

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
 Data File : BF112196.D
 Acq On : 23 Jan 2019 12:37
 Operator : JU/SJ
 Sample : PB116569BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116569BS

Manual Integrations
 APPROVED

Sohil
 1/24/2019 11:30:19 AM

Quant Time: Jan 23 13:24:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	301966	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1249610	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	639426	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1239629	20.00	ng	0.00
76) Chrysene-d12	14.03	240	916946	20.00	ng	0.00
87) Perylene-d12	15.50	264	684795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2156553	129.62	ng	0.01
7) Phenol-d6	6.51	99	2732410	131.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	1653949	91.44	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	946825	137.26	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3221306	73.86	ng	0.00
79) Terphenyl-d14	12.97	244	3503822	81.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	227207	29.119	ng	97
3) Pyridine	3.50	79	590424	30.212	ng	99
4) n-Nitrosodimethylamine	3.43	42	311474	39.255	ng	100
6) Aniline	6.52	93	725039	28.639	ng	# 3
8) 2-Chlorophenol	6.65	128	812986	42.075	ng	98
9) Benzaldehyde	6.40	77	127802	8.180	ng	95
10) Phenol	6.52	94	903388	39.711	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	737700	40.784	ng	99
12) 1,3-Dichlorobenzene	6.80	146	826103	37.464	ng	99
13) 1,4-Dichlorobenzene	6.87	146	841072	37.289	ng	98
14) 1,2-Dichlorobenzene	7.03	146	786867	37.873	ng	97
15) Benzyl Alcohol	7.00	79	681716	43.959	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	919265	35.242	ng	# 53
17) 2-Methylphenol	7.12	107	648277	44.676	ng	# 92
18) Hexachloroethane	7.37	117	311749	41.411	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	548922	43.288	ng	97
20) 3+4-Methylphenols	7.27	107	803980	45.696	ng	# 72
22) Acetophenone	7.26	105	1081669	37.363	ng	# 96
24) Nitrobenzene	7.44	77	814281	42.479	ng	98
25) Isophorone	7.68	82	1512261	43.287	ng	98
26) 2-Nitrophenol	7.76	139	467496	47.544	ng	98
27) 2,4-Dimethylphenol	7.80	122	724708	44.690	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	972092	40.565	ng	99
29) 2,4-Dichlorophenol	8.00	162	732122	41.328	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	776361	37.764	ng	100
31) Naphthalene	8.16	128	2305710	40.568	ng	99
32) Benzoic acid	7.96	122	500285	60.308	ng	98
33) 4-Chloroaniline	8.21	127	606089	23.728	ng	97
34) Hexachlorobutadiene	8.27	225	431020	37.674	ng	99
35) Caprolactam	8.60	113	225853m	36.427	ng	
36) 4-Chloro-3-methylphenol	8.71	107	754849	43.627	ng	99
37) 2-Methylnaphthalene	8.85	142	1667290	43.200	ng	97
38) 1-Methylnaphthalene	8.95	142	1575734	42.482	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	761414	37.083	ng	99

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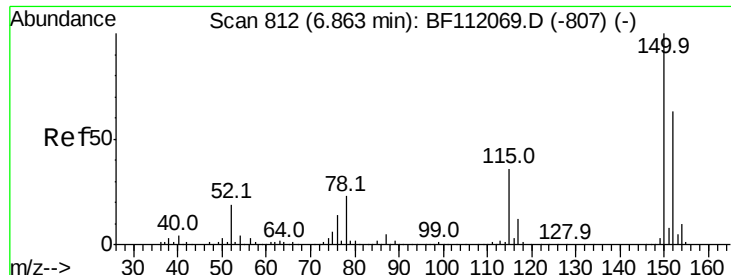
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	625895	76.656	nq	100
43) 2,4,6-Trichlorophenol	9.14	196	521072	42.421	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	548841	41.953	nq	95
46) 1,1'-Biphenyl	9.32	154	1999046	37.388	nq	98
47) 2-Chloronaphthalene	9.35	162	1543697	36.885	nq	96
48) 2-Nitroaniline	9.44	65	449133	47.644	nq	93
49) Acenaphthylene	9.76	152	2444417	40.024	nq	100
50) Dimethylphthalate	9.62	163	1951485	41.849	nq	99
51) 2,6-Dinitrotoluene	9.68	165	446035	47.896	nq #	86
52) Acenaphthene	9.93	154	1424822	38.130	nq	100
53) 3-Nitroaniline	9.85	138	317277	30.467	nq	93
54) 2,4-Dinitrophenol	9.97	184	380243	104.647	nq	96
55) Dibenzofuran	10.10	168	2139219	37.855	nq	93
56) 4-Nitrophenol	10.04	139	570210	76.849	nq	94
57) 2,4-Dinitrotoluene	10.09	165	564828	47.320	nq #	87
58) Fluorene	10.45	166	1645367	38.970	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	444972	45.074	nq	95
60) Diethylphthalate	10.32	149	1856431	40.783	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	820306	36.005	nq	91
62) 4-Nitroaniline	10.47	138	426543	41.249	nq	95
63) Azobenzene	10.60	77	1588653	36.444	nq	95
65) 4,6-Dinitro-2-methylphenol	10.51	198	249982	48.277	nq	99
66) n-Nitrosodiphenylamine	10.56	169	1520194	37.095	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	544663	37.827	nq	96
68) Hexachlorobenzene	11.00	284	574622	37.047	nq	95
69) Atrazine	11.09	200	496933	37.578	nq	97
70) Pentachlorophenol	11.20	266	546221	73.759	nq	100
71) Phenanthrene	11.41	178	2420116	38.793	nq	99
72) Anthracene	11.46	178	2475373	39.170	nq	98
73) Carbazole	11.62	167	2226545	35.171	nq	97
74) Di-n-butylphthalate	11.94	149	2813459	39.508	nq	100
75) Fluoranthene	12.60	202	2193349	33.299	nq	99
77) Benzidine	12.71	184	775337	25.343	nq	96
78) Pyrene	12.83	202	2481177	41.014	nq	99
80) Butylbenzylphthalate	13.43	149	1236731	46.599	nq	91
81) Benzo(a)anthracene	14.02	228	2131870	40.549	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	606562	30.807	nq	98
83) Chrysene	14.06	228	1985578	39.913	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1743839	45.846	nq	99
85) Di-n-octyl phthalate	14.60	149	2714761	46.323	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1706264	37.176	nq	97
88) Benzo(b)fluoranthene	15.07	252	1903871	48.978	nq	99
89) Benzo(k)fluoranthene	15.10	252	1591463	42.300	nq	99
90) Benzo(a)pyrene	15.44	252	1667555	46.778	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1429021	45.134	nq	98
92) Benzo(g,h,i)perylene	17.44	276	1406439	45.089	nq	98

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



#1

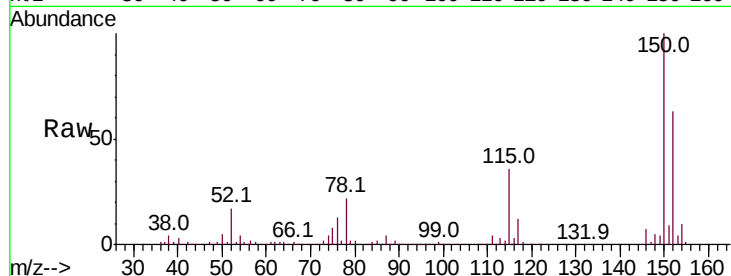
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.4	191.0
115	57.2	45.5	68.3

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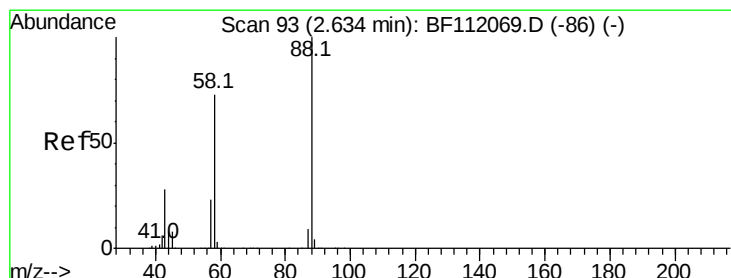
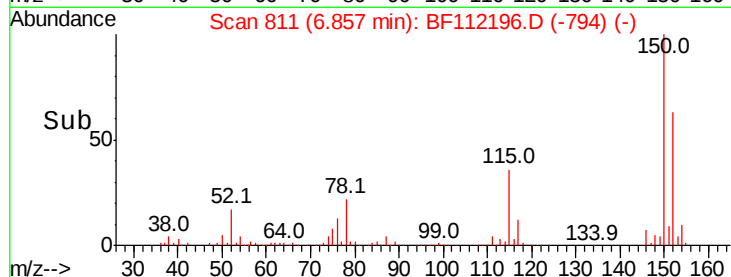
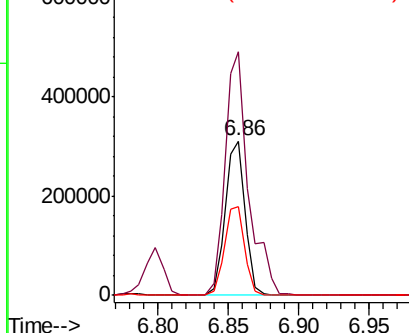


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

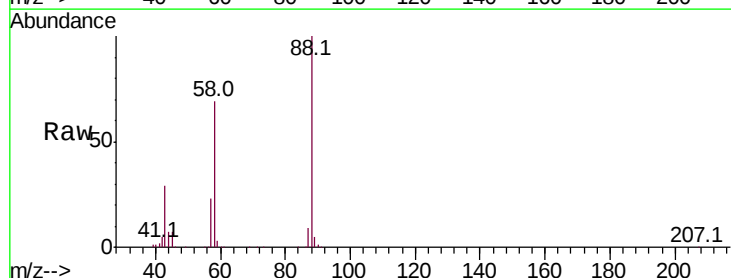
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.119 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.10 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	57.4	86.2
43	30.1	22.2	33.4

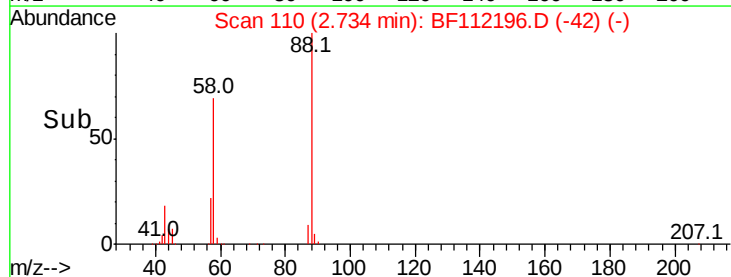
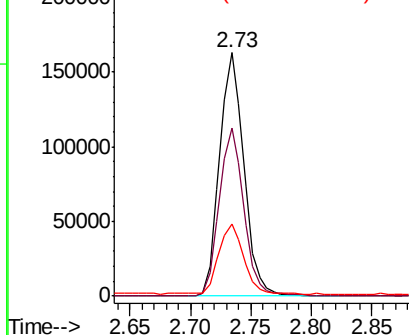


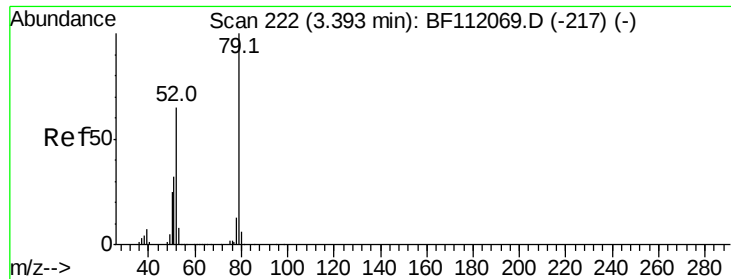
Abundance

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: 30.212 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

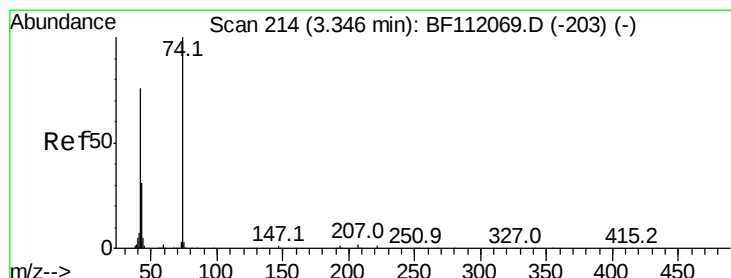
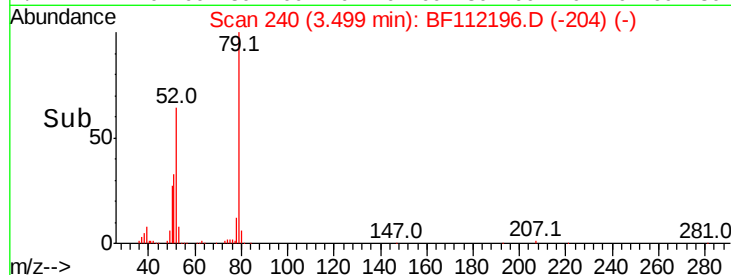
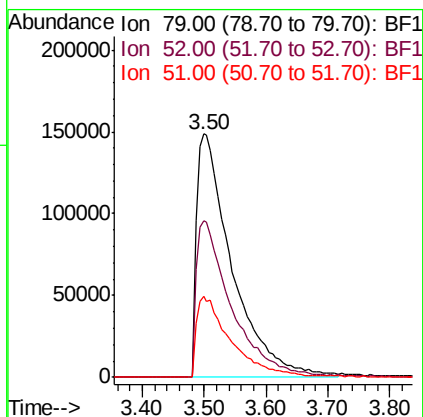
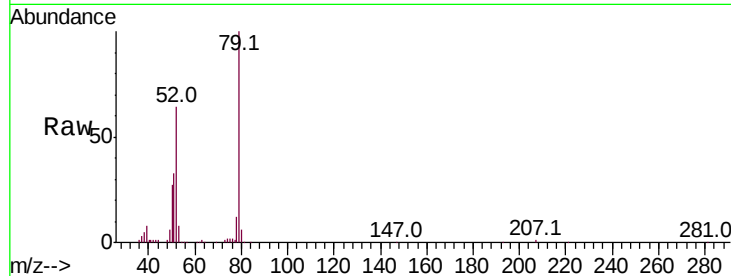
ClientSampleId :

PB116569BS

Tot Ion:	79	Resp:	590424
Ion Ratio	Lower	Upper	
79	100		
52	64.5	52.4	78.6
51	33.2	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 39.255 ng

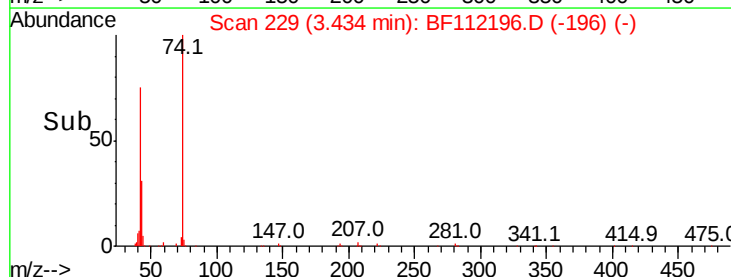
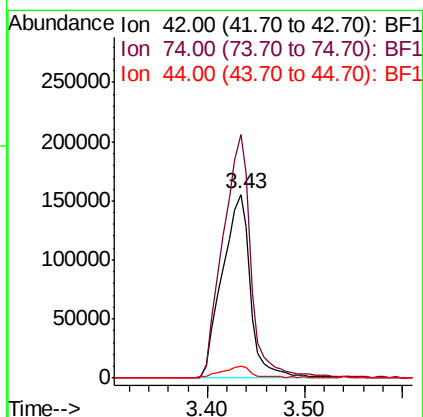
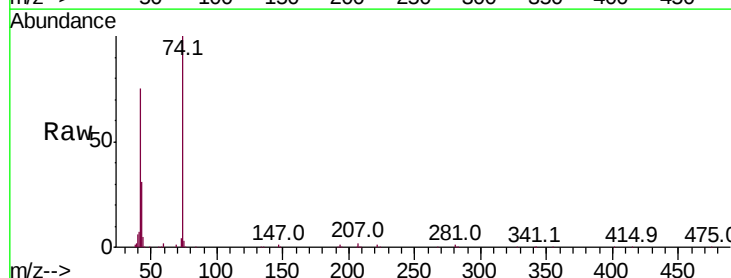
RT: 3.43 min Scan# 229

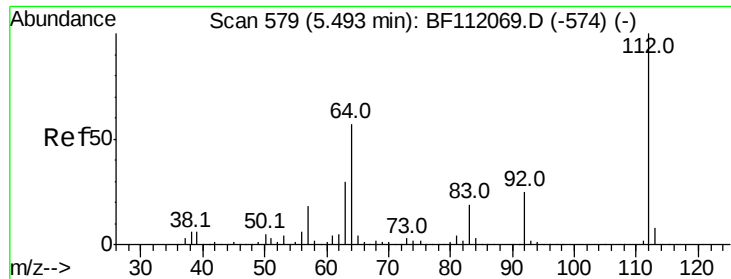
Delta R.T. 0.09 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion:	42	Resp:	311474
Ion Ratio	Lower	Upper	
42	100		
74	132.5	105.6	158.4
44	6.7	5.4	8.2





#5

2-Fluorophenol

Concen: 129.625 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

PB116569BS

Tot Ion: 112 Resp: 2156553

Ion Ratio Lower Upper

112 100

64 59.4 45.7 68.5

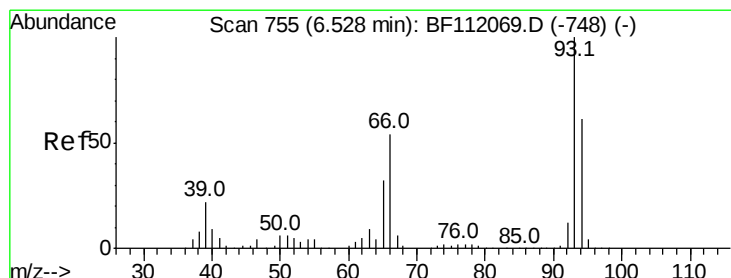
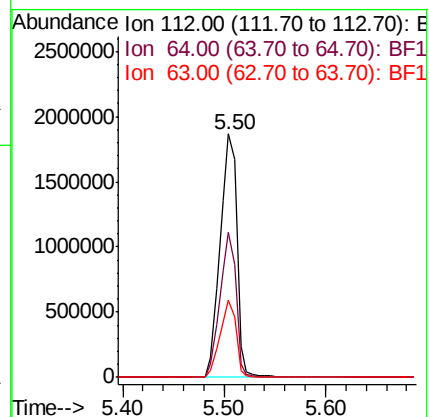
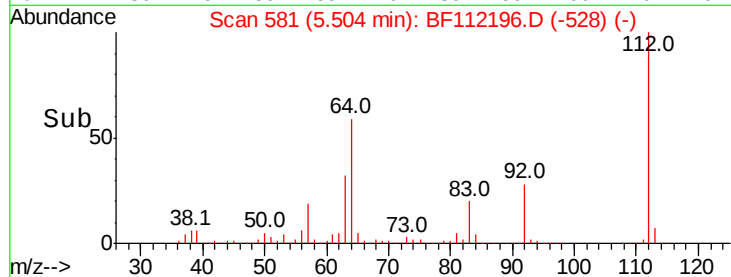
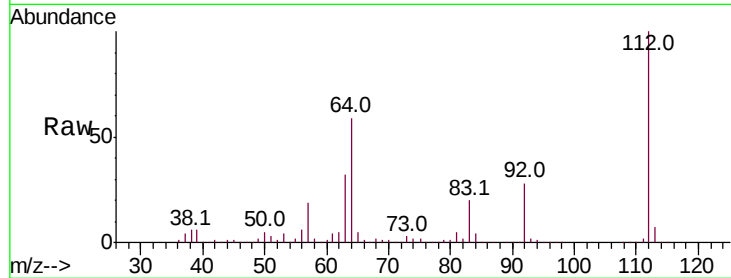
63 31.7 23.6 35.4

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#6

Aniline

Concen: 28.639 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

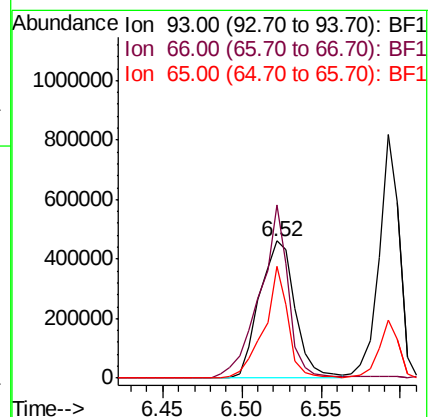
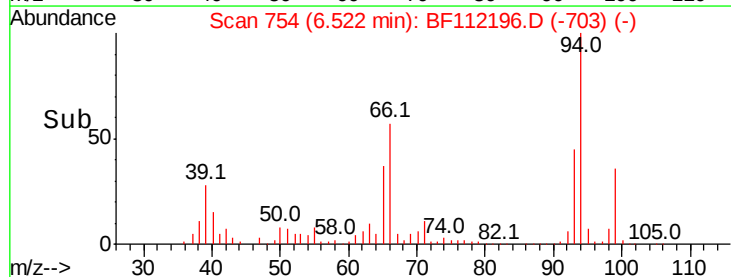
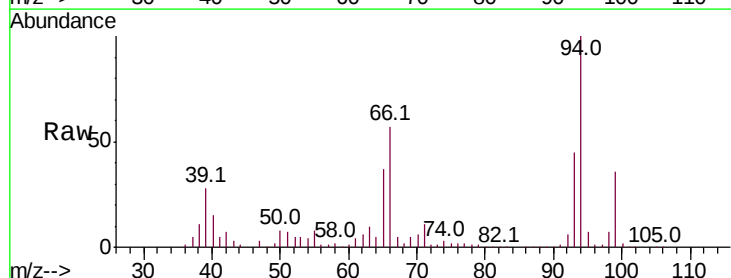
Tgt Ion: 93 Resp: 725039

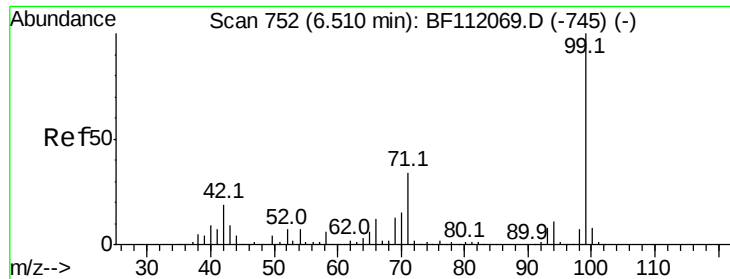
Ion Ratio Lower Upper

93 100

66 126.3 43.4 65.2#

65 81.8 25.3 37.9#





#7

Phenol-d6

Concen: 131.269 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion: 99 Resp: 2732410

Ion Ratio Lower Upper

99 100

42 19.6 15.1 22.7

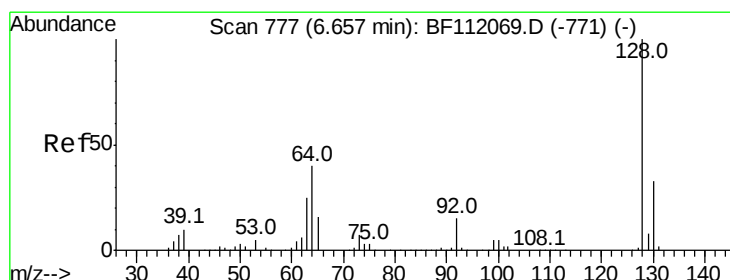
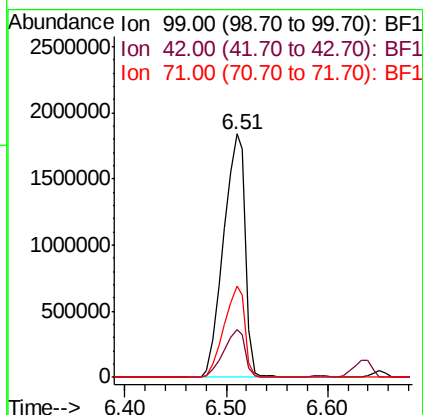
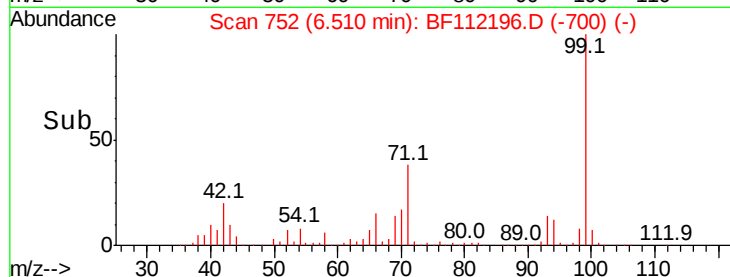
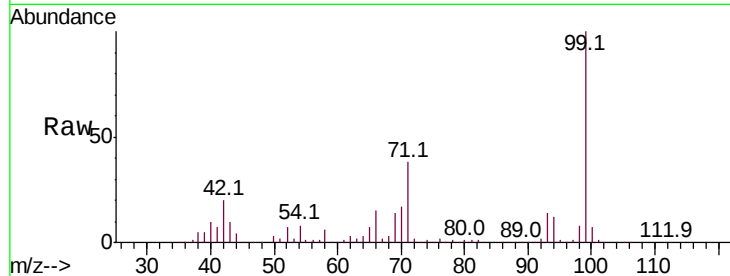
71 37.6 26.9 40.3

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#8

2-Chlorophenol

Concen: 42.075 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

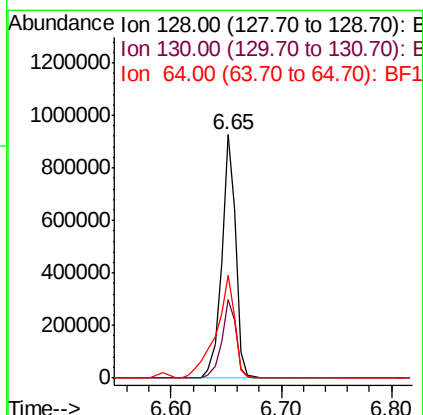
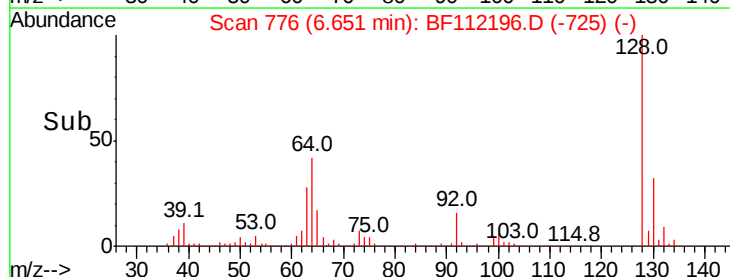
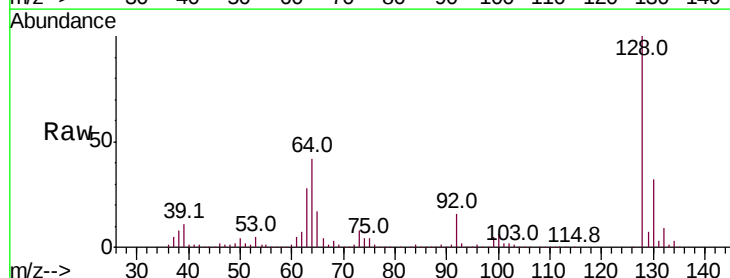
Tgt Ion: 128 Resp: 812986

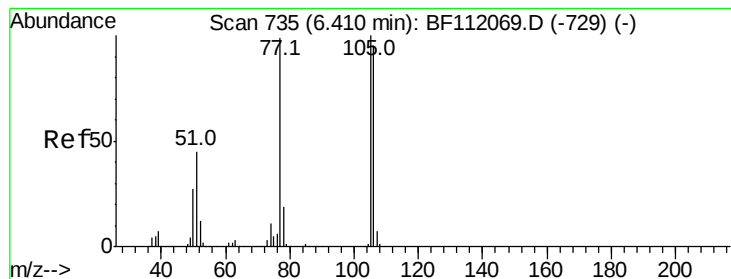
Ion Ratio Lower Upper

128 100

130 32.3 13.4 53.4

64 42.4 20.5 60.5





#9

Benzaldehyde

Concen: 8.180 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

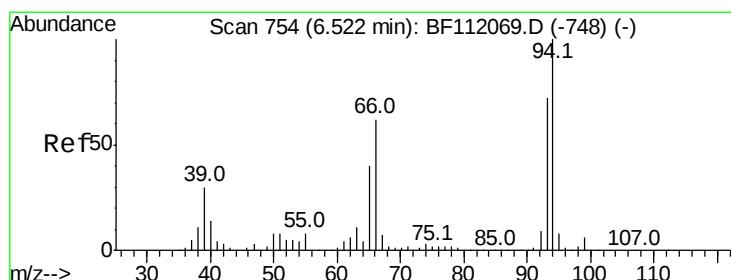
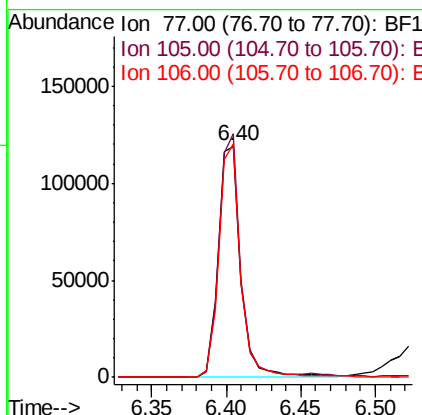
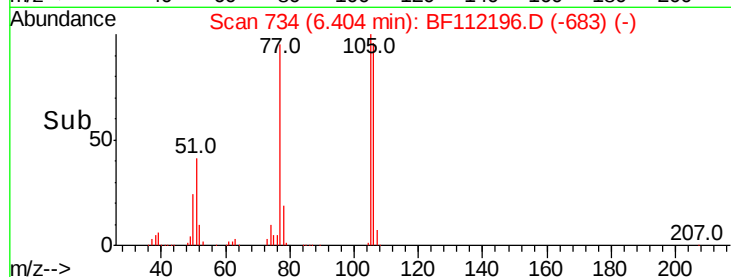
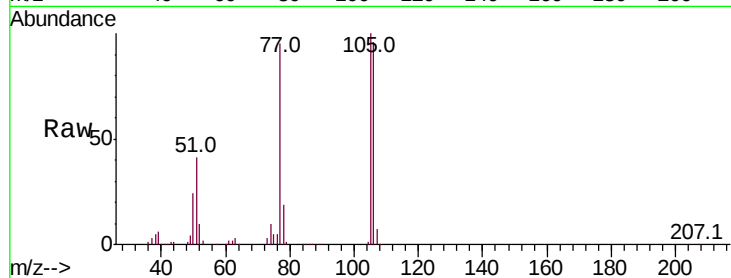
ClientSampleId :

PB116569BS

Tot Ion:	77	Resp:	127802
Ion	Ratio	Lower	Upper
77	100		
105	105.3	80.8	120.8
106	100.7	75.7	115.7

