

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111596.D
 Acq On : 19 Dec 2018 17:34
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Manual Integrations
 APPROVED

Sohil
 12/20/2018 12:41:56 PM

Quant Time: Dec 19 18:04:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	217828	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	800766	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	401955	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	762986	20.00	ng	0.00
76) Chrysene-d12	14.05	240	574083	20.00	ng	0.00
87) Perylene-d12	15.53	264	466549	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1005619	78.69	ng	0.00
7) Phenol-d6	6.52	99	1276723	78.50	ng	0.00
23) Nitrobenzene-d5	7.46	82	1152061	83.74	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	380830	80.18	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2125557	77.08	ng	0.00
79) Terphenyl-d14	13.00	244	2373748	78.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	234911	39.070	ng	97
3) Pyridine	3.46	79	627811	40.079	ng	97
4) n-Nitrosodimethylamine	3.40	42	299375	39.052	ng	85
6) Aniline	6.56	93	805382	38.849	ng	100
8) 2-Chlorophenol	6.68	128	564344	39.865	ng	98
9) Benzaldehyde	6.45	77	441894	39.506	ng	98
10) Phenol	6.53	94	732601m	39.923	ng	
11) bis(2-Chloroethyl)ether	6.63	93	545164	39.646	ng	99
12) 1,3-Dichlorobenzene	6.84	146	651133	39.690	ng	99
13) 1,4-Dichlorobenzene	6.92	146	660130	39.676	ng	97
14) 1,2-Dichlorobenzene	7.07	146	619819	39.929	ng	97
15) Benzyl Alcohol	7.03	79	515807	39.934	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	986091	38.937	ng	100
17) 2-Methylphenol	7.14	107	448973	39.608	ng	96
18) Hexachloroethane	7.42	117	223832	39.922	ng	# 84
19) n-Nitroso-di-n-propylamine	7.31	70	415661	38.484	ng	95
20) 3+4-Methylphenols	7.30	107	564283	39.397	ng	95
22) Acetophenone	7.30	105	791873	39.034	ng	# 89
24) Nitrobenzene	7.47	77	599579	41.584	ng	97
25) Isophorone	7.72	82	951203	38.948	ng	97
26) 2-Nitrophenol	7.79	139	260374	44.526	ng	98
27) 2,4-Dimethylphenol	7.82	122	462093	40.086	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	633815	38.999	ng	98
29) 2,4-Dichlorophenol	8.03	162	486955	39.274	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	541349	39.181	ng	98
31) Naphthalene	8.20	128	1528307	39.721	ng	96
32) Benzoic acid	7.93	122	317340m	41.636	ng	
33) 4-Chloroaniline	8.25	127	645871	38.838	ng	99
34) Hexachlorobutadiene	8.33	225	334553	39.729	ng	98
35) Caprolactam	8.62	113	163391	38.890	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	483755	39.691	ng	99
37) 2-Methylnaphthalene	8.89	142	984822	39.342	ng	99
38) 1-Methylnaphthalene	8.99	142	945173	39.314	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	520572	39.413	ng	# 97

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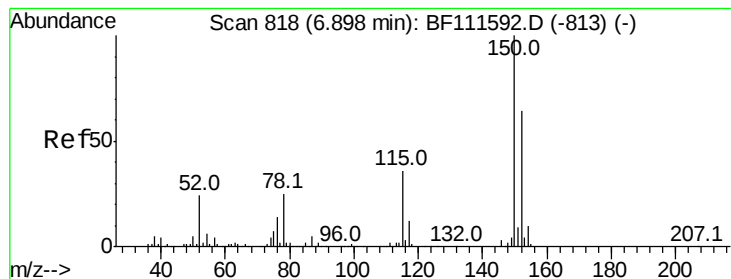
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	243096	37.928	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	345351	39.162	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	360252	39.821	nq	# 90
46) 1,1'-Biphenyl	9.36	154	1337663	39.423	nq	95
47) 2-Chloronaphthalene	9.38	162	1047740	38.974	nq	95
48) 2-Nitroaniline	9.47	65	301543	43.116	nq	94
49) Acenaphthylene	9.79	152	1553759	39.585	nq	96
50) Dimethylphthalate	9.65	163	1167791	39.729	nq	99
51) 2,6-Dinitrotoluene	9.71	165	253102	43.183	nq	95
52) Acenaphthene	9.97	154	962837	39.773	nq	99
53) 3-Nitroaniline	9.87	138	274803	43.963	nq	96
54) 2,4-Dinitrophenol	9.97	184	71913	42.047	nq	# 1
55) Dibenzofuran	10.14	168	1438130	39.321	nq	94
56) 4-Nitrophenol	10.02	139	213698	44.797	nq	90
57) 2,4-Dinitrotoluene	10.11	165	311108	44.165	nq	# 99
58) Fluorene	10.48	166	1022730	38.806	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	309764	40.686	nq	89
60) Diethylphthalate	10.35	149	1145807	39.739	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	567487	38.974	nq	90
62) 4-Nitroaniline	10.49	138	257866	42.445	nq	87
63) Azobenzene	10.63	77	1152623	39.819	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	124683	40.719	nq	92
66) n-Nitrosodiphenylamine	10.59	169	995185	38.856	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	373473	39.465	nq	# 91
68) Hexachlorobenzene	11.03	284	411343	38.984	nq	99
69) Atrazine	11.12	200	344927	38.766	nq	96
70) Pentachlorophenol	11.22	266	264587	40.561	nq	97
71) Phenanthrene	11.44	178	1570788	38.819	nq	96
72) Anthracene	11.49	178	1581516	38.939	nq	96
73) Carbazole	11.64	167	1542152	39.109	nq	96
74) Di-n-butylphthalate	11.97	149	1734607	39.234	nq	97
75) Fluoranthene	12.63	202	1593686	38.894	nq	95
77) Benzidine	12.74	184	793760m	36.744	nq	
78) Pyrene	12.85	202	1629391	40.192	nq	97
80) Butylbenzylphthalate	13.47	149	680908	41.204	nq	95
81) Benzo(a)anthracene	14.04	228	1282588	39.148	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	495715	38.295	nq	# 98
83) Chrysene	14.07	228	1281671	39.803	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	835458	40.136	nq	98
85) Di-n-octyl phthalate	14.65	149	1260756	39.093	nq	96
86) Indeno(1,2,3-cd)pyrene	17.00	276	1073512	39.217	nq	# 89
88) Benzo(b)fluoranthene	15.10	252	1075390	39.439	nq	# 96
89) Benzo(k)fluoranthene	15.13	252	1041426	40.118	nq	# 97
90) Benzo(a)pyrene	15.46	252	988615	39.908	nq	# 94
91) Dibenzo(a,h)anthracene	17.03	278	902053	41.584	nq	# 92
92) Benzo(g,h,i)perylene	17.46	276	884861	41.774	nq	# 88

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



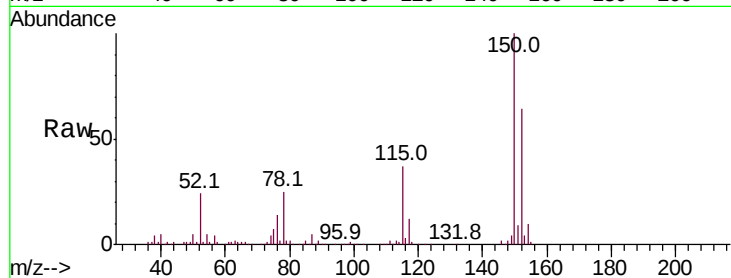
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	58.2	50.7	76.1

Manual Integrations
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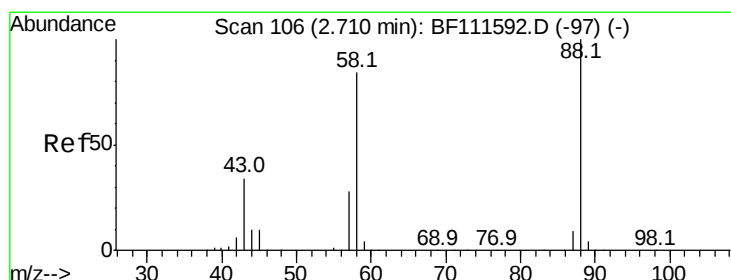
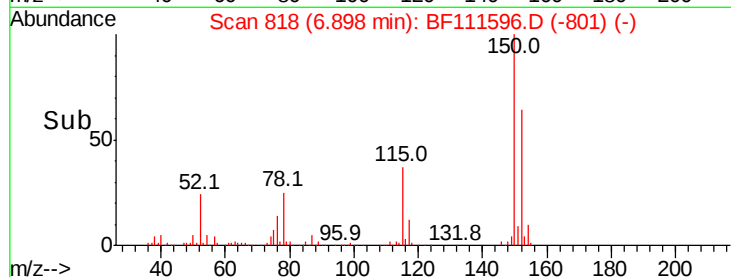
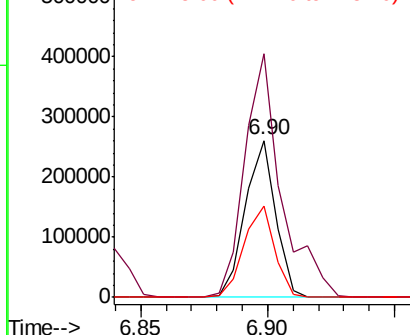


Abundance

Ion 152.00 (151.70 to 152.70): E

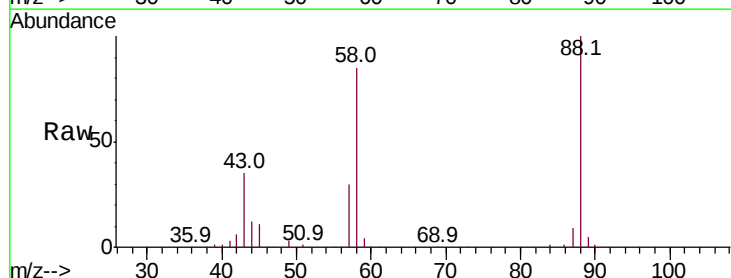
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 39.070 ng
 RT: 2.70 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.9	103.3
43	35.1	25.8	38.6

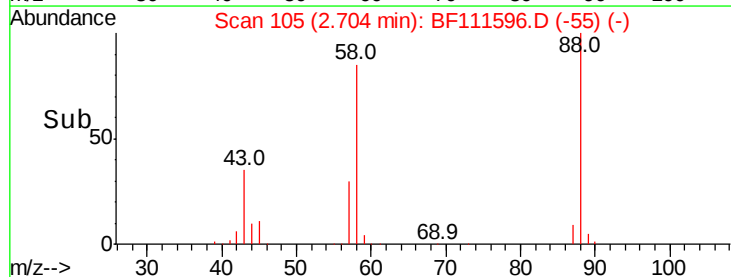
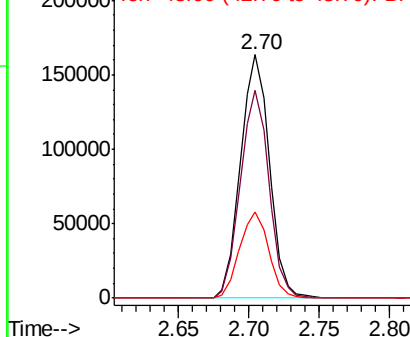


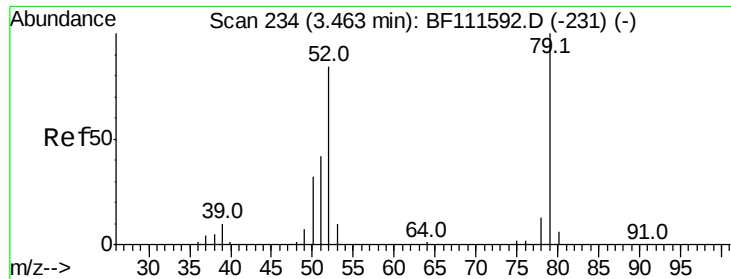
Abundance

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





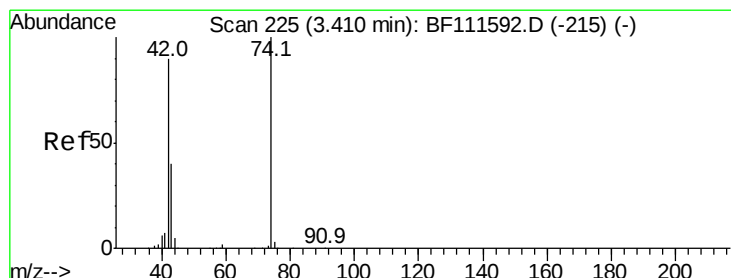
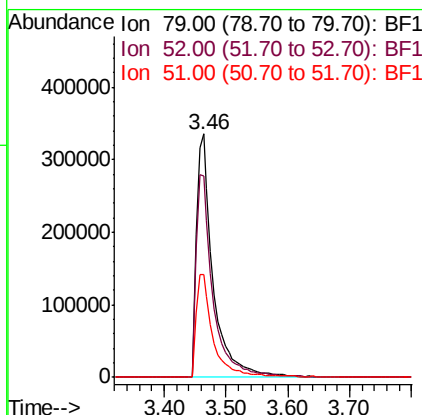
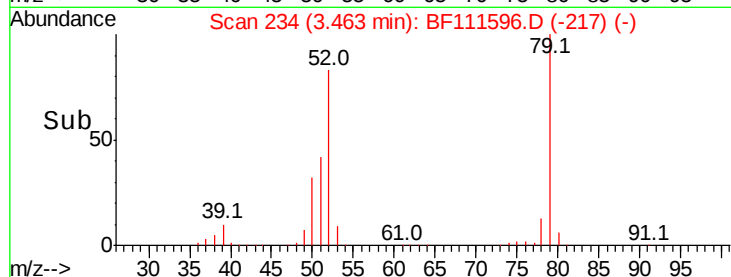
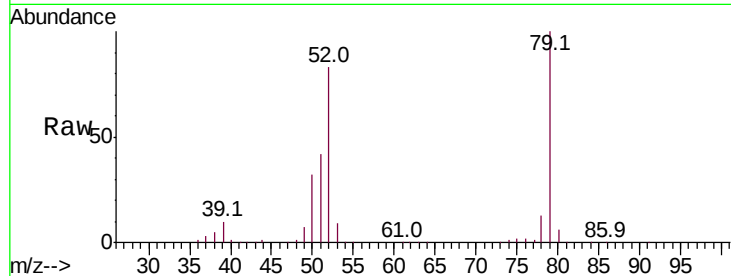
#3
 Pvridine
 Concen: 40.079 ng
 RT: 3.46 min Scan# 234
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.9	68.3	102.5
51	42.3	32.6	49.0

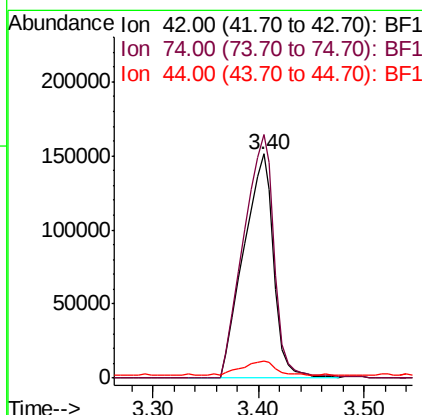
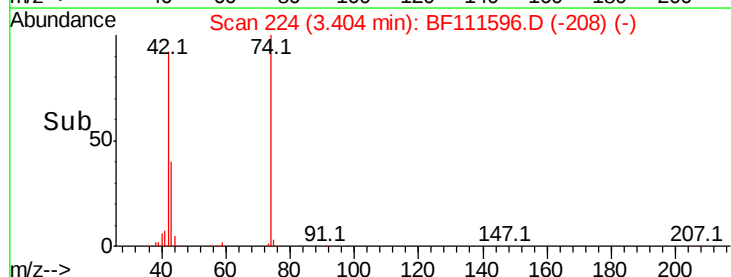
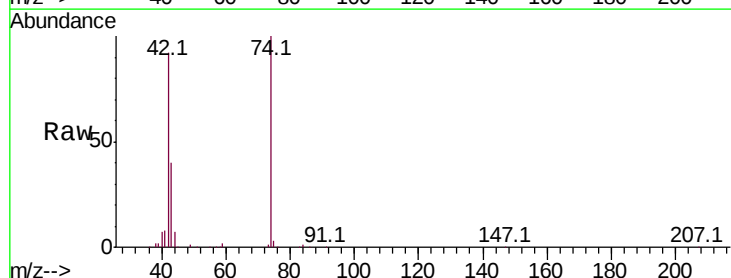
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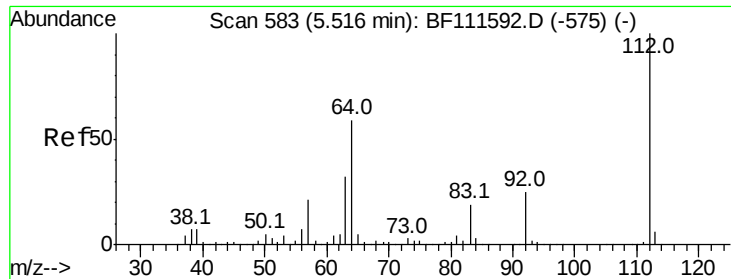
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#4
 n-Nitrosodimethylamine
 Concen: 39.052 ng
 RT: 3.40 min Scan# 224
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.7	101.5	152.3
44	7.4	6.0	9.0





#5

2-Fluorophenol

Concen: 78.691 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:112 Resp: 1005619

Ion Ratio Lower Upper

112 100

64 66.3 51.8 77.6

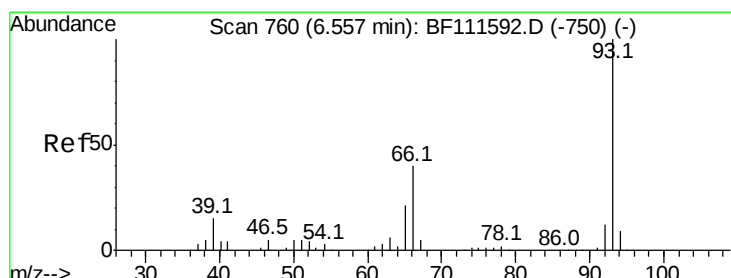
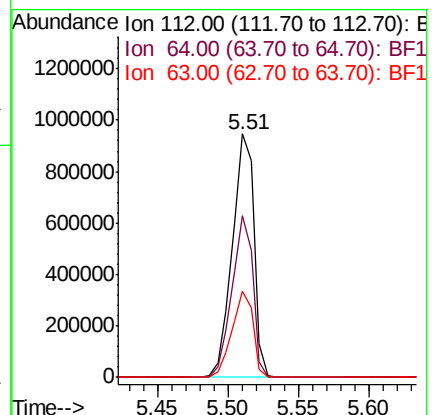
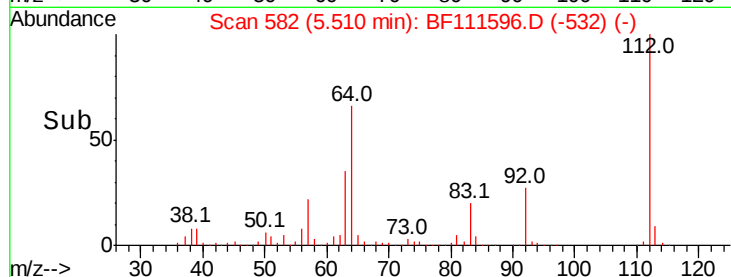
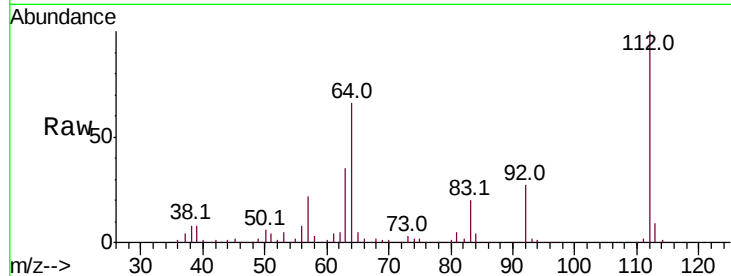
63 35.2 26.8 40.2

Manual Integrations

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#6

Aniline

Concen: 38.849 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

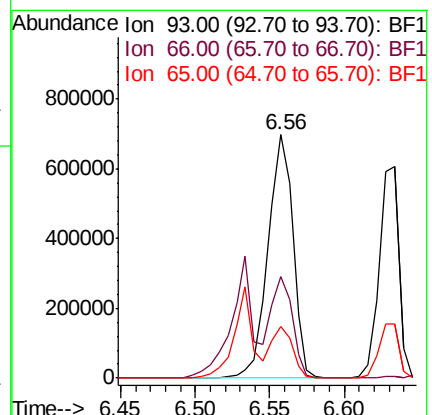
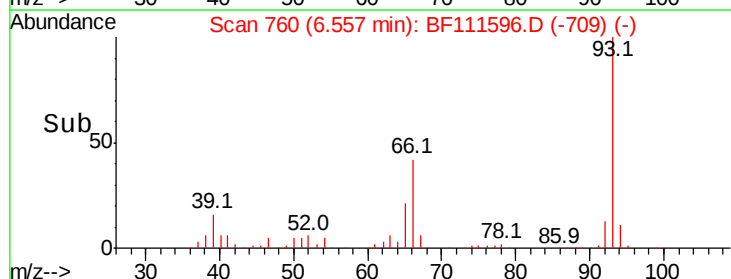
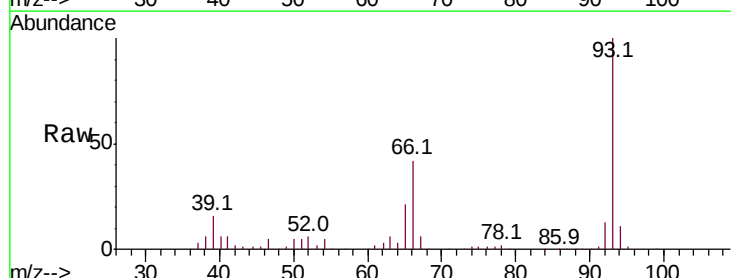
Tgt Ion: 93 Resp: 805382

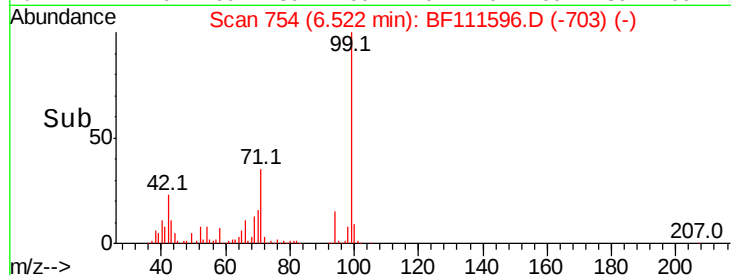
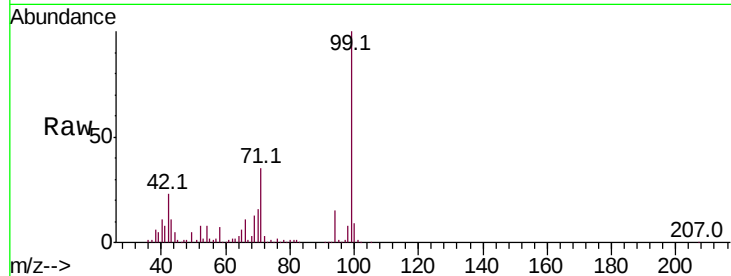
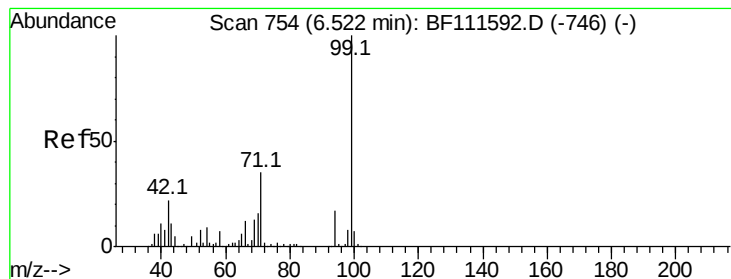
Ion Ratio Lower Upper

93 100

66 41.5 33.2 49.8

65 21.2 17.0 25.4





#7

Phenol-d6

Concen: 78.502 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tot Ion: 99 Resp: 1276723

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

71 35.1 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

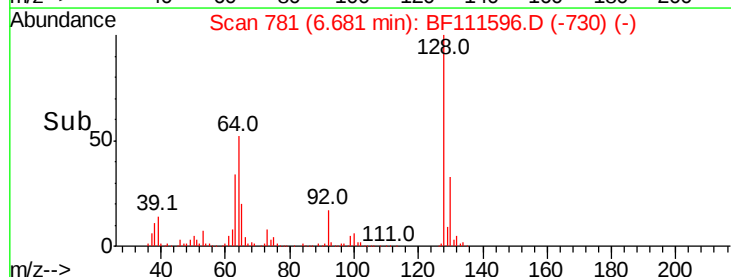
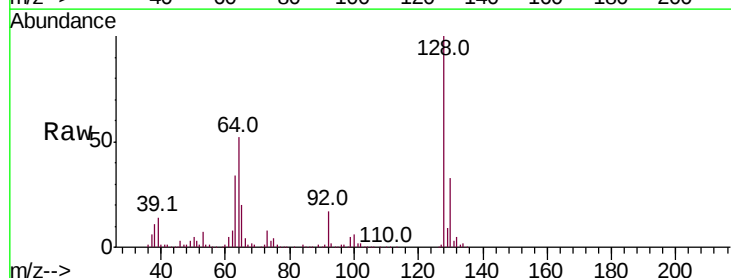
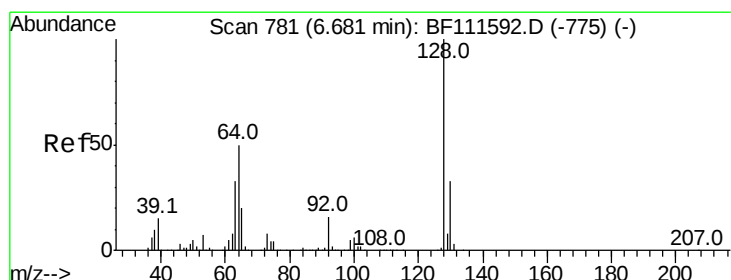
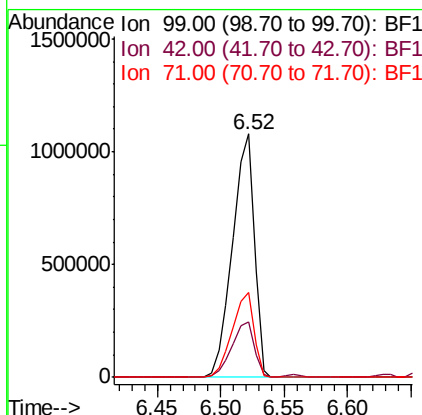
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#8

2-Chlorophenol

Concen: 39.865 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

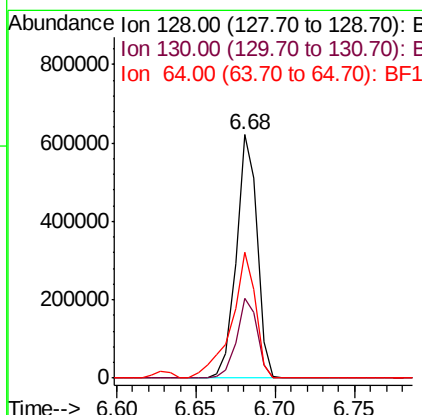
Tgt Ion:128 Resp: 564344

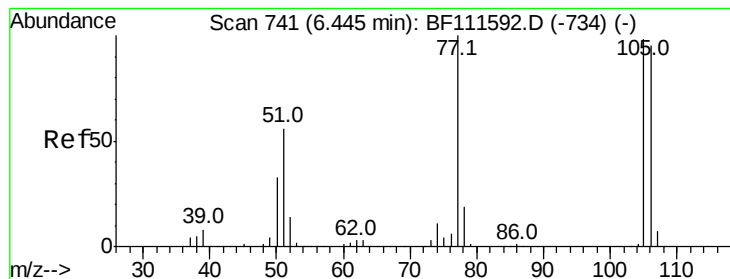
Ion Ratio Lower Upper

128 100

130 32.8 12.7 52.7

64 51.9 30.0 70.0





#9

Benzaldehyde

Concen: 39.506 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion: 77 Resp: 441894

Ion Ratio Lower Upper

77 100

105 100.1 81.4 121.4

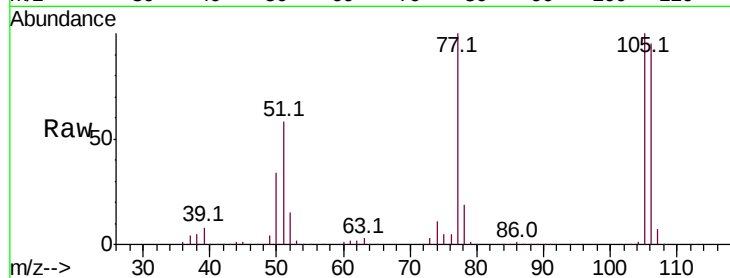
106 95.2 77.9 117.9

Manual Integrations

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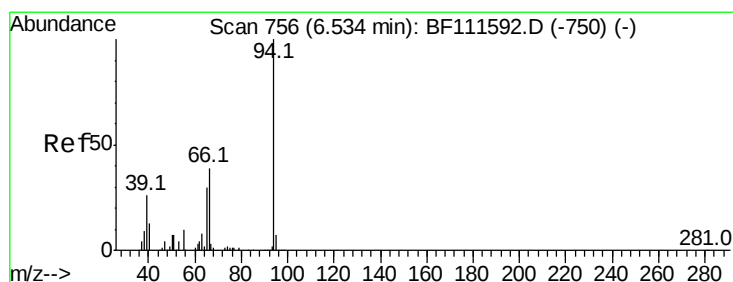
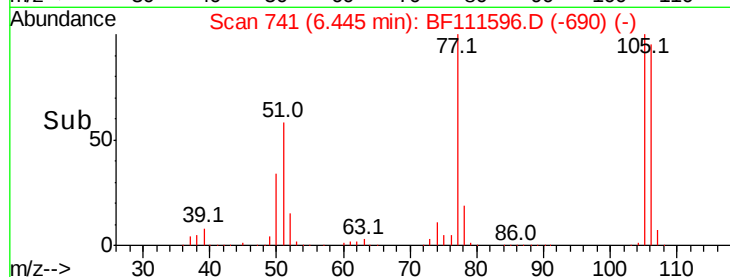
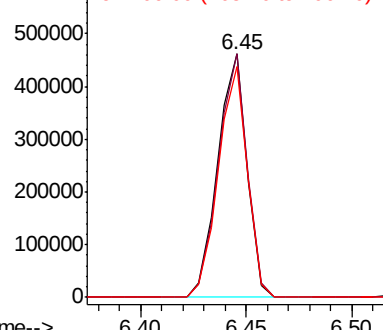


Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.923 ng m

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

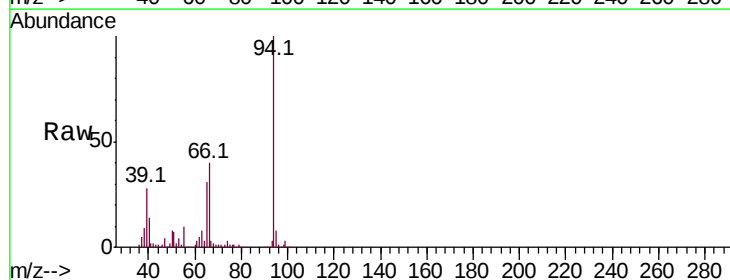
Tgt Ion: 94 Resp: 732601

Ion Ratio Lower Upper

94 100

65 30.6 11.7 51.7

66 40.4 21.0 61.0

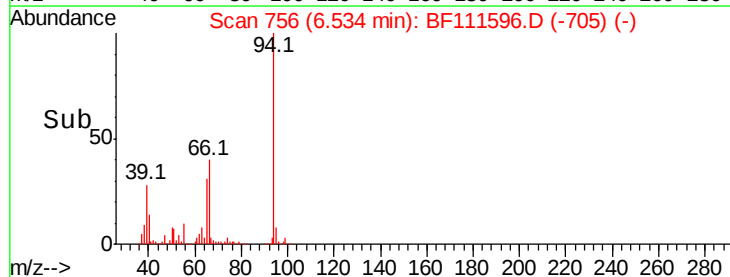
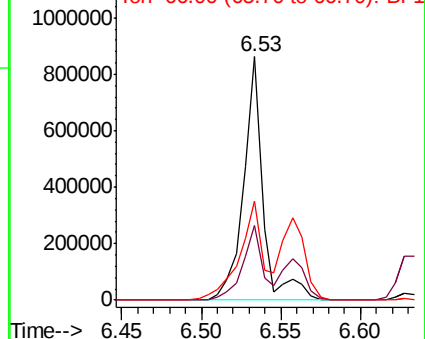


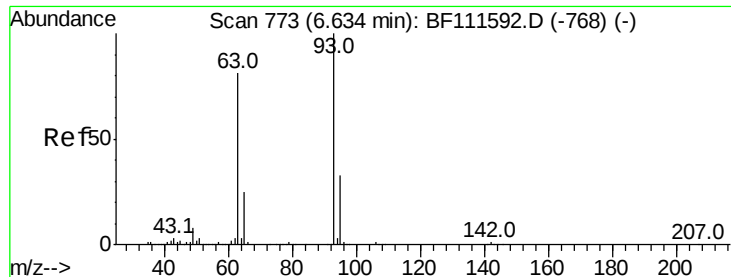
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.646 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

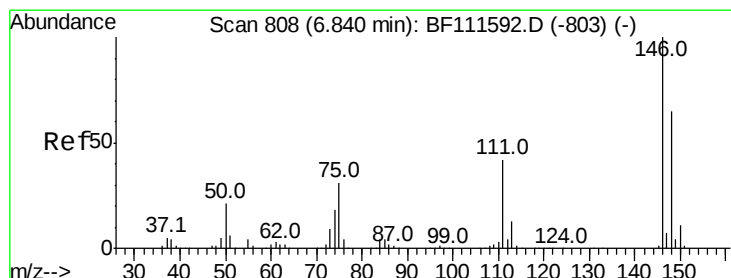
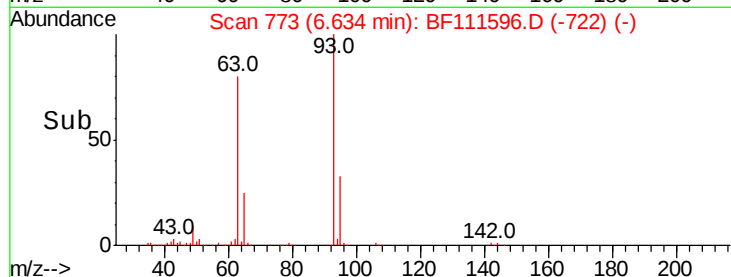
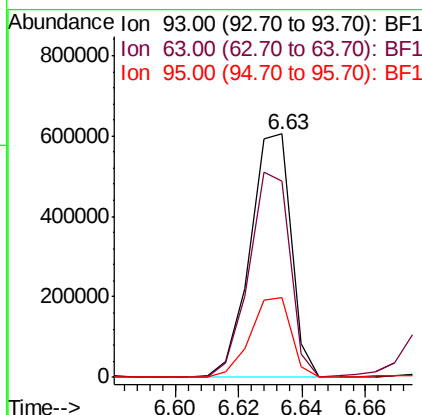
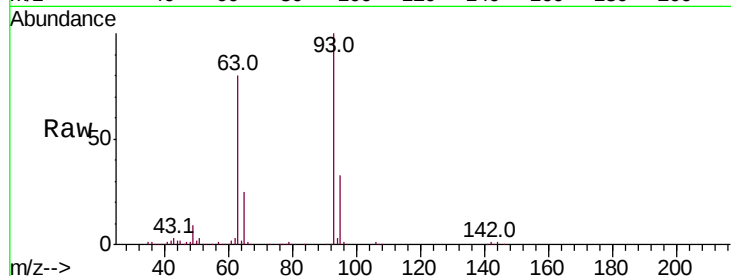
ClientSampleId :

ICVBF121918

Tot Ion:	93	Resp:	545164
Ion Ratio	Lower	Upper	
93	100		
63	80.4	60.0	100.0
95	32.8	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 39.690 ng

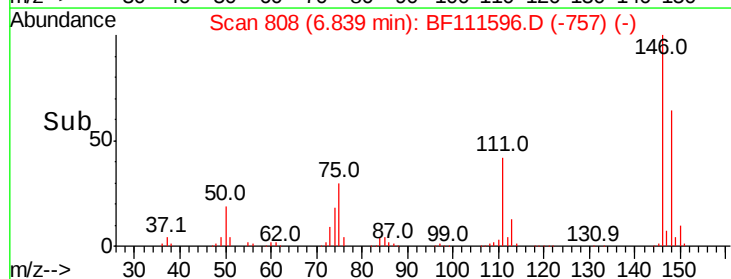
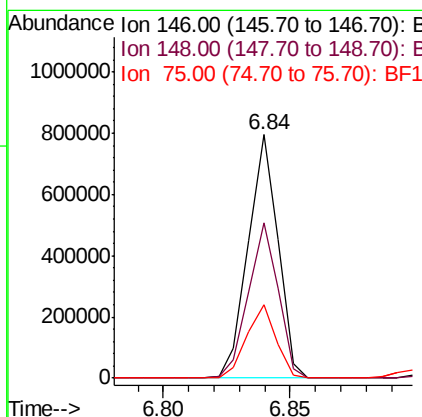
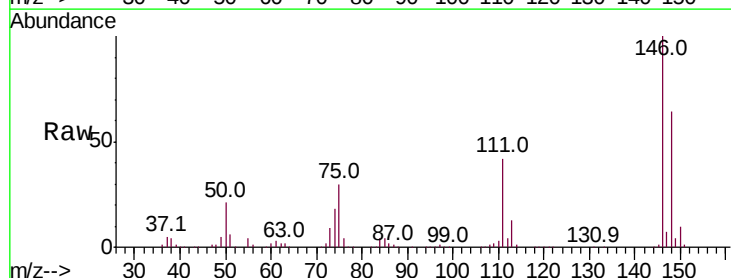
RT: 6.84 min Scan# 808

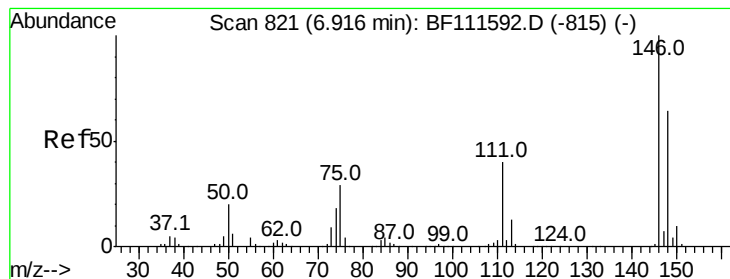
Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:	146	Resp:	651133
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.1	78.1
75	30.3	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 39.676 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

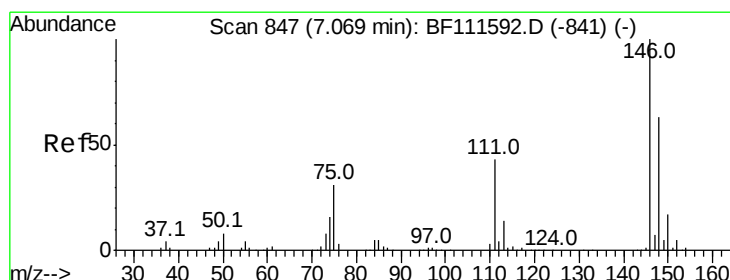
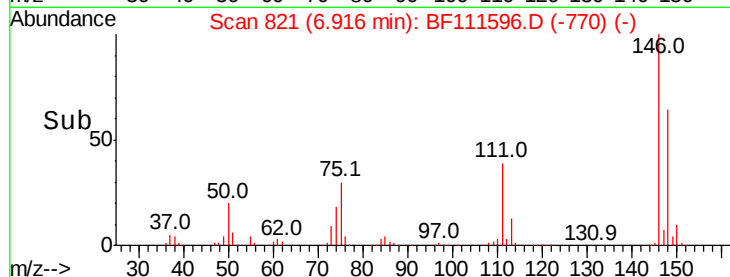
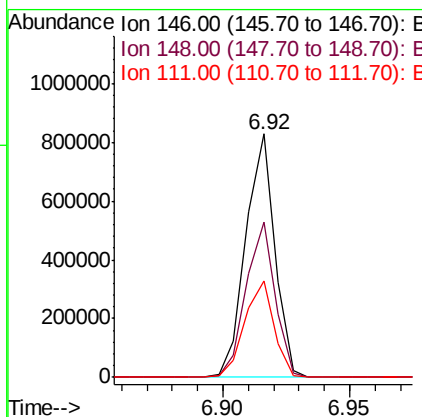
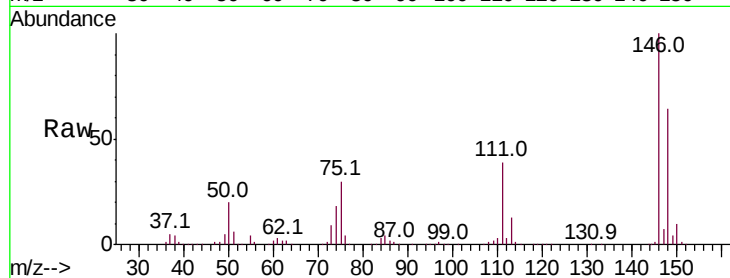
ClientSampleId :

ICVBF121918

Tot Ion:	146	Resp:	660130
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.8	79.2
111	39.4	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 39.929 ng

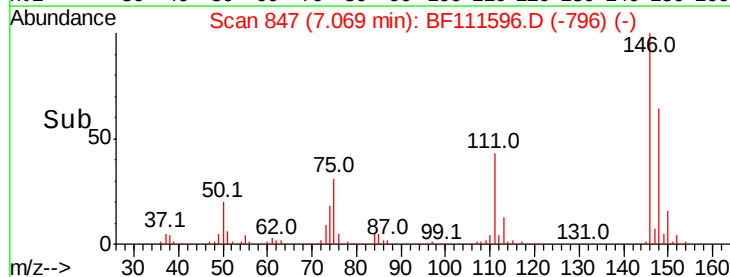
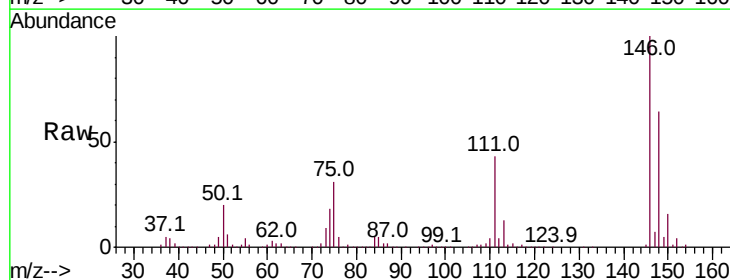
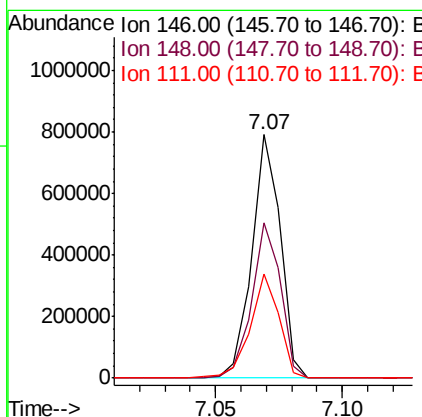
RT: 7.07 min Scan# 847

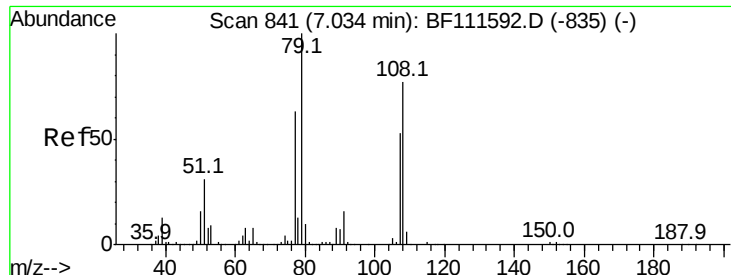
Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:	146	Resp:	619819
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	42.6	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.934 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion: 79 Resp: 515807

Ion Ratio Lower Upper

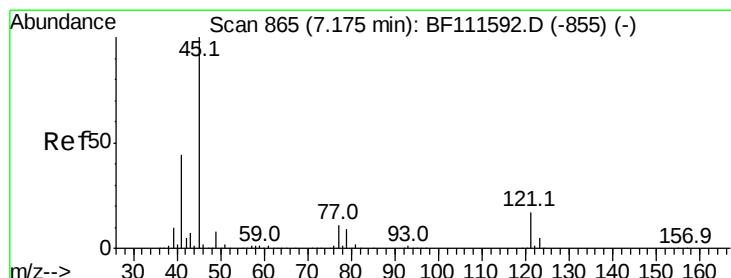
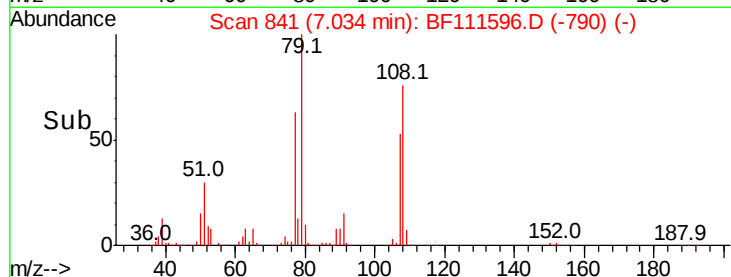
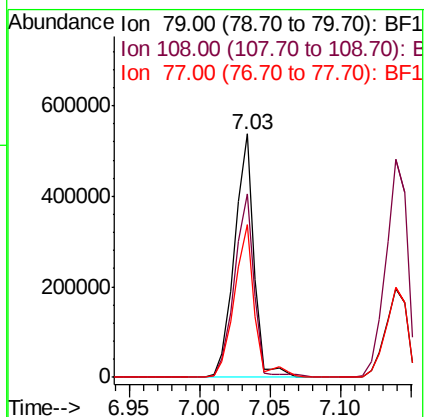
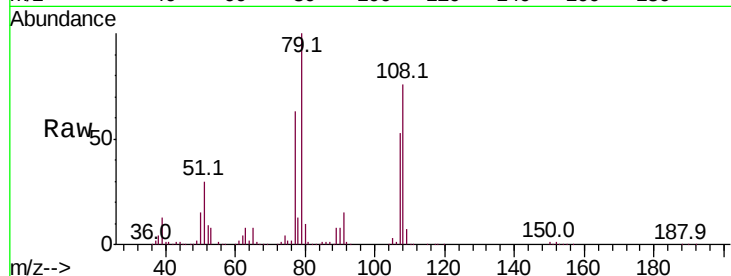
79 100

108 75.6 69.4 104.2

77 62.7 49.7 74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.937 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

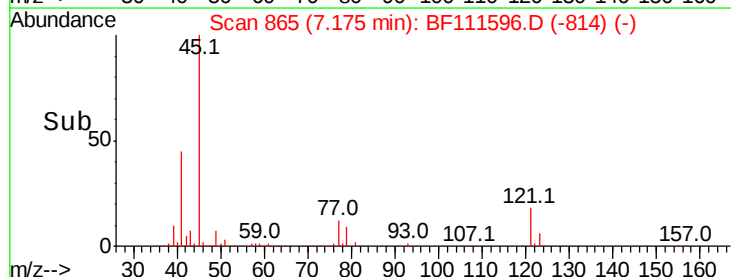
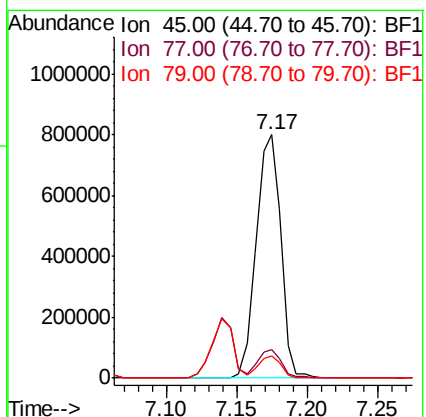
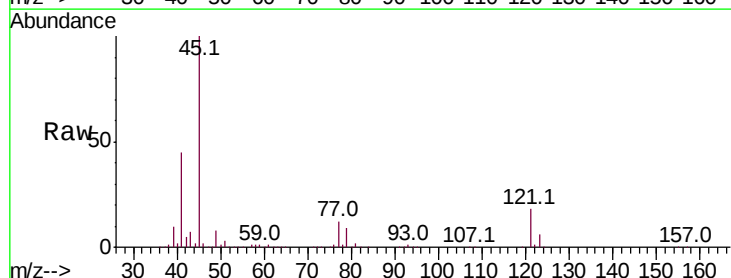
Tgt Ion: 45 Resp: 986091

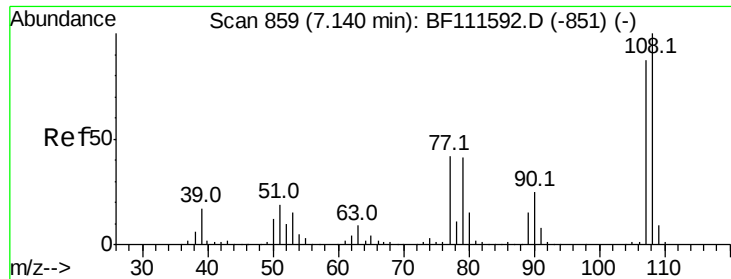
Ion Ratio Lower Upper

45 100

77 11.5 0.0 31.5

79 8.9 0.0 28.9





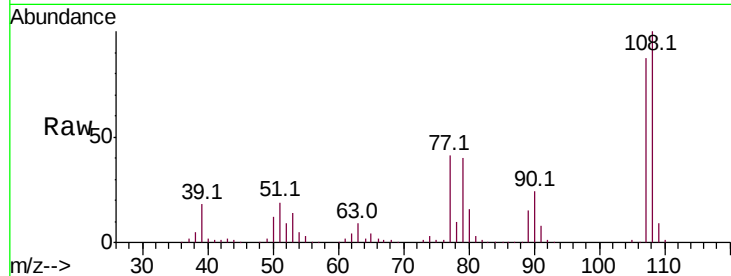
#17
2-Methylphenol
Concen: 39.608 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

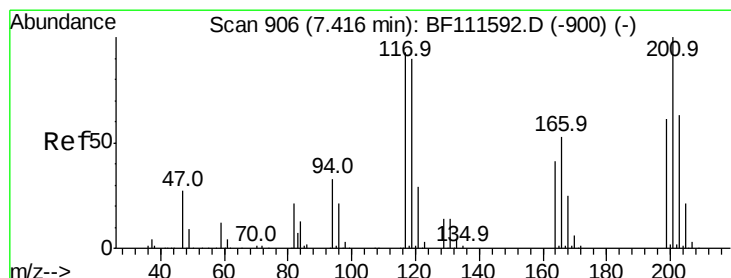
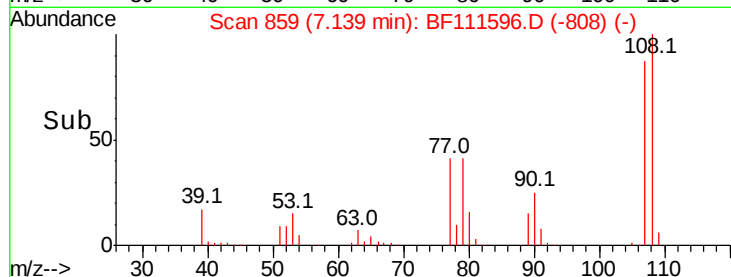
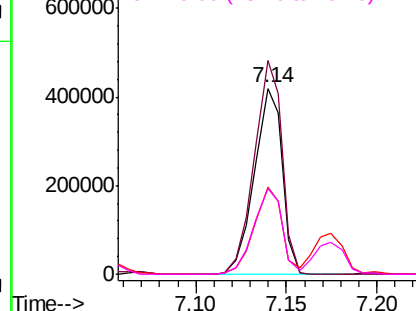
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.4
77	47.1	33.5	50.3
79	46.4	33.3	49.9

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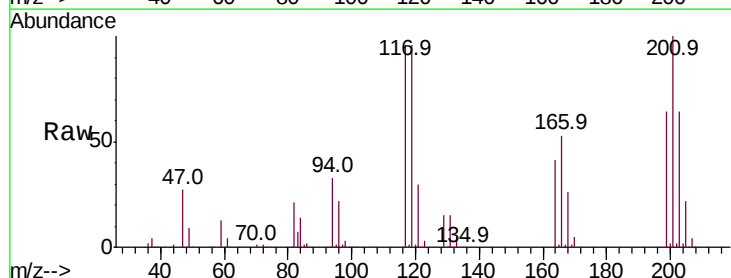


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

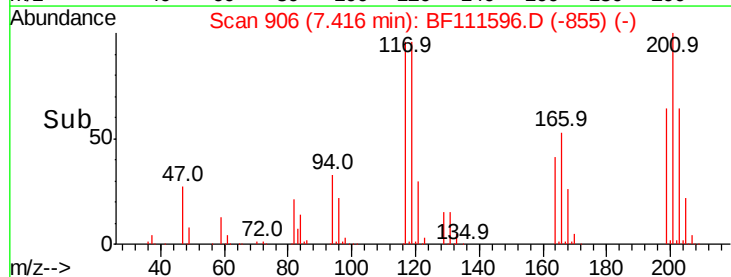
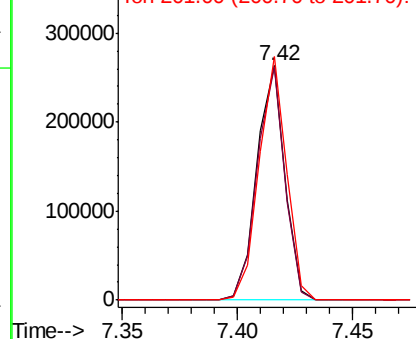


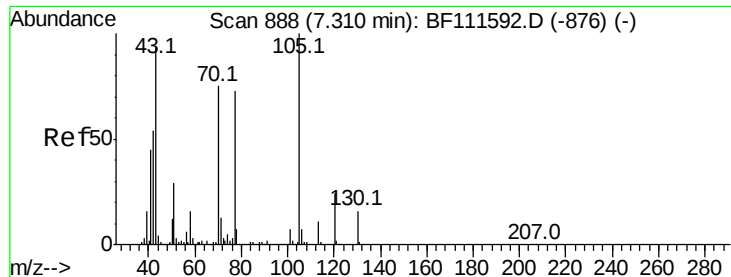
#18
Hexachloroethane
Concen: 39.922 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	75.4	113.0
201	103.8	62.4	93.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





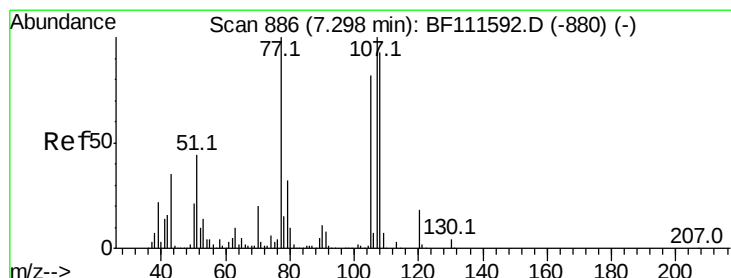
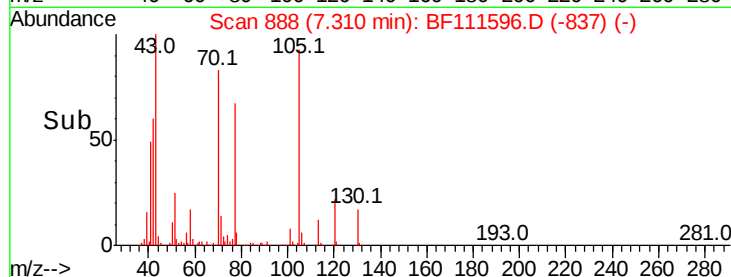
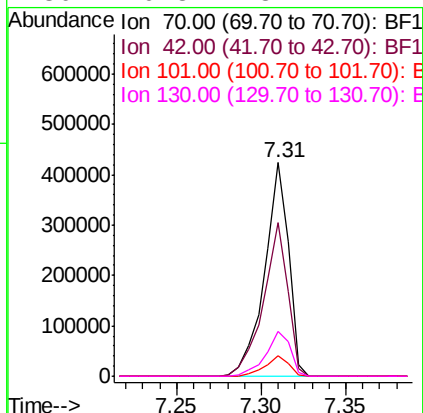
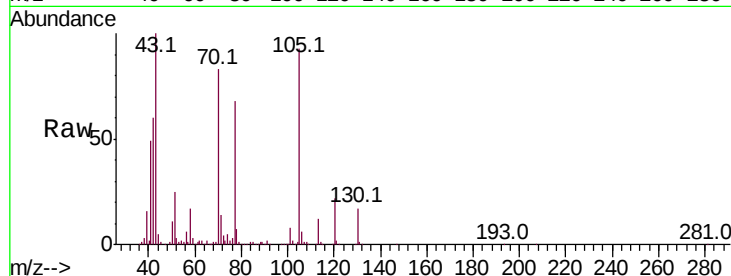
#19
n-Nitroso-di-n-propylamine
Concen: 38.484 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.6	53.2	79.8	
101	9.4	8.2	12.4	
130	20.8	18.1	27.1	

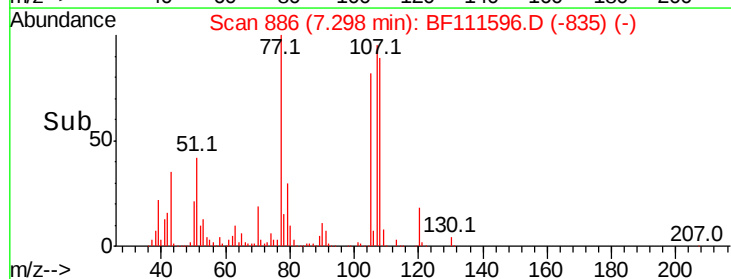
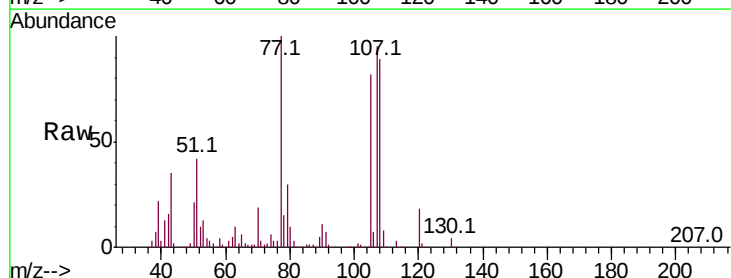
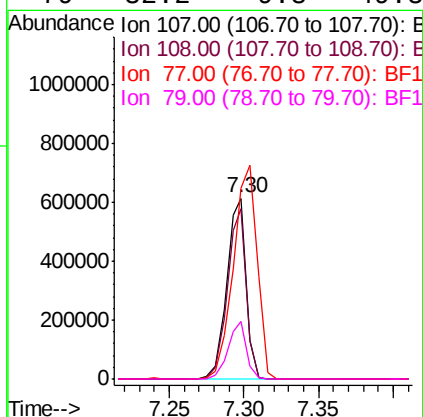
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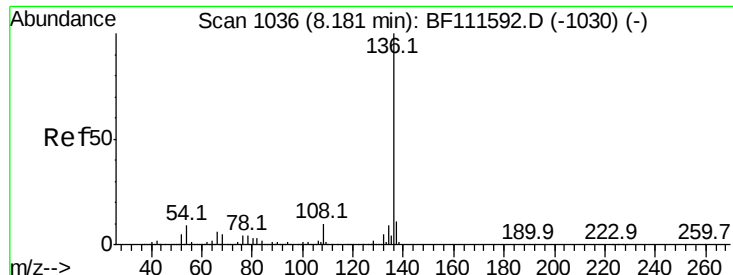
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#20
3+4-Methylphenols
Concen: 39.397 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.4	72.1	112.1	
77	105.7	94.1	134.1	
79	32.2	9.8	49.8	





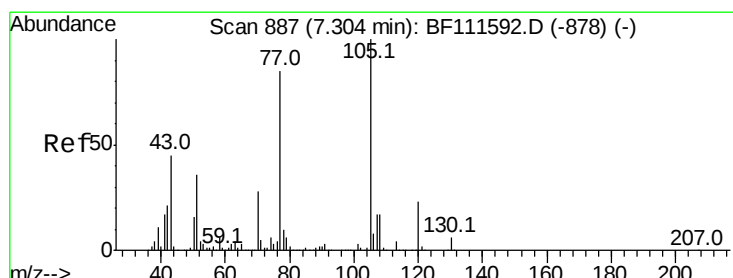
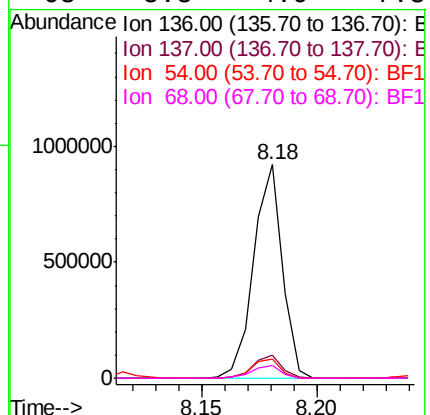
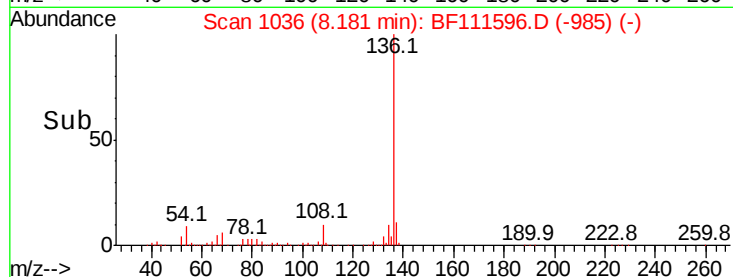
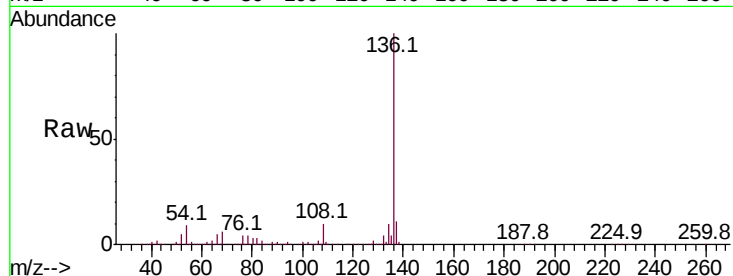
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	8.8	7.7	11.5	
68	5.8	4.9	7.3	

