

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098615.D
 Acq On : 18 Sep 2017 21:24
 Operator : SJ/JU
 Sample : I5265-07MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:31:57 PM

Quant Time: Sep 19 06:55:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	106843	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	418537	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	177483	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	275169	20.00	ng	0.00
75) Chrysene-d12	13.79	240	190561	20.00	ng	0.00
86) Perylene-d12	15.19	264	172210	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	865748	119.80	ng	0.02
7) Phenol-d6	6.30	99	1057464	115.25	ng	0.01
23) Nitrobenzene-d5	7.21	82	628425	83.71	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	164308	138.71	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	991070	94.64	ng	0.00
78) Terphenyl-d14	12.73	244	714535	80.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	107415	28.799	ng	88
3) Pyridine	2.98	79	236663	23.893	ng	# 77
4) n-Nitrosodimethylamine	2.93	42	176459	36.338	ng	83
6) Aniline	6.30	93	270076	23.464	ng	# 37
8) 2-Chlorophenol	6.43	128	338284	42.572	ng	95
9) Benzaldehyde	6.19	77	143295	23.891	ng	96
10) Phenol	6.32	94	439523	41.243	ng	93
11) bis(2-Chloroethyl)ether	6.38	93	323338	40.241	ng	95
12) 1,3-Dichlorobenzene	6.57	146	323999	40.510	ng	97
13) 1,4-Dichlorobenzene	6.65	146	329051	40.165	ng	# 93
14) 1,2-Dichlorobenzene	6.80	146	313095	41.949	ng	99
15) Benzyl Alcohol	6.80	79	297183	48.669	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	488978	36.987	ng	# 31
17) 2-Methylphenol	6.92	107	274362	42.342	ng	# 84
18) Hexachloroethane	7.14	117	114339	36.443	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	252468	43.746	ng	97
20) 3+4-Methylphenols	7.07	107	366723	44.848	ng	# 65
22) Acetophenone	7.06	105	489953	45.293	ng	# 91
24) Nitrobenzene	7.23	77	357064	41.755	ng	97
25) Isophorone	7.47	82	637624	41.978	ng	# 98
26) 2-Nitrophenol	7.55	139	171815	49.762	ng	# 78
27) 2,4-Dimethylphenol	7.60	122	286961	43.598	ng	92
28) bis(2-Chloroethoxy)methane	7.68	93	402097	43.383	ng	99
29) 2,4-Dichlorophenol	7.80	162	274545	50.154	ng	98
30) 1,2,4-Trichlorobenzene	7.87	180	287339	48.254	ng	99
31) Naphthalene	7.95	128	921264	44.526	ng	100
32) Benzoic acid	7.76	122	133688	33.221	ng	91
33) 4-Chloroaniline	8.00	127	184626	21.956	ng	98
34) Hexachlorobutadiene	8.06	225	159749	52.258	ng	99
36) 4-Chloro-3-methylphenol	8.51	107	287943	42.415	ng	# 84
37) 2-Methylnaphthalene	8.64	142	601234	47.972	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	262727	47.522	ng	98
40) Hexachlorocyclopentadiene	8.79	237	28297	25.161	ng	95
42) 2,4,6-Trichlorophenol	8.93	196	170977	52.652	ng	97

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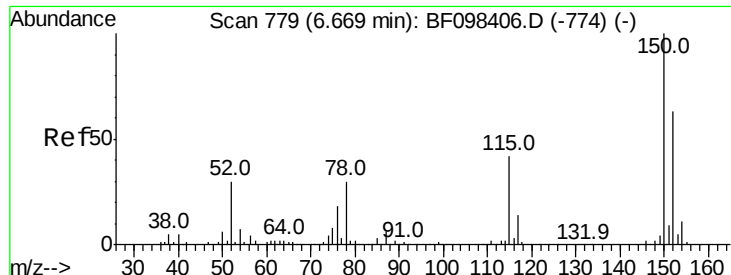
Manual Integrations
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 9/19/2017 5:31:57 PM

Quant Time: Sep 19 06:55:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.97	196	166919	49.178	nq	# 87
45) 1,1'-Biphenyl	9.10	154	717088	45.140	nq	98
46) 2-Chloronaphthalene	9.13	162	533690	47.041	nq	# 93
47) 2-Nitroaniline	9.23	65	192680	44.249	nq	97
48) Acenaphthylene	9.54	152	727868	43.149	nq	99
49) Dimethylphthalate	9.41	163	798394	58.113	nq	100
50) 2,6-Dinitrotoluene	9.47	165	136228	48.272	nq	# 66
51) Acenaphthene	9.71	154	481966	44.948	nq	98
52) 3-Nitroaniline	9.65	138	99100	29.090	nq	97
53) 2,4-Dinitrophenol	9.76	184	55237	45.520	nq	# 82
54) Dibenzofuran	9.88	168	682573	48.319	nq	95
55) 4-Nitrophenol	9.83	139	139489	71.270	nq	# 37
56) 2,4-Dinitrotoluene	9.88	165	166590	48.556	nq	# 41
57) Fluorene	10.23	166	523771	44.796	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	124479	54.571	nq	# 91
59) Diethylphthalate	10.10	149	613781	46.976	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	268925	49.796	nq	92
61) 4-Nitroaniline	10.26	138	104328	30.325	nq	77
62) Azobenzene	10.37	77	566466	40.226	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	48443	30.698	nq	# 85
65) n-Nitrosodiphenylamine	10.34	169	472295	52.860	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	147706	56.558	nq	96
67) Hexachlorobenzene	10.77	284	137259	51.815	nq	# 85
68) Atrazine	10.87	200	138562	50.374	nq	98
69) Pentachlorophenol	10.97	266	111828	94.032	nq	96
70) Phenanthrene	11.19	178	692461	47.469	nq	100
71) Anthracene	11.23	178	697805	46.592	nq	98
72) Carbazole	11.39	167	574522	41.161	nq	99
73) Di-n-butylphthalate	11.72	149	869312	51.981	nq	99
74) Fluoranthene	12.37	202	633835	43.404	nq	95
76) Benzidine	12.49	184	100627m	11.932	nq	
77) Pyrene	12.59	202	634555	42.212	nq	99
79) Butylbenzylphthalate	13.21	149	313251	48.033	nq	# 80
80) Benzo(a)anthracene	13.78	228	528768	47.329	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	162159	37.348	nq	# 94
82) Chrysene	13.82	228	512606	45.390	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	464779	56.786	nq	98
84) Di-n-octyl phthalate	14.38	149	764809	54.463	nq	99
85) Indeno(1,2,3-cd)pyrene	16.53	276	399088	50.369	nq	# 92
87) Benzo(b)fluoranthene	14.80	252	522379	48.243	nq	97
88) Benzo(k)fluoranthene	14.82	252	458973	45.404	nq	# 92
89) Benzo(a)pyrene	15.13	252	452843	46.943	nq	97
90) Dibenzo(a,h)anthracene	16.53	278	348692	49.690	nq	96
91) Benzo(g,h,i)perylene	16.93	276	315456	44.694	nq	# 87

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



#1

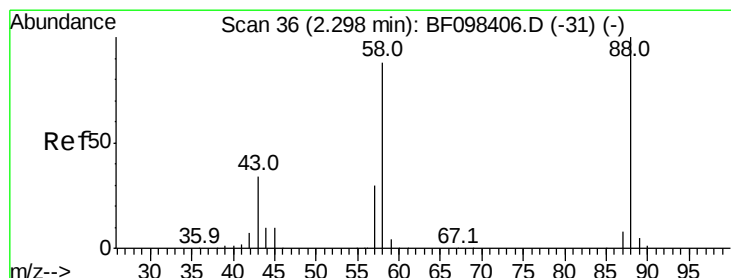
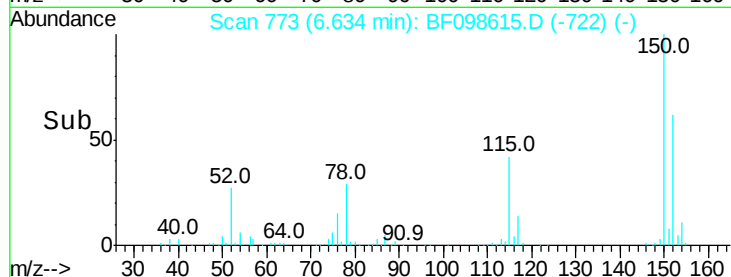
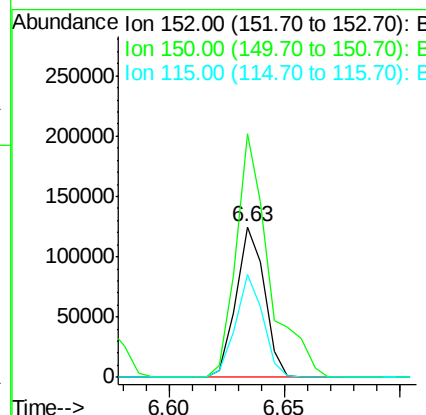
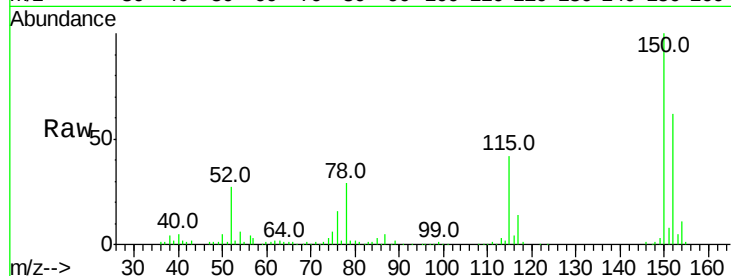
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	126.2	189.2
115	68.7	52.2	78.2

Manual Integrations
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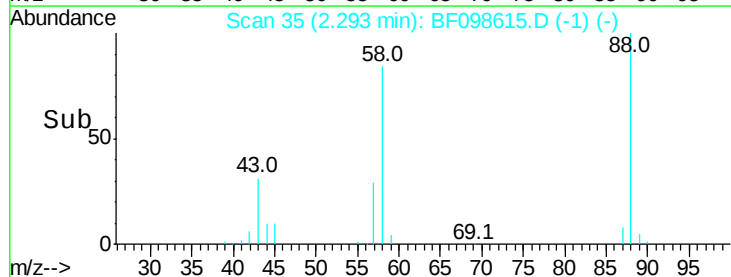
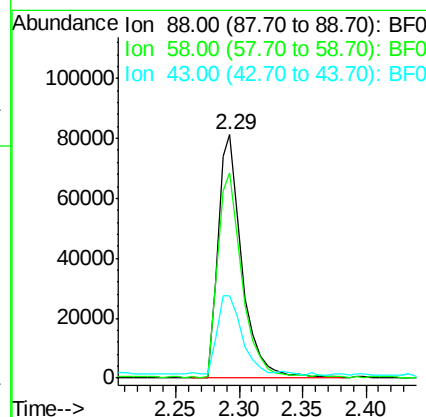
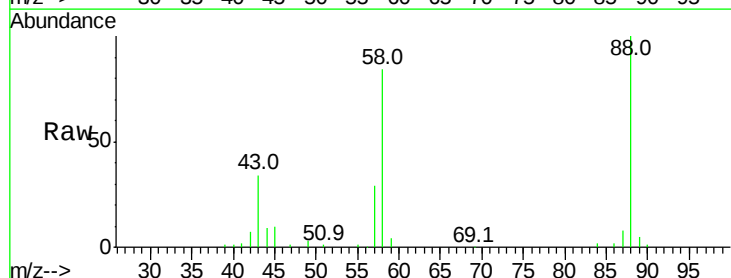
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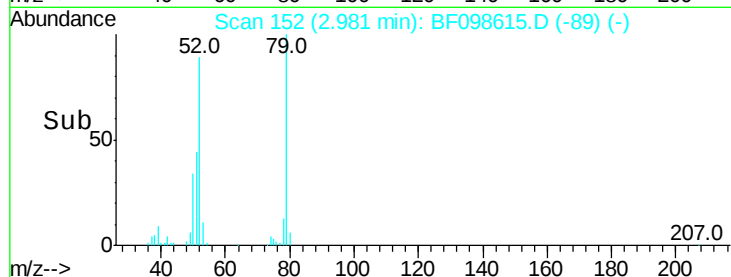
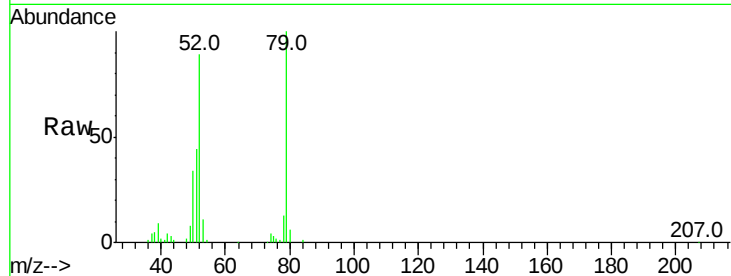
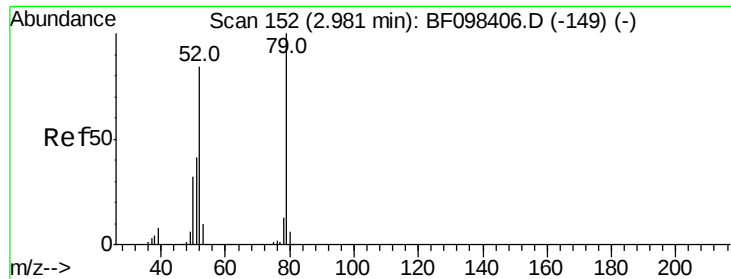


#2

1,4-Dioxane
Concen: 28.799 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.05 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	61.4	92.0
43	34.1	23.4	35.0





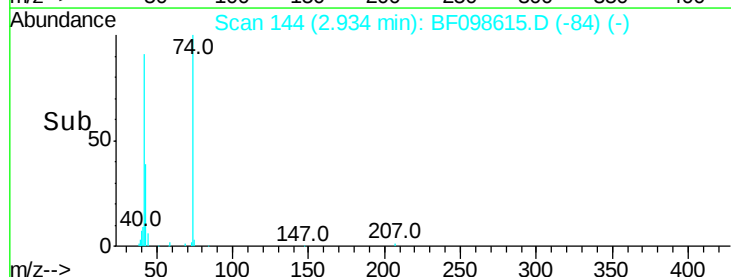
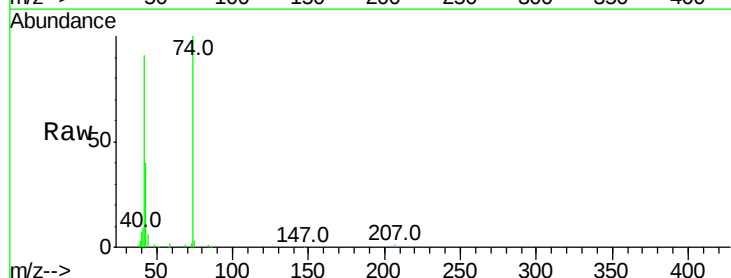
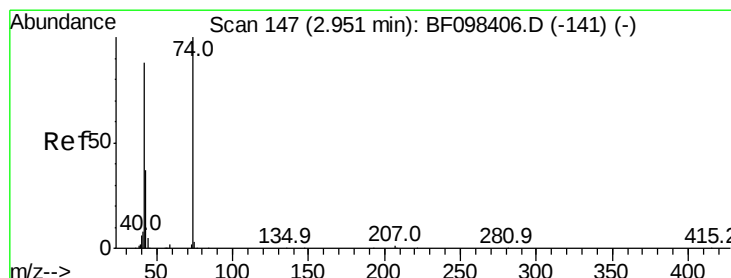
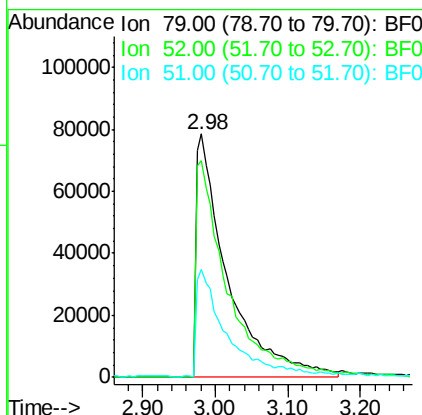
#3
 Pvridine
 Concen: 23.893 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.07 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	89.2	54.8	82.2#		
51	44.1	27.0	40.4#		

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

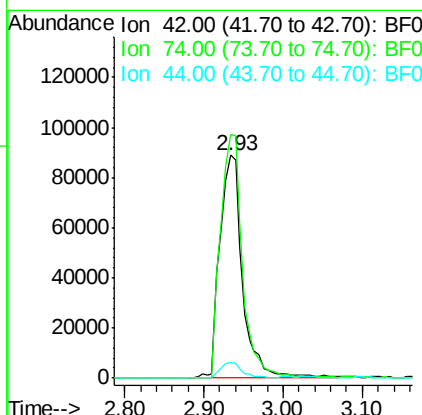
Manual Integrations
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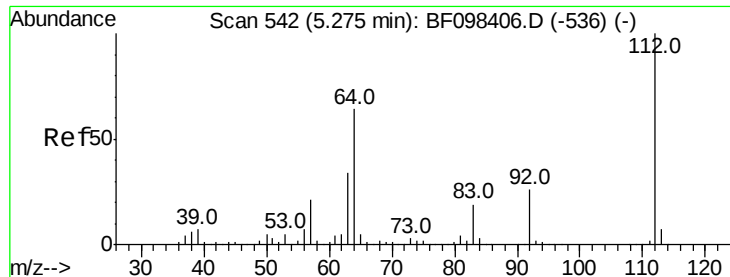
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#4
 n-Nitrosodimethylamine
 Concen: 36.338 ng
 RT: 2.93 min Scan# 144
 Delta R.T. 0.05 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	109.4	103.9	155.9		
44	7.0	5.7	8.5		





#5

2-Fluorophenol

Concen: 119.805 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.02 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

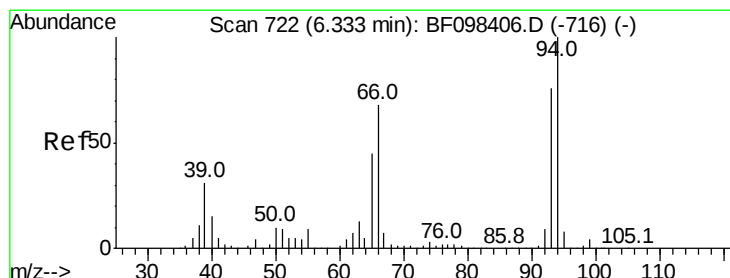
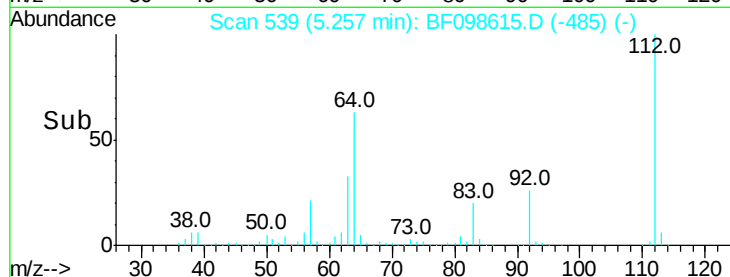
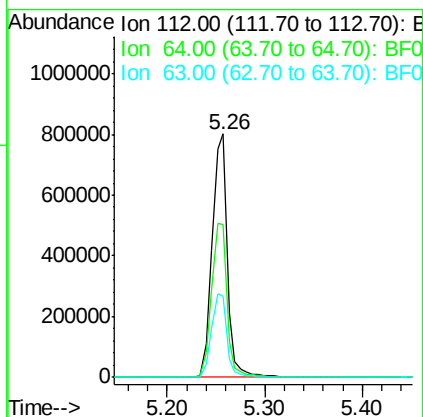
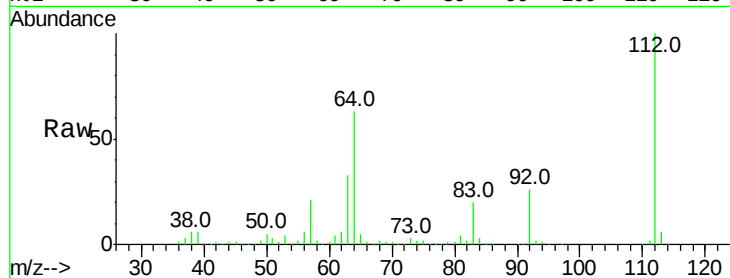
ClientSampleId :

TP-5D46MSD

Tot Ion:	112	Resp:	865748
Ion Ratio	Lower	Upper	
112	100		
64	62.8	46.0	69.0
63	33.1	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 23.464 ng

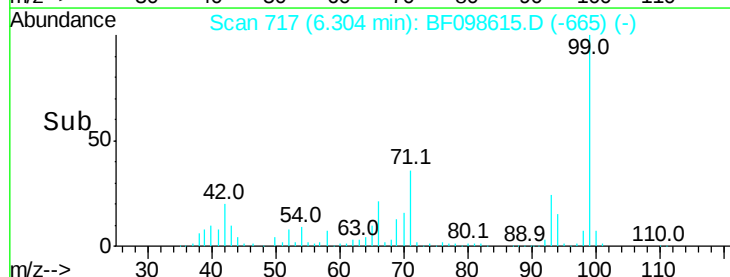
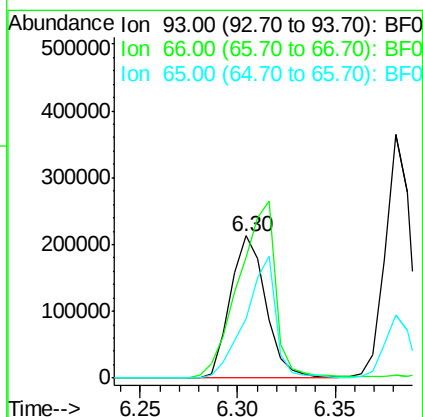
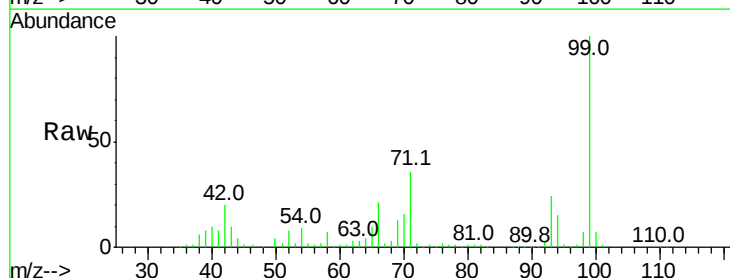
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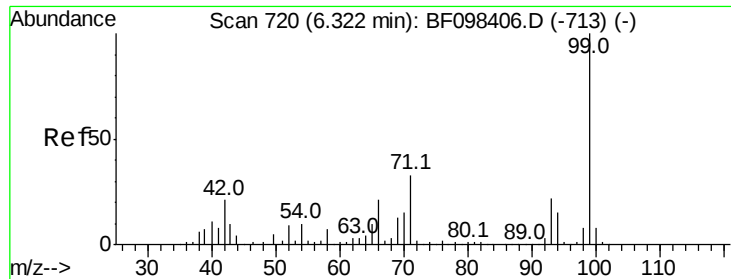
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	93	Resp:	270076
Ion Ratio	Lower	Upper	
93	100		
66	85.3	32.9	49.3#
65	41.6	16.0	24.0#





#7

Phenol-d6

Concen: 115.255 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

TP-5D46MSD

Tot Ion: 99 Resp: 1057464

Ion Ratio Lower Upper

99 100

42 19.7 13.5 20.3

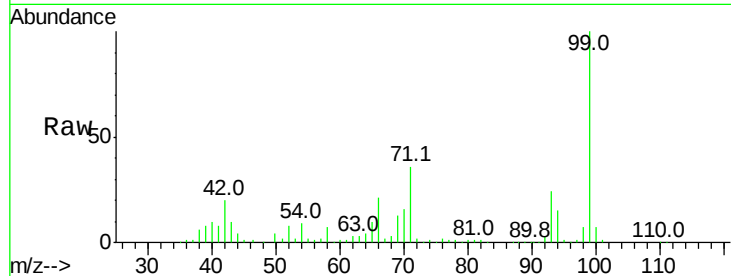
71 35.8 24.5 36.7

Manual Integrations

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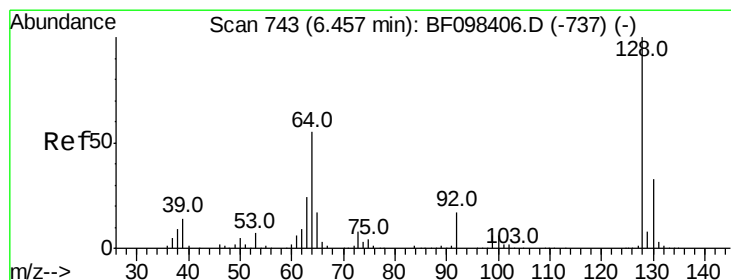
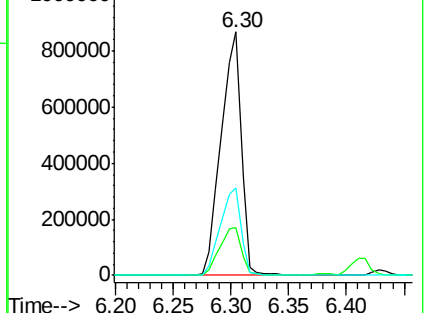
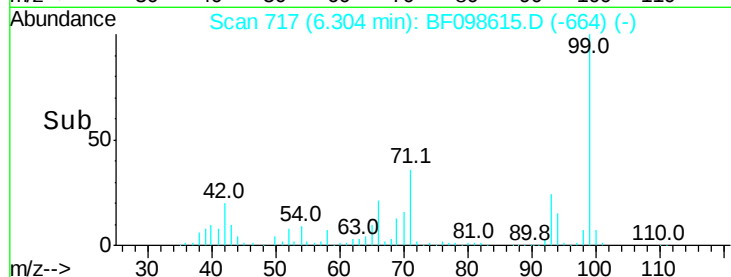
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.572 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

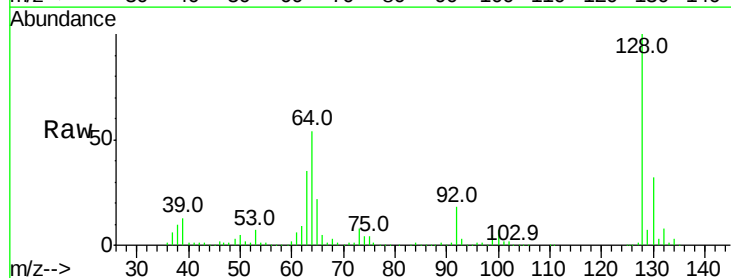
Tgt Ion:128 Resp: 338284

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

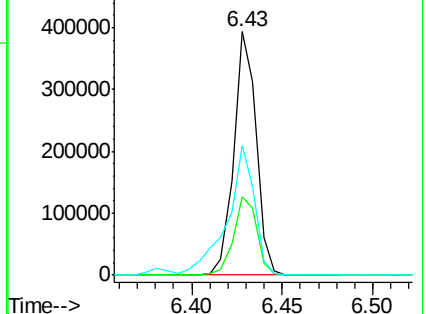
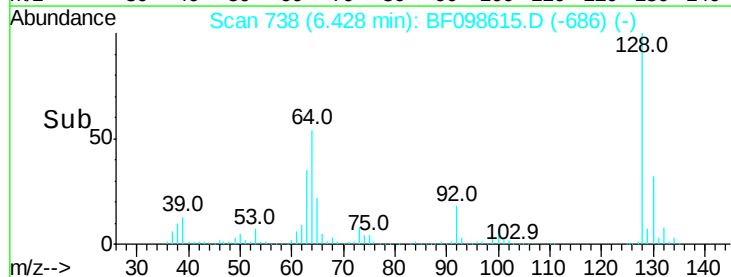
64 53.5 28.4 68.4

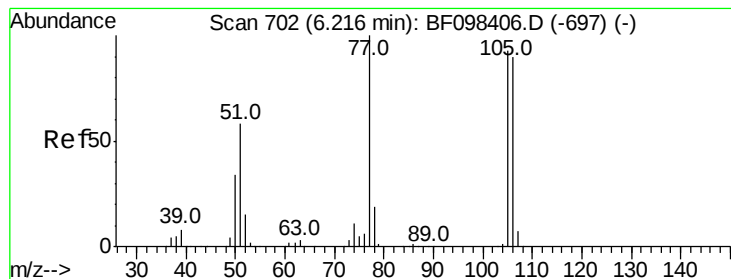


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.891 ng

RT: 6.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

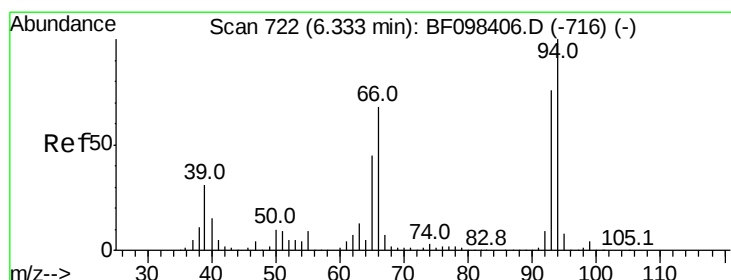
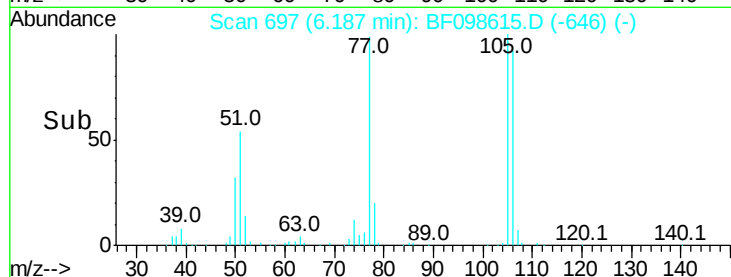
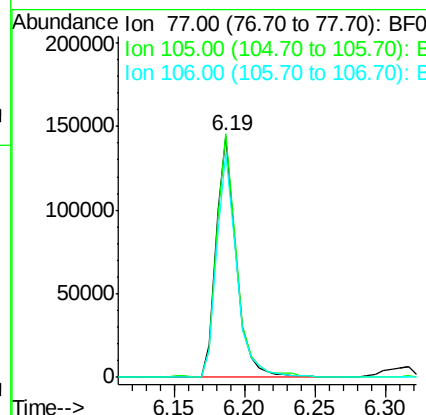
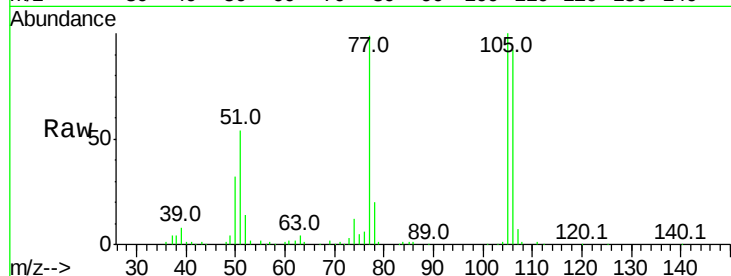
ClientSampleId :