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#10

Phenol

Concen: 39.711 ng

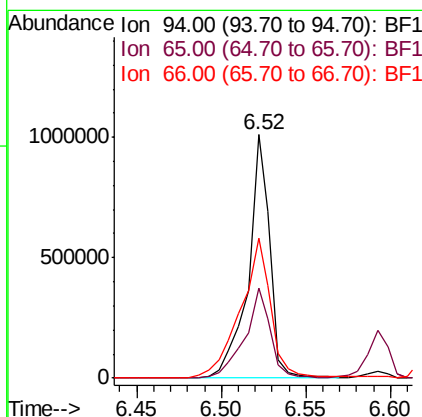
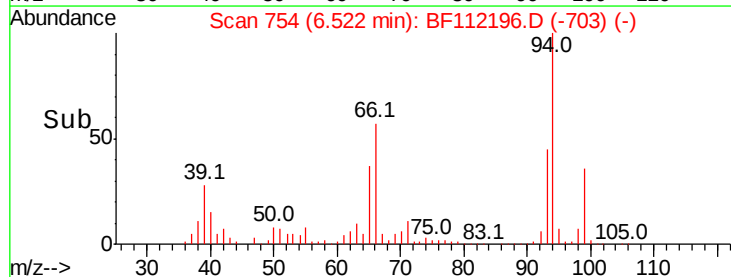
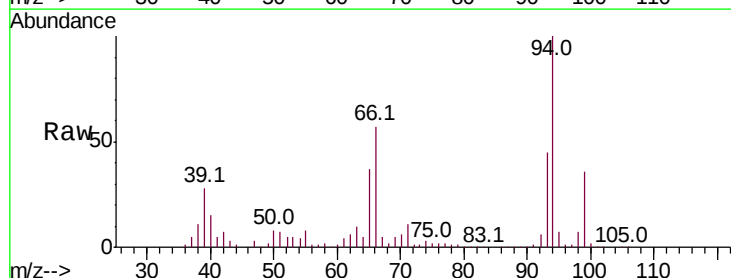
RT: 6.52 min Scan# 754

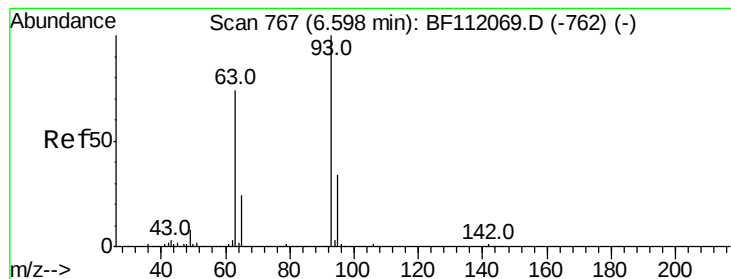
Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion:	94	Resp:	903388
Ion	Ratio	Lower	Upper
94	100		
65	37.2	20.3	60.3
66	57.4	42.4	82.4





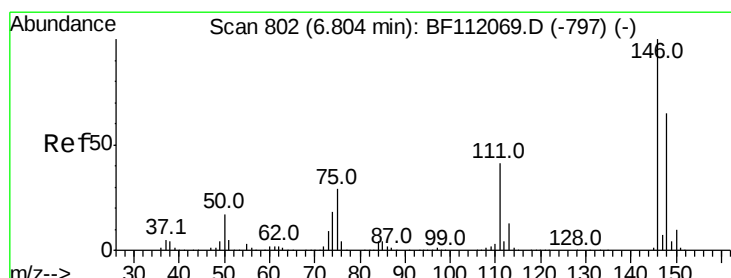
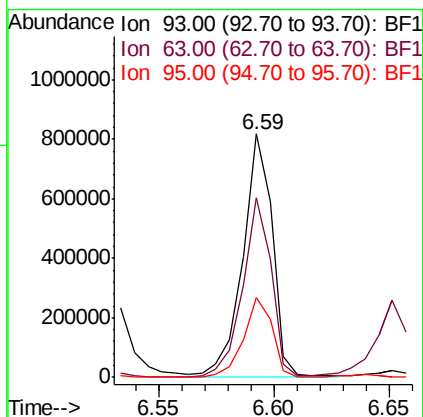
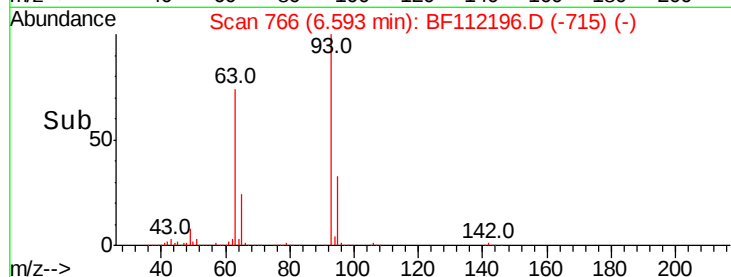
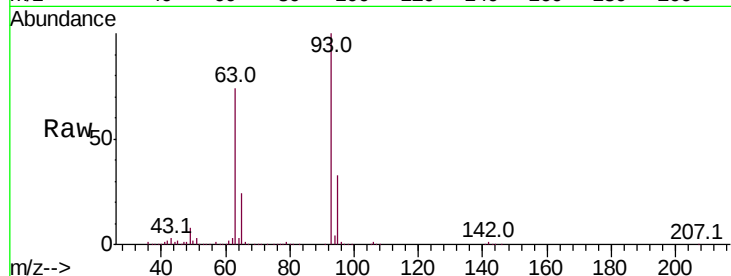
#11
bis(2-Chloroethyl)ether
Concen: 40.784 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	53.3	93.3
95	33.0	13.4	53.4

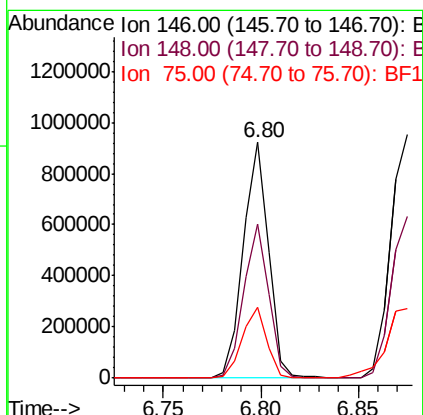
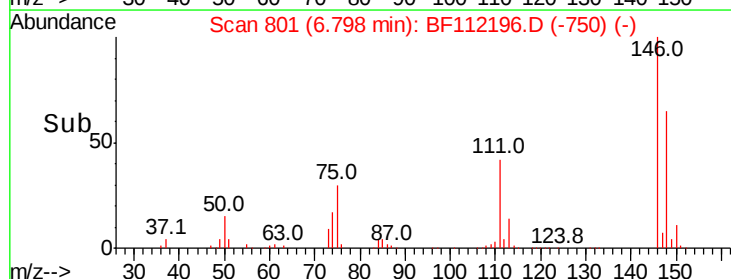
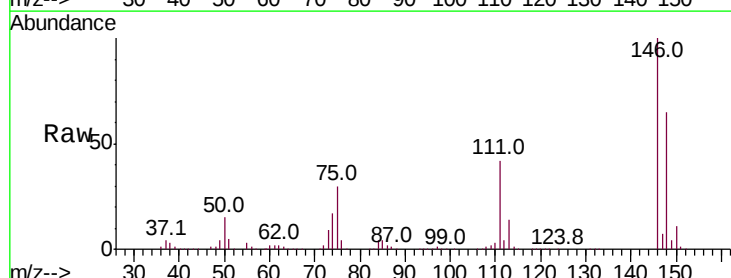
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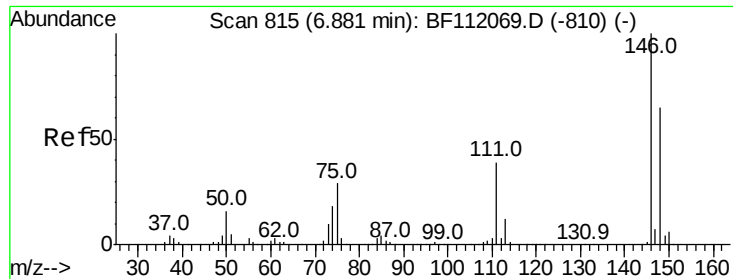
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.464 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	30.1	23.1	34.7





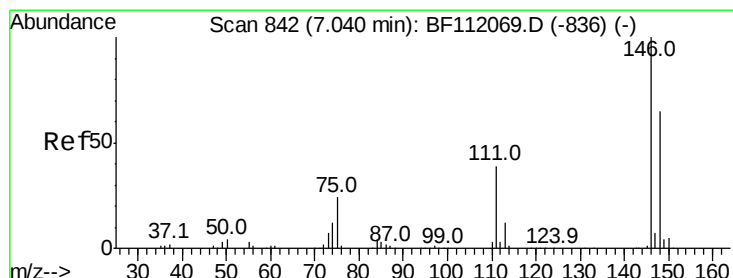
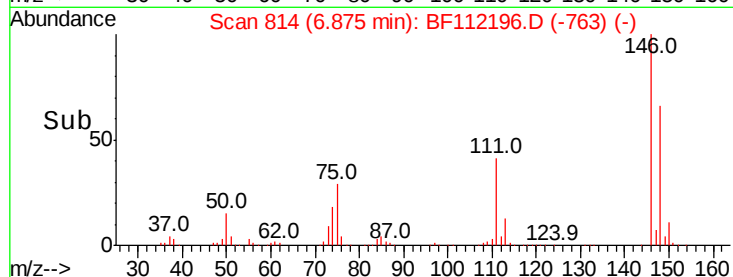
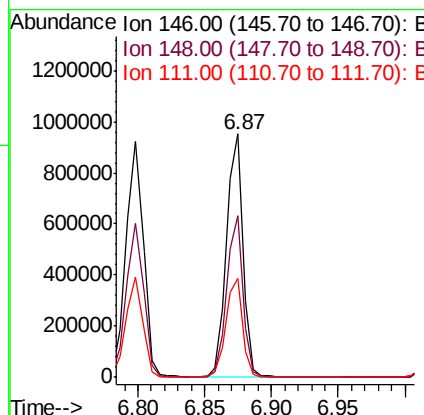
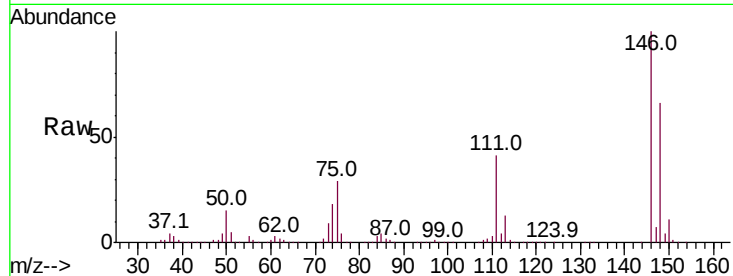
#13
1,4-Dichlorobenzene
Concen: 37.289 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampled :
PB116569BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.0	78.0
111	40.7	31.2	46.8

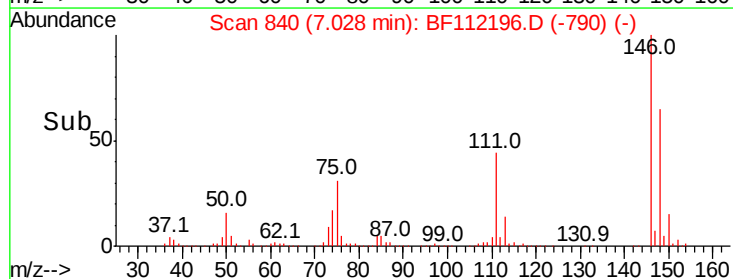
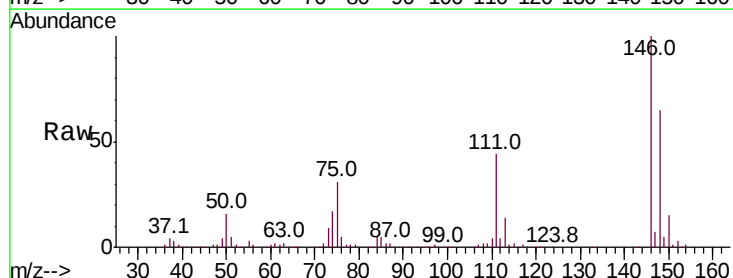
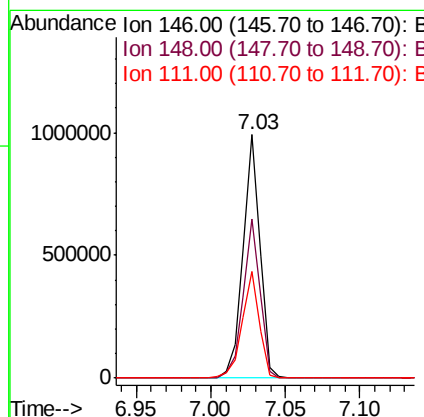
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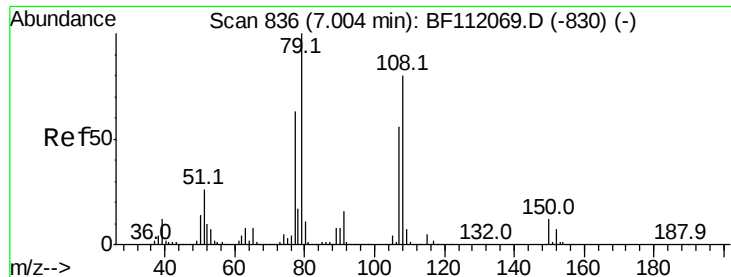
Sohil
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#14
1,2-Dichlorobenzene
Concen: 37.873 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.2	78.4
111	43.8	31.2	46.8





#15

Benzyl Alcohol

Concen: 43.959 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

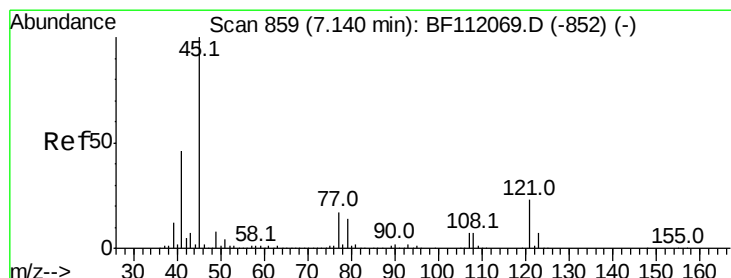
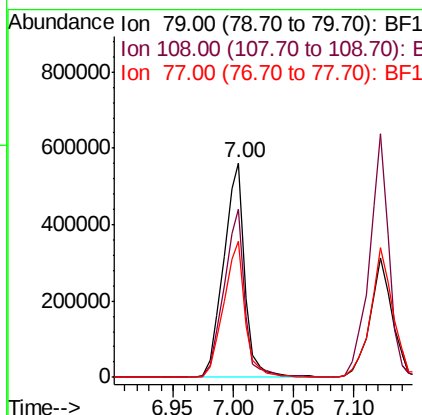
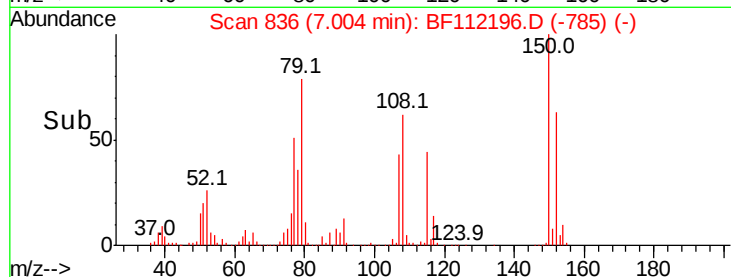
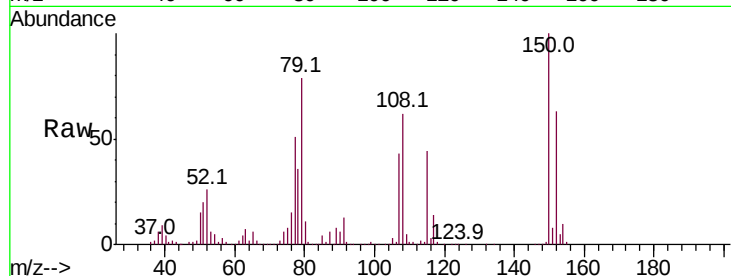
ClientSampleId :

PB116569BS

Tot Ion:	79	Resp:	681716
Ion Ratio	Lower	Upper	
79	100		
108	78.2	64.2	96.2
77	63.7	50.3	75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.242 ng

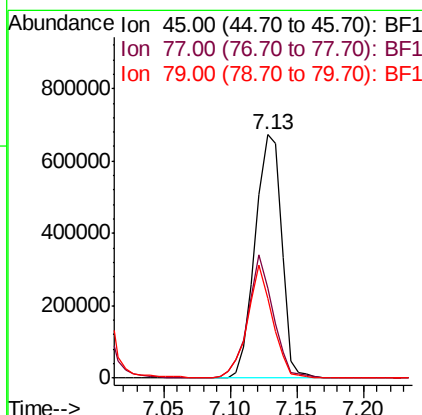
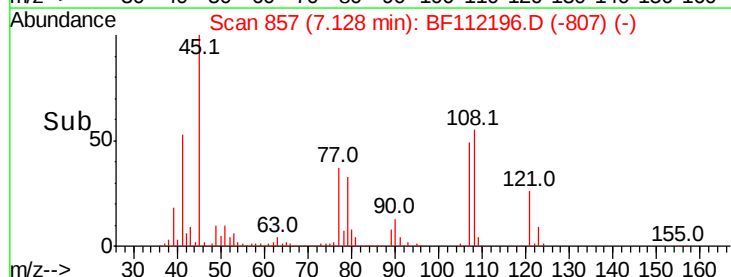
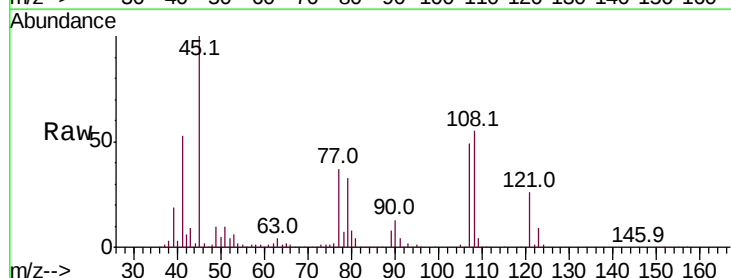
RT: 7.13 min Scan# 857

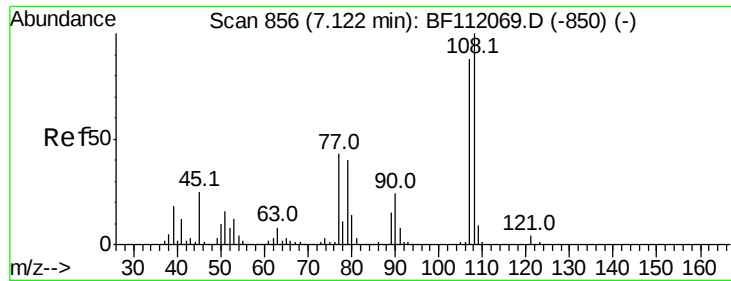
Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion:	45	Resp:	919265
Ion Ratio	Lower	Upper	
45	100		
77	37.1	0.0	36.9#
79	32.8	0.0	34.0





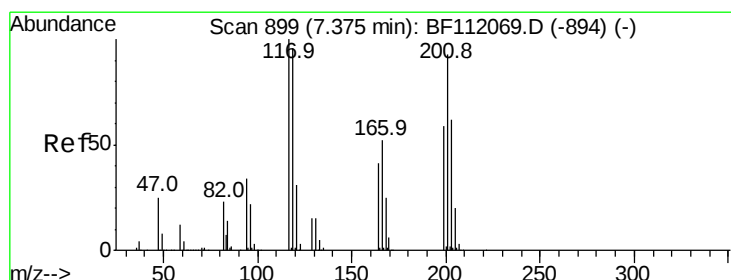
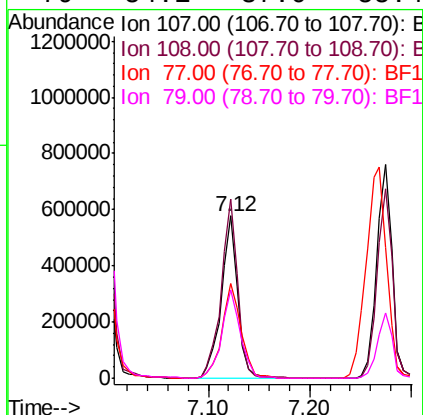
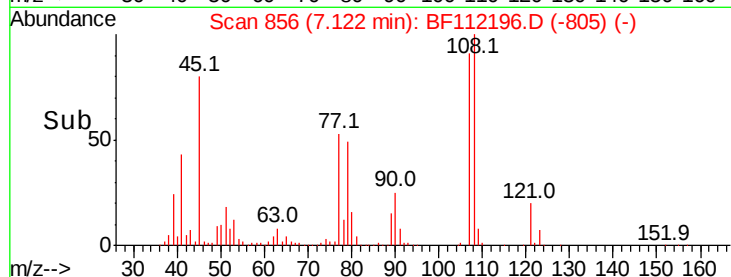
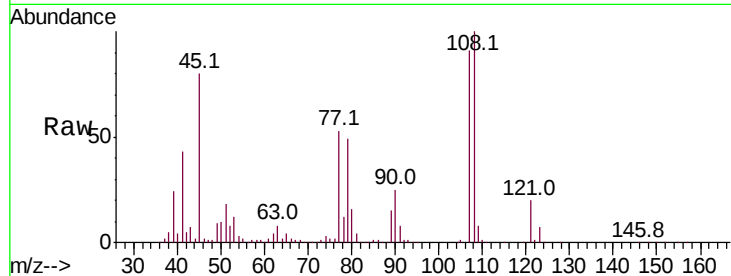
#17
2-Methylphenol
Concen: 44.676 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	91.3	136.9	
77	58.7	39.0	58.6	
79	54.1	37.0	55.4	

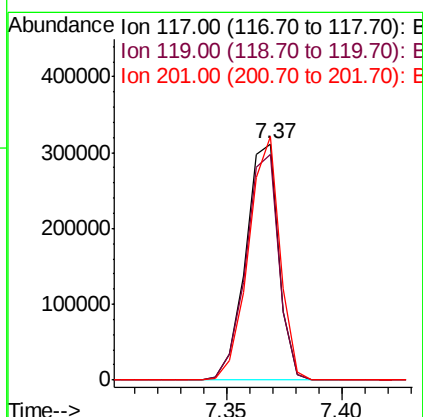
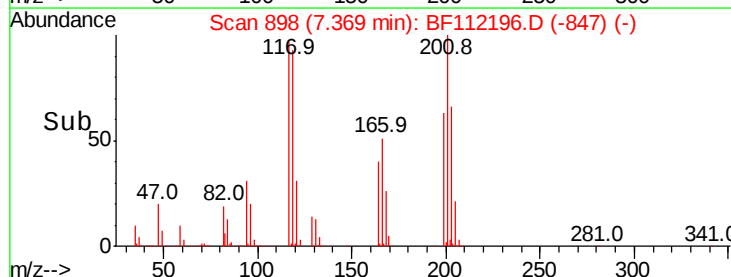
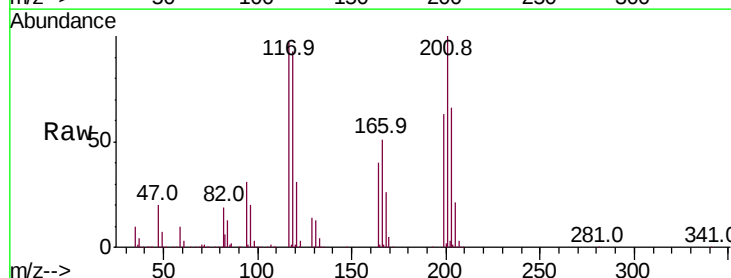
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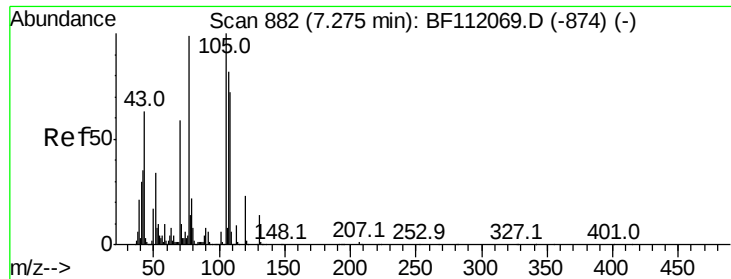
Sohil
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#18
Hexachloroethane
Concen: 41.411 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.0	115.4	
201	103.1	74.1	111.1	





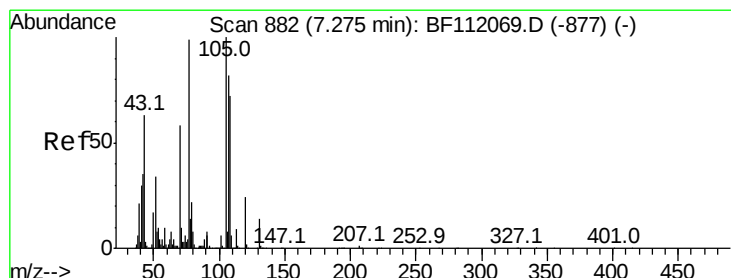
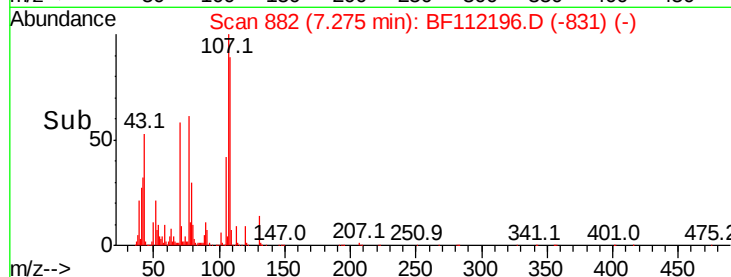
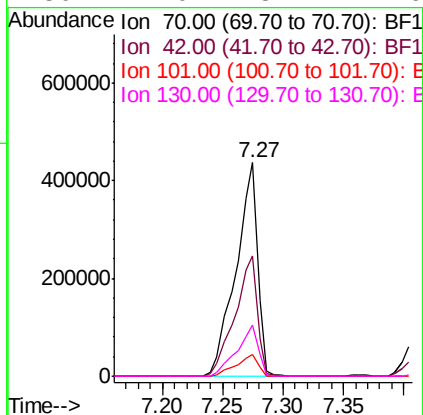
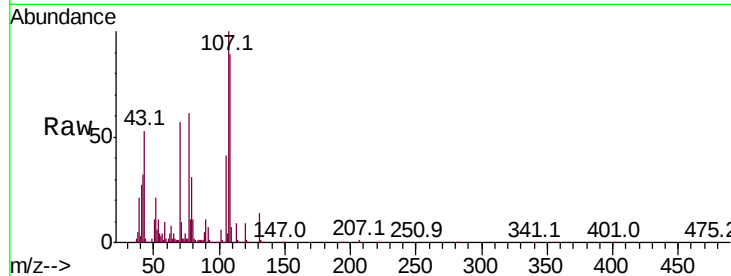
#19
n-Nitroso-di-n-propylamine
Concen: 43.288 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	47.6	71.4	
101	10.0	7.9	11.9	
130	24.0	18.4	27.6	

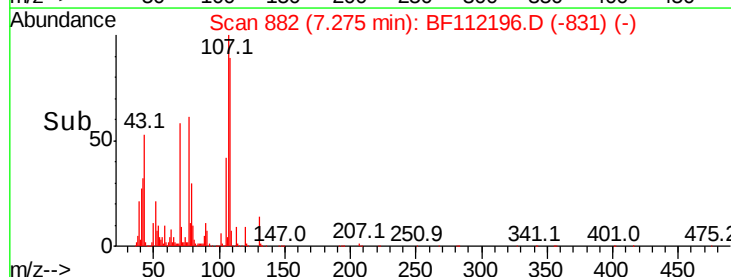
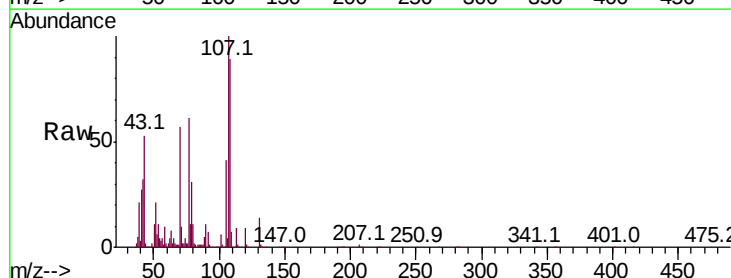
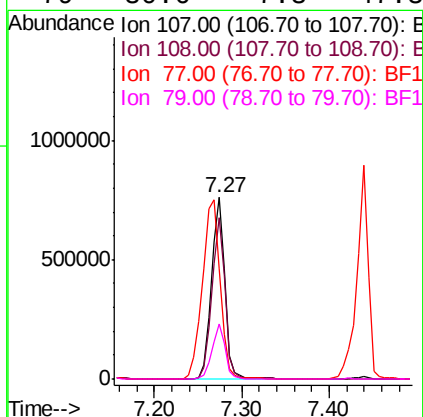
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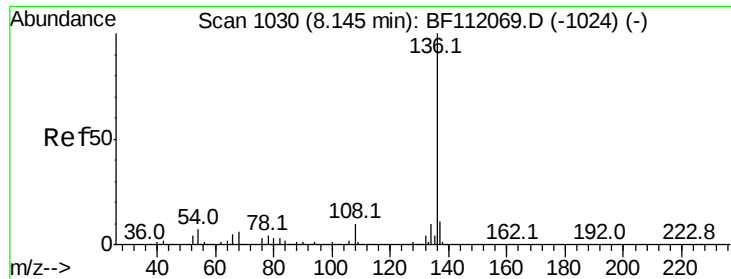
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#20
3+4-Methylphenols
Concen: 45.696 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	68.2	108.2	
77	61.0	100.7	140.7	
79	30.6	7.3	47.3	





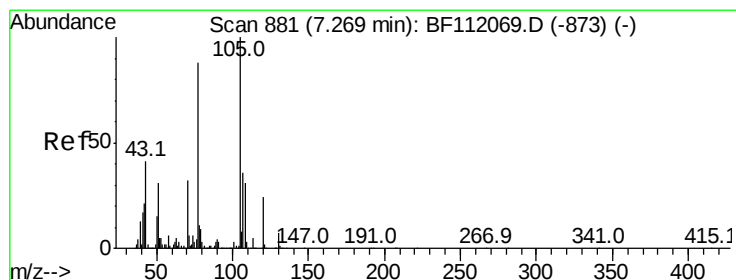
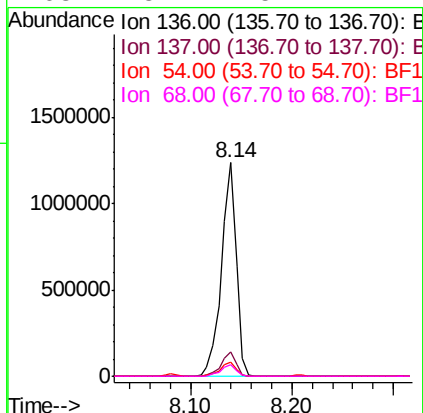
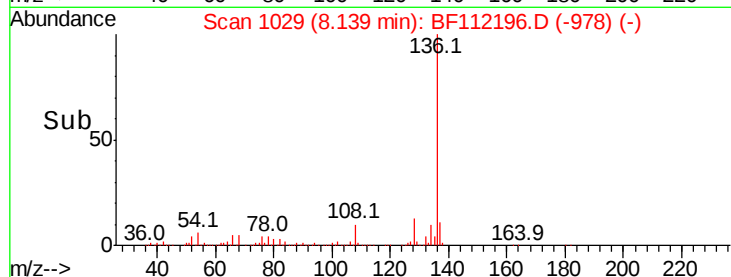
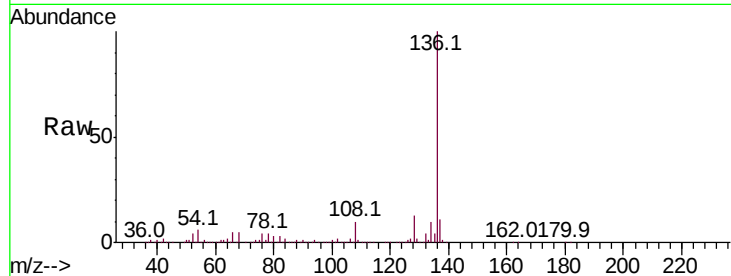
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.4	5.9	8.9
68	5.2	5.1	7.7