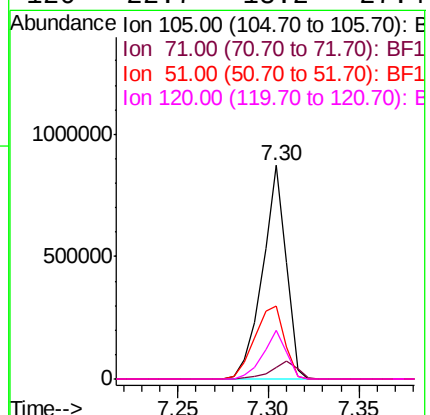
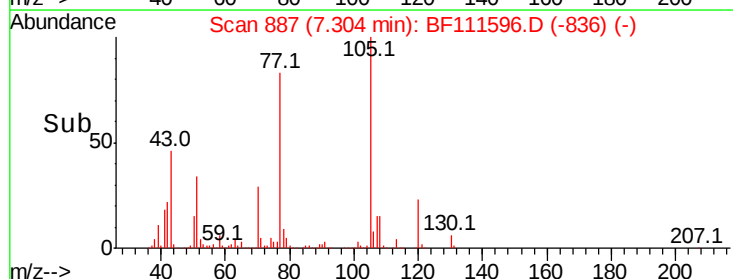
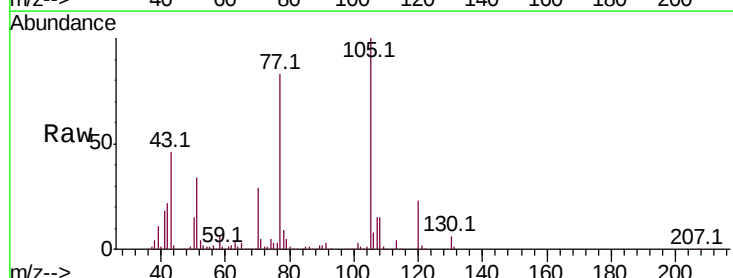
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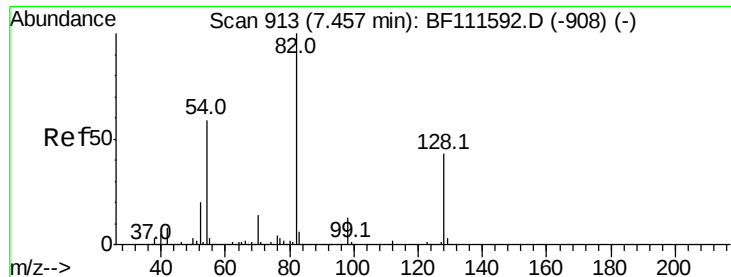
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#22
Acetophenone
Concen: 39.034 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.2	3.1	4.7#	
51	34.3	36.6	54.8#	
120	22.7	18.2	27.4	





#23

Nitrobenzene-d5

Concen: 83.743 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion: 82 Resp: 1152061

Ion Ratio Lower Upper

82 100

128 44.3 37.4 56.2

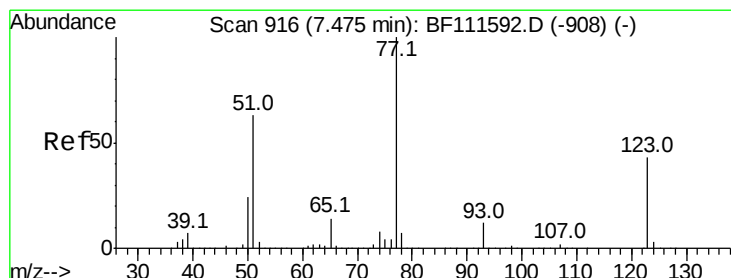
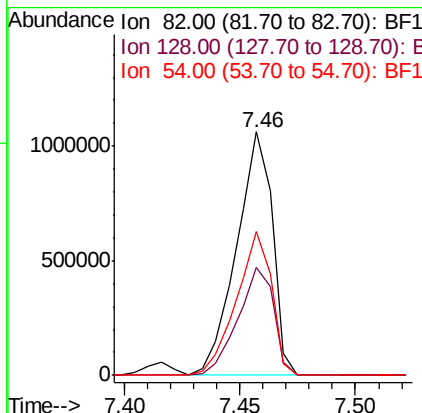
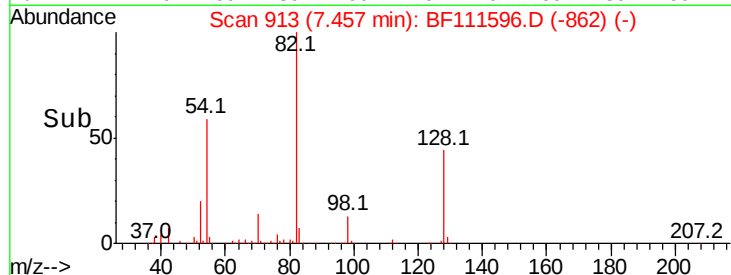
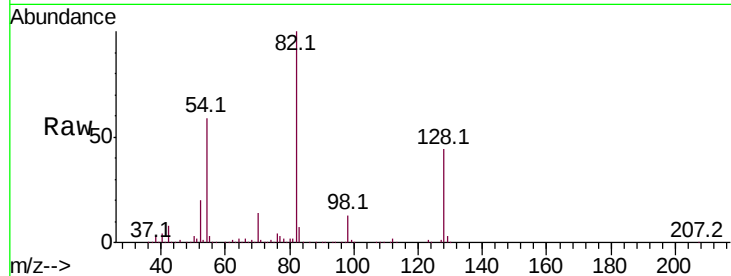
54 59.2 47.6 71.4

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#24

Nitrobenzene

Concen: 41.584 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

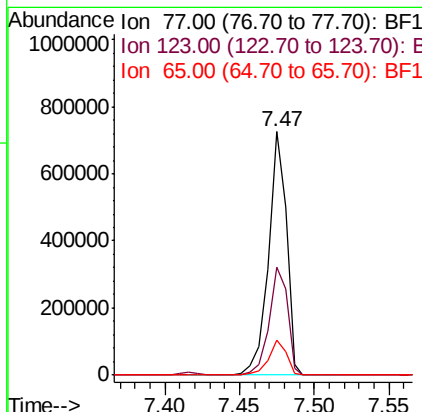
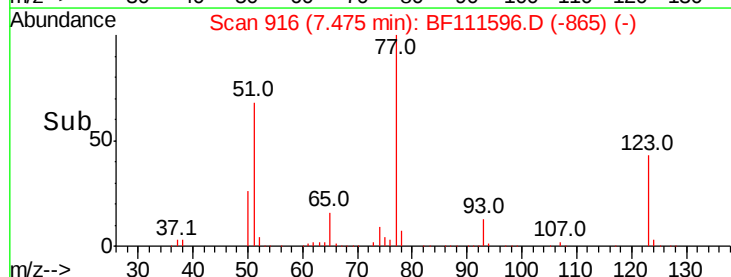
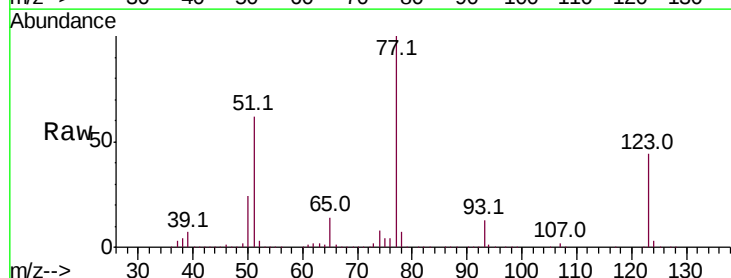
Tgt Ion: 77 Resp: 599579

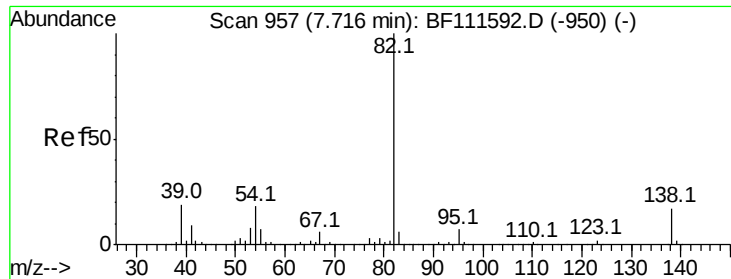
Ion Ratio Lower Upper

77 100

123 44.2 37.2 55.8

65 14.2 11.5 17.3





#25

Isophorone

Concen: 38.948 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

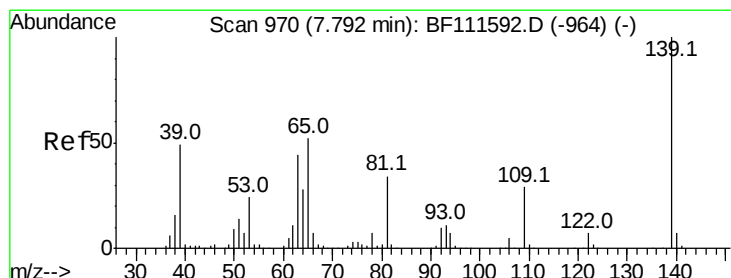
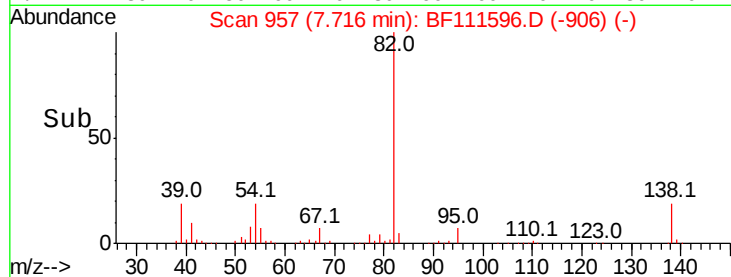
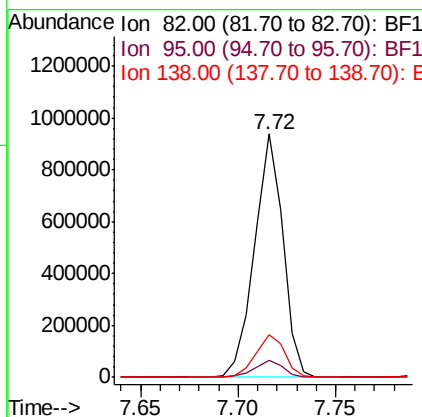
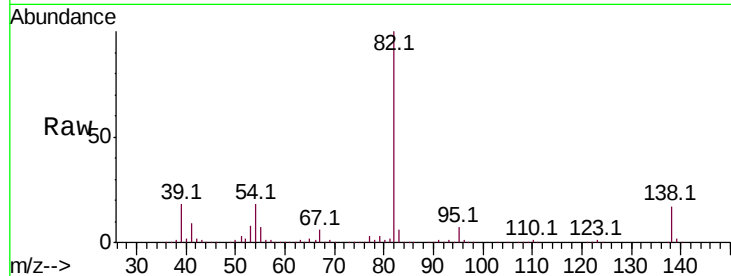
ClientSampleId :

ICVBF121918

Tot Ion:	82	Resp:	951203
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	17.5	15.1	22.7

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#26

2-Nitrophenol

Concen: 44.526 ng

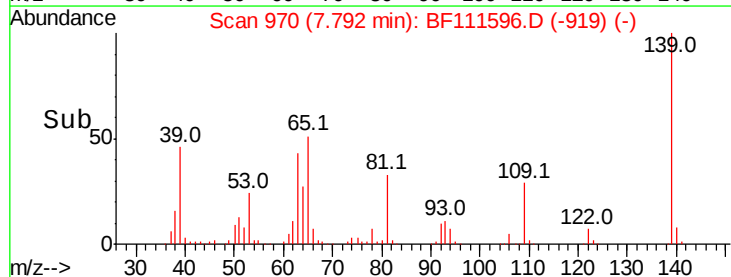
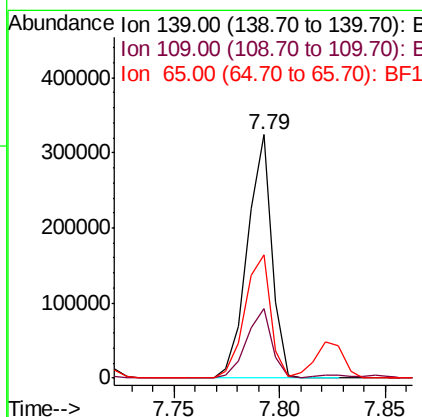
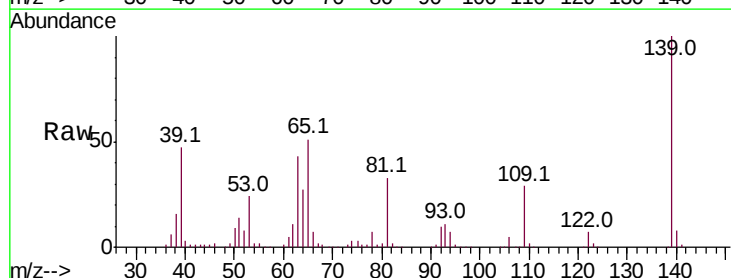
RT: 7.79 min Scan# 970

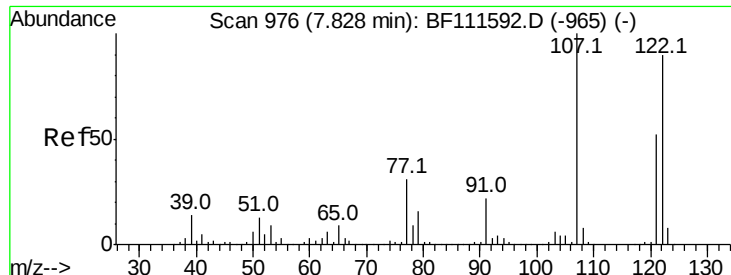
Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:	139	Resp:	260374
Ion Ratio	Lower	Upper	
139	100		
109	28.7	20.2	30.4
65	50.9	40.7	61.1





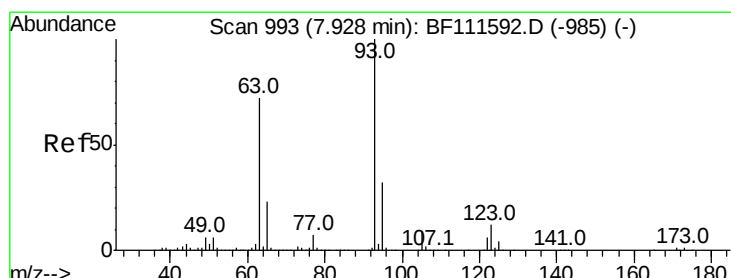
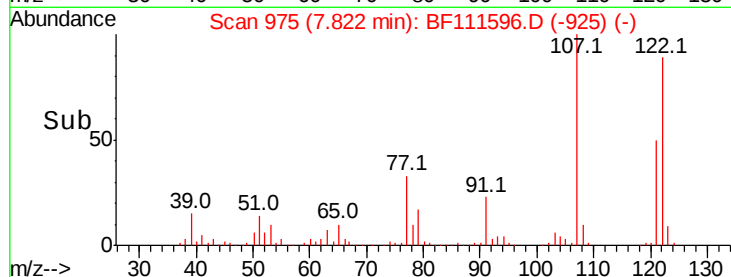
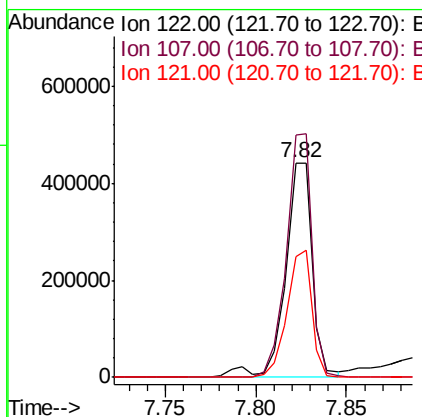
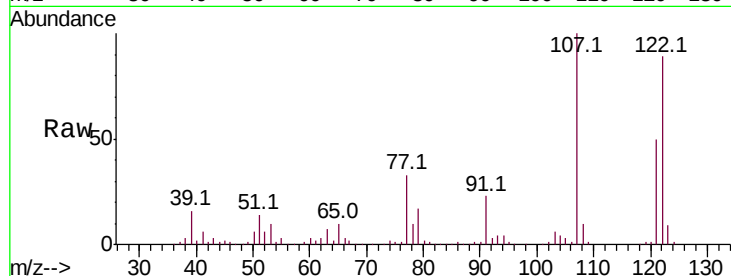
#27
2,4-Dimethylphenol
Concen: 40.086 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	85.5	128.3
121	56.0	46.6	70.0

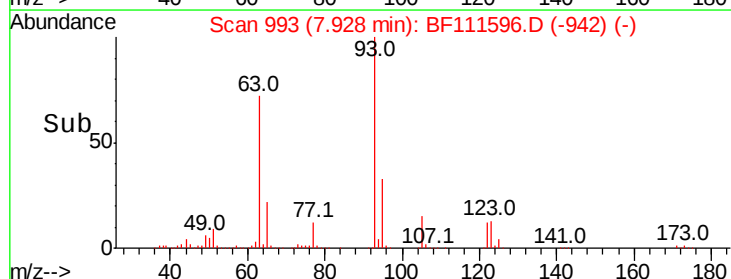
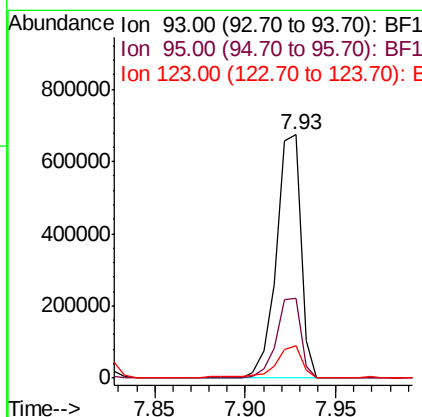
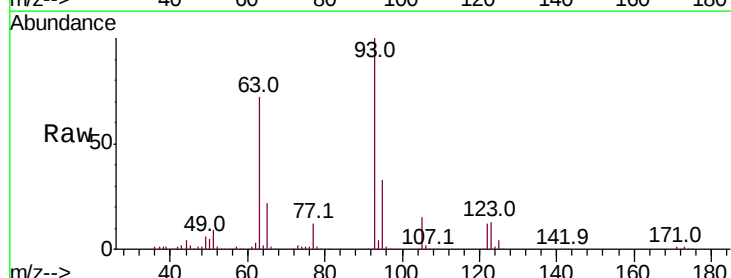
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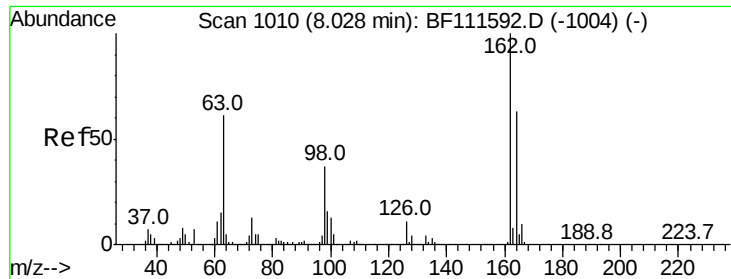
Sohil
12/20/2018 12:41:56 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.999 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.1	40.7
123	13.1	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 39.274 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

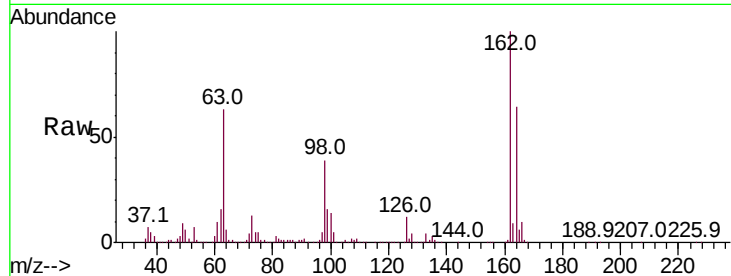
ClientSampleId :

ICVBF121918

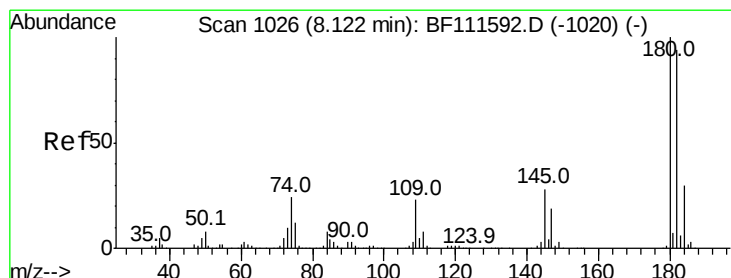
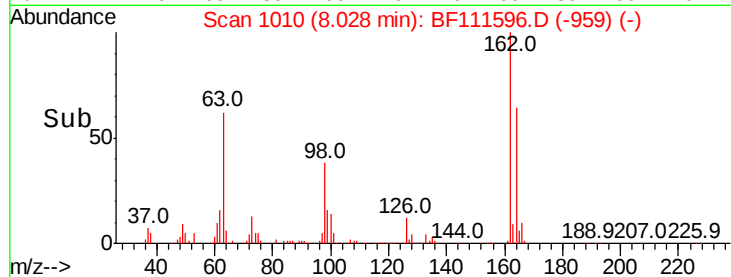
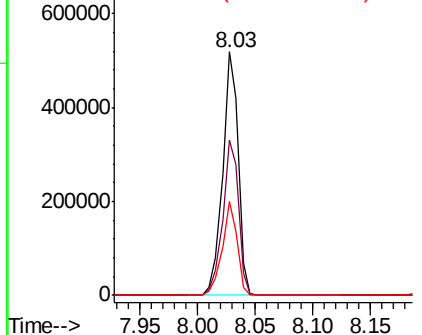
Tot Ion	Ratio	Resp	Lower	Upper
162	100	486955		
164	63.7	44.4	84.4	
98	38.5	20.3	60.3	

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



#30

1,2,4-Trichlorobenzene

Concen: 39.181 ng

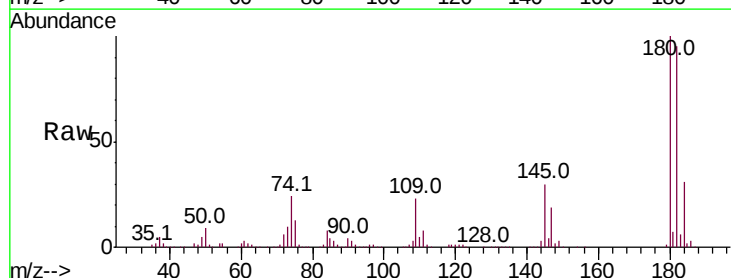
RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

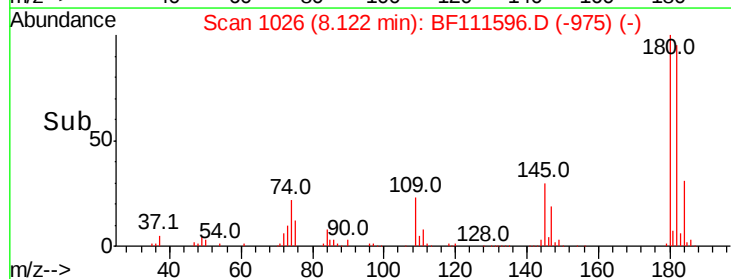
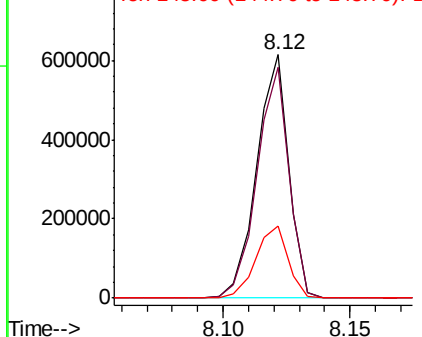
Lab File: BF111596.D

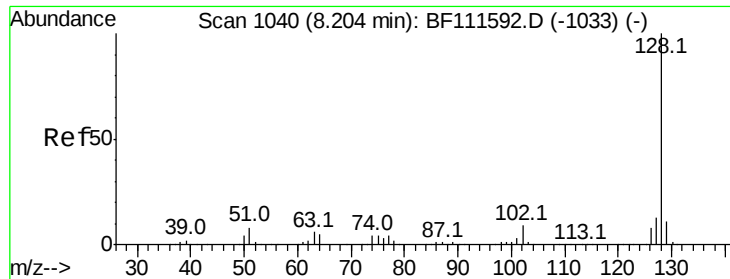
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	541349		
182	94.9	75.6	113.4	
145	29.6	26.7	40.1	



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





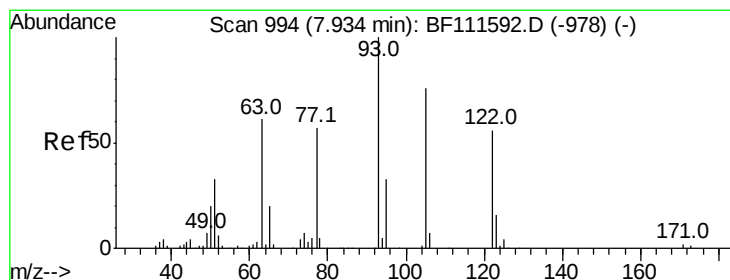
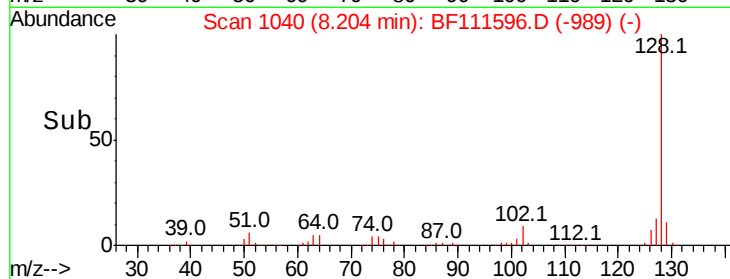
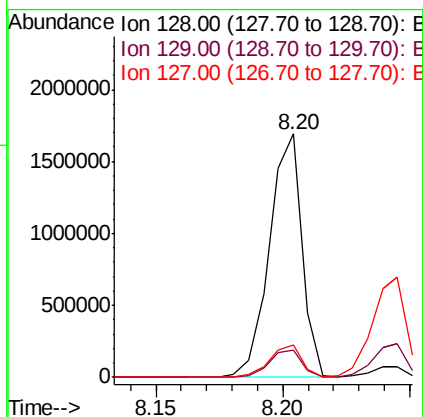
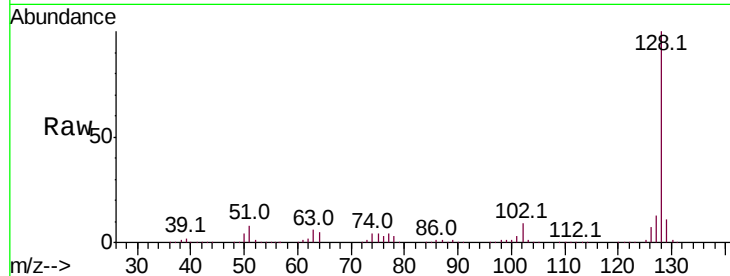
#31
Naphthalene
Concen: 39.721 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	13.4	12.0	18.0

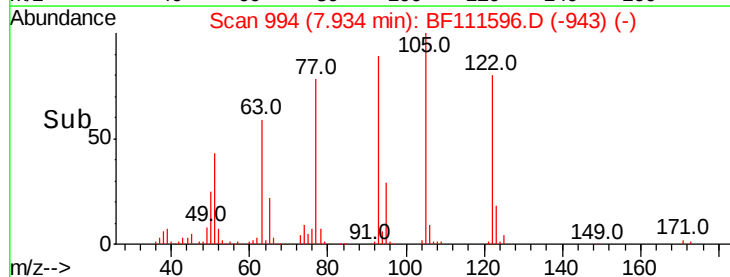
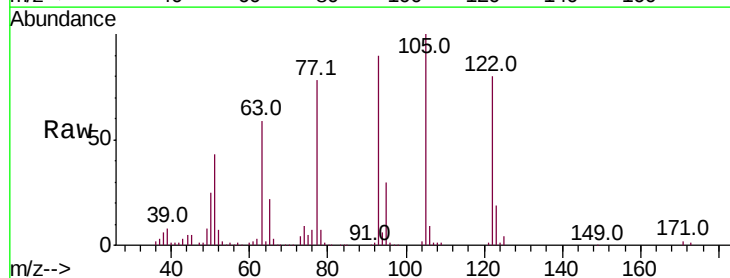
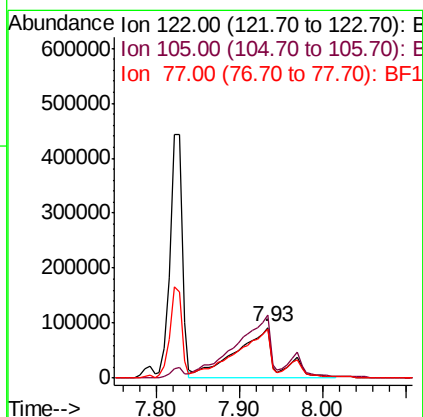
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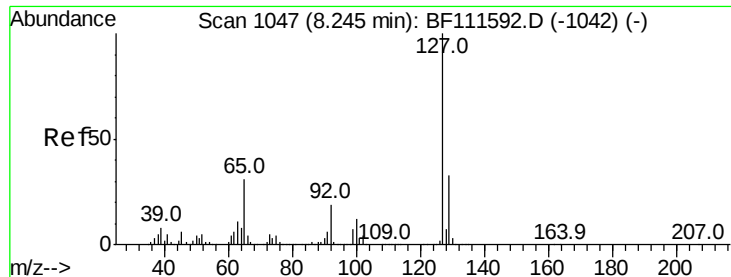
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#32
Benzoic acid
Concen: 41.636 ng m
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	97.0	137.0
77	98.4	65.7	105.7





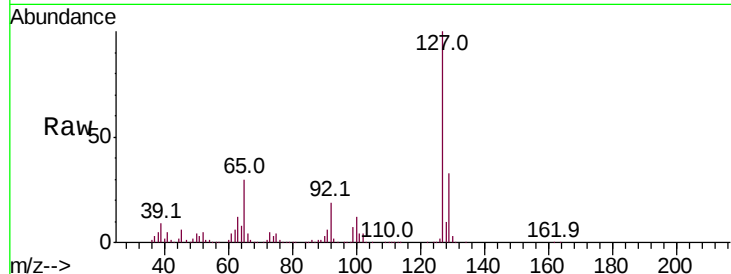
#33
 4-Chloroaniline
 Concen: 38.838 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

