

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104991.D
 Acq On : 1 May 2018 18:34
 Operator : JU/SJ
 Sample : J2565-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Manual Integrations
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 5/2/2018 4:21:32 PM

Quant Time: May 02 12:11:14 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	122874	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	510880	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	232797	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	385380	20.00	ng	0.00
75) Chrysene-d12	14.03	240	228597	20.00	ng	0.06
86) Perylene-d12	15.59	264	242086	20.00	ng	0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	884927	110.12	ng	0.01
7) Phenol-d6	6.45	99	1092354	110.63	ng	0.01
23) Nitrobenzene-d5	7.36	82	689750	88.16	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	257251	106.53	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1176393	79.83	ng	0.00
78) Terphenyl-d14	12.92	244	917838	91.54	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	109105	29.138	ng	# 86
3) Pyridine	3.26	79	315902	30.007	ng	# 83
4) n-Nitrosodimethylamine	3.23	42	130321	35.413	ng	# 77
6) Aniline	6.46	93	306306	22.329	ng	# 67
8) 2-Chlorophenol	6.58	128	346701	40.876	ng	95
9) Benzaldehyde	6.34	77	131841	22.823	ng	97
10) Phenol	6.46	94	412759	39.400	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	322743	38.605	ng	94
12) 1,3-Dichlorobenzene	6.73	146	353670	36.807	ng	98
13) 1,4-Dichlorobenzene	6.81	146	361553	37.747	ng	99
14) 1,2-Dichlorobenzene	6.96	146	333097	37.527	ng	99
15) Benzyl Alcohol	6.95	79	264553	35.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	355785	31.690	ng	56
17) 2-Methylphenol	7.06	107	272066	36.902	ng	# 92
18) Hexachloroethane	7.30	117	124334	36.407	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	215862	33.457	ng	90
20) 3+4-Methylphenols	7.22	107	338680	37.039	ng	# 88
22) Acetophenone	7.20	105	464795	36.954	ng	98
24) Nitrobenzene	7.39	77	346028	40.059	ng	93
25) Isophorone	7.62	82	638431	38.589	ng	98
26) 2-Nitrophenol	7.70	139	185102	52.637	ng	92
27) 2,4-Dimethylphenol	7.74	122	289850	39.696	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	407936	40.328	ng	99
29) 2,4-Dichlorophenol	7.95	162	294548	42.279	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	297146	38.864	ng	99
31) Naphthalene	8.10	128	1005828	39.539	ng	99
32) Benzoic acid	7.85	122	43240	7.422	ng	95
33) 4-Chloroaniline	8.16	127	249135	22.860	ng	96
34) Hexachlorobutadiene	8.21	225	157796	37.679	ng	98
35) Caprolactam	8.53	113	95764	39.403	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	309552	41.438	ng	98
37) 2-Methylnaphthalene	8.79	142	657994	39.987	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	277609	41.658	ng	98
40) Hexachlorocyclopentadiene	8.93	237	73148	19.607	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	194199	41.980	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	204080	39.423	ng	98
45) 1,1'-Biphenyl	9.26	154	752591	38.483	ng	98
46) 2-Chloronaphthalene	9.29	162	599496	38.809	ng	98
47) 2-Nitroaniline	9.39	65	178536	46.736	ng	94
48) Acenaphthylene	9.70	152	882029	36.393	ng	99
49) Dimethylphthalate	9.56	163	858545	46.767	ng	100
50) 2,6-Dinitrotoluene	9.63	165	156926	46.197	ng	# 84
51) Acenaphthene	9.87	154	571325	38.636	ng	99
52) 3-Nitroaniline	9.80	138	140591	35.353	ng	96
53) 2,4-Dinitrophenol	9.92	184	35425	35.735	ng	# 19
54) Dibenzofuran	10.05	168	779486	37.825	ng	98
55) 4-Nitrophenol	9.98	139	204401	65.432	ng	94
56) 2,4-Dinitrotoluene	10.04	165	179349	40.251	ng	# 89
57) Fluorene	10.39	166	643526	42.902	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	151080	39.119	ng	93
59) Diethylphthalate	10.26	149	679302	37.154	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	278913	41.753	ng	99
61) 4-Nitroaniline	10.42	138	160001	41.148	ng	93
62) Azobenzene	10.54	77	587611	33.640	ng	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	34751	23.028	ng	82
65) n-Nitrosodiphenylamine	10.50	169	557904	41.753	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	168859	41.193	ng	# 89
67) Hexachlorobenzene	10.93	284	181226	39.290	ng	94
68) Atrazine	11.03	200	167672	41.572	ng	97
69) Pentachlorophenol	11.14	266	148464	52.029	ng	98
70) Phenanthrene	11.36	178	1579282	73.587	ng	99
71) Anthracene	11.41	178	979268	44.888	ng	99
72) Carbazole	11.56	167	798156	37.440	ng	100
73) Di-n-butylphthalate	11.89	149	964262	37.028	ng	99
74) Fluoranthene	12.56	202	1658687	73.972	ng	97
76) Benzidine	12.67	184	60848	3.618	ng	97
77) Pyrene	12.79	202	1547977	91.356	ng	100
79) Butylbenzylphthalate	13.40	149	347261	43.501	ng	94
80) Benzo(a)anthracene	14.02	228	1070113	78.358	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	166119	32.624	ng	97
82) Chrysene	14.06	228	961758	68.563	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	486031	47.335	ng	98
84) Di-n-octyl phthalate	14.68	149	761767	44.401	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.10	276	756251	63.465	ng	95
87) Benzo(b)fluoranthene	15.17	252	1107257	72.418	ng	96
88) Benzo(k)fluoranthene	15.20	252	702511	48.668	ng	97
89) Benzo(a)pyrene	15.47	252	305829m	22.355	ng	
90) Dibenzo(a,h)anthracene	17.10	278	481168	42.824	ng	98
91) Benzo(g,h,i)perylene	17.54	276	635108	58.344	ng	95

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

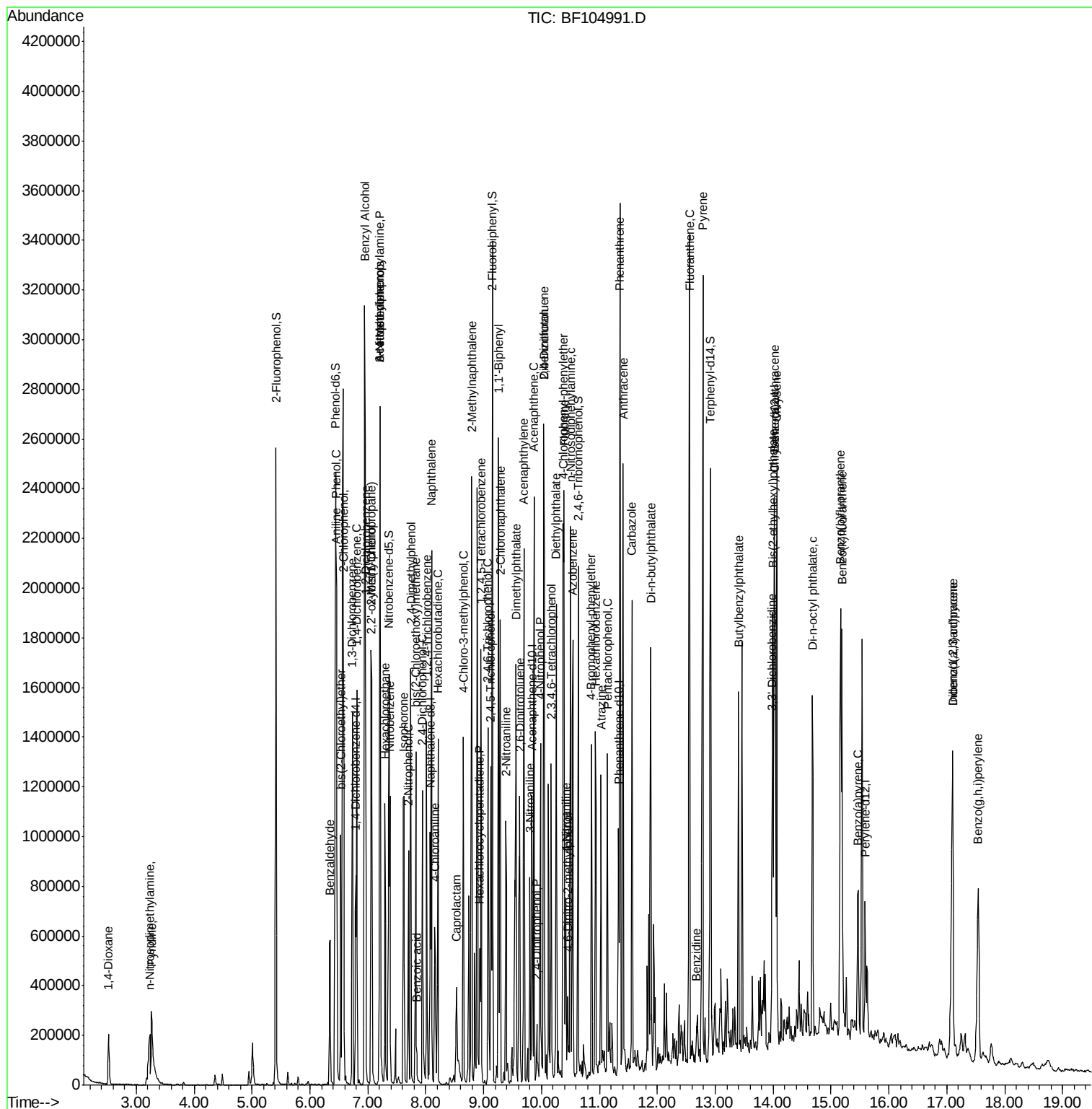
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#1

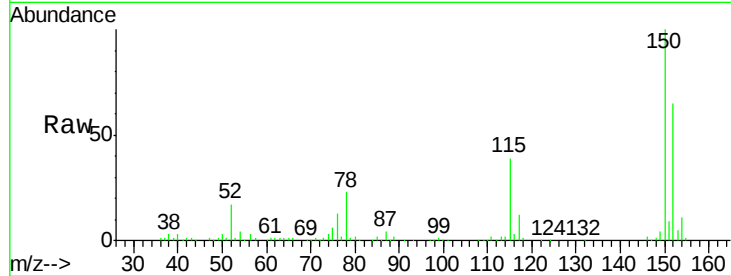
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

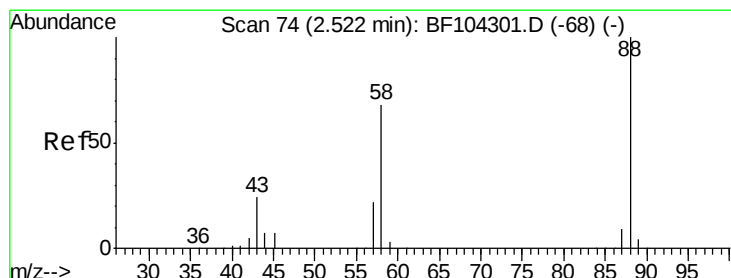
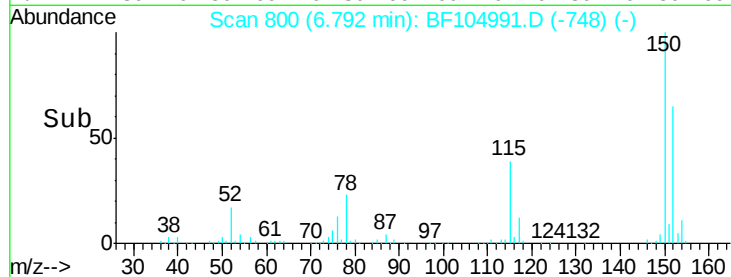
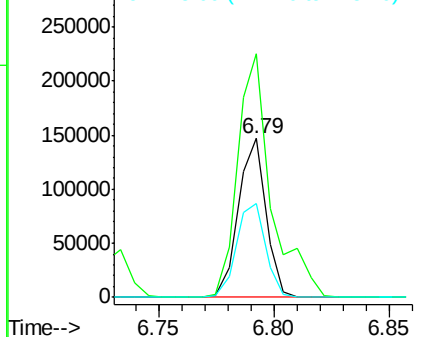
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	59.4	50.1	75.1

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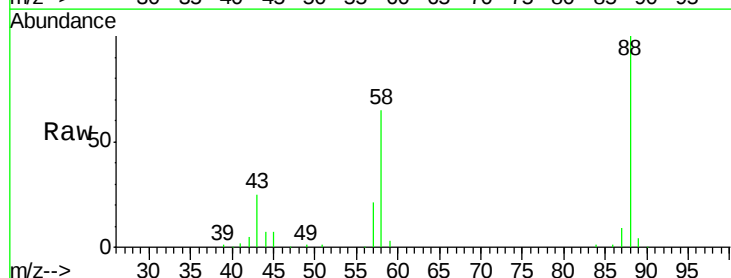
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



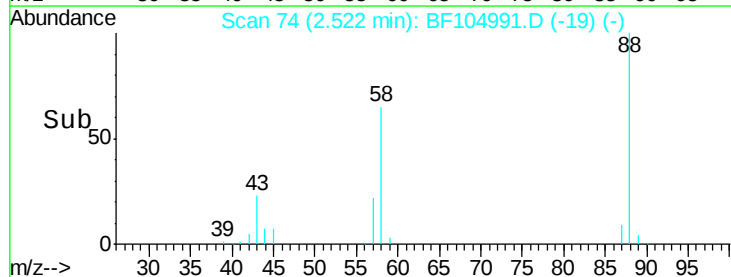
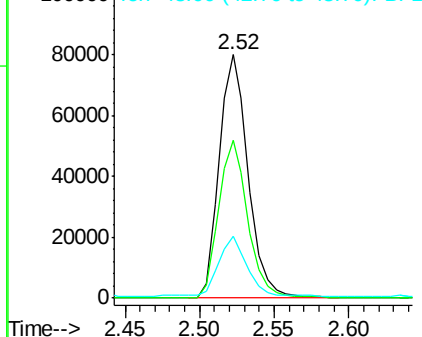
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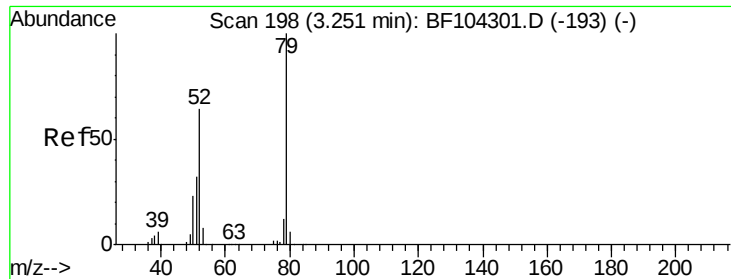
1,4-Dioxane
Concen: 29.138 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	62.6	93.8
43	24.5	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 30.007 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.03 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

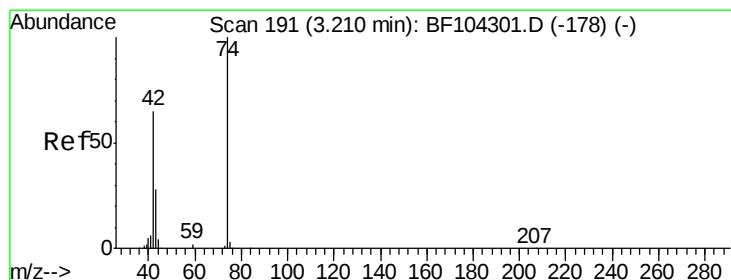
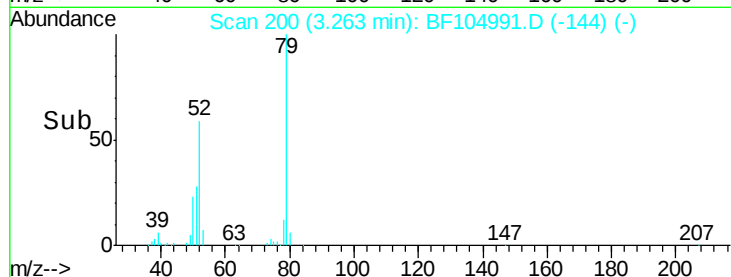
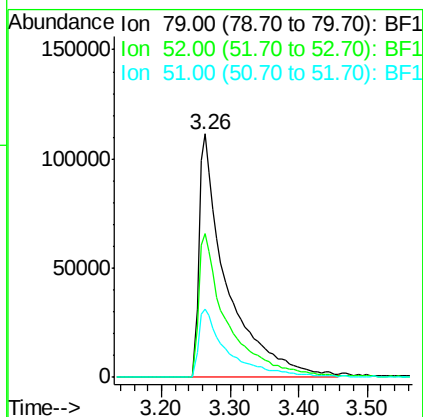
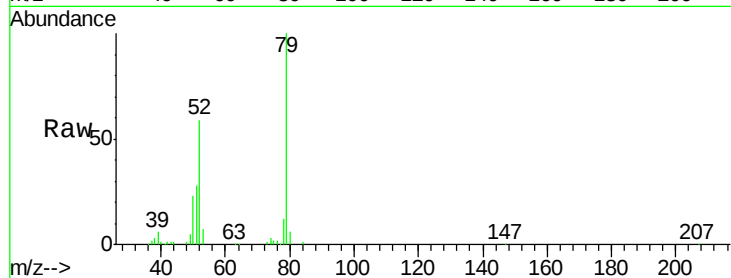
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	79	Resp:	315902
Ion Ratio	Lower	Upper	
79	100		
52	59.0	59.8	89.6#
51	28.3	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 35.413 ng

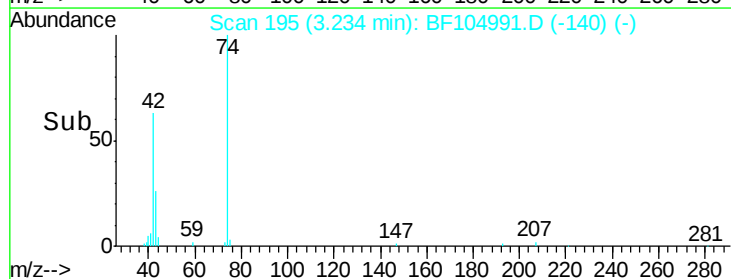
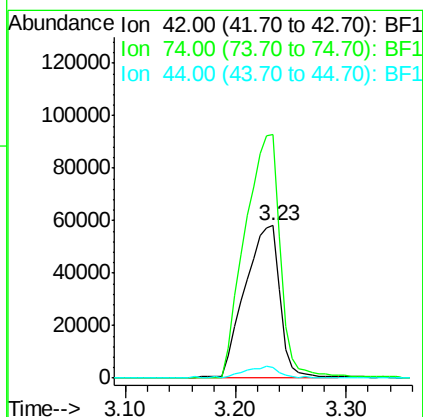
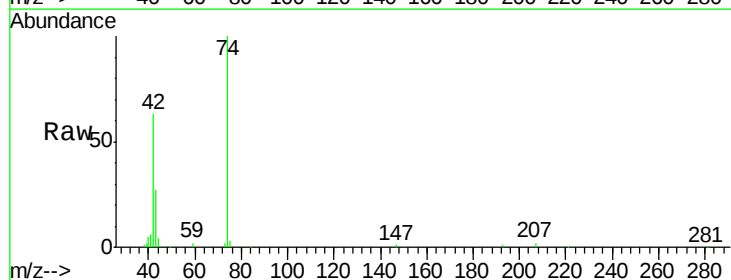
RT: 3.23 min Scan# 195

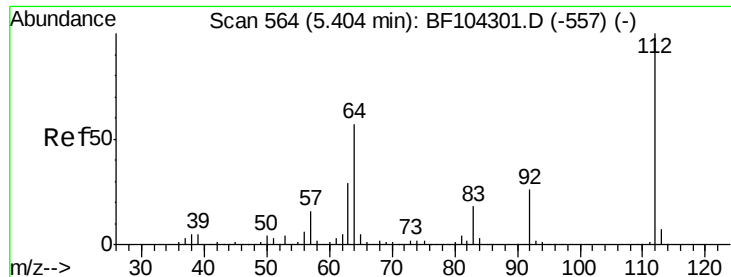
Delta R.T. 0.02 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	42	Resp:	130321
Ion Ratio	Lower	Upper	
42	100		
74	159.8	104.9	157.3#
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 110.121 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

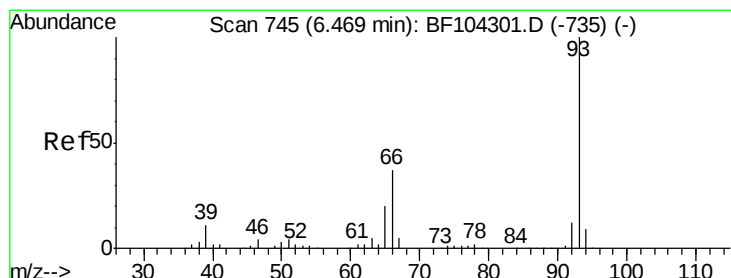
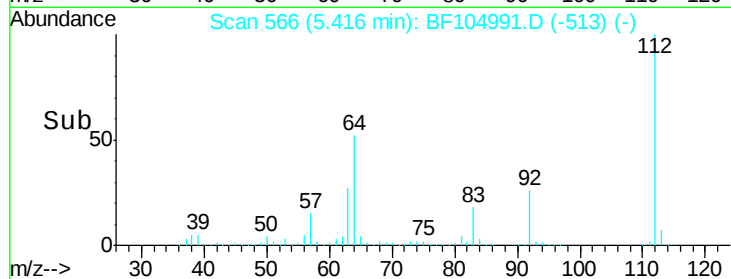
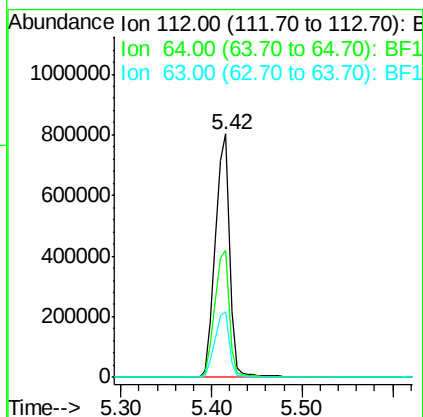
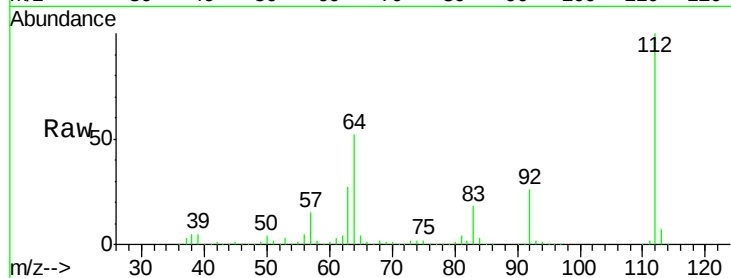
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	112	Resp:	884927
Ion Ratio		Lower	Upper
112	100		
64	52.3	47.9	71.9
63	27.1	23.7	35.5

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#6

Aniline

Concen: 22.329 ng

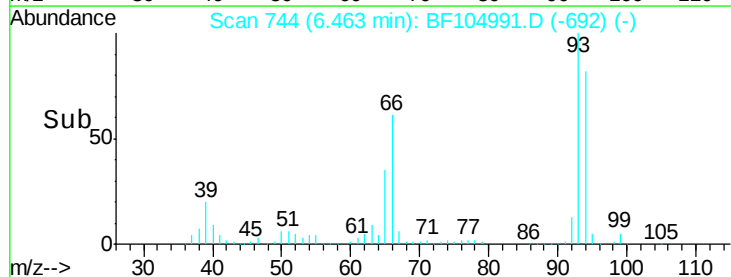
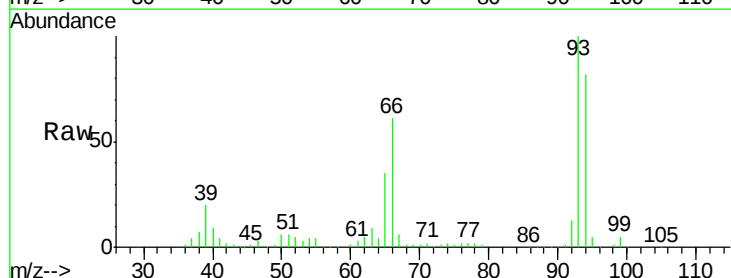
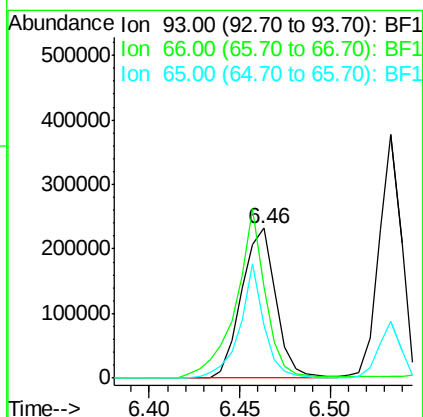
RT: 6.46 min Scan# 744

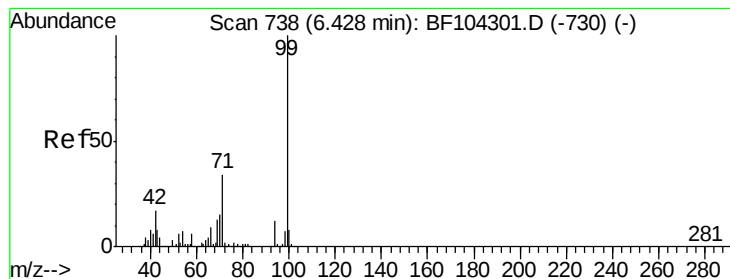
Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	93	Resp:	306306
Ion Ratio		Lower	Upper
93	100		
66	60.7	32.2	48.2#
65	35.2	16.4	24.6#





#7

Phenol-d6

Concen: 110.634 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampled :

TP-4 0.0-0.5MSD

Tgt Ion: 99 Resp: 1092354

Ion Ratio Lower Upper

99 100

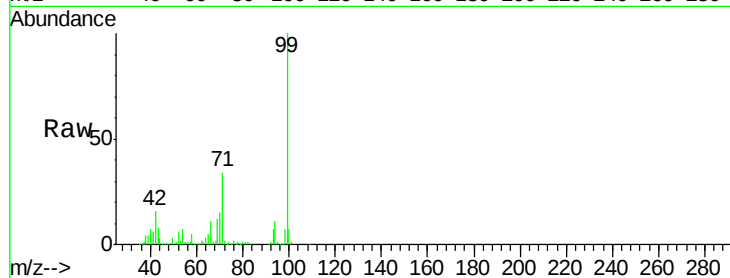
42 15.8 14.5 21.7

71 34.2 25.4 38.0

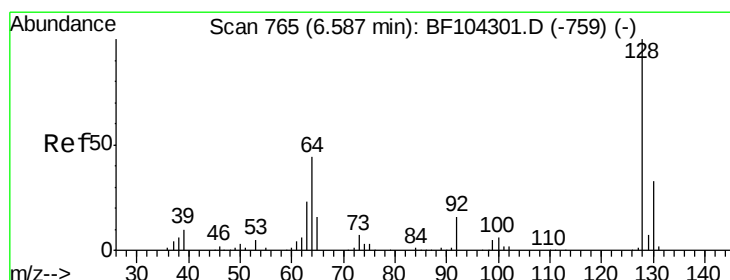
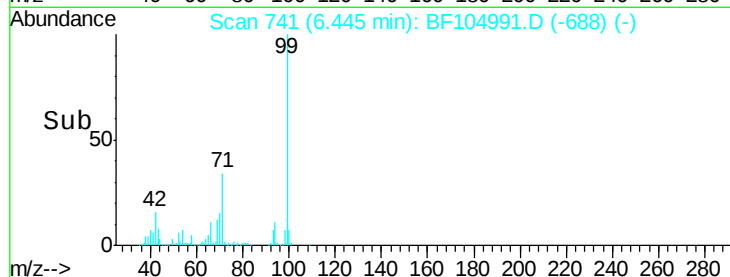
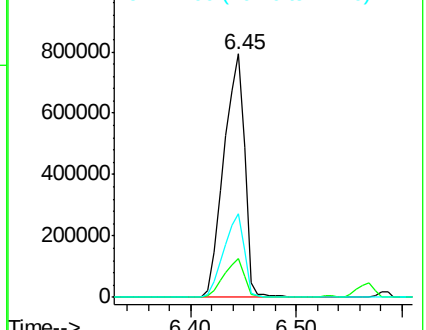
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.876 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

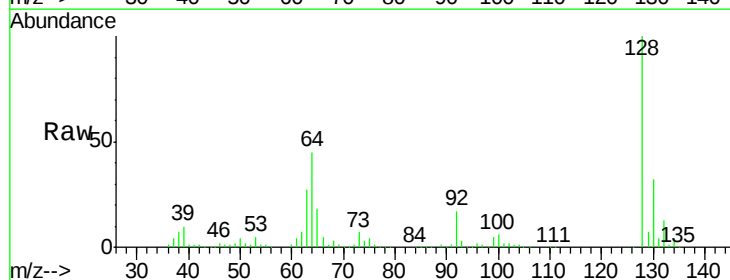
Tgt Ion: 128 Resp: 346701

Ion Ratio Lower Upper

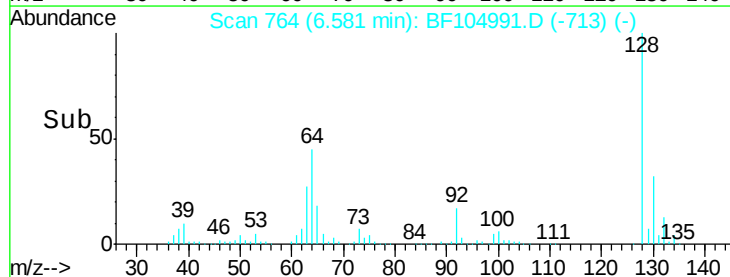
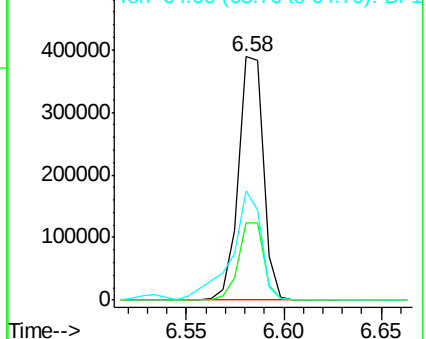
128 100

