

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098447.D
 Acq On : 12 Sep 2017 13:45
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 9/13/2017 4:59:54 PM

Quant Time: Sep 12 15:10:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	214508	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	898584	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	405140	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	746305	20.00	ng	0.00
75) Chrysene-d12	13.82	240	570509	20.00	ng	0.00
86) Perylene-d12	15.21	264	499432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1154929	79.60	ng	0.00
7) Phenol-d6	6.32	99	1425405	77.38	ng	0.00
23) Nitrobenzene-d5	7.24	82	1253658	77.78	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	250047	92.47	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1919192	80.29	ng	0.00
78) Terphenyl-d14	12.76	244	1929951	73.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	289523	38.664	ng	87
3) Pyridine	2.99	79	770990	38.770	ng	86
4) n-Nitrosodimethylamine	2.96	42	361866	37.117	ng	100
6) Aniline	6.33	93	877480	37.971	ng	# 27
8) 2-Chlorophenol	6.45	128	632308	39.634	ng	94
9) Benzaldehyde	6.22	77	447122	37.131	ng	94
10) Phenol	6.33	94	818062	38.234	ng	# 58
11) bis(2-Chloroethyl)ether	6.40	93	621342	38.517	ng	92
12) 1,3-Dichlorobenzene	6.60	146	629417	39.198	ng	97
13) 1,4-Dichlorobenzene	6.68	146	649444	39.485	ng	95
14) 1,2-Dichlorobenzene	6.83	146	584143	38.982	ng	98
15) Benzyl Alcohol	6.82	79	472872	38.572	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	970022	36.546	ng	73
17) 2-Methylphenol	6.94	107	511580	39.325	ng	# 91
18) Hexachloroethane	7.17	117	240022	38.105	ng	# 87
19) n-Nitroso-di-n-propylamine	7.09	70	430943	37.192	ng	99
20) 3+4-Methylphenols	7.09	107	647933	39.467	ng	# 74
22) Acetophenone	7.08	105	897144	38.629	ng	# 93
24) Nitrobenzene	7.26	77	704149	38.353	ng	96
25) Isophorone	7.50	82	1221911	37.469	ng	99
26) 2-Nitrophenol	7.57	139	331317	44.695	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	548666	38.827	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	760505	38.218	ng	98
29) 2,4-Dichlorophenol	7.82	162	486736	41.415	ng	95
30) 1,2,4-Trichlorobenzene	7.89	180	514800	40.267	ng	100
31) Naphthalene	7.97	128	1720325	38.727	ng	100
32) Benzoic acid	7.77	122	407804	43.847	ng	98
33) 4-Chloroaniline	8.03	127	729397	40.402	ng	98
34) Hexachlorobutadiene	8.09	225	255474	38.926	ng	96
35) Caprolactam	8.42	113	167974m	41.447	ng	
36) 4-Chloro-3-methylphenol	8.52	107	579521	39.761	ng	85
37) 2-Methylnaphthalene	8.66	142	1059346	39.369	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	502938	39.852	ng	100
40) Hexachlorocyclopentadiene	8.81	237	114815	37.080	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
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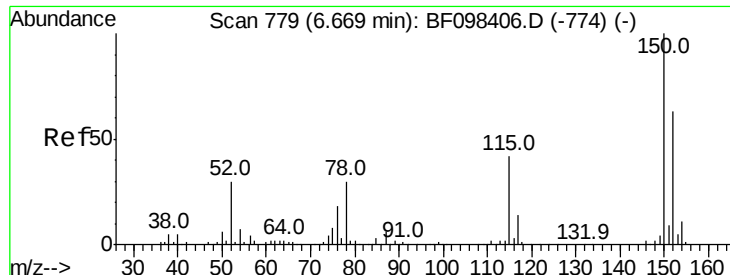
Manual Integrations
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Sohil
 9/13/2017 4:59:54 PM

Quant Time: Sep 12 15:10:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	321154	43.325	nq	94
43) 2,4,5-Trichlorophenol	8.99	196	325141	41.965	nq	93
45) 1,1'-Biphenyl	9.13	154	1412526	38.953	nq	98
46) 2-Chloronaphthalene	9.15	162	1016644	39.256	nq	94
47) 2-Nitroaniline	9.25	65	402572	40.500	nq	93
48) Acenaphthylene	9.56	152	1509878	39.211	nq	99
49) Dimethylphthalate	9.43	163	1196747	38.160	nq	99
50) 2,6-Dinitrotoluene	9.50	165	267458	41.518	nq #	79
51) Acenaphthene	9.73	154	951298	38.865	nq	98
52) 3-Nitroaniline	9.67	138	321311	41.319	nq	99
53) 2,4-Dinitrophenol	9.78	184	117217	42.917	nq #	79
54) Dibenzofuran	9.90	168	1235811	38.324	nq	99
55) 4-Nitrophenol	9.85	139	195287	43.711	nq #	55
56) 2,4-Dinitrotoluene	9.90	165	322563	41.187	nq #	58
57) Fluorene	10.25	166	1024504	38.385	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	224389	43.094	nq	97
59) Diethylphthalate	10.13	149	1122170	37.625	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	472855	38.357	nq	88
61) 4-Nitroaniline	10.28	138	327982	41.764	nq	86
62) Azobenzene	10.40	77	1147408	35.694	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	195286	43.214	nq #	74
65) n-Nitrosodiphenylamine	10.36	169	941827	38.866	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	281815	39.787	nq	97
67) Hexachlorobenzene	10.79	284	292423	40.701	nq #	81
68) Atrazine	10.89	200	294734	39.507	nq	95
69) Pentachlorophenol	10.99	266	128252	43.767	nq	96
70) Phenanthrene	11.20	178	1537961	38.873	nq	99
71) Anthracene	11.26	178	1576427	38.809	nq	99
72) Carbazole	11.42	167	1482978	39.174	nq	99
73) Di-n-butylphthalate	11.75	149	1738813	38.336	nq	99
74) Fluoranthene	12.39	202	1561848	39.434	nq	100
76) Benzidine	12.52	184	934166	36.998	nq #	94
77) Pyrene	12.62	202	1642409	36.494	nq	100
79) Butylbenzylphthalate	13.24	149	742418	38.025	nq #	81
80) Benzo(a)anthracene	13.80	228	1272979	38.059	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	540798	41.604	nq #	98
82) Chrysene	13.85	228	1296932	38.359	nq	100
83) Bis(2-ethylhexyl)phthalate	13.79	149	924327	37.722	nq	99
84) Di-n-octyl phthalate	14.40	149	1687096	40.129	nq	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	985302	41.537	nq	98
87) Benzo(b)fluoranthene	14.82	252	1250201	39.812	nq	99
88) Benzo(k)fluoranthene	14.85	252	1129085	38.514	nq	97
89) Benzo(a)pyrene	15.16	252	1104615	39.483	nq	98
90) Dibenzo(a,h)anthracene	16.57	278	809043	39.754	nq	97
91) Benzo(g,h,i)perylene	16.96	276	800961	39.129	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

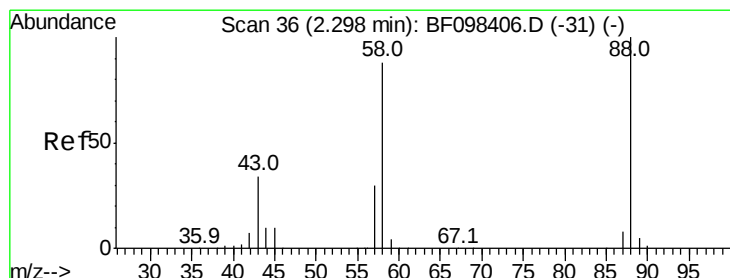
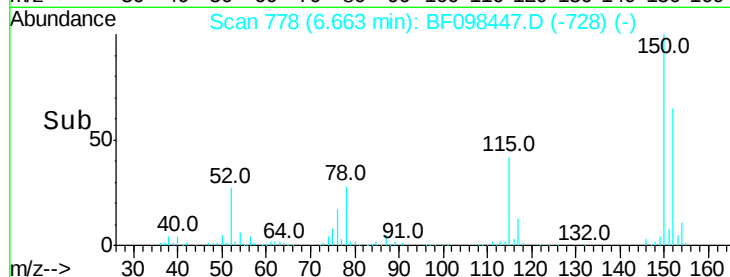
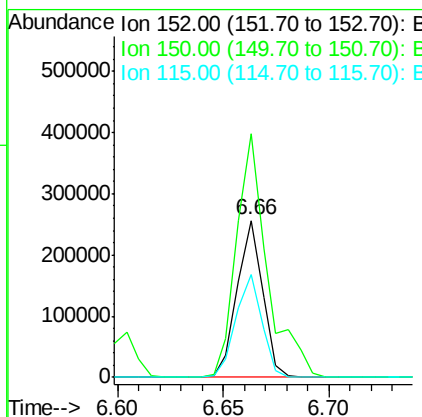
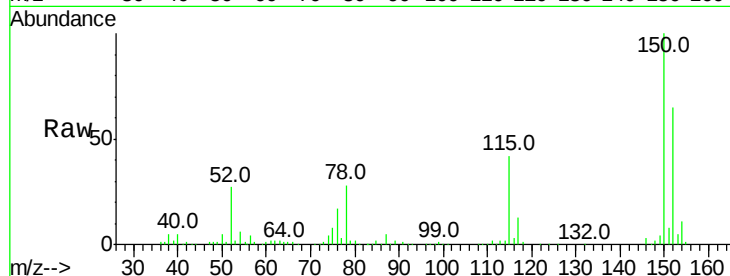
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	65.3	52.2	78.2

Manual Integrations
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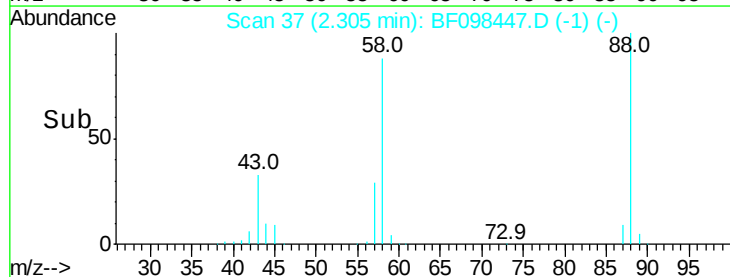
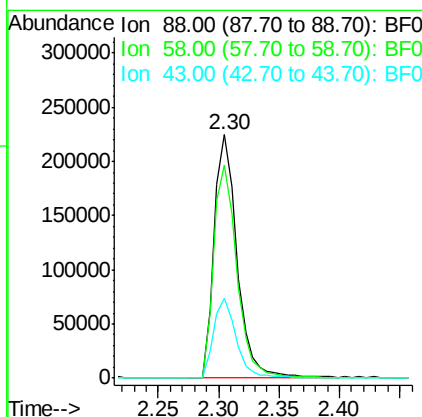
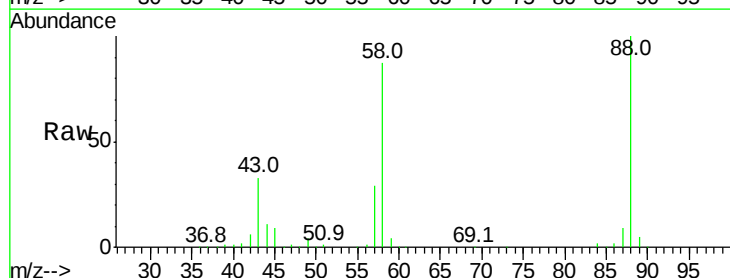
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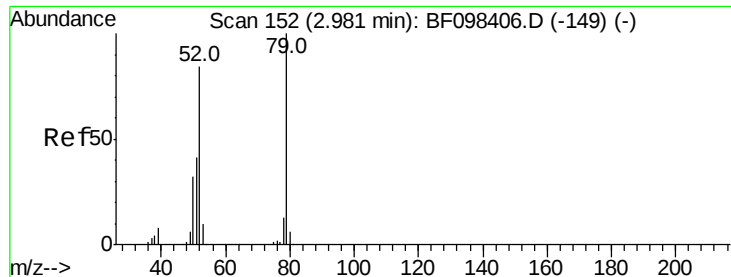


#2

1,4-Dioxane
Concen: 38.664 ng
RT: 2.30 min Scan# 37
Delta R.T. 0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	61.4	92.0
43	32.7	23.4	35.0





#3

Pvridine

Concen: 38.770 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

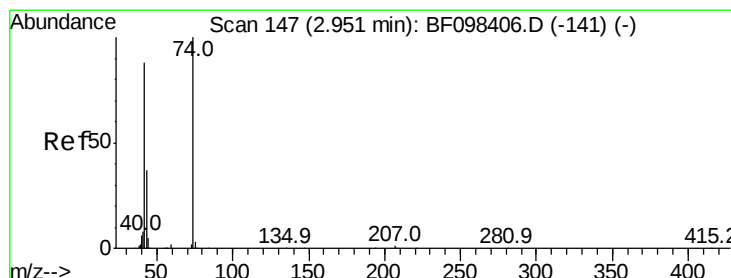
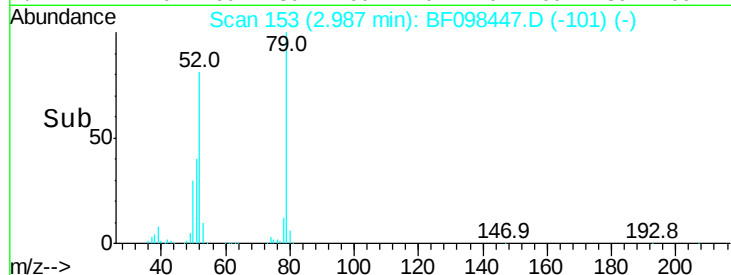
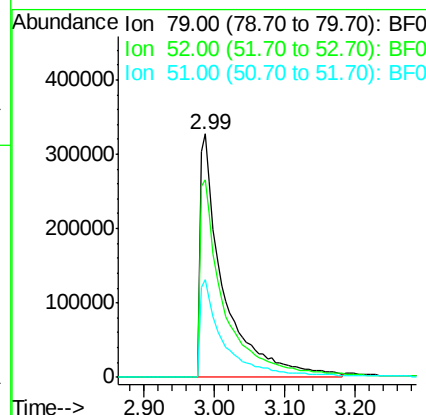
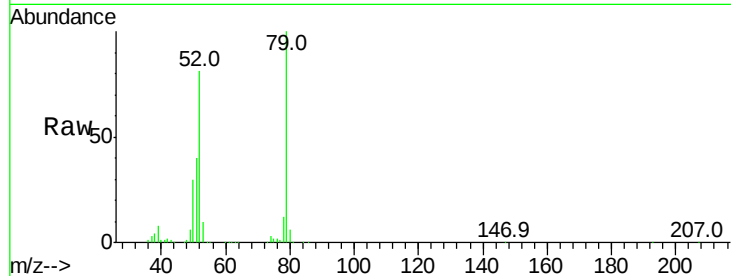
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	770990
Ion Ratio	Lower	Upper	
79	100		
52	81.4	54.8	82.2
51	40.0	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.117 ng

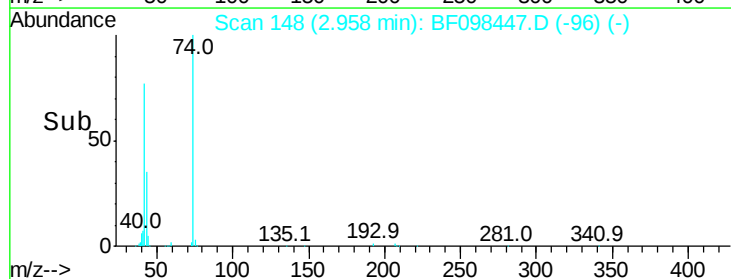
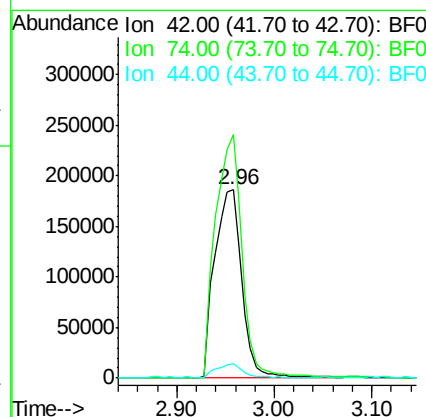
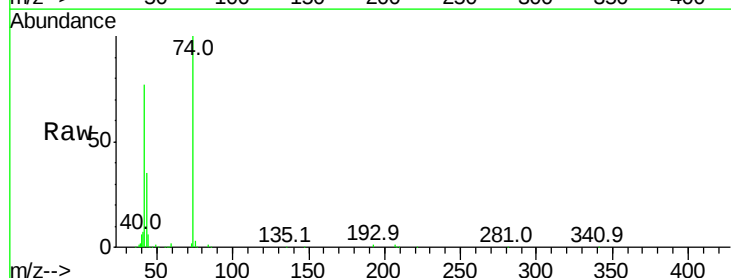
RT: 2.96 min Scan# 148

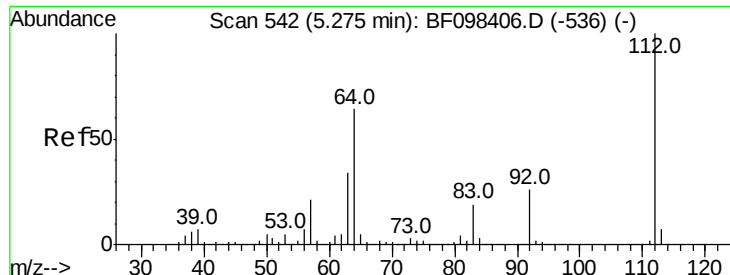
Delta R.T. 0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:	42	Resp:	361866
Ion Ratio	Lower	Upper	
42	100		
74	129.5	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 79.605 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 112 Resp: 1154929

Ion Ratio Lower Upper

112 100

64 65.0 46.0 69.0

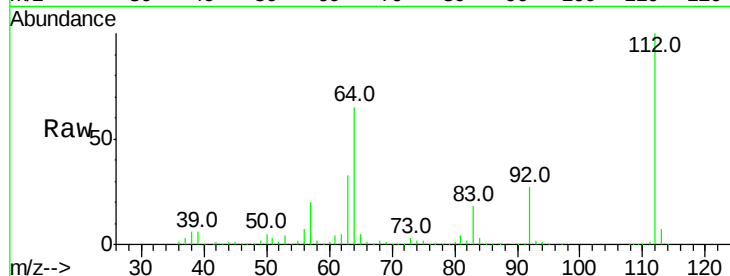
63 33.4 23.4 35.0

Manual Integrations

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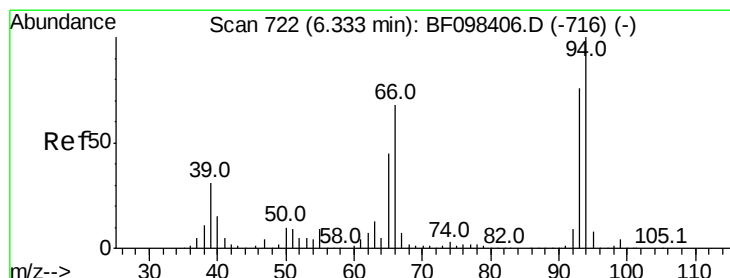
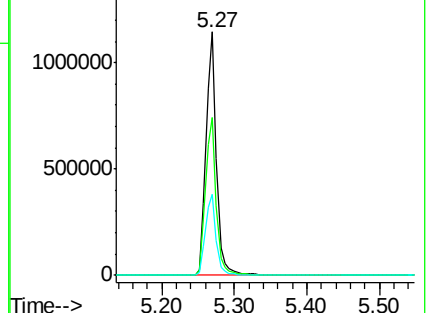
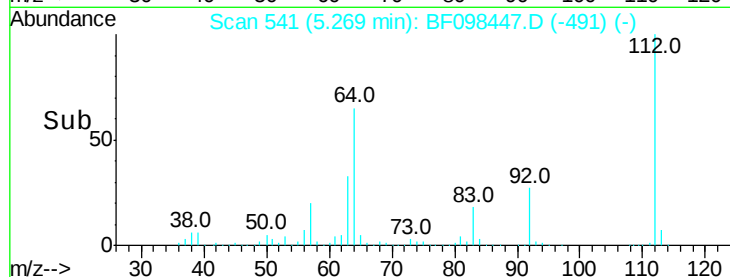
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.971 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

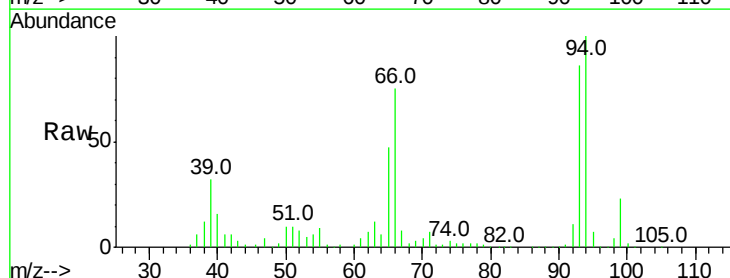
Tgt Ion: 93 Resp: 877480

Ion Ratio Lower Upper

93 100

66 86.5 32.9 49.3#

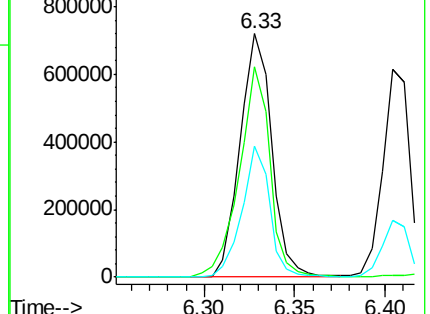
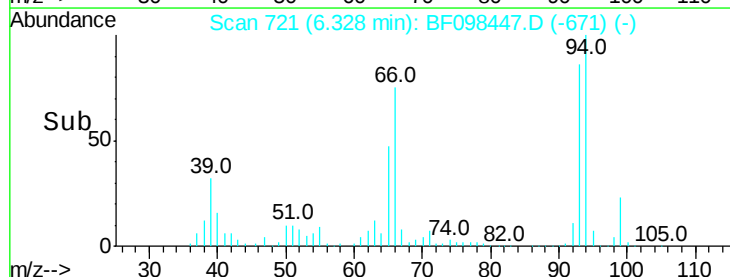
65 54.0 16.0 24.0#

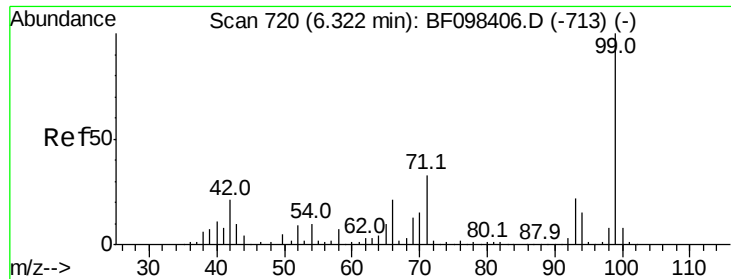


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.381 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1425405

Ion Ratio Lower Upper

99 100

42 19.5 13.5 20.3

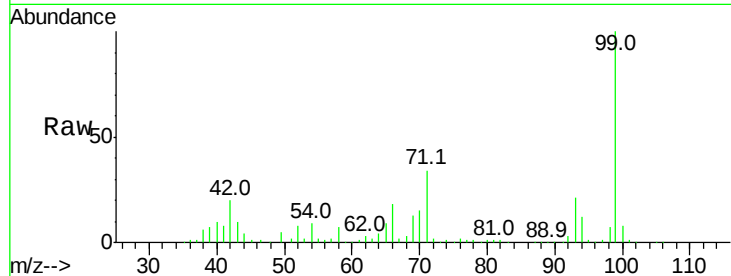
71 33.5 24.5 36.7

Manual Integrations

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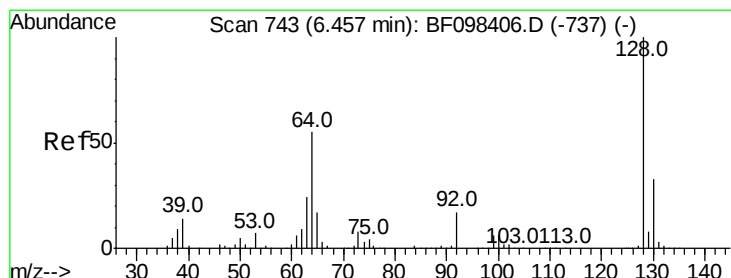
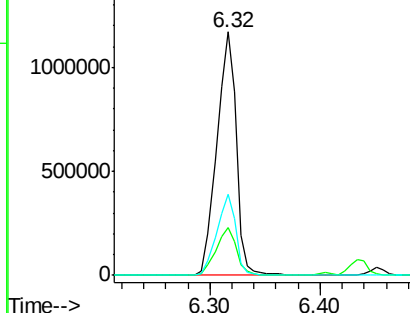
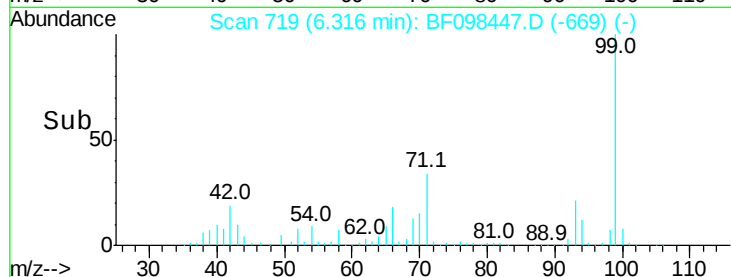
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.634 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

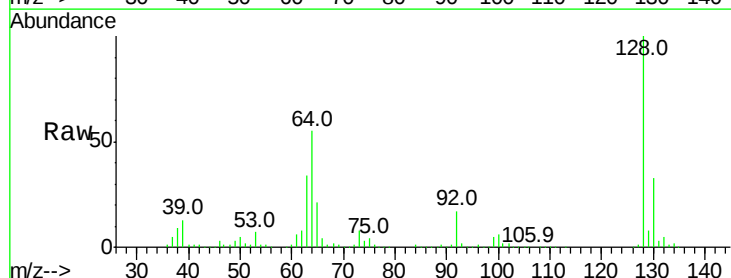
Tgt Ion: 128 Resp: 632308

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

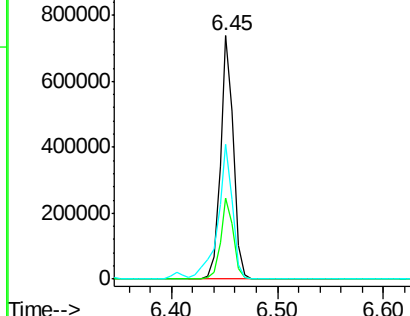
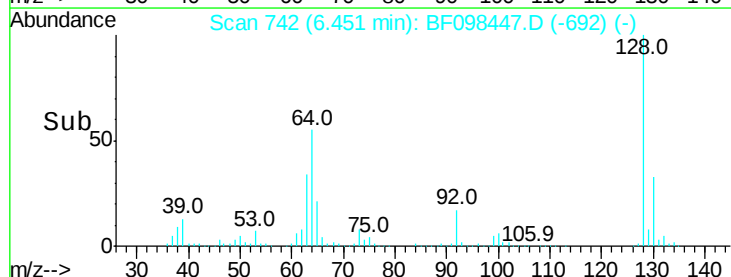
64 55.2 28.4 68.4

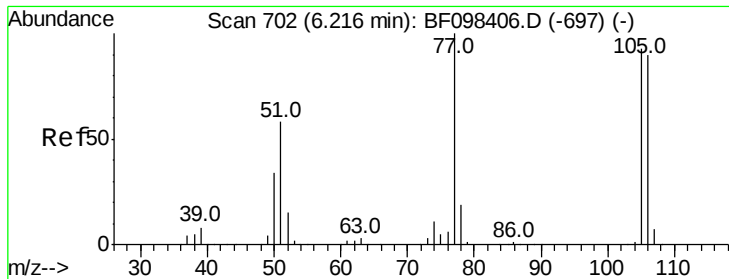


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.131 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

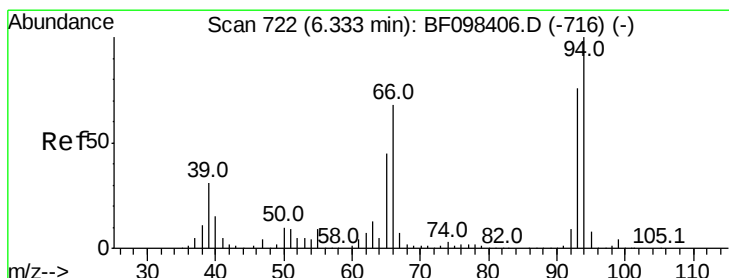
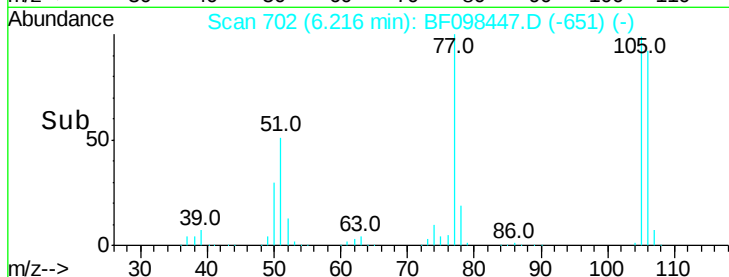
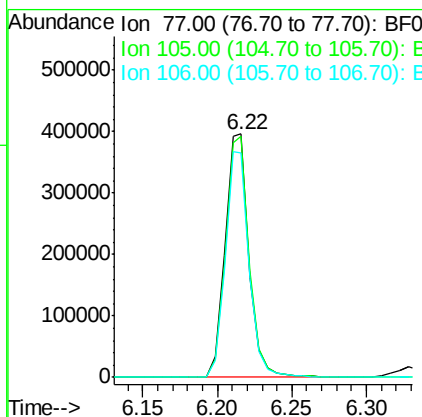
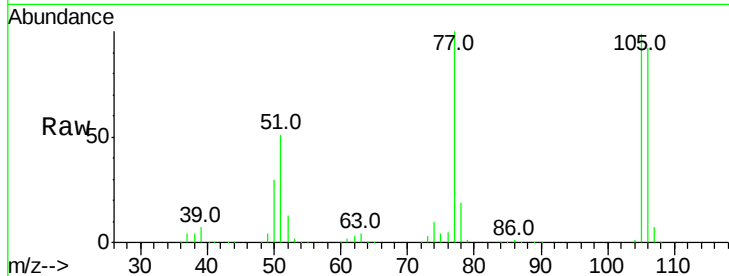
ClientSampled :

SSTDCCC040

Tot Ion:	77	Resp:	447122
Ion Ratio	Lower	Upper	
77	100		
105	99.1	83.8	123.8
106	92.3	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.234 ng