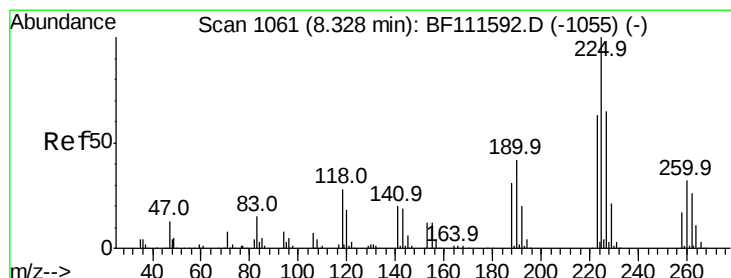
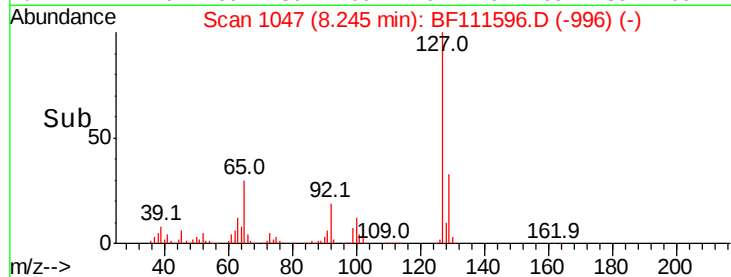
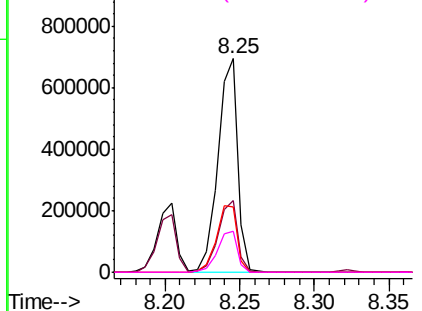
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	26.6	39.8	
65	30.3	25.7	38.5	
92	19.4	15.4	23.2	

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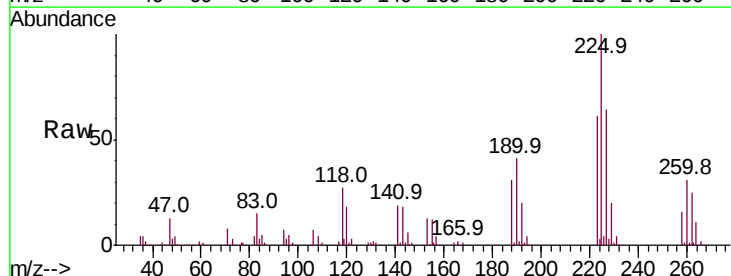


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

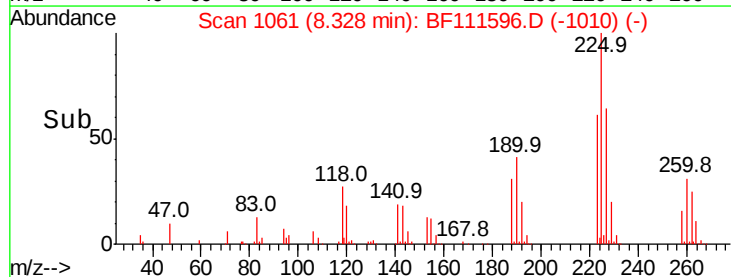
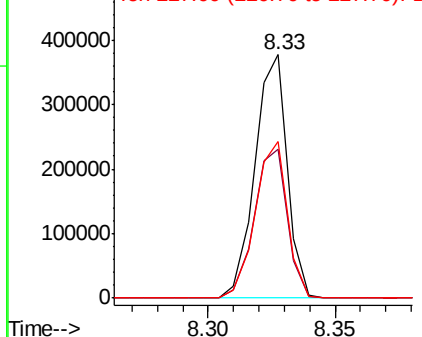


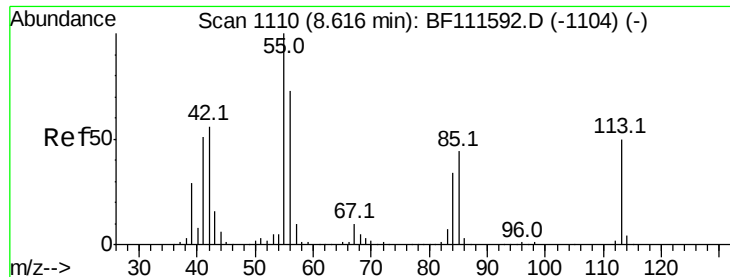
#34
 Hexachlorobutadiene
 Concen: 39.729 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.0	50.7	76.1	
227	64.3	52.6	78.8	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





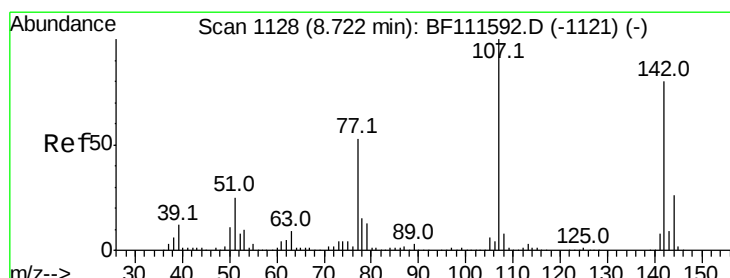
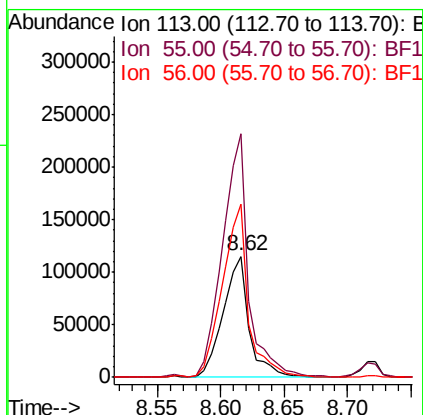
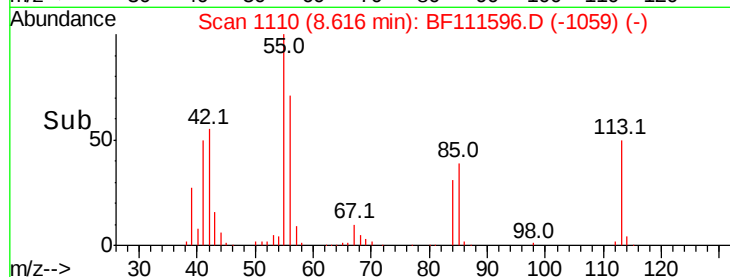
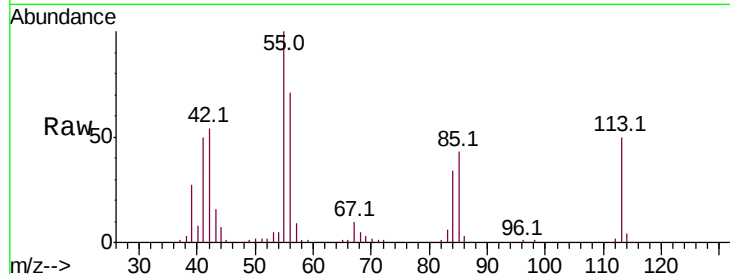
#35
 Caprolactam
 Concen: 38.890 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		163391		
55	200.9	184.1	224.1		
56	142.6	126.0	166.0		

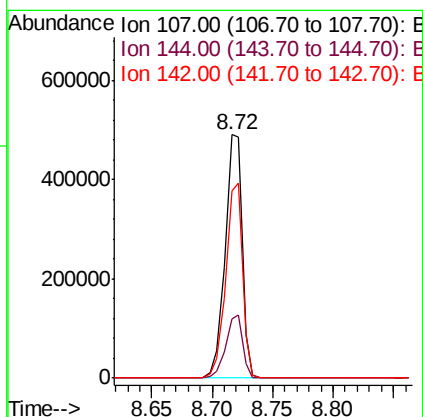
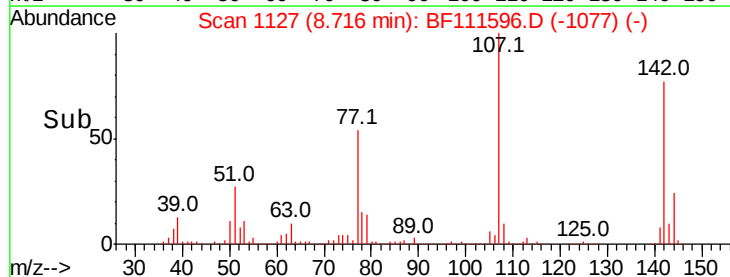
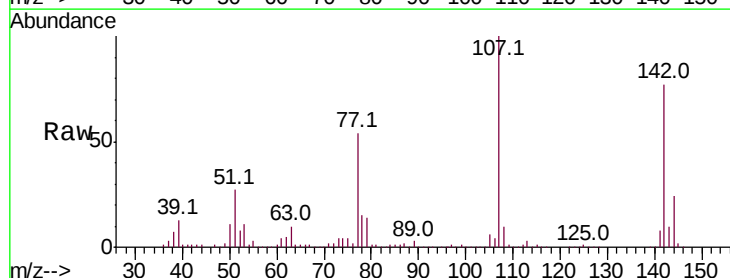
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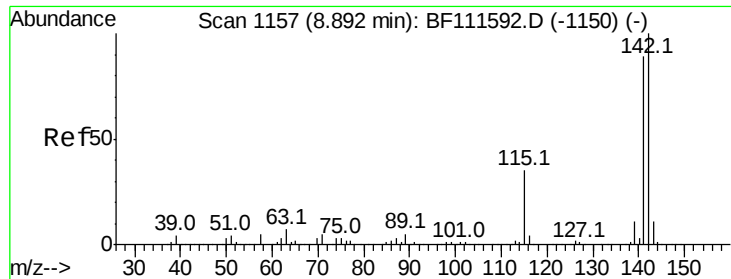
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#36
 4-Chloro-3-methylphenol
 Concen: 39.691 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		483755		
144	24.4	19.8	29.6		
142	77.1	62.3	93.5		





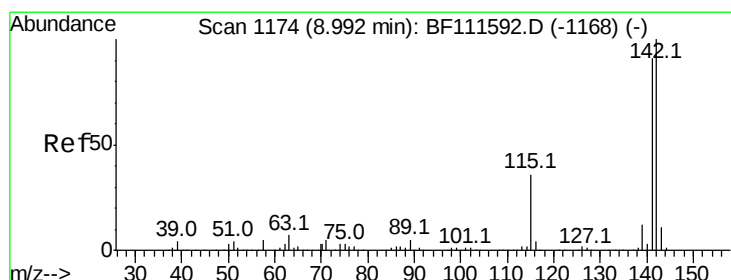
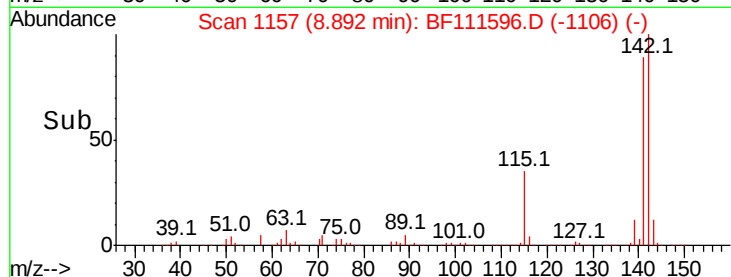
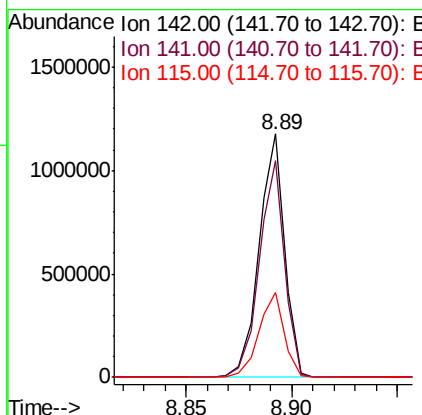
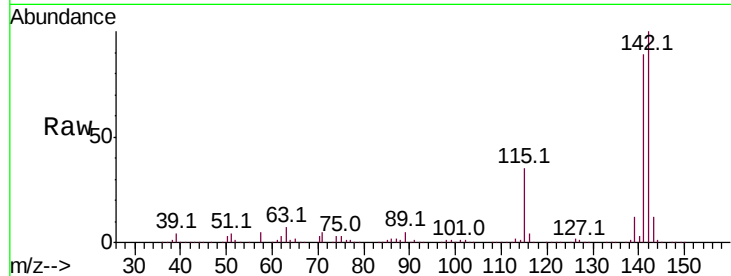
#37
2-Methylnaphthalene
Concen: 39.342 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.6	105.8
115	34.7	27.0	40.6

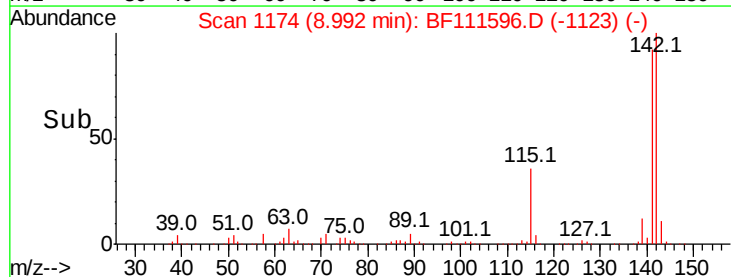
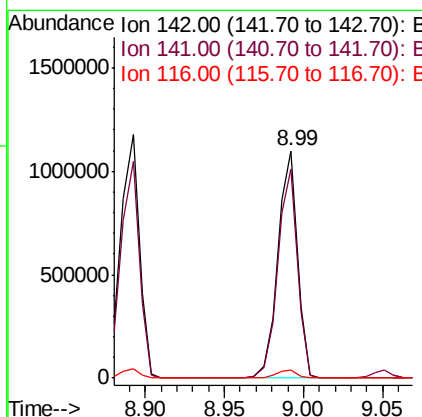
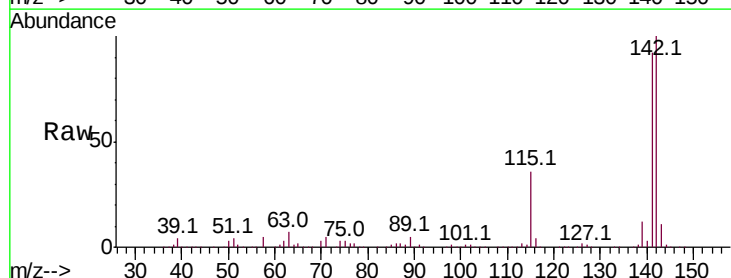
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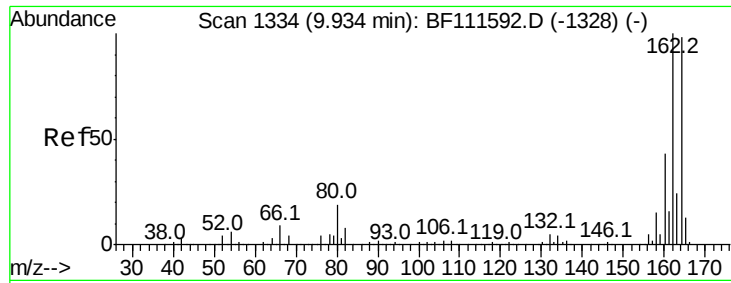
Sohil
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#38
1-Methylnaphthalene
Concen: 39.314 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.8	2.9	4.3





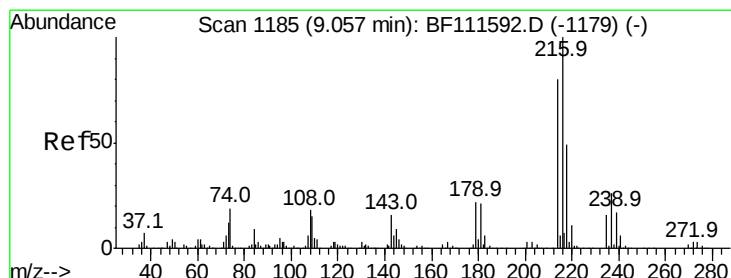
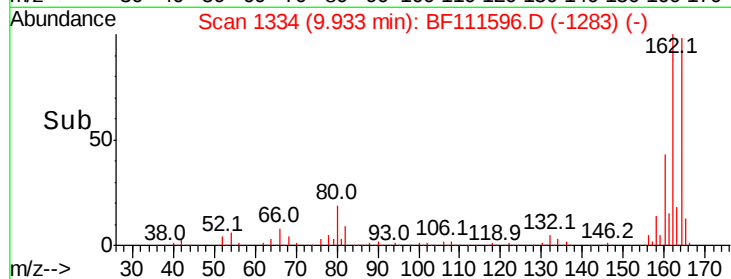
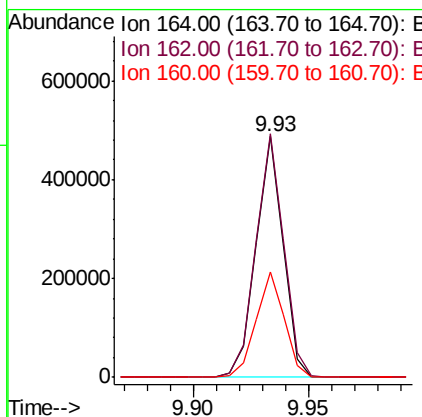
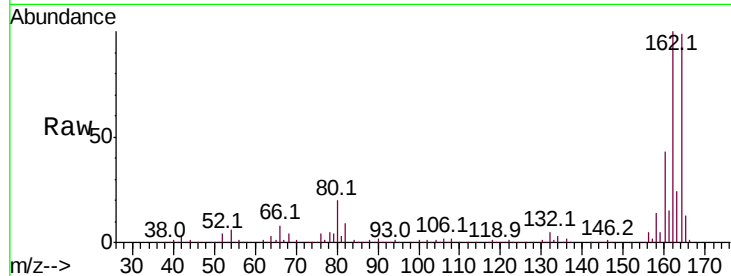
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Resp	Lower	Upper
164	100	401955		
162	101.2	81.4	122.0	
160	43.8	35.7	53.5	

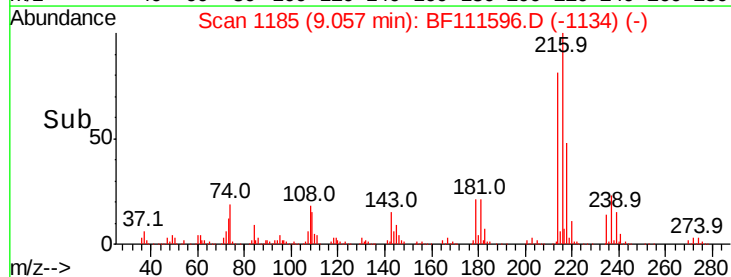
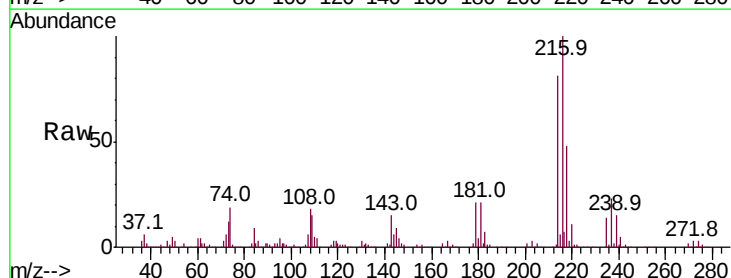
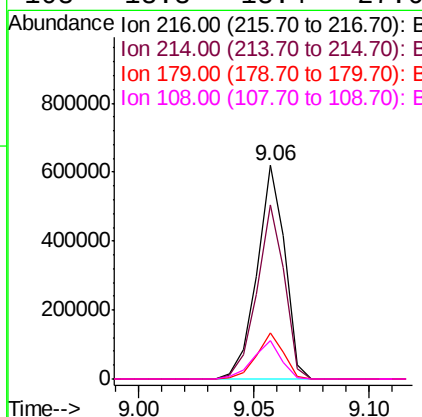
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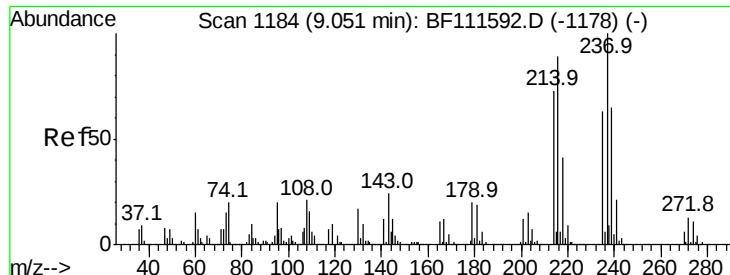
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.413 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	520572		
214	80.2	63.8	95.8	
179	21.0	17.9	26.9	
108	18.3	18.4	27.6#	





#41

Hexachlorocyclopentadiene

Concen: 37.928 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

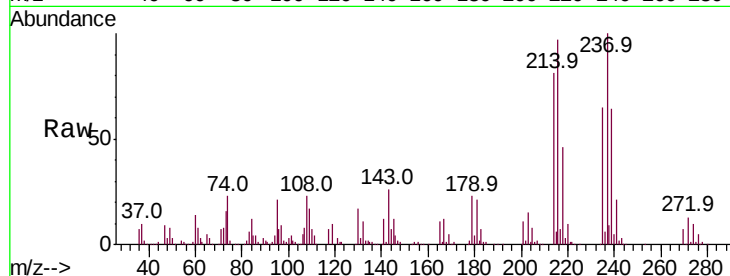
ClientSampleId :

ICVBF121918

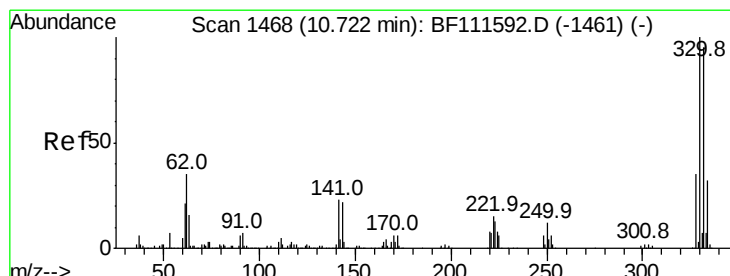
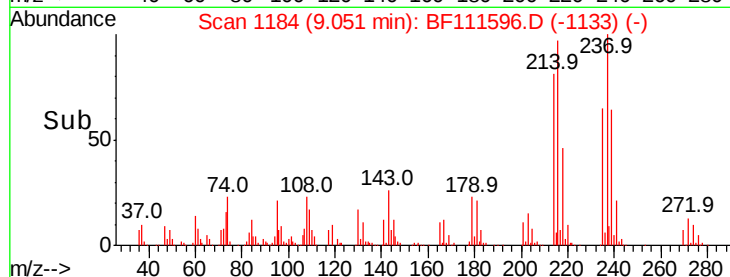
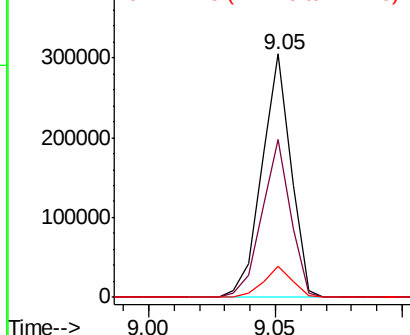
Tot Ion:	237	Resp:	243096
Ion Ratio	Lower	Upper	
237	100		
235	65.0	43.1	83.1
272	12.6	0.0	33.0

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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: 80.185 ng

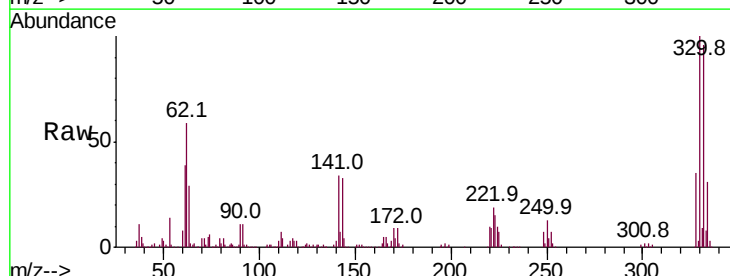
RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

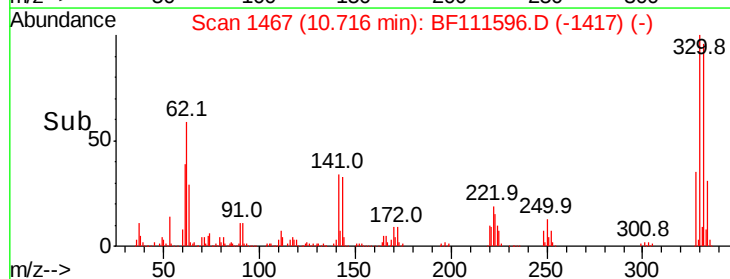
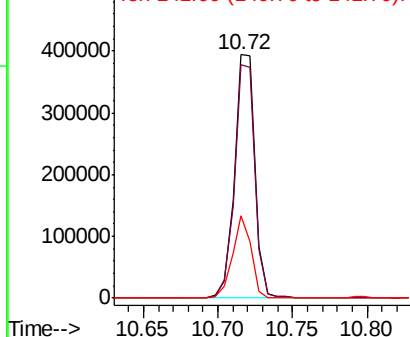
Lab File: BF111596.D

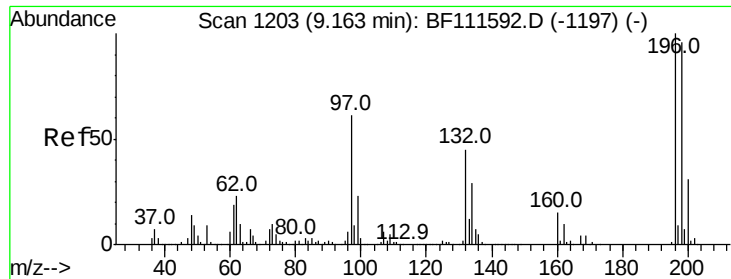
Acq: 19 Dec 2018 17:34

Tgt Ion:	330	Resp:	380830
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.0	114.0
141	31.0	31.0	46.6#



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





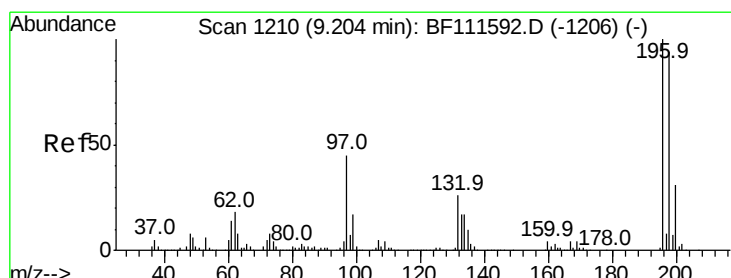
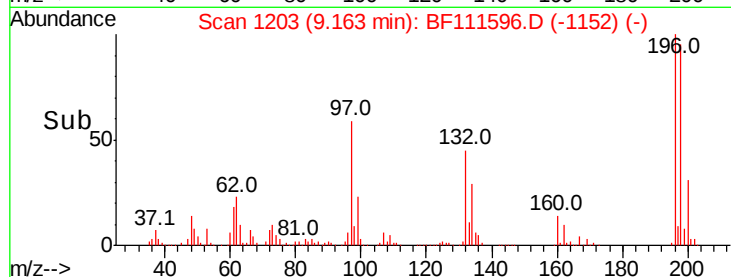
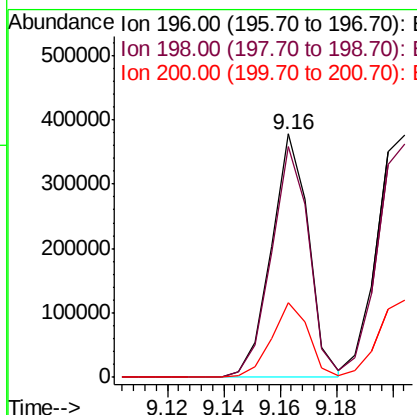
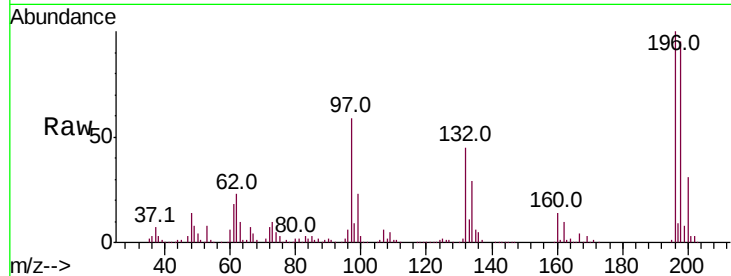
#43
 2,4,6-Trichlorophenol
 Concen: 39.162 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleID :
 ICVBF121918

Tot Ion	Ratio	Resp	Lower	Upper
196	100	345351		
198	95.0	76.3	114.5	
200	30.6	24.9	37.3	

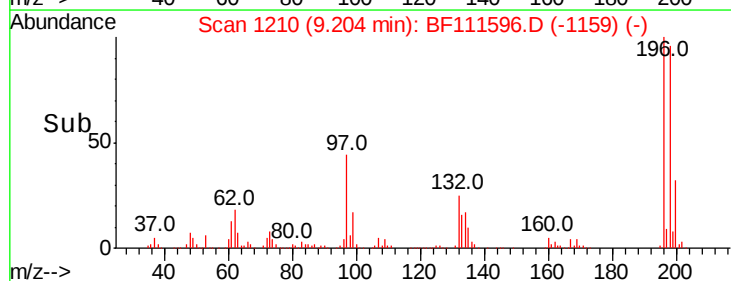
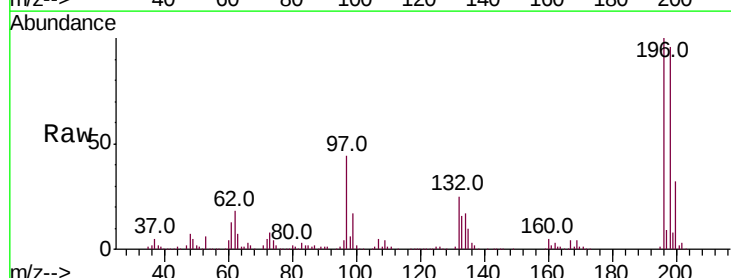
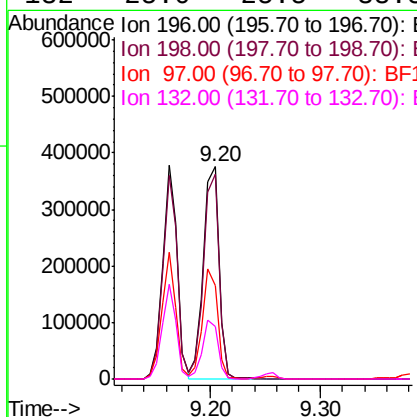
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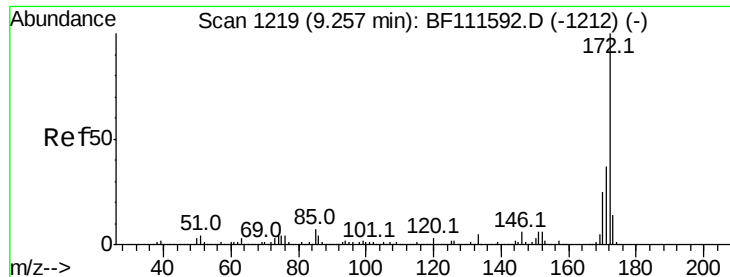
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#44
 2,4,5-Trichlorophenol
 Concen: 39.821 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	360252		
198	96.4	72.9	109.3	
97	44.1	45.3	67.9#	
132	25.0	25.5	38.3#	





