

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112529.D
 Acq On : 13 Feb 2019 10:38
 Operator : JU/SJ
 Sample : PB117061BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

Manual Integrations
 APPROVED

Sohil
 2/14/2019 11:36:04 AM

Quant Time: Feb 13 11:14:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	114999	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	455632	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	227848	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	447516	20.00	ng	0.00
76) Chrysene-d12	14.02	240	344398	20.00	ng	0.01
87) Perylene-d12	15.50	264	269550	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	899880	166.21	ng	0.00
7) Phenol-d6	6.50	99	1109978	147.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	609353	77.06	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	374110	141.06	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1278043	79.33	ng	0.00
79) Terphenyl-d14	12.95	244	1540751	84.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	104455	48.432	ng	94
3) Pyridine	3.46	79	265775	48.444	ng	99
4) n-Nitrosodimethylamine	3.40	42	127834	55.460	ng	90
6) Aniline	6.50	93	271895	30.382	ng	# 38
8) 2-Chlorophenol	6.63	128	315879	43.370	ng	98
9) Benzaldehyde	6.39	77	133102	33.849	ng	99
10) Phenol	6.50	94	355798	43.107	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	271000	41.705	ng	97
12) 1,3-Dichlorobenzene	6.78	146	344832	40.654	ng	100
13) 1,4-Dichlorobenzene	6.86	146	353505	40.495	ng	98
14) 1,2-Dichlorobenzene	7.01	146	329190	40.277	ng	97
15) Benzyl Alcohol	6.99	79	260615	41.095	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	328986	39.431	ng	# 18
17) 2-Methylphenol	7.11	107	241899	41.897	ng	# 87
18) Hexachloroethane	7.35	117	125583	40.967	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	211348	40.741	ng	99
20) 3+4-Methylphenols	7.26	107	319102	43.220	ng	# 63
22) Acetophenone	7.25	105	429750	38.735	ng	94
24) Nitrobenzene	7.42	77	316826	40.118	ng	99
25) Isophorone	7.66	82	565935	45.620	ng	98
26) 2-Nitrophenol	7.74	139	173141	41.024	ng	94
27) 2,4-Dimethylphenol	7.78	122	273044	46.957	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	352459	41.727	ng	97
29) 2,4-Dichlorophenol	7.99	162	273736	42.067	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	294005	39.307	ng	99
31) Naphthalene	8.15	128	920352	43.194	ng	98
32) Benzoic acid	7.93	122	141085	42.535	ng	99
33) 4-Chloroaniline	8.19	127	209508	22.582	ng	96
34) Hexachlorobutadiene	8.26	225	169782	38.681	ng	97
35) Caprolactam	8.57	113	82797m	36.068	ng	
36) 4-Chloro-3-methylphenol	8.69	107	276282	40.107	ng	95
37) 2-Methylnaphthalene	8.83	142	646479	44.320	ng	97
38) 1-Methylnaphthalene	8.93	142	613508	43.882	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	291836	39.010	ng	99

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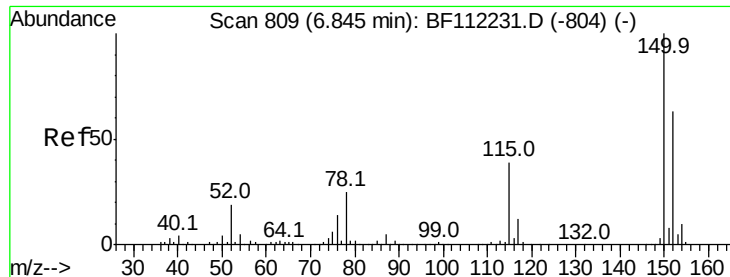
Manual Integrations
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 2/14/2019 11:36:04 AM

Quant Time: Feb 13 11:14:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	167932	61.697	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	182061	39.481	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	187333	38.870	nq	95
46) 1,1'-Biphenyl	9.30	154	793903	39.856	nq	98
47) 2-Chloronaphthalene	9.33	162	607052	39.300	nq	97
48) 2-Nitroaniline	9.43	65	167929	39.887	nq	93
49) Acenaphthylene	9.74	152	968267	42.767	nq	99
50) Dimethylphthalate	9.59	163	713014	40.277	nq	99
51) 2,6-Dinitrotoluene	9.67	165	160804	40.559	nq #	89
52) Acenaphthene	9.91	154	554111	40.970	nq	99
53) 3-Nitroaniline	9.84	138	109067	25.392	nq	91
54) 2,4-Dinitrophenol	9.97	184	106237	83.494	nq	93
55) Dibenzofuran	10.09	168	828777	40.099	nq	93
56) 4-Nitrophenol	10.03	139	131528	57.920	nq	94
57) 2,4-Dinitrotoluene	10.08	165	207987	41.207	nq #	71
58) Fluorene	10.43	166	684398	44.251	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	150071	41.204	nq	95
60) Diethylphthalate	10.30	149	727210	41.394	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	328015	38.988	nq	94
62) 4-Nitroaniline	10.46	138	166656	39.557	nq	94
63) Azobenzene	10.57	77	635080	41.104	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	85485	34.071	nq	95
66) n-Nitrosodiphenylamine	10.54	169	596107	39.523	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	202909	38.551	nq	95
68) Hexachlorobenzene	10.99	284	219812	38.925	nq	97
69) Atrazine	11.06	200	198753	40.840	nq	95
70) Pentachlorophenol	11.19	266	137315	62.493	nq	99
71) Phenanthrene	11.39	178	988190	42.474	nq	98
72) Anthracene	11.44	178	1015153	43.803	nq	99
73) Carbazole	11.60	167	892571	39.044	nq	99
74) Di-n-butylphthalate	11.92	149	1159655	40.868	nq	99
75) Fluoranthene	12.59	202	1032288	41.368	nq	98
77) Benzidine	12.70	184	364727	38.477	nq	96
78) Pyrene	12.82	202	1036816	43.483	nq	98
80) Butylbenzylphthalate	13.42	149	482225	41.801	nq	94
81) Benzo(a)anthracene	14.01	228	871876	43.065	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	208745	27.551	nq	99
83) Chrysene	14.04	228	806795	41.748	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	658090	40.188	nq	97
85) Di-n-octyl phthalate	14.58	149	1036351	41.134	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	613066	40.035	nq	96
88) Benzo(b)fluoranthene	15.06	252	757512	46.991	nq	100
89) Benzo(k)fluoranthene	15.10	252	665083	43.073	nq	97
90) Benzo(a)pyrene	15.44	252	657068	45.300	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	516215	44.158	nq	99
92) Benzo(g,h,i)perylene	17.45	276	477553	43.299	nq	96

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



#1

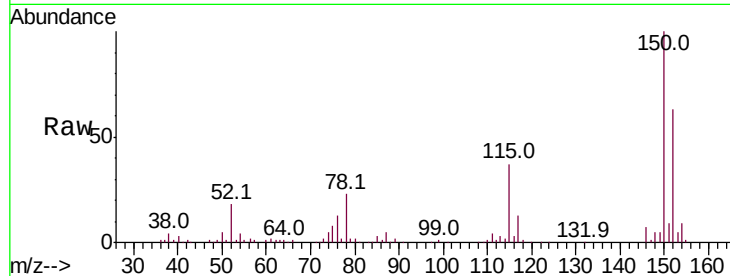
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleID :
PB117061BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.4	191.0
115	58.5	45.5	68.3

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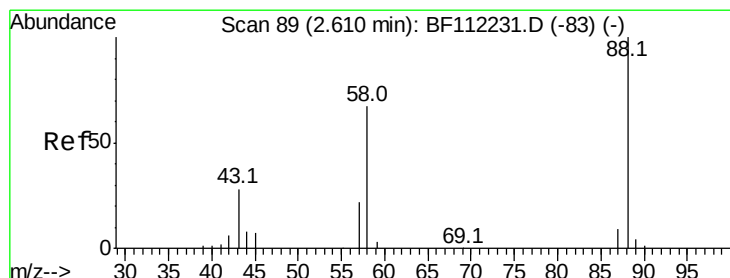
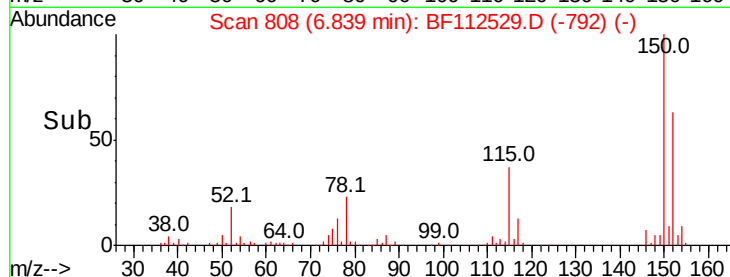
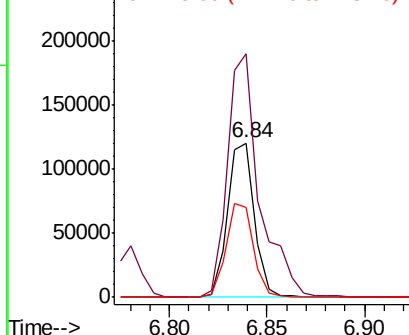


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

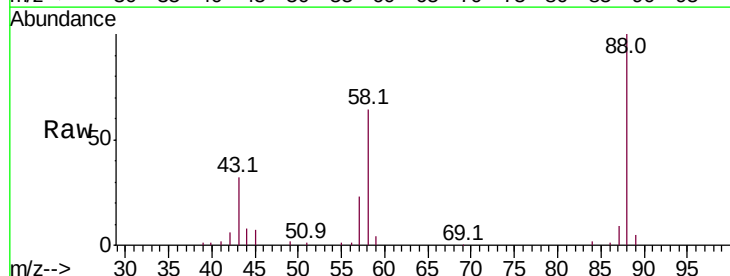
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 48.432 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.09 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	57.4	86.2
43	30.9	22.2	33.4

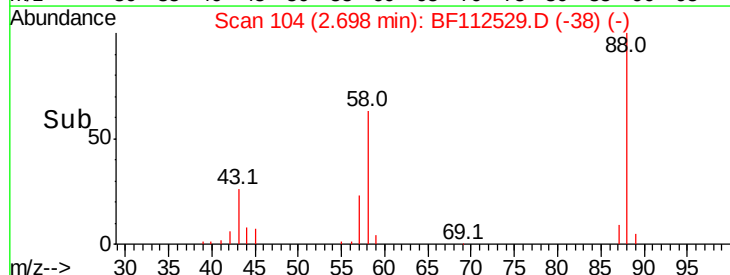
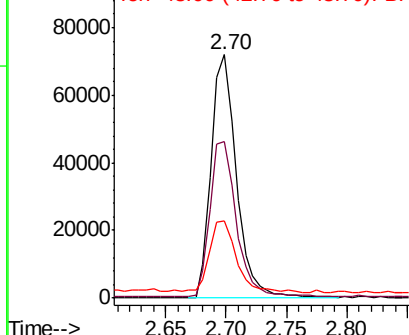


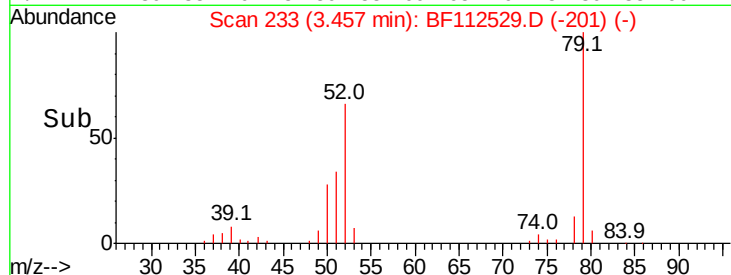
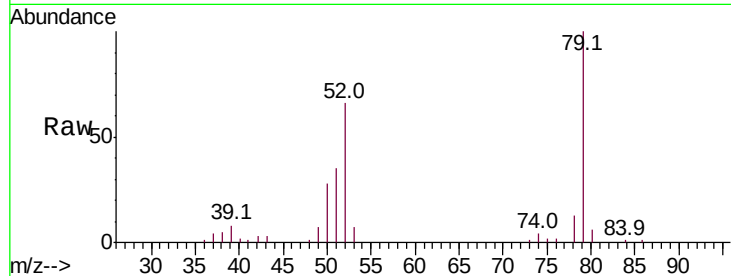
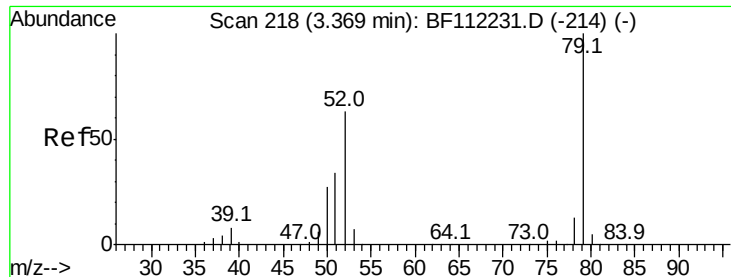
Abundance

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





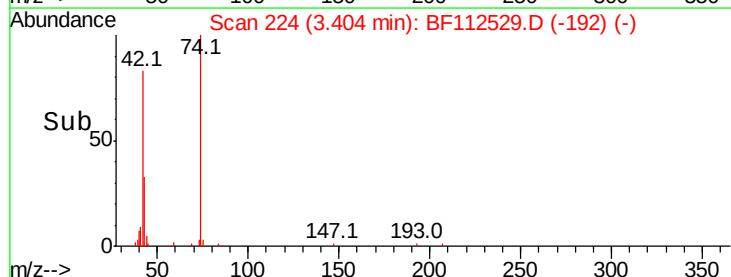
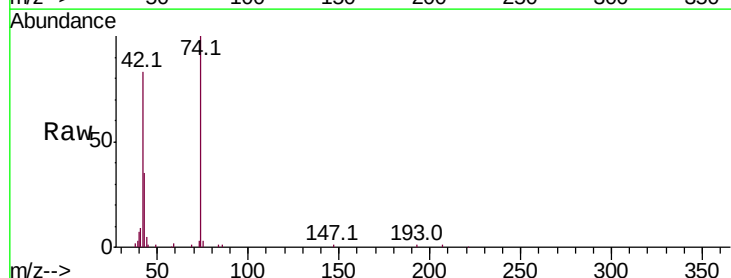
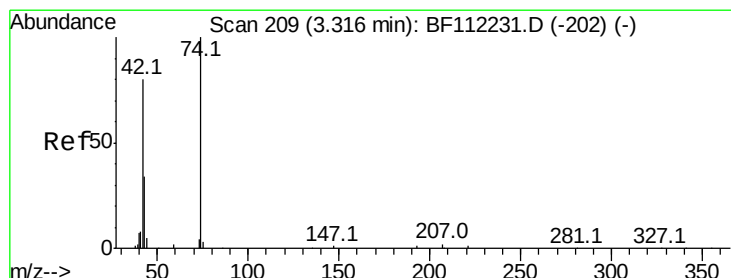
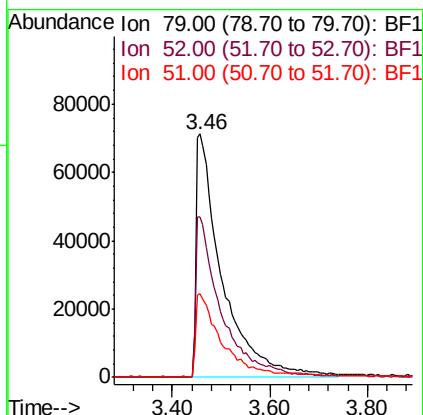
#3
 Pvridine
 Concen: 48.444 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.09 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tot Ion: 79 Resp: 265775
 Ion Ratio Lower Upper
 79 100
 52 65.8 52.4 78.6
 51 34.6 26.1 39.1

Instrument :
 BNA_F
 ClientSampled :
 PB117061BS

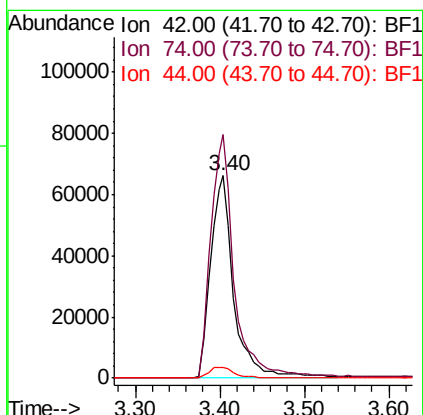
Manual Integrations
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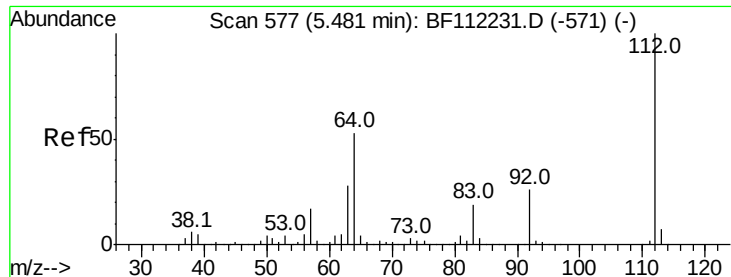
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#4
 n-Nitrosodimethylamine
 Concen: 55.460 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.09 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion: 42 Resp: 127834
 Ion Ratio Lower Upper
 42 100
 74 120.4 105.6 158.4
 44 5.5 5.4 8.2





#5

2-Fluorophenol

Concen: 166.210 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

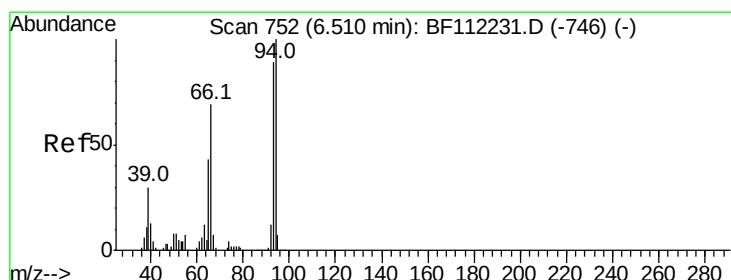
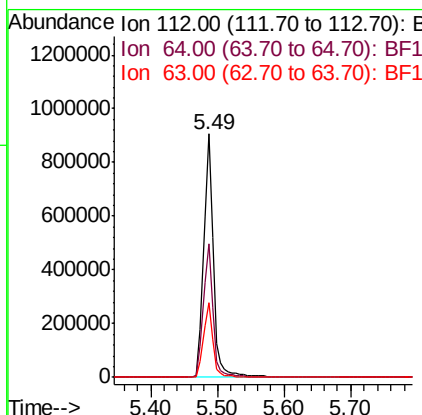
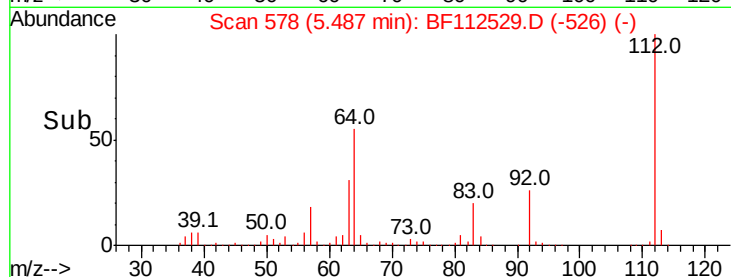
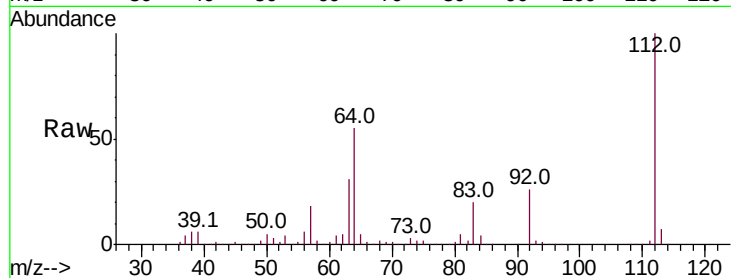
ClientSampleId :

PB117061BS

Tot Ion:	112	Resp:	899880
Ion Ratio	Lower	Upper	
112	100		
64	55.0	45.7	68.5
63	30.5	23.6	35.4

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#6

Aniline

Concen: 30.382 ng

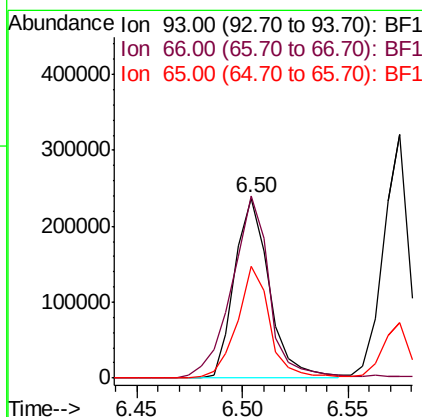
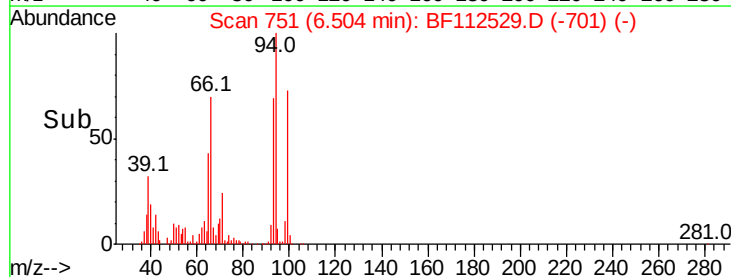
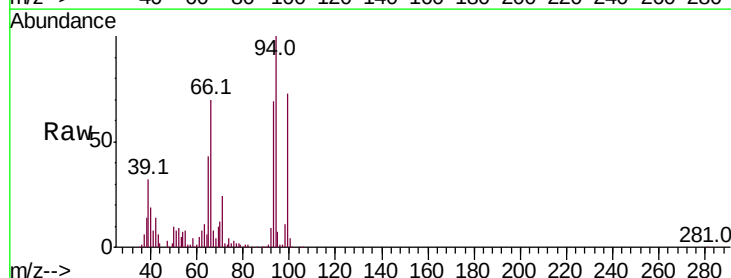
RT: 6.50 min Scan# 751

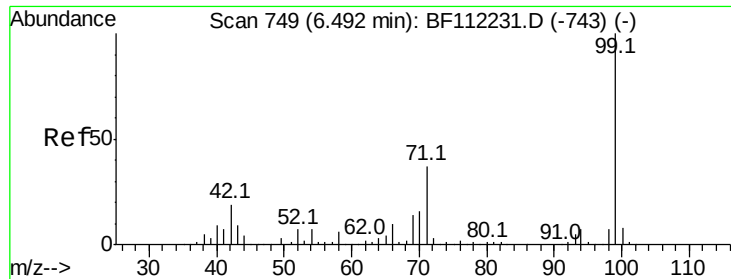
Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion:	93	Resp:	271895
Ion Ratio	Lower	Upper	
93	100		
66	101.3	43.4	65.2#
65	62.1	25.3	37.9#





#7

Phenol-d6

Concen: 147.541 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB117061BS

Tot Ion: 99 Resp: 1109978

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

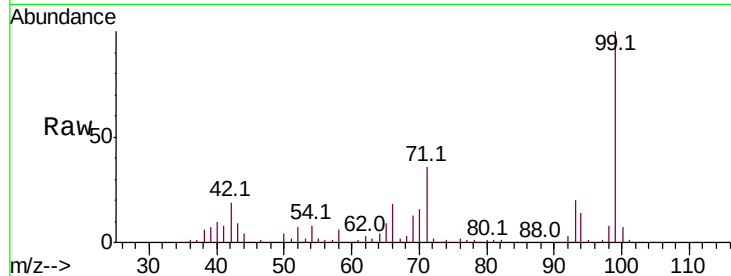
71 36.5 26.9 40.3

Manual Integrations

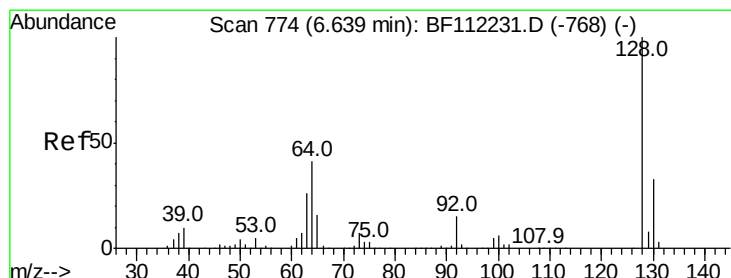
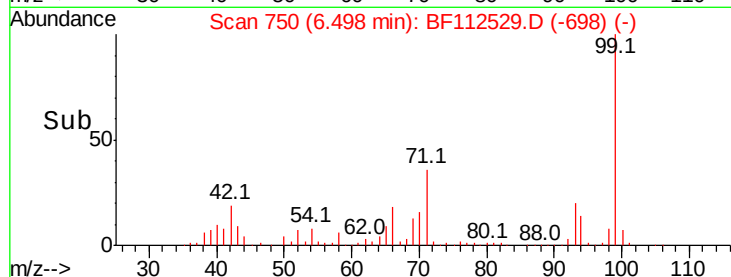
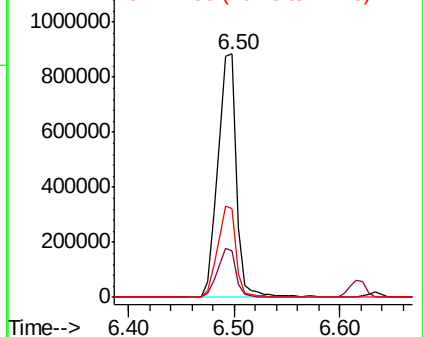
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.370 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

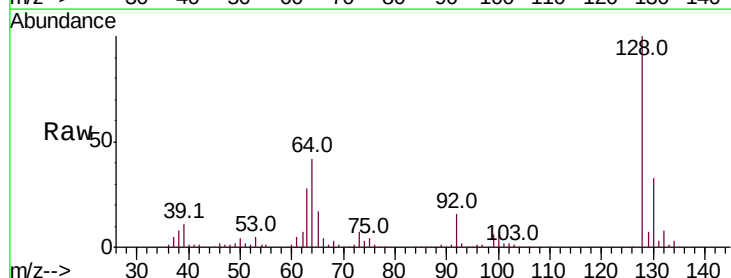
Tgt Ion: 128 Resp: 315879

Ion Ratio Lower Upper

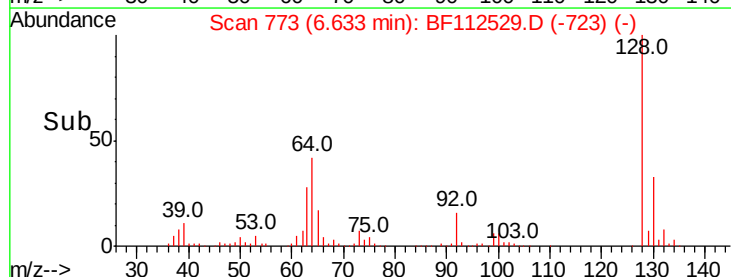
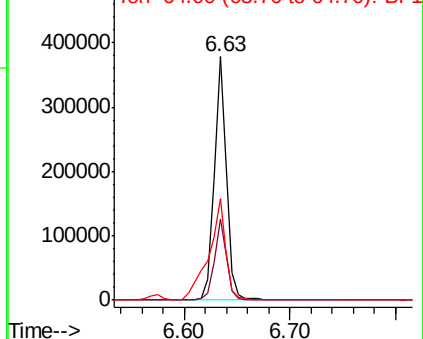
128 100

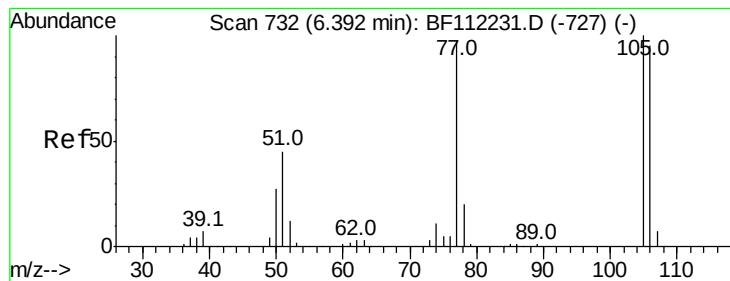
130 33.0 13.4 53.4

64 42.0 20.5 60.5



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: 33.849 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

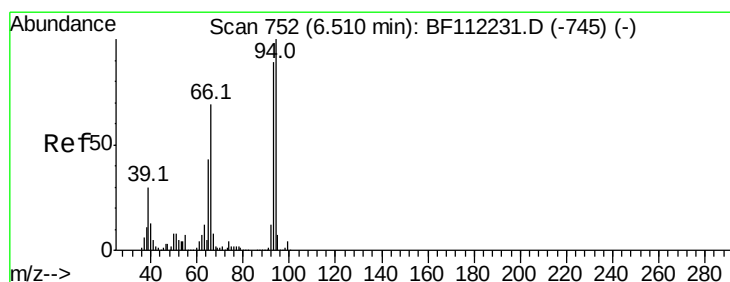
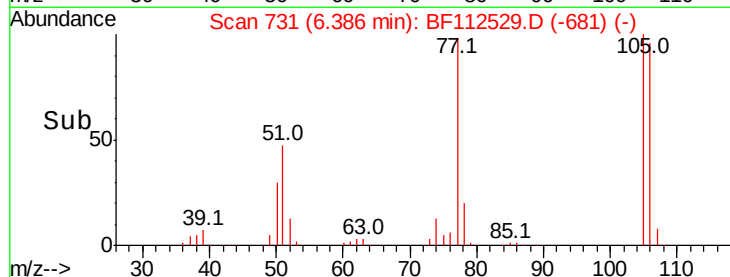
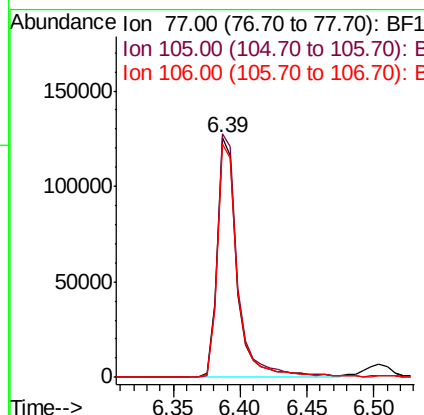
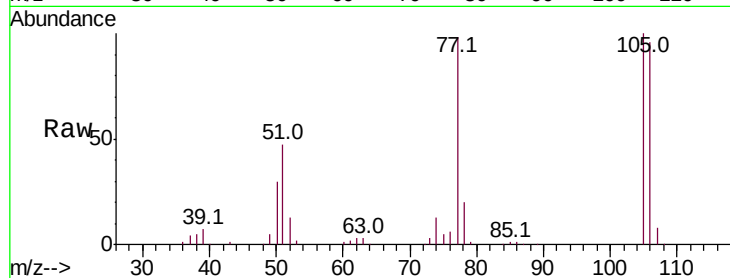
ClientSampleId :

PB117061BS

Tot Ion:	77	Resp:	133102
Ion	Ratio	Lower	Upper
77	100		
105	101.7	80.8	120.8
106	97.3	75.7	115.7