TP-5D46MSD

Tot Ion:	77	Resp:	143295
Ion	Ratio	Lower	Upper
77	100		
105	100.9	83.8	123.8
106	93.0	79.1	119.1

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#10

Phenol

Concen: 41.243 ng

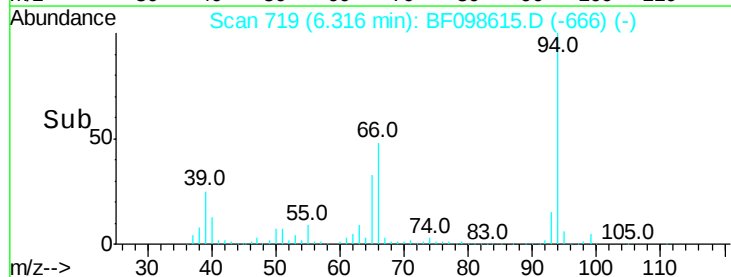
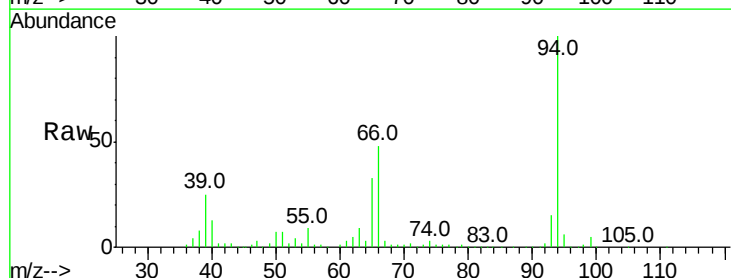
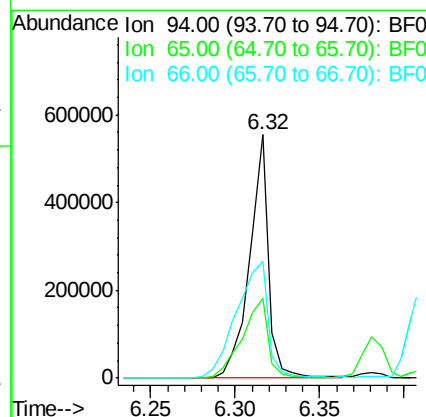
RT: 6.32 min Scan# 719

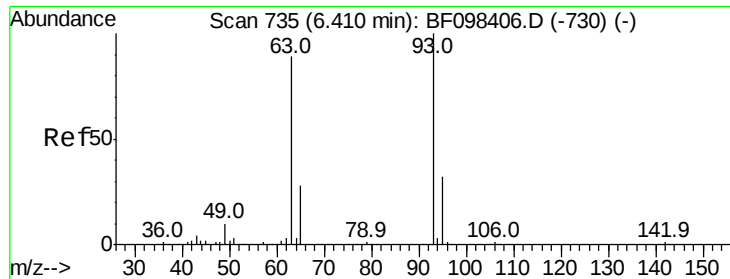
Delta R.T. 0.01 min

Lab File: BF098615.D

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Tgt Ion:	94	Resp:	439523
Ion	Ratio	Lower	Upper
94	100		
65	32.9	9.9	49.9
66	47.9	23.1	63.1





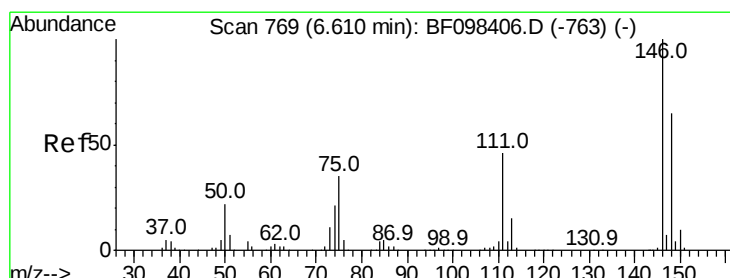
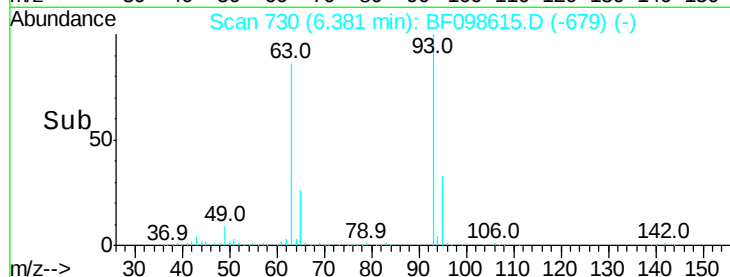
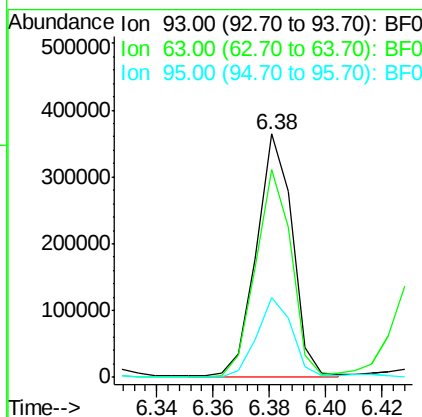
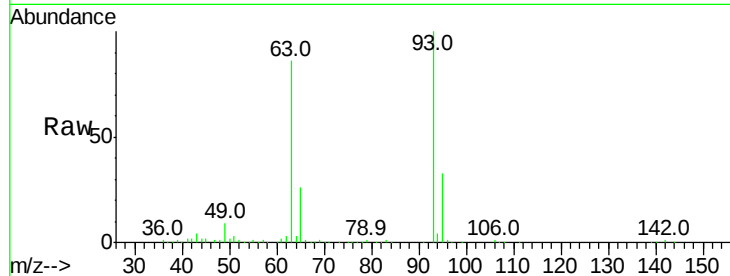
#11
bis(2-Chloroethyl)ether
Concen: 40.241 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion:	93	Resp:	323338
Ion Ratio	Lower	Upper	
93	100		
63	85.6	59.2	99.2
95	32.8	12.8	52.8

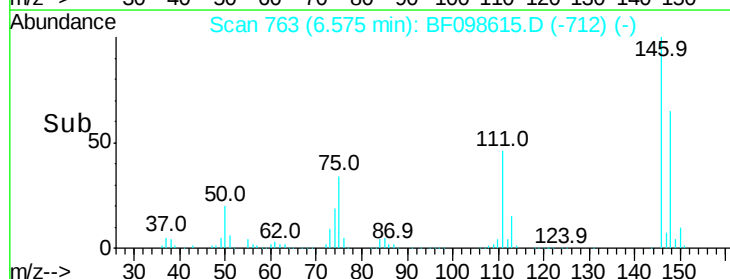
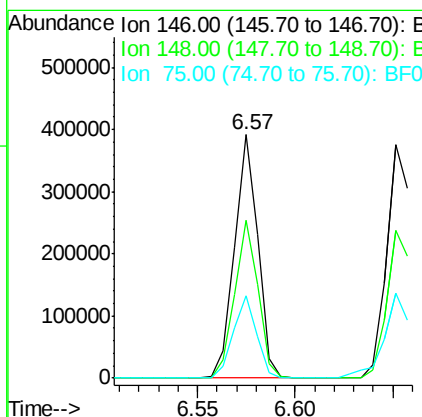
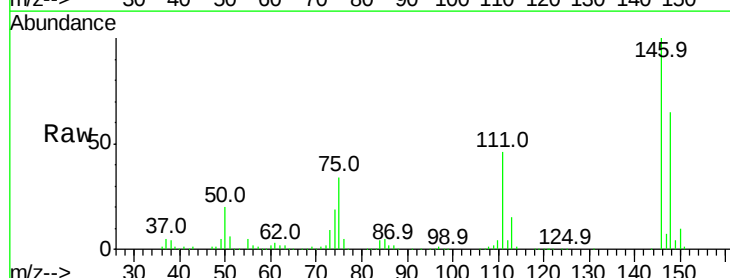
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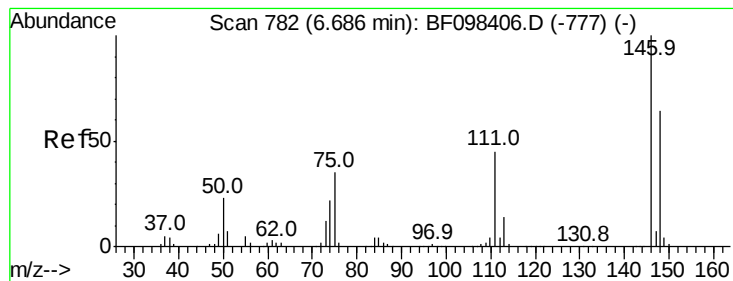
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.510 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion:	146	Resp:	323999
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.6
75	33.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.165 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

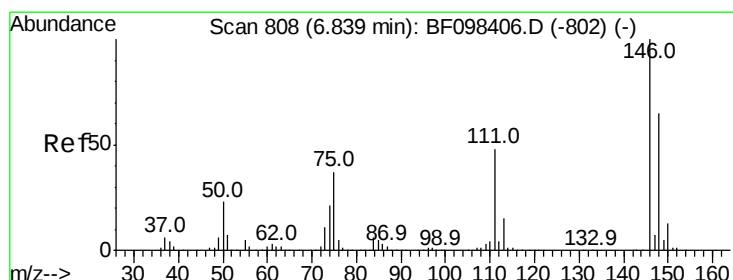
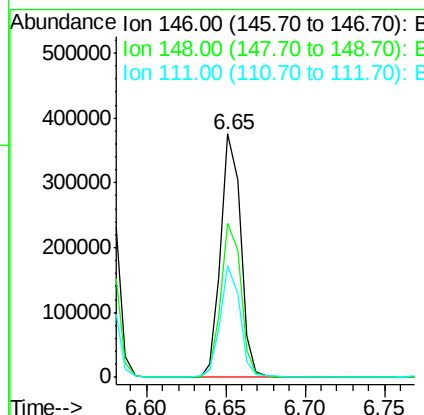
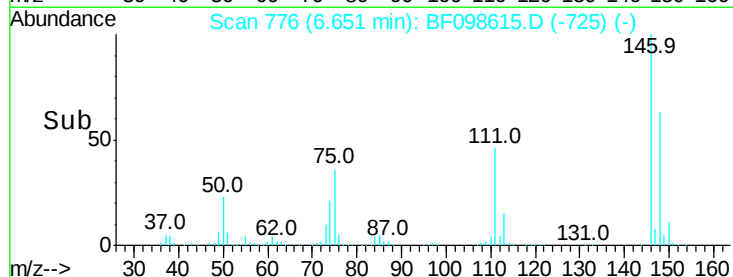
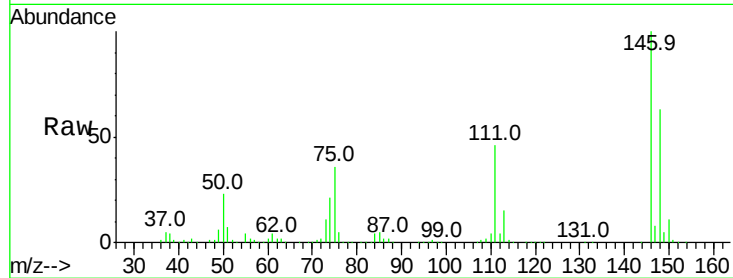
ClientSampleId :

TP-5D46MSD

Tot Ion:	146	Resp:	329051
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.2
111	46.2	30.3	45.5#

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#14

1,2-Dichlorobenzene

Concen: 41.949 ng

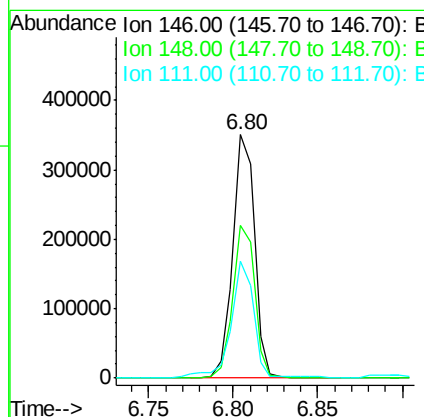
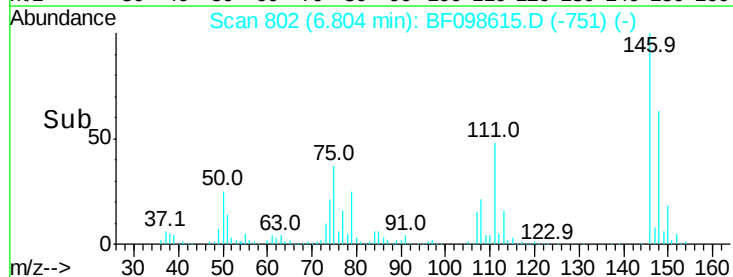
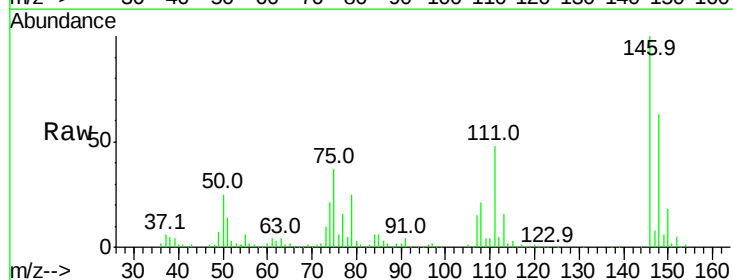
RT: 6.80 min Scan# 802

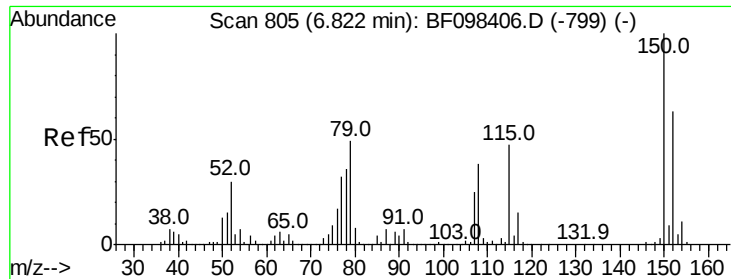
Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	146	Resp:	313095
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.4	75.6
111	48.3	38.2	57.4





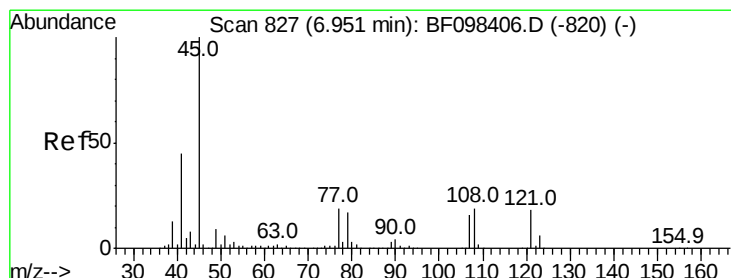
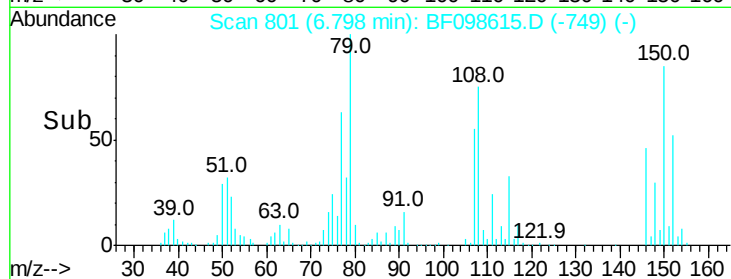
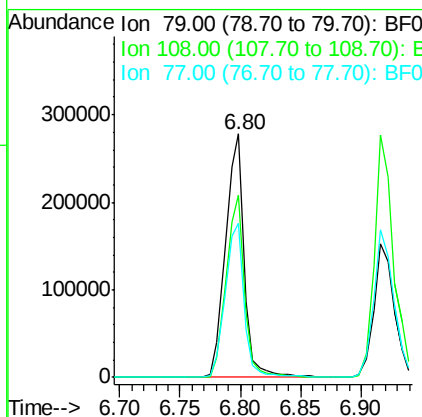
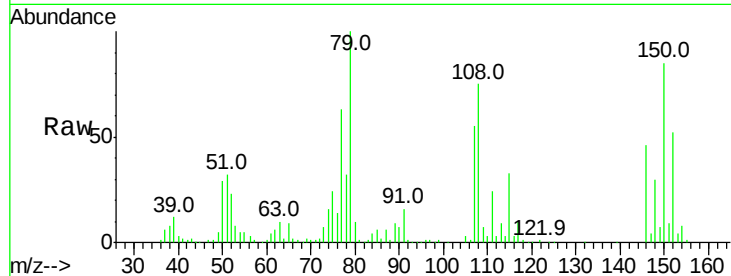
#15
Benzyl Alcohol
Concen: 48.669 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	63.4	95.0
77	63.2	49.2	73.8

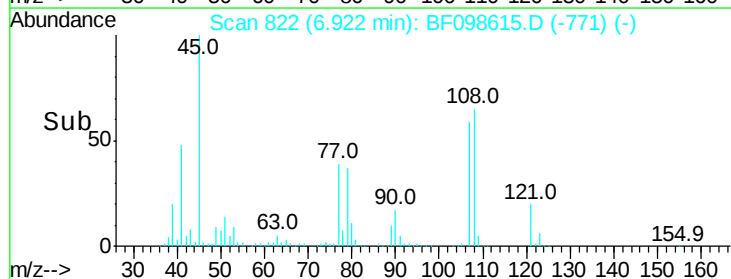
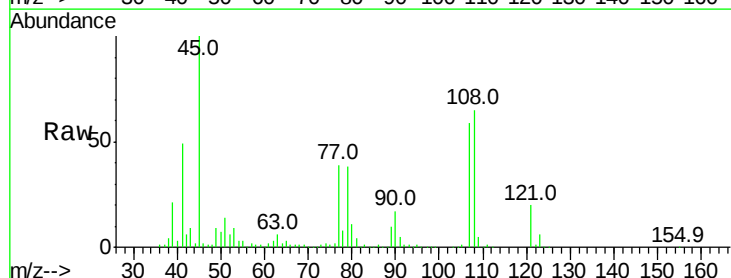
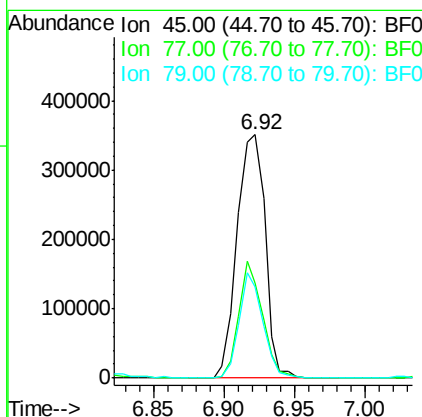
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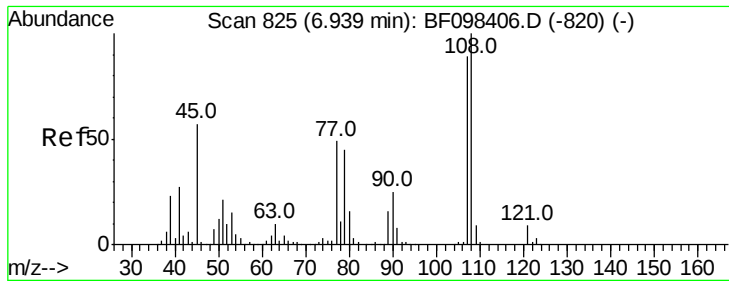
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.987 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.2	0.0	33.2#
79	37.6	0.0	30.0#





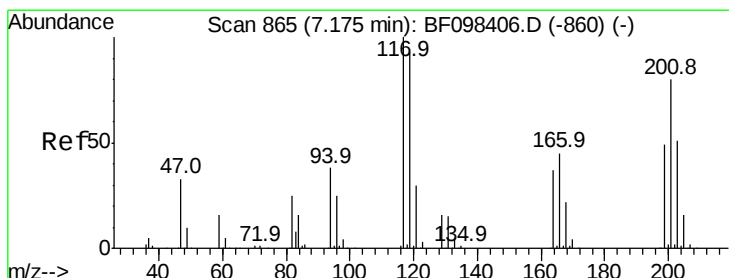
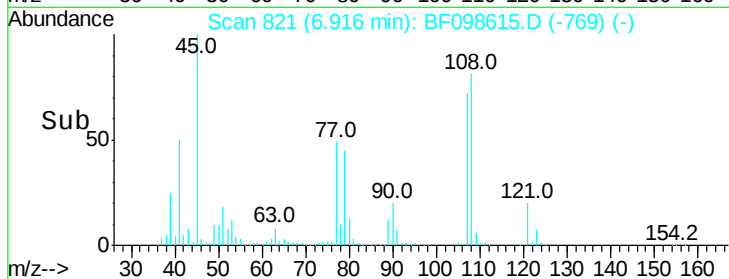
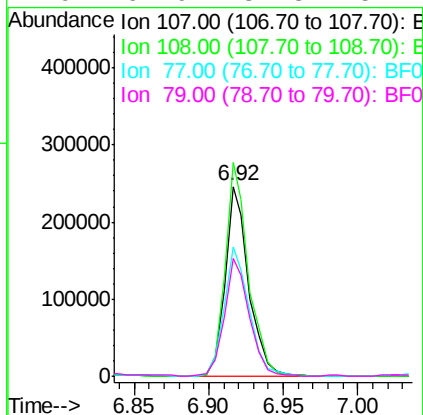
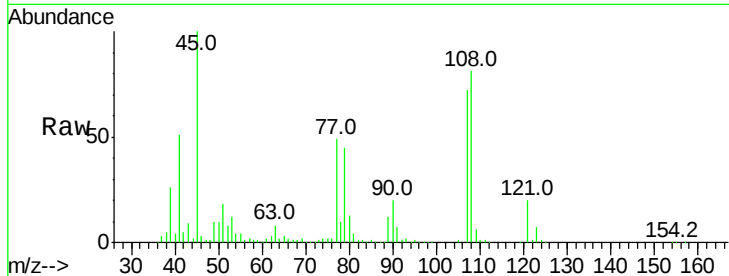
#17
2-Methylphenol
Concen: 42.342 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.4	140.0	
77	68.1	35.8	53.6#	
79	61.9	34.8	52.2#	

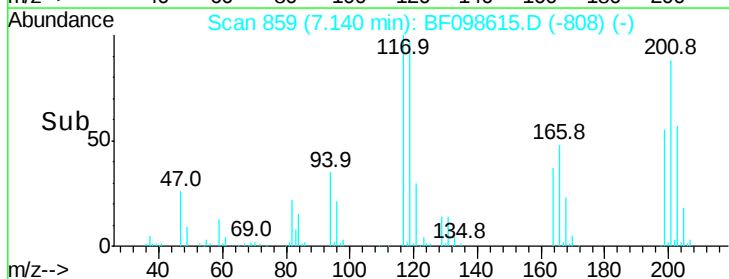
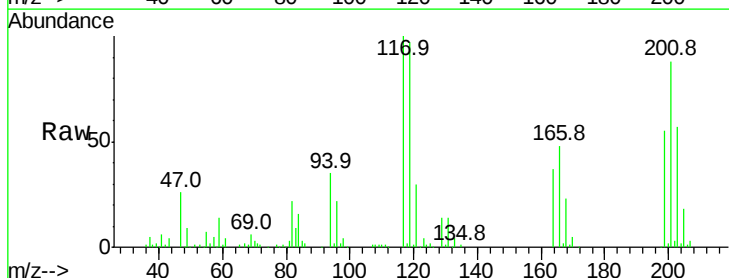
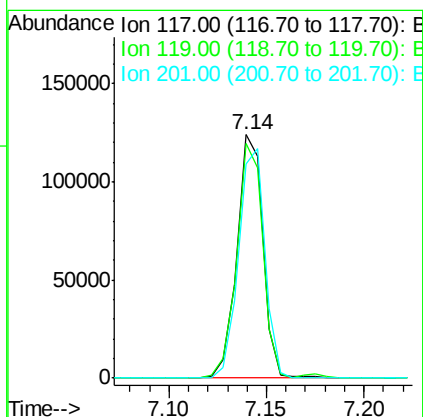
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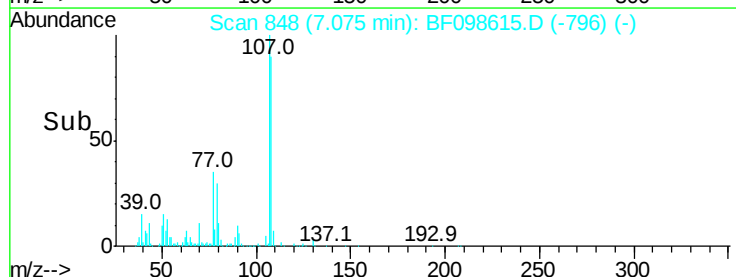
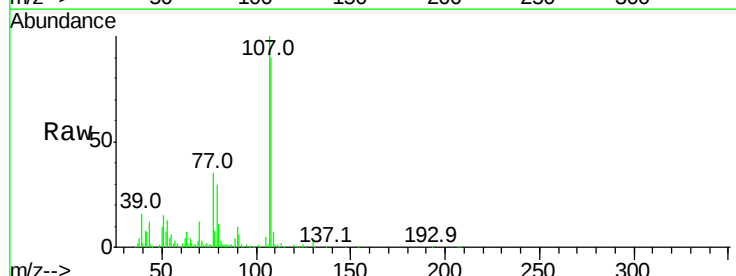
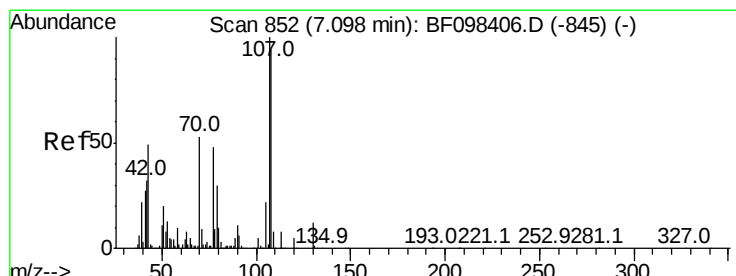
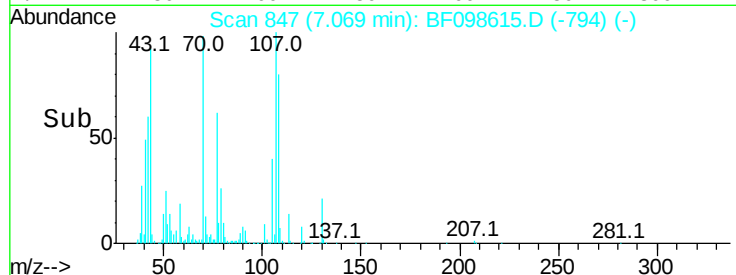
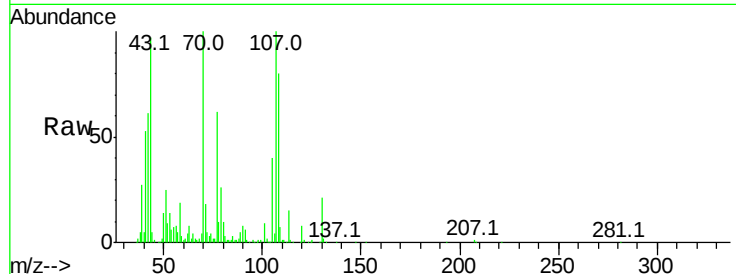
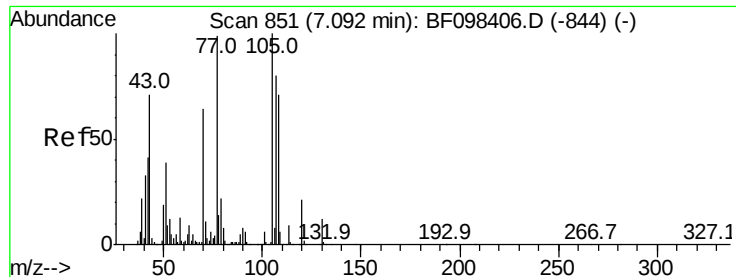
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#18
Hexachloroethane
Concen: 36.443 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

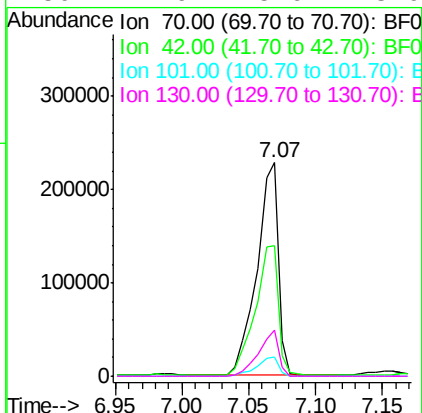
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.4	116.0	
201	88.1	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 43.746 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	47.2	70.8
101	9.1	7.2	10.8
130	21.6	15.9	23.9



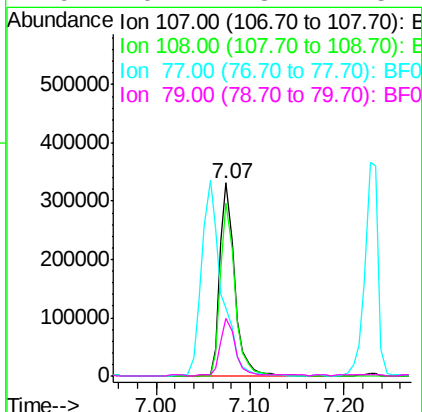
Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

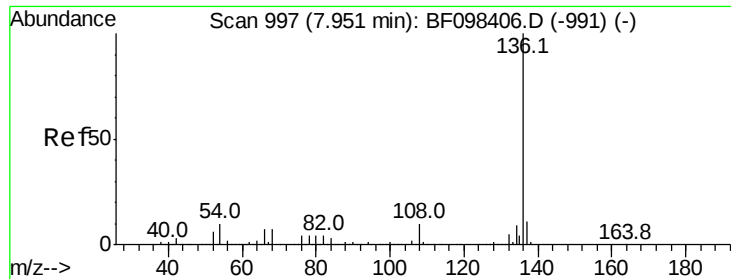
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#20
3+4-Methylphenols
Concen: 44.848 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.0	111.0
77	35.4	90.5	130.5#
79	29.7	8.4	48.4





