

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115456.D
 Acq On : 10 Jul 2019 15:36
 Operator : HP/JU
 Sample : K3636-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Quant Time: Jul 10 16:56:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	146008	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	579638	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	288112	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	578604	20.00	ng	0.00
76) Chrysene-d12	14.07	240	428826	20.00	ng	0.00
87) Perylene-d12	15.57	264	452210	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	536354	56.76	ng	0.00
7) Phenol-d6	6.52	99	454800	37.84	ng	0.00
23) Nitrobenzene-d5	7.46	82	867180	88.39	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	360044	113.02	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1500934	91.41	ng	0.00
79) Terphenyl-d14	13.00	244	1692950	80.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	68737	14.829	ng	98
3) Pyridine	3.45	79	235121	18.344	ng	99
4) n-Nitrosodimethylamine	3.38	42	70770	13.616	ng	99
6) Aniline	6.55	93	357623	21.086	ng	97
8) 2-Chlorophenol	6.68	128	343560	32.196	ng	94
9) Benzaldehyde	6.44	77	242225	33.995	ng	98
10) Phenol	6.53	94	202077	14.053	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	391929	36.739	ng	97
12) 1,3-Dichlorobenzene	6.83	146	439704	37.612	ng	98
13) 1,4-Dichlorobenzene	6.91	146	447167	38.186	ng	99
14) 1,2-Dichlorobenzene	7.07	146	412329	38.032	ng	97
15) Benzyl Alcohol	7.03	79	237342	24.609	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	512414	34.353	ng	99
17) 2-Methylphenol	7.14	107	238587	26.099	ng	99
18) Hexachloroethane	7.41	117	160543	36.802	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	285445	35.105	ng	96
20) 3+4-Methylphenols	7.29	107	266038	24.637	ng	# 78
22) Acetophenone	7.30	105	559996	40.319	ng	# 96
24) Nitrobenzene	7.47	77	444889	40.154	ng	100
25) Isophorone	7.71	82	800119	37.627	ng	98
26) 2-Nitrophenol	7.79	139	208934	45.869	ng	95
27) 2,4-Dimethylphenol	7.82	122	304575	35.066	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	490680	37.420	ng	99
29) 2,4-Dichlorophenol	8.03	162	326524	37.744	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	382624	39.729	ng	99
31) Naphthalene	8.20	128	1170953	40.671	ng	100
32) Benzoic acid	7.82	122	304575	48.118	ng	# 15
33) 4-Chloroaniline	8.24	127	285843	22.252	ng	99
34) Hexachlorobutadiene	8.32	225	212774	38.957	ng	99
35) Caprolactam	8.60	113	16671	5.917	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	327518	35.792	ng	98
37) 2-Methylnaphthalene	8.89	142	789074	41.004	ng	98
38) 1-Methylnaphthalene	8.99	142	736890	40.133	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	350235	42.255	ng	99