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#10

Phenol

Concen: 43.107 ng

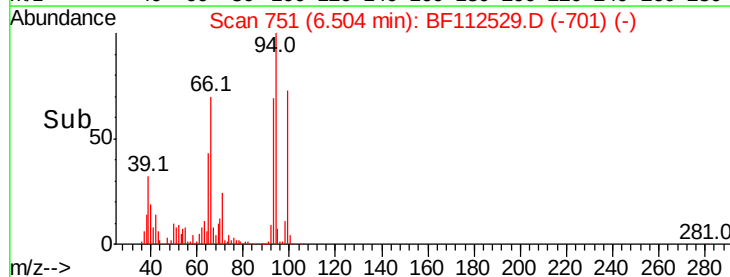
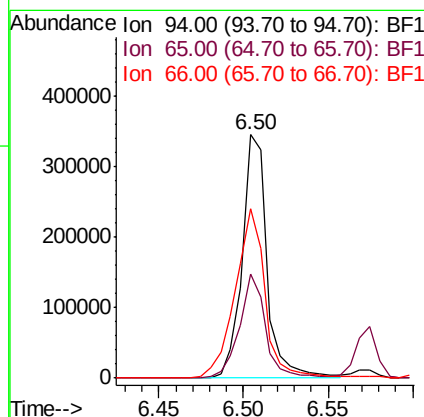
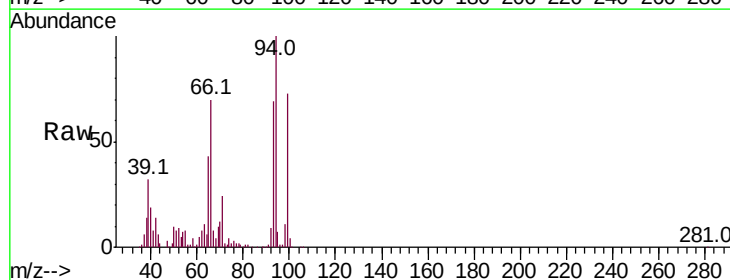
RT: 6.50 min Scan# 751

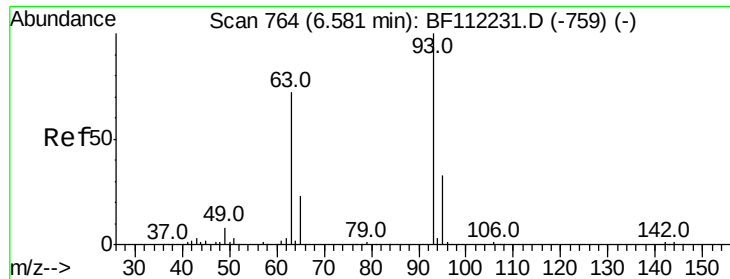
Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion:	94	Resp:	355798
Ion	Ratio	Lower	Upper
94	100		
65	42.6	20.3	60.3
66	69.5	42.4	82.4





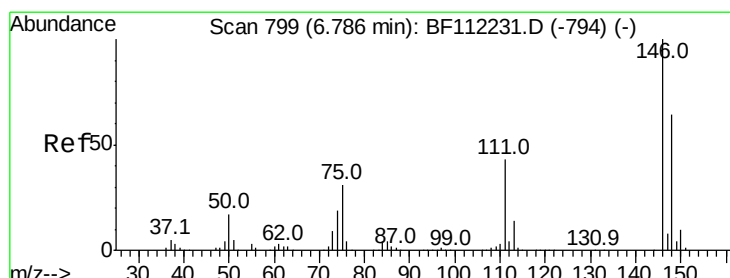
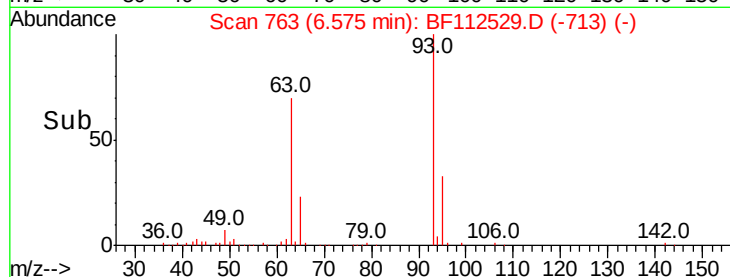
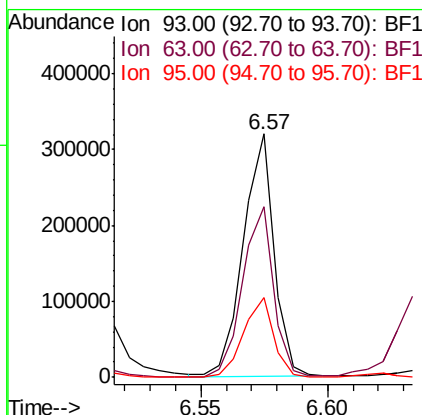
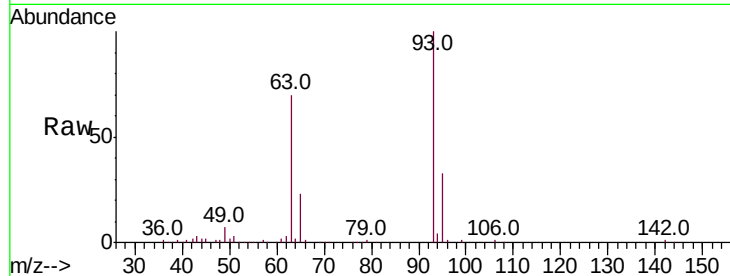
#11
bis(2-Chloroethyl)ether
Concen: 41.705 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.1	53.3	93.3
95	32.7	13.4	53.4

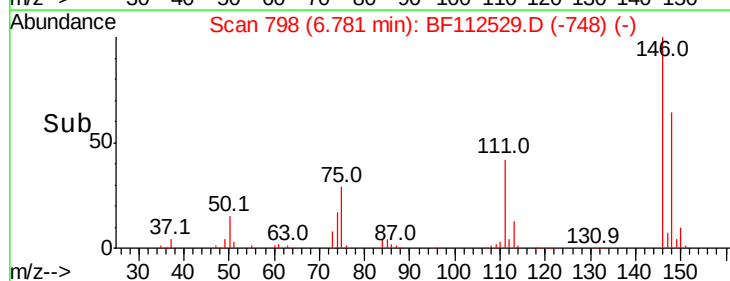
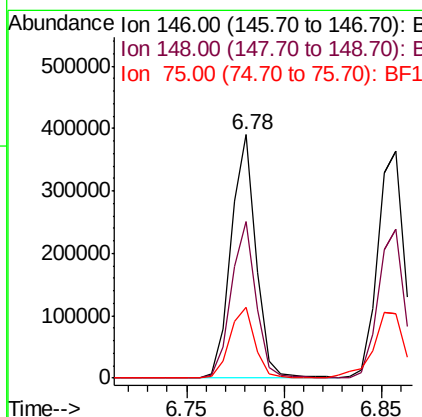
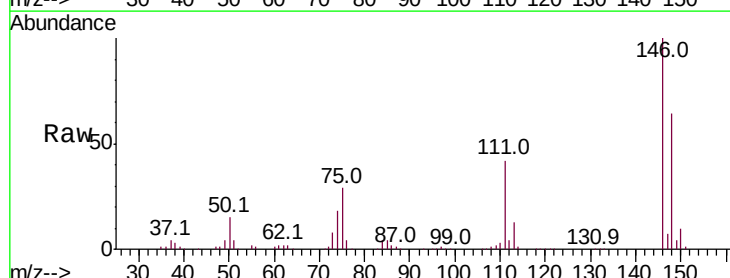
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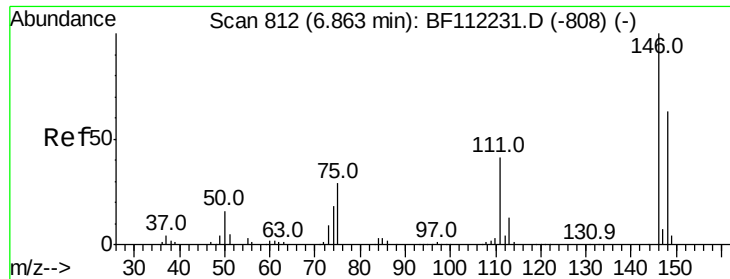
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#12
1,3-Dichlorobenzene
Concen: 40.654 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	29.0	23.1	34.7





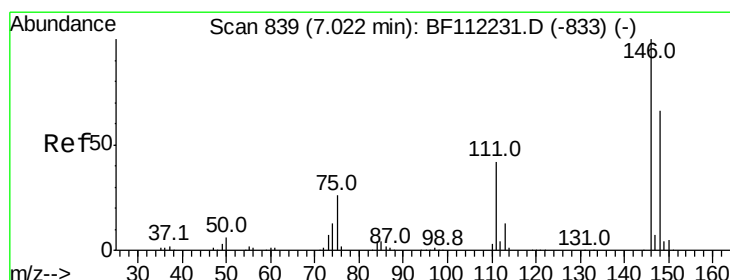
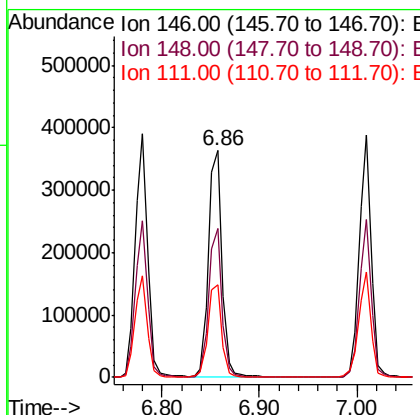
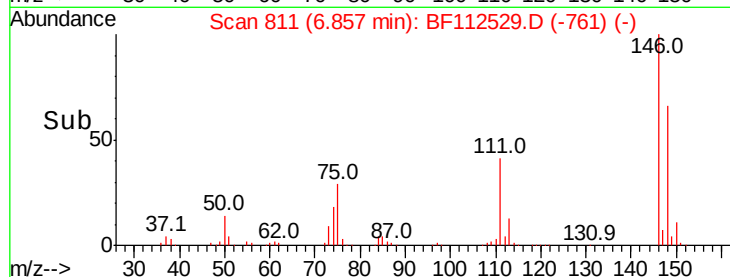
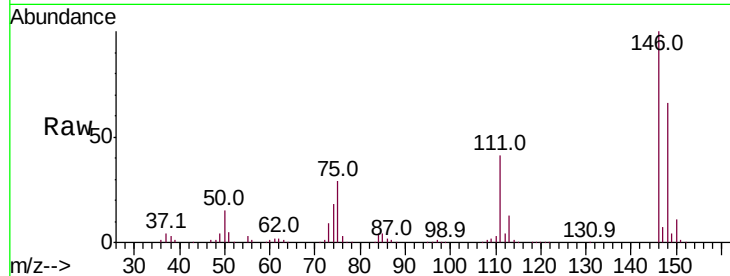
#13
 1,4-Dichlorobenzene
 Concen: 40.495 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.0	78.0
111	41.1	31.2	46.8

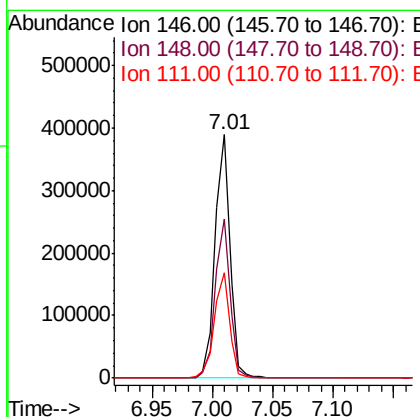
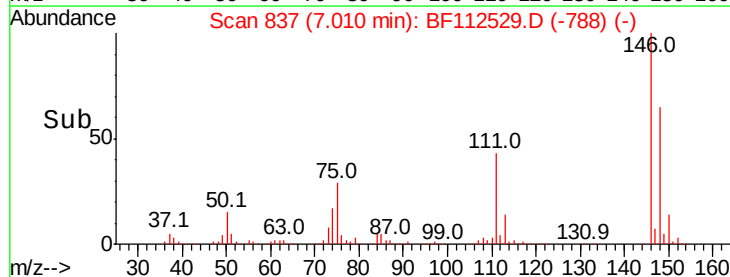
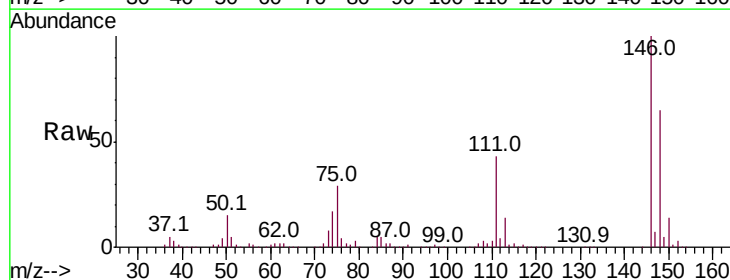
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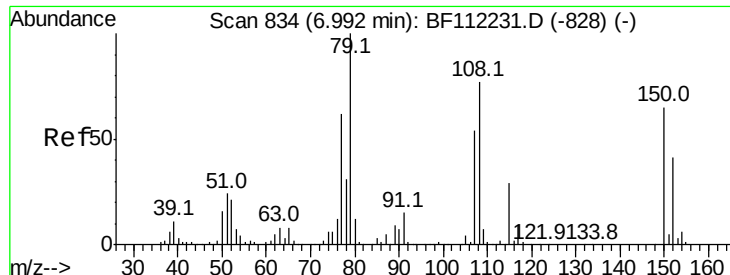
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#14
 1,2-Dichlorobenzene
 Concen: 40.277 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	43.3	31.2	46.8





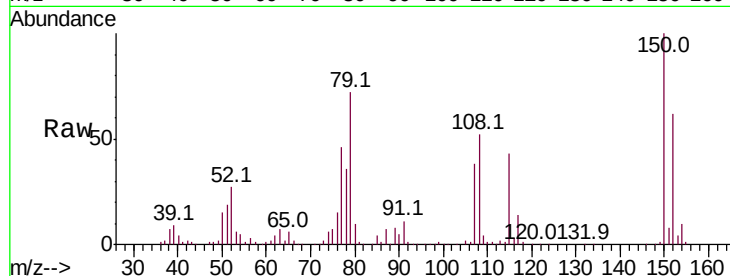
#15
Benzyl Alcohol
Concen: 41.095 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

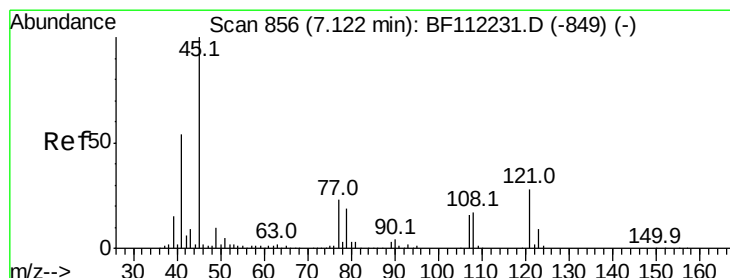
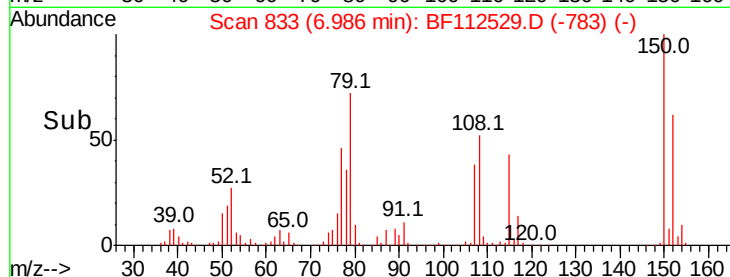
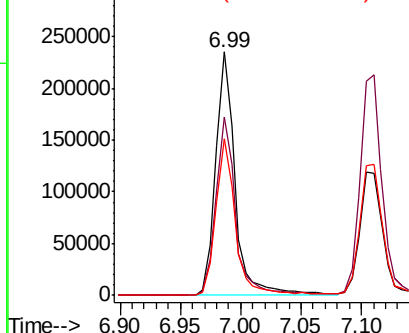
Tot Ion	Ratio	Lower	Upper
79	100		
108	73.1	64.2	96.2
77	64.1	50.3	75.5

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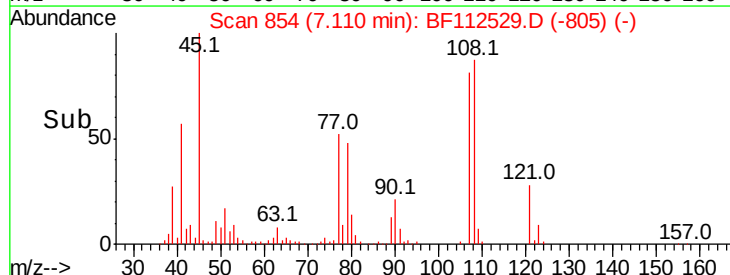
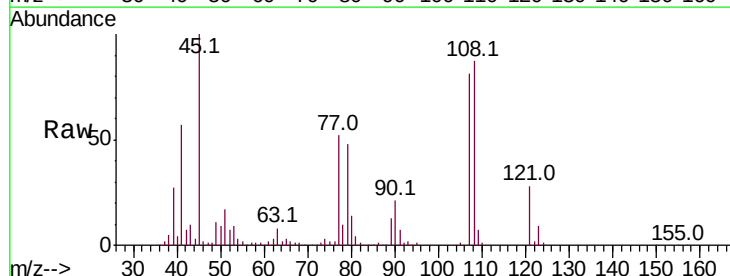
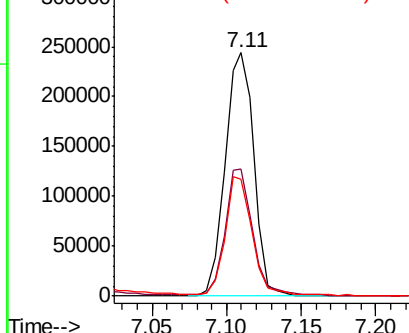
Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

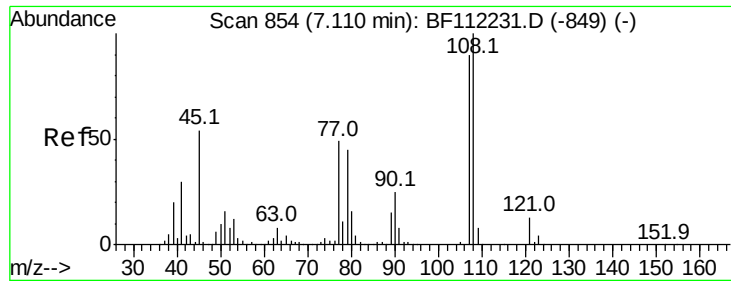


#16
2,2'-oxybis(1-chloropropane)
Concen: 39.431 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	52.0	0.0	36.9#
79	48.1	0.0	34.0#

Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.897 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

ClientSampled :

PB117061BS

Tot Ion:107 Resp: 241899

Ion Ratio Lower Upper

107 100

108 108.5 91.3 136.9

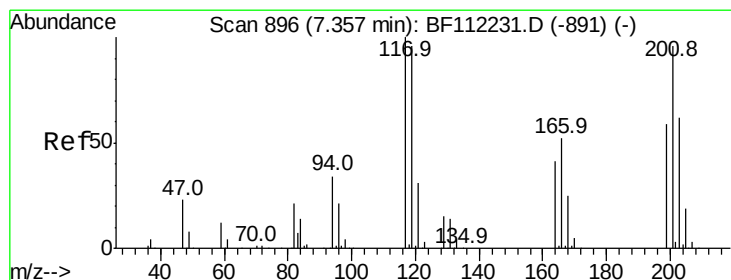
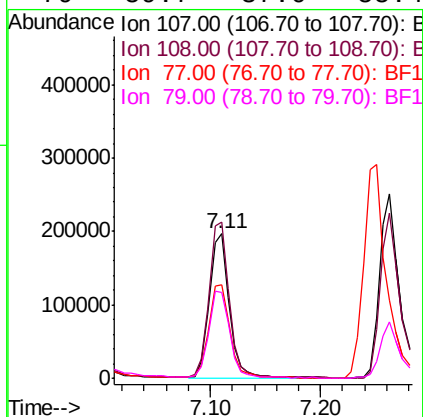
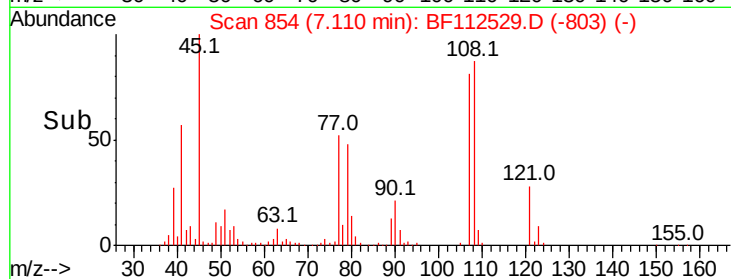
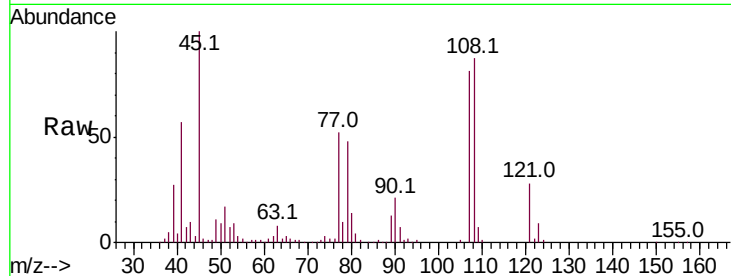
77 64.6 39.0 58.6#

79 59.7 37.0 55.4#

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#18

Hexachloroethane

Concen: 40.967 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

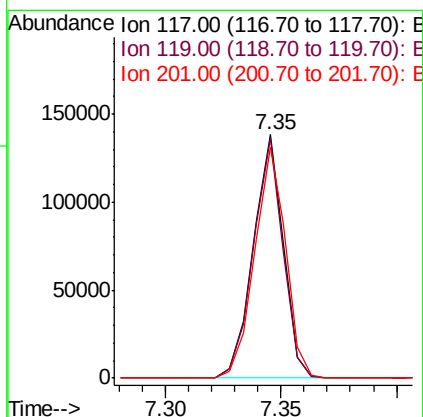
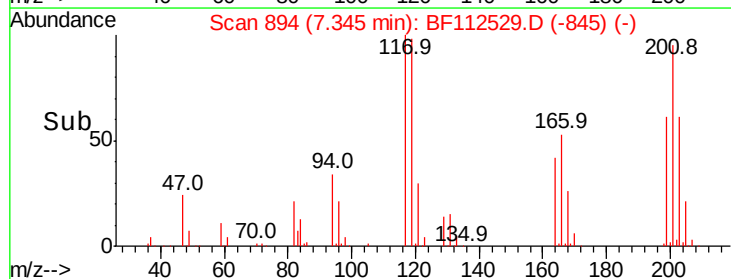
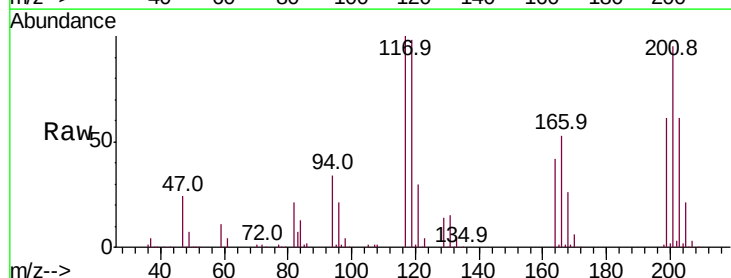
Tgt Ion:117 Resp: 125583

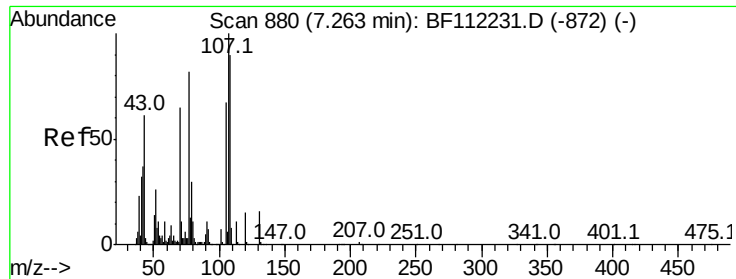
Ion Ratio Lower Upper

117 100

119 98.2 77.0 115.4

201 95.0 74.1 111.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.741 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

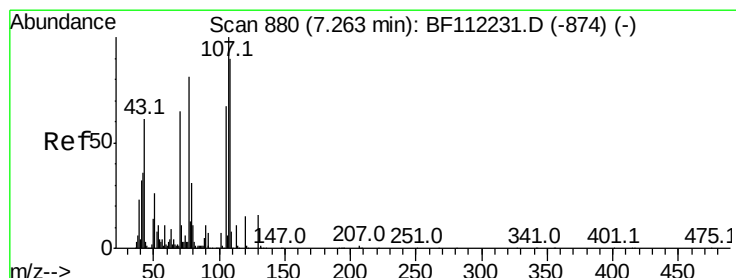
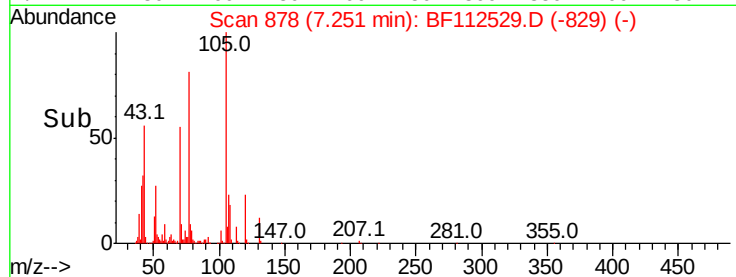
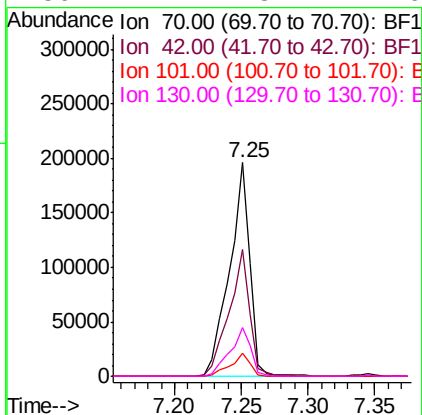
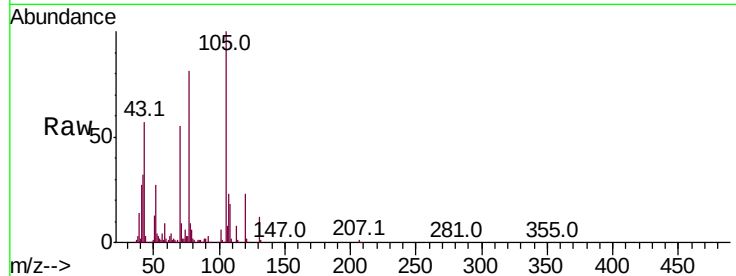
ClientSampleId :

PB117061BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.3	47.6	71.4	
101	10.7	7.9	11.9	
130	22.7	18.4	27.6	

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#20

3+4-Methylphenols

Concen: 43.220 ng

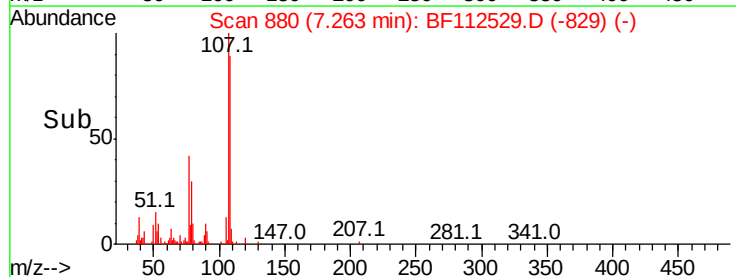
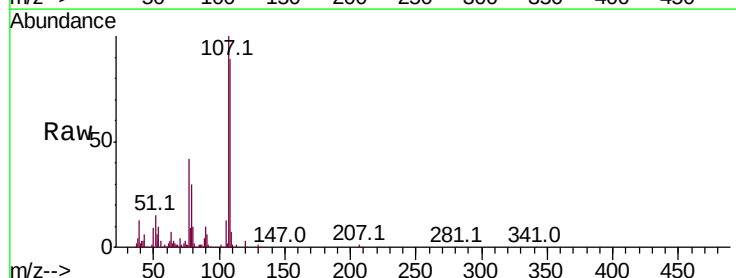
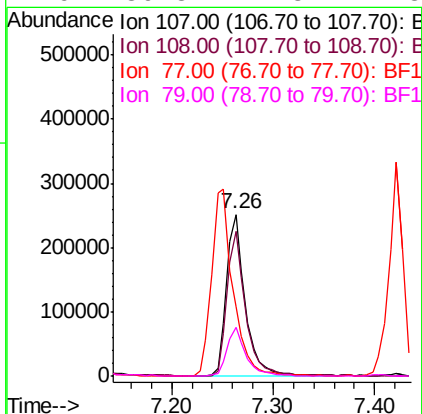
RT: 7.26 min Scan# 880

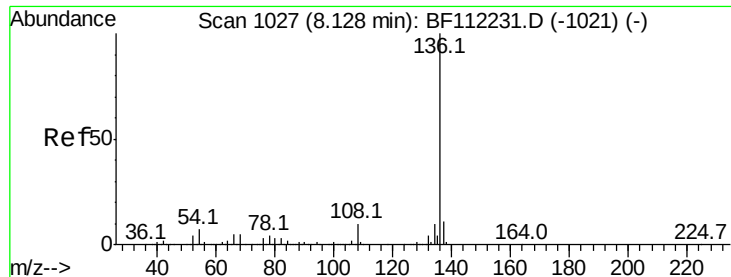
Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	68.2	108.2	
77	42.3	100.7	140.7#	
79	30.3	7.3	47.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

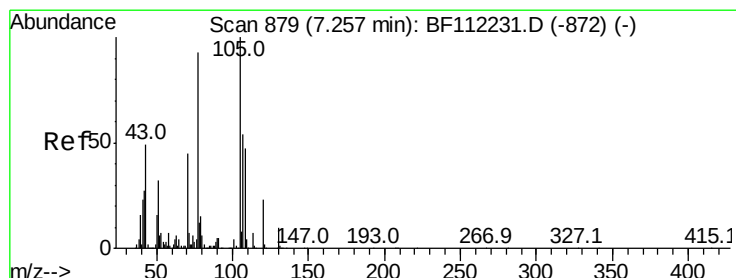
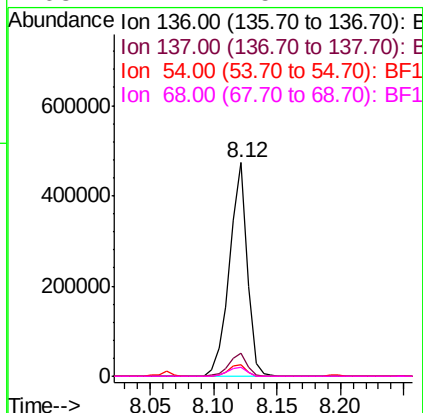
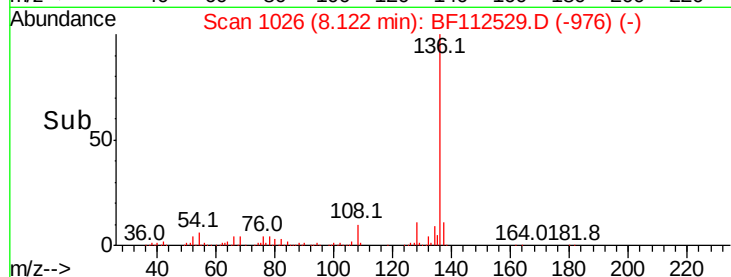
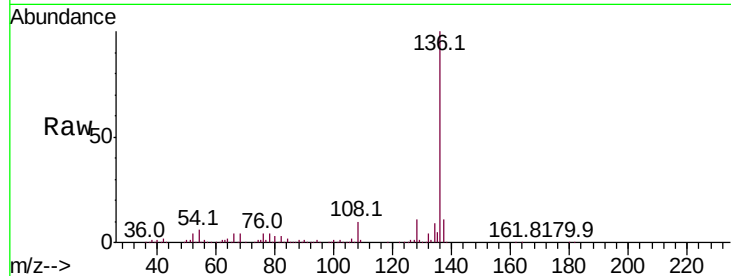
ClientSampleId :

