

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098410.D
 Acq On : 11 Sep 2017 18:40
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:02 PM

Quant Time: Sep 11 19:45:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 19:42:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	209489	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	883465	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	398025	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	733489	20.00	ng	0.00
75) Chrysene-d12	13.82	240	501072	20.00	ng	0.00
86) Perylene-d12	15.21	264	395467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1133411	79.99	ng	0.00
7) Phenol-d6	6.32	99	1399097	77.77	ng	0.00
23) Nitrobenzene-d5	7.24	82	1282449	80.93	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	226168	85.14	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1886807	80.35	ng	0.00
78) Terphenyl-d14	12.77	244	1842147	79.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	291149	39.812	ng	89
3) Pyridine	2.98	79	772324	39.768	ng	# 83
4) n-Nitrosodimethylamine	2.95	42	396165	41.608	ng	91
6) Aniline	6.33	93	869506	38.527	ng	# 23
8) 2-Chlorophenol	6.46	128	612667	39.323	ng	95
9) Benzaldehyde	6.22	77	466797	39.694	ng	92
10) Phenol	6.33	94	815222	39.015	ng	# 62
11) bis(2-Chloroethyl)ether	6.41	93	629741	39.973	ng	93
12) 1,3-Dichlorobenzene	6.61	146	618516	39.442	ng	97
13) 1,4-Dichlorobenzene	6.69	146	625014	38.910	ng	95
14) 1,2-Dichlorobenzene	6.84	146	567287	38.764	ng	98
15) Benzyl Alcohol	6.82	79	461049	38.509	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1026498	39.600	ng	84
17) 2-Methylphenol	6.94	107	503495	39.631	ng	93
18) Hexachloroethane	7.17	117	246000	39.989	ng	# 80
19) n-Nitroso-di-n-propylamine	7.09	70	432513	38.222	ng	97
20) 3+4-Methylphenols	7.10	107	624393	38.945	ng	# 68
22) Acetophenone	7.09	105	891135	39.027	ng	# 95
24) Nitrobenzene	7.26	77	729410	40.409	ng	95
25) Isophorone	7.50	82	1264236	39.430	ng	100
26) 2-Nitrophenol	7.57	139	316132	43.376	ng	# 80
27) 2,4-Dimethylphenol	7.62	122	546838	39.360	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	787972	40.276	ng	99
29) 2,4-Dichlorophenol	7.82	162	472361	40.880	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	497117	39.550	ng	100
31) Naphthalene	7.97	128	1707463	39.095	ng	99
32) Benzoic acid	7.78	122	358919	40.086	ng	96
33) 4-Chloroaniline	8.03	127	708804	39.933	ng	97
34) Hexachlorobutadiene	8.09	225	256586	39.764	ng	97
35) Caprolactam	8.42	113	161633	40.565	ng	# 60
36) 4-Chloro-3-methylphenol	8.52	107	574473	40.089	ng	# 83
37) 2-Methylnaphthalene	8.66	142	1040886	39.345	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	485187	39.133	ng	99
40) Hexachlorocyclopentadiene	8.82	237	126508	40.392	ng	99

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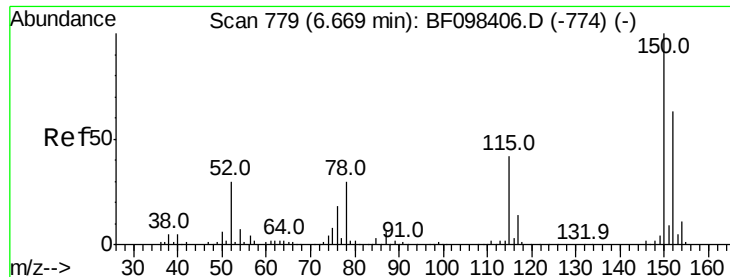
Manual Integrations
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Sohil
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Quant Time: Sep 11 19:45:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	301127	41.350	nq	92
43) 2,4,5-Trichlorophenol	8.99	196	314350	41.298	nq	95
45) 1,1'-Biphenyl	9.13	154	1387715	38.953	nq	97
46) 2-Chloronaphthalene	9.15	162	997888	39.221	nq	# 91
47) 2-Nitroaniline	9.26	65	405547	41.529	nq	93
48) Acenaphthylene	9.57	152	1481132	39.152	nq	99
49) Dimethylphthalate	9.43	163	1209287	39.249	nq	100
50) 2,6-Dinitrotoluene	9.50	165	266356	42.086	nq	# 54
51) Acenaphthene	9.74	154	933986	38.840	nq	98
52) 3-Nitroaniline	9.67	138	313418	41.025	nq	94
53) 2,4-Dinitrophenol	9.78	184	106794	40.419	nq	# 68
54) Dibenzofuran	9.91	168	1217392	38.428	nq	97
55) 4-Nitrophenol	9.85	139	181170	41.276	nq	# 35
56) 2,4-Dinitrotoluene	9.90	165	316085	41.081	nq	# 50
57) Fluorene	10.25	166	1008773	38.471	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	214529	41.937	nq	99
59) Diethylphthalate	10.13	149	1153536	39.368	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	462752	38.208	nq	88
61) 4-Nitroaniline	10.28	138	317299	41.126	nq	78
62) Azobenzene	10.40	77	1226651	38.842	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	179982	40.833	nq	90
65) n-Nitrosodiphenylamine	10.37	169	925784	38.871	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	278273	39.973	nq	95
67) Hexachlorobenzene	10.80	284	278711	39.470	nq	# 81
68) Atrazine	10.90	200	280606	38.270	nq	100
69) Pentachlorophenol	11.00	266	110751	39.297	nq	97
70) Phenanthrene	11.21	178	1508826	38.803	nq	99
71) Anthracene	11.26	178	1543805	38.670	nq	99
72) Carbazole	11.42	167	1429651	38.425	nq	99
73) Di-n-butylphthalate	11.75	149	1757252	39.419	nq	99
74) Fluoranthene	12.39	202	1518667	39.014	nq	98
76) Benzidine	12.52	184	858480	38.712	nq	100
77) Pyrene	12.62	202	1552910	39.286	nq	100
79) Butylbenzylphthalate	13.24	149	714121	41.644	nq	# 71
80) Benzo(a)anthracene	13.81	228	1159284	39.462	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	455428	39.892	nq	# 97
82) Chrysene	13.84	228	1141426	38.438	nq	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	862253	40.065	nq	98
84) Di-n-octyl phthalate	14.41	149	1502164	40.682	nq	96
85) Indeno(1,2,3-cd)pyrene	16.56	276	746222	35.818	nq	98
87) Benzo(b)fluoranthene	14.82	252	970950	39.047	nq	98
88) Benzo(k)fluoranthene	14.85	252	962094m	41.445	nq	
89) Benzo(a)pyrene	15.16	252	884348	39.920	nq	96
90) Dibenzo(a,h)anthracene	16.57	278	610088	37.859	nq	98
91) Benzo(g,h,i)perylene	16.96	276	609181	37.584	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

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Instrument :

BNA_F

ClientSampleId :

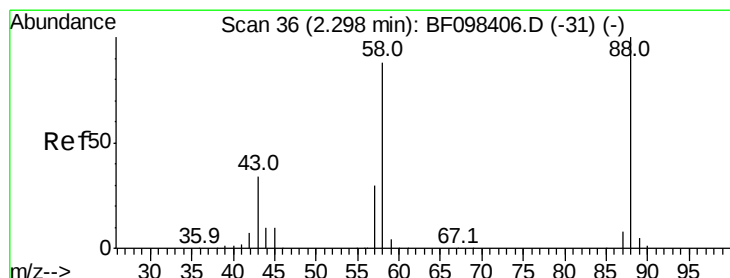
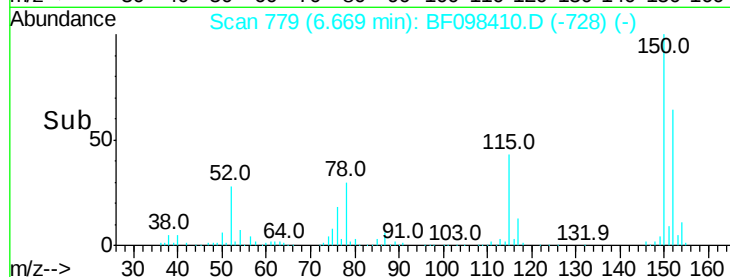
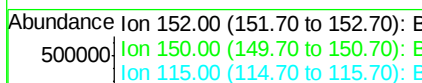
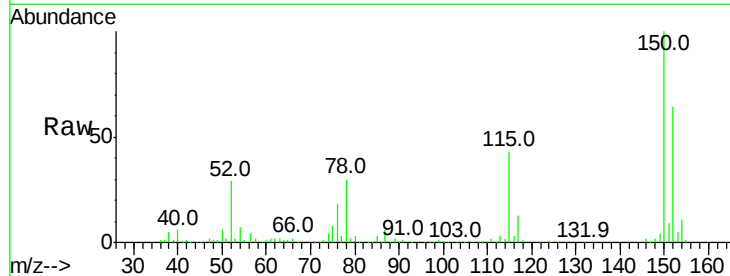
ICVBF091117

Tot Ion:	152	Resp:	209489
Ion Ratio	Lower	Upper	
152	100		
150	155.4	126.2	189.2
115	67.4	52.2	78.2

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#2

1,4-Dioxane

Concen: 39.812 ng

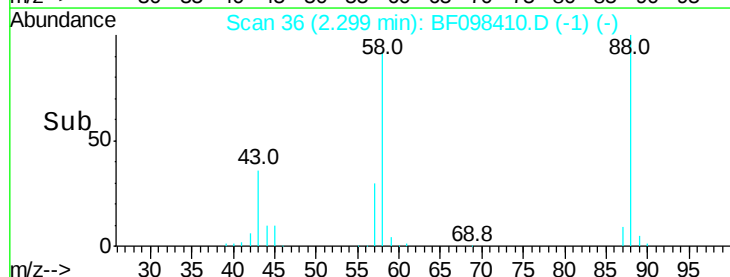
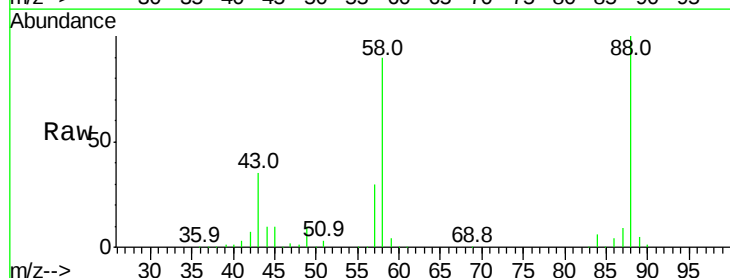
RT: 2.30 min Scan# 36

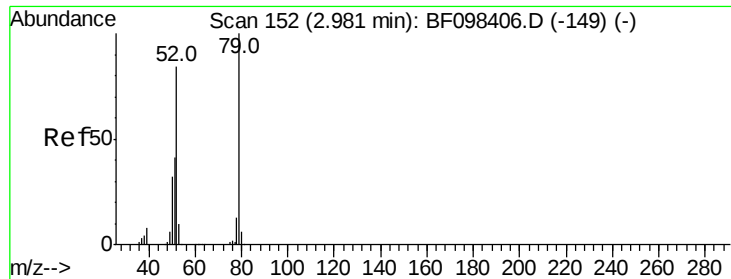
Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion:	88	Resp:	291149
Ion Ratio	Lower	Upper	
88	100		
58	87.4	61.4	92.0
43	34.1	23.4	35.0





#3

Pvridine

Concen: 39.768 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

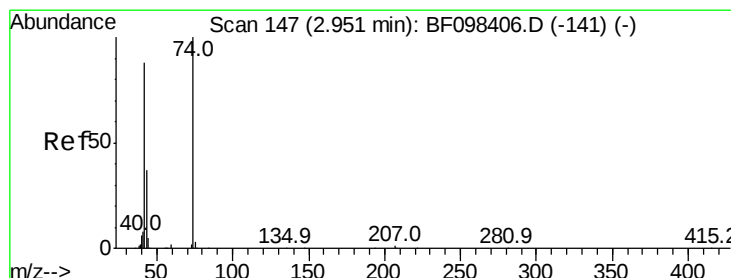
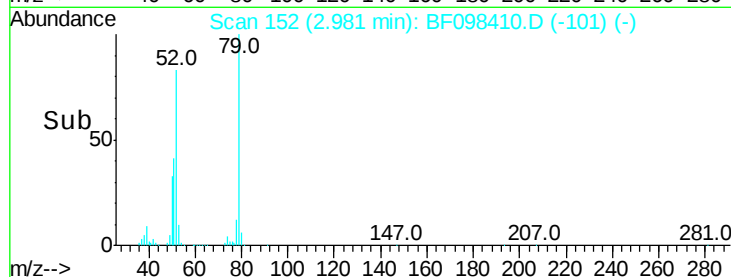
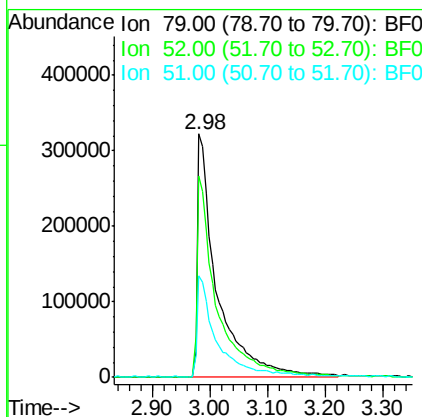
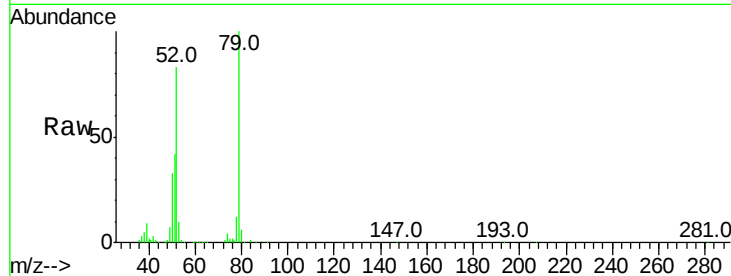
ClientSampleId :

ICVBF091117

Tot Ion:	79	Resp:	772324
Ion Ratio	Lower	Upper	
79	100		
52	83.0	54.8	82.2#
51	41.9	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 41.608 ng

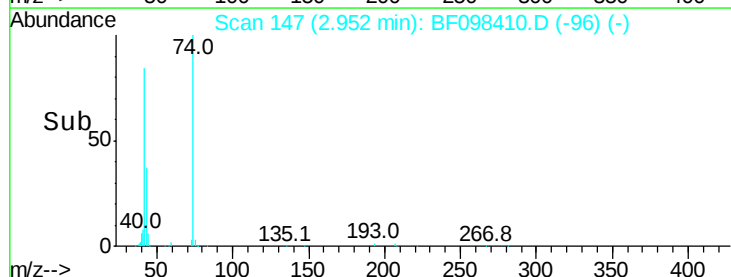
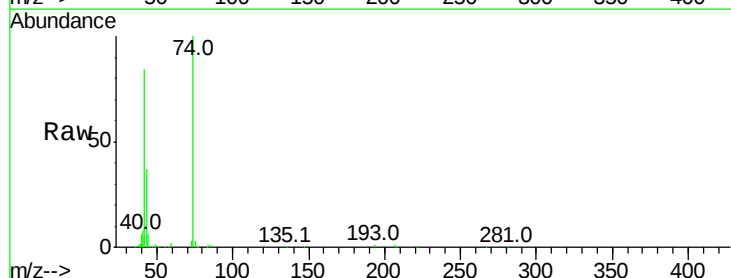
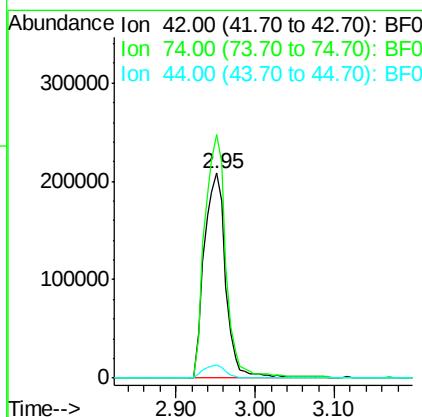
RT: 2.95 min Scan# 147

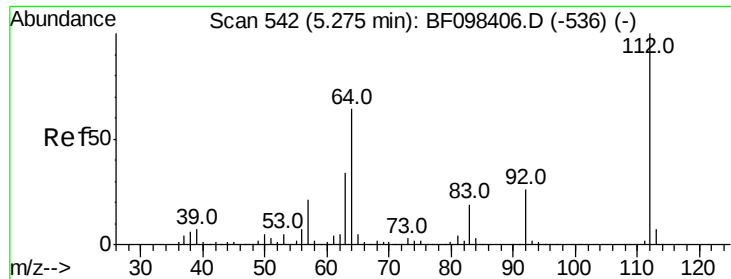
Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion:	42	Resp:	396165
Ion Ratio	Lower	Upper	
42	100		
74	118.7	103.9	155.9
44	6.7	5.7	8.5





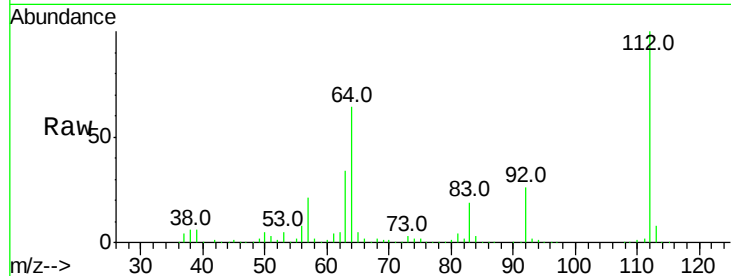
#5
2-Fluorophenol
Concen: 79.993 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1133411		
64	64.0	46.0	69.0	
63	33.7	23.4	35.0	

Manual Integrations
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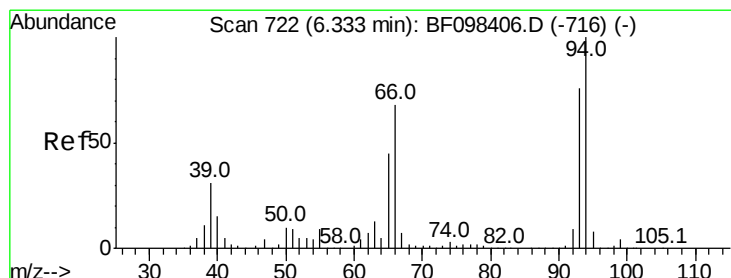
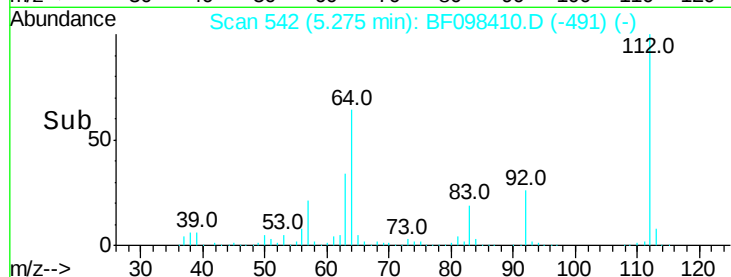
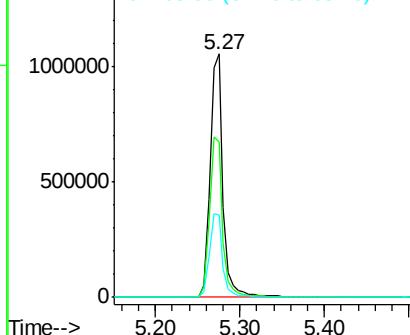
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Abundance Ion 112.00 (111.70 to 112.70): E

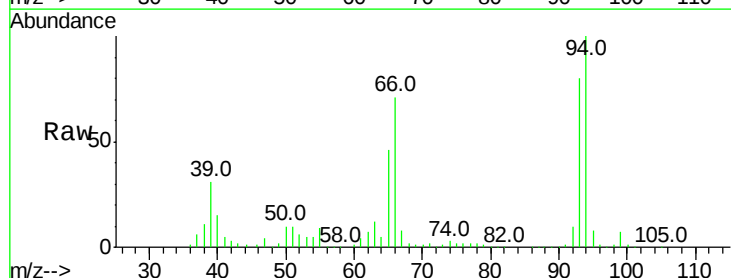
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
Aniline
Concen: 38.527 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

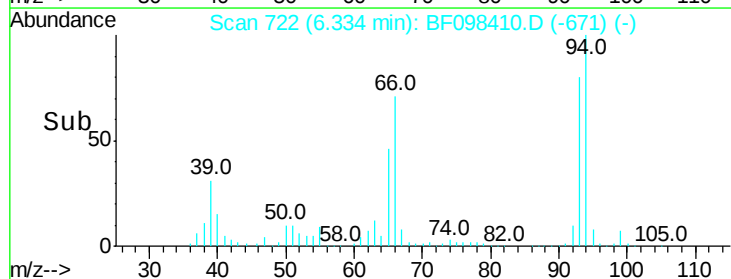
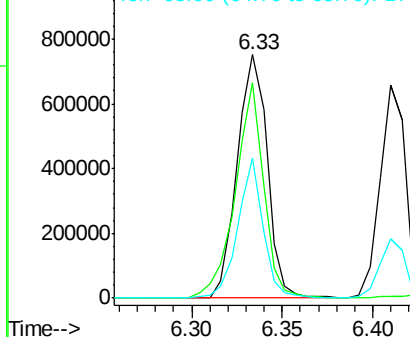
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	869506		
66	88.2	32.9	49.3#	
65	57.6	16.0	24.0#	

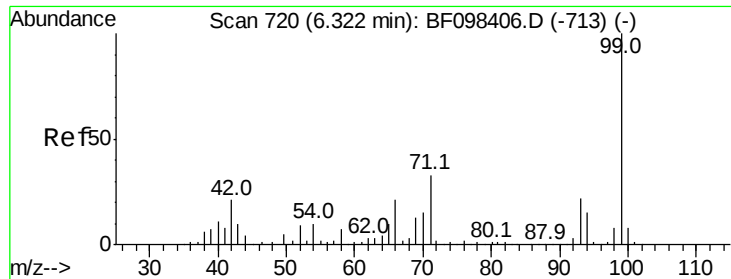


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.773 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion: 99 Resp: 1399097

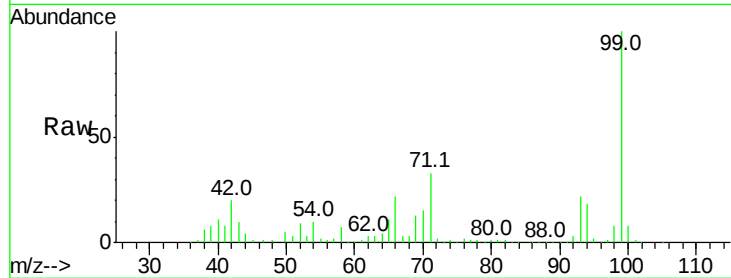
Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.5	20.3
71	32.8	24.5	36.7

Manual Integrations

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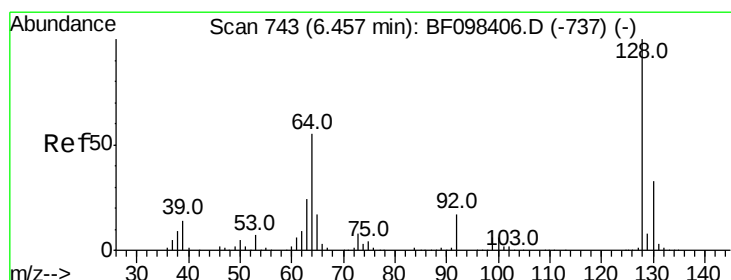
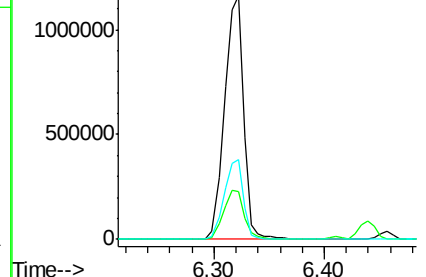
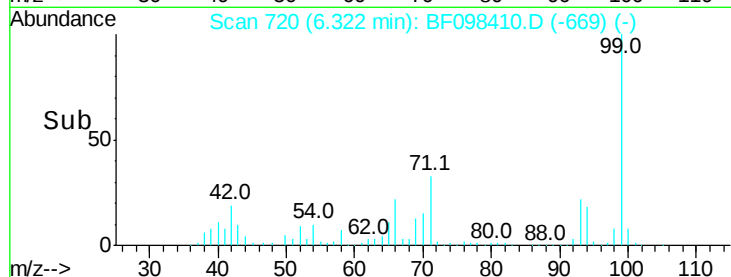
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.323 ng

RT: 6.46 min Scan# 743

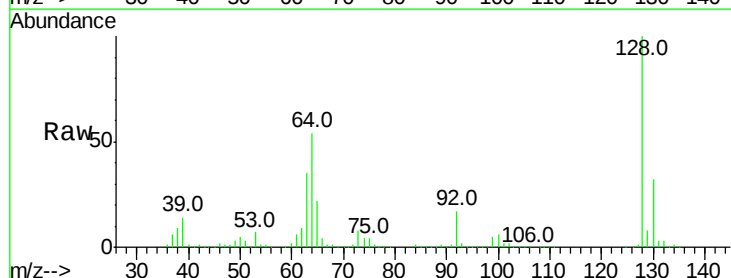
Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion: 128 Resp: 612667

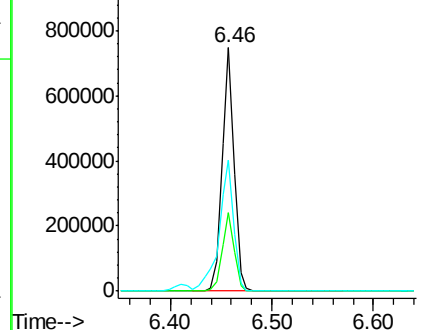
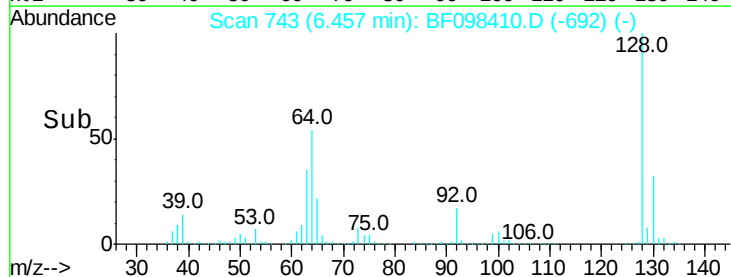
Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	53.5	28.4	68.4

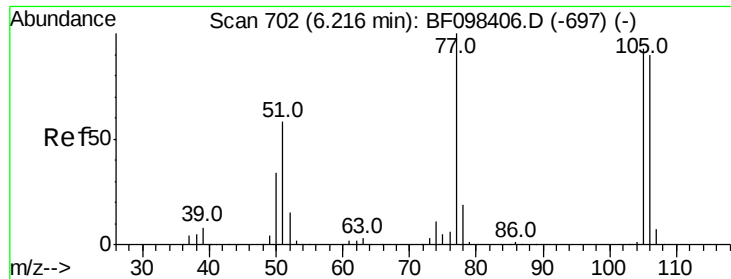


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





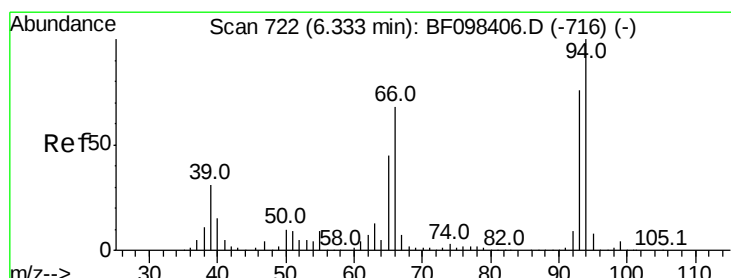
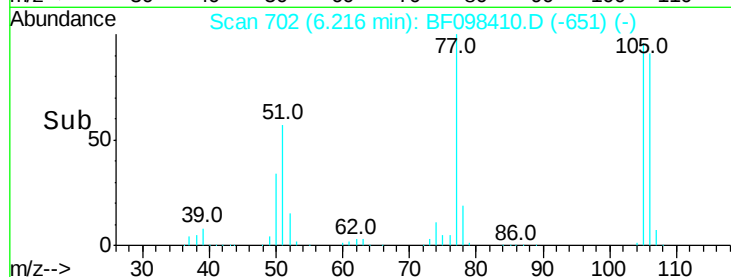
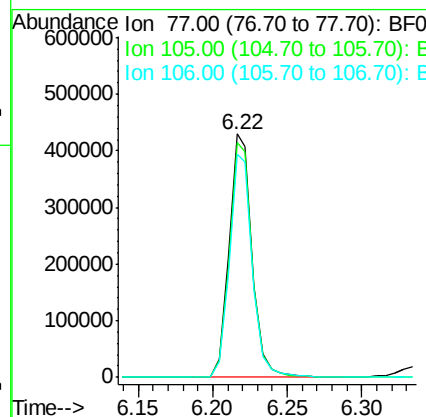
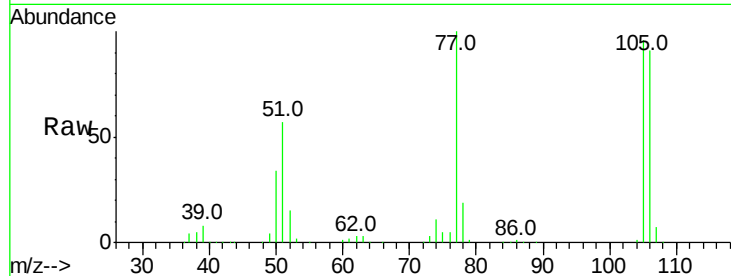
#9
Benzaldehyde
Concen: 39.694 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.3	83.8	123.8
106	91.4	79.1	119.1

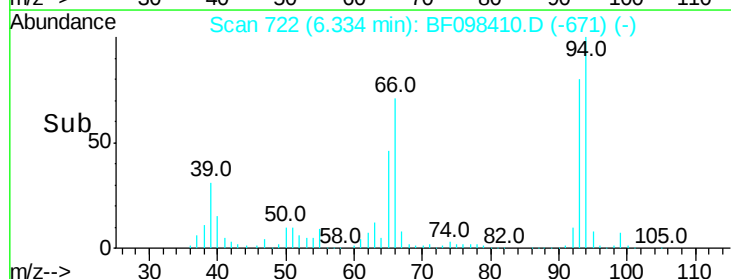
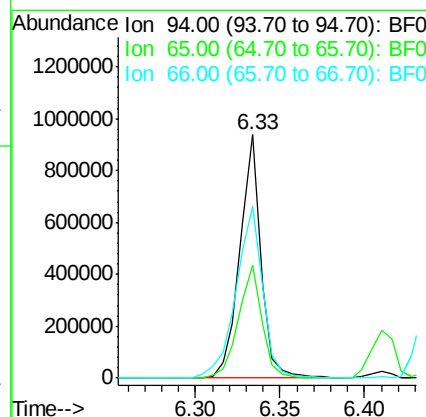
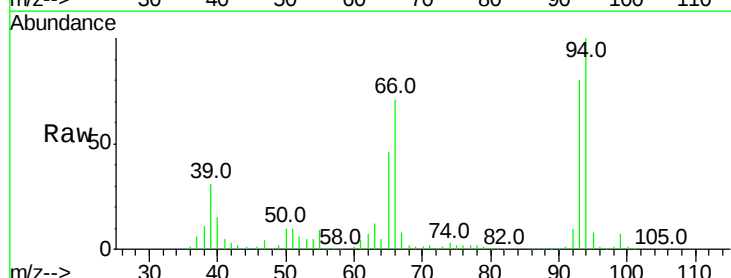
Manual Integrations
APPROVED