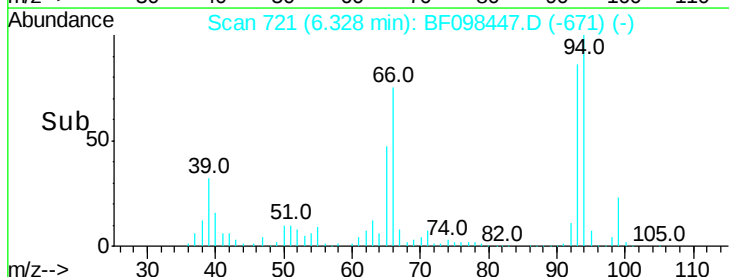
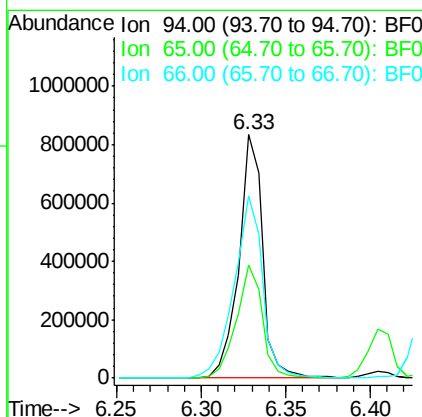
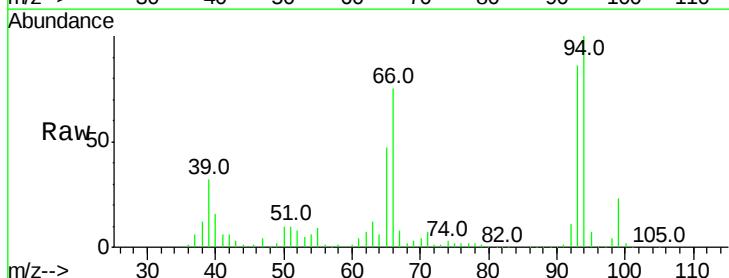
RT: 6.33 min Scan# 721

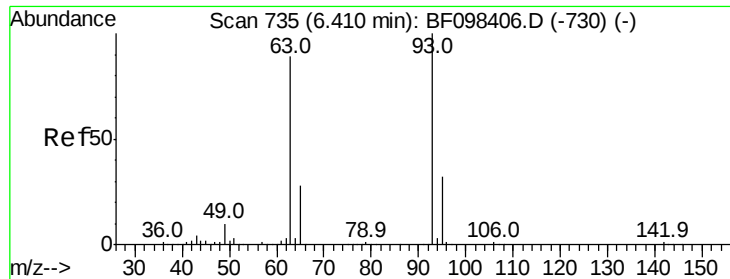
Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:	94	Resp:	818062
Ion Ratio	Lower	Upper	
94	100		
65	46.6	9.9	49.9
66	74.7	23.1	63.1#





#11

bis(2-Chloroethyl)ether

Concen: 38.517 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

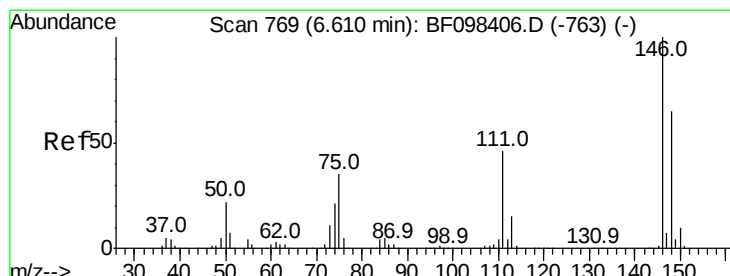
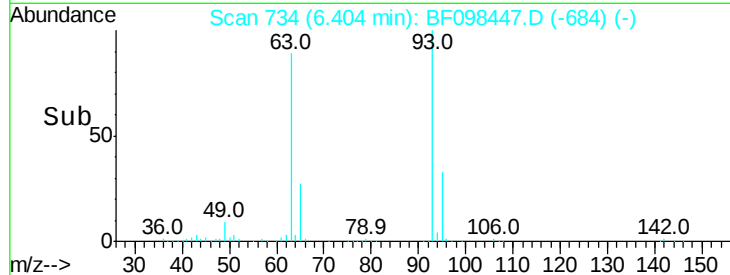
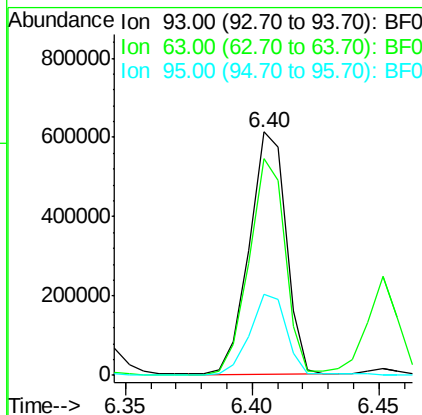
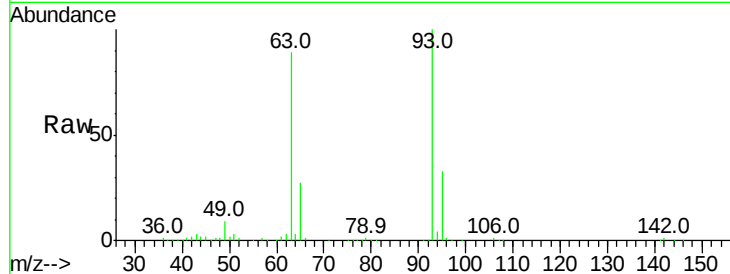
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	621342
Ion Ratio	Lower	Upper	
93	100		
63	89.1	59.2	99.2
95	33.3	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.198 ng

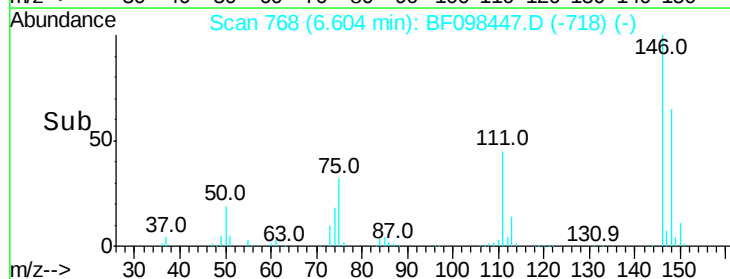
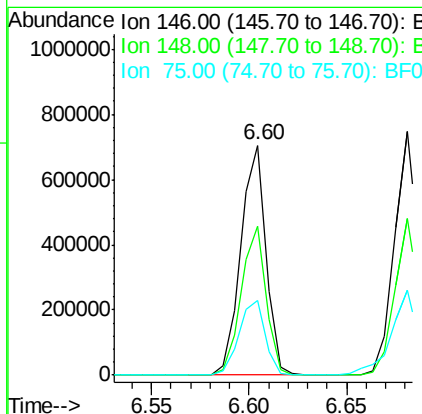
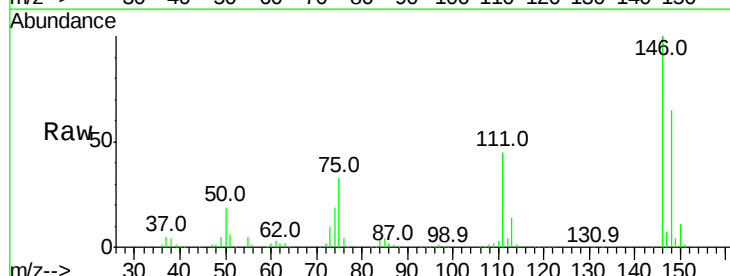
RT: 6.60 min Scan# 768

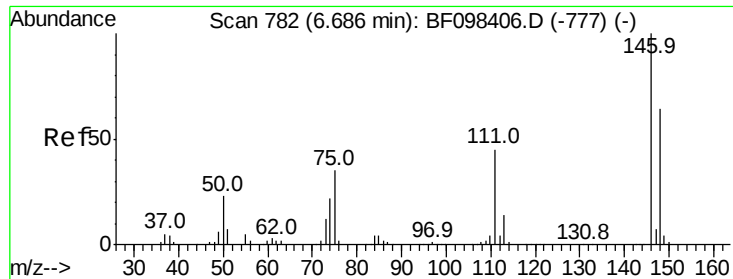
Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:	146	Resp:	629417
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.6
75	32.8	23.1	34.7





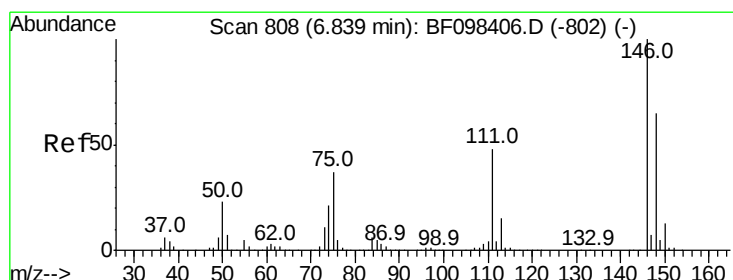
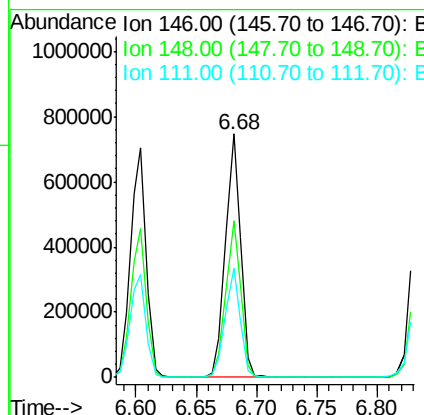
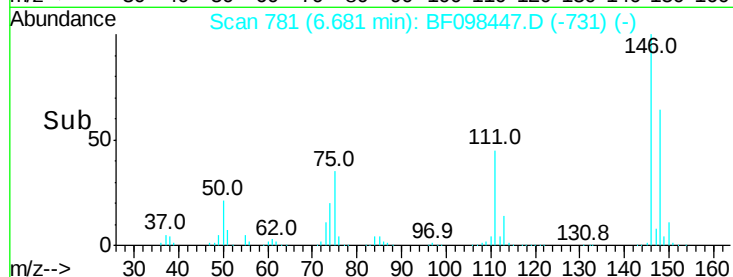
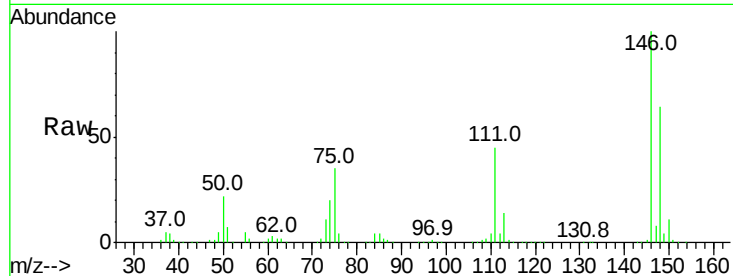
#13
 1,4-Dichlorobenzene
 Concen: 39.485 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	44.9	30.3	45.5

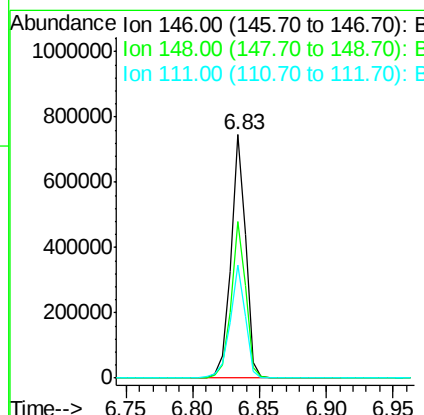
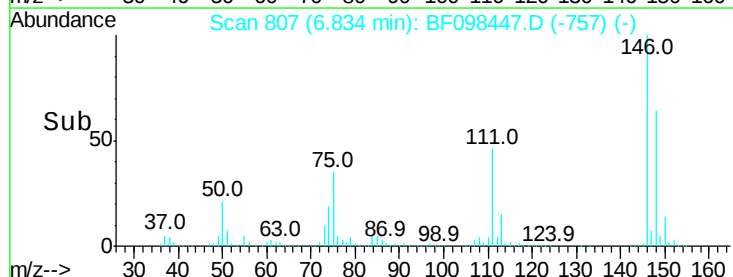
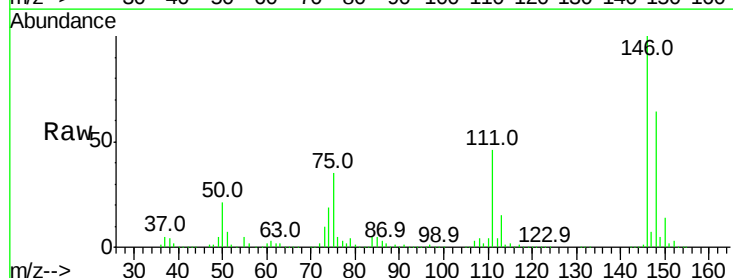
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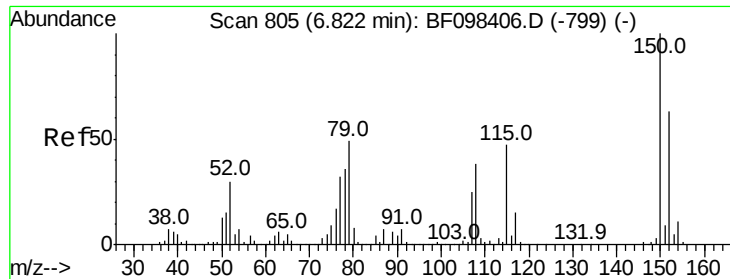
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#14
 1,2-Dichlorobenzene
 Concen: 38.982 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	46.2	38.2	57.4





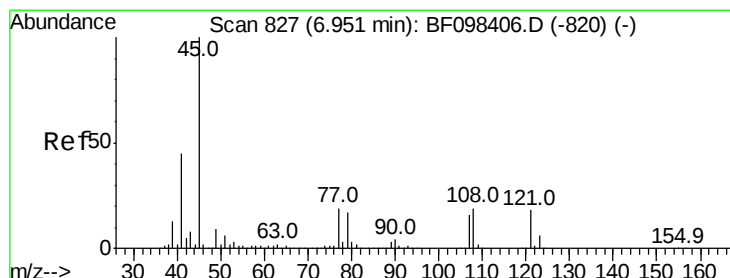
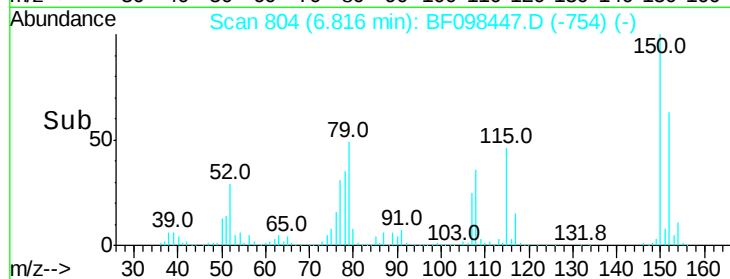
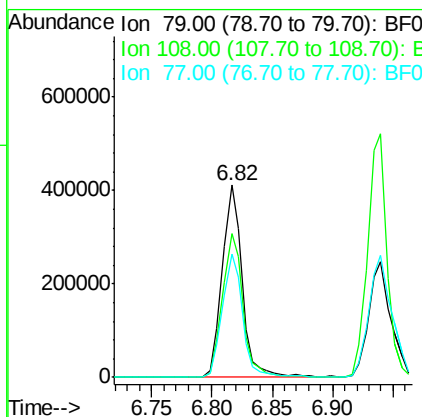
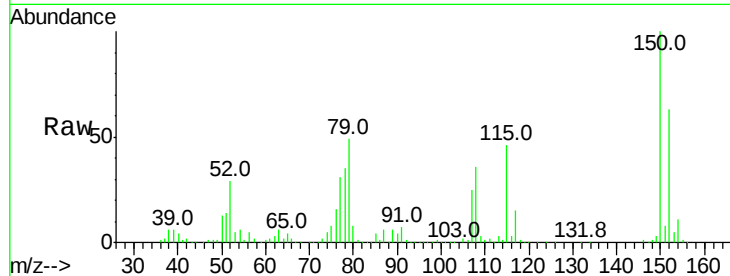
#15
Benzyl Alcohol
Concen: 38.572 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	63.4	95.0
77	64.3	49.2	73.8

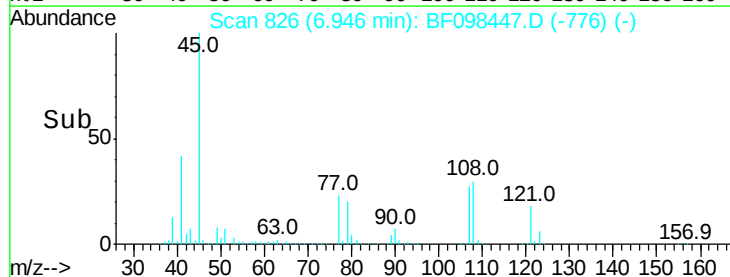
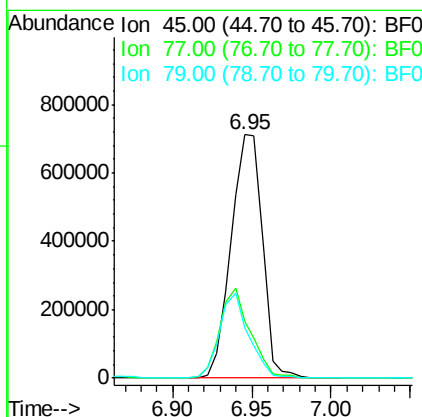
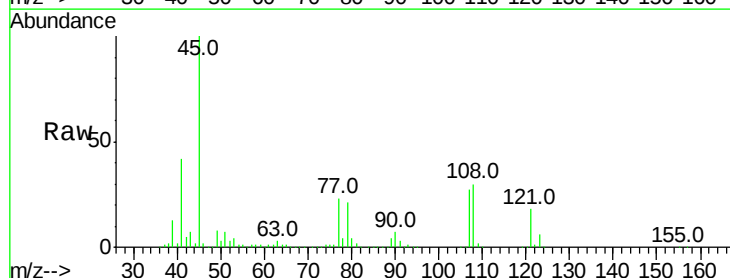
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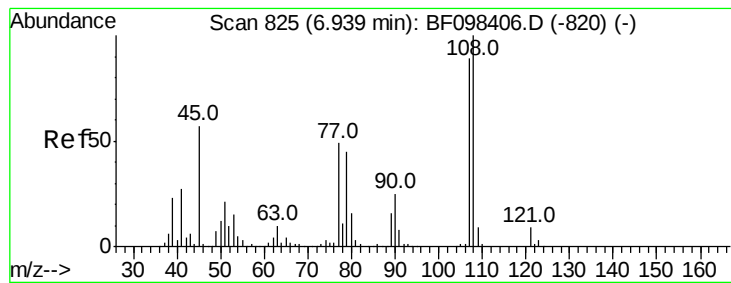
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.546 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.4	0.0	33.2
79	20.6	0.0	30.0





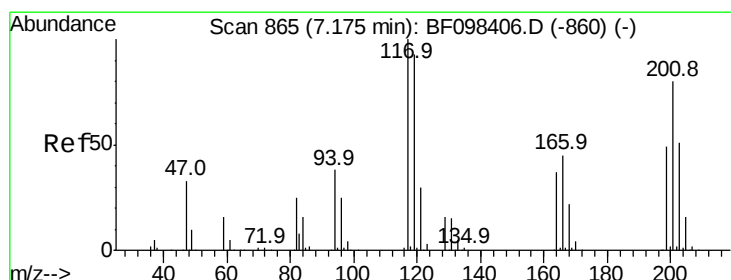
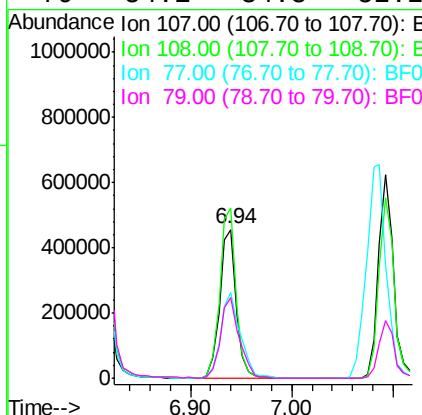
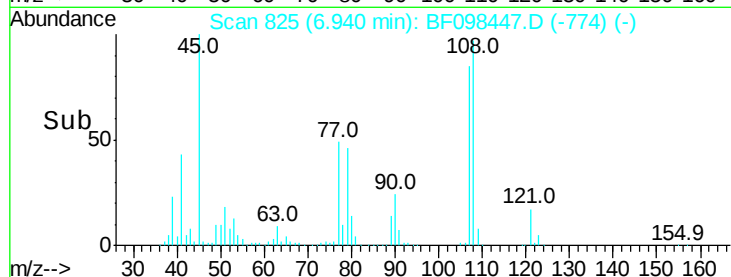
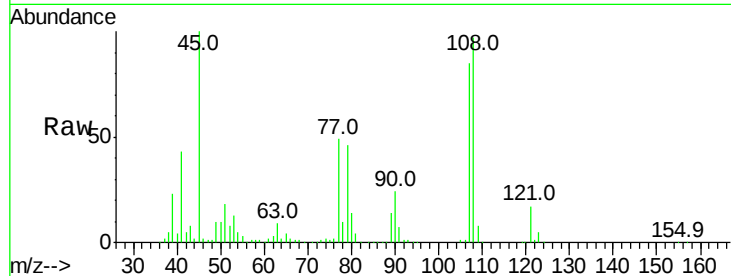
#17
2-Methylphenol
Concen: 39.325 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	93.4	140.0	
77	57.5	35.8	53.6#	
79	54.1	34.8	52.2#	

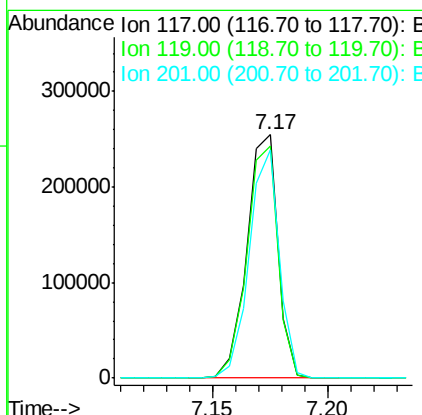
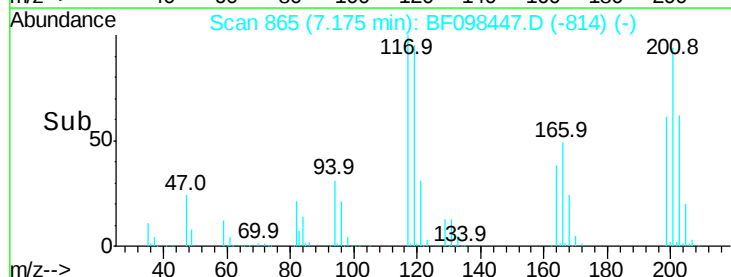
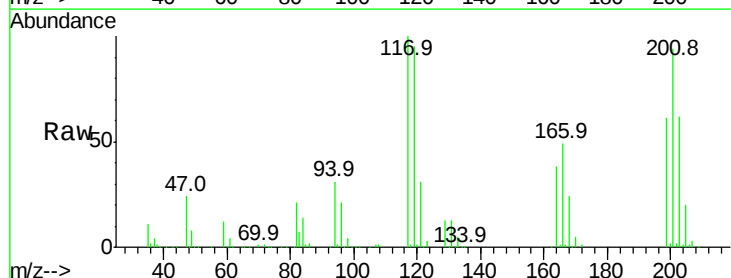
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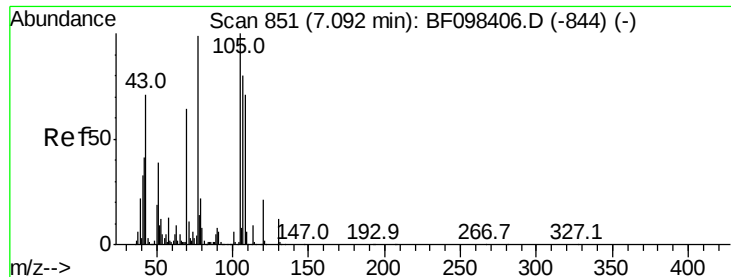
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#18
Hexachloroethane
Concen: 38.105 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.0	
201	93.8	94.6	141.8#	





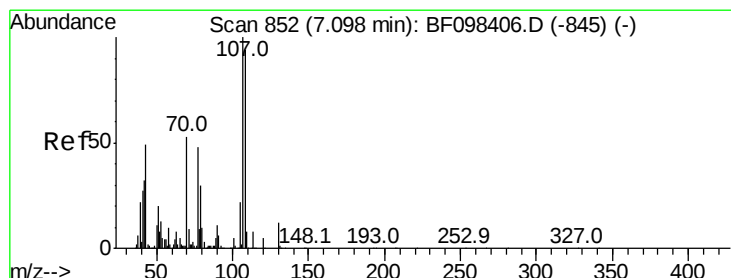
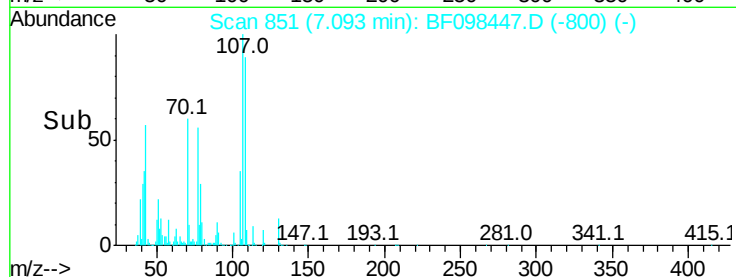
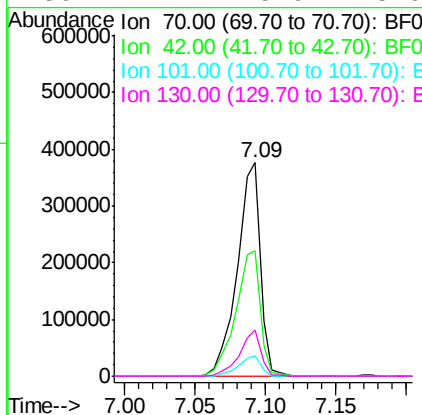
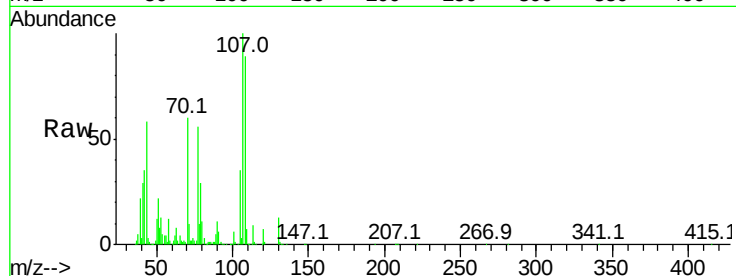
#19
n-Nitroso-di-n-propylamine
Concen: 37.192 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.5	47.2	70.8
101	9.5	7.2	10.8
130	21.4	15.9	23.9

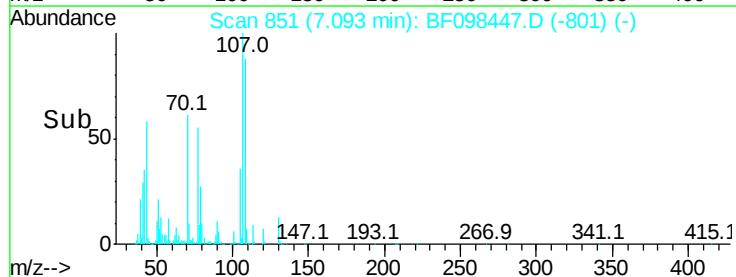
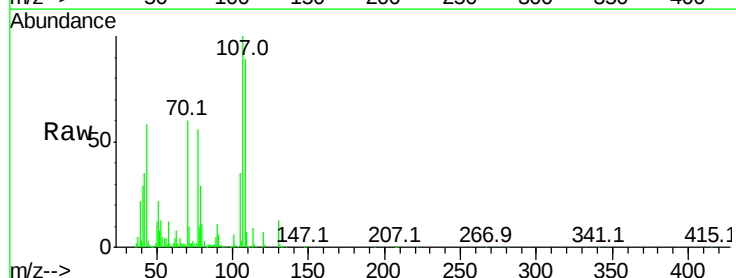
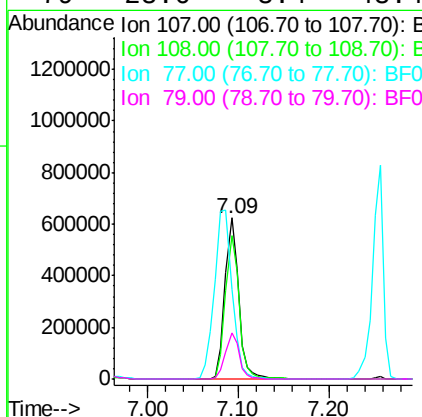
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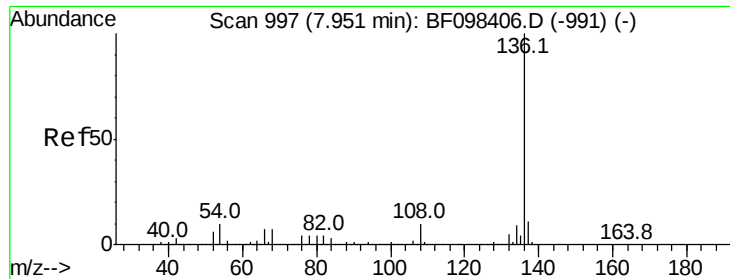
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#20
3+4-Methylphenols
Concen: 39.467 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.0	111.0
77	55.6	90.5	130.5#
79	28.6	8.4	48.4