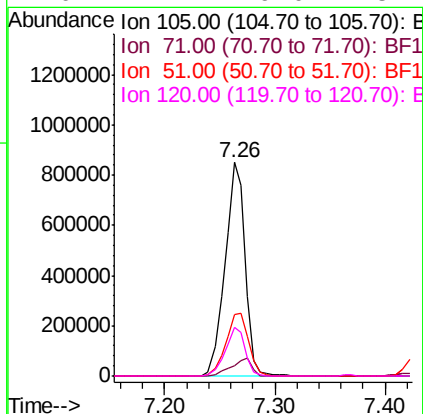
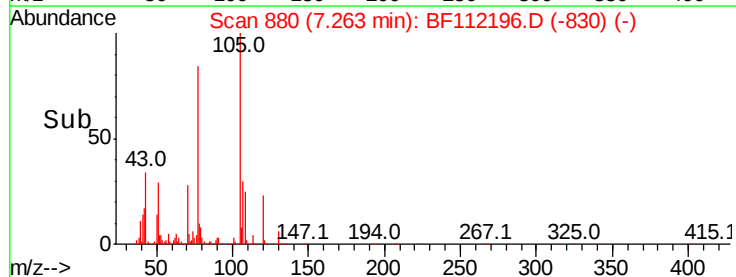
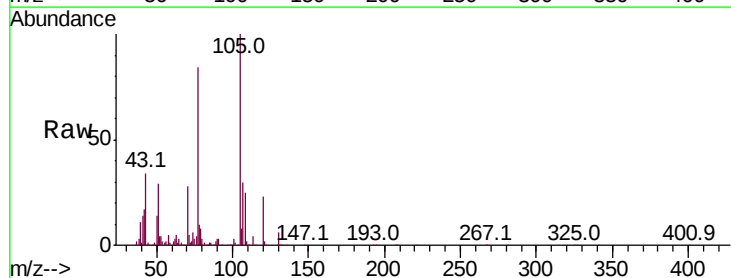
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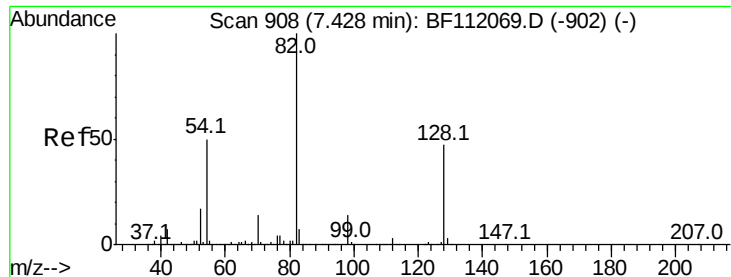
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#22
Acetophenone
Concen: 37.363 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.6	6.8#
51	28.6	25.0	37.6
120	22.7	19.0	28.4





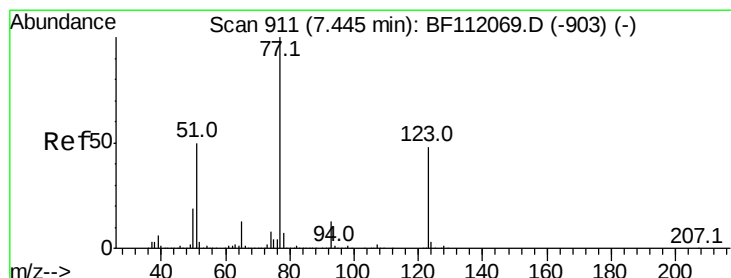
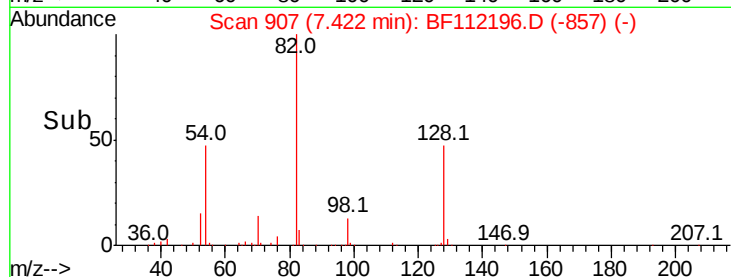
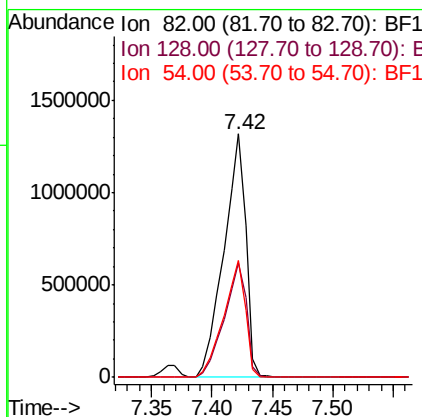
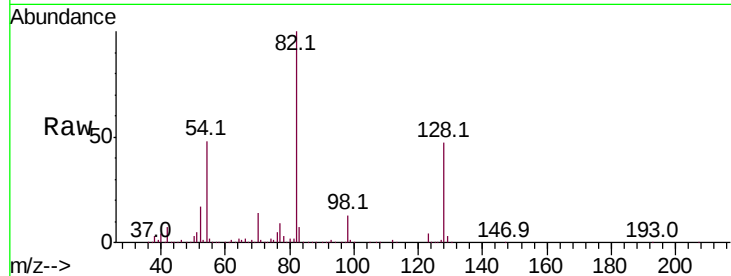
#23
Nitrobenzene-d5
Concen: 91.444 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion: 82 Resp: 1653949
Ion Ratio Lower Upper
82 100
128 46.9 37.8 56.8
54 48.0 39.7 59.5

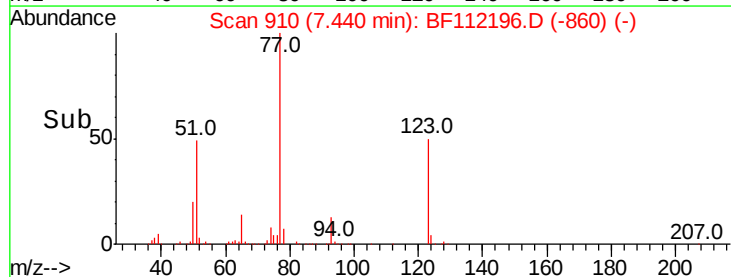
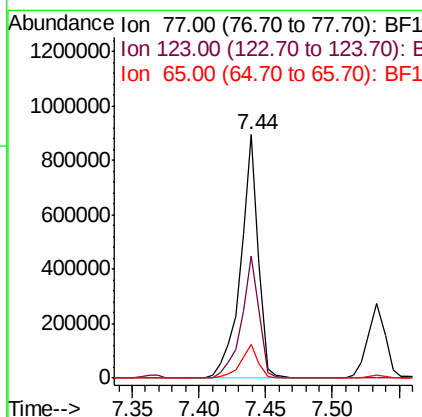
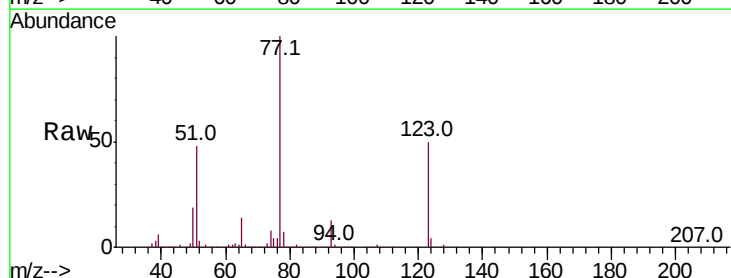
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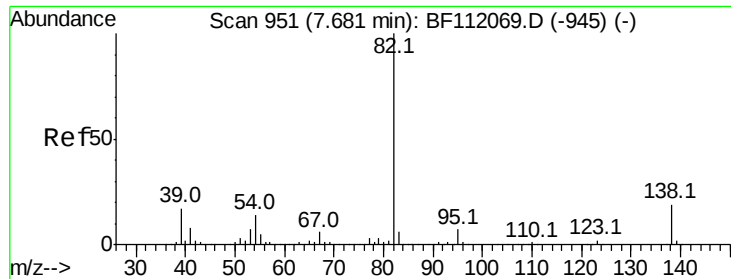
Sohil
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#24
Nitrobenzene
Concen: 42.479 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion: 77 Resp: 814281
Ion Ratio Lower Upper
77 100
123 49.9 38.4 57.6
65 13.7 10.6 15.8





#25

Isophorone

Concen: 43.287 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion: 82 Resp: 1512261

Ion Ratio Lower Upper

82 100

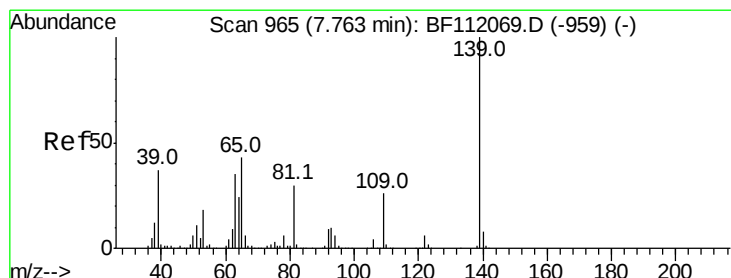
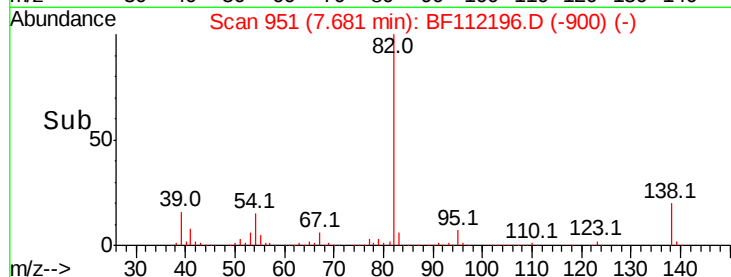
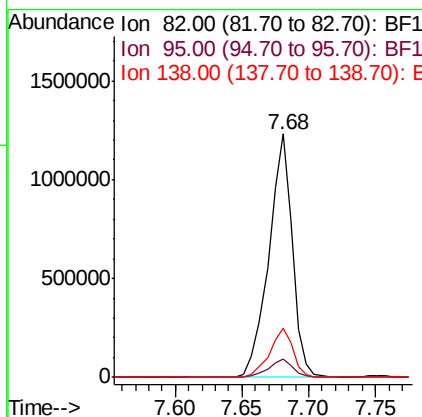
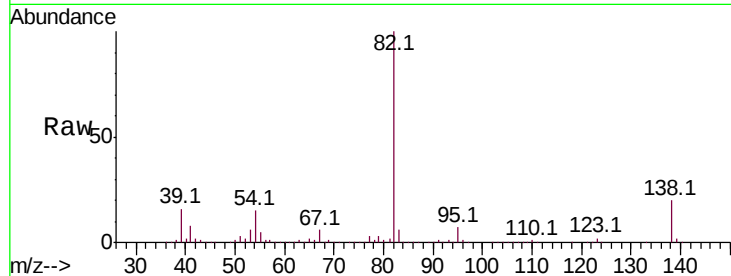
95 7.4 5.7 8.5

138 20.1 15.4 23.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.544 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

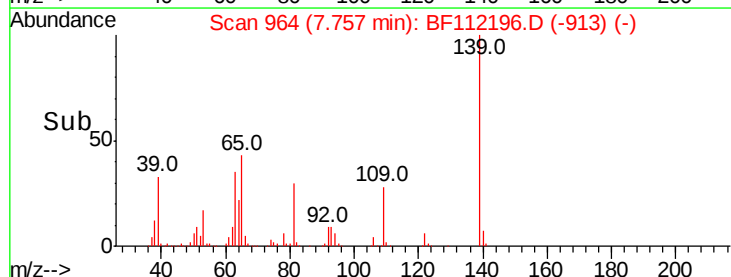
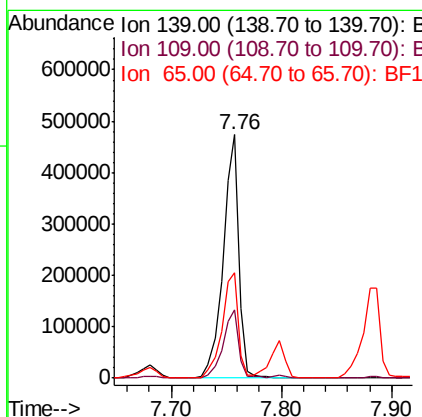
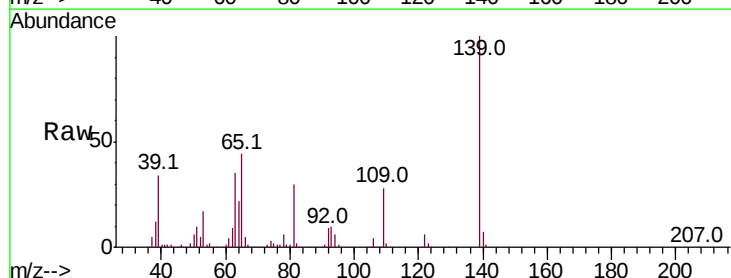
Tgt Ion: 139 Resp: 467496

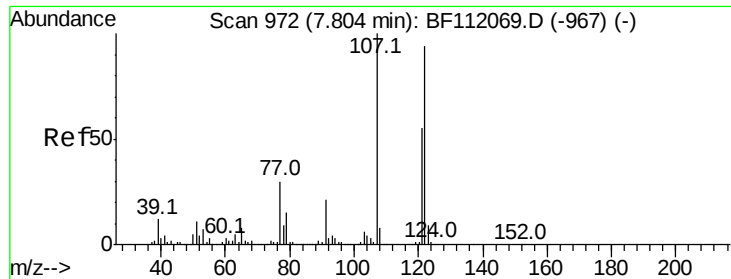
Ion Ratio Lower Upper

139 100

109 28.2 20.8 31.2

65 43.5 34.4 51.6





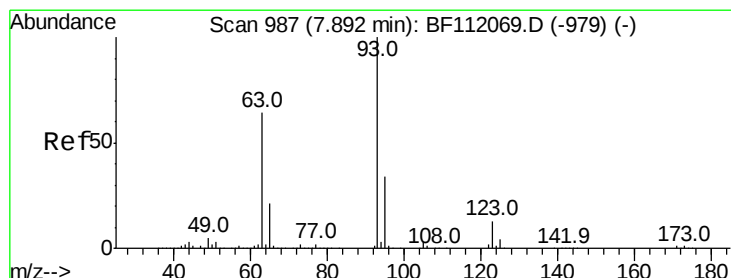
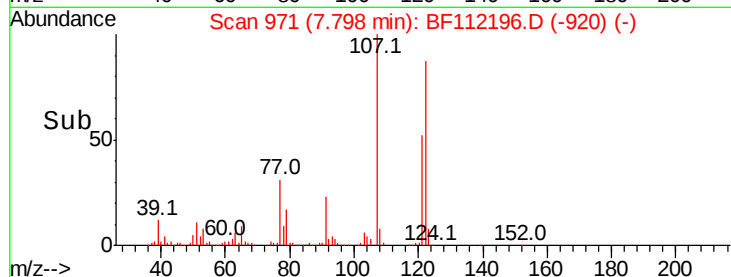
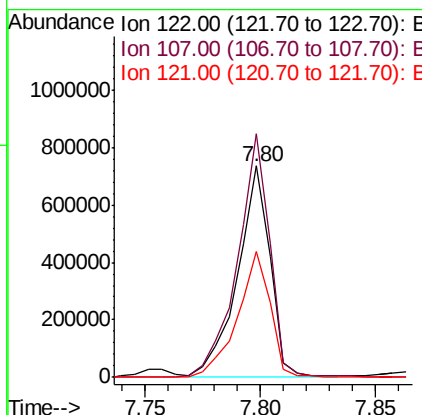
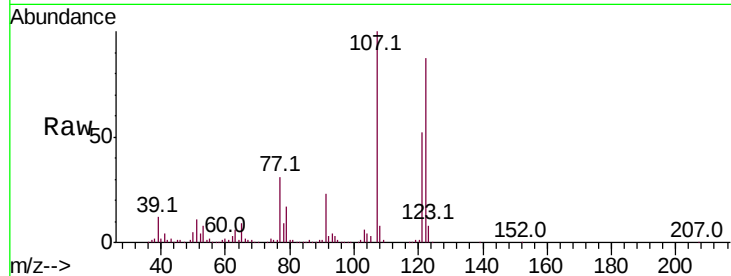
#27
2,4-Dimethylphenol
Concen: 44.690 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampled :
PB116569BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	724708		
107	115.3	85.4	128.0	
121	59.5	47.0	70.4	

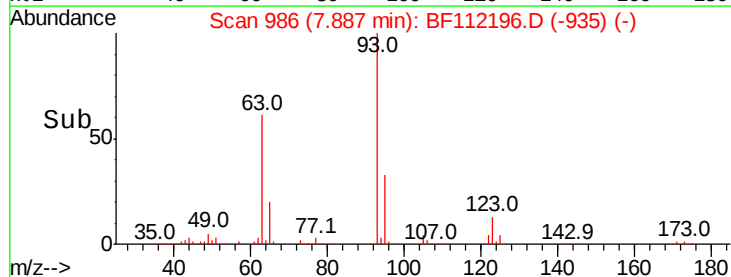
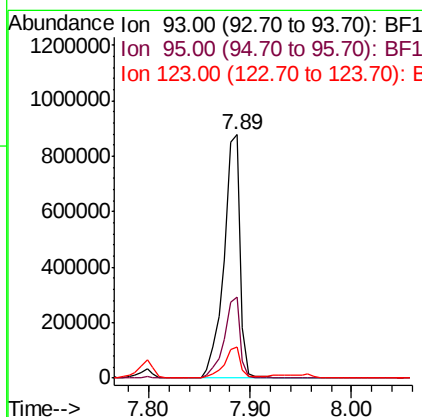
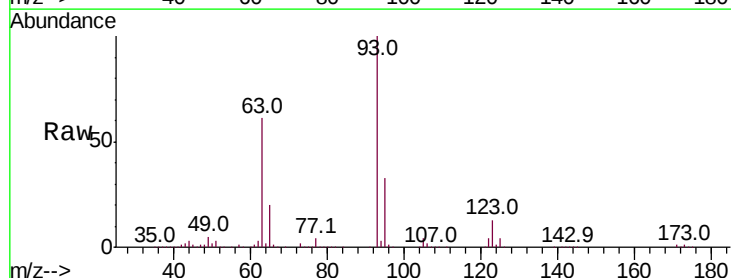
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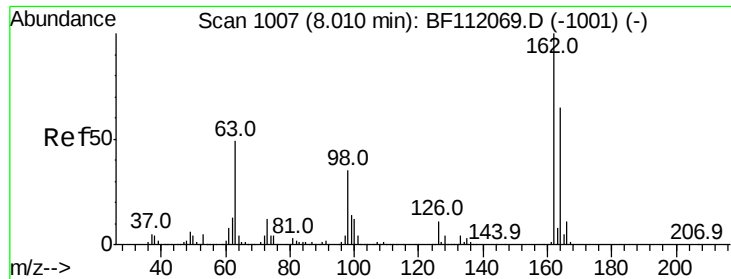
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#28
bis(2-Chloroethoxy)methane
Concen: 40.565 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	972092		
95	33.2	26.8	40.2	
123	12.8	10.2	15.2	





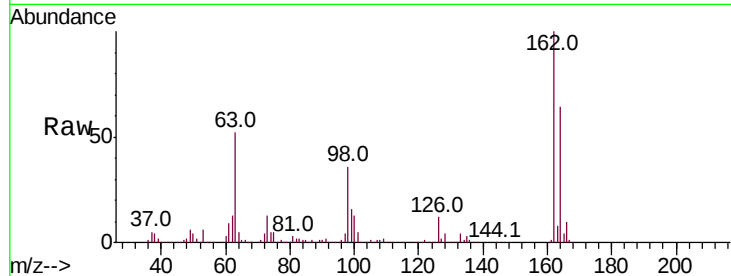
#29
2,4-Dichlorophenol
Concen: 41.328 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampled :
PB116569BS

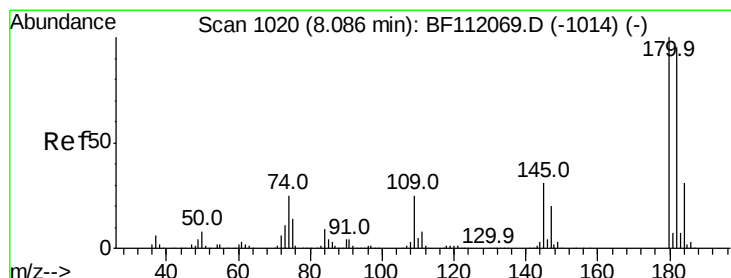
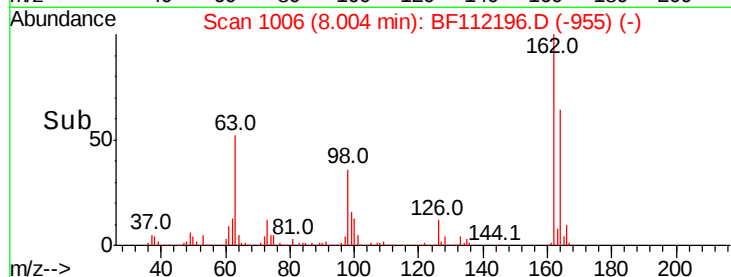
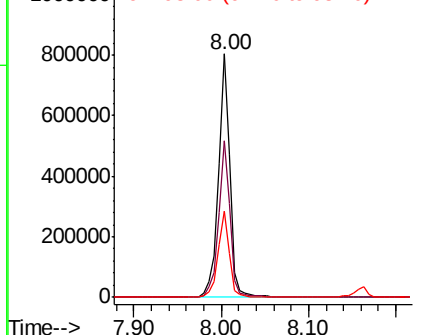
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.5	14.6	54.6

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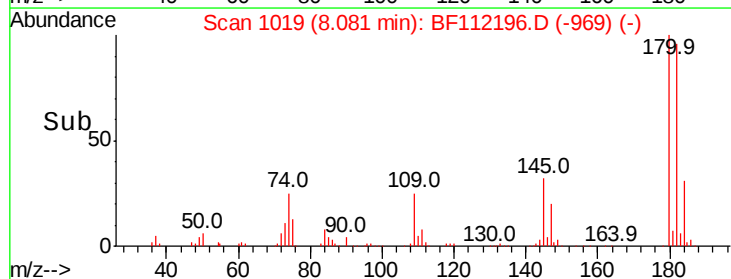
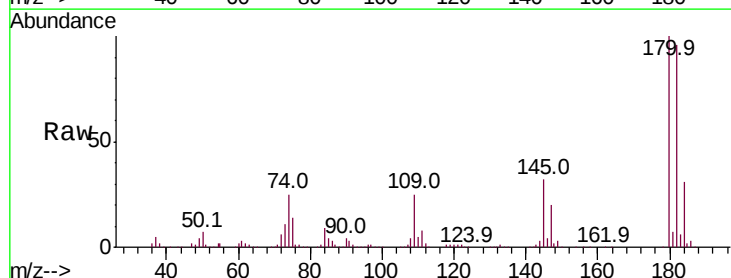
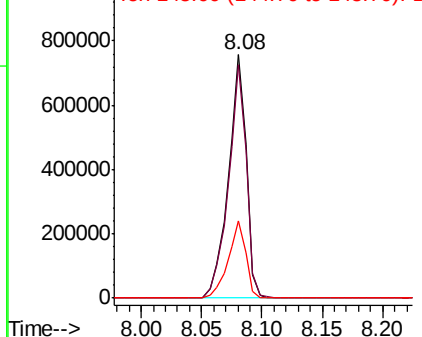
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

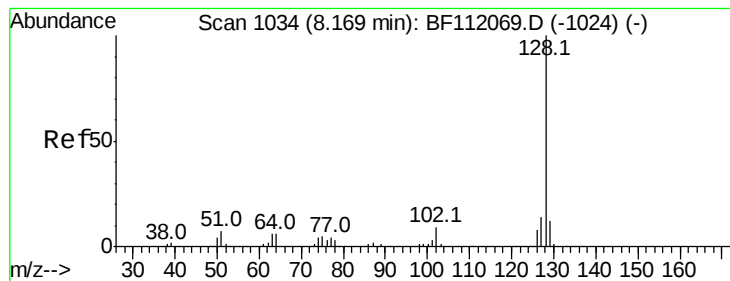


#30
1,2,4-Trichlorobenzene
Concen: 37.764 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	76.4	114.6
145	31.9	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: 40.568 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion:128 Resp: 2305710

Ion Ratio Lower Upper

128 100

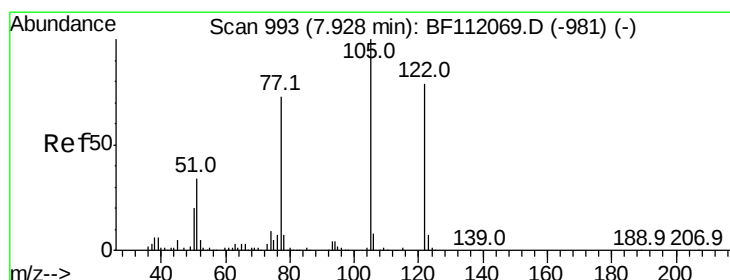
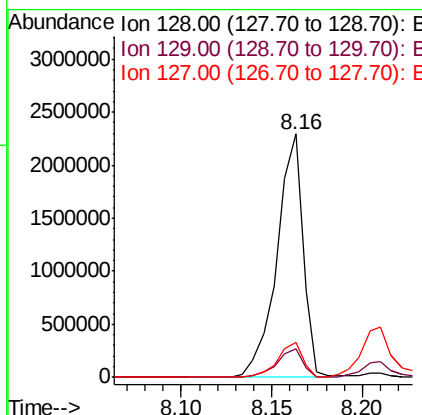
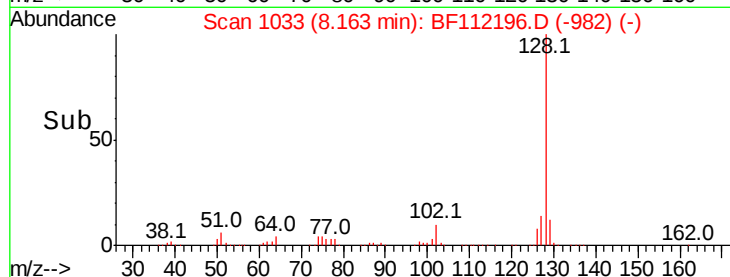
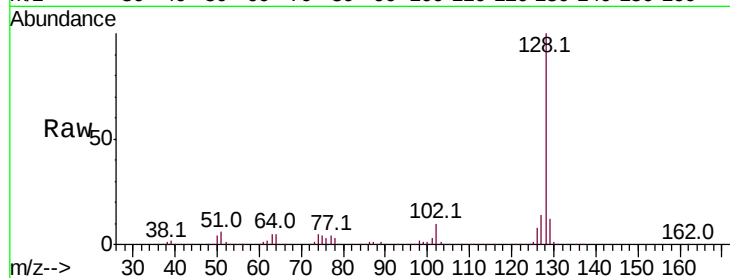
129 11.9 9.6 14.4

127 14.3 11.1 16.7

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#32

Benzoic acid

Concen: 60.308 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

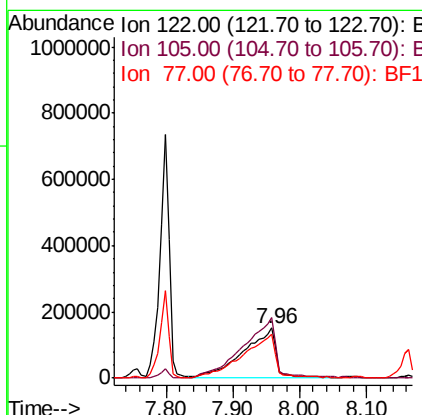
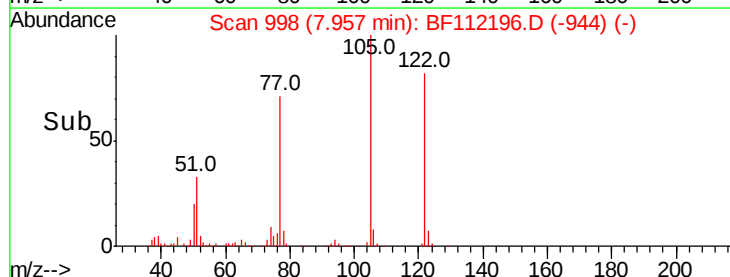
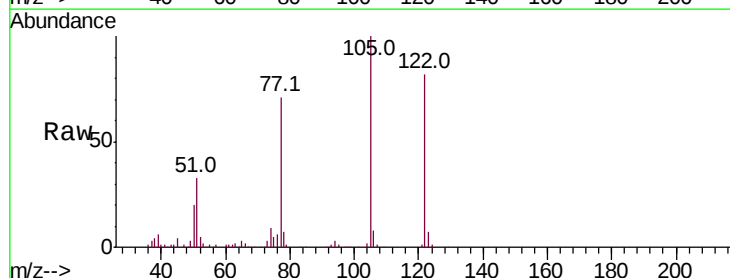
Tgt Ion:122 Resp: 500285