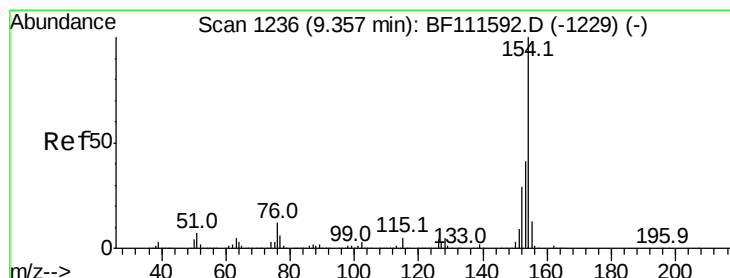
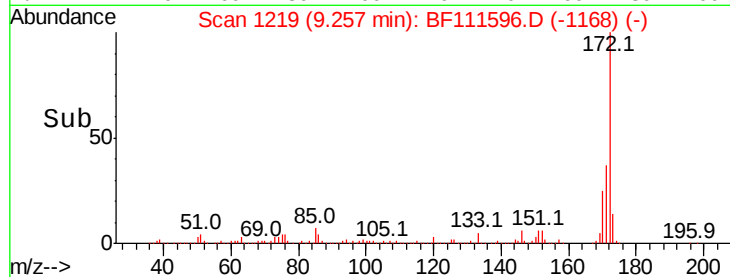
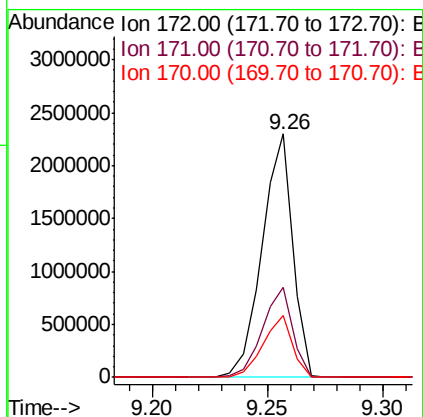
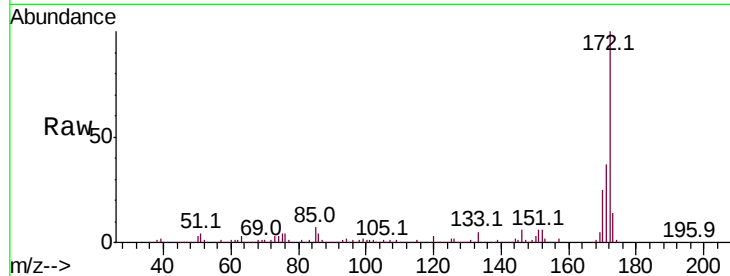
#45
2-Fluorobiphenyl
Concen: 77.077 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	33.0	49.4
170	25.3	22.3	33.5

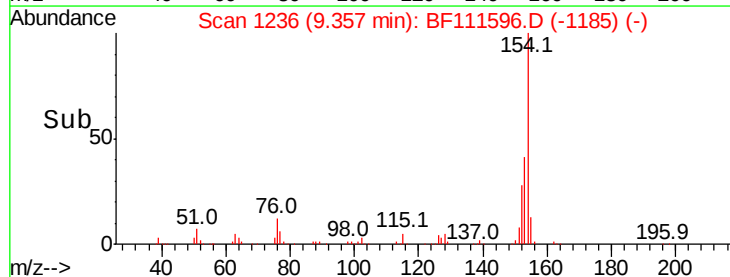
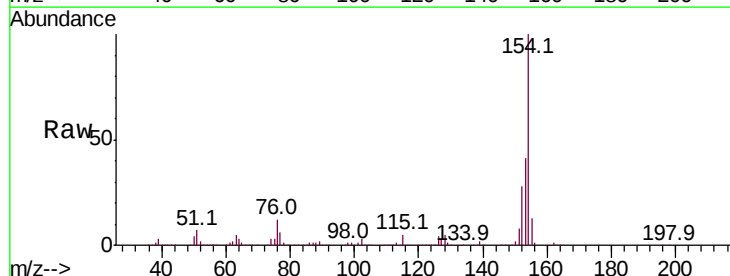
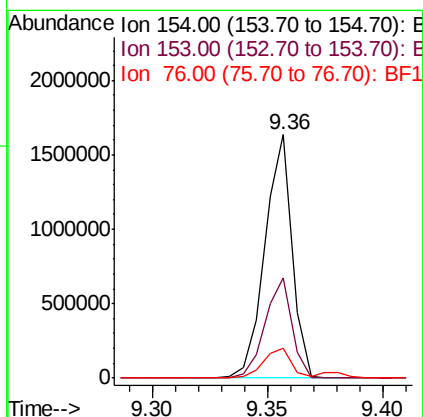
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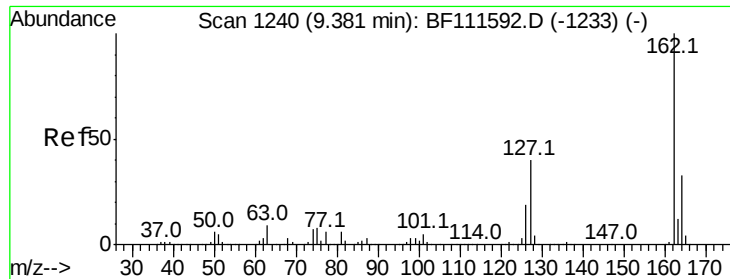
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#46
1,1'-Biphenyl
Concen: 39.423 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.7	63.7
76	12.1	0.0	35.0





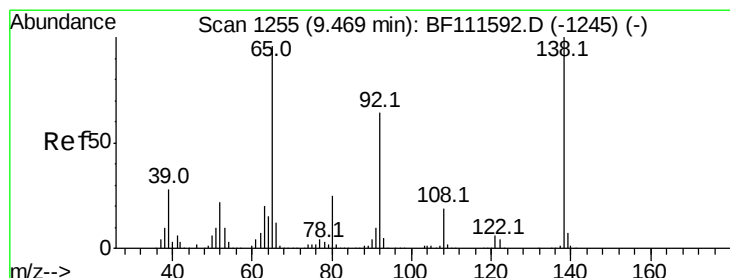
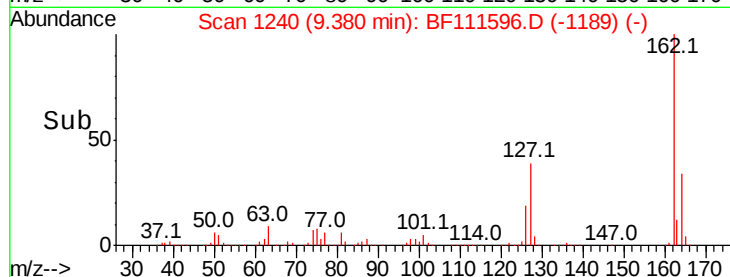
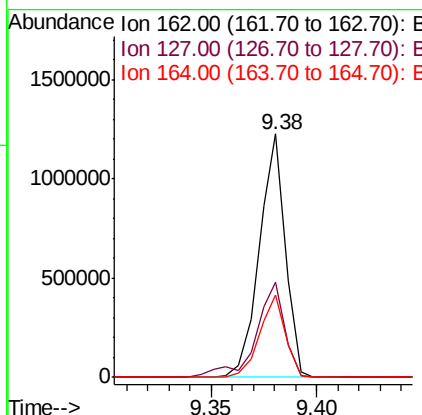
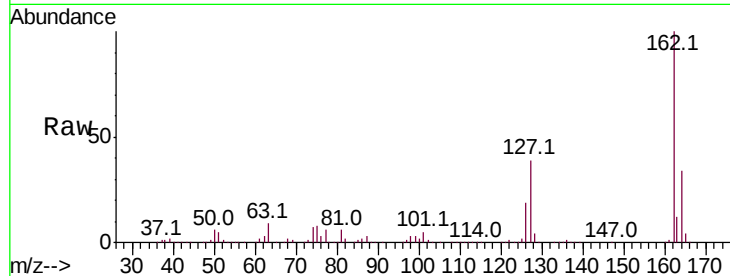
#47
 2-Chloronaphthalene
 Concen: 38.974 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	35.0	52.4
164	33.7	28.4	42.6

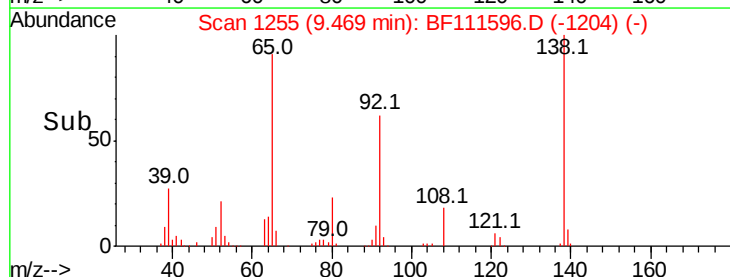
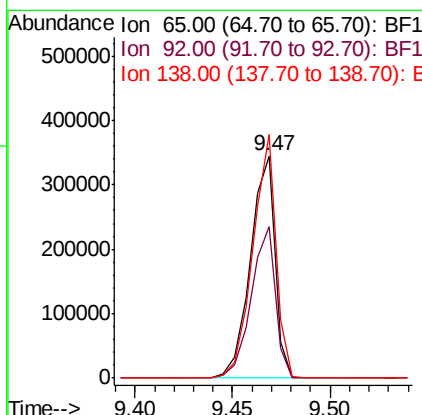
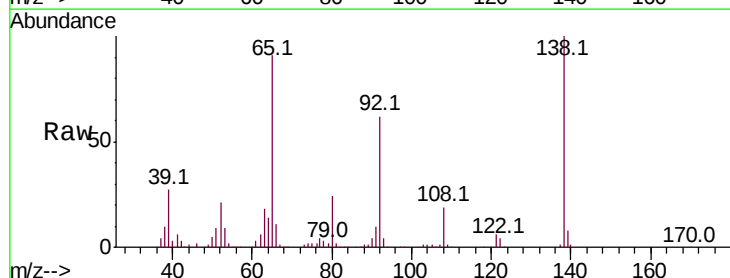
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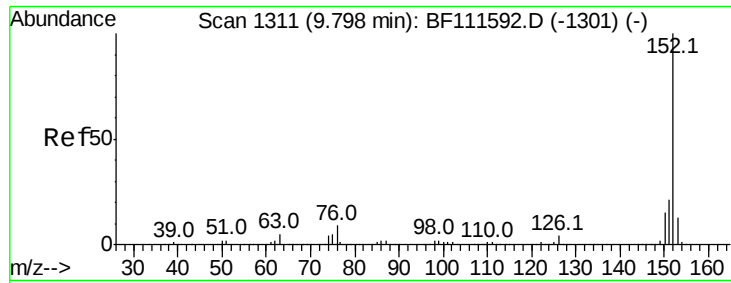
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#48
 2-Nitroaniline
 Concen: 43.116 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.5	80.3
138	109.5	80.9	121.3





#49

Acenaphthylene

Concen: 39.585 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:152 Resp: 1553759

Ion Ratio Lower Upper

152 100

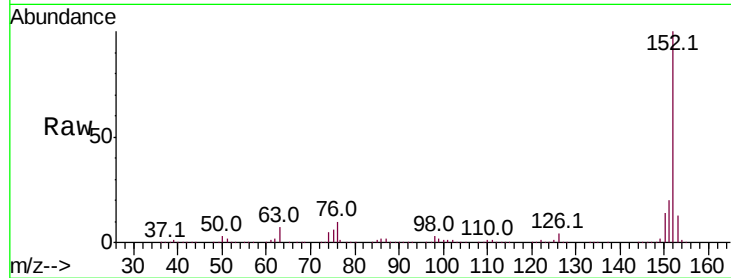
151 20.4 18.0 27.0

153 13.5 12.3 18.5

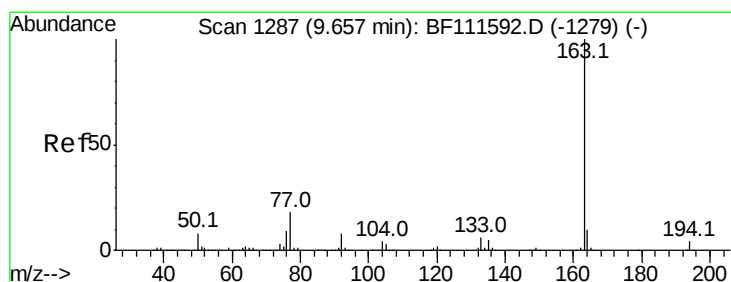
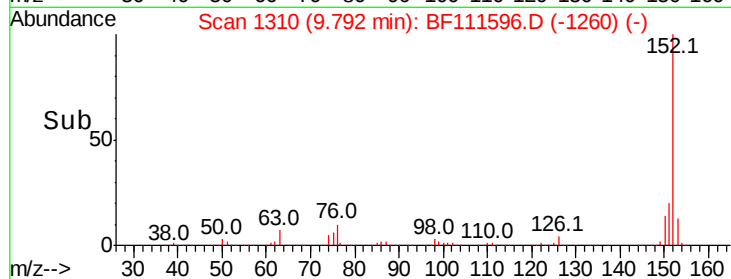
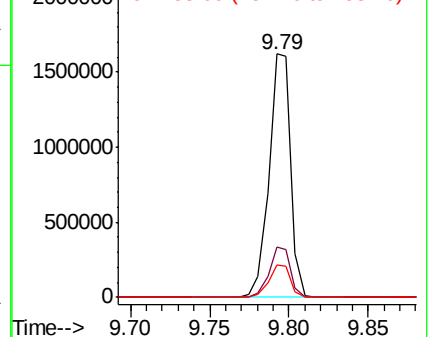
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.729 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

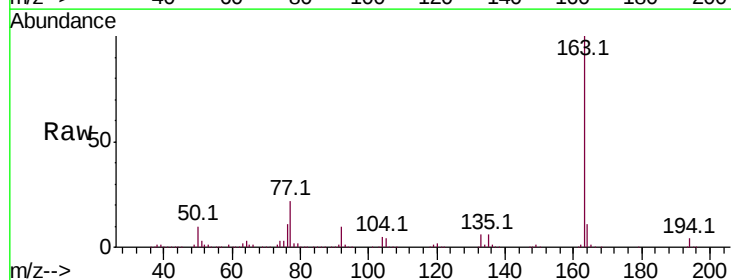
Tgt Ion:163 Resp: 1167791

Ion Ratio Lower Upper

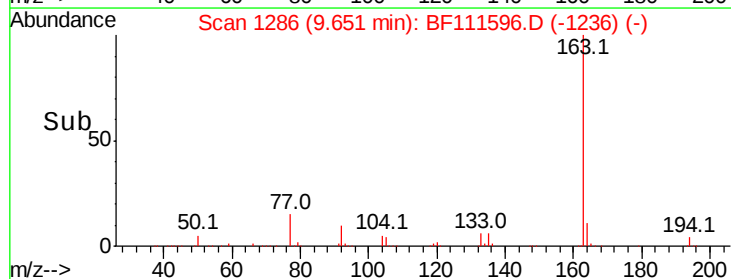
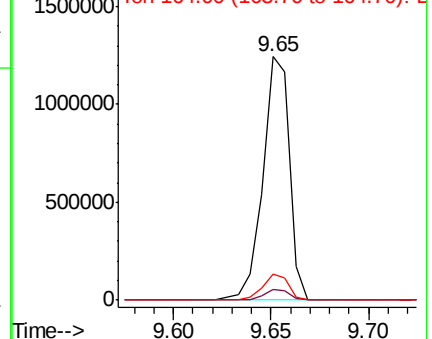
163 100

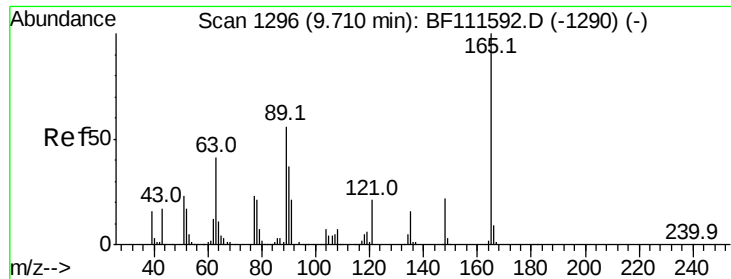
194 4.2 3.0 4.6

164 10.7 8.9 13.3



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: 43.183 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

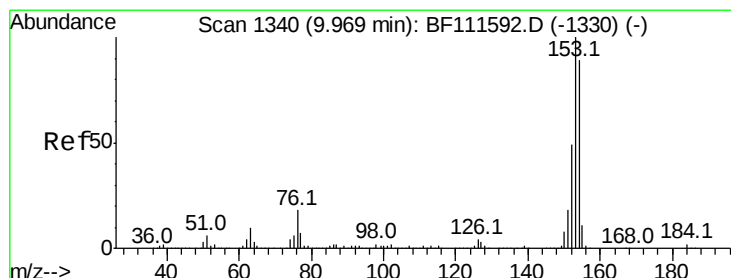
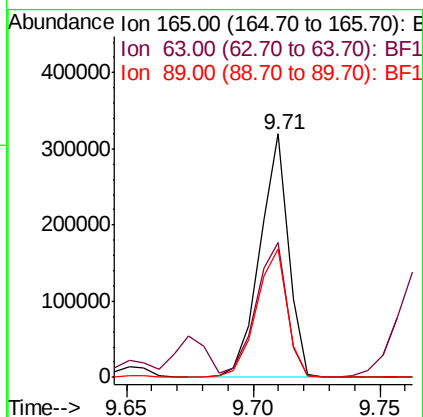
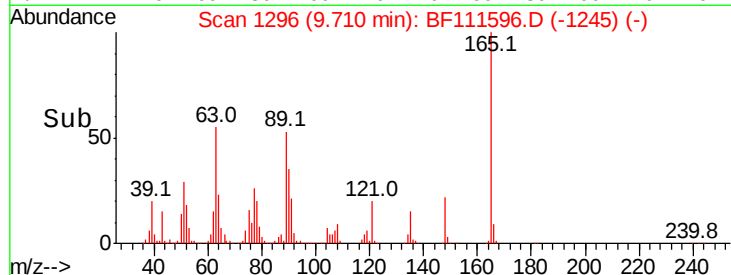
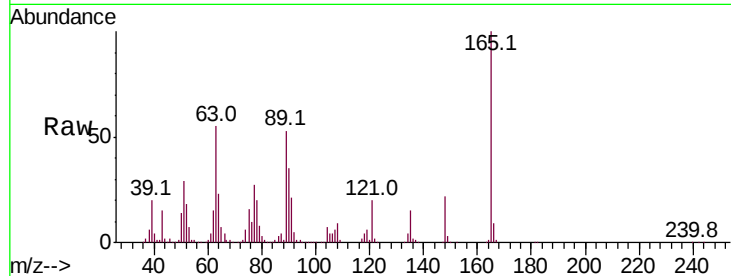
ClientSampleId :

ICVBF121918

Tot Ion:	165	Resp:	253102
Ion Ratio	Lower	Upper	
165	100		
63	55.4	40.5	60.7
89	52.6	40.0	60.0

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#52

Acenaphthene

Concen: 39.773 ng

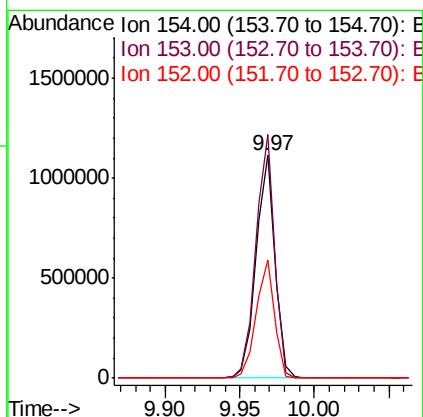
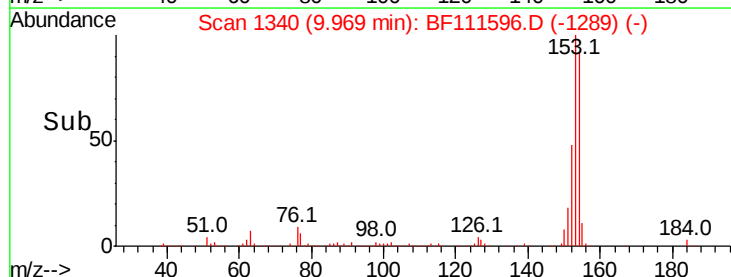
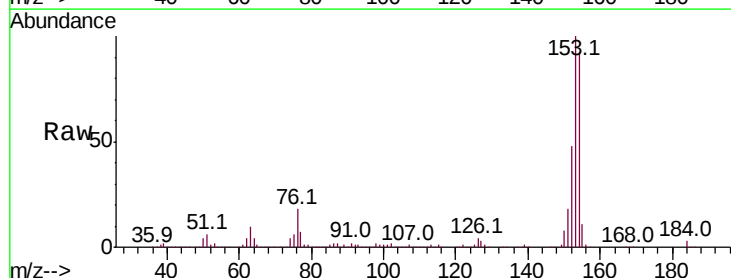
RT: 9.97 min Scan# 1340

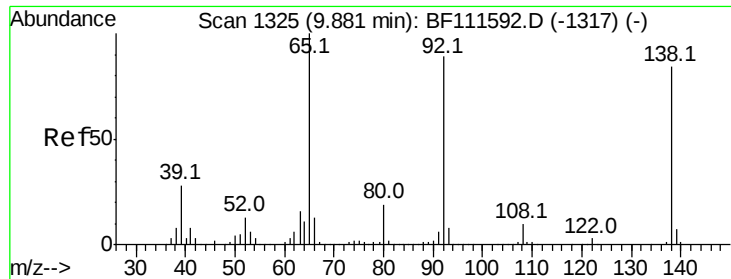
Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:	154	Resp:	962837
Ion Ratio	Lower	Upper	
154	100		
153	109.2	87.8	131.8
152	52.7	43.4	65.2





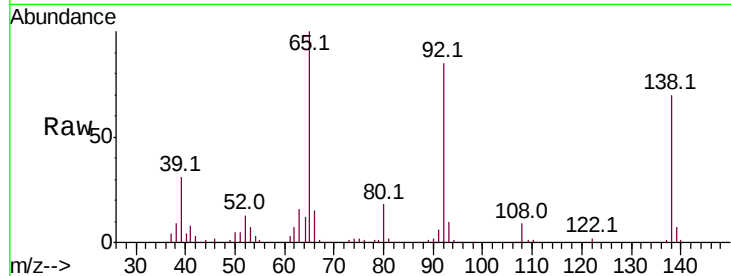
#53
3-Nitroaniline
Concen: 43.963 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	8.2	12.4
92	121.1	93.4	140.2

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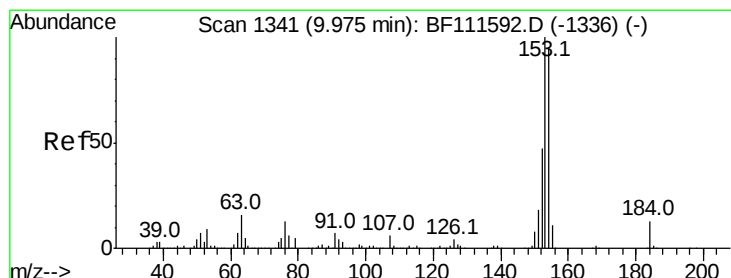
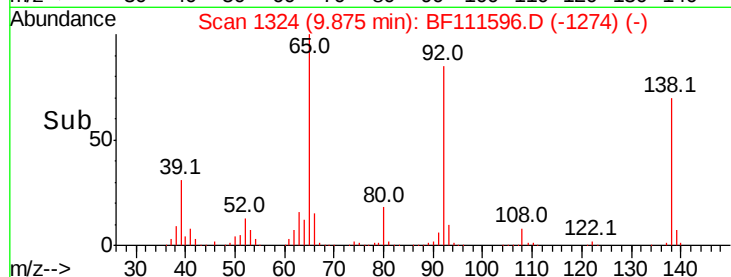
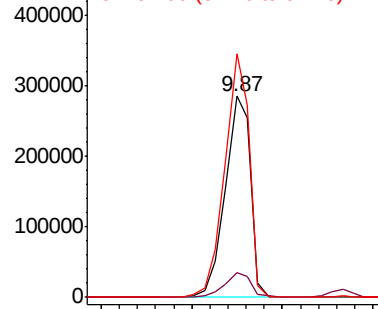


Abundance

Ion 138.00 (137.70 to 138.70): E

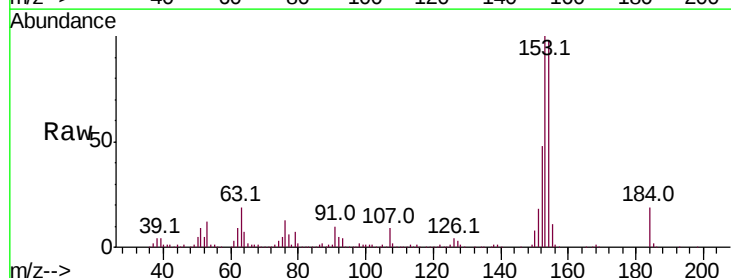
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 42.047 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	104.1	62.3	93.5#
154	530.9	56.2	84.2#

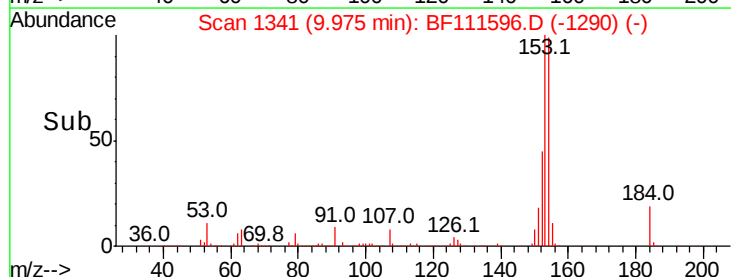
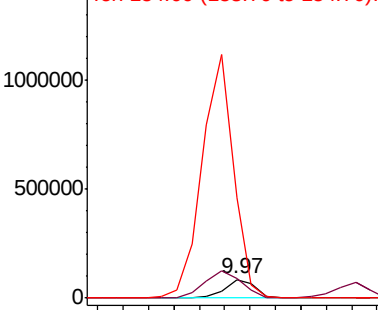


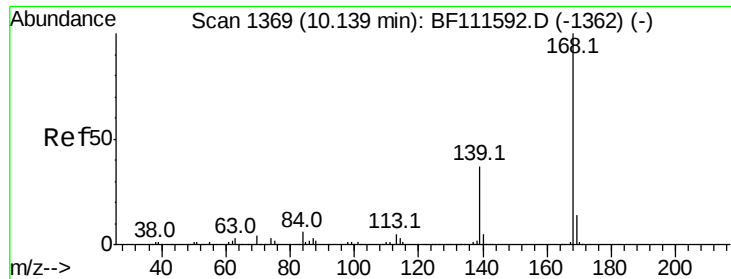
Abundance

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





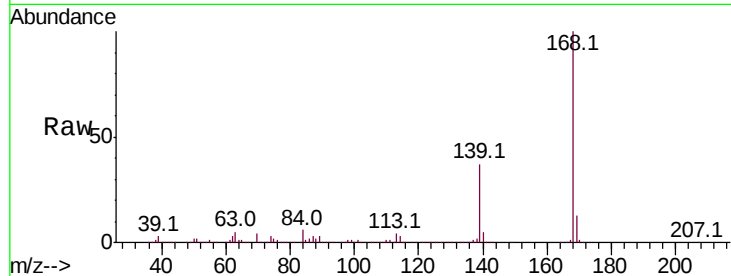
#55
Dibenzofuran
Concen: 39.321 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

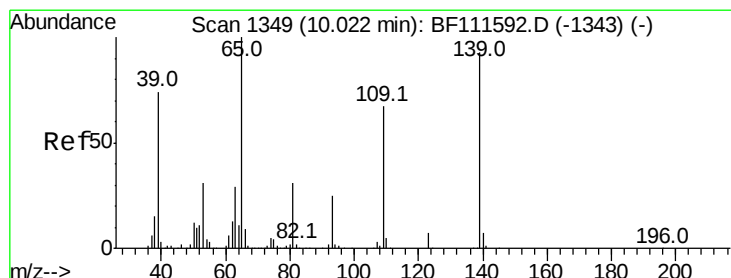
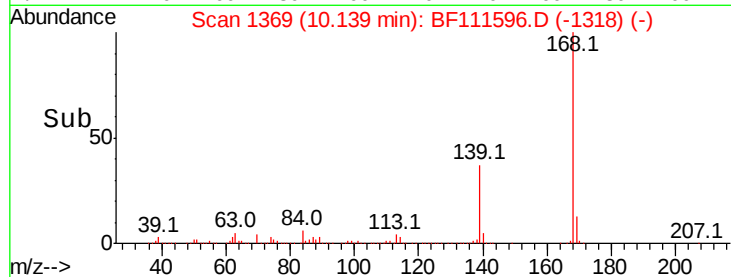
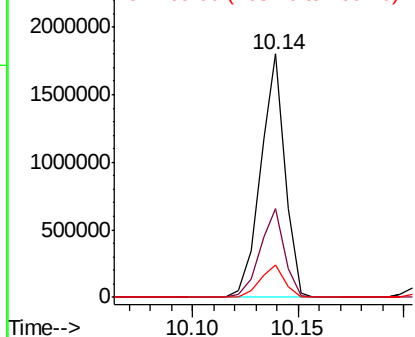
Tot Ion:168 Resp: 1438130
Ion Ratio Lower Upper
168 100
139 36.7 32.6 49.0
169 13.5 11.8 17.6

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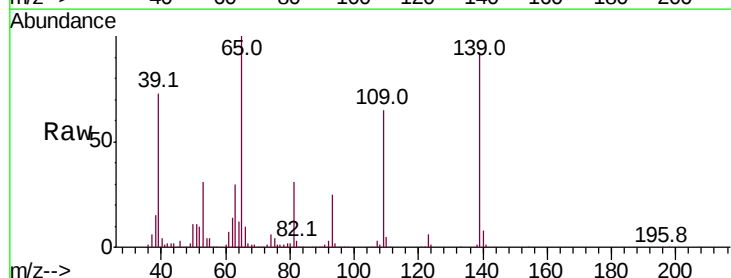


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

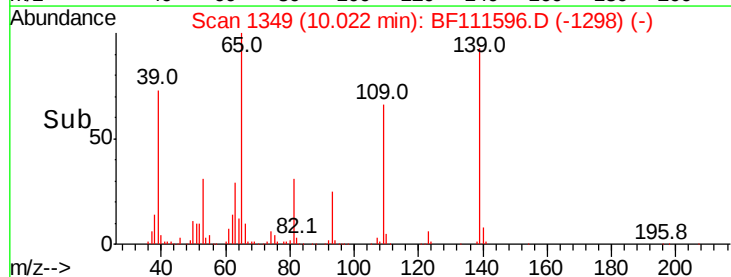
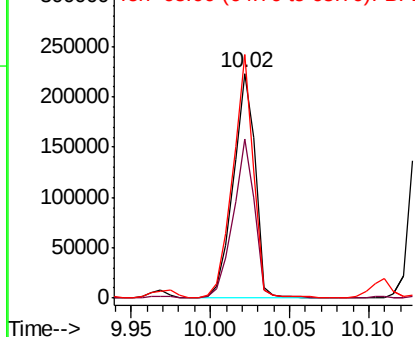