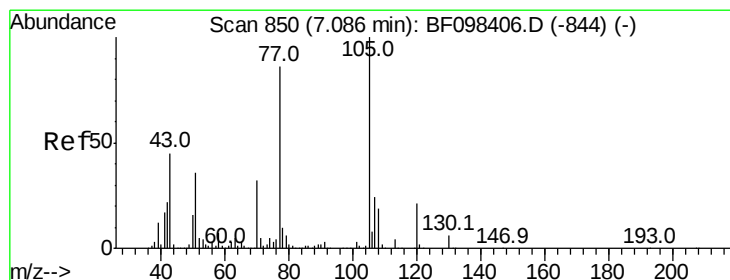
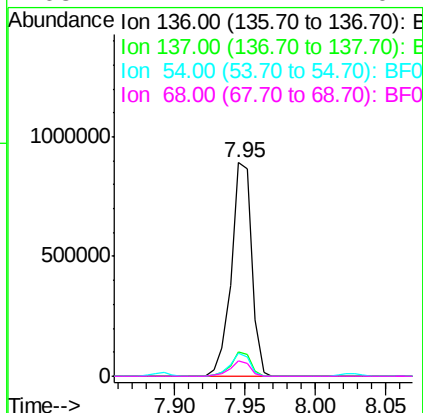
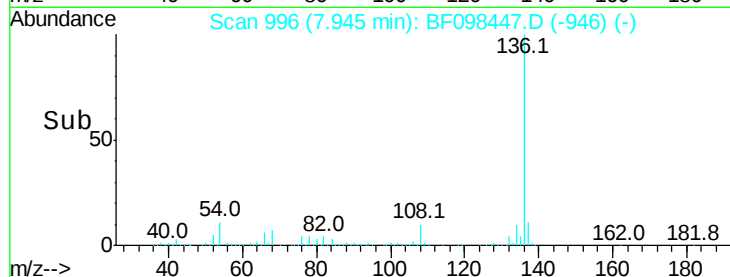
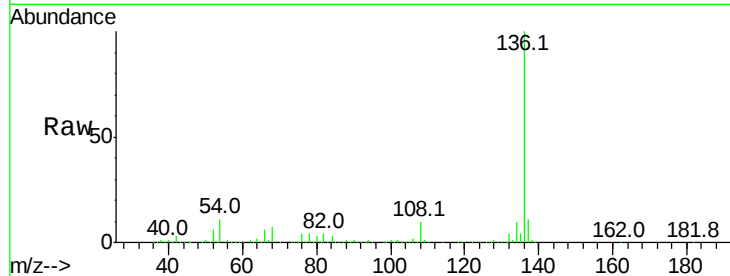
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	10.8	4.9	7.3#	
68	7.4	4.1	6.1#	

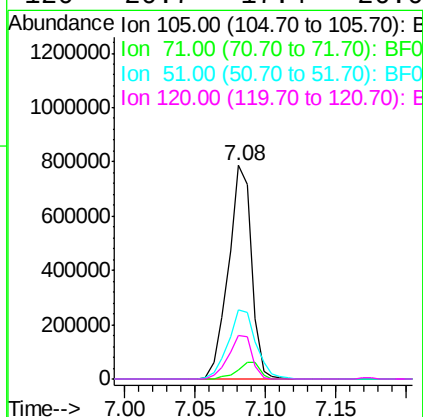
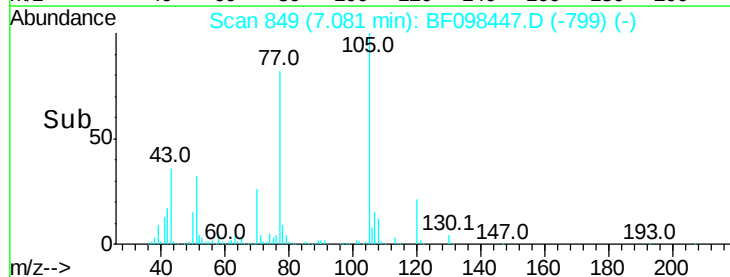
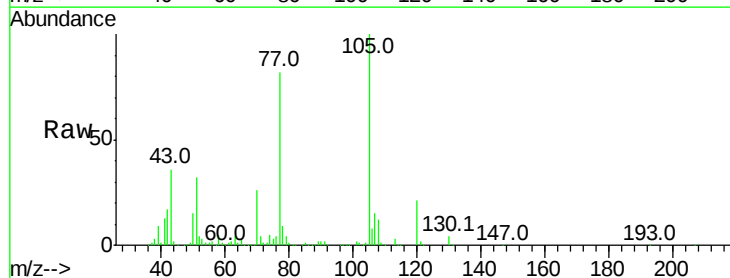
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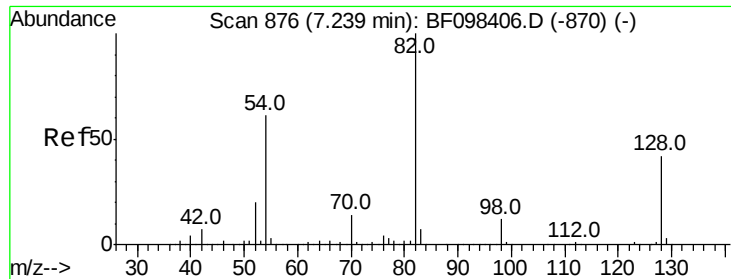
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#22
Acetophenone
Concen: 38.629 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	2.8	4.2#	
51	32.5	30.7	46.1	
120	20.7	17.4	26.0	





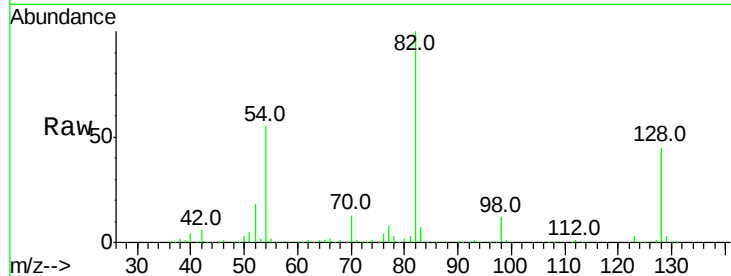
#23
 Nitrobenzene-d5
 Concen: 77.779 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

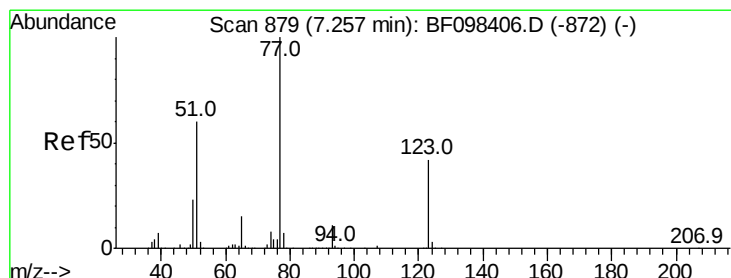
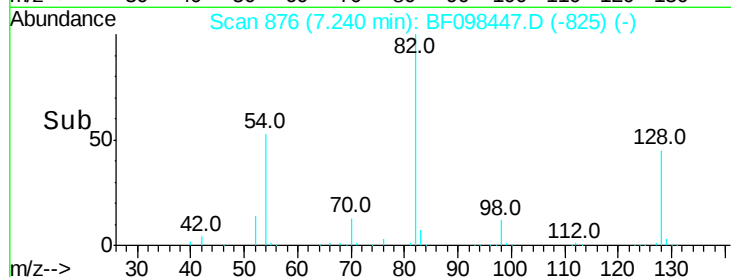
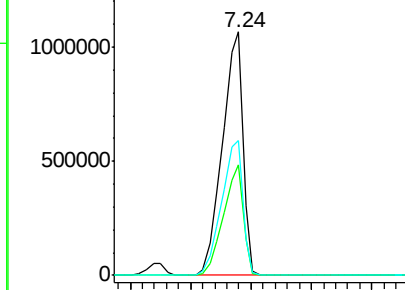
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	55.4	42.2	63.2

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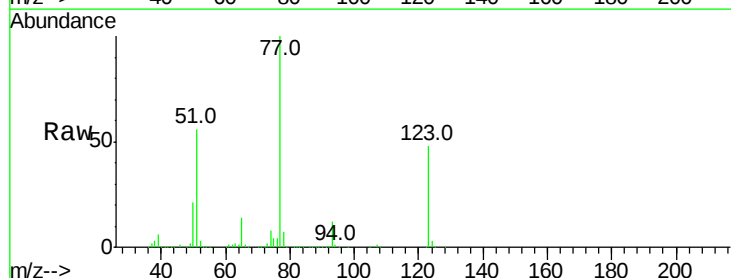


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

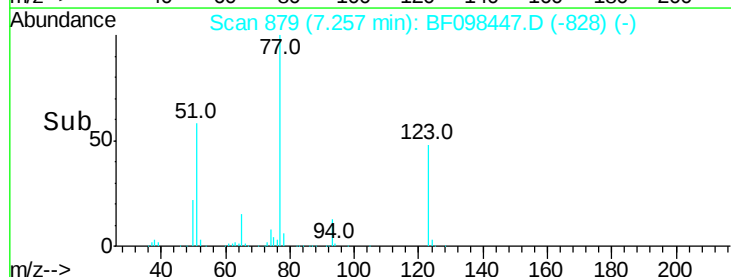
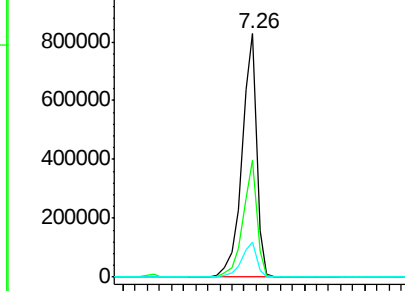


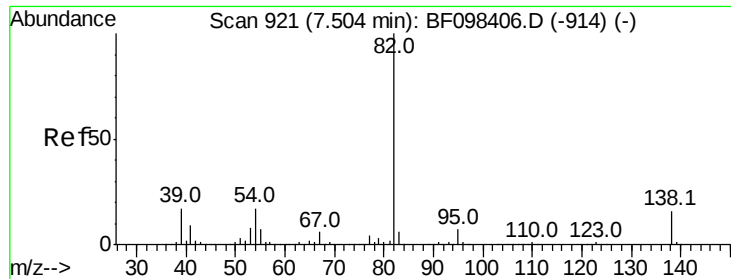
#24
 Nitrobenzene
 Concen: 38.353 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	35.8	53.8
65	14.5	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.469 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

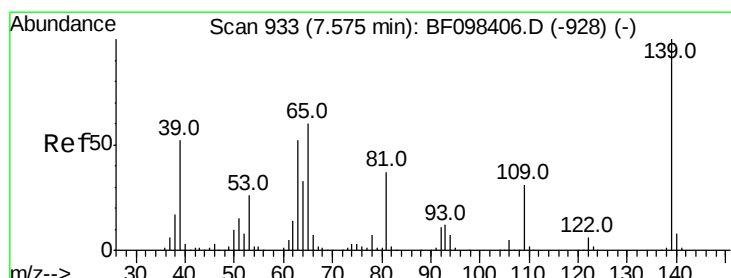
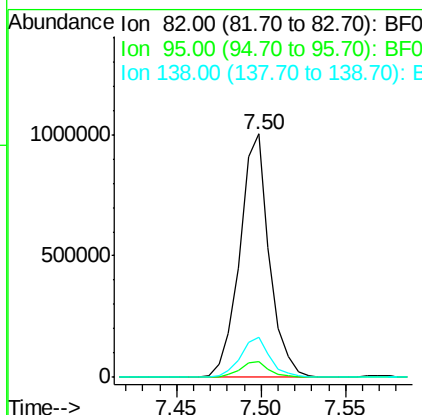
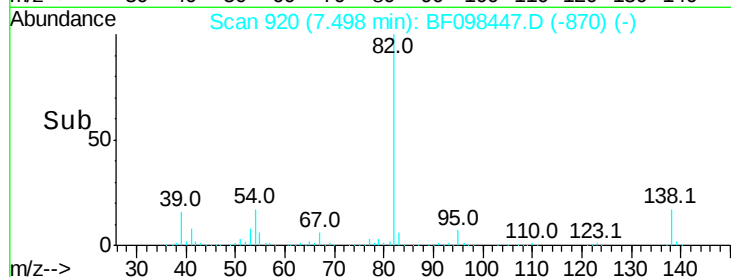
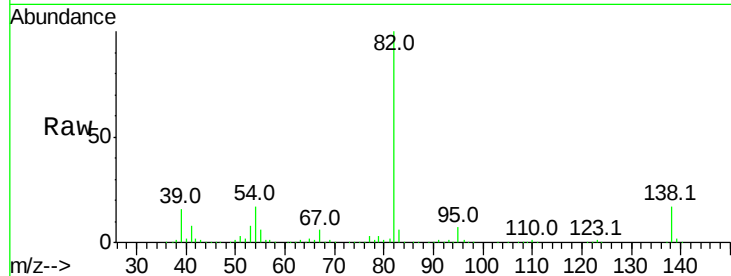
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1221911
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	16.7	13.1	19.7

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#26

2-Nitrophenol

Concen: 44.695 ng

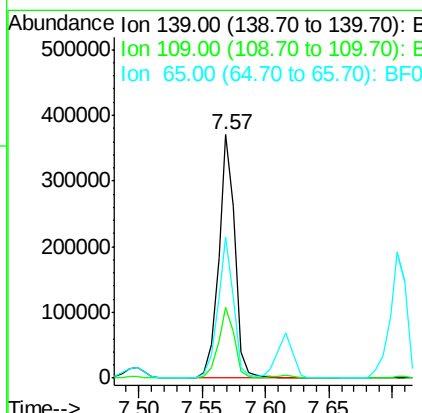
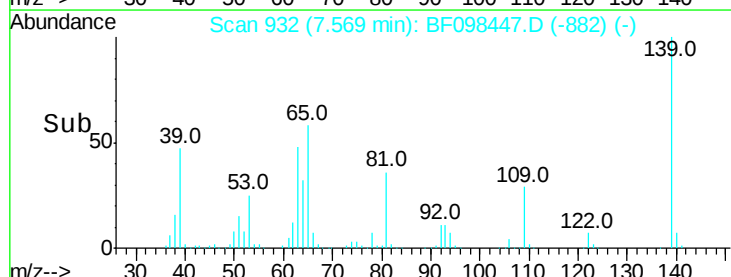
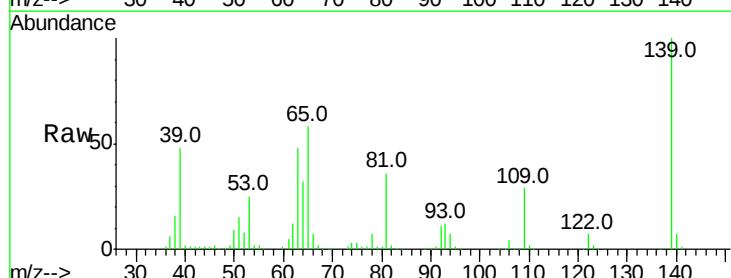
RT: 7.57 min Scan# 932

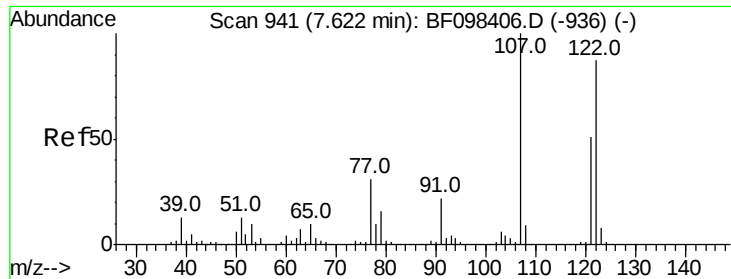
Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:	139	Resp:	331317
Ion Ratio	Lower	Upper	
139	100		
109	29.3	21.0	31.6
65	58.1	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 38.827 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

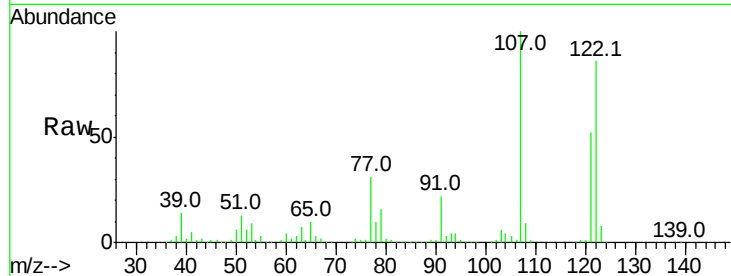
ClientSampleId :

SSTDCCC040

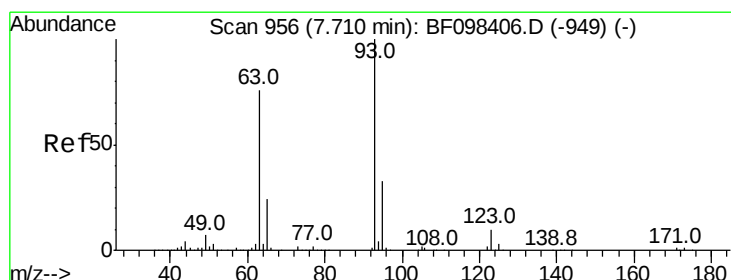
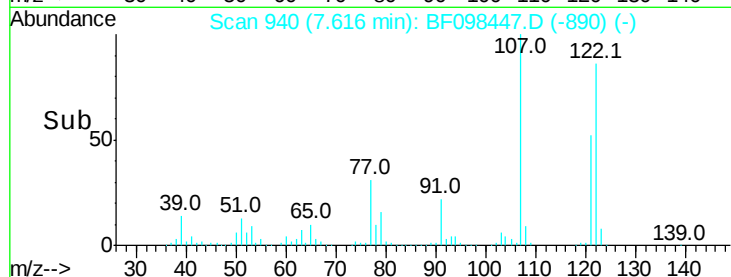
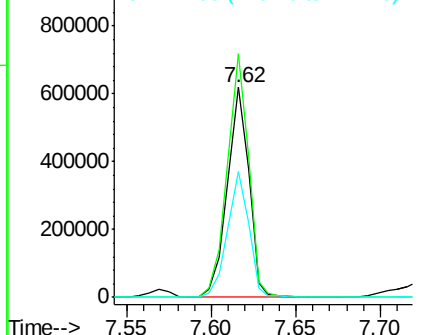
Tot Ion:	122	Resp:	548666
Ion Ratio	Lower	Upper	
122	100		
107	116.0	89.2	133.8
121	59.8	45.2	67.8

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.218 ng

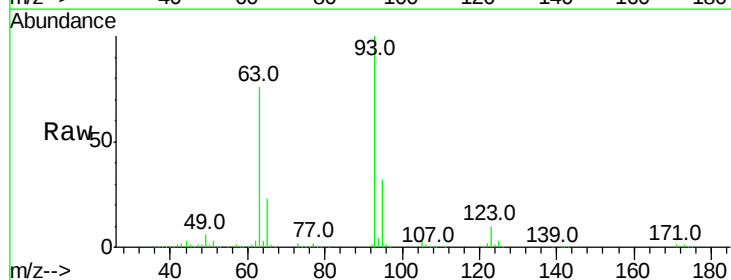
RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

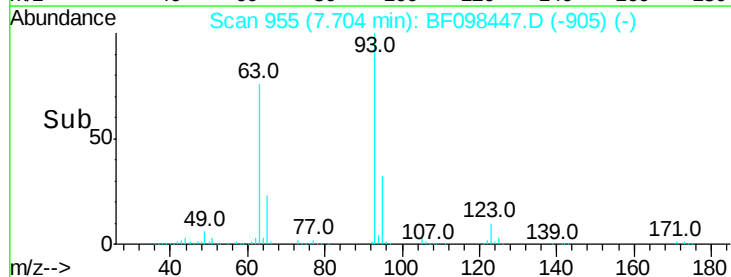
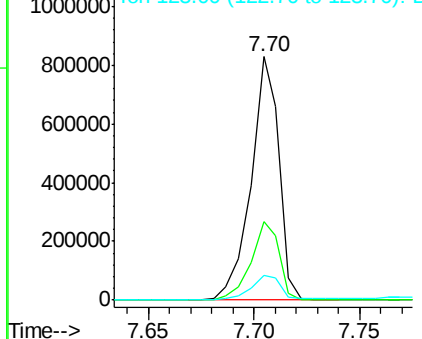
Lab File: BF098447.D

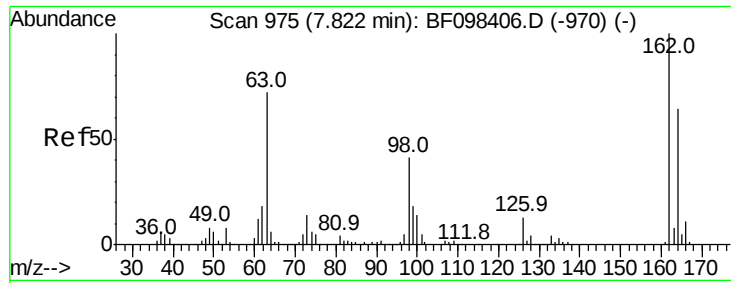
Acq: 12 Sep 2017 13:45

Tgt Ion:	93	Resp:	760505
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.5	39.7
123	10.4	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





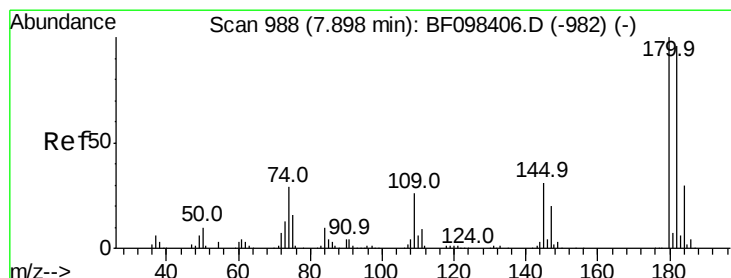
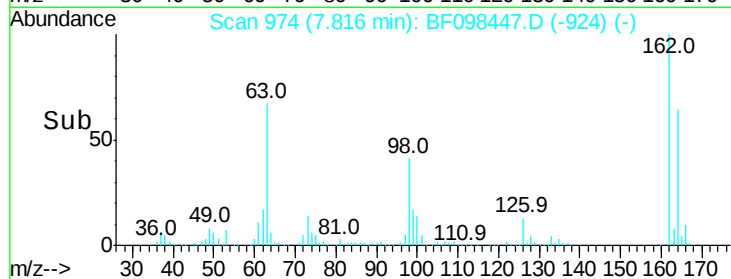
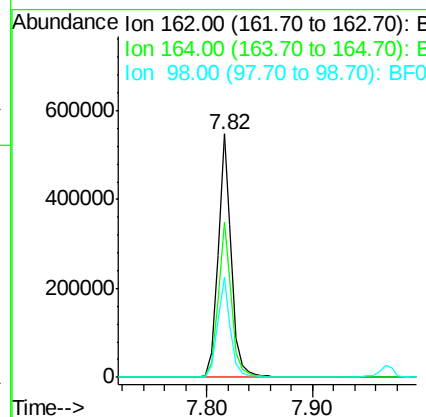
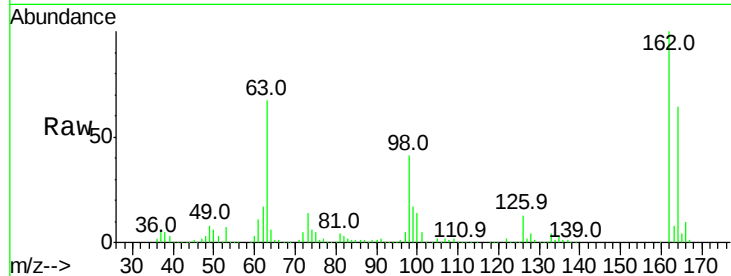
#29
 2,4-Dichlorophenol
 Concen: 41.415 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	44.6	84.6
98	41.0	14.8	54.8

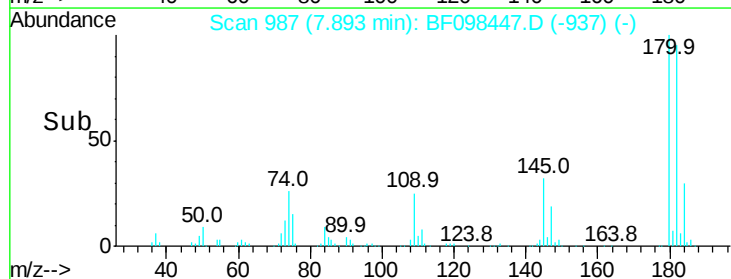
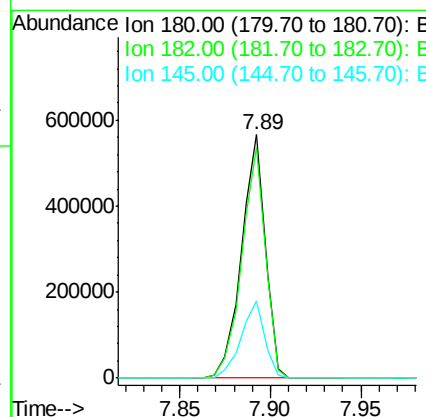
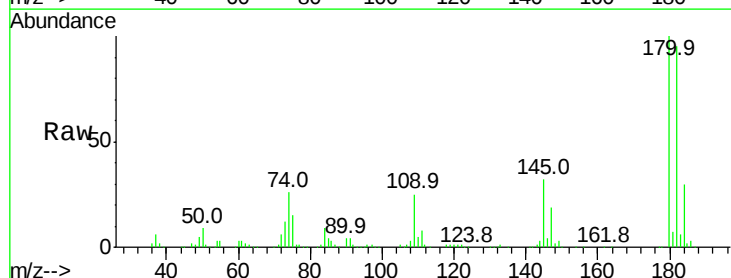
Manual Integrations
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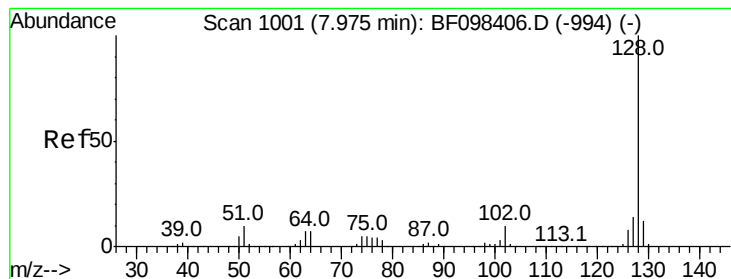
Sohil
 9/13/2017 4:59:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.267 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.8	75.8	113.6
145	31.5	25.3	37.9





#31

Naphthalene

Concen: 38.727 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1720325

Ion Ratio Lower Upper

128 100

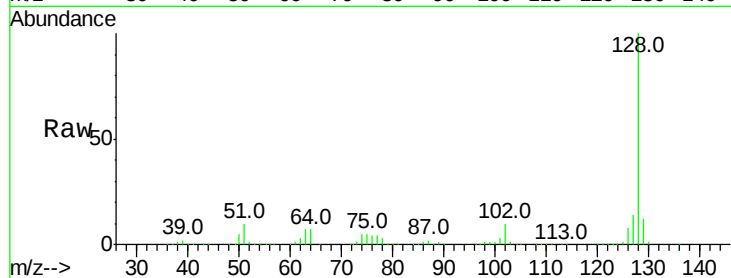
129 11.6 9.0 13.6

127 13.6 10.8 16.2

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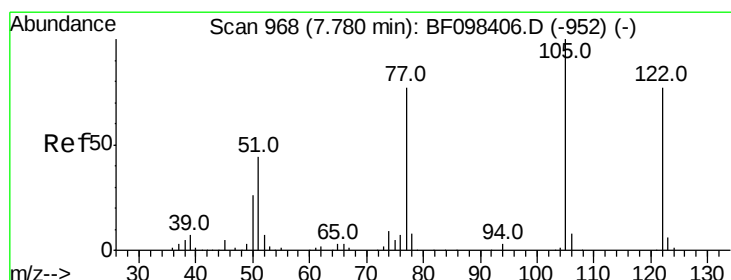
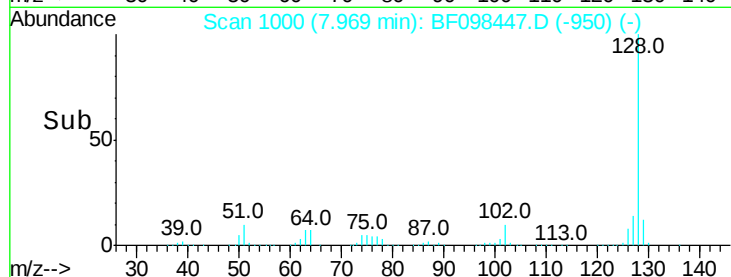
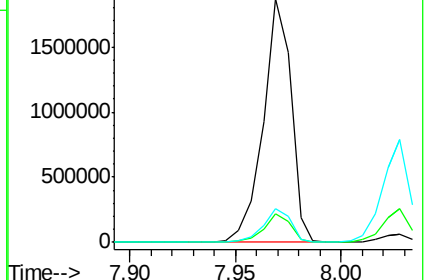
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.847 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

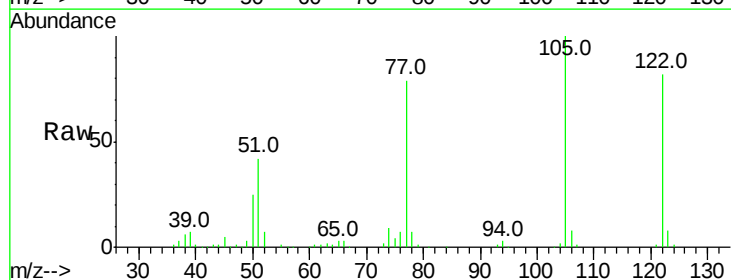
Tgt Ion:122 Resp: 407804

Ion Ratio Lower Upper

122 100

105 122.4 103.3 143.3

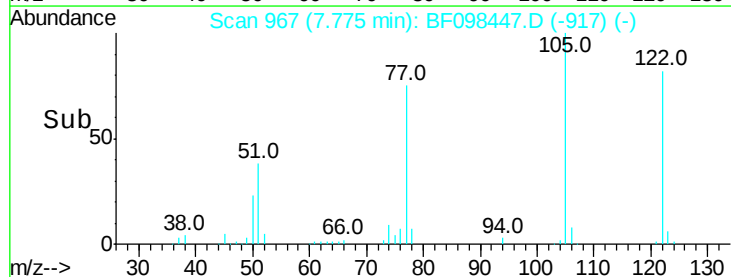
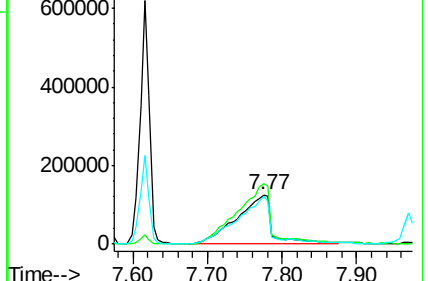
77 96.3 73.7 113.7