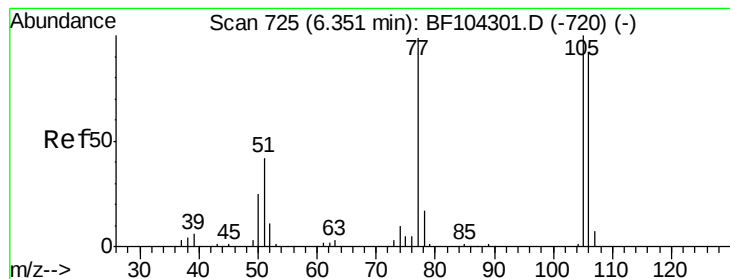
130 31.5 13.0 53.0

64 44.7 29.4 69.4



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): BF1





#9

Benzaldehyde

Concen: 22.823 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

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BNA_F

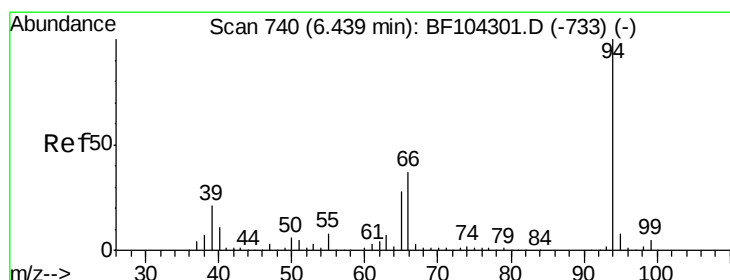
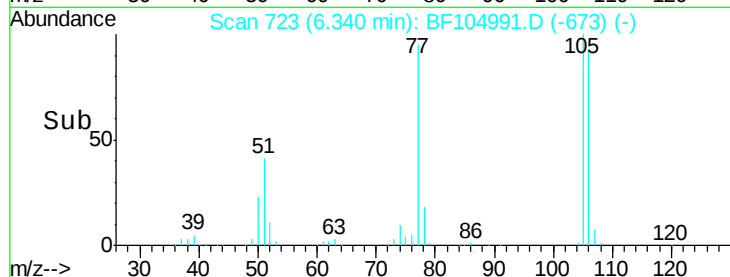
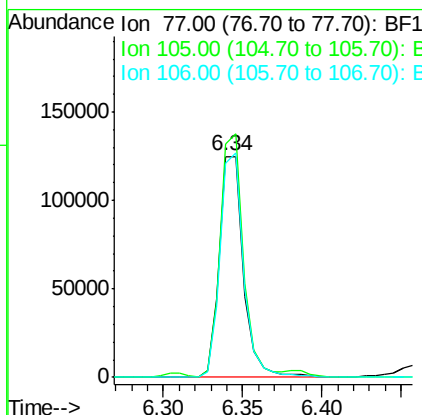
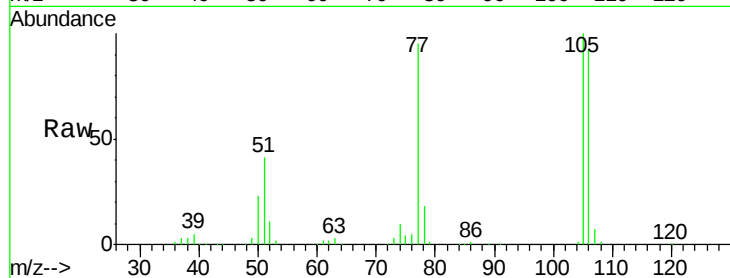
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	77	Resp:	131841
Ion Ratio	Lower	Upper	
77	100		
105	105.3	81.1	121.1
106	96.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.400 ng

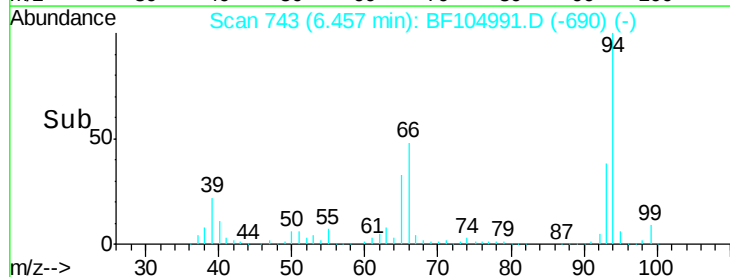
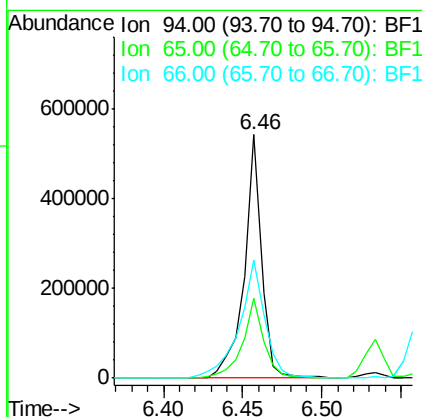
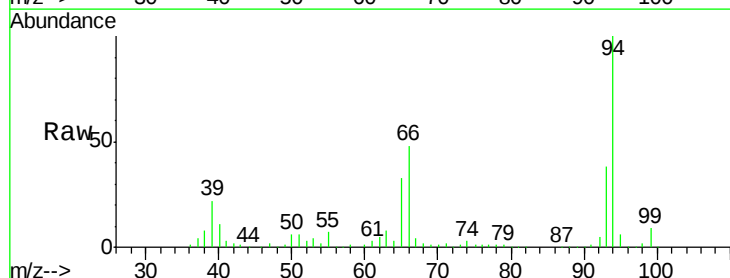
RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	94	Resp:	412759
Ion Ratio	Lower	Upper	
94	100		
65	32.6	7.9	47.9
66	48.3	16.2	56.2





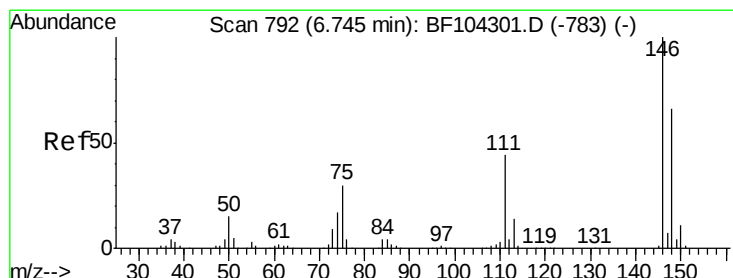
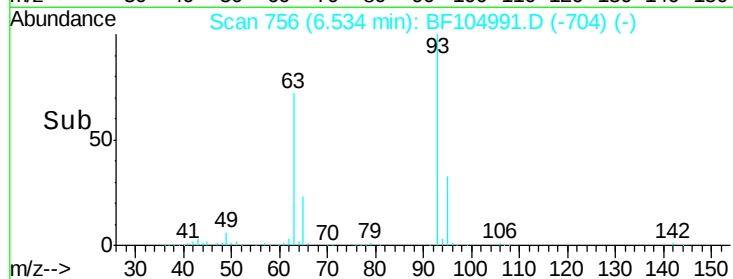
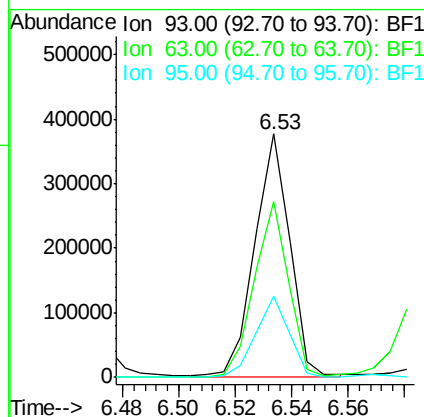
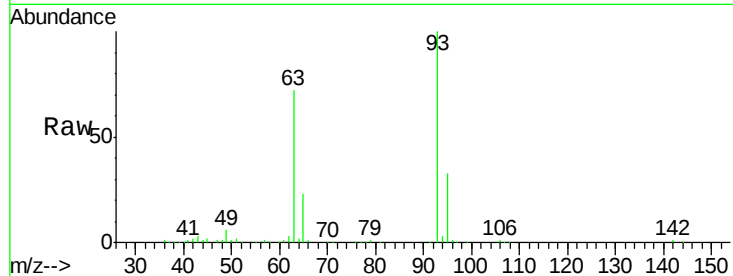
#11
 bis(2-Chloroethyl)ether
 Concen: 38.605 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion:	93	Resp:	322743
Ion	Ratio	Lower	Upper
93	100		
63	72.4	58.6	98.6
95	33.1	11.8	51.8

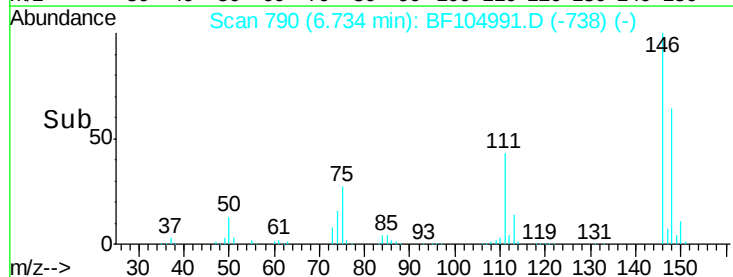
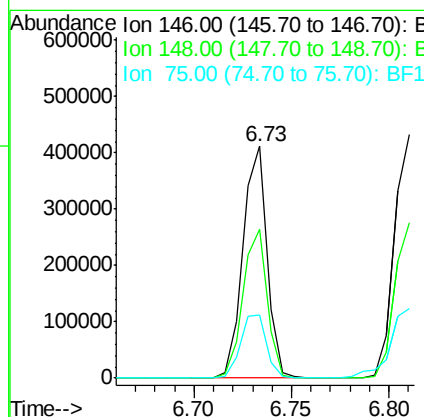
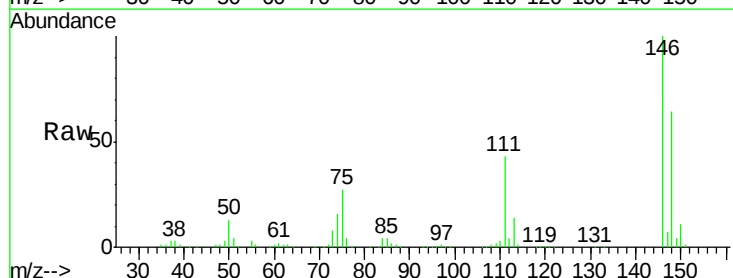
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#12
 1,3-Dichlorobenzene
 Concen: 36.807 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:	146	Resp:	353670
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	27.0	24.2	36.4





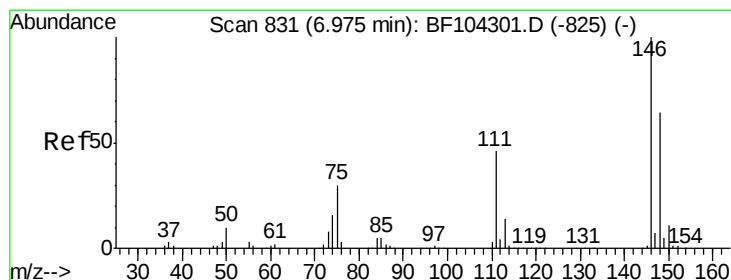
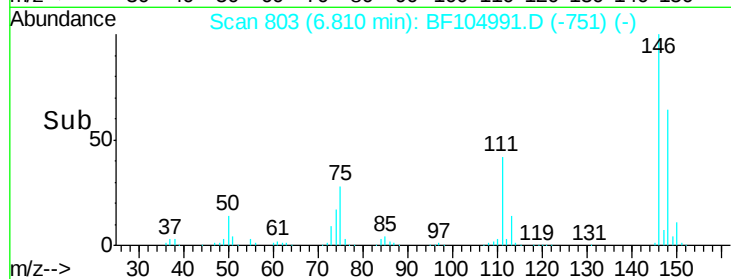
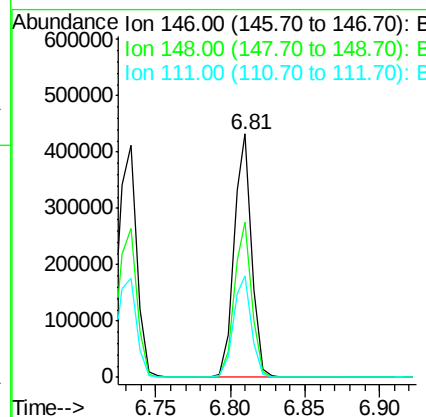
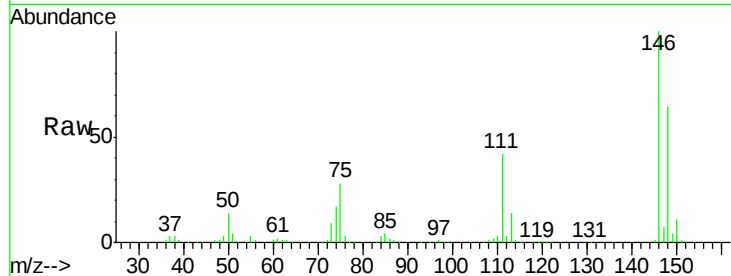
#13
1,4-Dichlorobenzene
Concen: 37.747 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	41.8	34.2	51.2

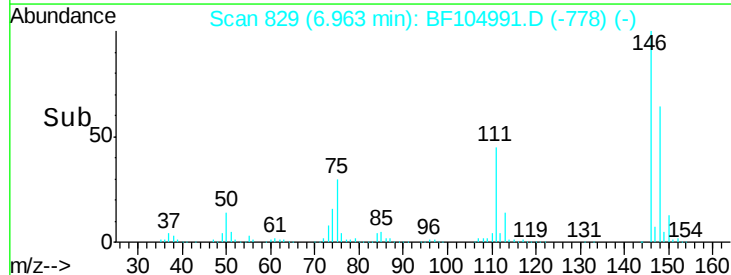
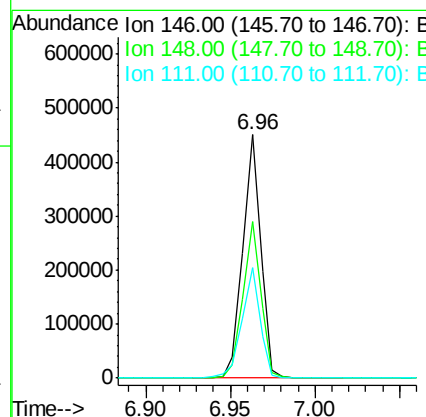
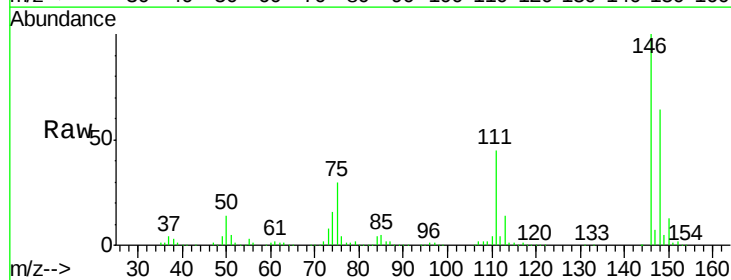
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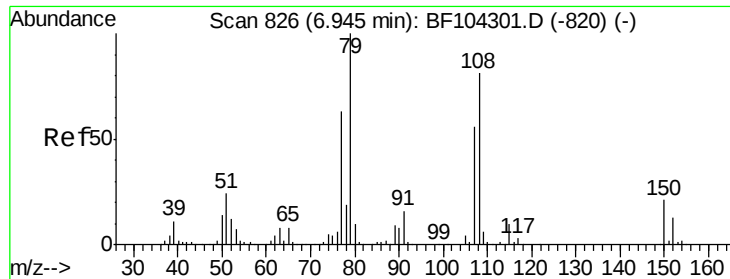
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#14
1,2-Dichlorobenzene
Concen: 37.527 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	45.3	36.0	54.0





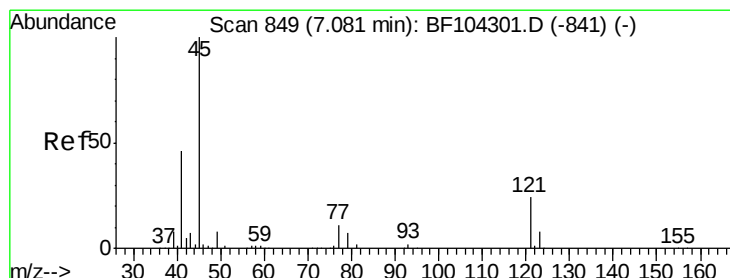
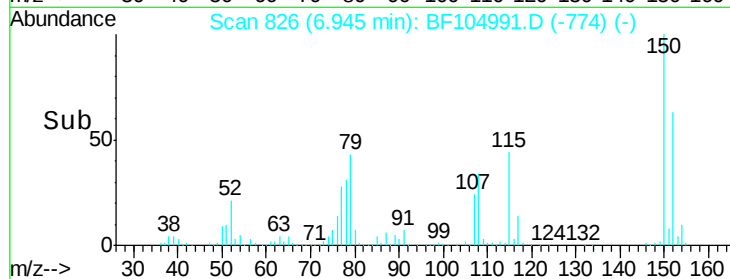
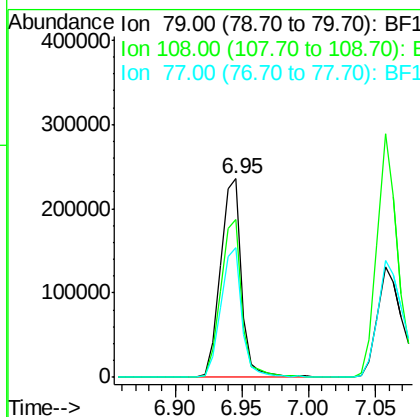
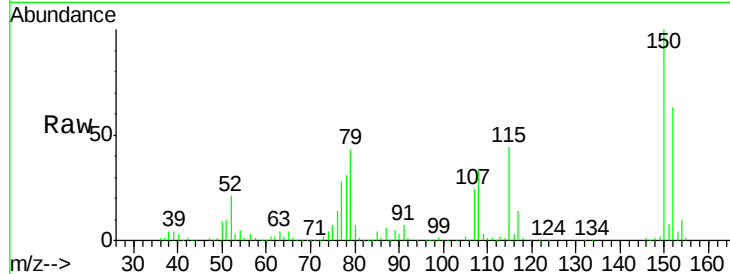
#15
Benzyl Alcohol
Concen: 35.277 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	264553		
108	79.8	65.1	97.7	
77	65.5	50.6	75.8	

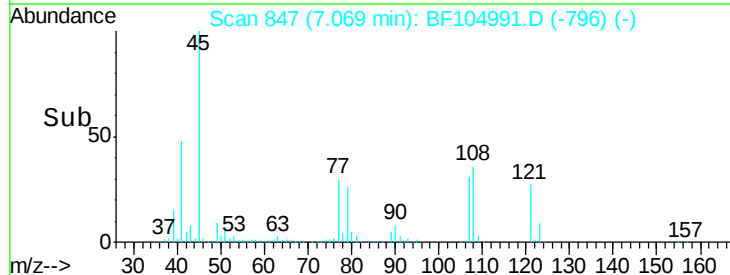
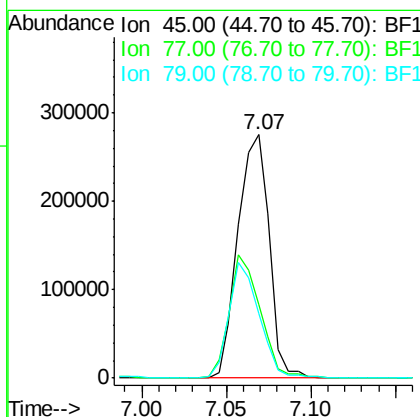
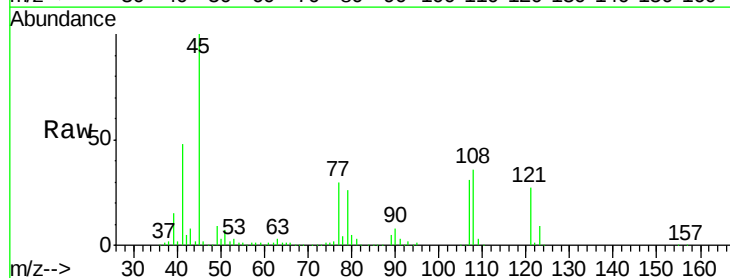
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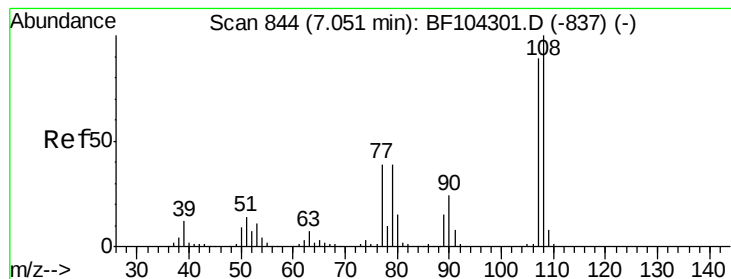
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.690 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	355785		
77	30.3	0.0	32.9	
79	26.2	0.0	29.6	





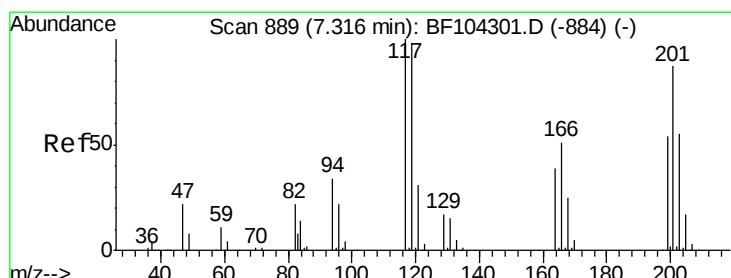
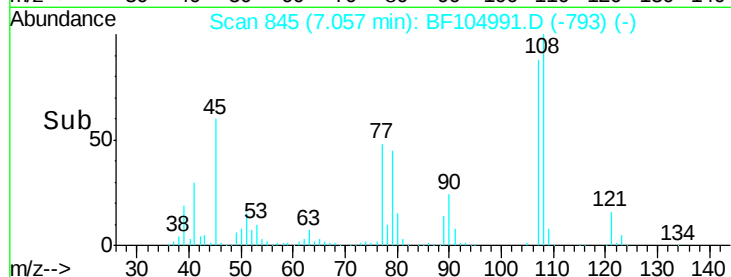
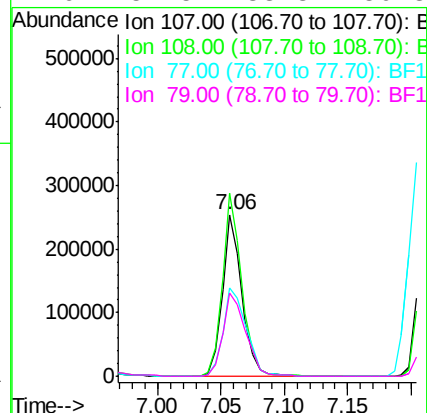
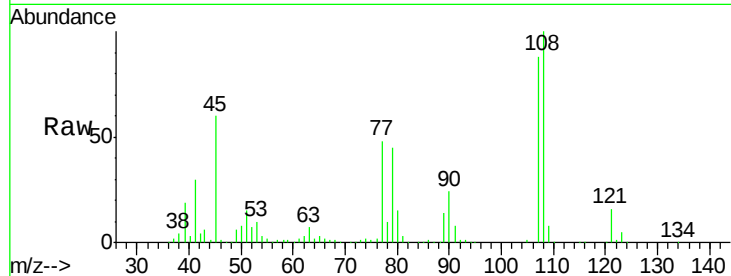
#17
2-Methylphenol
Concen: 36.902 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion:	107	Resp:	272066
Ion Ratio	Lower	Upper	
107	100		
108	113.4	91.7	137.5
77	54.6	33.8	50.8#
79	51.5	33.8	50.8#

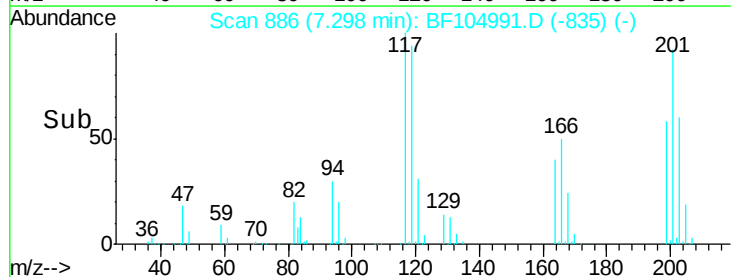
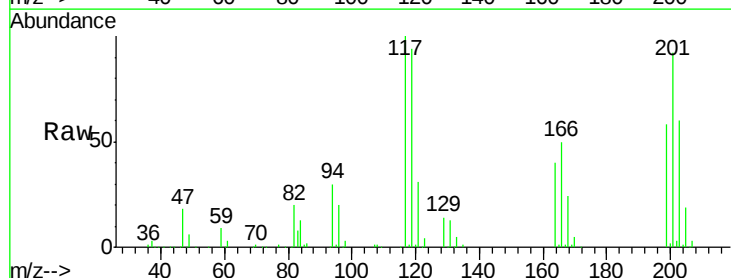
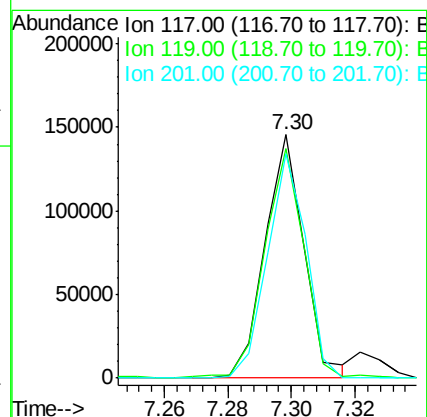
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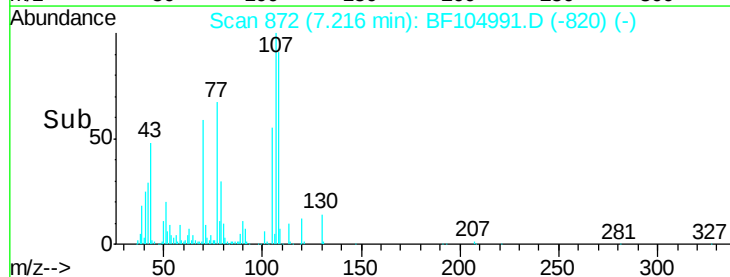
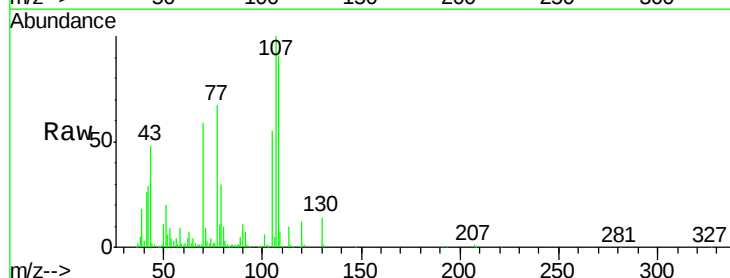
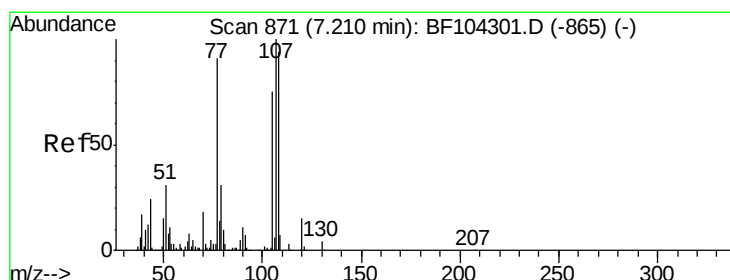
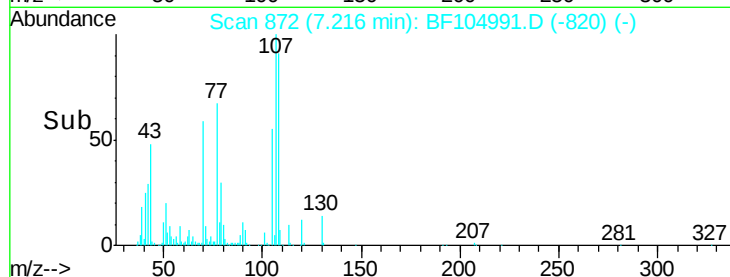
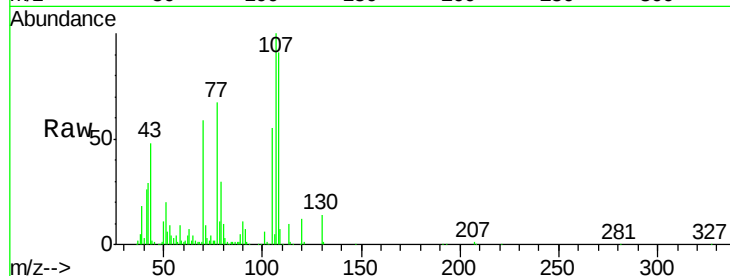
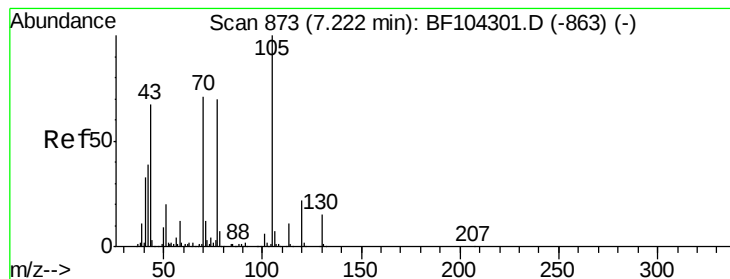
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#18
Hexachloroethane
Concen: 36.407 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion:	117	Resp:	124334
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.8	113.8
201	92.4	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 33.457 ng

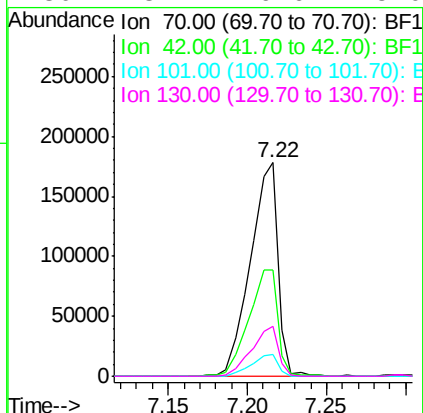
RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.5	71.3
101	10.3	7.4	11.2
130	23.4	16.6	25.0



Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

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5/2/2018 4:21:32 PM

#20

3+4-Methylphenols

Concen: 37.039 ng

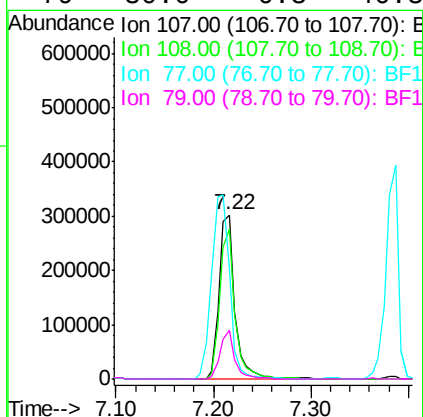
RT: 7.22 min Scan# 872

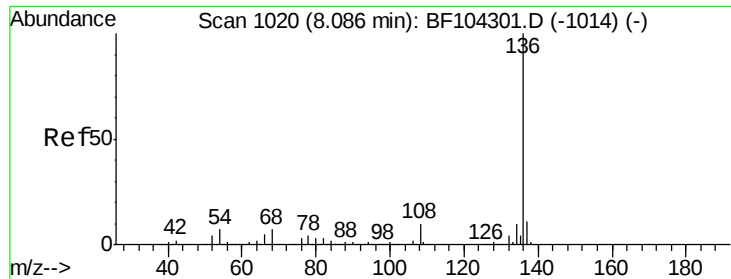
Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	67.1	26.7	66.7#
79	30.0	6.3	46.3





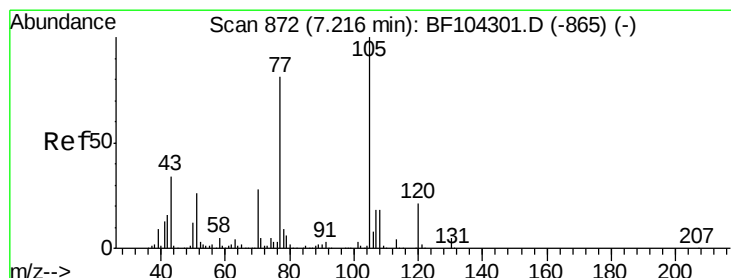
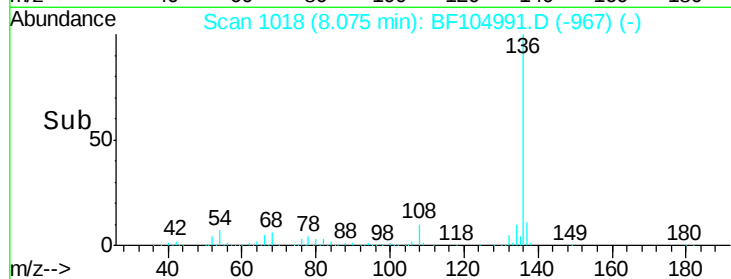
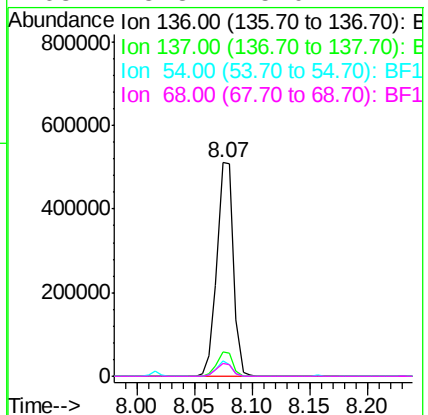
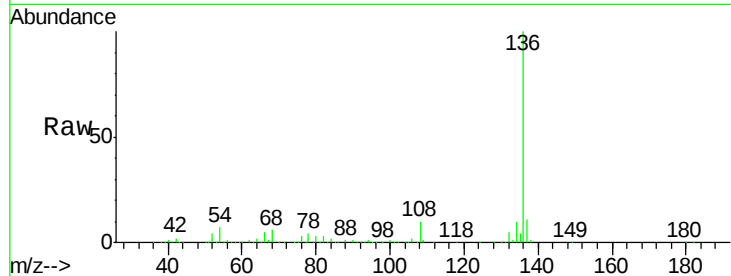
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	510880		
137	11.4	8.9	13.3	
54	7.0	6.6	9.8	
68	5.8	5.0	7.4	

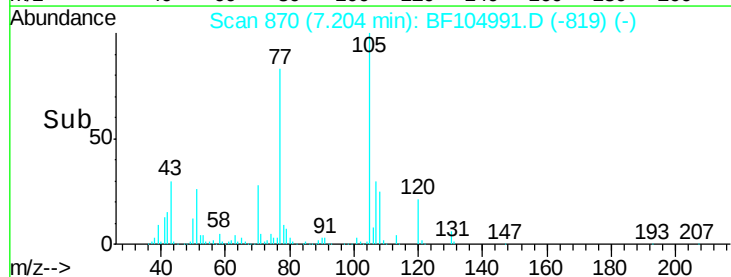
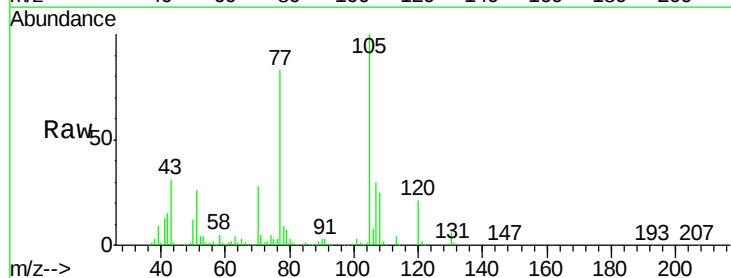
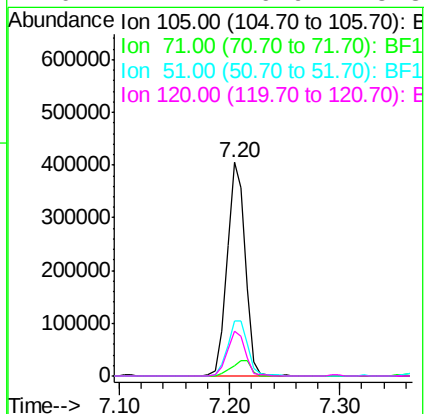
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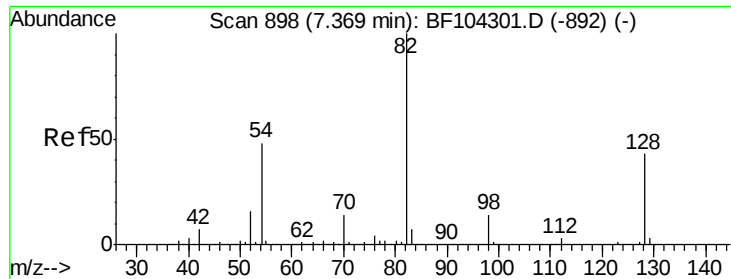
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#22
Acetophenone
Concen: 36.954 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	464795		
71	4.8	4.4	6.6	
51	25.8	22.3	33.5	
120	21.1	16.9	25.3	





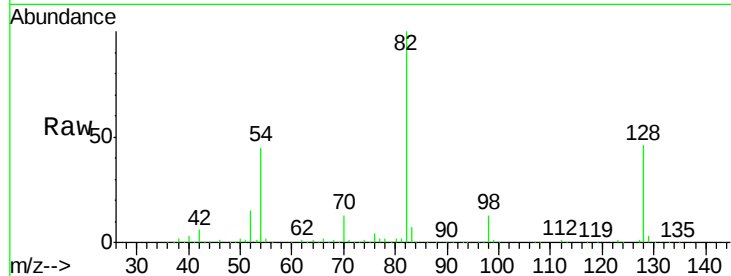
#23
Nitrobenzene-d5
Concen: 88.160 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

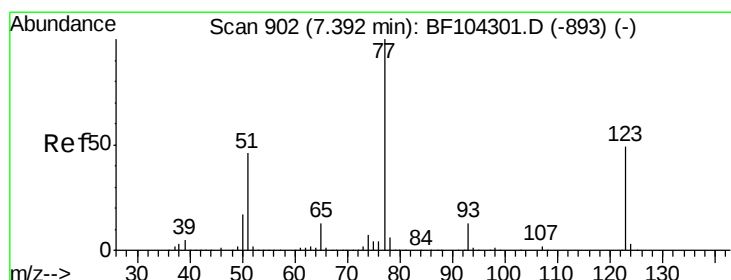
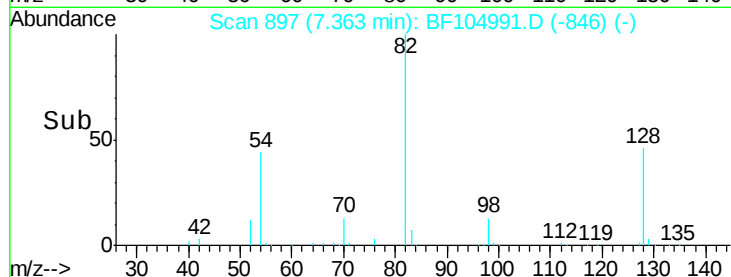
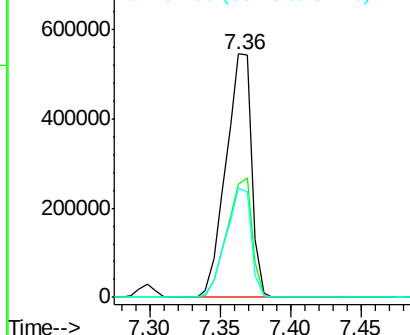
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.3	36.1	54.1
54	44.8	41.4	62.2

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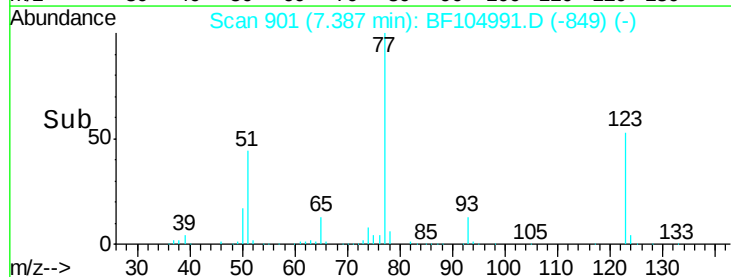
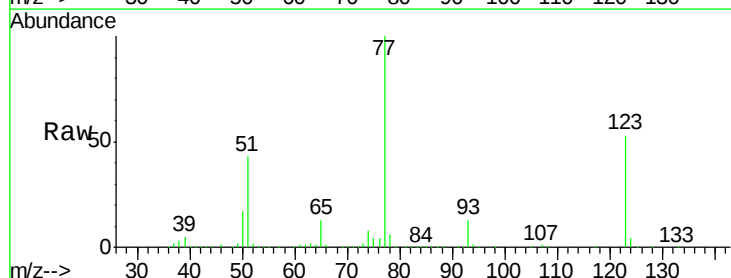
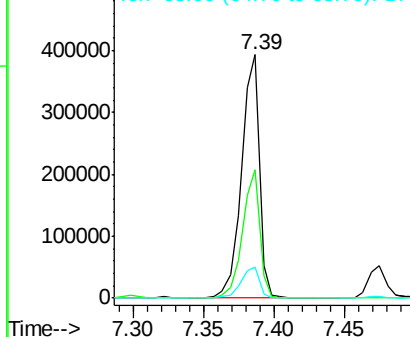
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 40.059 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	52.9	37.9	56.9
65	12.8	11.0	16.4

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.589 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

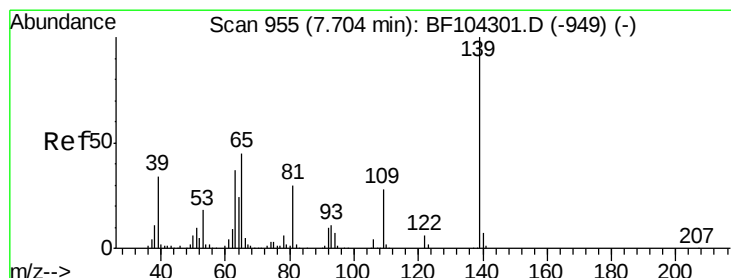
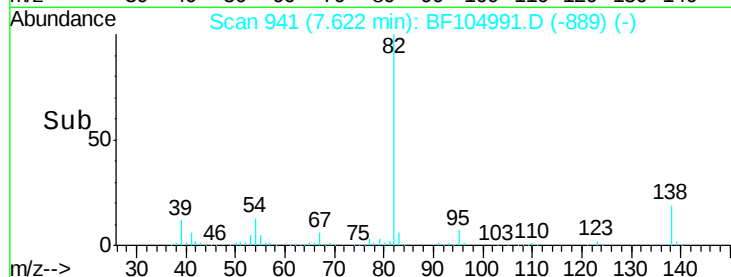
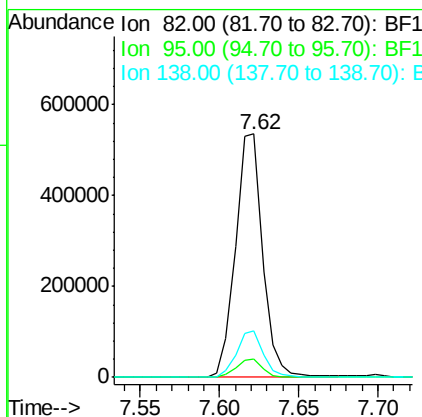
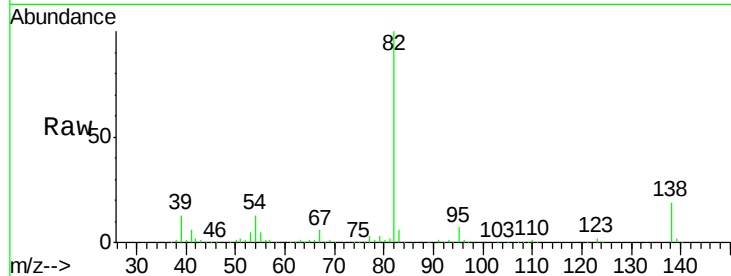
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	82	Resp:	638431
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	19.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 52.637 ng

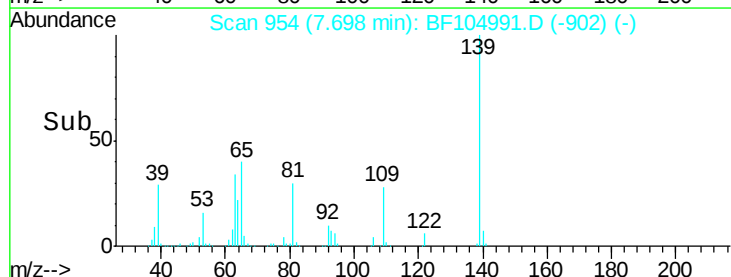
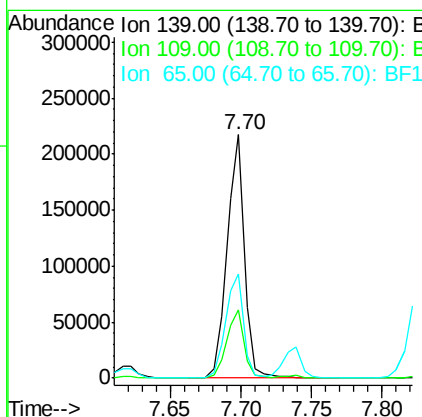
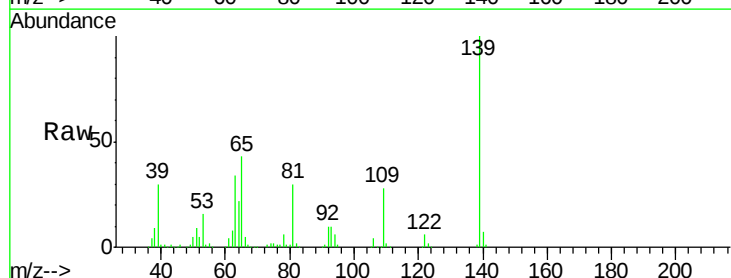
RT: 7.70 min Scan# 954

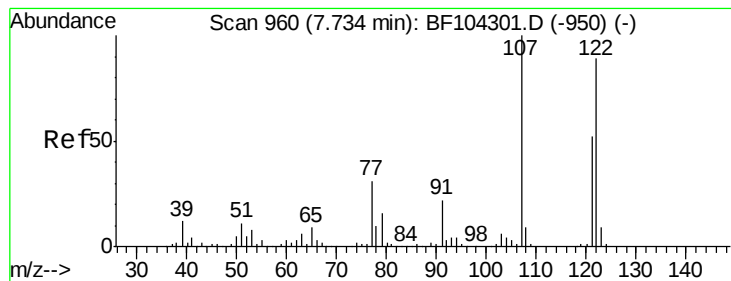
Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	139	Resp:	185102
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	42.5	40.5	60.7





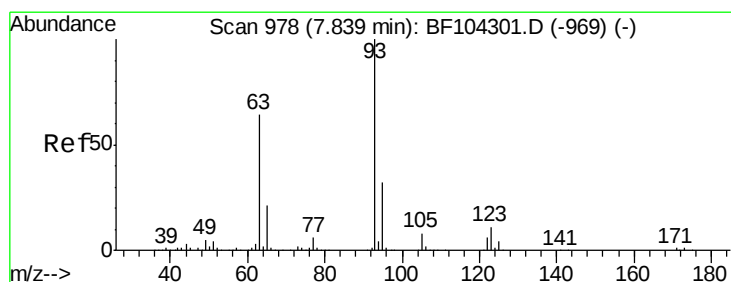
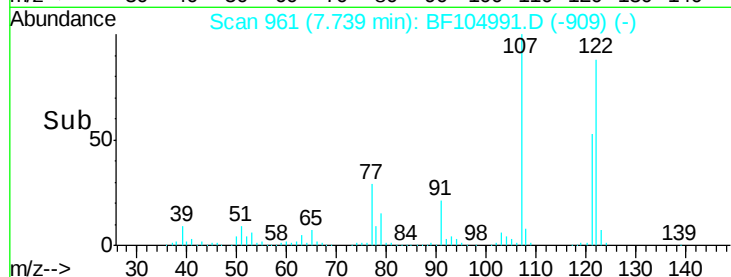
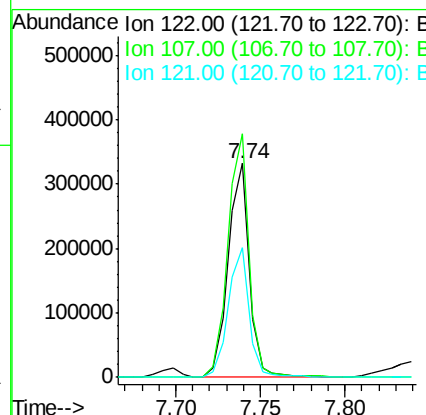
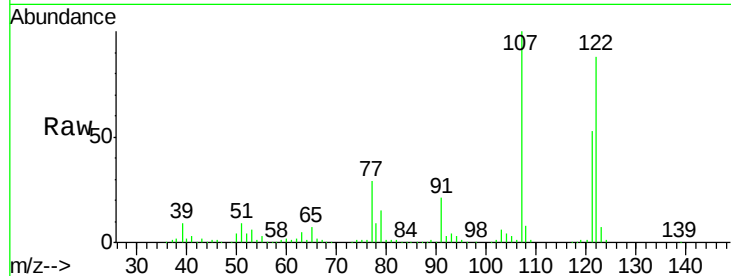
#27
 2,4-Dimethylphenol
 Concen: 39.696 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	289850		
107	114.0	91.2	136.8	
121	60.6	47.2	70.8	

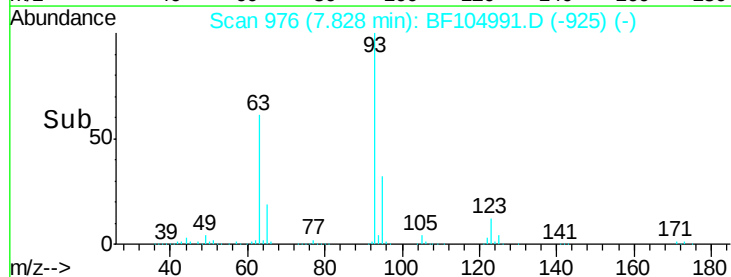
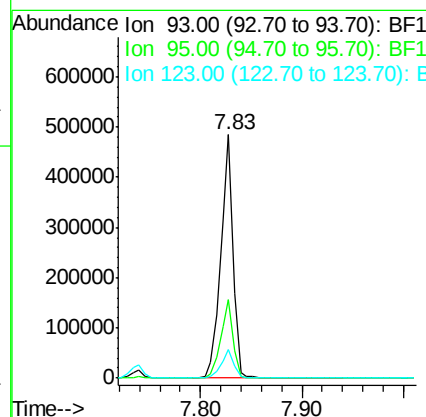
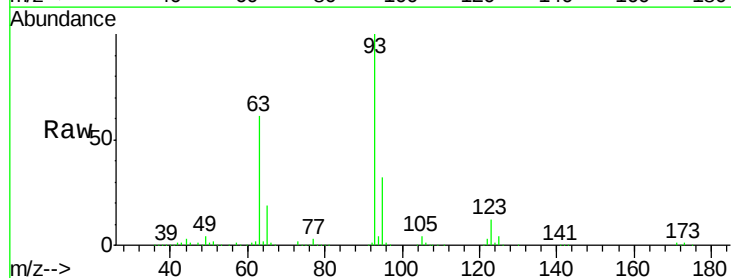
Manual Integrations
 APPROVED

Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.328 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	407936		
95	32.4	26.3	39.5	
123	11.7	9.8	14.6	





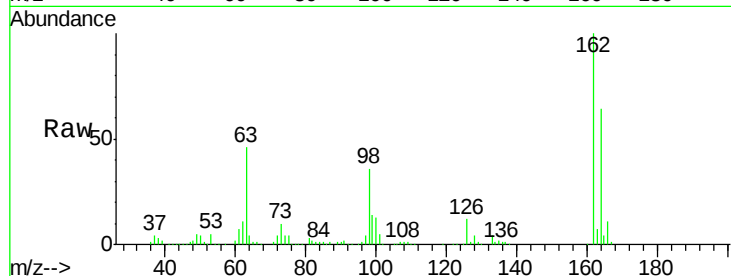
#29
2,4-Dichlorophenol
Concen: 42.279 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

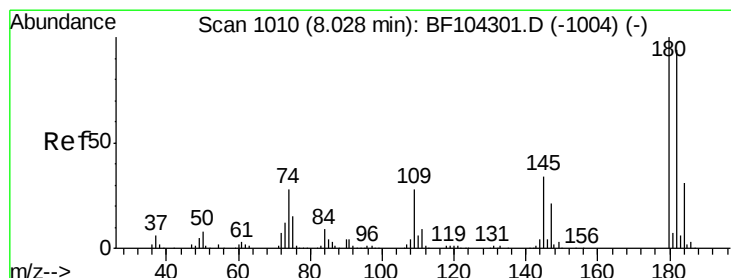
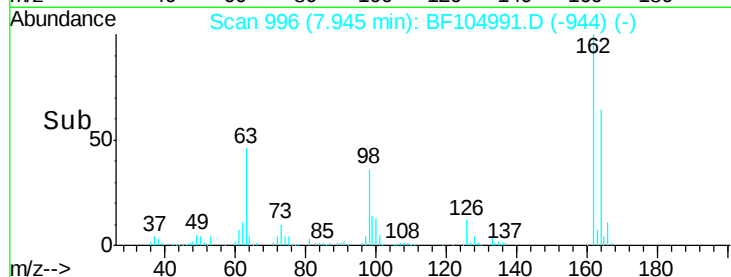
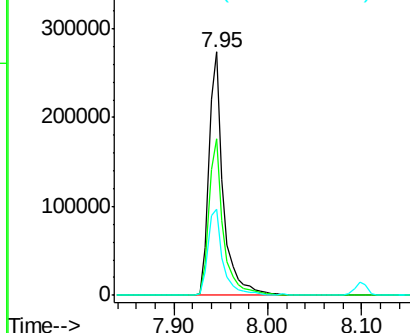
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	294548		
164	64.3	42.7	82.7	
98	35.5	18.1	58.1	

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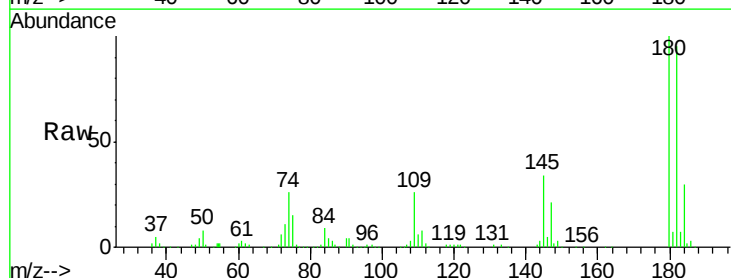


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

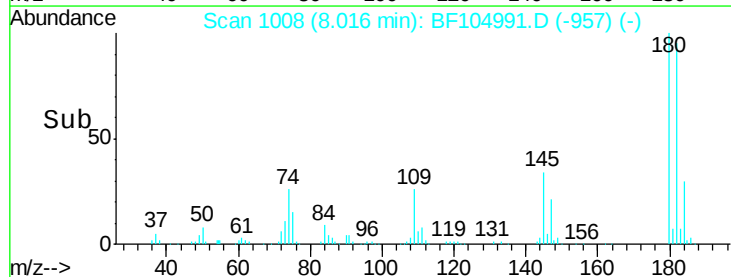
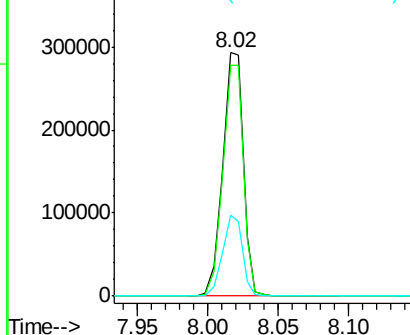


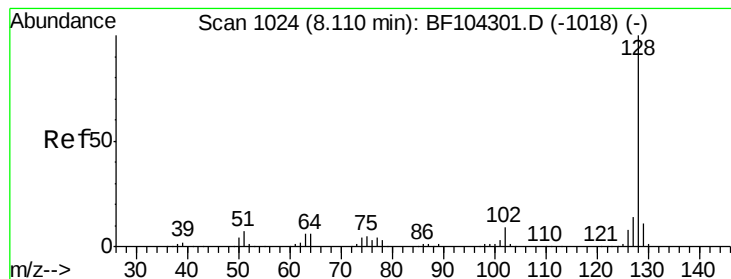
#30
1,2,4-Trichlorobenzene
Concen: 38.864 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	297146		
182	94.6	76.8	115.2	
145	33.5	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.539 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF104991.D

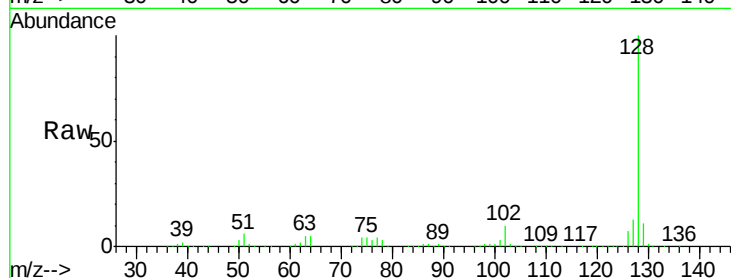
Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD



Tgt Ion:128 Resp: 1005828

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

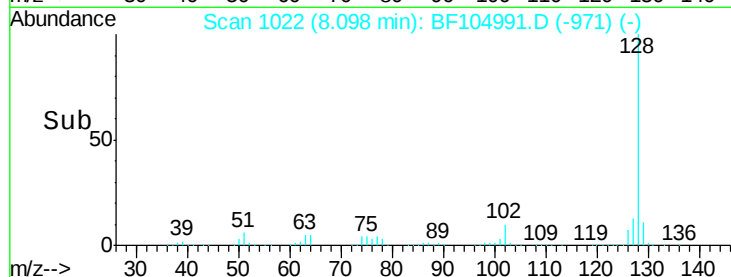
127 13.5 10.9 16.3

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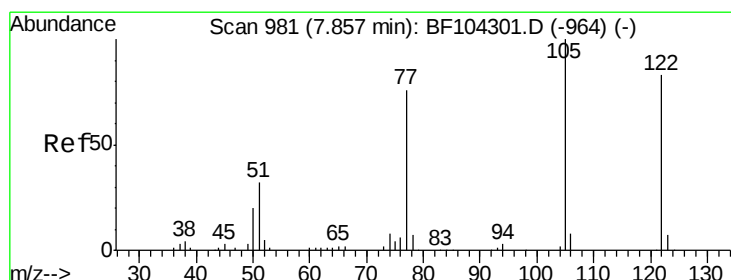
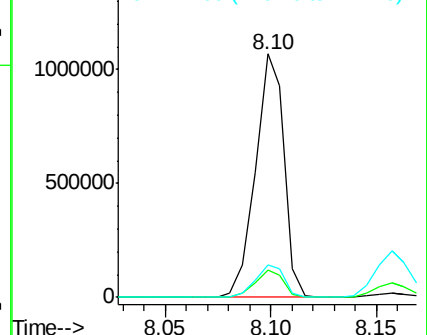
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.422 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

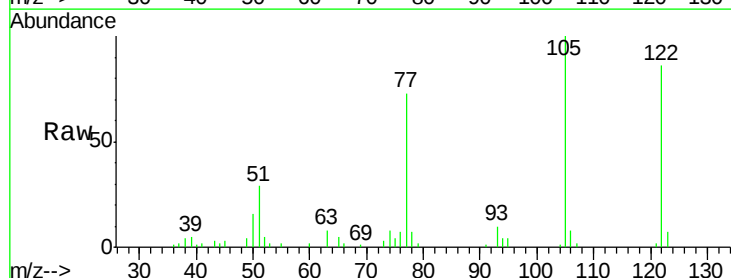
Tgt Ion:122 Resp: 43240

Ion Ratio Lower Upper

122 100

105 116.7 101.1 141.1

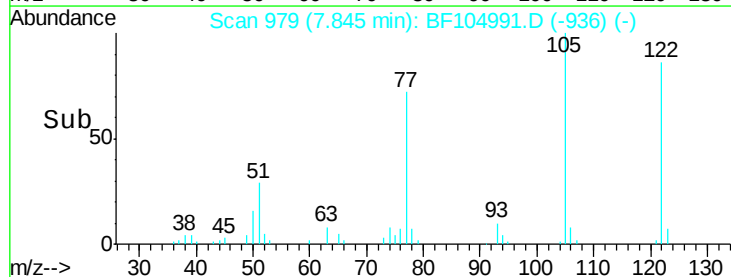
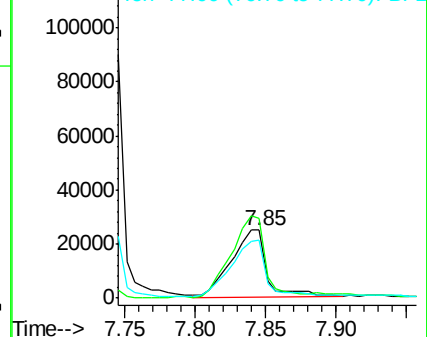
77 85.1 70.7 110.7