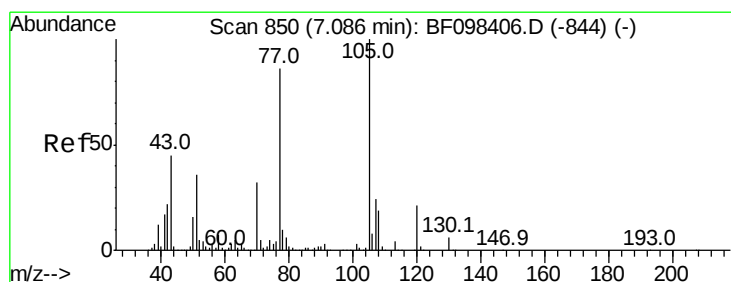
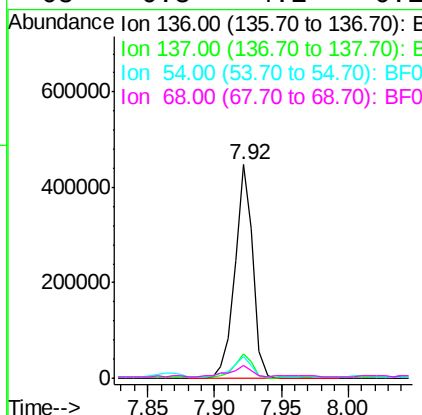
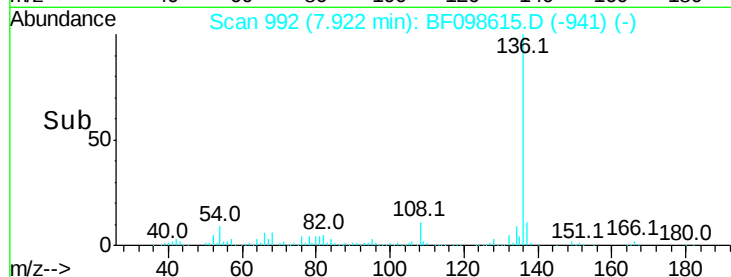
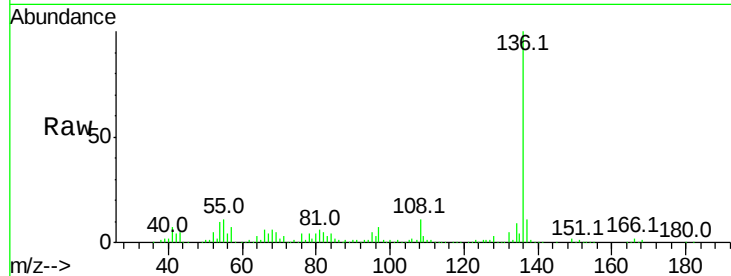
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	10.0	4.9	7.3#	
68	6.3	4.1	6.1#	

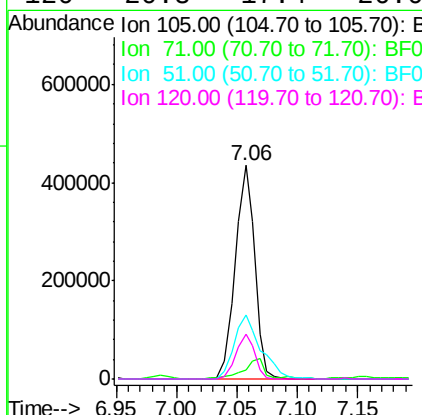
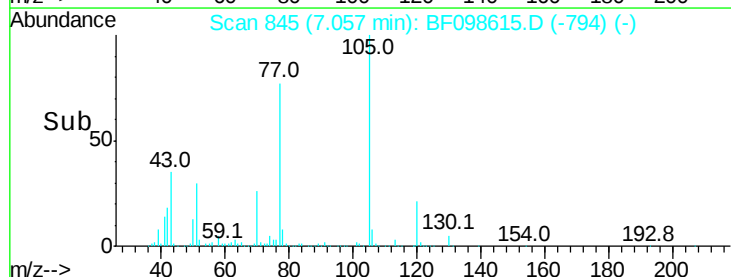
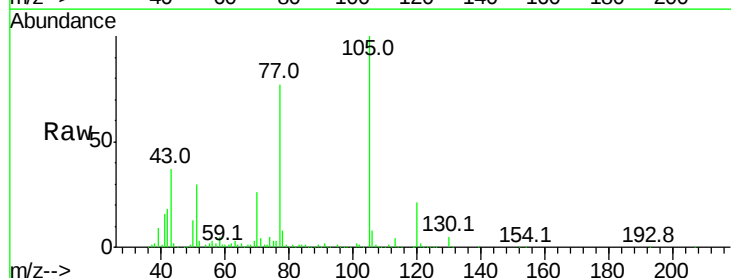
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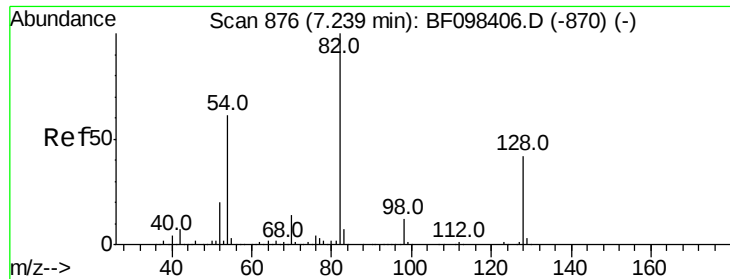
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#22
Acetophenone
Concen: 45.293 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	2.8	4.2#	
51	29.7	30.7	46.1#	
120	20.8	17.4	26.0	





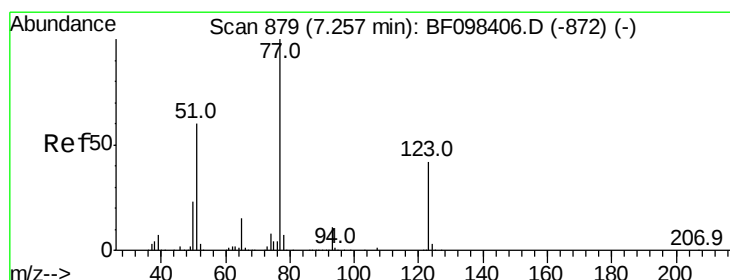
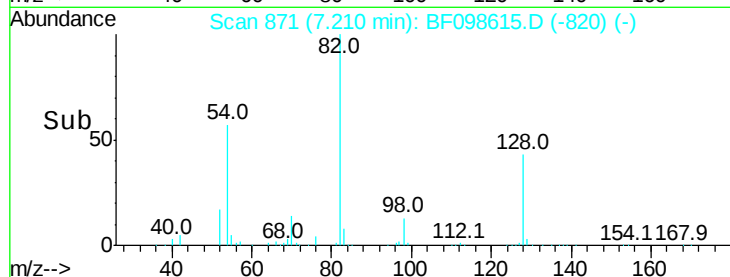
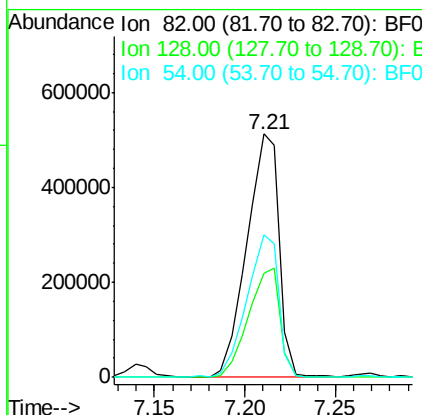
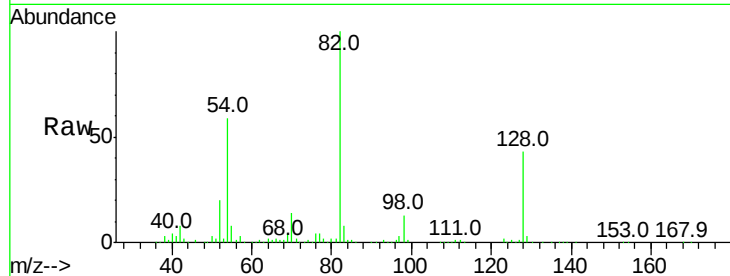
#23
Nitrobenzene-d5
Concen: 83.707 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	628425		
128	42.7		34.0	51.0
54	58.5		42.2	63.2

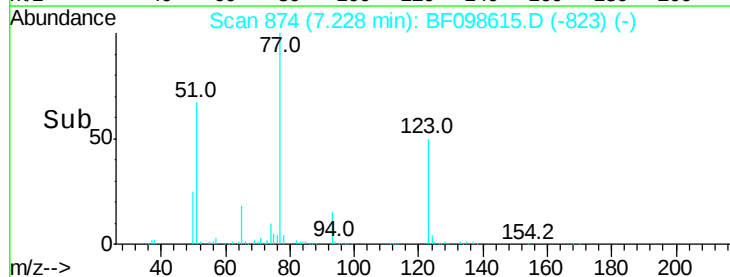
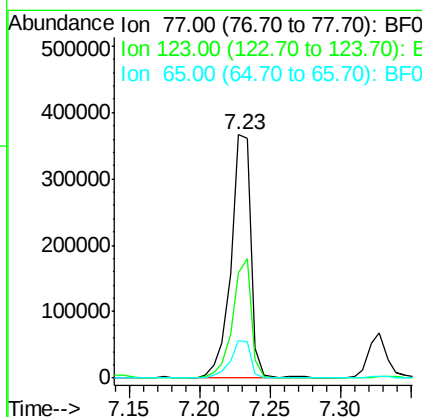
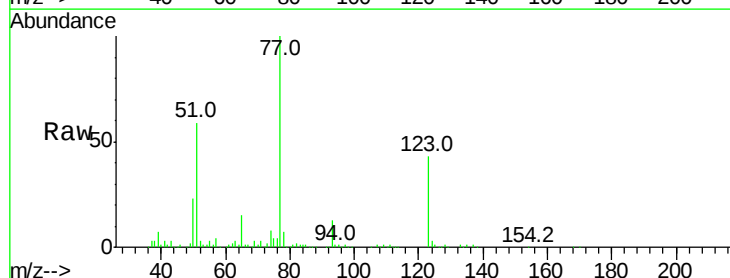
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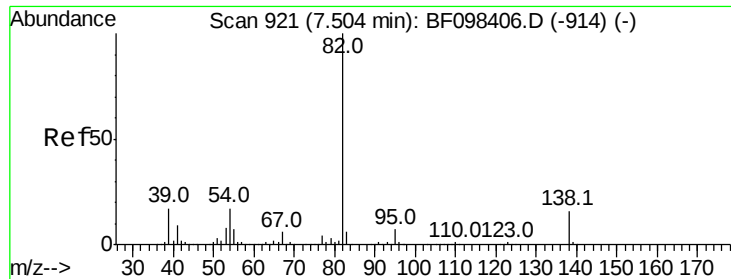
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#24
Nitrobenzene
Concen: 41.755 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	357064		
123	43.2		35.8	53.8
65	15.5		10.6	15.8





#25

Isophorone

Concen: 41.978 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

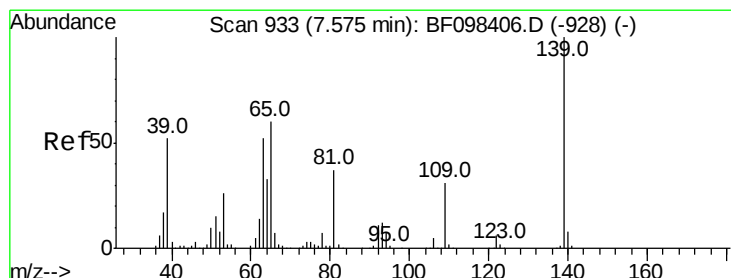
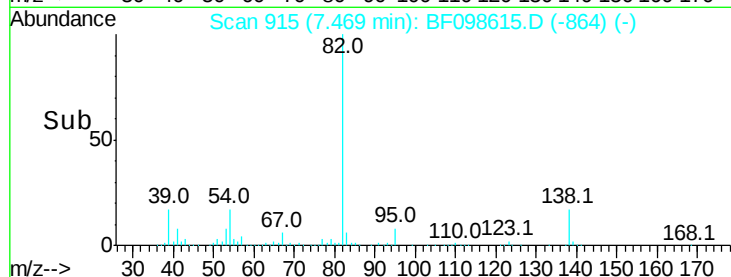
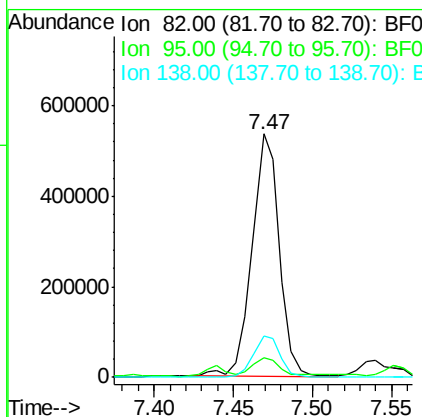
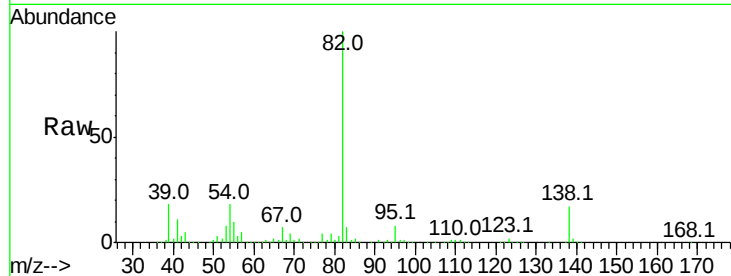
ClientSampleId :

TP-5D46MSD

Tot Ion:	82	Resp:	637624
Ion Ratio	Lower	Upper	
82	100		
95	8.3	5.3	7.9#
138	17.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 49.762 ng

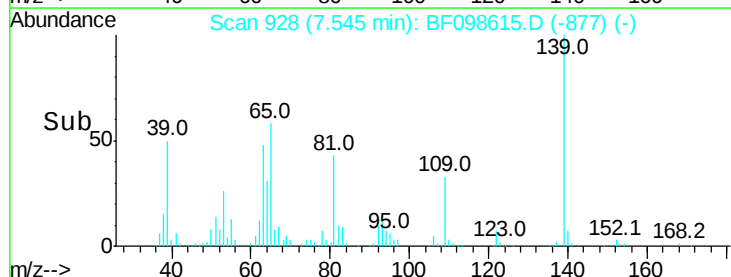
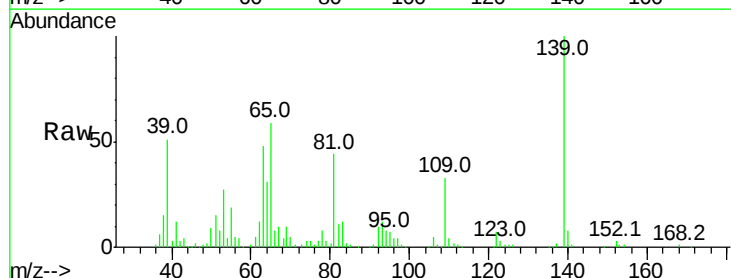
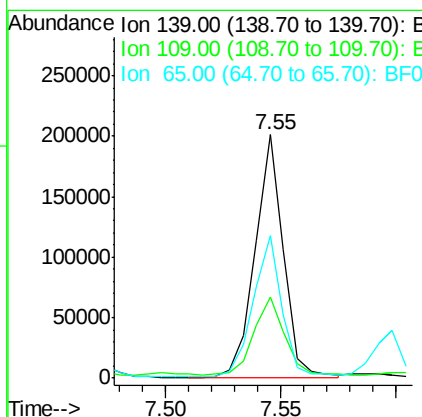
RT: 7.55 min Scan# 928

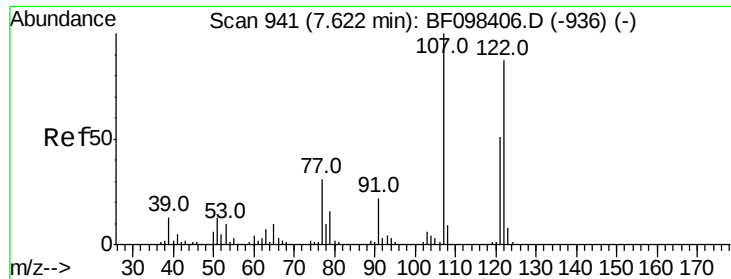
Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	139	Resp:	171815
Ion Ratio	Lower	Upper	
139	100		
109	33.1	21.0	31.6#
65	58.7	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 43.598 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

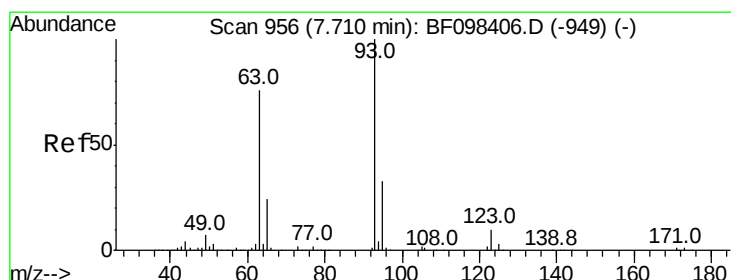
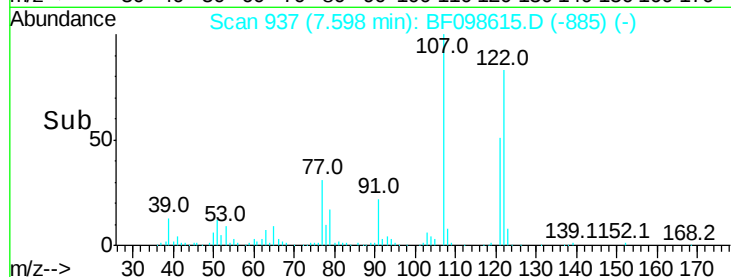
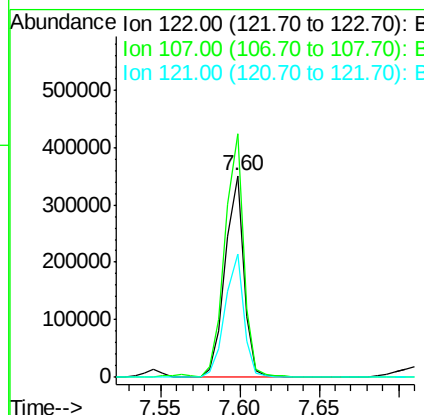
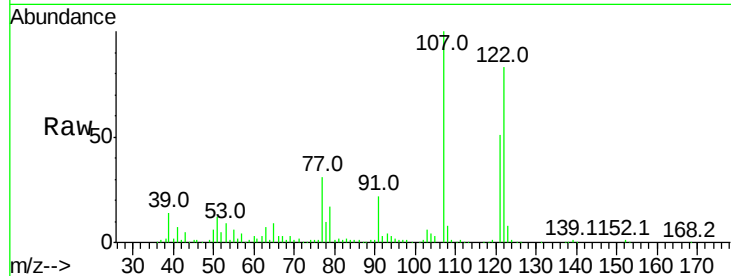
ClientSampleId :

TP-5D46MSD

Tot Ion:	122	Resp:	286961
Ion Ratio	Lower	Upper	
122	100		
107	120.6	89.2	133.8
121	61.4	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.383 ng

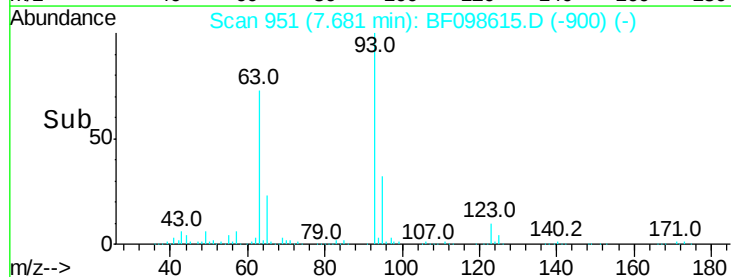
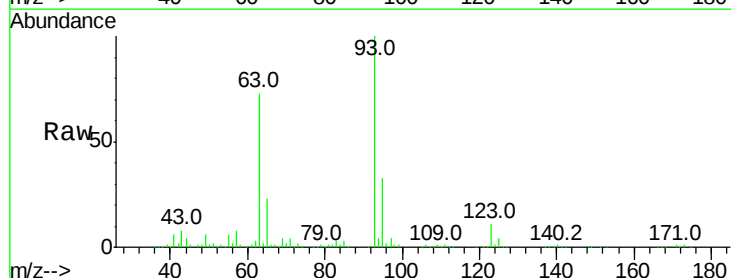
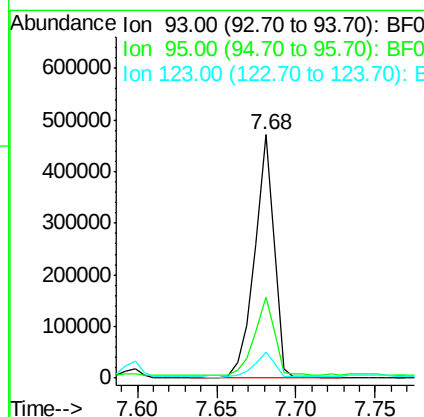
RT: 7.68 min Scan# 951

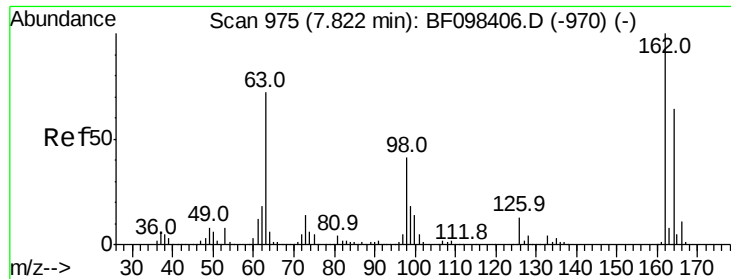
Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	93	Resp:	402097
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	10.6	9.0	13.4





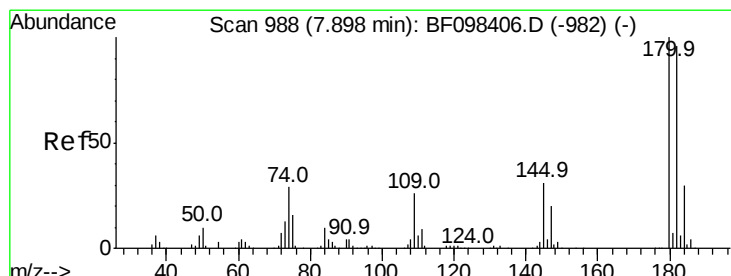
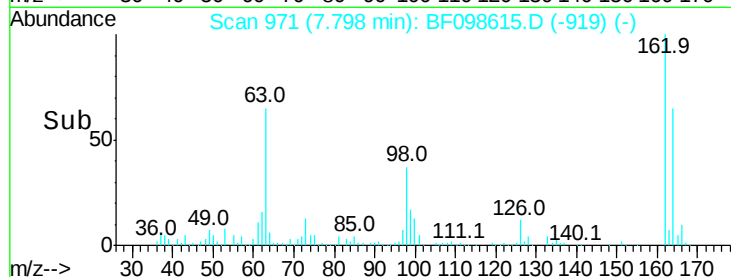
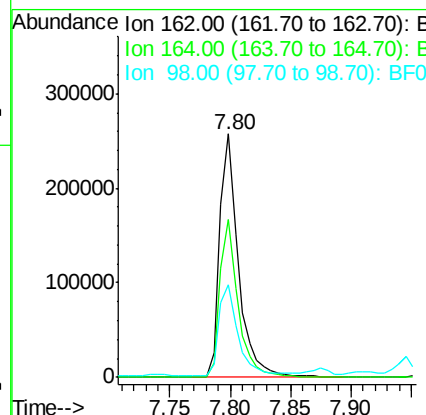
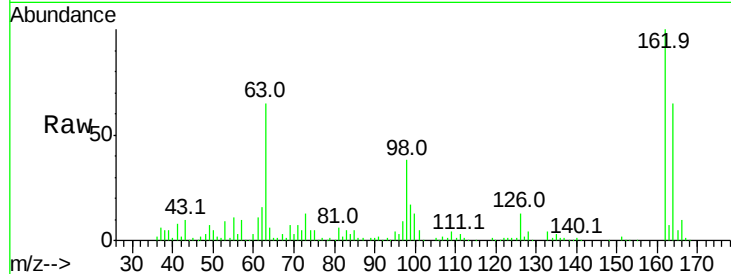
#29
2,4-Dichlorophenol
Concen: 50.154 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	44.6	84.6
98	37.9	14.8	54.8

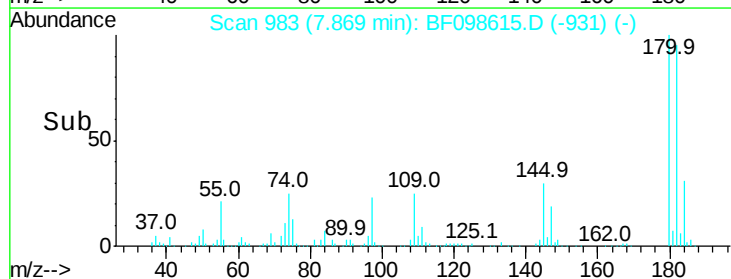
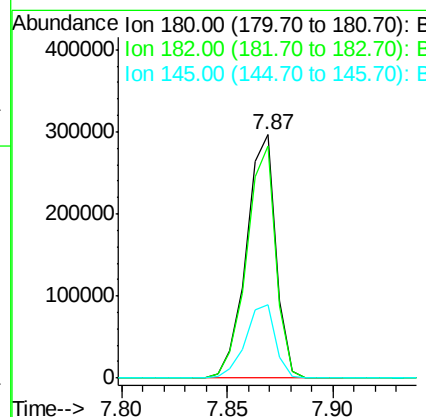
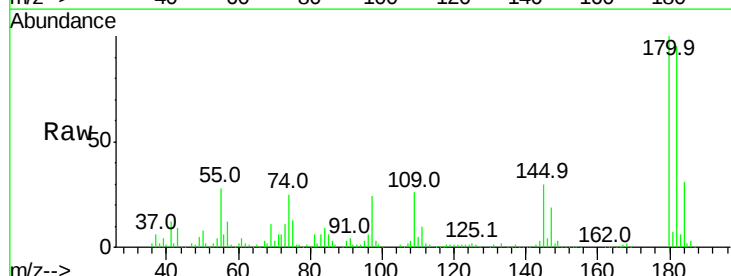
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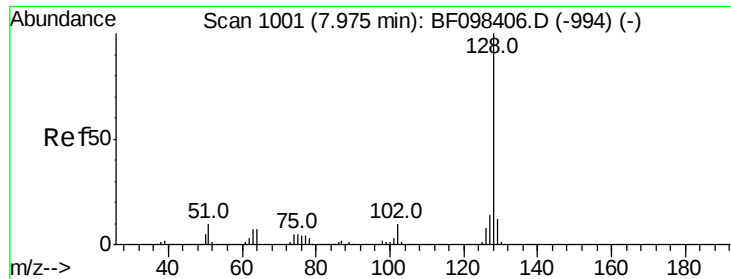
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#30
1,2,4-Trichlorobenzene
Concen: 48.254 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	75.8	113.6
145	30.3	25.3	37.9





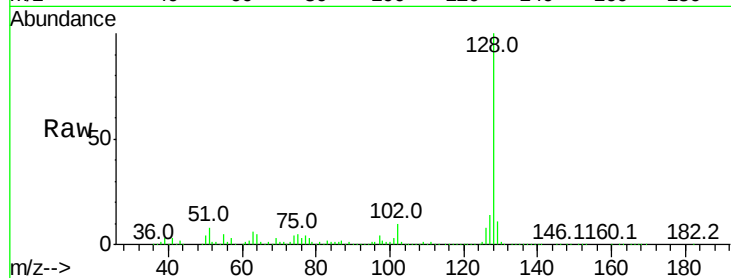
#31
Naphthalene
Concen: 44.526 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampled :
TP-5D46MSD

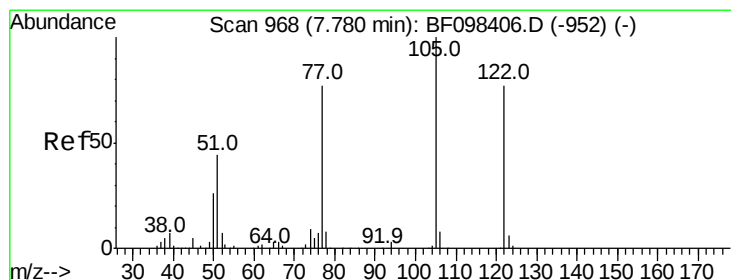
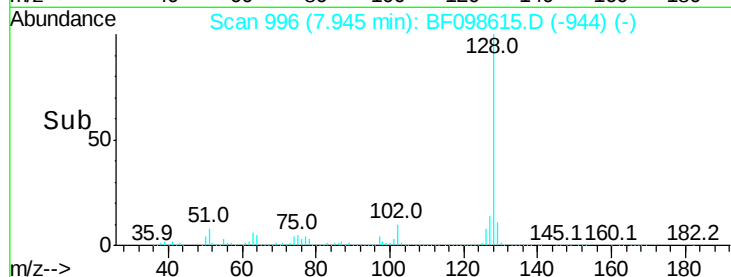
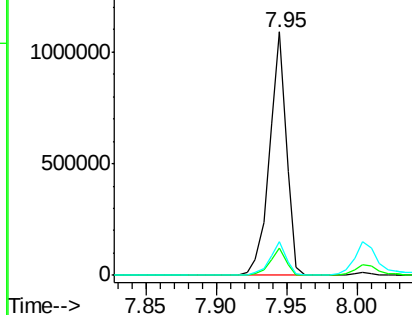
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.6	
127	13.8	10.8	16.2	

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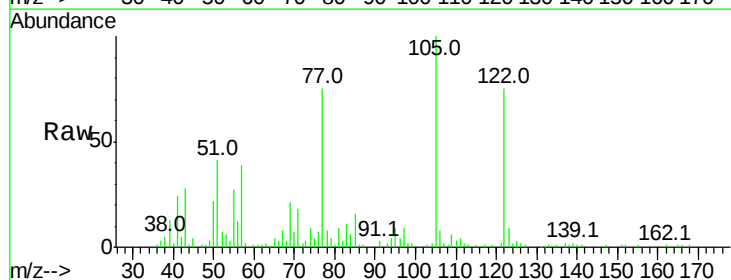


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

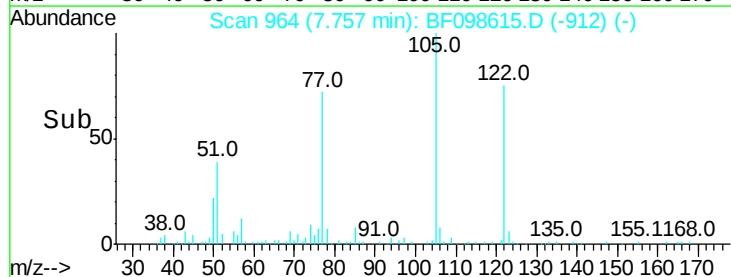
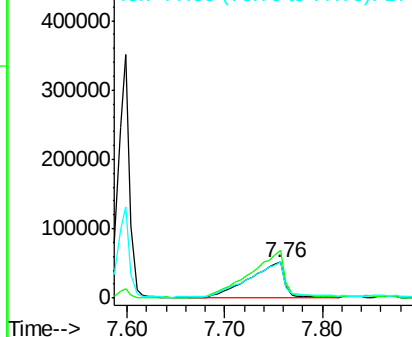