PB117061BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	455632		
137	10.5	9.1	13.7	
54	5.7	5.9	8.9#	
68	4.2	5.1	7.7#	

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#22

Acetophenone

Concen: 38.735 ng

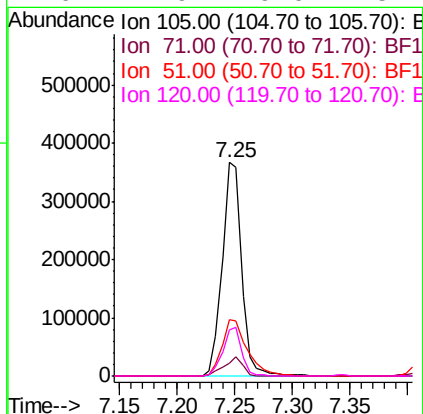
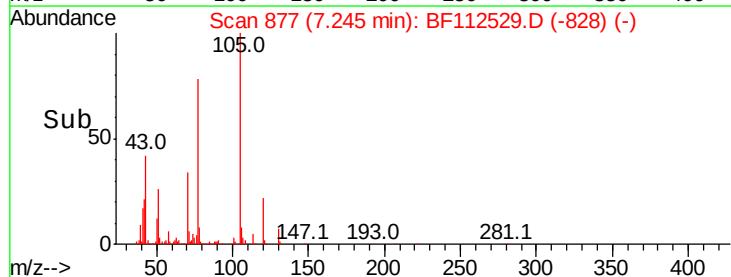
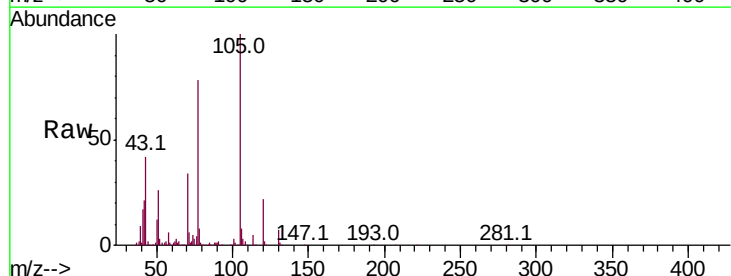
RT: 7.25 min Scan# 877

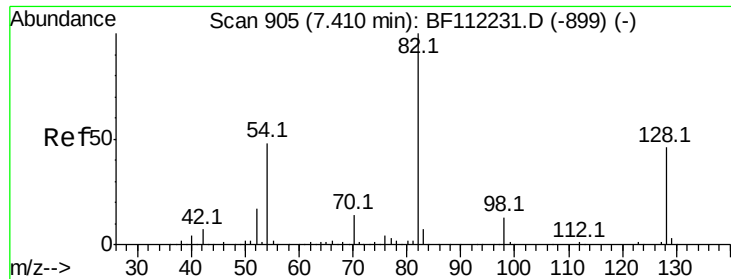
Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	429750		
71	5.7	4.6	6.8	
51	26.3	25.0	37.6	
120	21.9	19.0	28.4	





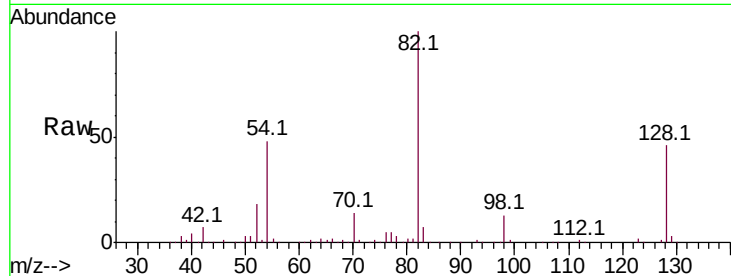
#23
 Nitrobenzene-d5
 Concen: 77.060 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

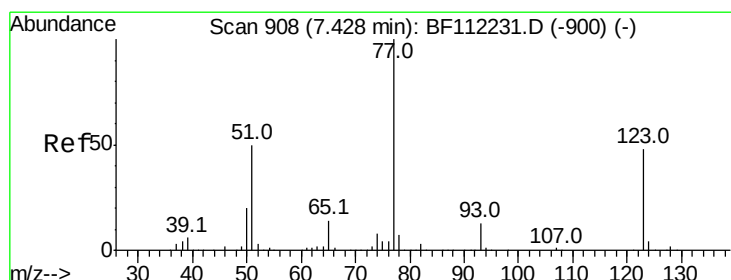
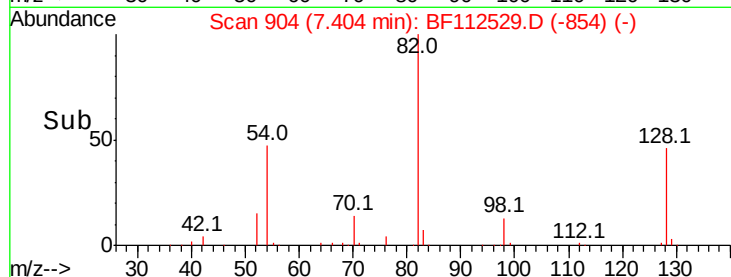
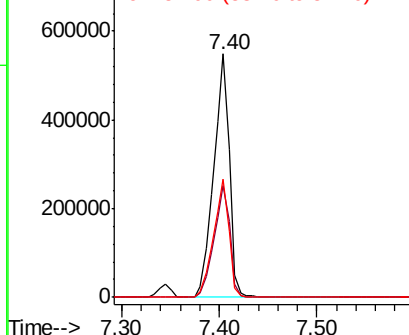
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	48.4	39.7	59.5

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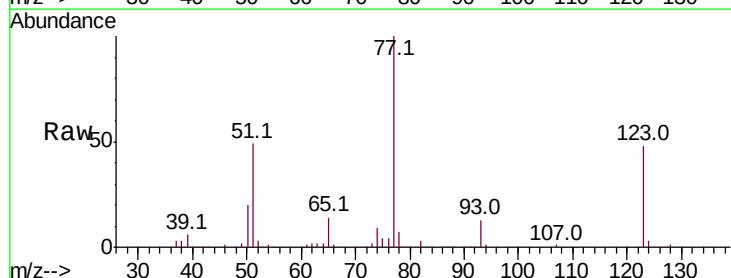


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

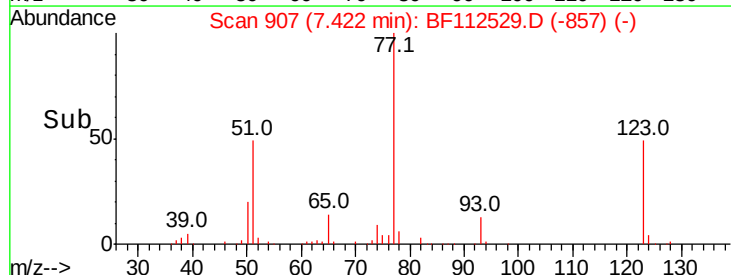
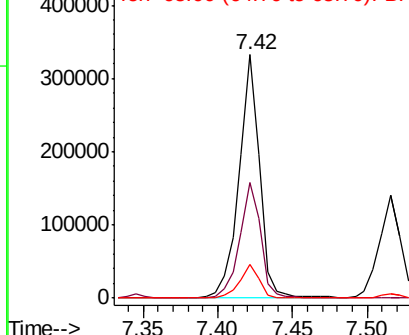


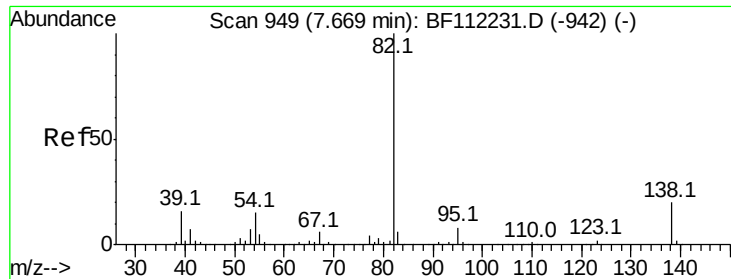
#24
 Nitrobenzene
 Concen: 40.118 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	38.4	57.6
65	13.7	10.6	15.8



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: 45.620 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

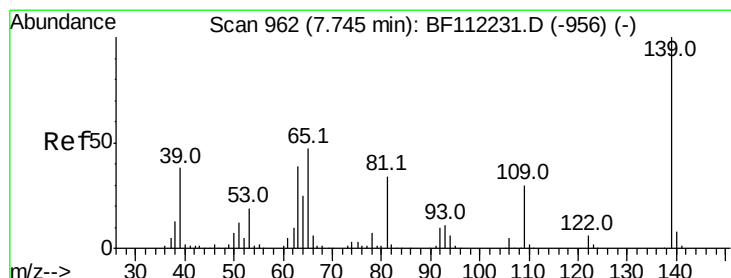
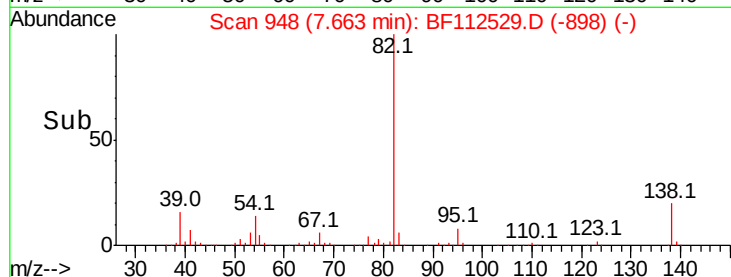
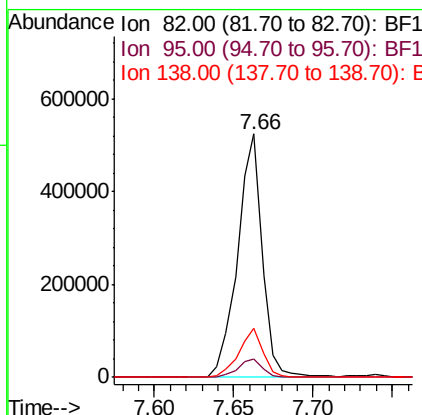
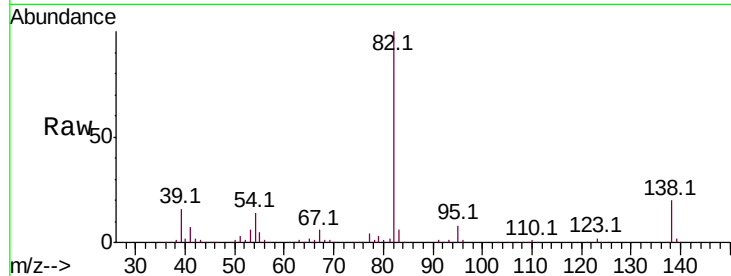
ClientSampleId :

PB117061BS

Tot Ion:	82	Resp:	565935
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.7	8.5
138	20.0	15.4	23.0

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#26

2-Nitrophenol

Concen: 41.024 ng

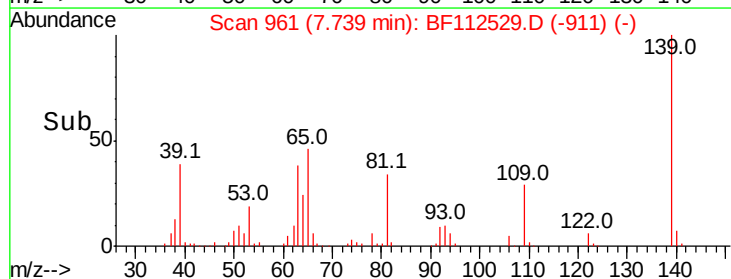
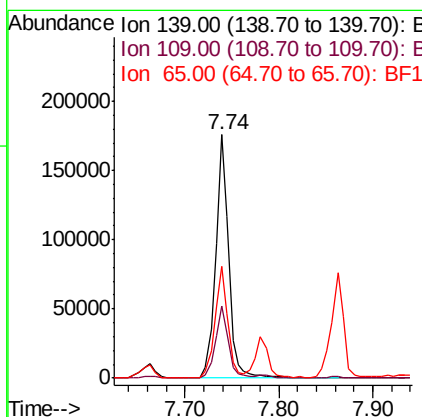
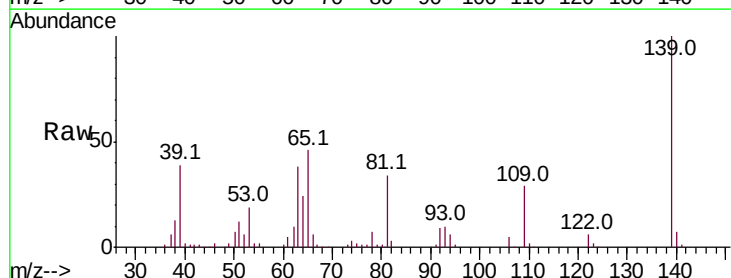
RT: 7.74 min Scan# 961

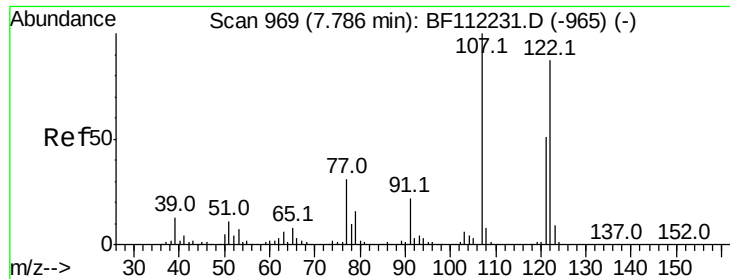
Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion:	139	Resp:	173141
Ion Ratio	Lower	Upper	
139	100		
109	29.5	20.8	31.2
65	46.1	34.4	51.6





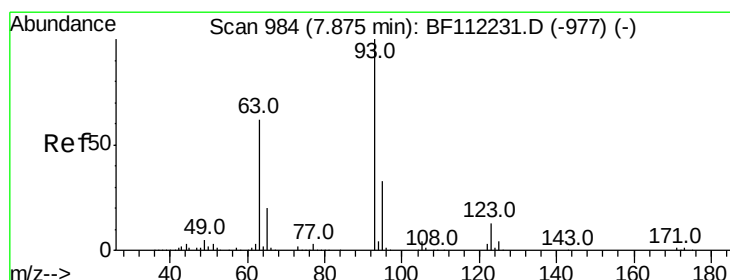
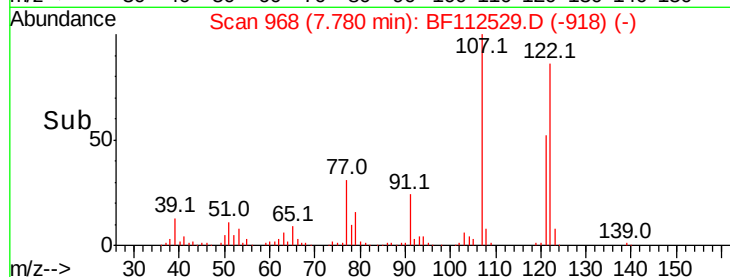
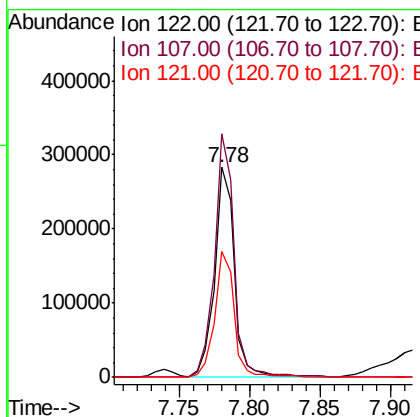
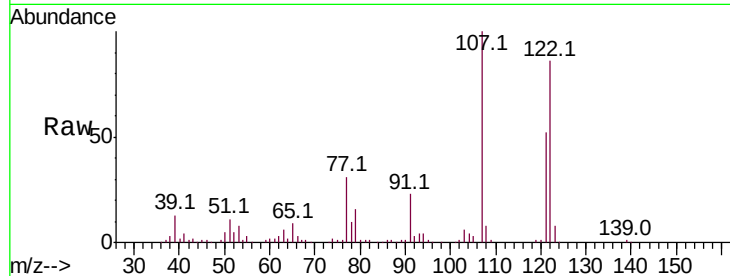
#27
2,4-Dimethylphenol
Concen: 46.957 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	85.4	128.0
121	60.2	47.0	70.4

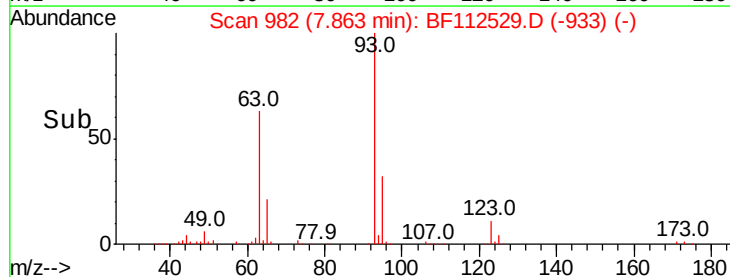
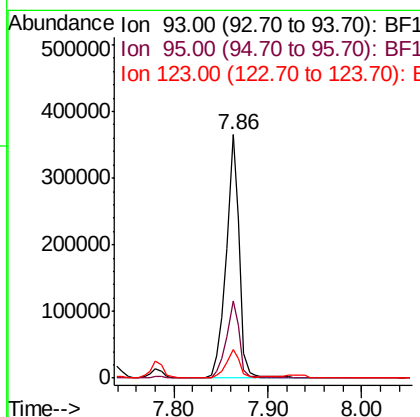
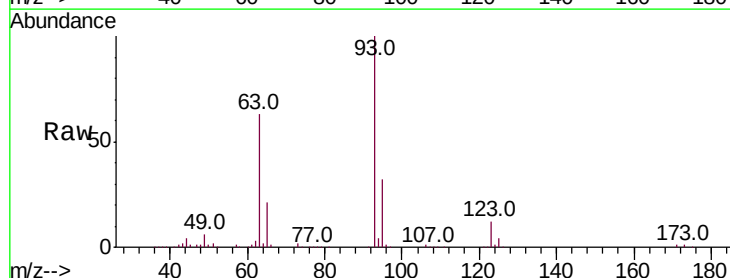
Manual Integrations
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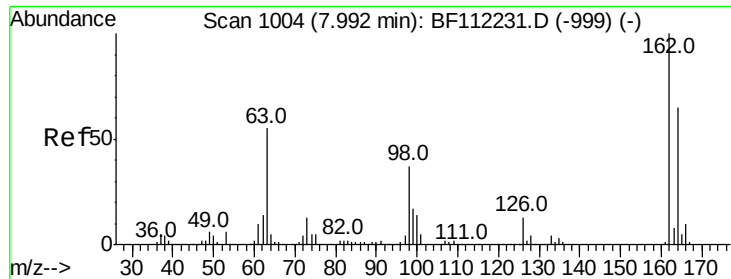
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.727 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.8	40.2
123	11.5	10.2	15.2





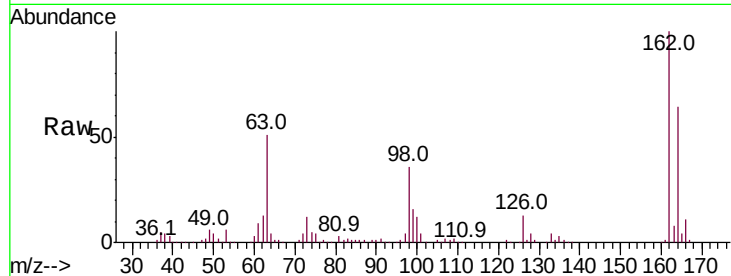
#29
 2,4-Dichlorophenol
 Concen: 42.067 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273736		
164	64.1		44.6	84.6
98	35.8		14.6	54.6

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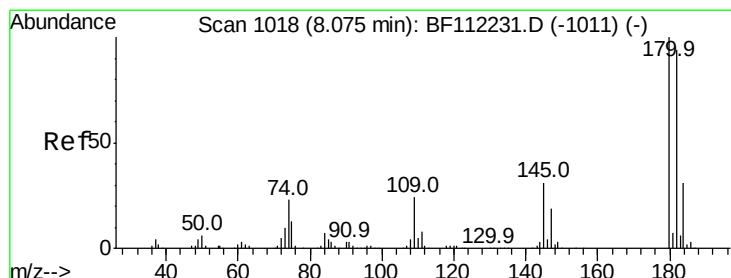
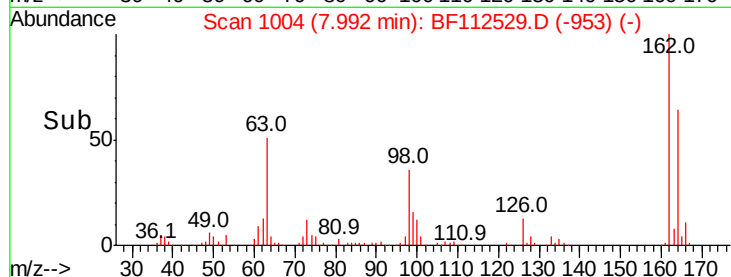
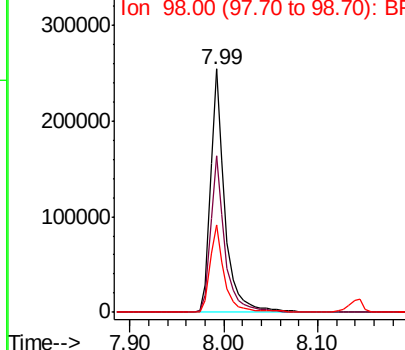


Abundance

Ion 162.00 (161.70 to 162.70): E

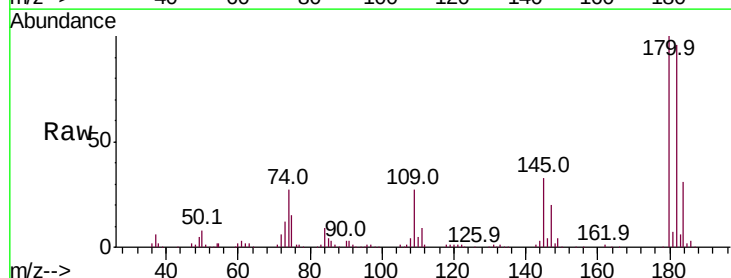
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.307 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	294005		
182	96.0		76.4	114.6
145	32.6		25.0	37.4

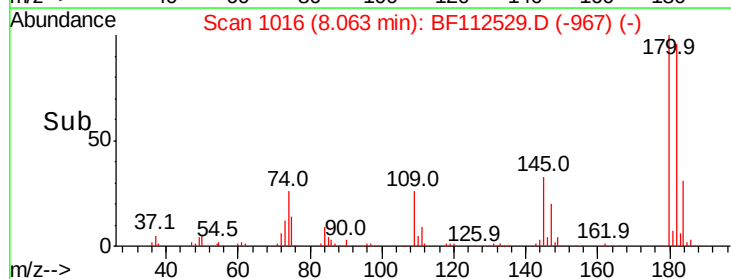
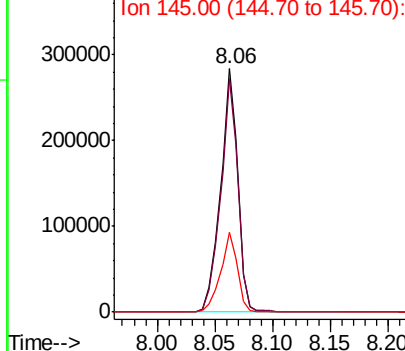


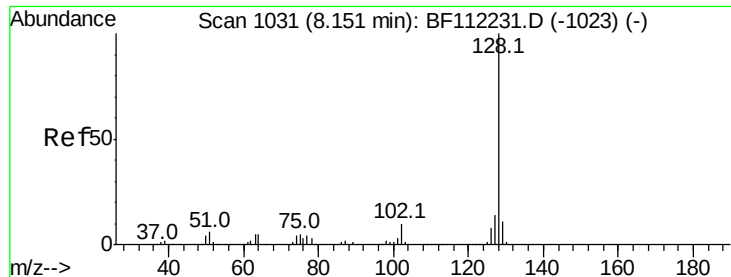
Abundance

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





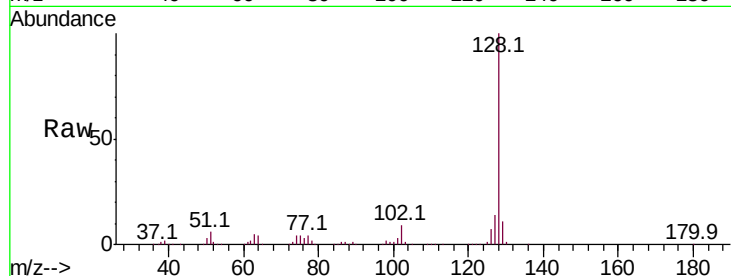
#31
Naphthalene
Concen: 43.194 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.6	9.6	14.4	
127	13.8	11.1	16.7	

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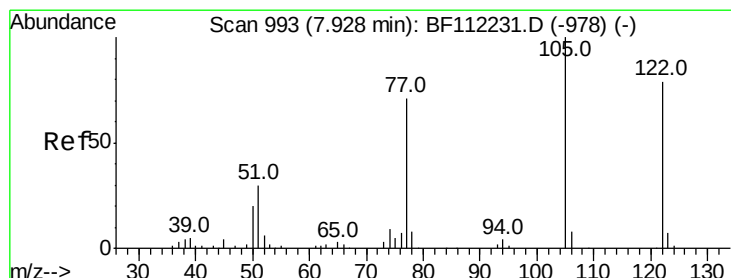
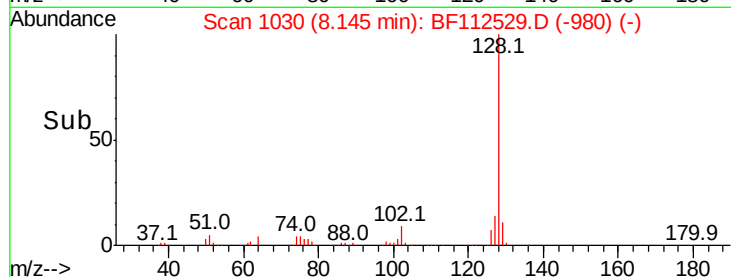
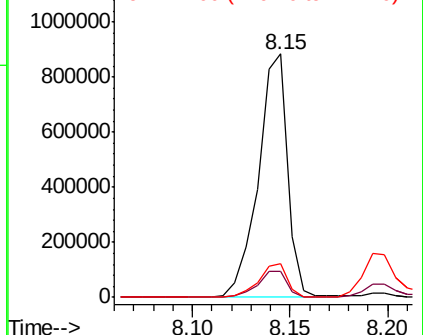


Abundance

Ion 128.00 (127.70 to 128.70): E

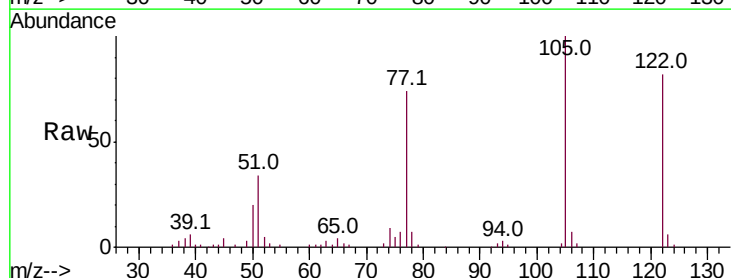
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.535 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.3	101.2	141.2	
77	90.5	70.4	110.4	

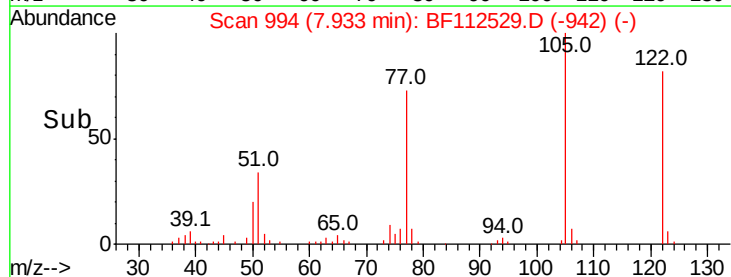
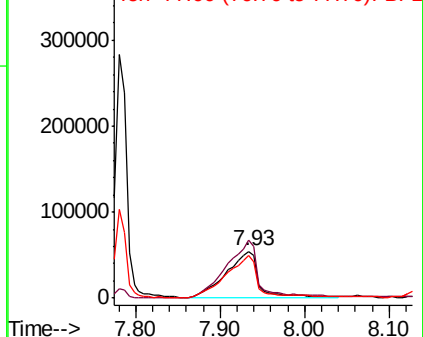


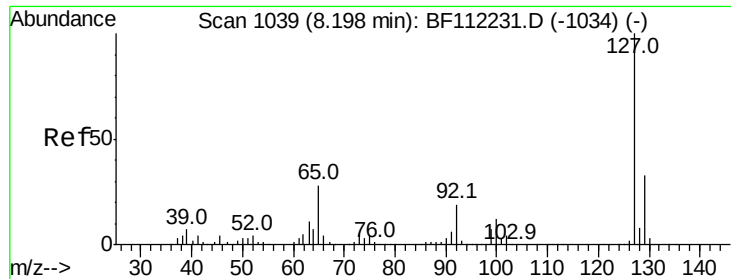
Abundance

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





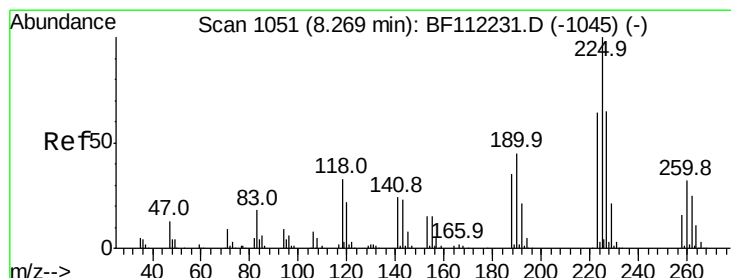
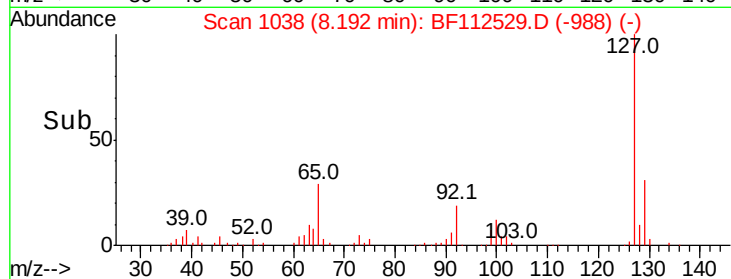
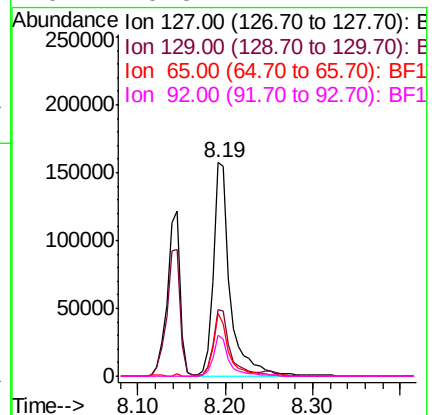
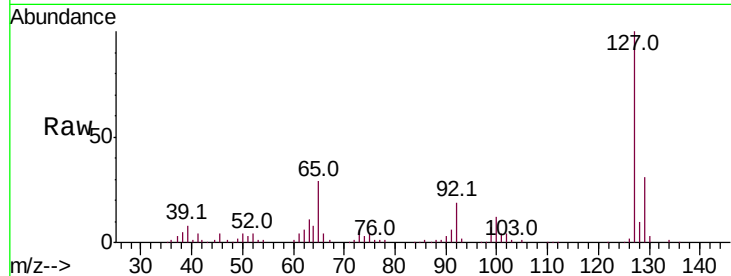
#33
4-Chloroaniline
Concen: 22.582 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB117061BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	209508		
129	31.3		26.6	39.8
65	29.4		21.4	32.2
92	19.3		14.2	21.2