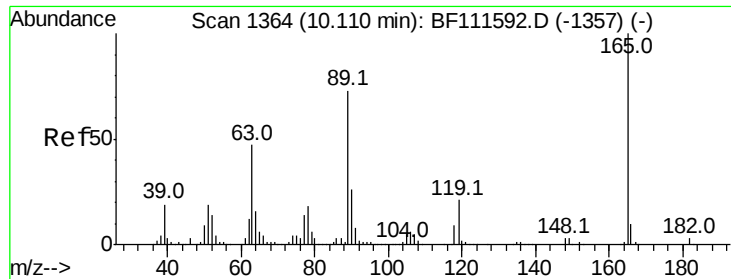
#56
4-Nitrophenol
Concen: 44.797 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:139 Resp: 213698
Ion Ratio Lower Upper
139 100
109 71.0 41.8 81.8
65 108.5 79.6 119.6



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





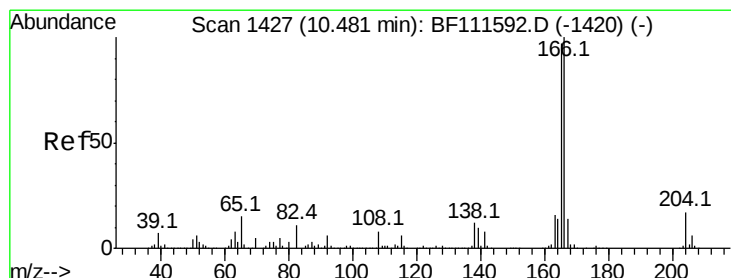
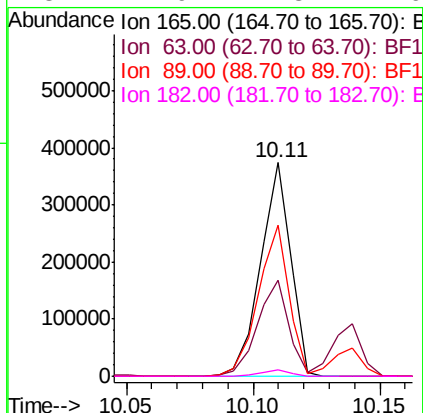
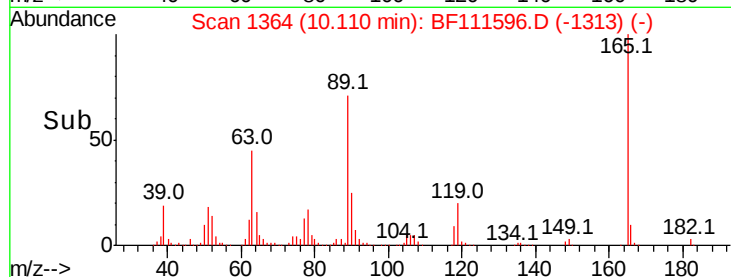
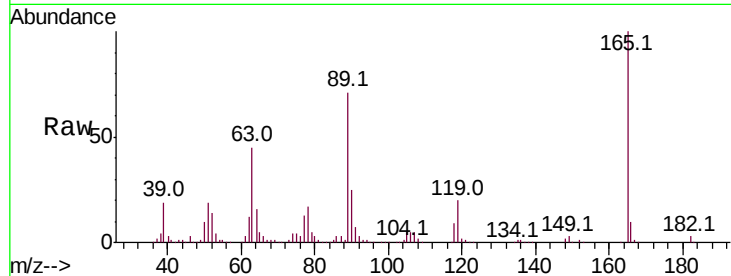
#57
2,4-Dinitrotoluene
Concen: 44.165 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	34.6	52.0
89	70.7	56.2	84.4
182	2.9	1.8	2.6

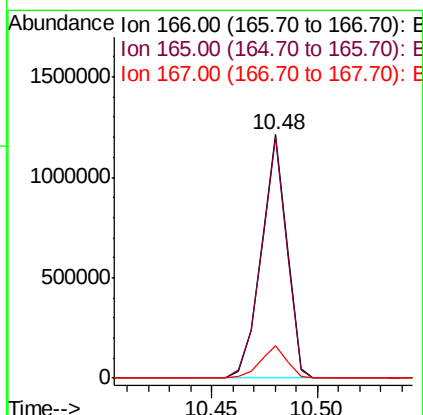
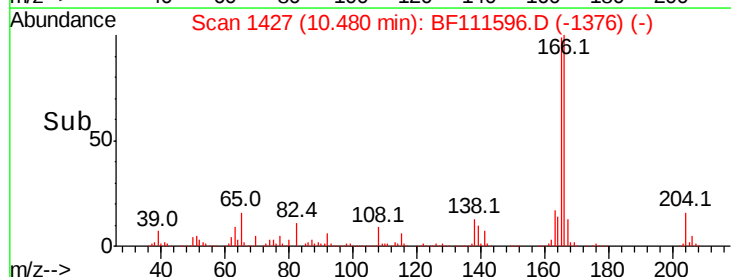
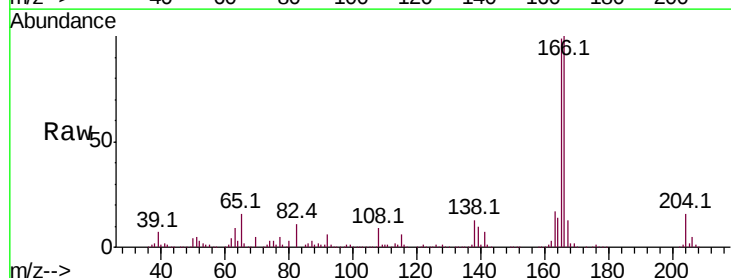
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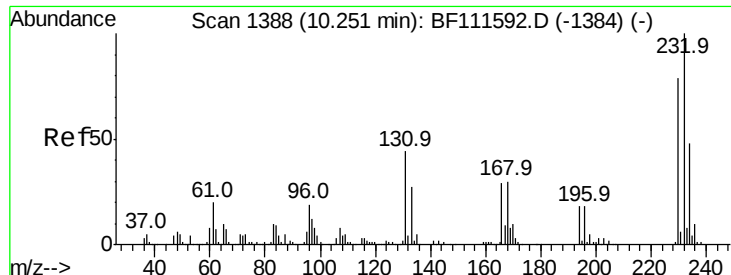
Sohil
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#58
Fluorene
Concen: 38.806 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.4	117.6
167	13.4	11.2	16.8





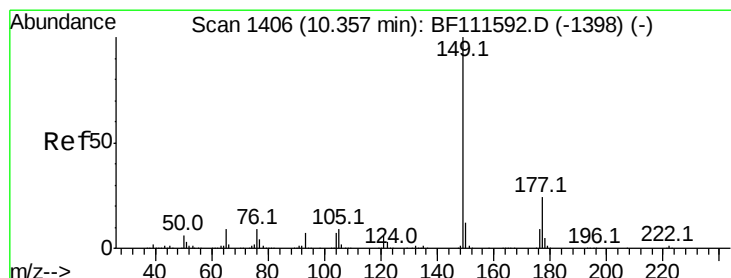
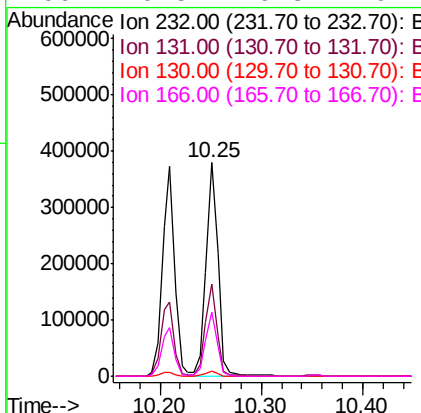
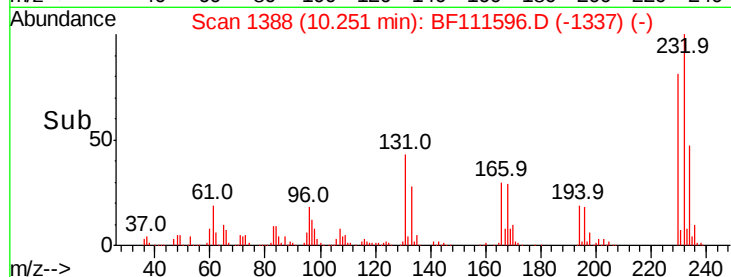
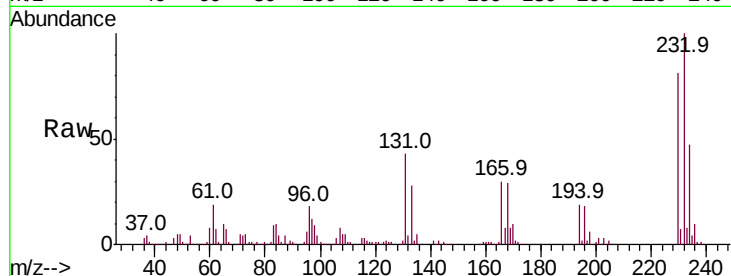
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.686 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ratio	Resp	Lower	Upper
232	100	309764		
131	41.8		40.9	61.3
130	2.1		2.0	3.0
166	29.5		26.8	40.2

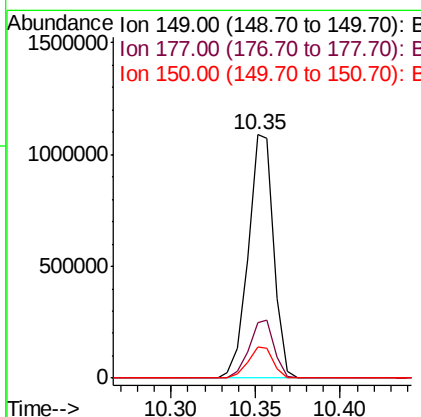
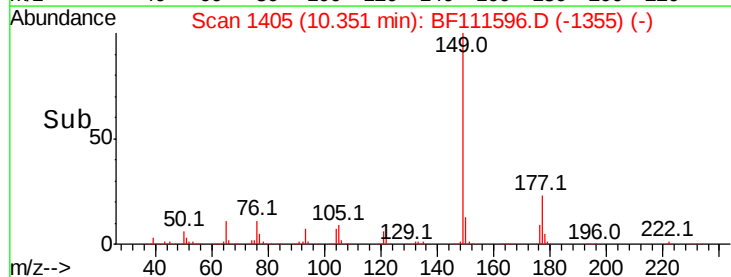
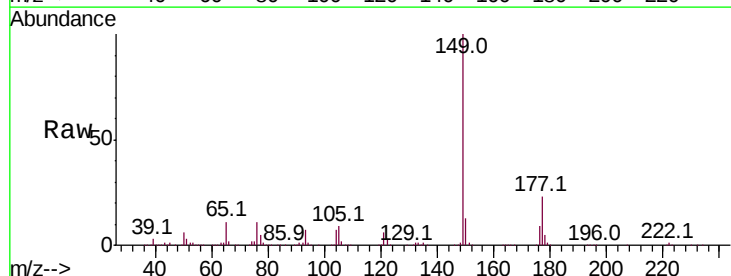
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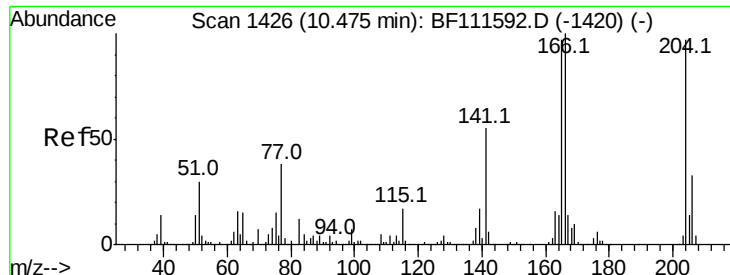
Sohil
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#60
 Diethylphthalate
 Concen: 39.739 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1145807		
177	22.7		18.3	27.5
150	12.8		10.6	15.8





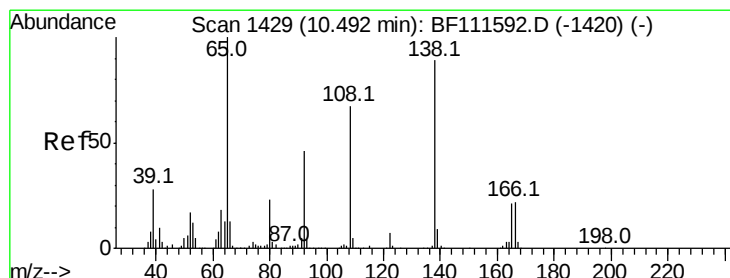
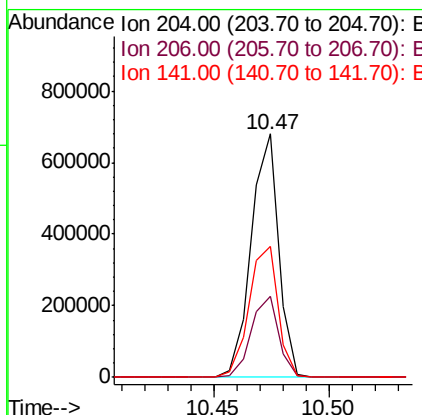
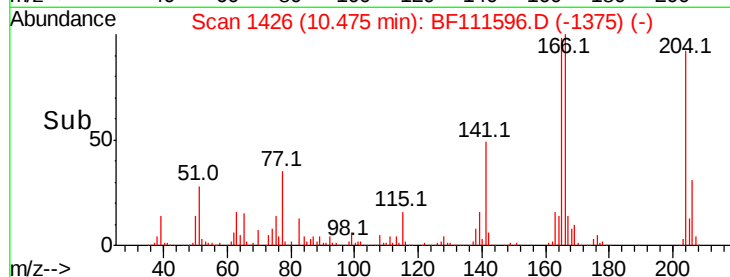
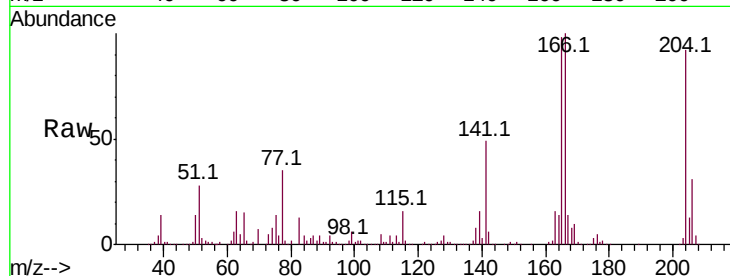
#61
 4-Chlorophenyl-phenylether
 Concen: 38.974 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleID :
 ICVBF121918

Tot Ion:	204	Resp:	567487
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.6	39.8
141	53.7	52.6	78.8

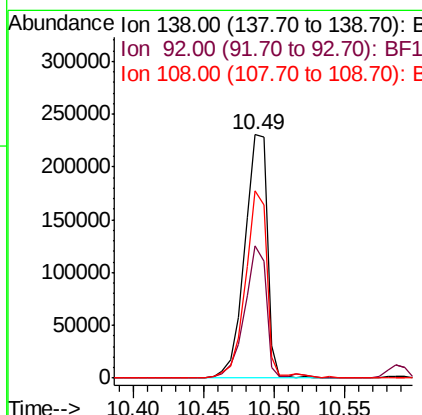
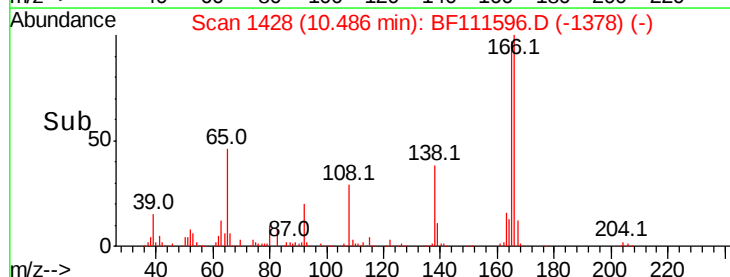
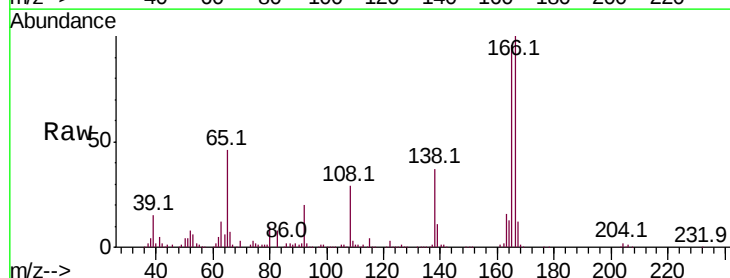
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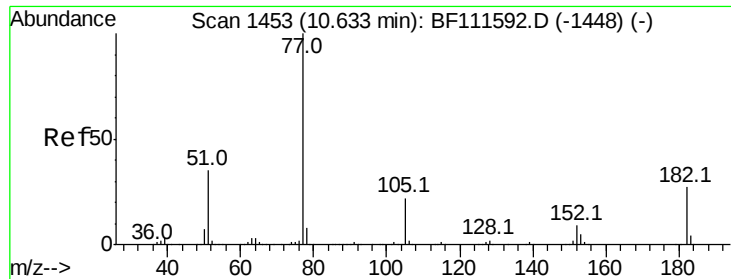
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#62
 4-Nitroaniline
 Concen: 42.445 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion:	138	Resp:	257866
Ion Ratio	Lower	Upper	
138	100		
92	54.1	29.9	69.9
108	76.9	43.2	83.2





#63

Azobenzene

Concen: 39.819 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion: 77 Resp: 1152623

Ion Ratio Lower Upper

77 100

182 28.3 4.9 44.9

105 21.4 6.0 46.0

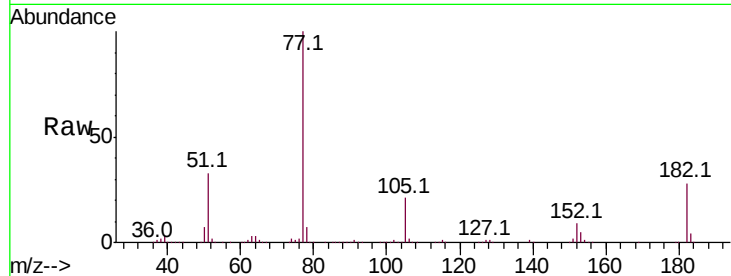
51 33.4 14.7 54.7

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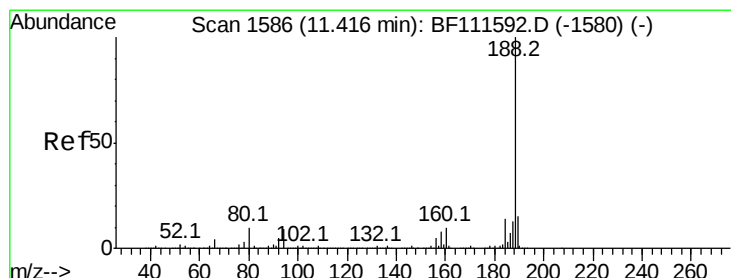
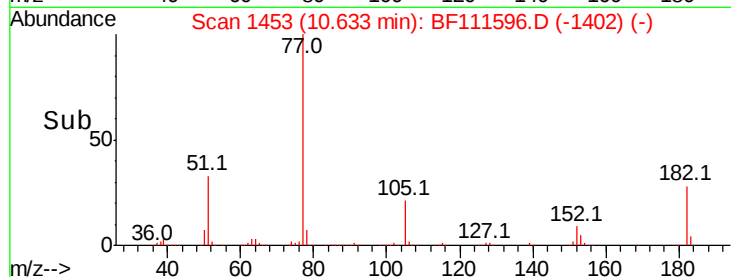
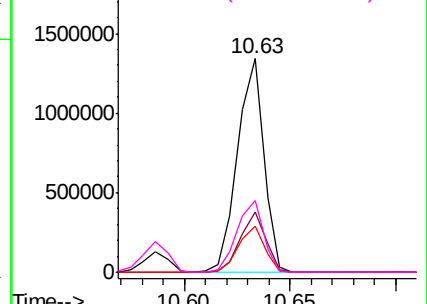
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

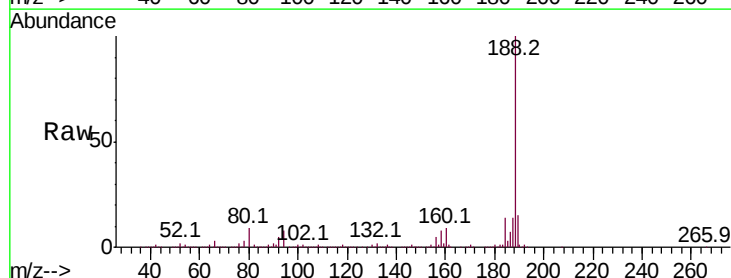
Tgt Ion: 188 Resp: 762986

Ion Ratio Lower Upper

188 100

94 8.5 9.6 14.4#

80 9.2 9.8 14.6#

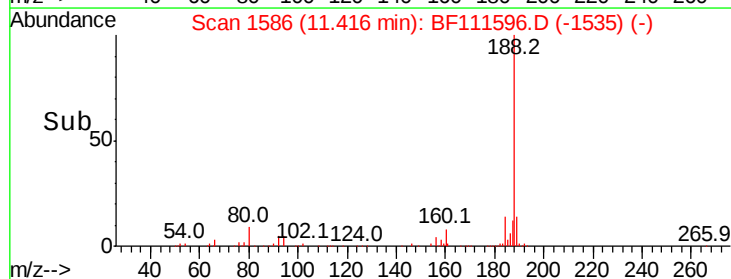
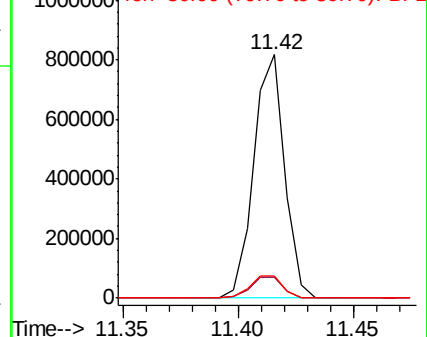


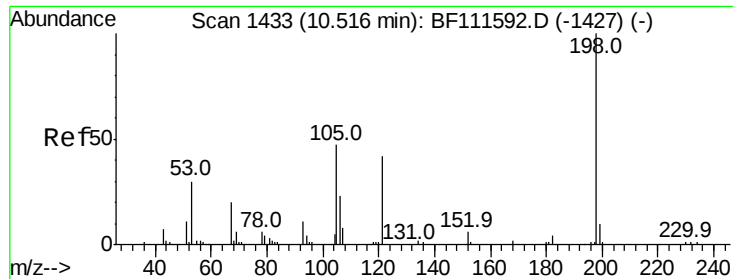
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.719 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:198 Resp: 124683

Ion Ratio Lower Upper

198 100

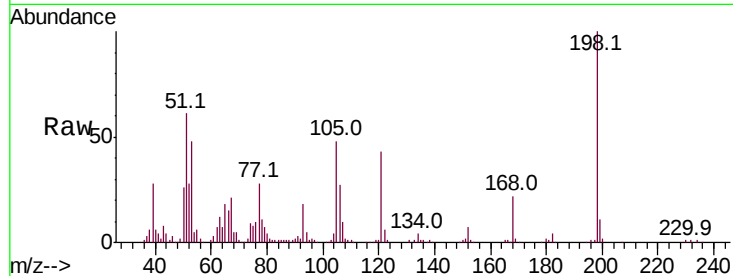
51 60.7 48.0 88.0

105 48.4 34.0 74.0

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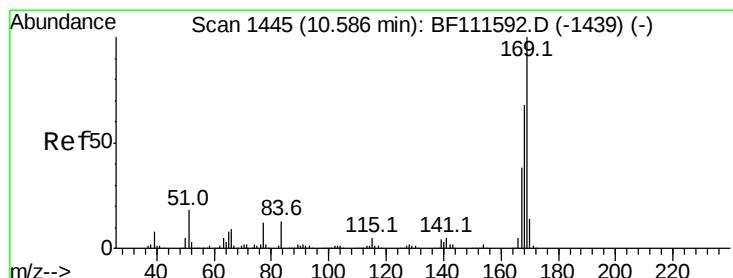
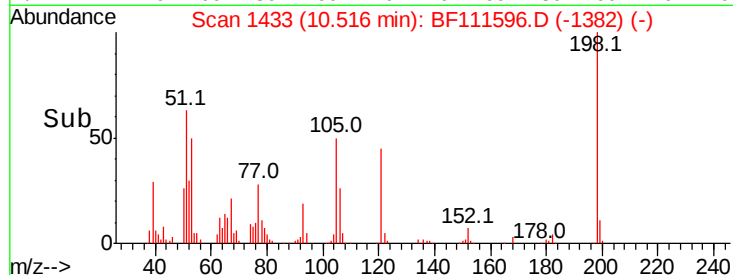
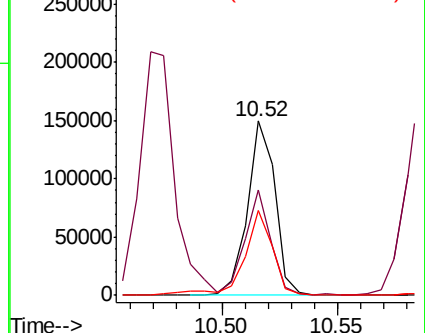
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.856 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

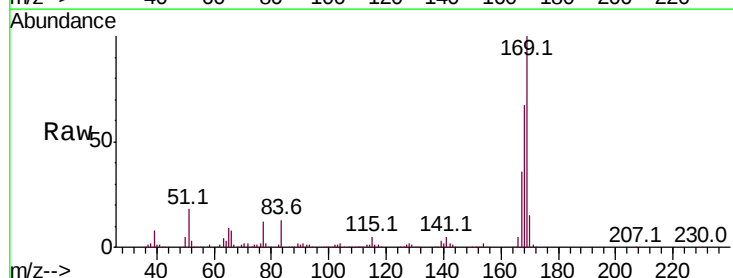
Tgt Ion:169 Resp: 995185

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

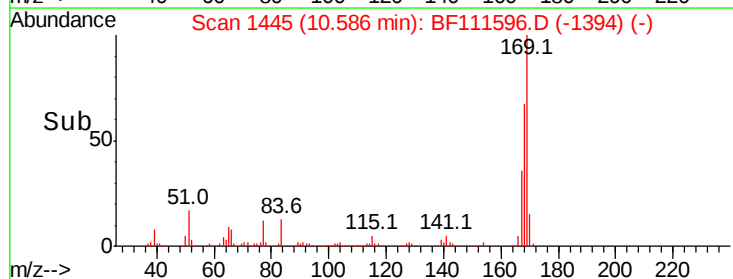
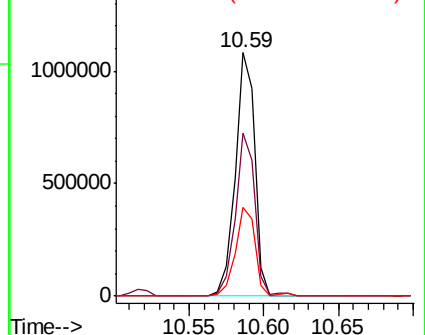
167 36.5 30.5 45.7

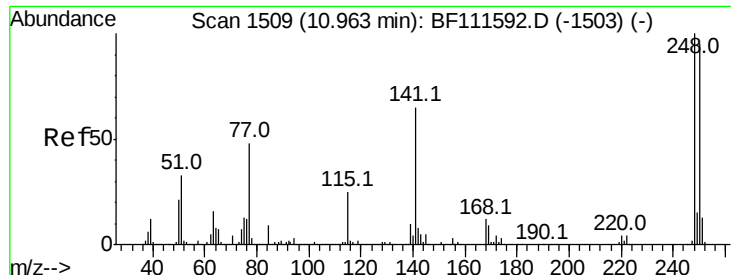


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





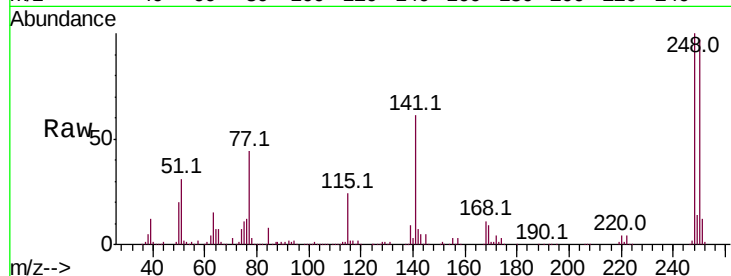
#67
4-Bromophenyl-phenylether
Concen: 39.465 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	61.3	63.0	94.6#

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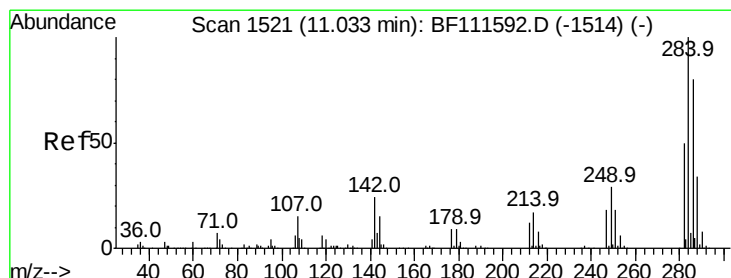
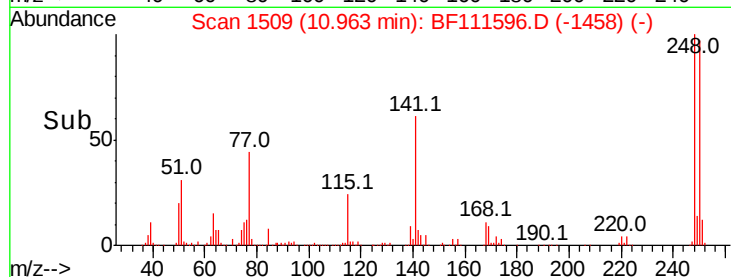
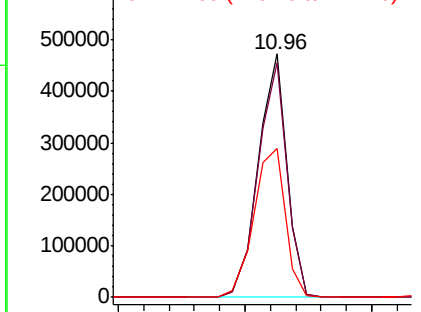


Abundance

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: 38.984 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

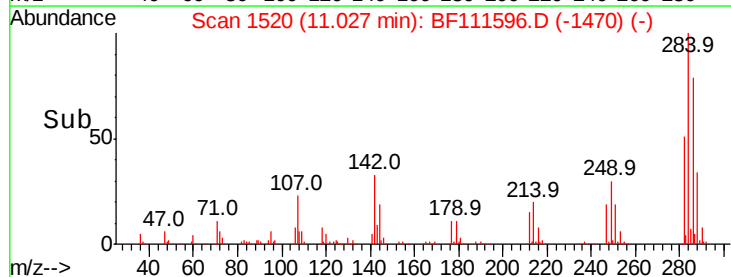
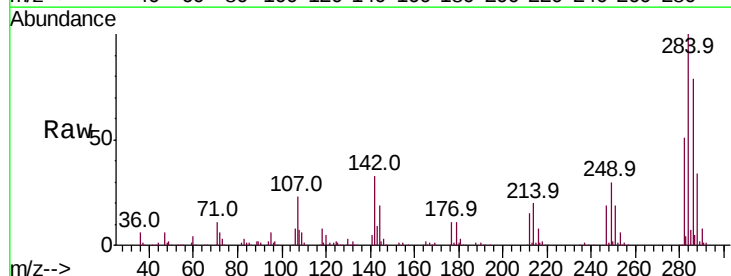
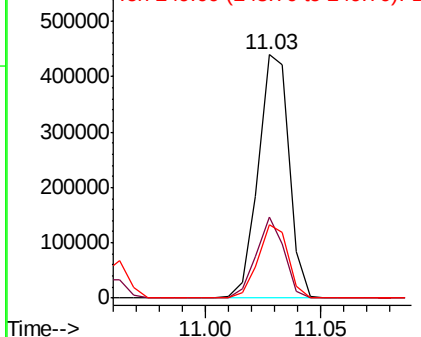
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.4	41.2
249	30.3	24.4	36.6