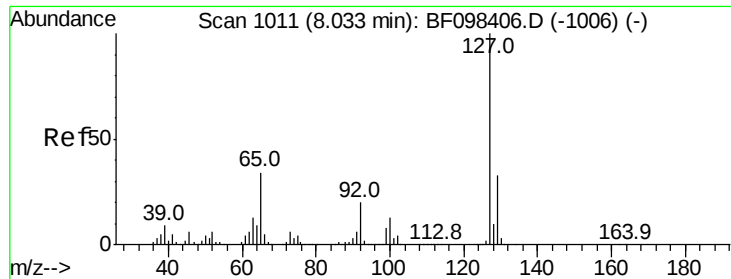
#32
Benzoic acid
Concen: 33.221 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.2	103.3	143.3	
77	100.5	73.7	113.7	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





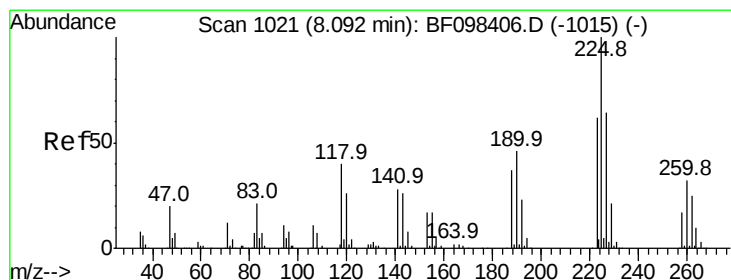
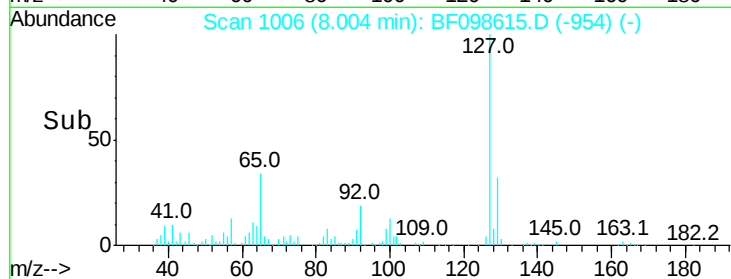
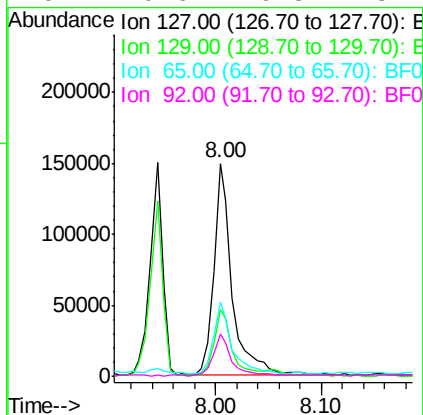
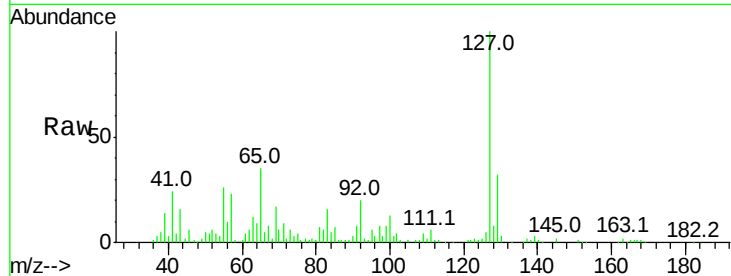
#33
 4-Chloroaniline
 Concen: 21.956 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.2	39.2	
65	35.2	27.8	41.8	
92	19.6	16.8	25.2	

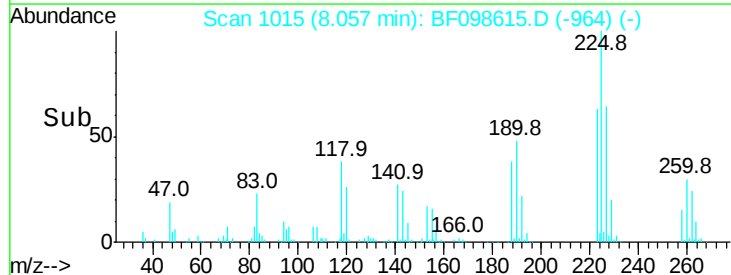
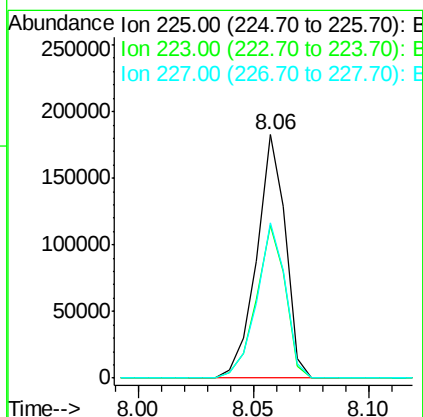
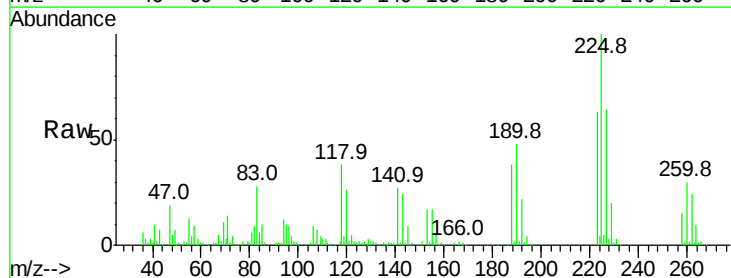
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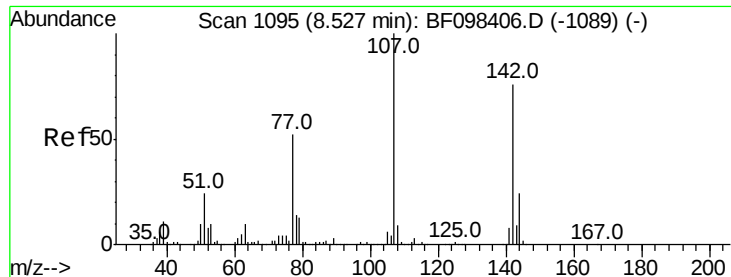
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#34
 Hexachlorobutadiene
 Concen: 52.258 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	48.8	73.2	
227	63.9	51.1	76.7	





#36

4-Chloro-3-methylphenol

Concen: 42.415 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

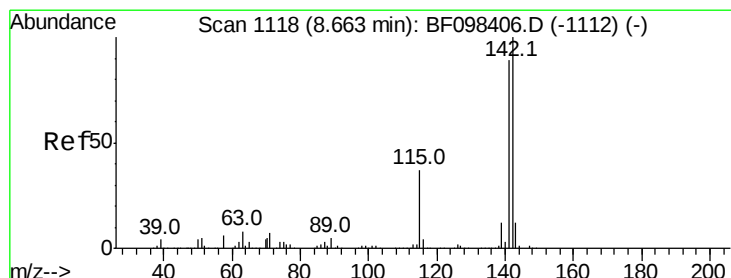
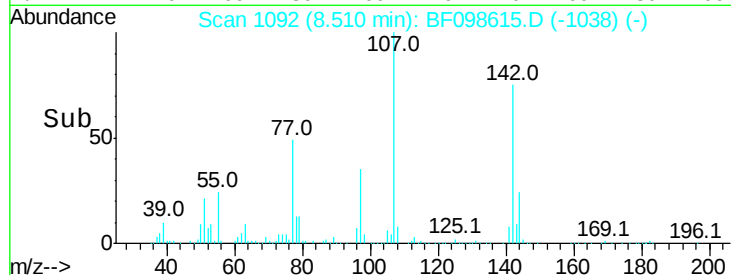
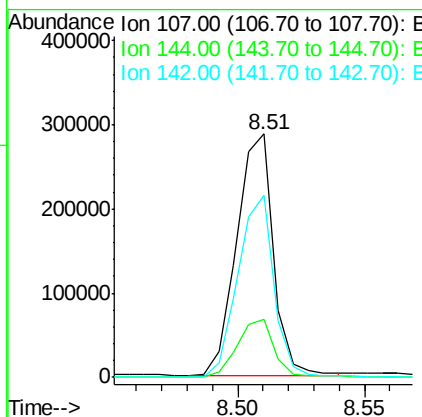
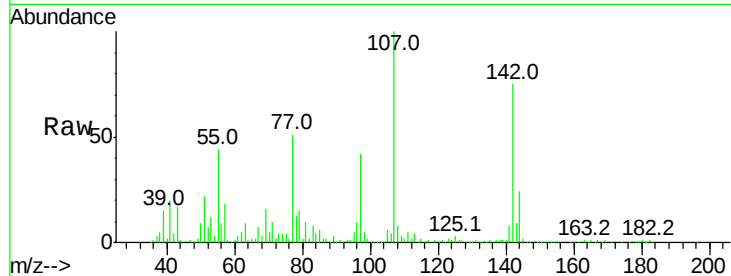
ClientSampleId :

TP-5D46MSD

Tot Ion:	107	Resp:	287943
Ion Ratio	Lower	Upper	
107	100		
144	23.9	24.2	36.4#
142	74.9	73.4	110.0

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#37

2-Methylnaphthalene

Concen: 47.972 ng

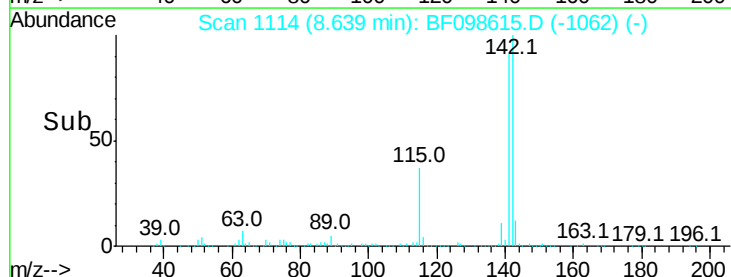
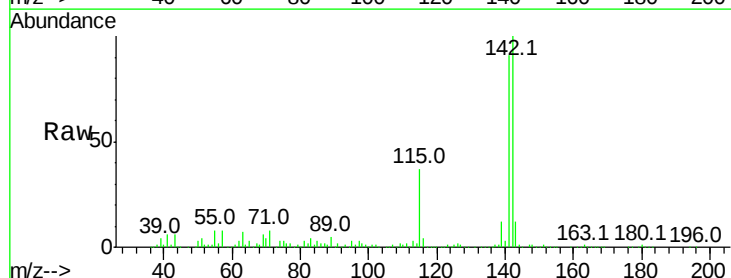
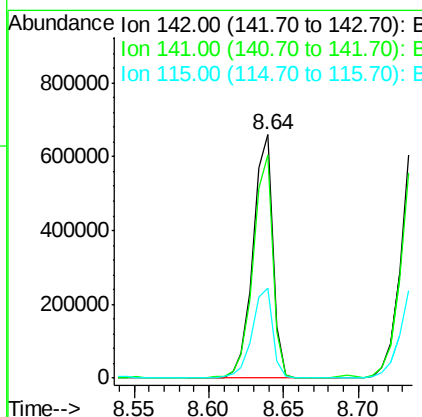
RT: 8.64 min Scan# 1114

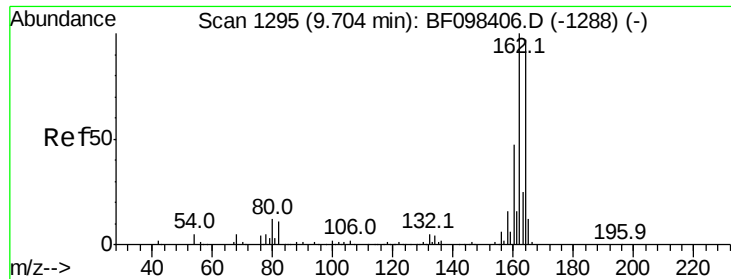
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	142	Resp:	601234
Ion Ratio	Lower	Upper	
142	100		
141	91.4	71.3	106.9
115	37.2	27.1	40.7





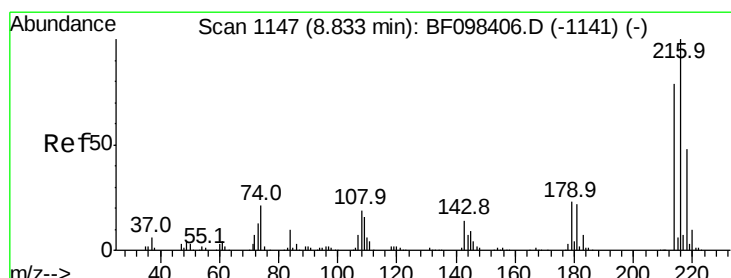
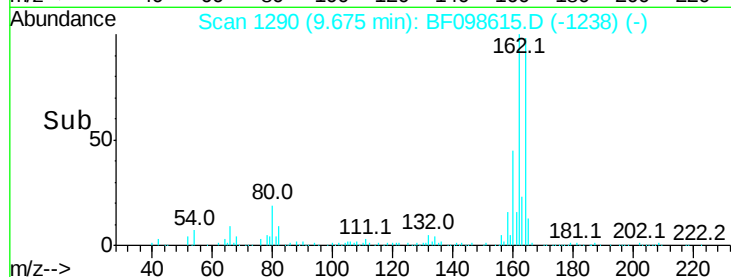
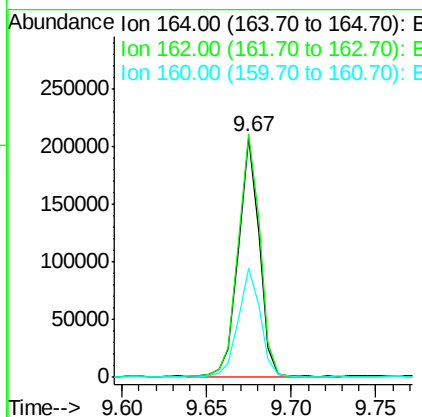
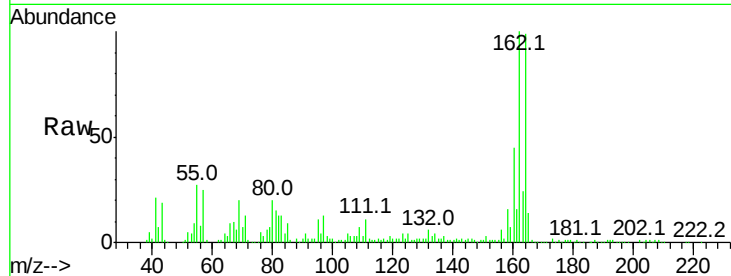
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	45.6	36.2	54.2

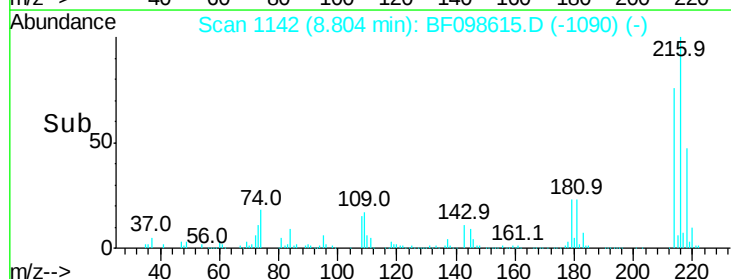
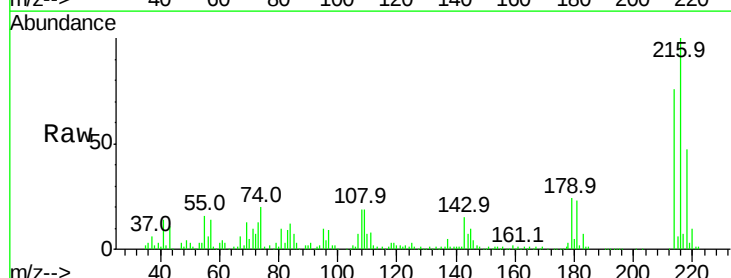
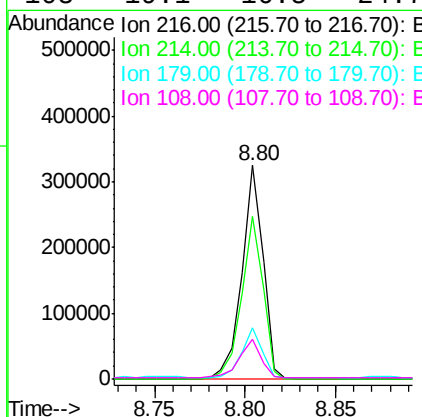
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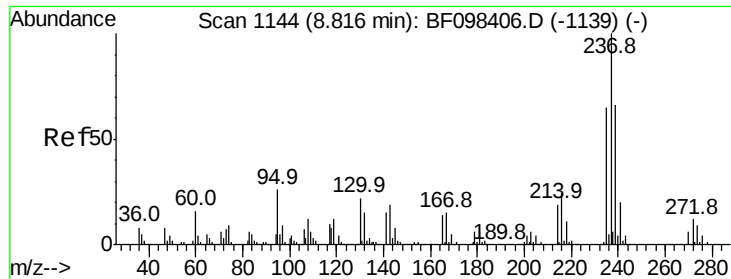
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.522 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.4	95.2
179	23.0	17.9	26.9
108	19.1	16.5	24.7





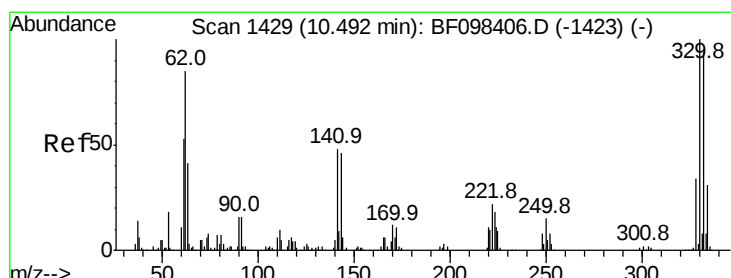
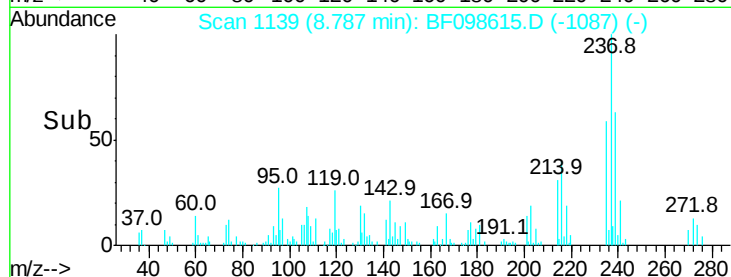
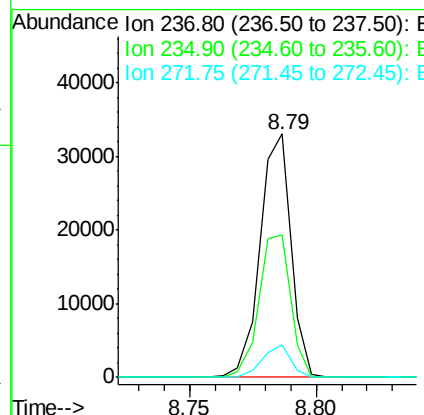
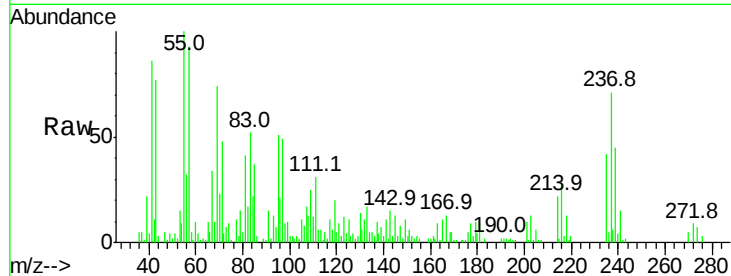
#40
Hexachlorocyclopentadiene
Concen: 25.161 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	58.5	42.6	82.6	
272	13.1	0.0	31.9	

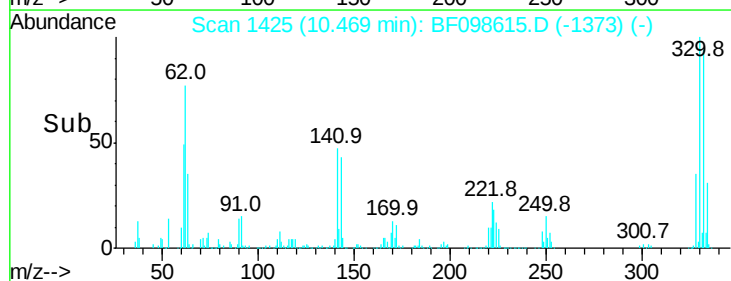
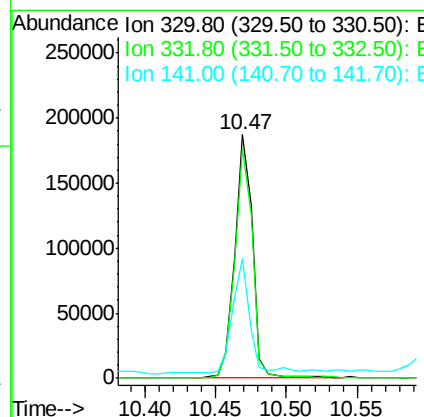
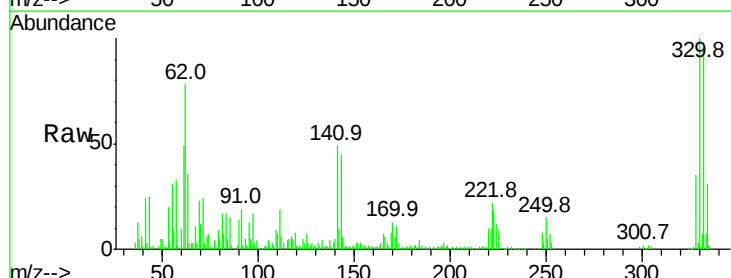
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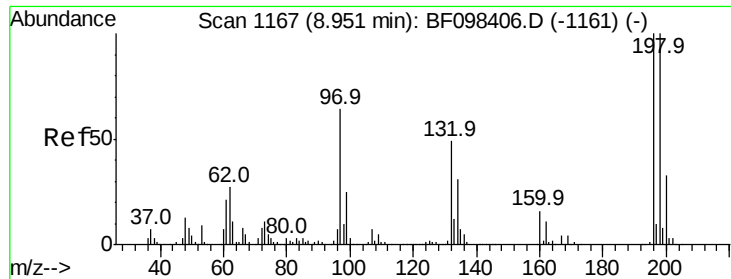
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#41
2,4,6-Tribromophenol
Concen: 138.709 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	76.6	115.0	
141	44.5	31.4	47.2	





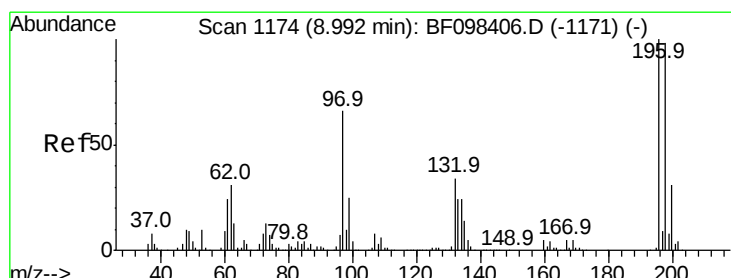
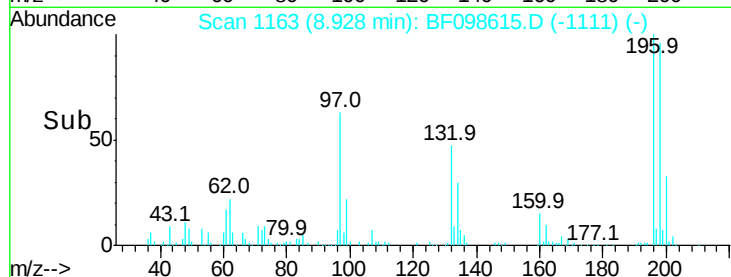
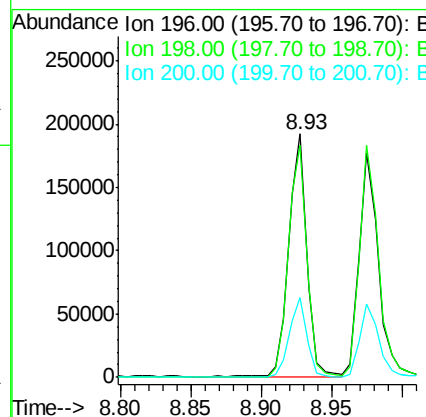
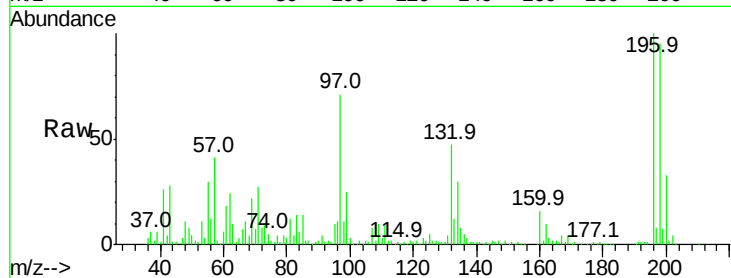
#42
 2,4,6-Trichlorophenol
 Concen: 52.652 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170977		
198	95.4	74.2	111.4	
200	32.6	24.0	36.0	

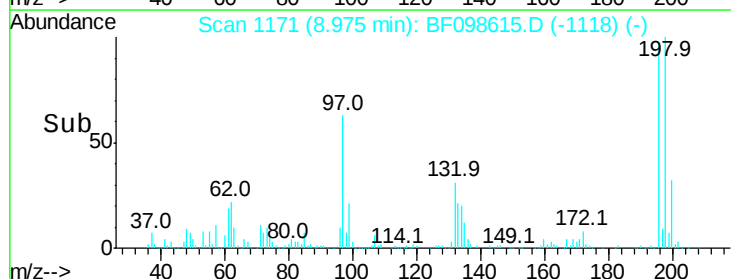
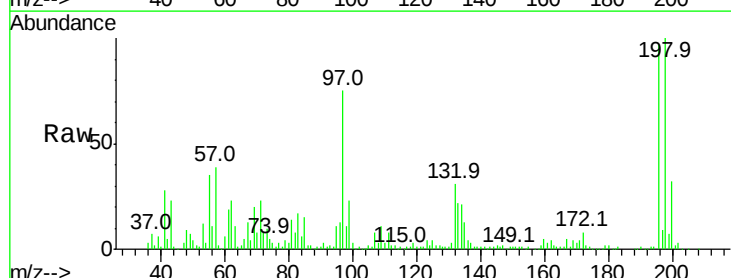
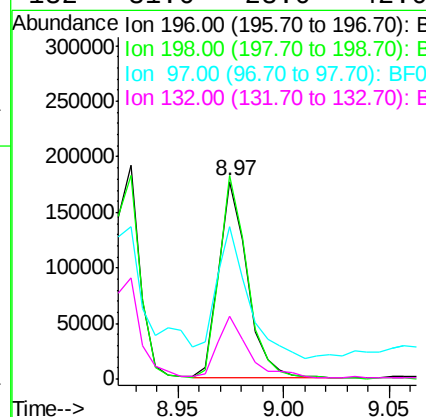
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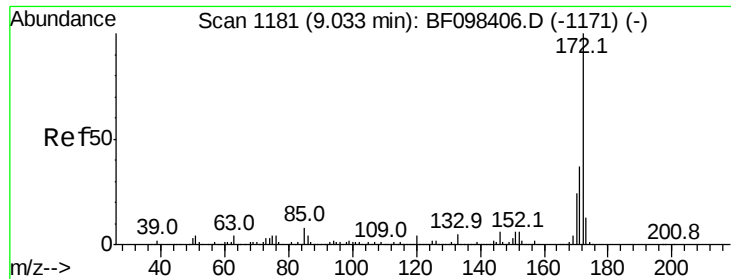
Sohil
 9/19/2017 5:31:57 PM



#43
 2,4,5-Trichlorophenol
 Concen: 49.178 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166919		
198	103.1	75.7	113.5	
97	77.4	47.7	71.5#	
132	31.6	28.0	42.0	





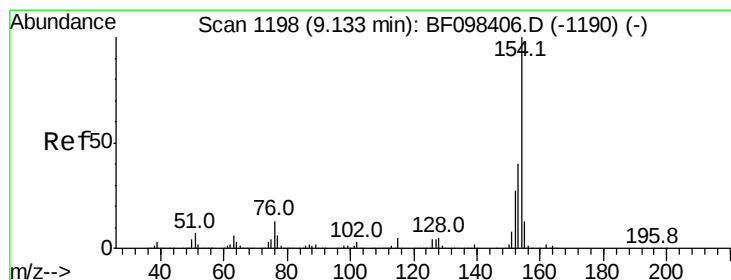
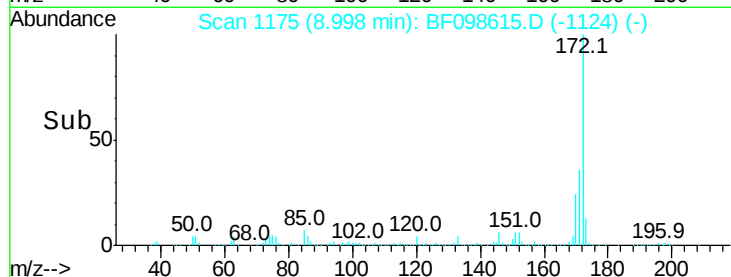
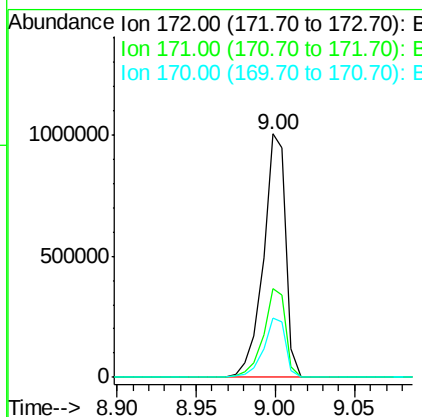
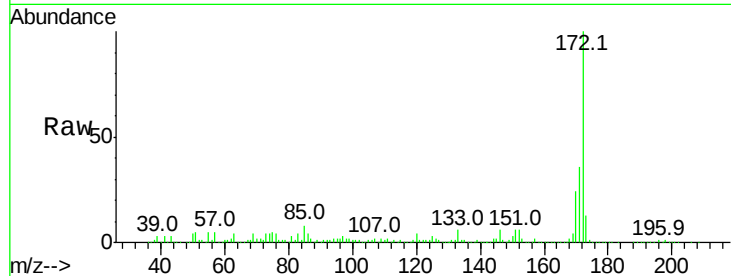
#44
2-Fluorobiphenyl
Concen: 94.645 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	991070		
171	36.3		29.6	44.4
170	24.2		19.8	29.8