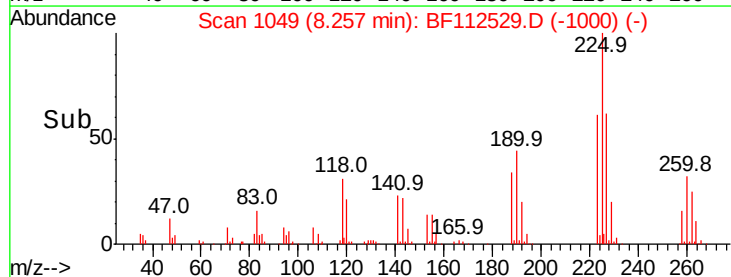
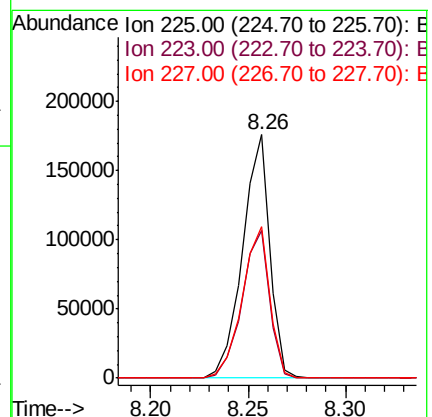
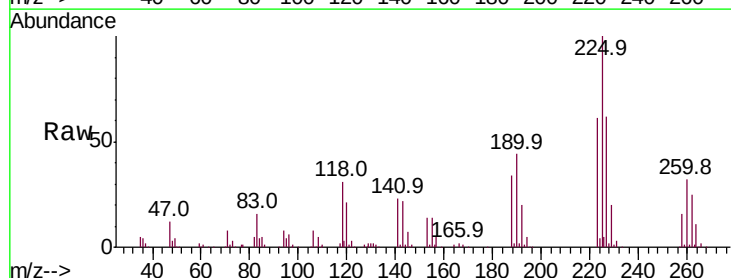
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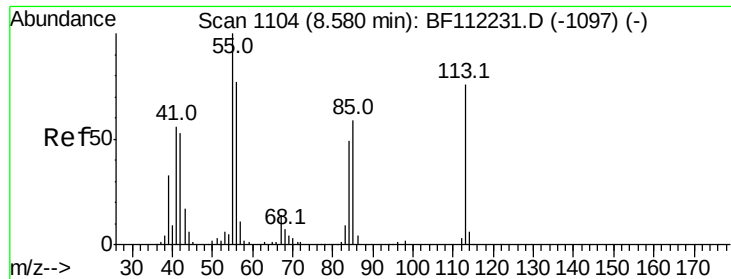
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#34
Hexachlorobutadiene
Concen: 38.681 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169782		
223	60.6		50.3	75.5
227	62.0		51.8	77.8





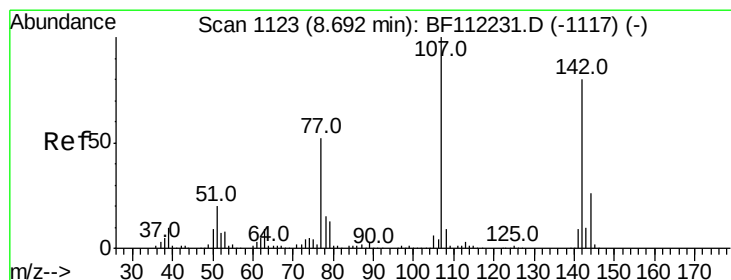
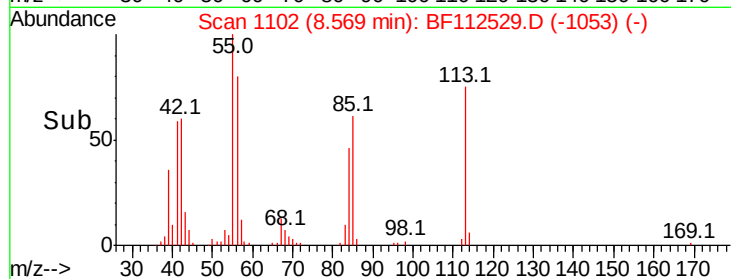
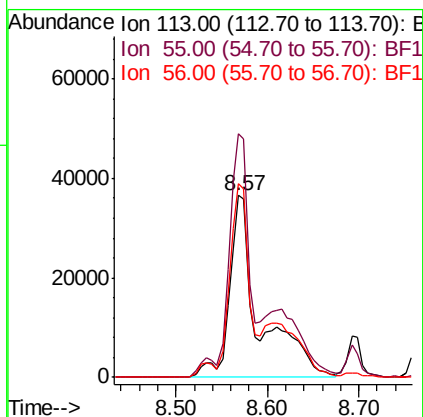
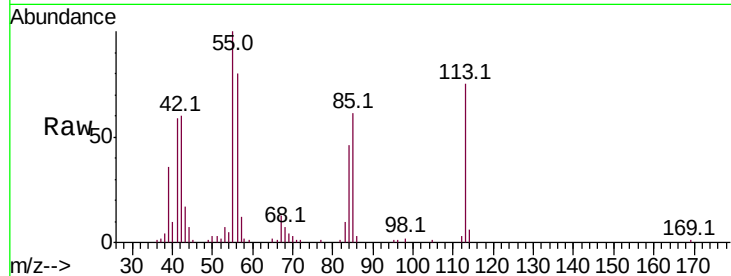
#35
 Caprolactam
 Concen: 36.068 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleID :
 PB117061BS

Tot Ion:113 Resp: 82797
 Ion Ratio Lower Upper
 113 100
 55 133.8 121.6 161.6
 56 106.8 86.7 126.7

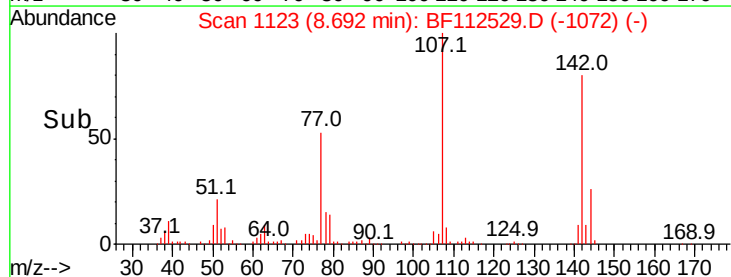
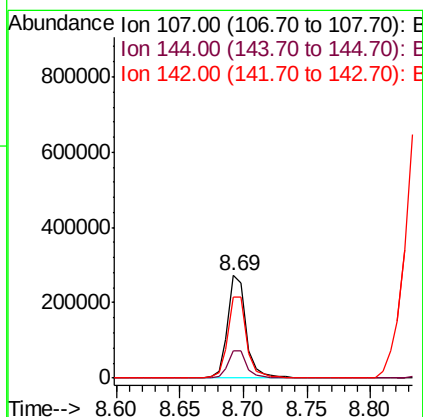
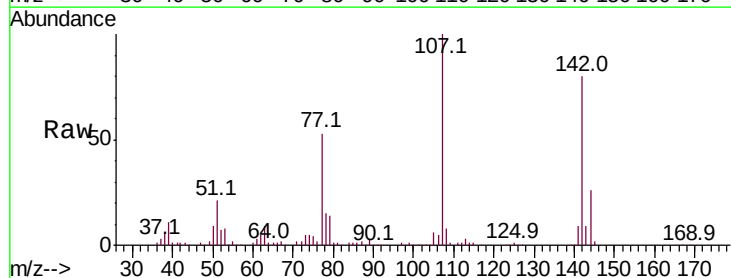
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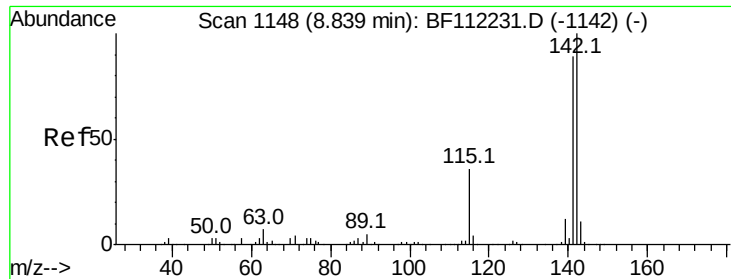
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#36
 4-Chloro-3-methylphenol
 Concen: 40.107 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion:107 Resp: 276282
 Ion Ratio Lower Upper
 107 100
 144 26.4 22.2 33.2
 142 79.7 67.7 101.5





#37

2-Methylnaphthalene

Concen: 44.320 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

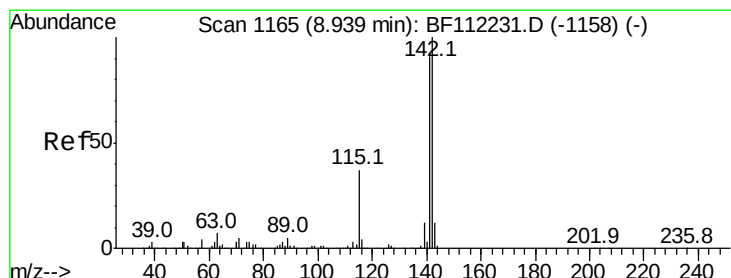
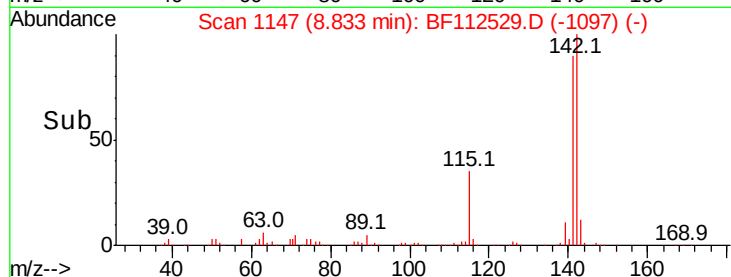
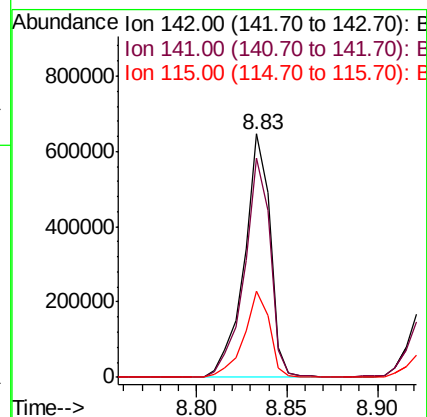
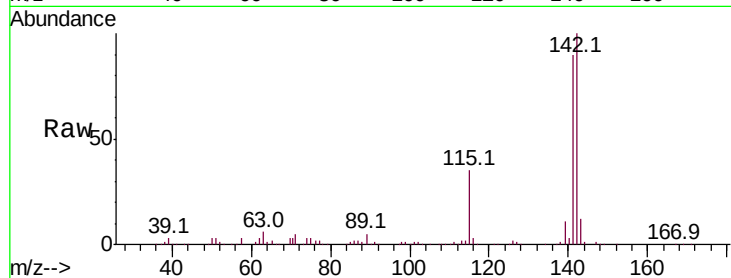
ClientSampleId :

PB117061BS

Tot Ion:	142	Resp:	646479
Ion Ratio	Lower	Upper	
142	100		
141	90.0	70.9	106.3
115	35.2	24.9	37.3

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#38

1-Methylnaphthalene

Concen: 43.882 ng

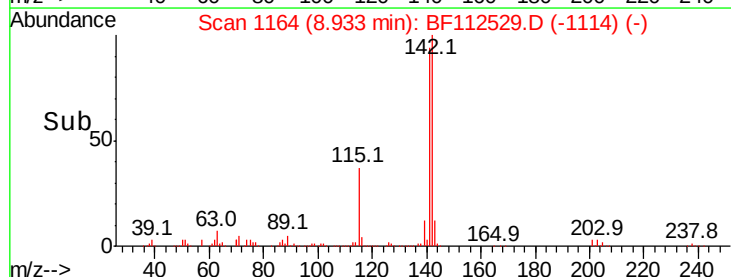
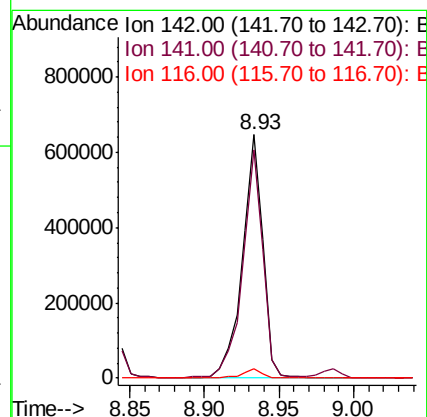
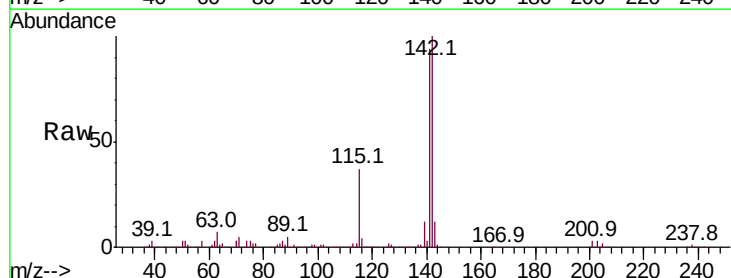
RT: 8.93 min Scan# 1164

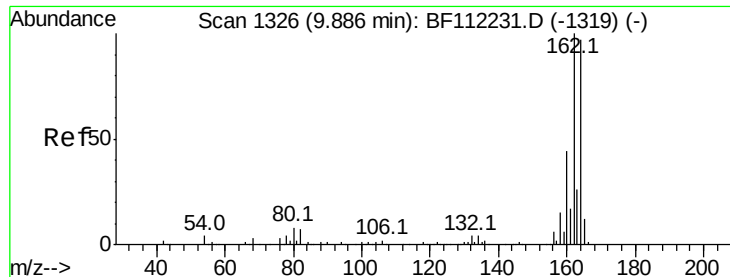
Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion:	142	Resp:	613508
Ion Ratio	Lower	Upper	
142	100		
141	93.9	72.6	108.8
116	3.7	2.8	4.2





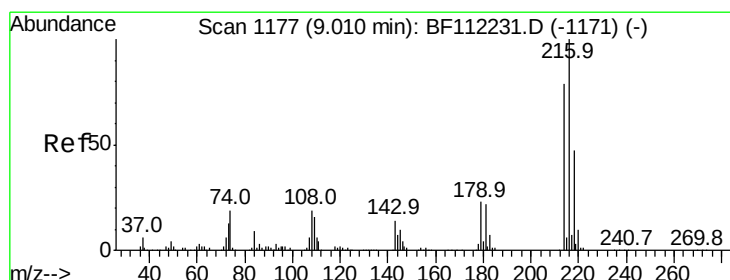
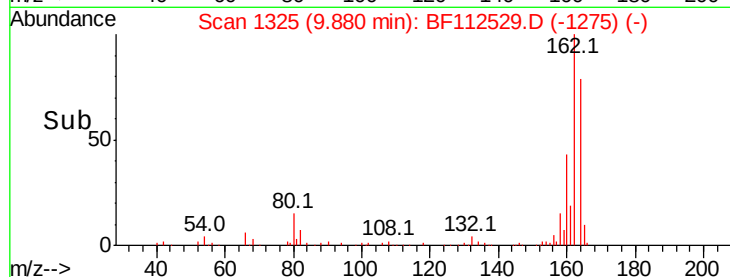
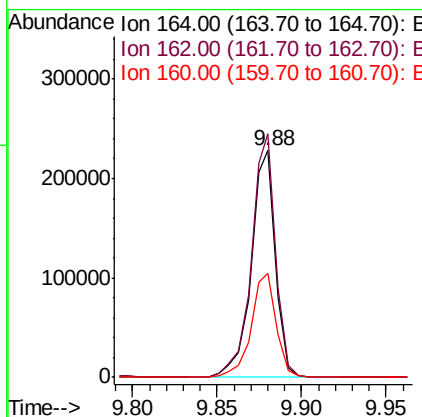
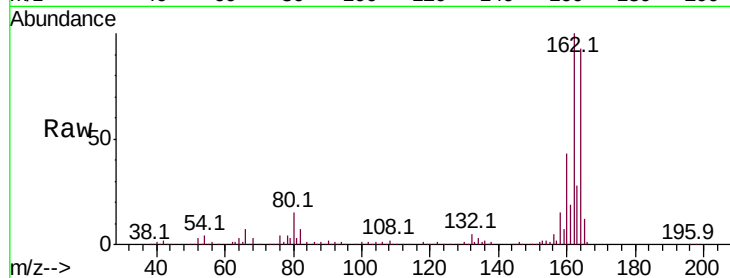
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.2	123.4
160	45.9	36.2	54.4

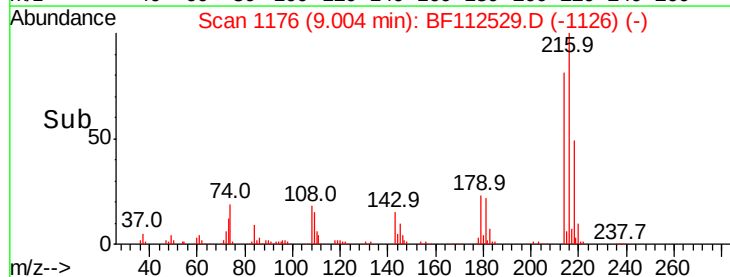
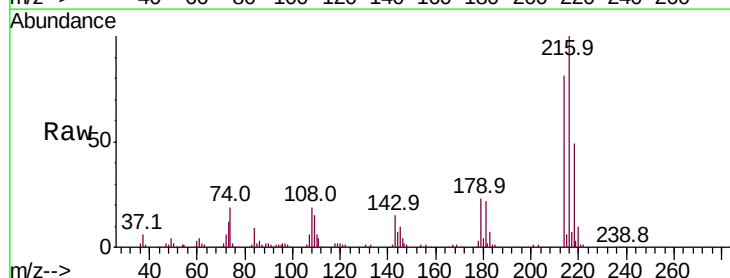
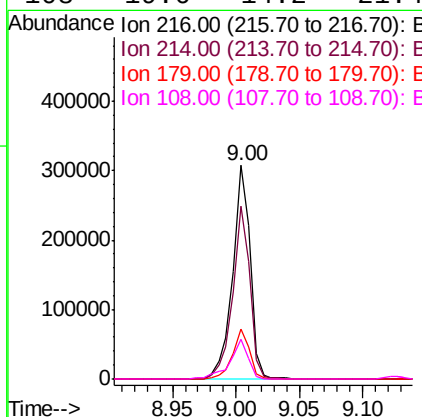
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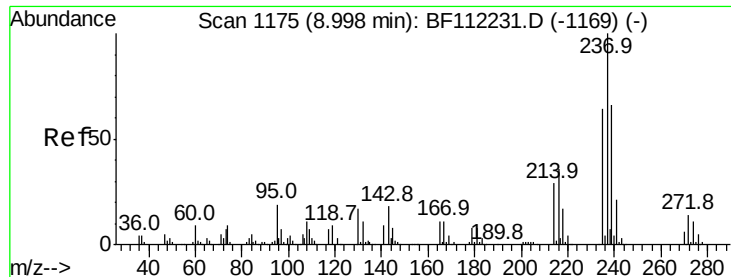
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.010 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.3	16.9	25.3
108	19.6	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 61.697 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

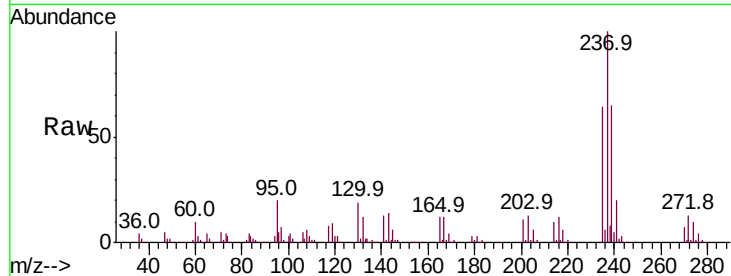
ClientSampled :

PB117061BS

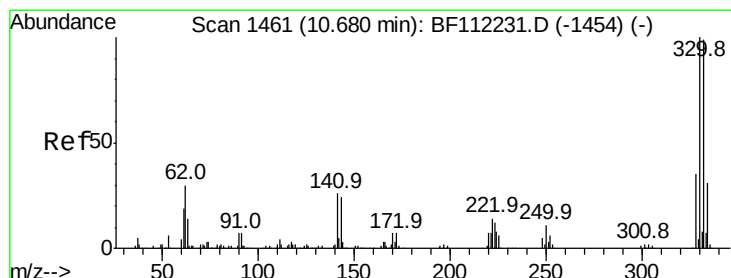
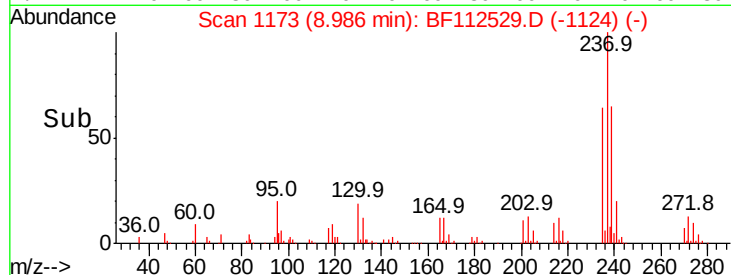
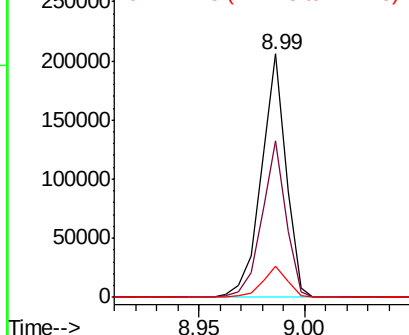
Tot Ion:	237	Resp:	167932
Ion Ratio	Lower	Upper	
237	100		
235	64.4	44.0	84.0
272	13.0	0.0	33.3

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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



#42

2,4,6-Tribromophenol

Concen: 141.062 ng

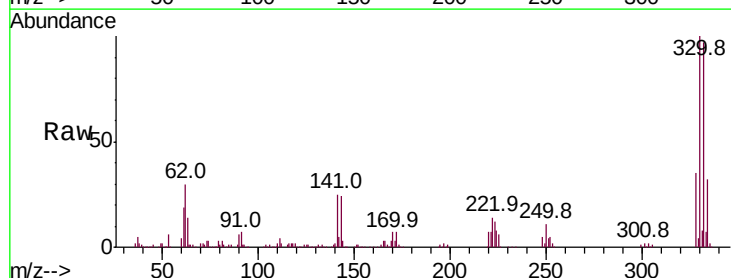
RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

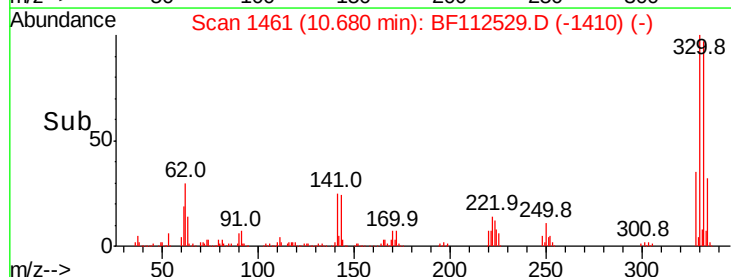
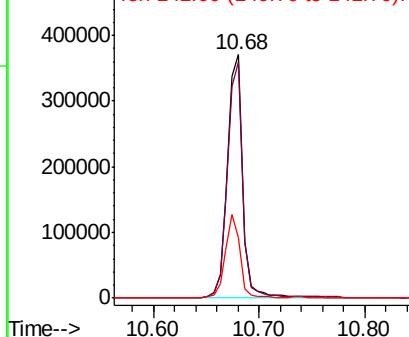
Lab File: BF112529.D

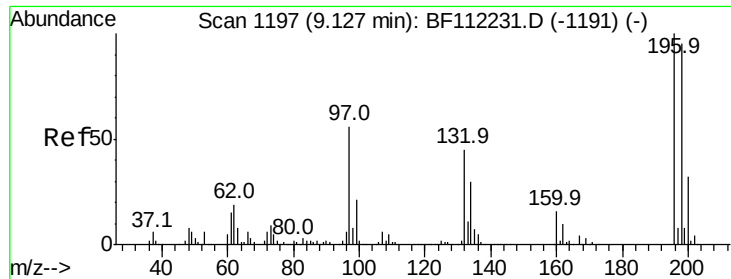
Acq: 13 Feb 2019 10:38

Tgt Ion:	330	Resp:	374110
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.6	114.8
141	33.1	24.3	36.5



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





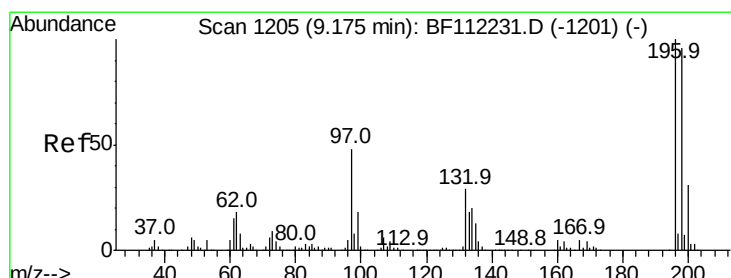
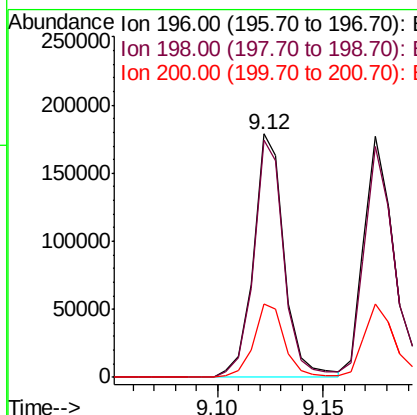
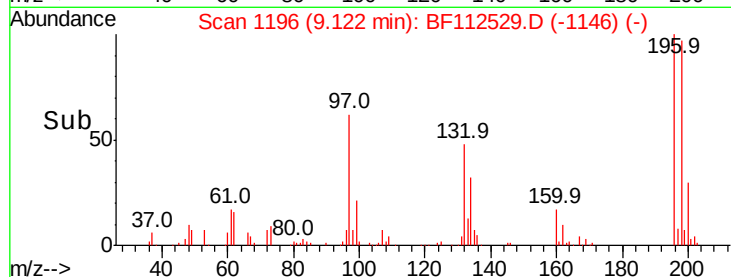
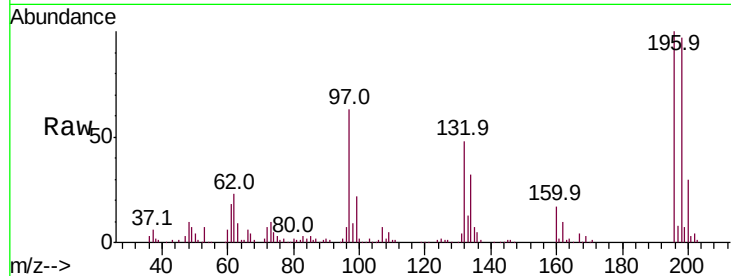
#43
 2,4,6-Trichlorophenol
 Concen: 39.481 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

Tot Ion:	196	Resp:	182061
Ion Ratio	Lower	Upper	
196	100		
198	97.5	76.2	114.4
200	30.2	24.3	36.5

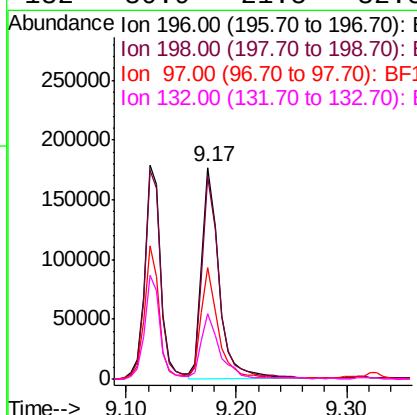
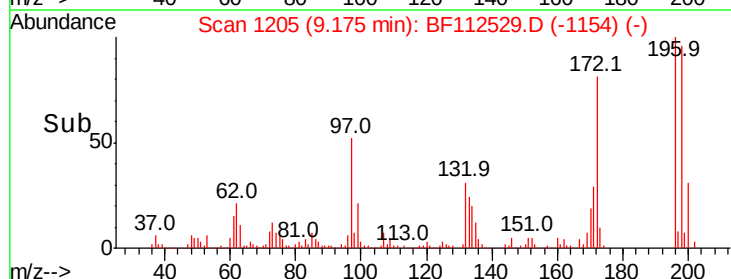
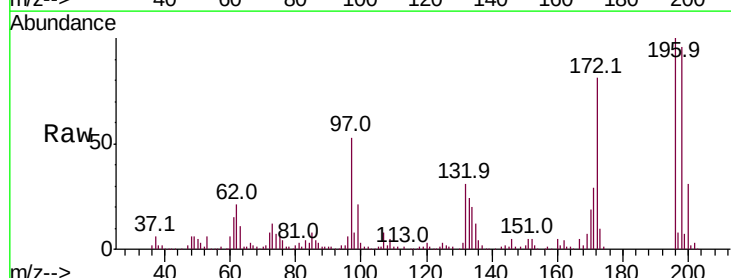
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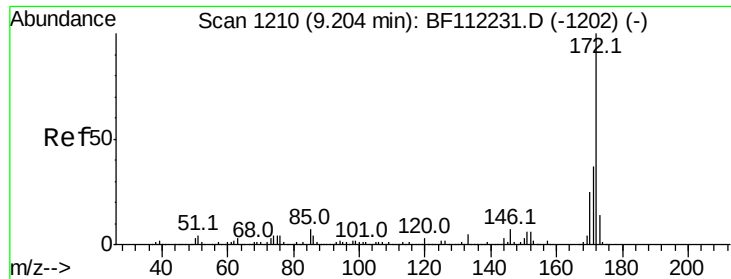
Sohil
 2/14/2019 11:36:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.870 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion:	196	Resp:	187333
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.0	114.0
97	52.6	36.4	54.6
132	30.9	21.5	32.3