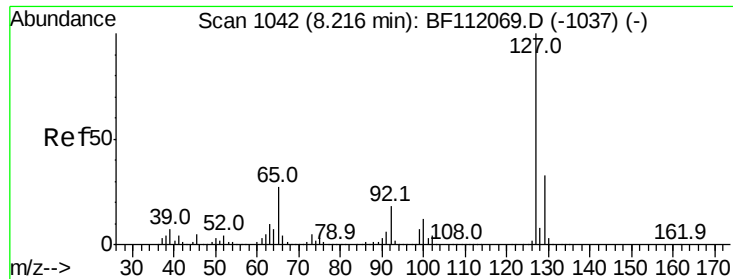
Ion Ratio Lower Upper

122 100

105 121.8 101.2 141.2

77 87.0 70.4 110.4





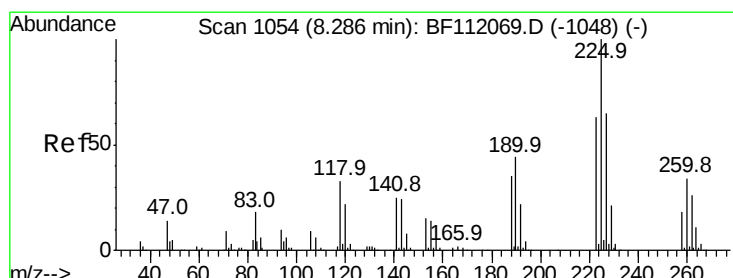
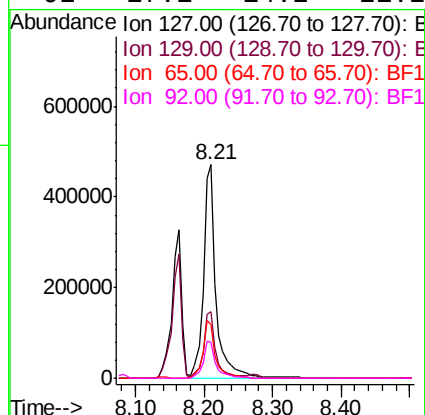
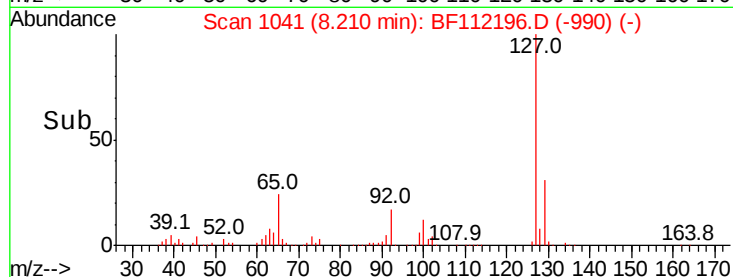
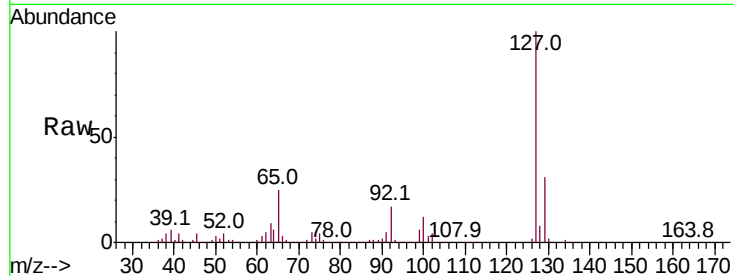
#33
4-Chloroaniline
Concen: 23.728 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.6	39.8		
65	25.1	21.4	32.2		
92	17.1	14.2	21.2		

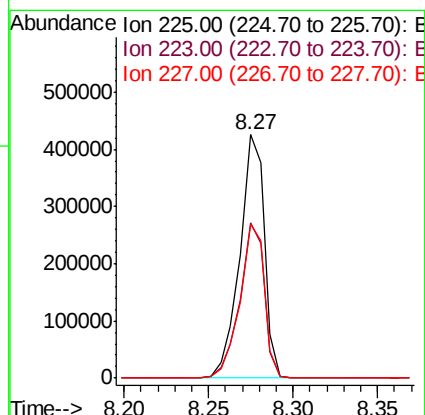
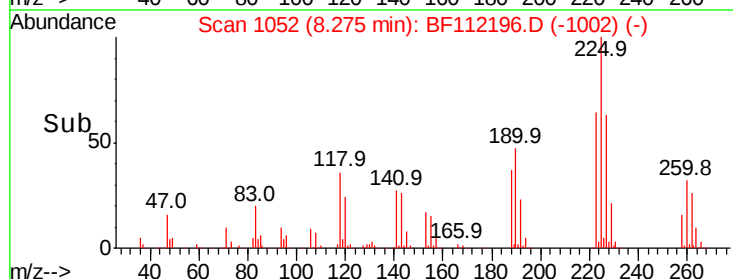
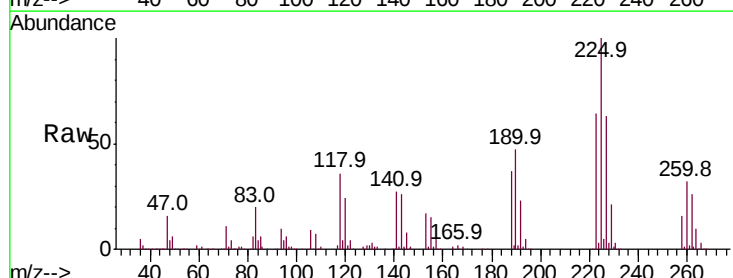
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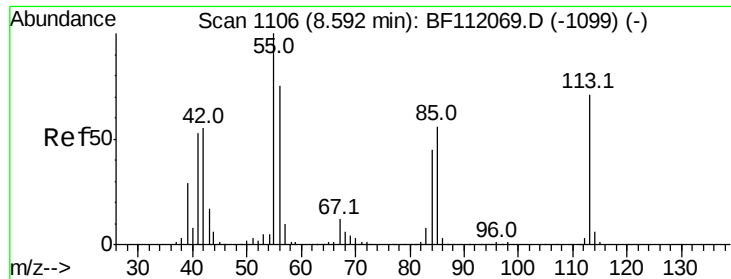
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#34
Hexachlorobutadiene
Concen: 37.674 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.3	75.5		
227	63.4	51.8	77.8		





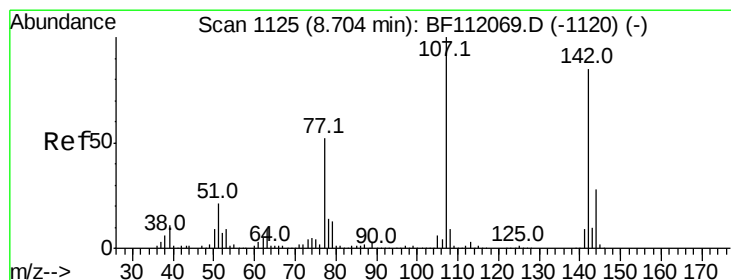
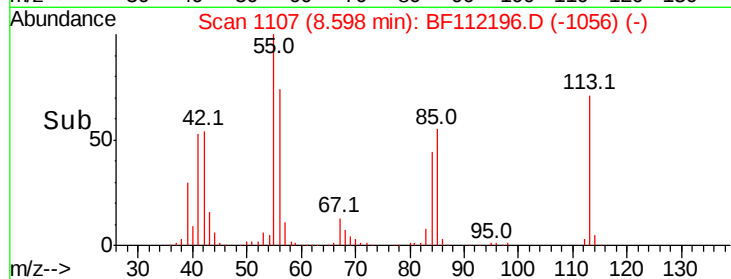
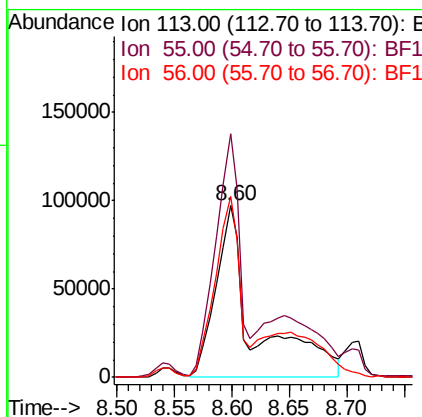
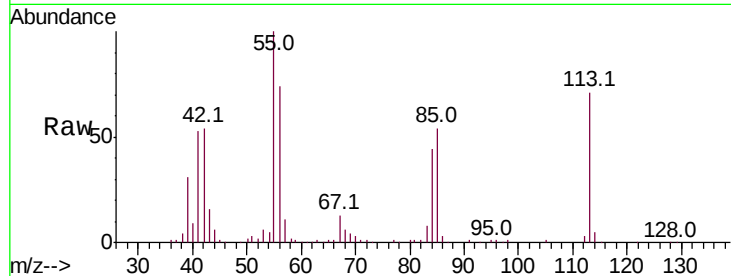
#35
 Caprolactam
 Concen: 36.427 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleID :
 PB116569BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.7	121.6	161.6
56	105.1	86.7	126.7

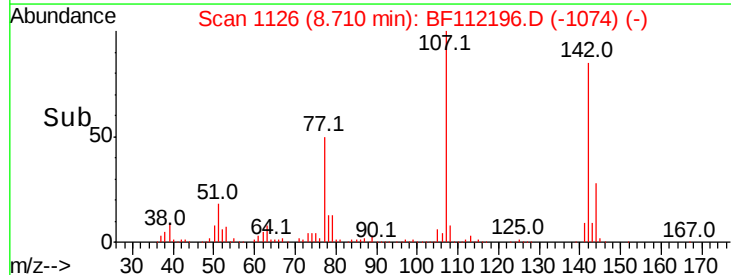
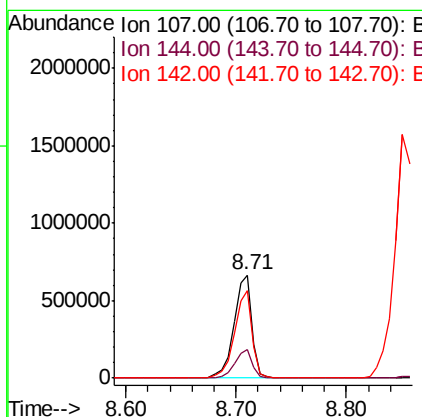
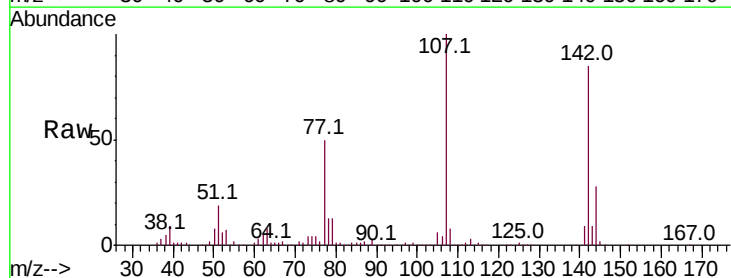
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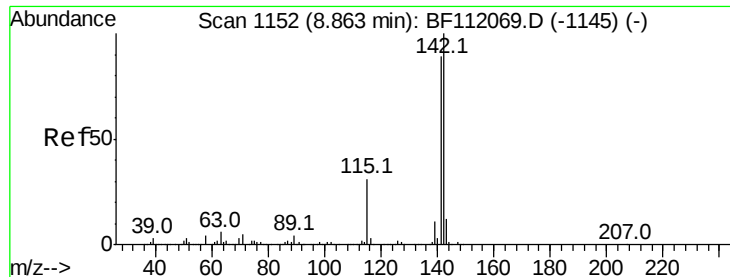
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#36
 4-Chloro-3-methylphenol
 Concen: 43.627 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.2	33.2
142	85.3	67.7	101.5





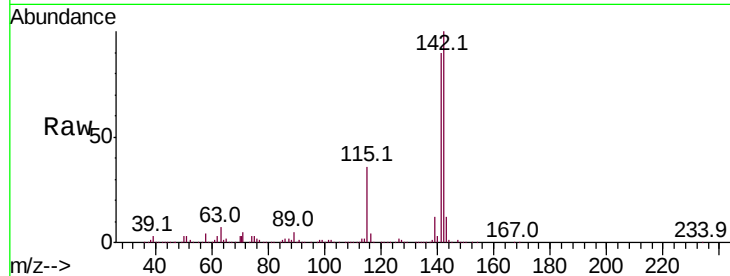
#37
2-Methylnaphthalene
Concen: 43.200 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

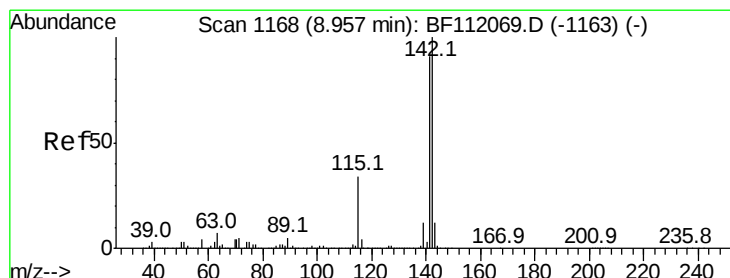
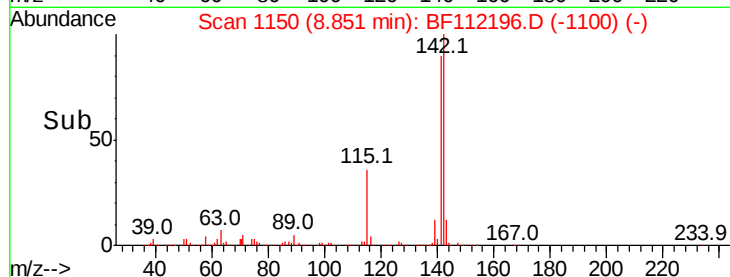
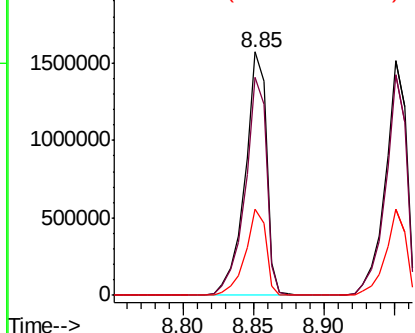
Tot Ion:142 Resp: 1667290
Ion Ratio Lower Upper
142 100
141 89.8 70.9 106.3
115 35.7 24.9 37.3

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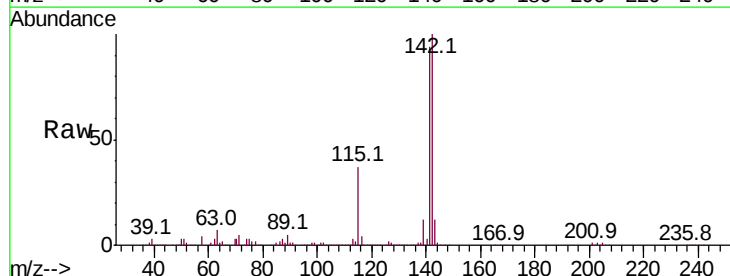


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

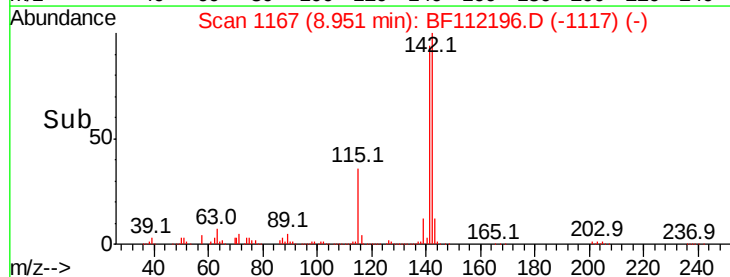
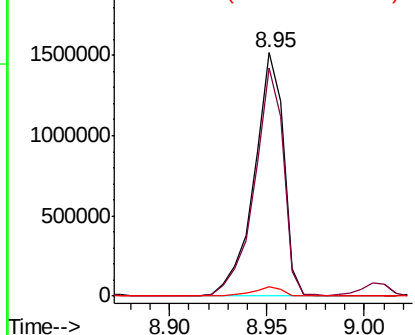


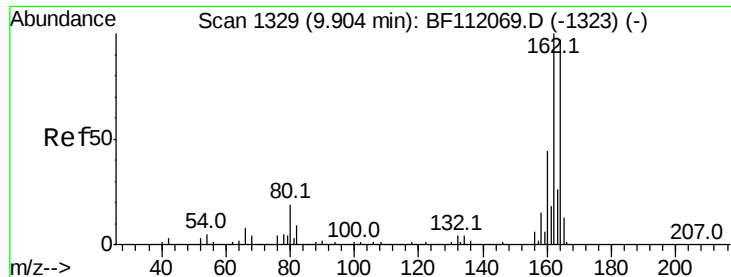
#38
1-Methylnaphthalene
Concen: 42.482 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:142 Resp: 1575734
Ion Ratio Lower Upper
142 100
141 93.6 72.6 108.8
116 4.0 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





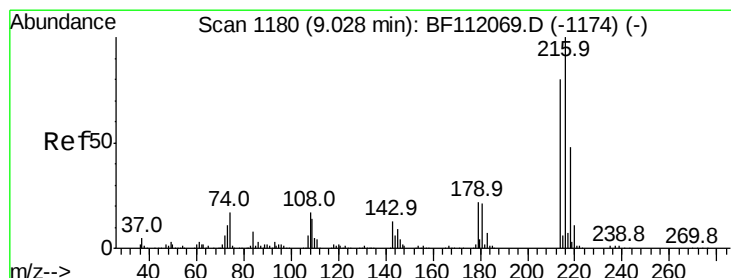
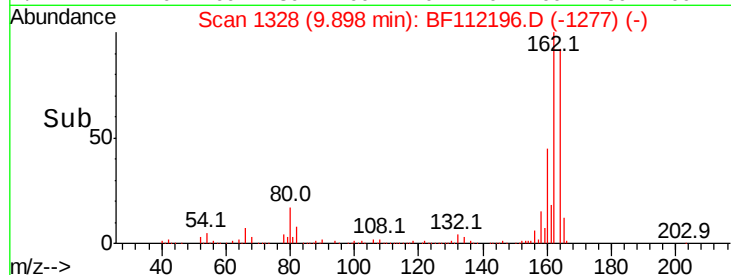
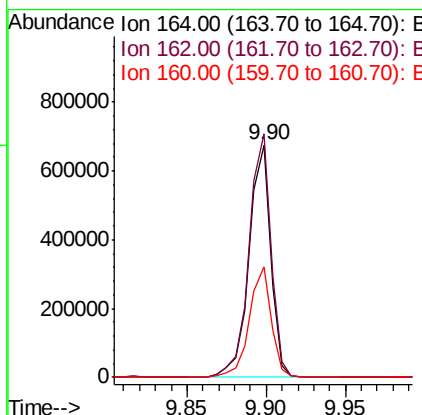
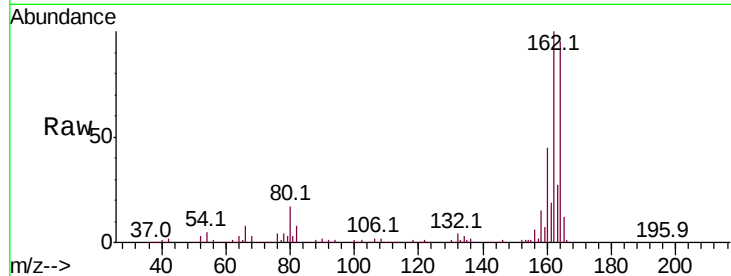
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB116569BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.4
160	47.4	36.2	54.4

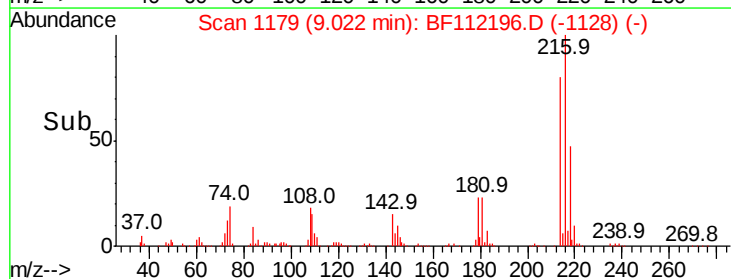
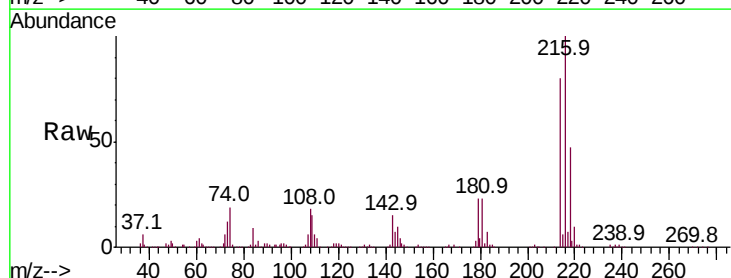
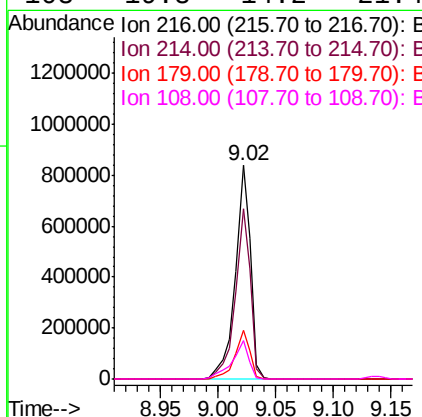
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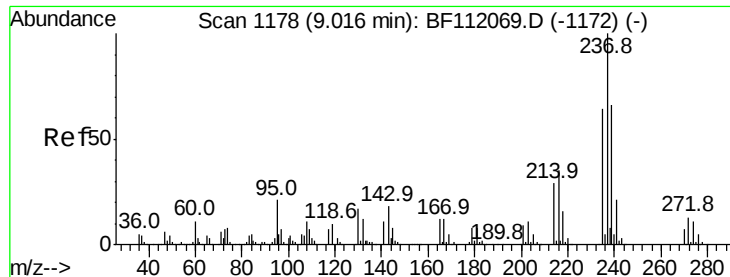
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.083 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.6
179	22.1	16.9	25.3
108	19.8	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 76.656 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

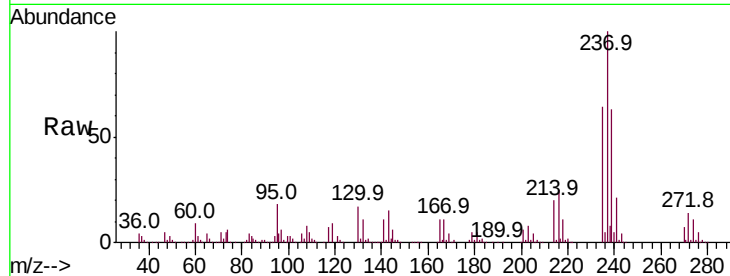
ClientSampleId :

PB116569BS

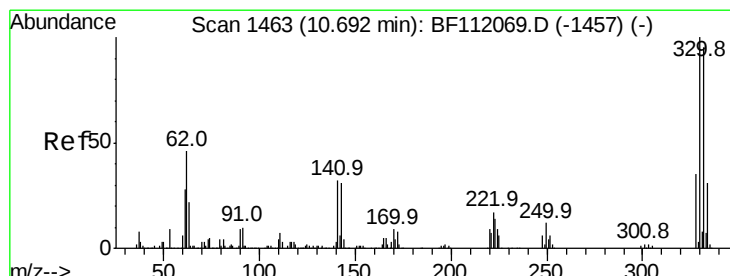
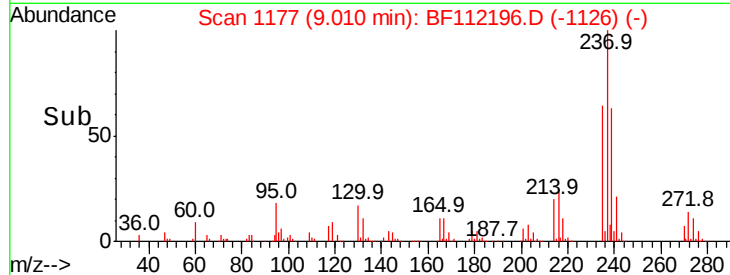
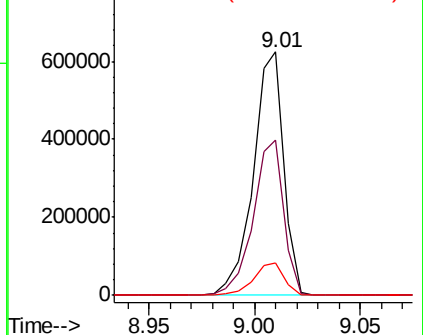
Tot Ion	Ratio	Resp	Lower	Upper
237	100	625895		
235	63.7	44.0	84.0	
272	13.5	0.0	33.3	

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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: 137.261 ng

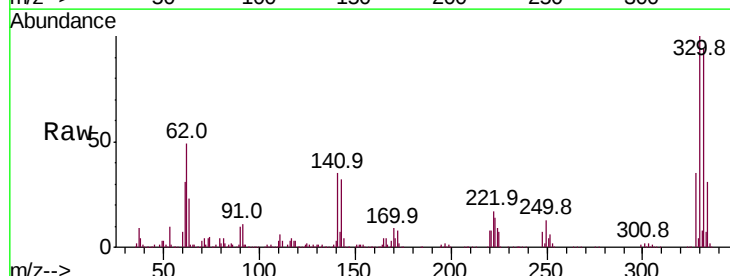
RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

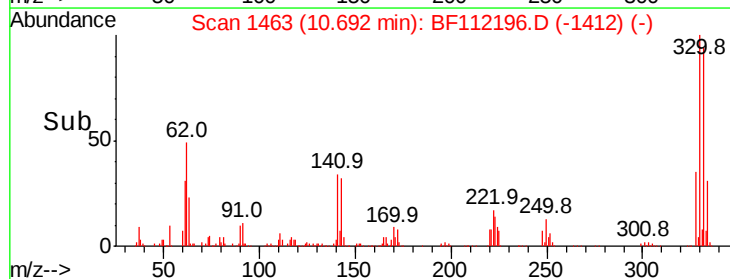
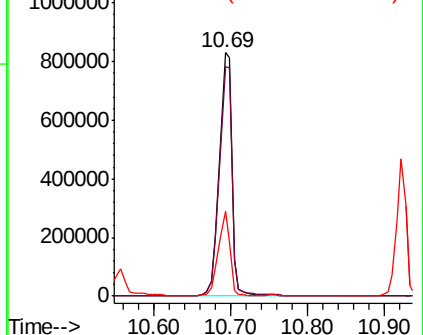
Lab File: BF112196.D

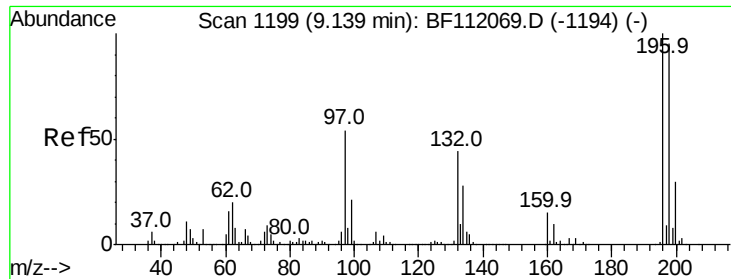
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	946825		
332	95.3	76.6	114.8	
141	31.5	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





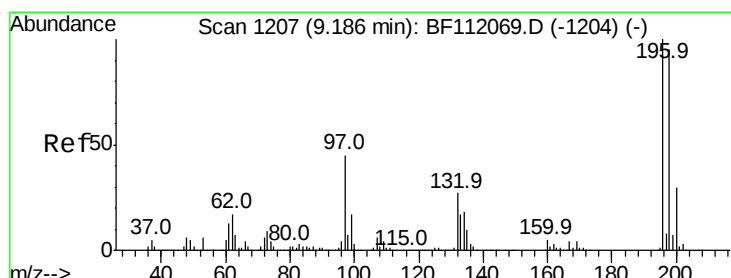
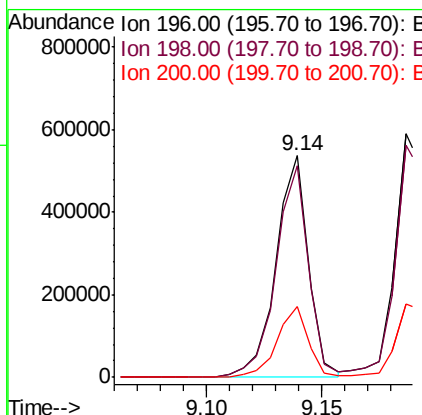
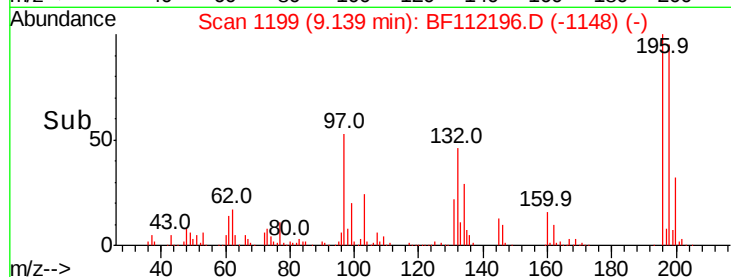
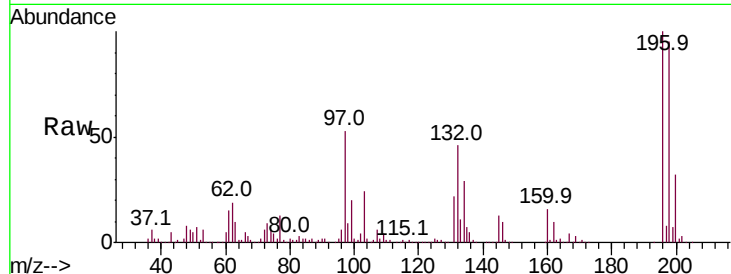
#43
 2,4,6-Trichlorophenol
 Concen: 42.421 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB116569BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	521072		
198	95.4	76.2	114.4	
200	31.7	24.3	36.5	

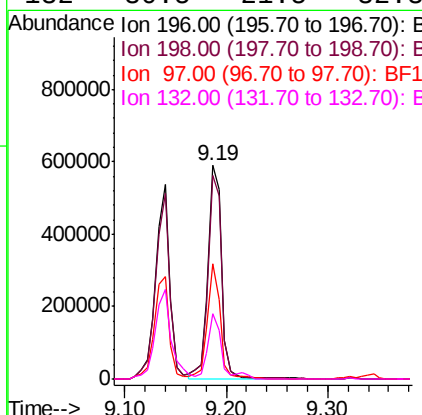
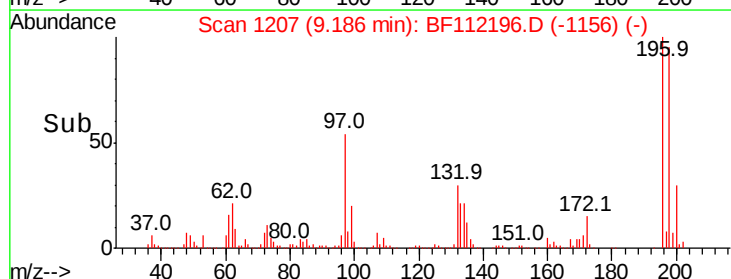
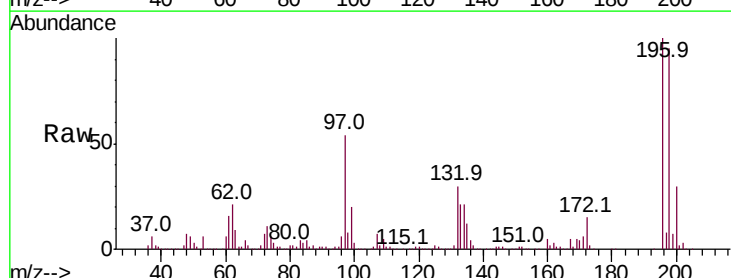
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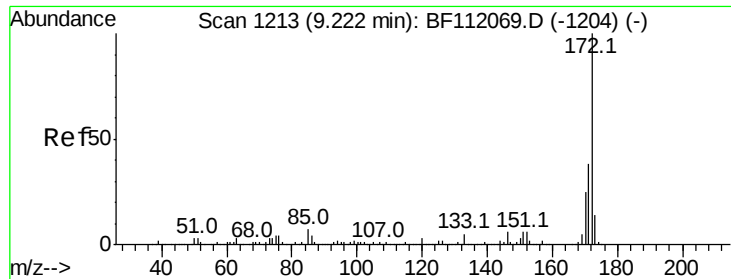
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#44
 2,4,5-Trichlorophenol
 Concen: 41.953 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	548841		
198	95.3	76.0	114.0	
97	54.1	36.4	54.6	
132	30.5	21.5	32.3	