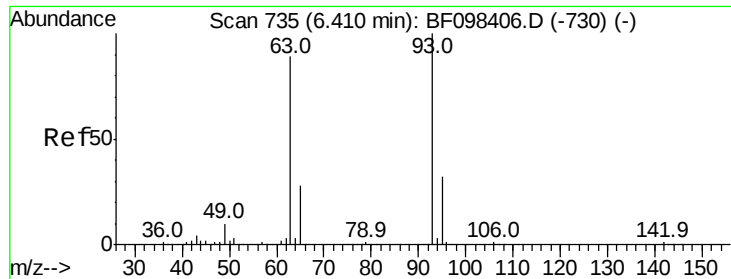
Sohil
9/12/2017 6:02:02 PM



#10
Phenol
Concen: 39.015 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	46.2	9.9	49.9
66	70.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.973 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

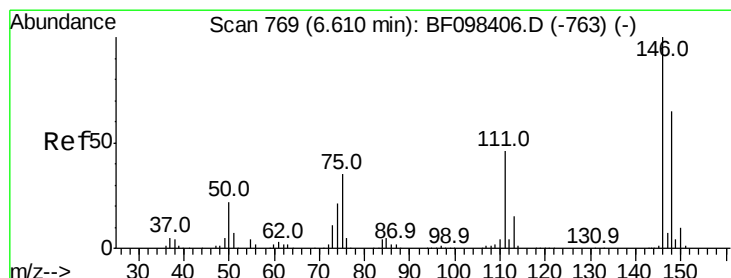
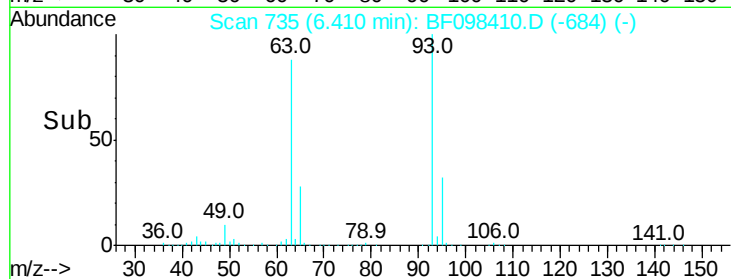
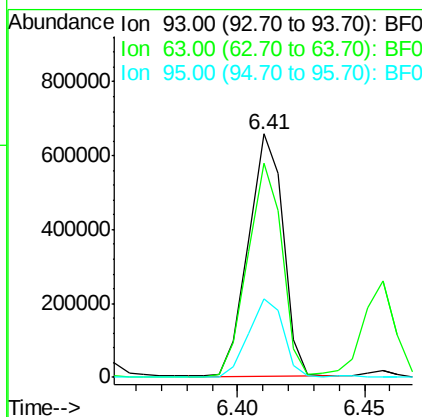
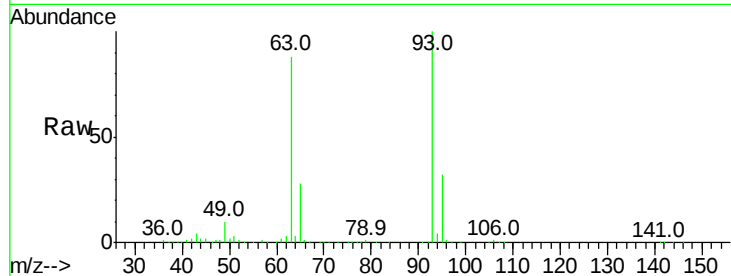
ClientSampleId :

ICVBF091117

Tot Ion:	93	Resp:	629741
Ion Ratio	Lower	Upper	
93	100		
63	88.0	59.2	99.2
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.442 ng

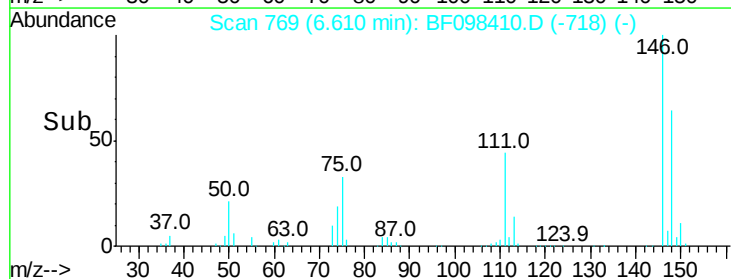
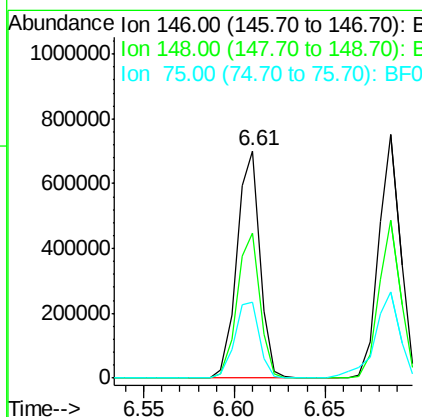
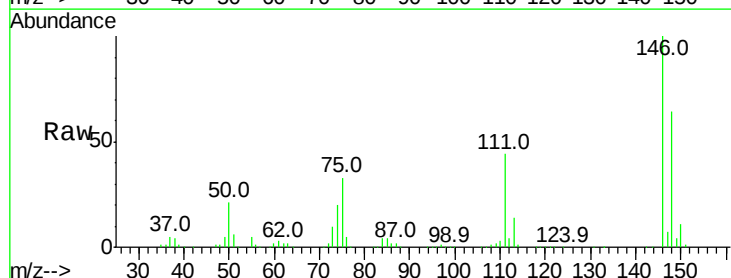
RT: 6.61 min Scan# 769

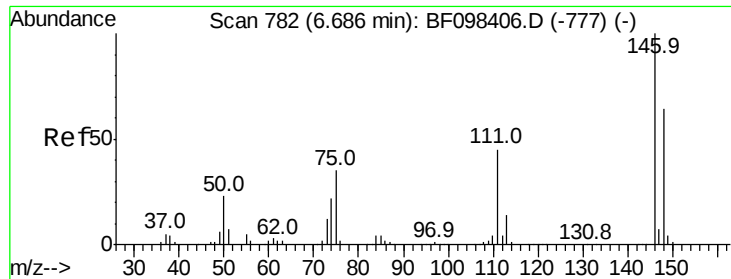
Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion:	146	Resp:	618516
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
75	33.2	23.1	34.7





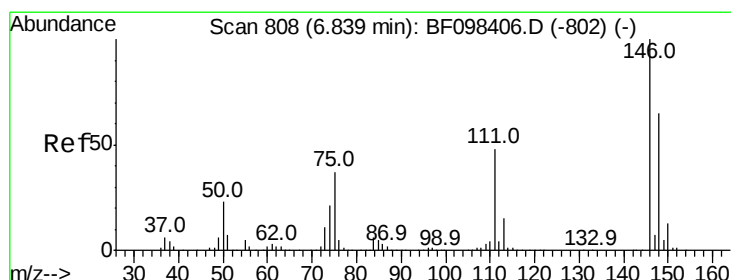
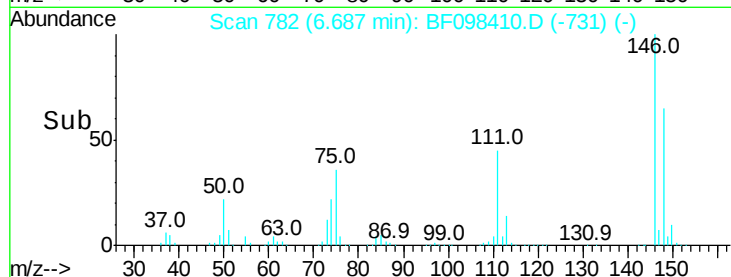
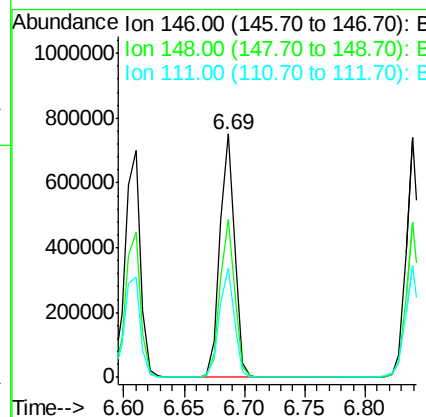
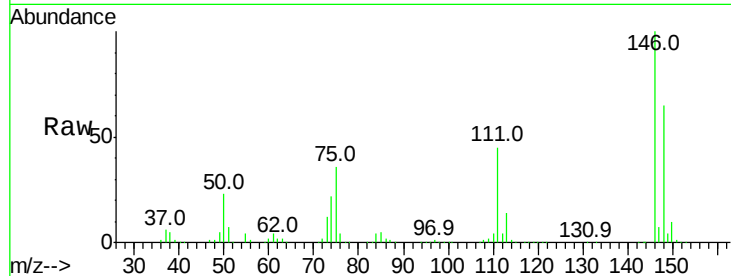
#13
 1,4-Dichlorobenzene
 Concen: 38.910 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	44.8	30.3	45.5

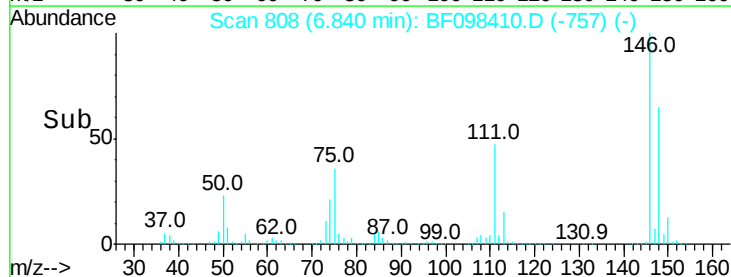
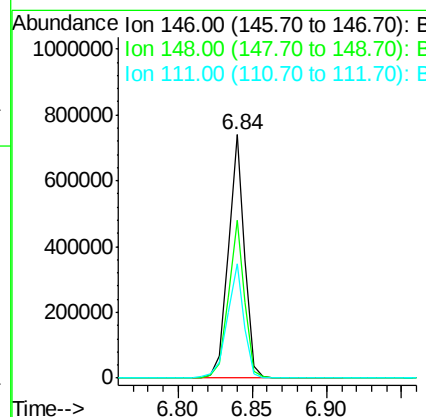
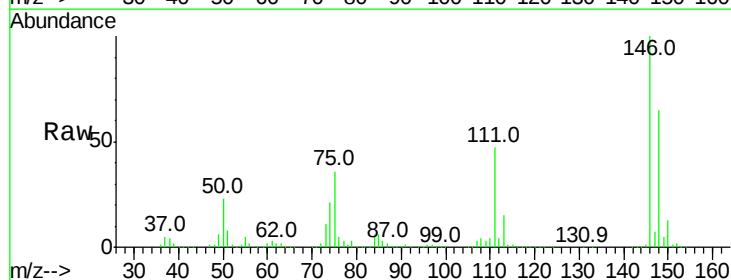
Manual Integrations
 APPROVED

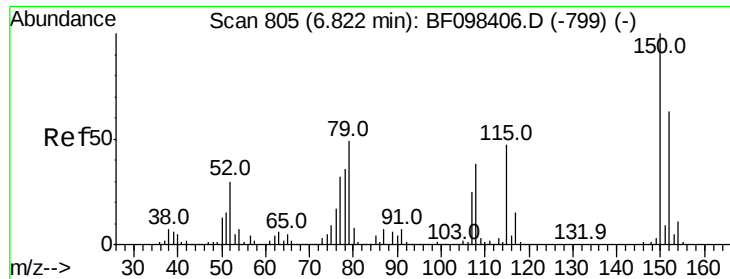
Sohil
 9/12/2017 6:02:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.764 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.4	75.6
111	46.8	38.2	57.4





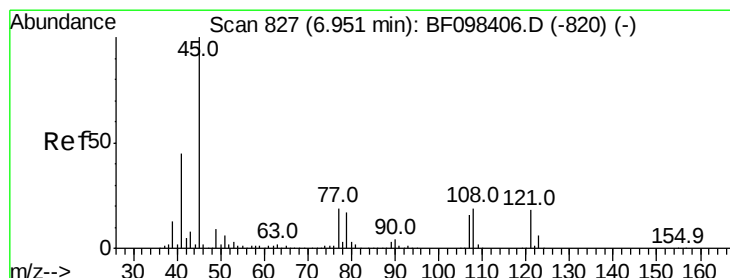
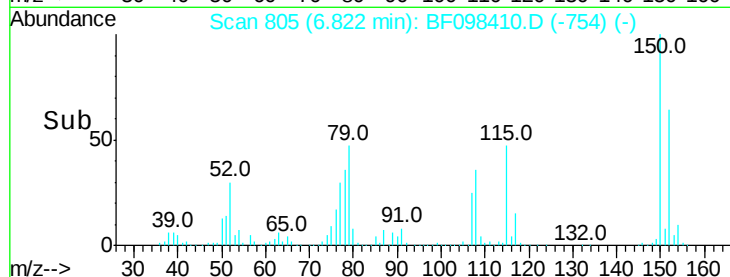
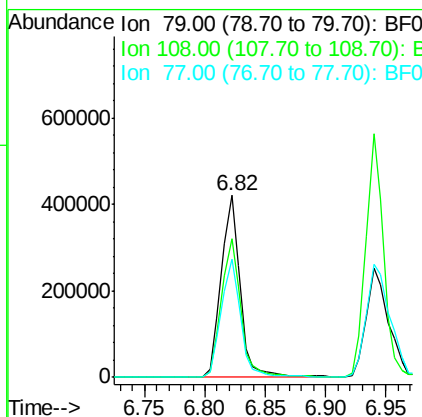
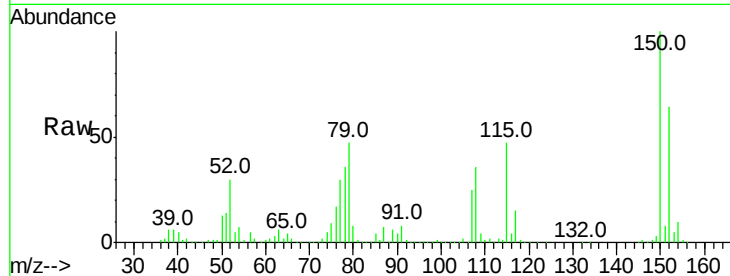
#15
Benzyl Alcohol
Concen: 38.509 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	63.4	95.0
77	64.7	49.2	73.8

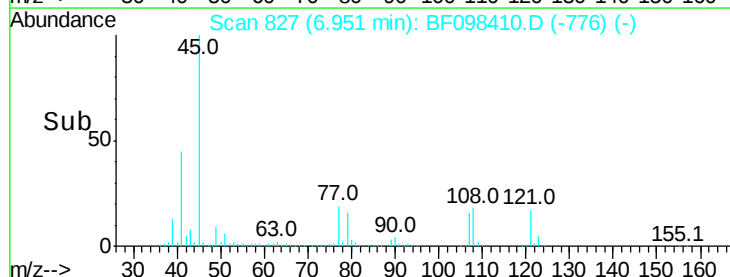
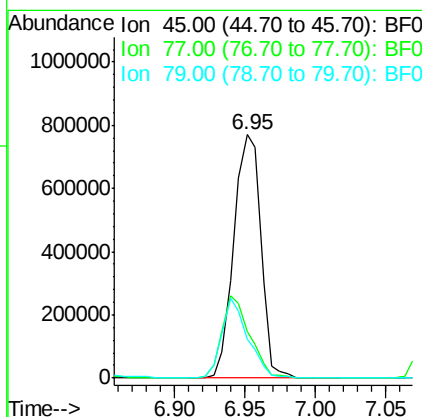
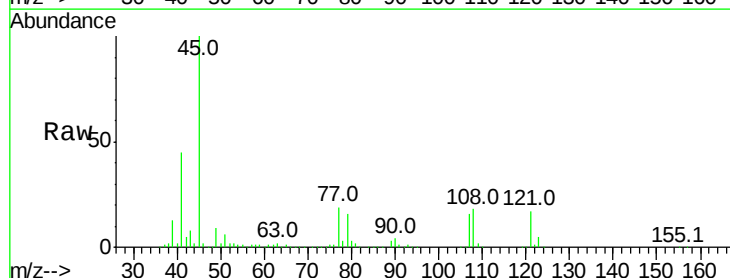
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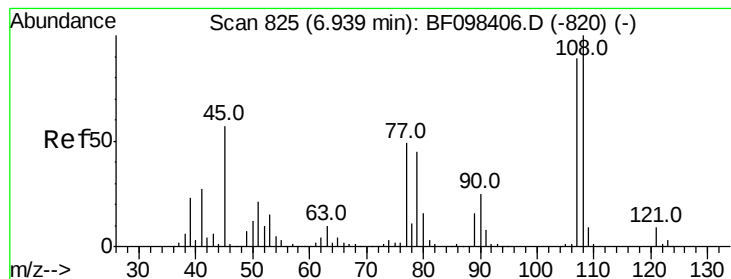
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.600 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	33.2
79	16.1	0.0	30.0





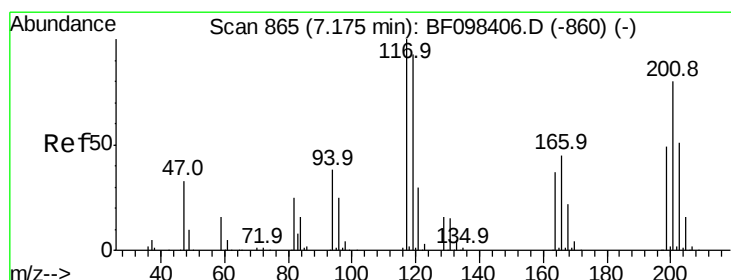
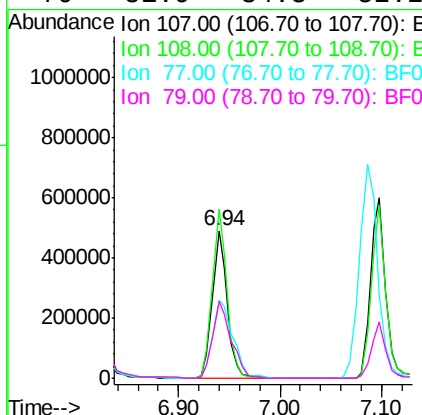
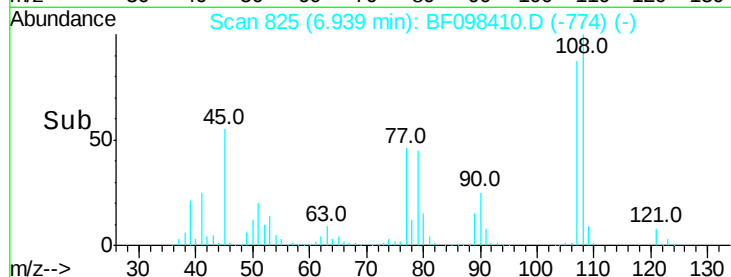
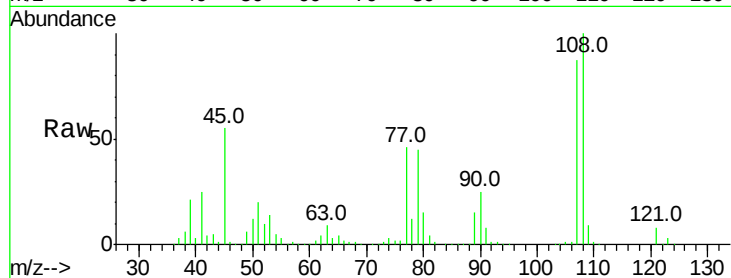
#17
2-Methylphenol
Concen: 39.631 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion:	107	Resp:	503495
Ion Ratio	Lower	Upper	
107	100		
108	115.0	93.4	140.0
77	53.4	35.8	53.6
79	51.9	34.8	52.2

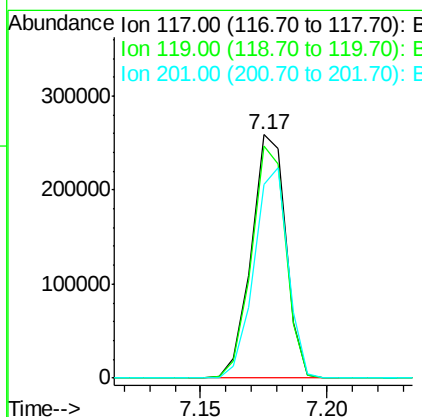
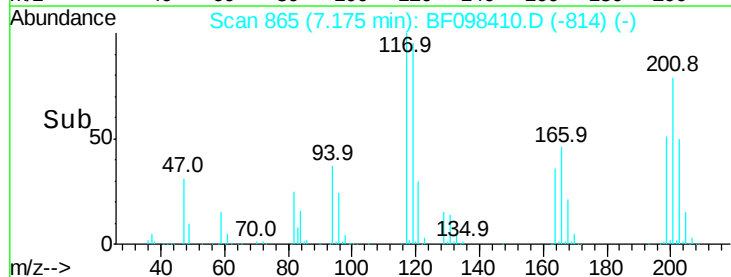
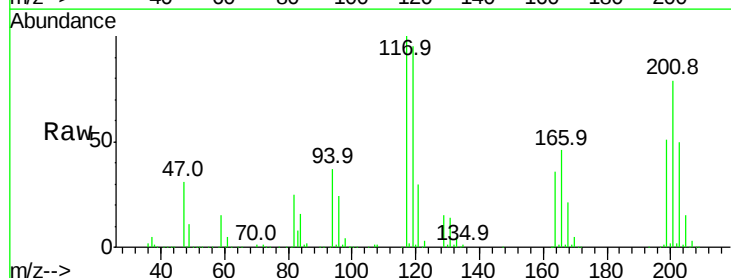
Manual Integrations
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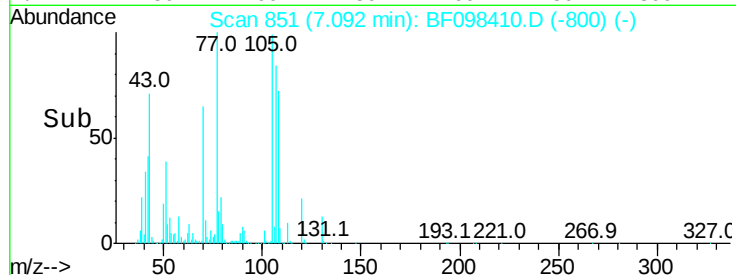
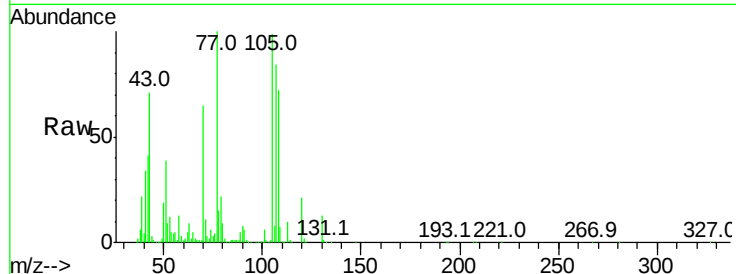
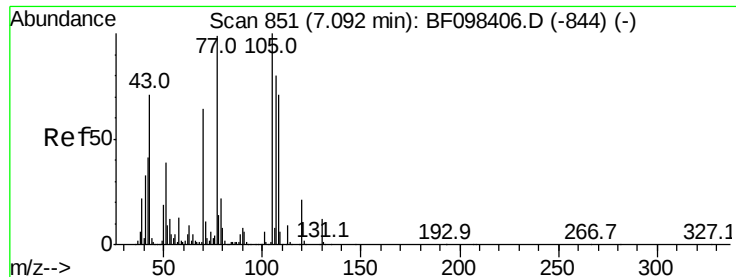
Sohil
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#18
Hexachloroethane
Concen: 39.989 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion:	117	Resp:	246000
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.4	116.0
201	79.3	94.6	141.8#





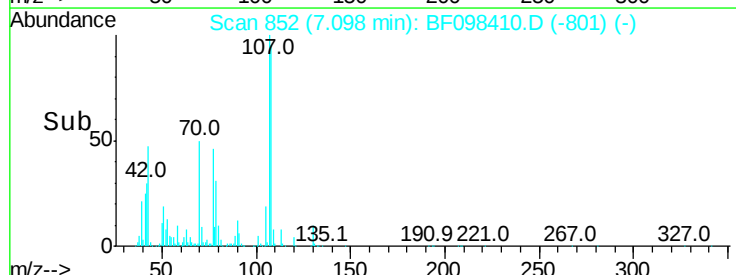
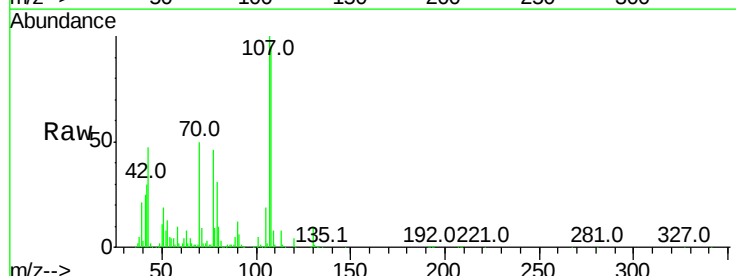
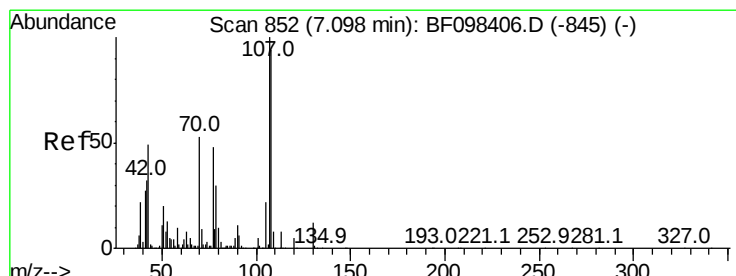
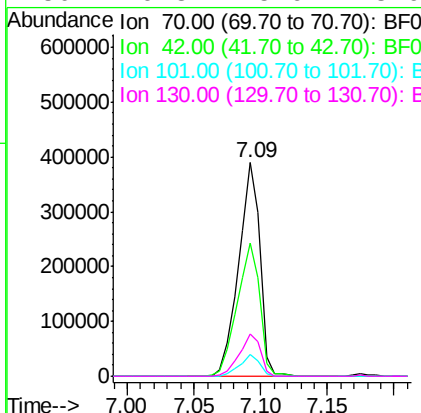
#19
n-Nitroso-di-n-propylamine
Concen: 38.222 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		432513		
42	62.2	47.2	70.8		
101	9.9	7.2	10.8		
130	19.8	15.9	23.9		

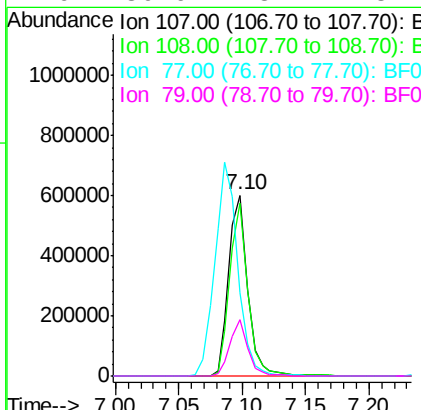
Manual Integrations
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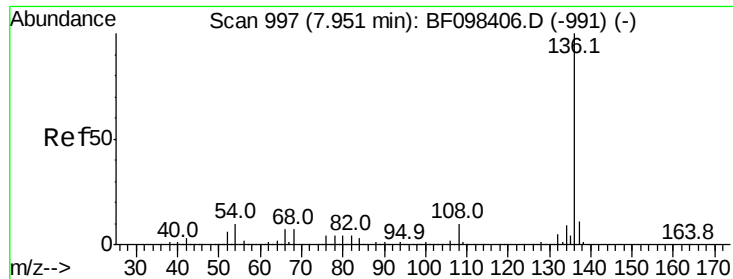
Sohil
9/12/2017 6:02:02 PM



#20
3+4-Methylphenols
Concen: 38.945 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		624393		
108	95.2	71.0	111.0		
77	46.1	90.5	130.5#		
79	30.9	8.4	48.4		





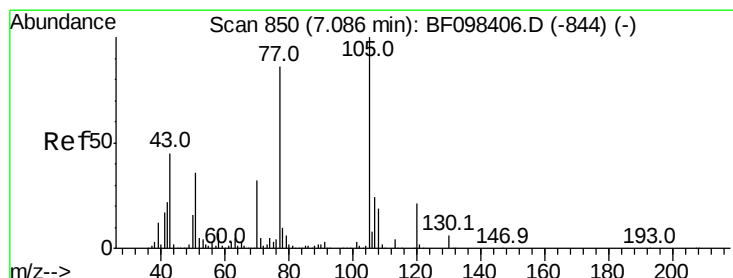
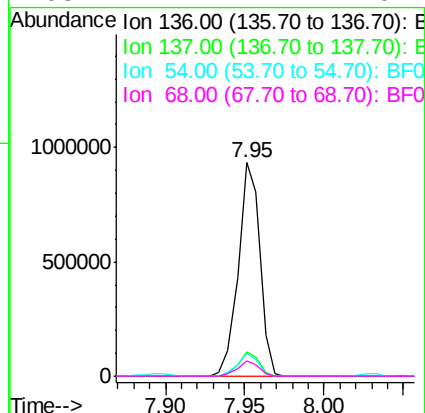
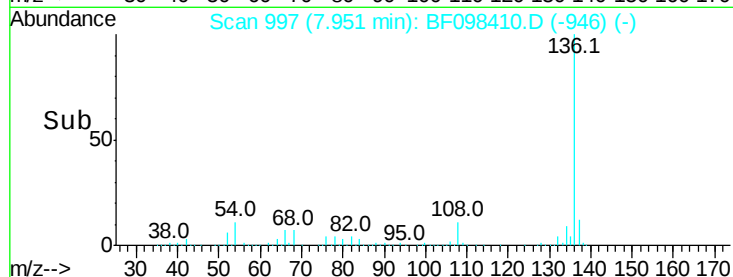
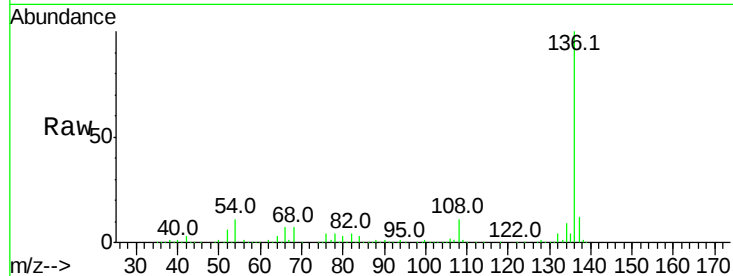
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	8.5	12.7	
54	10.7	4.9	7.3#	
68	7.4	4.1	6.1#	