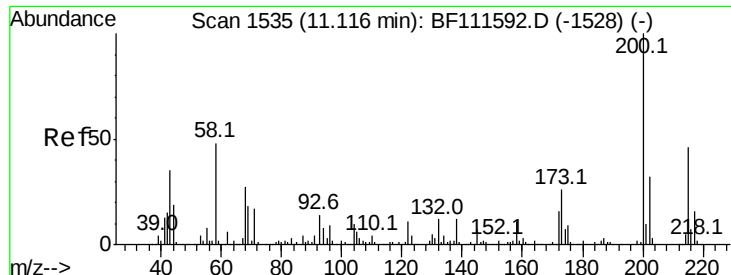
Abundance

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





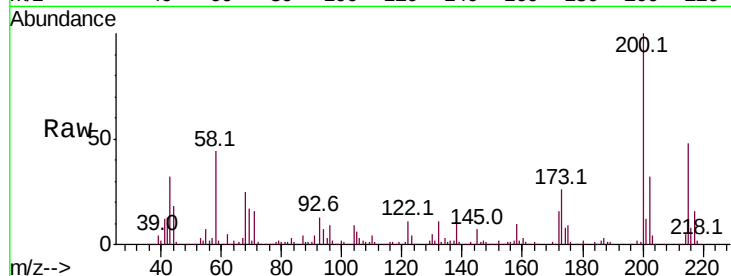
#69
Atrazine
Concen: 38.766 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

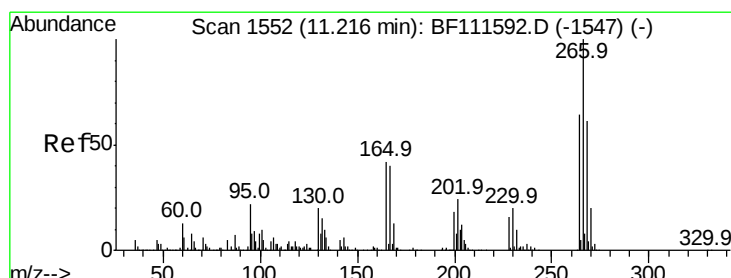
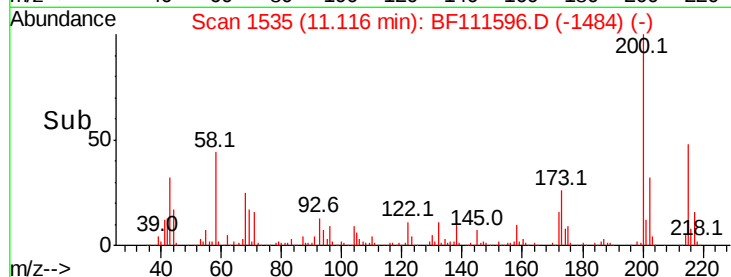
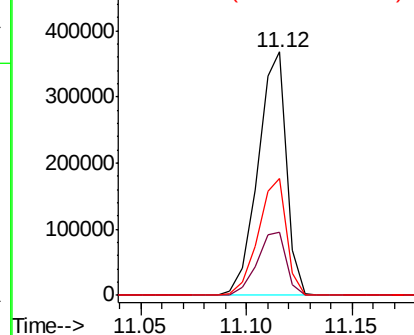
Tot Ion	Ratio	Resp	Lower	Upper
200	100	344927		
173	26.0	10.1	50.1	
215	47.8	26.9	66.9	

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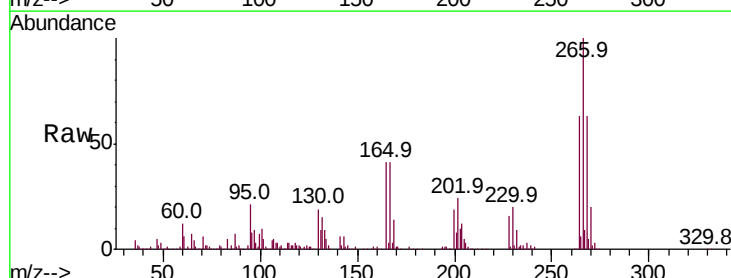


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

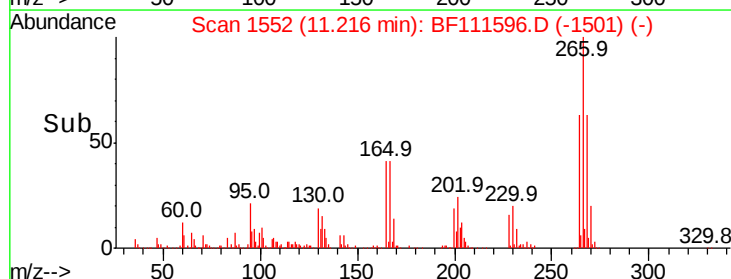
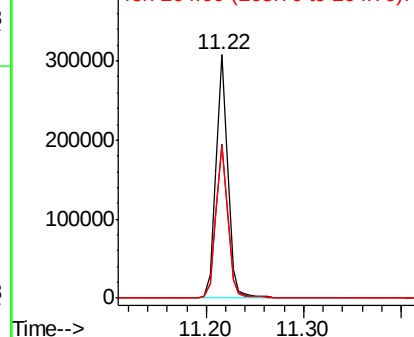


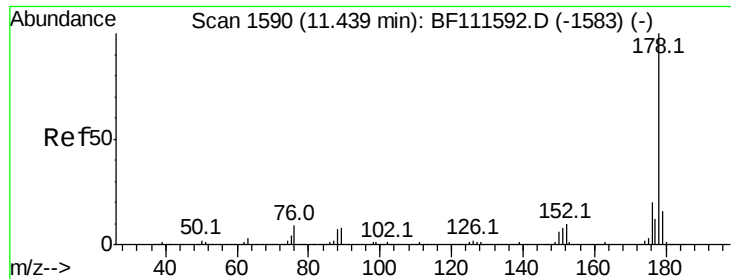
#70
Pentachlorophenol
Concen: 40.561 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	264587		
268	63.1	47.9	71.9	
264	62.6	49.1	73.7	



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





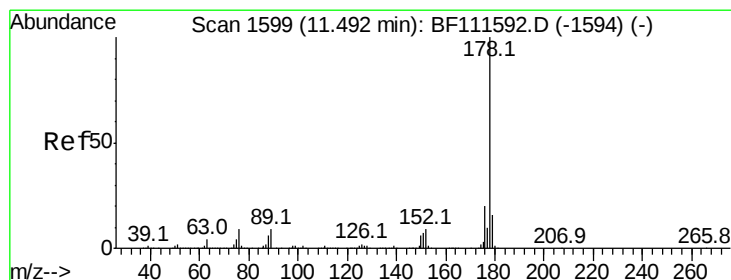
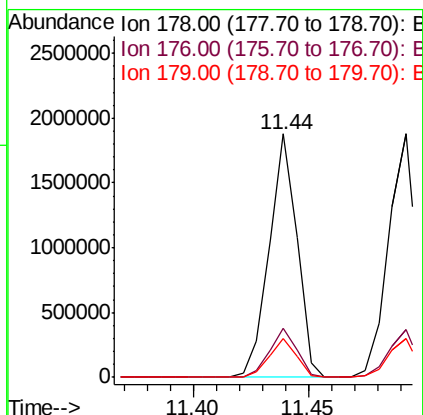
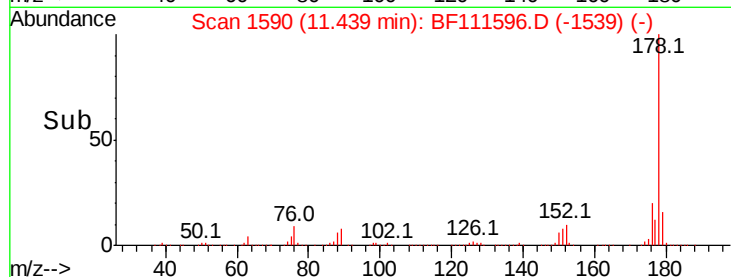
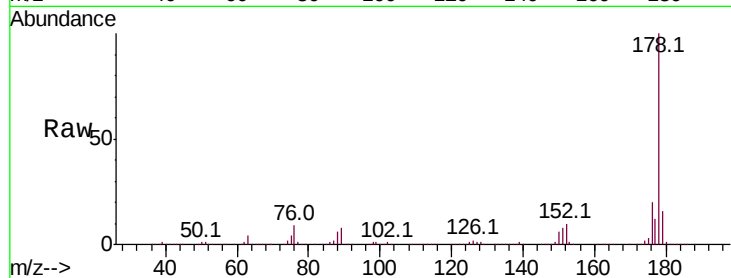
#71
Phenanthrene
Concen: 38.819 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion:178 Resp: 1570788
Ion Ratio Lower Upper
178 100
176 20.2 18.1 27.1
179 15.8 14.0 21.0

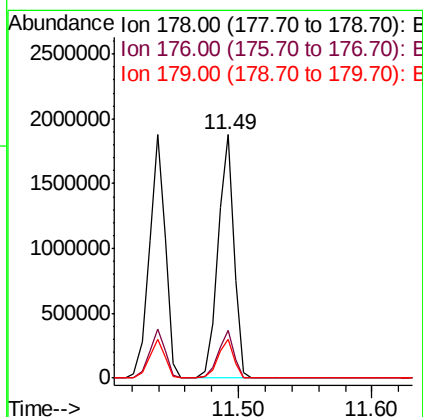
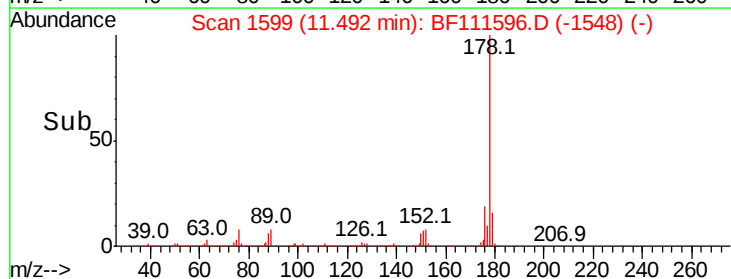
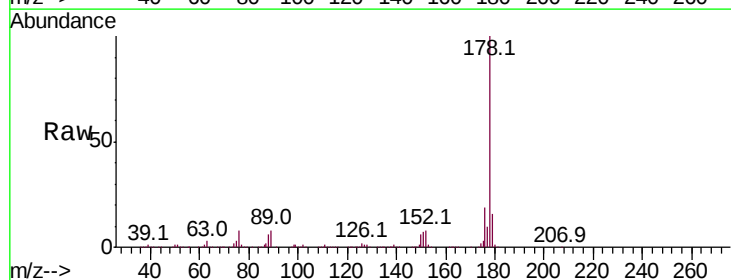
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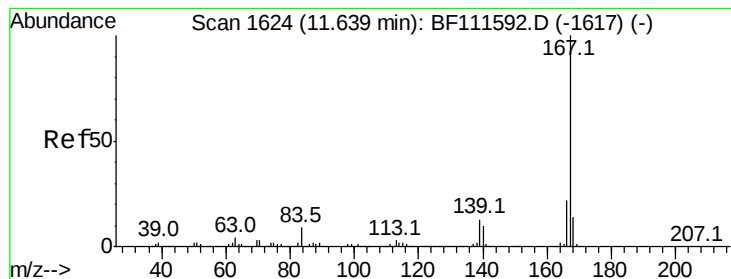
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#72
Anthracene
Concen: 38.939 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion:178 Resp: 1581516
Ion Ratio Lower Upper
178 100
176 19.5 17.2 25.8
179 15.9 13.8 20.8





#73

Carbazole

Concen: 39.109 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:167 Resp: 1542152

Ion Ratio Lower Upper

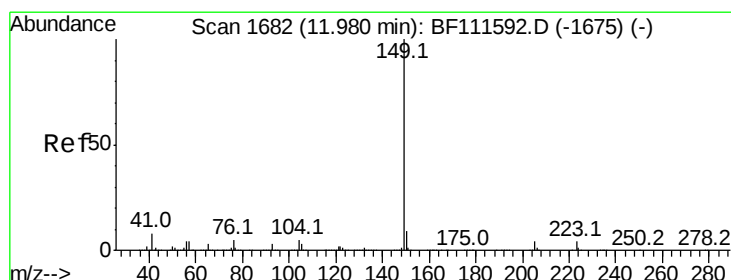
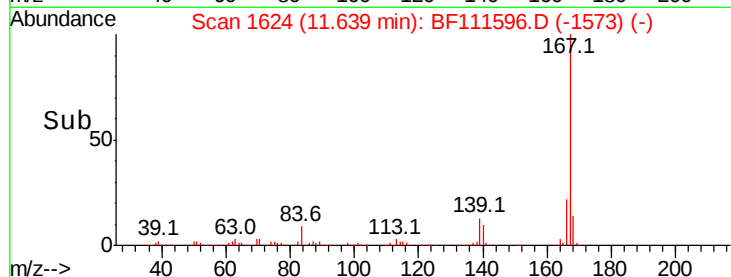
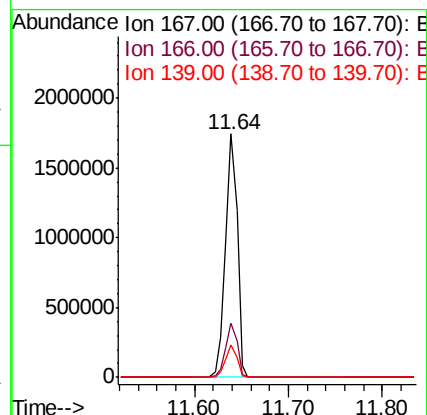
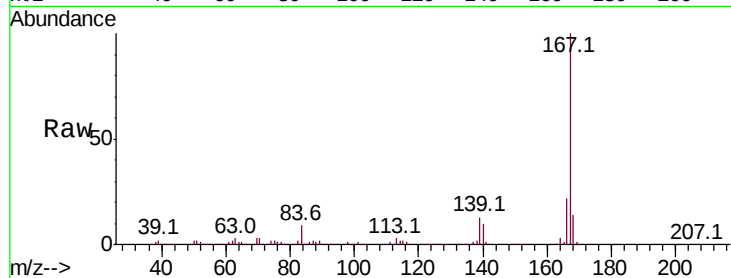
167 100

166 22.1 19.3 28.9

139 13.1 11.9 17.9

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#74

Di-n-butylphthalate

Concen: 39.234 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

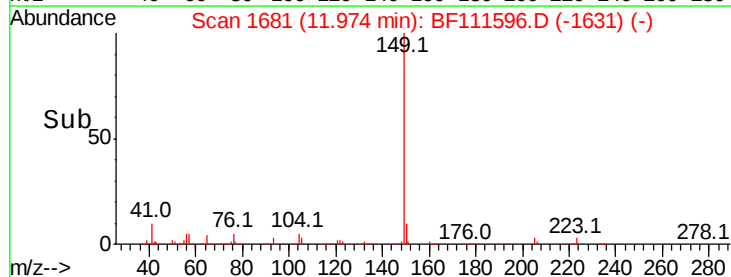
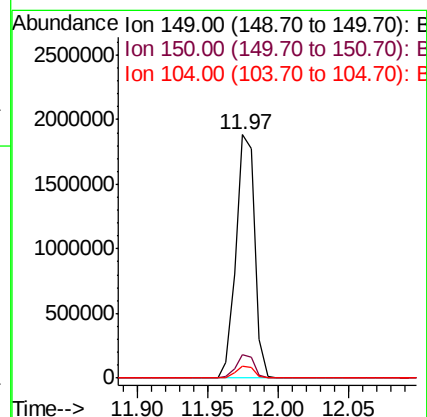
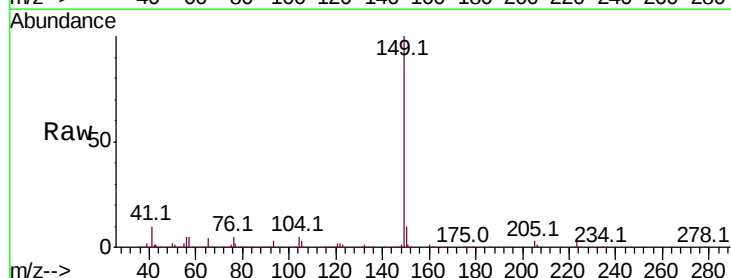
Tgt Ion:149 Resp: 1734607

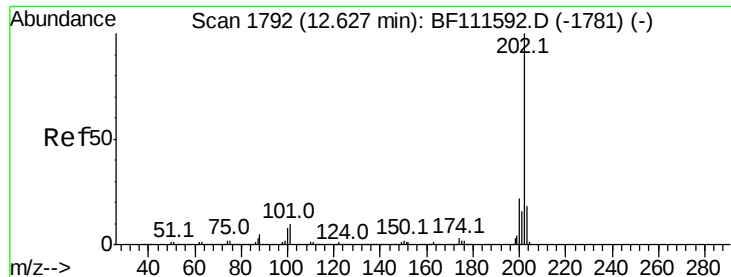
Ion Ratio Lower Upper

149 100

150 9.7 8.8 13.2

104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 38.894 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

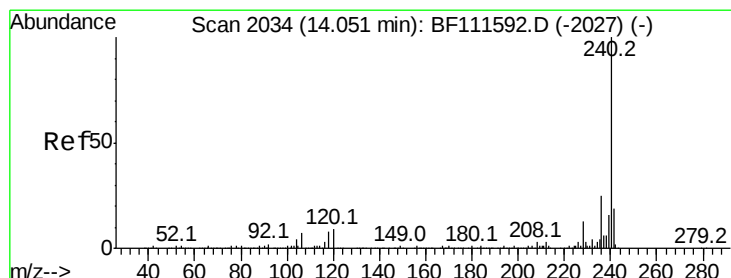
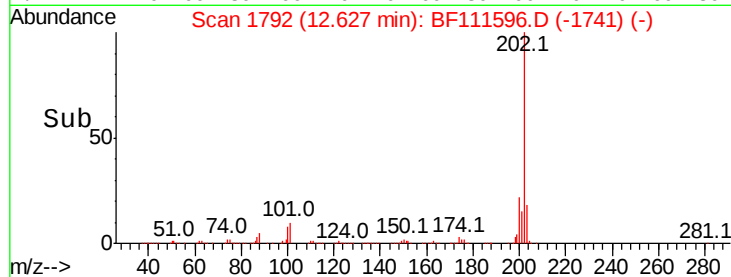
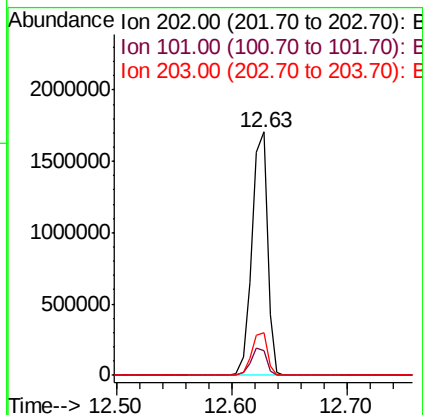
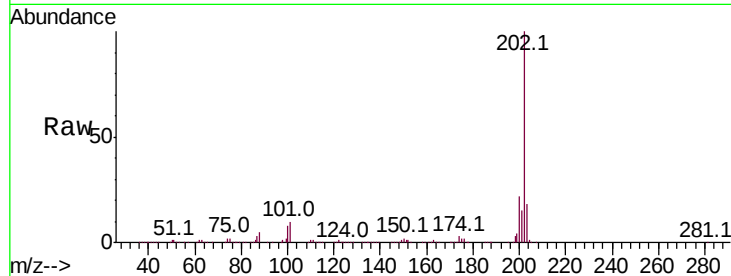
ClientSampleId :

ICVBF121918

Tot Ion:	202	Resp:	1593686
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	33.8
203	17.7	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

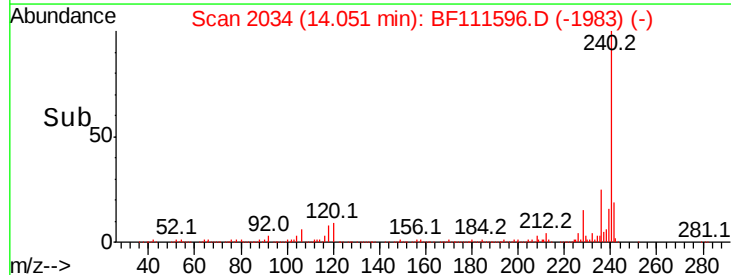
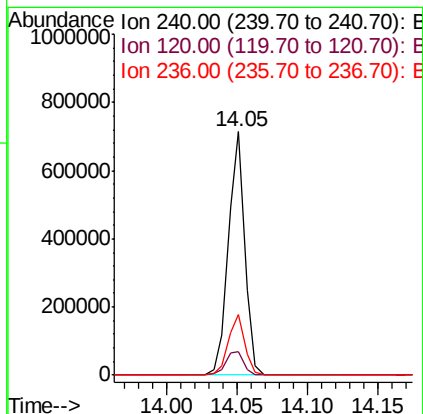
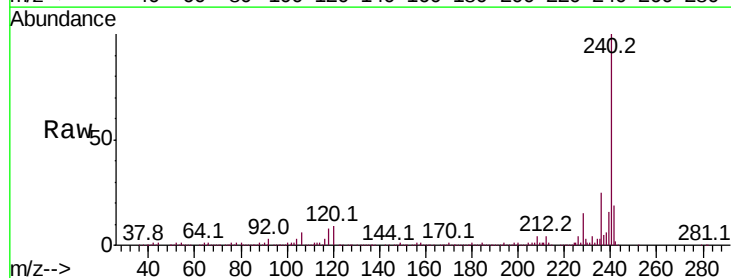
RT: 14.05 min Scan# 2034

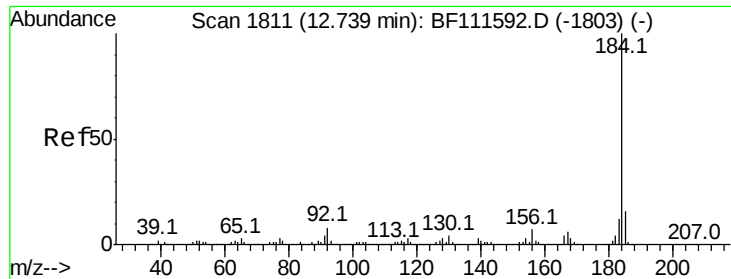
Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:	240	Resp:	574083
Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	25.0	20.2	30.2





#77

Benzidine

Concen: 36.744 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:184 Resp: 793760

Ion Ratio Lower Upper

184 100

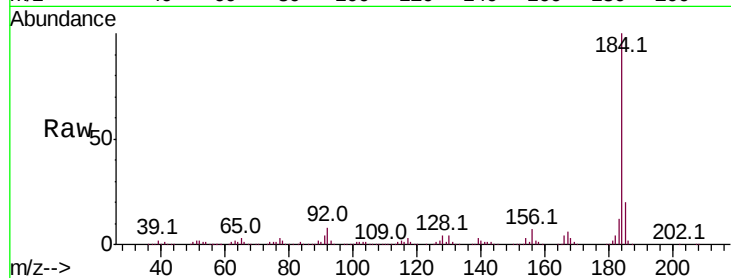
185 19.6 13.0 19.6#

183 12.2 9.3 13.9

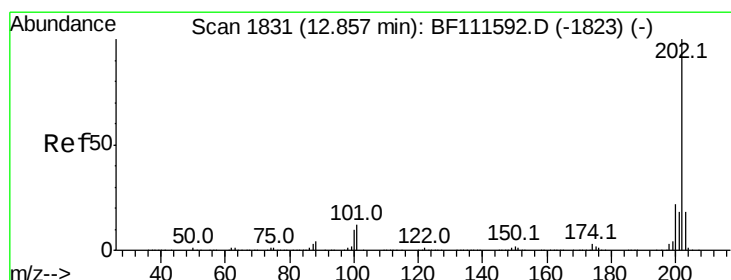
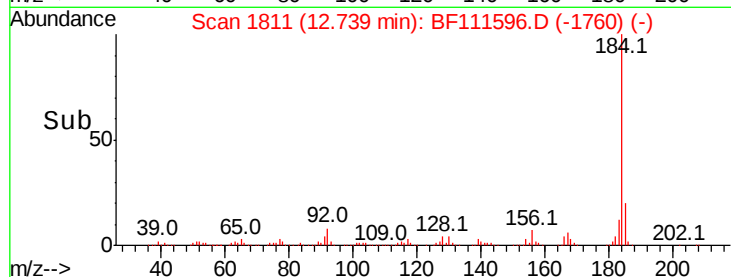
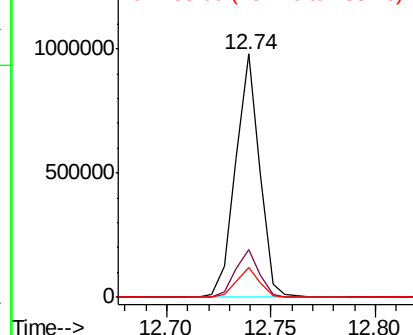
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.192 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

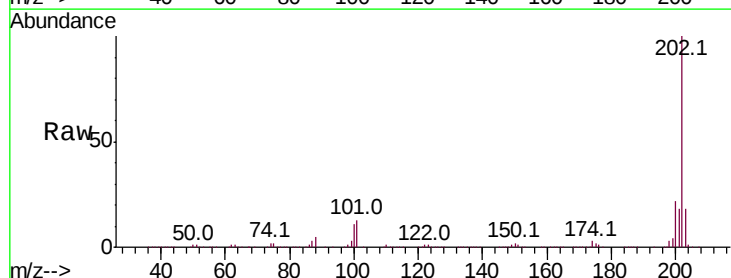
Tgt Ion:202 Resp: 1629391

Ion Ratio Lower Upper

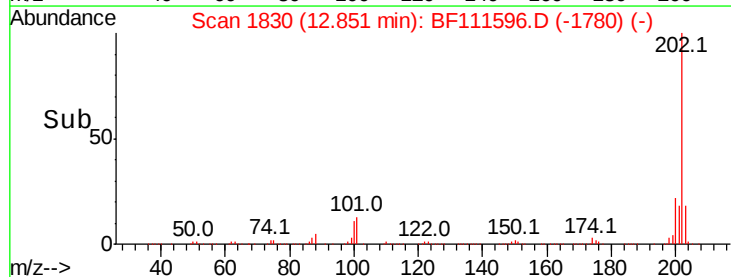
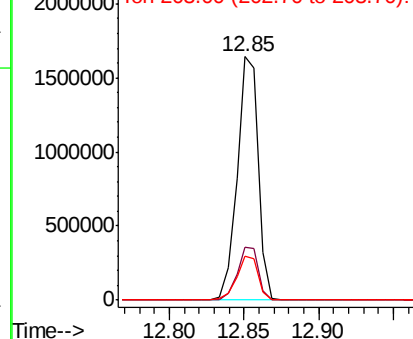
202 100

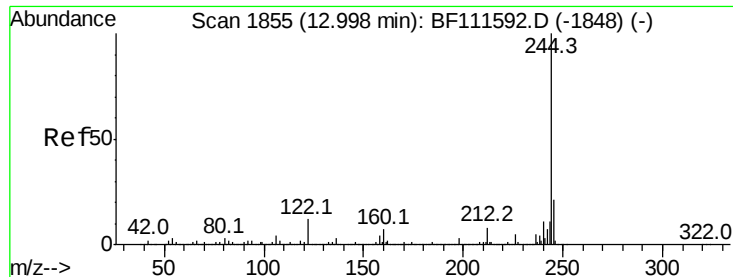
200 21.9 19.0 28.4

203 17.9 15.2 22.8



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





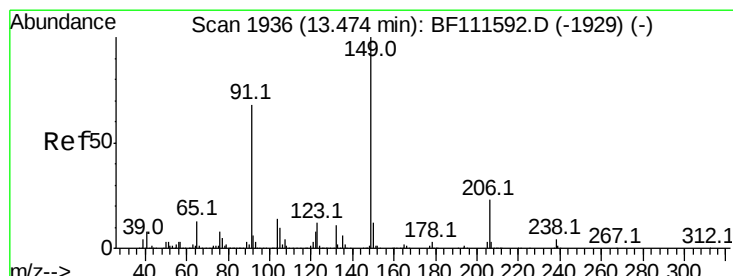
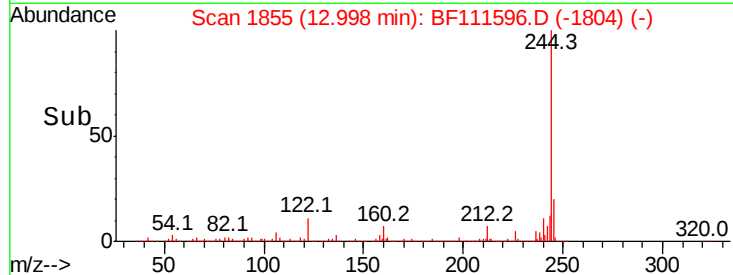
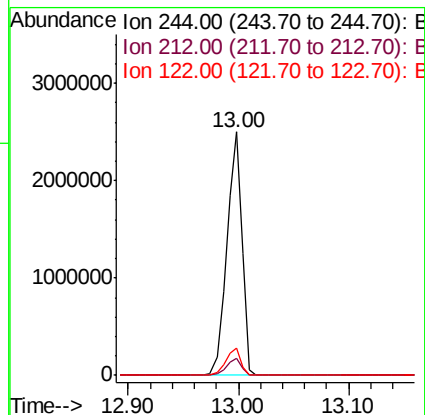
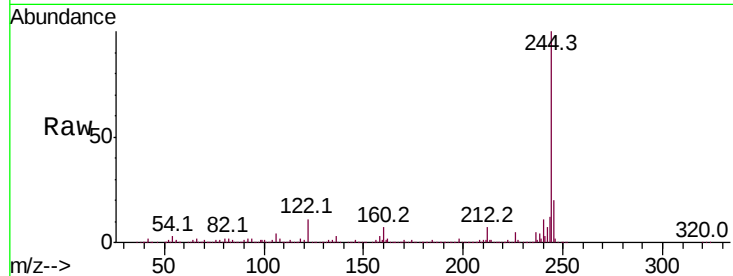
#79
 Terphenyl-d14
 Concen: 78.414 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.2	13.1	19.7