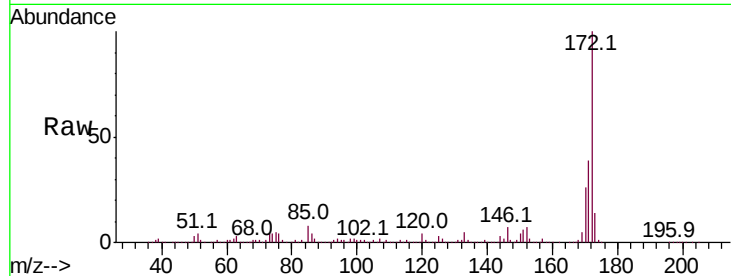
#45
2-Fluorobiphenyl
Concen: 73.860 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

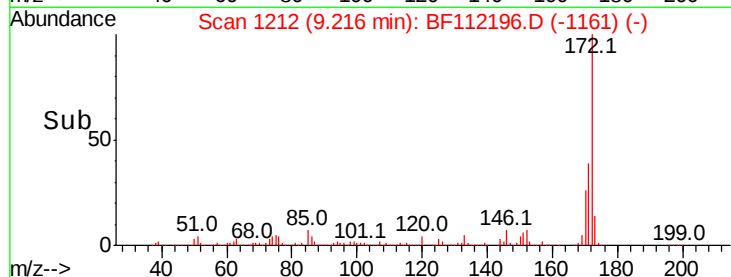
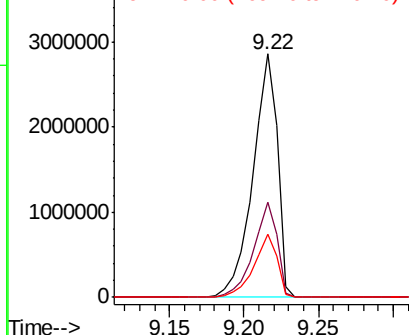
Tot Ion:172 Resp: 3221306
Ion Ratio Lower Upper
172 100
171 39.2 30.5 45.7
170 26.1 20.2 30.4

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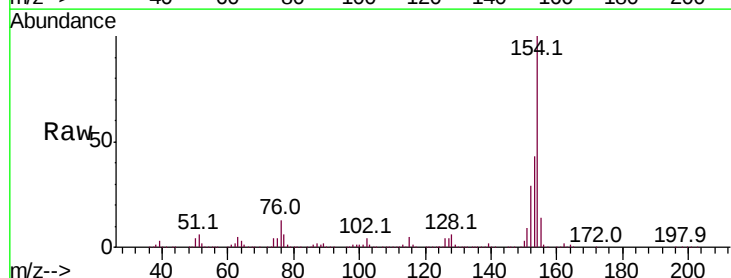
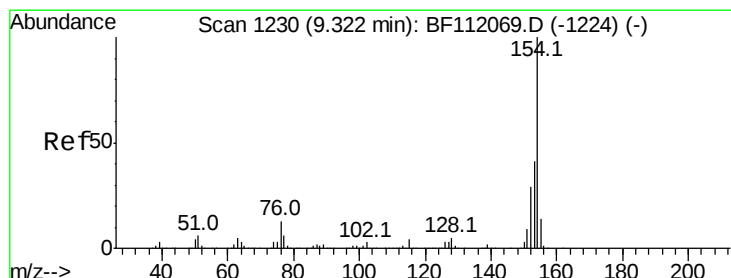
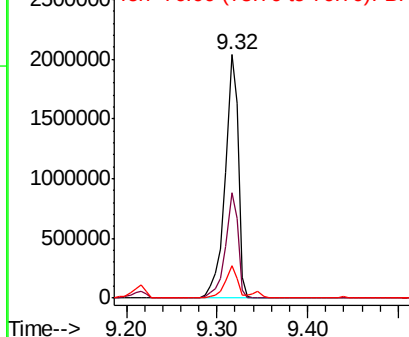
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

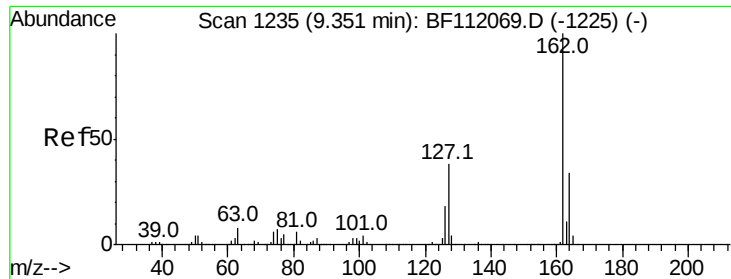


#46
1,1'-Biphenyl
Concen: 37.388 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:154 Resp: 1999046
Ion Ratio Lower Upper
154 100
153 43.3 21.5 61.5
76 13.1 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





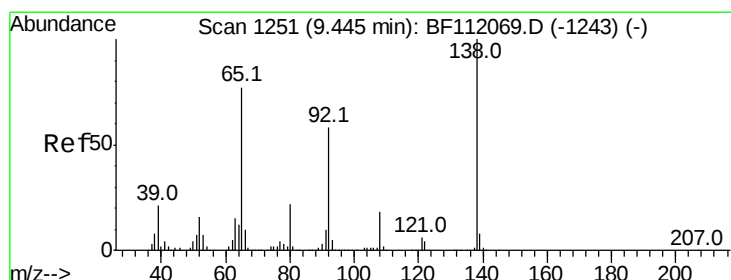
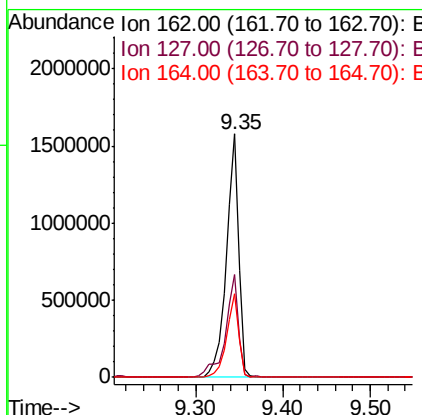
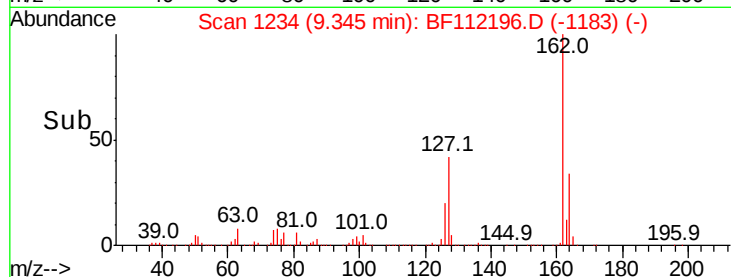
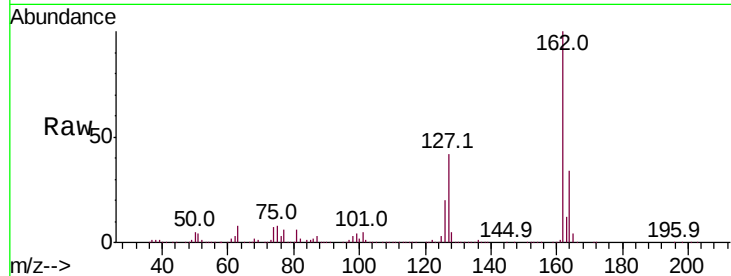
#47
 2-Chloronaphthalene
 Concen: 36.885 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB116569BS

Tot Ion:162	Resp: 1543697
Ion Ratio	Lower Upper
162 100	
127 42.4	30.4 45.6
164 34.4	27.4 41.2

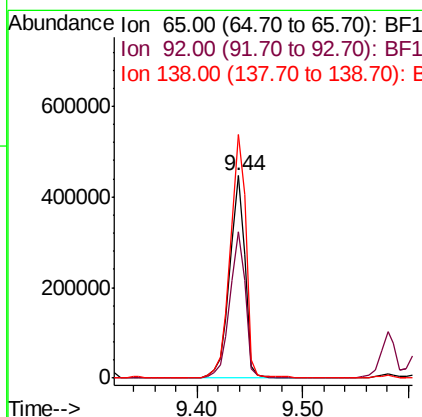
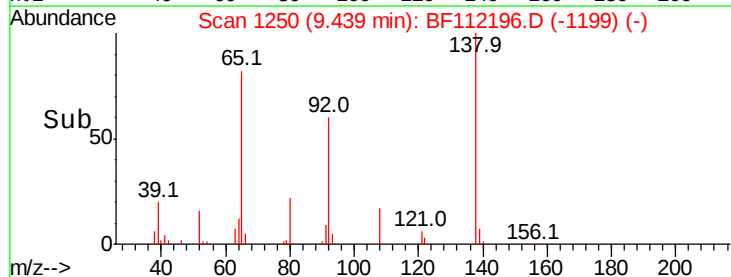
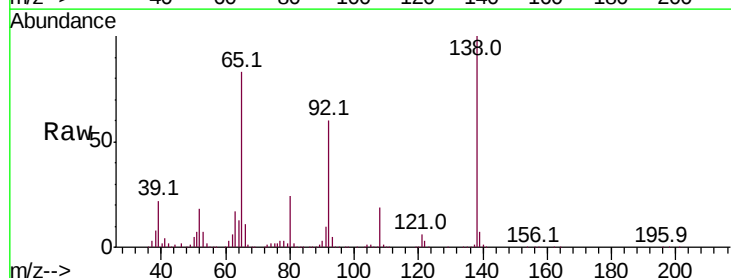
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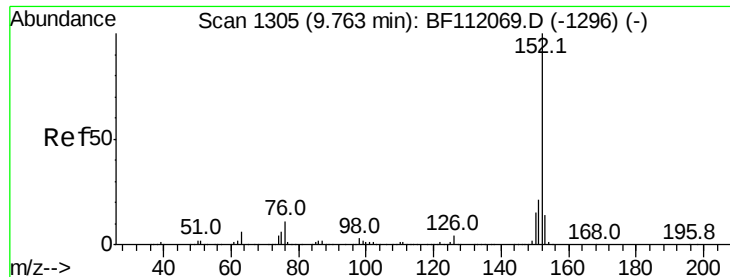
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#48
 2-Nitroaniline
 Concen: 47.644 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt	Ion: 65	Resp:	449133
Ion	Ratio	Lower	Upper
65	100		
92	72.3	60.4	90.6
138	120.2	104.4	156.6





#49

Acenaphthylene

Concen: 40.024 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion:152 Resp: 2444417

Ion Ratio Lower Upper

152 100

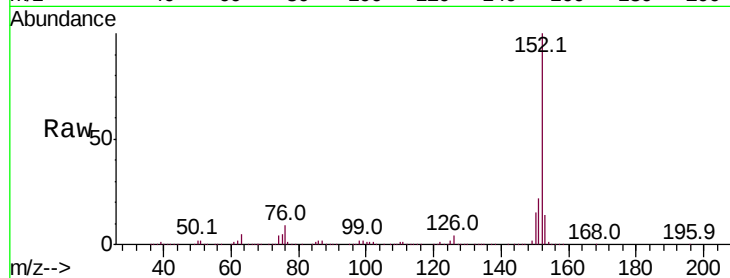
151 21.5 17.0 25.6

153 13.8 11.2 16.8

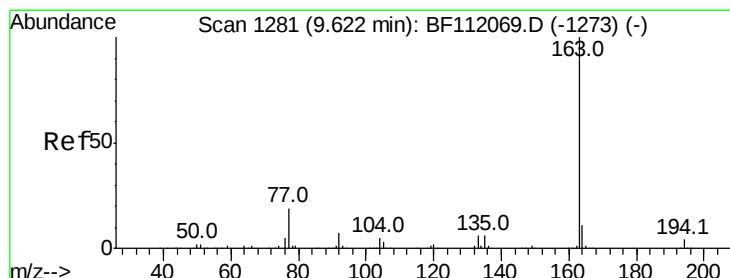
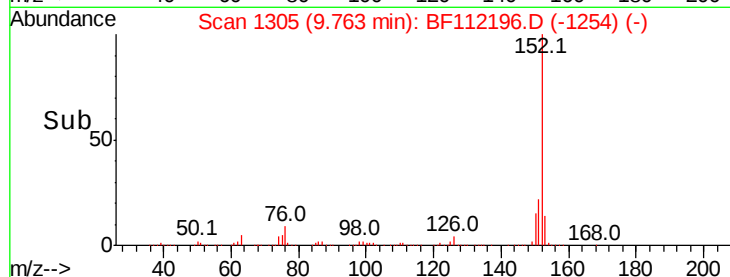
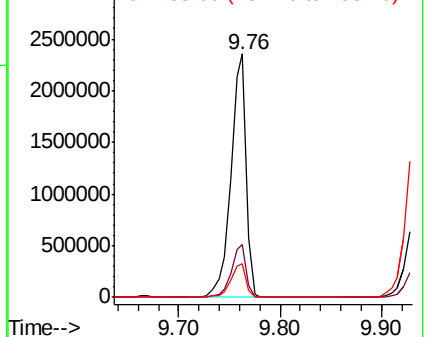
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.849 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

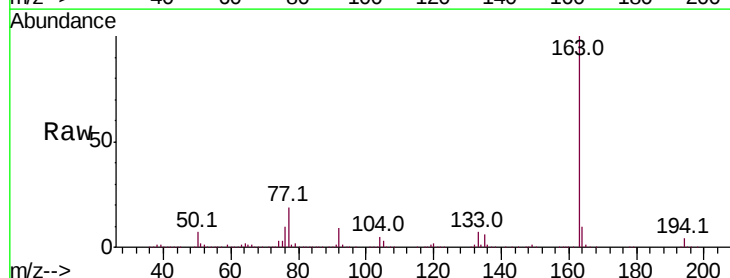
Tgt Ion:163 Resp: 1951485

Ion Ratio Lower Upper

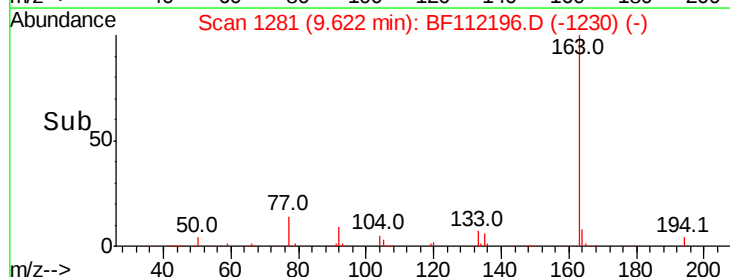
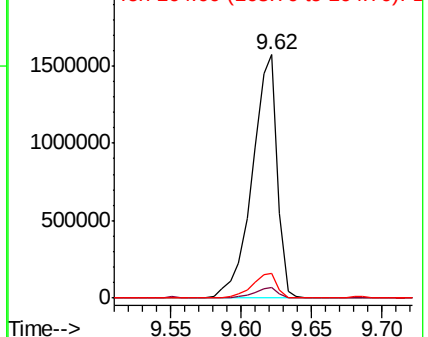
163 100

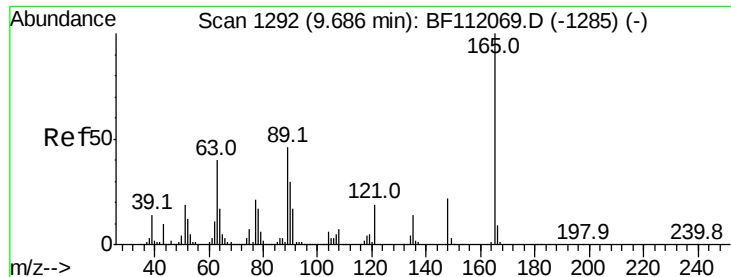
194 4.3 3.3 4.9

164 10.3 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





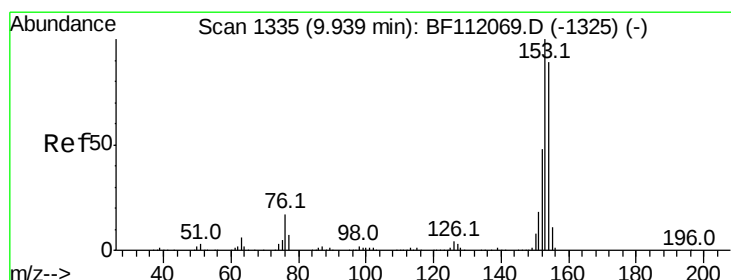
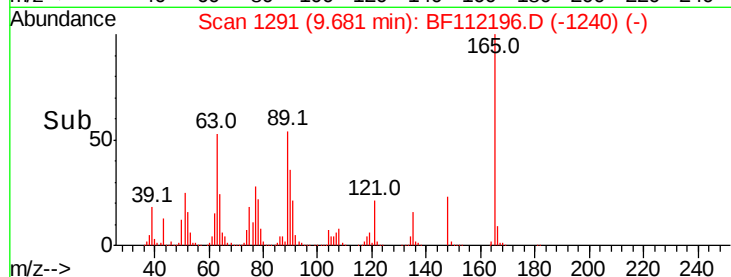
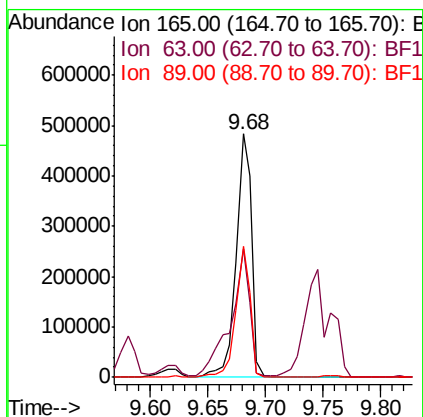
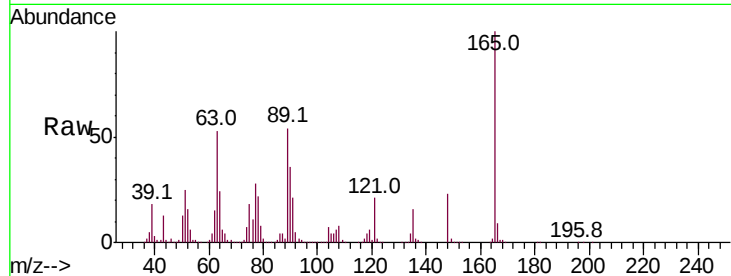
#51
2,6-Dinitrotoluene
Concen: 47.896 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	33.8	50.8#
89	54.0	36.9	55.3

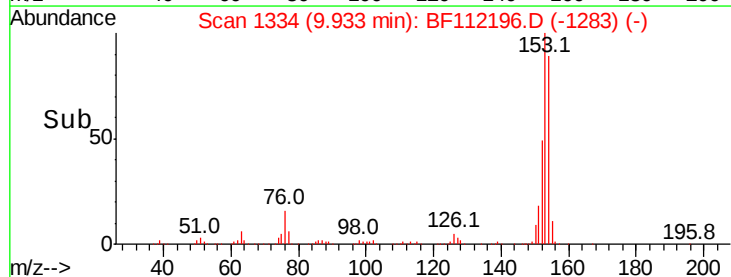
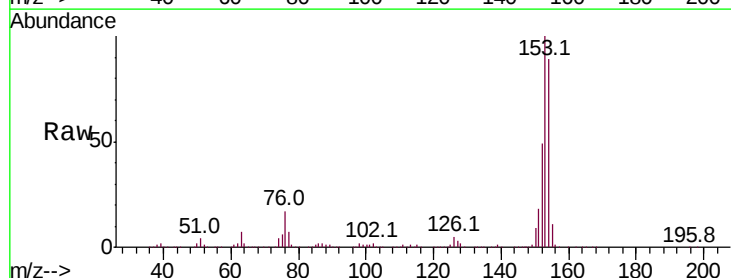
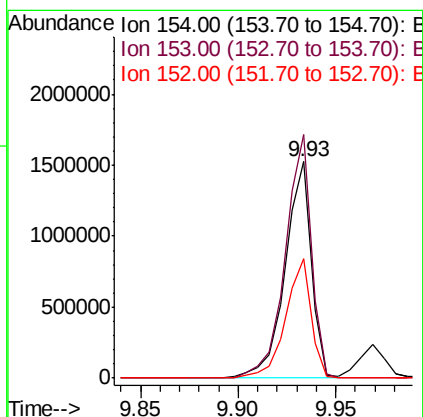
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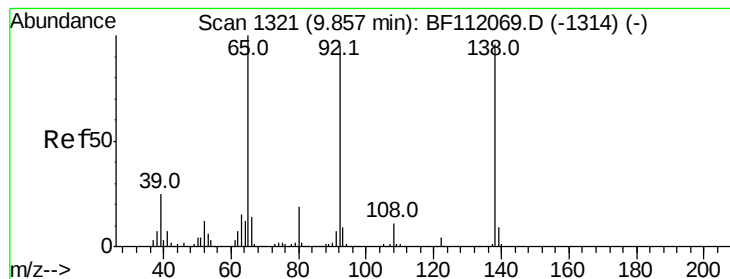
Sohil
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#52
Acenaphthene
Concen: 38.130 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.8	134.6
152	54.9	43.5	65.3





#53

3-Nitroaniline

Concen: 30.467 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

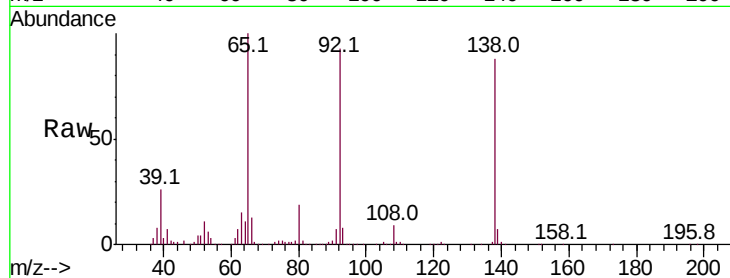
ClientSampleId :

PB116569BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	106.2	79.4	119.2

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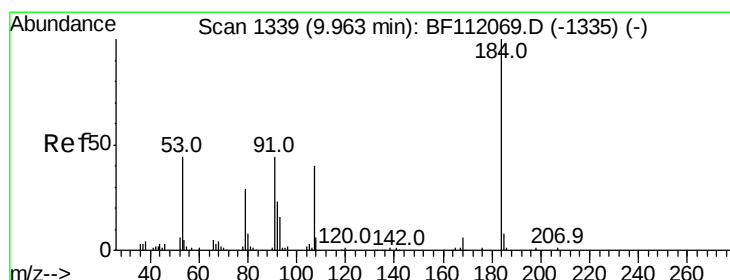
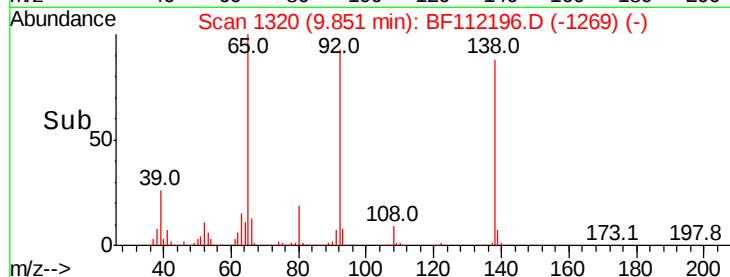
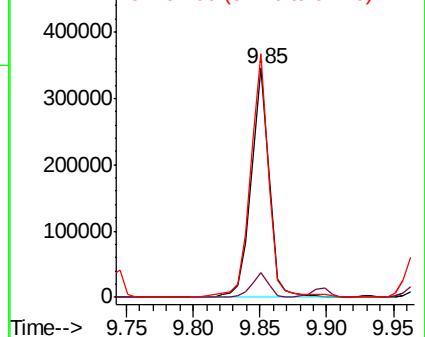


Abundance

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: 104.647 ng

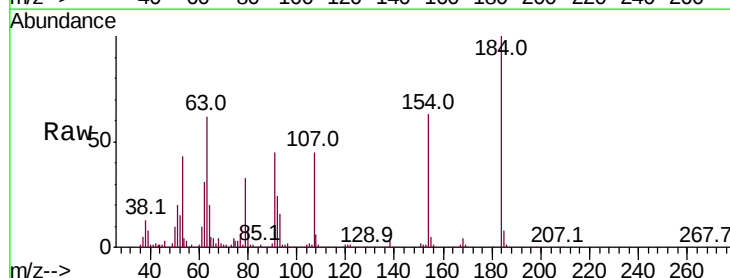
RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	47.1	70.7
154	63.4	48.9	73.3

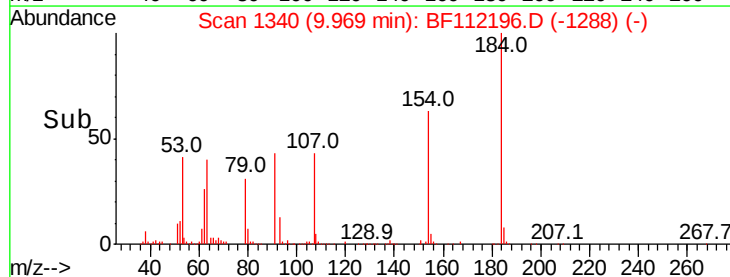
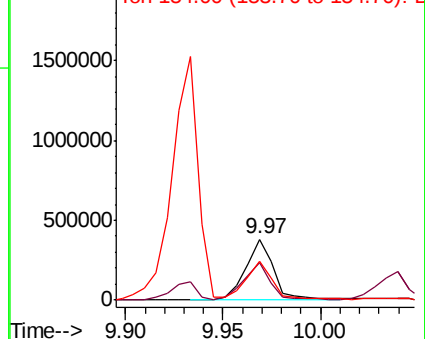


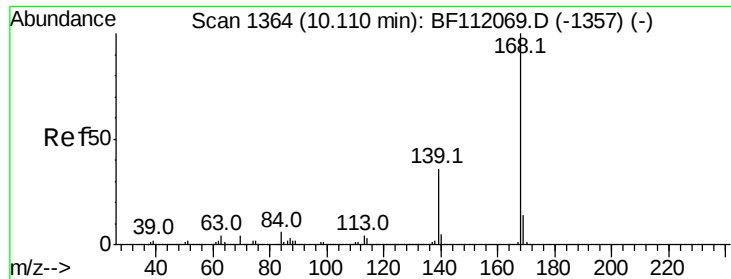
Abundance

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





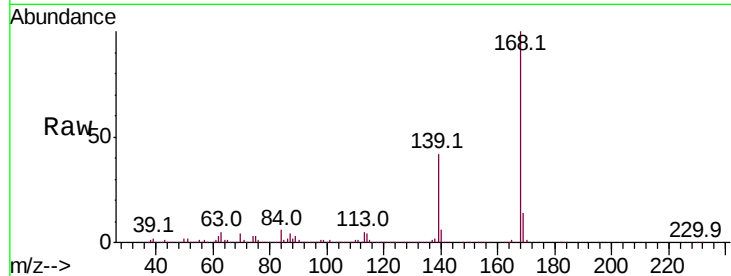
#55
Dibenzofuran
Concen: 37.855 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampled :
PB116569BS

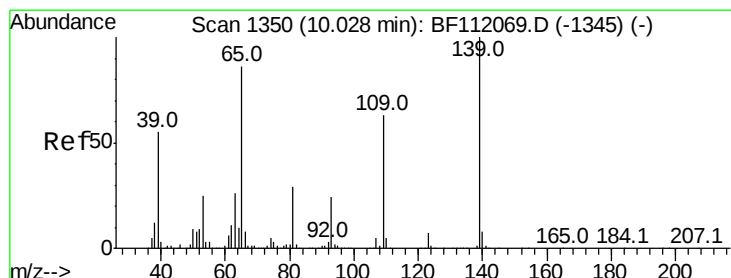
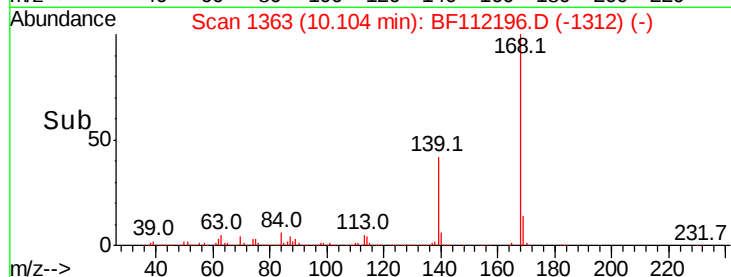
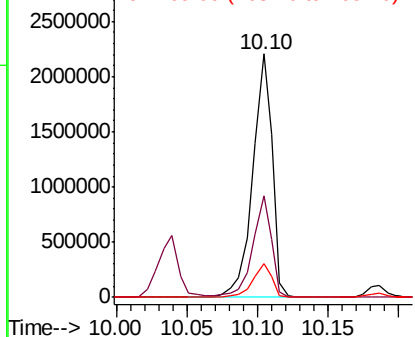
Tot Ion:168 Resp: 2139219
Ion Ratio Lower Upper
168 100
139 41.8 29.2 43.8
169 14.1 11.4 17.0

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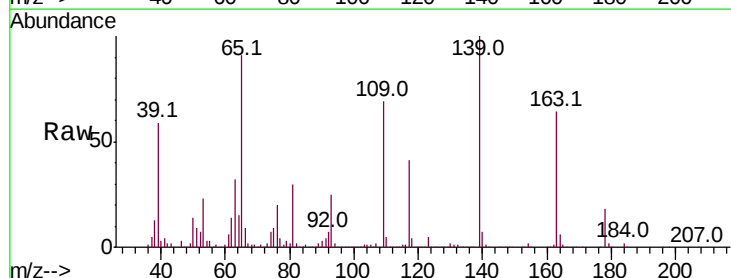


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

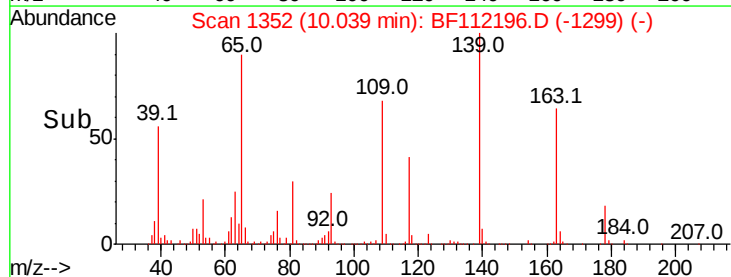
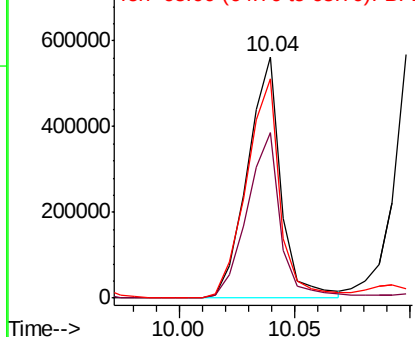


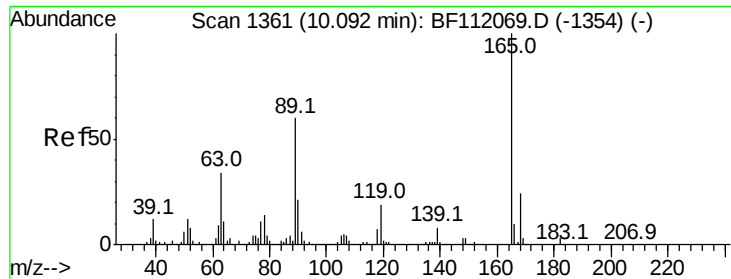
#56
4-Nitrophenol
Concen: 76.849 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:139 Resp: 570210
Ion Ratio Lower Upper
139 100
109 68.5 42.8 82.8
65 90.9 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 47.320 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampled :