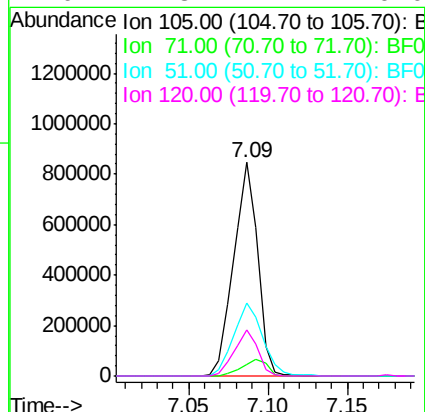
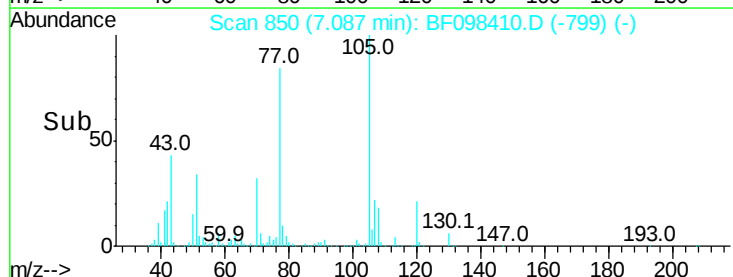
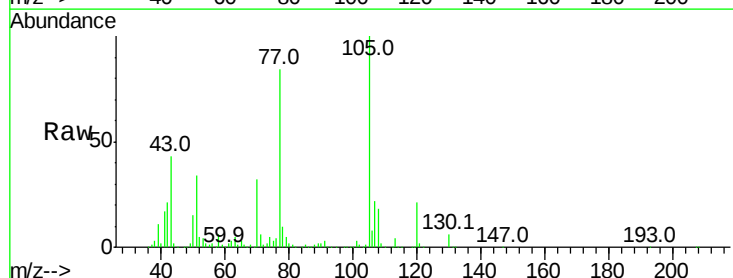
Manual Integrations
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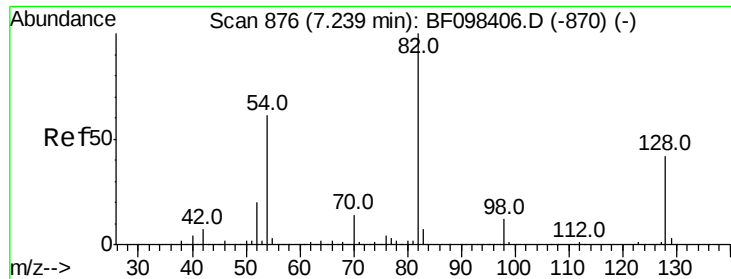
Sohil
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#22
Acetophenone
Concen: 39.027 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	2.8	4.2#	
51	34.3	30.7	46.1	
120	21.3	17.4	26.0	





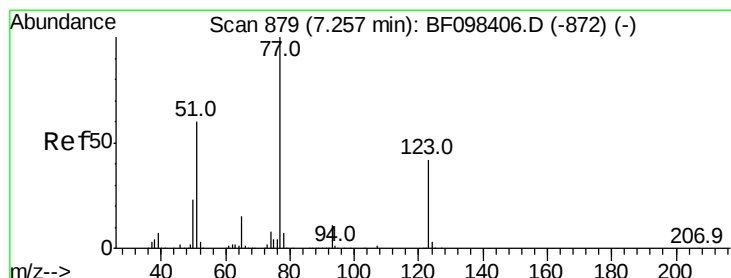
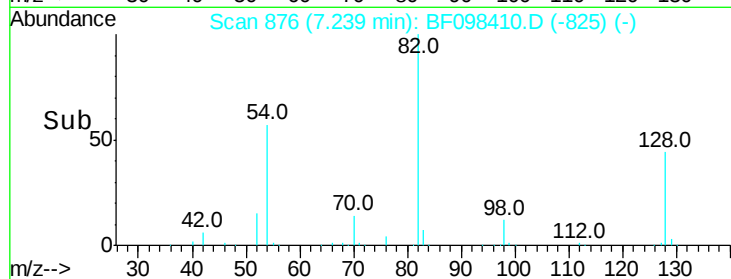
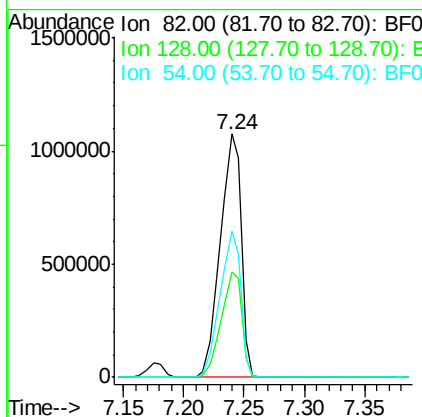
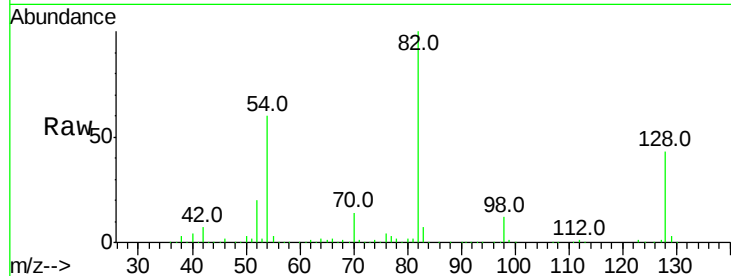
#23
 Nitrobenzene-d5
 Concen: 80.927 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	59.9	42.2	63.2

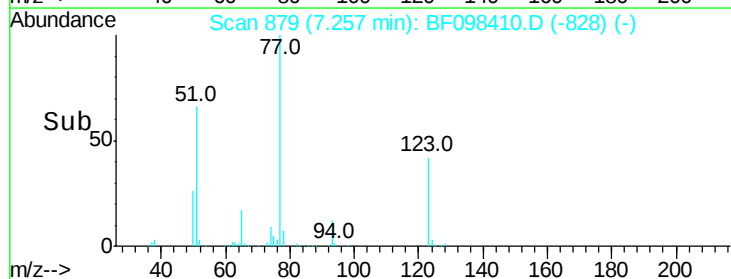
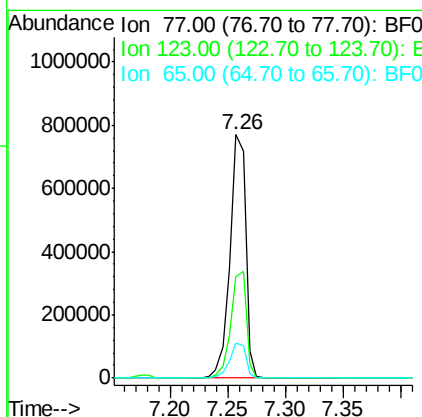
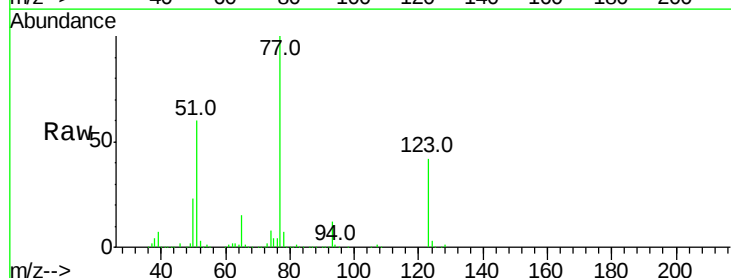
Manual Integrations
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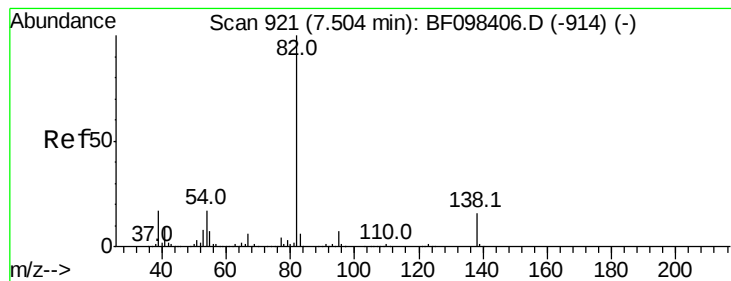
Sohil
 9/12/2017 6:02:02 PM



#24
 Nitrobenzene
 Concen: 40.409 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	35.8	53.8
65	14.5	10.6	15.8





#25

Isophorone

Concen: 39.430 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion: 82 Resp: 1264236

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

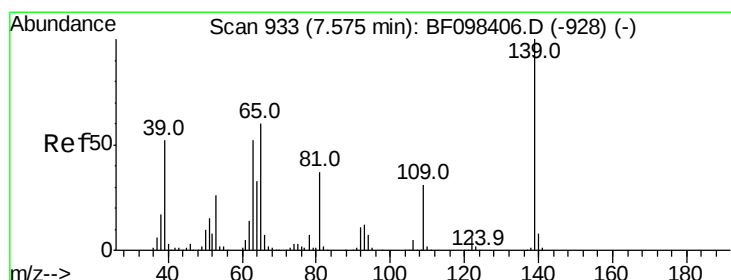
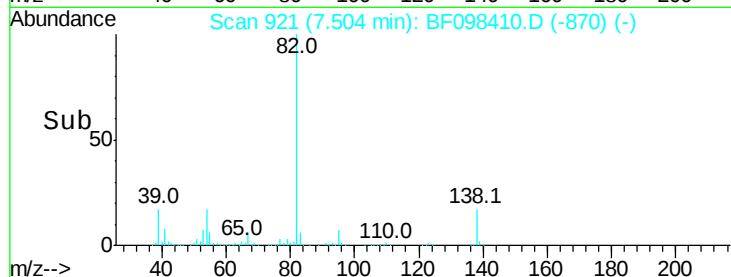
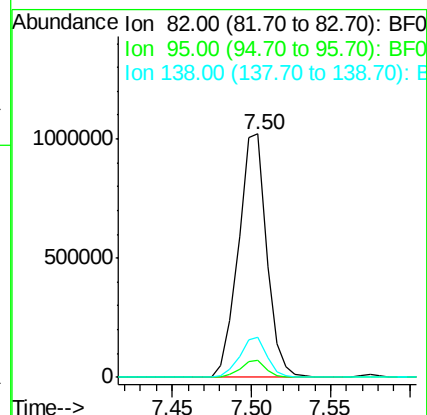
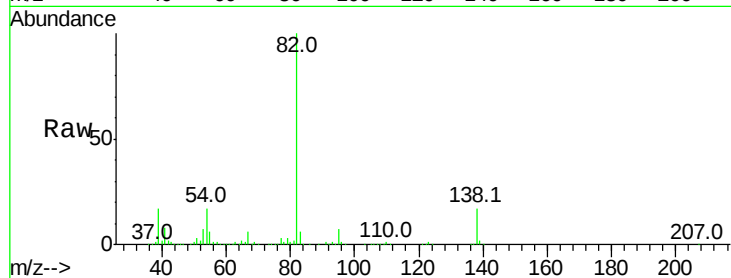
138 16.6 13.1 19.7

Manual Integrations

APPROVED

Sohil

9/12/2017 6:02:02 PM



#26

2-Nitrophenol

Concen: 43.376 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

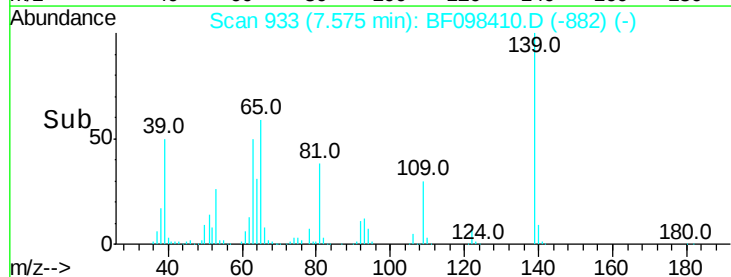
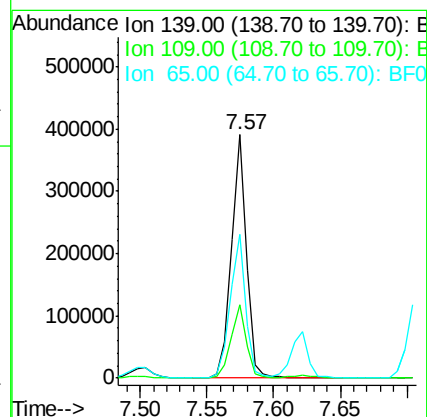
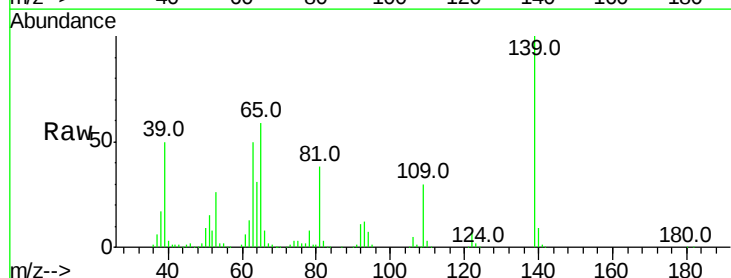
Tgt Ion: 139 Resp: 316132

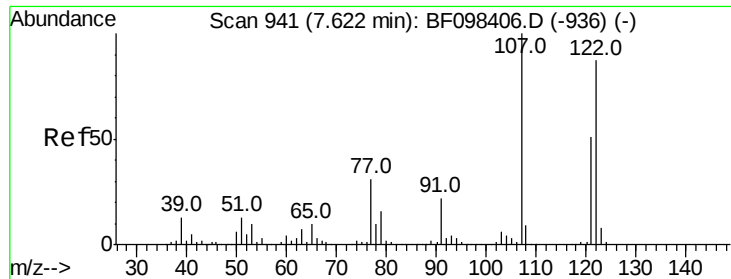
Ion Ratio Lower Upper

139 100

109 30.2 21.0 31.6

65 59.3 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.360 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

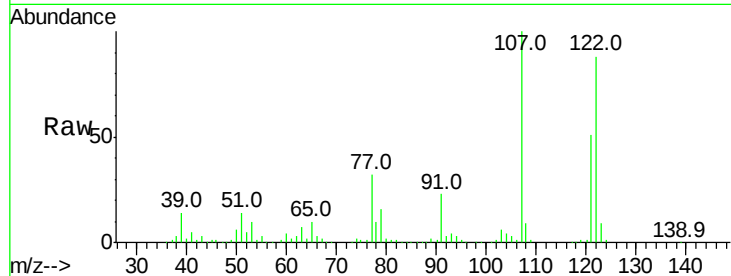
ClientSampleId :

ICVBF091117

Tot Ion:	122	Resp:	546838
Ion Ratio	Lower	Upper	
122	100		
107	113.9	89.2	133.8
121	58.0	45.2	67.8

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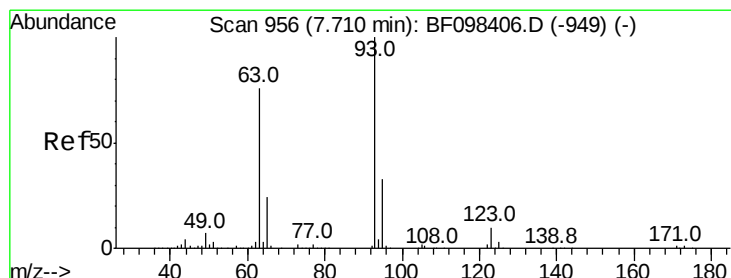
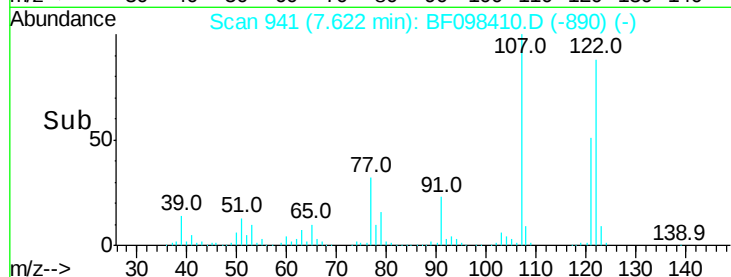
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

7.62

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 40.276 ng

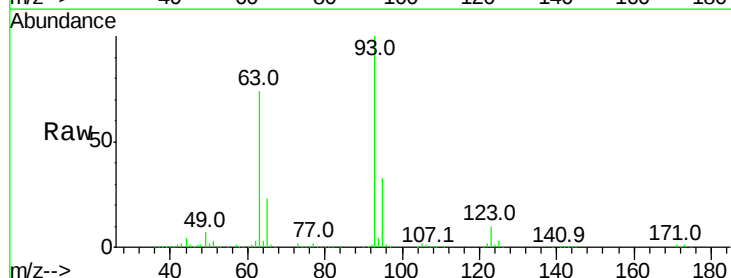
RT: 7.71 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF098410.D

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Tgt Ion:	93	Resp:	787972
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.5	39.7
123	10.5	9.0	13.4



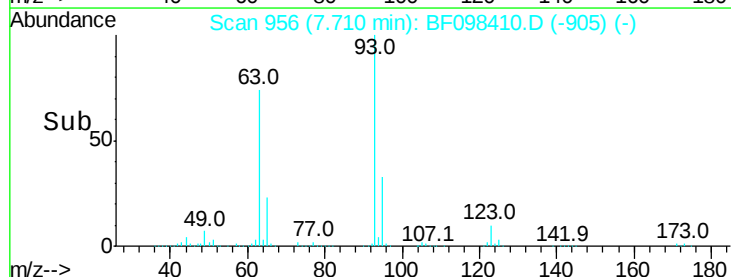
Abundance Ion 93.00 (92.70 to 93.70): BF0

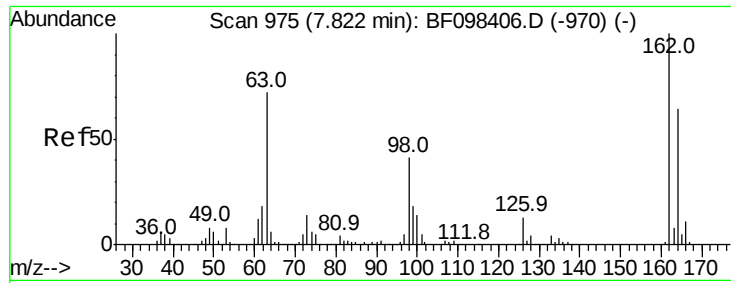
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

7.71

Time-->





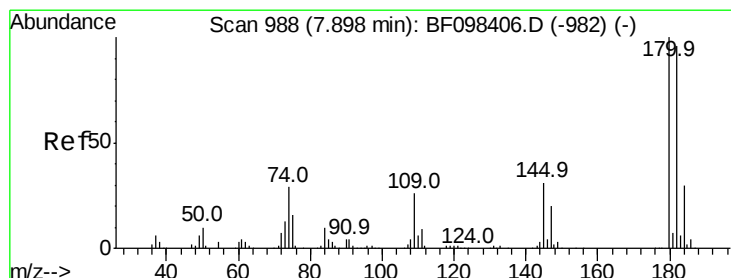
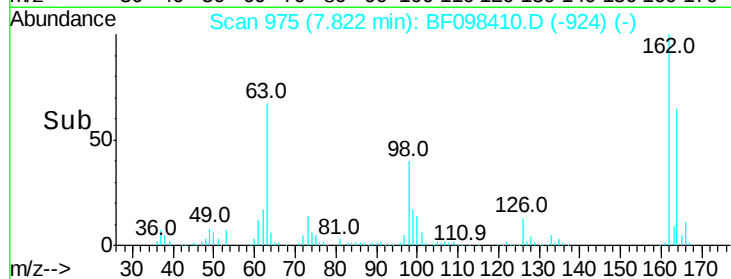
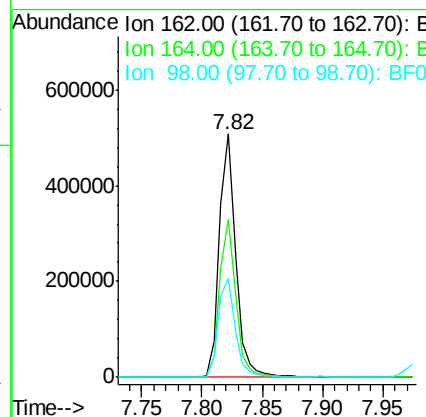
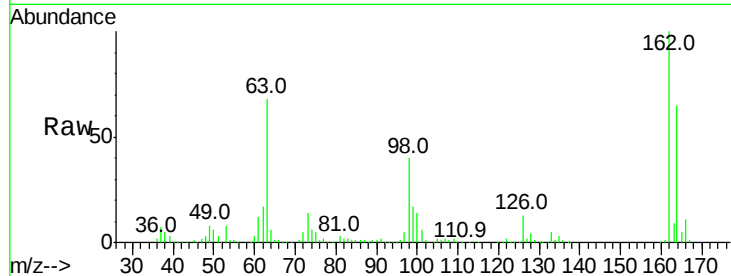
#29
 2,4-Dichlorophenol
 Concen: 40.880 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion:	162	Resp:	472361
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.6	84.6
98	40.4	14.8	54.8

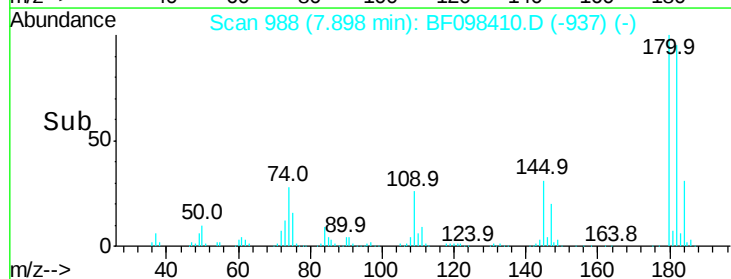
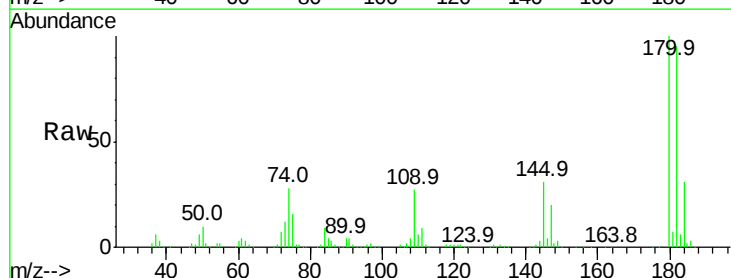
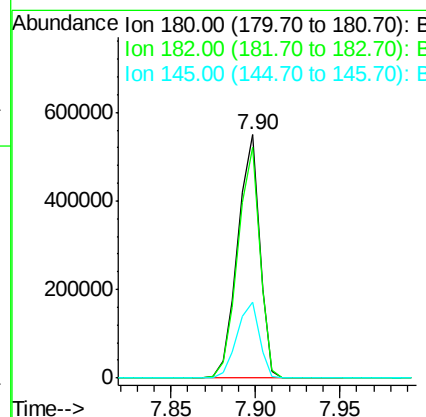
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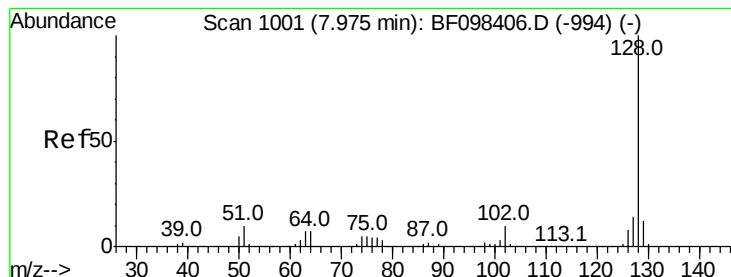
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.550 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion:	180	Resp:	497117
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.8	113.6
145	31.3	25.3	37.9





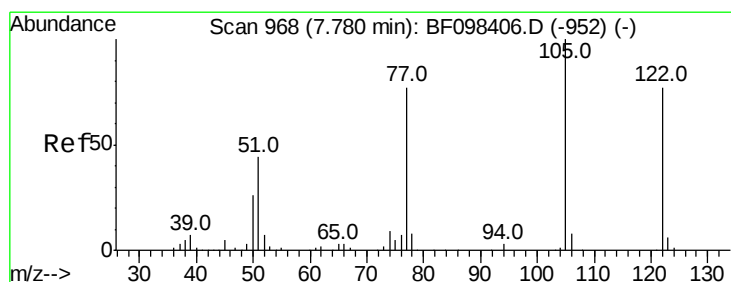
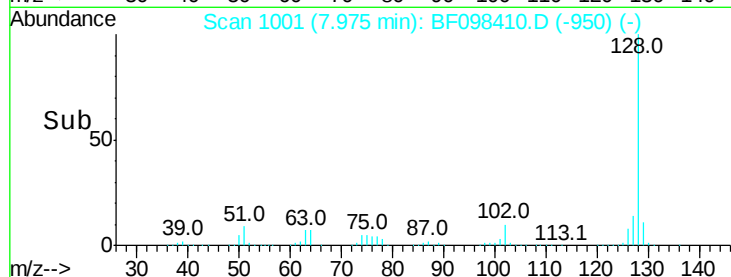
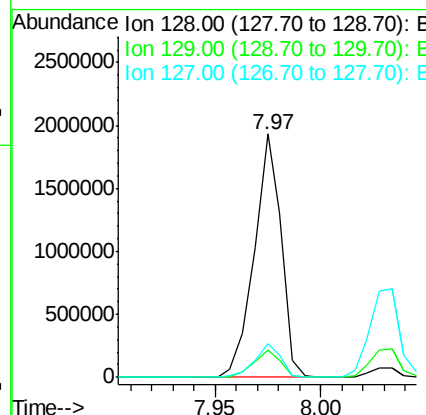
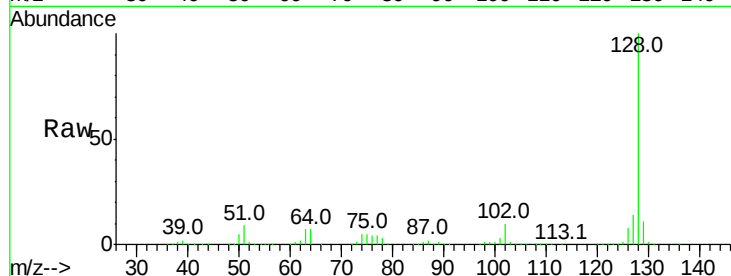
#31
Naphthalene
Concen: 39.095 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion:128 Resp: 1707463
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.9 10.8 16.2

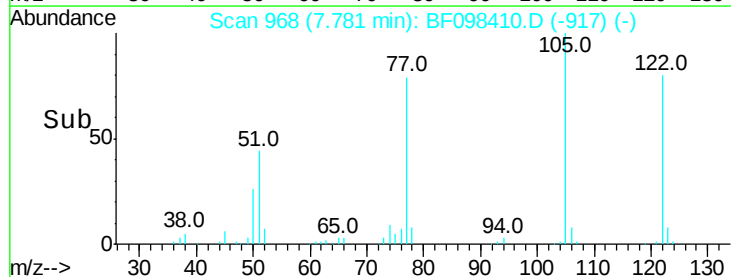
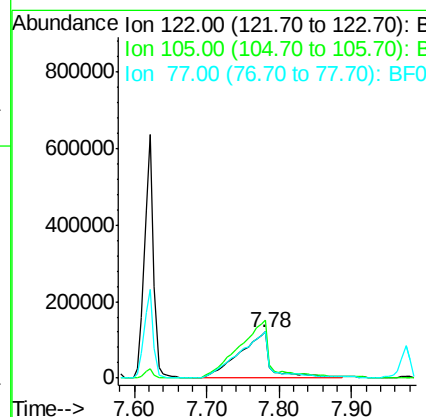
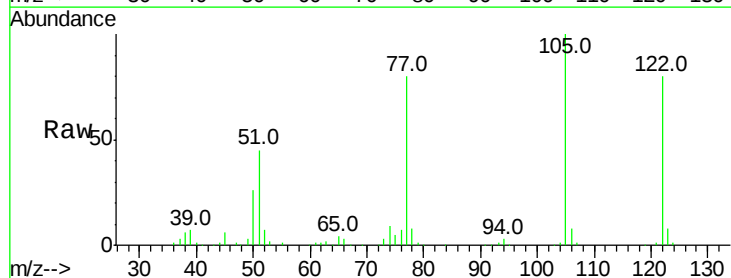
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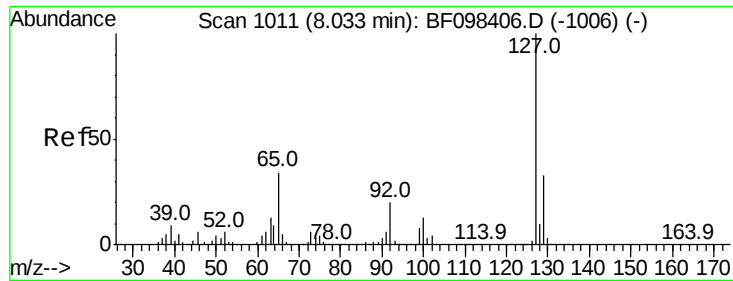
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#32
Benzoic acid
Concen: 40.086 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion:122 Resp: 358919
Ion Ratio Lower Upper
122 100
105 125.7 103.3 143.3
77 100.6 73.7 113.7