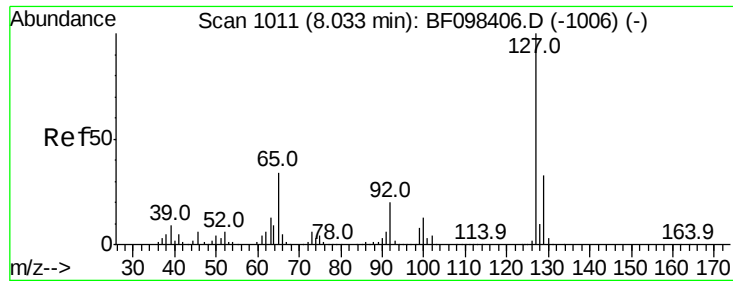


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





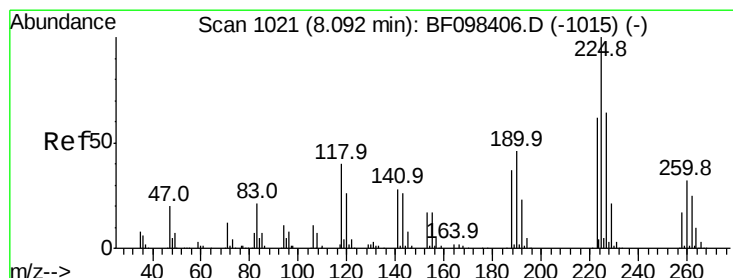
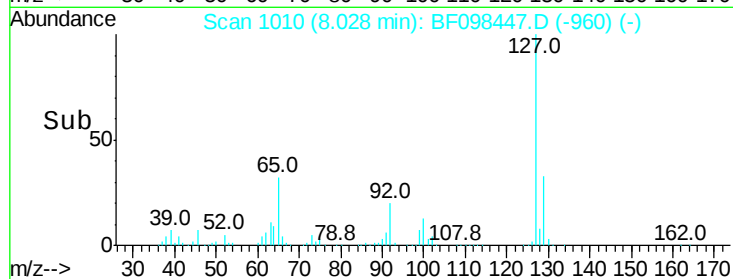
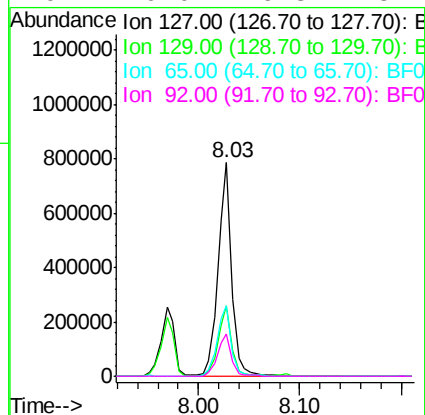
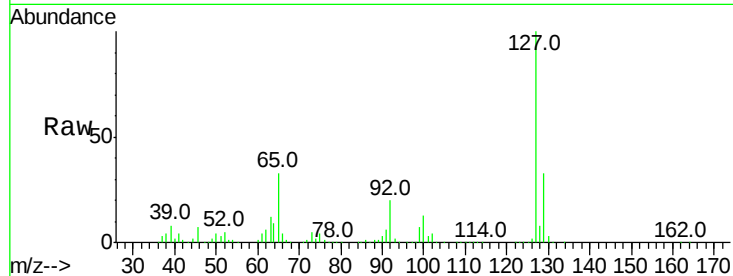
#33
4-Chloroaniline
Concen: 40.402 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.2	39.2		
65	32.7	27.8	41.8		
92	20.0	16.8	25.2		

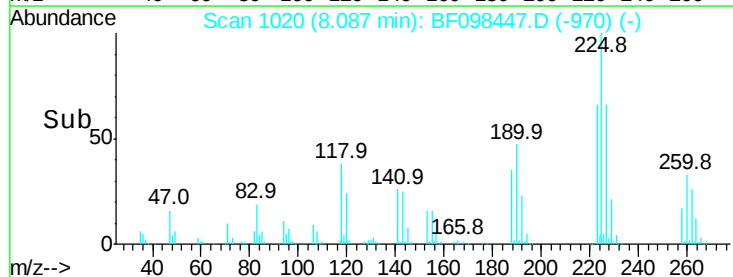
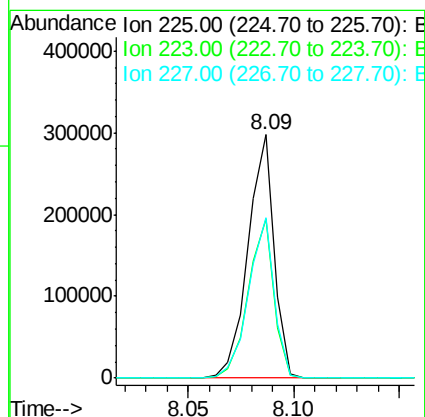
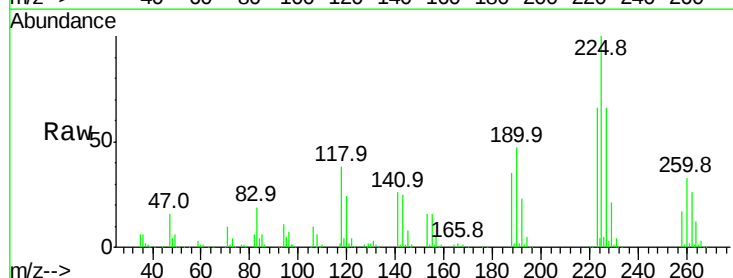
Manual Integrations
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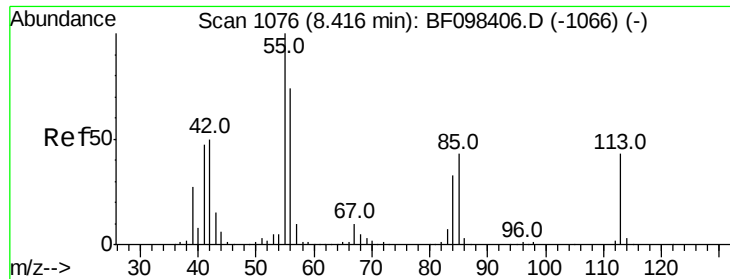
Sohil
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#34
Hexachlorobutadiene
Concen: 38.926 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.6	48.8	73.2		
227	66.1	51.1	76.7		





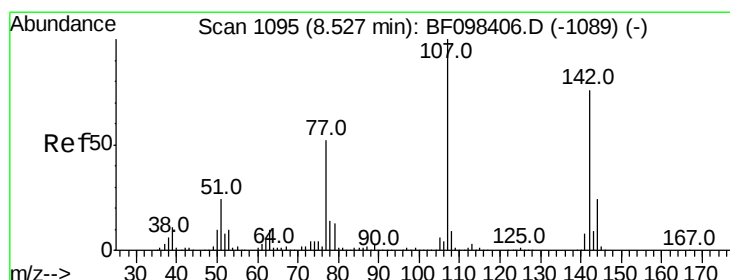
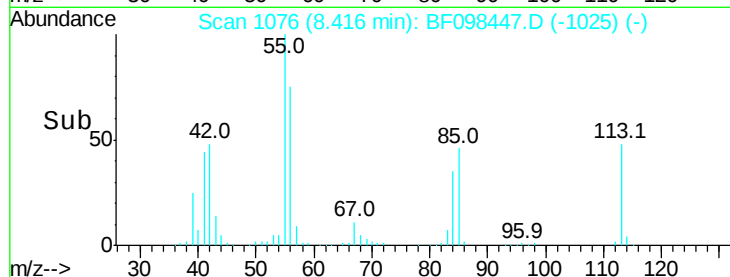
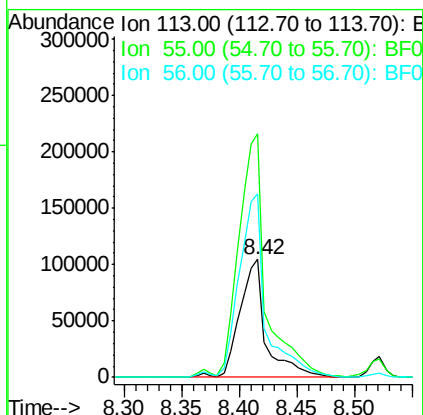
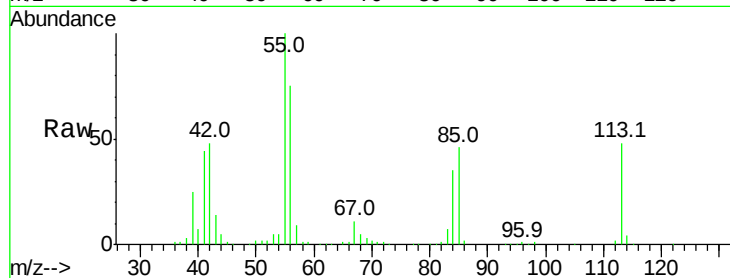
#35
 Caprolactam
 Concen: 41.447 ng/ml
 RT: 8.42 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	206.9	150.2	190.2#
56	155.8	107.8	147.8#

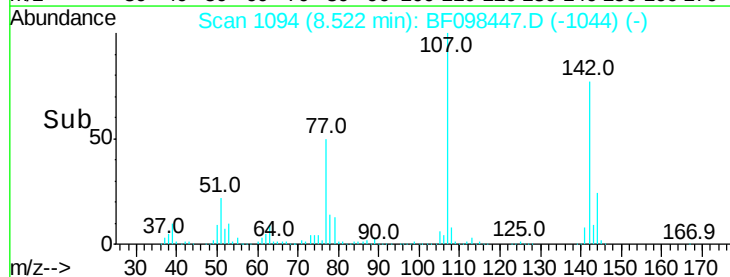
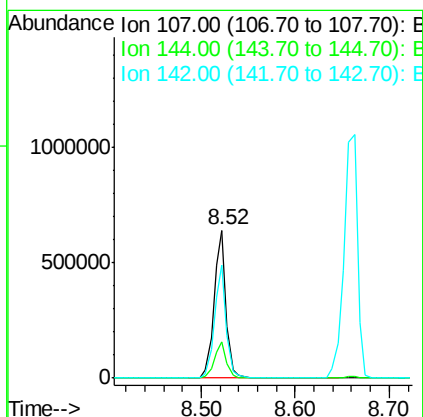
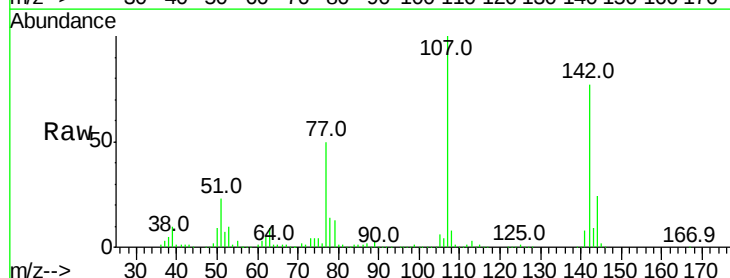
Manual Integrations
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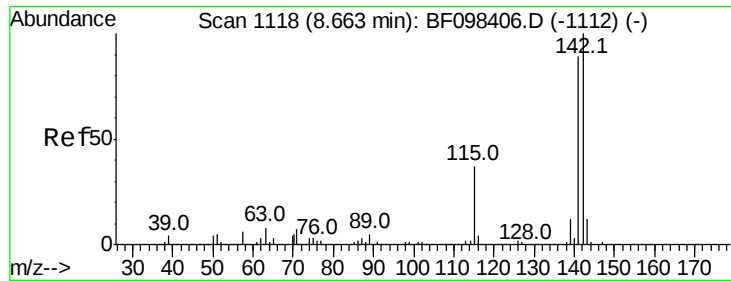
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#36
 4-Chloro-3-methylphenol
 Concen: 39.761 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	24.2	36.4
142	76.6	73.4	110.0





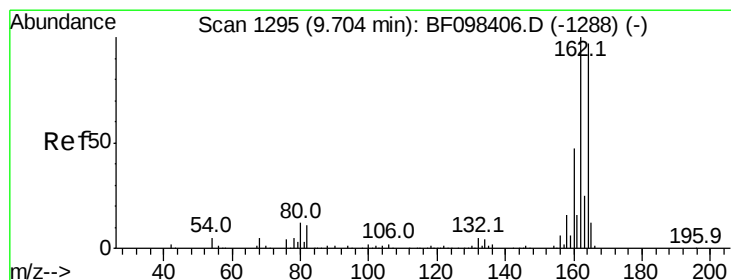
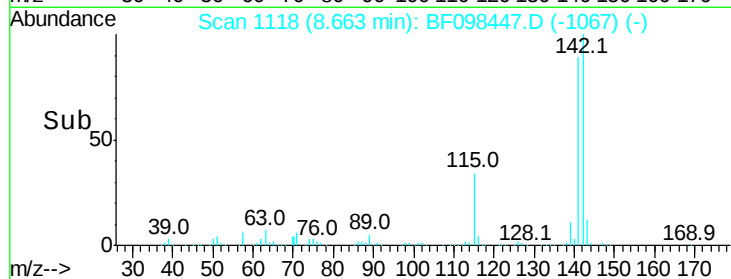
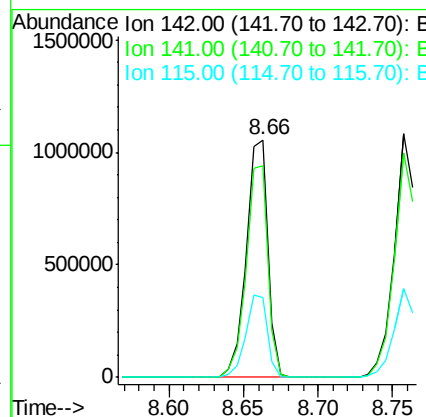
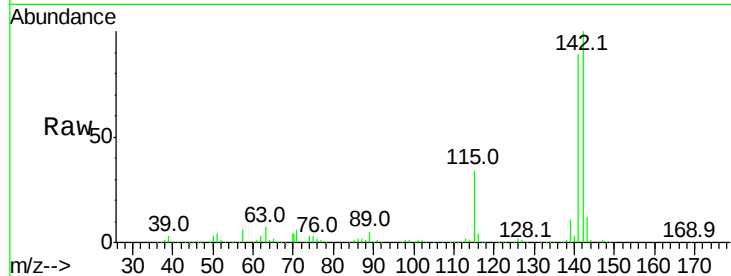
#37
 2-Methylnaphthalene
 Concen: 39.369 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	33.6	27.1	40.7

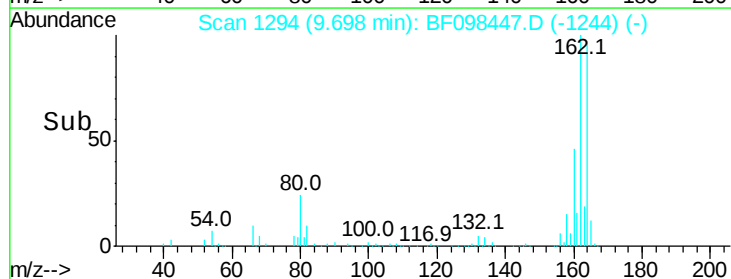
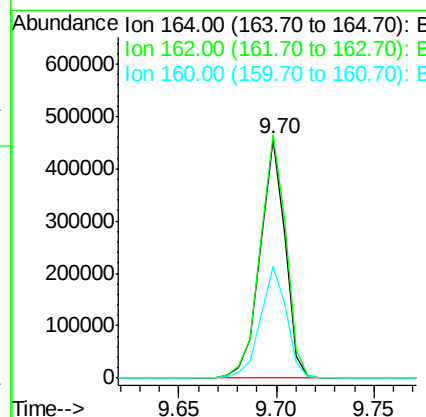
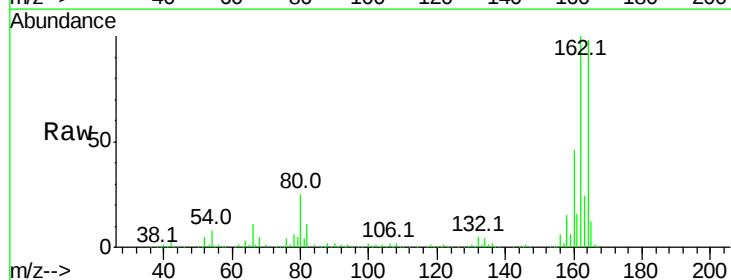
Manual Integrations
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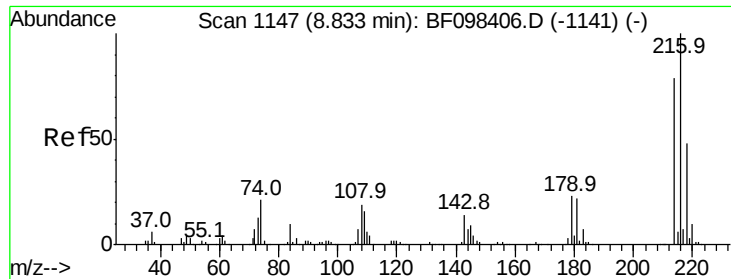
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	47.0	36.2	54.2





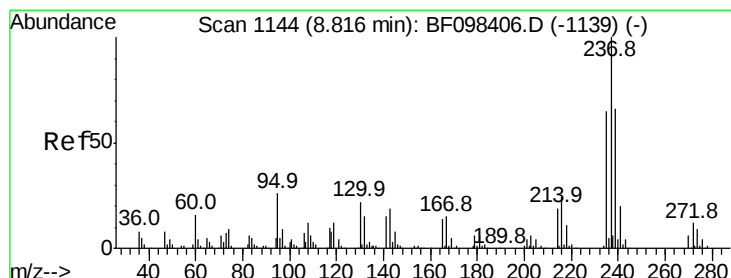
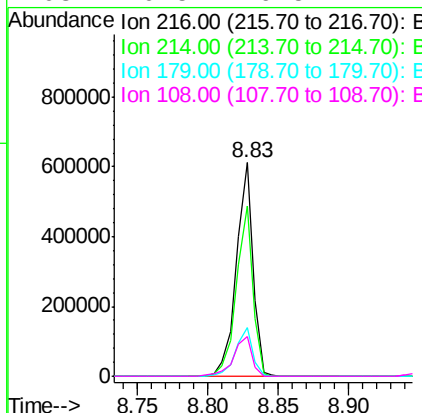
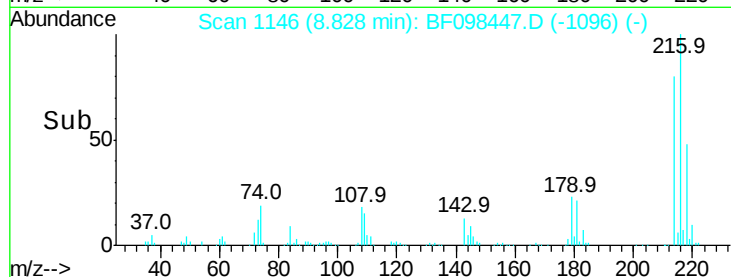
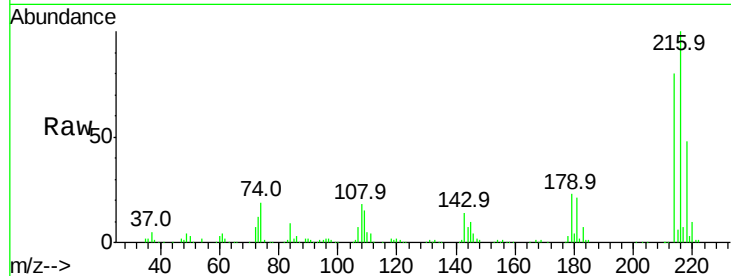
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.852 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	502938		
214	79.0		63.4	95.2
179	22.9		17.9	26.9
108	20.5		16.5	24.7

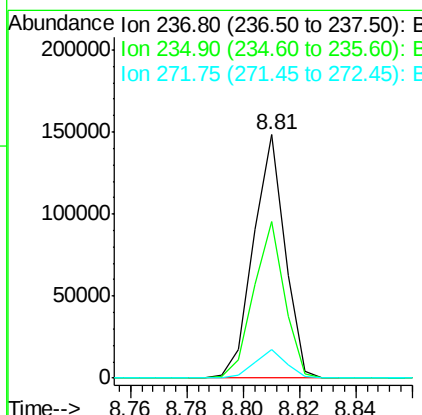
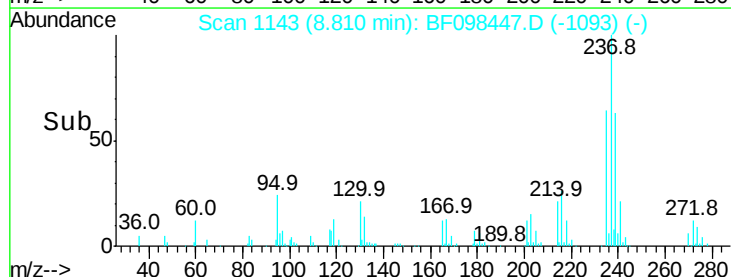
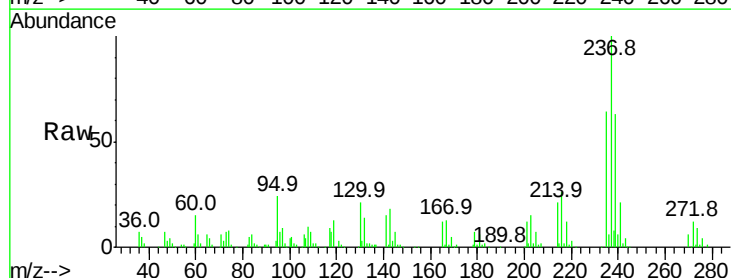
Manual Integrations
 APPROVED

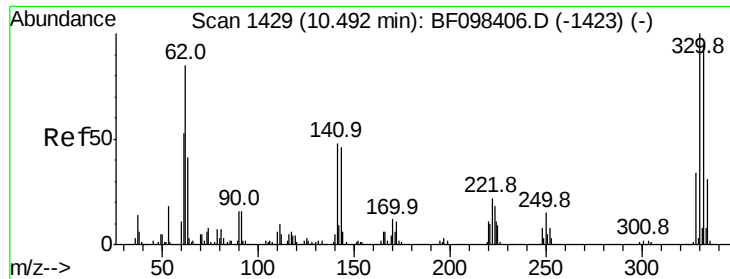
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 37.080 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	114815		
235	64.1		42.6	82.6
272	11.7		0.0	31.9





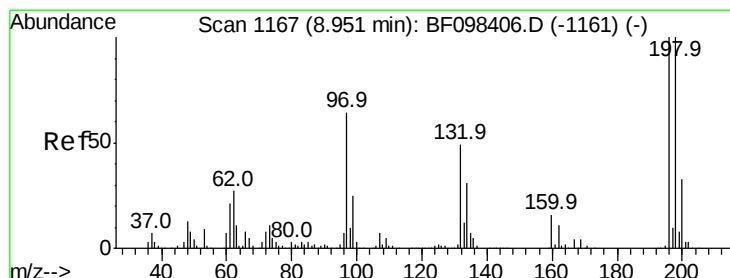
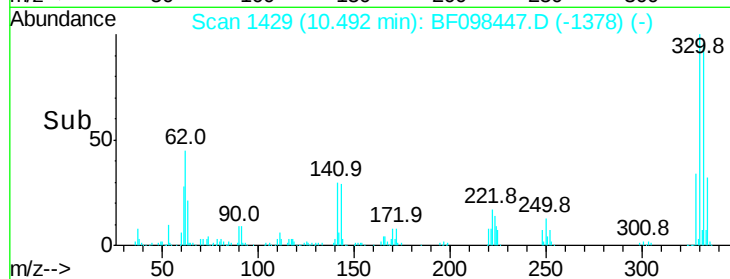
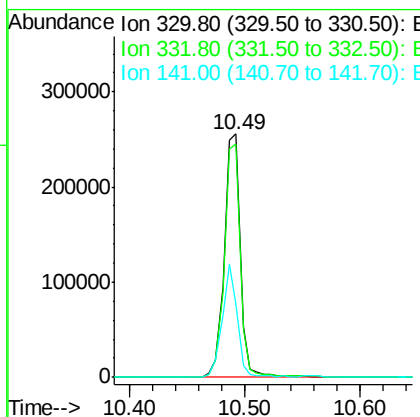
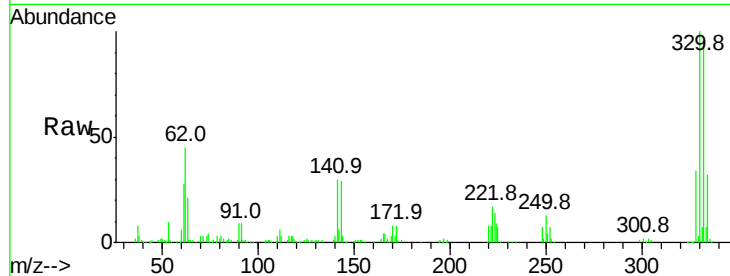
#41
 2,4,6-Tribromophenol
 Concen: 92.474 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	250047		
332	96.1	76.6	115.0	
141	43.5	31.4	47.2	

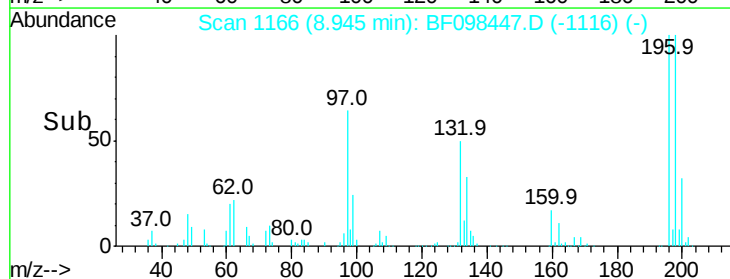
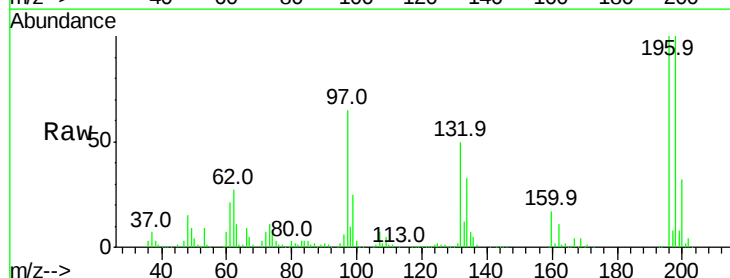
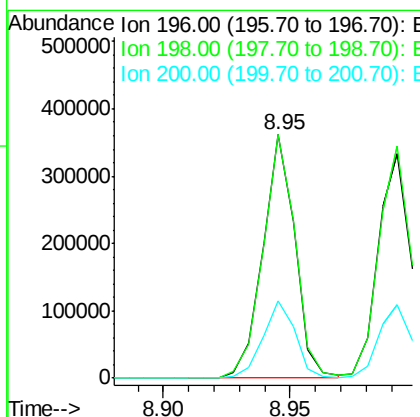
Manual Integrations
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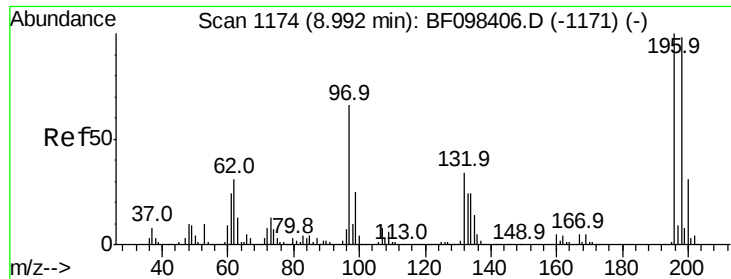
Sohil
 9/13/2017 4:59:54 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.325 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321154		
198	99.8	74.2	111.4	
200	31.6	24.0	36.0	





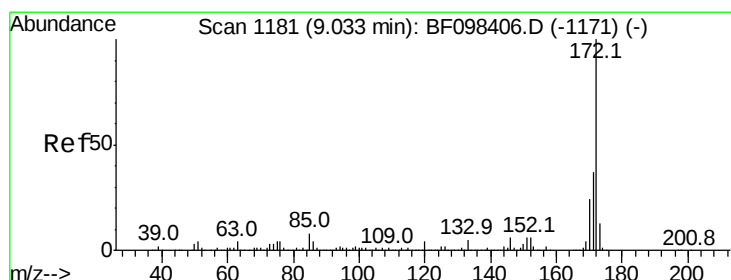
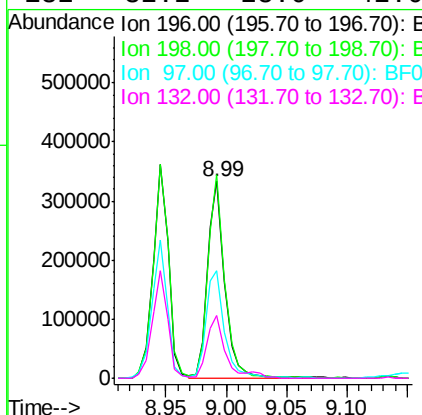
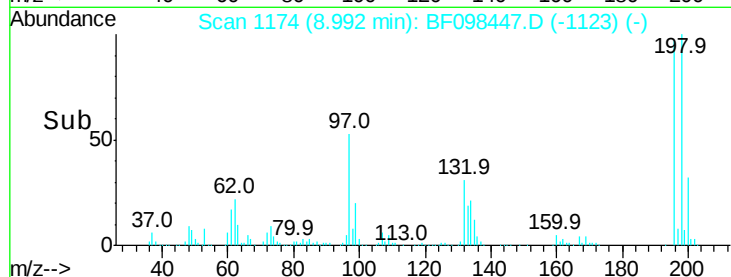
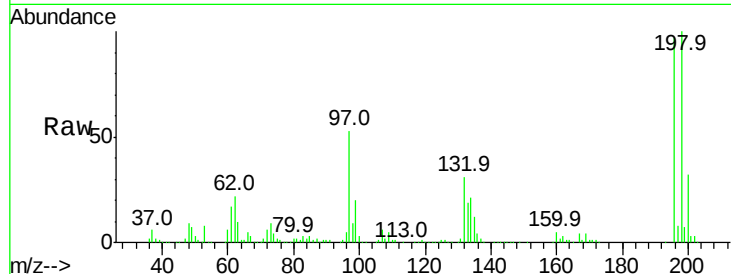
#43
2,4,5-Trichlorophenol
Concen: 41.965 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	196	Resp	325141
Ion Ratio	Lower	Upper	
196	100		
198	103.5	75.7	113.5
97	54.9	47.7	71.5
132	32.2	28.0	42.0

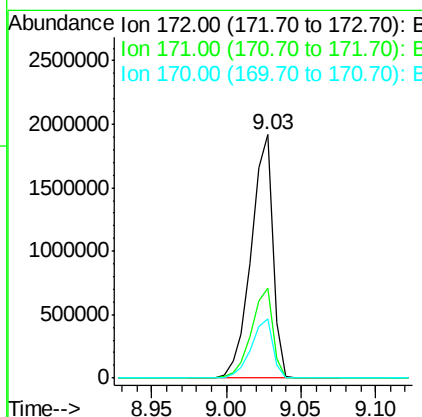
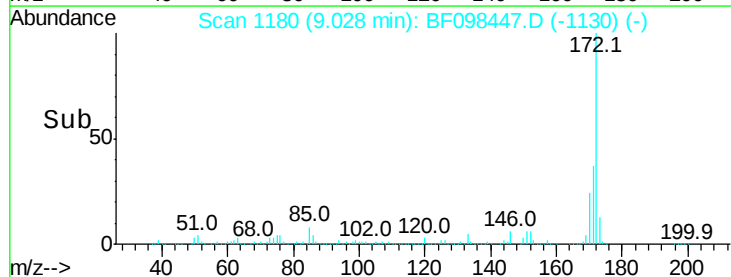
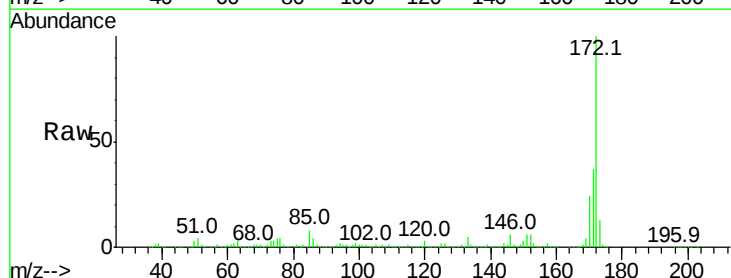
Manual Integrations
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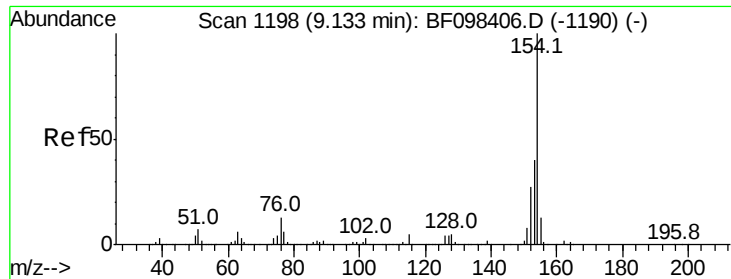
Sohil
9/13/2017 4:59:54 PM