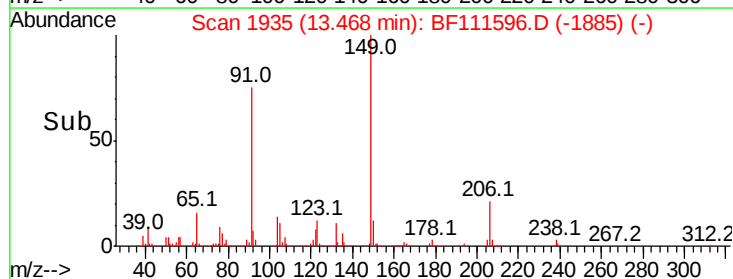
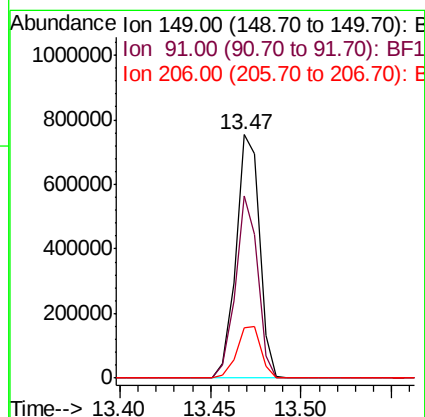
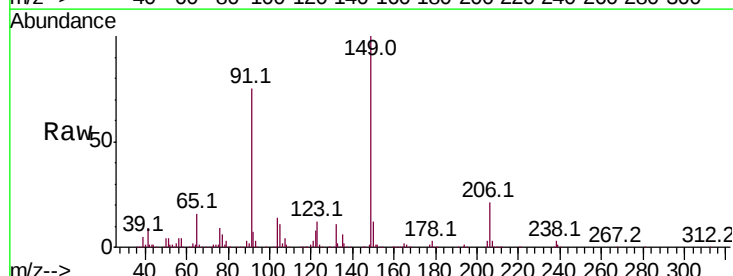
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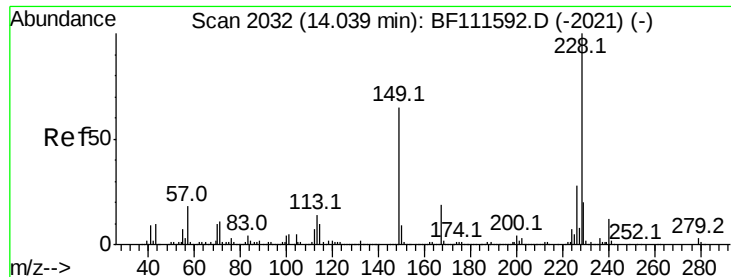
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#80
 Butylbenzylphthalate
 Concen: 41.204 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.9	63.8	95.6
206	20.7	15.1	22.7





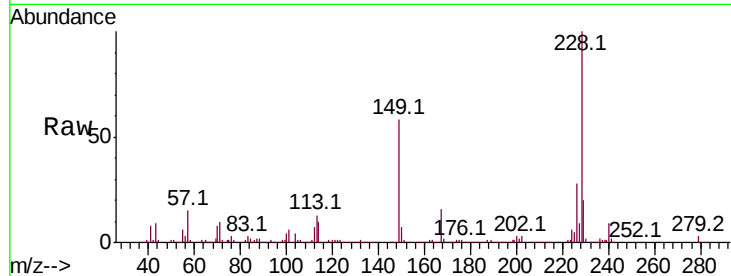
#81
Benzo(a)anthracene
Concen: 39.148 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	19.9	16.3	24.5

Manual Integrations
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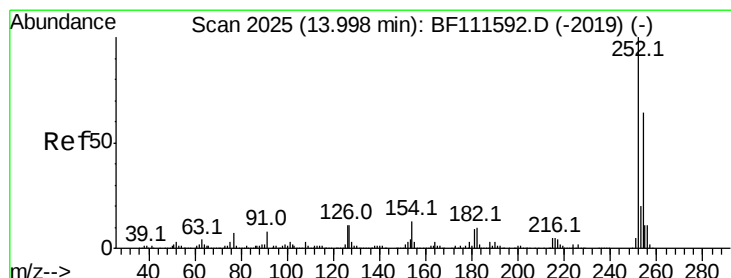
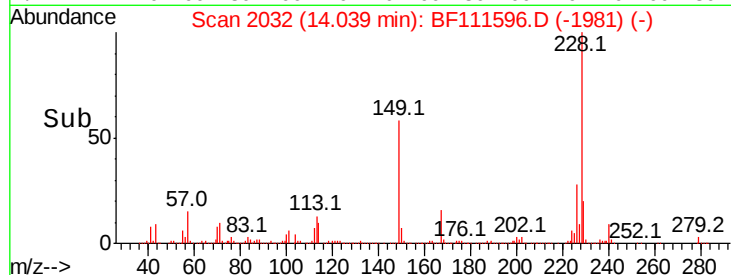
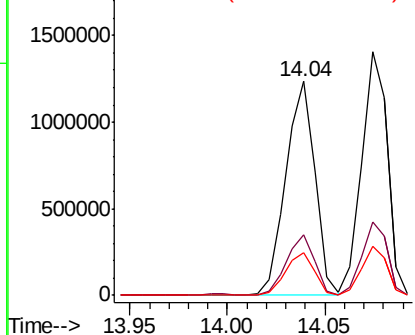


Abundance

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: 38.295 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

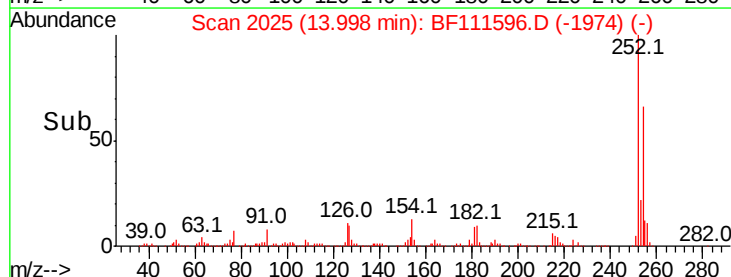
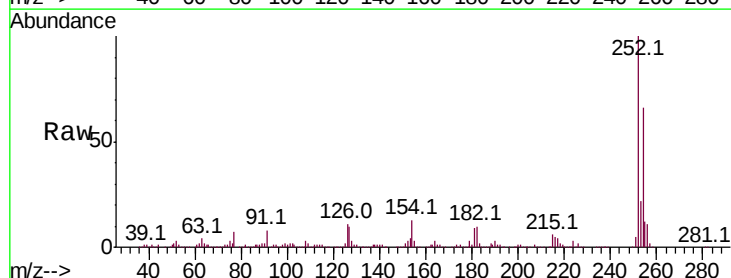
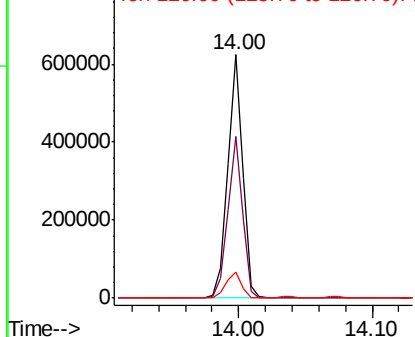
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	52.7	79.1
126	10.6	11.1	16.7#

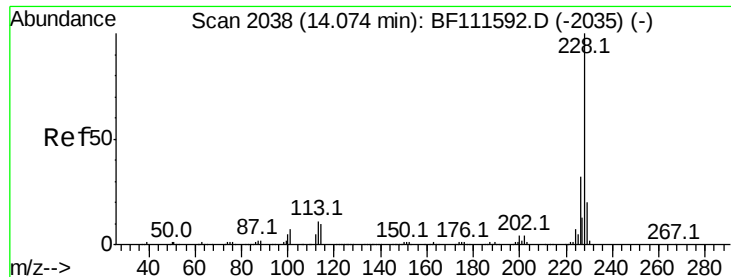
Abundance

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





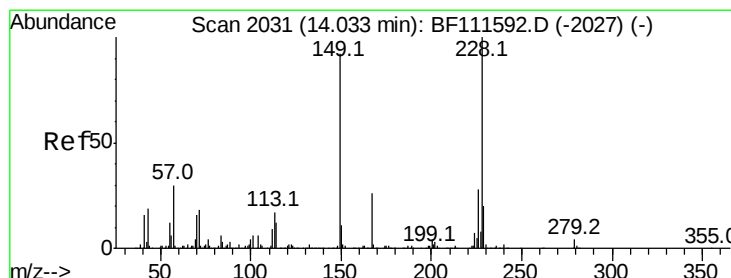
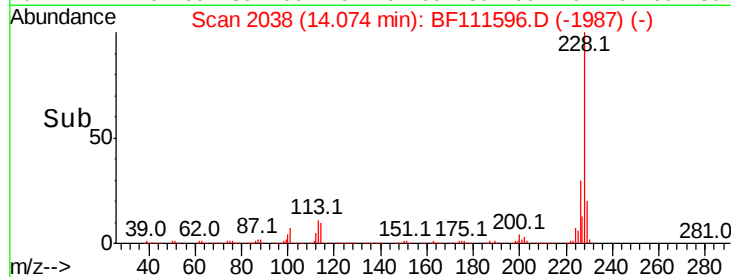
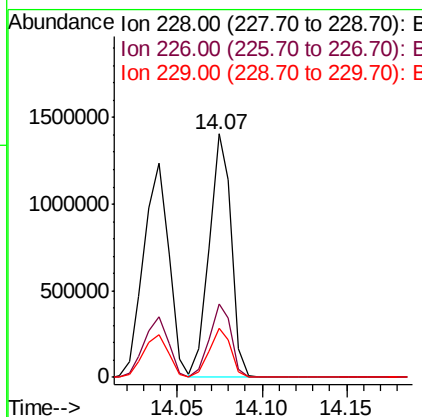
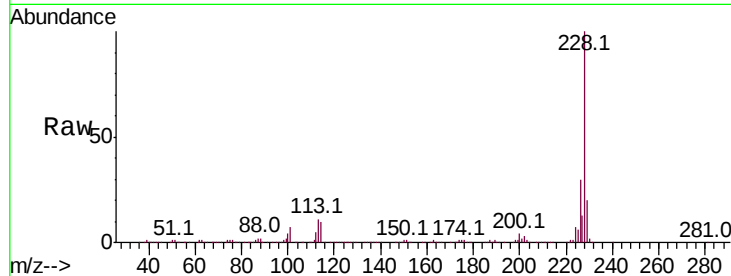
#83
 Chrysene
 Concen: 39.803 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121918

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	20.1	17.2	25.8

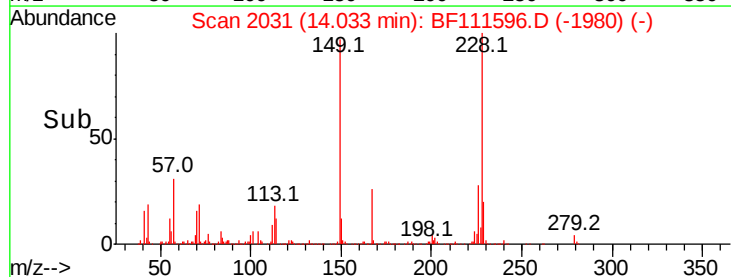
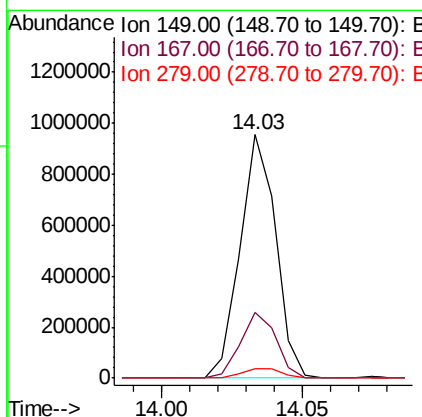
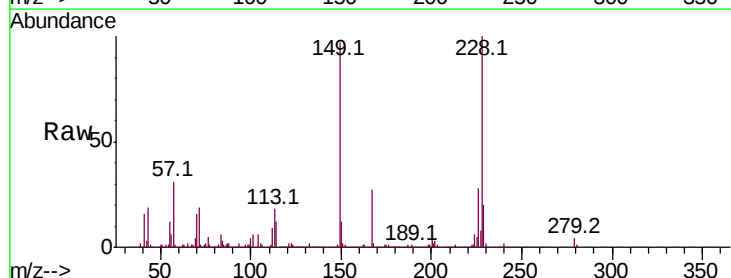
Manual Integrations
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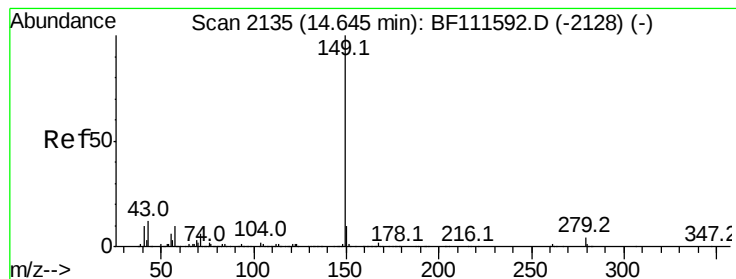
Sohil
 12/20/2018 12:41:56 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.136 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111596.D
 Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	3.8	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 39.093 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

ClientSampleId :

ICVBF121918

Tot Ion:149 Resp: 1260756

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

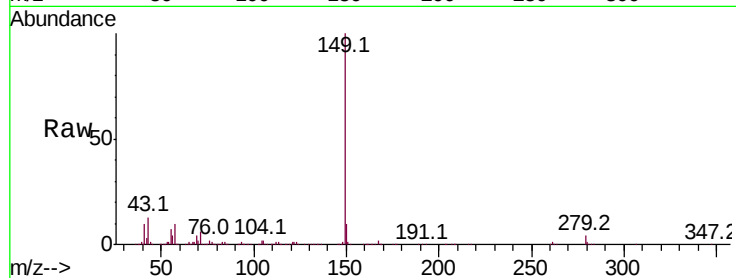
43 11.9 10.9 16.3

Manual Integrations

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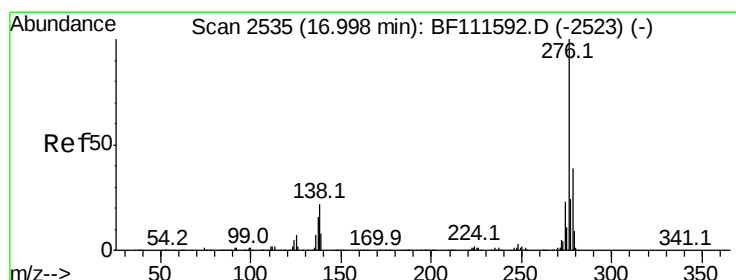
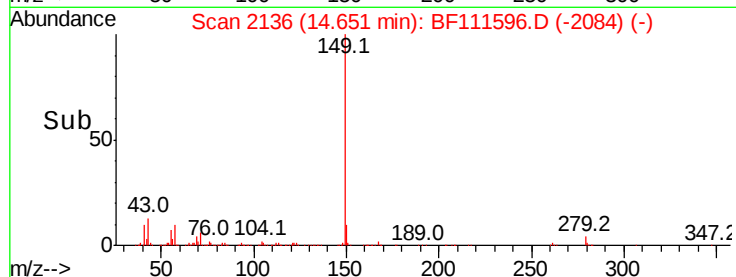
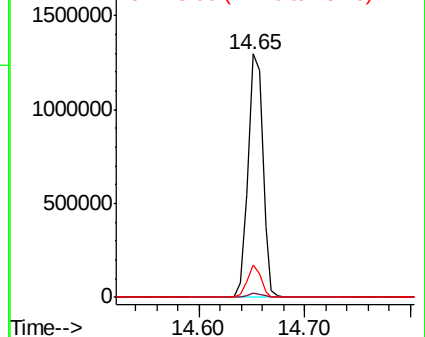
12/20/2018 12:41:56 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.217 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

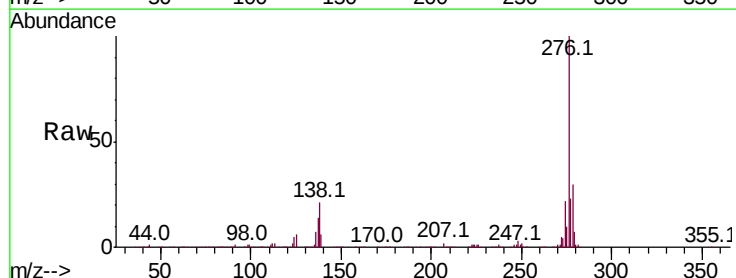
Tgt Ion:276 Resp: 1073512

Ion Ratio Lower Upper

276 100

138 24.3 27.8 41.6#

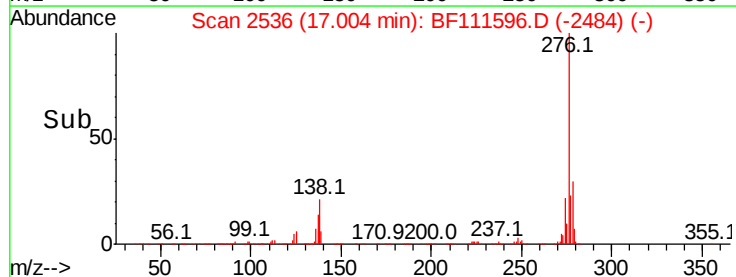
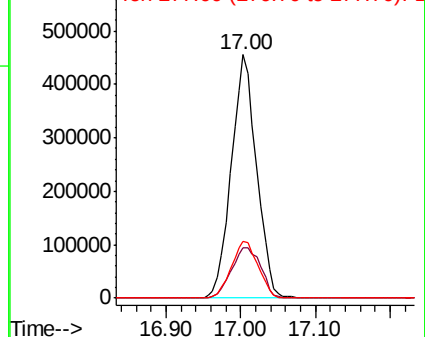
277 24.8 20.1 30.1

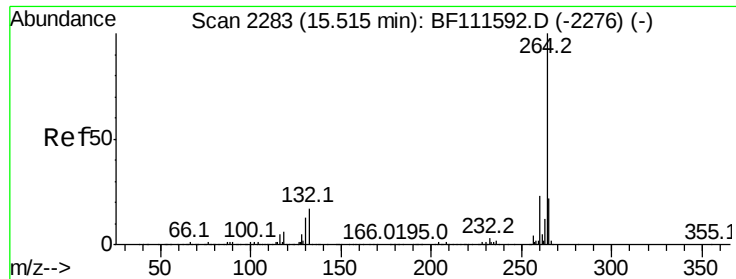


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

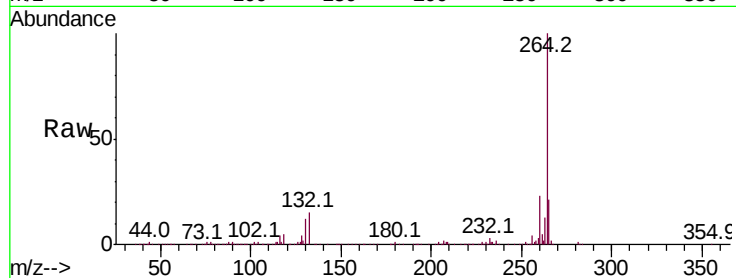
ClientSampleId :

ICVBF121918

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	21.3	17.7	26.5

Manual Integrations
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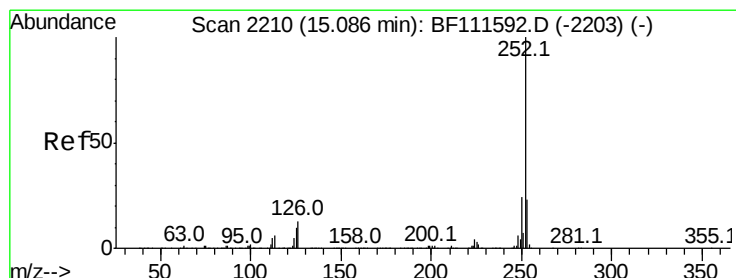
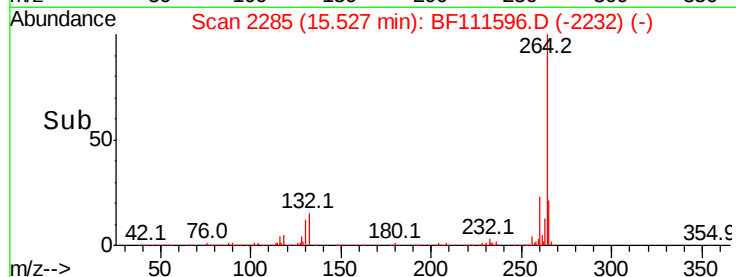
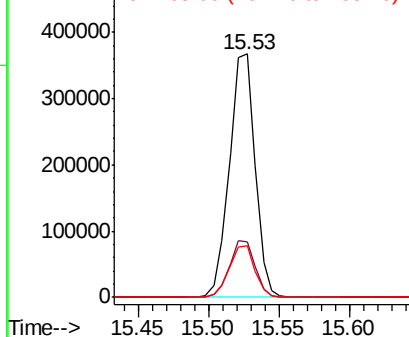


Abundance

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: 39.439 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

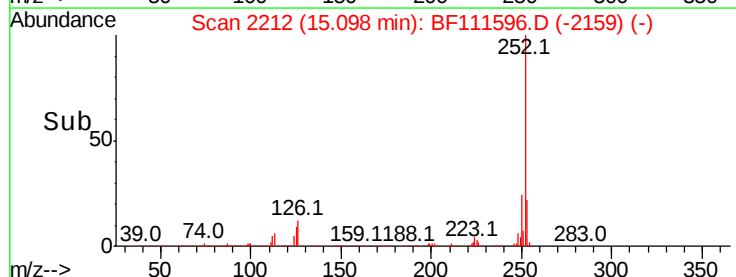
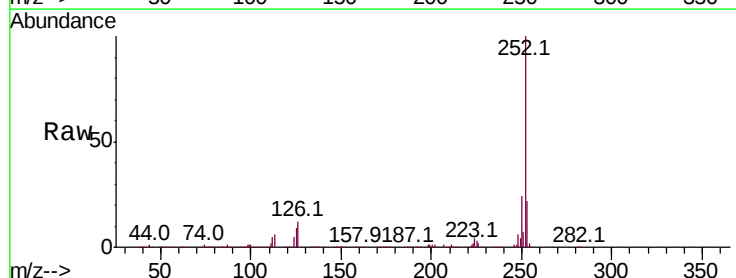
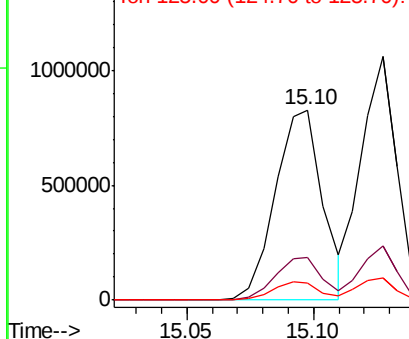
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.2	10.4	15.6#

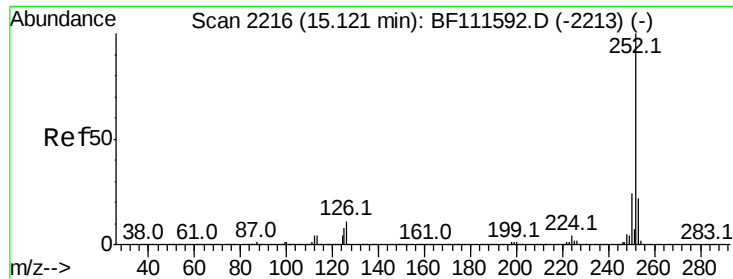
Abundance

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





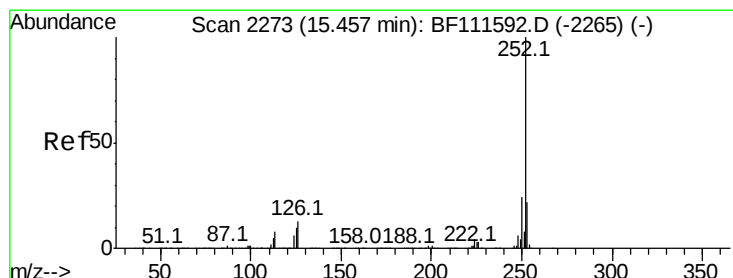
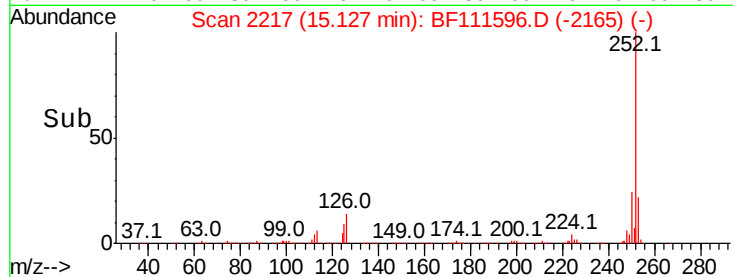
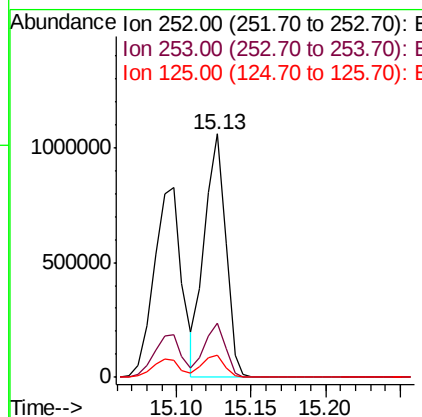
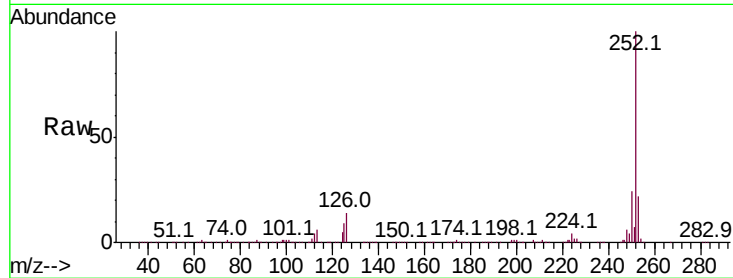
#89
Benzo(k)fluoranthene
Concen: 40.118 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Instrument :
BNA_F
ClientSampleId :
ICVBF121918

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.3	9.8	14.8

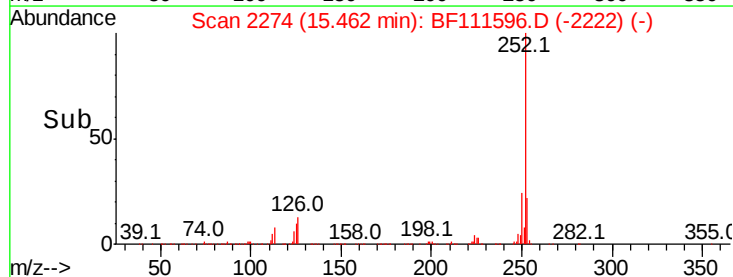
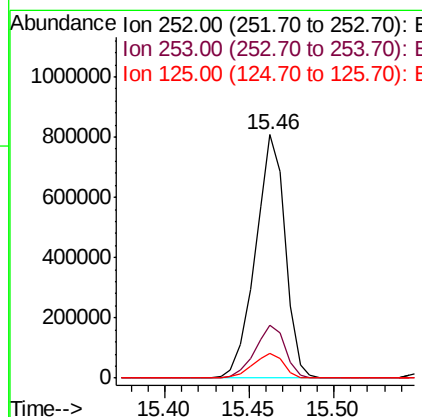
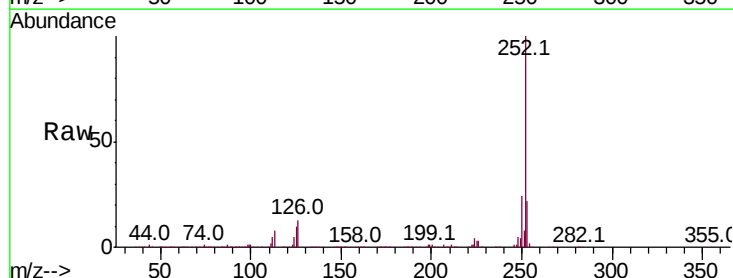
Manual Integrations
APPROVED

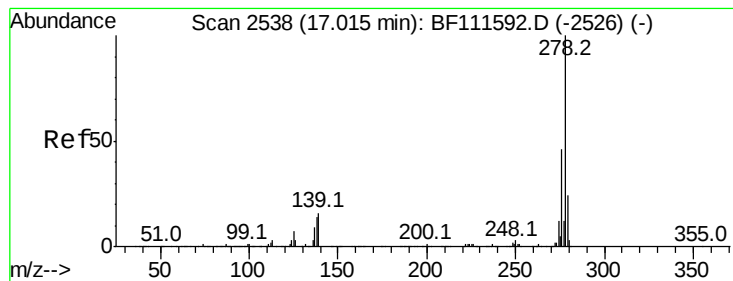
Sohil
12/20/2018 12:41:56 PM



#90
Benzo(a)pyrene
Concen: 39.908 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111596.D
Acq: 19 Dec 2018 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.1	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 41.584 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Instrument :

BNA_F

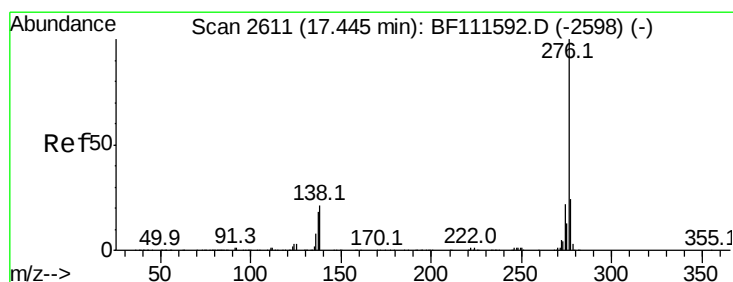
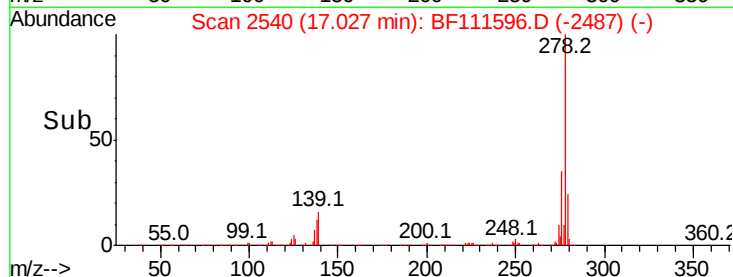
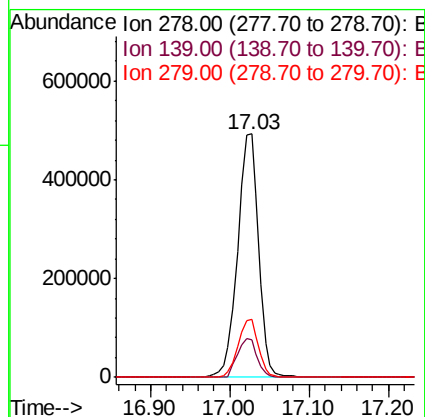
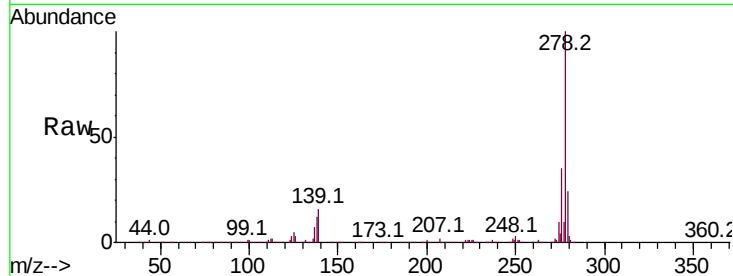
ClientSampleId :

ICVBF121918

Tot Ion:	278	Resp:	902053
Ion Ratio	Lower	Upper	
278	100		
139	15.5	18.2	27.4#
279	23.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/20/2018 12:41:56 PM



#92

Benzo(g,h,i)perylene

Concen: 41.774 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF111596.D

Acq: 19 Dec 2018 17:34

Tgt Ion:	276	Resp:	884861
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.2	28.8
138	20.0	24.9	37.3#