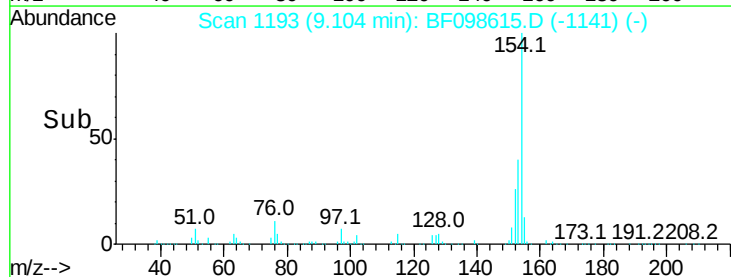
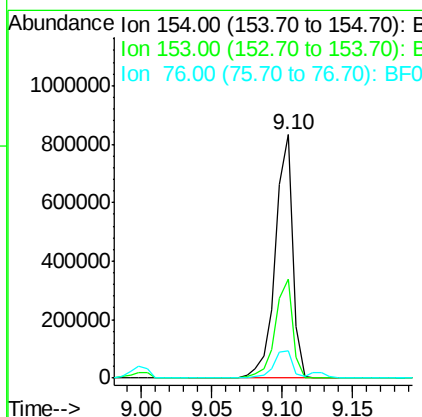
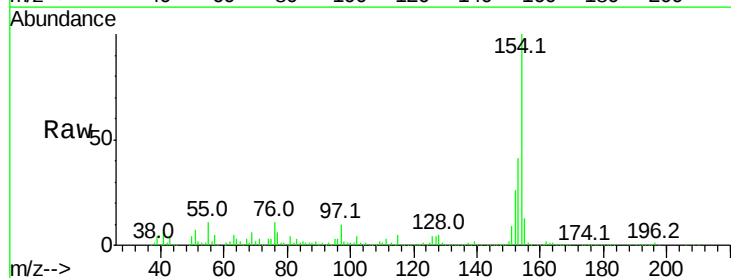
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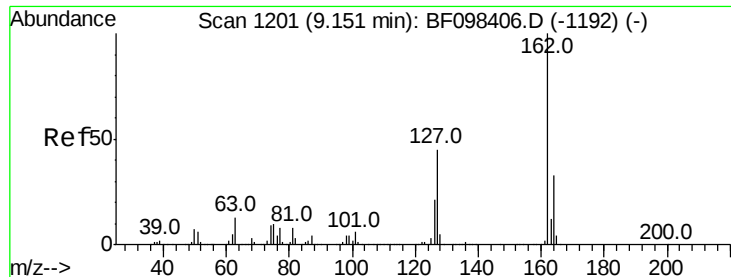
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#45
1,1'-Biphenyl
Concen: 45.140 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	717088		
153	40.5		21.2	61.2
76	11.2		0.0	29.9





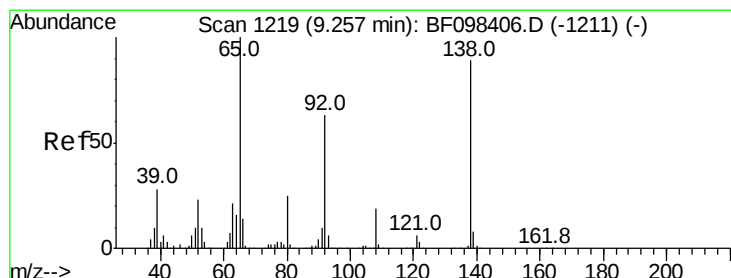
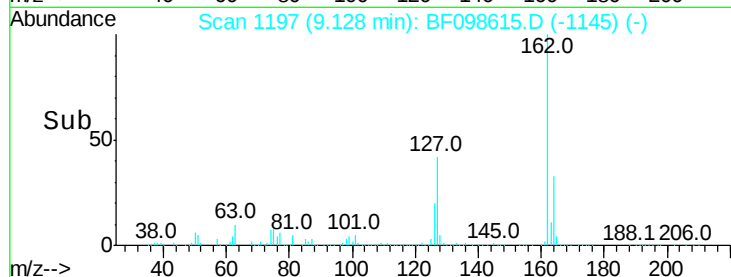
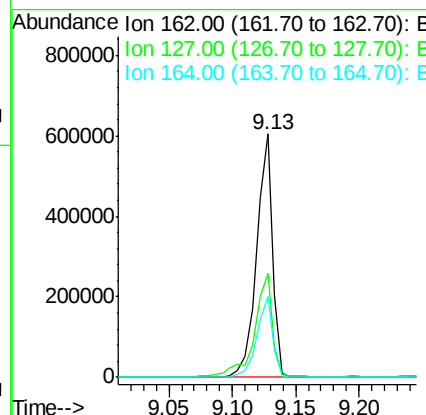
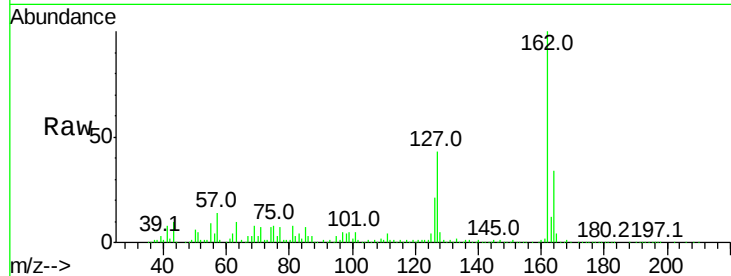
#46
 2-Chloronaphthalene
 Concen: 47.041 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.8	28.3	42.5#	
164	33.5	27.0	40.4	

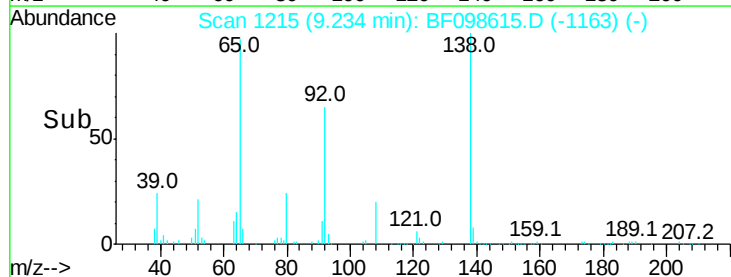
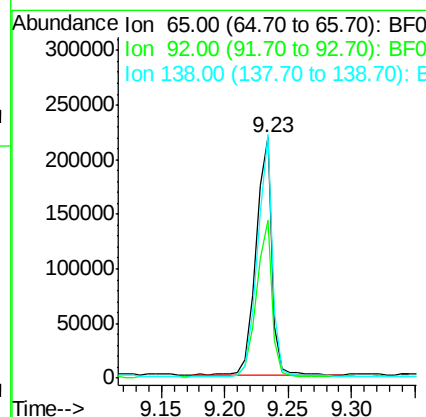
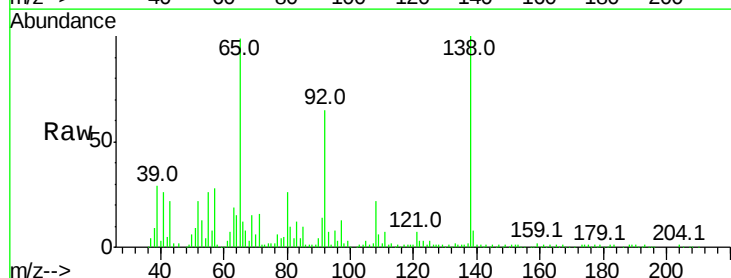
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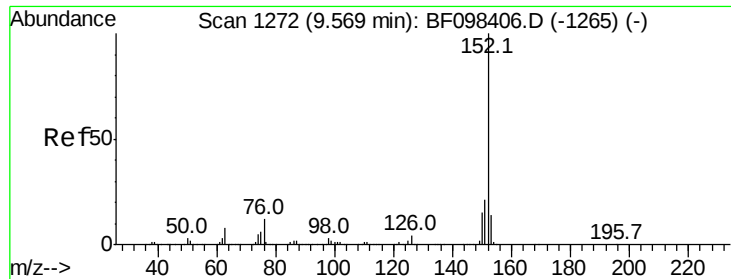
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#47
 2-Nitroaniline
 Concen: 44.249 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.5	53.9	80.9	
138	101.2	78.8	118.2	





#48

Acenaphthylene

Concen: 43.149 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

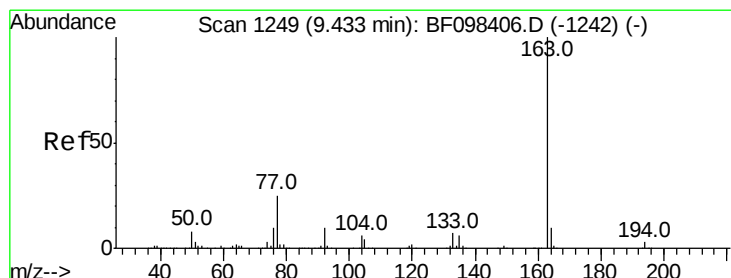
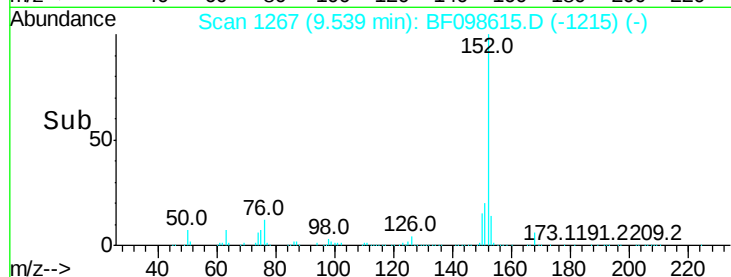
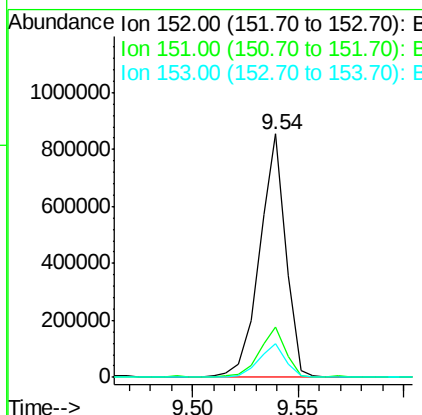
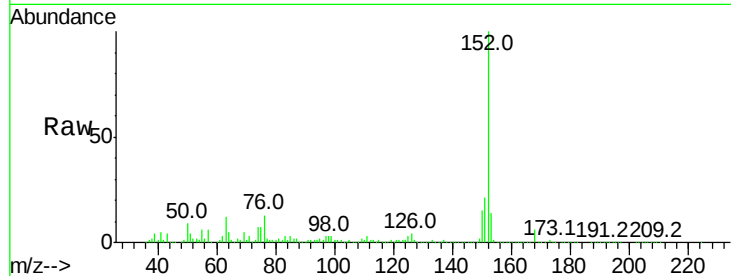
ClientSampleId :

TP-5D46MSD

Tot Ion:	152	Resp:	727868
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	14.0	10.8	16.2

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#49

Dimethylphthalate

Concen: 58.113 ng

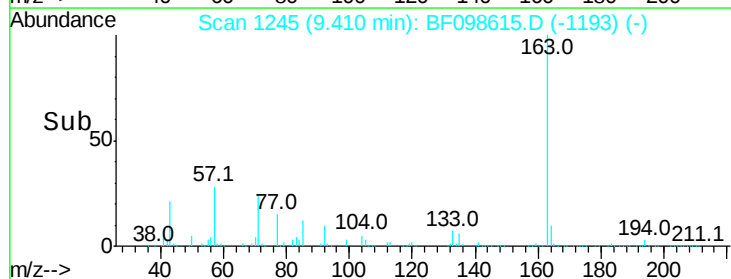
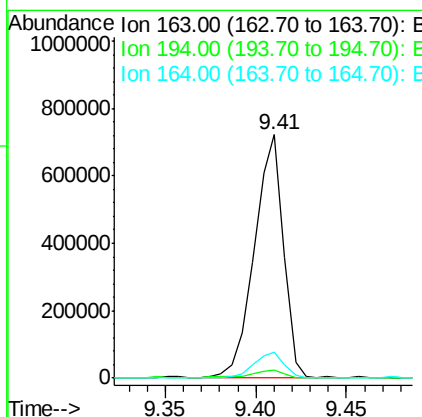
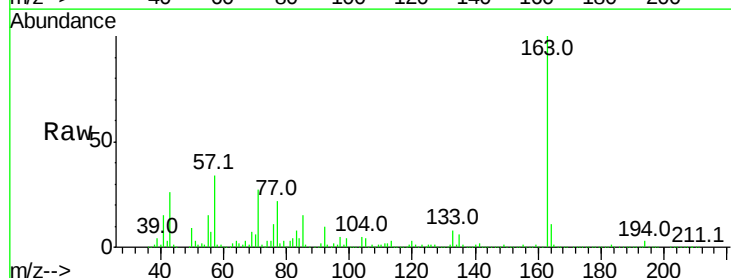
RT: 9.41 min Scan# 1245

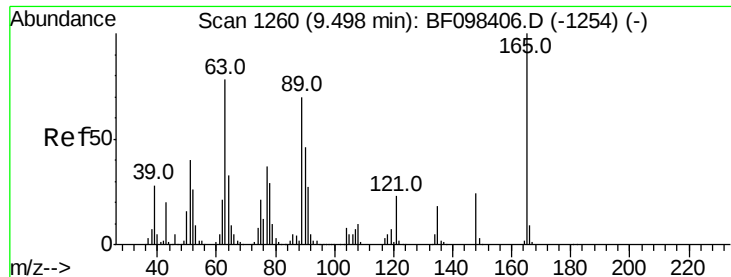
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	163	Resp:	798394
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6





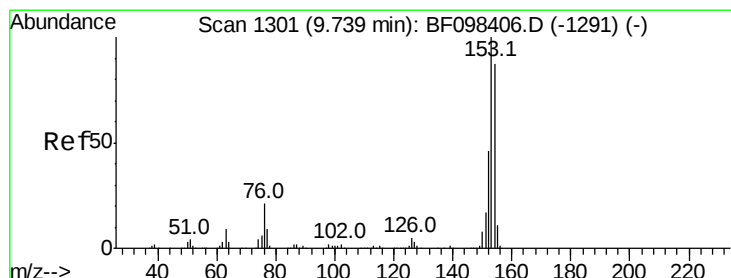
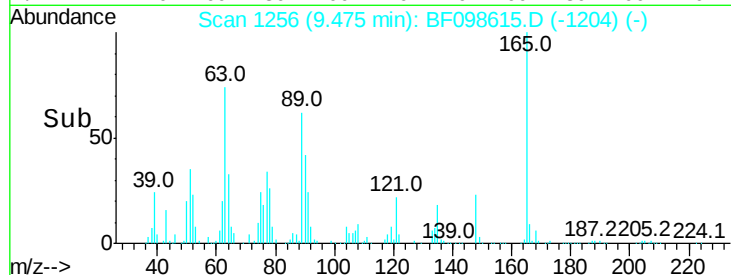
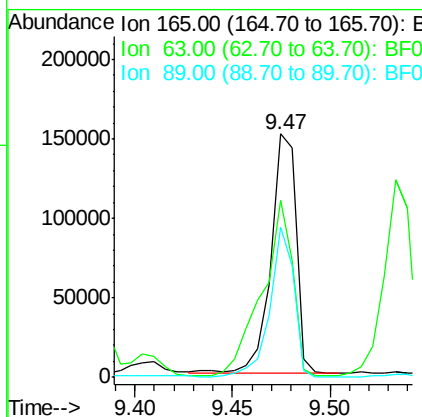
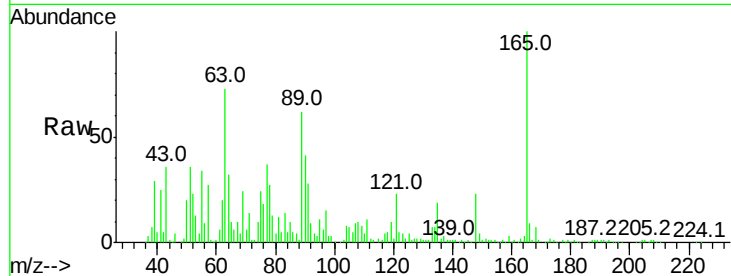
#50
2,6-Dinitrotoluene
Concen: 48.272 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.7	34.3	51.5#	
89	61.6	37.1	55.7#	

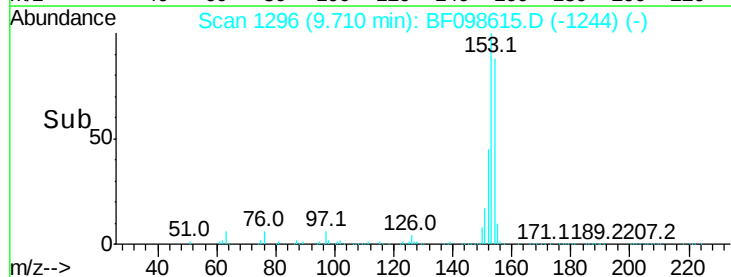
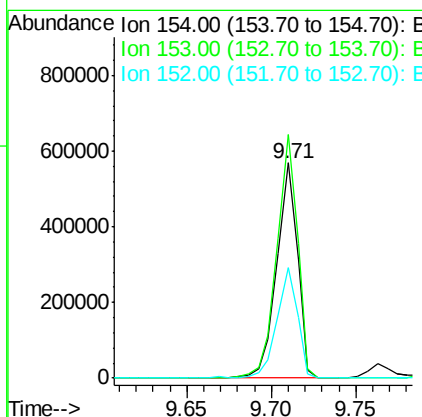
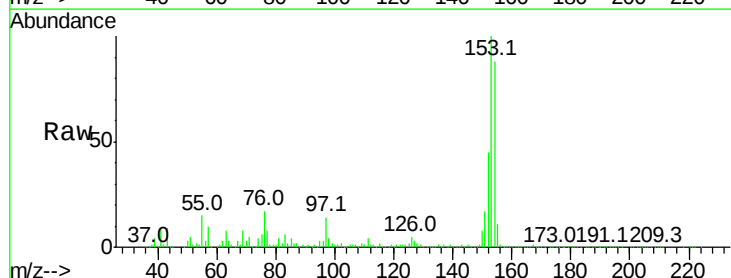
Manual Integrations
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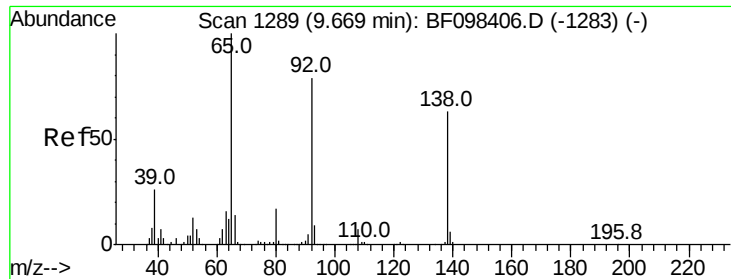
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#51
Acenaphthene
Concen: 44.948 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.3	90.5	135.7	
152	51.4	43.6	65.4	





#52

3-Nitroaniline

Concen: 29.090 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

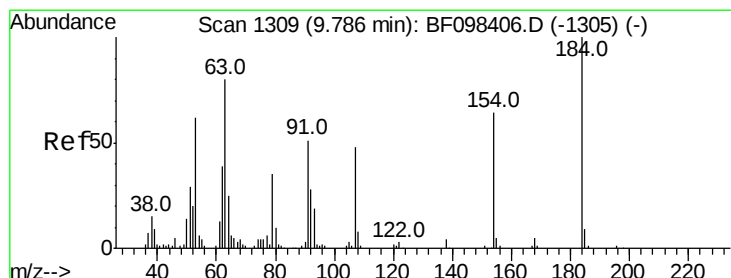
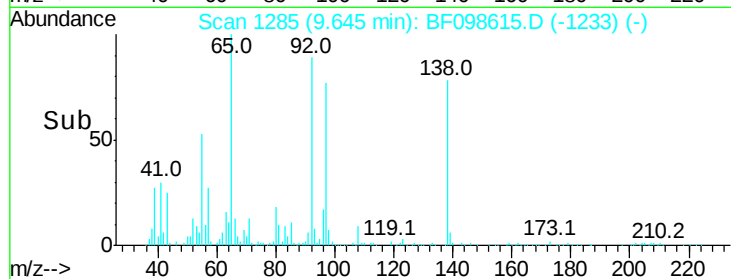
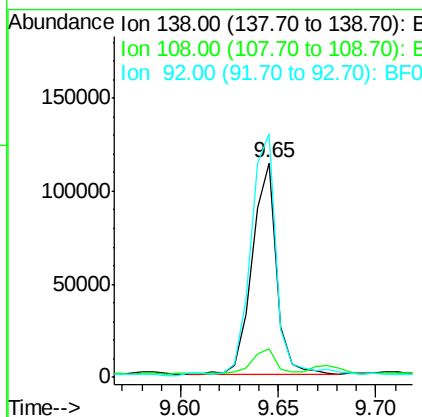
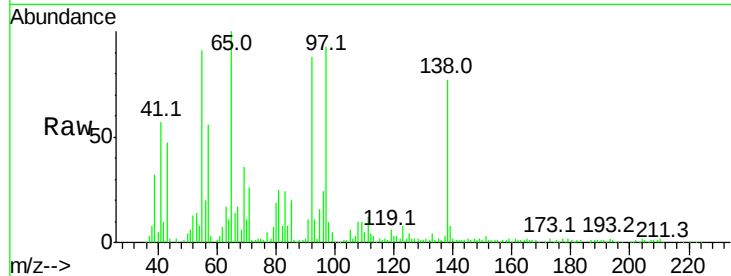
ClientSampleId :

TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	9.1	13.7
92	113.7	93.8	140.6

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#53

2,4-Dinitrophenol

Concen: 45.520 ng

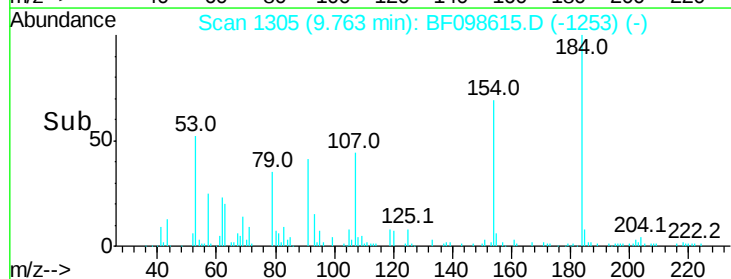
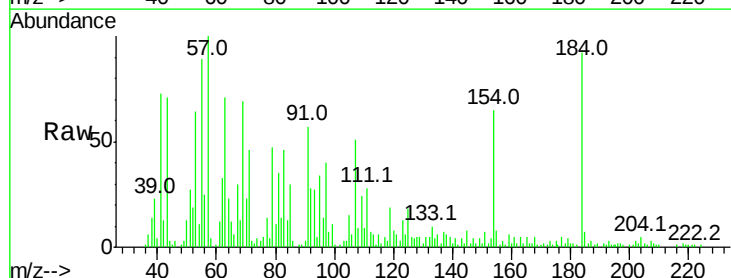
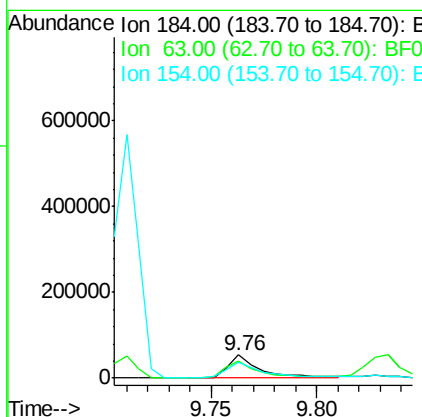
RT: 9.76 min Scan# 1305

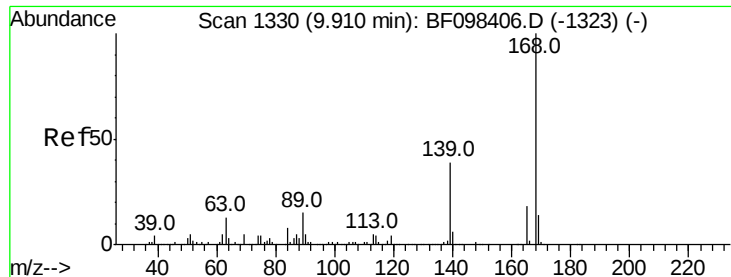
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.2	62.7	94.1
154	70.8	81.1	121.7#





#54

Dibenzofuran

Concen: 48.319 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

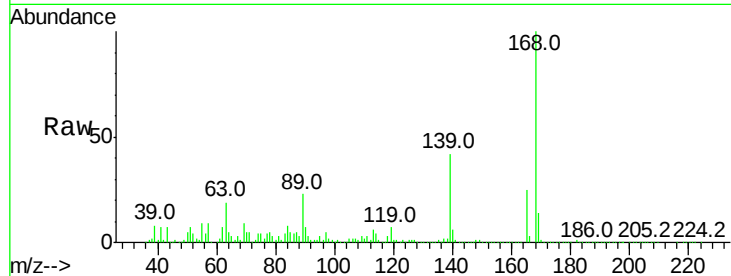
ClientSampleId :

TP-5D46MSD

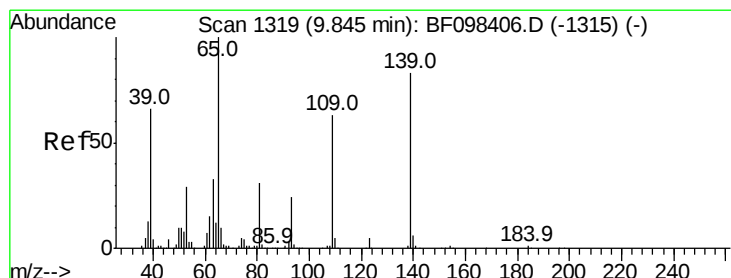
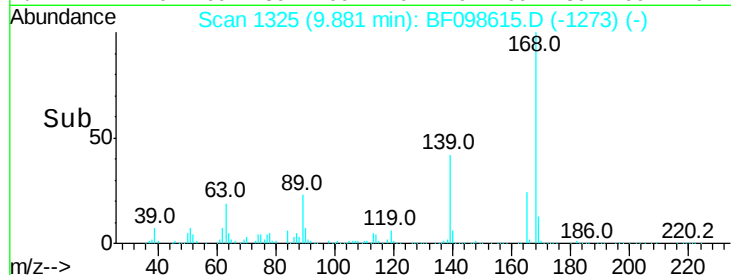
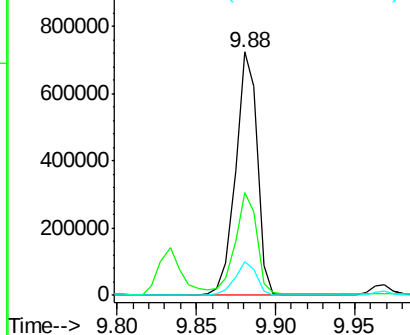
Tot Ion:	168	Resp:	682573
Ion Ratio	Lower	Upper	
168	100		
139	42.3	30.6	45.8
169	13.7	10.8	16.2

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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: 71.270 ng

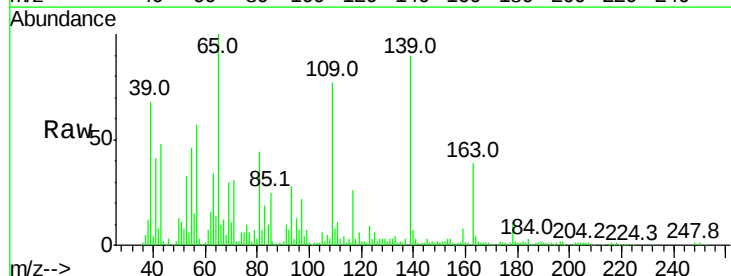
RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

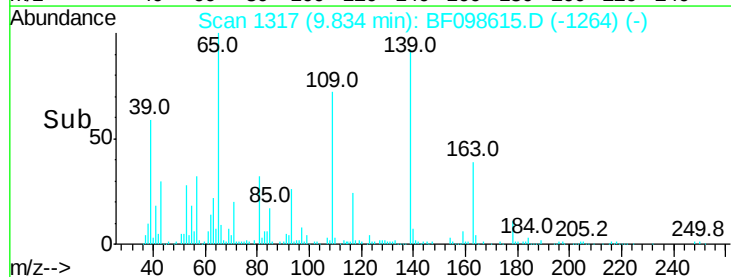
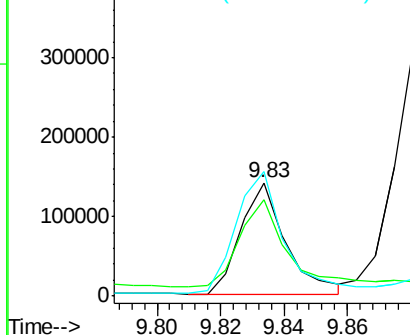
Lab File: BF098615.D

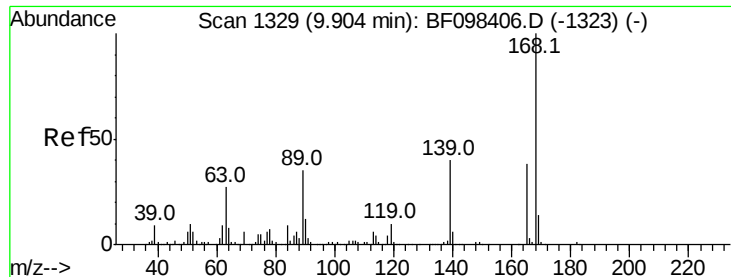
Acq: 18 Sep 2017 21:24

Tgt Ion:	139	Resp:	139489
Ion Ratio	Lower	Upper	
139	100		
109	85.1	34.1	74.1#
65	110.5	31.4	71.4#



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: 48.556 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampleId :

TP-5D46MSD

Tot Ion:165 Resp: 166590
Ion Ratio Lower Upper

165 100

63 79.1 25.4 38.0#

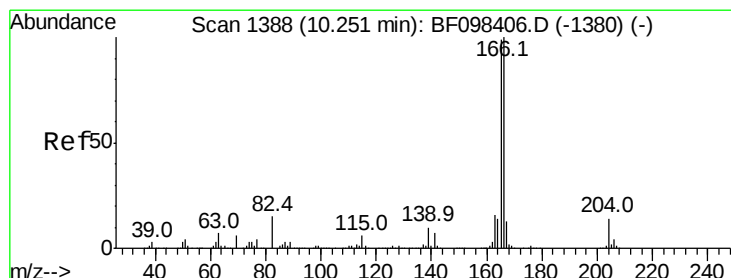
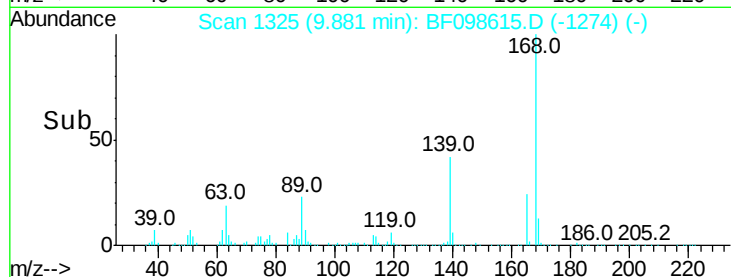
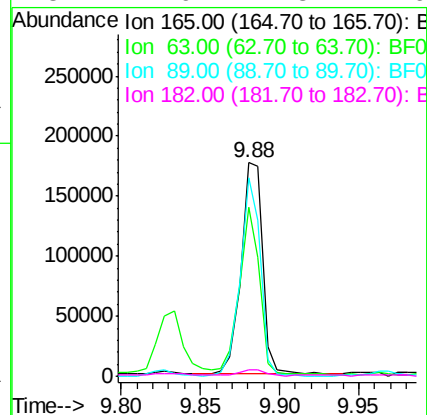
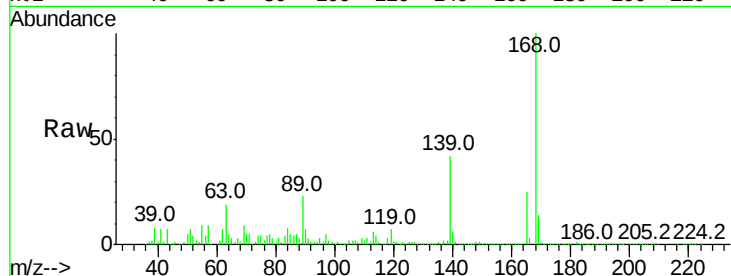
89 92.7 46.4 69.6#