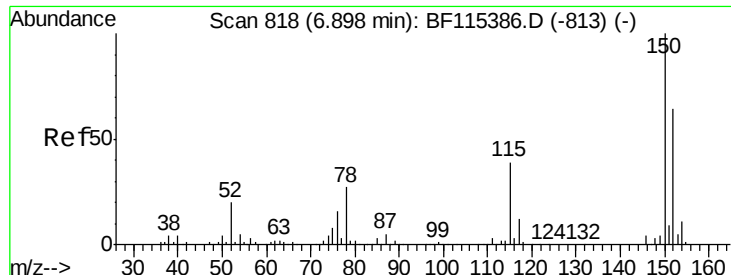
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	383086	79.743	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	230519	38.201	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	244677	39.104	nq	# 93
46) 1,1'-Biphenyl	9.36	154	968792	42.772	nq	98
47) 2-Chloronaphthalene	9.38	162	760875	40.646	nq	99
48) 2-Nitroaniline	9.47	65	235511	42.821	nq	96
49) Acenaphthylene	9.80	152	1172176	41.358	nq	99
50) Dimethylphthalate	9.66	163	984053	45.506	nq	98
51) 2,6-Dinitrotoluene	9.71	165	209785	44.731	nq	97
52) Acenaphthene	9.97	154	711519	39.889	nq	99
53) 3-Nitroaniline	9.87	138	167903	30.824	nq	96
54) 2,4-Dinitrophenol	9.98	184	31908	23.529	nq	# 58
55) Dibenzofuran	10.14	168	1068151	42.510	nq	100
56) 4-Nitrophenol	10.03	139	123446	29.292	nq	97
57) 2,4-Dinitrotoluene	10.12	165	279770	46.939	nq	# 86
58) Fluorene	10.48	166	775873	39.171	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	188565	34.885	nq	99
60) Diethylphthalate	10.35	149	869187	40.835	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	396847	41.049	nq	97
62) 4-Nitroaniline	10.49	138	223039	41.715	nq	98
63) Azobenzene	10.63	77	861905	39.283	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	63803	27.097	nq	91
66) n-Nitrosodiphenylamine	10.59	169	743919	40.806	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	257827	39.712	nq	96
68) Hexachlorobenzene	11.03	284	294280	40.394	nq	97
69) Atrazine	11.12	200	243514	43.161	nq	99
70) Pentachlorophenol	11.22	266	216530	48.770	nq	100
71) Phenanthrene	11.45	178	1252640	41.164	nq	99
72) Anthracene	11.50	178	1285175	42.117	nq	100
73) Carbazole	11.65	167	1169309	41.886	nq	99
74) Di-n-butylphthalate	11.98	149	1373184	40.701	nq	100
75) Fluoranthene	12.63	202	1354117	42.263	nq	99
77) Benzidine	12.74	184	420934	25.172	nq	99
78) Pyrene	12.86	202	1372014	41.143	nq	99
80) Butylbenzylphthalate	13.48	149	596714	40.954	nq	95
81) Benzo(a)anthracene	14.06	228	1117981	40.689	nq	100
82) 3,3'-Dichlorobenzidine	14.02	252	326977	32.796	nq	98
83) Chrysene	14.10	228	1169911	41.440	nq	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	728109	40.352	nq	99
85) Di-n-octyl phthalate	14.69	149	1250506	38.930	nq	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	1316085	58.715	nq	100
88) Benzo(b)fluoranthene	15.13	252	1200556	40.776	nq	99
89) Benzo(k)fluoranthene	15.17	252	1010958	38.609	nq	98
90) Benzo(a)pyrene	15.51	252	1076672	42.397	nq	99
91) Dibenzo(a,h)anthracene	17.09	278	1082087	49.865	nq	99
92) Benzo(g,h,i)perylene	17.52	276	1125187	54.781	nq	99