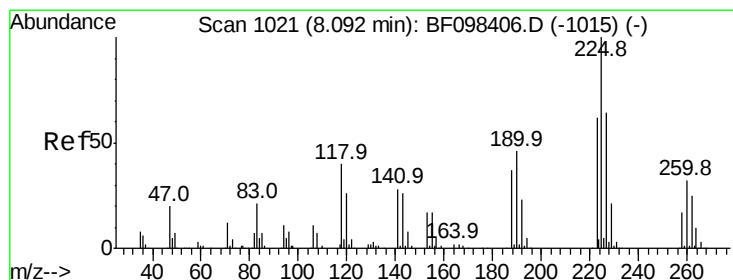
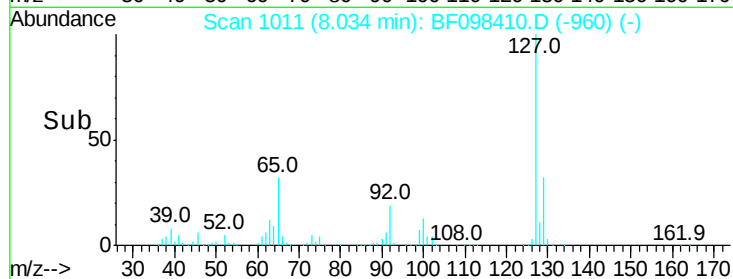
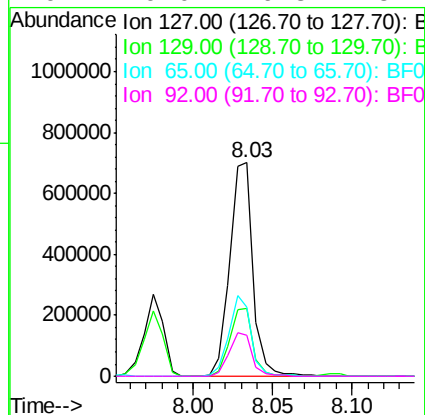
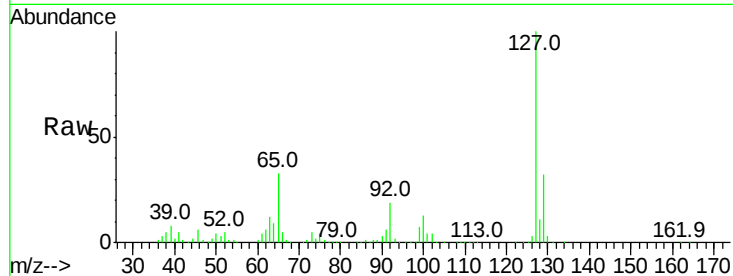
#33
4-Chloroaniline
Concen: 39.933 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.2		
65	32.6	27.8	41.8		
92	19.0	16.8	25.2		

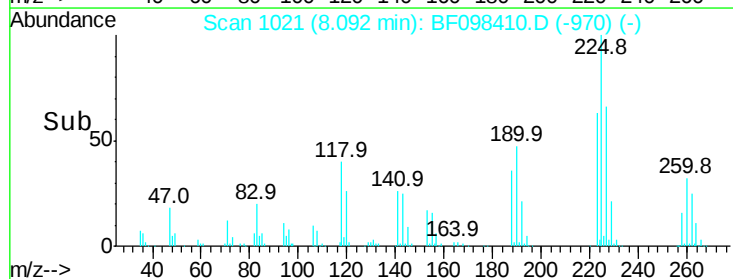
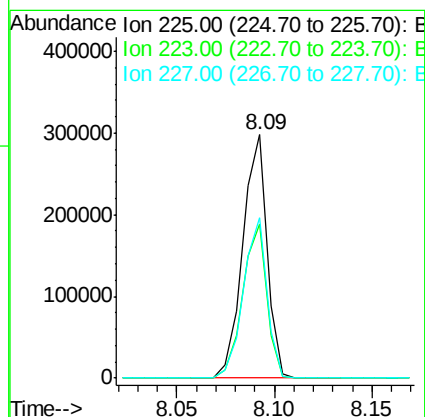
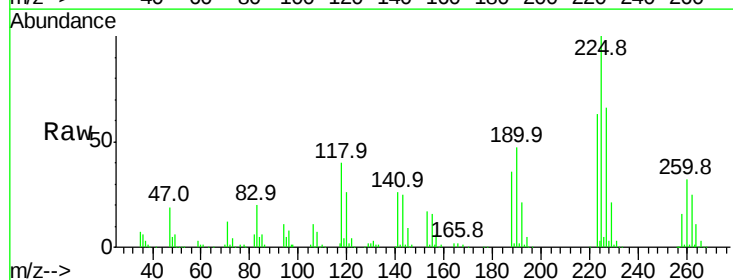
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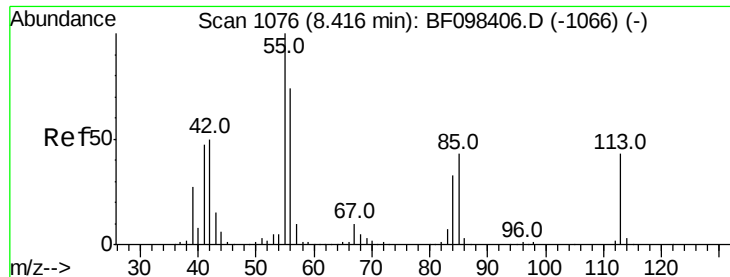
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#34
Hexachlorobutadiene
Concen: 39.764 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	48.8	73.2		
227	66.0	51.1	76.7		





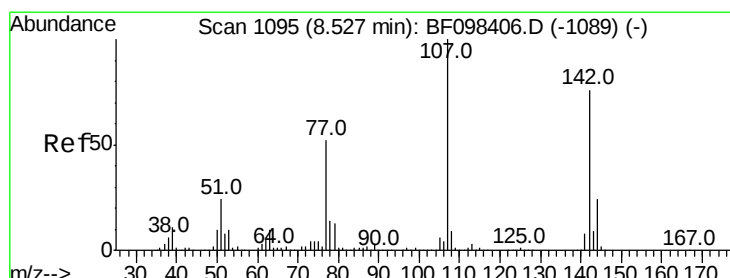
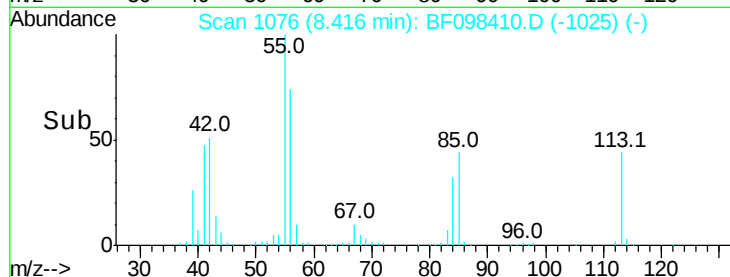
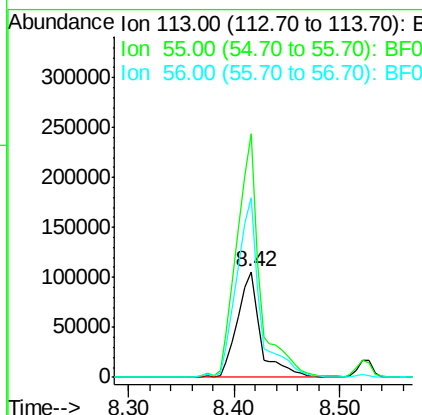
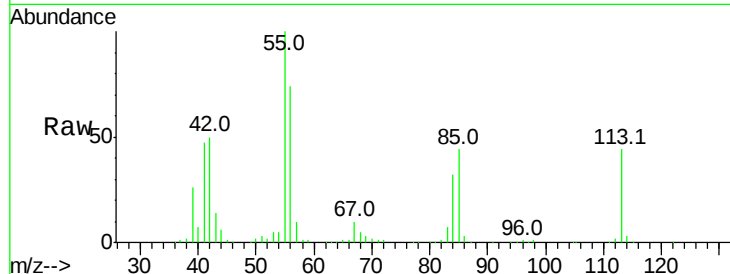
#35
 Caprolactam
 Concen: 40.565 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.8	150.2	190.2#
56	168.9	107.8	147.8#

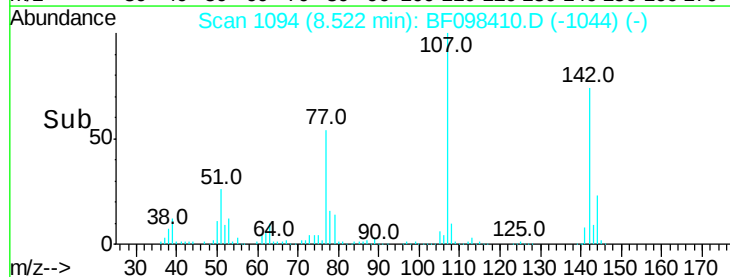
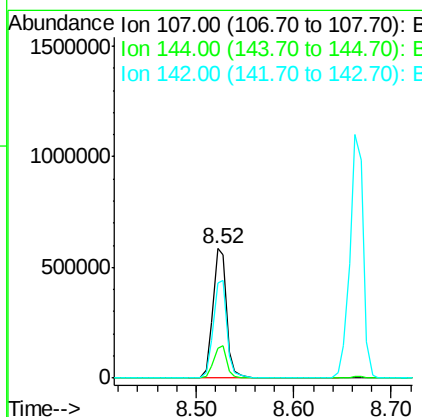
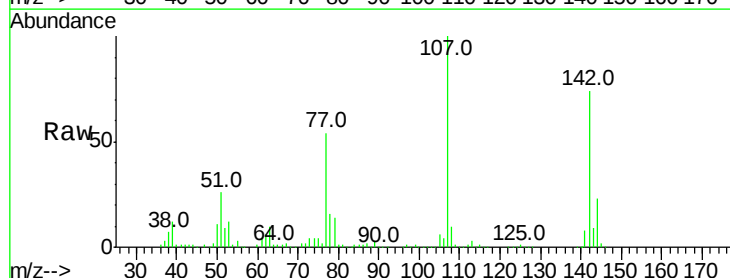
Manual Integrations
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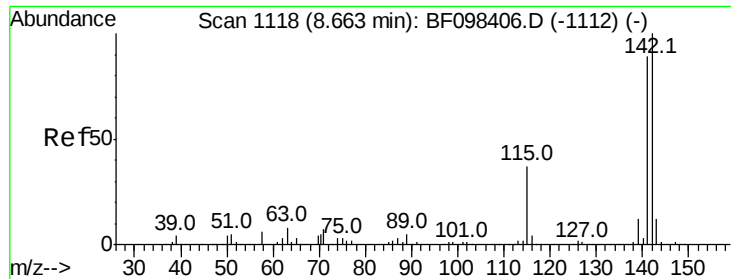
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#36
 4-Chloro-3-methylphenol
 Concen: 40.089 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	24.2	36.4#
142	73.8	73.4	110.0





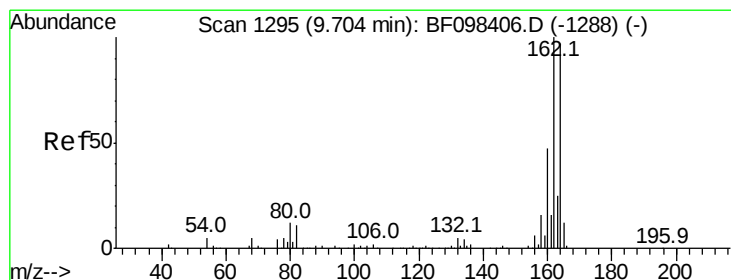
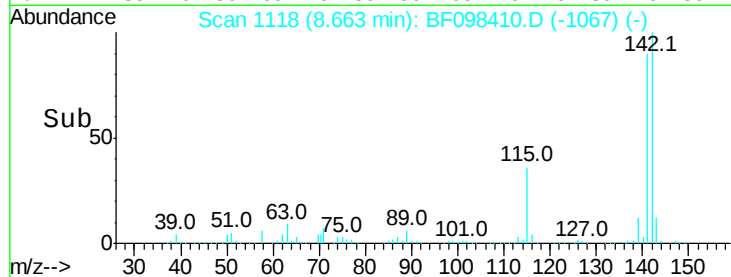
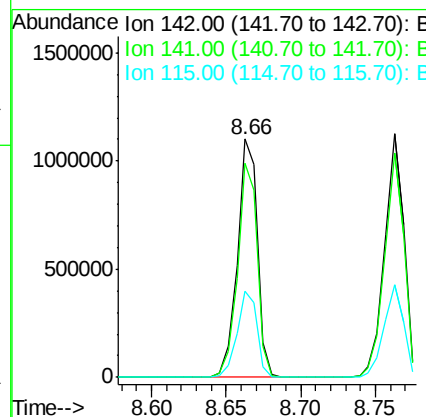
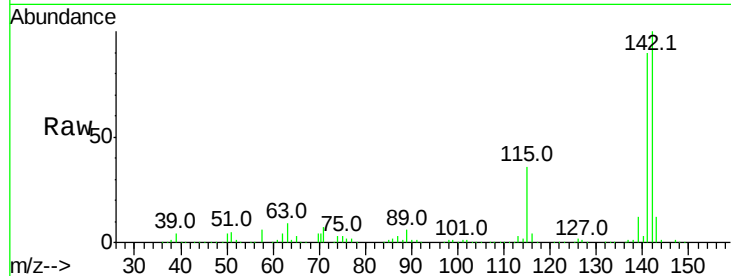
#37
2-Methylnaphthalene
Concen: 39.345 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampled :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	36.3	27.1	40.7

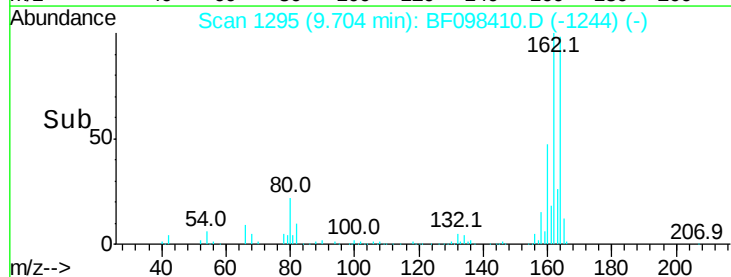
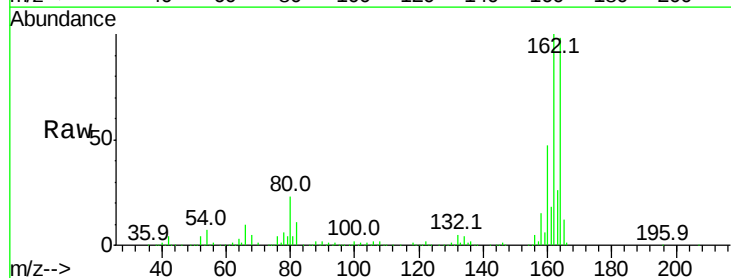
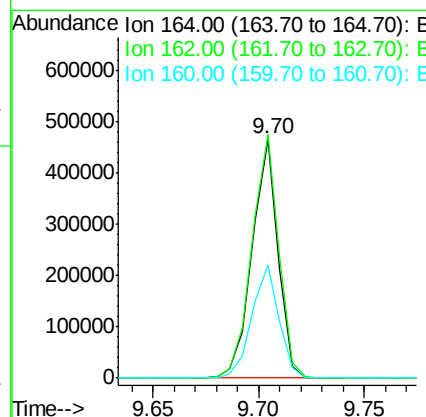
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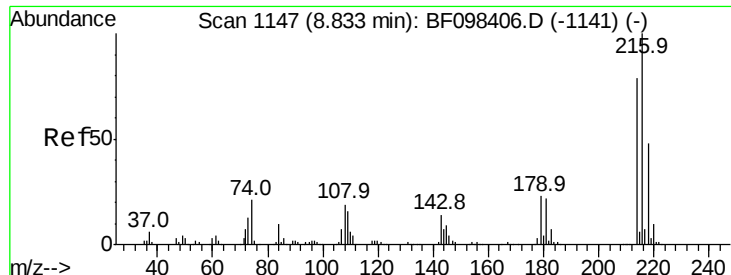
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	47.6	36.2	54.2





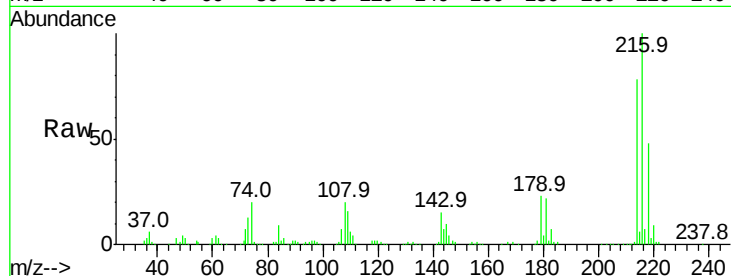
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.133 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

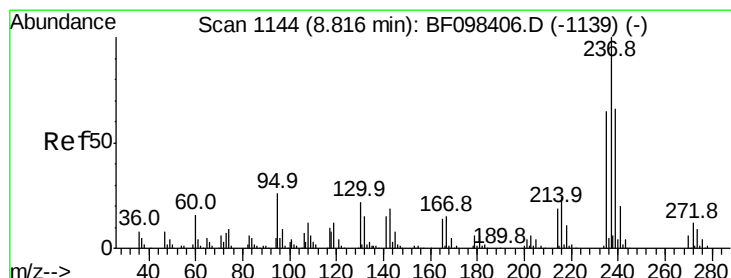
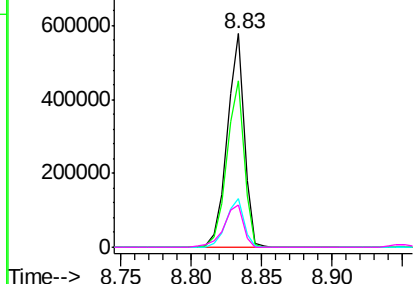
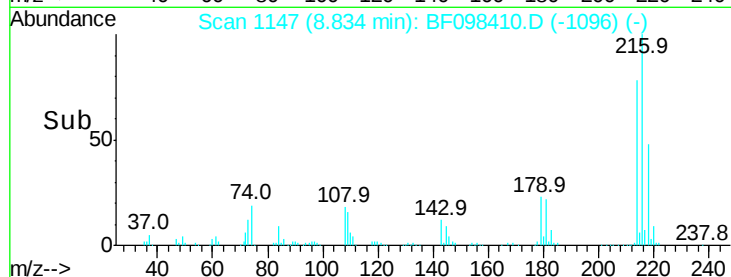
Tot Ion	Ratio	Resp	Lower	Upper
216	100	485187		
214	79.7	63.4	95.2	
179	23.5	17.9	26.9	
108	22.7	16.5	24.7	

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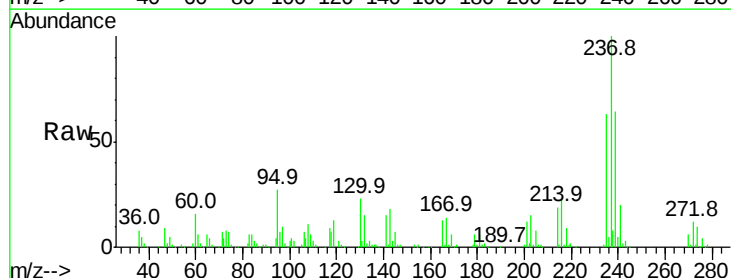


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

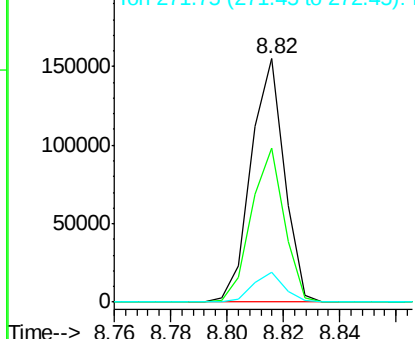
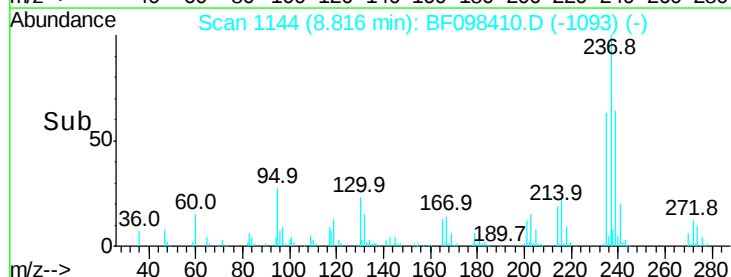


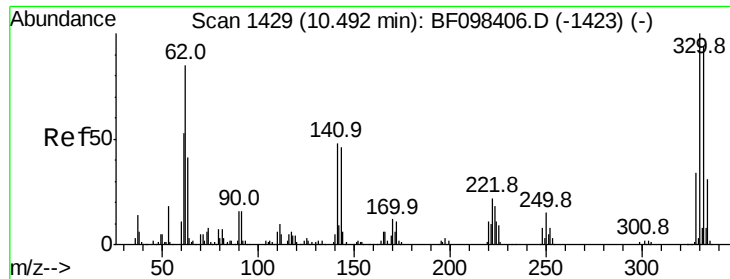
#40
 Hexachlorocyclopentadiene
 Concen: 40.392 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	126508		
235	63.3	42.6	82.6	
272	12.3	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





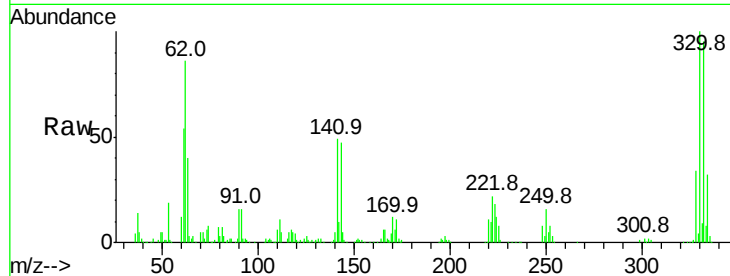
#41
 2,4,6-Tribromophenol
 Concen: 85.138 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

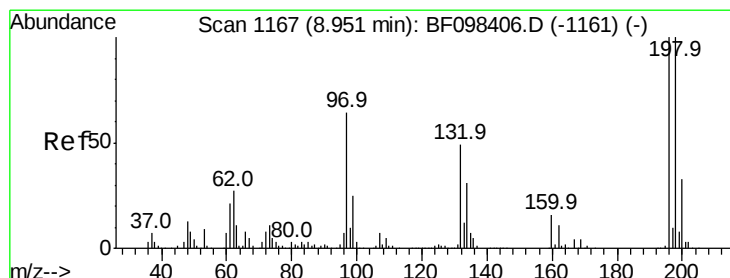
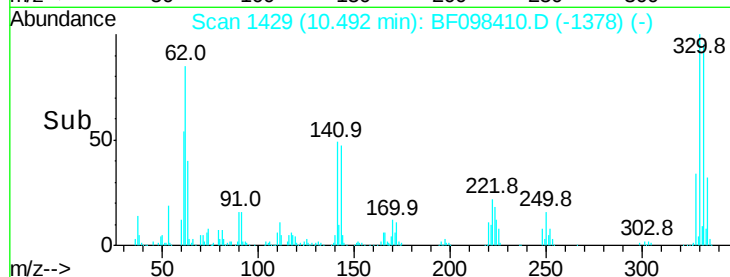
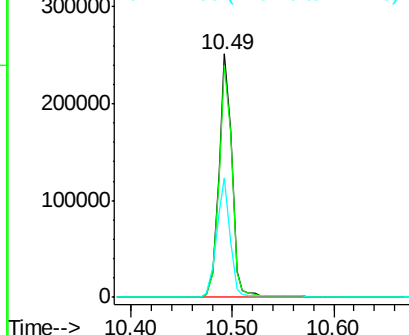
Tot Ion	Ratio	Resp	Lower	Upper
330	100	226168		
332	96.3	76.6	115.0	
141	50.6	31.4	47.2#	

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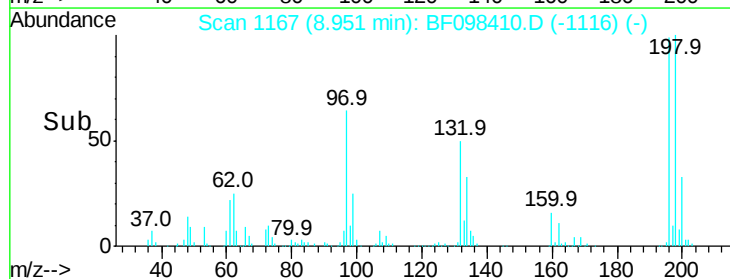
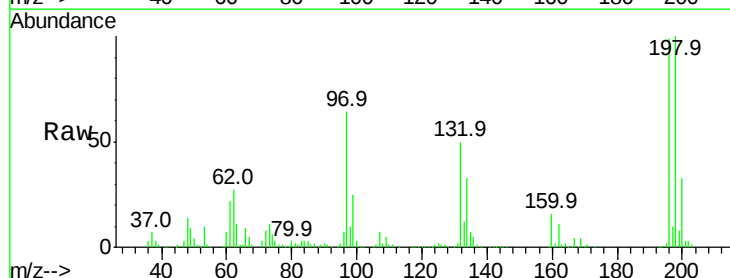
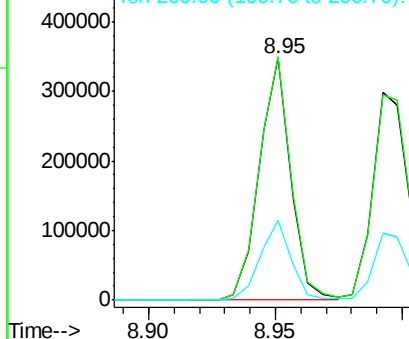
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

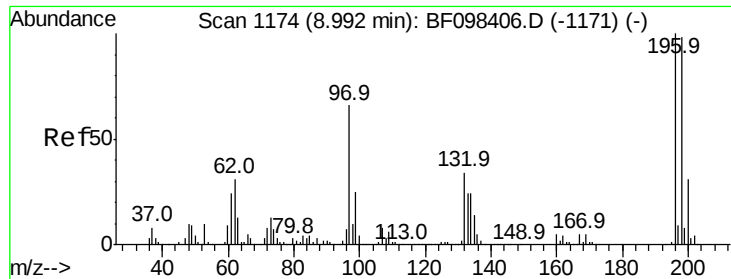


#42
 2,4,6-Trichlorophenol
 Concen: 41.350 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301127		
198	100.6	74.2	111.4	
200	33.0	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





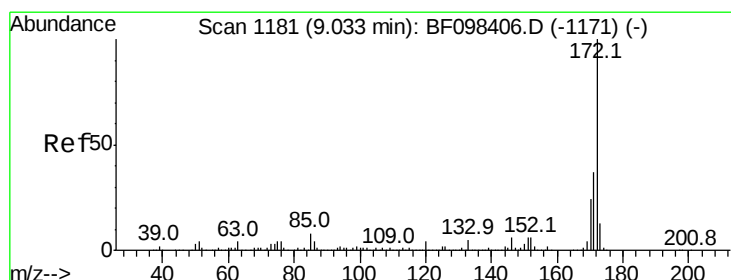
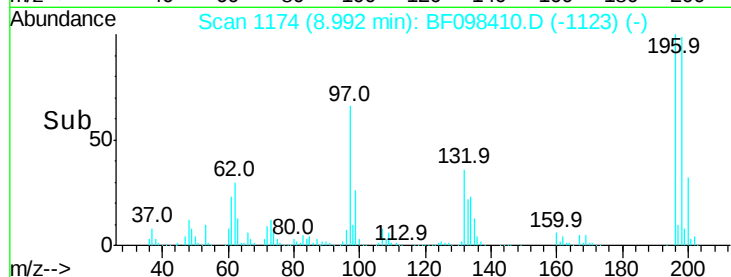
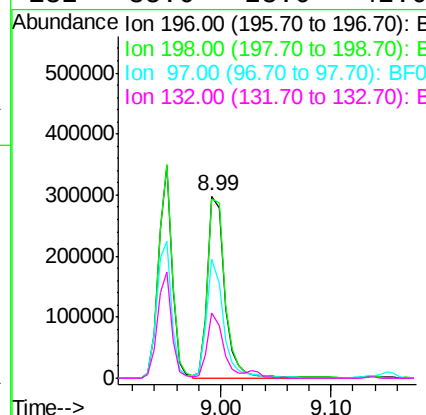
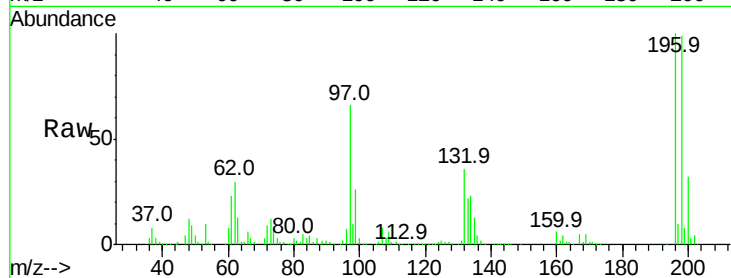
#43
 2,4,5-Trichlorophenol
 Concen: 41.298 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Resp	Lower	Upper
196	100	314350		
198	98.8	75.7	113.5	
97	65.8	47.7	71.5	
132	35.6	28.0	42.0	

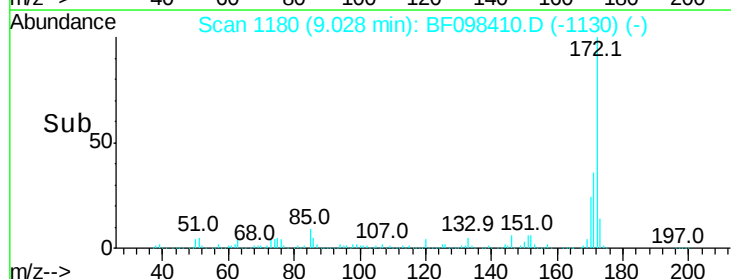
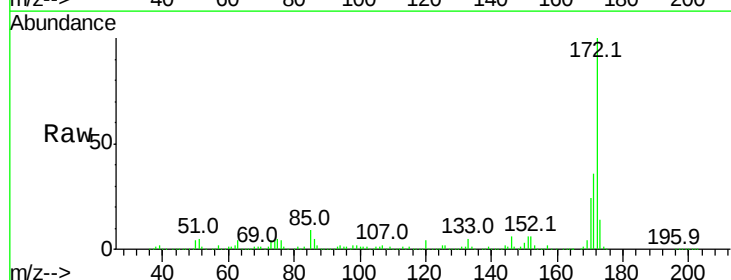
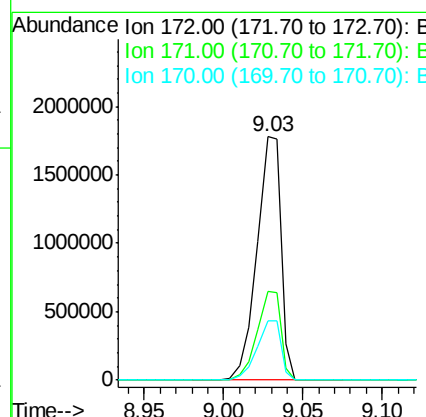
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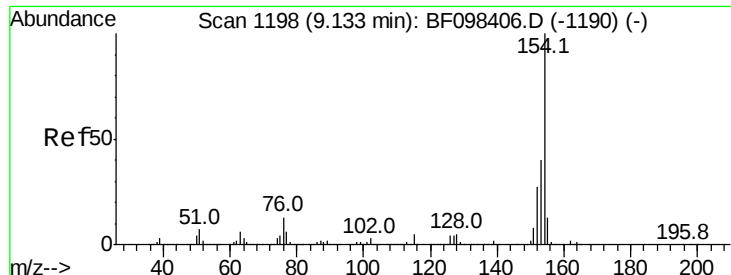
Sohil
 9/12/2017 6:02:02 PM



#44
 2-Fluorobiphenyl
 Concen: 80.346 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1886807		
171	36.4	29.6	44.4	
170	24.1	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: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion:154 Resp: 1387715