PB116569BS

Tot Ion:165 Resp: 564828
Ion Ratio Lower Upper

165 100

63 44.3 27.9 41.9#

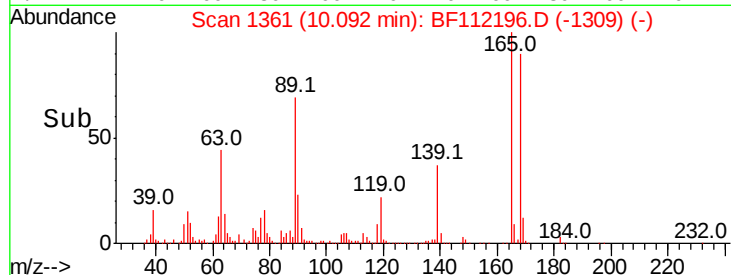
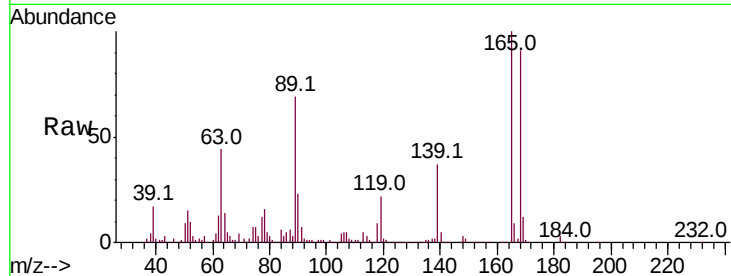
89 68.8 47.9 71.9

182 2.8 2.2 3.4

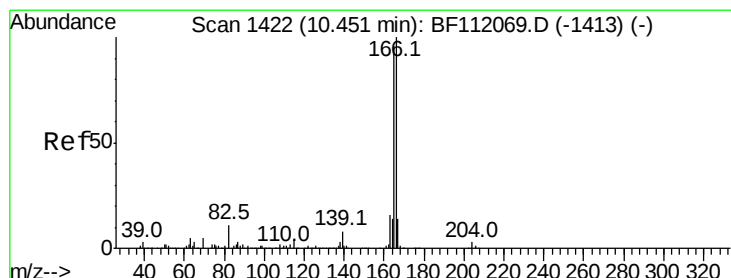
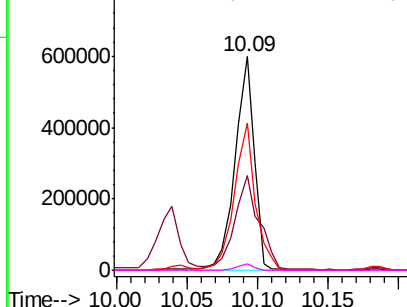
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.970 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF112196.D

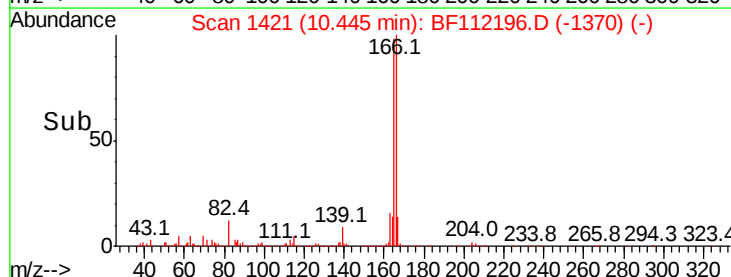
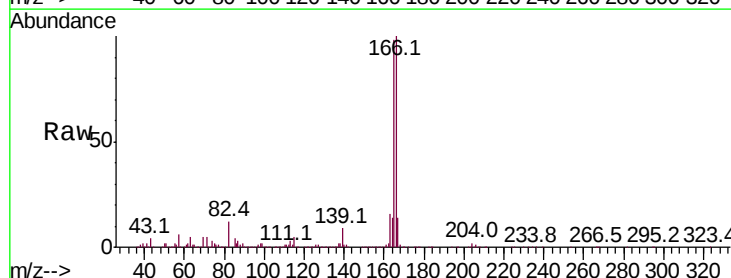
Acq: 23 Jan 2019 12:37

Tgt Ion:166 Resp: 1645367
Ion Ratio Lower Upper

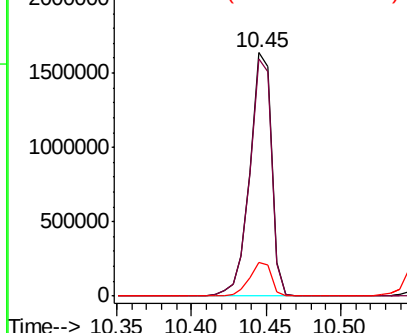
166 100

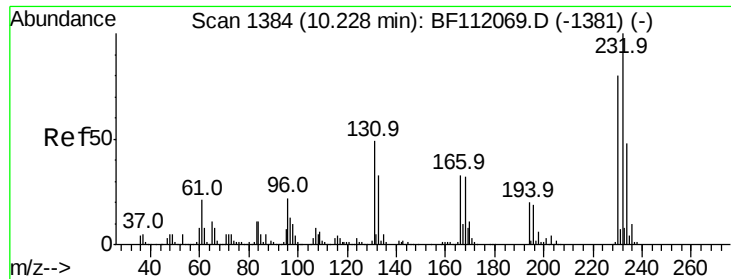
165 97.6 77.1 115.7

167 13.9 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





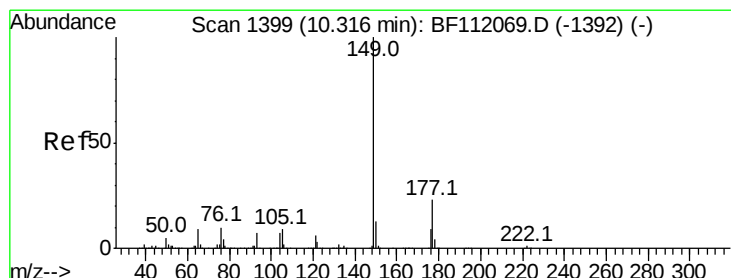
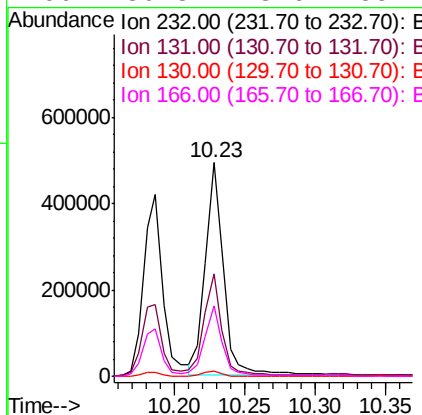
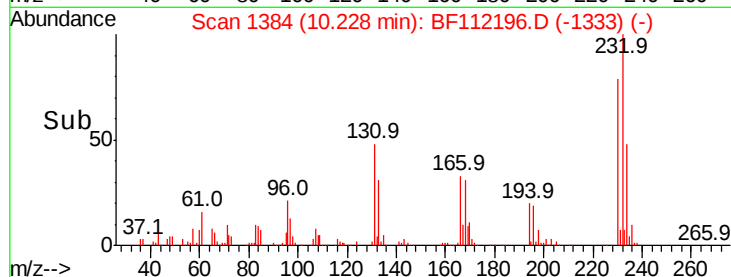
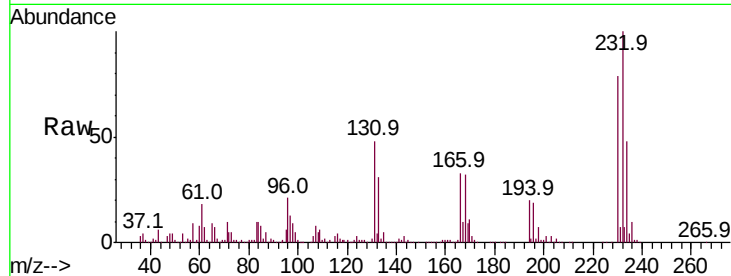
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.074 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.7	33.9	50.9
130	2.5	1.8	2.6
166	30.8	23.6	35.4

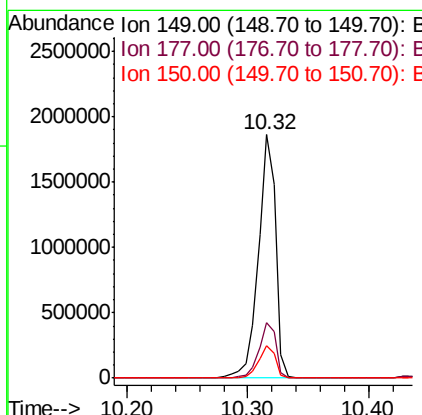
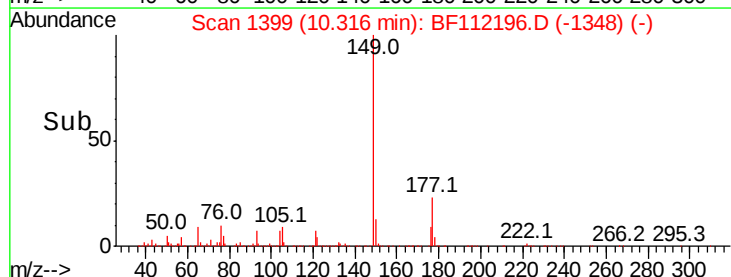
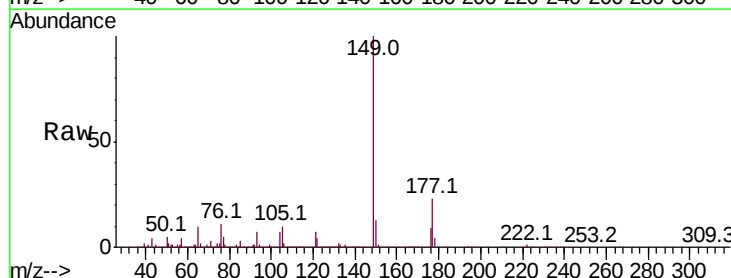
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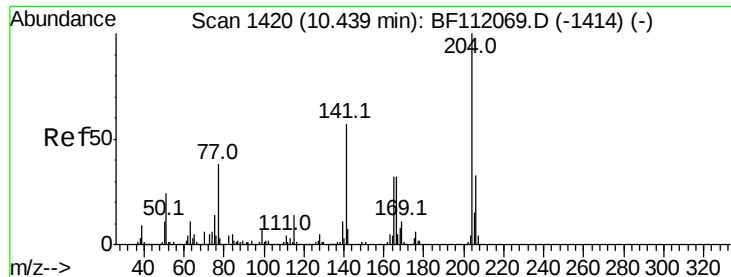
Sohil
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#60
Diethylphthalate
Concen: 40.783 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.2	27.2
150	13.4	10.4	15.6





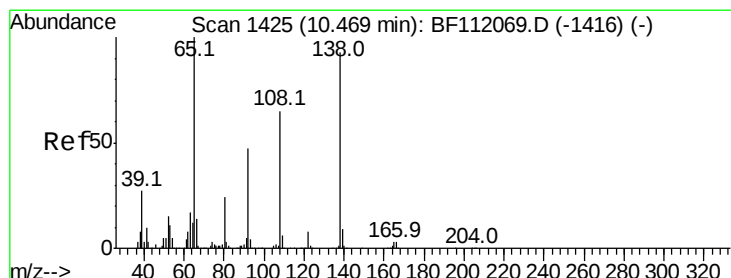
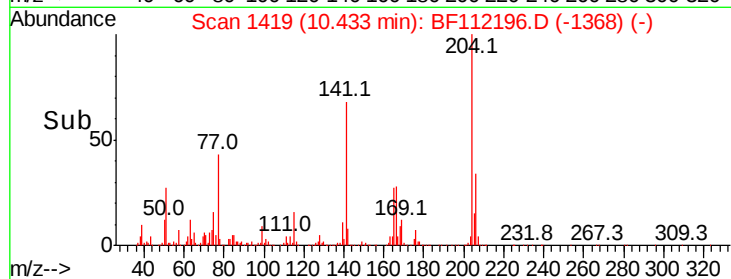
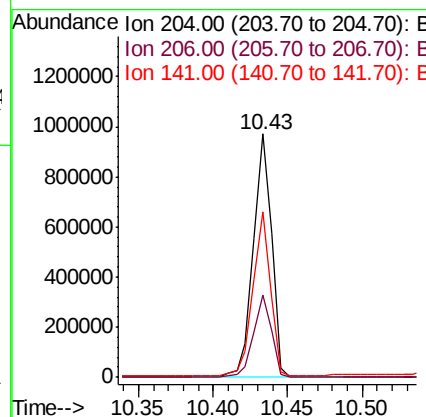
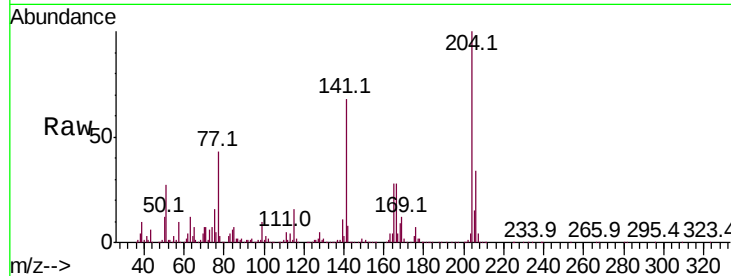
#61
4-Chlorophenyl-phenylether
Concen: 36.005 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	68.0	45.9	68.9

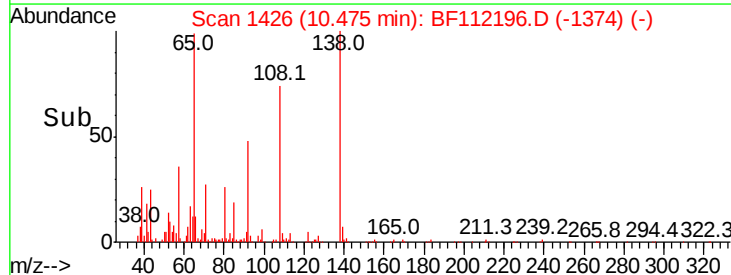
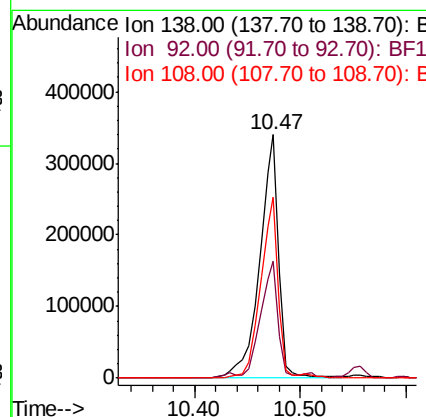
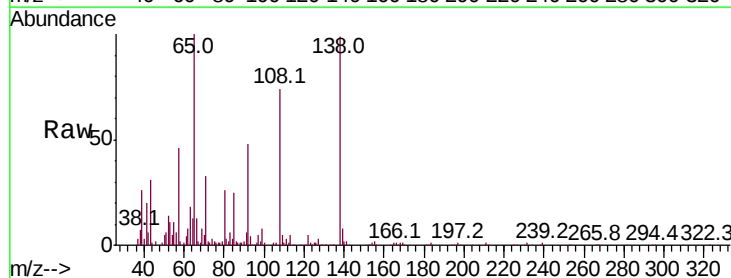
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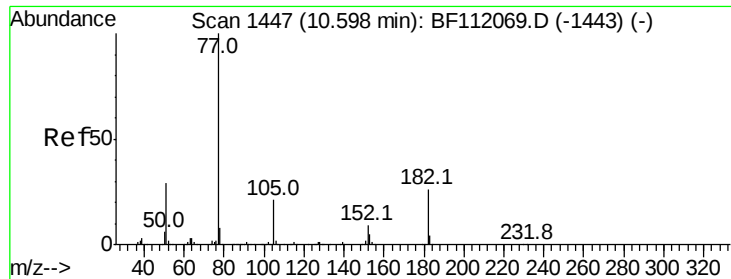
Sohil
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#62
4-Nitroaniline
Concen: 41.249 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	30.6	70.6
108	74.4	50.0	90.0





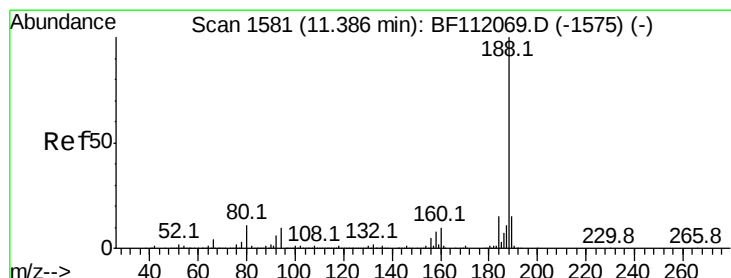
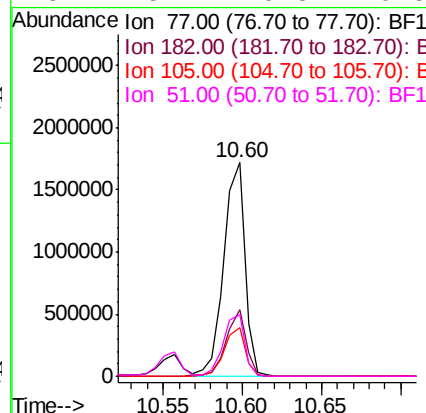
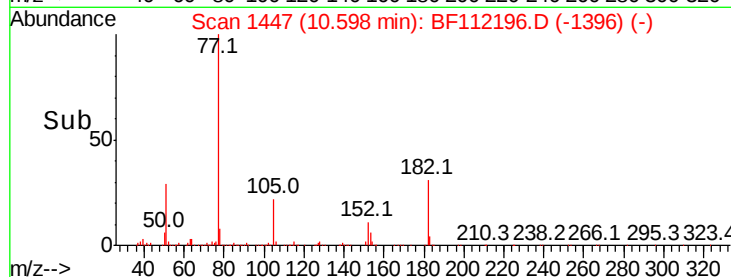
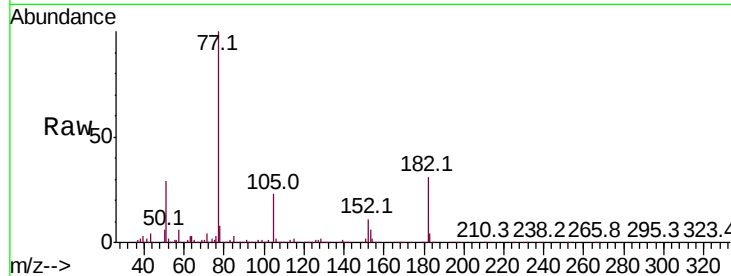
#63
Azobenzene
Concen: 36.444 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	77	Resp	1588653
Ion	Ratio	Lower	Upper
77	100		
182	31.0	5.7	45.7
105	23.0	1.4	41.4
51	28.7	9.5	49.5

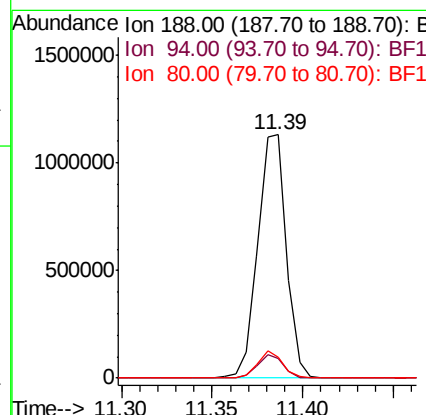
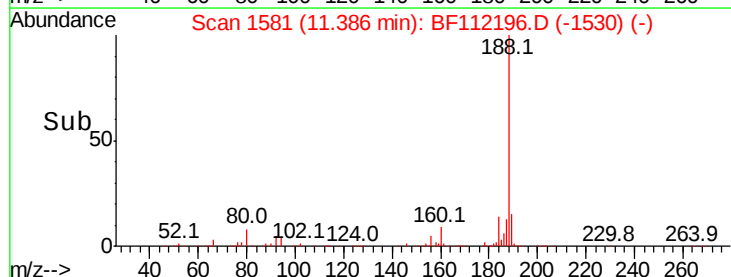
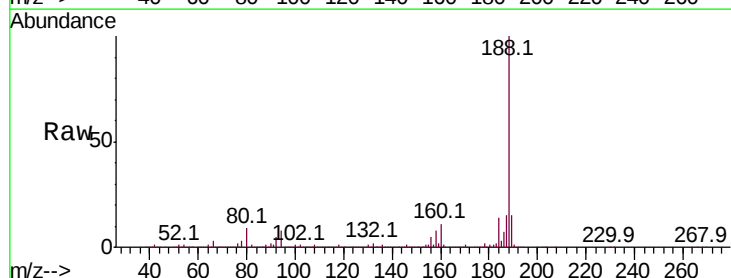
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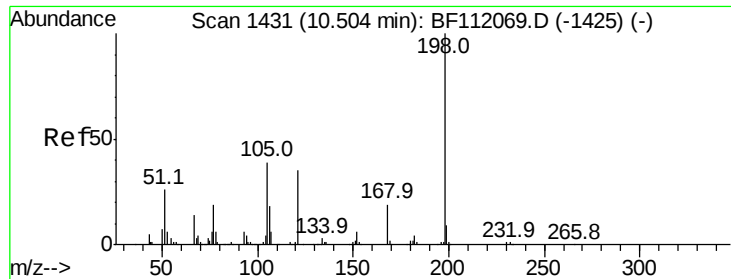
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	188	Resp	1239629
Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.9	13.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 48.277 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

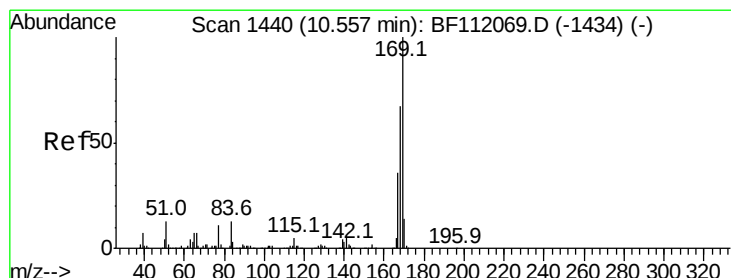
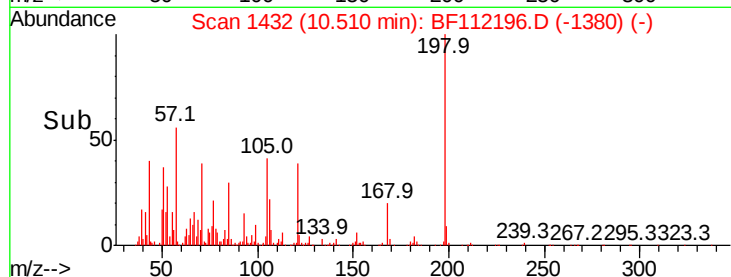
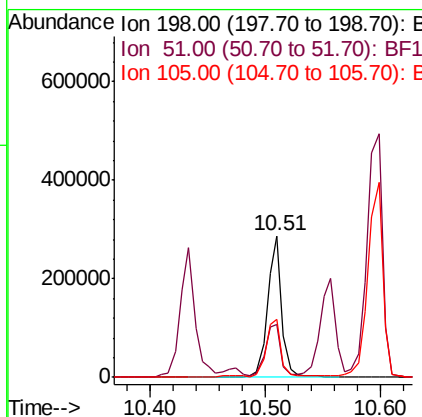
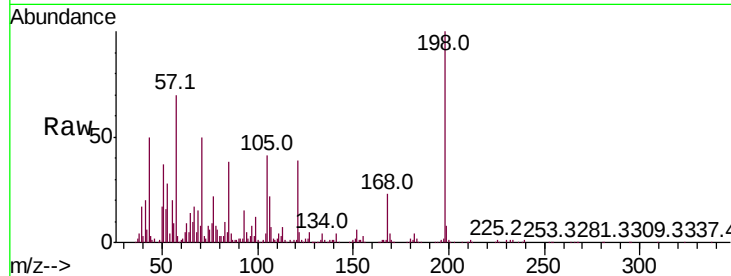
ClientSampleId :

PB116569BS

Tot Ion:	198	Resp:	249982
Ion Ratio	Lower	Upper	
198	100		
51	36.9	17.2	57.2
105	40.7	21.9	61.9

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#66

n-Nitrosodiphenylamine

Concen: 37.095 ng

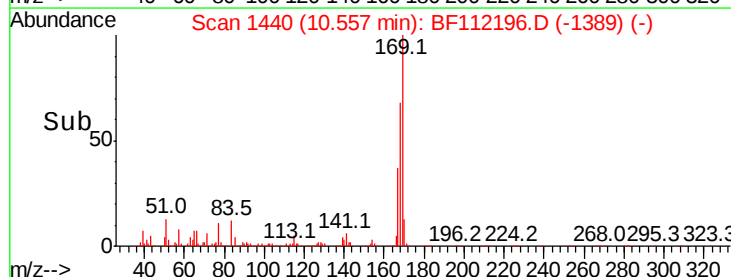
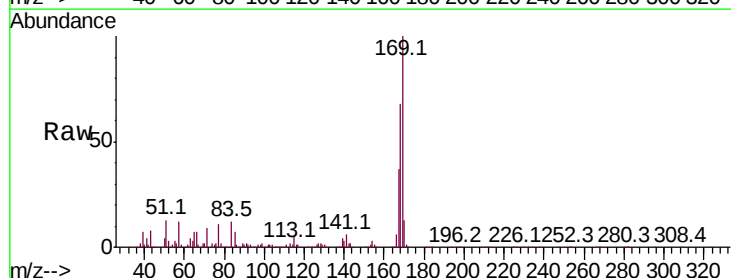
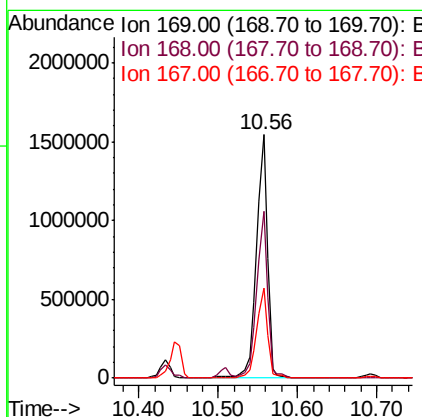
RT: 10.56 min Scan# 1440

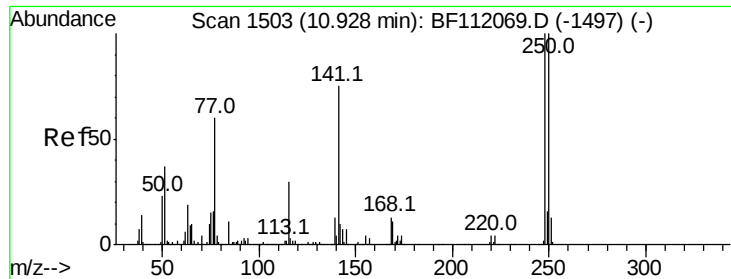
Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion:	169	Resp:	1520194
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.9	80.9
167	37.0	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 37.827 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

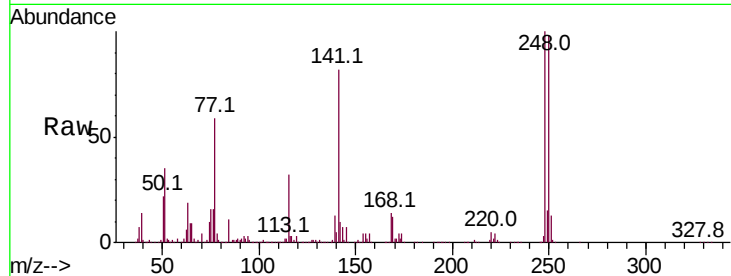
ClientSampleId :

PB116569BS

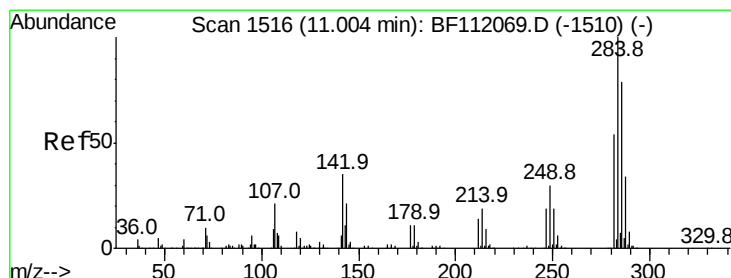
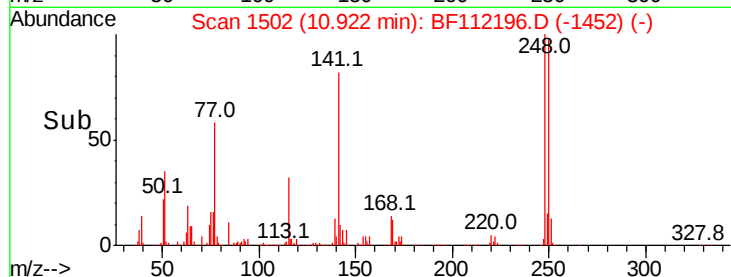
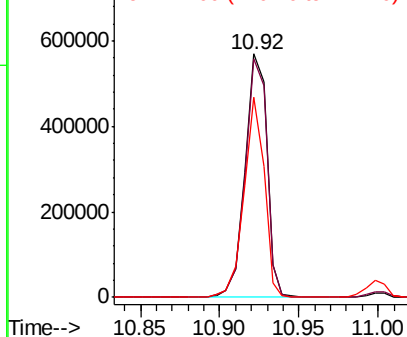
Tot Ion:	248	Resp:	544663
Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	81.9	60.3	90.5

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



#68

Hexachlorobenzene

Concen: 37.047 ng

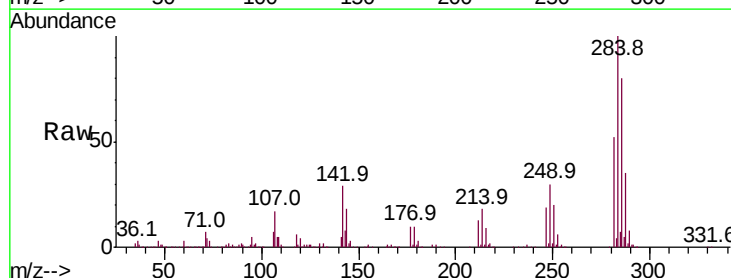
RT: 11.00 min Scan# 1516

Delta R.T. 0.00 min

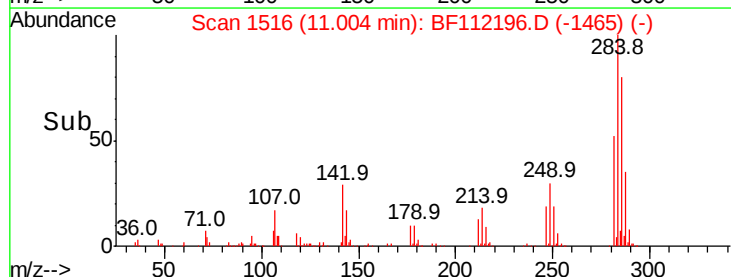
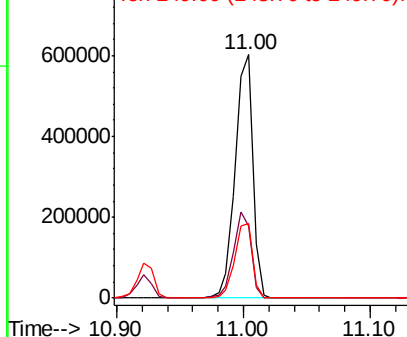
Lab File: BF112196.D