182 2.9 1.8 2.6#

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#57

Fluorene

Concen: 44.796 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF098615.D

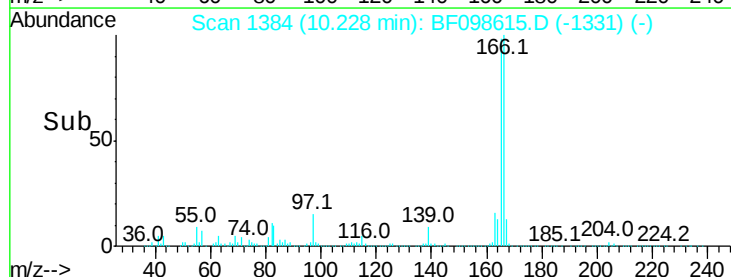
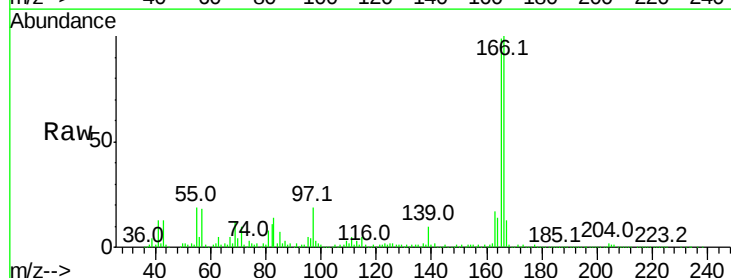
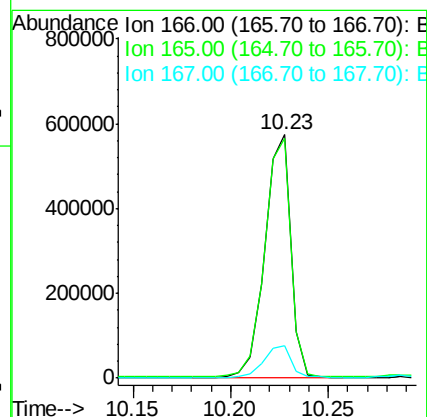
Acq: 18 Sep 2017 21:24

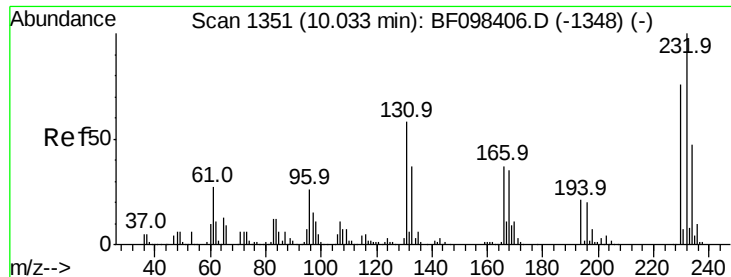
Tgt Ion:166 Resp: 523771
Ion Ratio Lower Upper

166 100

165 98.7 78.8 118.2

167 13.1 10.6 16.0





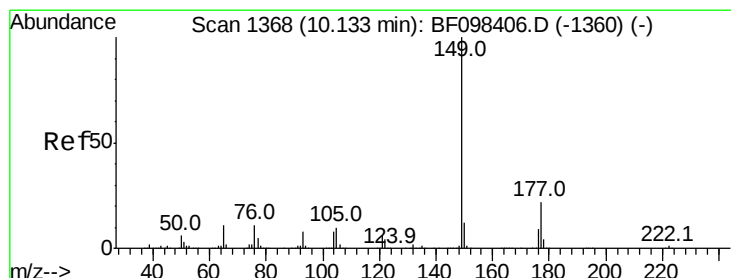
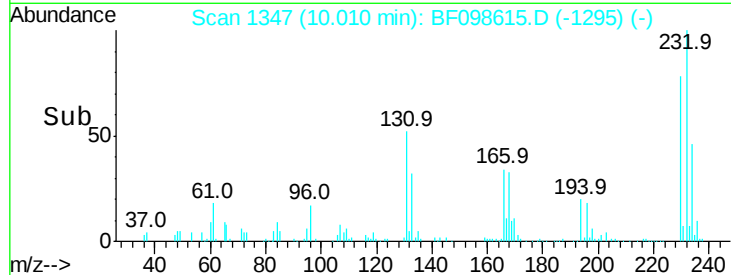
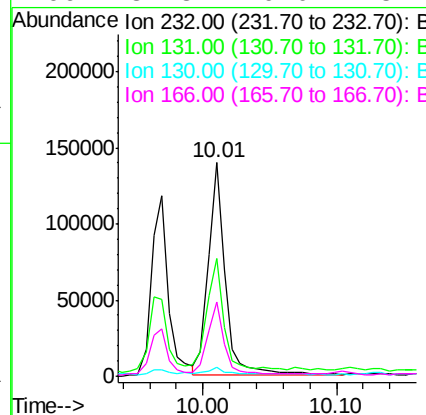
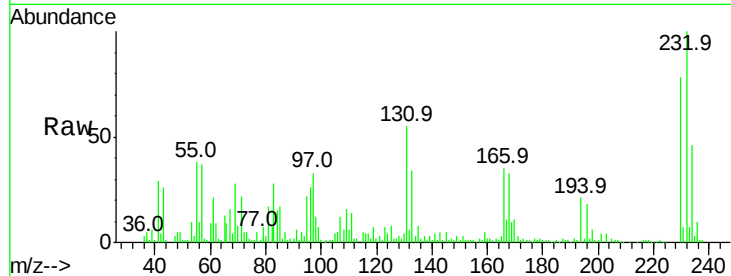
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.571 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	124479		
131	49.1	44.8	67.2	
130	3.5	2.3	3.5	
166	31.3	29.0	43.4	

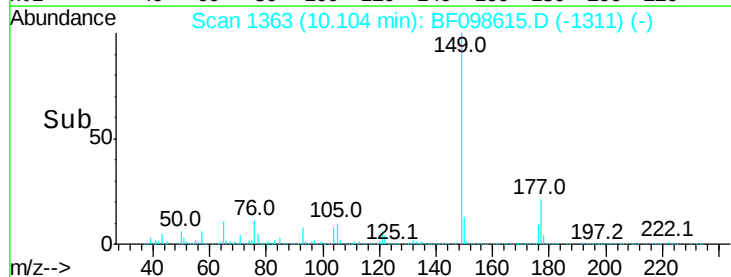
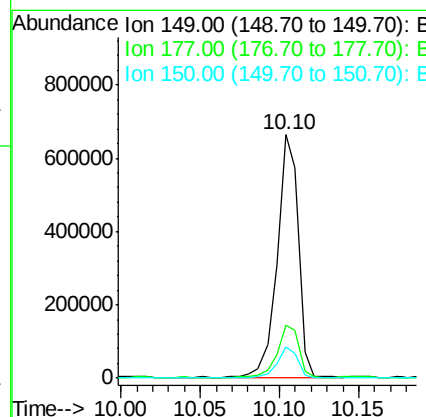
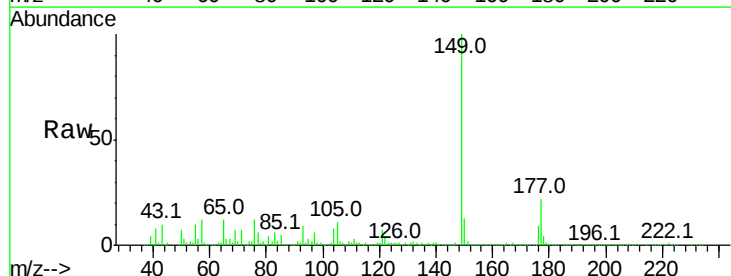
Manual Integrations
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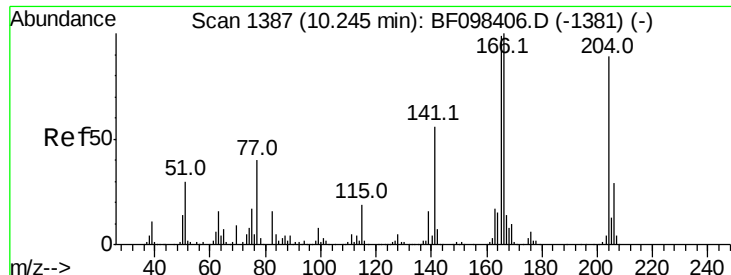
Sohil
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#59
 Diethylphthalate
 Concen: 46.976 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	613781		
177	21.6	16.7	25.1	
150	12.7	10.2	15.2	





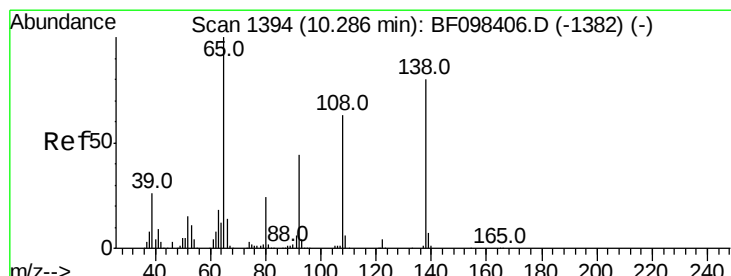
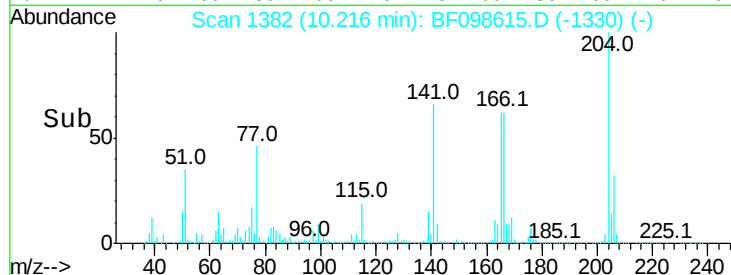
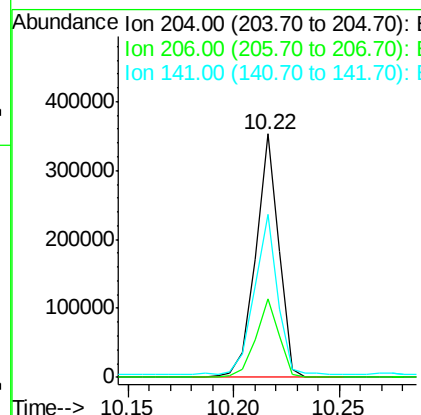
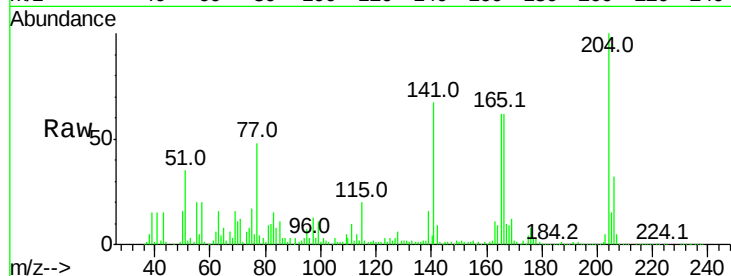
#60
 4-Chlorophenyl-phenylether
 Concen: 49.796 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion:	204	Resp:	268925
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.2	39.2
141	66.9	60.8	91.2

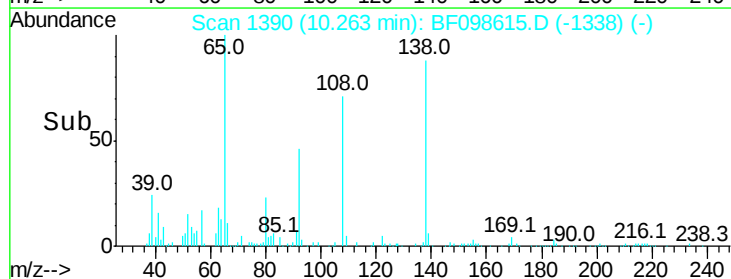
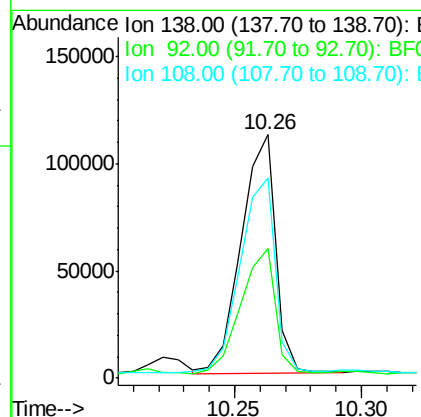
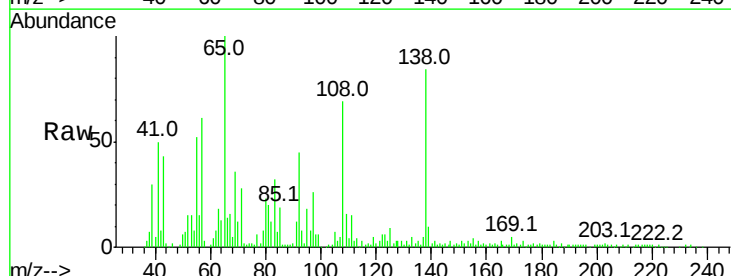
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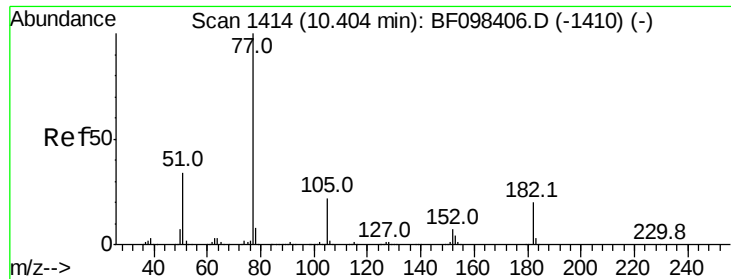
Sohil
 9/19/2017 5:31:57 PM



#61
 4-Nitroaniline
 Concen: 30.325 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion:	138	Resp:	104328
Ion Ratio	Lower	Upper	
138	100		
92	53.2	21.8	61.8
108	82.1	42.3	82.3





#62

Azobenzene

Concen: 40.226 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

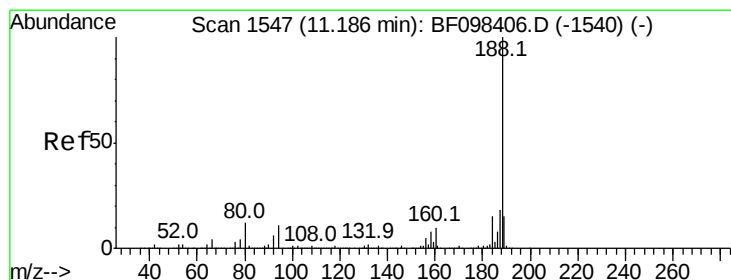
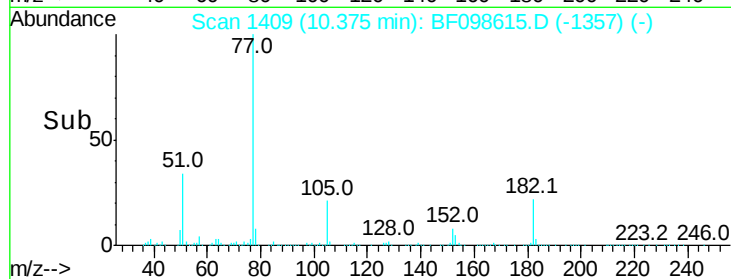
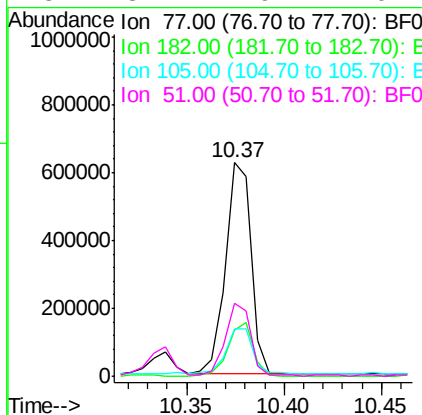
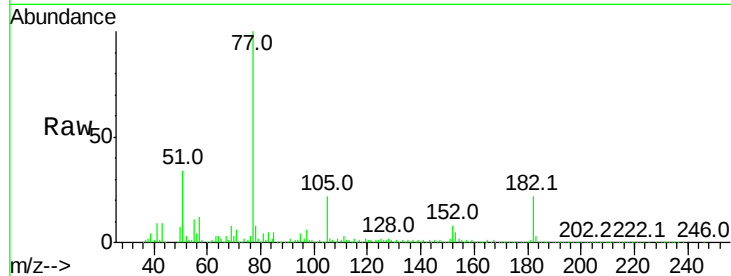
ClientSampleId :

TP-5D46MSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.7	0.1	40.1	
105	22.1	3.6	43.6	
51	34.1	9.4	49.4	

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#63

Phenanthrene-d10

Concen: 20.000 ng

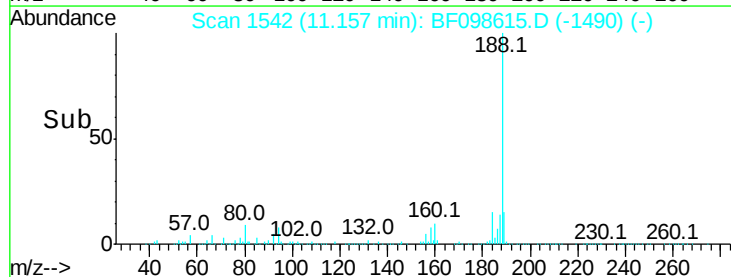
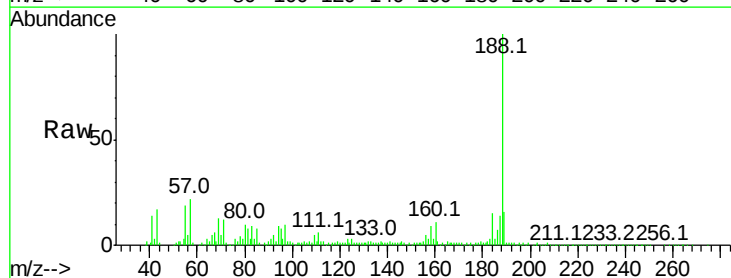
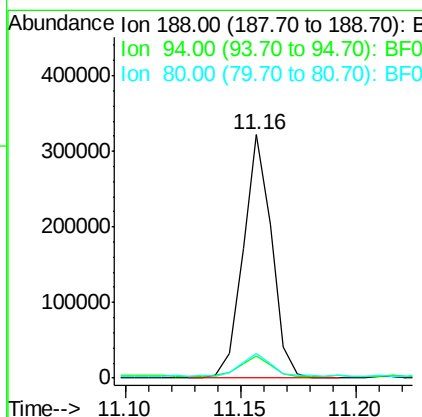
RT: 11.16 min Scan# 1542

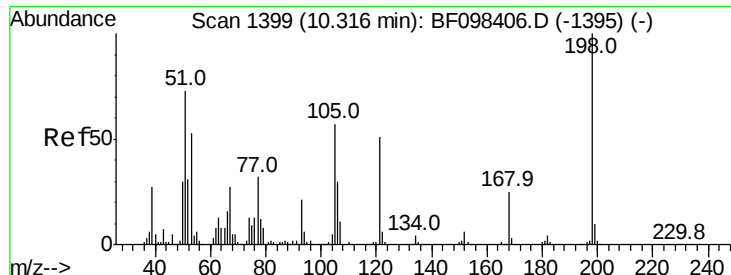
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	9.4	14.2#	
80	10.0	10.2	15.2#	





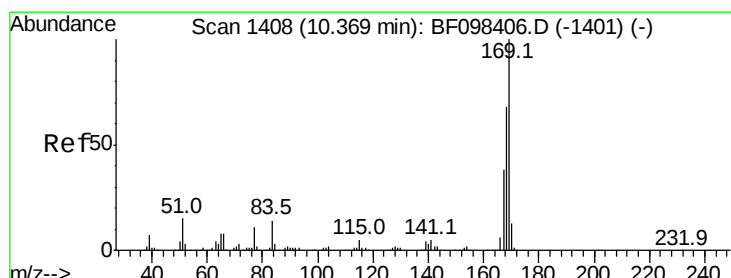
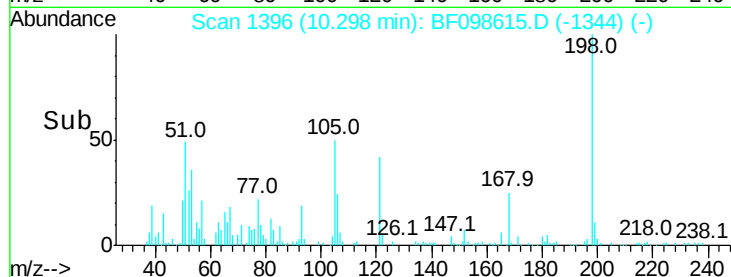
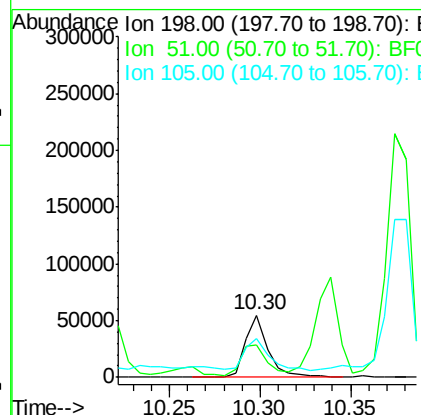
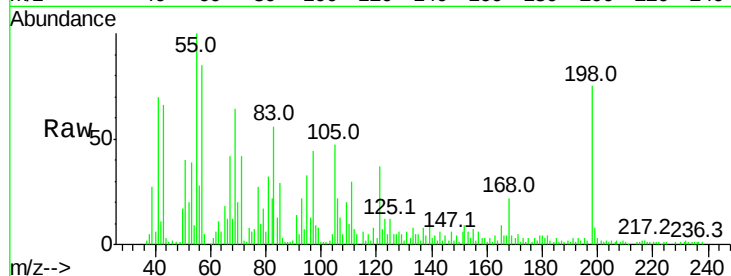
#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.698 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.9	53.2	93.2#
105	62.5	45.8	85.8

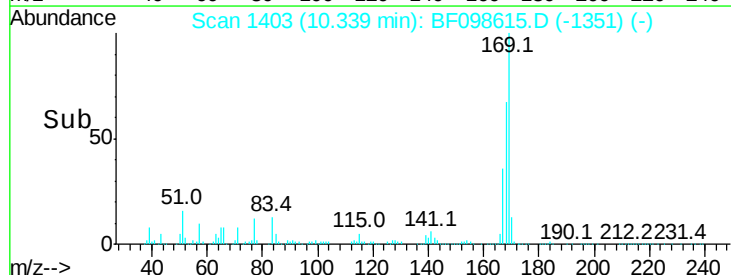
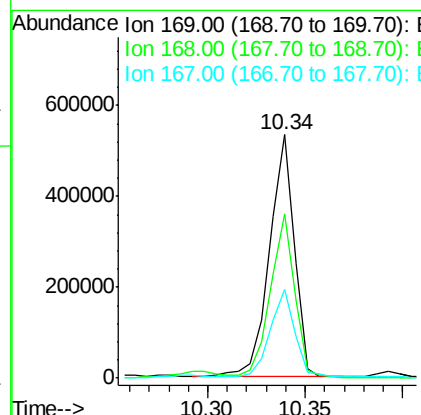
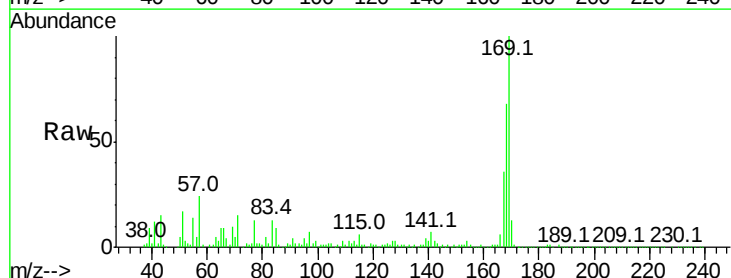
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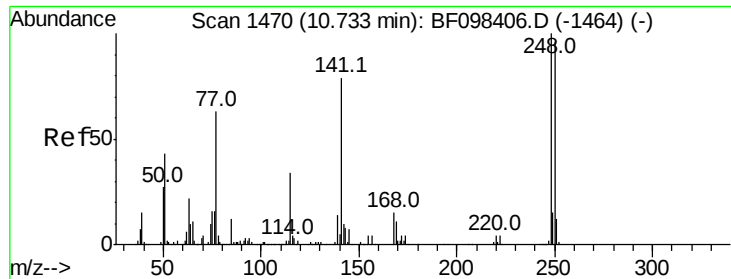
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#65
 n-Nitrosodiphenylamine
 Concen: 52.860 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	36.3	29.5	44.3





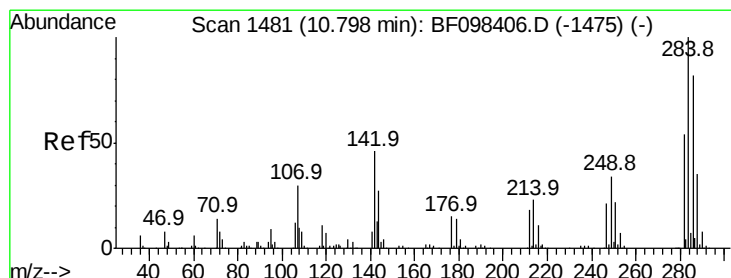
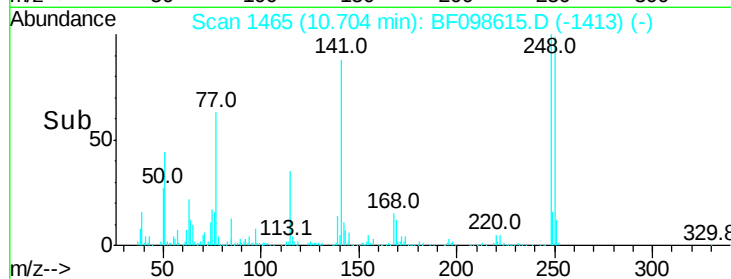
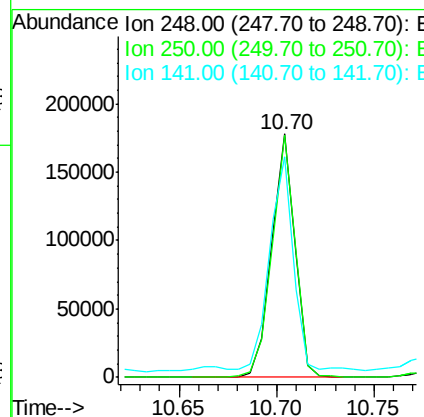
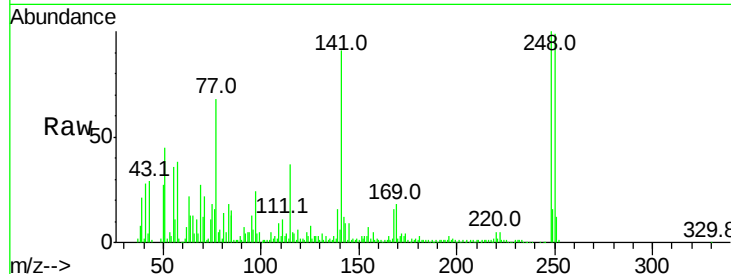
#66
4-Bromophenyl-phenylether
Concen: 56.558 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.8	115.2
141	90.7	68.6	103.0

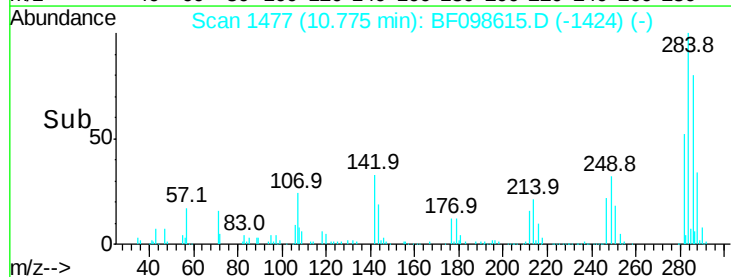
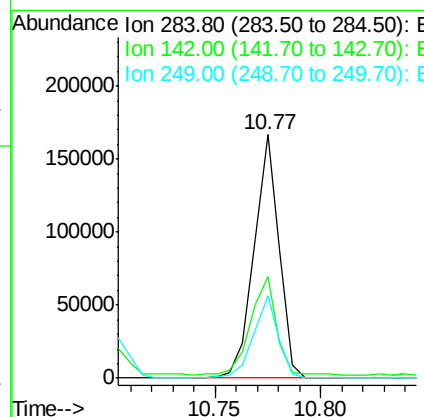
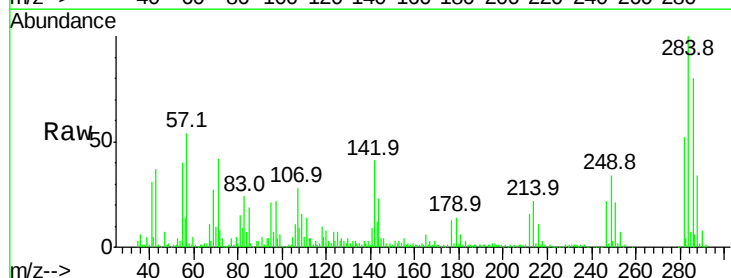
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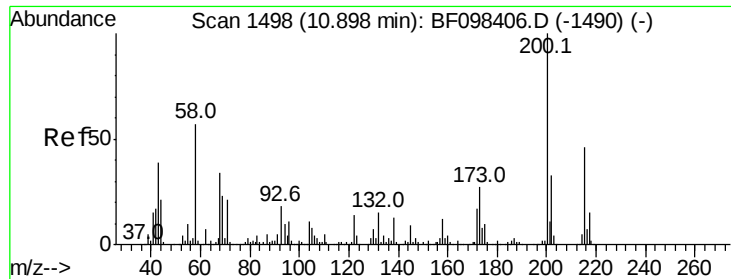
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#67
Hexachlorobenzene
Concen: 51.815 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.5	22.8	34.2#
249	33.7	24.0	36.0