#44
2-Fluorobiphenyl
Concen: 80.290 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	172	Resp	1919192
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	24.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 38.953 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1412526

Ion Ratio Lower Upper

154 100

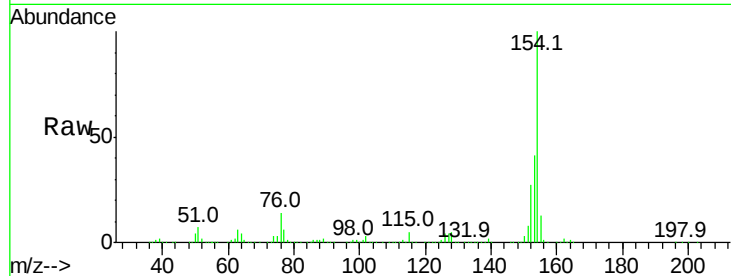
153 41.1 21.2 61.2

76 13.7 0.0 29.9

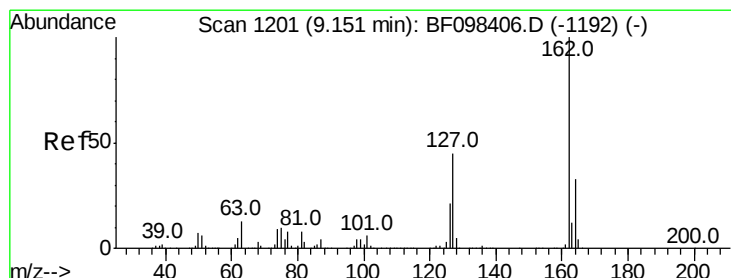
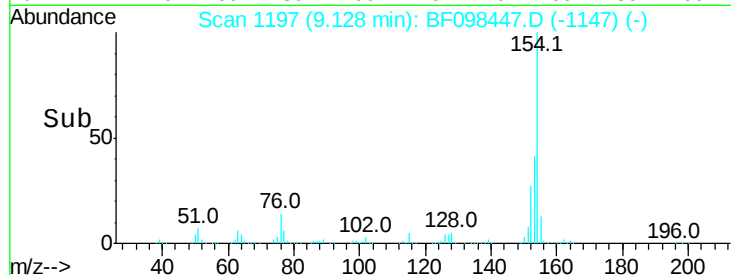
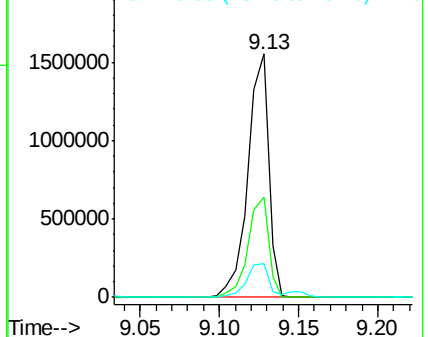
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.256 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

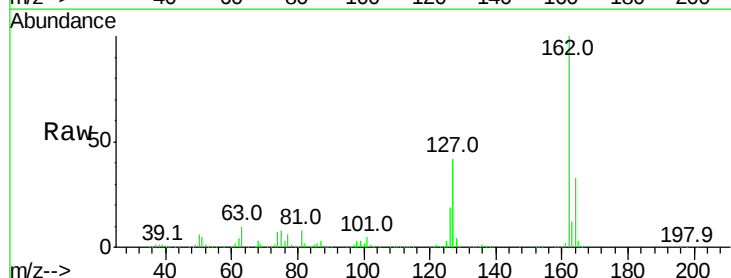
Tgt Ion:162 Resp: 1016644

Ion Ratio Lower Upper

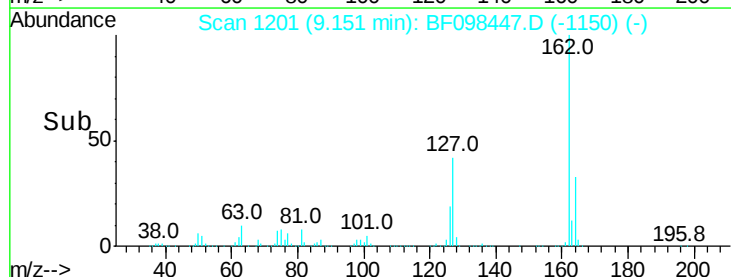
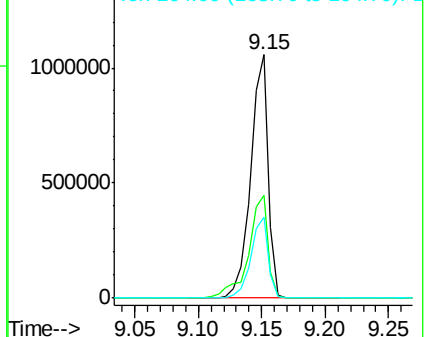
162 100

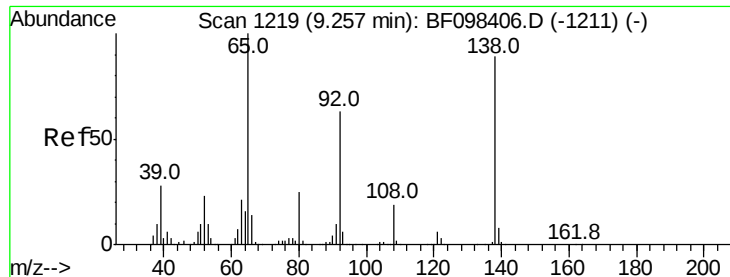
127 42.2 28.3 42.5

164 33.3 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





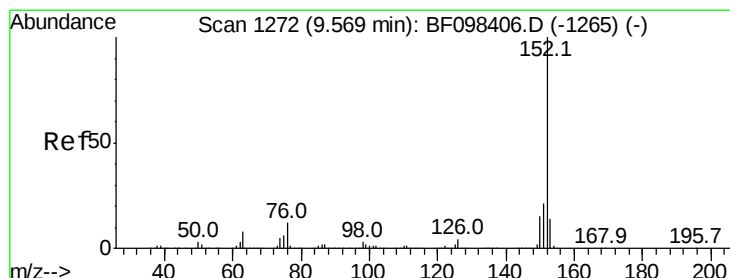
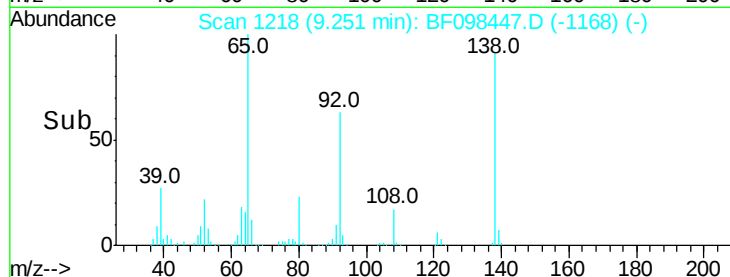
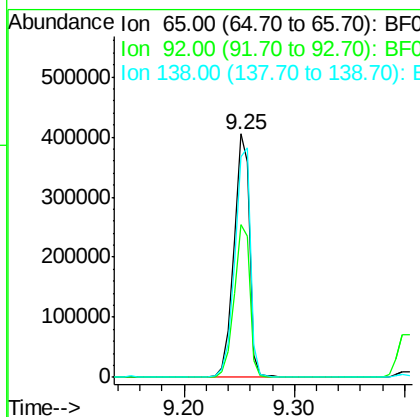
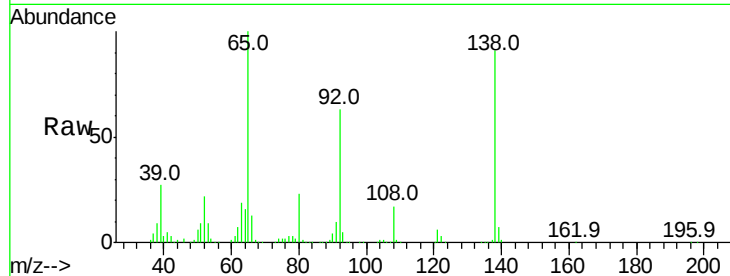
#47
2-Nitroaniline
Concen: 40.500 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	53.9	80.9
138	90.7	78.8	118.2

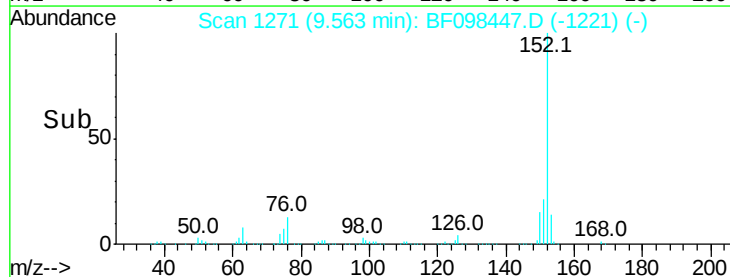
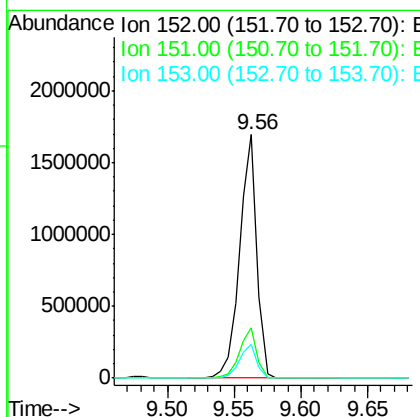
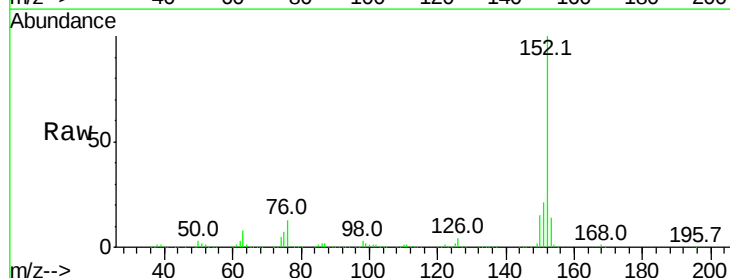
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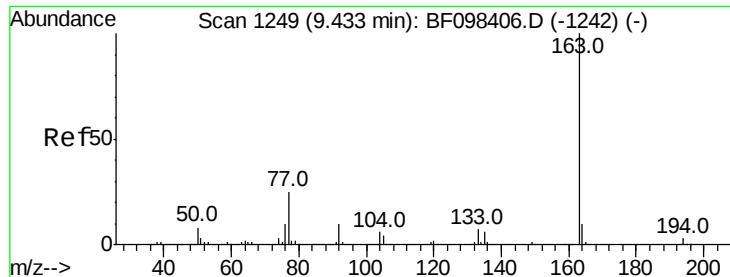
Sohil
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#48
Acenaphthylene
Concen: 39.211 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.9	10.8	16.2





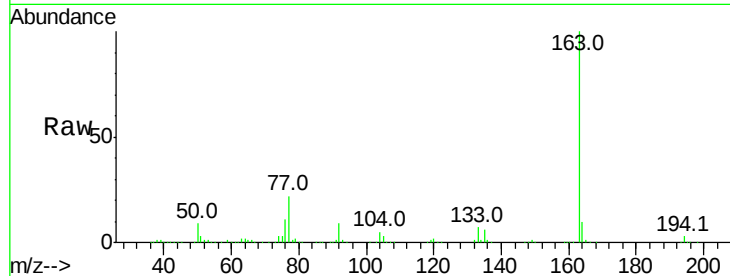
#49
Dimethylphthalate
Concen: 38.160 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

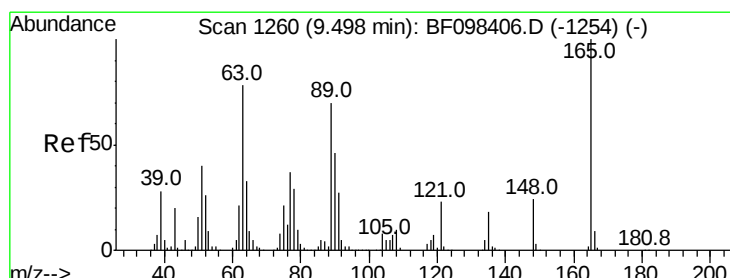
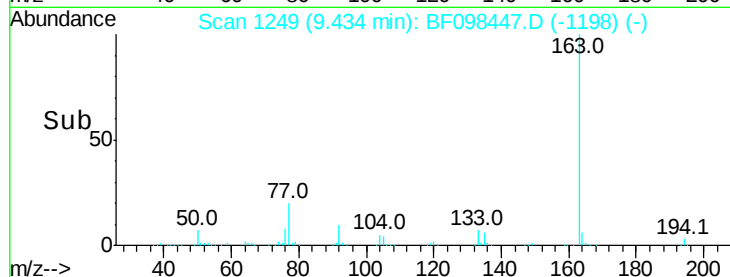
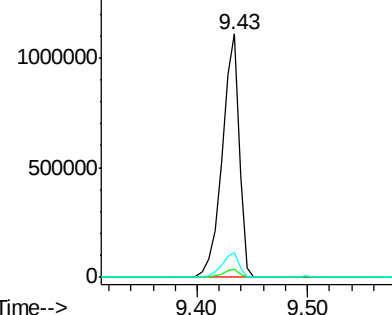
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6

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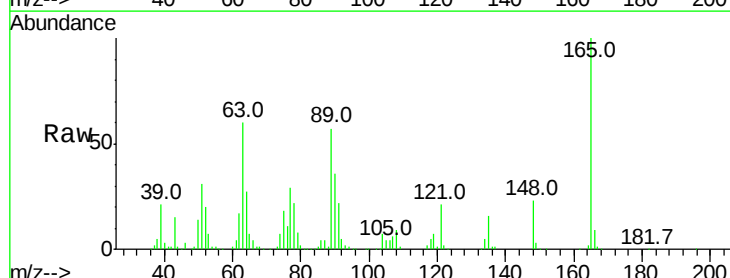


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

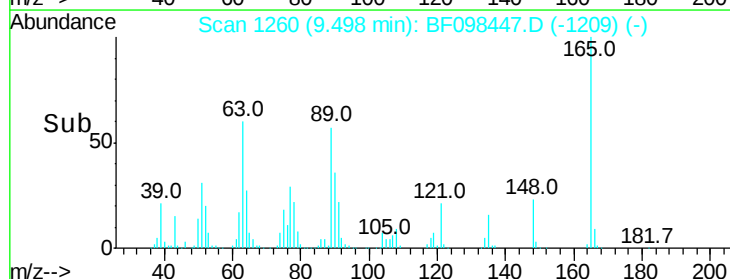
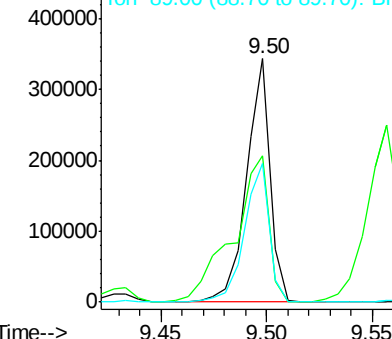


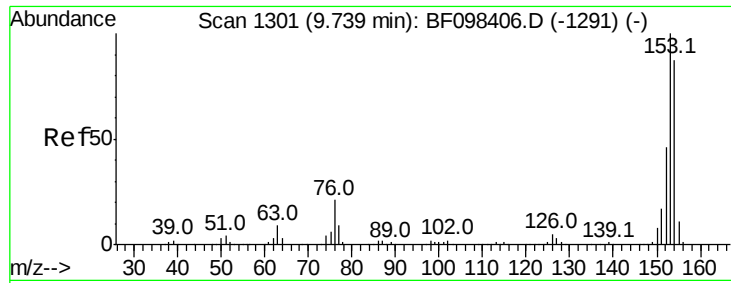
#50
2,6-Dinitrotoluene
Concen: 41.518 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.1	34.3	51.5#
89	57.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





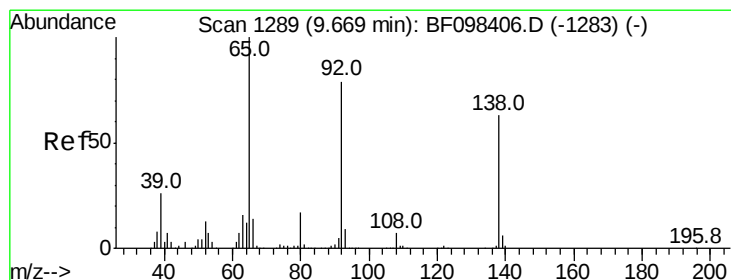
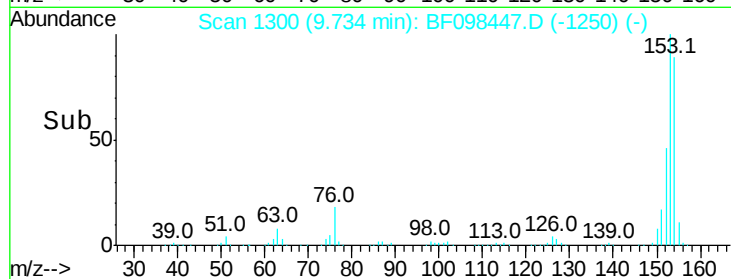
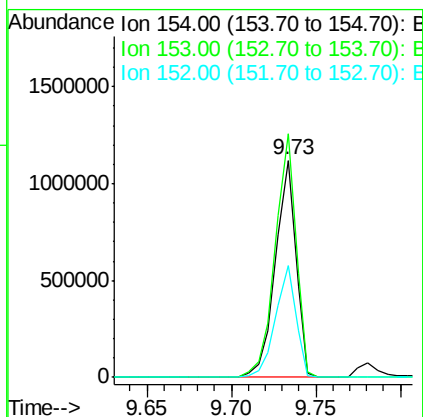
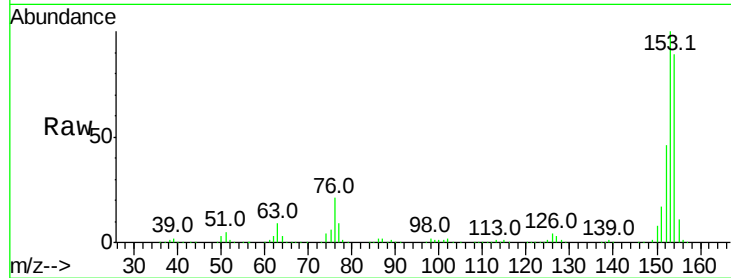
#51
Acenaphthene
Concen: 38.865 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	51.2	43.6	65.4

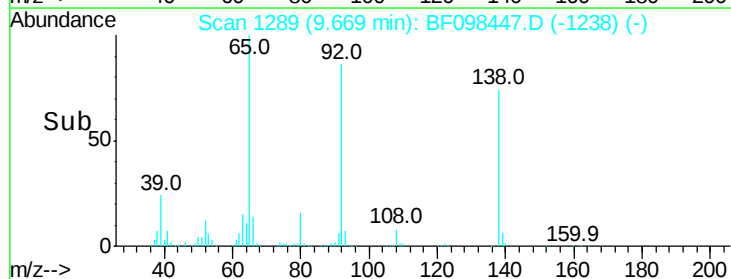
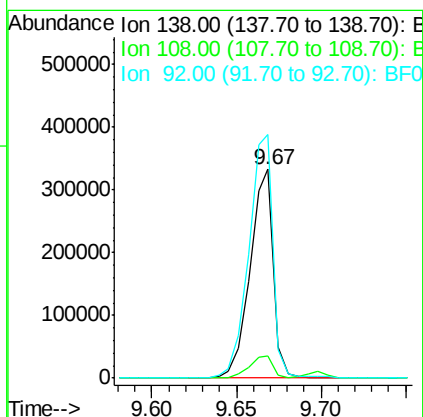
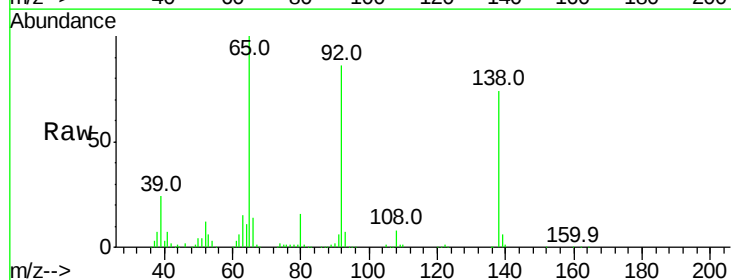
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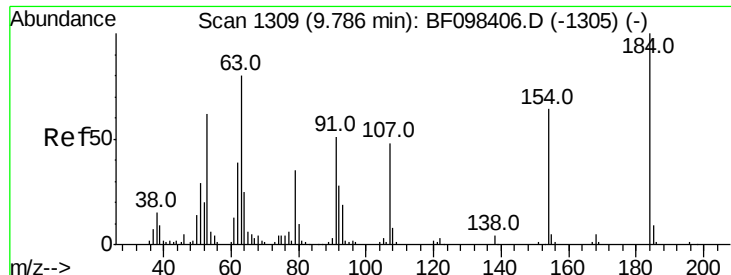
Sohil
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#52
3-Nitroaniline
Concen: 41.319 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	116.6	93.8	140.6





#53

2,4-Dinitrophenol

Concen: 42.917 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:184 Resp: 117217
Ion Ratio Lower Upper

184 100

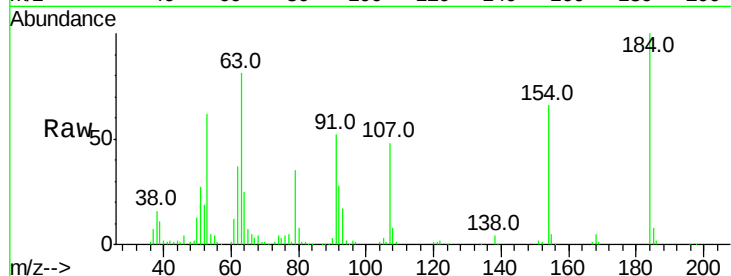
63 80.9 62.7 94.1

154 66.2 81.1 121.7#

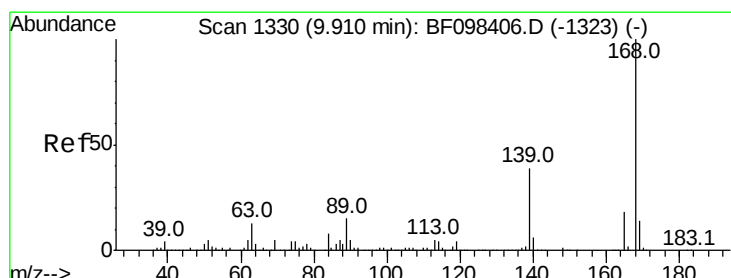
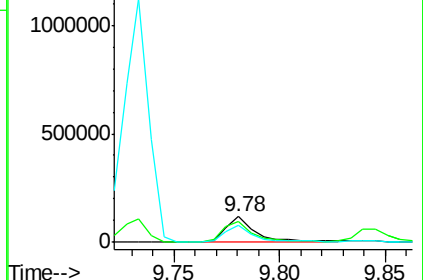
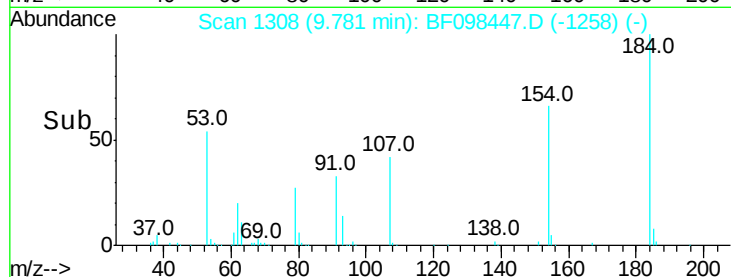
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.324 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098447.D

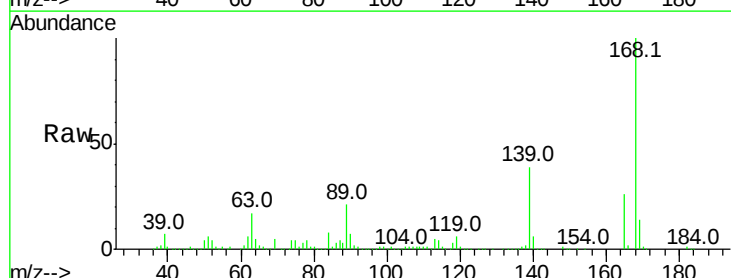
Acq: 12 Sep 2017 13:45

Tgt Ion:168 Resp: 1235811
Ion Ratio Lower Upper

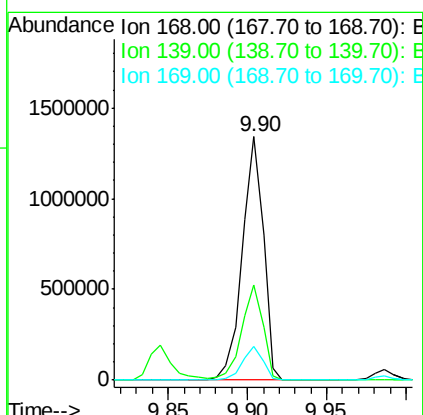
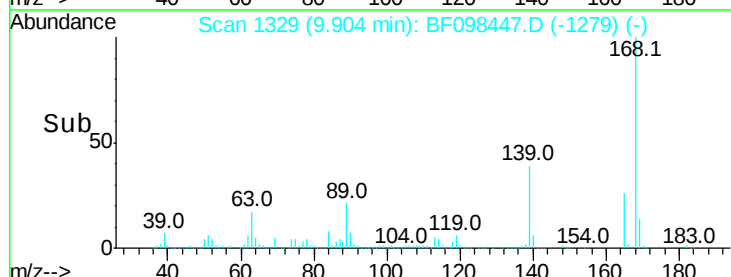
168 100

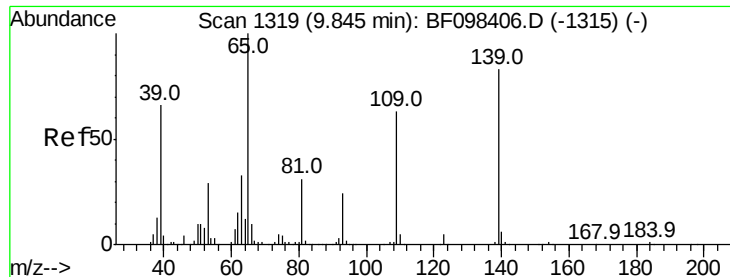
139 38.9 30.6 45.8

169 13.7 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





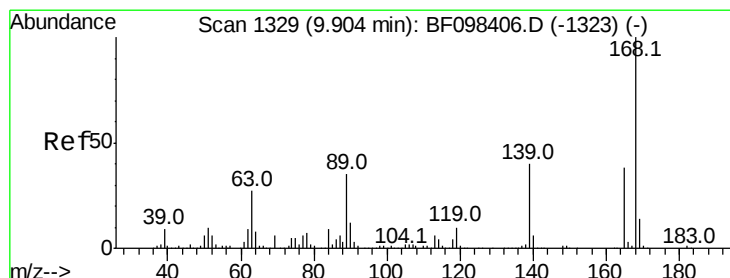
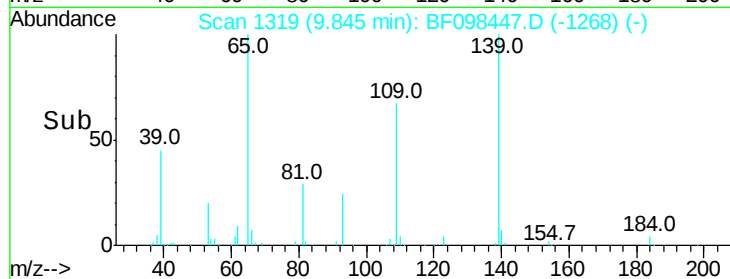
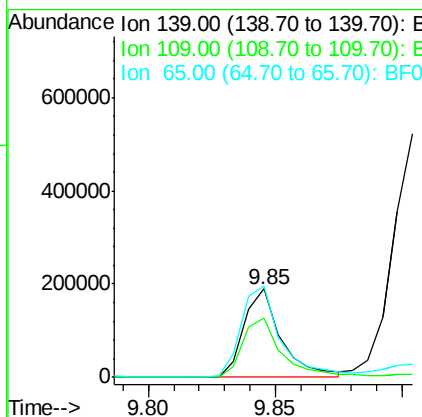
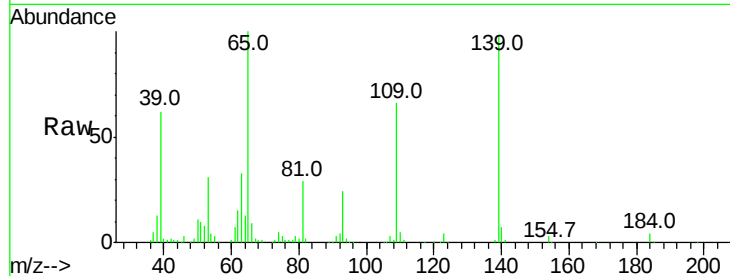
#55
4-Nitrophenol
Concen: 43.711 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.2	34.1	74.1	
65	102.3	31.4	71.4	