#45

2-Fluorobiphenyl

Concen: 79.333 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB117061BS

Tot Ion:172 Resp: 1278043

Ion Ratio Lower Upper

172 100

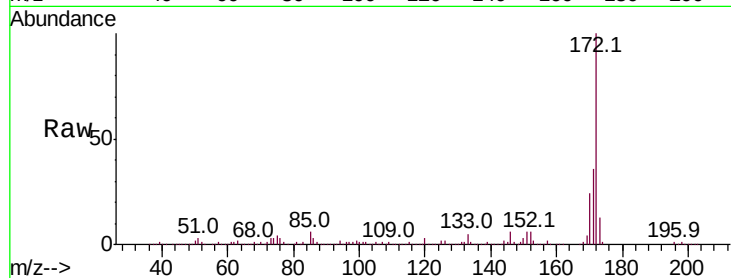
171 36.4 30.5 45.7

170 23.9 20.2 30.4

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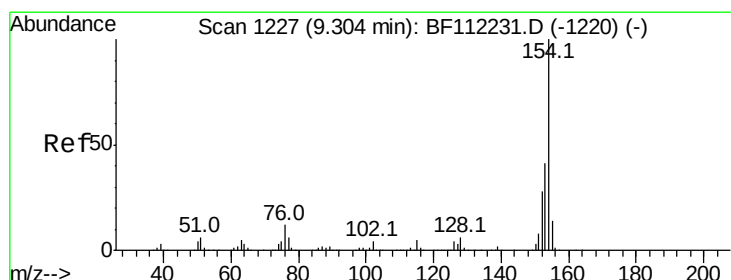
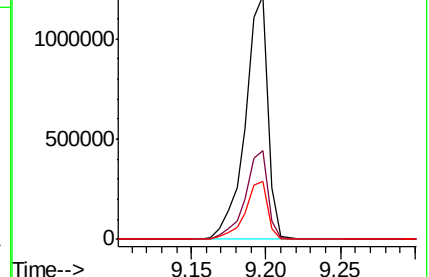
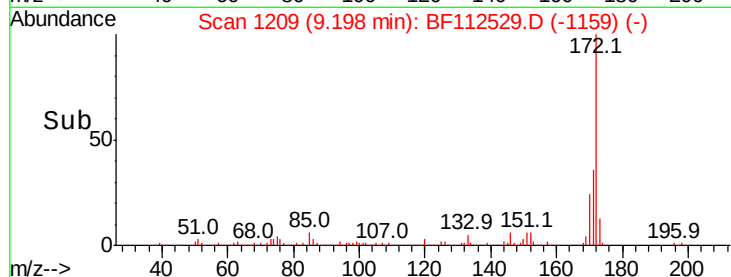
2/14/2019 11:36:04 AM



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



#46

1,1'-Biphenyl

Concen: 39.856 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

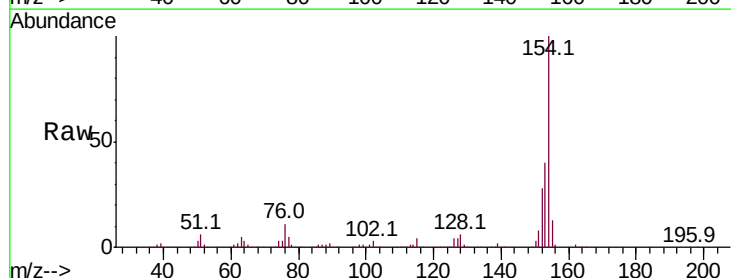
Tgt Ion:154 Resp: 793903

Ion Ratio Lower Upper

154 100

153 40.5 21.5 61.5

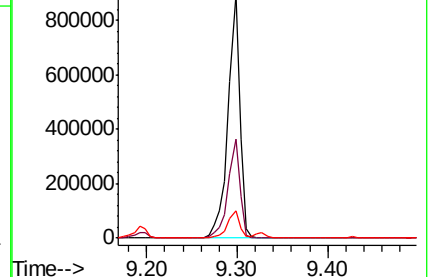
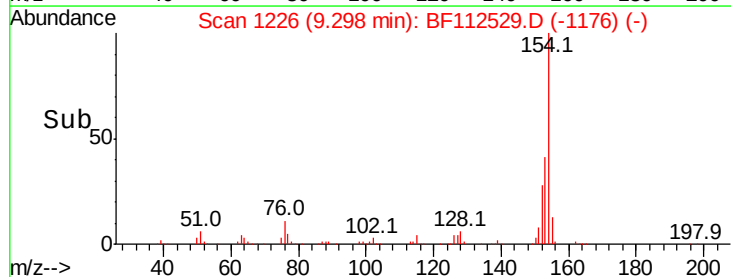
76 11.1 0.0 33.1

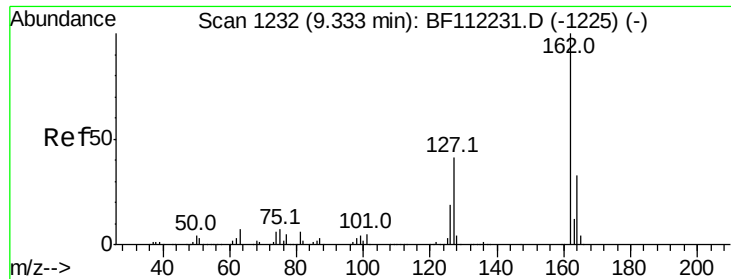


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





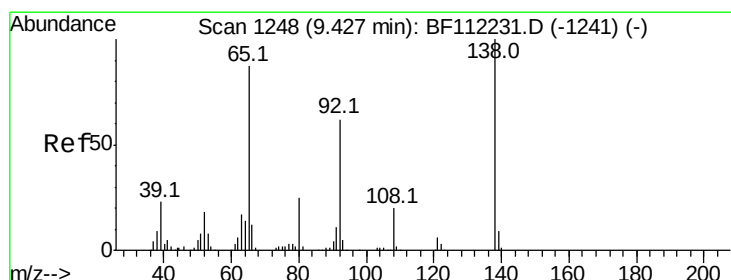
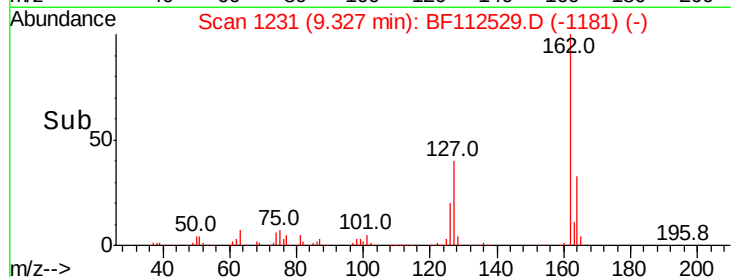
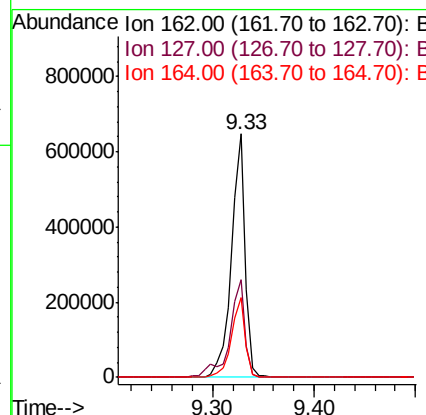
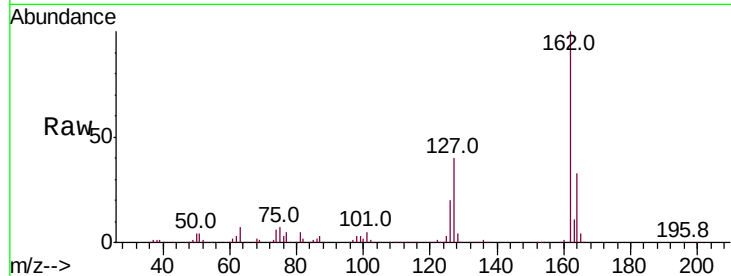
#47
 2-Chloronaphthalene
 Concen: 39.300 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.9	30.4	45.6
164	32.6	27.4	41.2

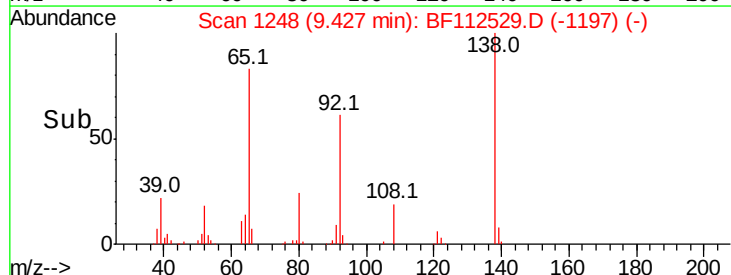
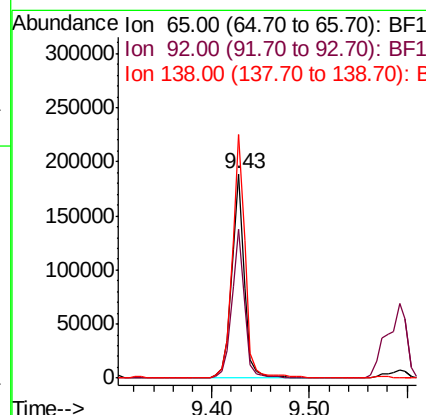
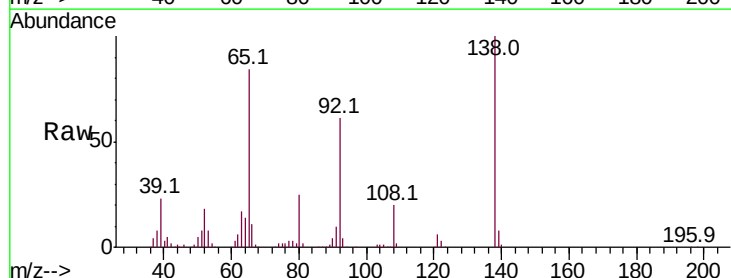
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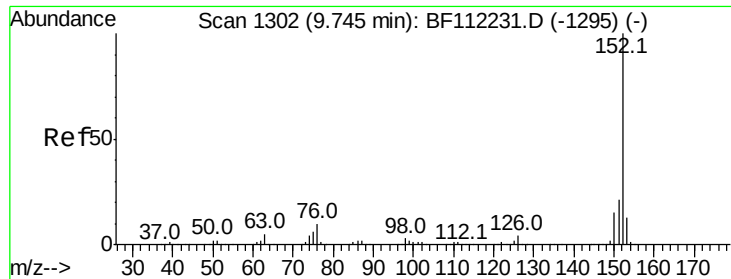
Sohil
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#48
 2-Nitroaniline
 Concen: 39.887 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.3	60.4	90.6
138	119.4	104.4	156.6





#49

Acenaphthylene

Concen: 42.767 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

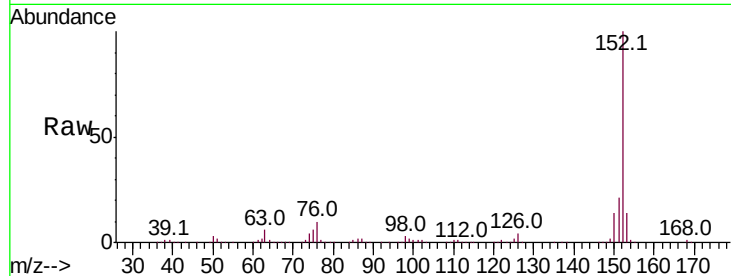
ClientSampled :

PB117061BS

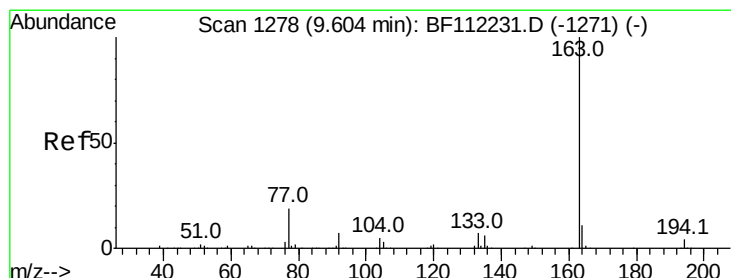
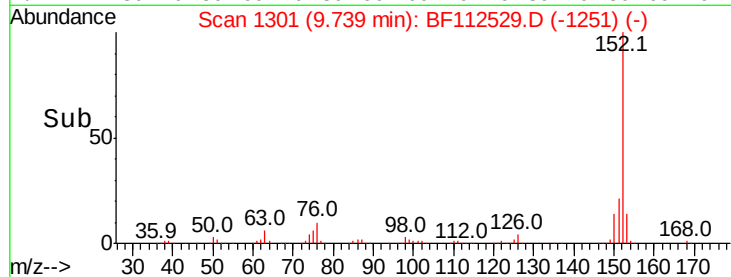
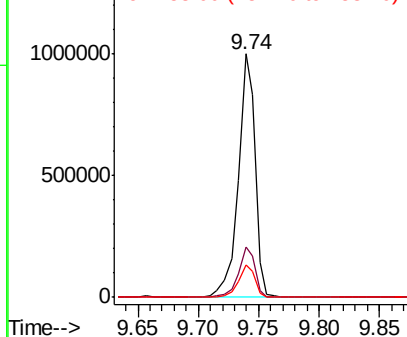
Tot Ion:	152	Resp:	968267
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.0	25.6
153	13.5	11.2	16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.277 ng

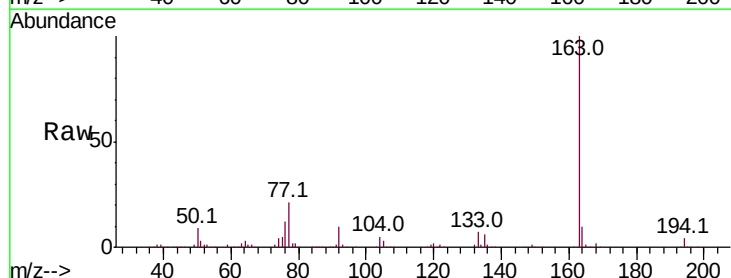
RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

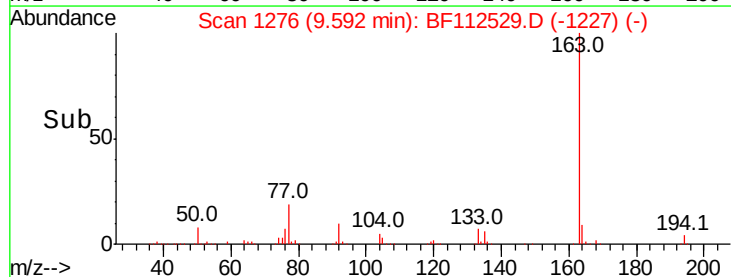
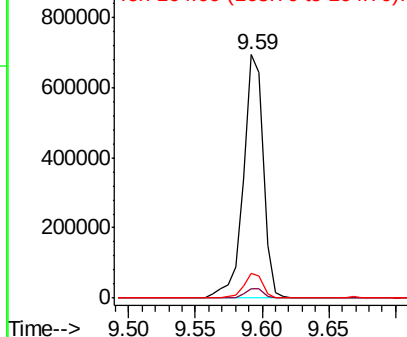
Lab File: BF112529.D

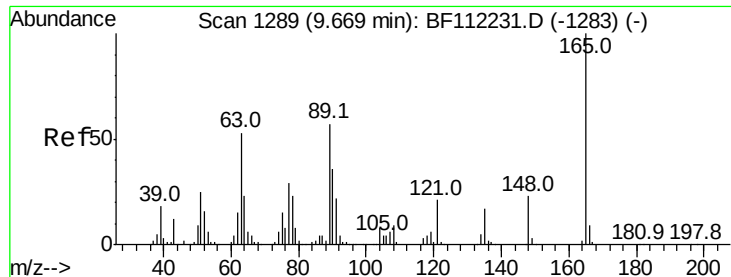
Acq: 13 Feb 2019 10:38

Tgt Ion:	163	Resp:	713014
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.3	4.9
164	10.4	8.5	12.7



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





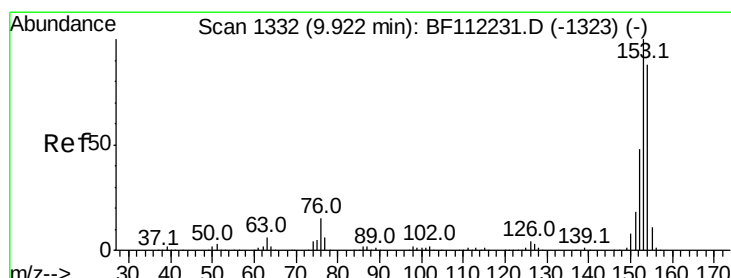
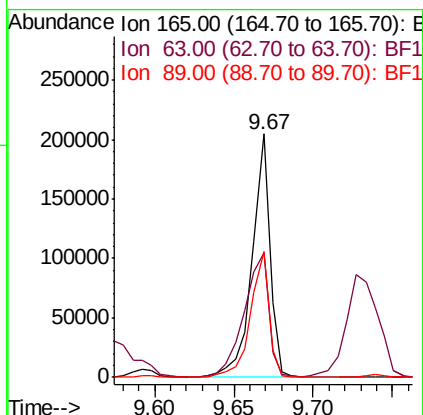
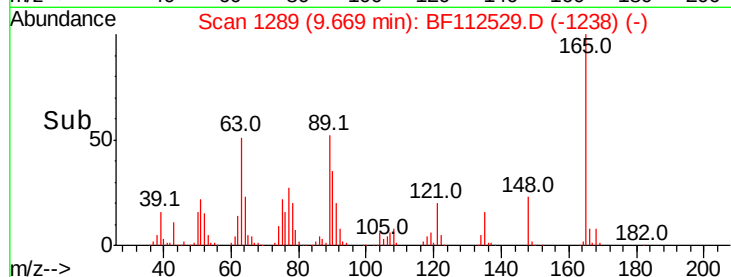
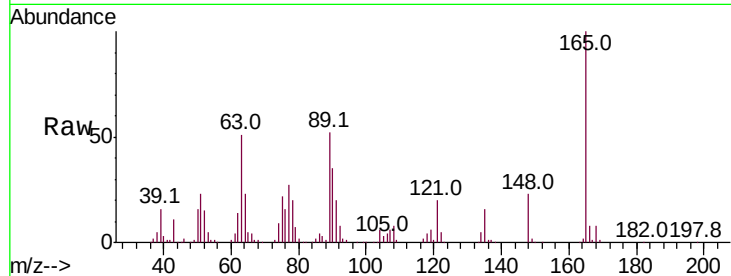
#51
2,6-Dinitrotoluene
Concen: 40.559 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB117061BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160804		
63	51.1	33.8	50.8#	
89	51.6	36.9	55.3	

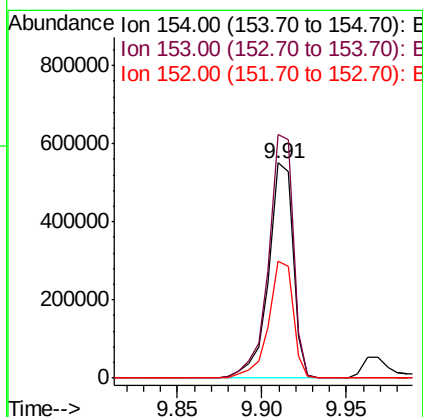
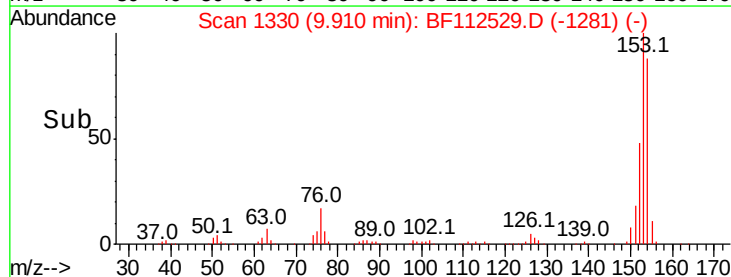
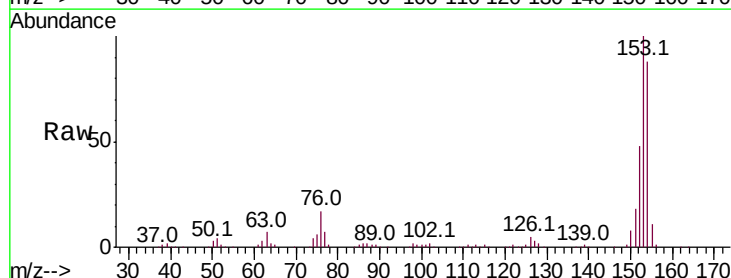
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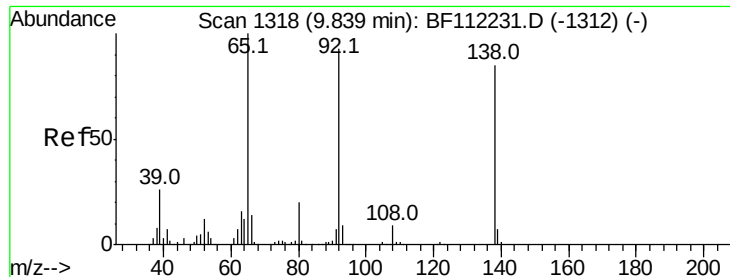
Sohil
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#52
Acenaphthene
Concen: 40.970 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	554111		
153	113.2	89.8	134.6	
152	54.5	43.5	65.3	





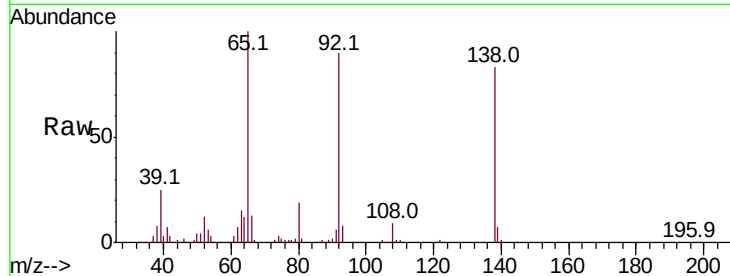
#53
3-Nitroaniline
Concen: 25.392 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

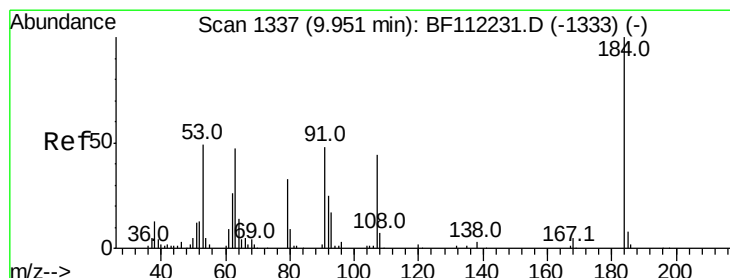
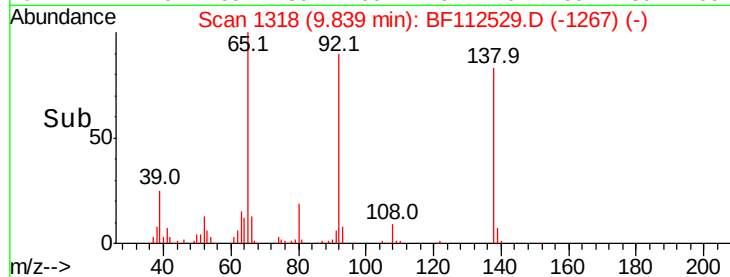
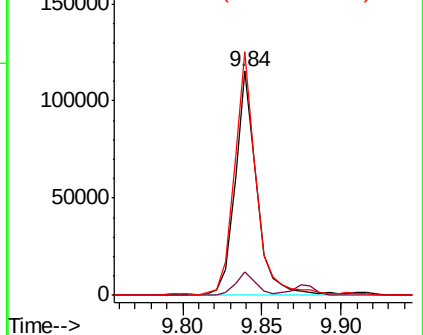
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	108.6	79.4	119.2

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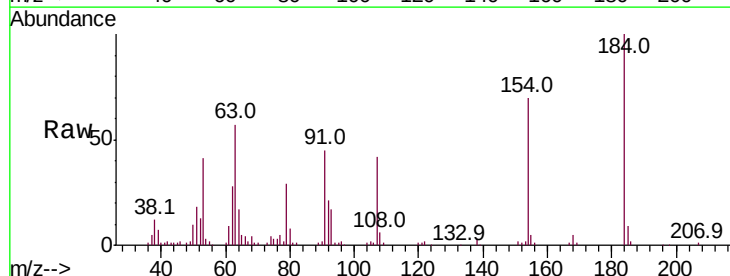


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

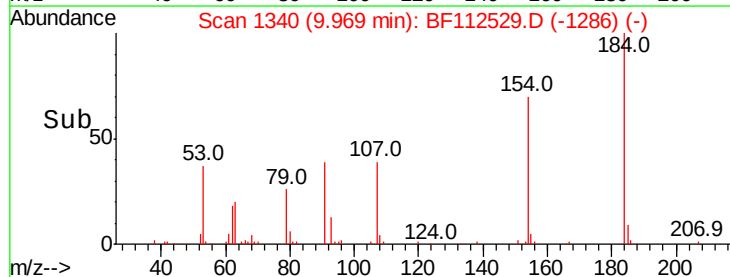
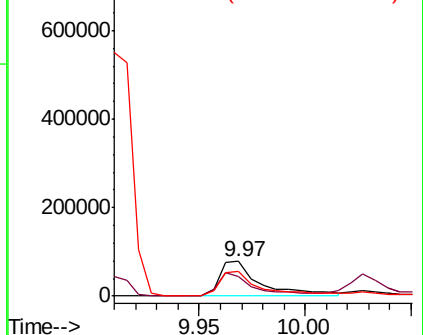


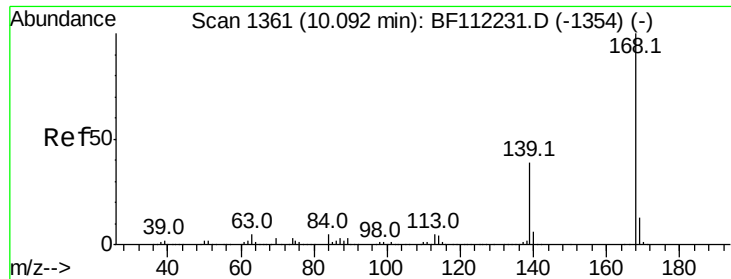
#54
2,4-Dinitrophenol
Concen: 83.494 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.7	47.1	70.7
154	69.8	48.9	73.3



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





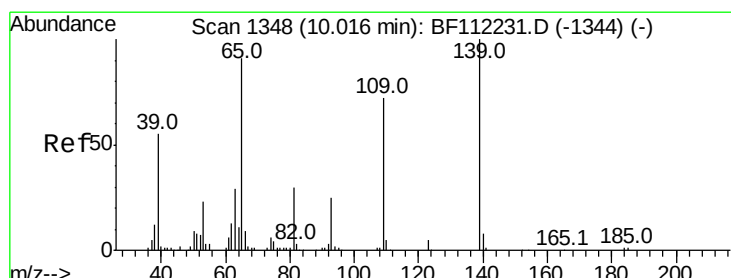
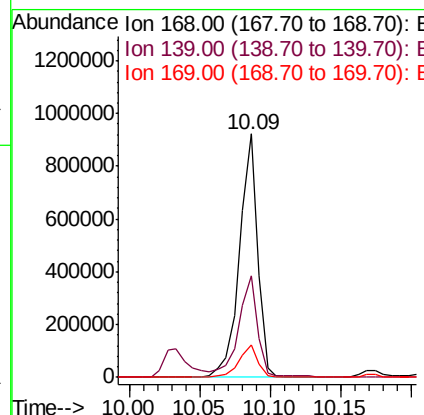
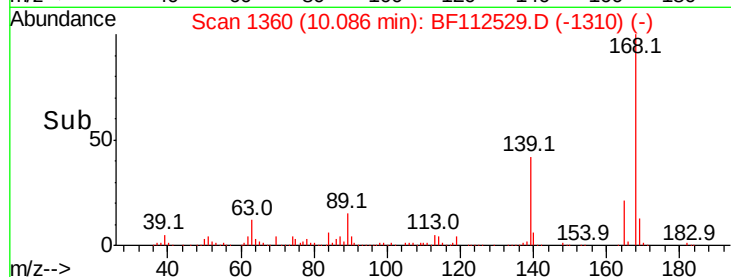
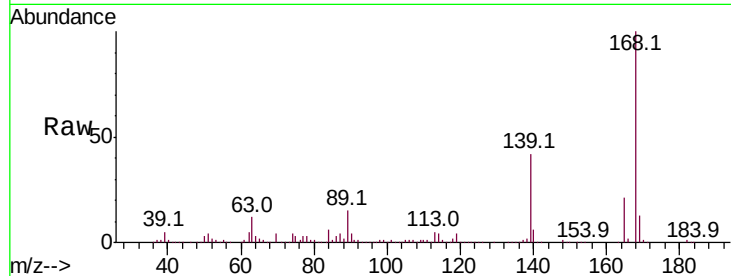
#55
Dibenzofuran
Concen: 40.099 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	29.2	43.8
169	13.2	11.4	17.0

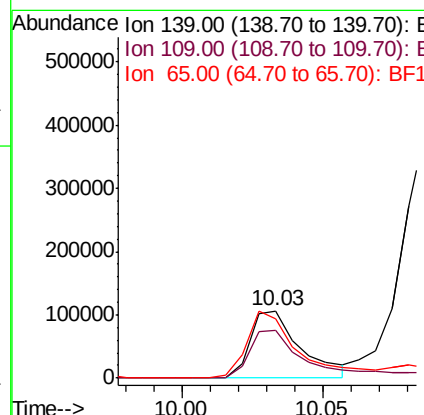
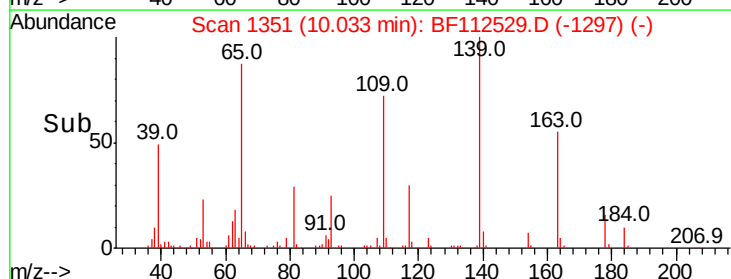
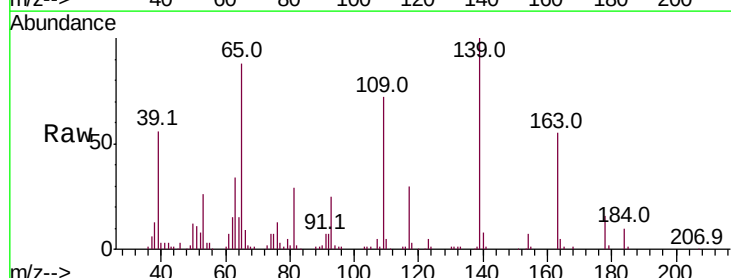
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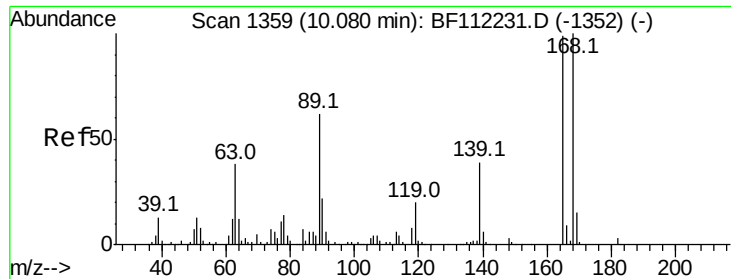
Sohil
2/14/2019 11:36:04 AM