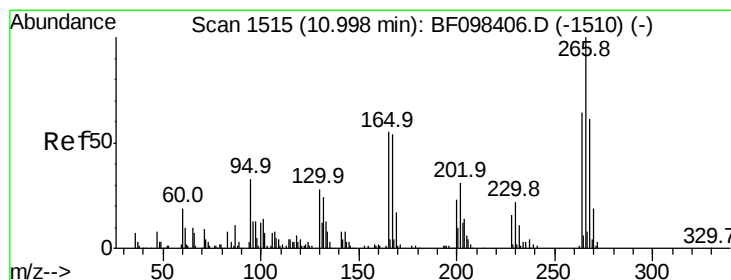
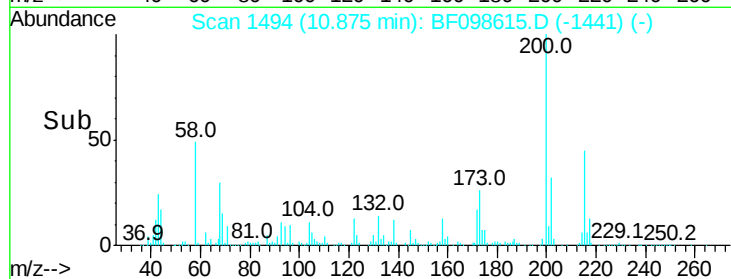
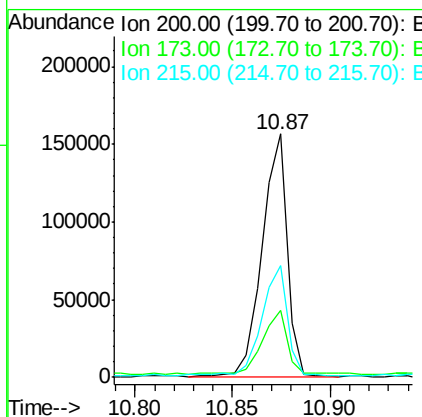
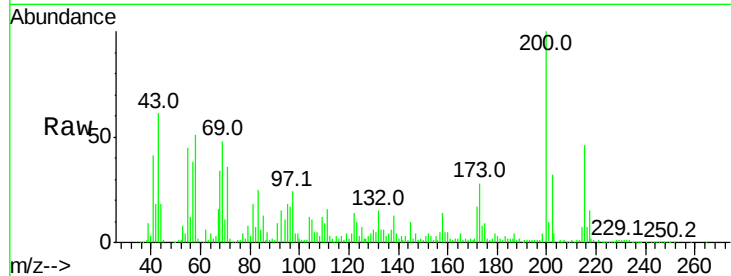
#68
 Atrazine
 Concen: 50.374 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion:	200	Resp:	138562
Ion Ratio	Lower	Upper	
200	100		
173	27.7	6.3	46.3
215	45.8	27.2	67.2

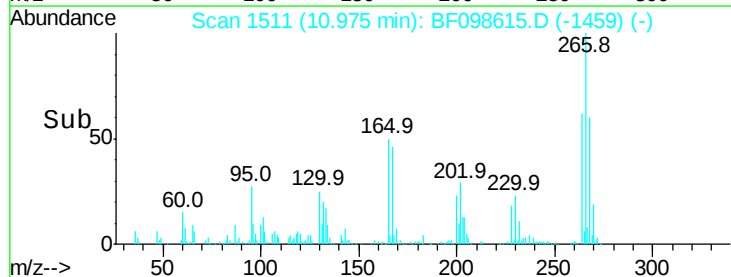
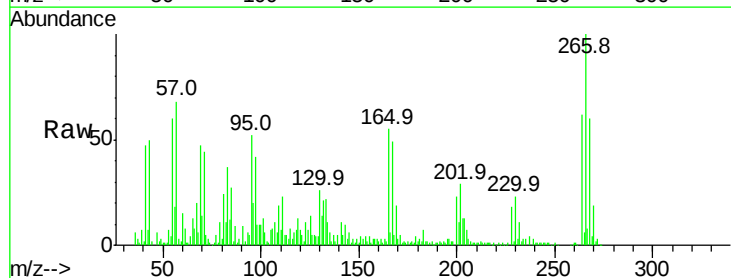
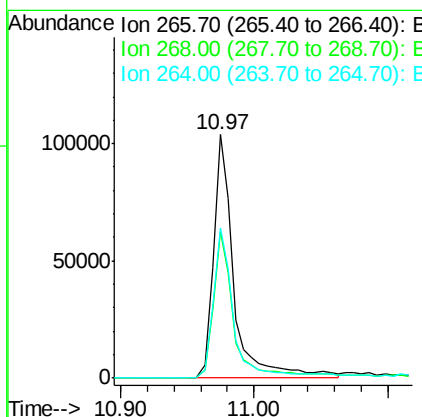
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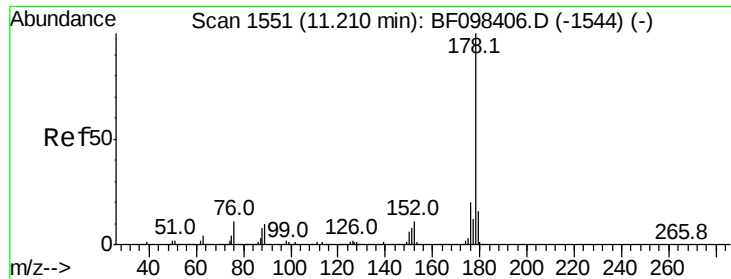
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#69
 Pentachlorophenol
 Concen: 94.032 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion:	266	Resp:	111828
Ion Ratio	Lower	Upper	
266	100		
268	60.1	51.1	76.7
264	61.5	51.7	77.5





#70

Phenanthrene

Concen: 47.469 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

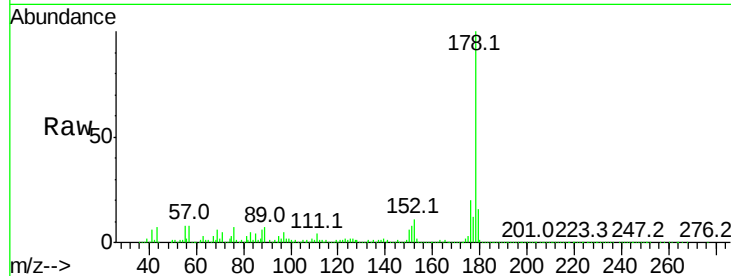
ClientSampled :

TP-5D46MSD

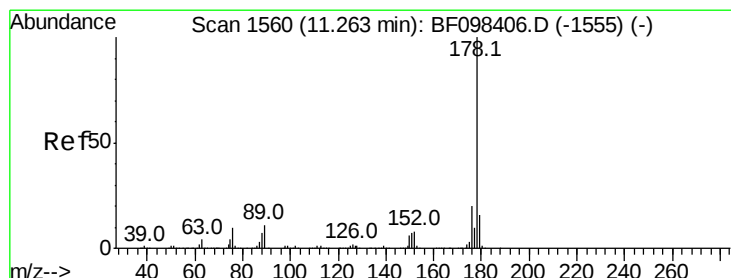
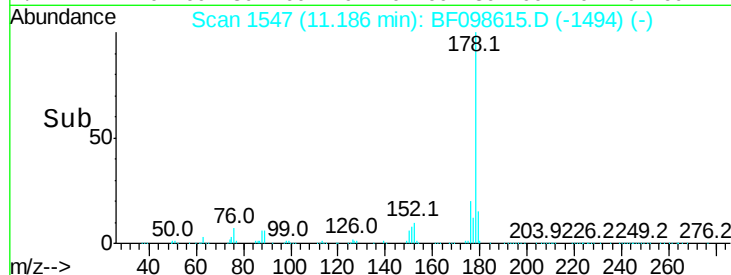
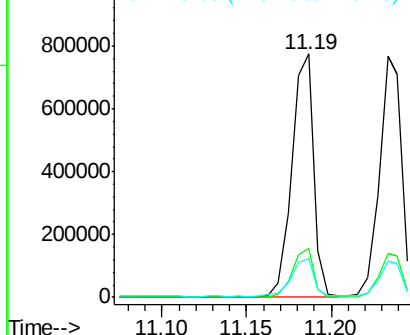
Tot Ion:178	Resp:	692461
Ion Ratio	Lower	Upper
178	100	
176	20.0	16.2 24.4
179	15.7	12.6 19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 46.592 ng

RT: 11.23 min Scan# 1555

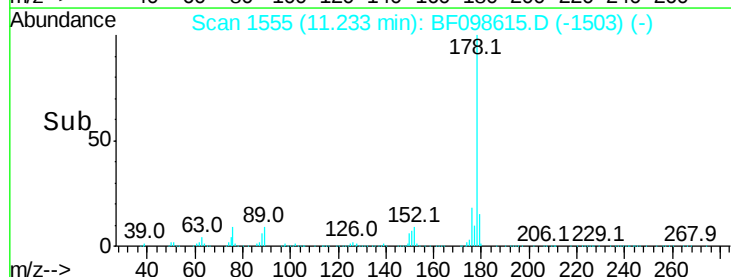
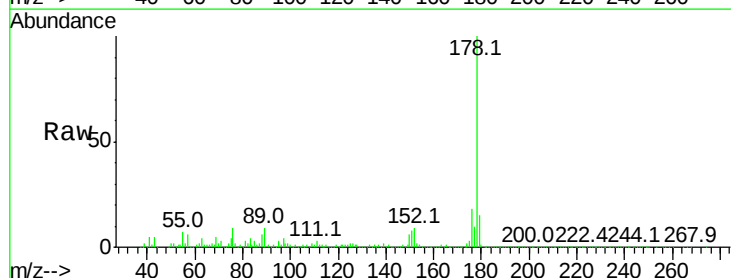
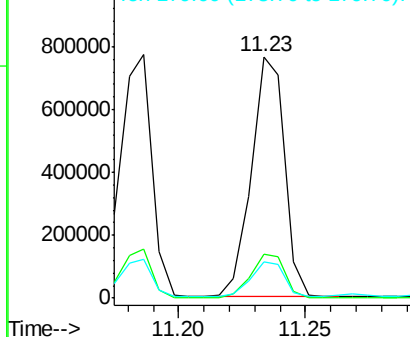
Delta R.T. 0.01 min

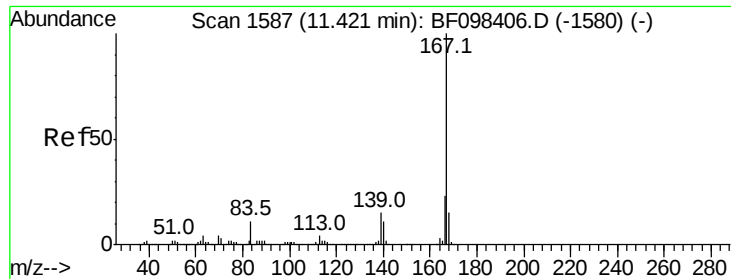
Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:178	Resp:	697805
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.8 23.8
179	15.3	12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.161 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

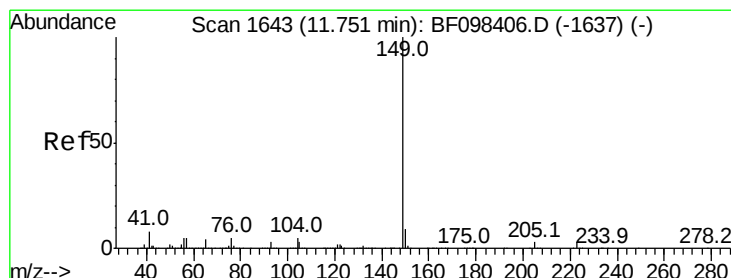
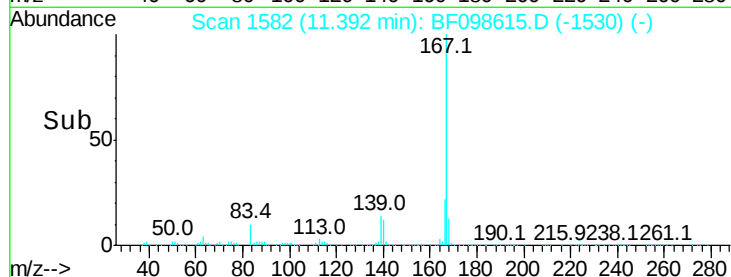
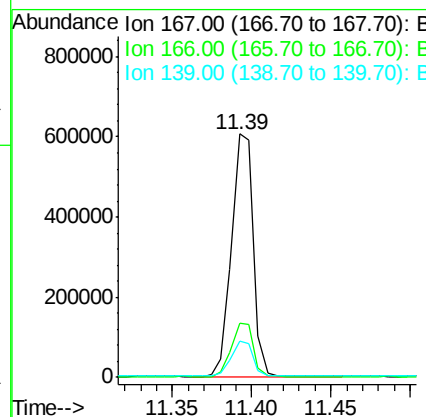
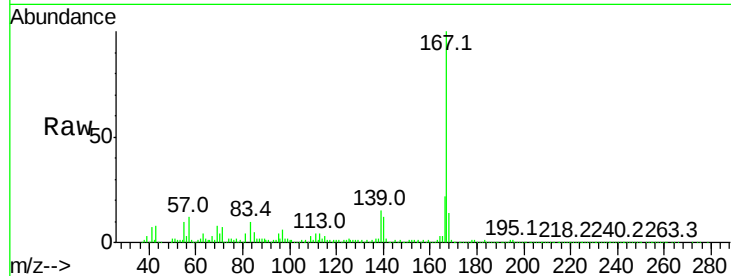
ClientSampleId :

TP-5D46MSD

Tot Ion:	167	Resp:	574522
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.1	27.1
139	14.9	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 51.981 ng

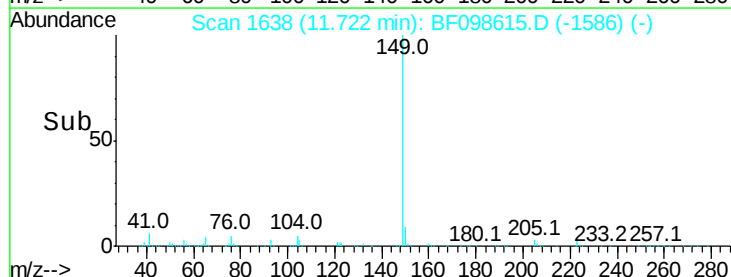
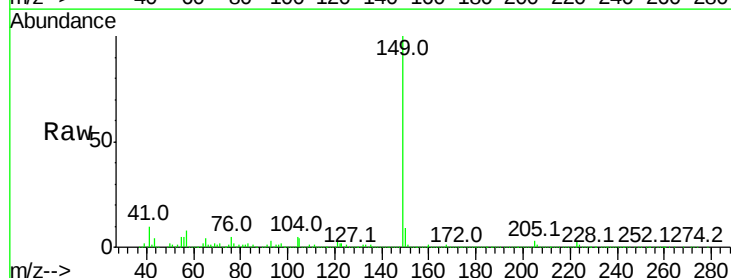
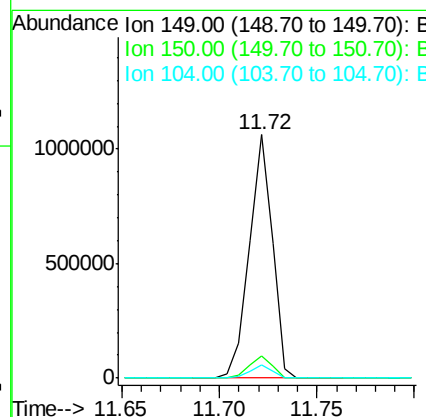
RT: 11.72 min Scan# 1638

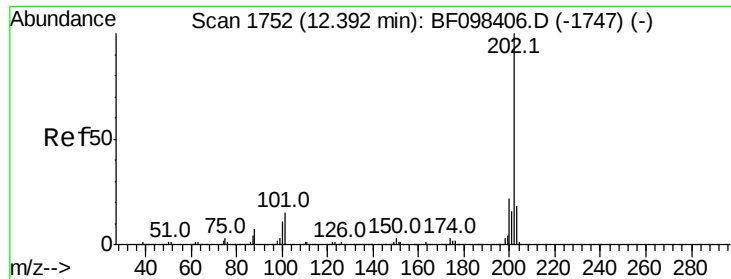
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	149	Resp:	869312
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	5.4	4.0	6.0





#74

Fluoranthene

Concen: 43.404 ng

RT: 12.37 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

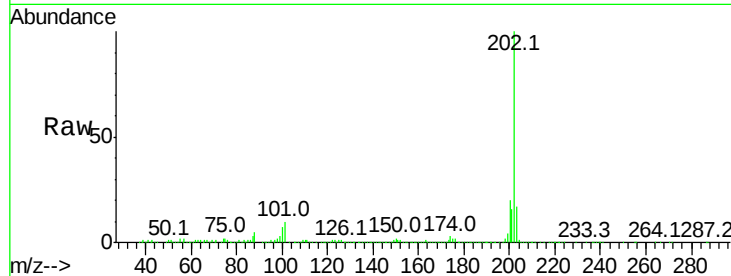
ClientSampleId :

TP-5D46MSD

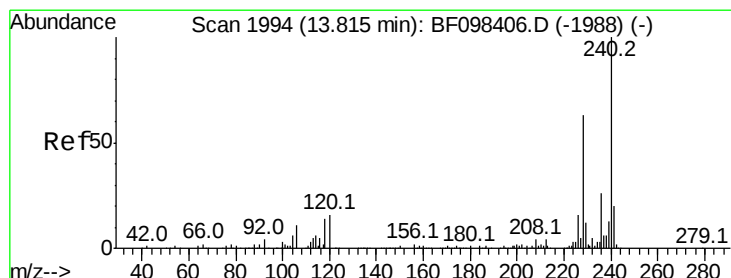
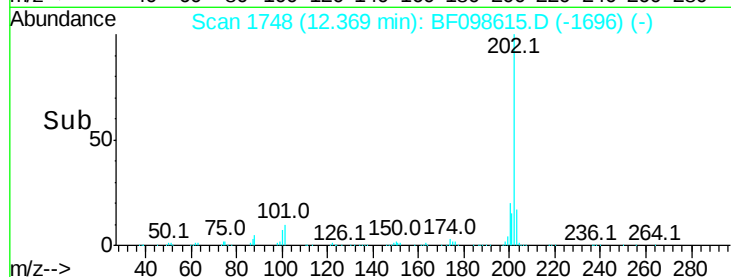
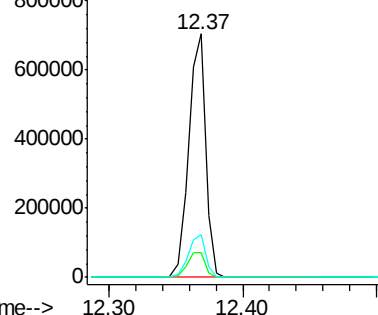
Tot Ion:	202	Resp:	633835
Ion Ratio		Lower	Upper
202	100		
101	9.9	0.0	33.2
203	17.3	0.0	38.1

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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: 13.79 min Scan# 1990

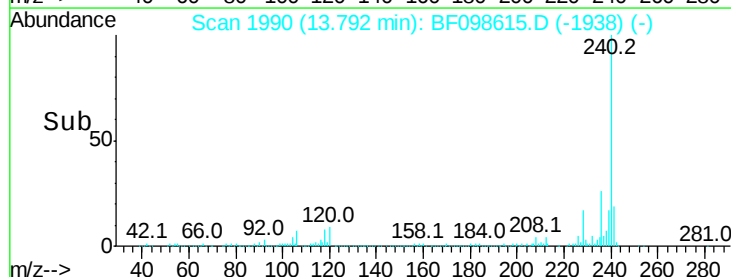
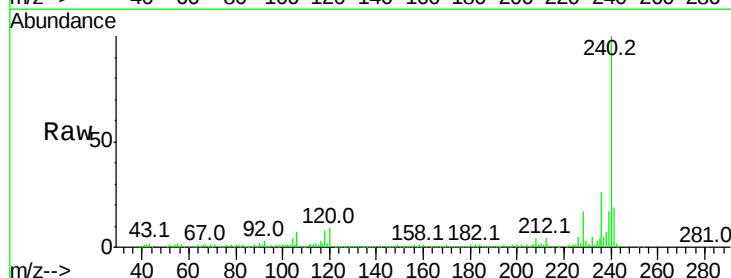
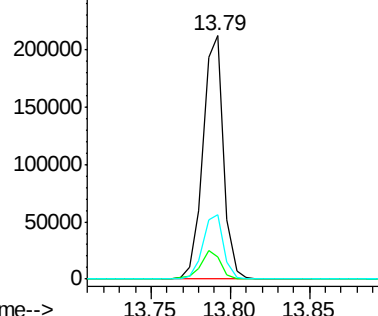
Delta R.T. 0.01 min

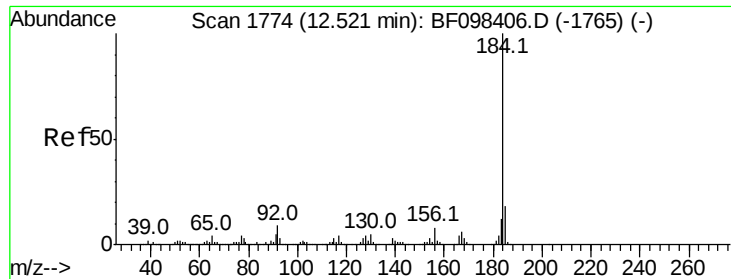
Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	240	Resp:	190561
Ion Ratio		Lower	Upper
240	100		
120	9.1	5.8	8.8#
236	26.3	20.5	30.7

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: 11.932 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

ClientSampled :

TP-5D46MSD

Tot Ion:184 Resp: 100627

Ion Ratio Lower Upper

184 100

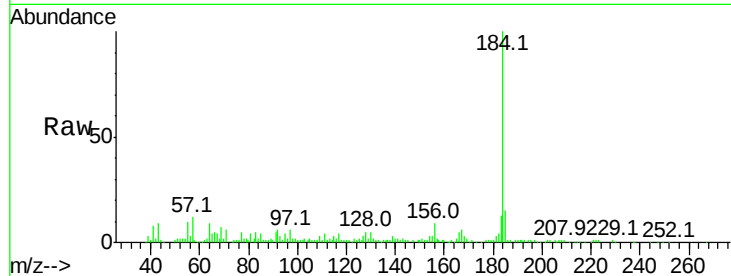
185 14.6 15.5 23.3#

183 13.1 9.8 14.6

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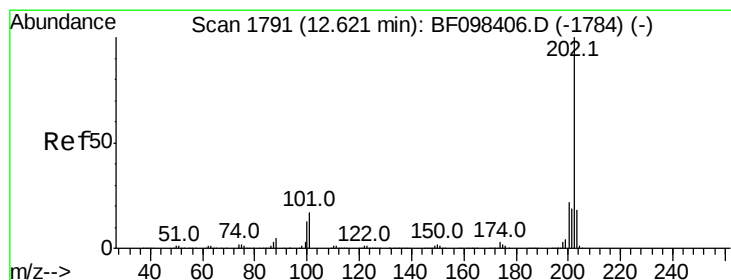
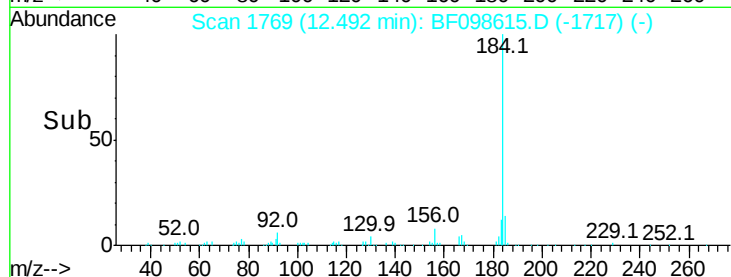
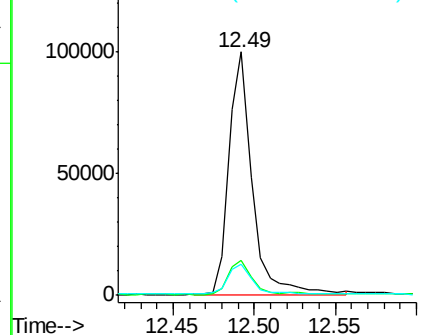
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 42.212 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

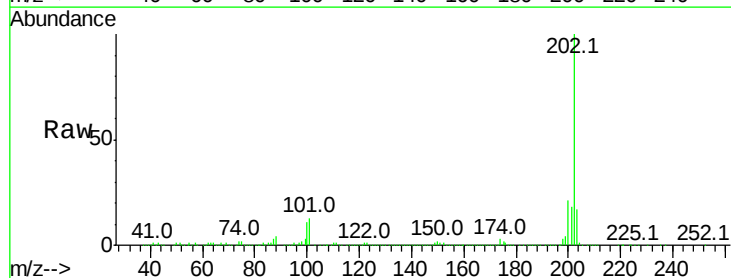
Tgt Ion:202 Resp: 634555

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

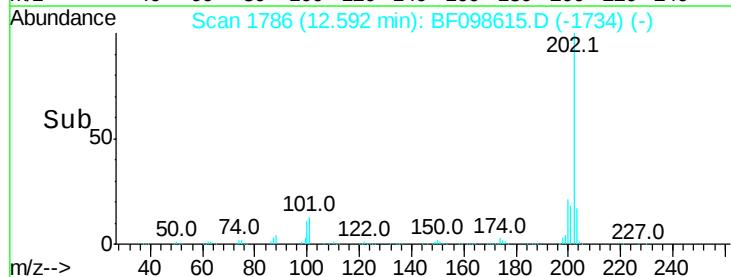
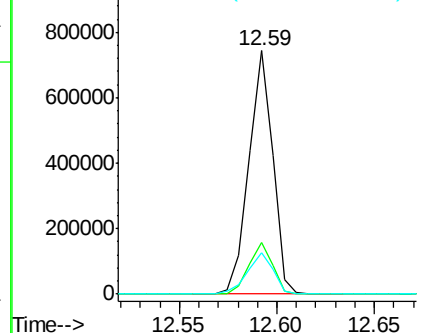
203 17.2 14.4 21.6

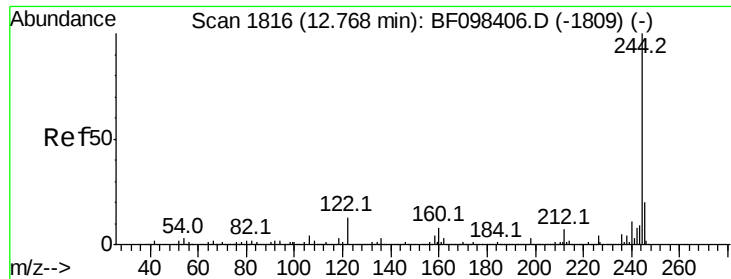


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





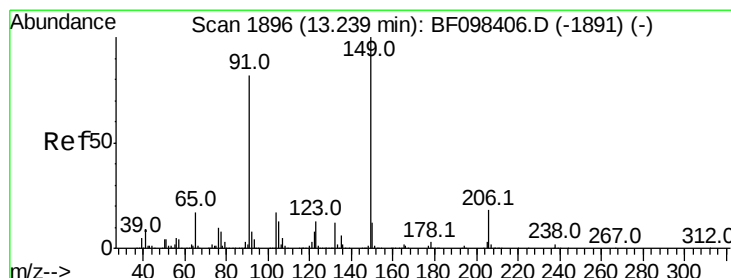
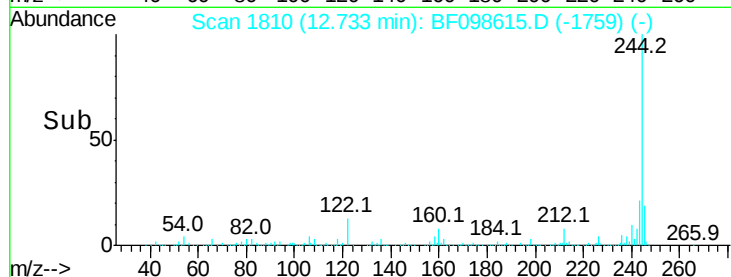
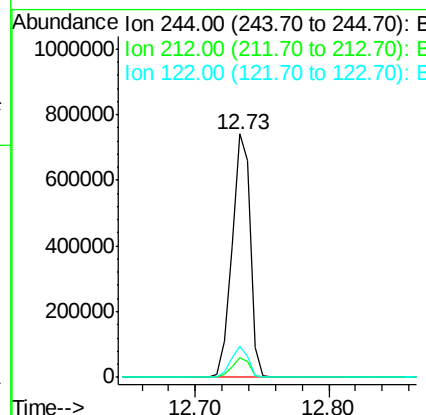
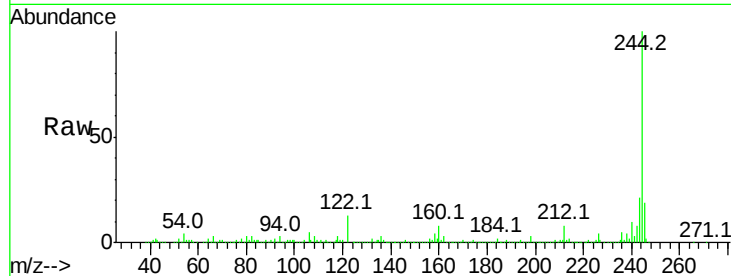
#78
 Terphenyl-d14
 Concen: 80.935 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	12.8	10.3	15.5

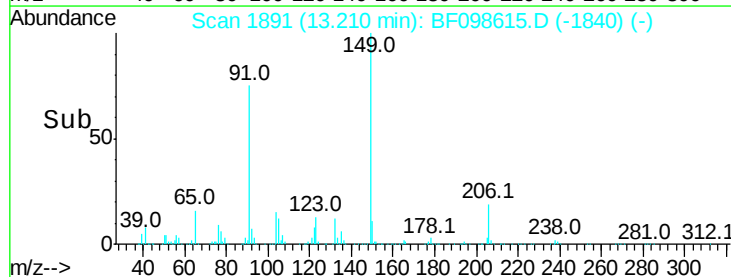
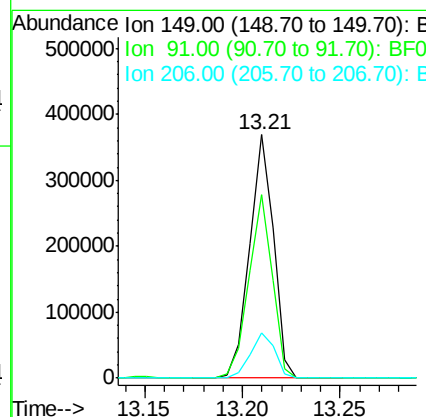
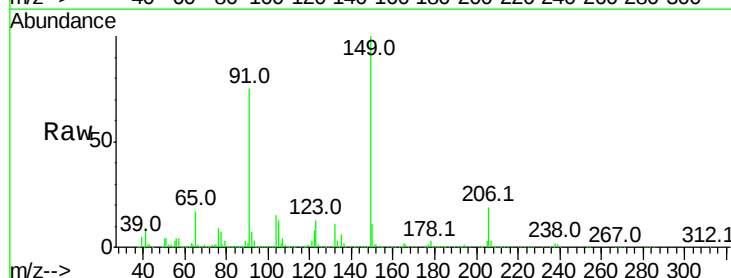
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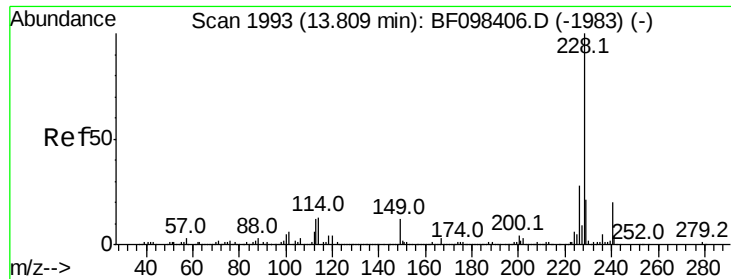
Sohil
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#79
 Butylbenzylphthalate
 Concen: 48.033 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BF098615.D
 Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.3	45.0	67.4#
206	18.7	17.0	25.6