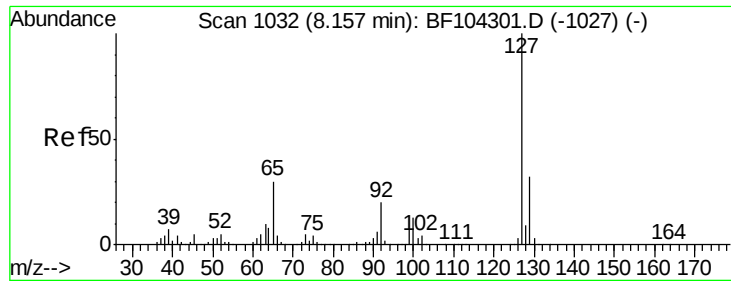


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





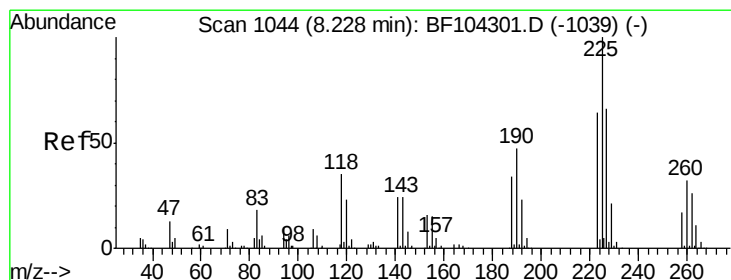
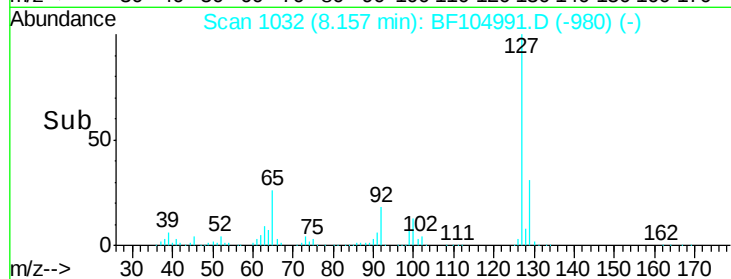
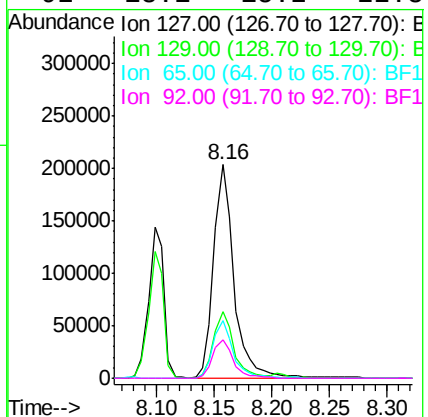
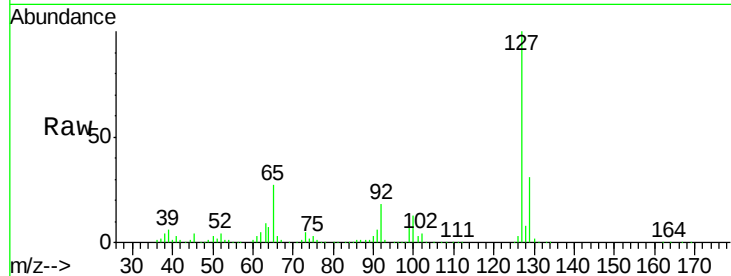
#33
4-Chloroaniline
Concen: 22.860 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	249135		
129	31.1	25.9	38.9	
65	26.9	25.0	37.4	
92	18.1	15.2	22.8	

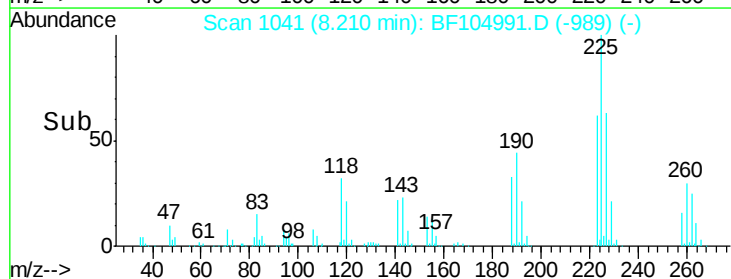
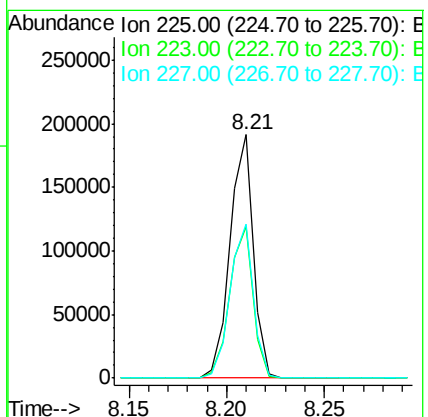
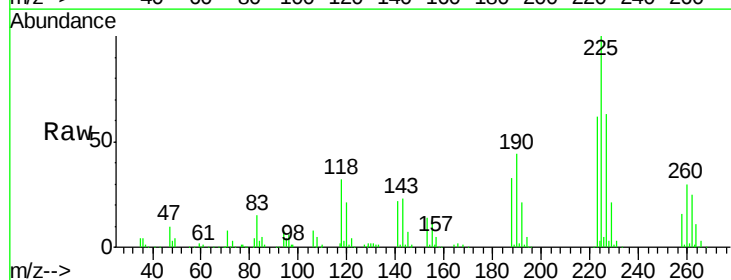
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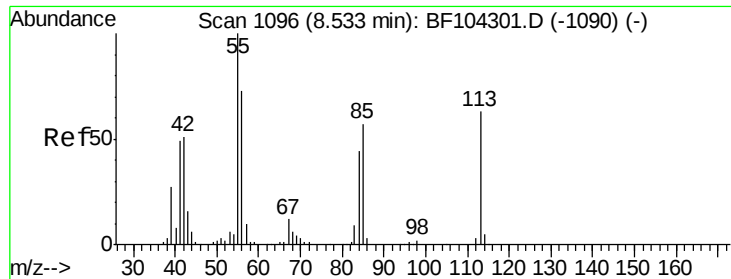
Sohil
5/2/2018 4:21:32 PM



#34
Hexachlorobutadiene
Concen: 37.679 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157796		
223	62.4	50.6	76.0	
227	63.1	51.9	77.9	





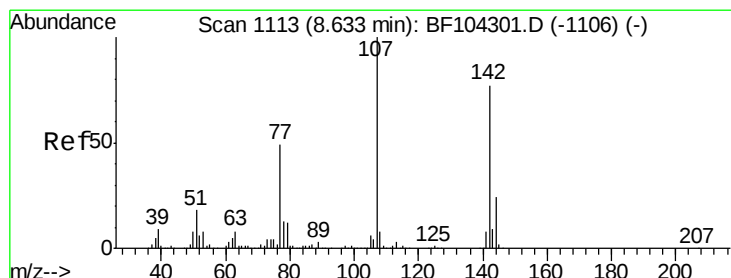
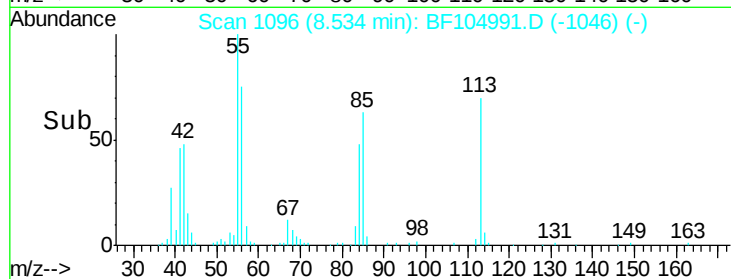
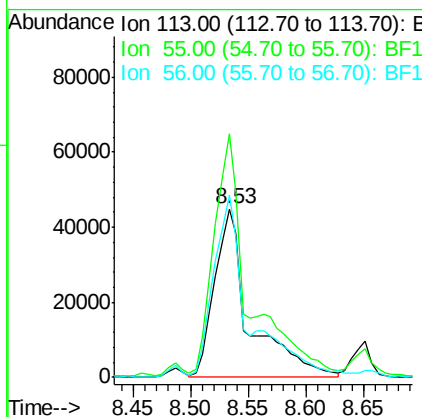
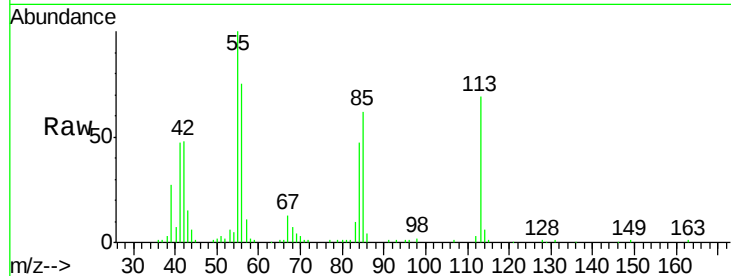
#35
 Caprolactam
 Concen: 39.403 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion:113 Resp: 95764
 Ion Ratio Lower Upper
 113 100
 55 144.5 163.3 203.3#
 56 107.9 115.7 155.7#

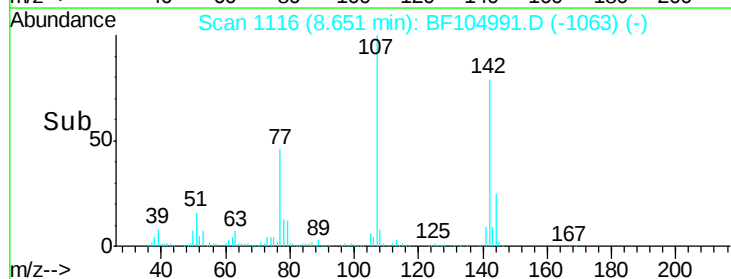
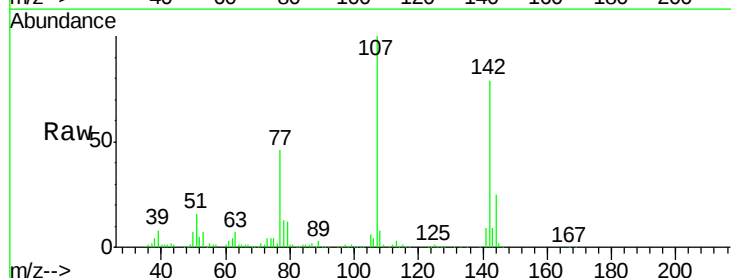
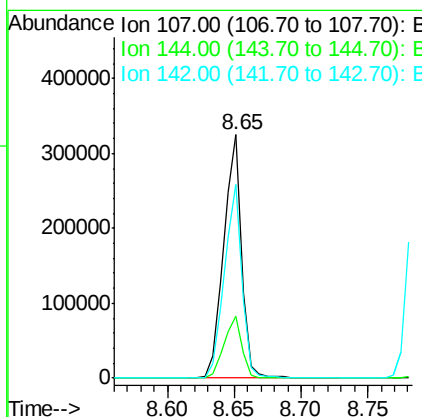
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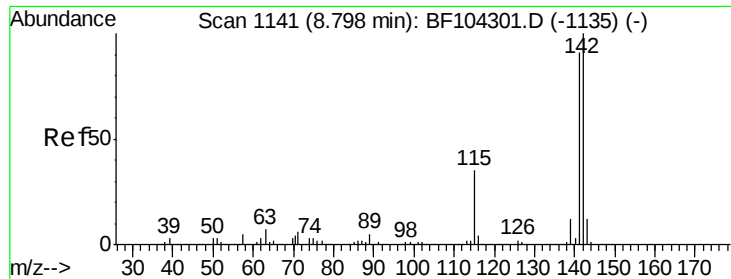
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#36
 4-Chloro-3-methylphenol
 Concen: 41.438 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion:107 Resp: 309552
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 79.5 62.0 93.0





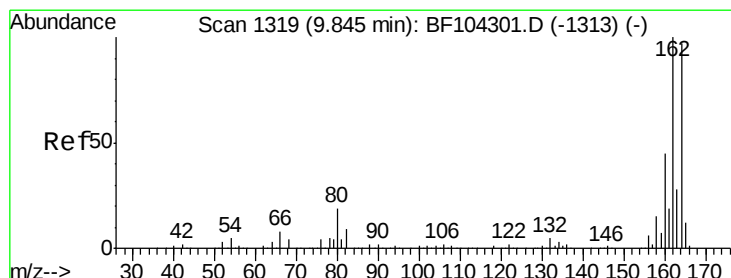
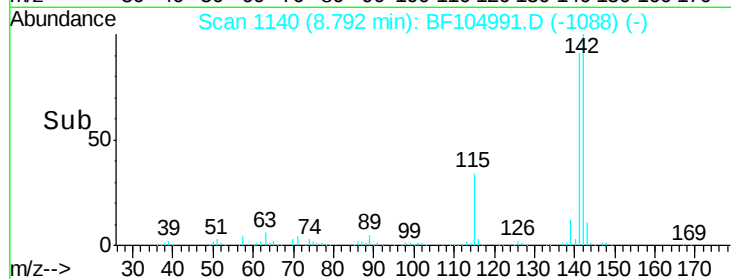
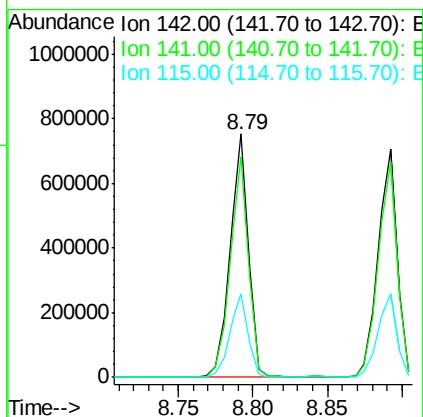
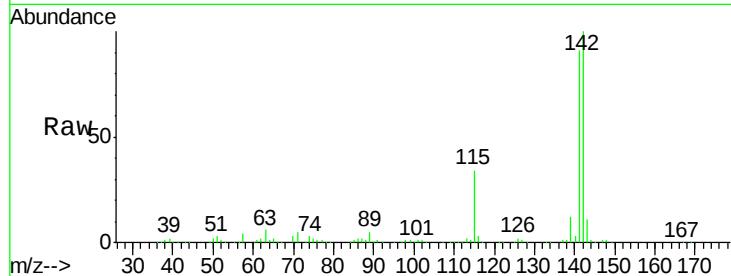
#37
2-Methylnaphthalene
Concen: 39.987 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	34.3	26.1	39.1

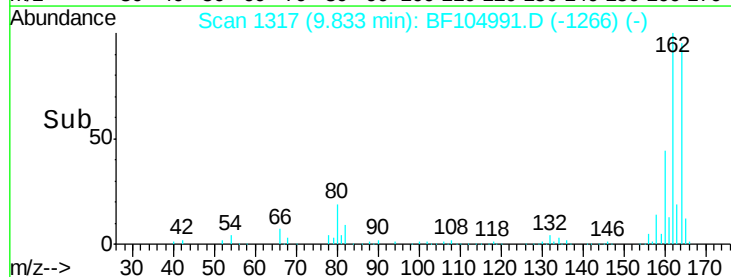
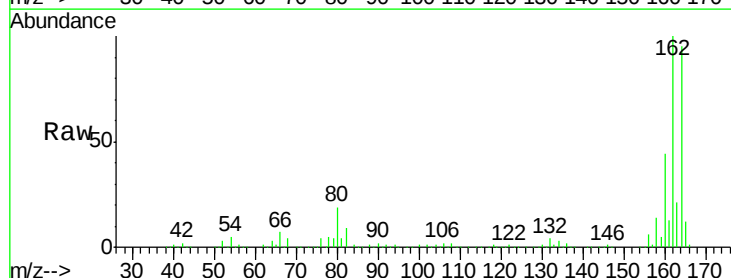
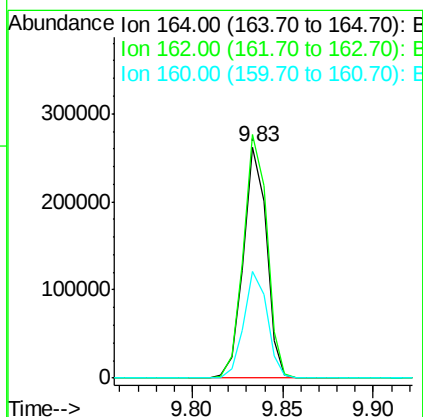
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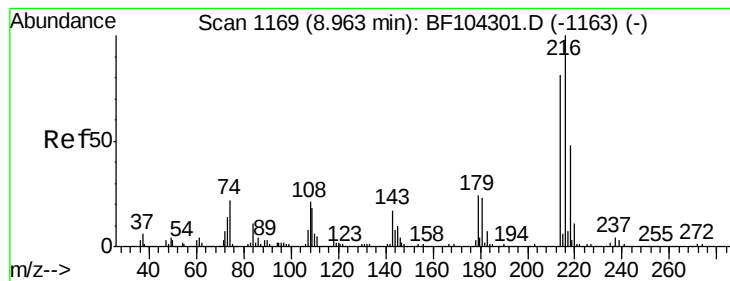
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.658 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

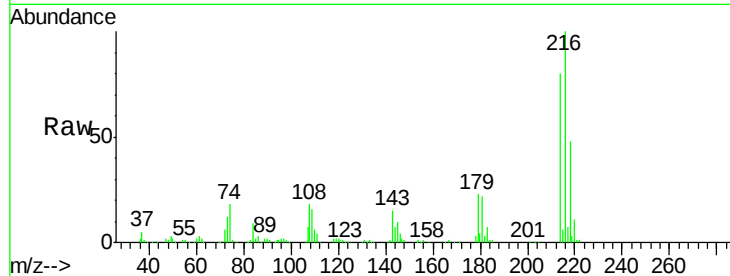
ClientSampleId :

TP-4 0.0-0.5MSD

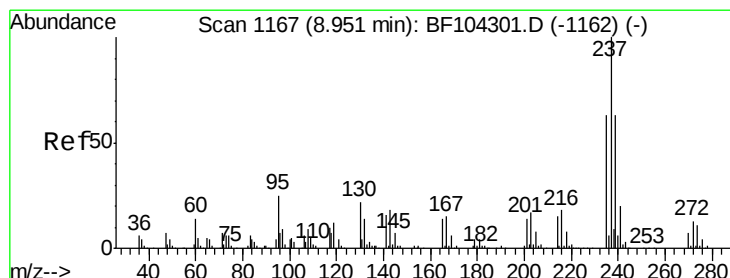
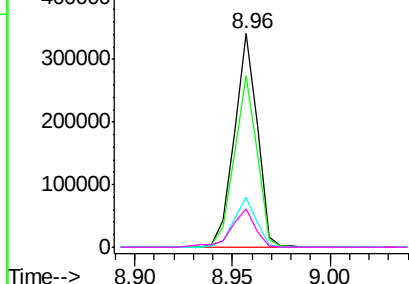
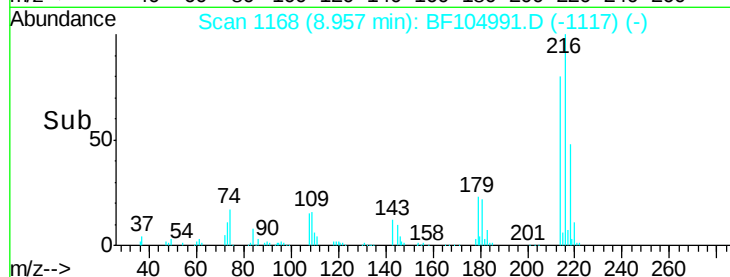
Tgt Ion:	216	Resp:	277609
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.0	94.4
179	23.1	18.1	27.1
108	18.7	17.2	25.8

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



#40

Hexachlorocyclopentadiene

Concen: 19.607 ng

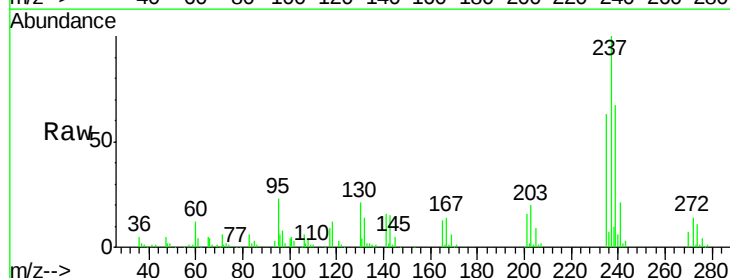
RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

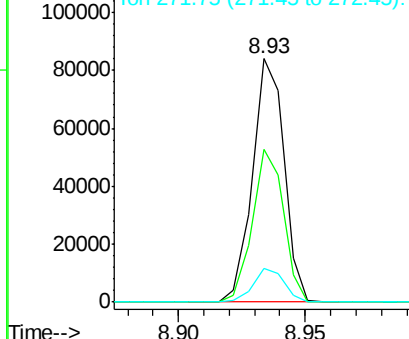
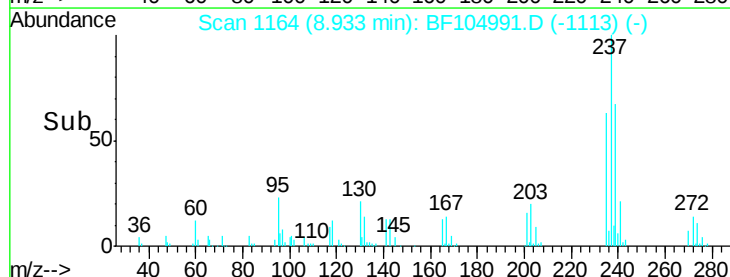
Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	237	Resp:	73148
Ion Ratio	Lower	Upper	
237	100		
235	62.6	44.8	84.8
272	13.8	0.0	33.3



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





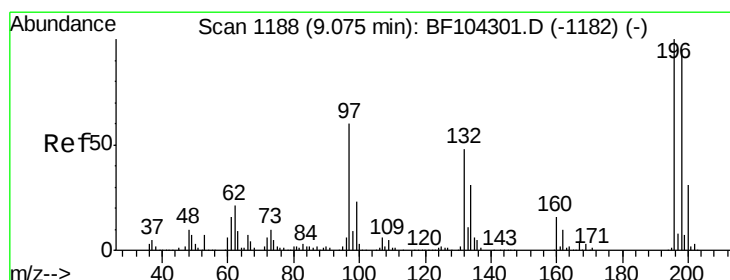
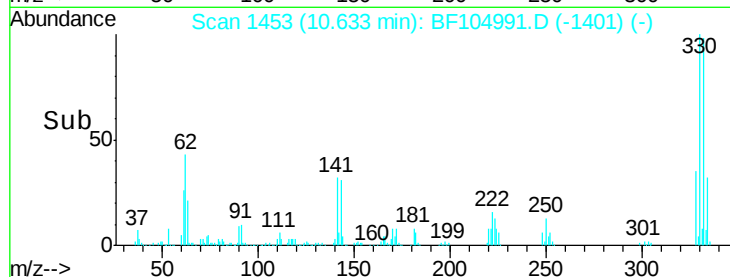
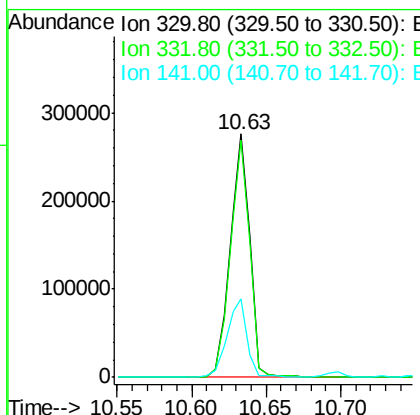
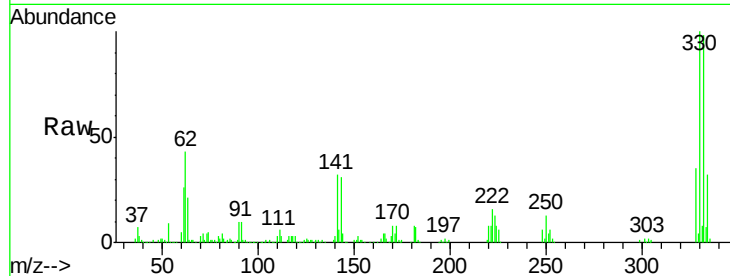
#41
 2,4,6-Tribromophenol
 Concen: 106.528 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	257251		
332	97.4	77.0	115.6	
141	33.4	29.9	44.9	

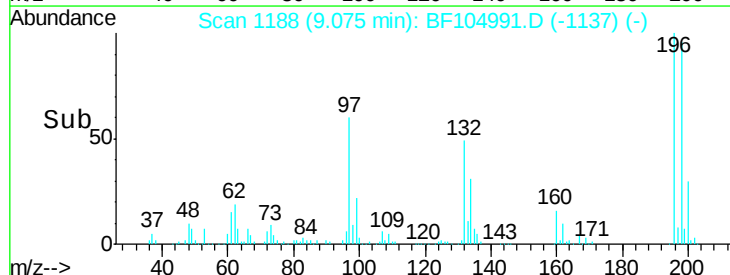
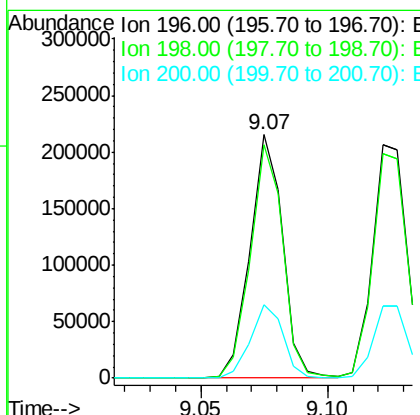
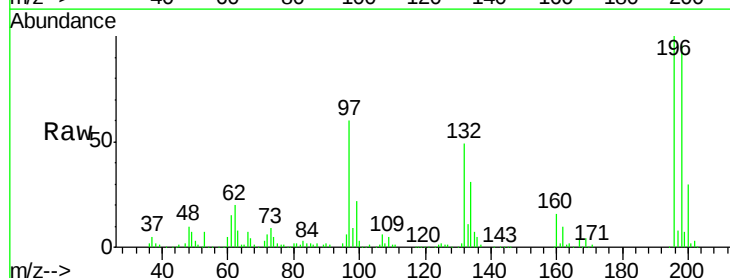
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#42
 2,4,6-Trichlorophenol
 Concen: 41.980 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	194199		
198	95.7	75.7	113.5	
200	30.2	24.5	36.7	





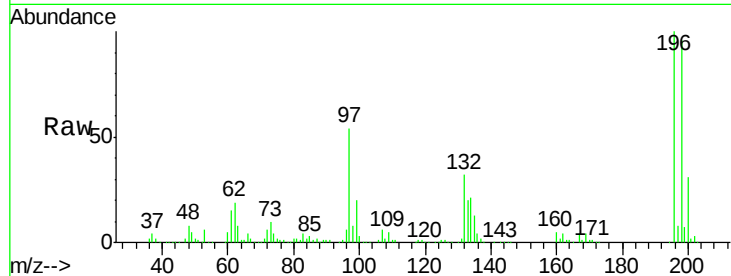
#43
 2,4,5-Trichlorophenol
 Concen: 39.423 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

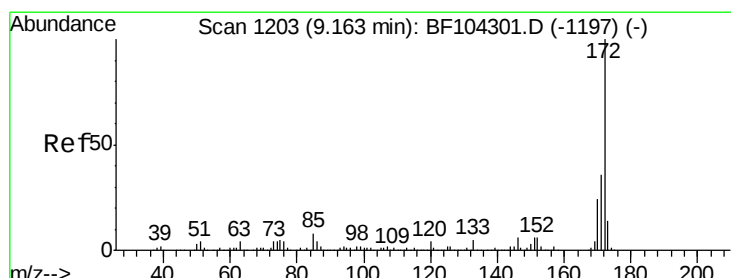
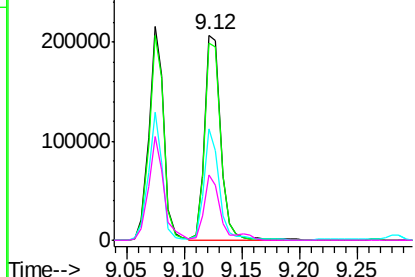
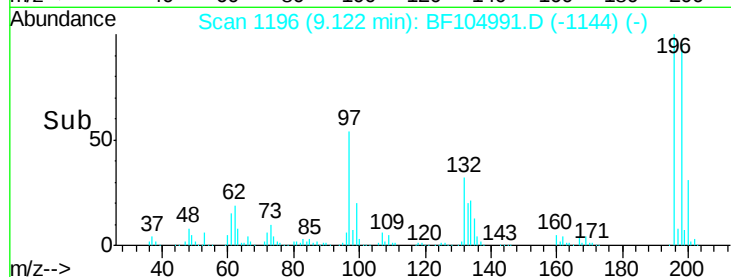
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204080		
198	96.3	74.6	112.0	
97	54.4	42.9	64.3	
132	31.8	26.3	39.5	

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 5/2/2018 4:21:32 PM

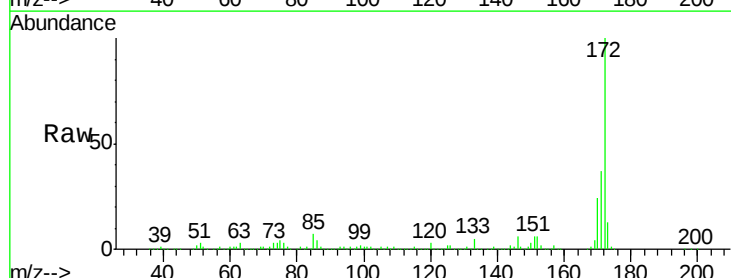


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

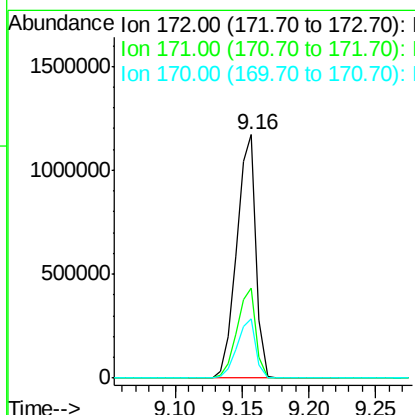
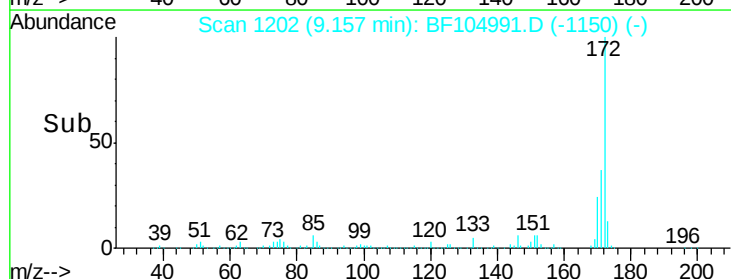