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

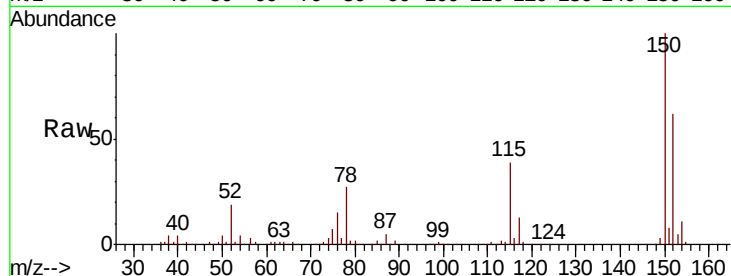


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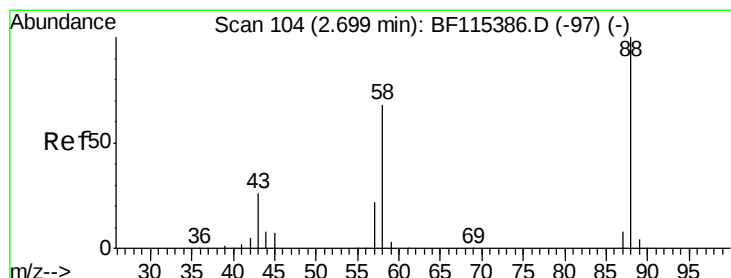
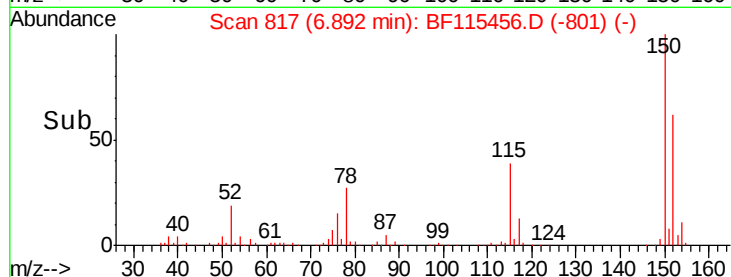
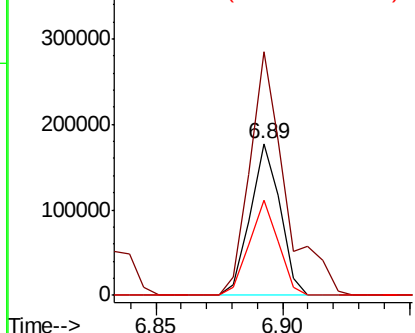
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:152 Resp: 146008
Ion Ratio Lower Upper
152 100
150 160.6 127.4 191.2
115 62.6 46.2 69.4



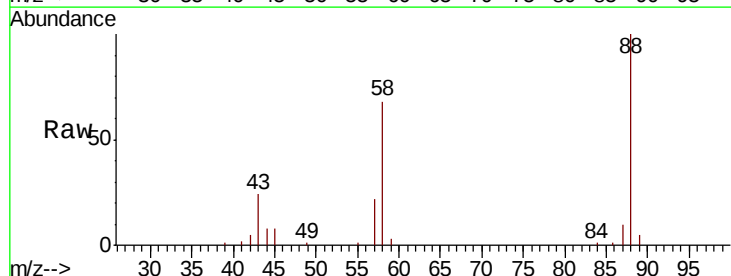
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



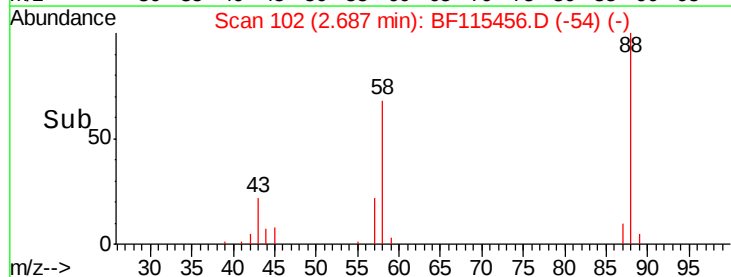
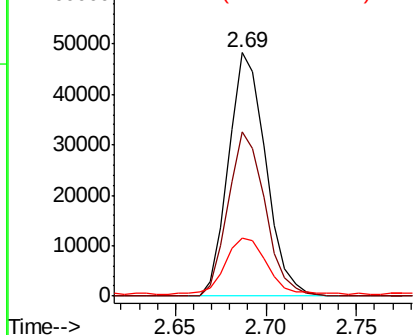
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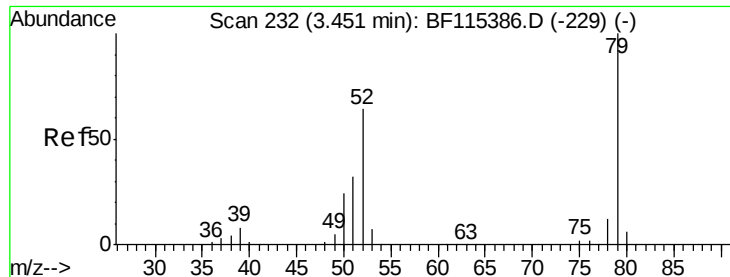
1,4-Dioxane
Concen: 14.829 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.02 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 88 Resp: 68737
Ion Ratio Lower Upper
88 100
58 67.2 52.5 78.7
43 25.5 19.0 28.6