#56
4-Nitrophenol
Concen: 57.920 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	42.8	82.8
65	88.1	66.1	106.1





#57

2,4-Dinitrotoluene

Concen: 41.207 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB117061BS

Tot Ion:165 Resp: 207987
Ion Ratio Lower Upper

165 100

63 59.9 27.9 41.9#

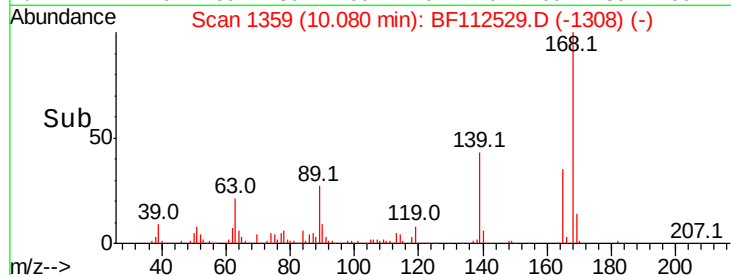
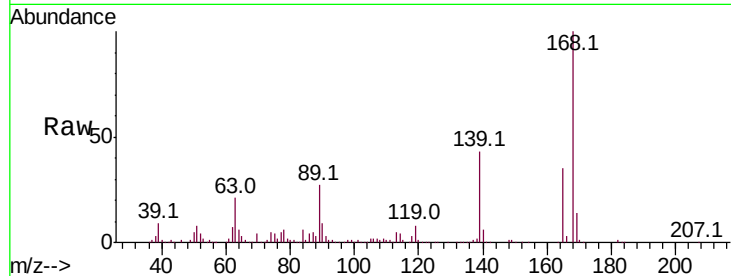
89 76.8 47.9 71.9#

182 2.8 2.2 3.4

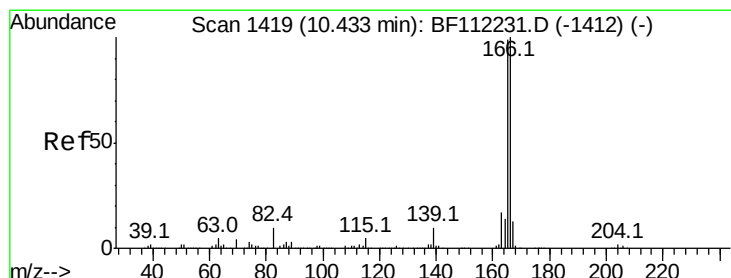
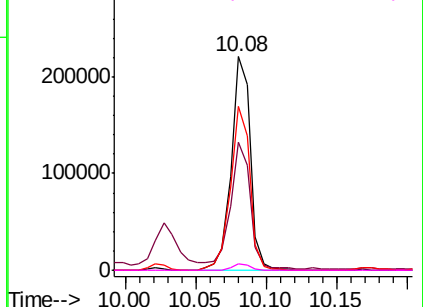
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.251 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112529.D

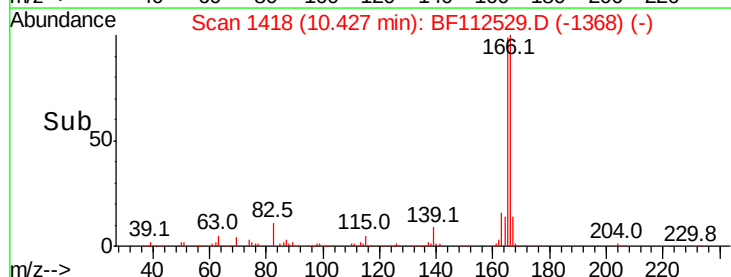
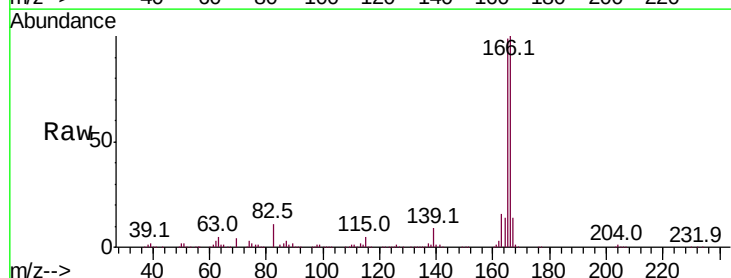
Acq: 13 Feb 2019 10:38

Tgt Ion:166 Resp: 684398
Ion Ratio Lower Upper

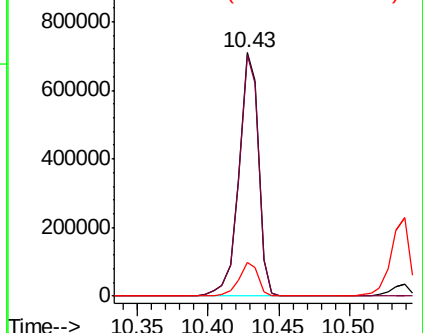
166 100

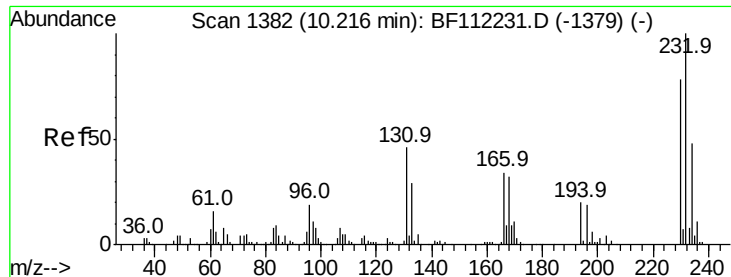
165 98.9 77.1 115.7

167 13.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.204 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB117061BS

Tot Ion:232 Resp: 150071

Ion Ratio Lower Upper

232 100

131 46.9 33.9 50.9

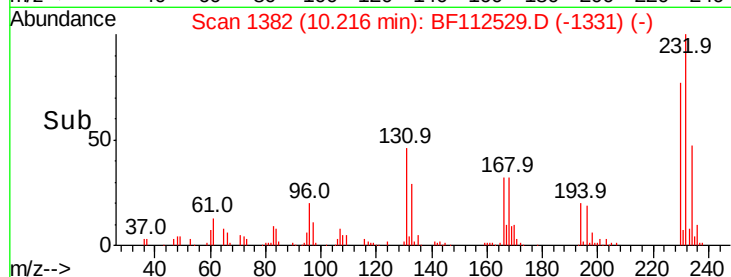
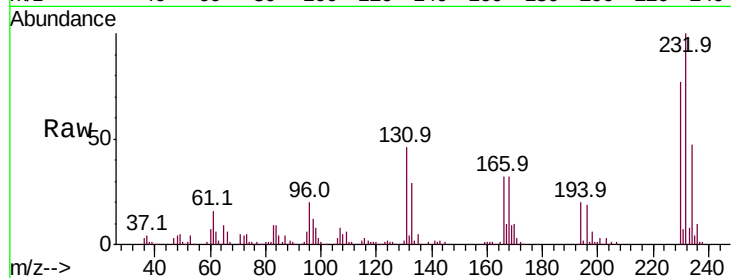
130 2.5 1.8 2.6

166 31.2 23.6 35.4

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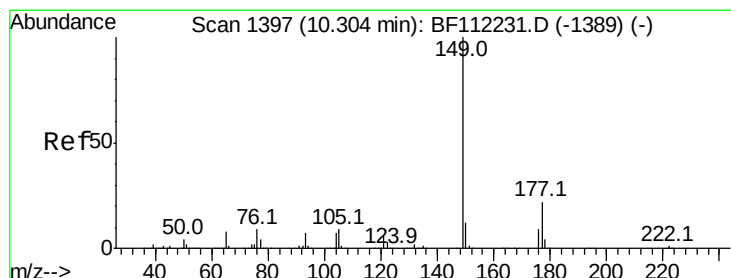
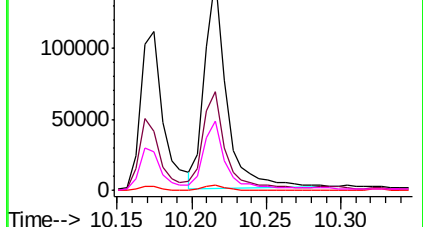


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.394 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

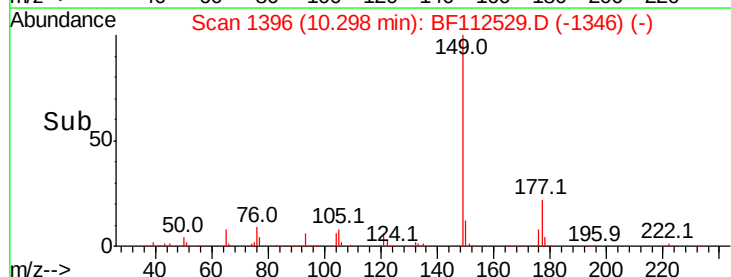
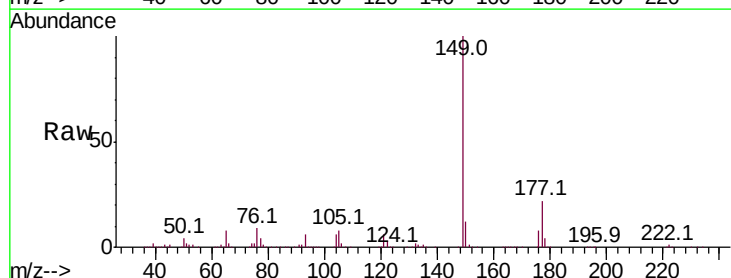
Tgt Ion:149 Resp: 727210

Ion Ratio Lower Upper

149 100

177 22.1 18.2 27.2

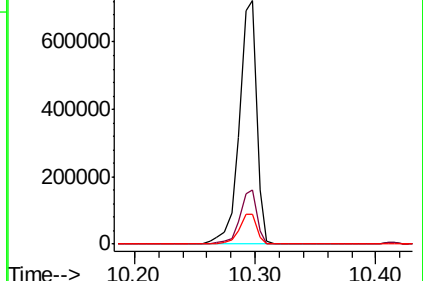
150 12.1 10.4 15.6

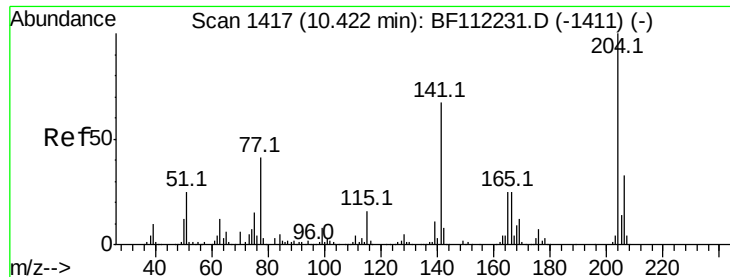


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





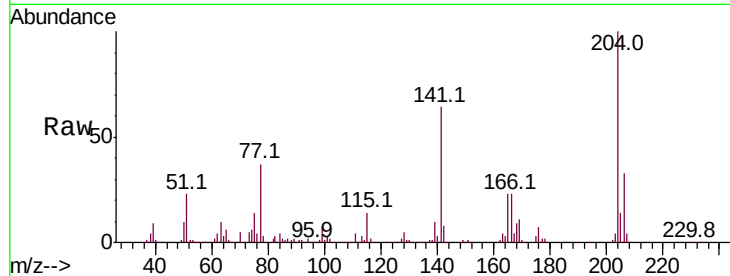
#61
4-Chlorophenyl-phenylether
Concen: 38.988 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB117061BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	63.7	45.9	68.9

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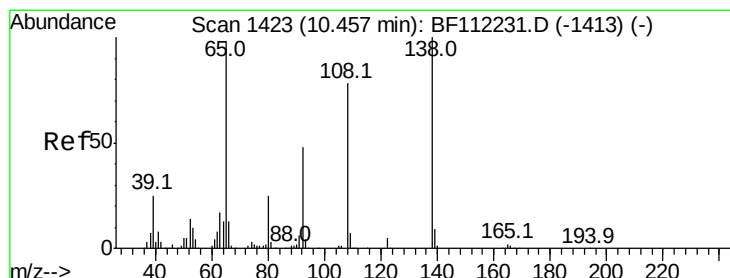
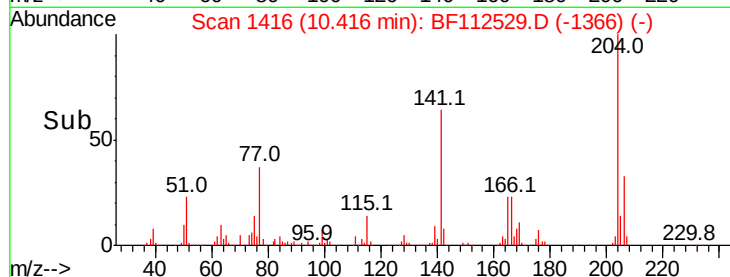
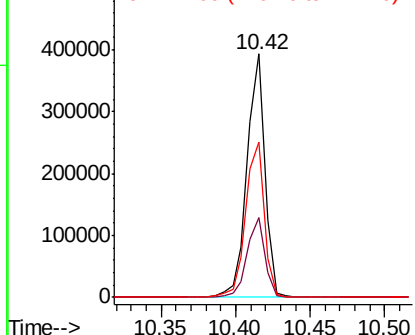


Abundance

Ion 204.00 (203.70 to 204.70): E

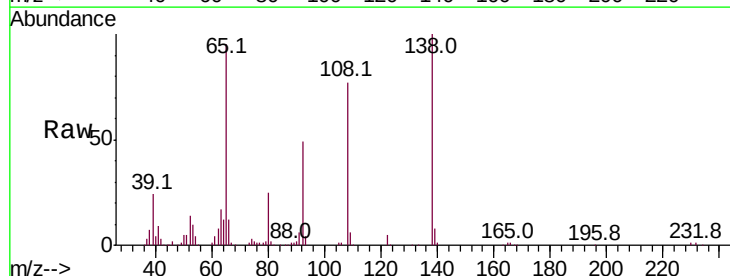
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.557 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.6	70.6
108	76.8	50.0	90.0

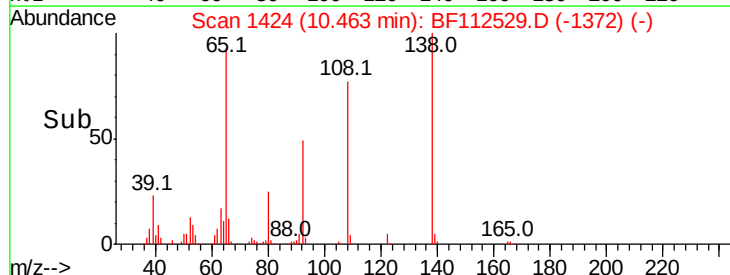
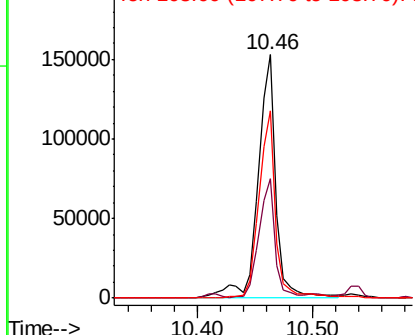


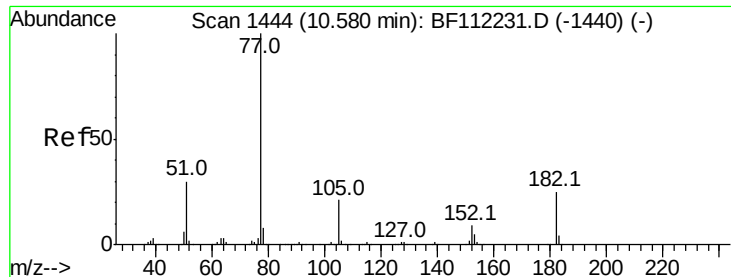
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





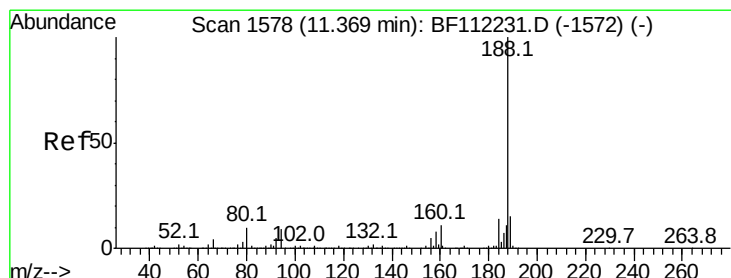
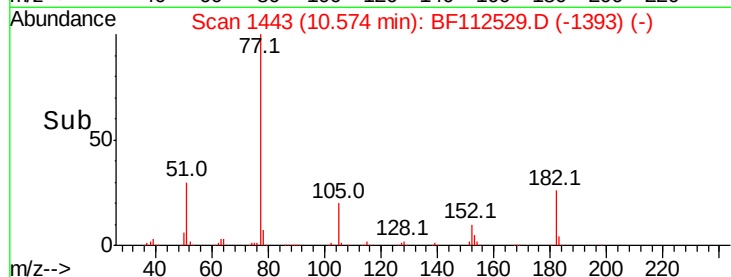
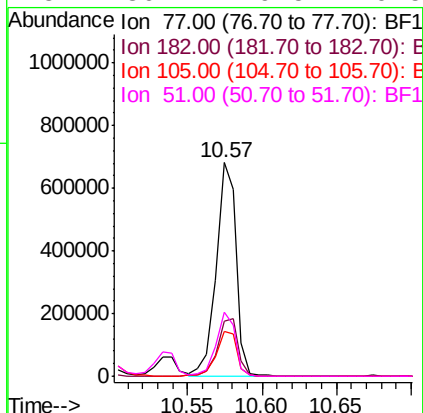
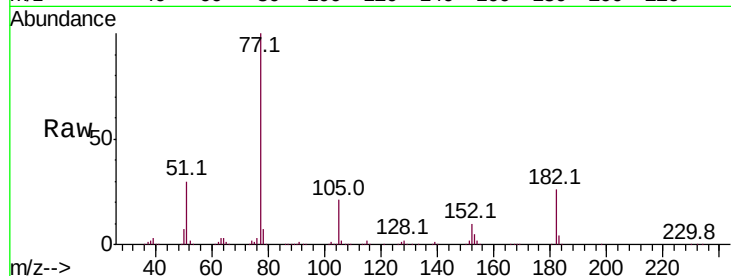
#63
Azobenzene
Concen: 41.104 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB117061BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		635080		
182	25.7	5.7	45.7		
105	21.1	1.4	41.4		
51	30.2	9.5	49.5		

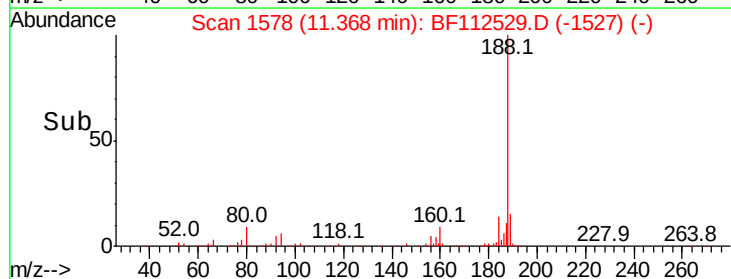
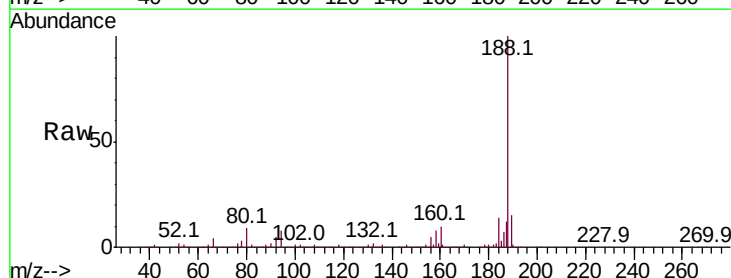
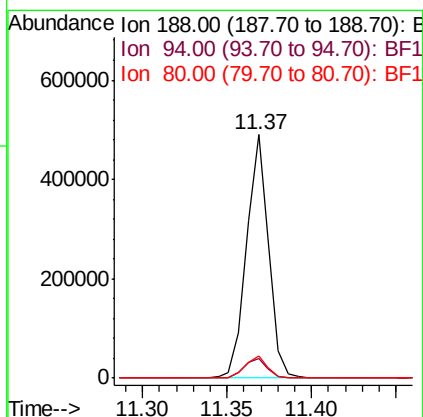
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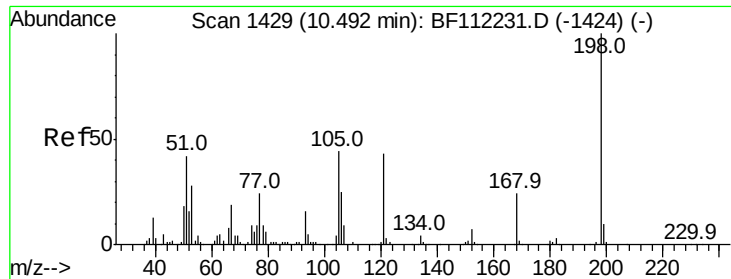
Sohil
2/14/2019 11:36:04 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		447516		
94	7.8	8.2	12.2#		
80	9.2	8.9	13.3		





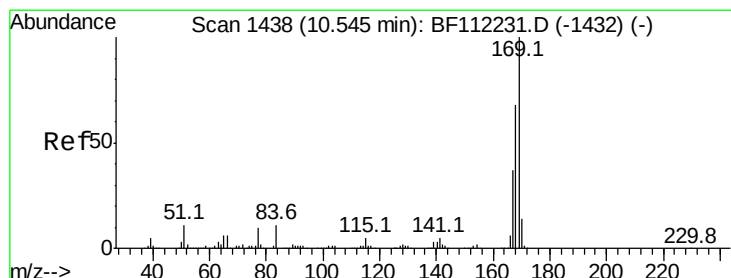
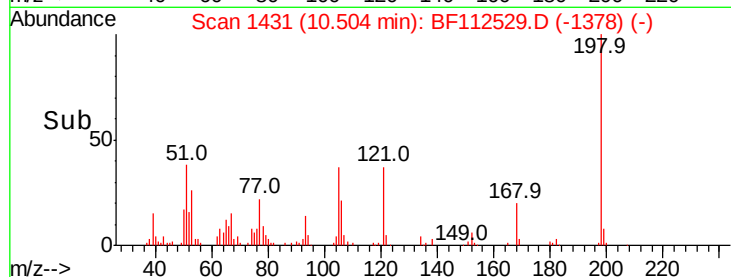
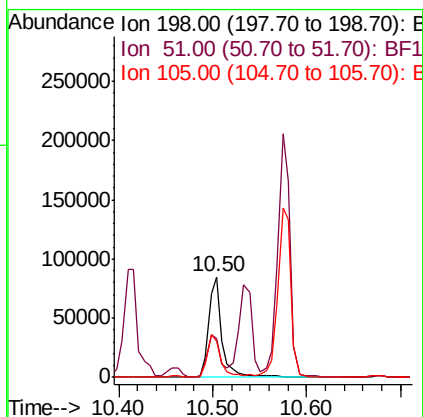
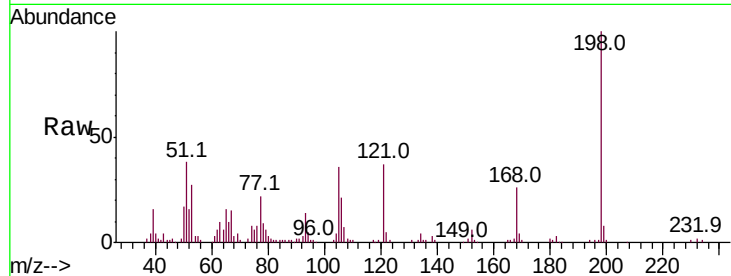
#65
4,6-Dinitro-2-methylphenol
Concen: 34.071 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	17.2	57.2
105	36.4	21.9	61.9

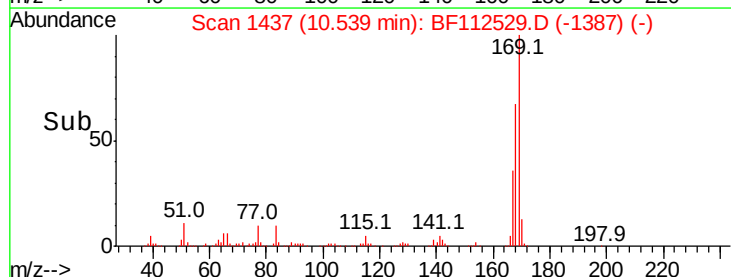
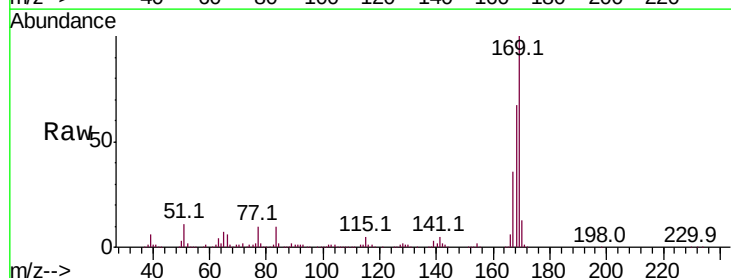
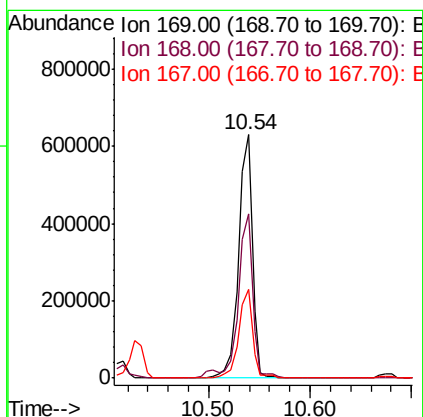
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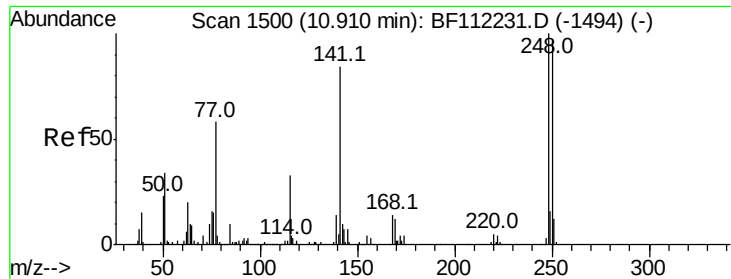
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 39.523 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.9	80.9
167	36.5	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 38.551 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF112529.D

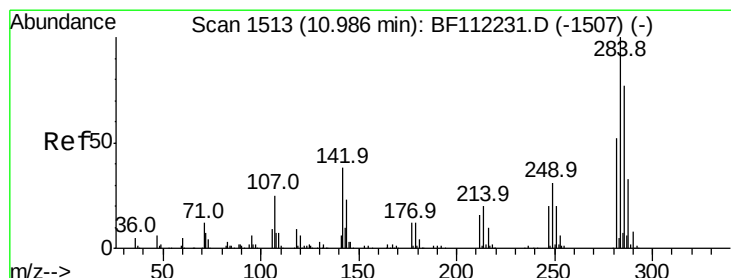
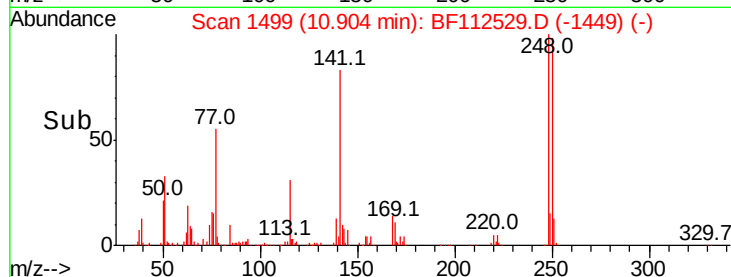
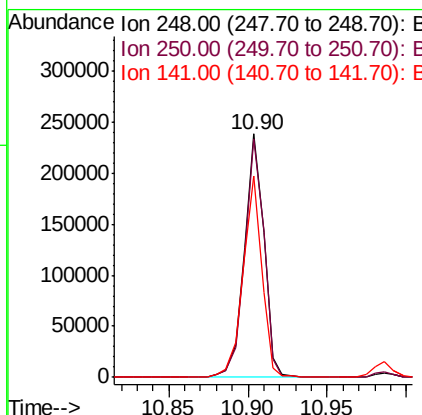
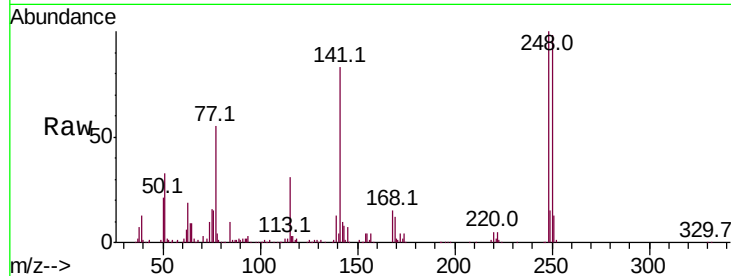
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.7	119.5
141	82.9	60.3	90.5

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#68

Hexachlorobenzene

Concen: 38.925 ng

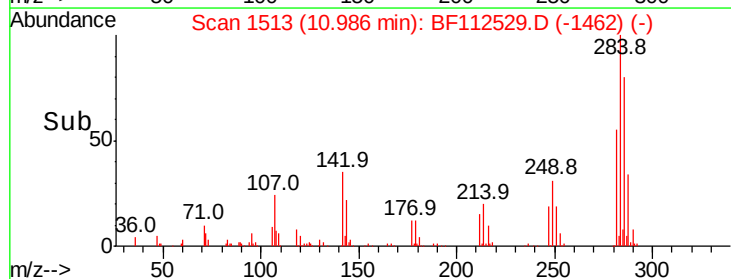
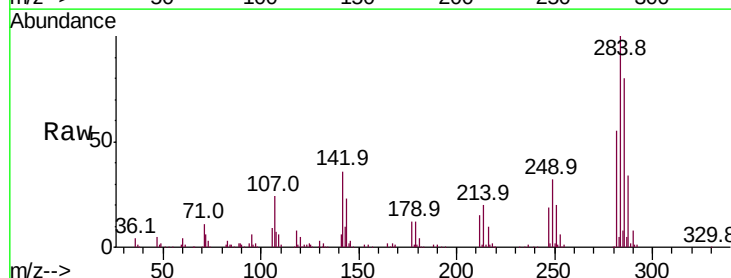
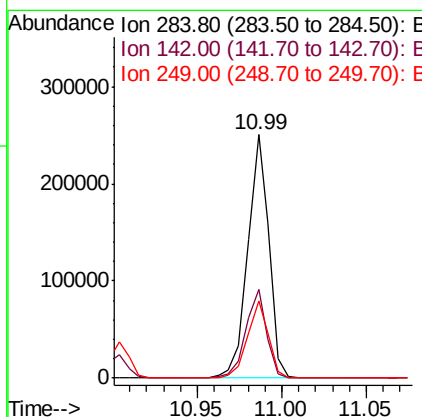
RT: 10.99 min Scan# 1513