Ion Ratio Lower Upper

154 100

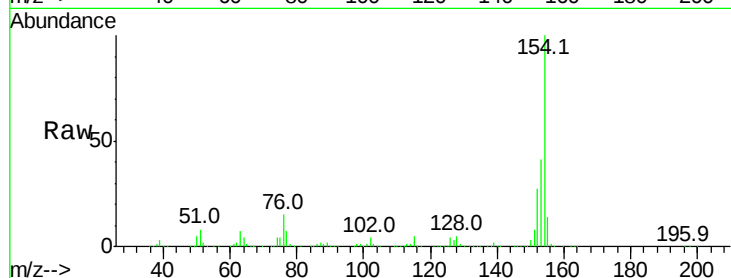
153 41.1 21.2 61.2

76 15.3 0.0 29.9

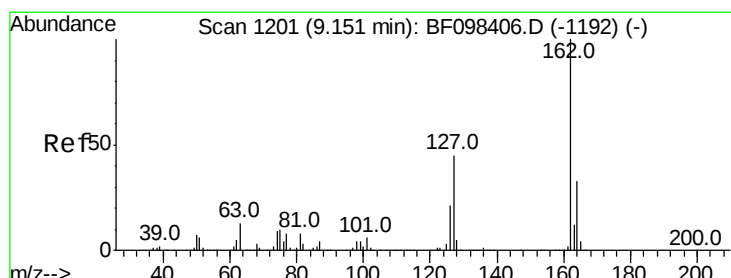
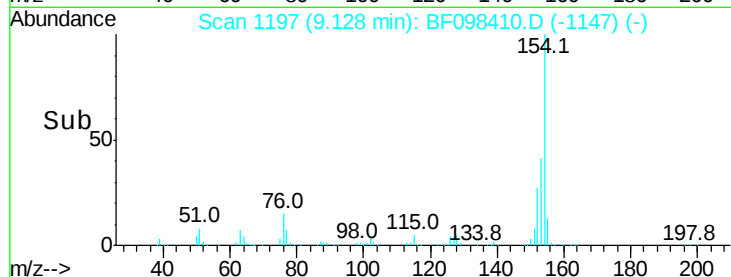
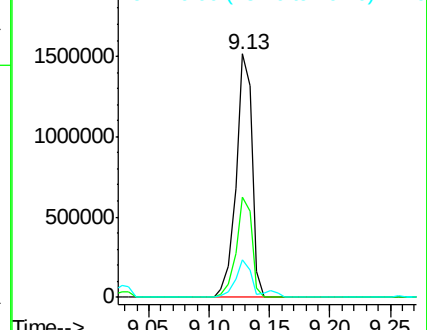
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.221 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

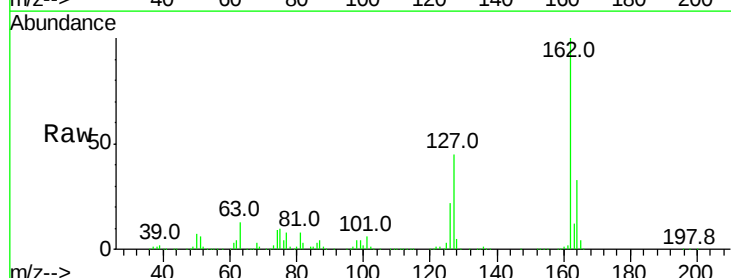
Tgt Ion:162 Resp: 997888

Ion Ratio Lower Upper

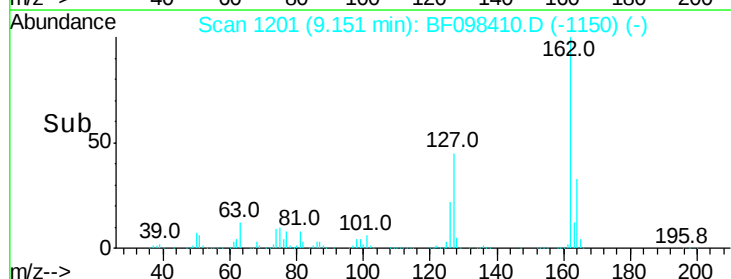
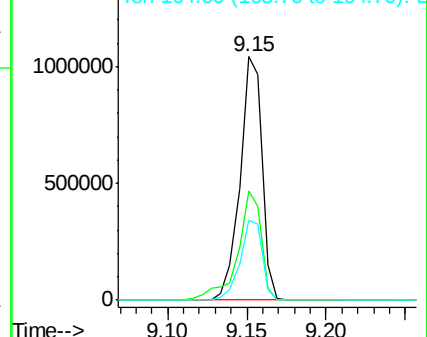
162 100

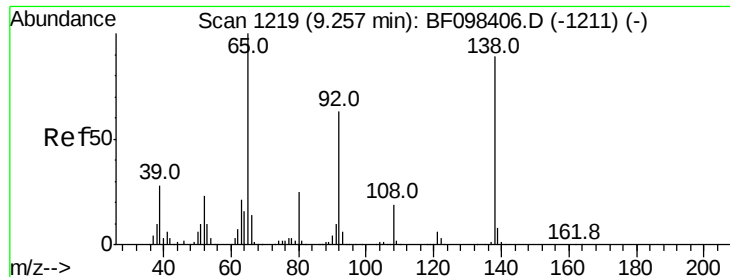
127 45.1 28.3 42.5#

164 32.7 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: 41.529 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion: 65 Resp: 405547

Ion Ratio Lower Upper

65 100

92 62.8 53.9 80.9

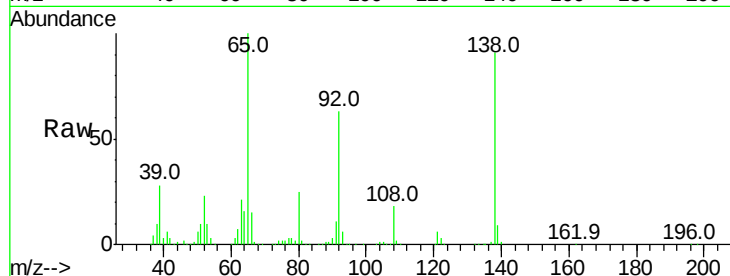
138 90.6 78.8 118.2

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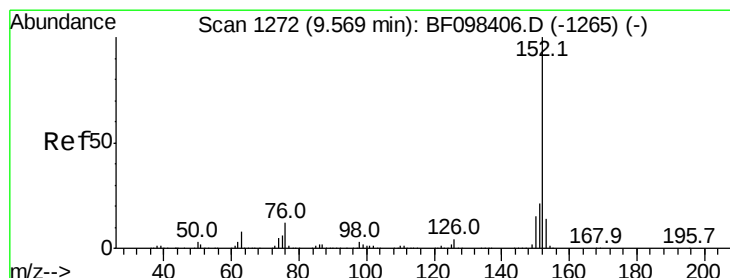
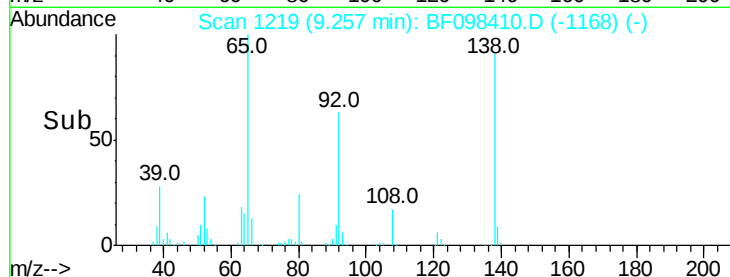
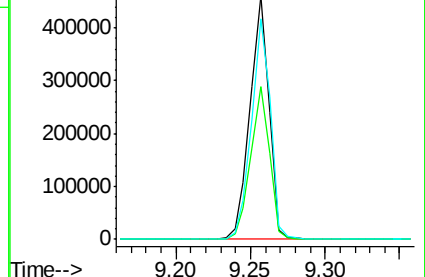
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.152 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

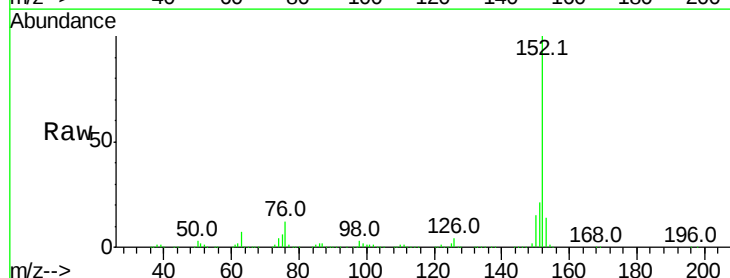
Tgt Ion: 152 Resp: 1481132

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

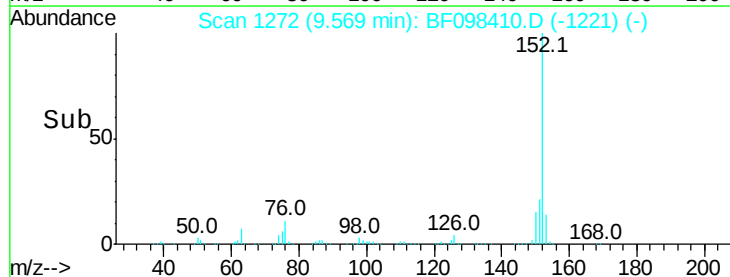
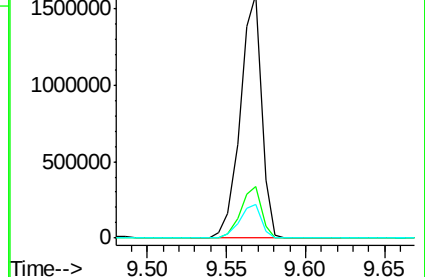
153 14.1 10.8 16.2

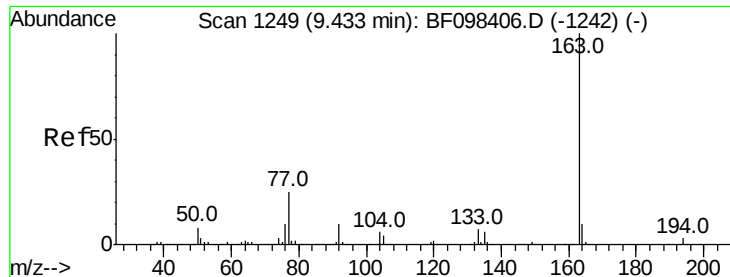


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





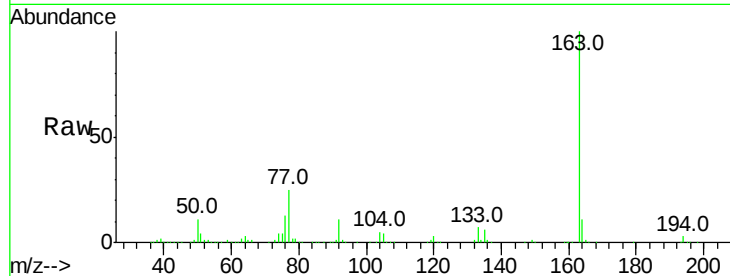
#49
Dimethylphthalate
Concen: 39.249 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampled :
ICVBF091117

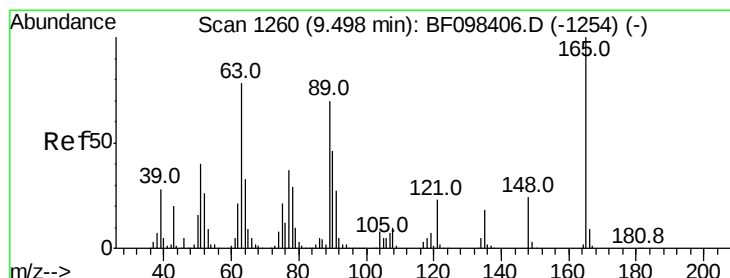
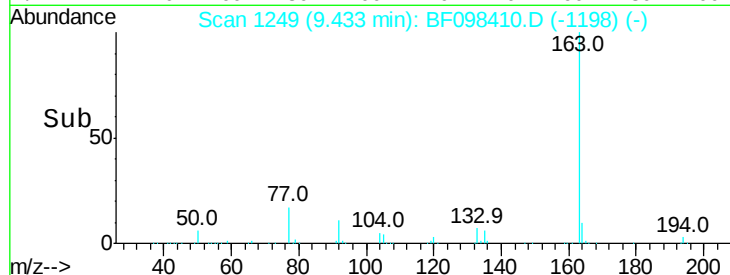
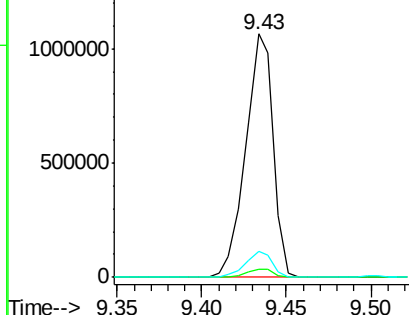
Tot Ion:163 Resp: 1209287
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.4 12.6

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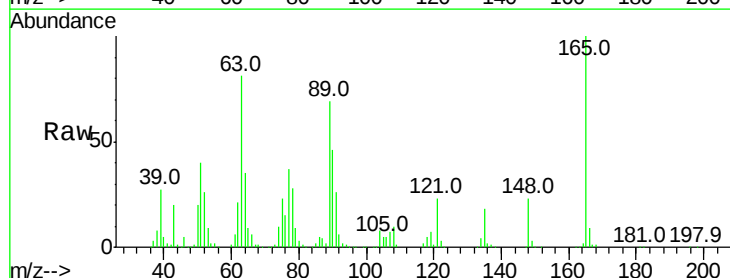


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

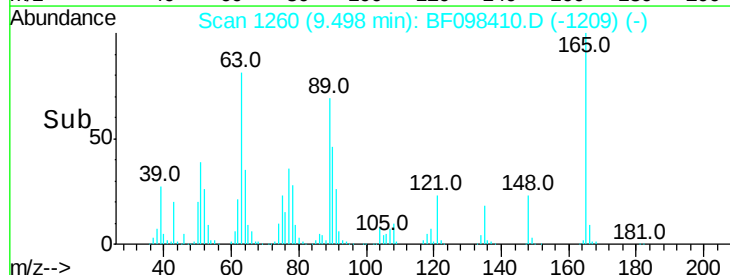
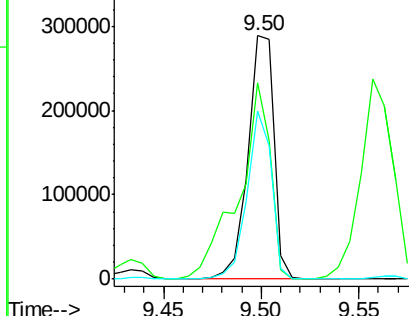


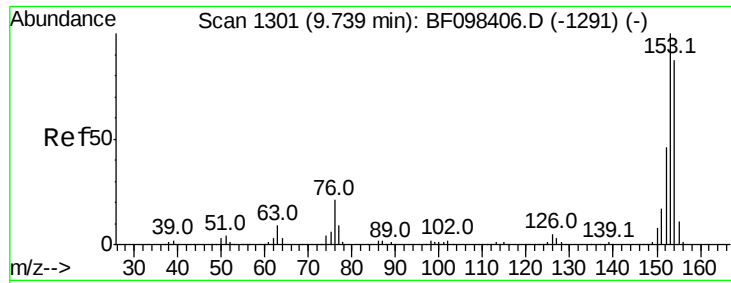
#50
2,6-Dinitrotoluene
Concen: 42.086 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion:165 Resp: 266356
Ion Ratio Lower Upper
165 100
63 80.6 34.3 51.5#
89 68.9 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





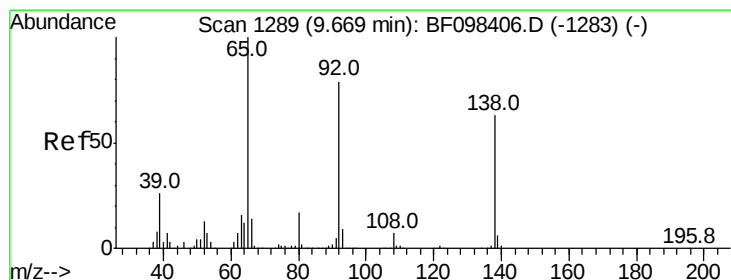
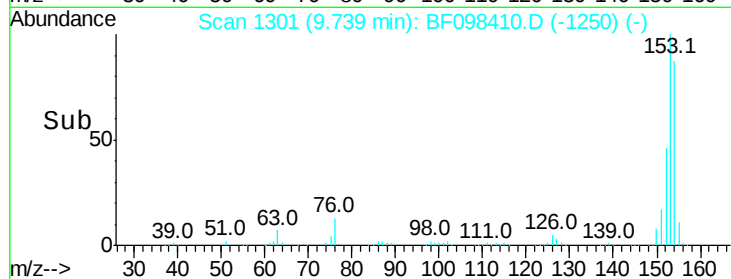
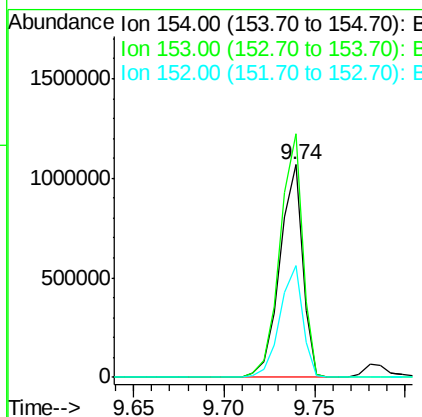
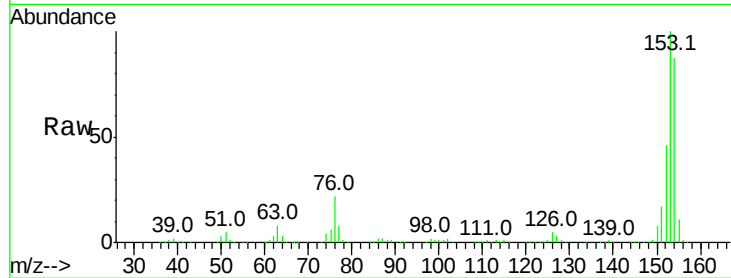
#51
Acenaphthene
Concen: 38.840 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.5	135.7
152	52.4	43.6	65.4

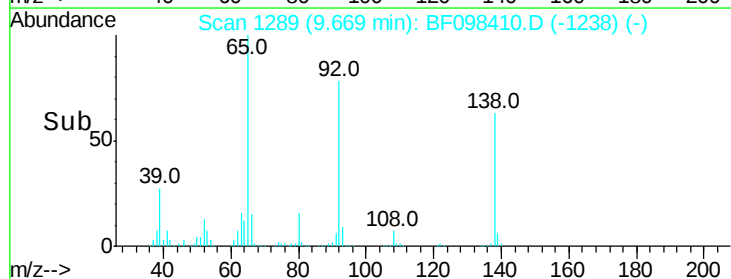
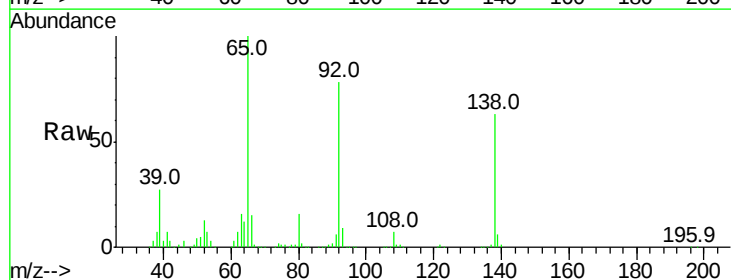
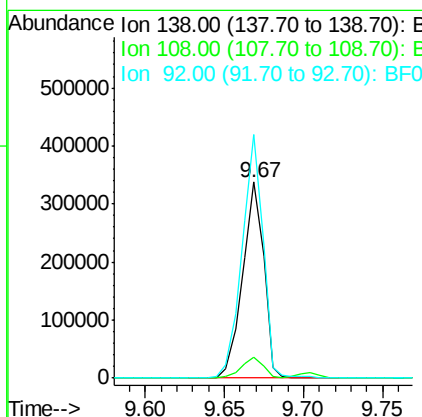
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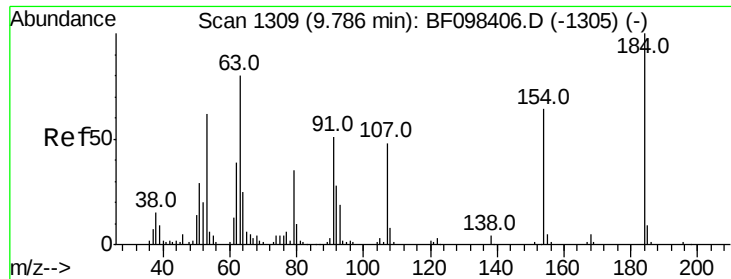
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#52
3-Nitroaniline
Concen: 41.025 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	124.1	93.8	140.6





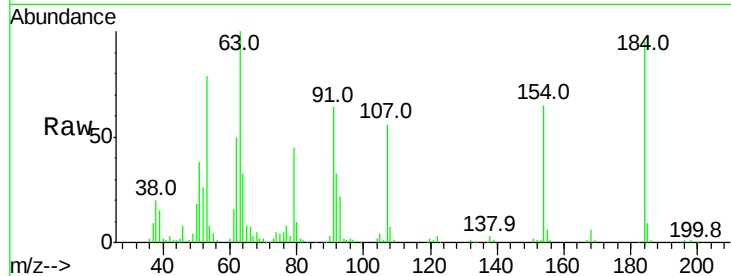
#53
2,4-Dinitrophenol
Concen: 40.419 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

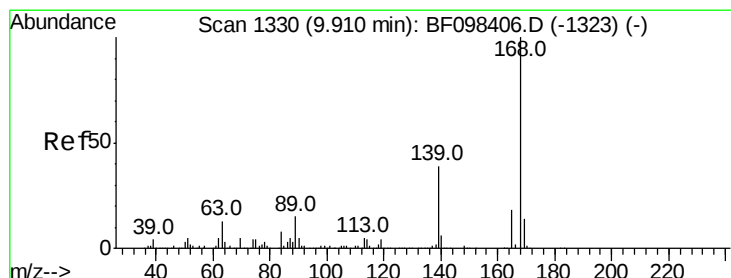
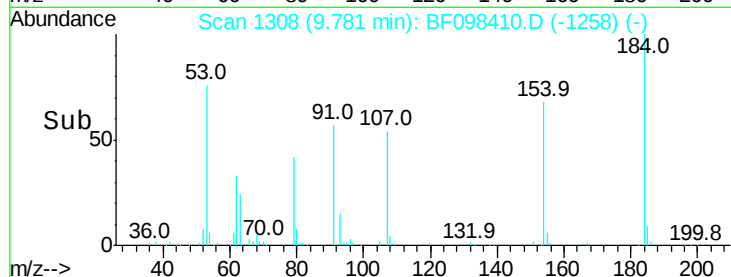
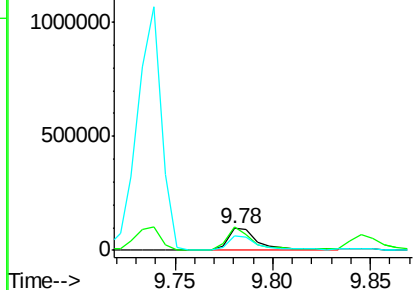
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	105.3	62.7	94.1#	
154	68.4	81.1	121.7#	

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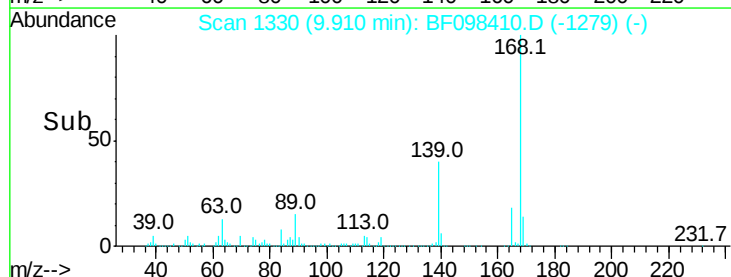
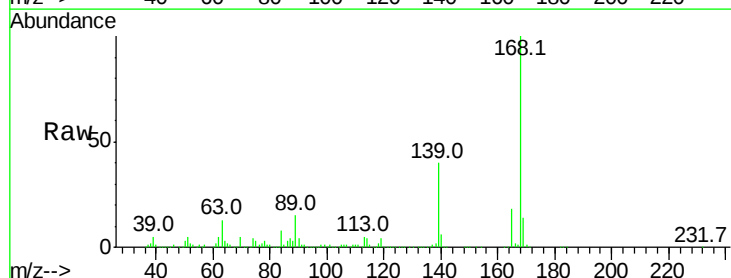
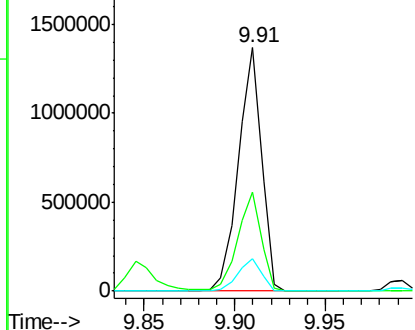
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

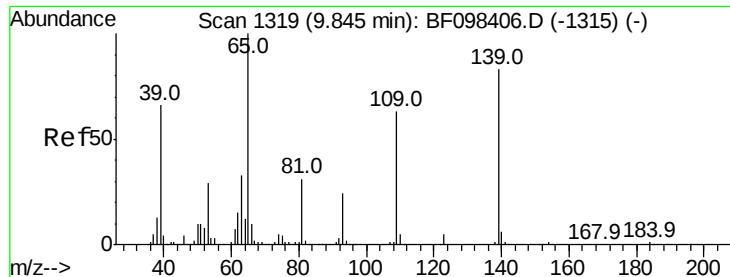


#54
Dibenzofuran
Concen: 38.428 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	30.6	45.8	
169	13.5	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: 41.276 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion:139 Resp: 181170
Ion Ratio Lower Upper

139 100

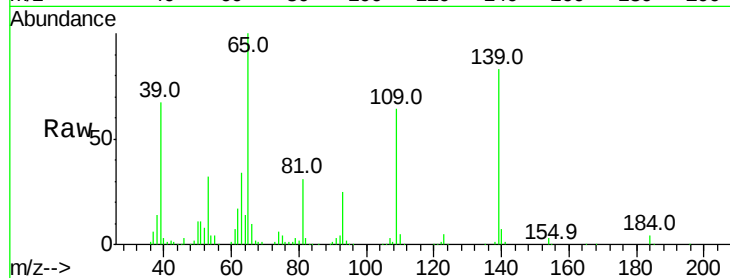
109 76.9 34.1 74.1#

65 120.8 31.4 71.4#

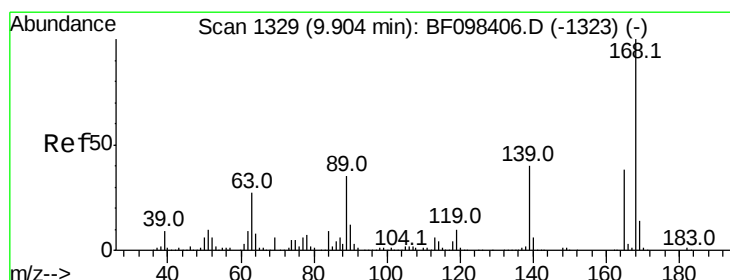
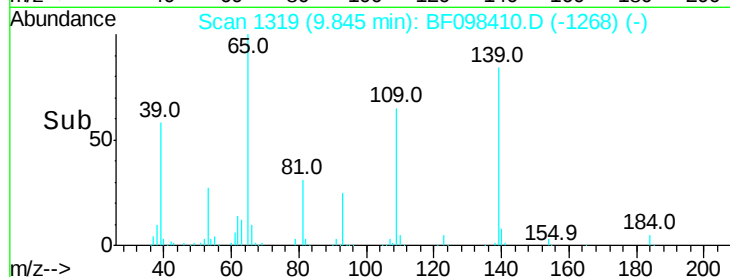
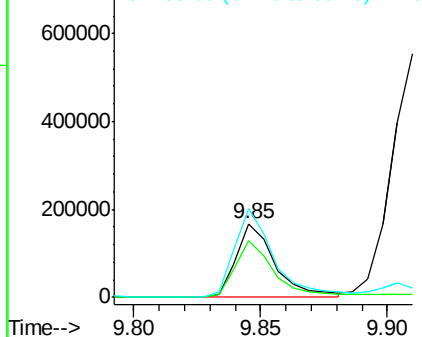
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.081 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion:165 Resp: 316085
Ion Ratio Lower Upper

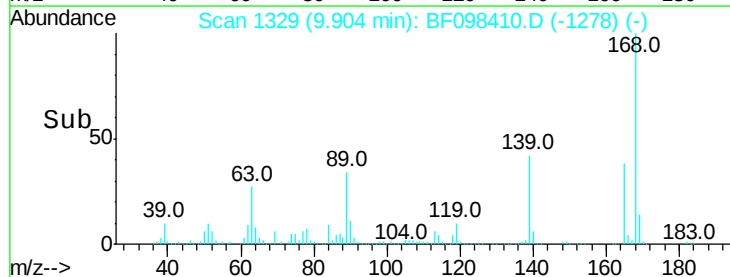
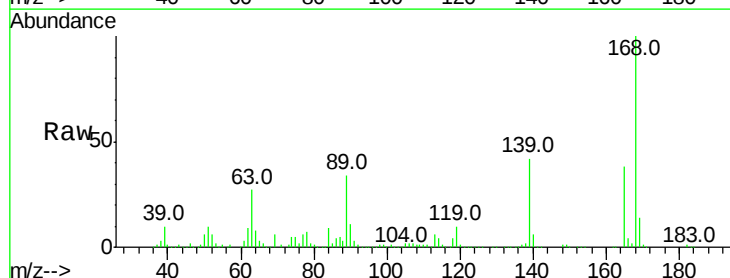
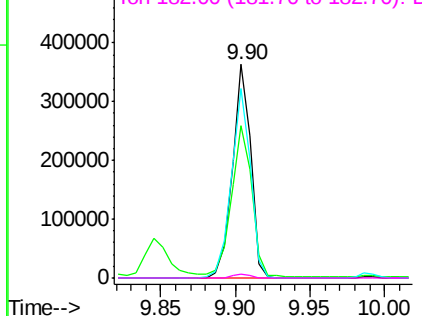
165 100

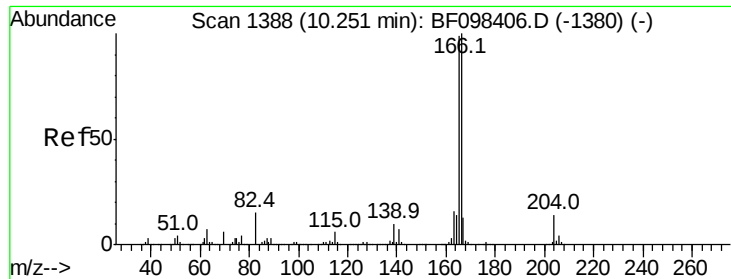
63 71.1 25.4 38.0#

89 88.5 46.4 69.6#

182 2.0 1.8 2.6

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
Ion 182.00 (181.70 to 182.70): E