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



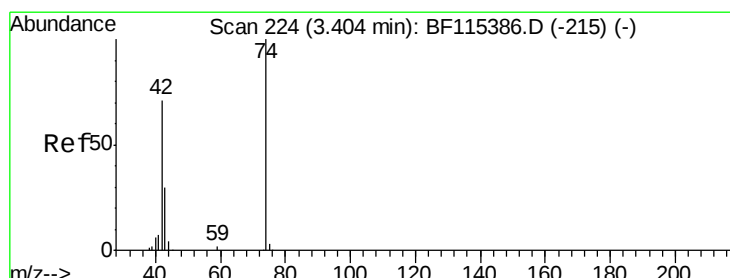
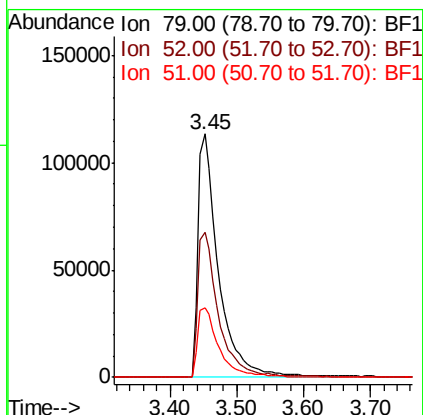
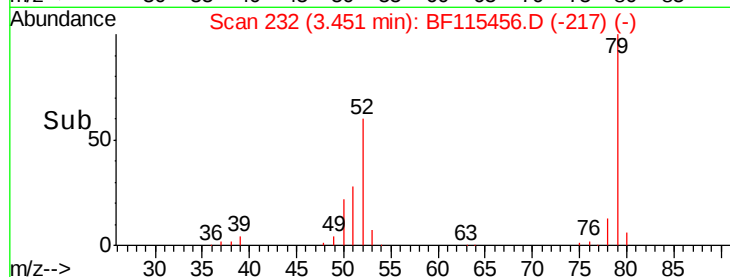
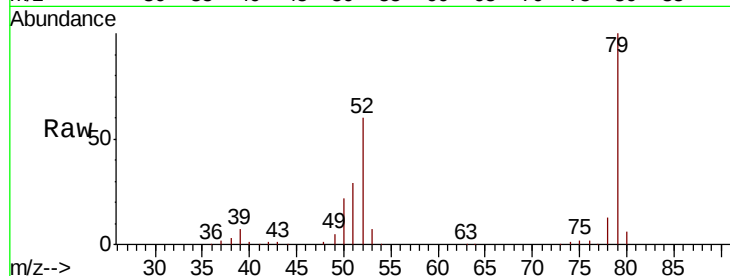


#3
Pvridine
Concen: 18.344 ng
RT: 3.45 min Scan# 232
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion: 79 Resp: 235121