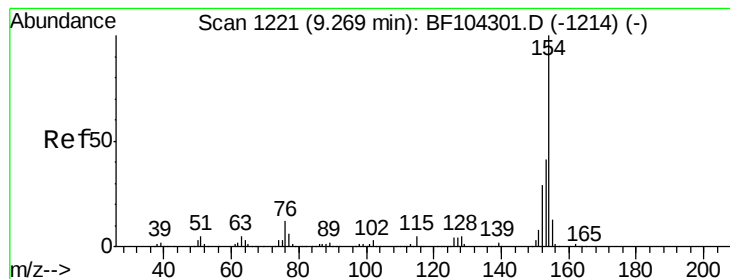
#44
 2-Fluorobiphenyl
 Concen: 79.830 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1176393		
171	36.8	29.7	44.5	
170	24.1	19.6	29.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.483 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

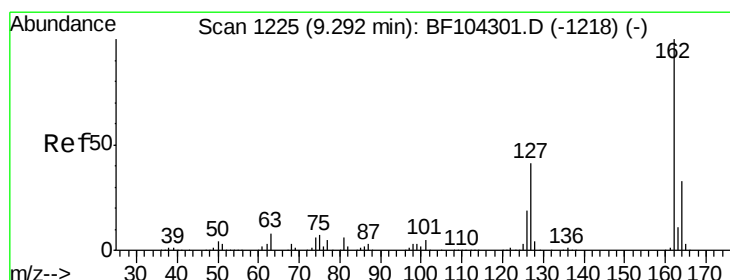
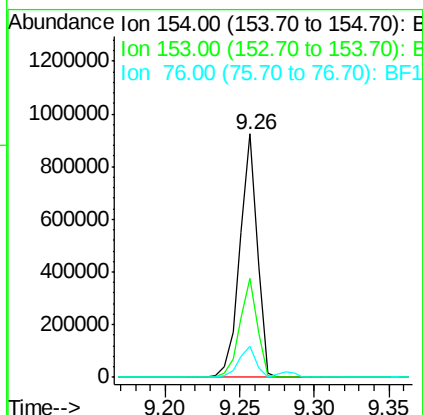
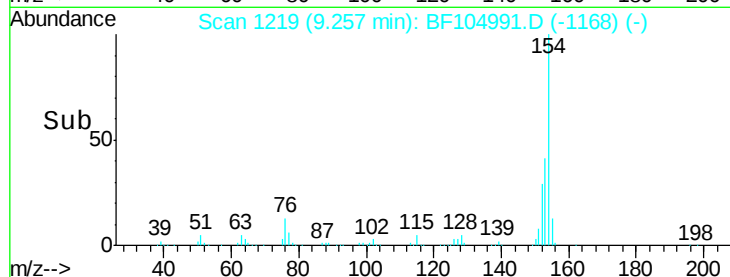
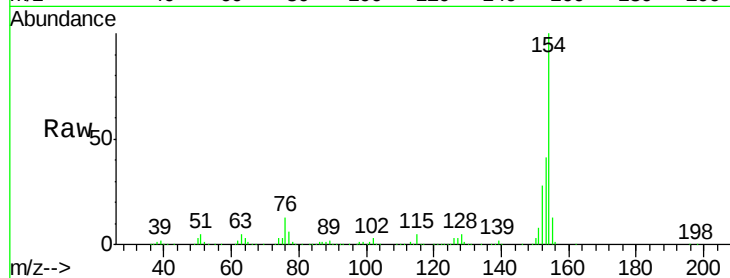
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	154	Resp:	752591
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	12.7	0.0	34.0

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5/2/2018 4:21:32 PM



#46

2-Chloronaphthalene

Concen: 38.809 ng

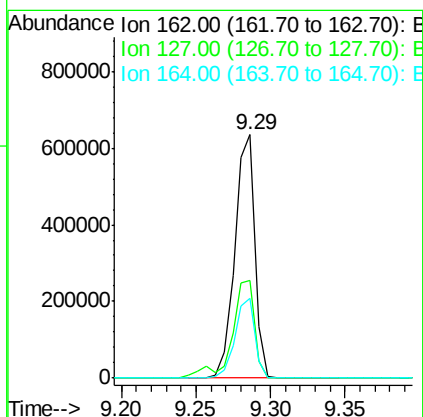
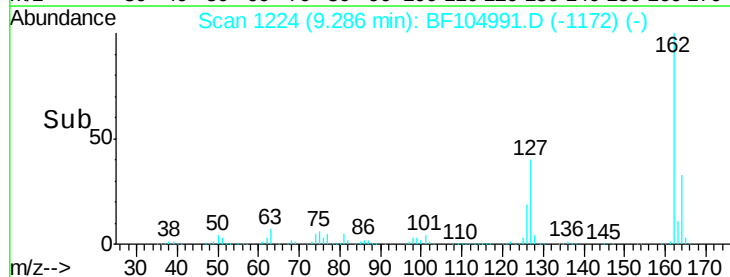
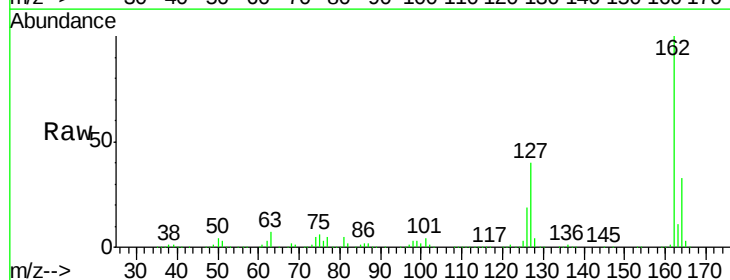
RT: 9.29 min Scan# 1224

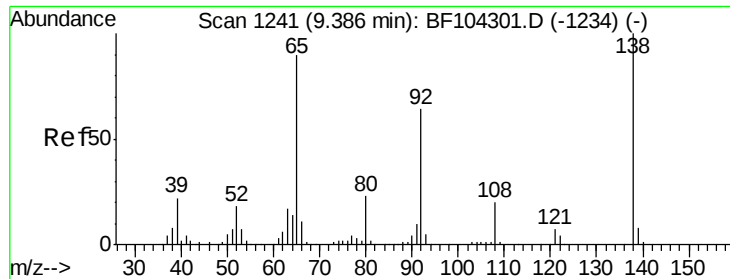
Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	162	Resp:	599496
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	32.7	26.5	39.7





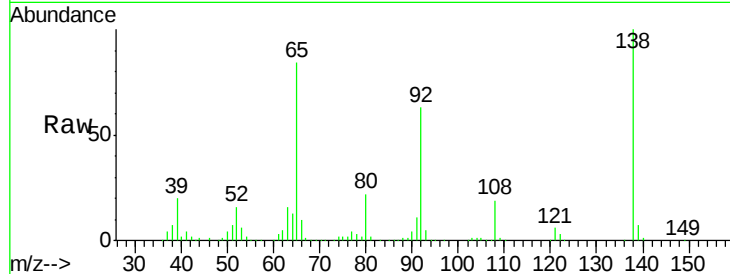
#47
2-Nitroaniline
Concen: 46.736 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	55.8	83.6
138	119.6	91.2	136.8

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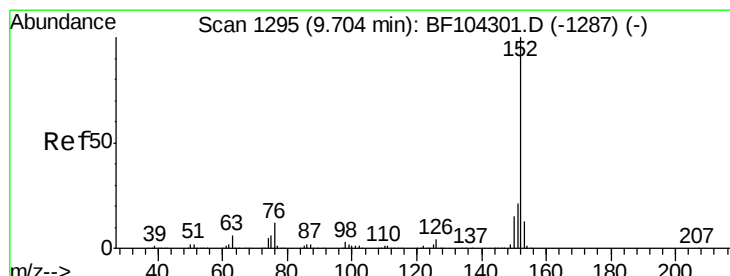
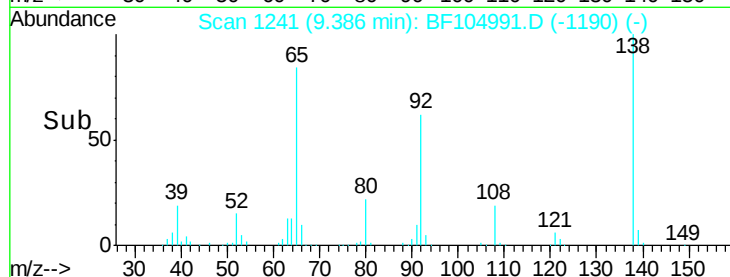
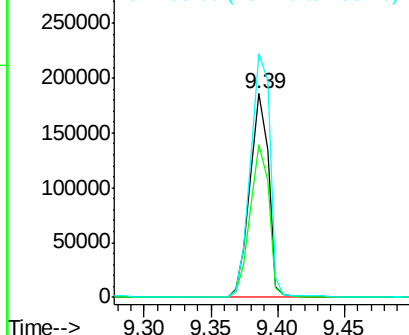


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 36.393 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

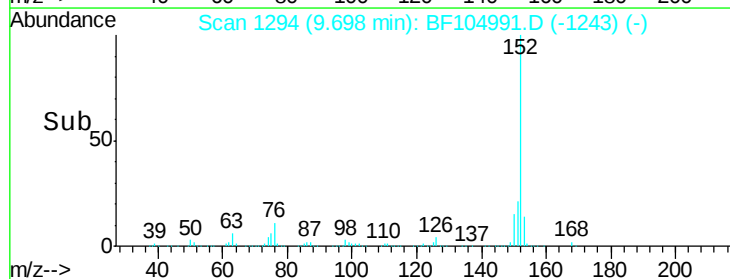
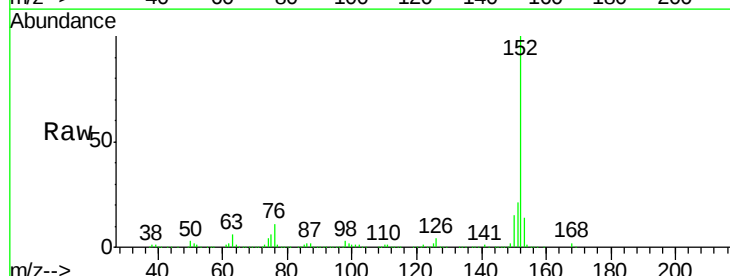
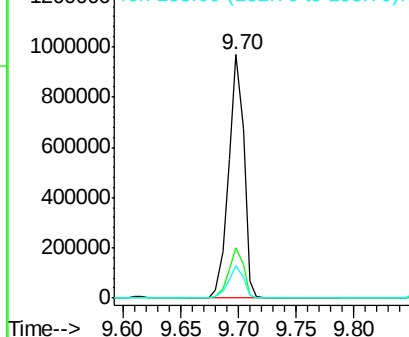
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.6	10.7	16.1

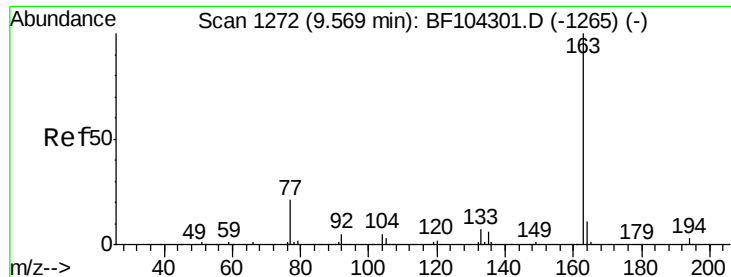
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





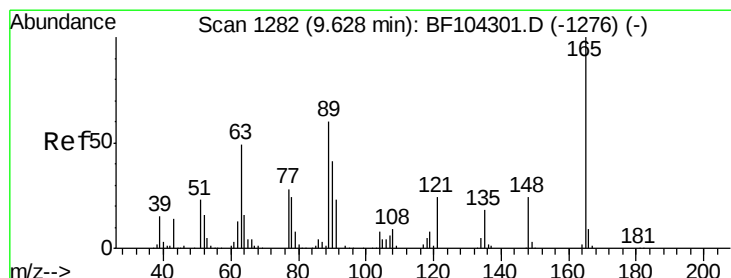
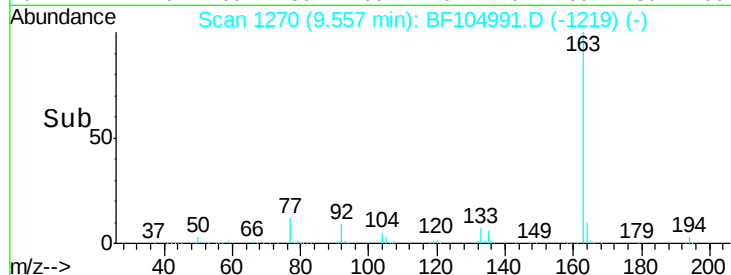
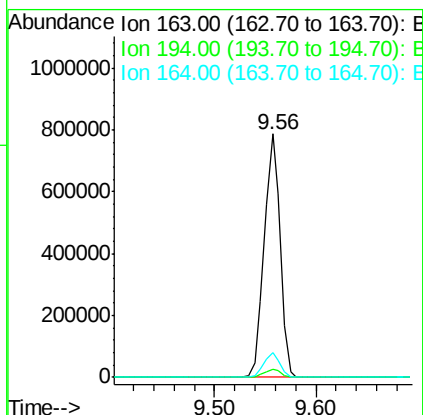
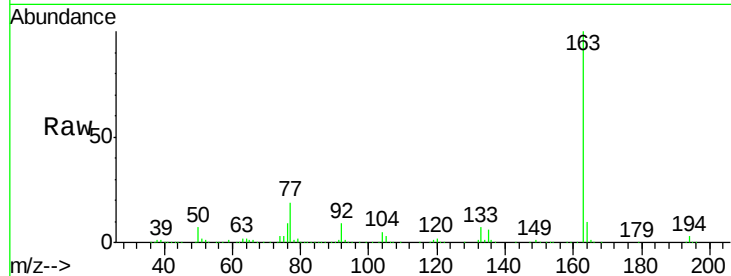
#49
Dimethylphthalate
Concen: 46.767 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	858545		
194	3.4	2.7	4.1	
164	10.4	8.2	12.2	

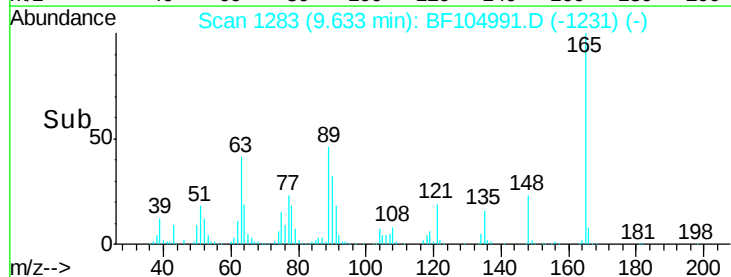
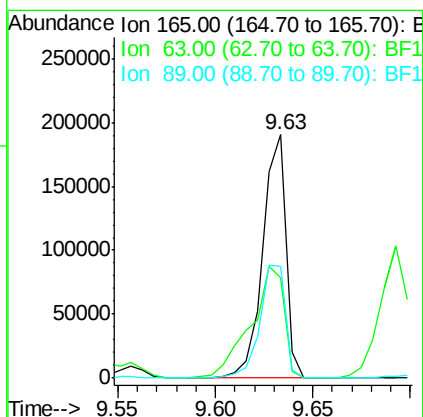
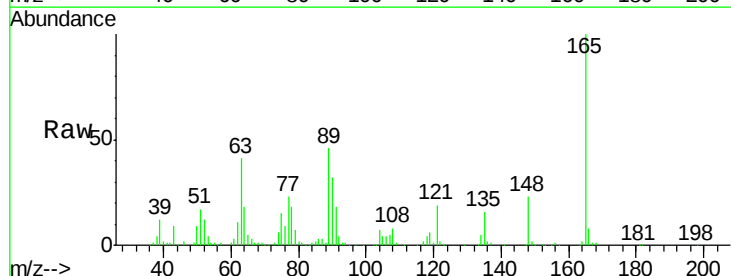
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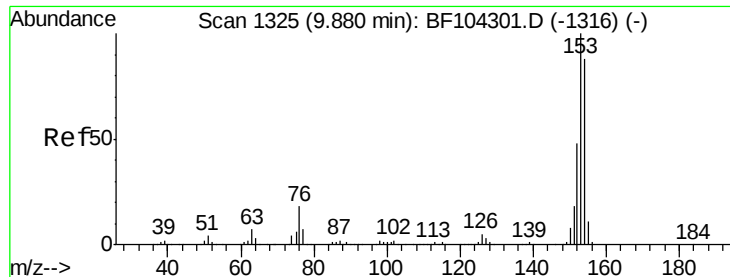
Sohil
5/2/2018 4:21:32 PM



#50
2,6-Dinitrotoluene
Concen: 46.197 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	156926		
63	41.4	44.7	67.1#	
89	45.8	44.0	66.0	





#51

Acenaphthene

Concen: 38.636 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

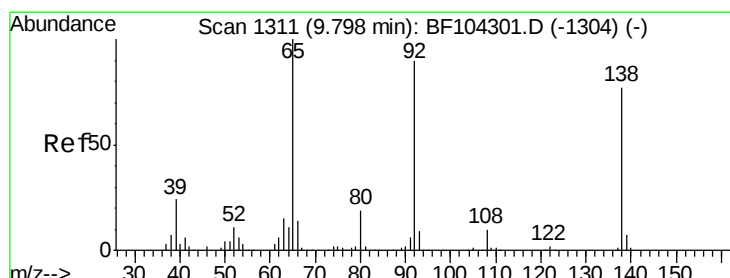
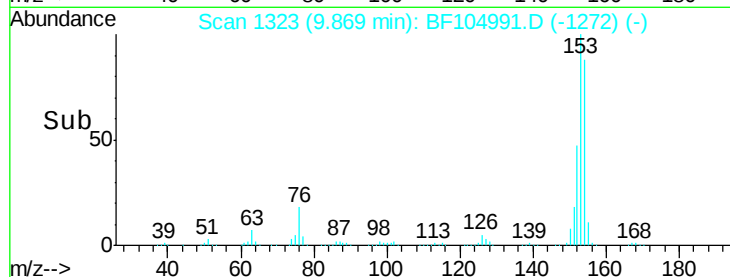
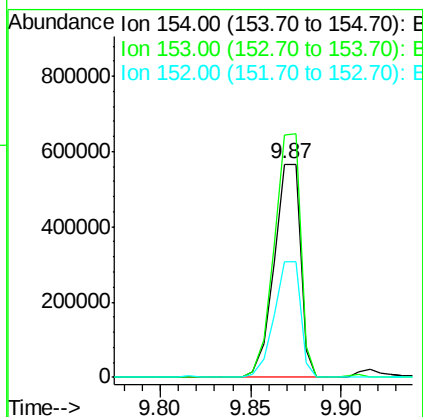
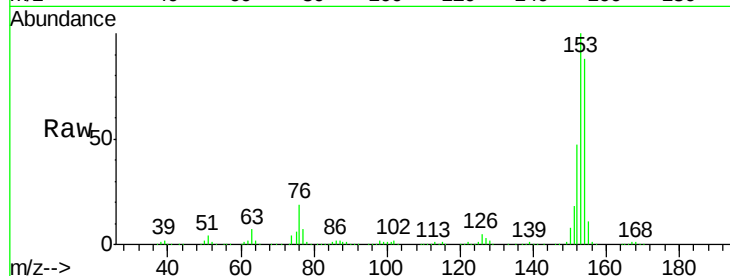
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	154	Resp:	571325
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	54.0	43.8	65.8

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5/2/2018 4:21:32 PM



#52

3-Nitroaniline

Concen: 35.353 ng

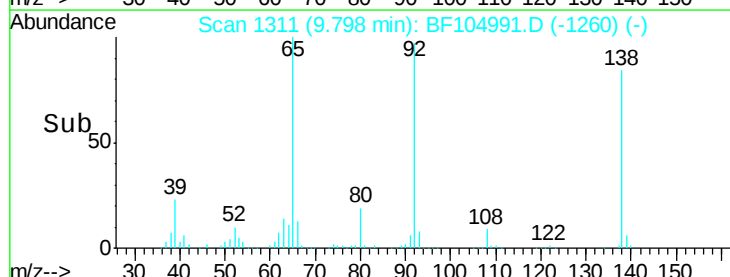
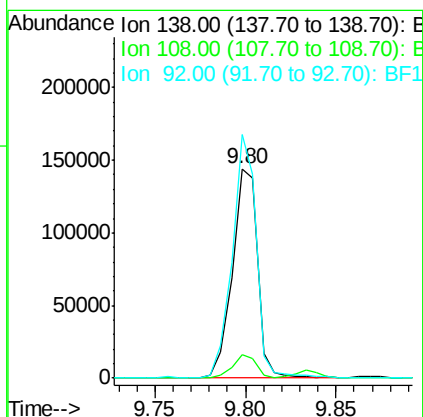
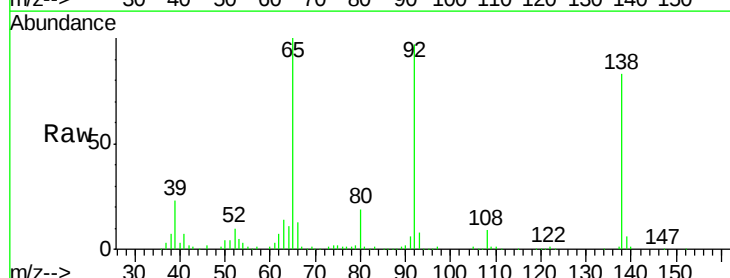
RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	138	Resp:	140591
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.4	14.0
92	116.4	89.4	134.2





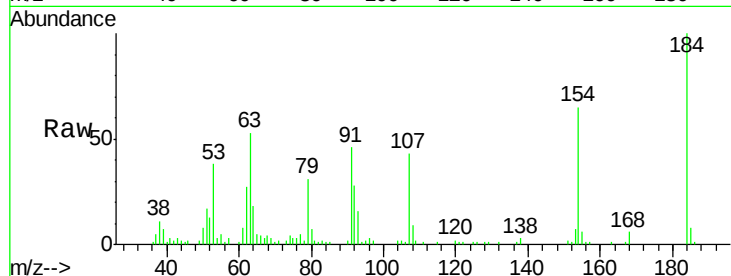
#53
2,4-Dinitrophenol
Concen: 35.735 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

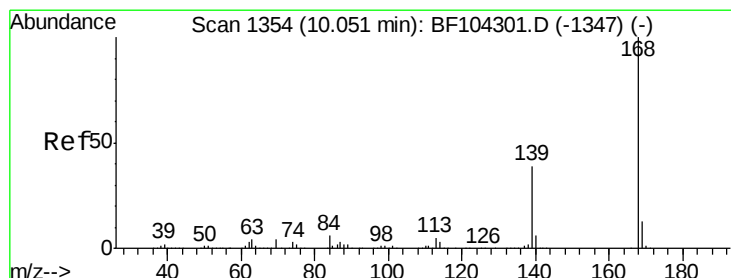
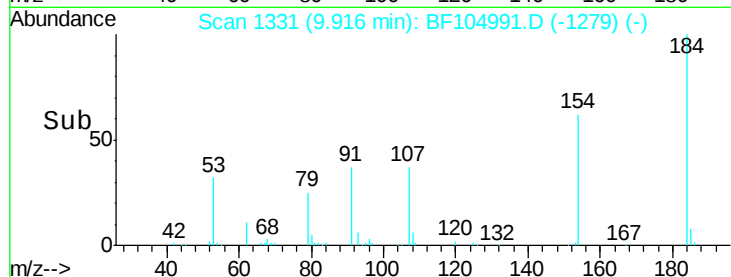
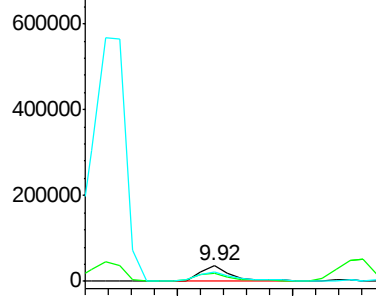
Tgt Ion:184 Resp: 35425
Ion Ratio Lower Upper
184 100
63 52.8 54.2 81.2#
154 65.2 184.0 276.0#

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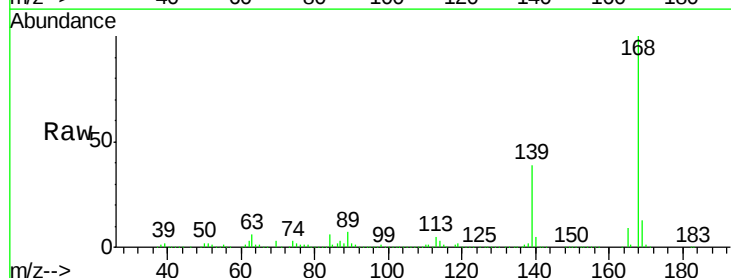


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

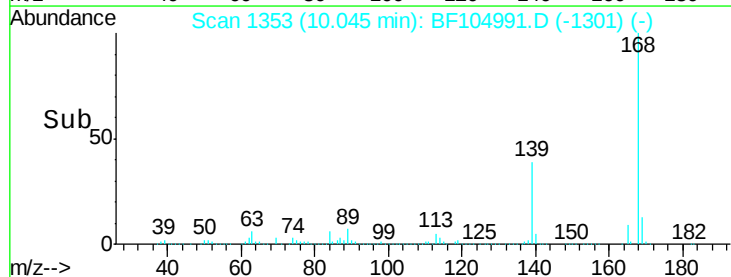
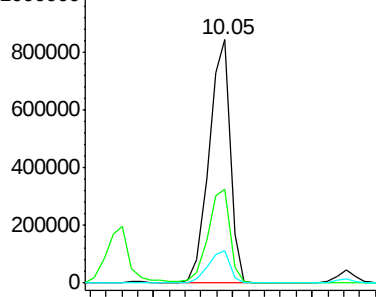


#54
Dibenzofuran
Concen: 37.825 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion:168 Resp: 779486
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.1 10.9 16.3



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





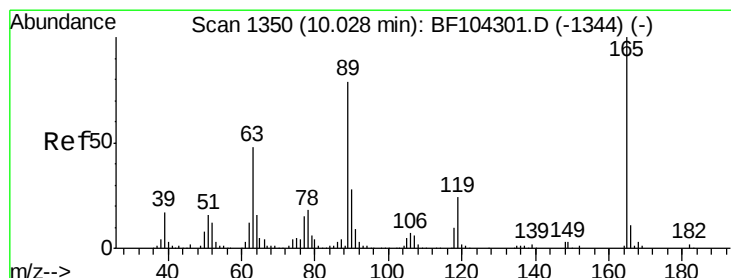
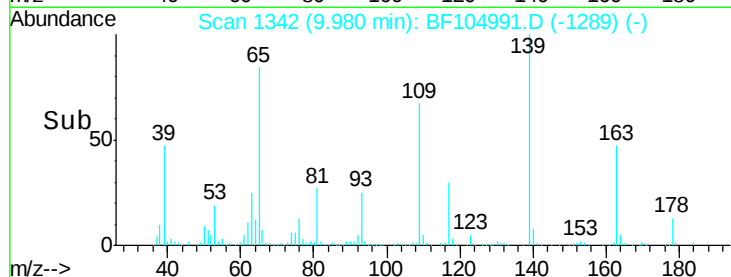
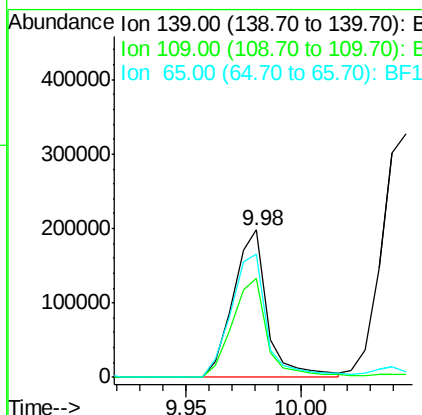
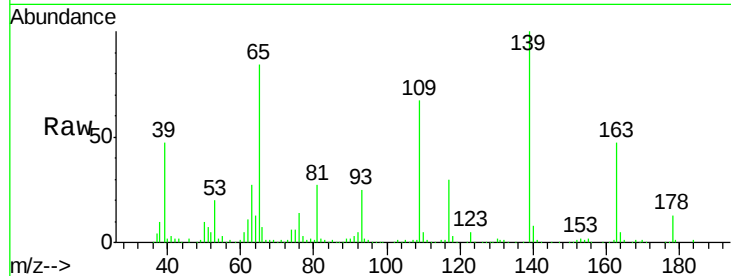
#55
4-Nitrophenol
Concen: 65.432 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	204401		
109	66.9	48.4	88.4	
65	83.9	72.6	112.6	

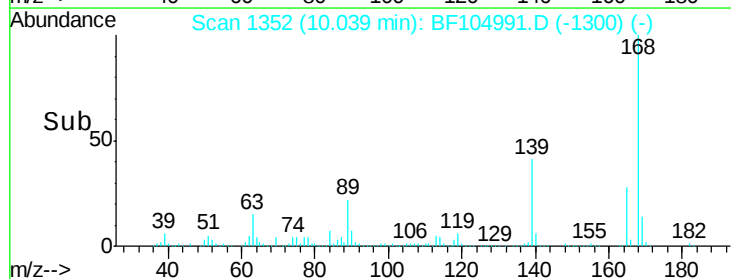
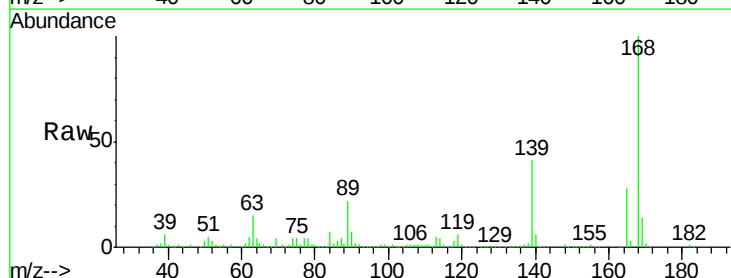
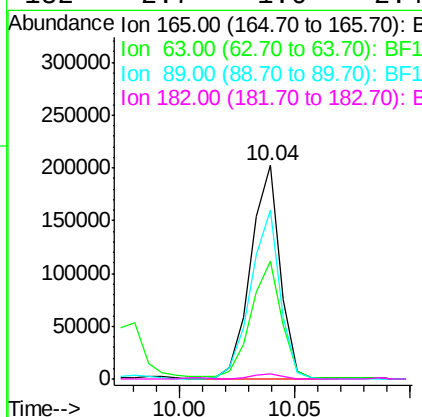
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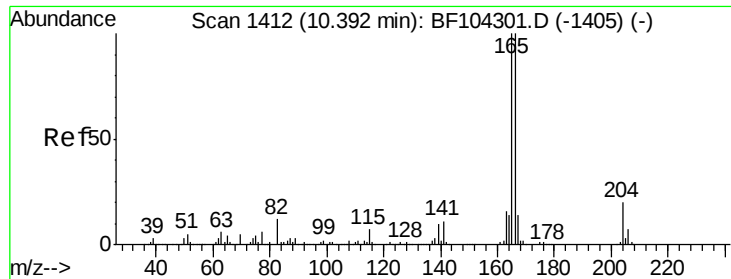
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#56
2,4-Dinitrotoluene
Concen: 40.251 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	179349		
63	55.4	36.4	54.6#	
89	79.2	57.8	86.6	
182	2.7	1.6	2.4#	