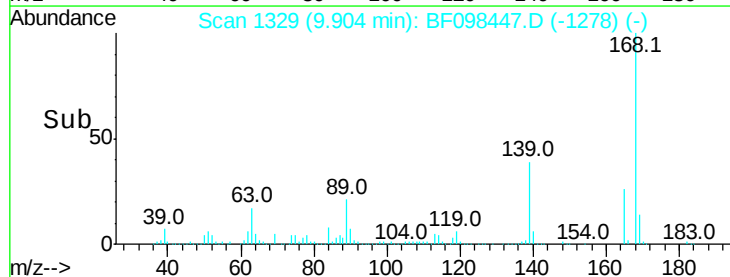
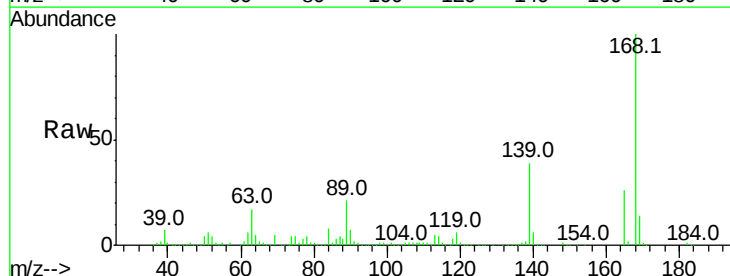
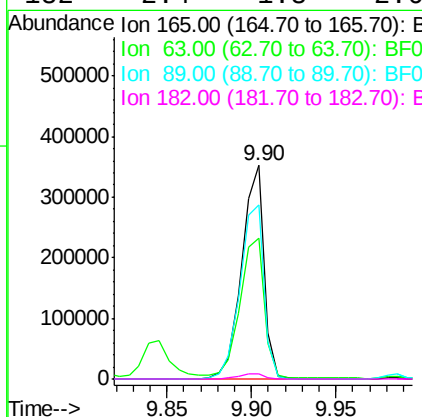
Manual Integrations
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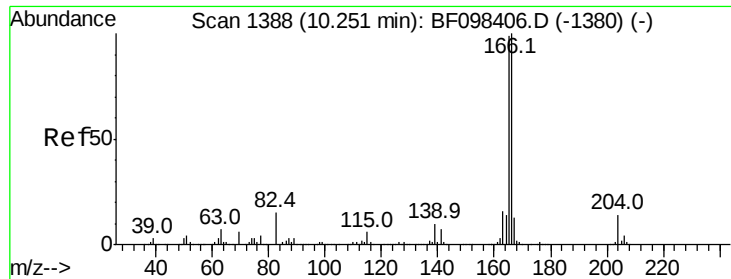
Sohil
9/13/2017 4:59:54 PM



#56
2,4-Dinitrotoluene
Concen: 41.187 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.2	25.4	38.0	
89	81.8	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 38.385 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1024504

Ion Ratio Lower Upper

166 100

165 99.3 78.8 118.2

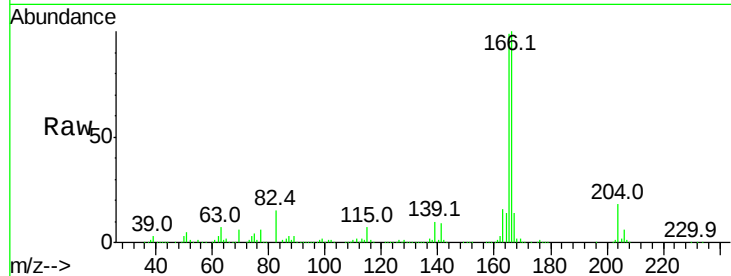
167 13.6 10.6 16.0

Manual Integrations

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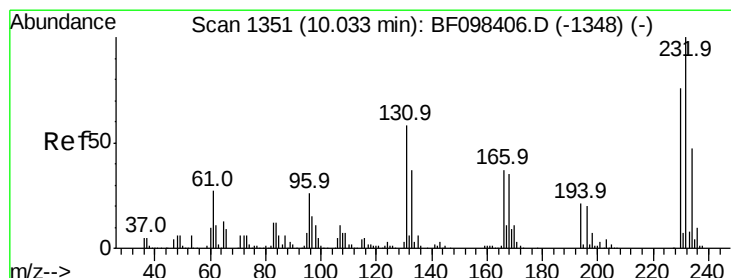
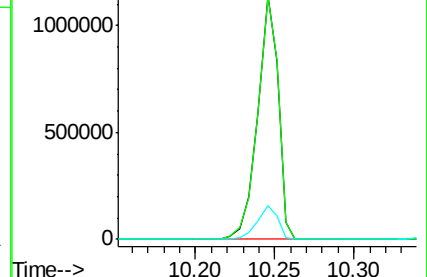
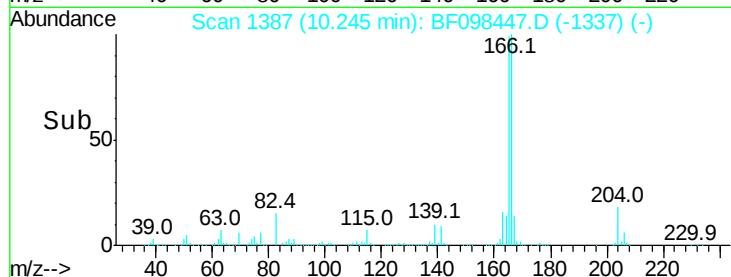
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.094 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:232 Resp: 224389

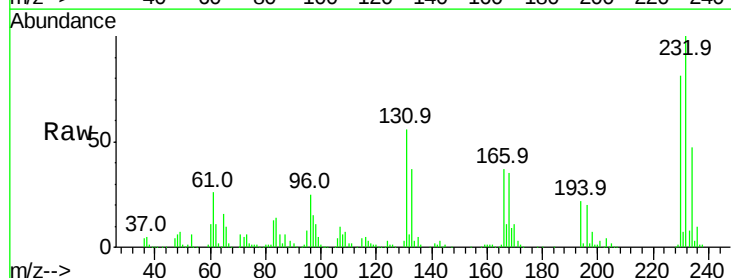
Ion Ratio Lower Upper

232 100

131 53.2 44.8 67.2

130 2.7 2.3 3.5

166 34.4 29.0 43.4

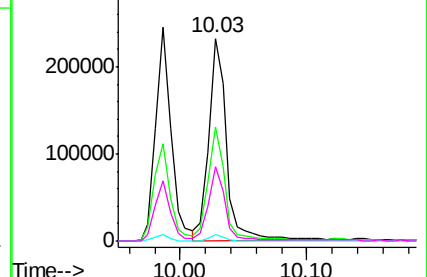
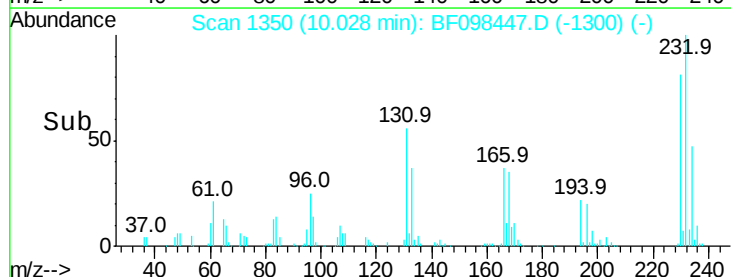


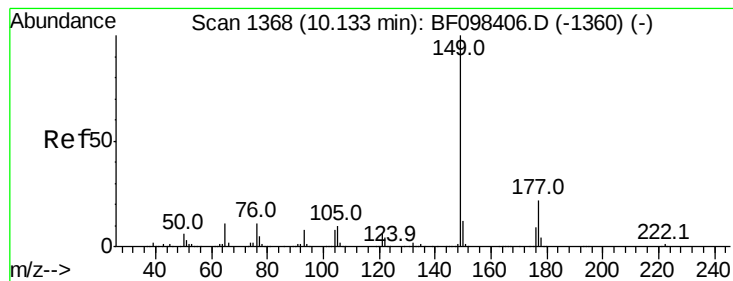
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.625 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1122170

Ion Ratio Lower Upper

149 100

177 22.4 16.7 25.1

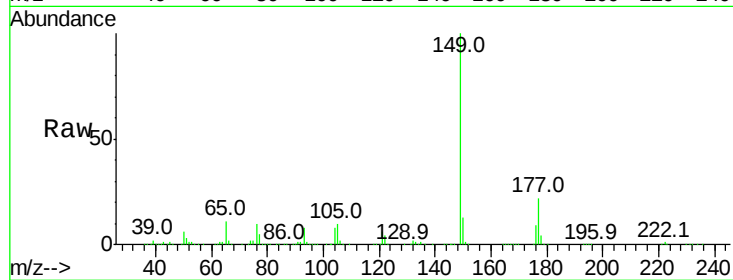
150 12.6 10.2 15.2

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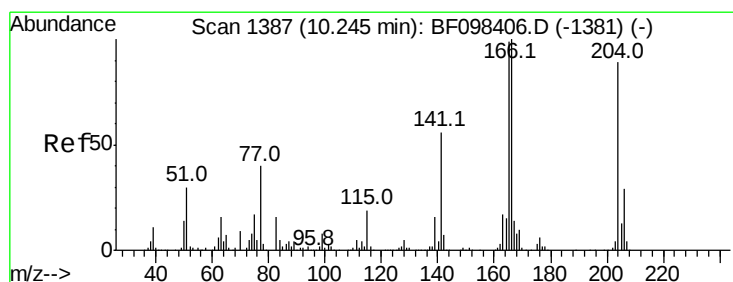
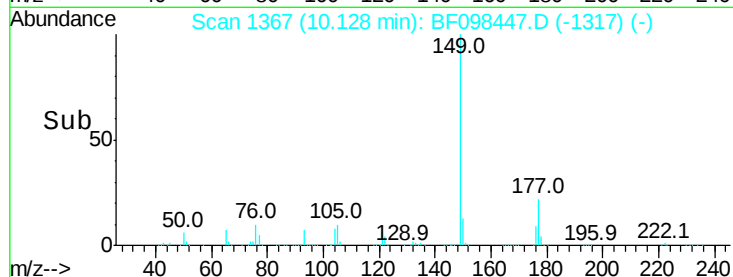
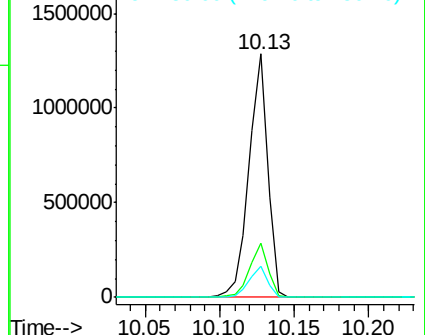
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.357 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

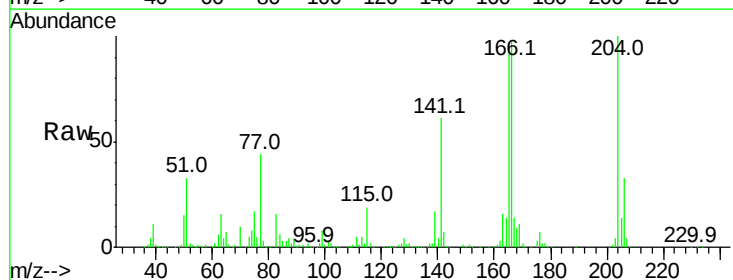
Tgt Ion:204 Resp: 472855

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

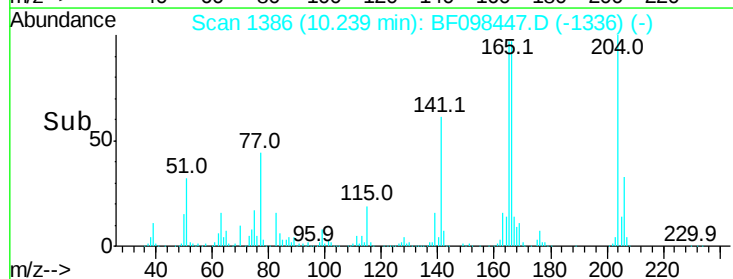
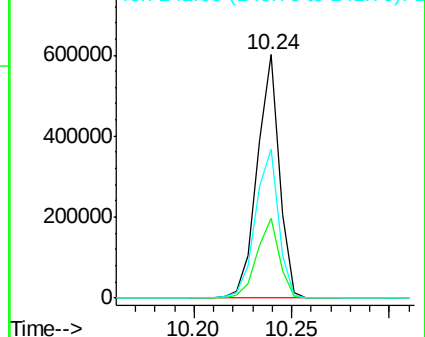
141 61.0 60.8 91.2

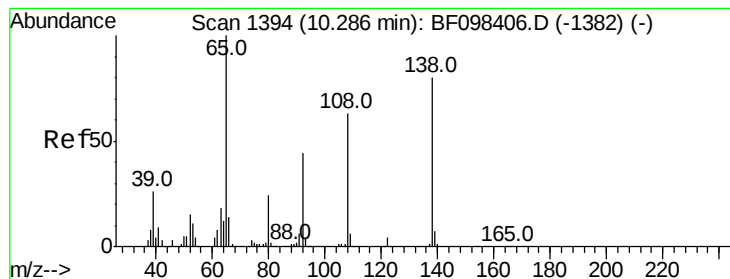


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.764 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 327982

Ion Ratio Lower Upper

138 100

92 53.6 21.8 61.8

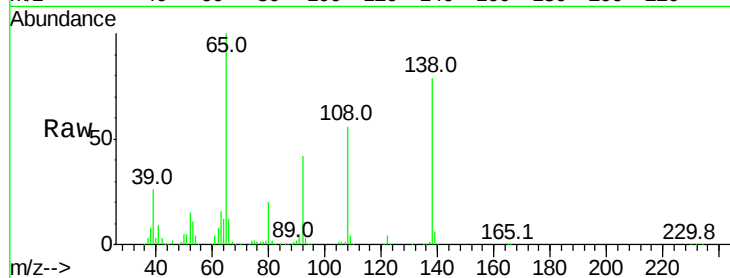
108 70.6 42.3 82.3

Manual Integrations

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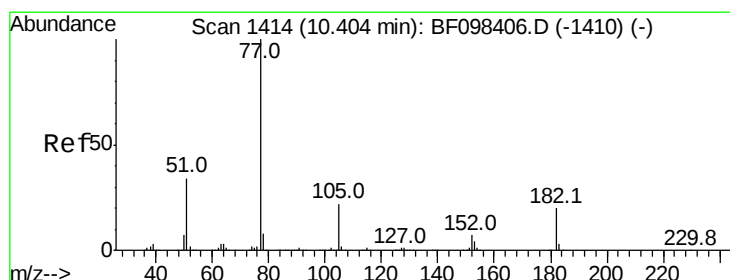
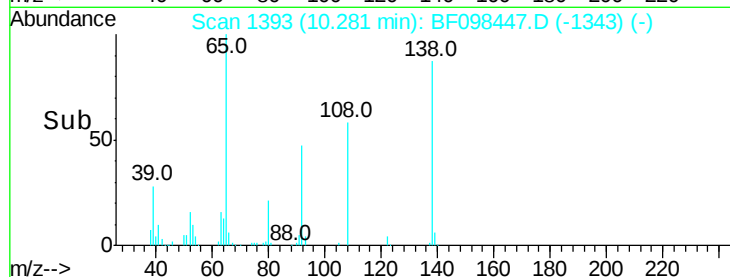
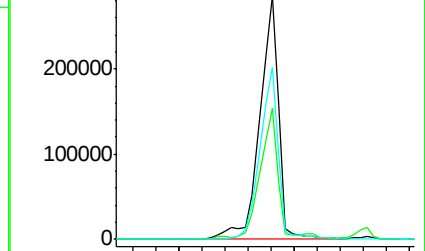
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.694 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion: 77 Resp: 1147408

Ion Ratio Lower Upper

77 100

182 21.6 0.1 40.1

105 22.2 3.6 43.6

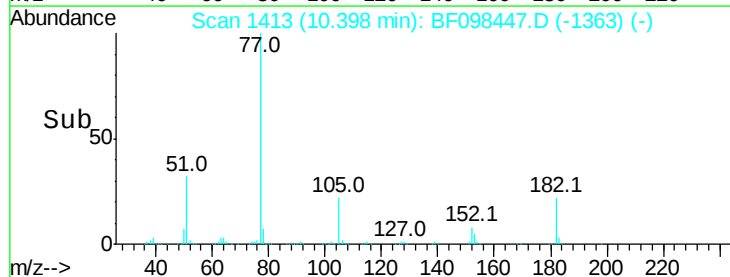
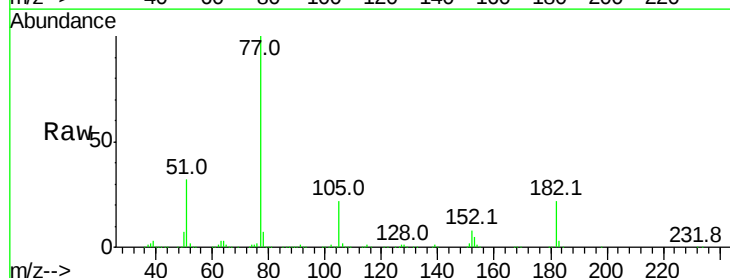
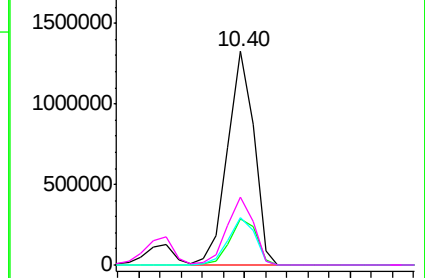
51 31.9 9.4 49.4

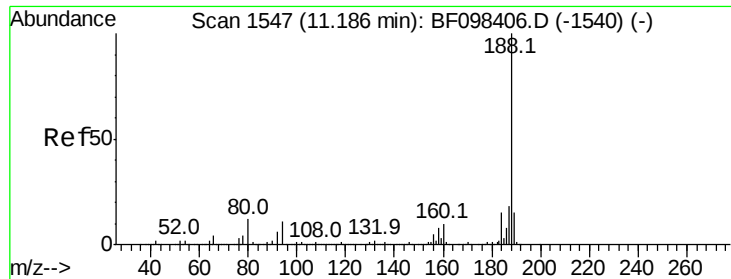
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





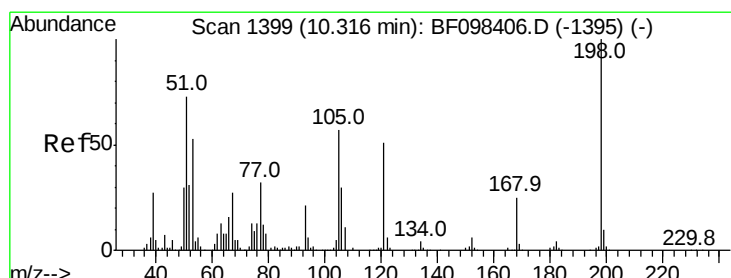
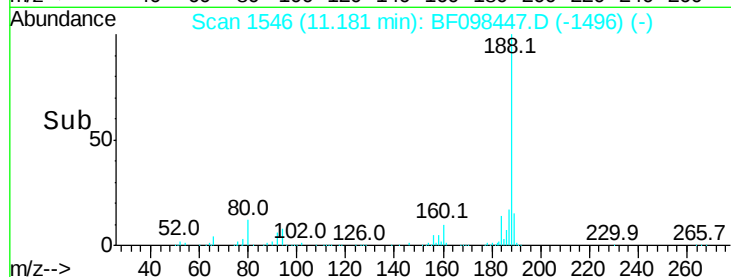
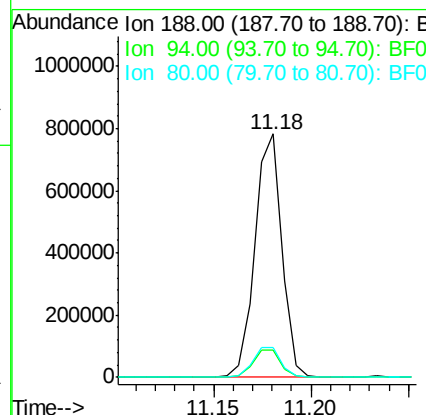
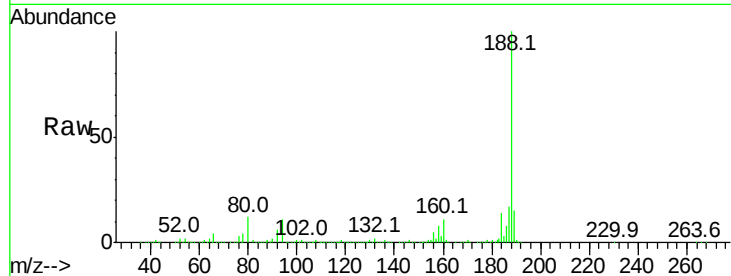
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	9.4	14.2
80	12.1	10.2	15.2

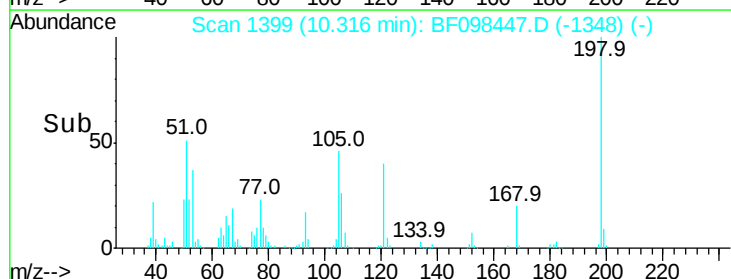
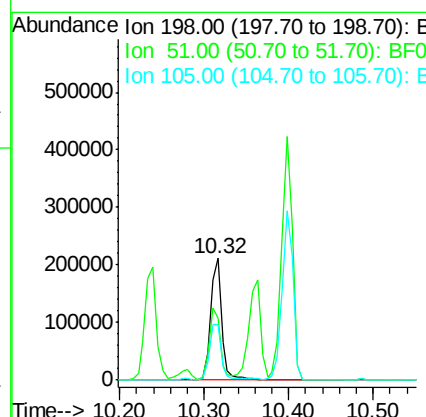
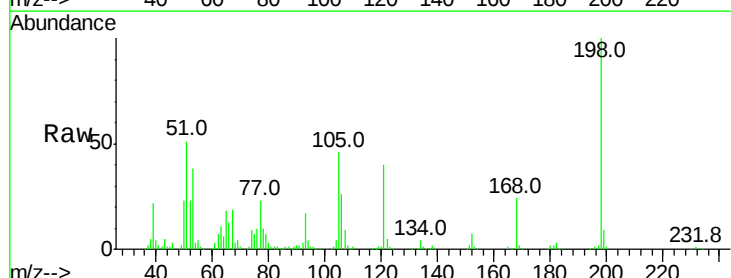
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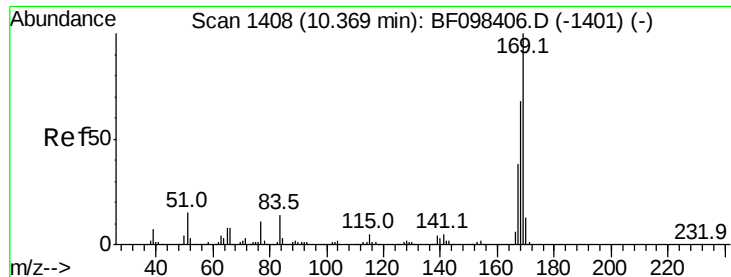
Sohil
9/13/2017 4:59:54 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.214 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	50.8	53.2	93.2#
105	46.1	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 38.866 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

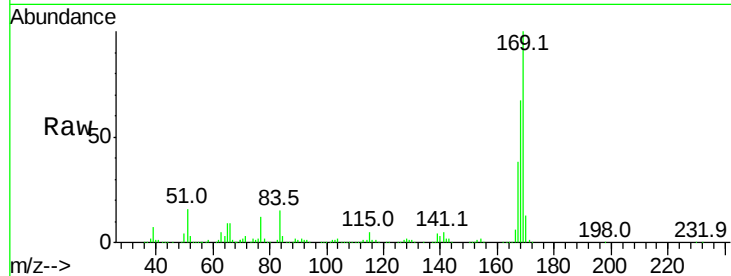
ClientSampled :

SSTDCCC040

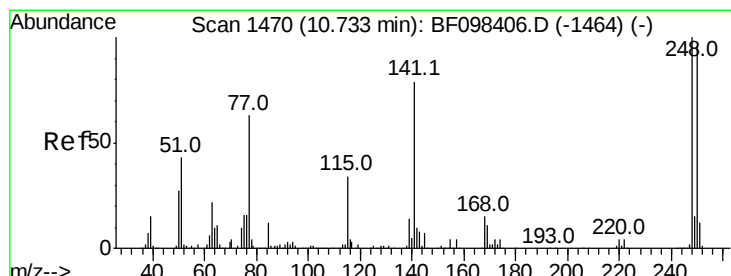
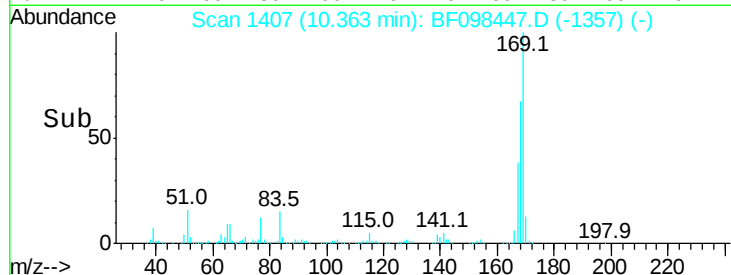
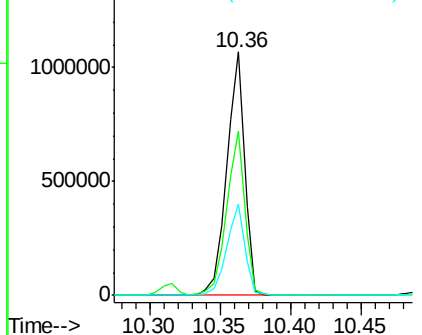
Tot Ion:	169	Resp:	941827
Ion Ratio	Lower	Upper	
169	100		
168	67.3	53.2	79.8
167	37.6	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.787 ng

RT: 10.73 min Scan# 1469

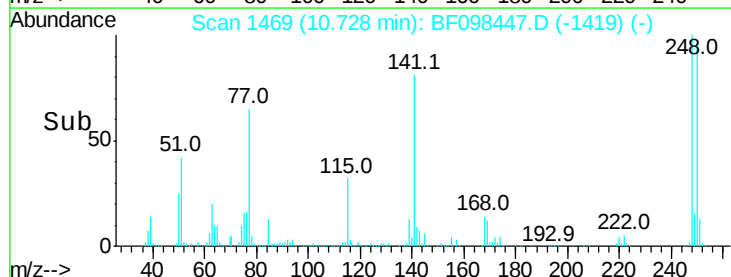
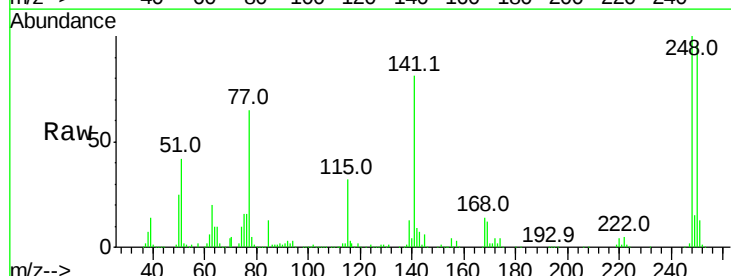
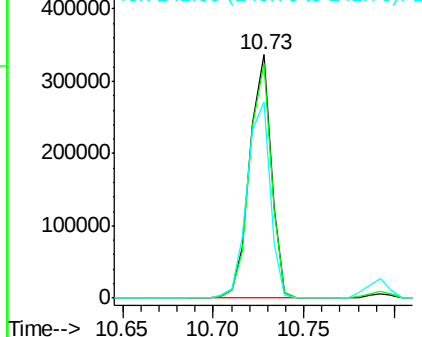
Delta R.T. -0.01 min

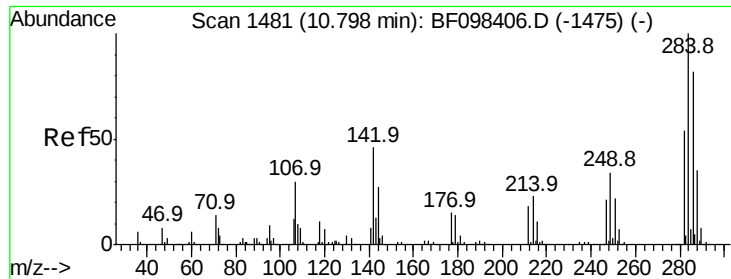
Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:	248	Resp:	281815
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.8	115.2
141	80.9	68.6	103.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





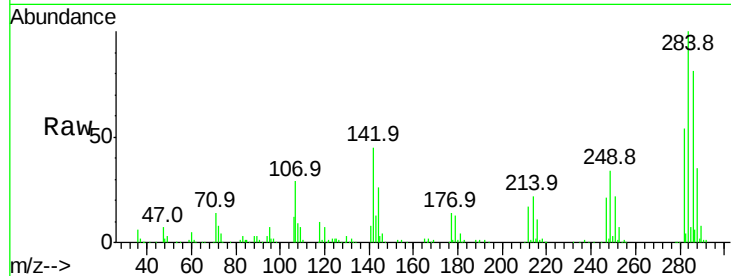
#67
Hexachlorobenzene
Concen: 40.701 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

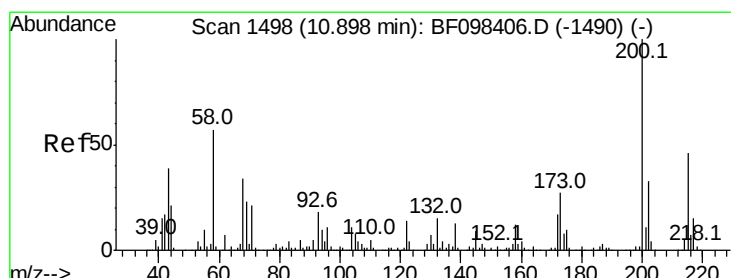
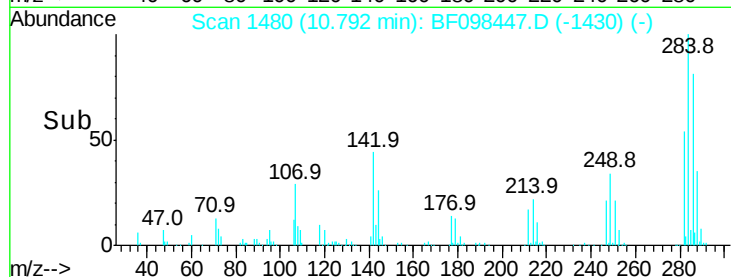
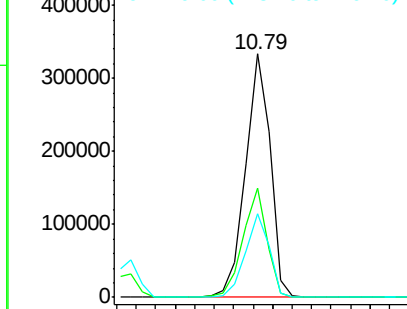
Tot Ion	Ratio	Resp	Lower	Upper
284	100	292423		
142	44.8	22.8	34.2#	
249	34.3	24.0	36.0	