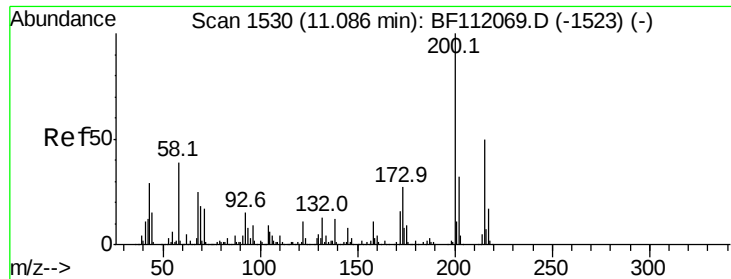
Acq: 23 Jan 2019 12:37

Tgt Ion:	284	Resp:	574622
Ion	Ratio	Lower	Upper
284	100		
142	29.4	27.6	41.4
249	30.4	24.1	36.1



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





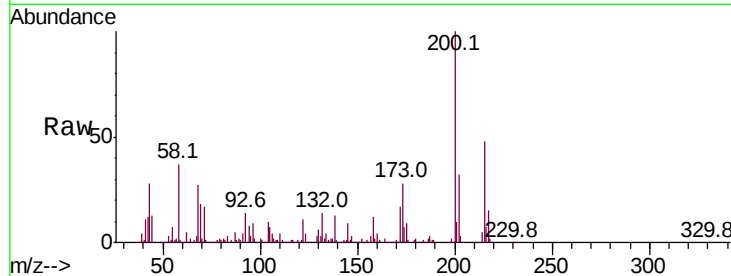
#69
Atrazine
Concen: 37.578 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	7.1	47.1	
215	47.6	30.4	70.4	

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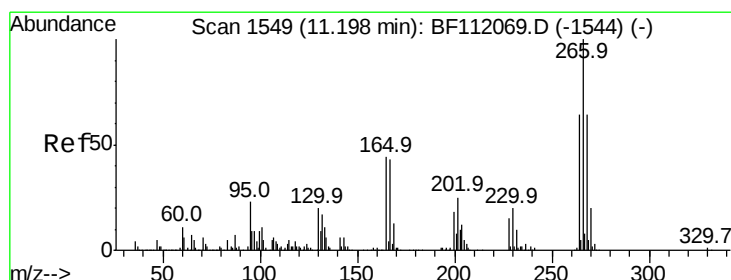
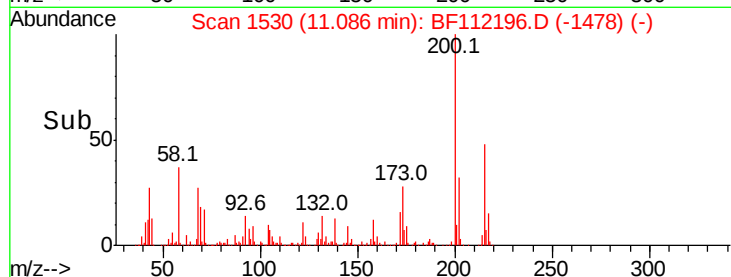
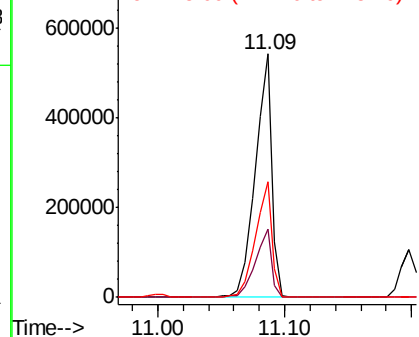


Abundance

Ion 200.00 (199.70 to 200.70): E

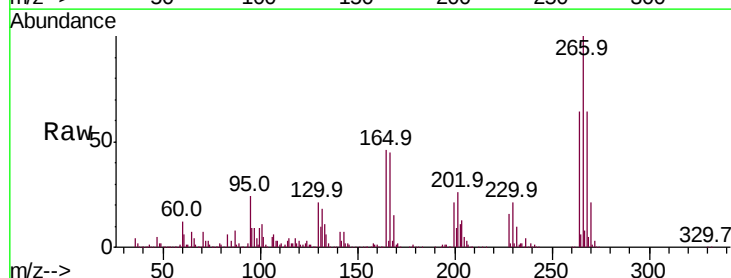
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.759 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.0	51.2	76.8	
264	63.9	50.9	76.3	

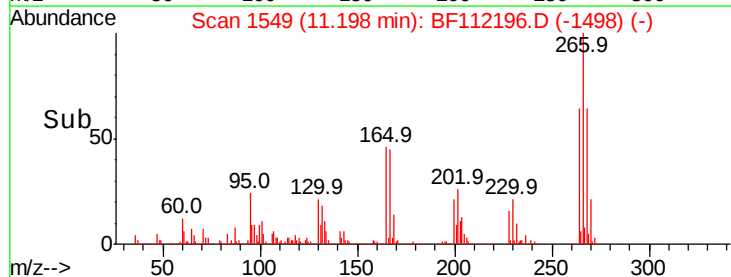
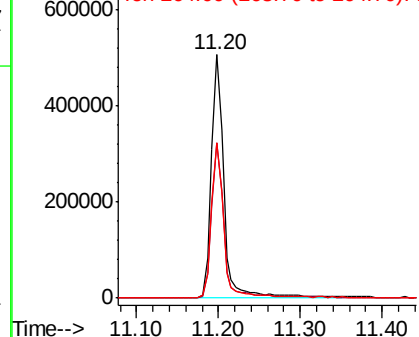


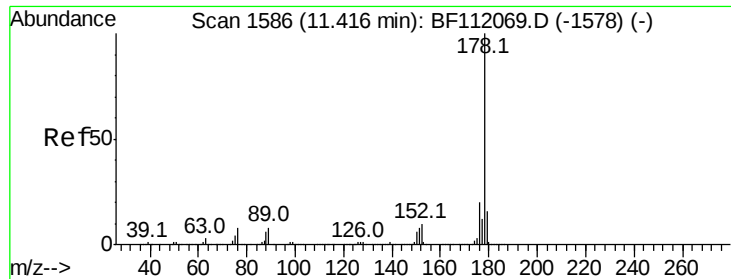
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.793 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion:178 Resp: 2420116

Ion Ratio Lower Upper

178 100

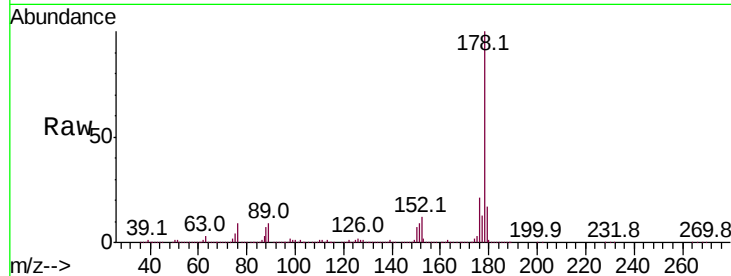
176 20.9 16.3 24.5

179 16.7 13.0 19.4

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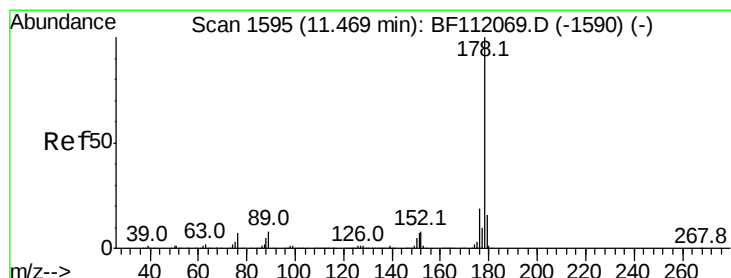
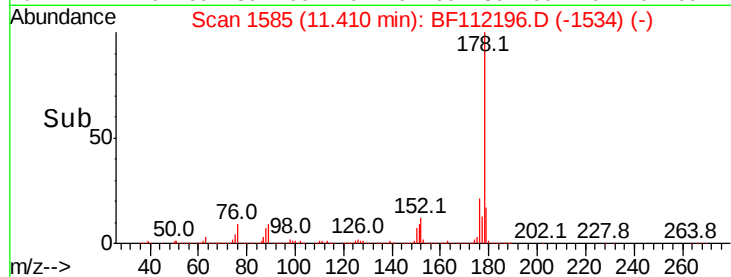
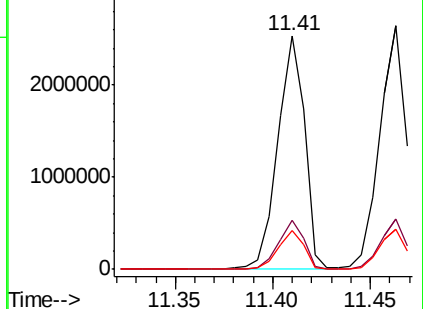
1/24/2019 11:30:19 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.170 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion:178 Resp: 2475373

Ion Ratio Lower Upper

178 100

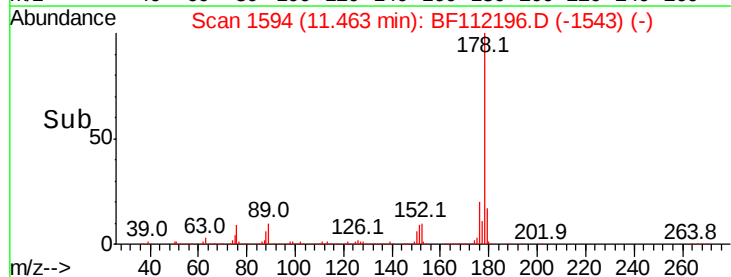
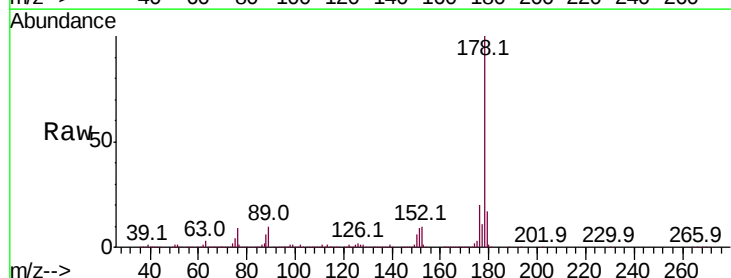
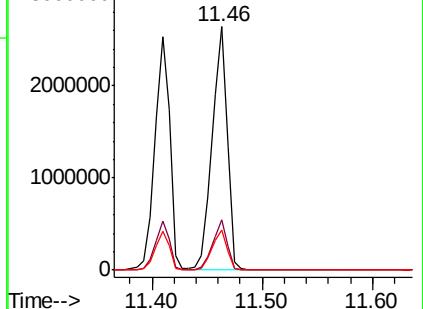
176 20.4 15.5 23.3

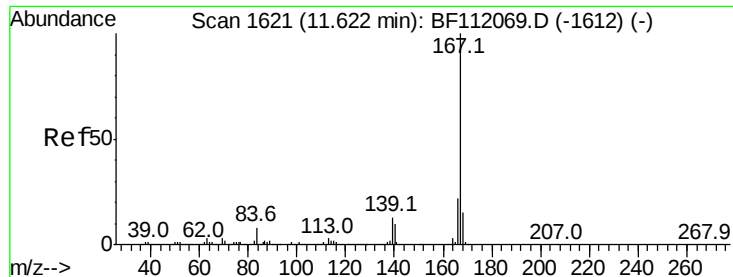
179 16.7 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 35.171 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion:167 Resp: 2226545

Ion Ratio Lower Upper

167 100

166 23.5 17.9 26.9

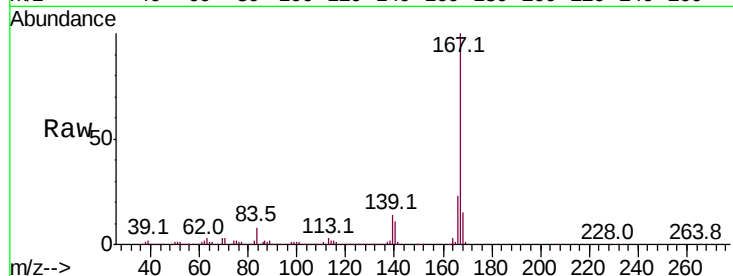
139 14.3 10.2 15.2

Manual Integrations

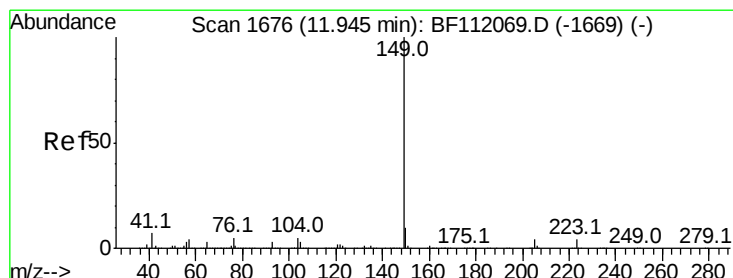
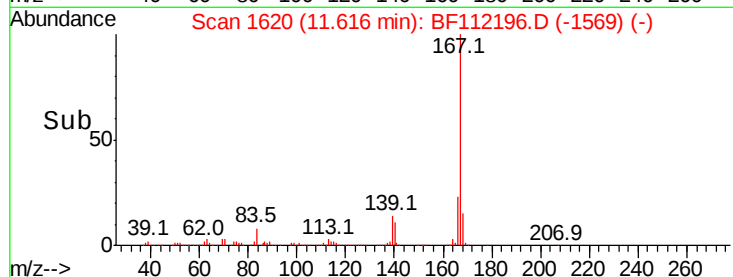
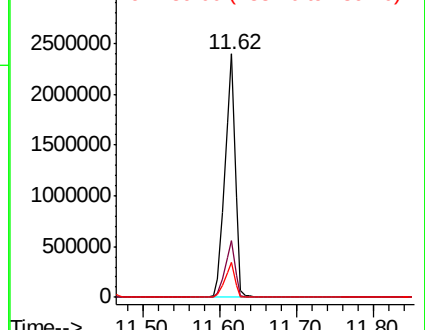
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Sohil

1/24/2019 11:30:19 AM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.508 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

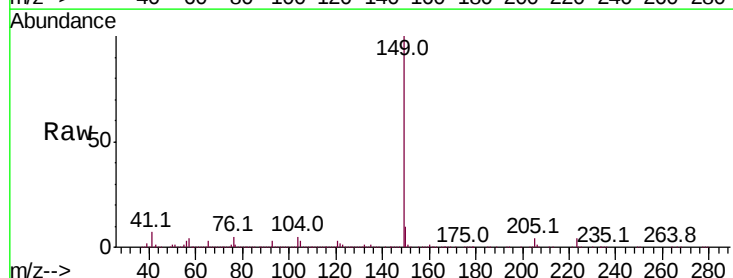
Tgt Ion:149 Resp: 2813459

Ion Ratio Lower Upper

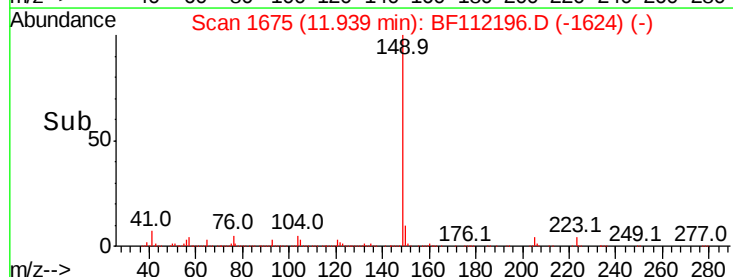
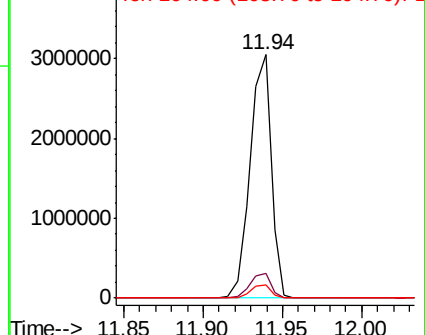
149 100

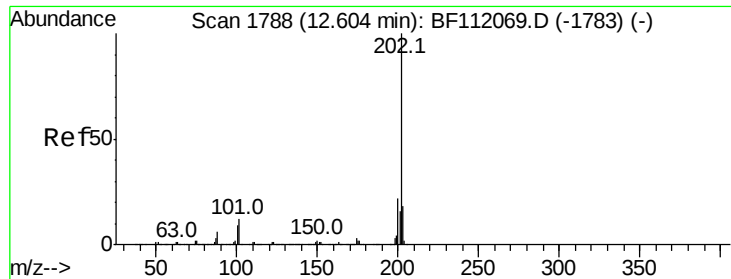
150 10.2 8.1 12.1

104 5.2 3.9 5.9



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





#75

Fluoranthene

Concen: 33.299 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

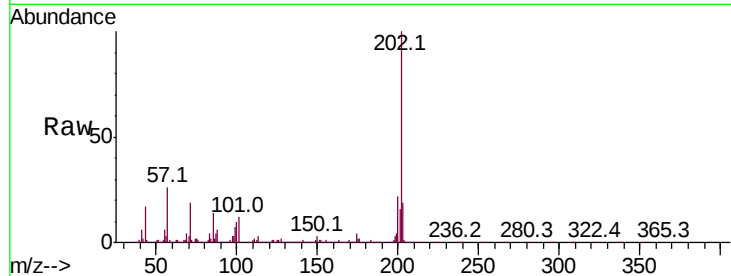
ClientSampled :

PB116569BS

Tot Ion:	202	Resp:	2193349
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.8
203	18.7	0.0	38.4

Manual Integrations
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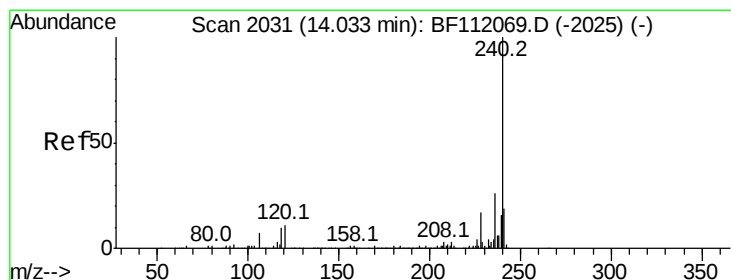
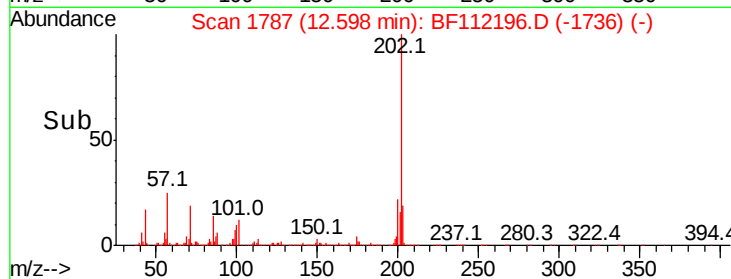
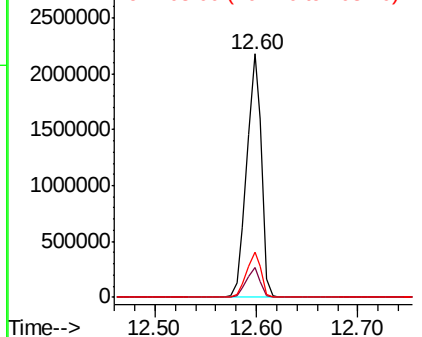


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

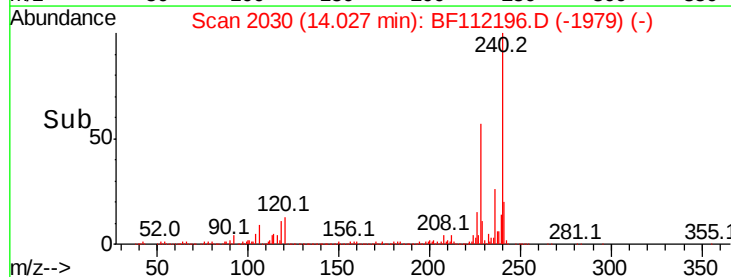
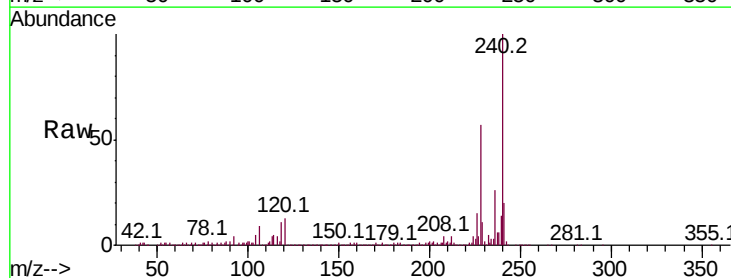
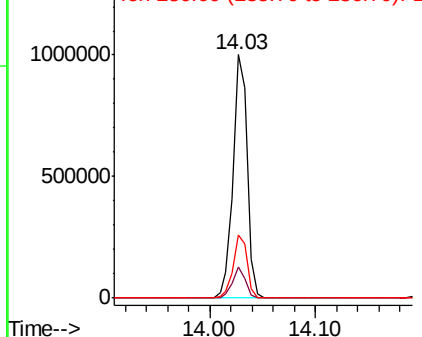
Tgt Ion:	240	Resp:	916946
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.0	13.6
236	25.9	20.7	31.1

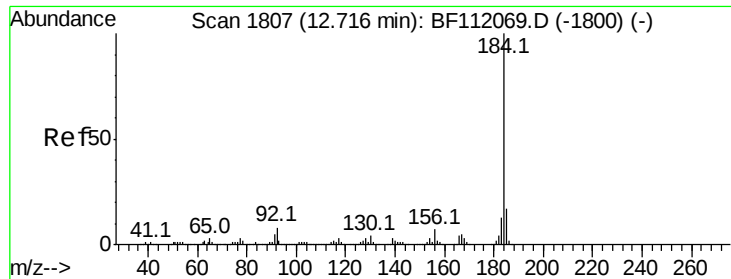
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





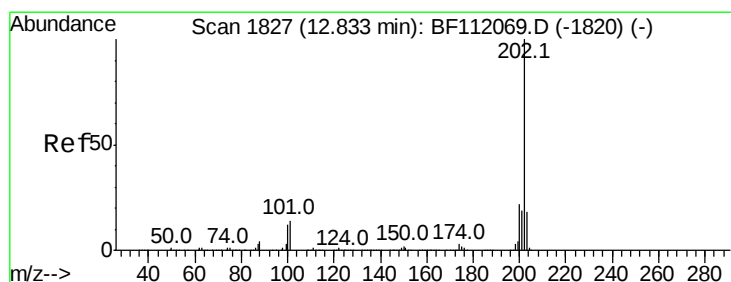
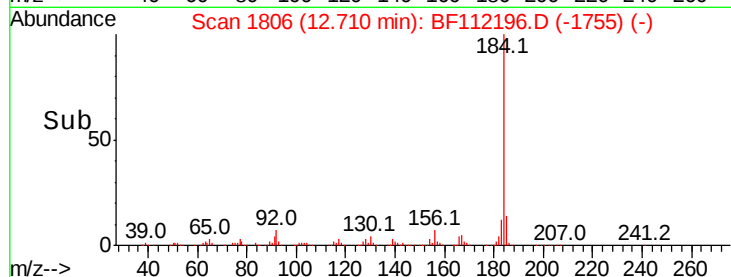
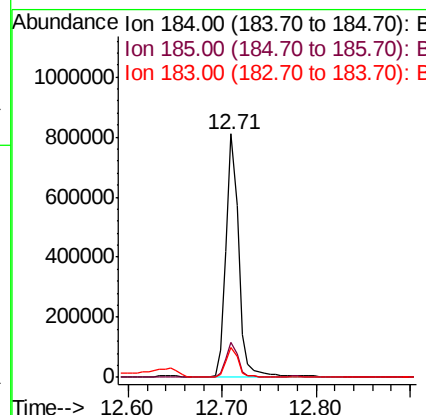
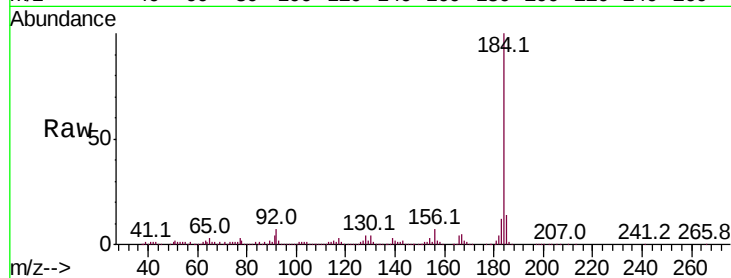
#77
Benzidine
Concen: 25.343 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampled :
PB116569BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.9	20.9
183	12.1	10.0	15.0

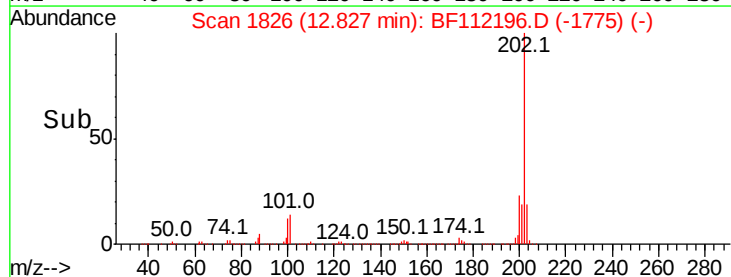
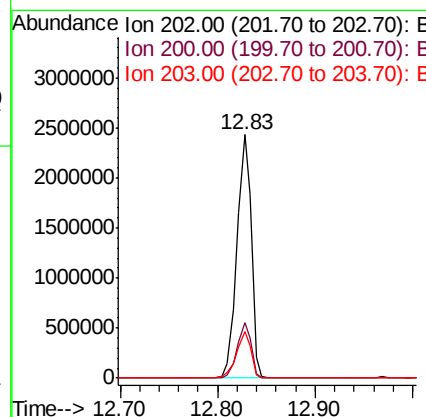
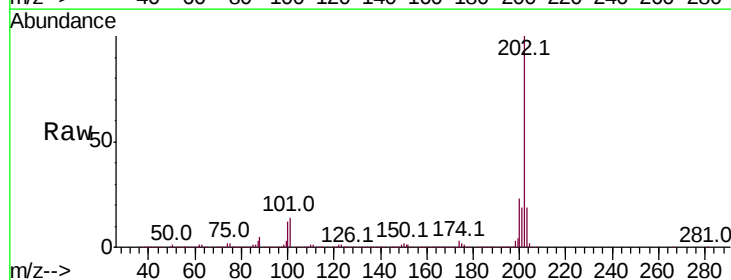
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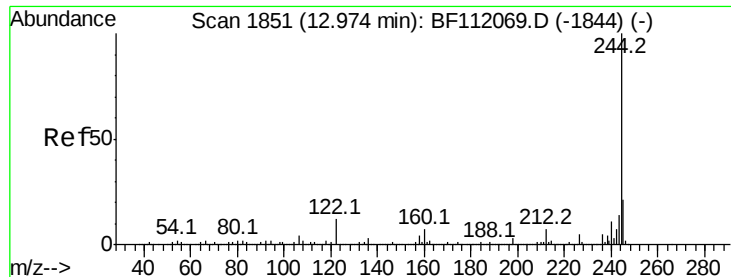
Sohil
1/24/2019 11:30:19 AM



#78
Pyrene
Concen: 41.014 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.7	26.5
203	19.1	14.6	22.0





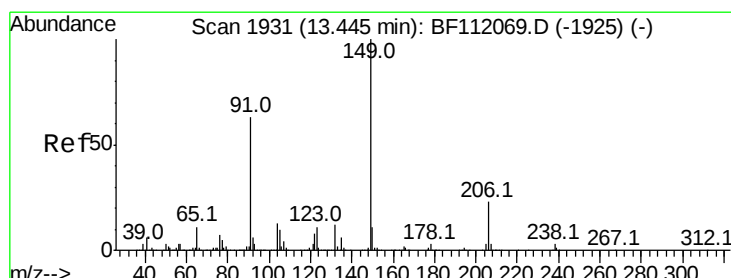
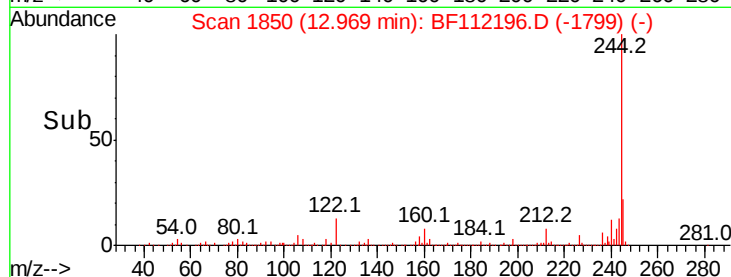
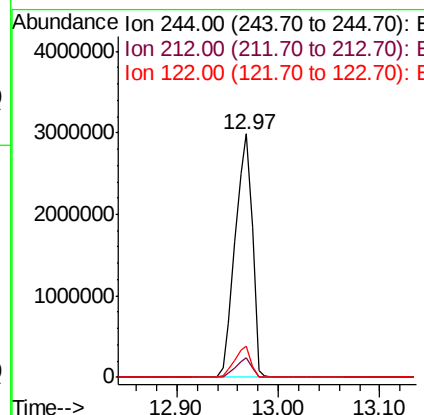
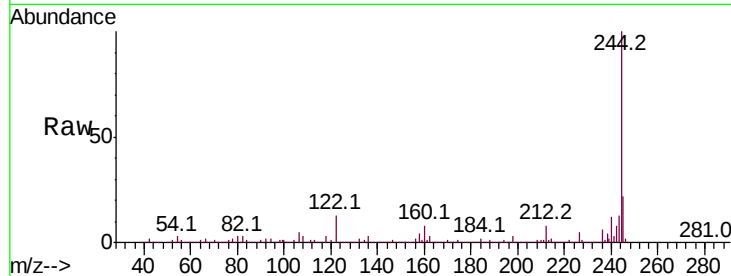
#79
 Terphenyl-d14
 Concen: 81.291 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB116569BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.9	8.9
122	12.9	9.8	14.6