#57

Fluorene

Concen: 42.902 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

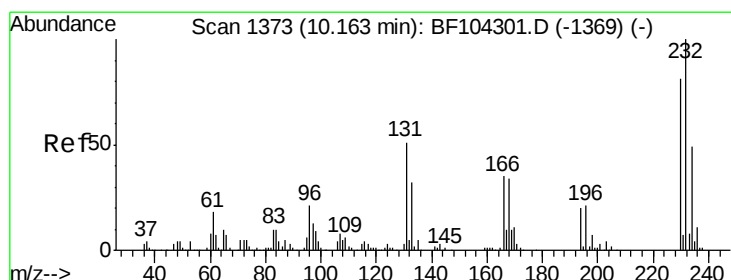
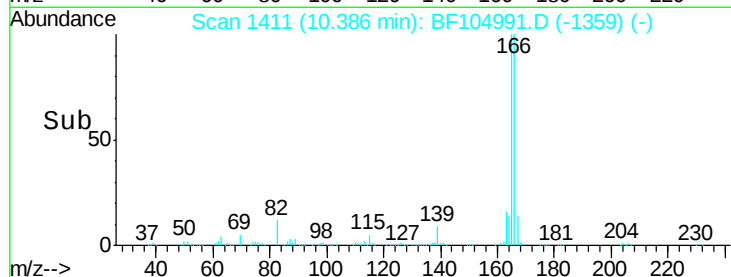
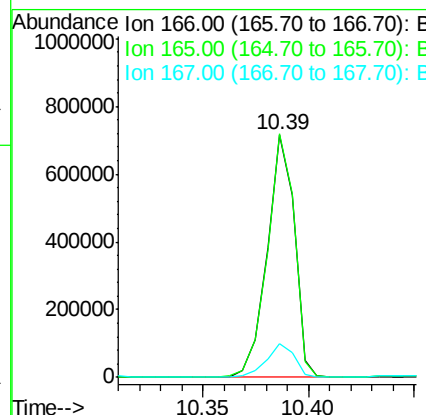
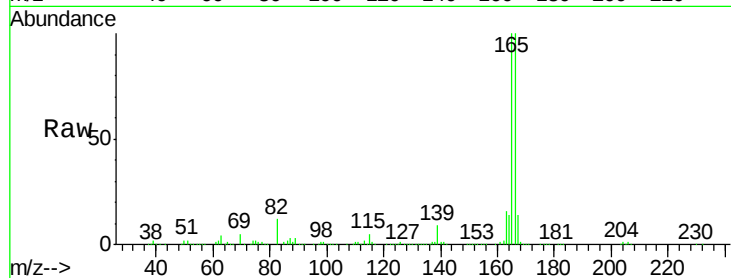
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	166	Resp:	643526
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.8	119.8
167	13.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.119 ng

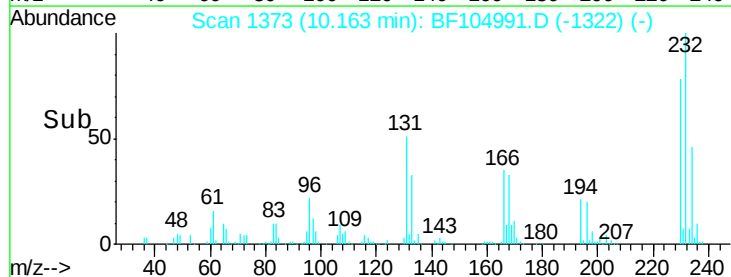
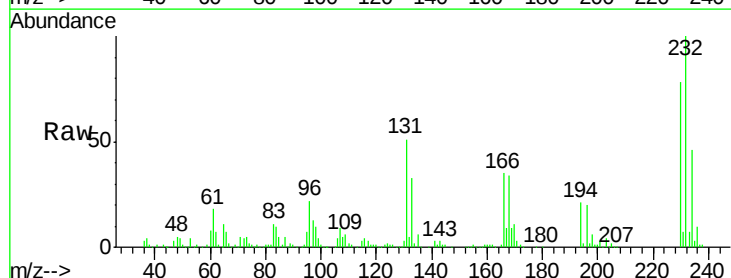
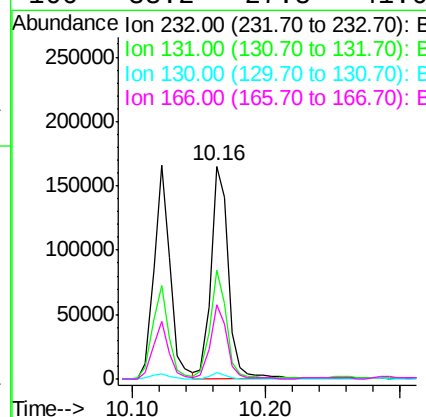
RT: 10.16 min Scan# 1373

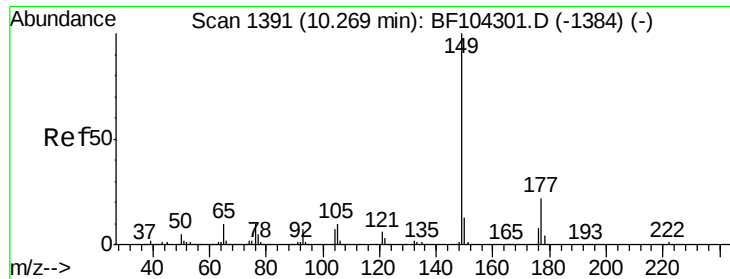
Delta R.T. -0.00 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	232	Resp:	151080
Ion Ratio	Lower	Upper	
232	100		
131	47.2	43.8	65.8
130	2.7	2.1	3.1
166	33.2	27.8	41.6





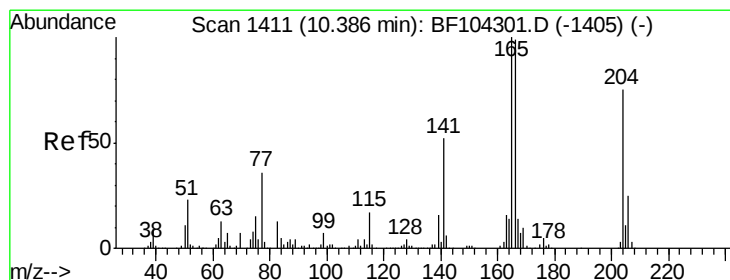
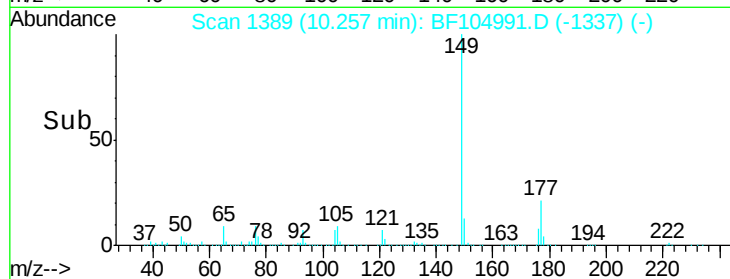
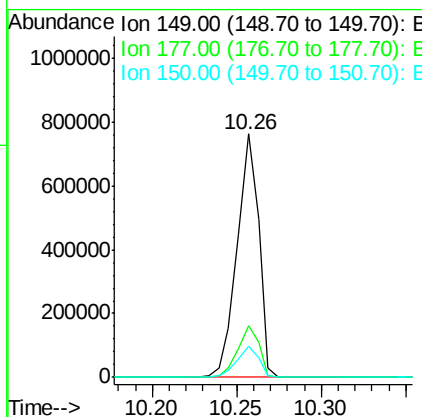
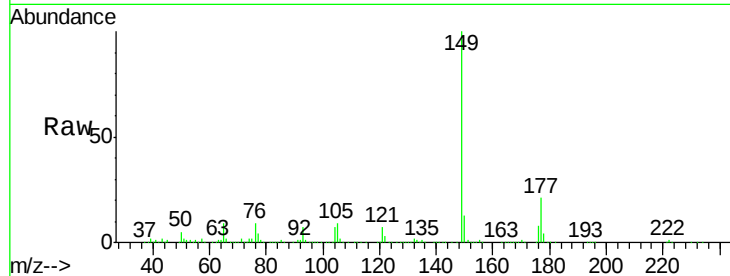
#59
Diethylphthalate
Concen: 37.154 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.7	10.1	15.1

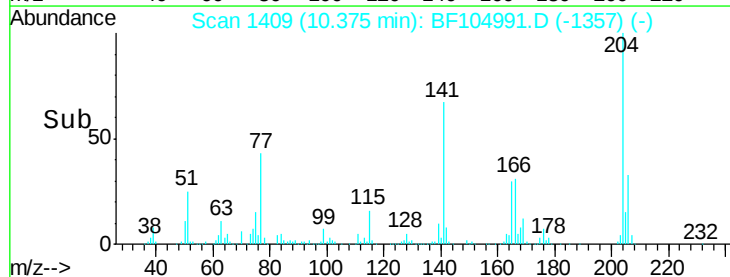
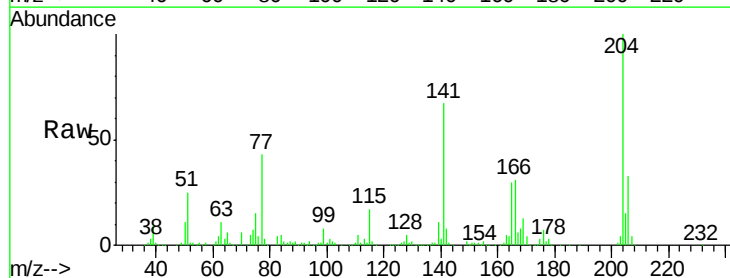
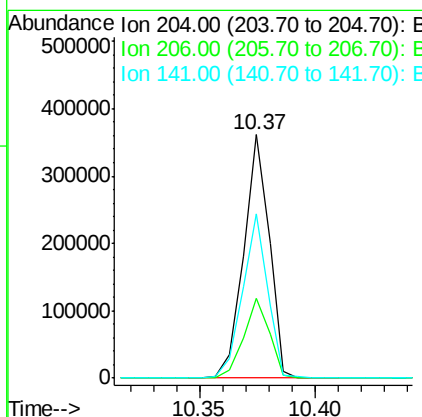
Manual Integrations
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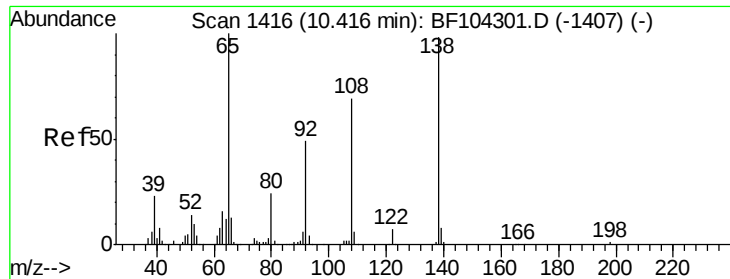
Sohil
5/2/2018 4:21:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.753 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	67.5	54.6	81.8





#61

4-Nitroaniline

Concen: 41.148 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

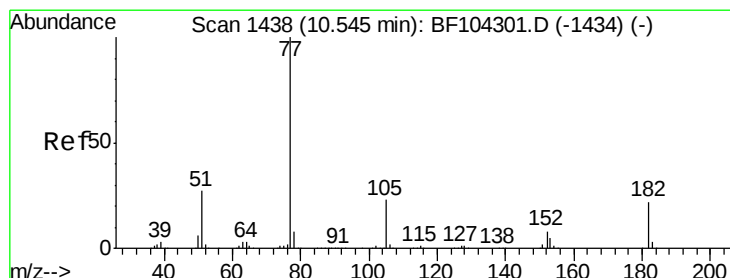
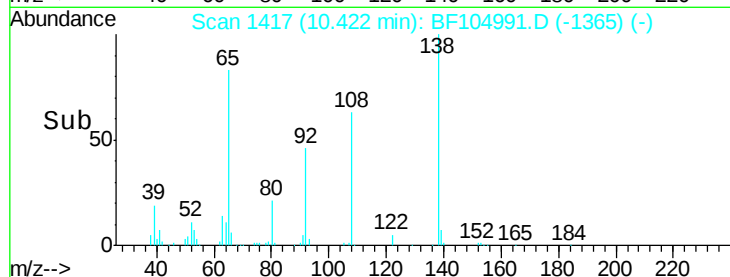
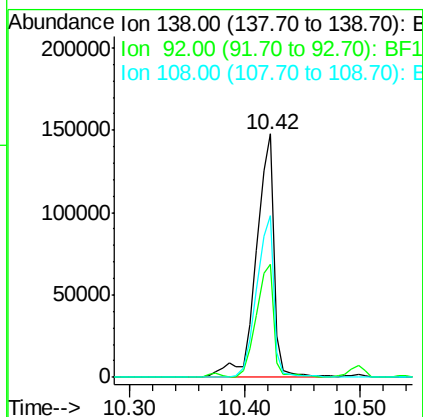
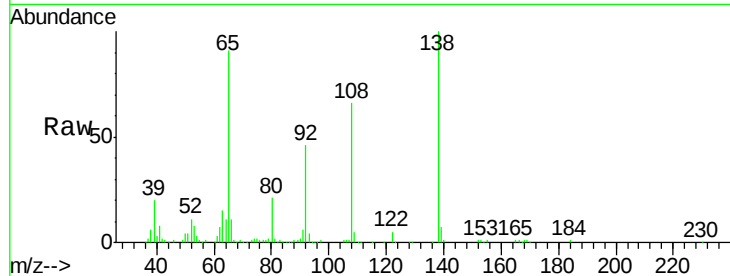
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	138	Resp:	160001
Ion Ratio	Lower	Upper	
138	100		
92	46.4	30.2	70.2
108	66.3	52.5	92.5

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5/2/2018 4:21:32 PM



#62

Azobenzene

Concen: 33.640 ng

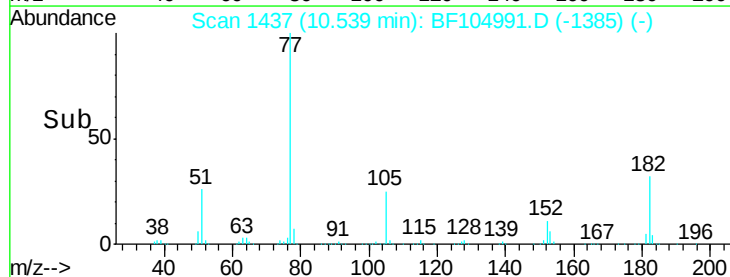
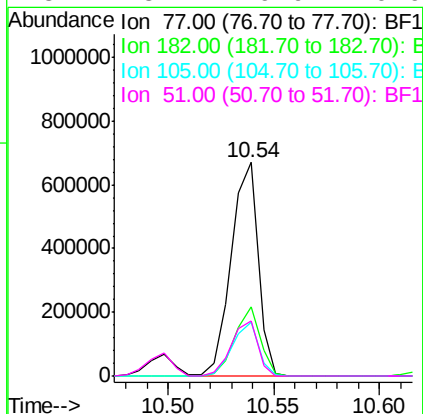
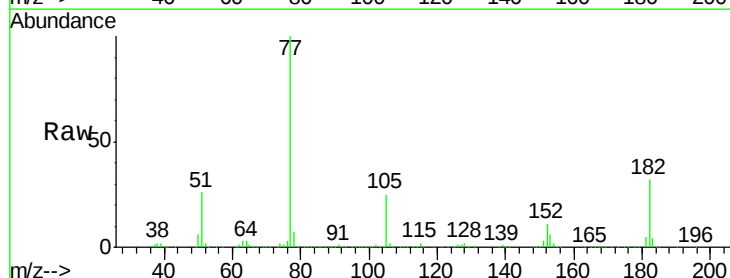
RT: 10.54 min Scan# 1437

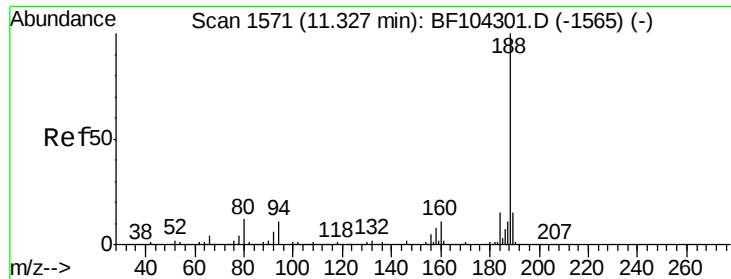
Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	77	Resp:	587611
Ion Ratio	Lower	Upper	
77	100		
182	32.4	1.7	41.7
105	25.0	3.0	43.0
51	25.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

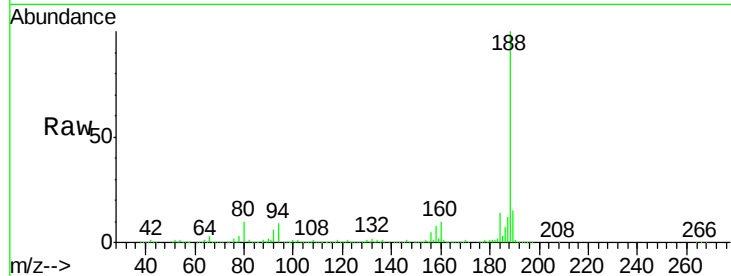
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	188	Resp:	385380
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.5	12.7
80	10.3	9.2	13.8

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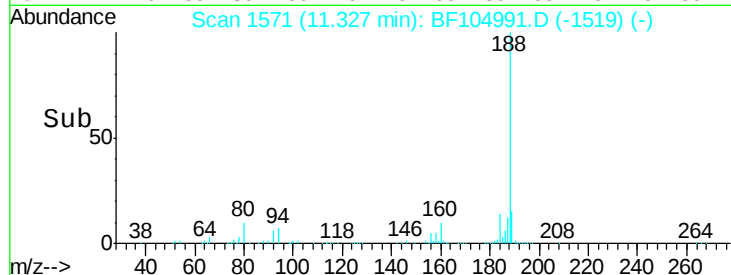


Abundance Ion 188.00 (187.70 to 188.70): E

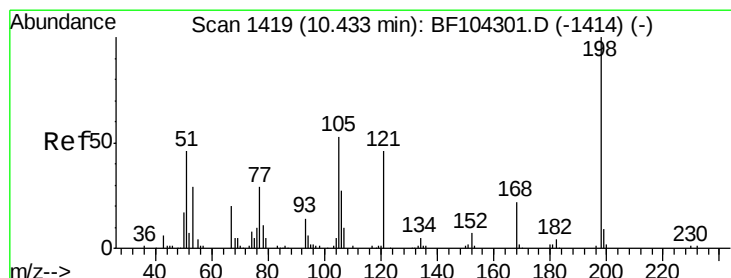
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 23.028 ng

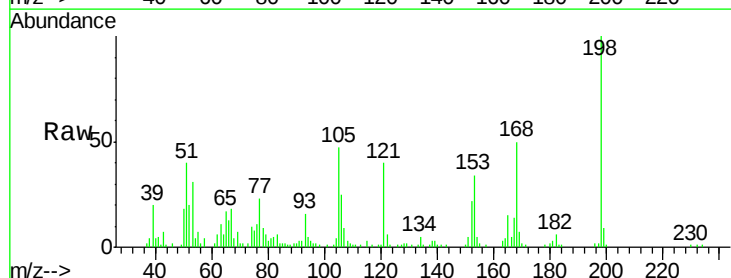
RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	198	Resp:	34751
Ion Ratio	Lower	Upper	
198	100		
51	39.6	37.7	77.7
105	47.4	36.3	76.3

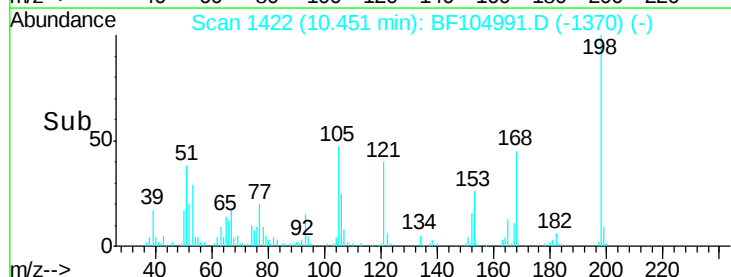


Abundance Ion 198.00 (197.70 to 198.70): E

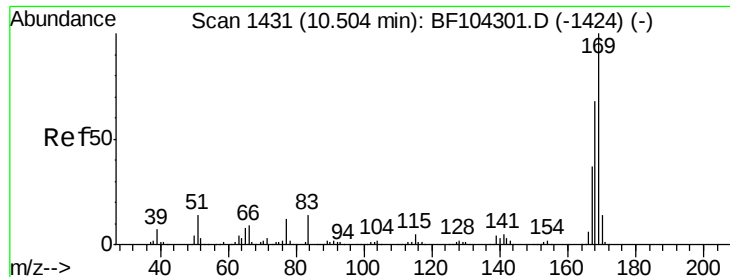
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



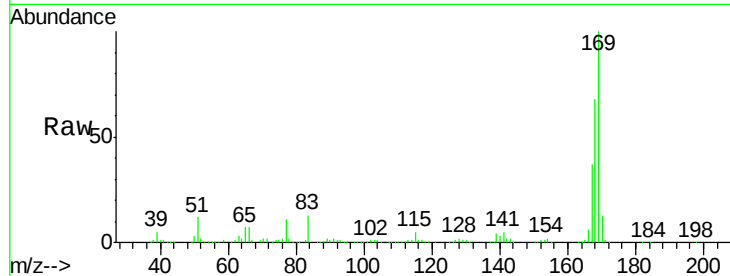
#65
n-Nitrosodiphenylamine
Concen: 41.753 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	557904		
168	67.8	54.4	81.6	
167	37.2	29.8	44.6	

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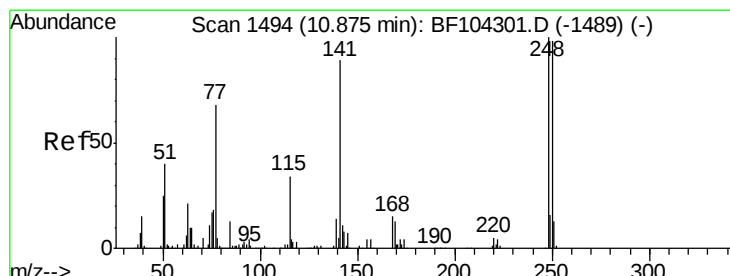
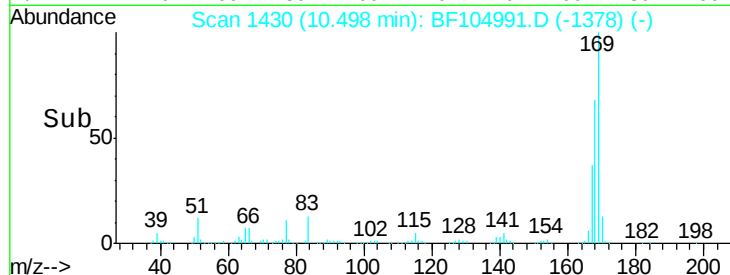
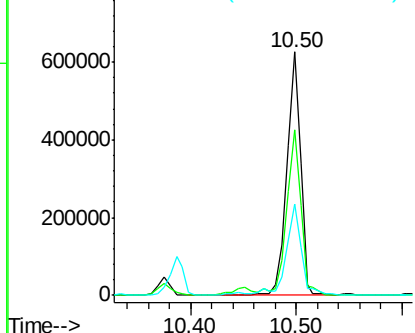


Abundance

Ion 169.00 (168.70 to 169.70): E

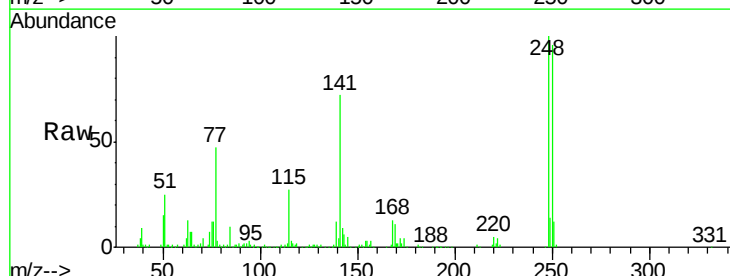
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 41.193 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	168859		
250	95.6	76.9	115.3	
141	71.6	74.4	111.6#	

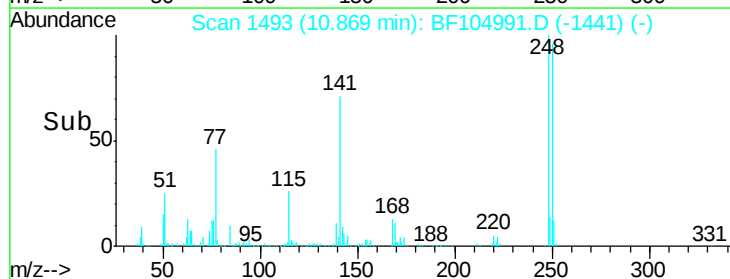
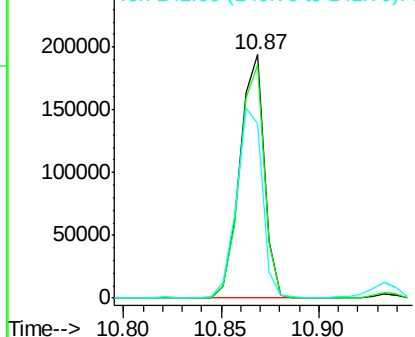


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





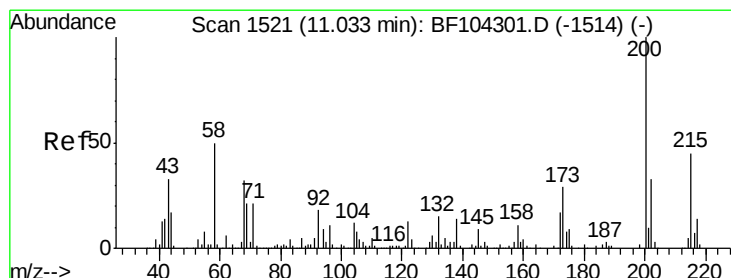
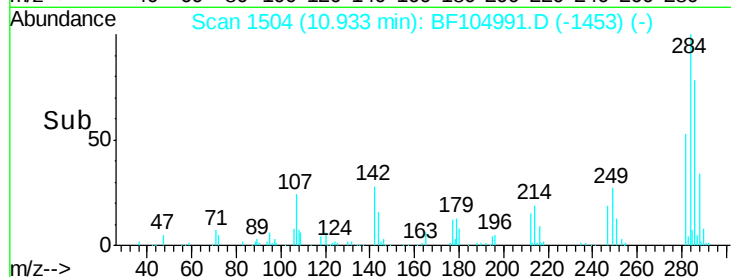
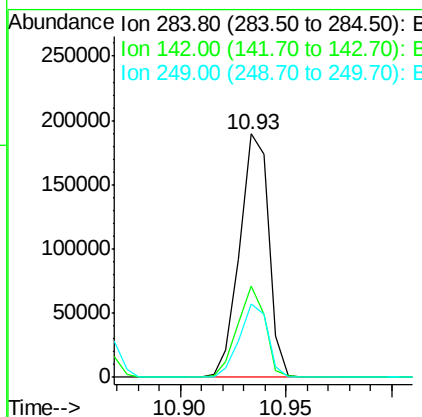
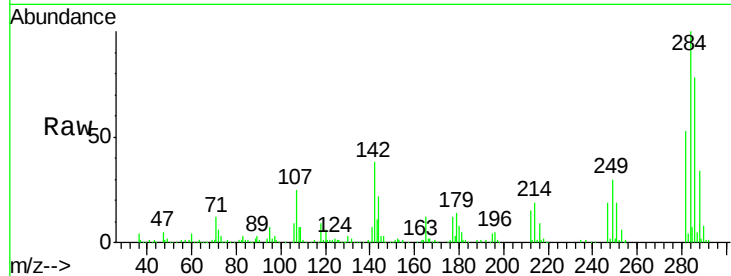
#67
Hexachlorobenzene
Concen: 39.290 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	181226		
142	37.7	34.6	52.0	
249	30.3	24.8	37.2	

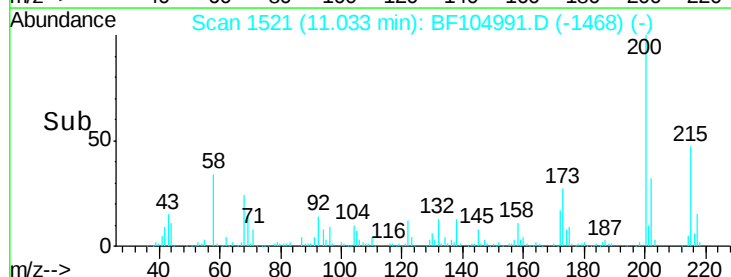
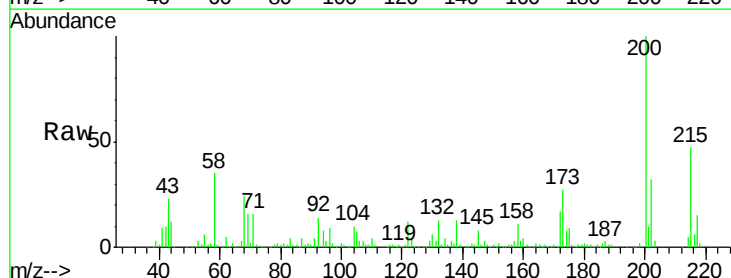
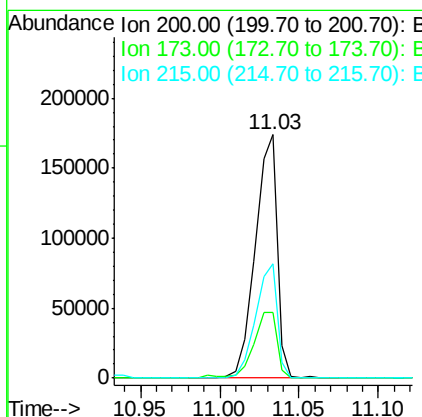
Manual Integrations
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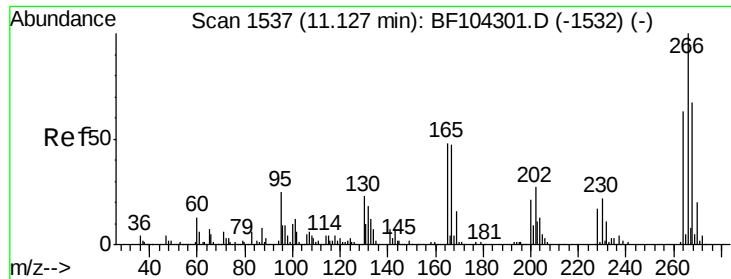
Sohil
5/2/2018 4:21:32 PM