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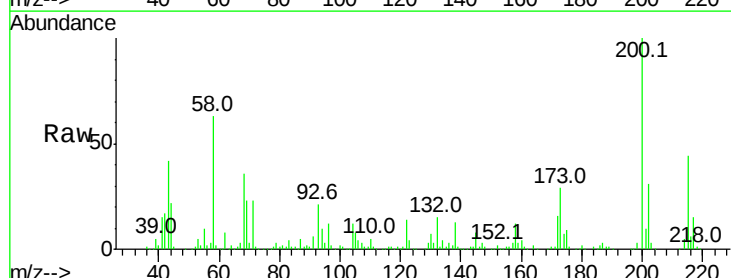


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

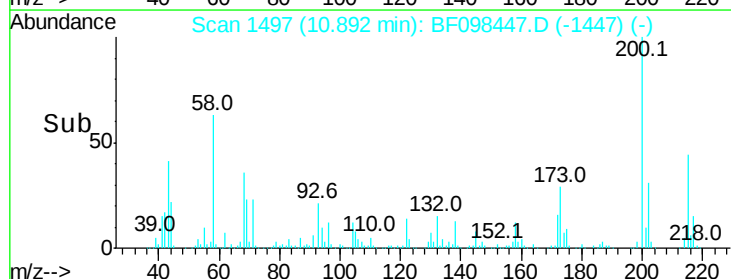
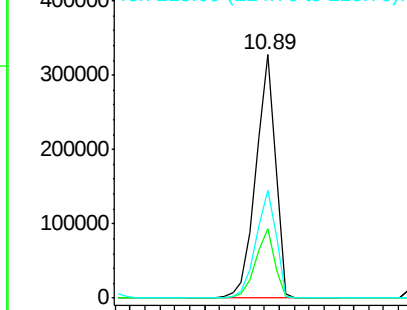


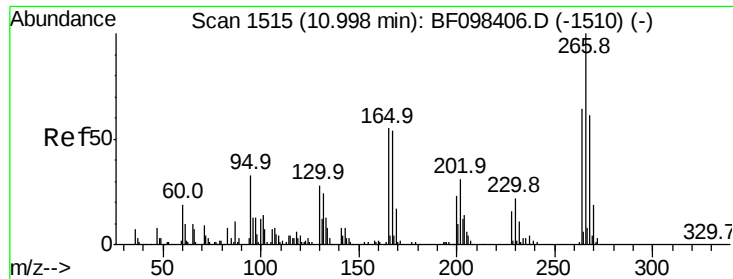
#68
Atrazine
Concen: 39.507 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	294734		
173	28.5	6.3	46.3	
215	44.1	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





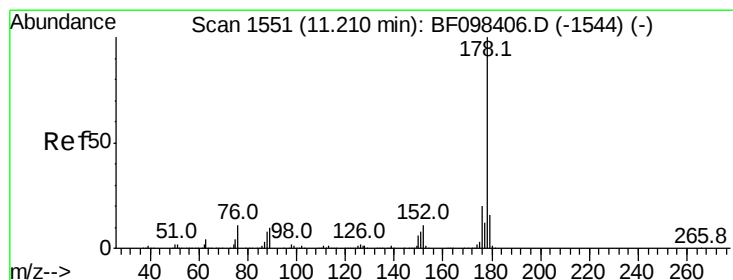
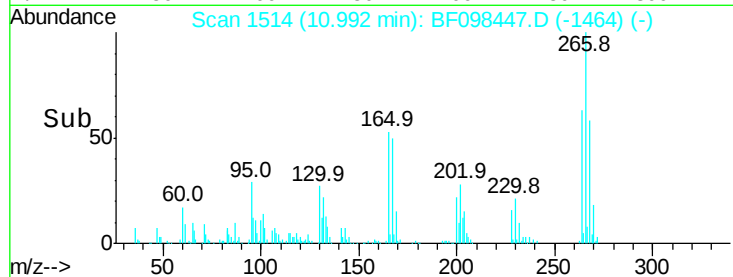
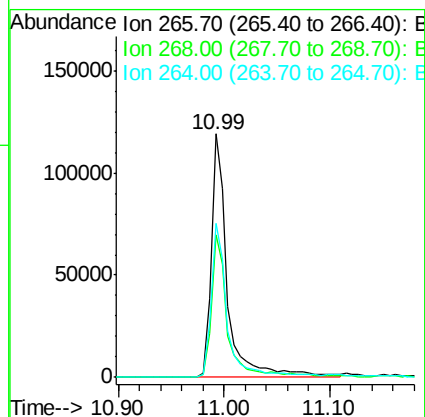
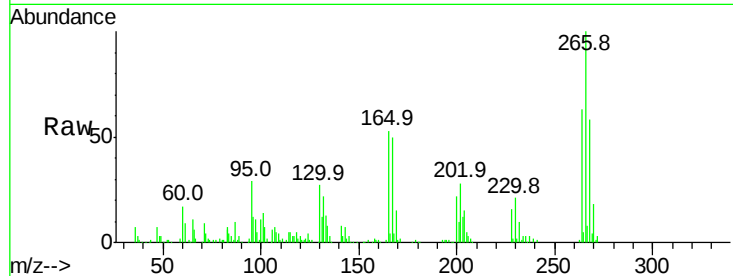
#69
 Pentachlorophenol
 Concen: 43.767 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	266	Resp:	128252
Ion Ratio	Lower	Upper	
266	100		
268	58.3	51.1	76.7
264	63.2	51.7	77.5

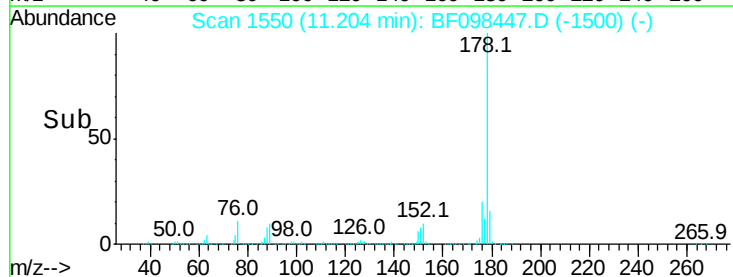
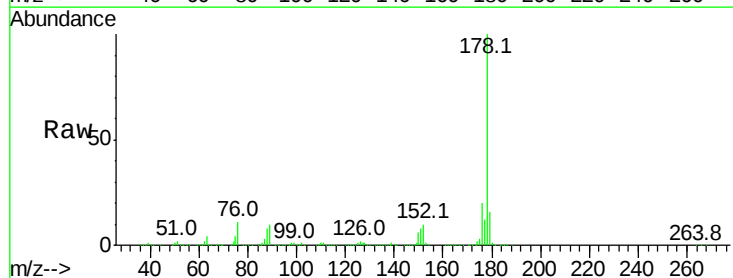
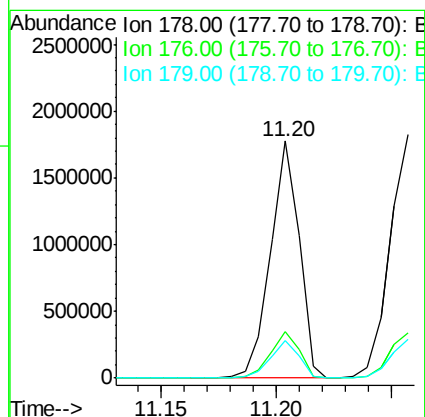
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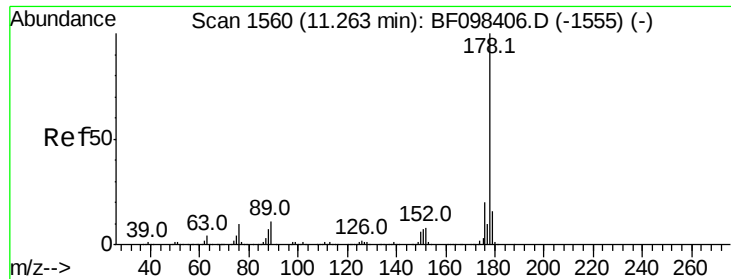
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 9/13/2017 4:59:54 PM



#70
 Phenanthrene
 Concen: 38.873 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion:	178	Resp:	1537961
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.2	24.4
179	15.6	12.6	19.0





#71
 Anthracene
 Concen: 38.809 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

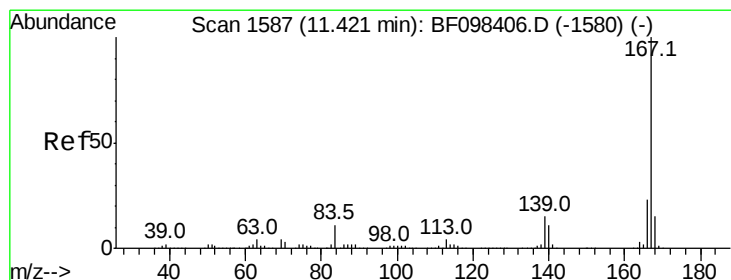
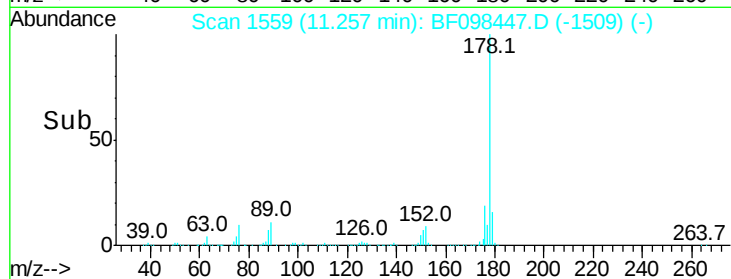
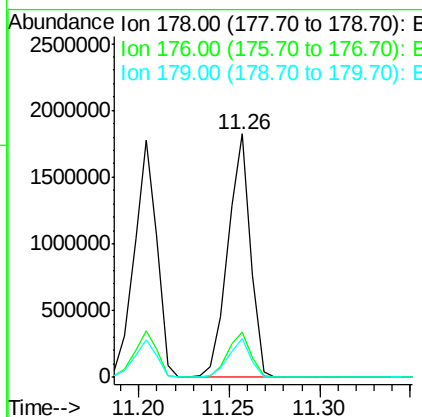
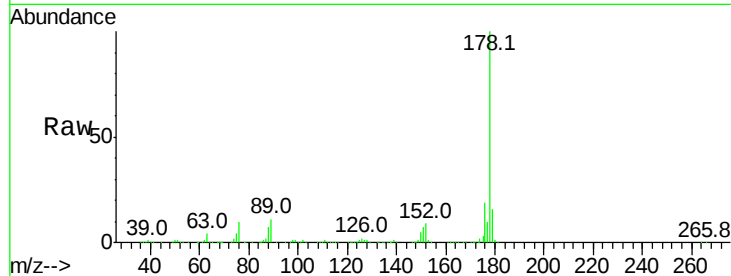
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1576427

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.9	12.7	19.1

Manual Integrations
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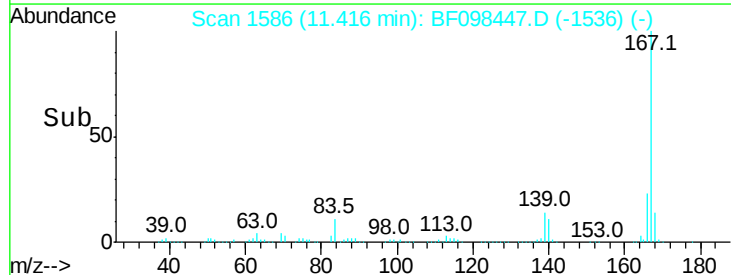
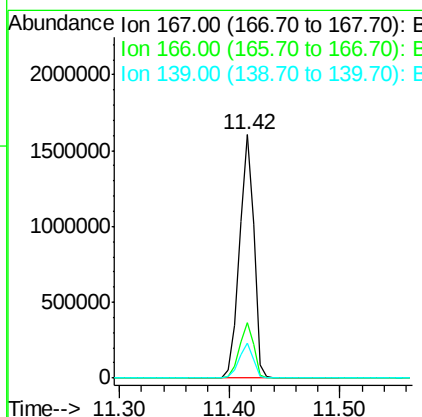
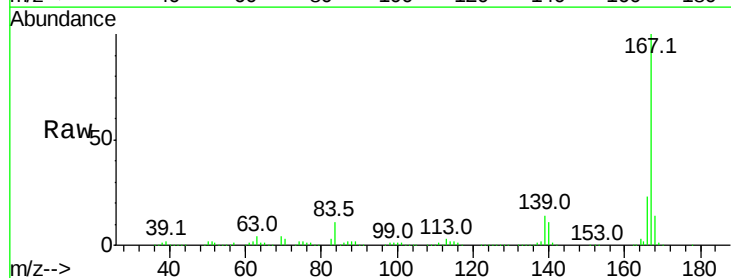
Sohil
 9/13/2017 4:59:54 PM

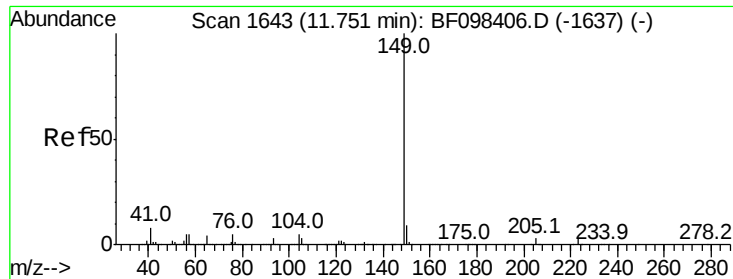


#72
 Carbazole
 Concen: 39.174 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion:167 Resp: 1482978

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 38.336 ng

RT: 11.75 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

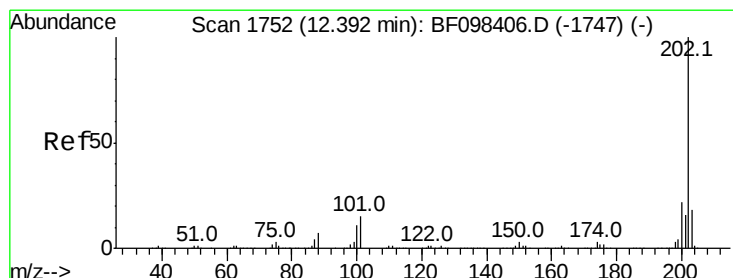
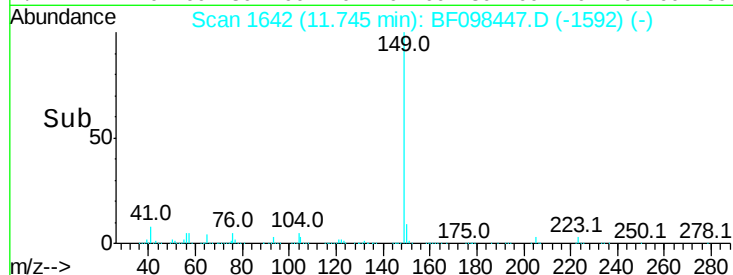
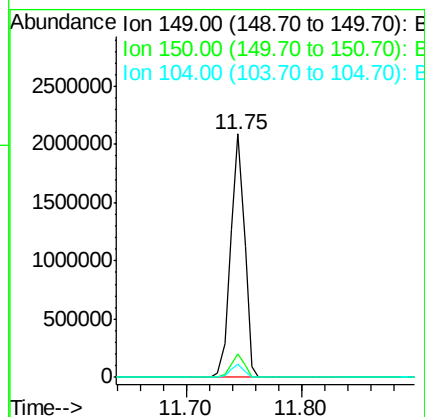
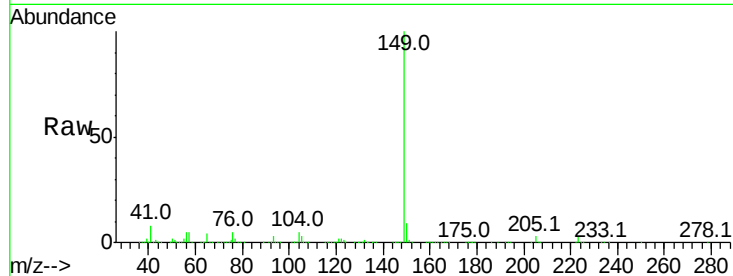
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1738813
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.3	4.0	6.0

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#74

Fluoranthene

Concen: 39.434 ng

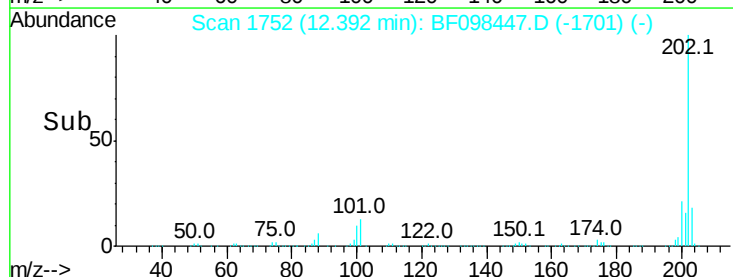
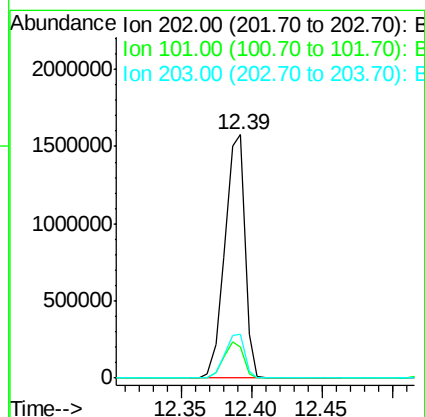
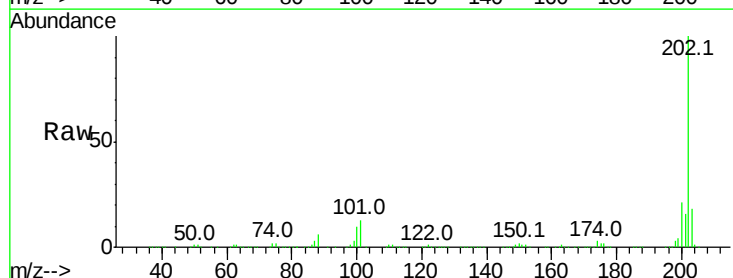
RT: 12.39 min Scan# 1752

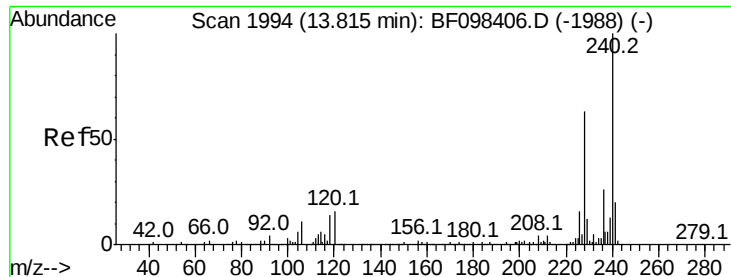
Delta R.T. 0.00 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:	202	Resp:	1561848
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 570509

Ion Ratio Lower Upper

240 100

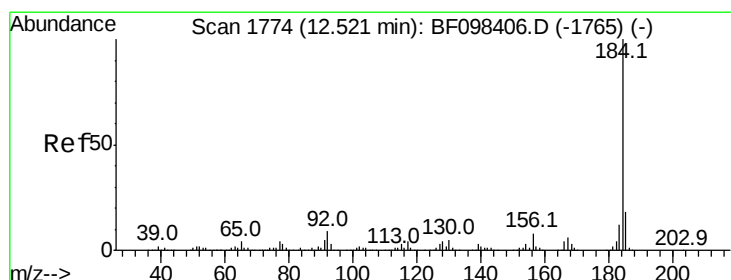
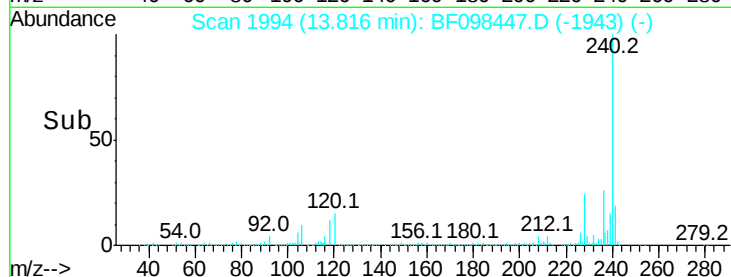
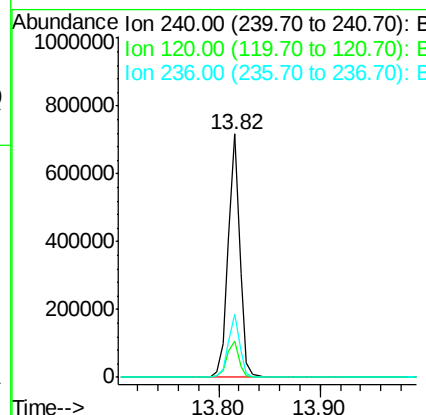
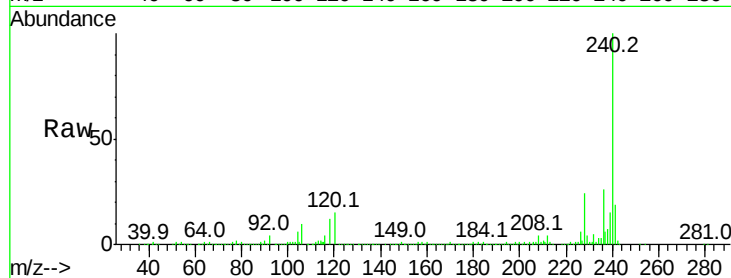
120 14.6 5.8 8.8#

236 26.2 20.5 30.7

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#76

Benzidine

Concen: 36.998 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

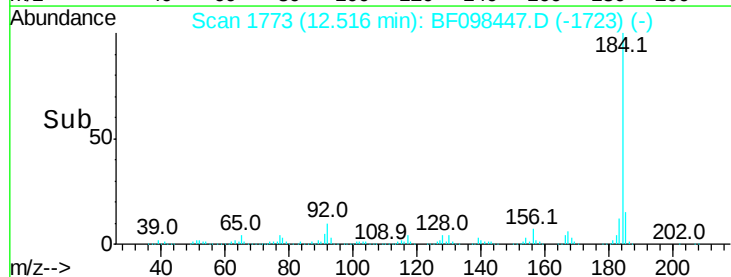
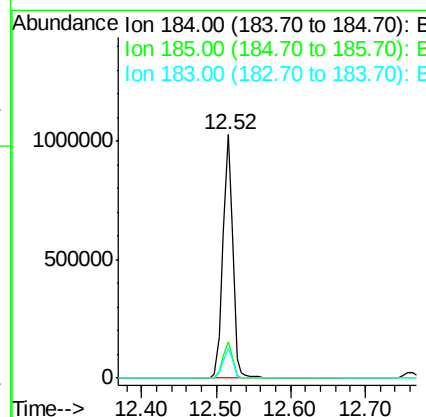
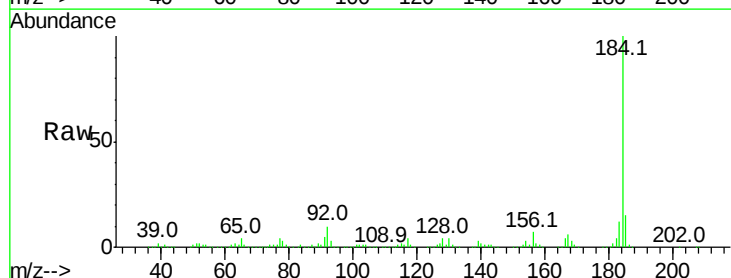
Tgt Ion:184 Resp: 934166

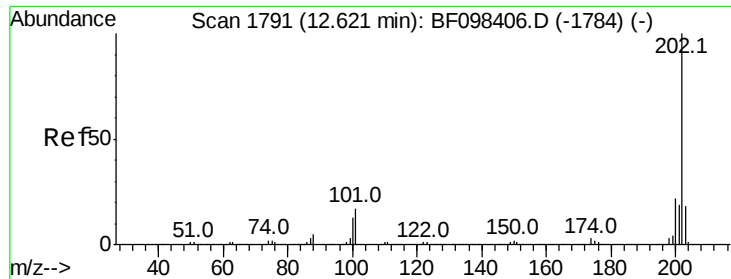
Ion Ratio Lower Upper

184 100

185 14.8 15.5 23.3#

183 12.3 9.8 14.6





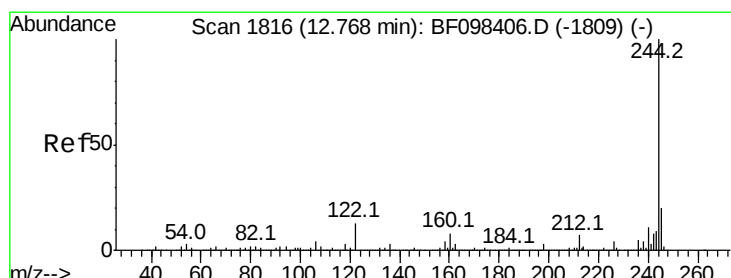
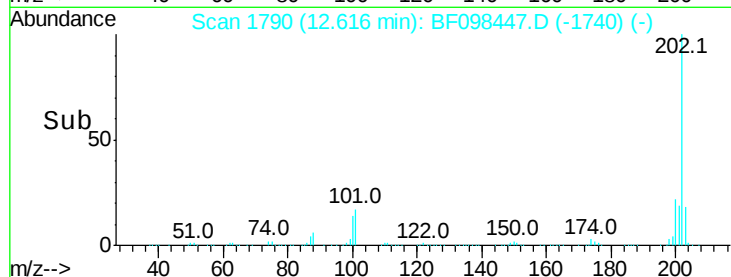
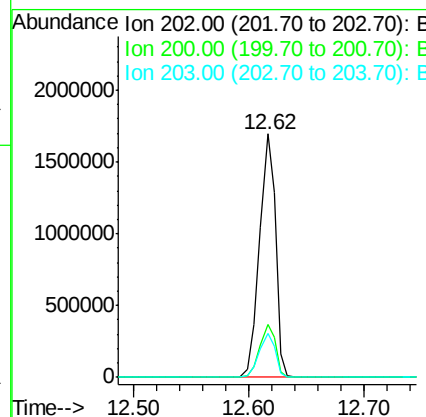
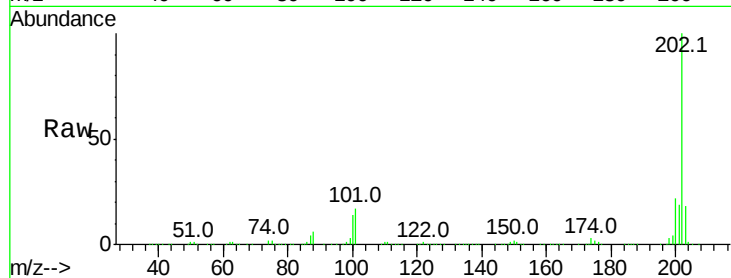
#77
Pvrene
Concen: 36.494 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.9	14.4	21.6

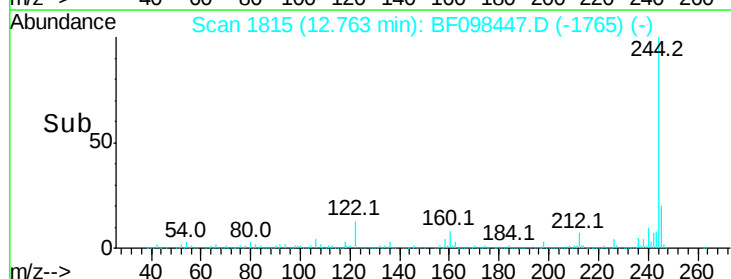
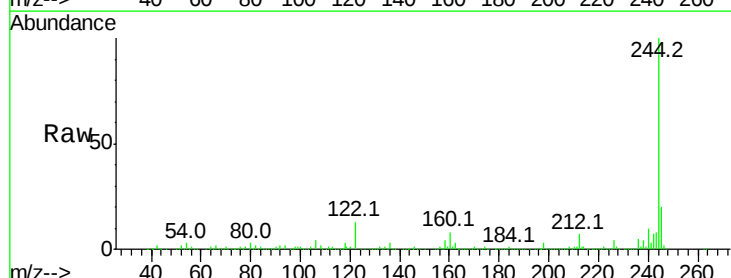
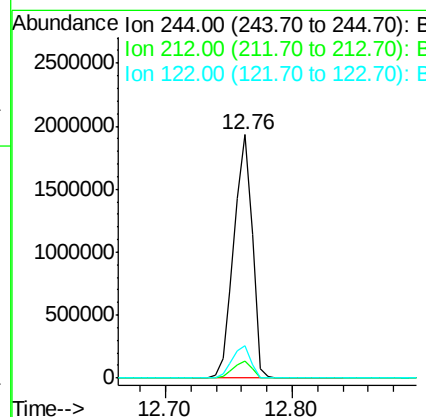
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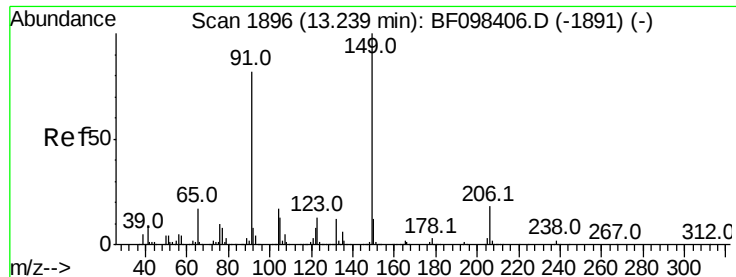
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#78
Terphenyl-d14
Concen: 73.018 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.2	10.3	15.5





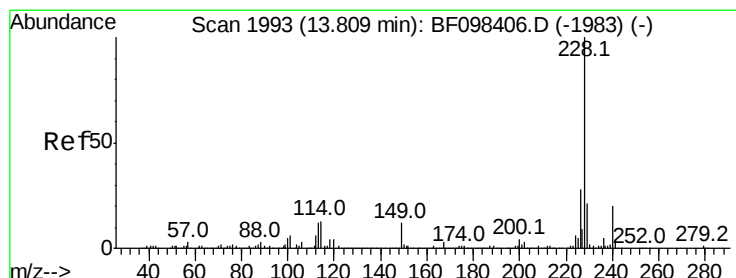
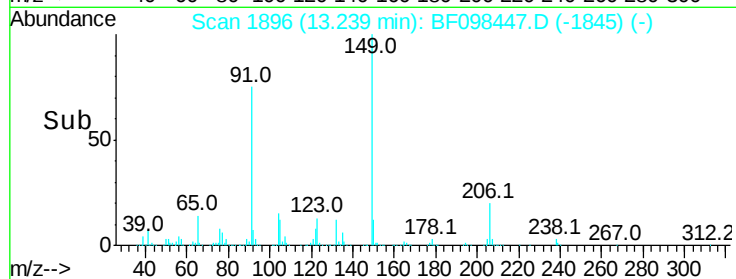
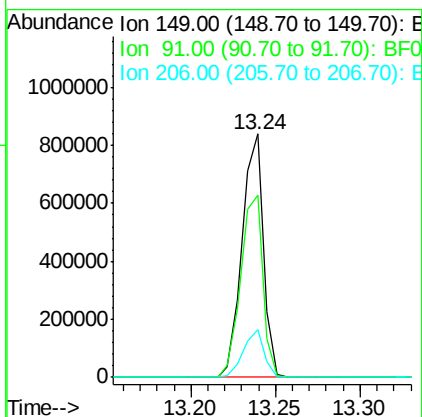
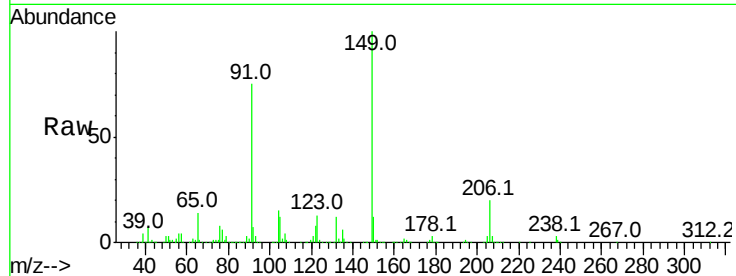
#79
Butylbenzylphthalate
Concen: 38.025 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.7	45.0	67.4#
206	19.9	17.0	25.6