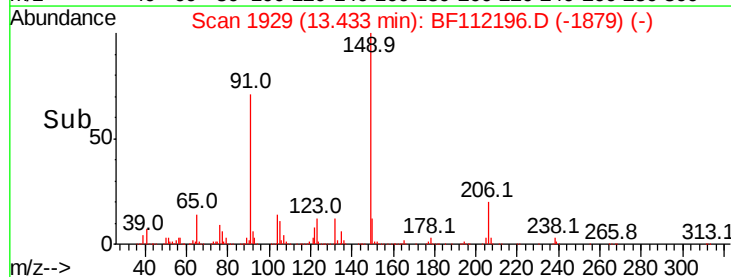
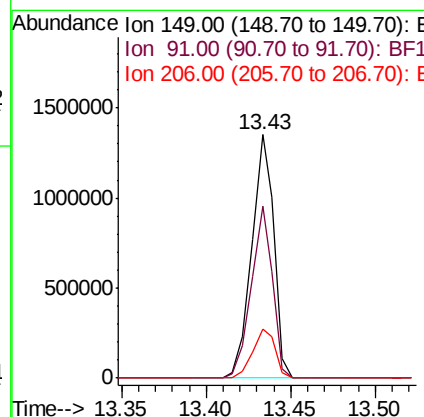
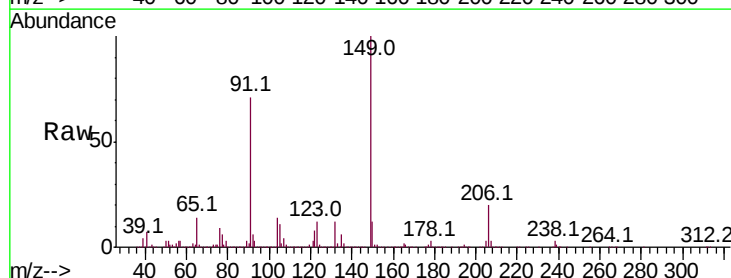
Manual Integrations
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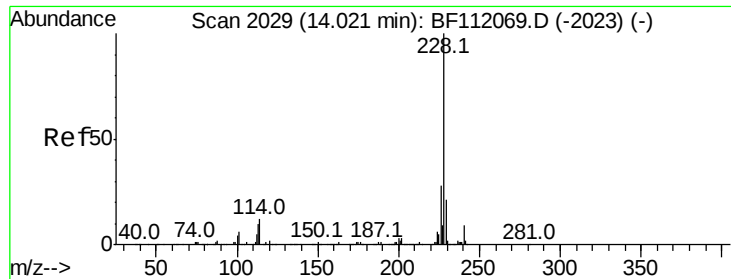
Sohil
 1/24/2019 11:30:19 AM



#80
 Butylbenzylphthalate
 Concen: 46.599 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF112196.D
 Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	50.3	75.5
206	20.3	18.2	27.4





#81

Benzo(a)anthracene

Concen: 40.549 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion:228 Resp: 2131870

Ion Ratio Lower Upper

228 100

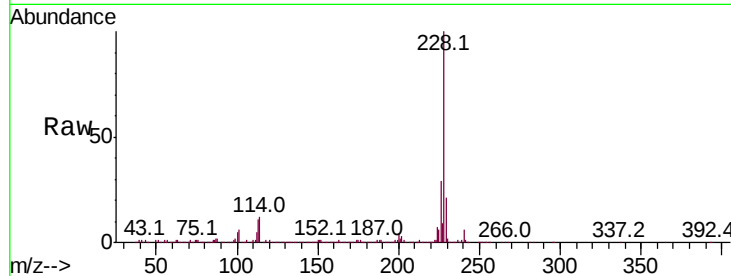
226 28.7 22.6 34.0

229 21.2 16.5 24.7

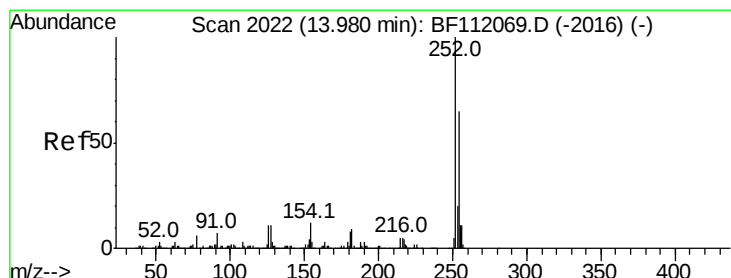
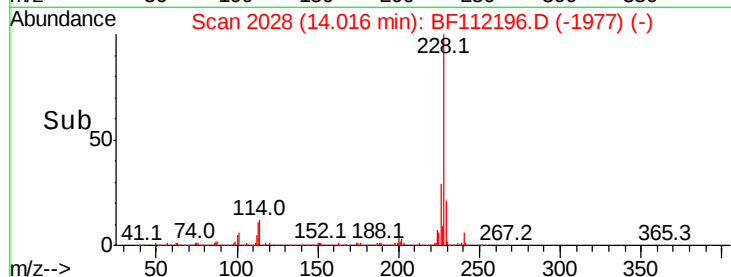
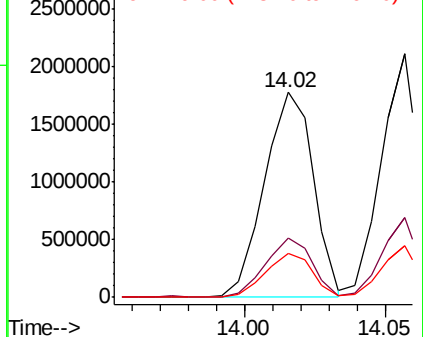
Manual Integrations
APPROVED

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1/24/2019 11:30:19 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.807 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Tgt Ion:252 Resp: 606562

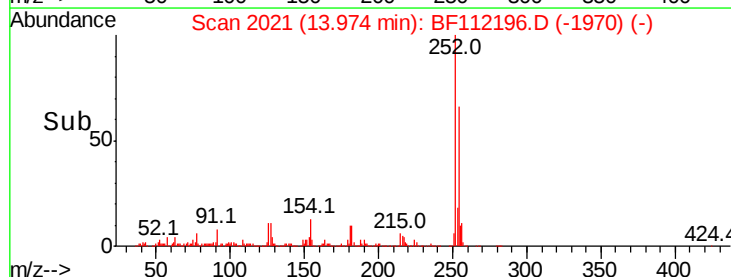
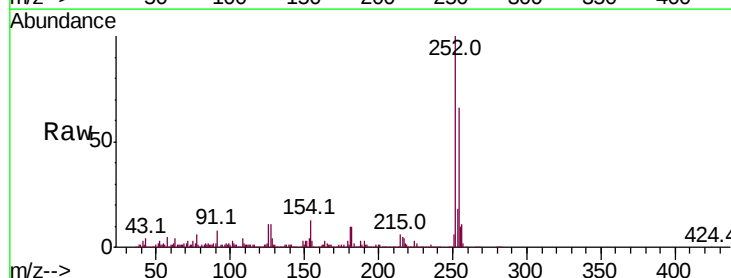
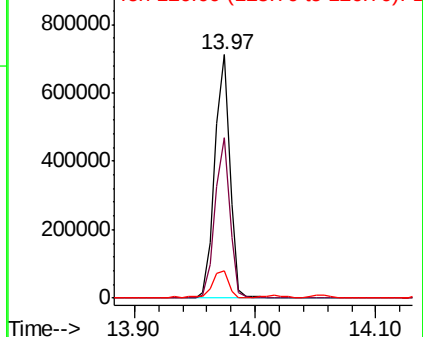
Ion Ratio Lower Upper

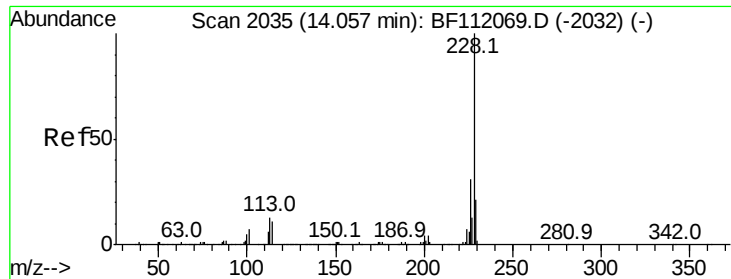
252 100

254 66.1 51.6 77.4

126 11.3 8.6 12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





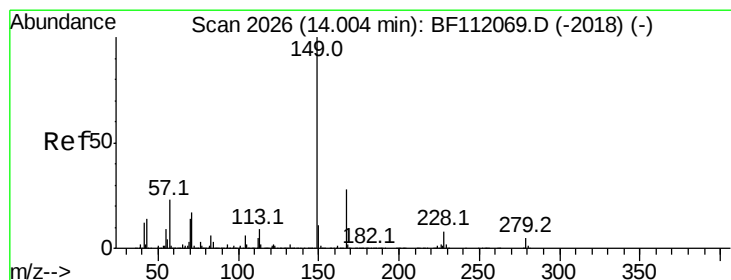
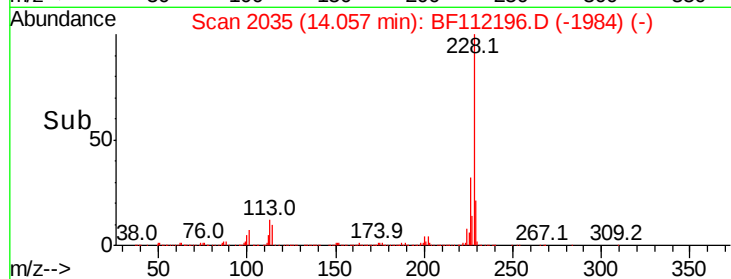
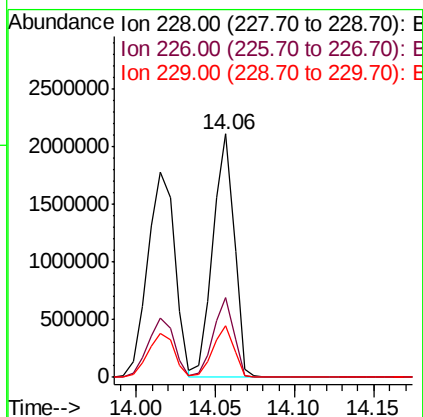
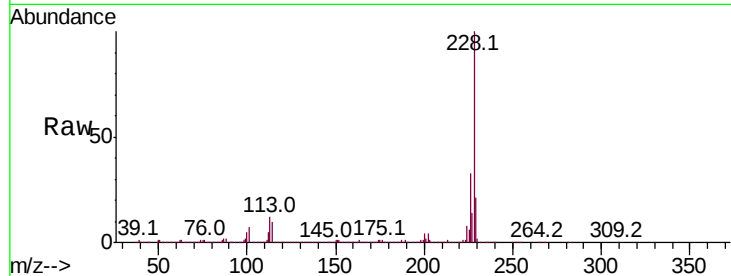
#83
Chrysene
Concen: 39.913 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	21.1	16.6	24.8

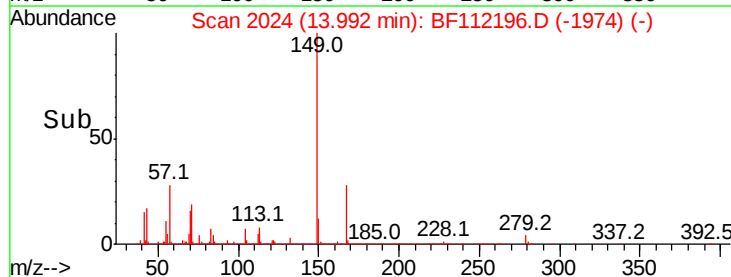
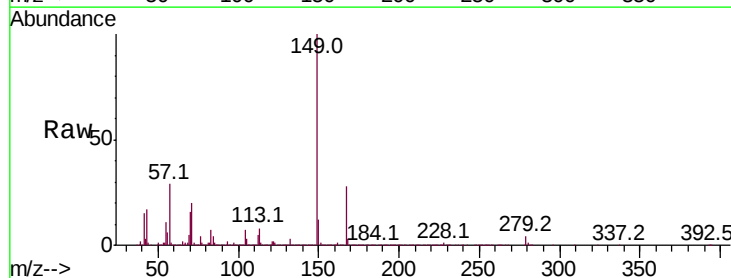
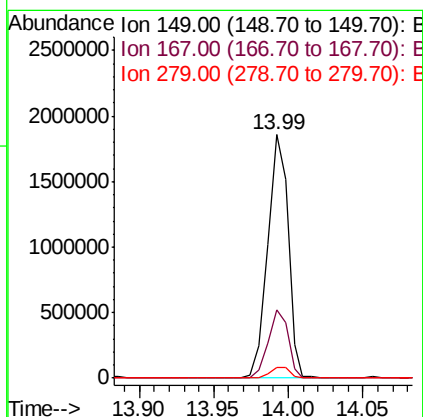
Manual Integrations
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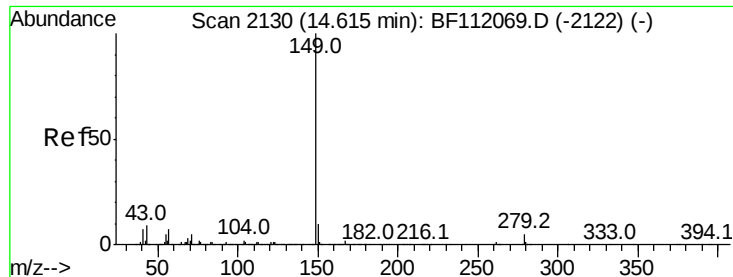
Sohil
1/24/2019 11:30:19 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.846 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.2	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 46.323 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

ClientSampleId :

PB116569BS

Tot Ion:149 Resp: 2714761

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

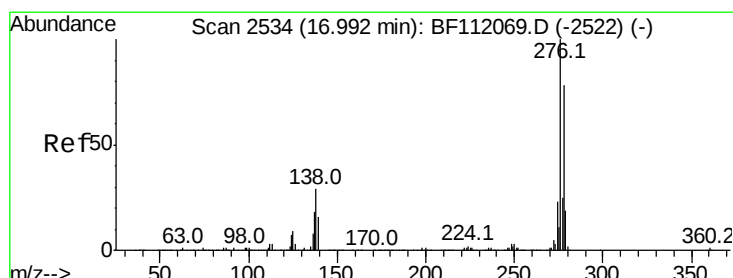
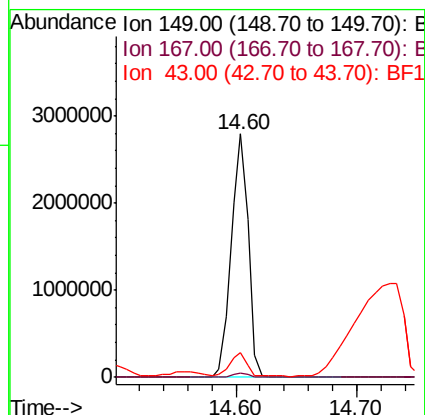
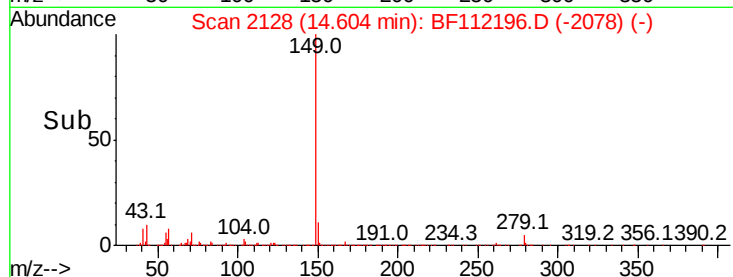
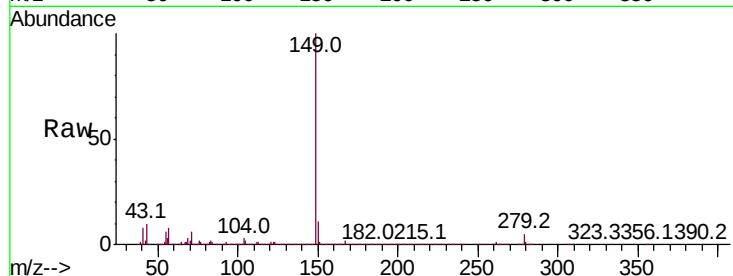
43 9.3 7.8 11.6

Manual Integrations

APPROVED

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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.176 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

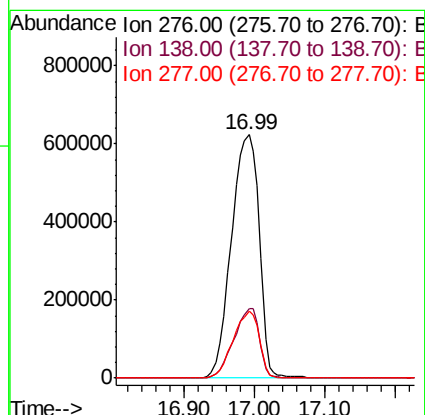
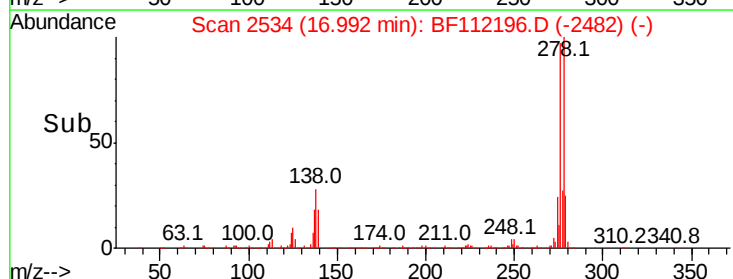
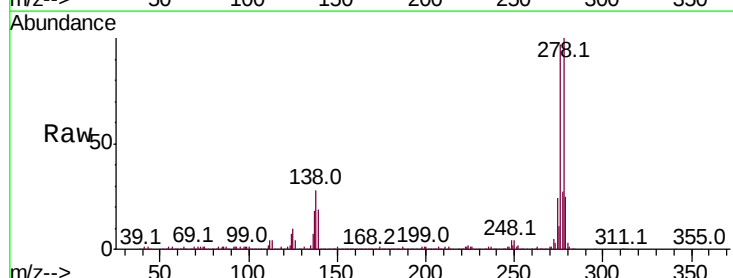
Tgt Ion:276 Resp: 1706264

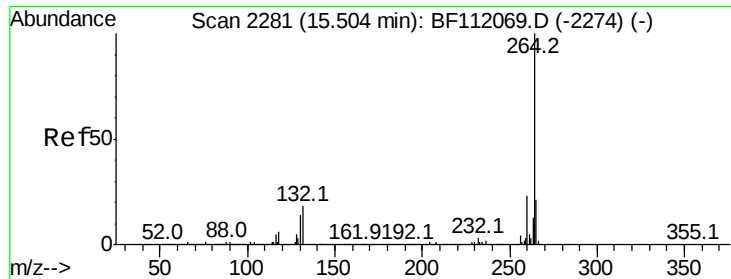
Ion Ratio Lower Upper

276 100

138 26.4 22.6 34.0

277 26.0 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF112196.D

Acq: 23 Jan 2019 12:37

Instrument :

BNA_F

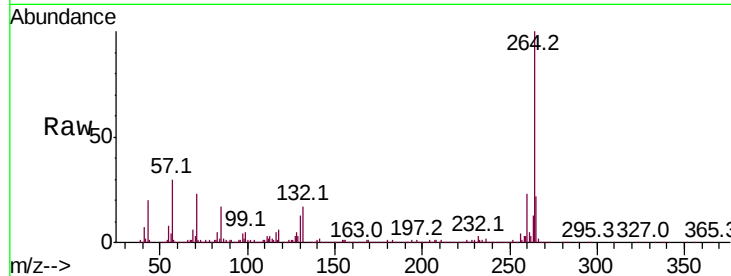
ClientSampleId :

PB116569BS

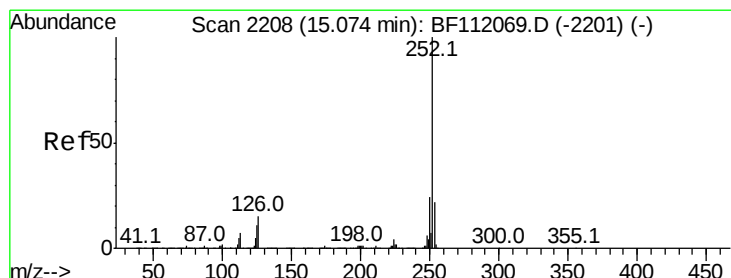
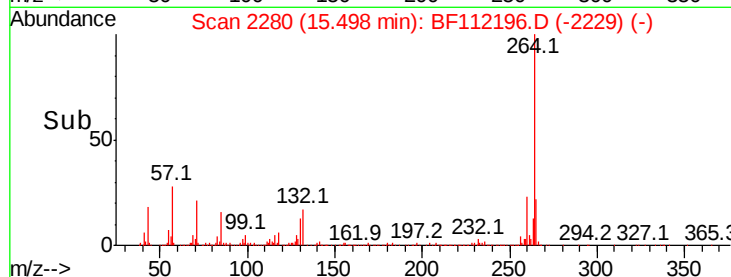
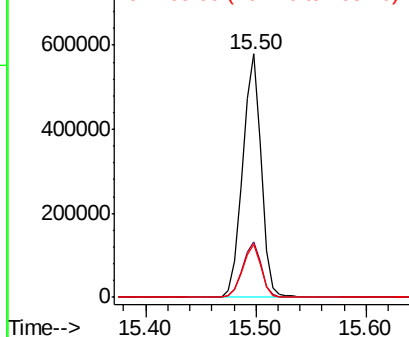
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	21.7	17.0	25.4

Manual Integrations
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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: 48.978 ng

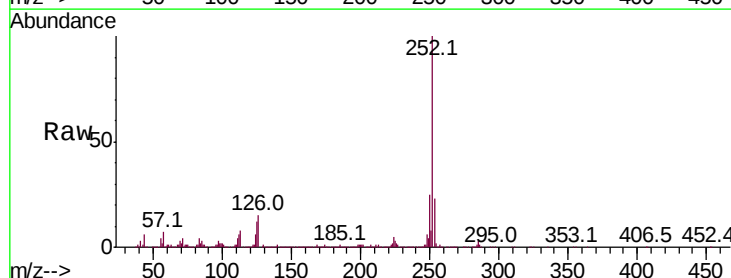
RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

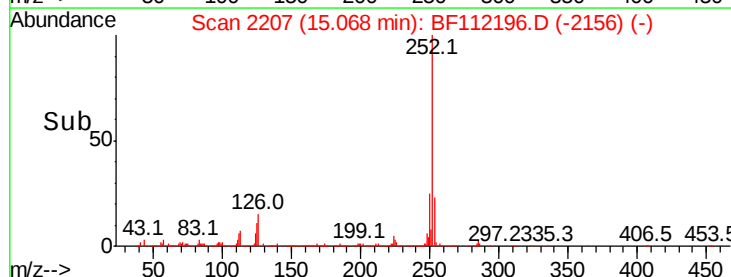
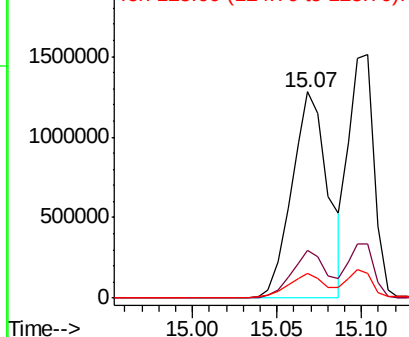
Lab File: BF112196.D

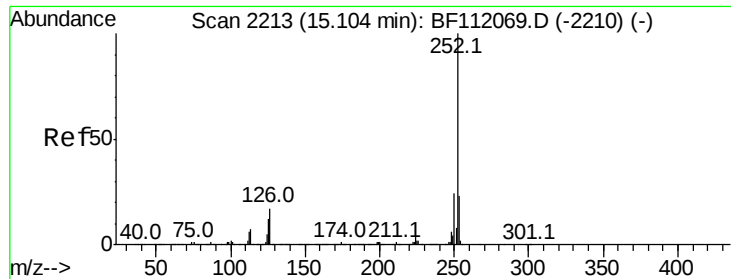
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.7	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





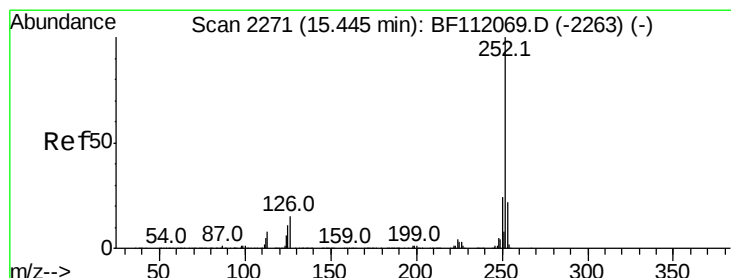
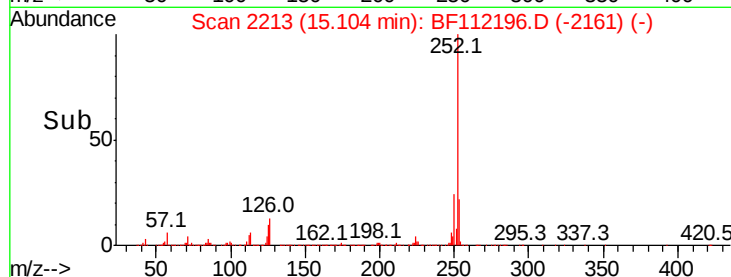
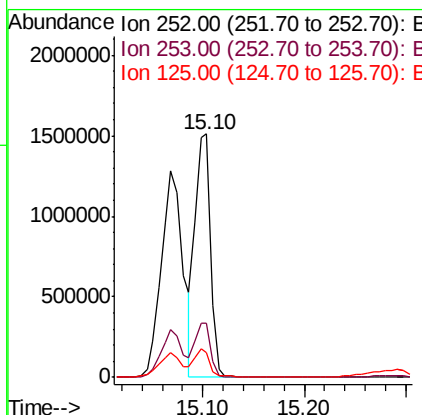
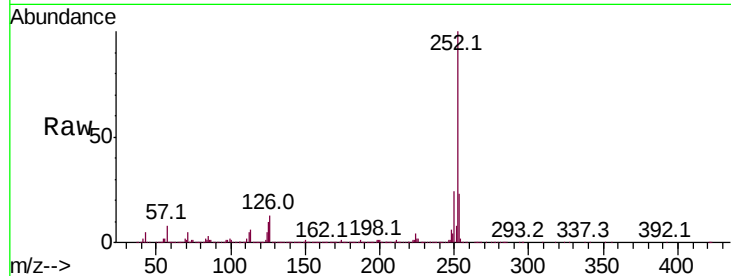
#89
Benzo(k)fluoranthene
Concen: 42.300 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampleId :
PB116569BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.0	9.1	13.7

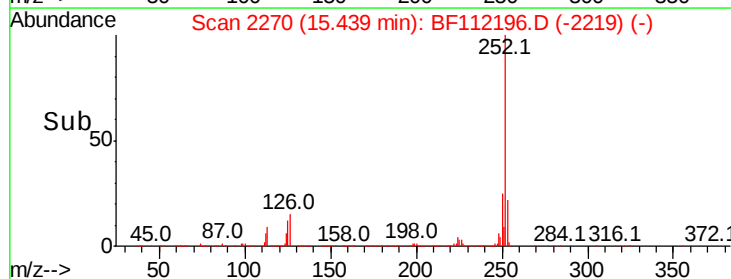
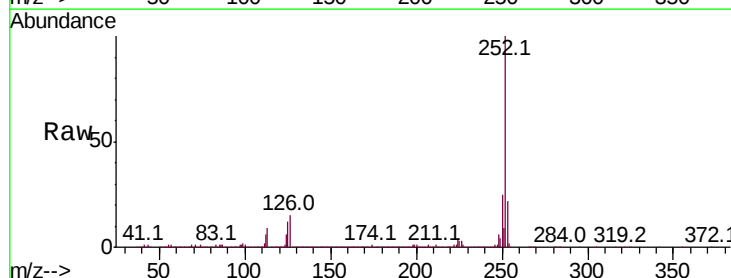
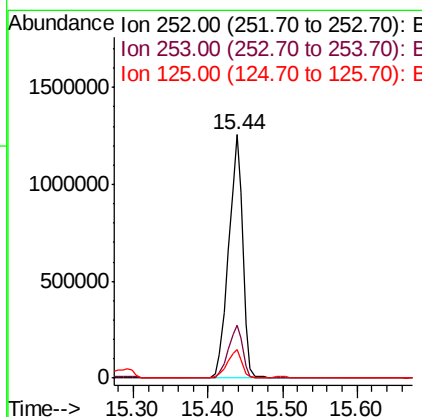
Manual Integrations
APPROVED

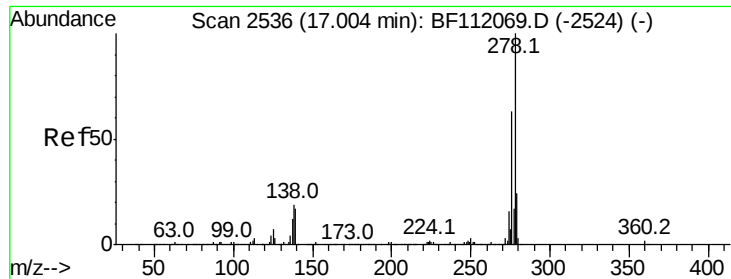
Sohil
1/24/2019 11:30:19 AM



#90
Benzo(a)pyrene
Concen: 46.778 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.8	9.0	13.4





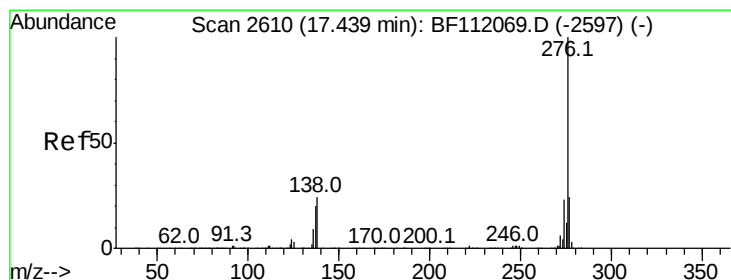
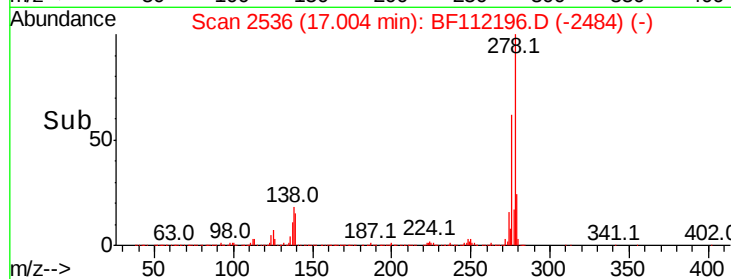
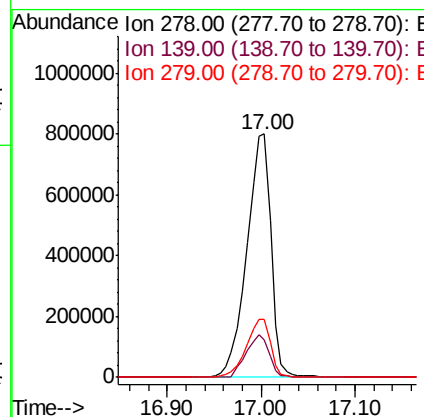
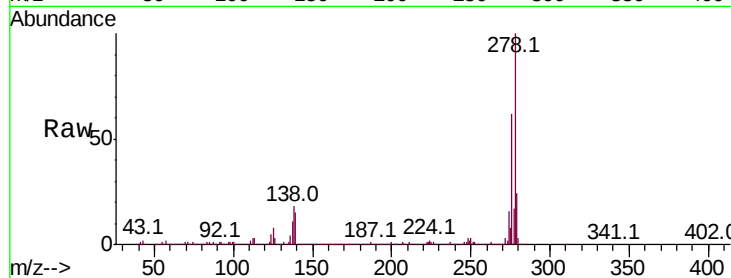
#91
Dibenzo(a,h)anthracene
Concen: 45.134 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Instrument :
BNA_F
ClientSampled :
PB116569BS

Tot Ion:278 Resp: 1429021
Ion Ratio Lower Upper
278 100
139 15.2 13.7 20.5
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Sohil
1/24/2019 11:30:19 AM



#92
Benzo(g,h,i)perylene
Concen: 45.089 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.01 min
Lab File: BF112196.D
Acq: 23 Jan 2019 12:37

Tgt Ion:276 Resp: 1406439
Ion Ratio Lower Upper
276 100
277 23.9 19.4 29.0
138 21.9 19.1 28.7