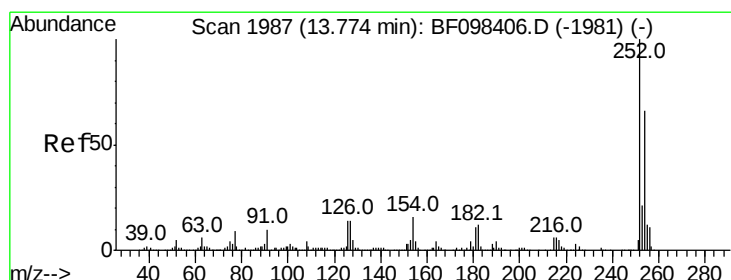
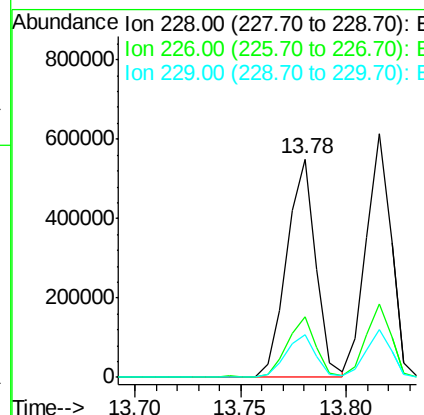
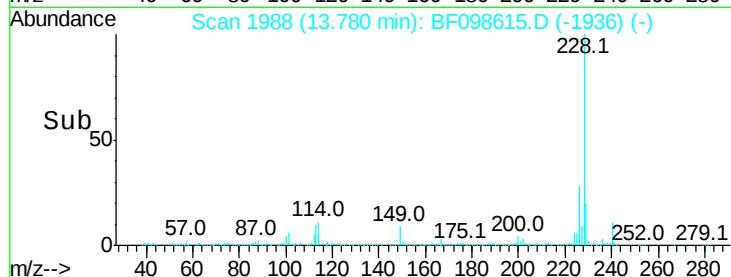
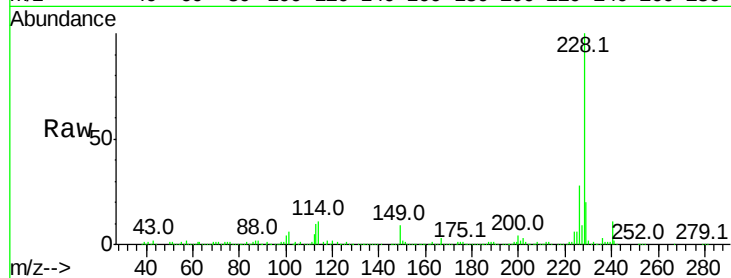
#80
Benzo(a)anthracene
Concen: 47.329 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.8	16.3	24.5

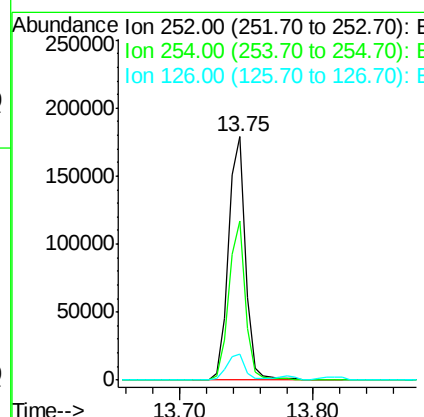
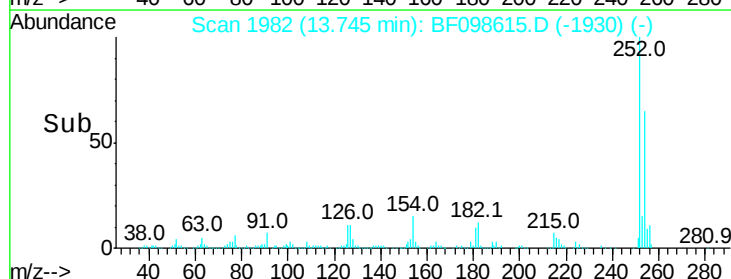
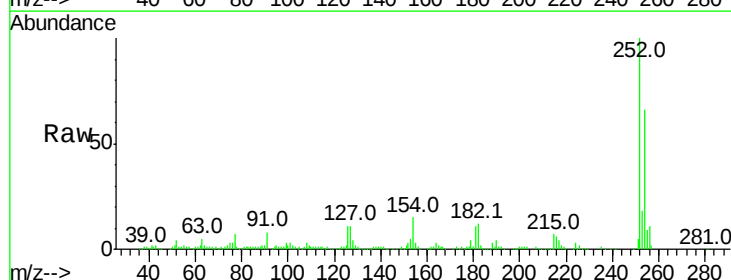
Manual Integrations
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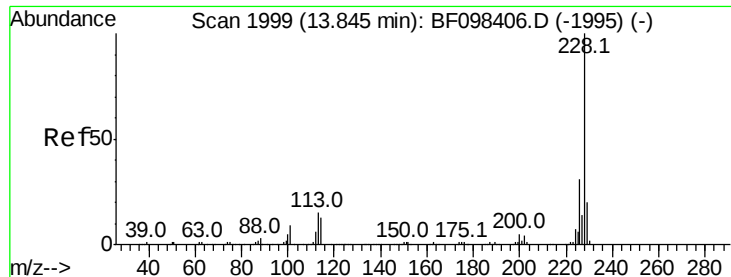
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#81
3,3'-Dichlorobenzidine
Concen: 37.348 ng
RT: 13.75 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	10.9	15.8	23.8#





#82

Chrysene

Concen: 45.390 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

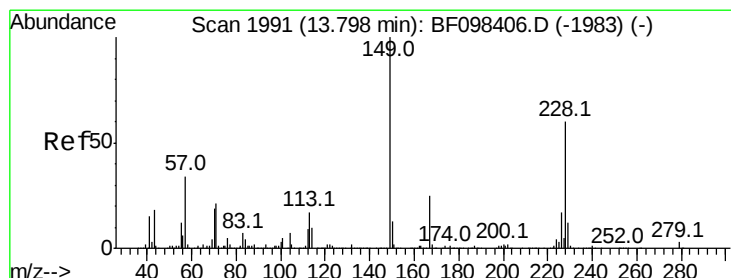
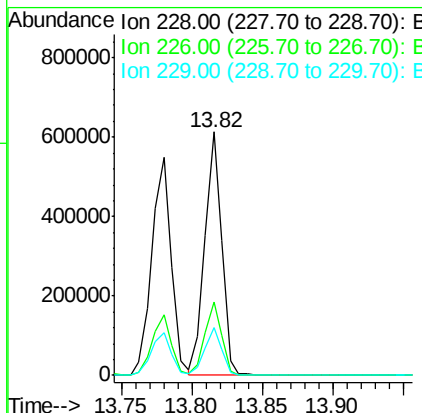
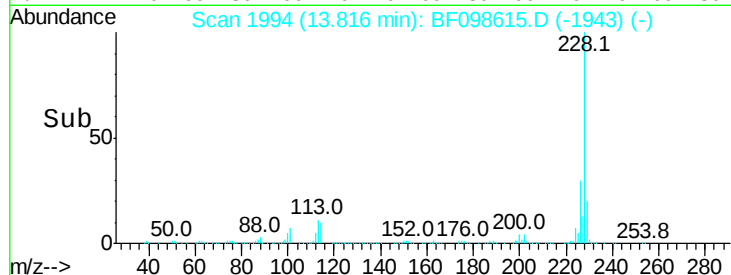
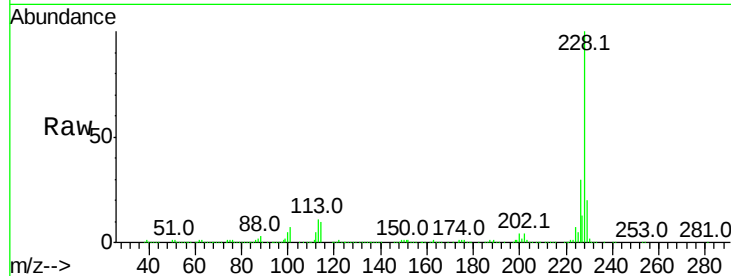
ClientSampleId :

TP-5D46MSD

Tot Ion:	228	Resp:	512606
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	19.6	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 56.786 ng

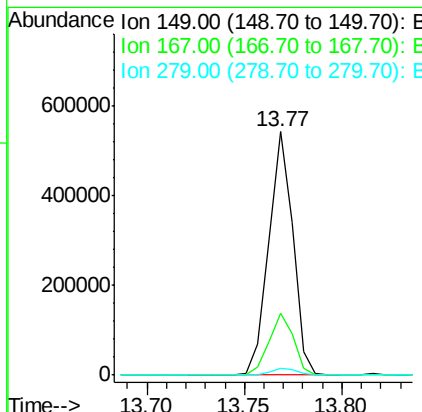
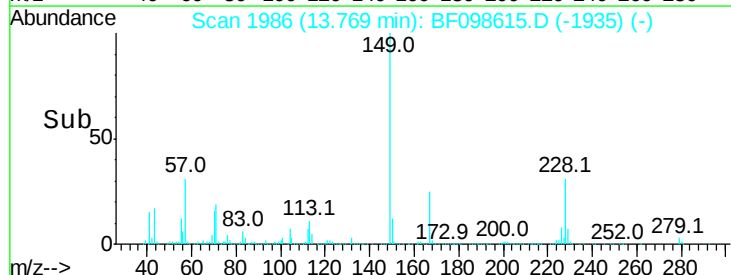
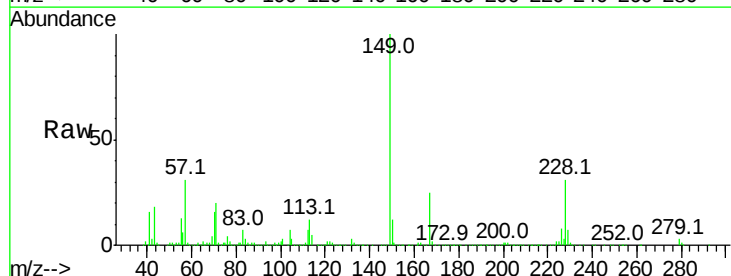
RT: 13.77 min Scan# 1986

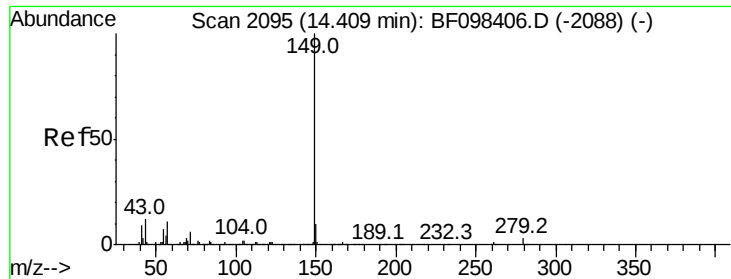
Delta R.T. 0.00 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	149	Resp:	464779
Ion Ratio	Lower	Upper	
149	100		
167	25.2	21.0	31.4
279	2.8	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 54.463 ng

RT: 14.38 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

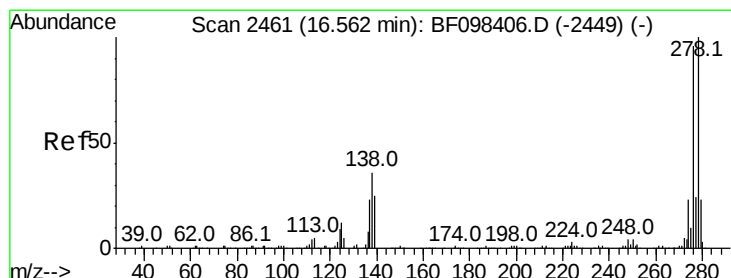
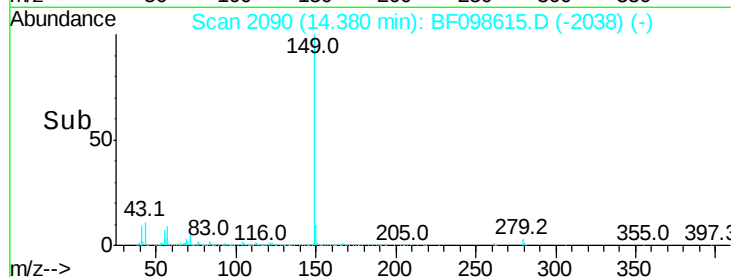
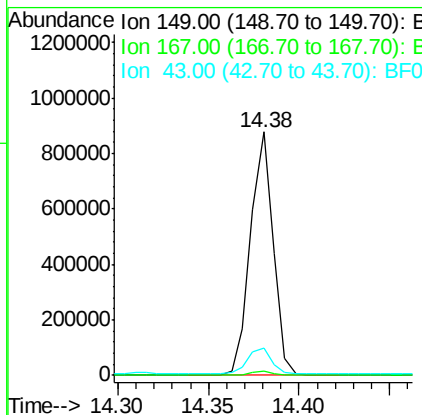
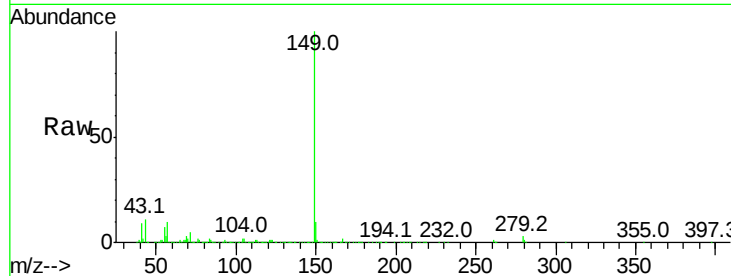
ClientSampleId :

TP-5D46MSD

Tot Ion:	149	Resp:	764809
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.2	8.5	12.7

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 50.369 ng

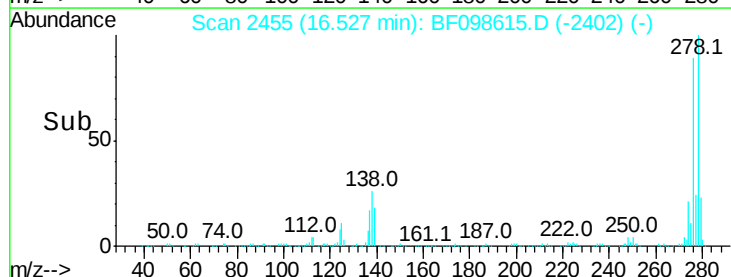
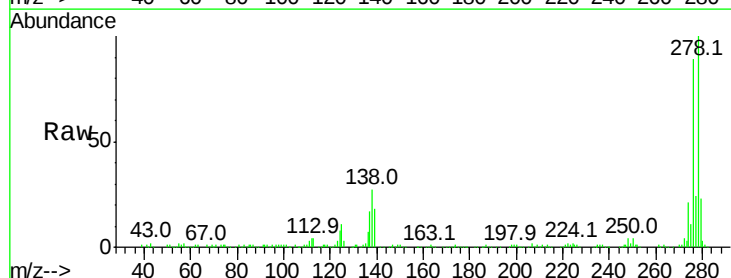
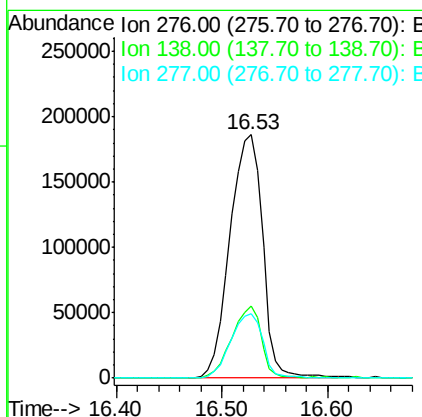
RT: 16.53 min Scan# 2455

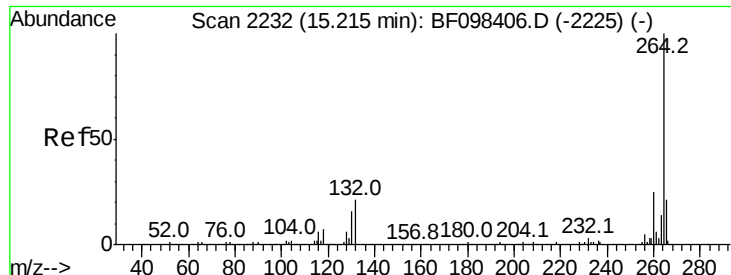
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	276	Resp:	399088
Ion Ratio	Lower	Upper	
276	100		
138	27.0	27.8	41.6#
277	26.1	20.2	30.4





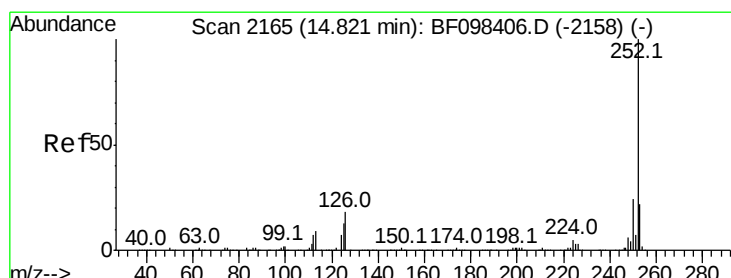
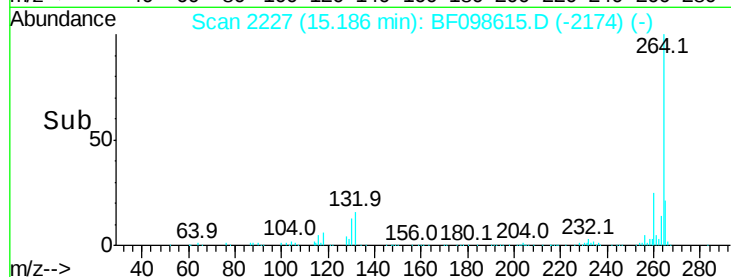
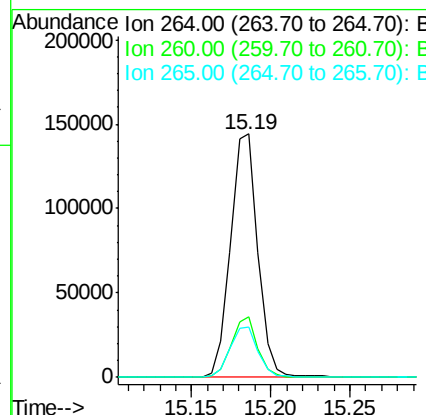
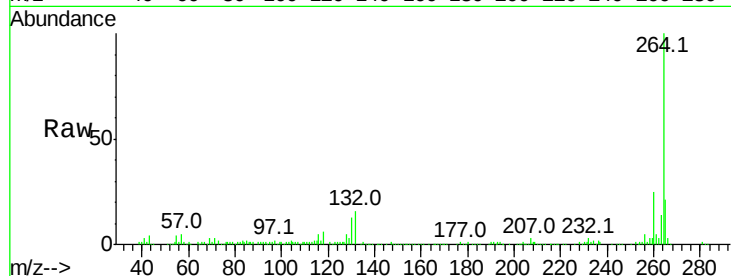
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	20.8	17.2	25.8

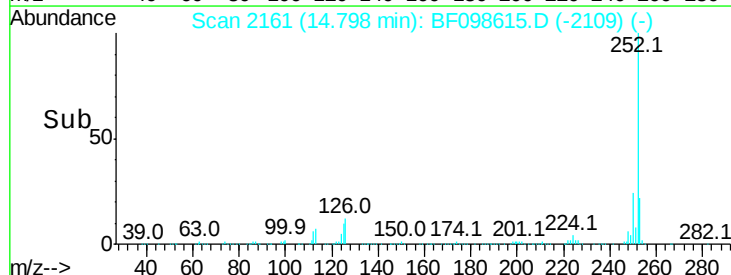
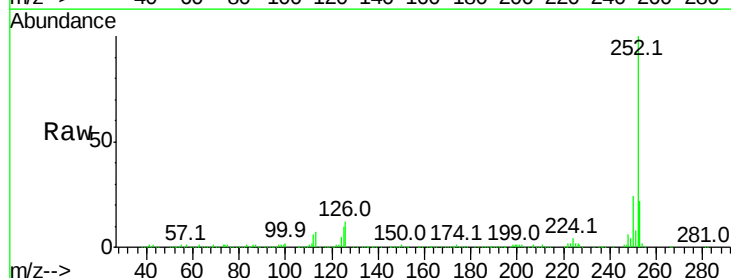
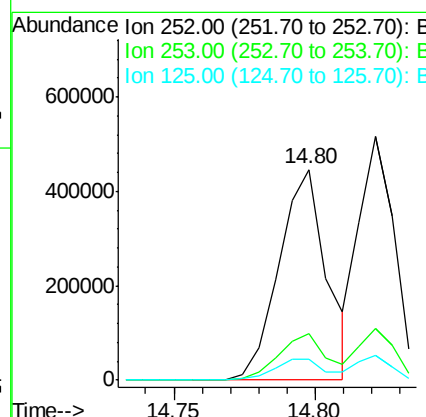
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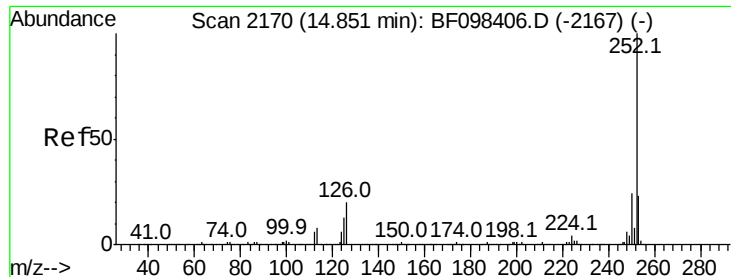
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#87
Benzo(b)fluoranthene
Concen: 48.243 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.9	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 45.404 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Instrument :

BNA_F

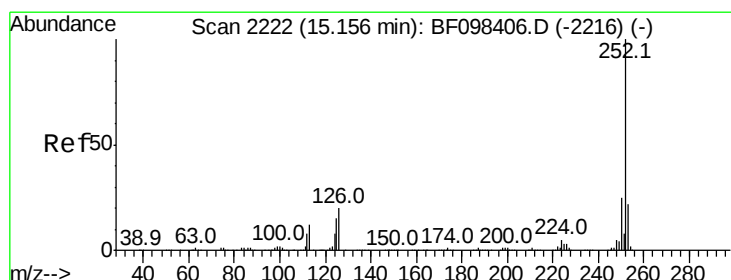
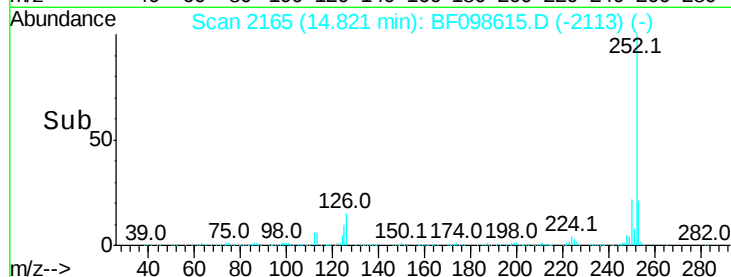
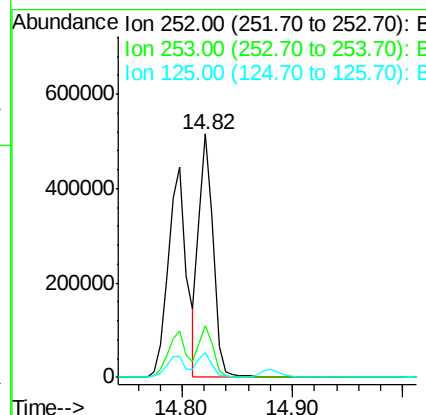
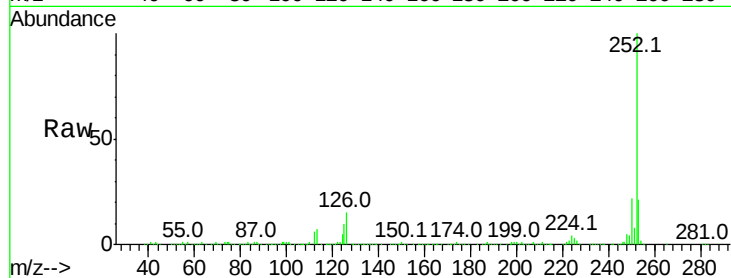
ClientSampleId :

TP-5D46MSD

Tot Ion:	252	Resp:	458973
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.4	27.6
125	10.3	13.1	19.7

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 46.943 ng

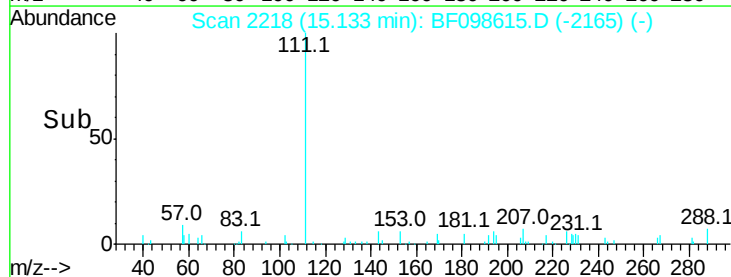
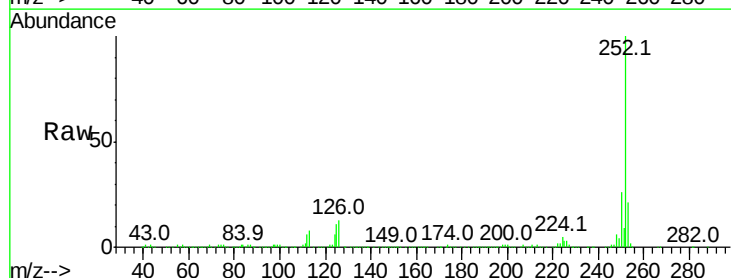
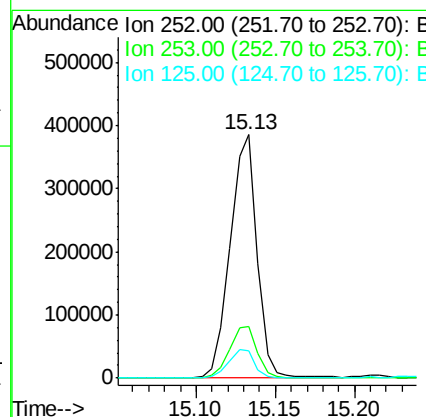
RT: 15.13 min Scan# 2218

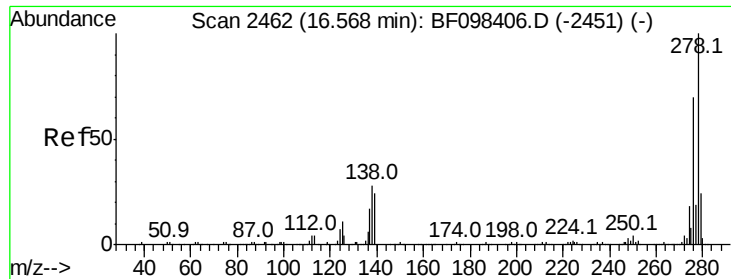
Delta R.T. 0.01 min

Lab File: BF098615.D

Acq: 18 Sep 2017 21:24

Tgt Ion:	252	Resp:	452843
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	11.2	11.0	16.4





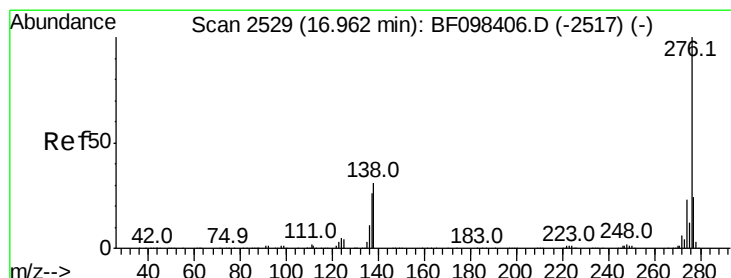
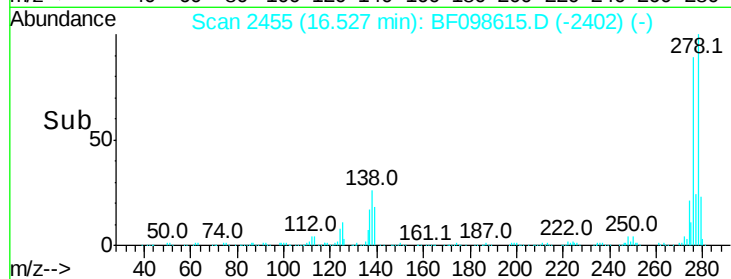
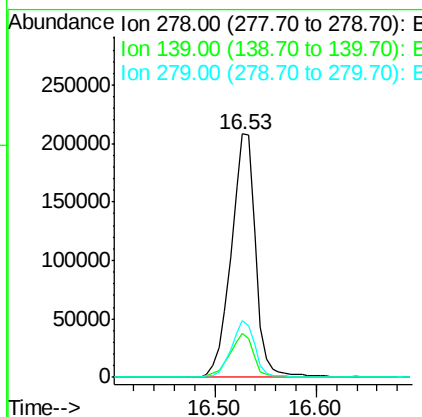
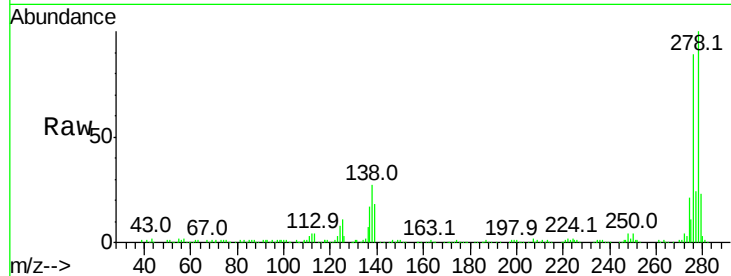
#90
Dibenzo(a,h)anthracene
Concen: 49.690 ng
RT: 16.53 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Instrument :
BNA_F
ClientSampleId :
TP-5D46MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.6	24.8
279	23.3	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 44.694 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.02 min
Lab File: BF098615.D
Acq: 18 Sep 2017 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	19.8	25.4	38.0#