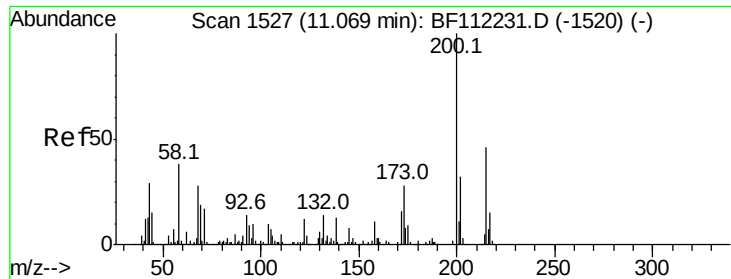
Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	27.6	41.4
249	31.8	24.1	36.1





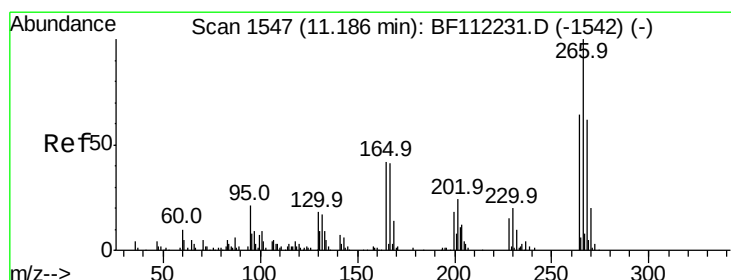
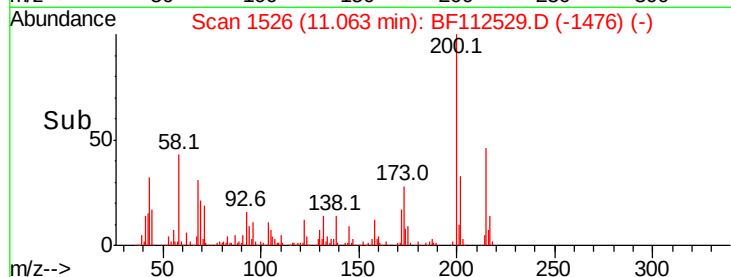
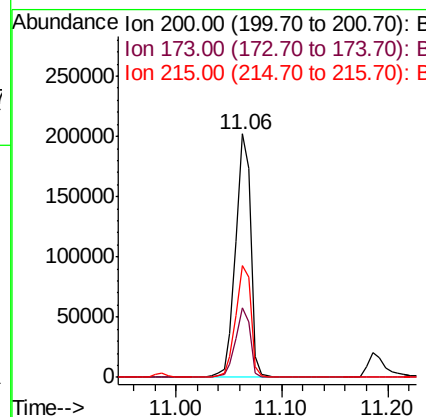
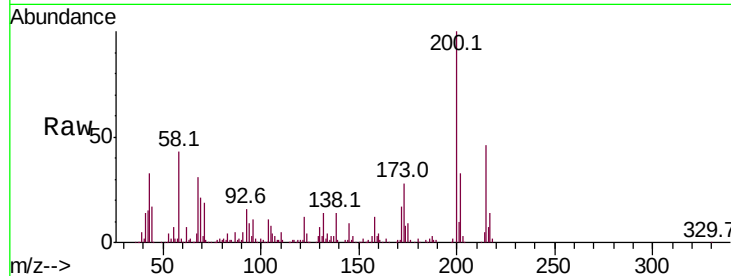
#69
Atrazine
Concen: 40.840 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB117061BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	7.1	47.1	
215	46.2	30.4	70.4	

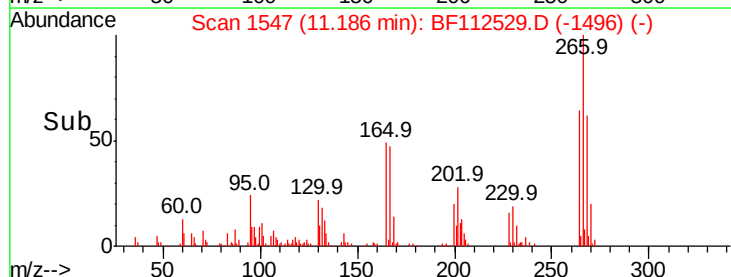
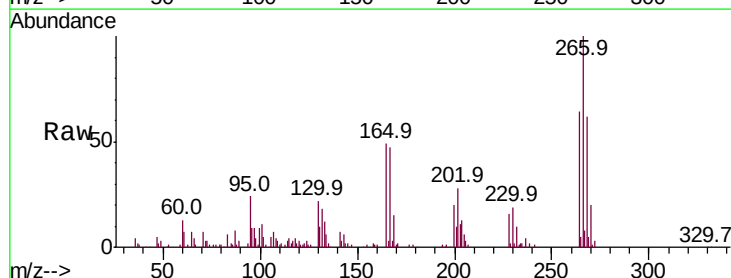
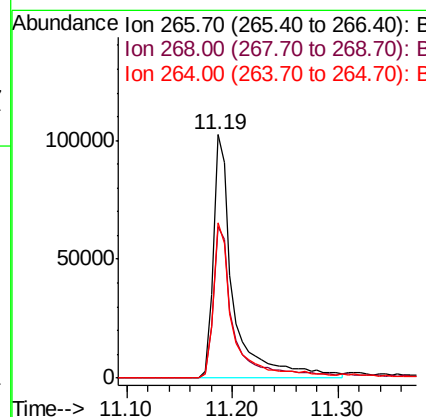
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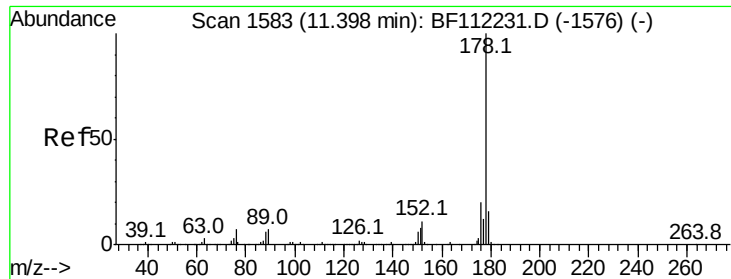
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#70
Pentachlorophenol
Concen: 62.493 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.4	51.2	76.8	
264	64.0	50.9	76.3	





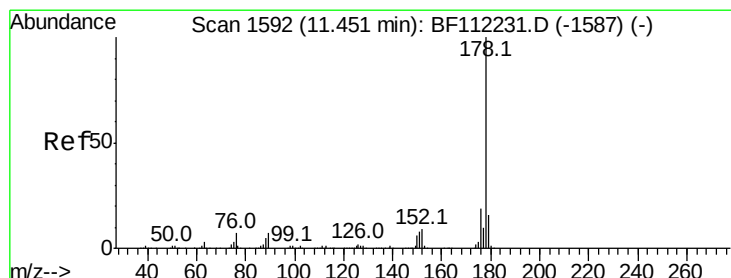
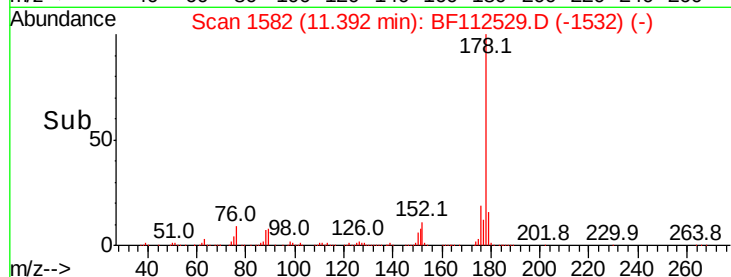
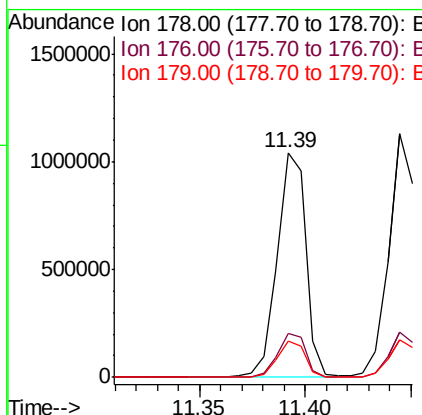
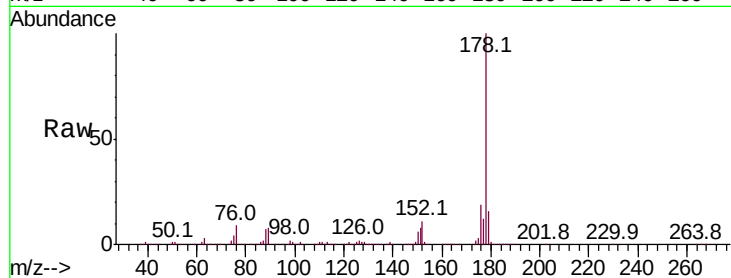
#71
Phenanthrene
Concen: 42.474 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB117061BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	15.9	13.0	19.4

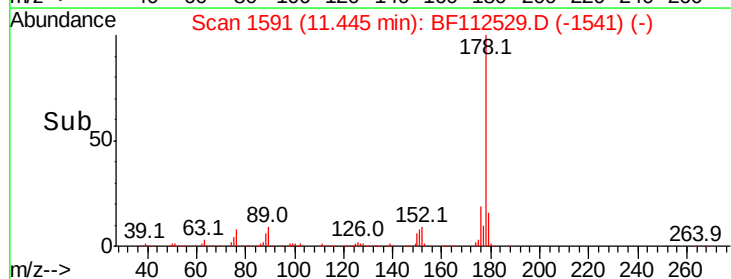
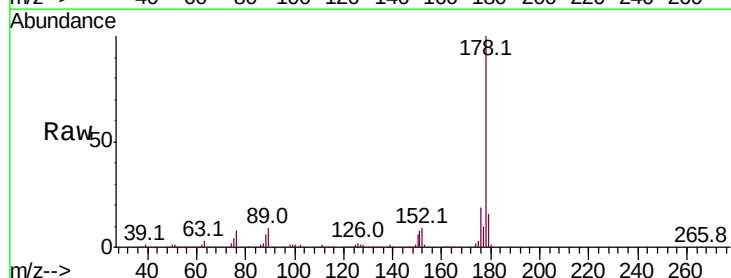
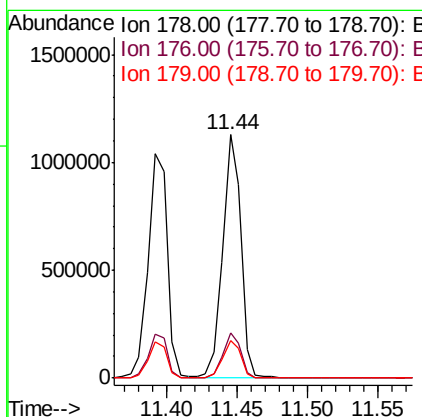
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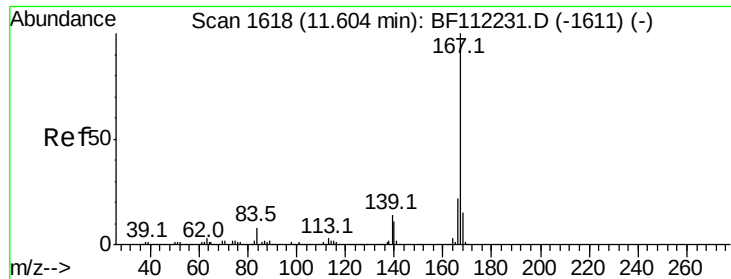
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#72
Anthracene
Concen: 43.803 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.6	12.8	19.2





#73

Carbazole

Concen: 39.044 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

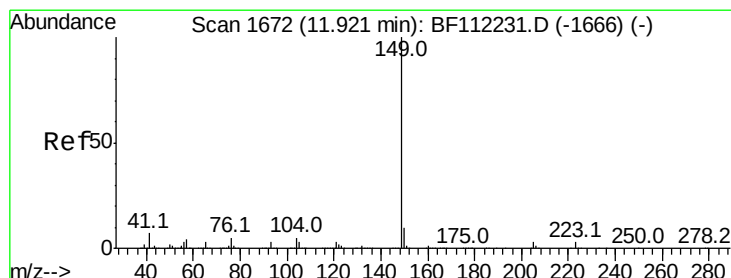
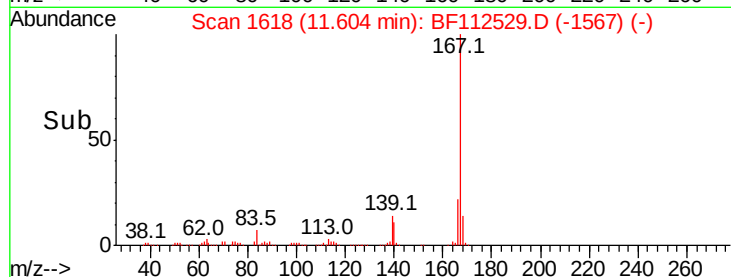
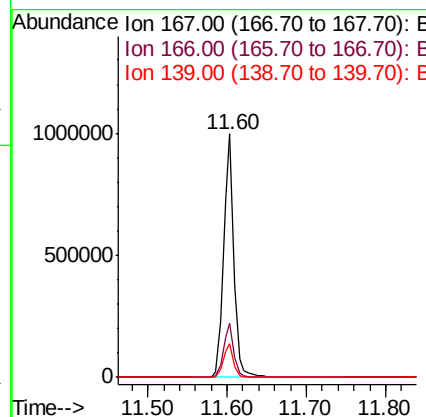
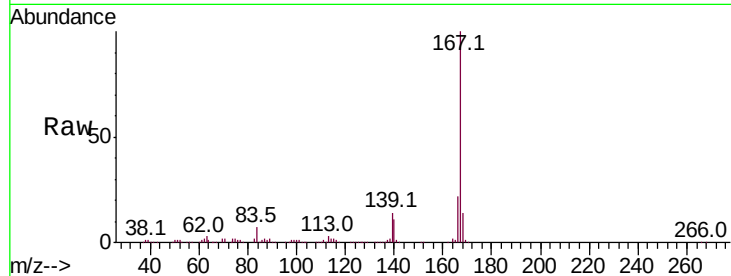
ClientSampled :

PB117061BS

Tot Ion:	167	Resp:	892571
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.9	26.9
139	13.8	10.2	15.2

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#74

Di-n-butylphthalate

Concen: 40.868 ng

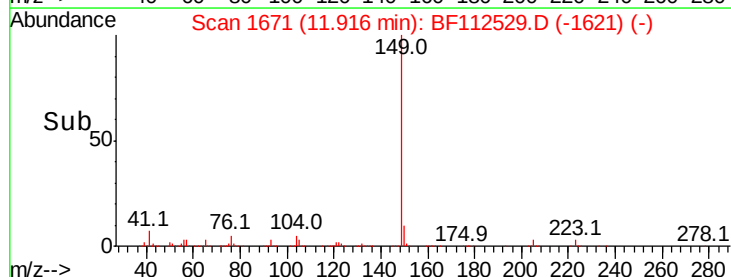
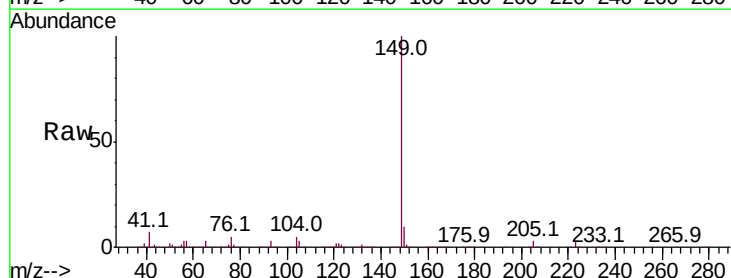
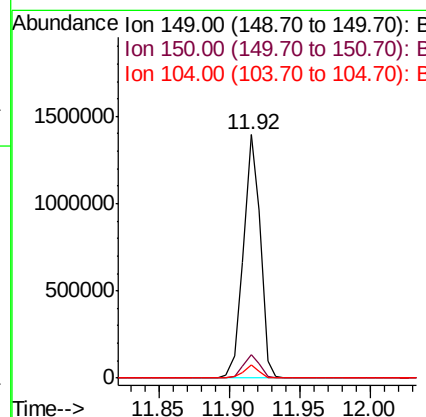
RT: 11.92 min Scan# 1671

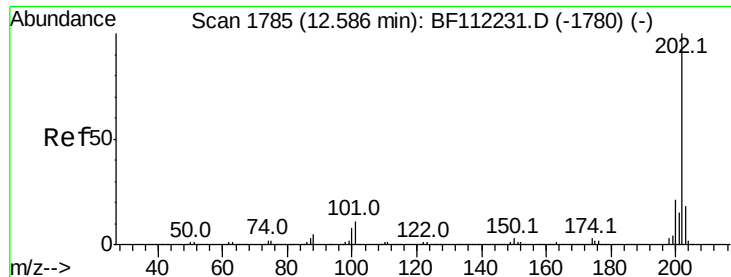
Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion:	149	Resp:	1159655
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.1	12.1
104	5.2	3.9	5.9





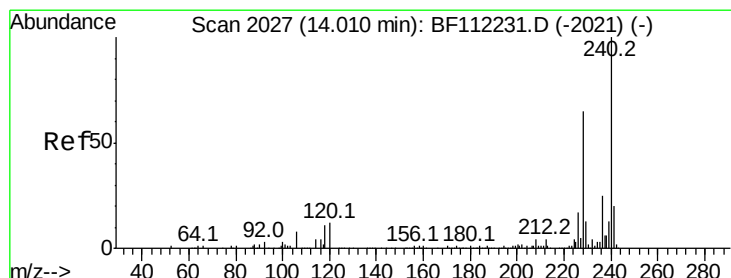
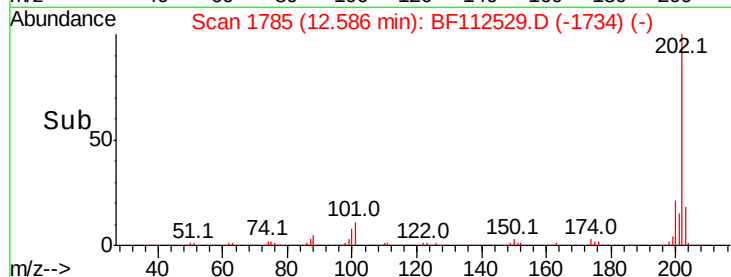
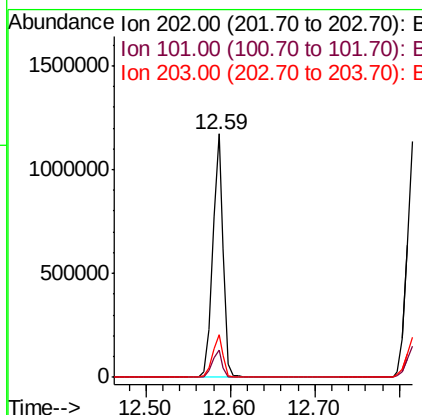
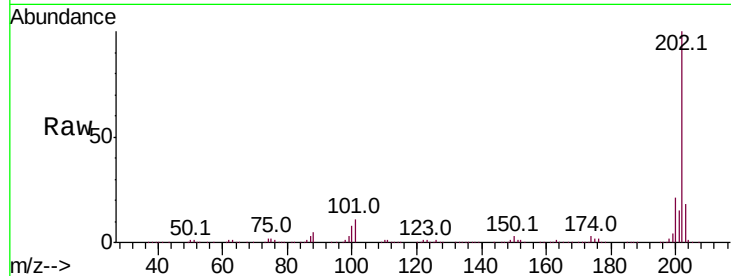
#75
Fluoranthene
 Concen: 41.368 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB117061BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.8
203	17.5	0.0	38.4

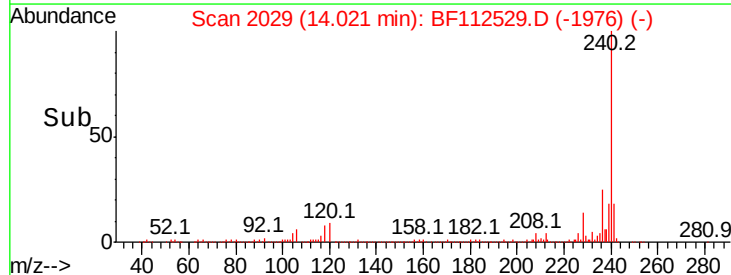
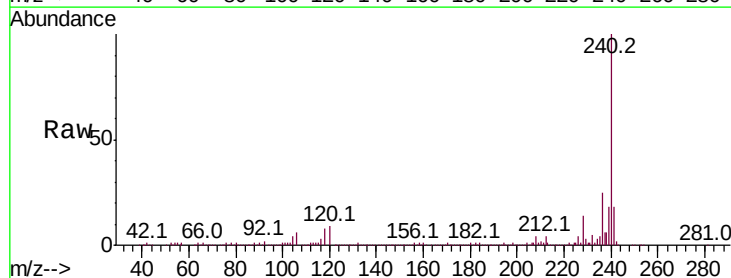
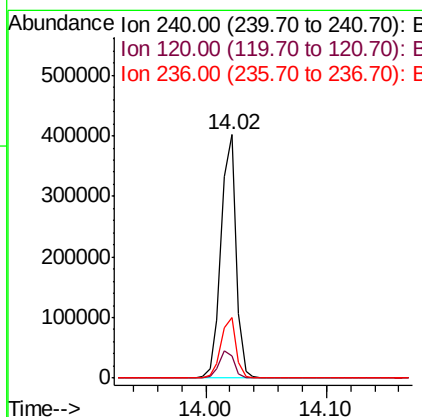
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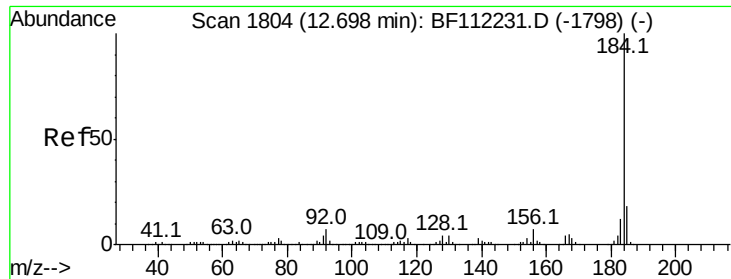
Sohil
 2/14/2019 11:36:04 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF112529.D
 Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.0	13.6
236	24.8	20.7	31.1





#77

Benzidine

Concen: 38.477 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

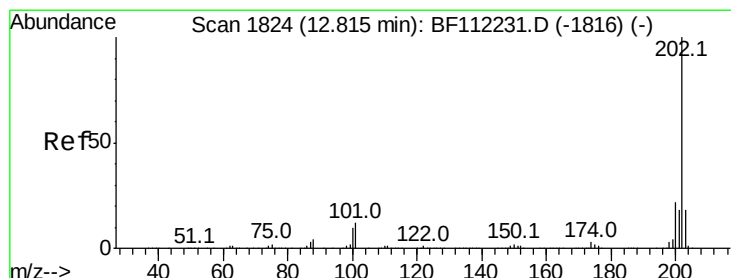
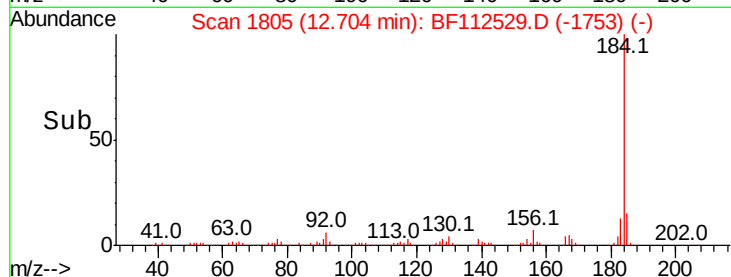
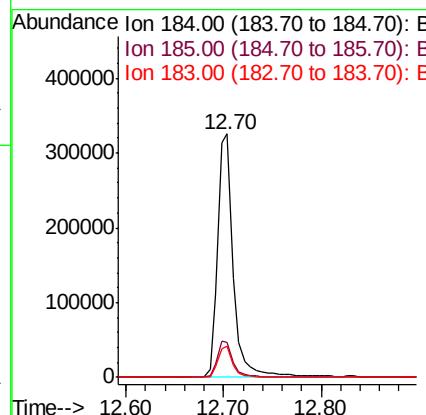
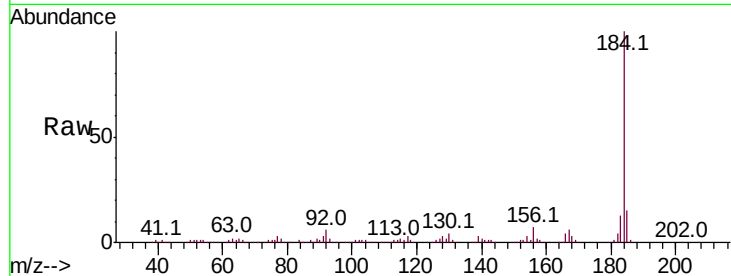
ClientSampleId :

PB117061BS

Tot Ion:	184	Resp:	364727
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.9	20.9
183	12.8	10.0	15.0

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#78

Pyrene

Concen: 43.483 ng

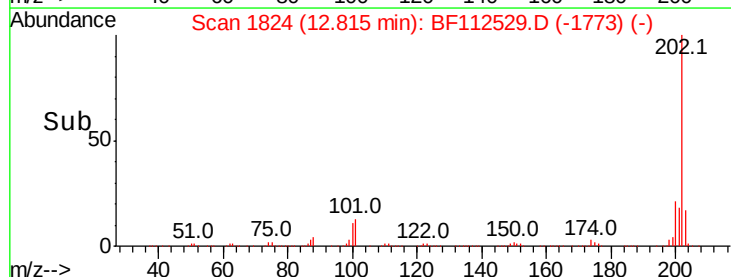
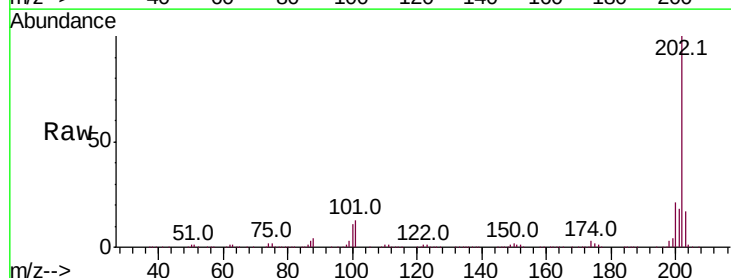
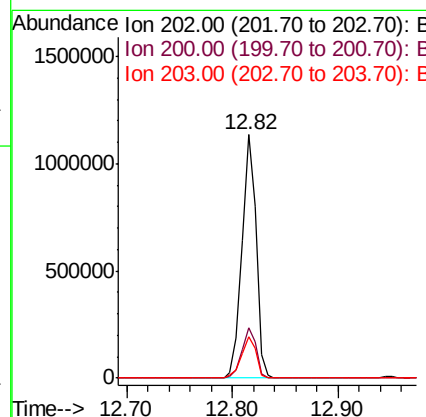
RT: 12.82 min Scan# 1824

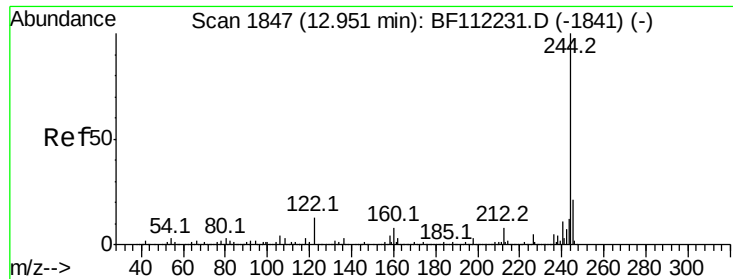
Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion:	202	Resp:	1036816
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	17.3	14.6	22.0





#79

Terphenyl-d14

Concen: 84.261 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

ClientSampleId :

PB117061BS

Tot Ion:244 Resp: 1540751

Ion Ratio Lower Upper

244 100

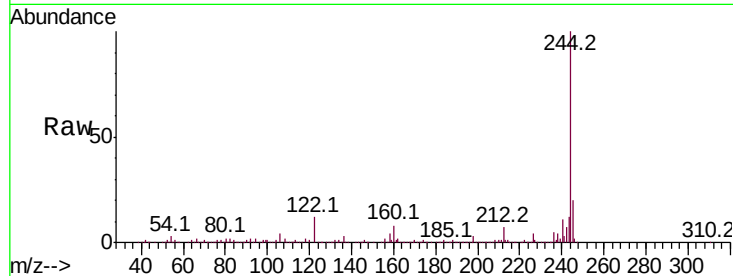
212 7.3 5.9 8.9

122 11.6 9.8 14.6

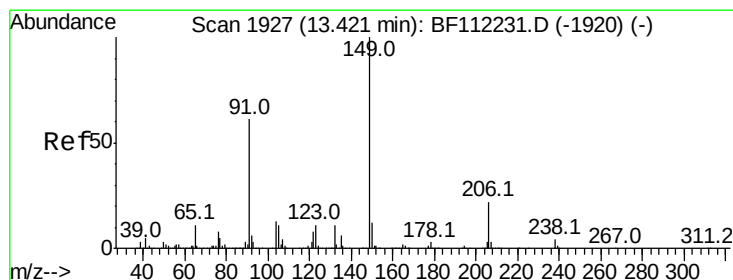
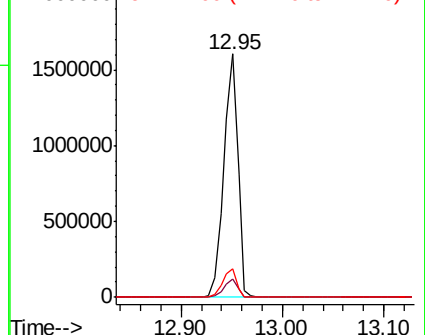
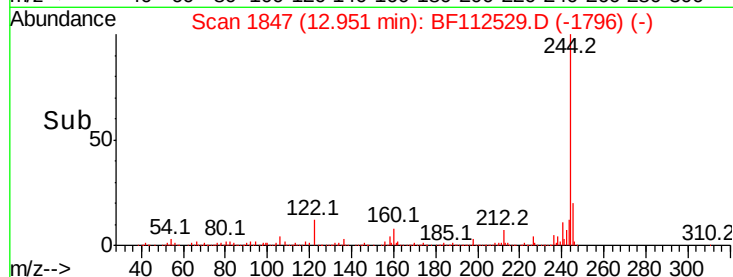
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.801 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