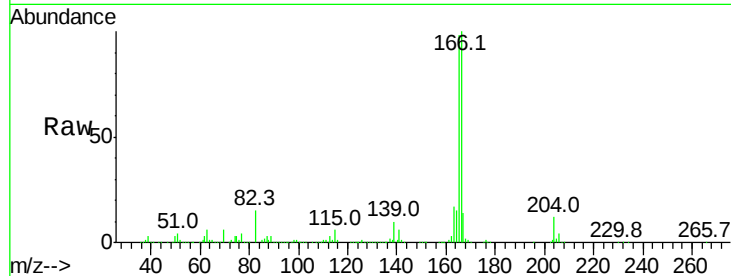
#57
Fluorene
 Concen: 38.471 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	13.5	10.6	16.0

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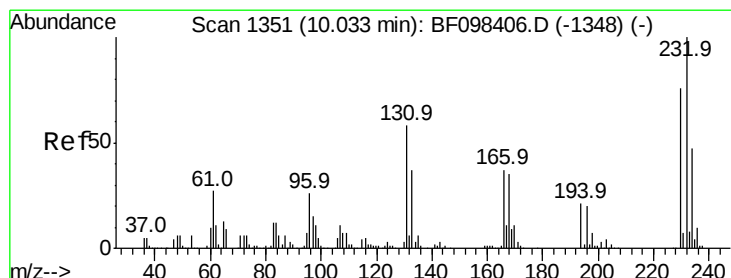
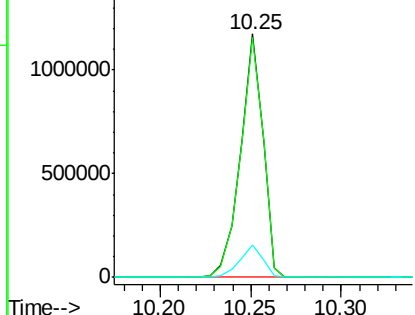
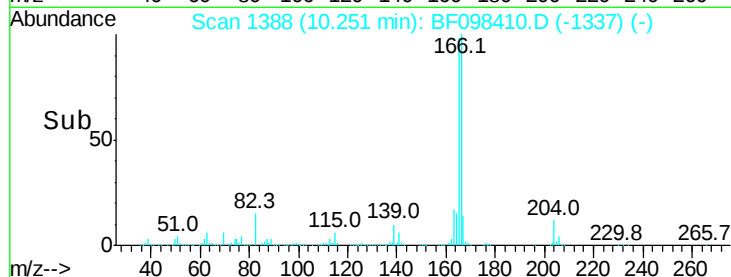


Abundance

Ion 166.00 (165.70 to 166.70): E

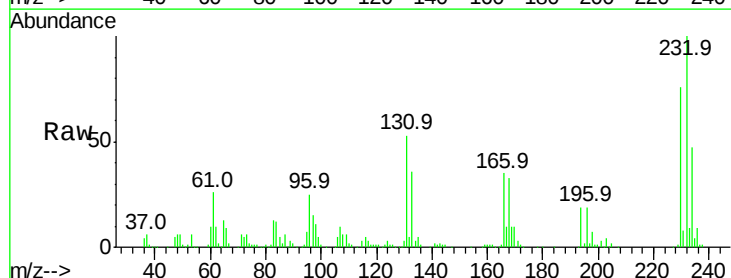
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.937 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.9	44.8	67.2
130	3.2	2.3	3.5
166	36.3	29.0	43.4



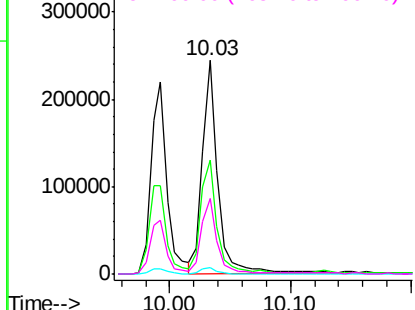
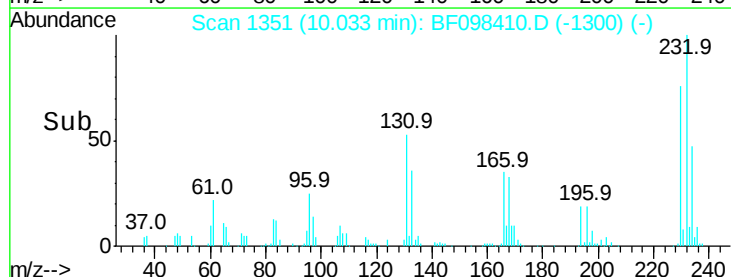
Abundance

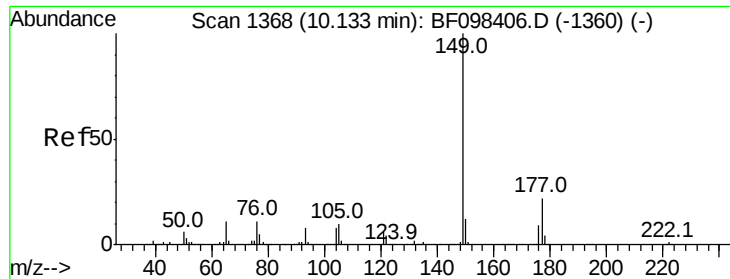
Ion 232.00 (231.70 to 232.70): E

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





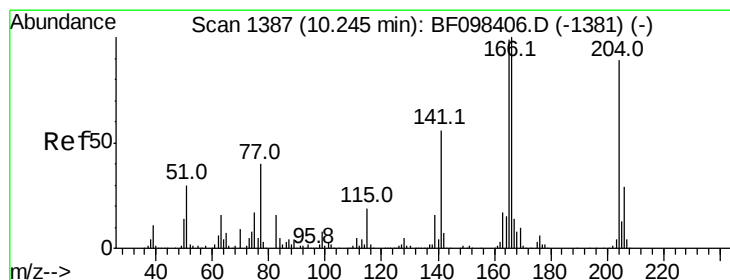
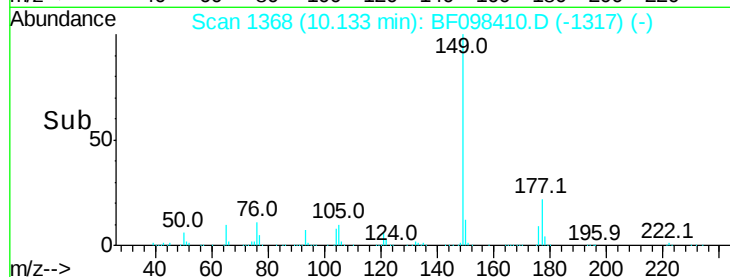
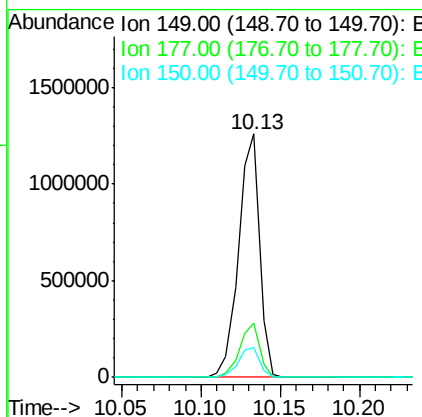
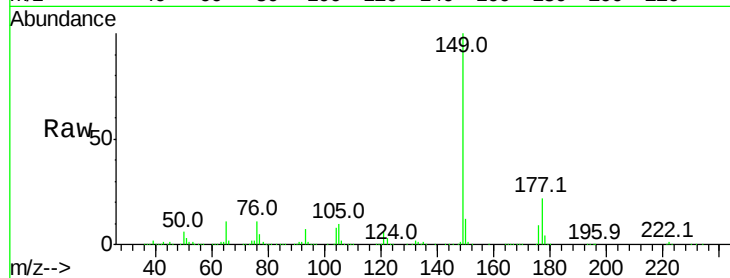
#59
Diethylphthalate
Concen: 39.368 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion:149 Resp: 1153536
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.3 10.2 15.2

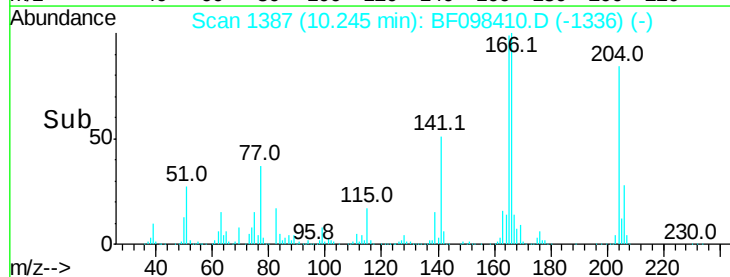
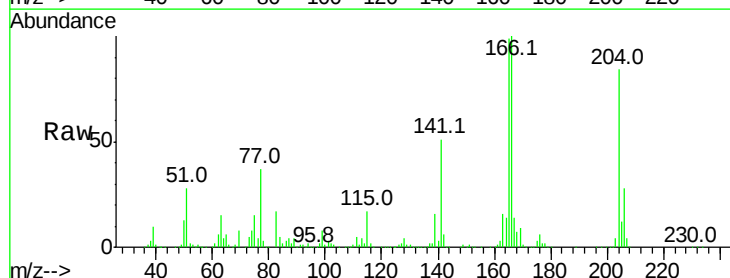
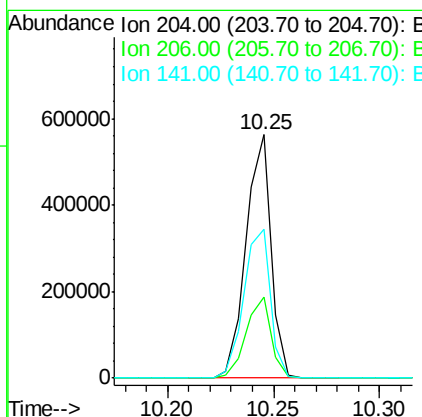
Manual Integrations
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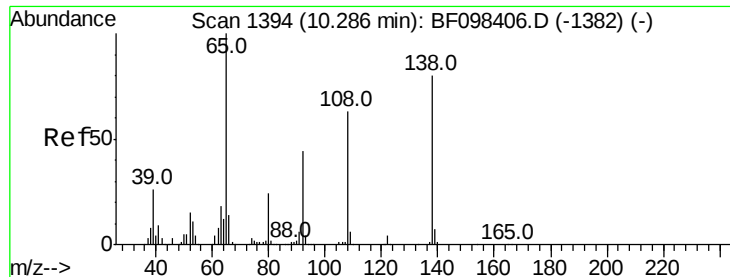
Sohil
9/12/2017 6:02:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.208 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion:204 Resp: 462752
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 61.2 60.8 91.2





#61

4-Nitroaniline

Concen: 41.126 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion:138 Resp: 317299

Ion Ratio Lower Upper

138 100

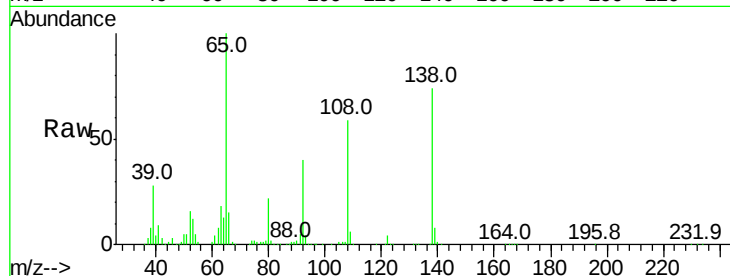
92 54.2 21.8 61.8

108 80.0 42.3 82.3

Manual Integrations
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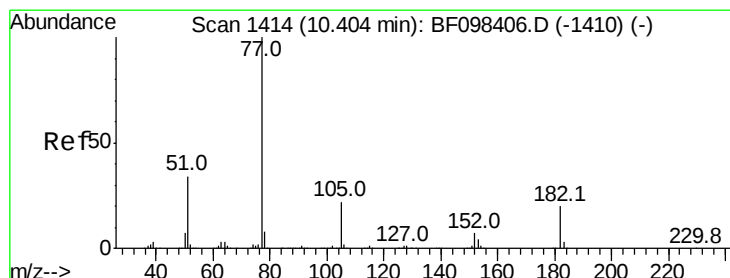
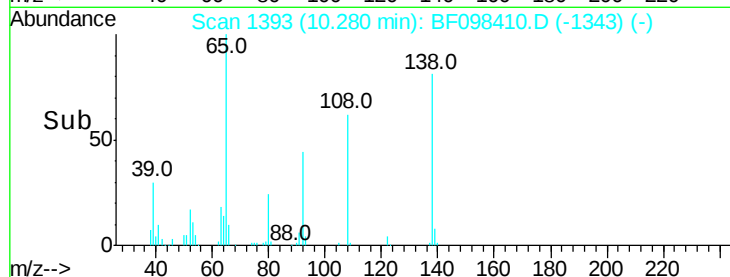
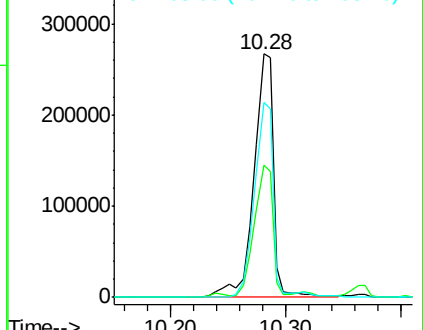
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.842 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion: 77 Resp: 1226651

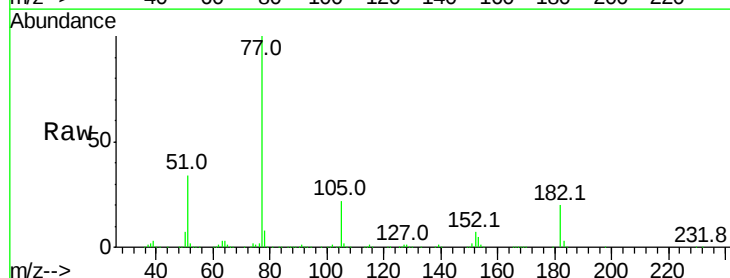
Ion Ratio Lower Upper

77 100

182 20.4 0.1 40.1

105 22.1 3.6 43.6

51 33.6 9.4 49.4

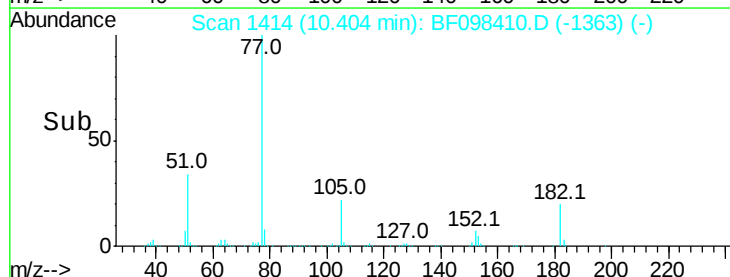
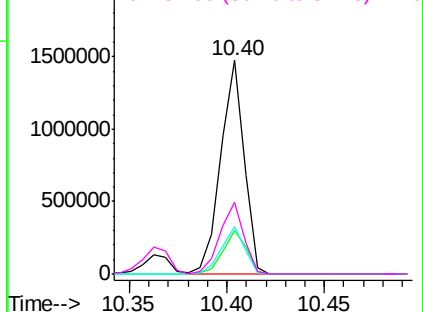


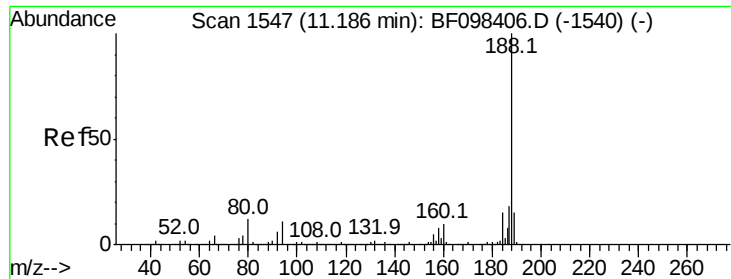
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





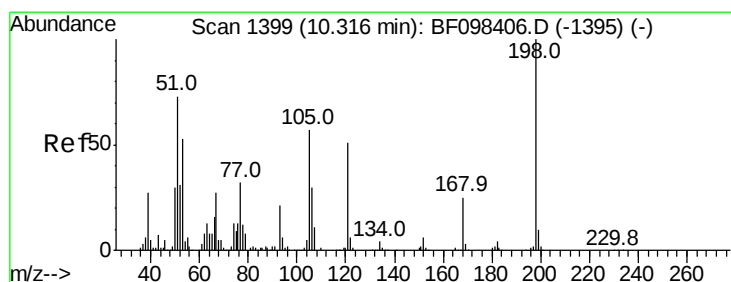
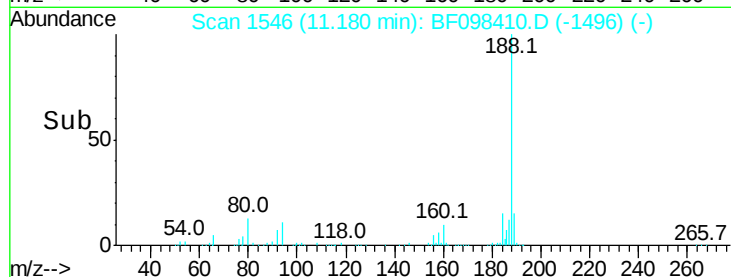
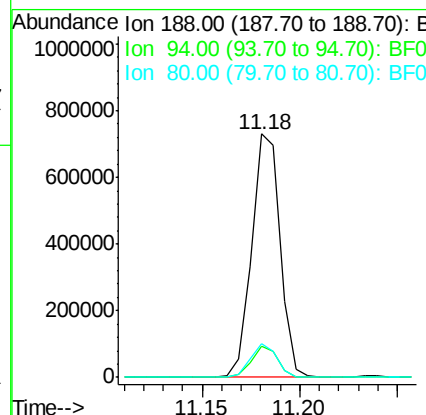
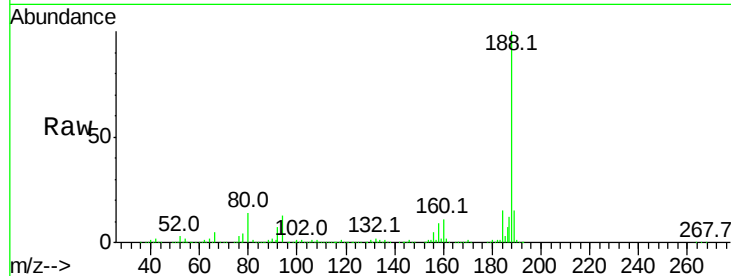
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampled :
ICVBF091117

Tot Ion	Ratio	Resp	Lower	Upper
188	100	733489		
94	12.9		9.4	14.2
80	13.8		10.2	15.2

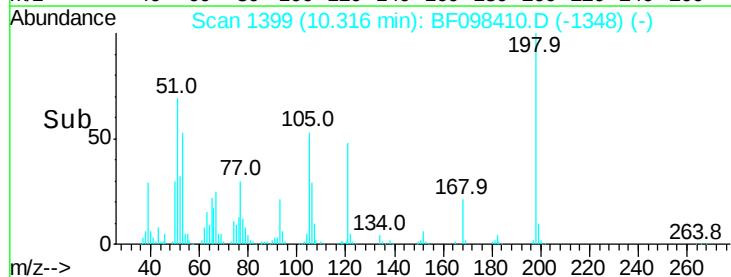
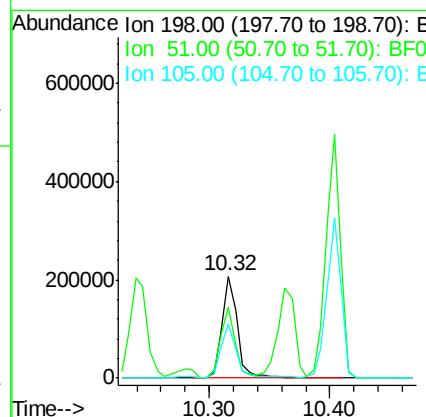
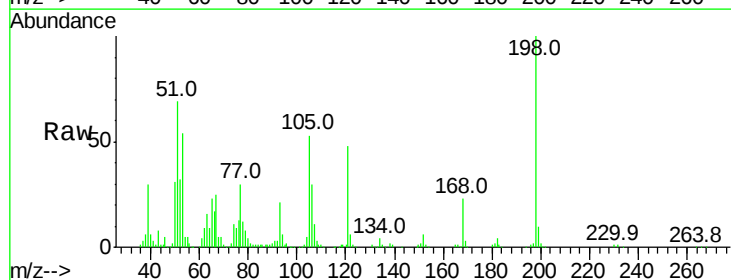
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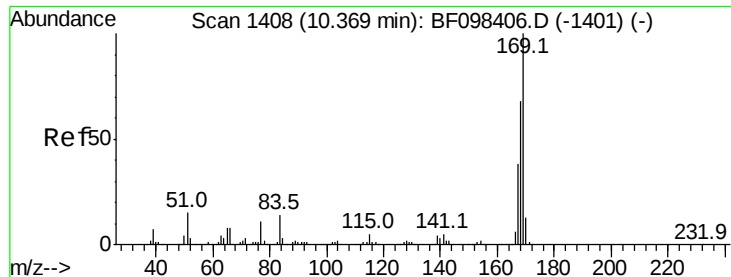
Sohil
9/12/2017 6:02:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.833 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	179982		
51	69.3		53.2	93.2
105	53.4		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 38.871 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

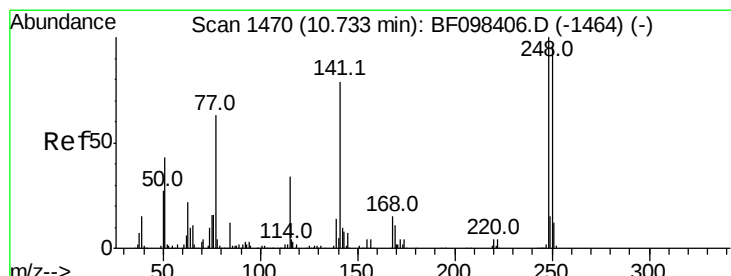
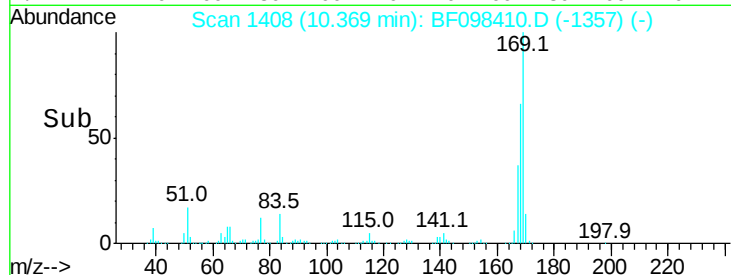
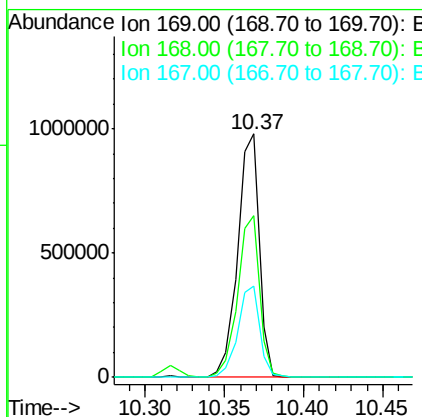
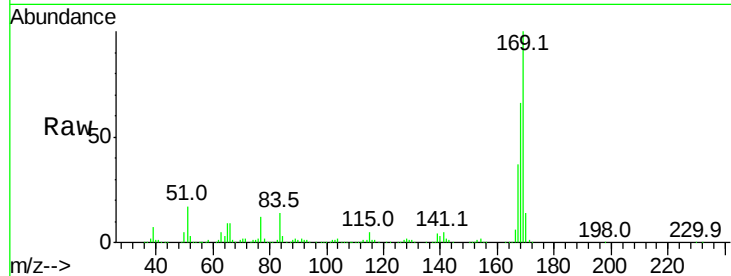
ClientSampleId :

ICVBF091117

Tot Ion:	169	Resp:	925784
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.2	79.8
167	37.4	29.5	44.3

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 39.973 ng

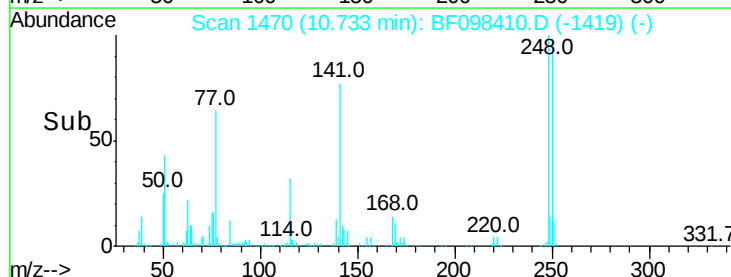
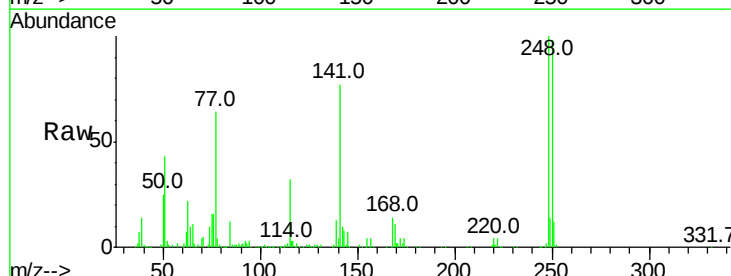
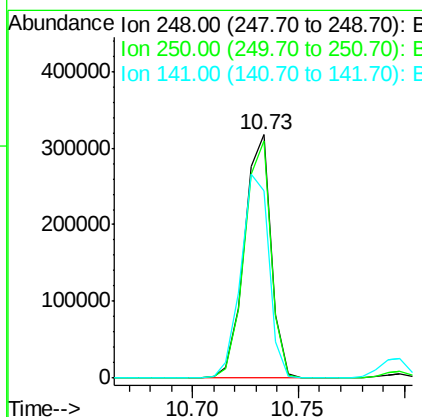
RT: 10.73 min Scan# 1470

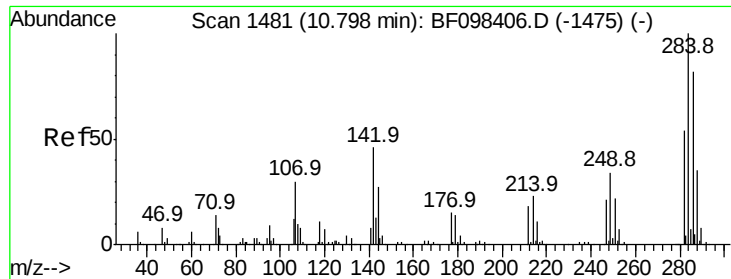
Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion:	248	Resp:	278273
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.8	115.2
141	77.1	68.6	103.0





#67

Hexachlorobenzene

Concen: 39.470 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

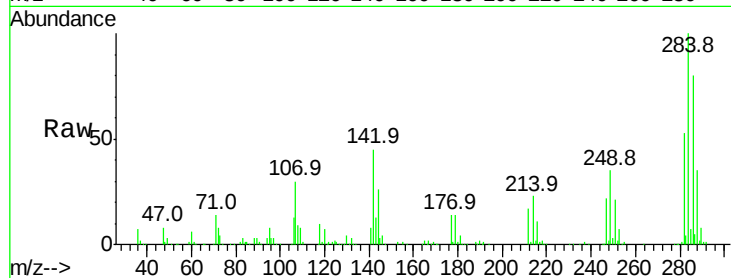
ICVBF091117

Tot Ion:	284	Resp:	278711
Ion Ratio	Lower	Upper	
284	100		
142	44.7	22.8	34.2#
249	34.8	24.0	36.0

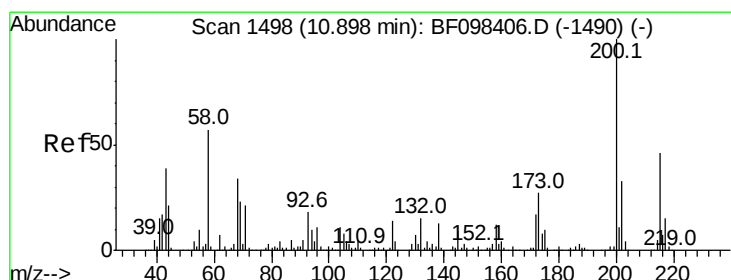
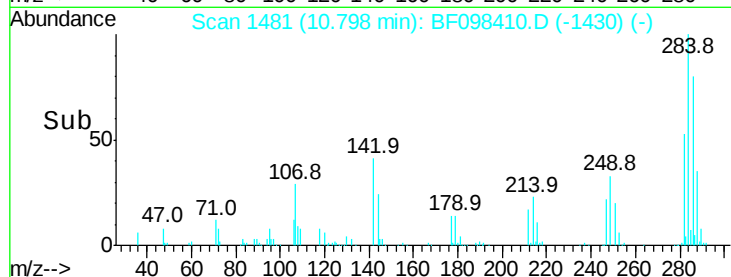
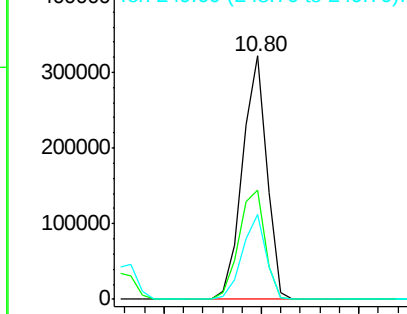
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.270 ng

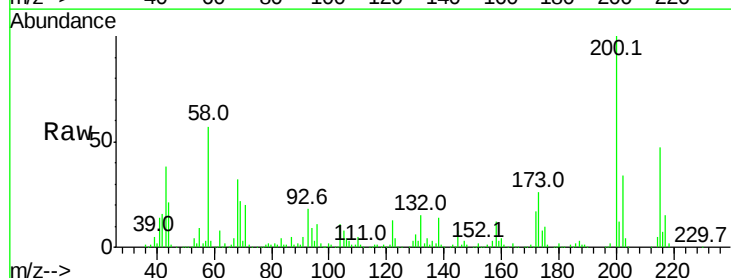
RT: 10.90 min Scan# 1498

Delta R.T. 0.00 min

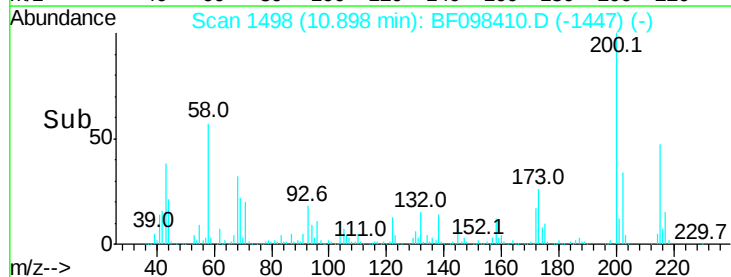
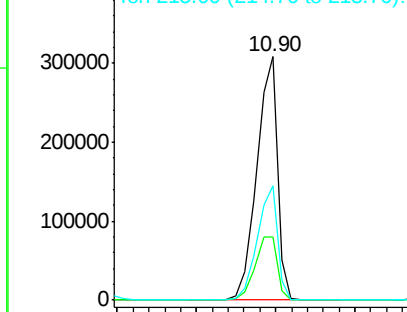
Lab File: BF098410.D