#68
Atrazine
Concen: 41.572 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	167672		
173	27.2	8.6	48.6	
215	47.2	25.1	65.1	





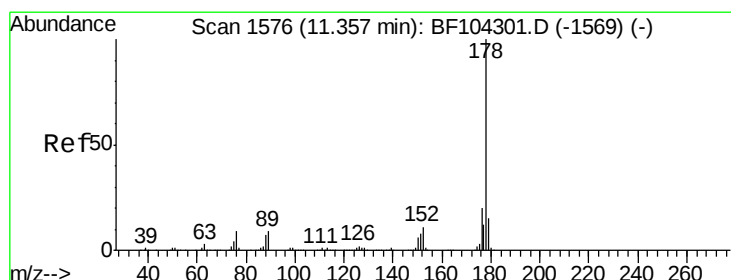
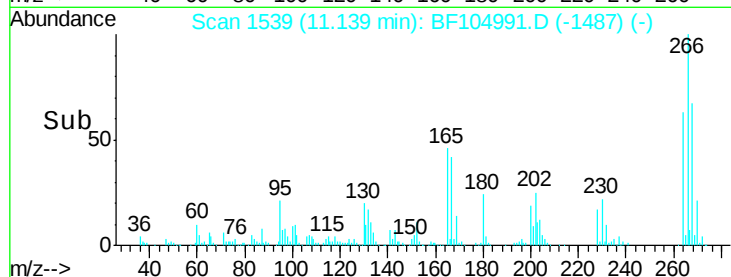
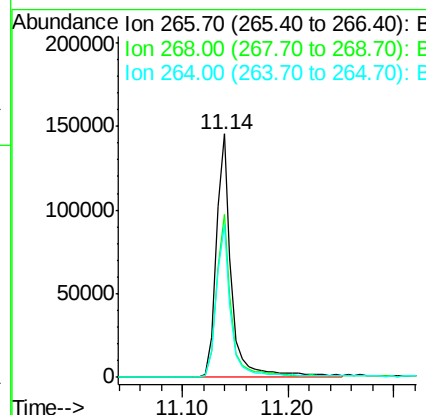
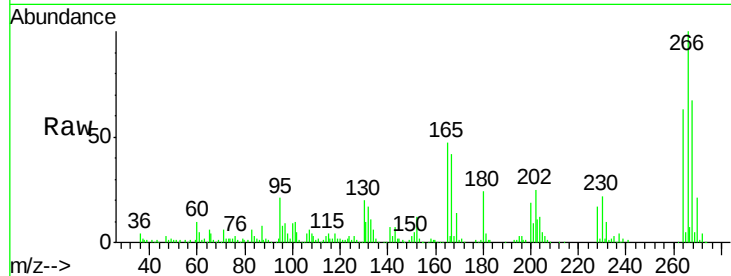
#69
 Pentachlorophenol
 Concen: 52.029 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	148464		
268	66.8	51.1	76.7	
264	62.6	49.5	74.3	

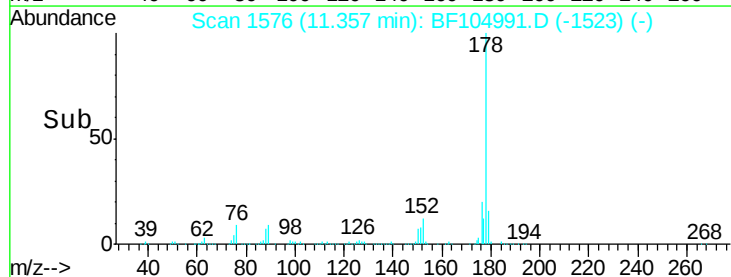
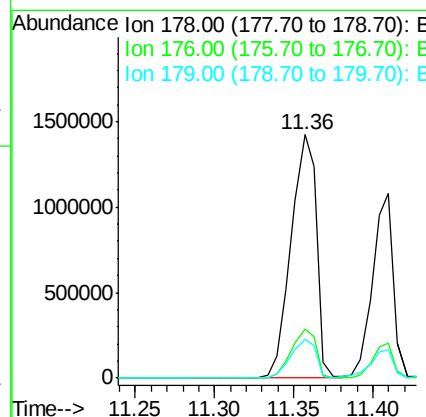
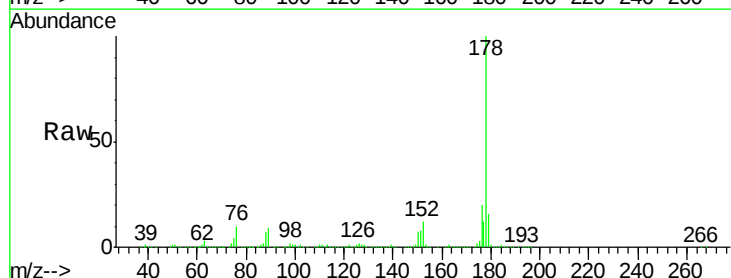
Manual Integrations
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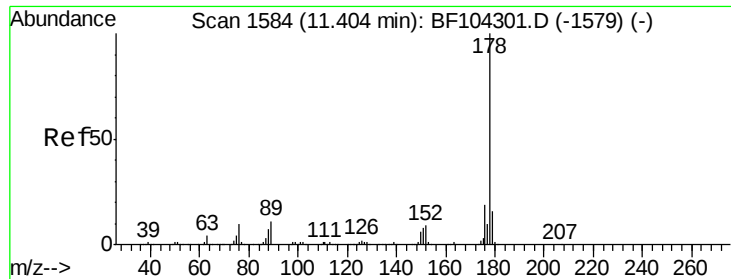
Sohil
 5/2/2018 4:21:32 PM



#70
 Phenanthrene
 Concen: 73.587 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1579282		
176	20.1	15.8	23.8	
179	15.8	13.0	19.6	





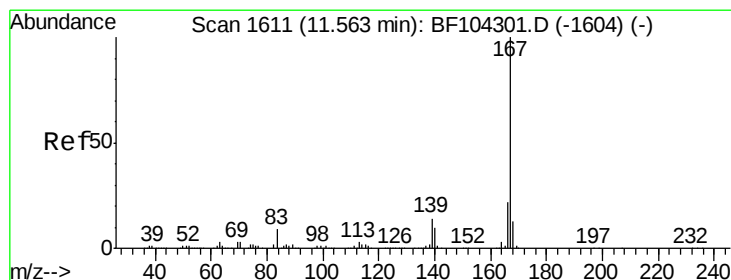
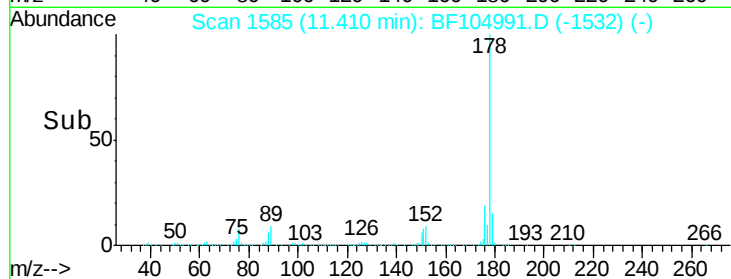
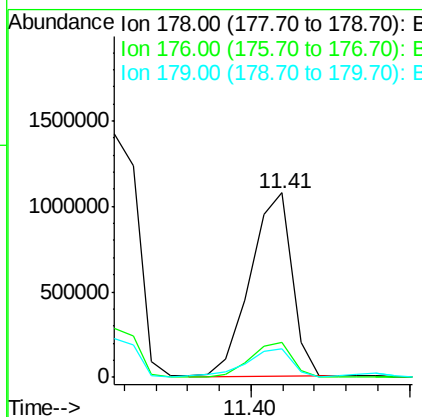
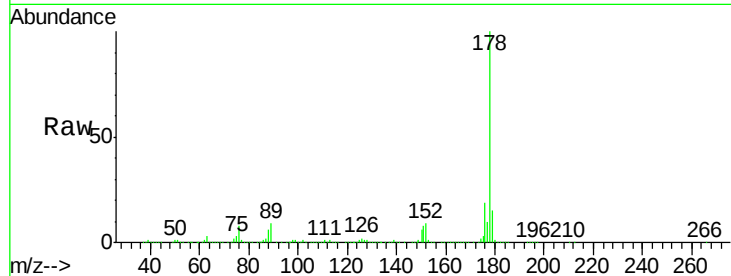
#71
 Anthracene
 Concen: 44.888 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.2	12.6	19.0

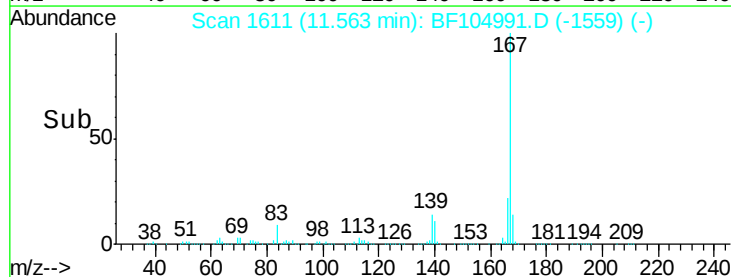
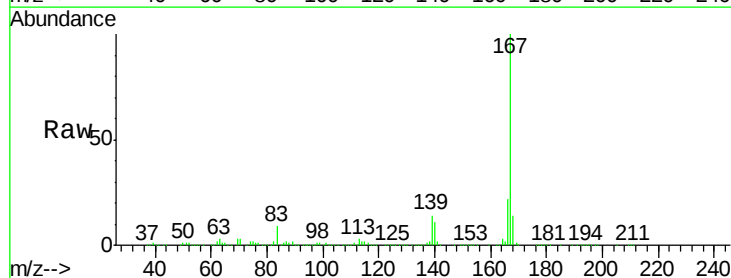
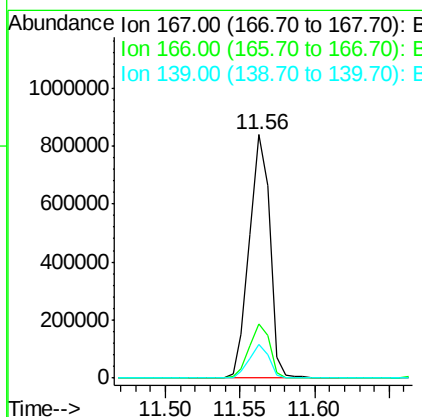
Manual Integrations
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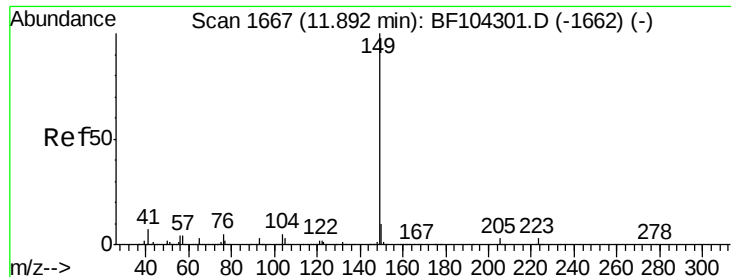
Sohil
 5/2/2018 4:21:32 PM



#72
 Carbazole
 Concen: 37.440 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.028 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

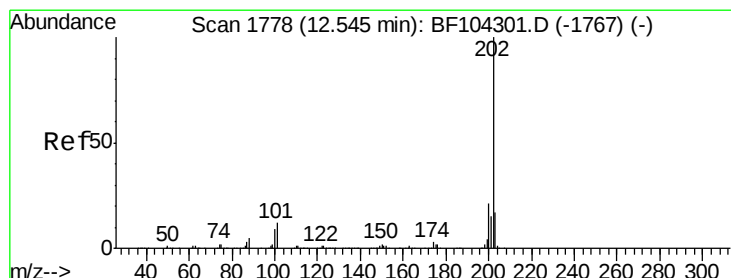
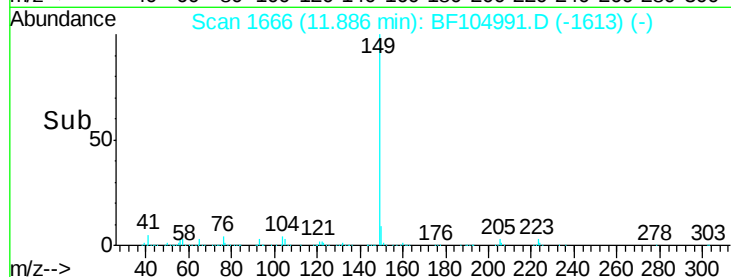
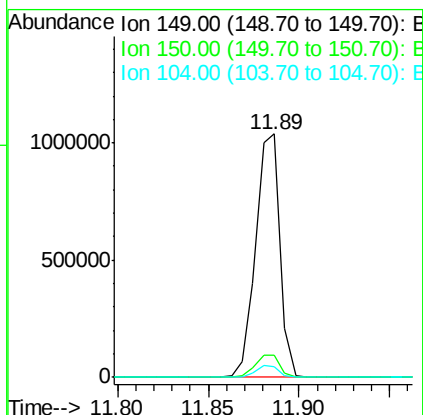
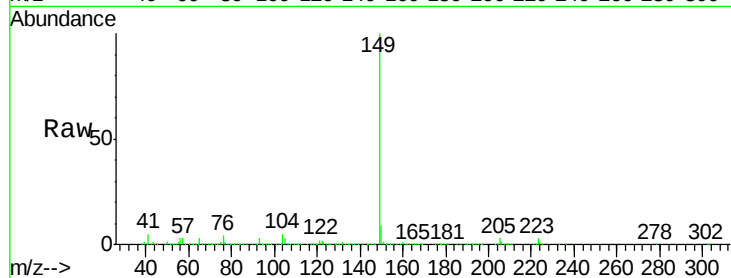
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	149	Resp:	964262
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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5/2/2018 4:21:32 PM



#74

Fluoranthene

Concen: 73.972 ng

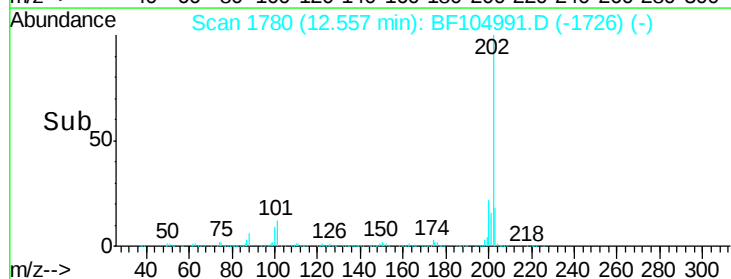
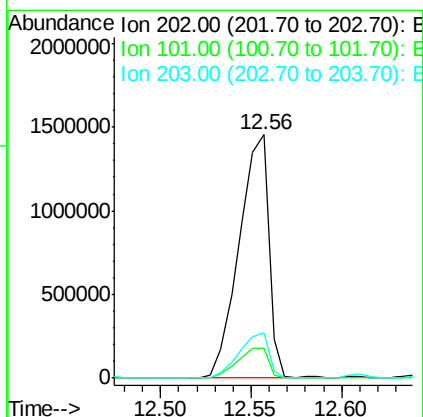
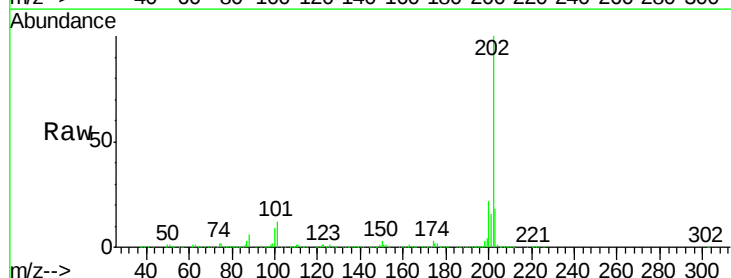
RT: 12.56 min Scan# 1780

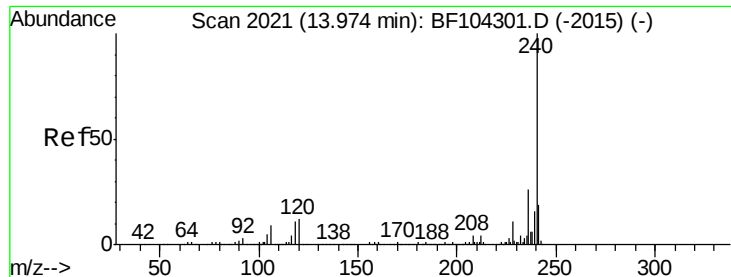
Delta R.T. 0.02 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	202	Resp:	1658687
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.06 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

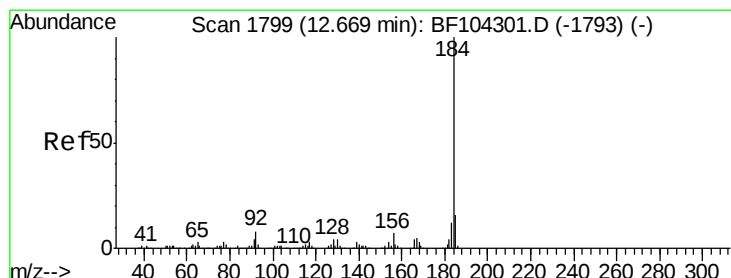
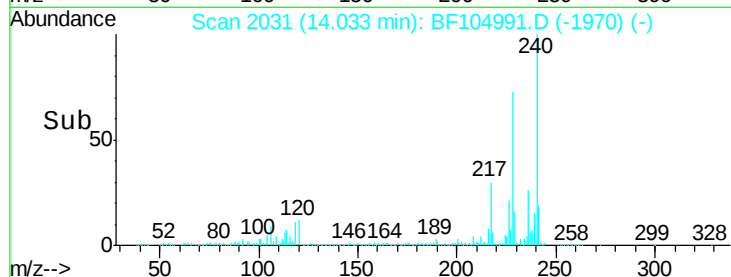
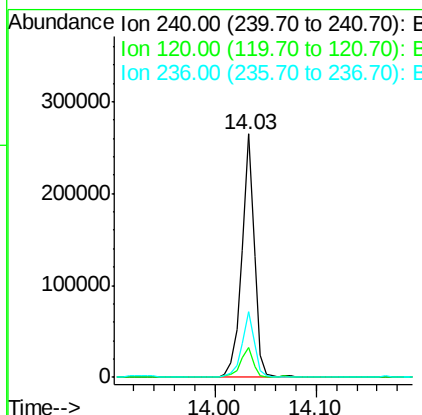
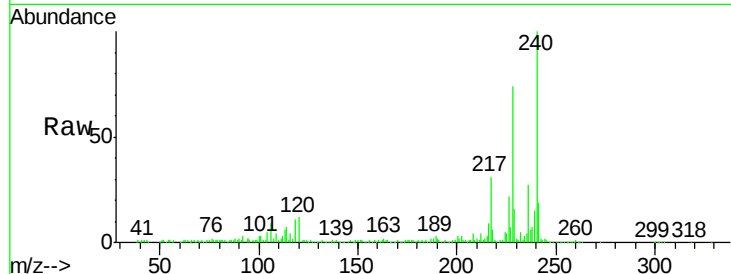
ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:	240	Resp:	228597
Ion Ratio		Lower	Upper
240	100		
120	12.2	9.5	14.3
236	26.8	20.7	31.1

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5/2/2018 4:21:32 PM



#76

Benzidine

Concen: 3.618 ng

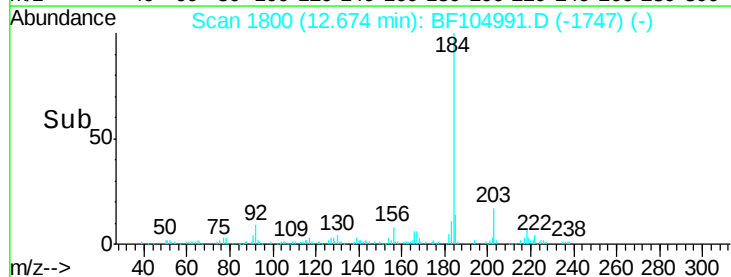
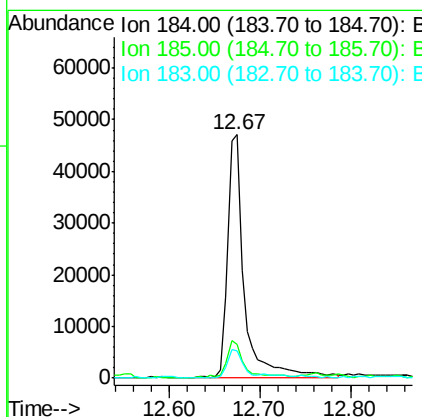
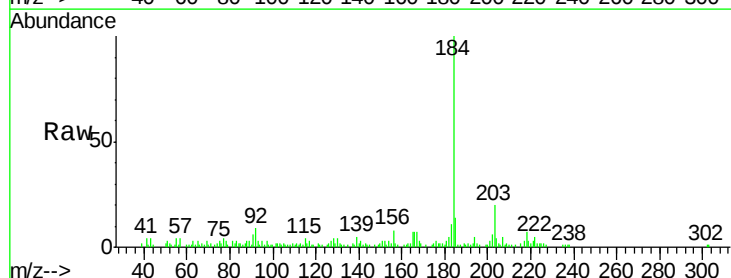
RT: 12.67 min Scan# 1800

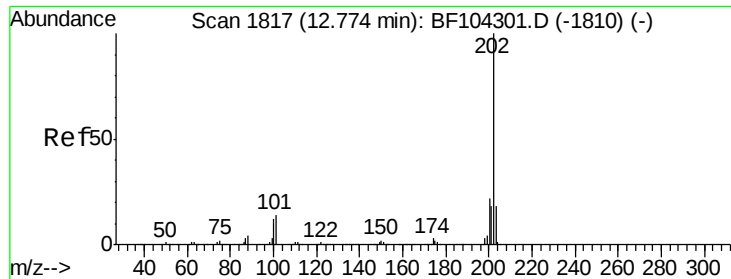
Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Tgt Ion:	184	Resp:	60848
Ion Ratio		Lower	Upper
184	100		
185	14.1	12.6	18.8
183	11.3	9.3	13.9





#77

Pyrene

Concen: 91.356 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.02 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD

Tgt Ion:202 Resp: 1547977

Ion Ratio Lower Upper

202 100

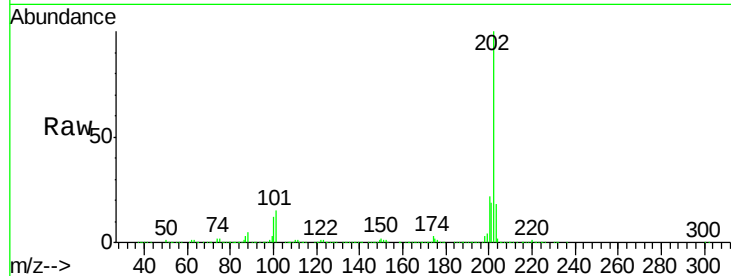
200 21.9 17.4 26.2

203 18.2 14.3 21.5

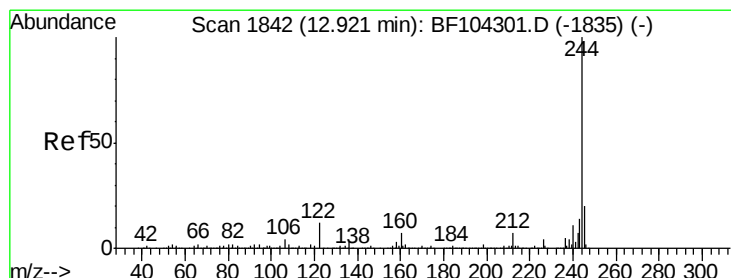
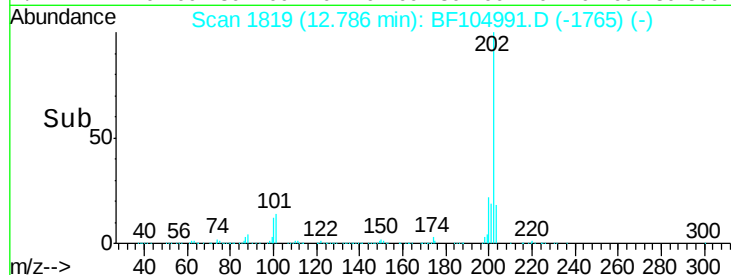
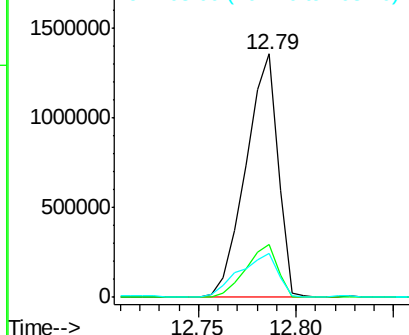
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.537 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF104991.D

Acq: 1 May 2018 18:34

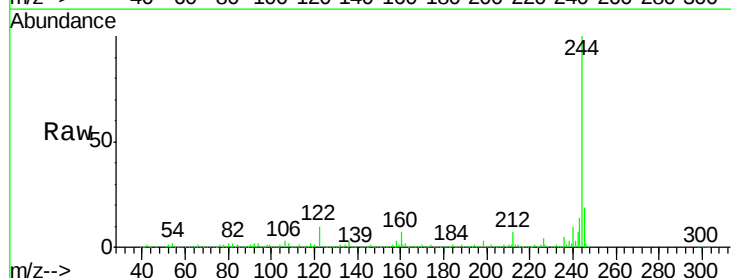
Tgt Ion:244 Resp: 917838

Ion Ratio Lower Upper

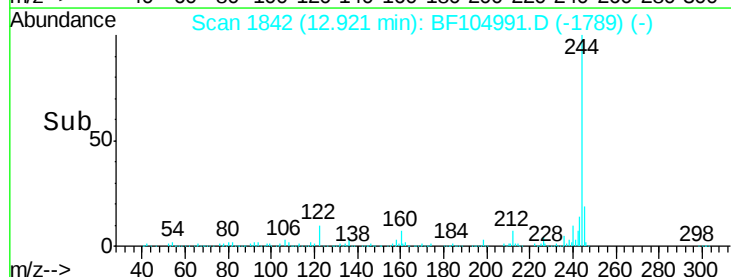
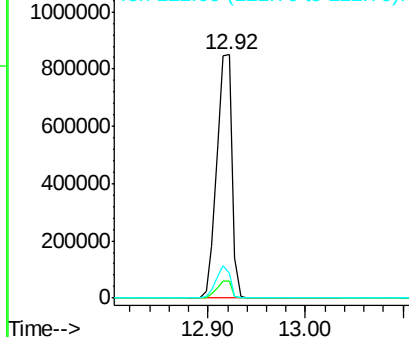
244 100

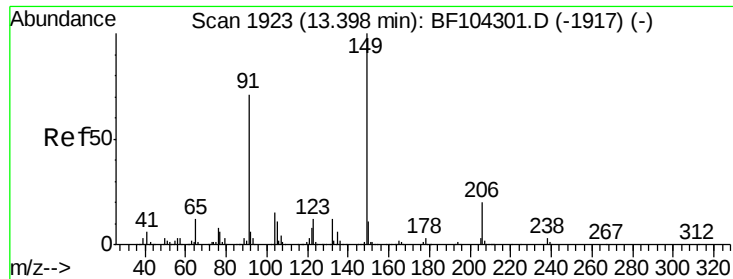
212 6.9 5.4 8.0

122 10.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





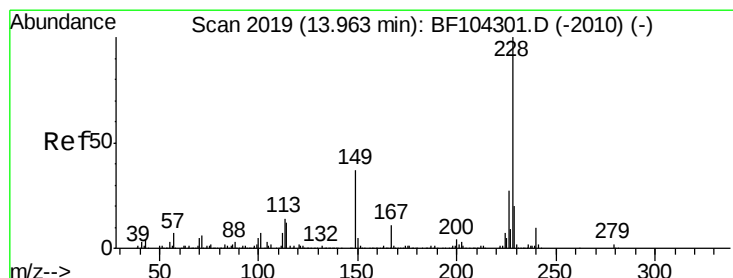
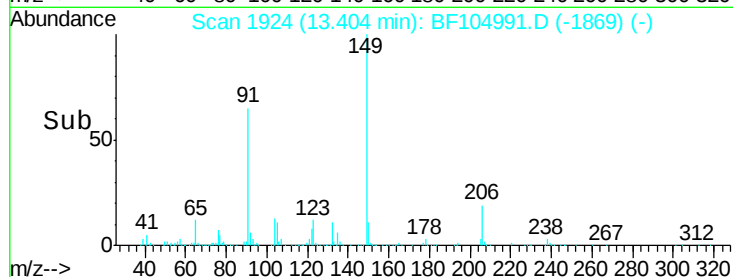
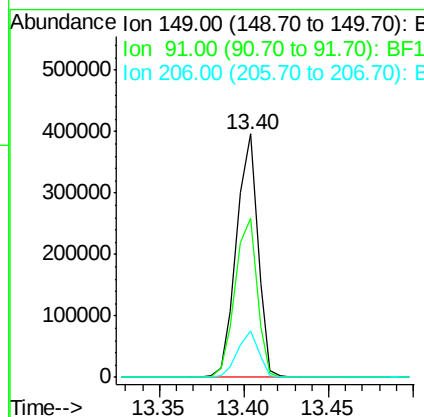
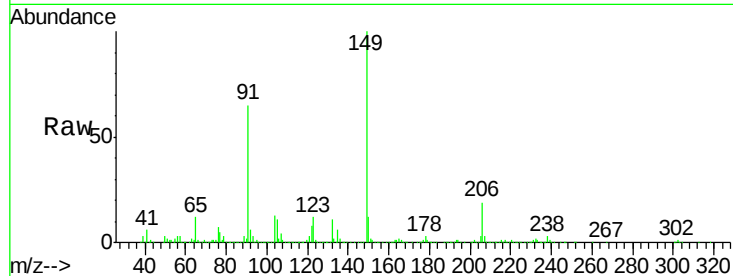
#79
Butylbenzylphthalate
Concen: 43.501 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.02 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	56.8	85.2
206	19.1	14.1	21.1