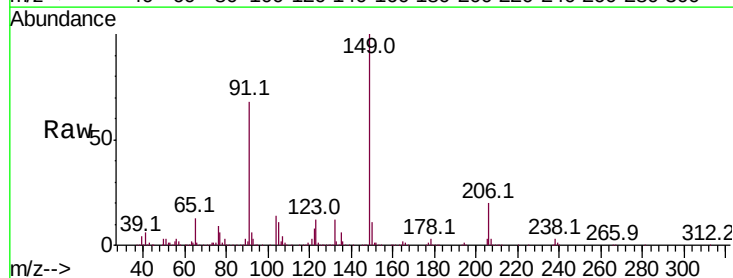
Tgt Ion:149 Resp: 482225

Ion Ratio Lower Upper

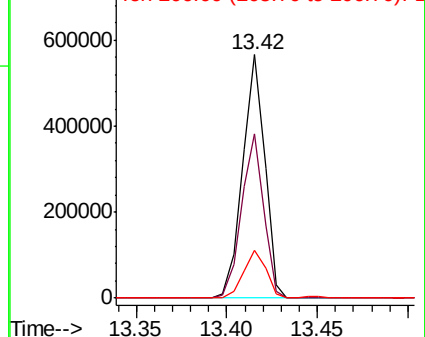
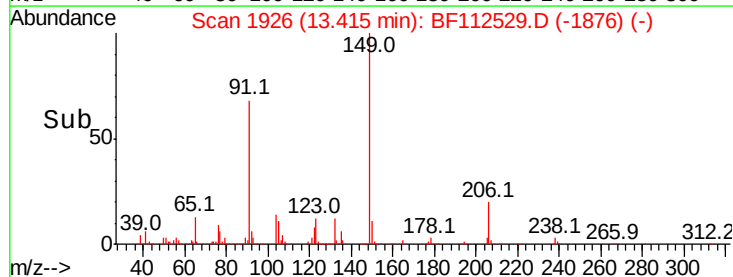
149 100

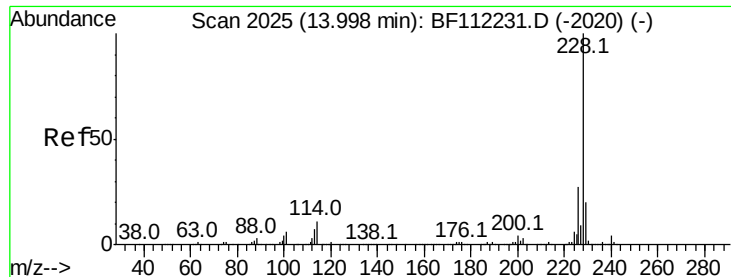
91 67.7 50.3 75.5

206 19.8 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.065 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

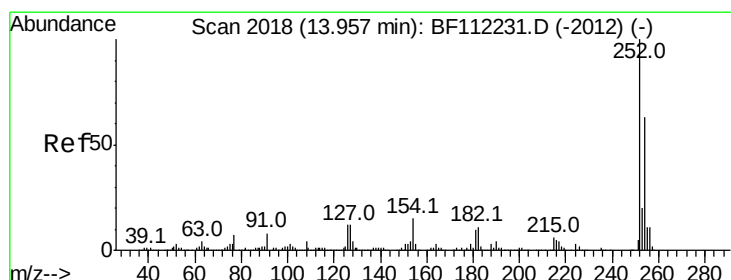
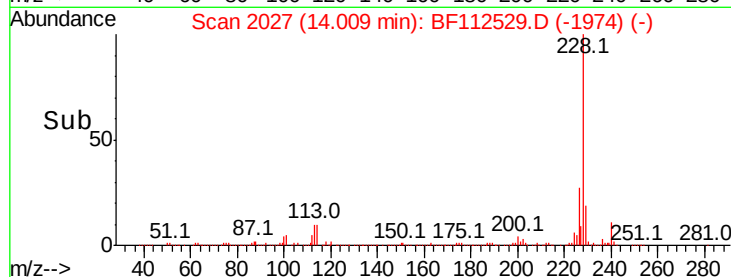
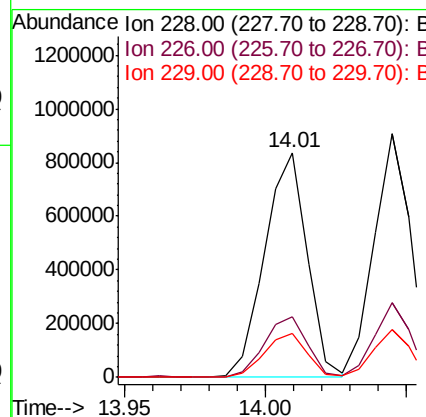
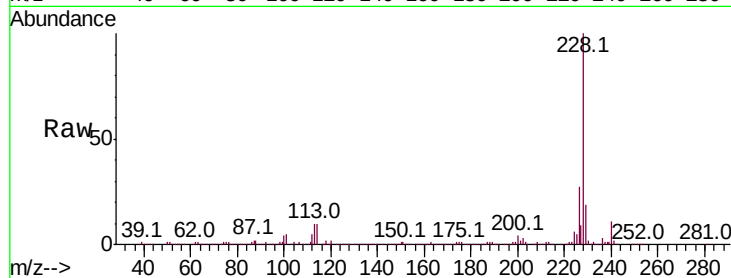
ClientSampleId :

PB117061BS

Tot Ion:	228	Resp:	871876
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	34.0
229	19.5	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 27.551 ng

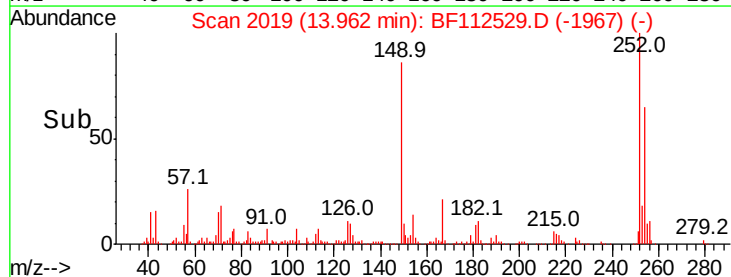
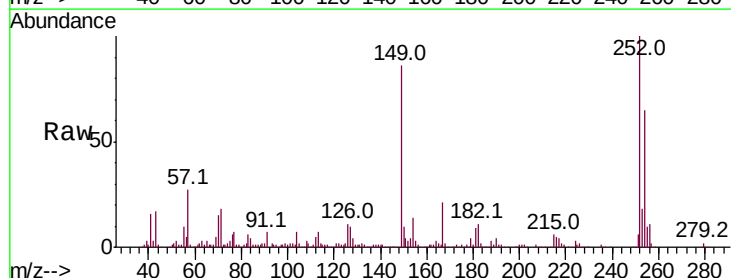
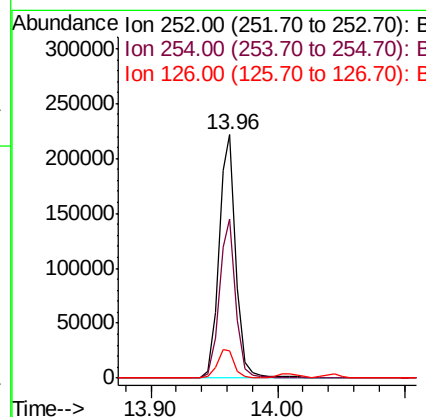
RT: 13.96 min Scan# 2019

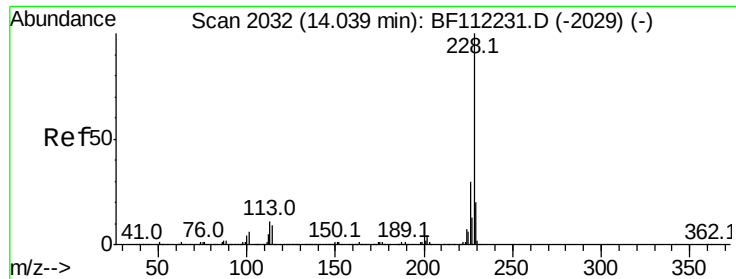
Delta R.T. 0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion:	252	Resp:	208745
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.6	77.4
126	11.4	8.6	12.8





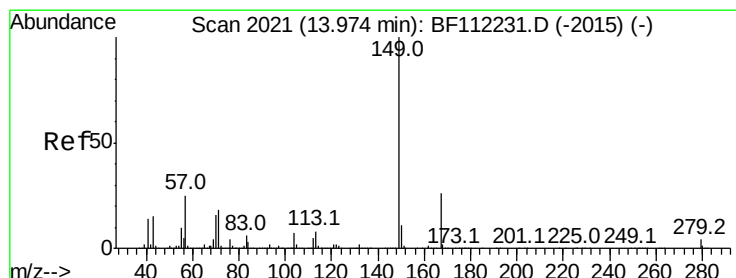
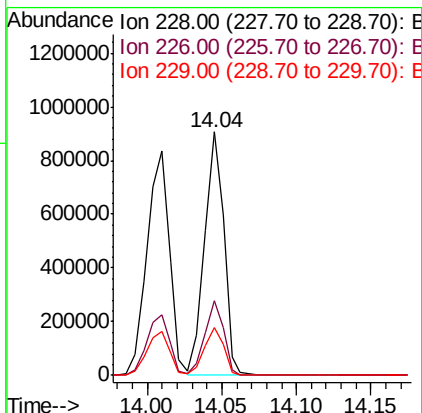
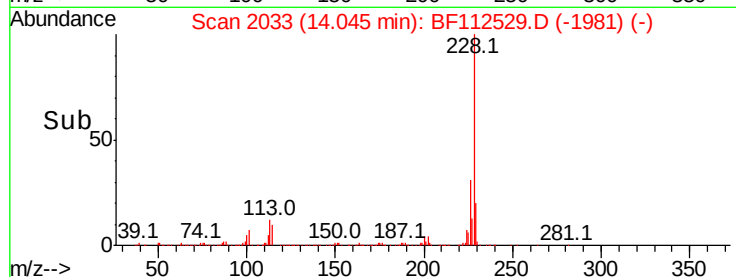
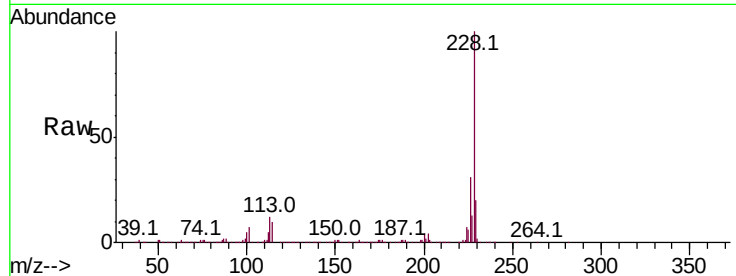
#83
Chrysene
Concen: 41.748 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.7	16.6	24.8

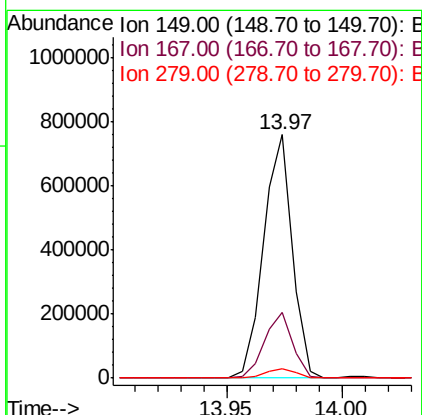
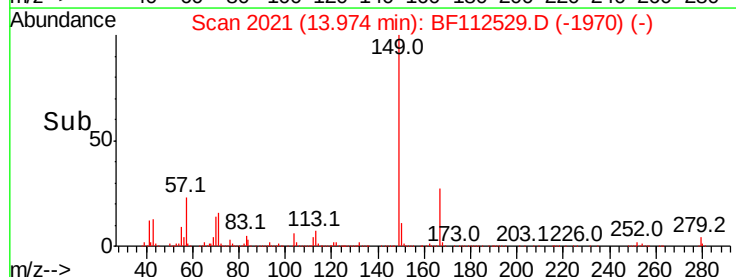
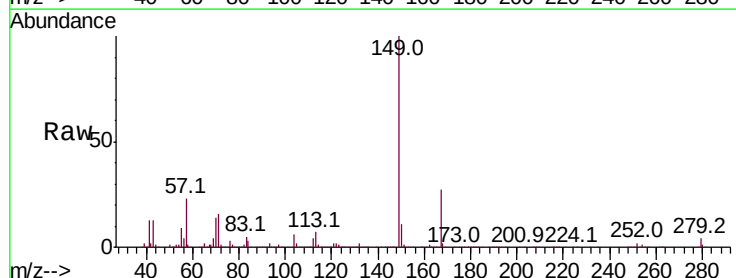
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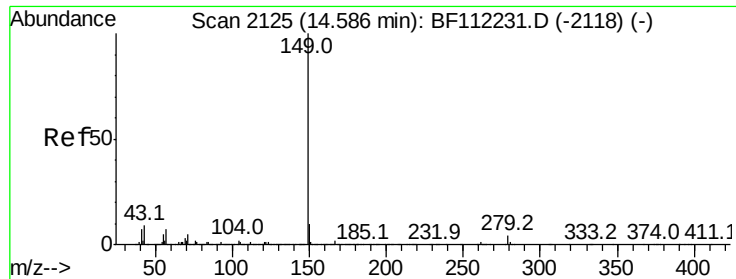
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.188 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.5	33.7
279	3.9	3.8	5.6





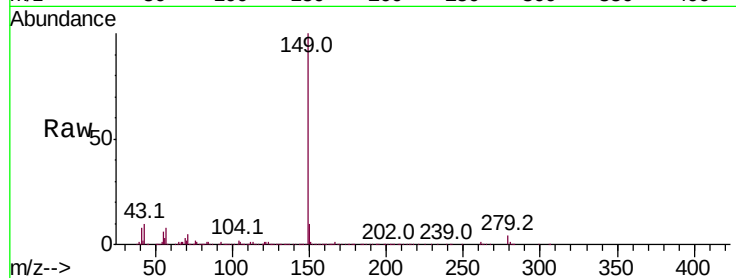
#85
Di-n-octyl phthalate
Concen: 41.134 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampled :
PB117061BS

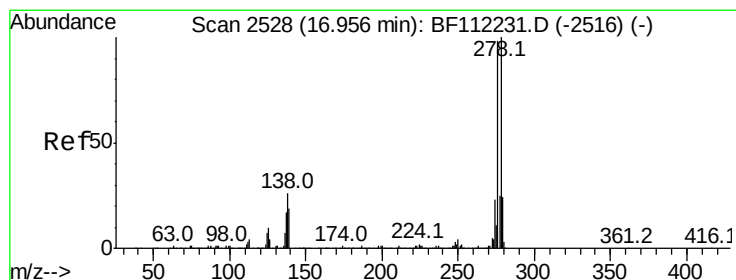
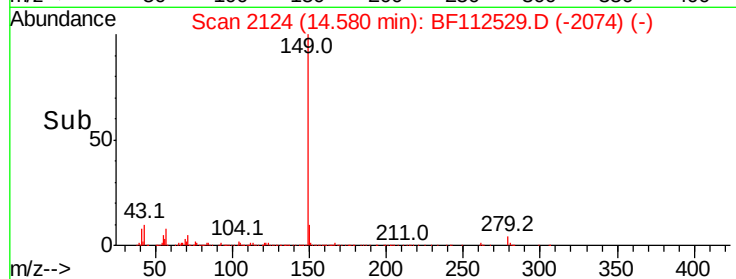
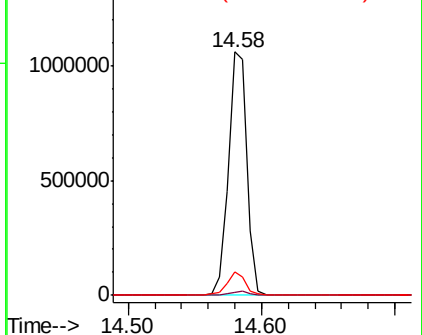
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.7	7.8	11.6

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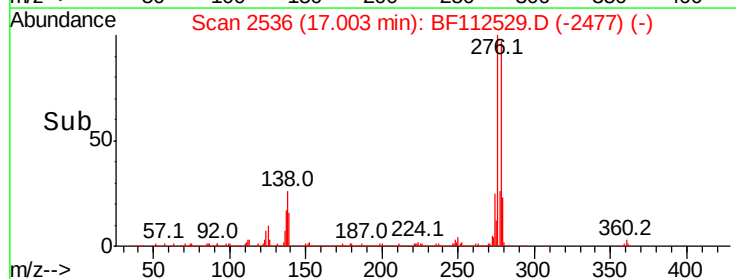
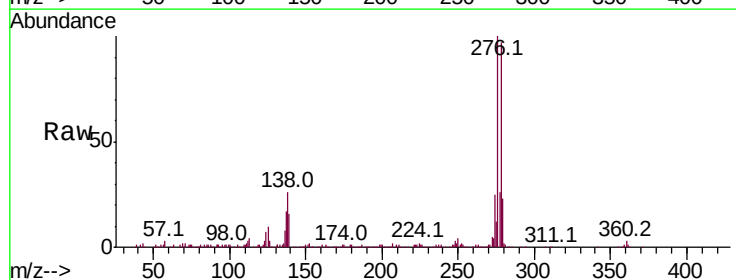
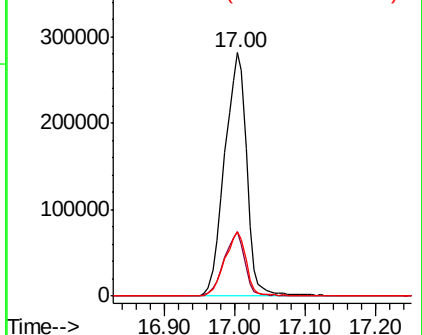
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

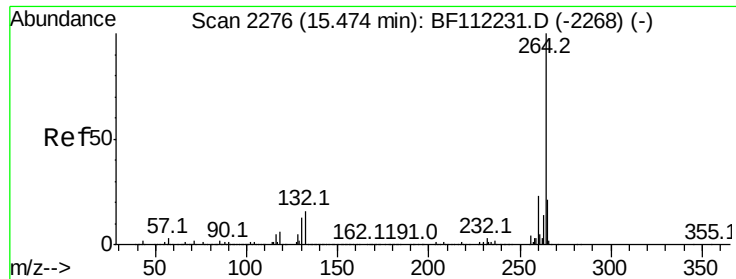


#86
Indeno(1,2,3-cd)pyrene
Concen: 40.035 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.05 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	22.6	34.0
277	25.9	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Instrument :

BNA_F

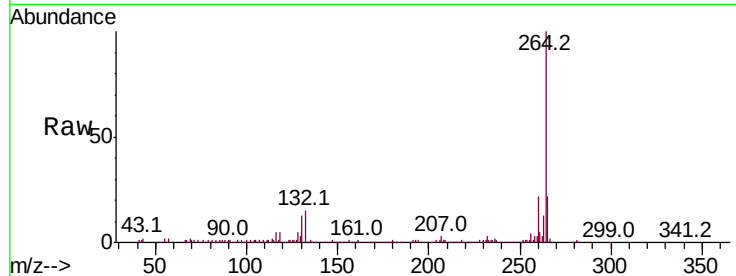
ClientSampled :

PB117061BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	21.9	17.0	25.4

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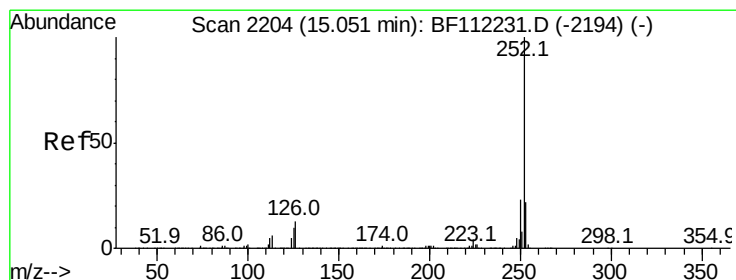
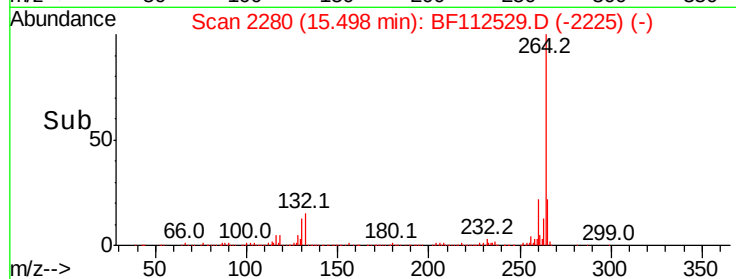
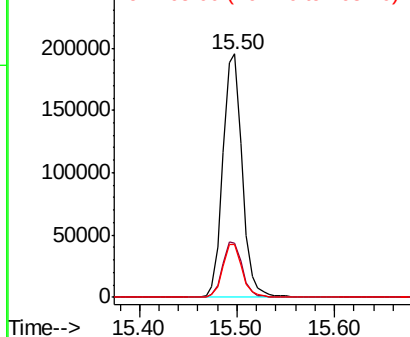


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.991 ng

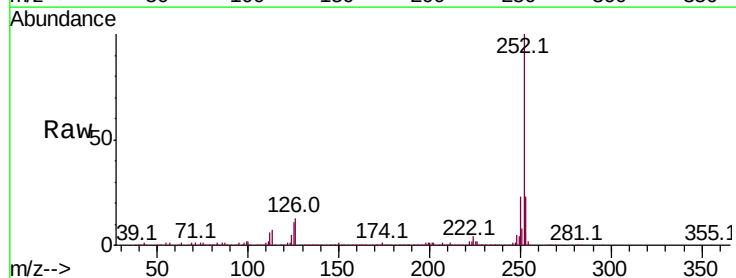
RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF112529.D

Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.6	8.7	13.1

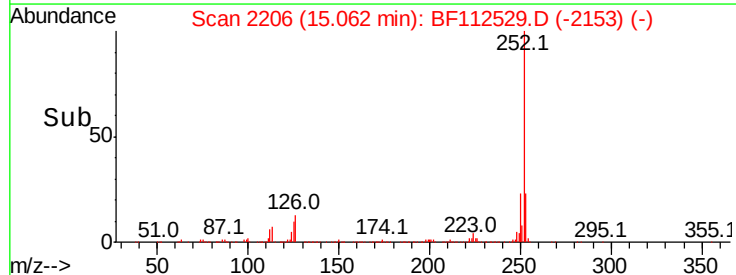
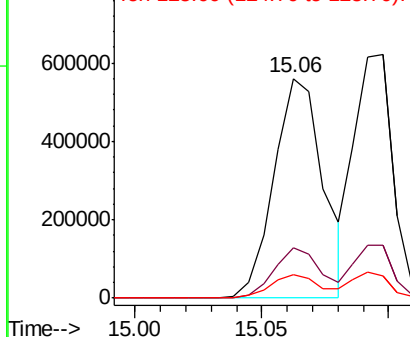


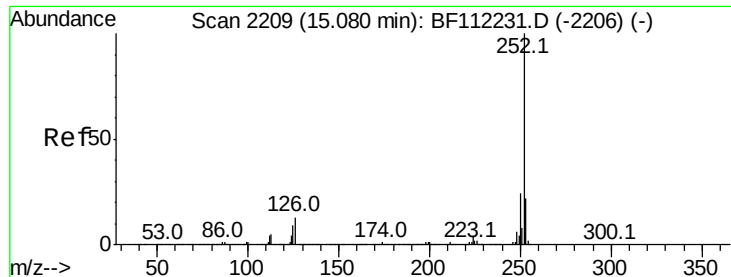
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





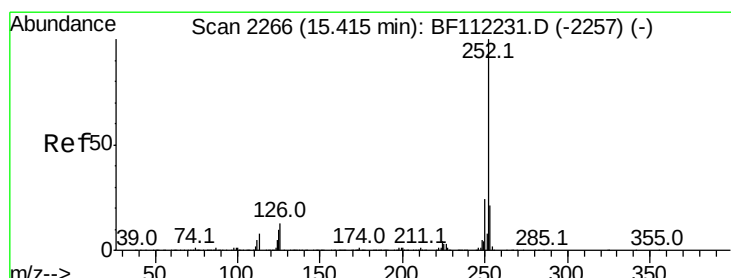
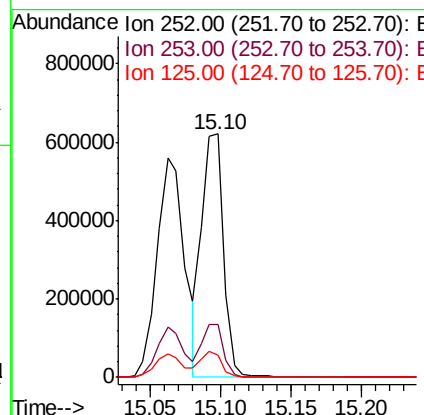
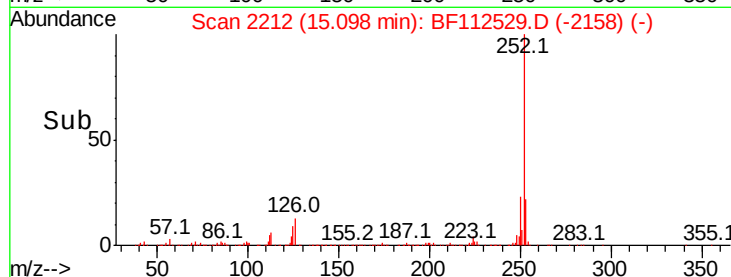
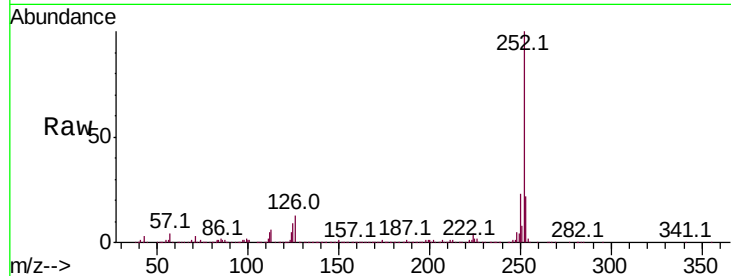
#89
Benzo(k)fluoranthene
Concen: 43.073 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	9.3	9.1	13.7

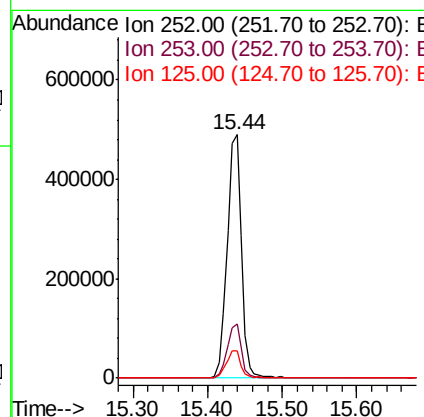
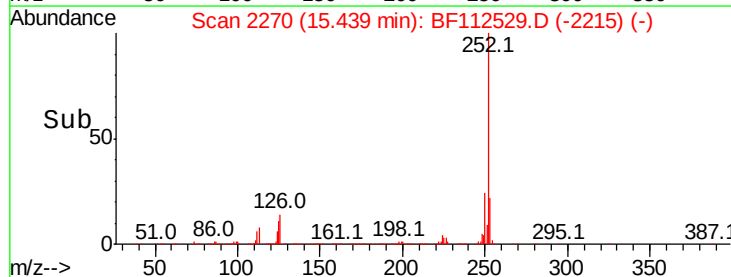
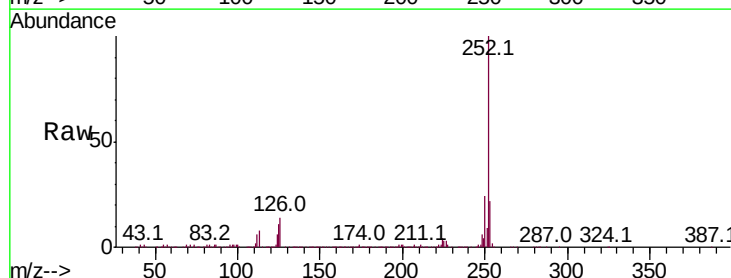
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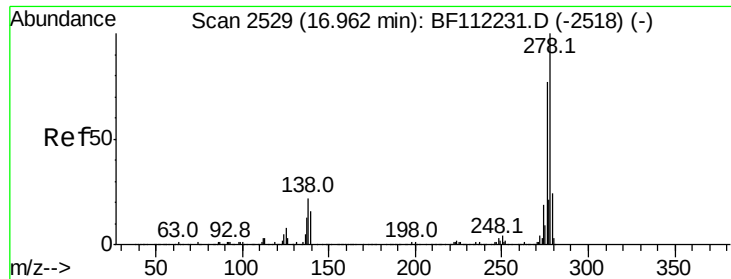
Sohil
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#90
Benzo(a)pyrene
Concen: 45.300 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.3	9.0	13.4





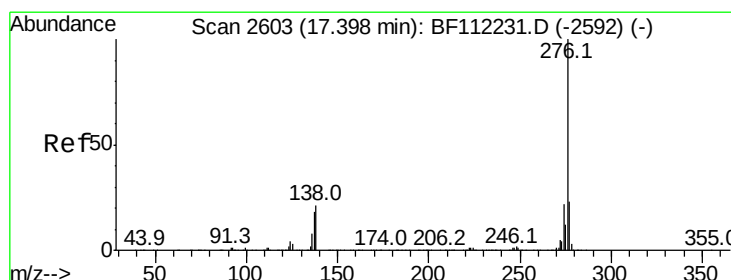
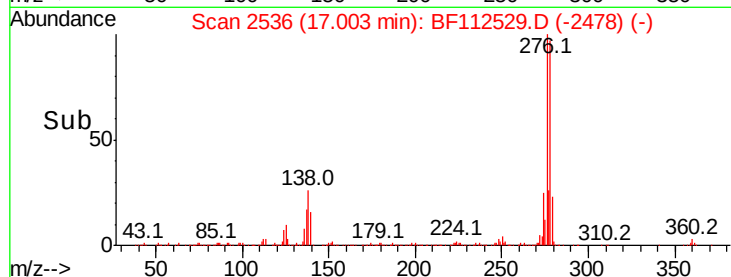
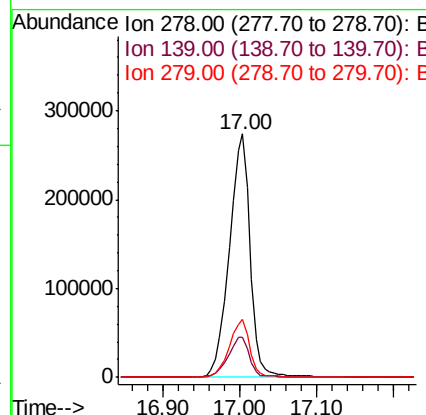
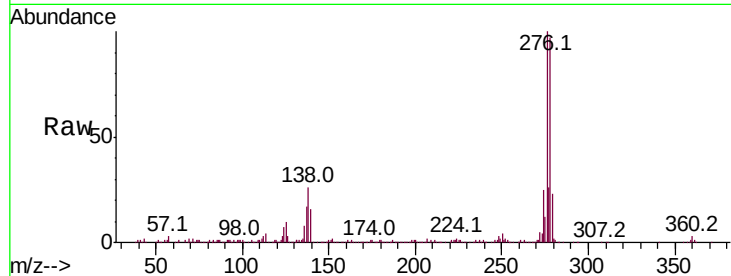
#91
Dibenzo(a,h)anthracene
Concen: 44.158 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.04 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Instrument :
BNA_F
ClientSampleId :
PB117061BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.7	20.5
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/14/2019 11:36:04 AM



#92
Benzo(g,h,i)perylene
Concen: 43.299 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.05 min
Lab File: BF112529.D
Acq: 13 Feb 2019 10:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	21.1	19.1	28.7