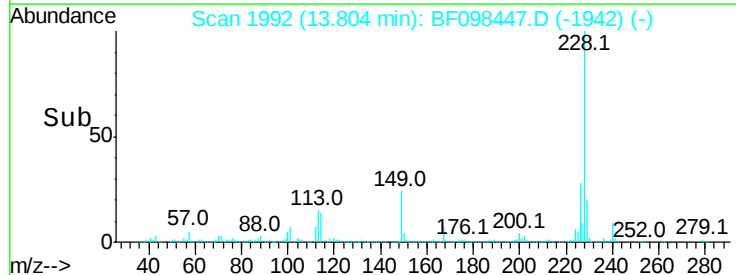
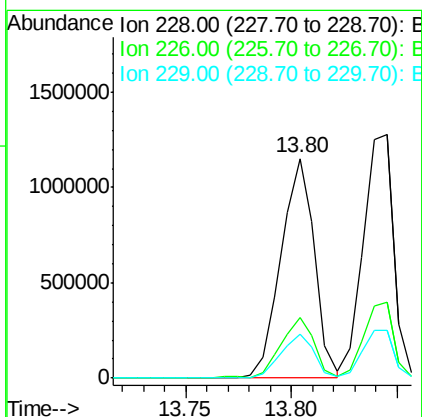
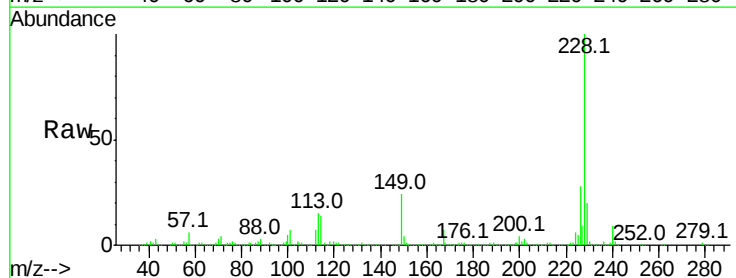
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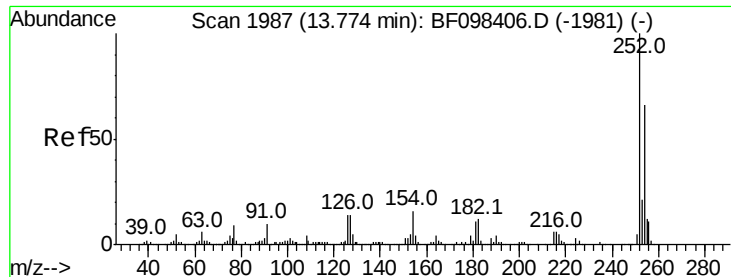
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#80
Benzo(a)anthracene
Concen: 38.059 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.0	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 41.604 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

ClientSampleId :

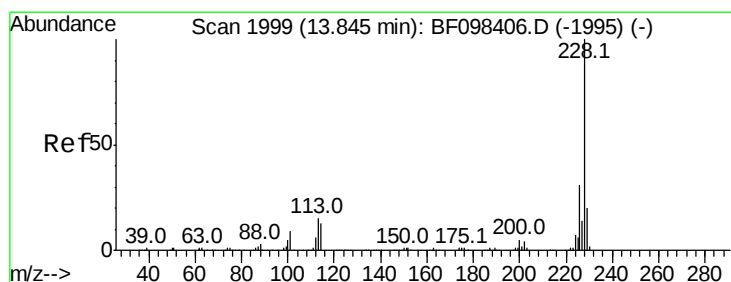
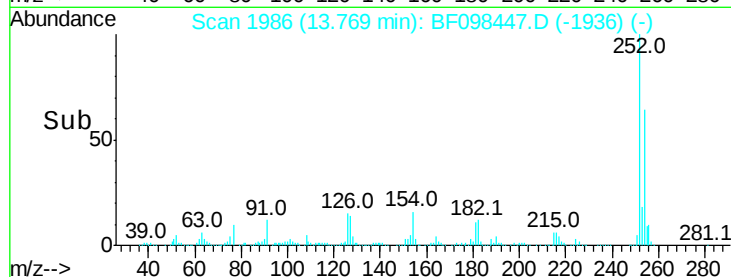
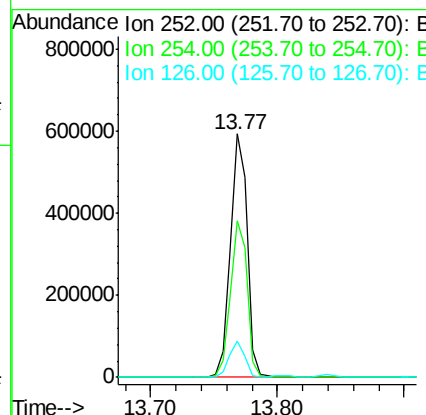
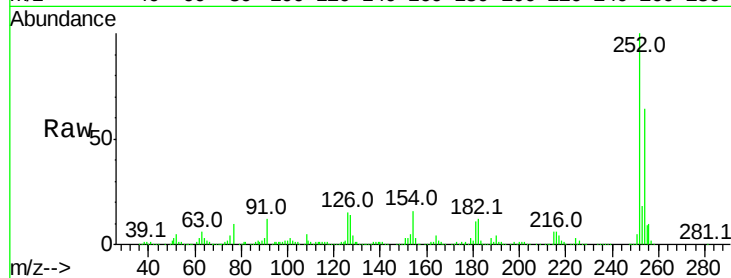
SSTDCCC040

Tot Ion:	252	Resp:	540798
Ion Ratio		Lower	Upper
252	100		
254	64.5	51.5	77.3
126	15.1	15.8	23.8#

Manual Integrations
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#82

Chrysene

Concen: 38.359 ng

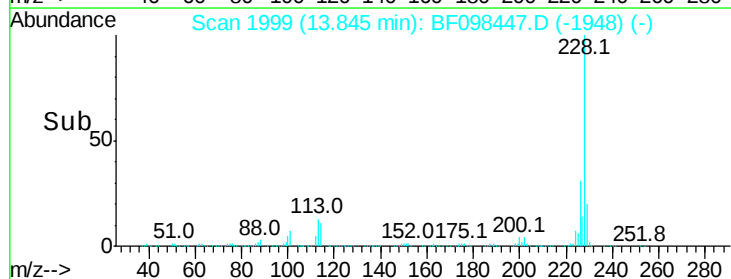
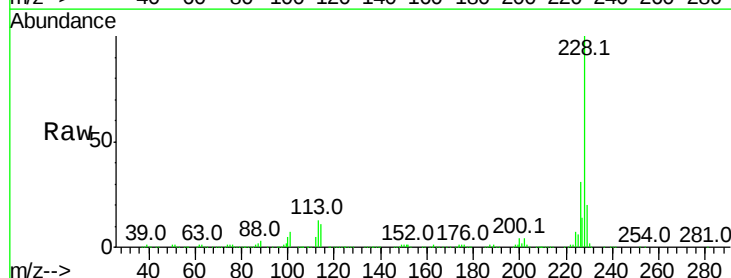
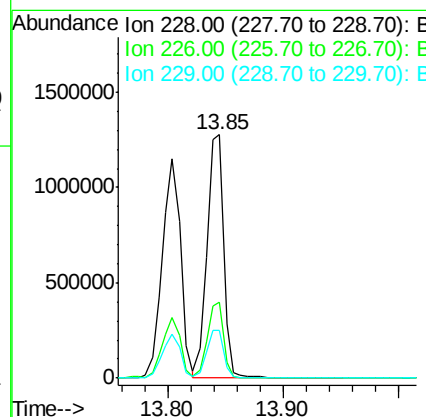
RT: 13.85 min Scan# 1999

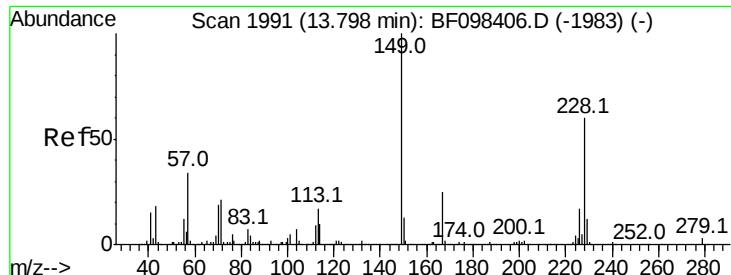
Delta R.T. 0.00 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt Ion:	228	Resp:	1296932
Ion Ratio		Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.6	15.8	23.6





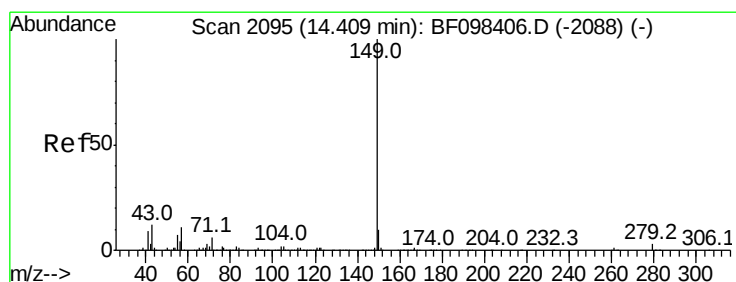
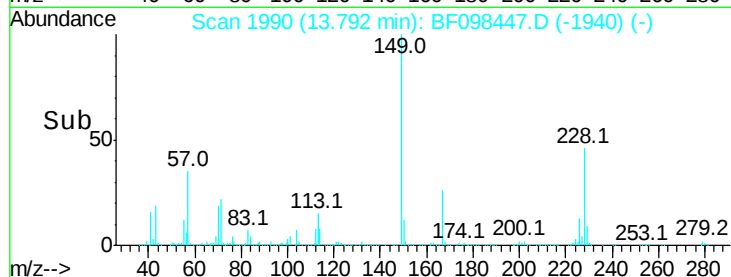
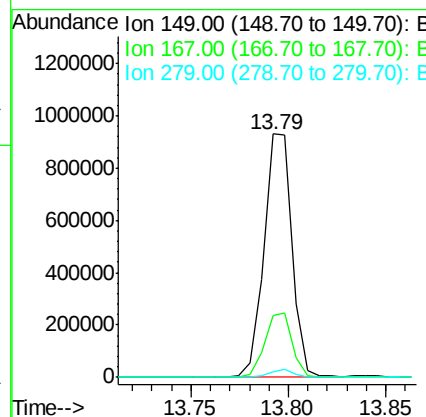
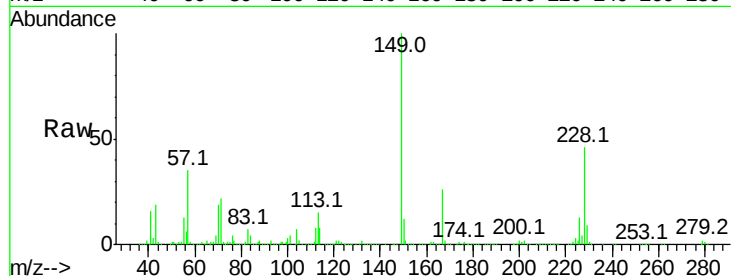
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.722 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	2.3	1.9	2.9

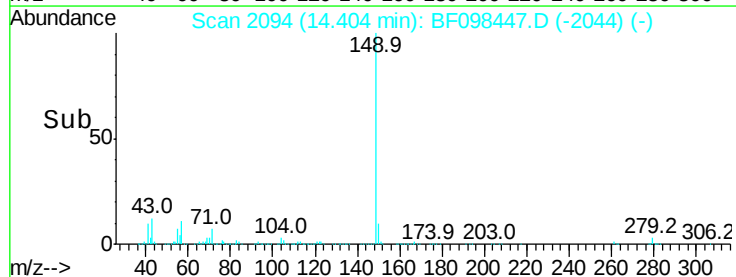
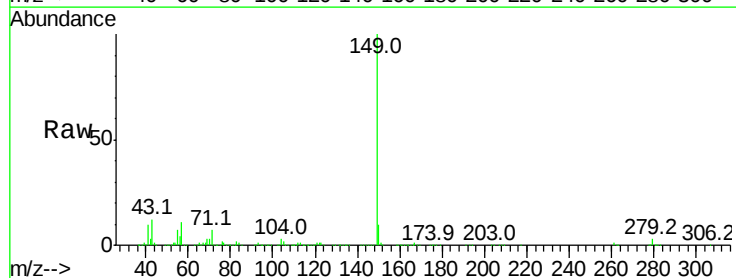
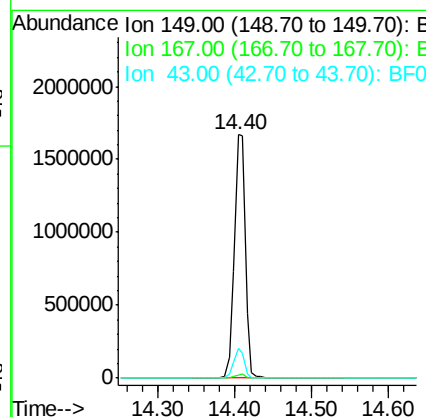
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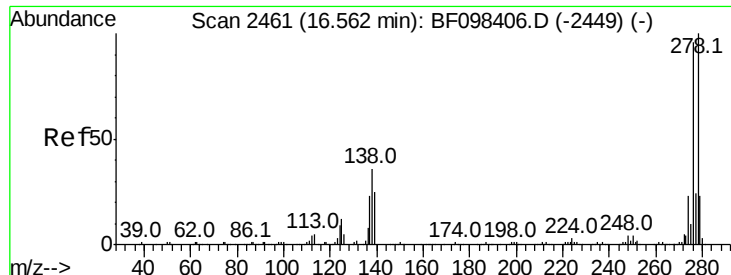
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#84
 Di-n-octyl phthalate
 Concen: 40.129 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.6	8.5	12.7





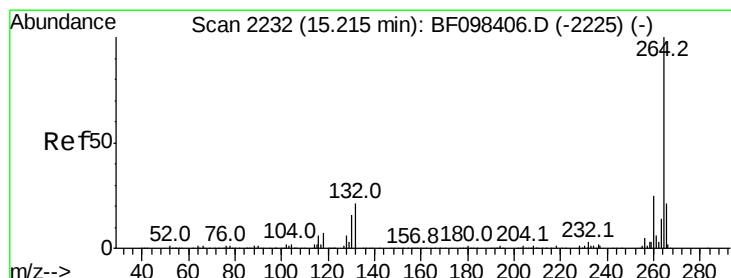
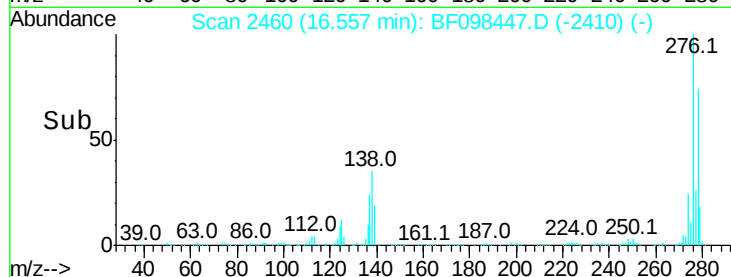
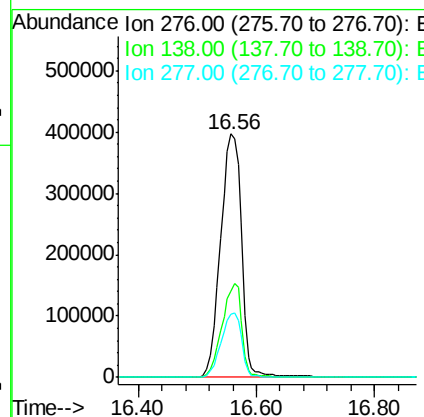
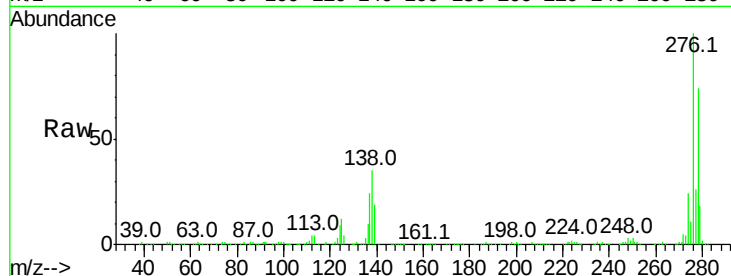
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.537 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	27.8	41.6
277	25.7	20.2	30.4

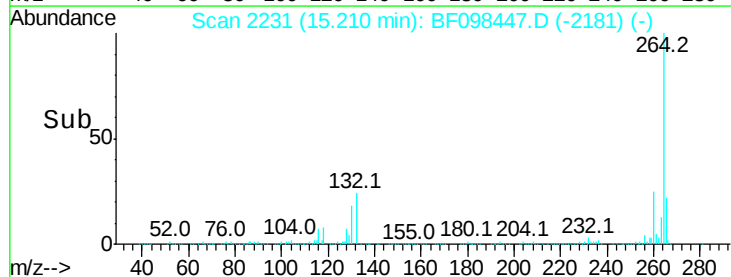
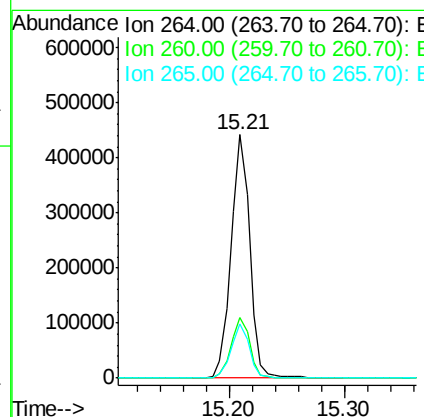
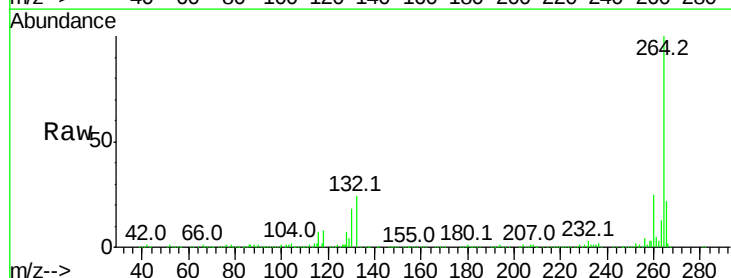
Manual Integrations
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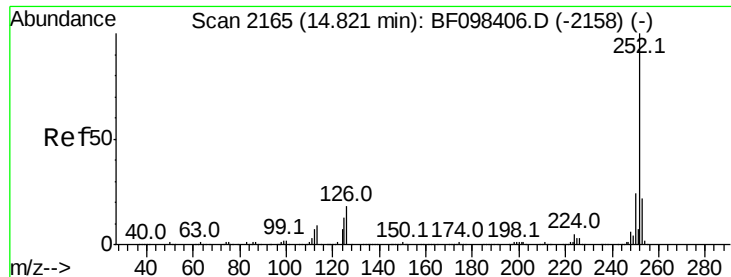
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.812 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Instrument :

BNA_F

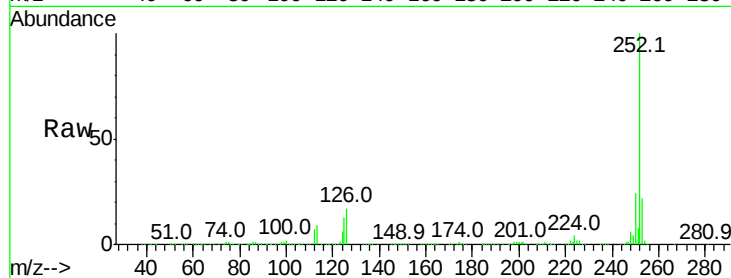
ClientSampled :

SSTDCCC040

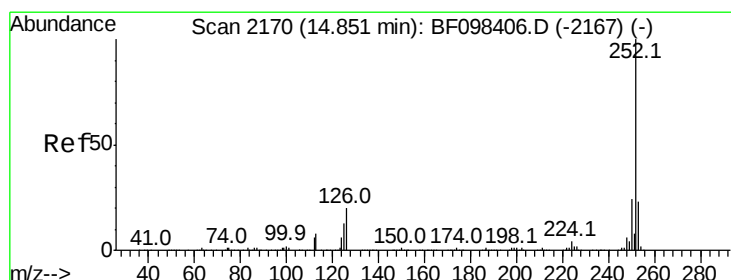
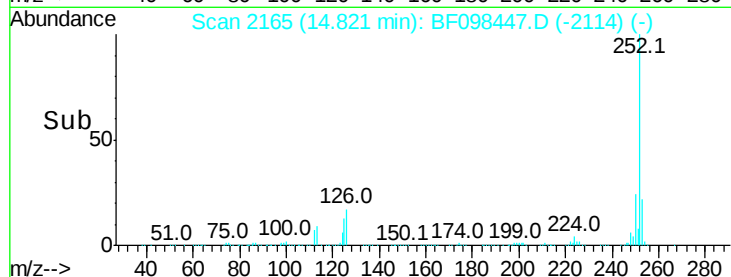
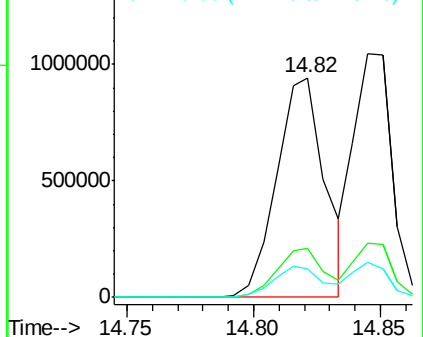
Tot	Ion:252	Resp:	1250201
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.8	9.8	14.8

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.514 ng

RT: 14.85 min Scan# 2169

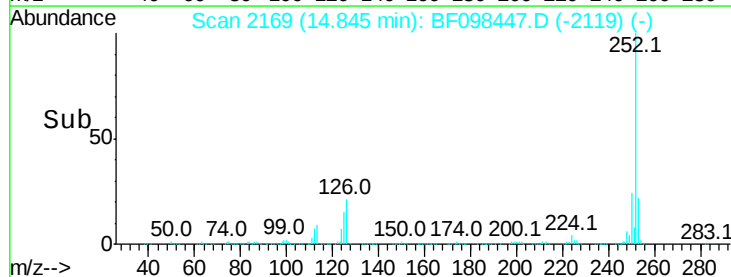
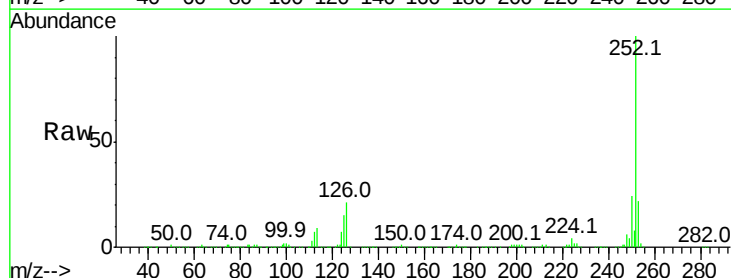
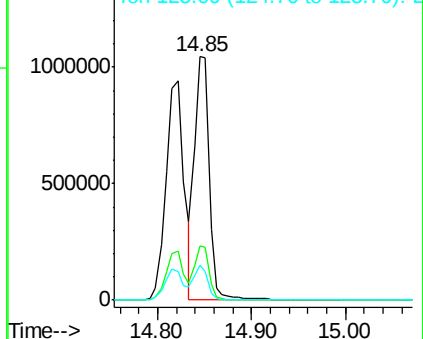
Delta R.T. -0.01 min

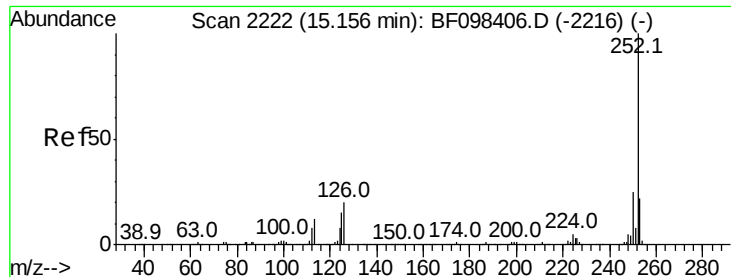
Lab File: BF098447.D

Acq: 12 Sep 2017 13:45

Tgt	Ion:252	Resp: 1129085	
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	14.5	13.1	19.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





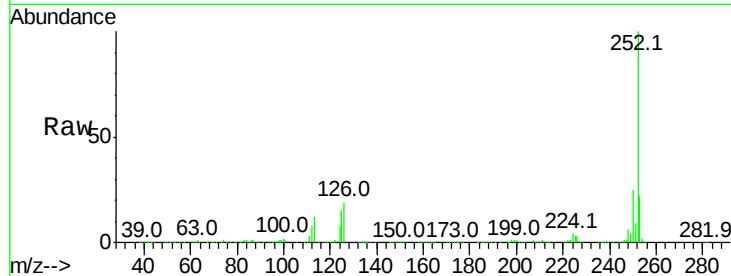
#89
Benzo(a)pyrene
Concen: 39.483 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

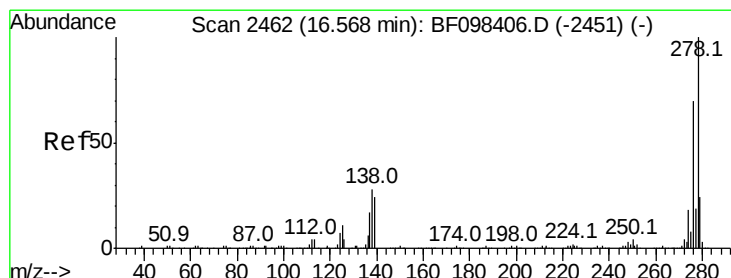
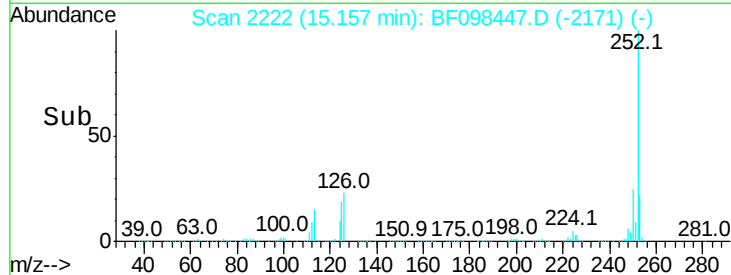
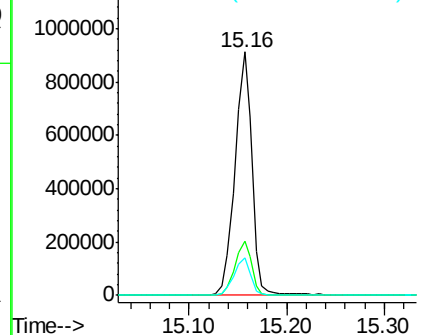
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.5	11.0	16.4

Manual Integrations
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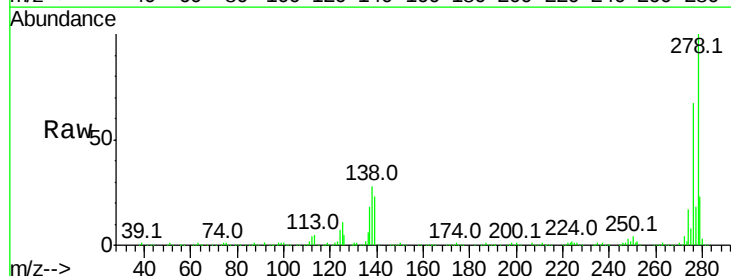


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

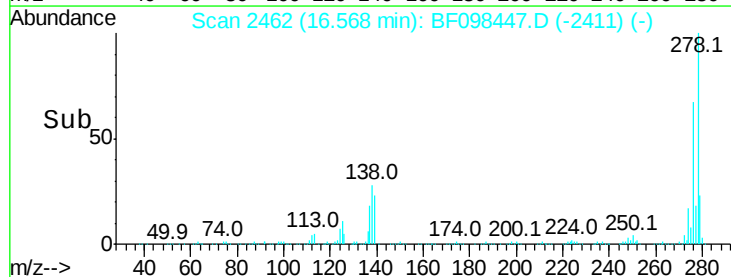
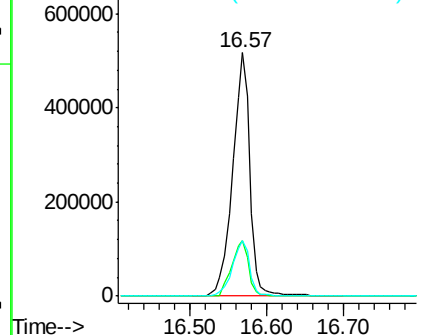


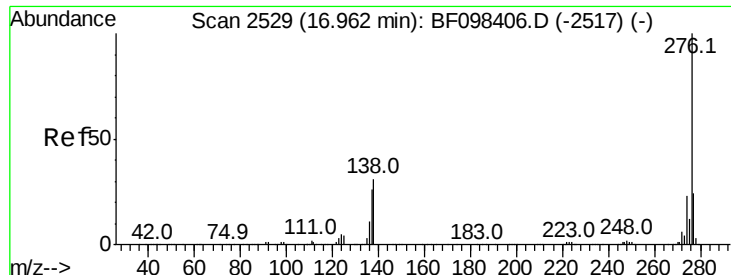
#90
Dibenzo(a,h)anthracene
Concen: 39.754 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF098447.D
Acq: 12 Sep 2017 13:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.6	24.8
279	23.0	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.129 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: BF098447.D
 Acq: 12 Sep 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	800961
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.6	28.0
138	29.4	25.4	38.0

Manual Integrations
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