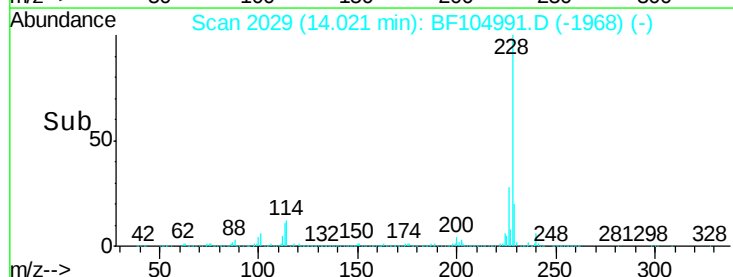
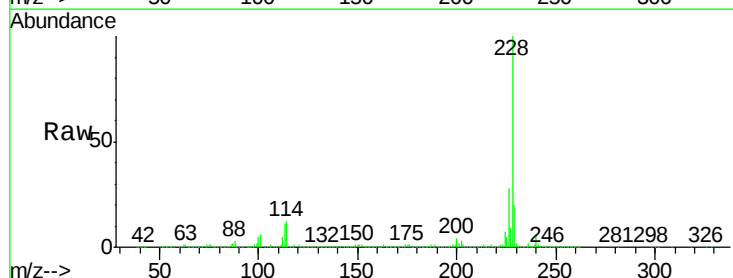
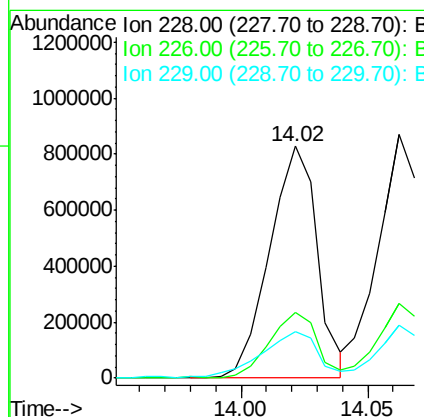
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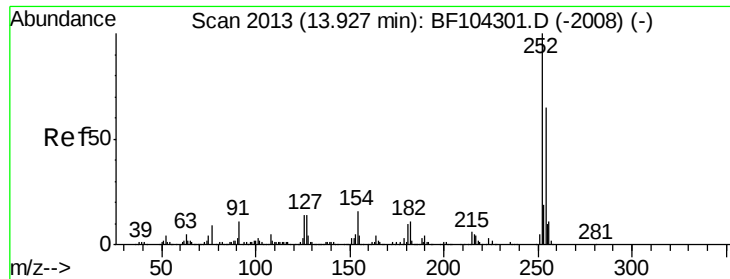
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#80
Benzo(a)anthracene
Concen: 78.358 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.06 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.2	15.8	23.6





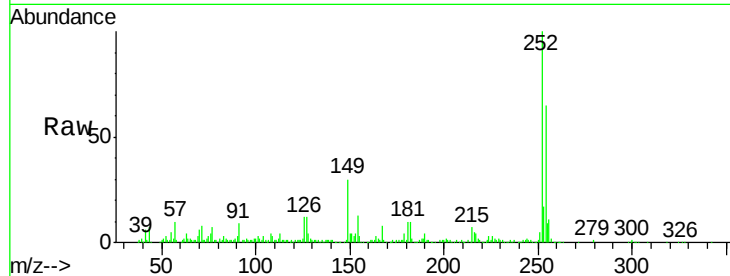
#81
 3,3'-Dichlorobenzidine
 Concen: 32.624 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.06 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.8	11.3	16.9

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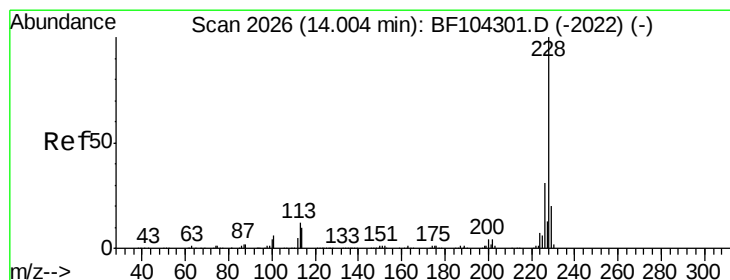
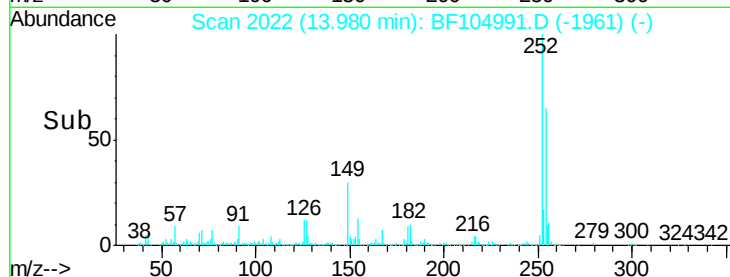
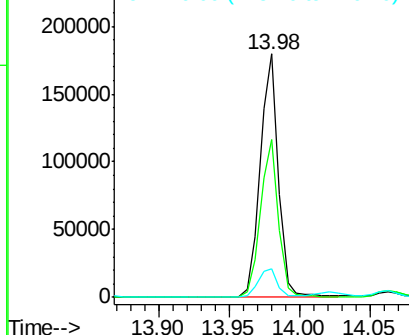


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 68.563 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.06 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

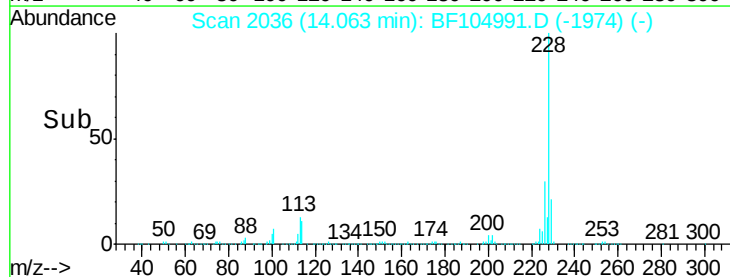
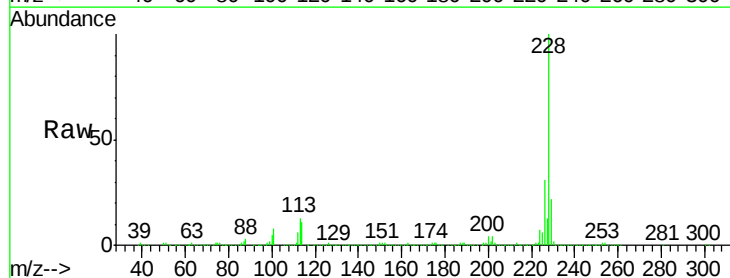
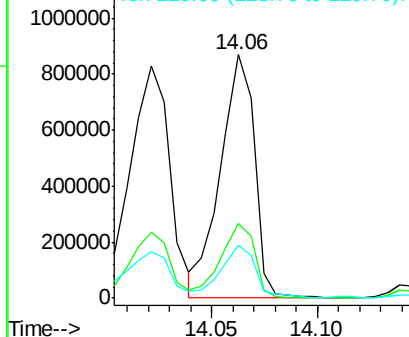
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.5	16.2	24.4

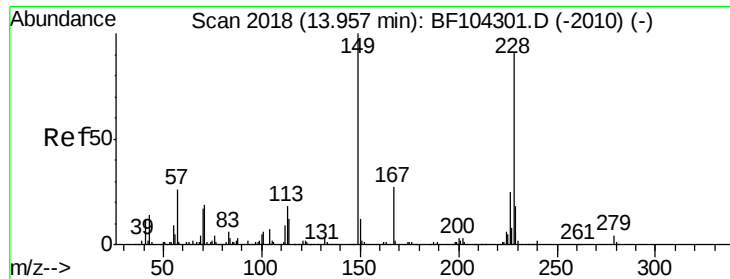
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





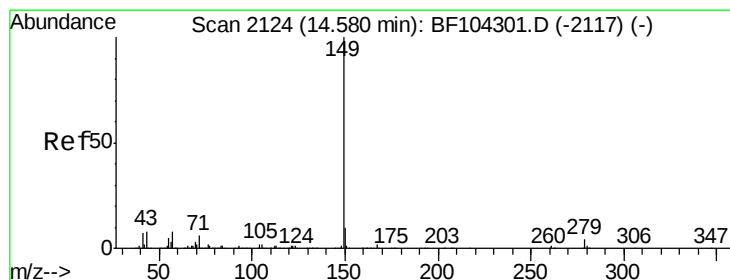
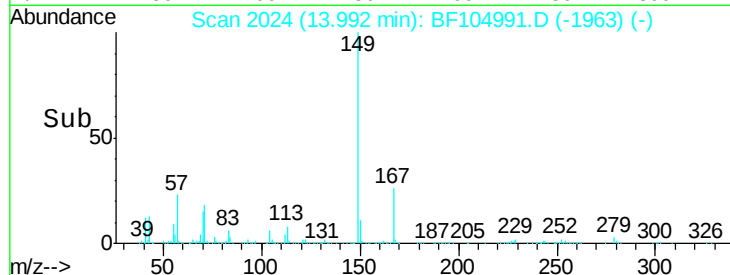
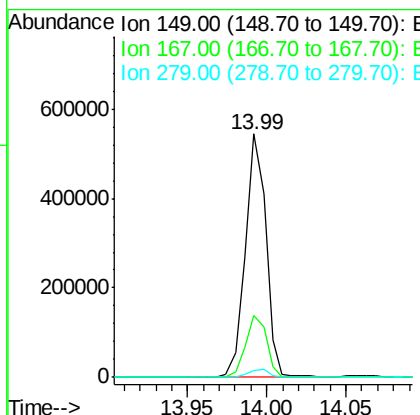
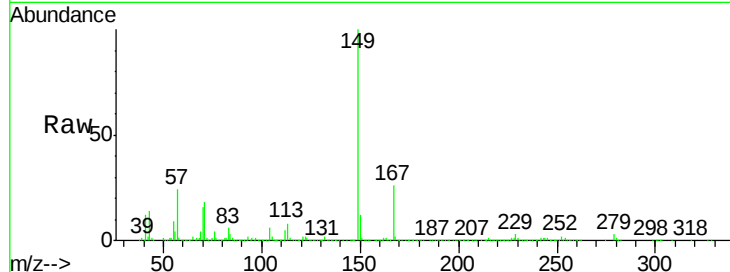
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.335 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.06 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	486031		
167	25.5	21.3	31.9	
279	3.0	3.0	4.4	

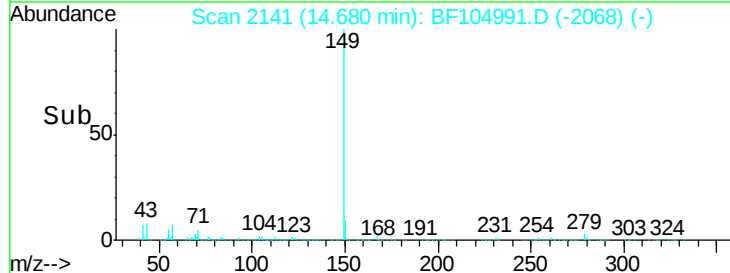
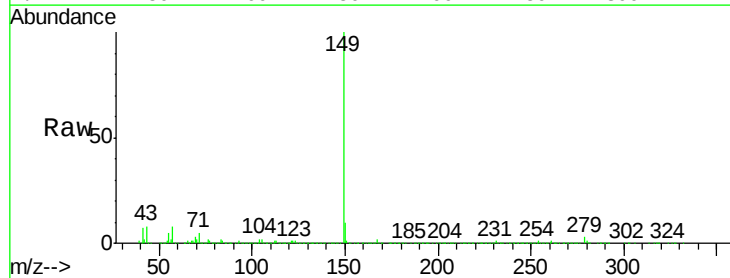
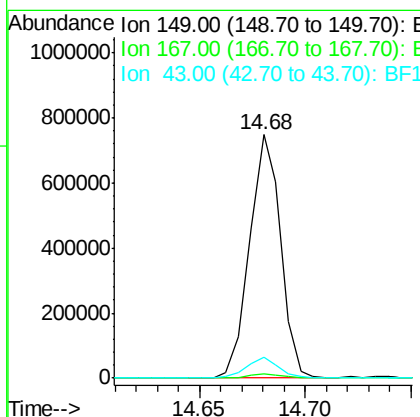
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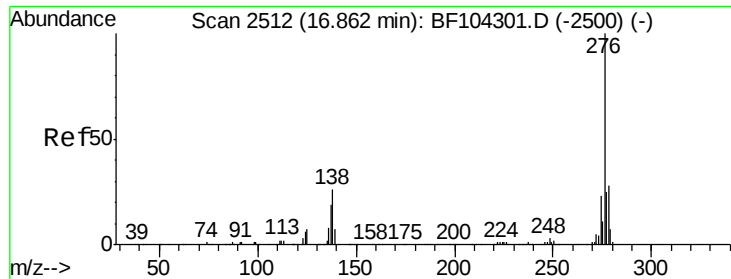
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#84
 Di-n-octyl phthalate
 Concen: 44.401 ng
 RT: 14.68 min Scan# 2141
 Delta R.T. 0.13 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	761767		
167	1.6	1.2	1.8	
43	7.6	8.4	12.6	





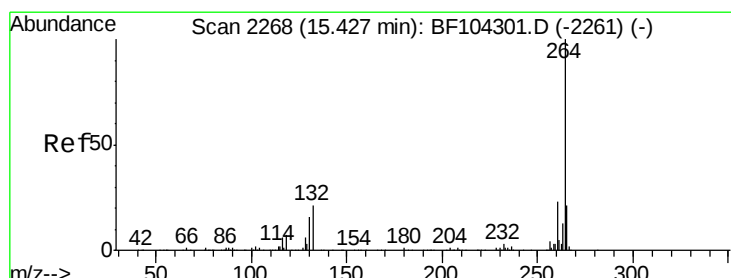
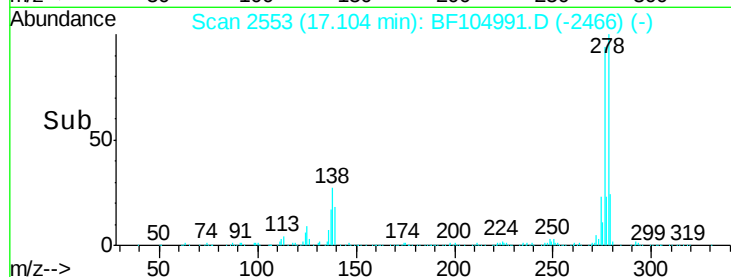
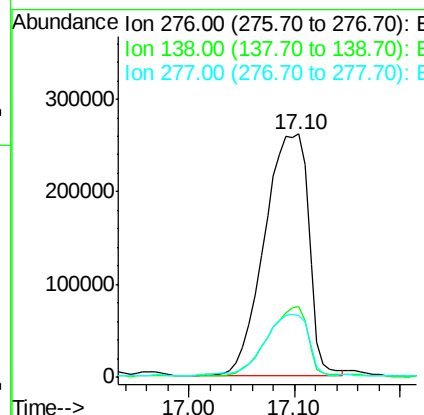
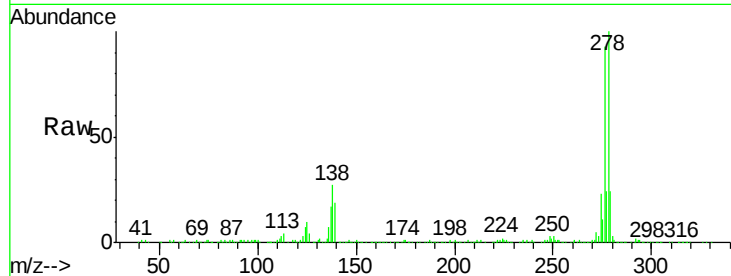
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.465 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. 0.21 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.0	37.6
277	25.0	20.1	30.1

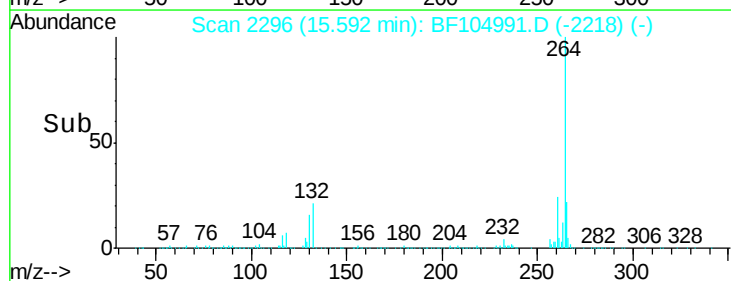
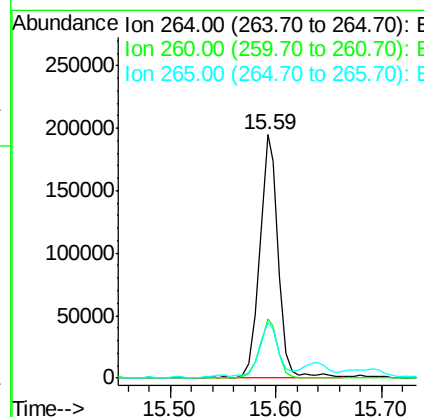
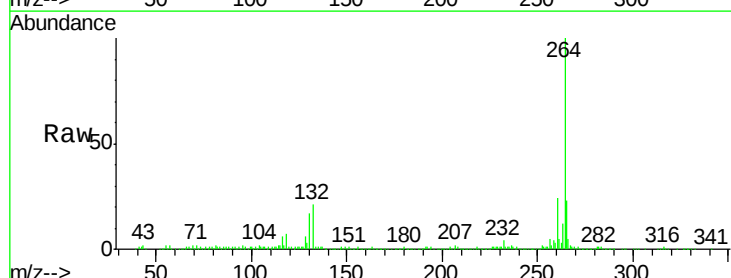
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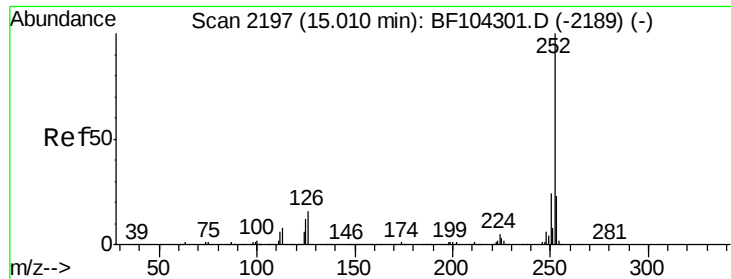
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2296
 Delta R.T. 0.16 min
 Lab File: BF104991.D
 Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.6	17.5	26.3





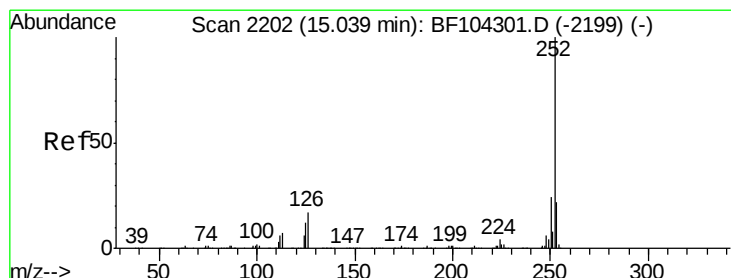
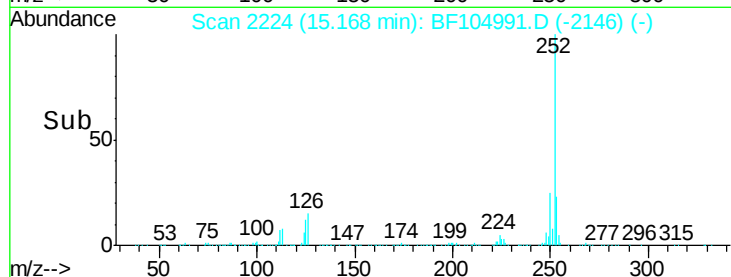
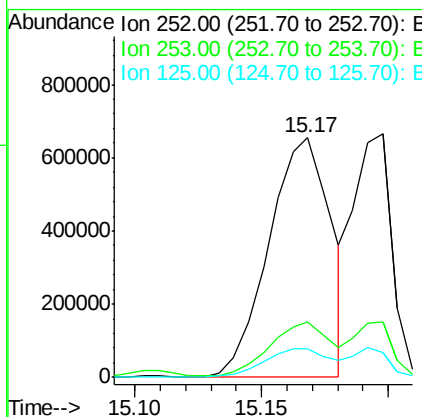
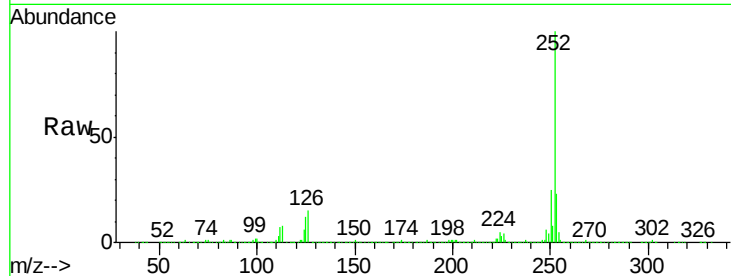
#87
Benzo(b)fluoranthene
Concen: 72.418 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.16 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	12.0	9.0	13.6

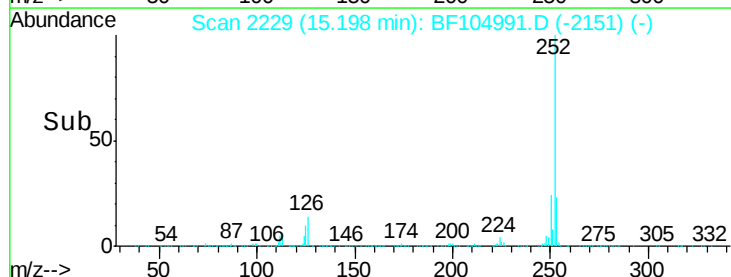
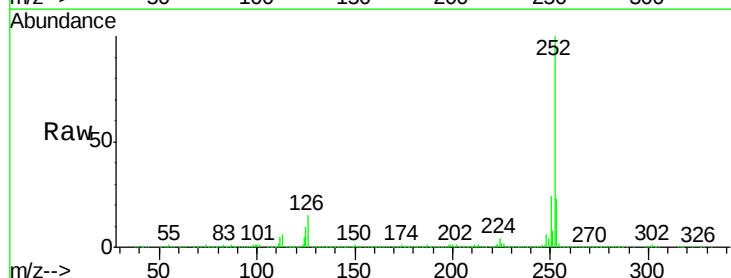
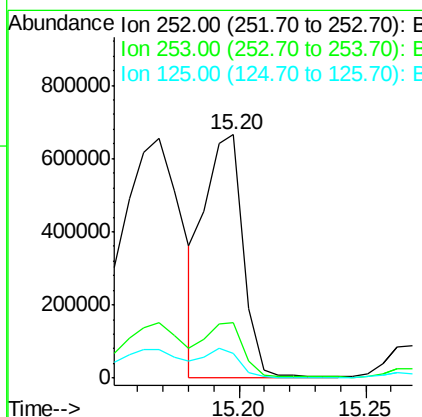
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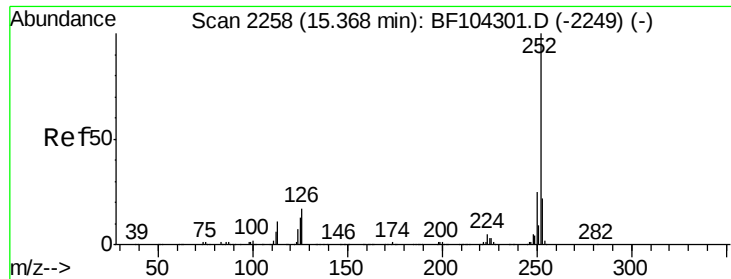
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#88
Benzo(k)fluoranthene
Concen: 48.668 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.16 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	10.2	10.2	15.2





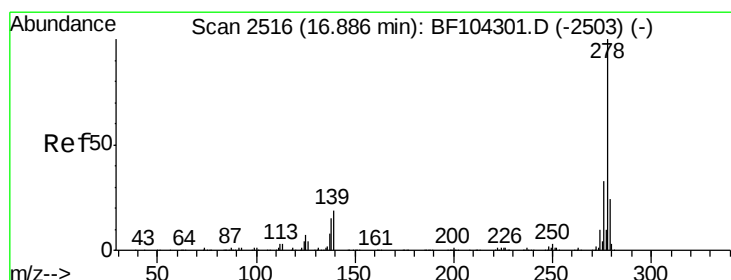
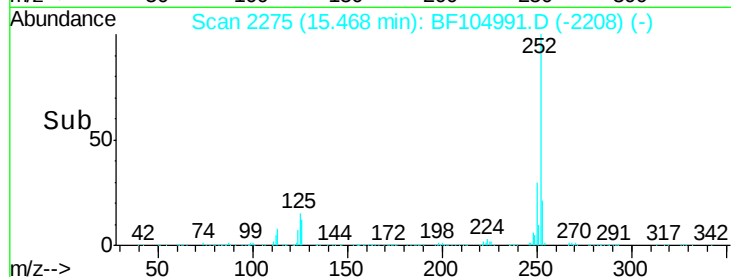
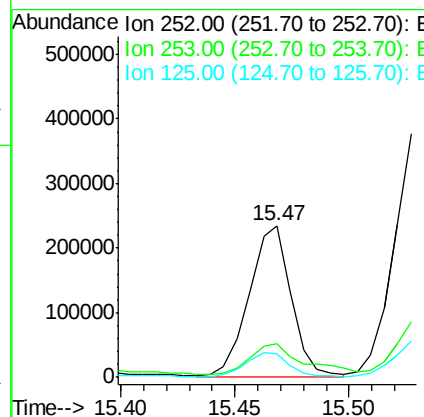
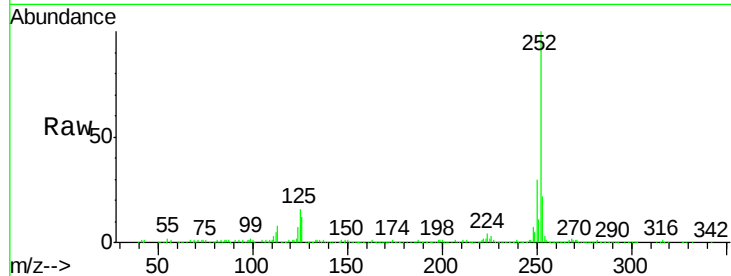
#89
Benzo(a)pyrene
Concen: 22.355 ng m
RT: 15.47 min Scan# 2275
Delta R.T. 0.09 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Instrument :
BNA_F
ClientSampleId :
TP-4 0.0-0.5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	15.8	9.8	14.6

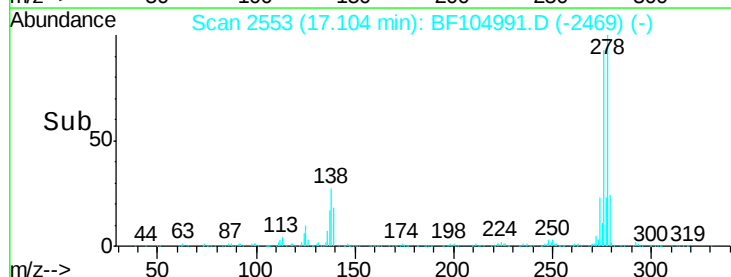
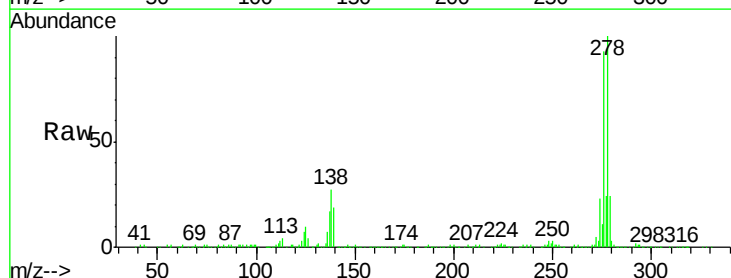
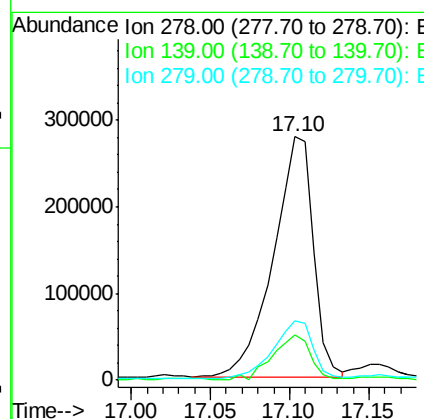
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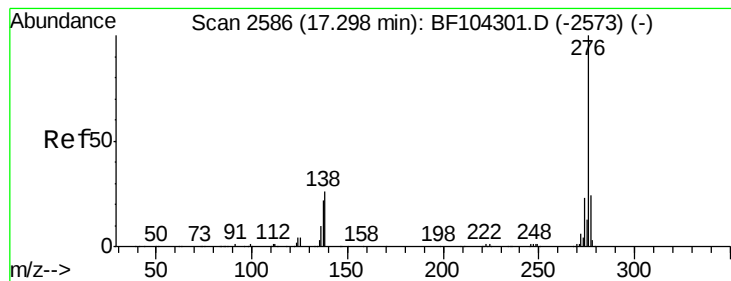
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 42.824 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.19 min
Lab File: BF104991.D
Acq: 1 May 2018 18:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 58.344 ng

RT: 17.54 min Scan# 2628

Delta R.T. 0.21 min

Lab File: BF104991.D

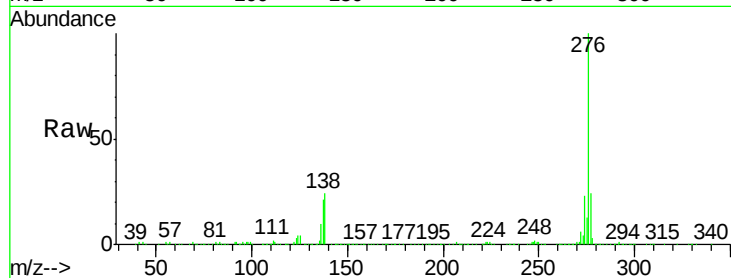
Acq: 1 May 2018 18:34

Instrument :

BNA_F

ClientSampleId :

TP-4 0.0-0.5MSD



Tgt Ion: 276 Resp: 635108

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 24.3 21.8 32.8

Manual Integrations
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