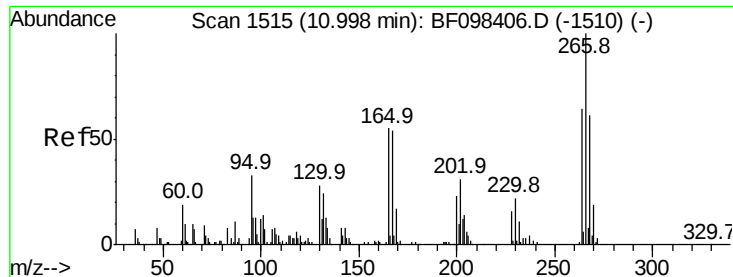
Acq: 11 Sep 2017 18:40

Tgt Ion:	200	Resp:	280606
Ion Ratio	Lower	Upper	
200	100		
173	26.2	6.3	46.3
215	46.8	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





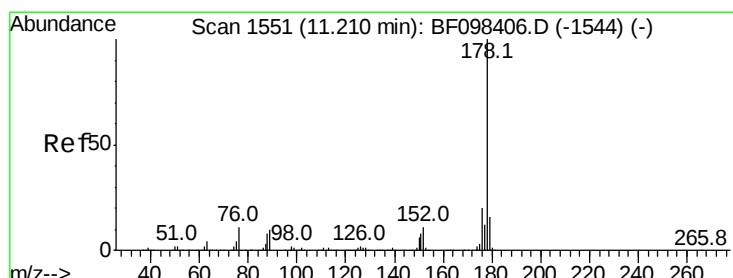
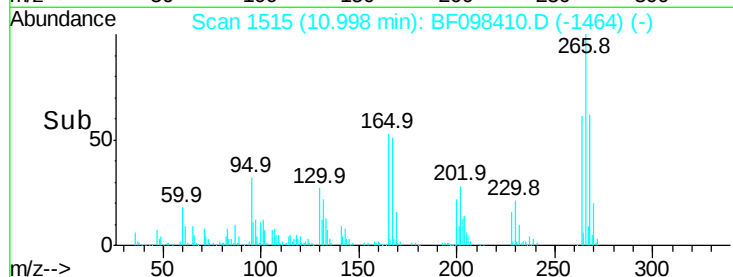
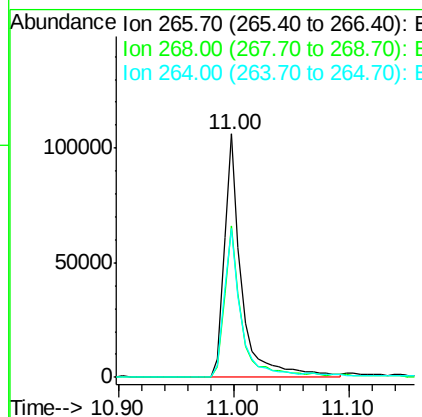
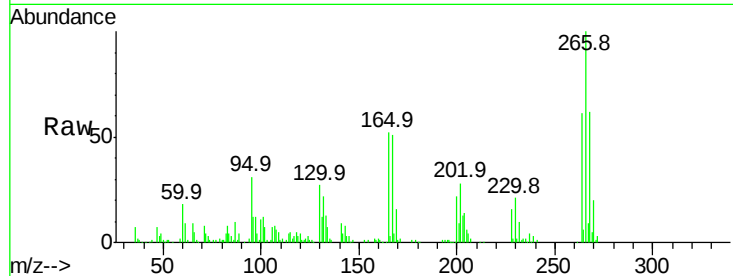
#69
 Pentachlorophenol
 Concen: 39.297 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Resp	Lower	Upper
266	100	110751		
268	62.2	51.1	76.7	
264	61.2	51.7	77.5	

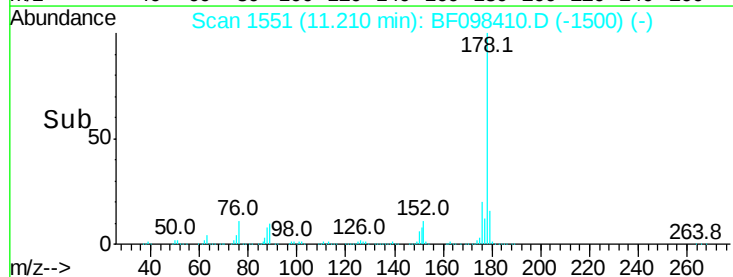
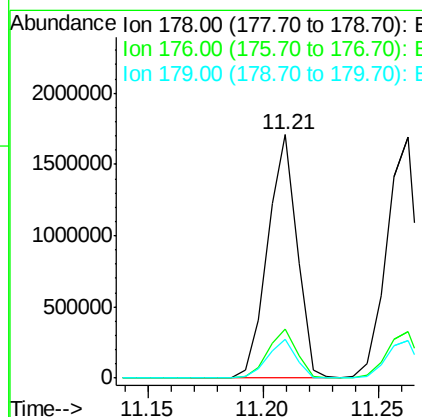
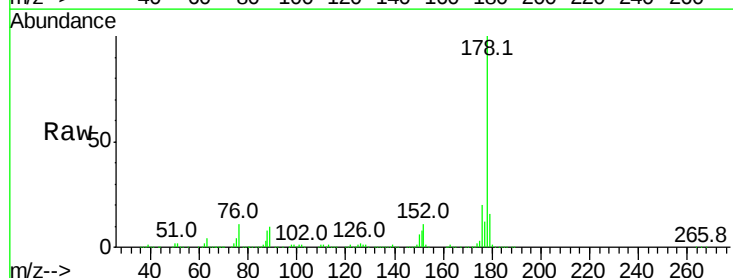
Manual Integrations
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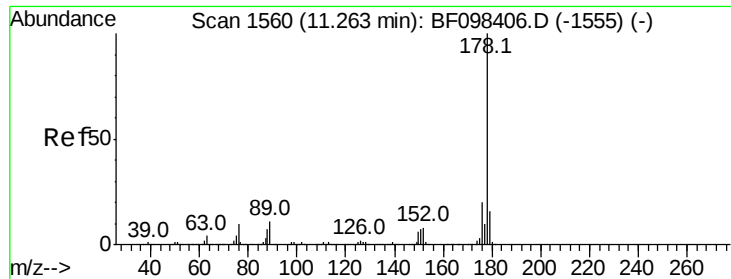
Sohil
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#70
 Phenanthrene
 Concen: 38.803 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1508826		
176	20.1	16.2	24.4	
179	16.1	12.6	19.0	





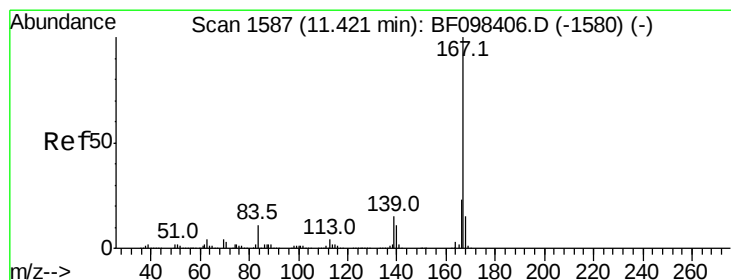
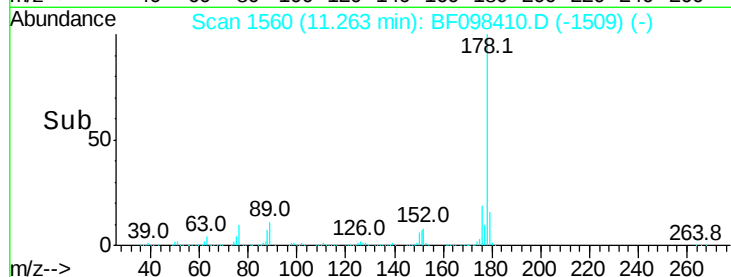
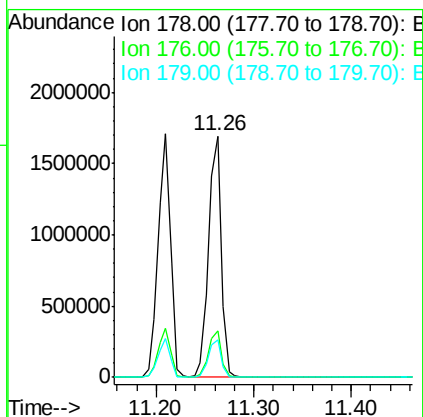
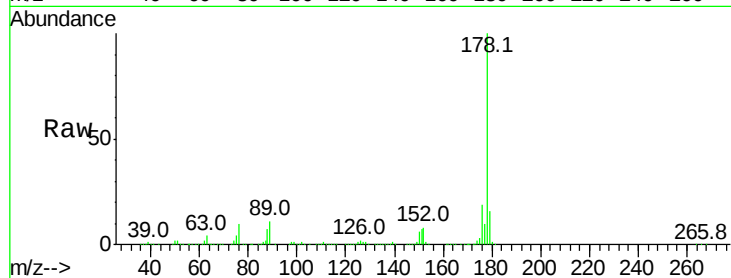
#71
 Anthracene
 Concen: 38.670 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	12.7	19.1

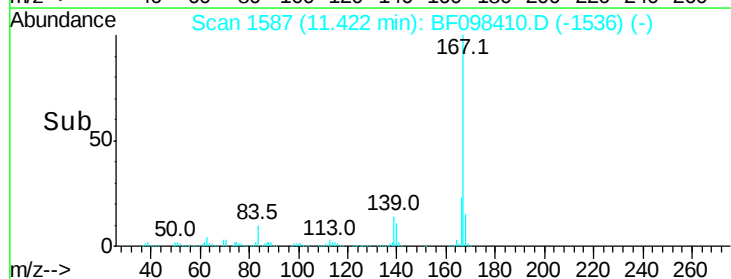
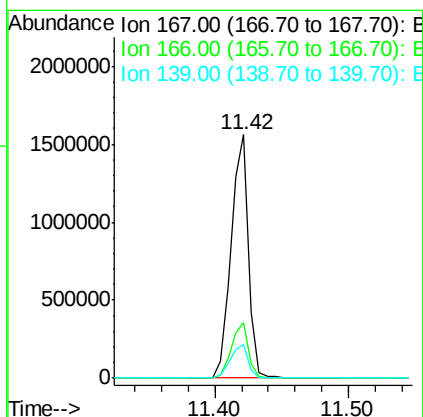
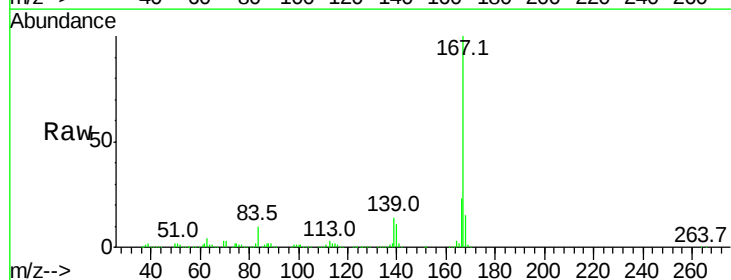
Manual Integrations
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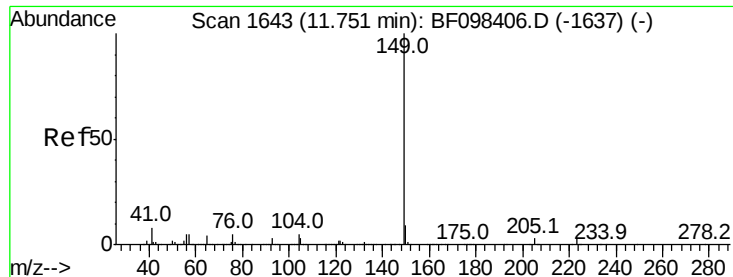
Sohil
 9/12/2017 6:02:02 PM



#72
 Carbazole
 Concen: 38.425 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.419 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion:149 Resp: 1757252

Ion Ratio Lower Upper

149 100

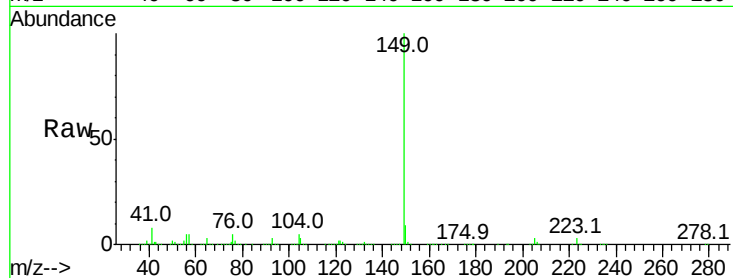
150 9.3 7.7 11.5

104 5.2 4.0 6.0

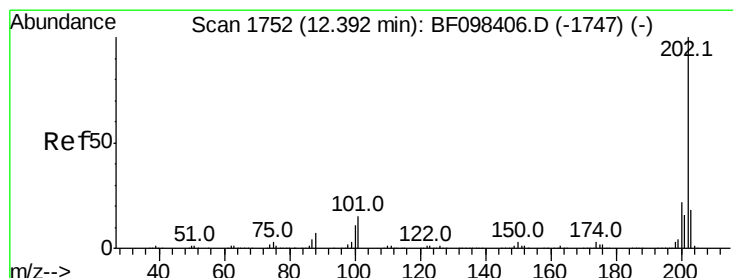
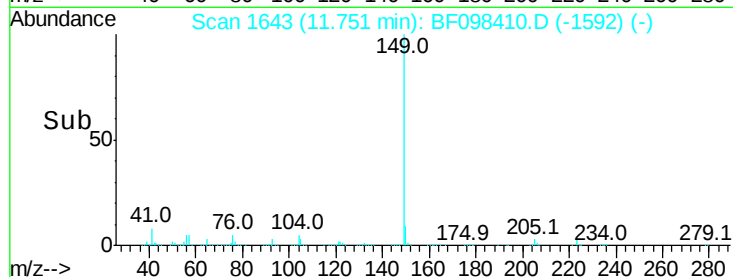
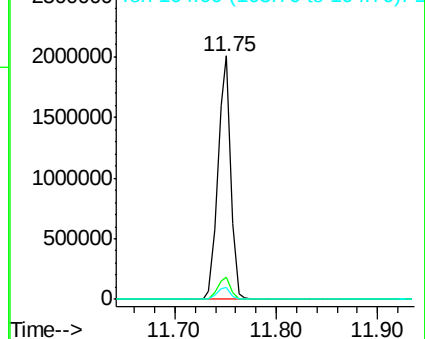
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.014 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

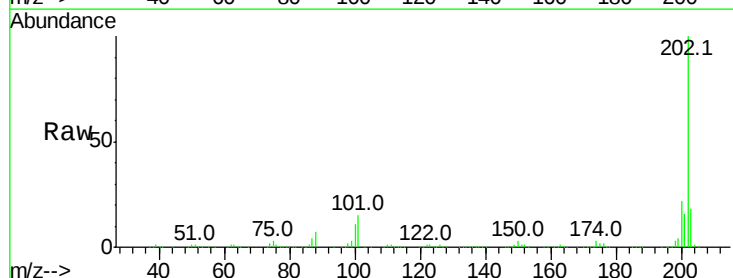
Tgt Ion:202 Resp: 1518667

Ion Ratio Lower Upper

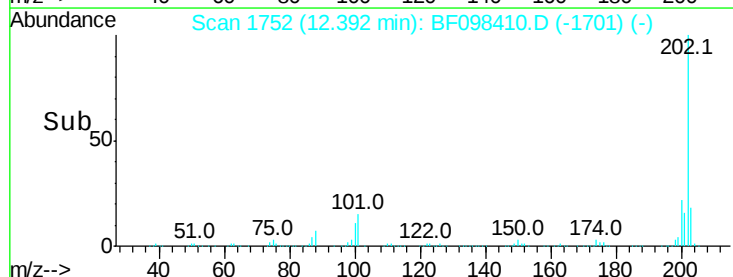
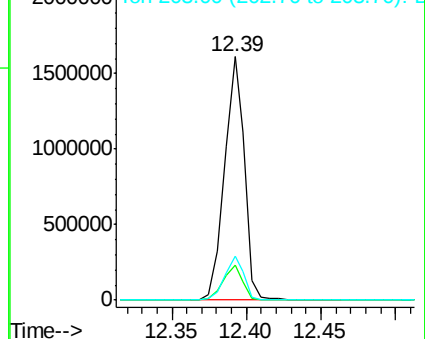
202 100

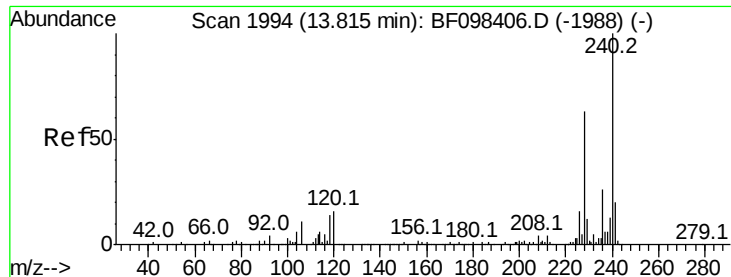
101 14.6 0.0 33.2

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

ClientSampleId :

ICVBF091117

Tot Ion:240 Resp: 501072

Ion Ratio Lower Upper

240 100

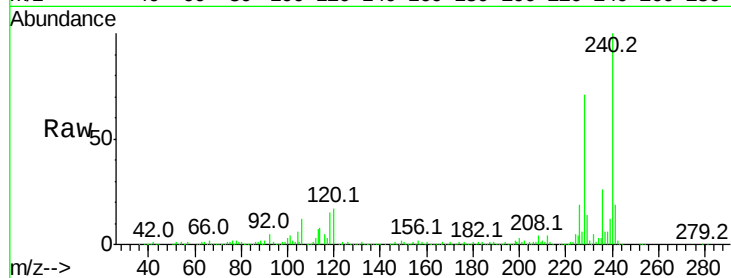
120 16.8 5.8 8.8#

236 26.5 20.5 30.7

Manual Integrations
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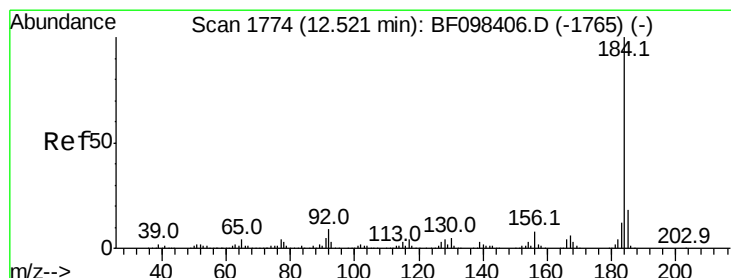
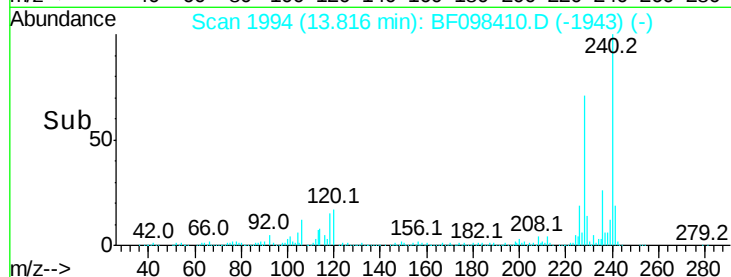
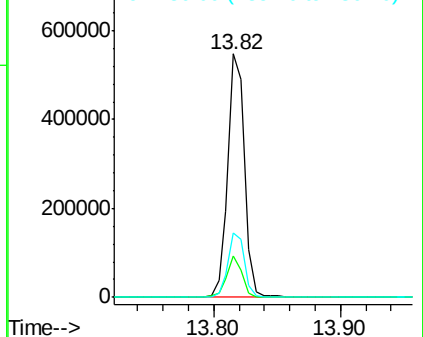
9/12/2017 6:02:02 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.712 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

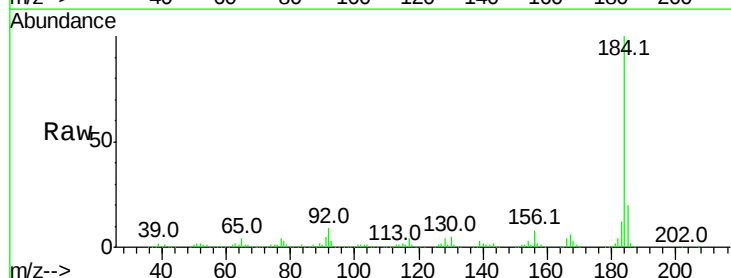
Tgt Ion:184 Resp: 858480

Ion Ratio Lower Upper

184 100

185 19.6 15.5 23.3

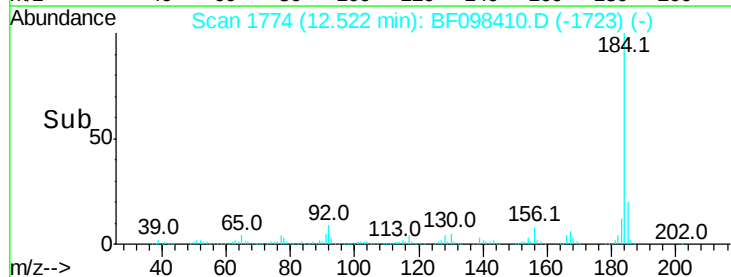
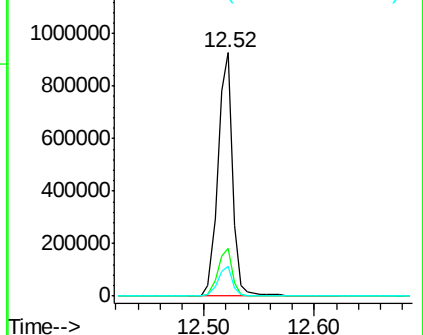
183 12.4 9.8 14.6

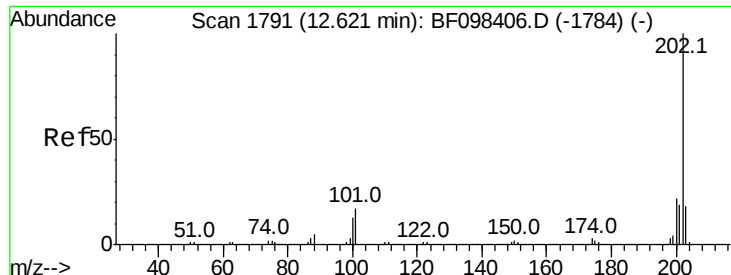


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





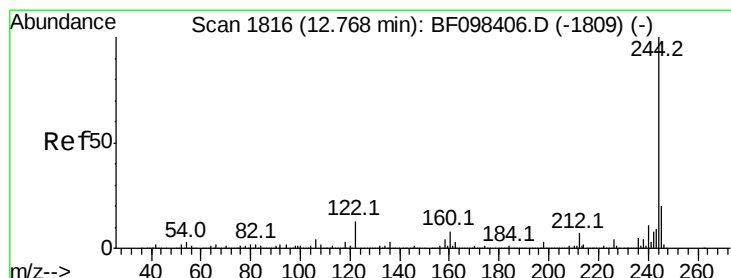
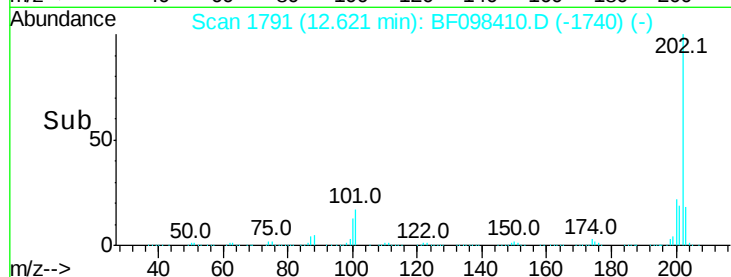
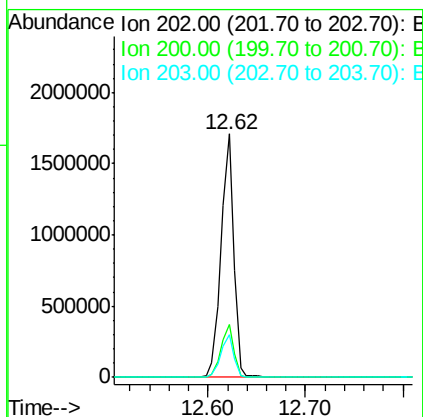
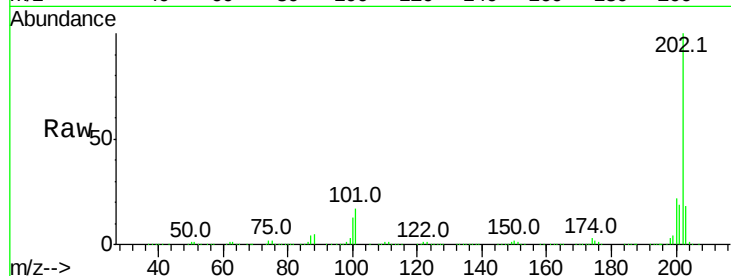
#77
Pvrene
Concen: 39.286 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.6	14.4	21.6

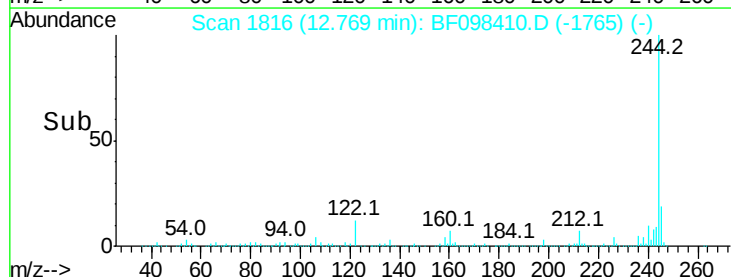
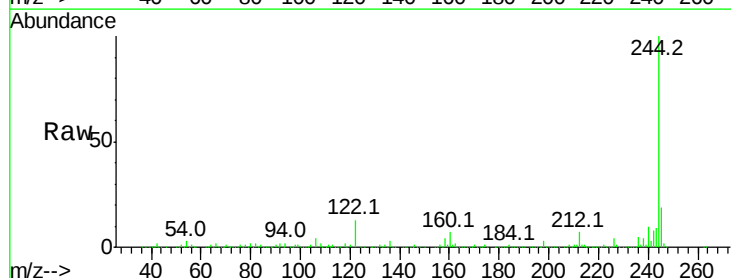
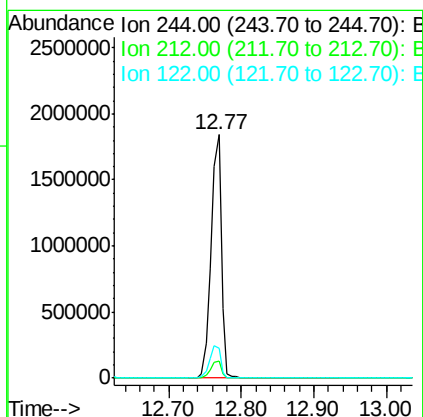
Manual Integrations
APPROVED

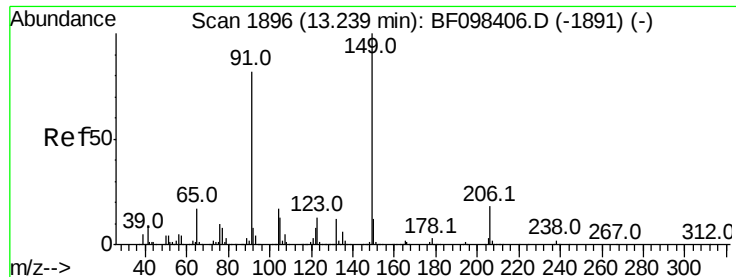
Sohil
9/12/2017 6:02:02 PM



#78
Terphenyl-d14
Concen: 79.354 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.5	10.3	15.5





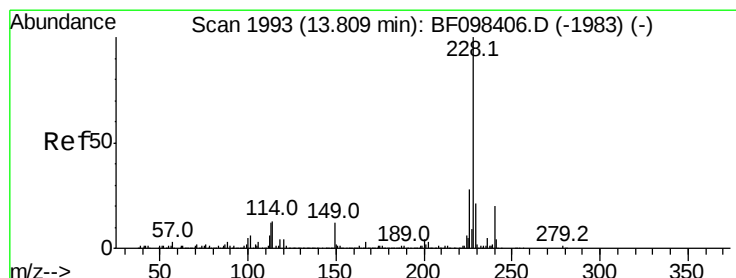
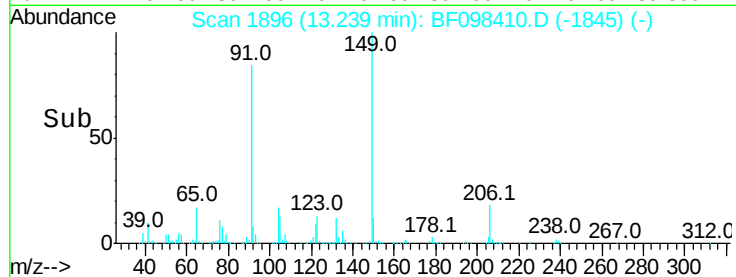
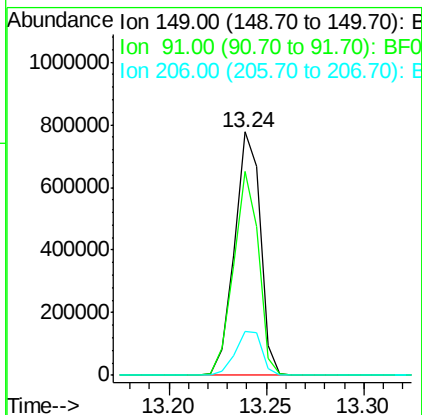
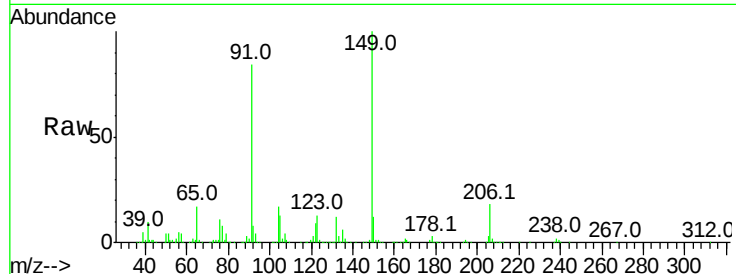
#79
Butylbenzylphthalate
Concen: 41.644 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Resp	Lower	Upper
149	100	714121		
91	83.7	45.0	67.4#	
206	17.9	17.0	25.6	

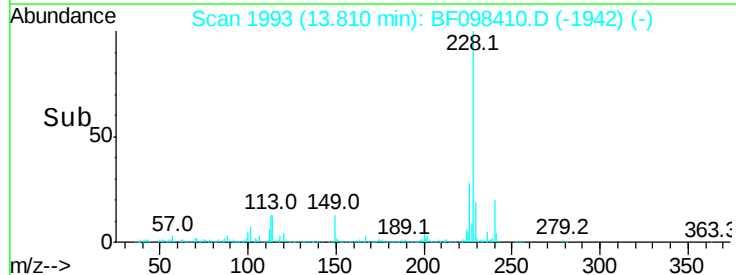
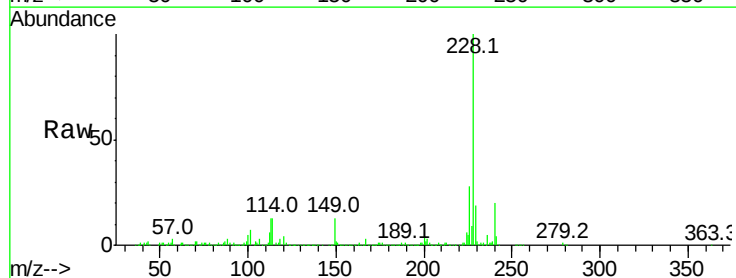
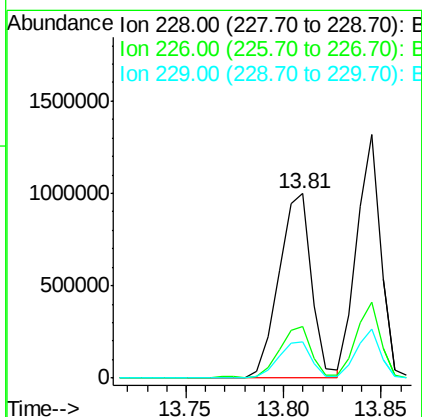
Manual Integrations
APPROVED

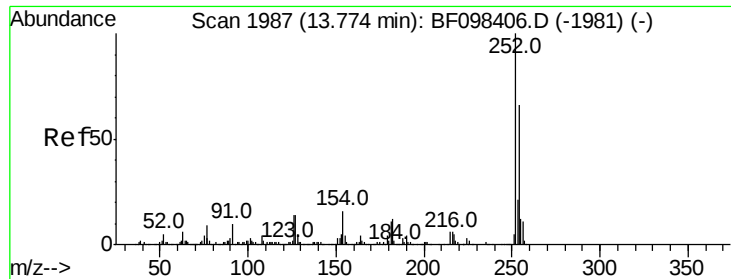
Sohil
9/12/2017 6:02:02 PM



#80
Benzo(a)anthracene
Concen: 39.462 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1159284		
226	28.0	22.6	33.8	
229	19.5	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 39.892 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Instrument :

BNA_F

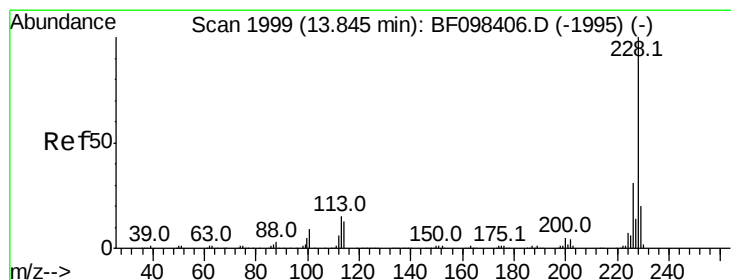
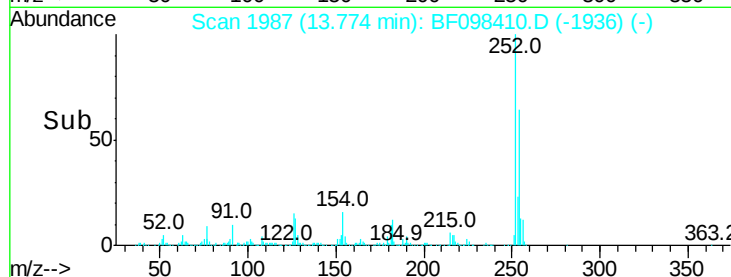
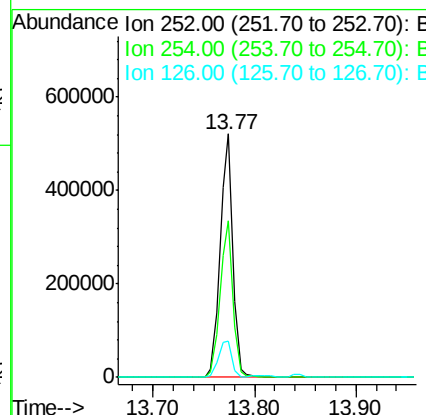
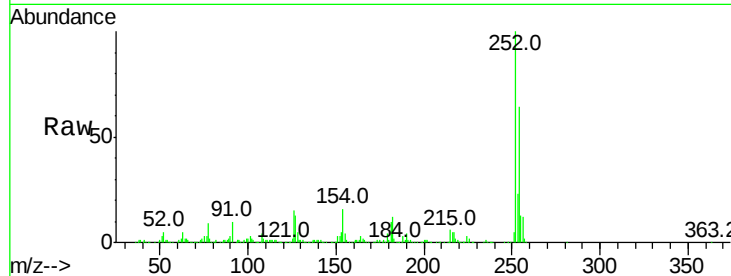
ClientSampleId :

ICVBF091117

Tot Ion	Ratio	Resp	Lower	Upper
252	100	455428		
254	64.5	51.5	77.3	
126	14.8	15.8	23.8	

Manual Integrations
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9/12/2017 6:02:02 PM



#82

Chrysene

Concen: 38.438 ng

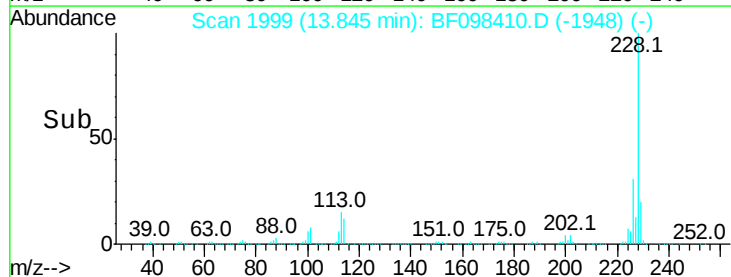
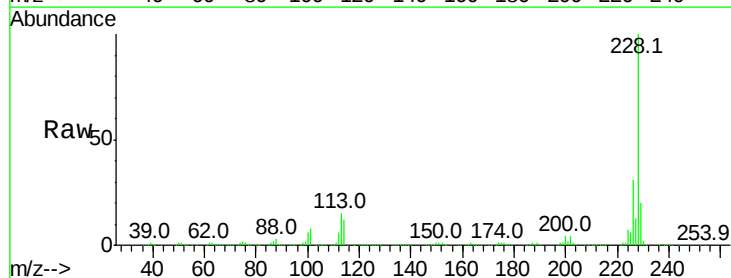
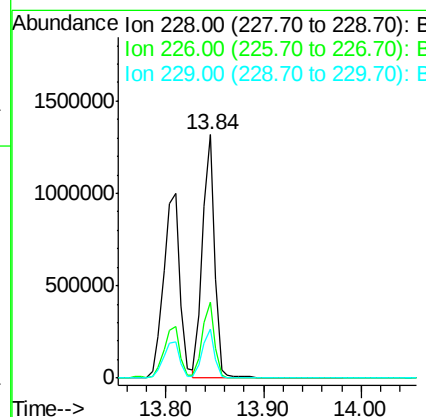
RT: 13.84 min Scan# 1999

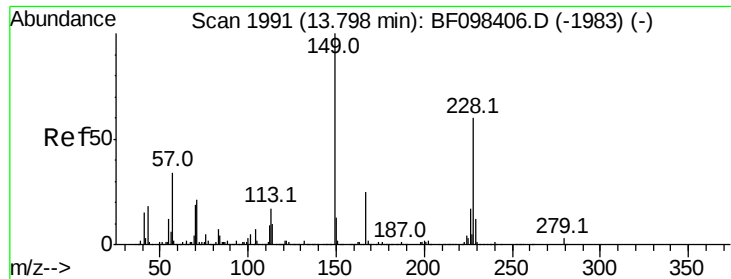
Delta R.T. 0.00 min

Lab File: BF098410.D

Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1141426		
226	31.2	24.9	37.3	
229	20.0	15.8	23.6	





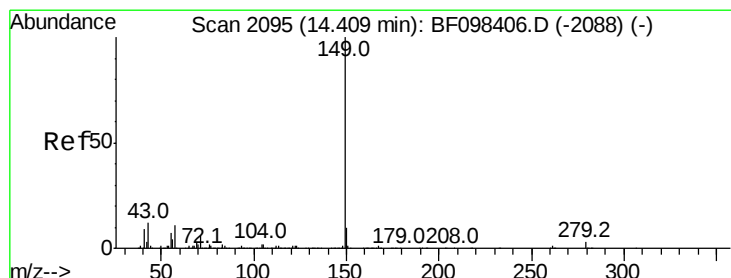
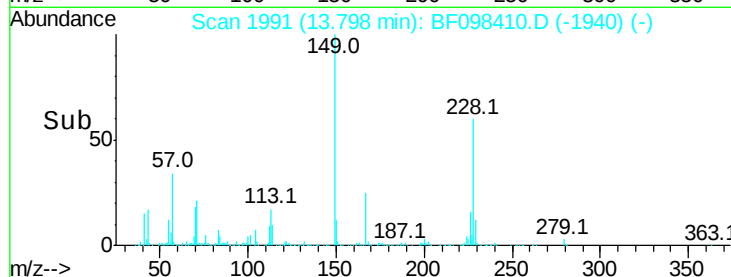
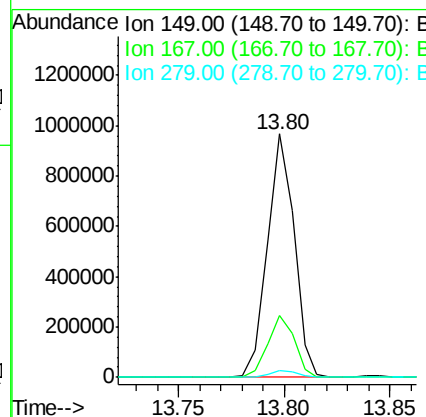
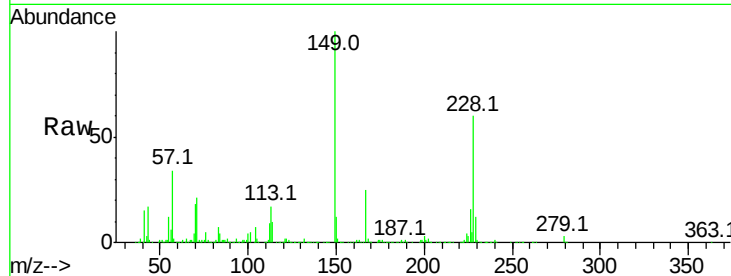
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.065 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.0	31.4
279	2.6	1.9	2.9

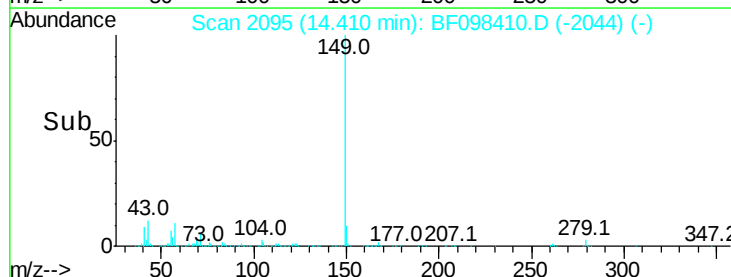
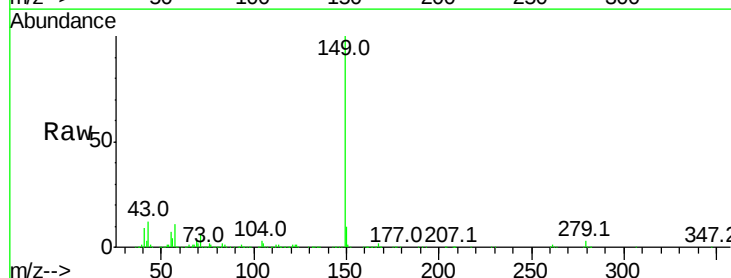
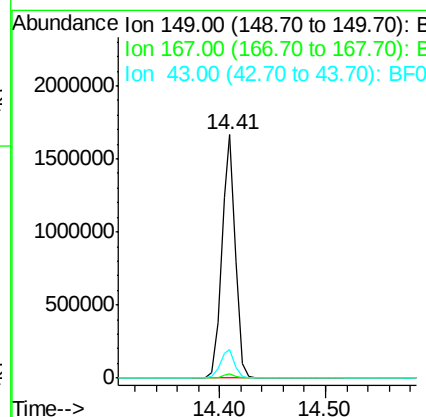
Manual Integrations
 APPROVED

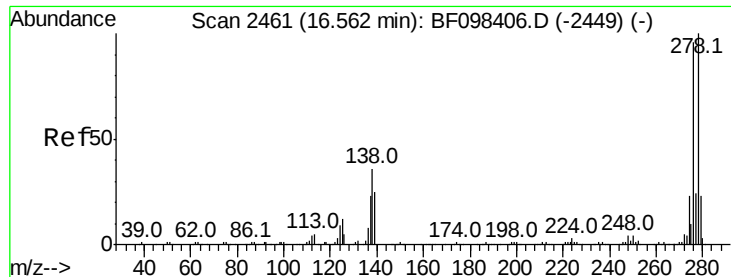
Sohil
 9/12/2017 6:02:02 PM



#84
 Di-n-octyl phthalate
 Concen: 40.682 ng
 RT: 14.41 min Scan# 2095
 Delta R.T. 0.00 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.4	8.5	12.7





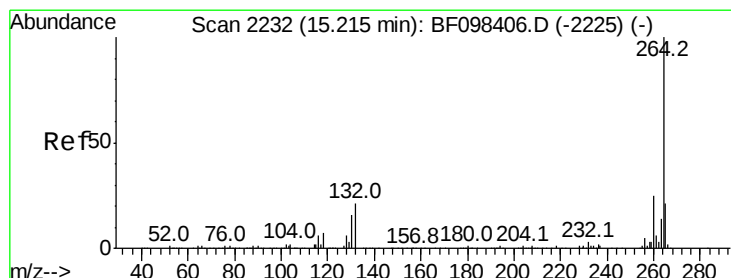
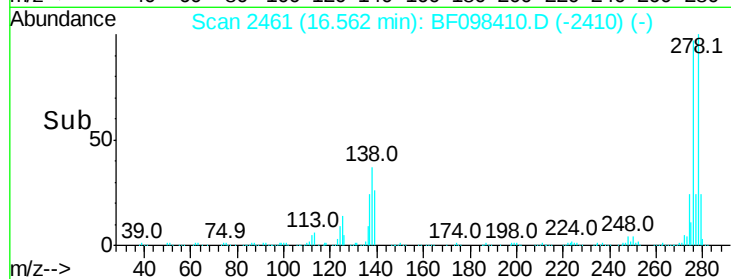
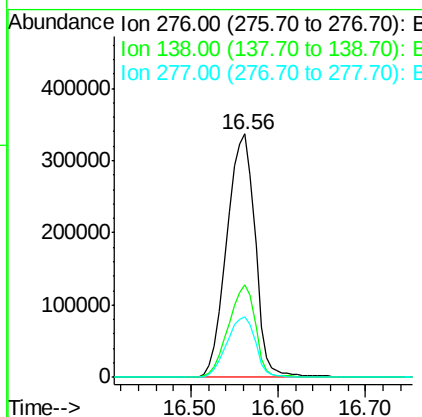
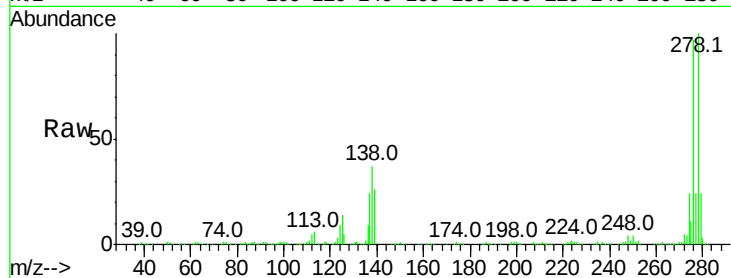
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.818 ng
RT: 16.56 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.3	27.8	41.6
277	25.1	20.2	30.4

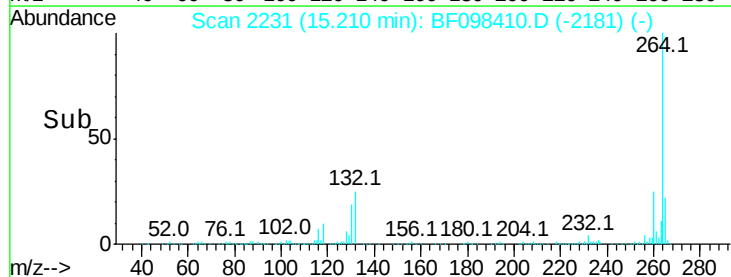
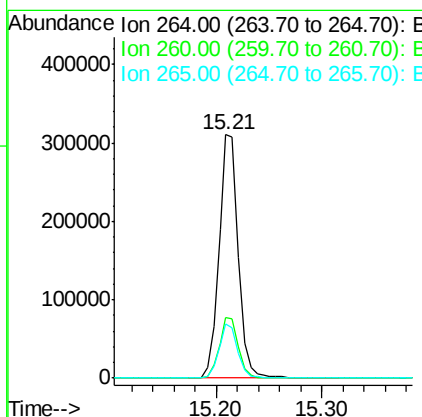
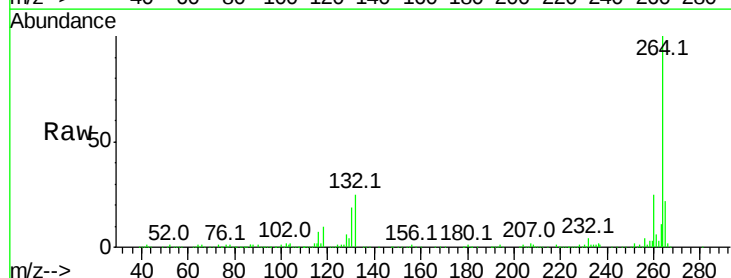
Manual Integrations
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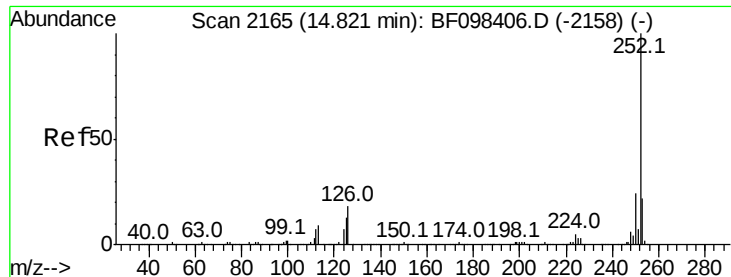
Sohil
9/12/2017 6:02:02 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.2	17.2	25.8





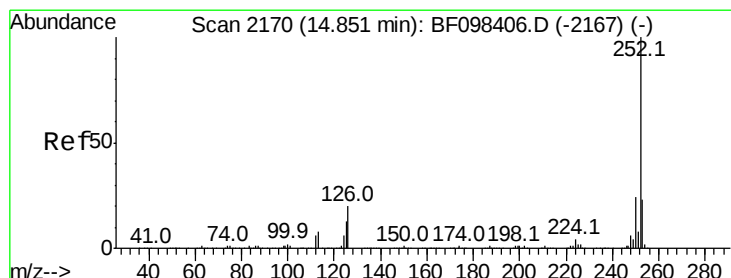
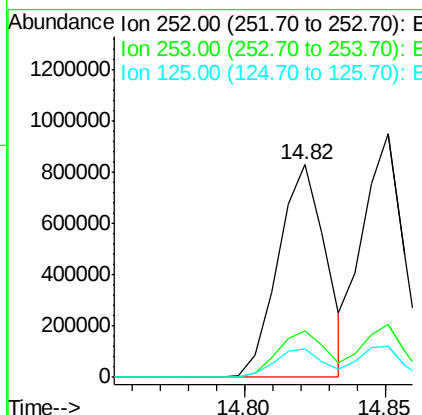
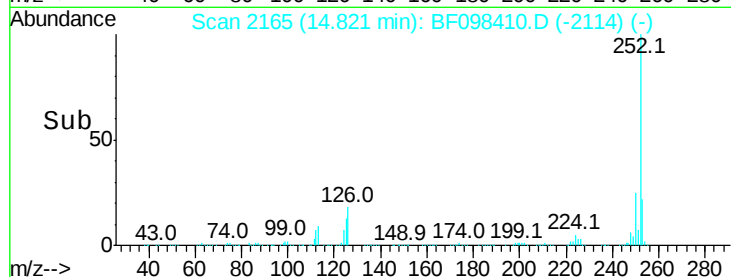
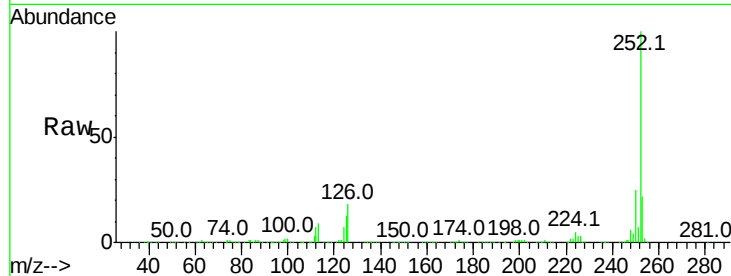
#87
Benzo(b)fluoranthene
Concen: 39.047 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.3	9.8	14.8

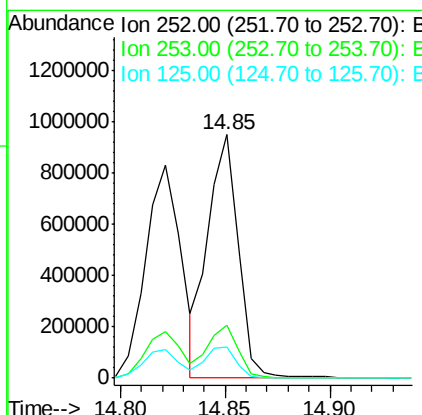
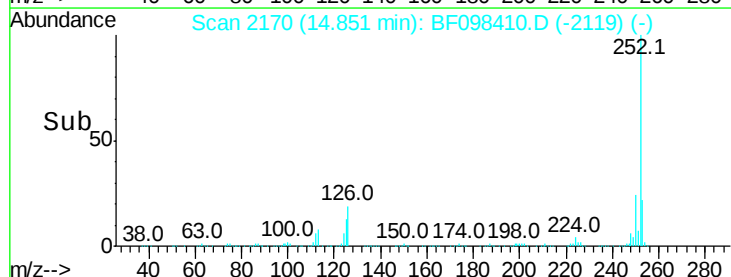
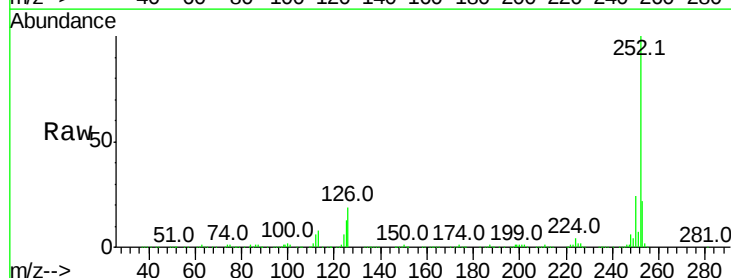
Manual Integrations
APPROVED

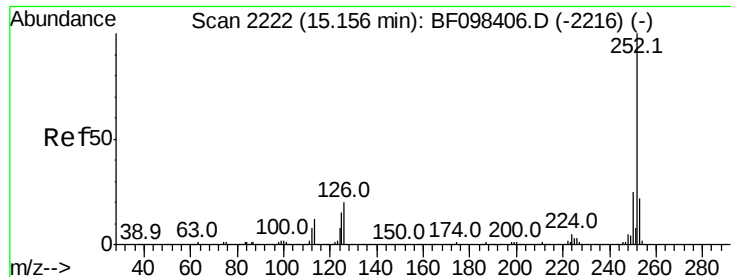
Sohil
9/12/2017 6:02:02 PM



#88
Benzo(k)fluoranthene
Concen: 41.445 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.7	13.1	19.7#





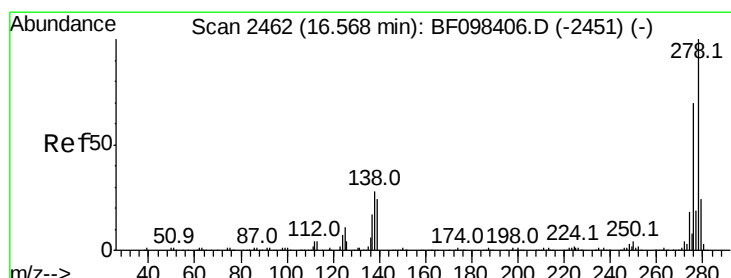
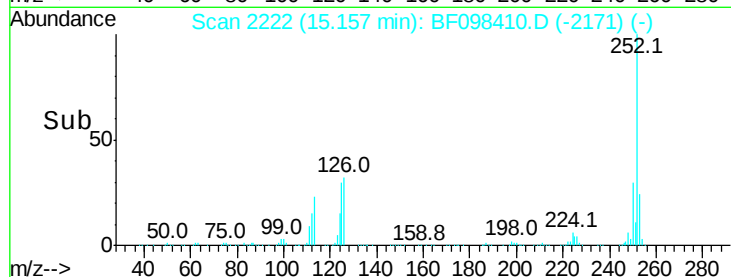
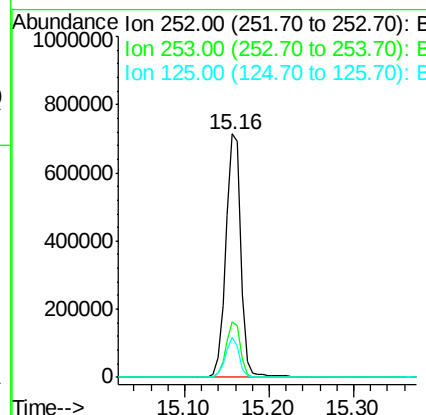
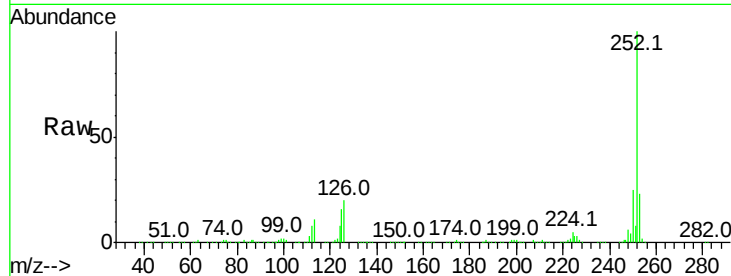
#89
Benzo(a)pyrene
Concen: 39.920 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Instrument :
BNA_F
ClientSampleId :
ICVBF091117

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	16.3	11.0	16.4

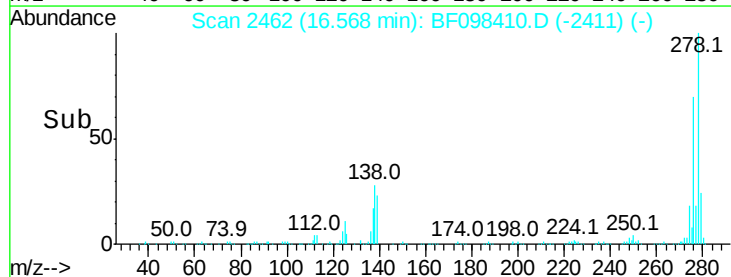
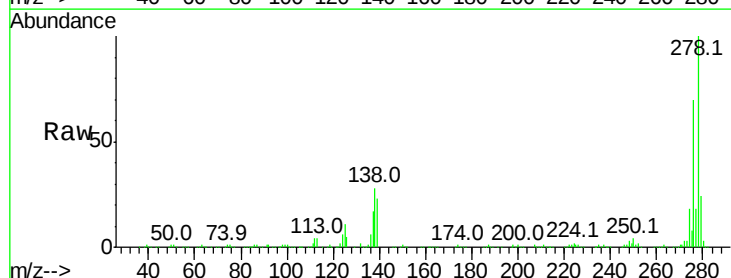
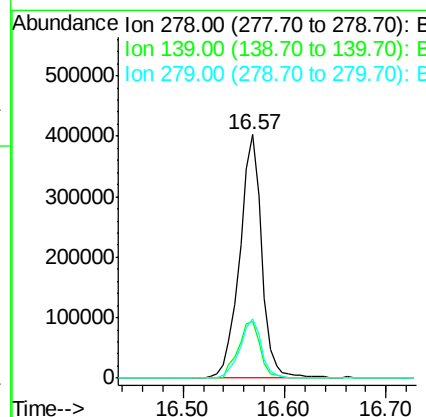
Manual Integrations
APPROVED

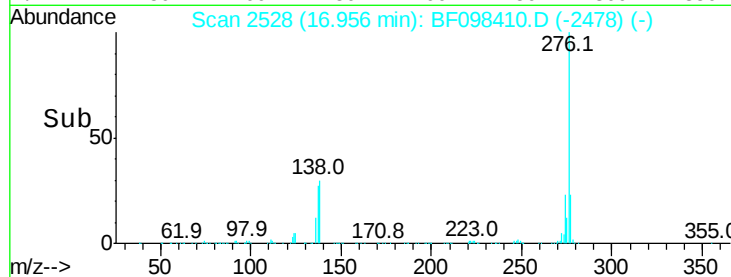
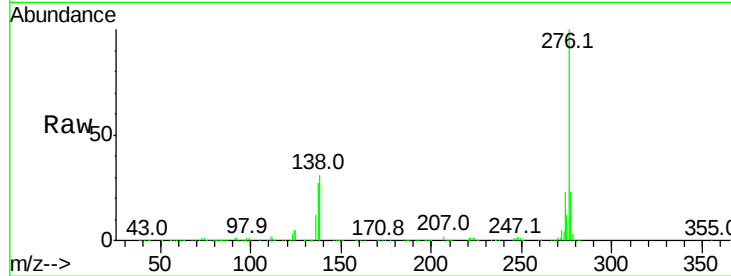
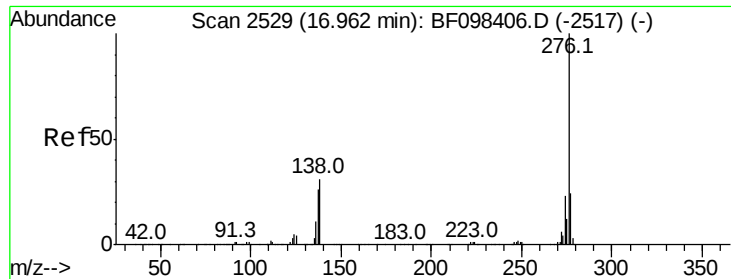
Sohil
9/12/2017 6:02:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.859 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF098410.D
Acq: 11 Sep 2017 18:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.584 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF098410.D
 Acq: 11 Sep 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091117

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	30.6	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:02 PM