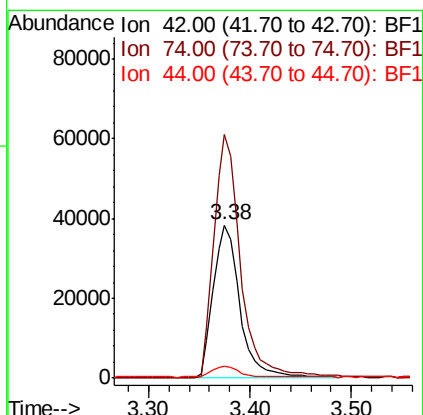
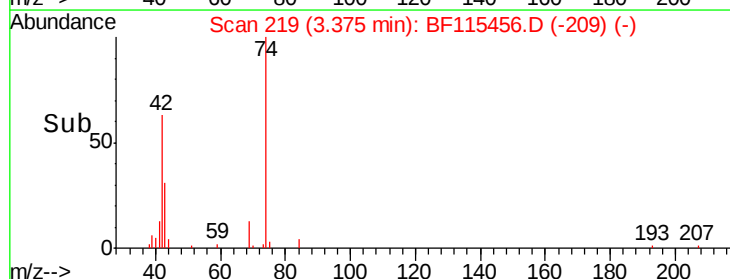
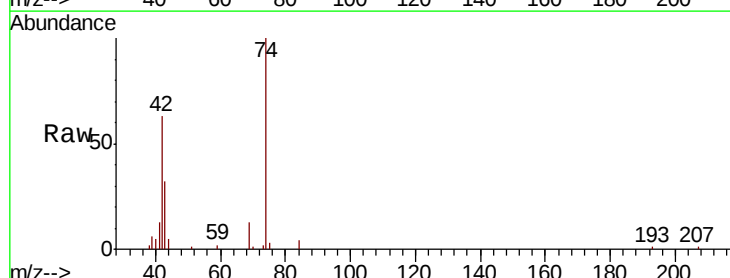
Ion	Ratio	Lower	Upper
79	100		
52	59.6	48.2	72.2
51	28.7	23.2	34.8

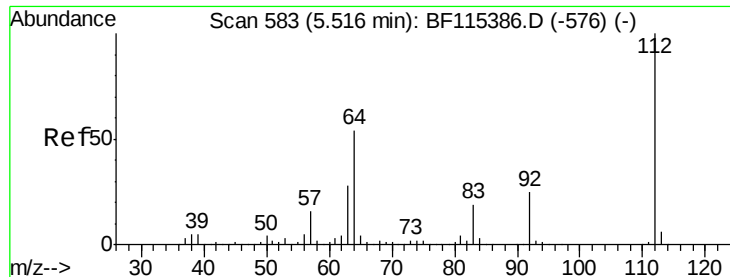


#4
n-Nitrosodimethylamine
Concen: 13.616 ng
RT: 3.38 min Scan# 219
Delta R.T. -0.04 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 42 Resp: 70770

Ion	Ratio	Lower	Upper
42	100		
74	158.8	128.5	192.7
44	7.8	5.3	7.9





#5

2-Fluorophenol

Concen: 56.756 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

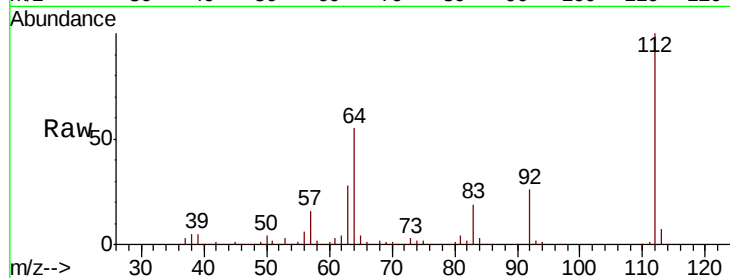
Tot Ion: 112 Resp: 536354

Ion Ratio Lower Upper

112 100

64 55.4 44.2 66.2

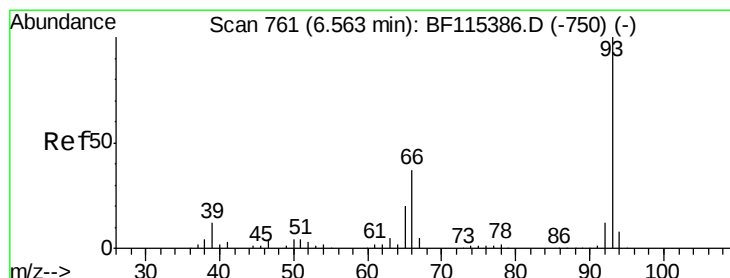
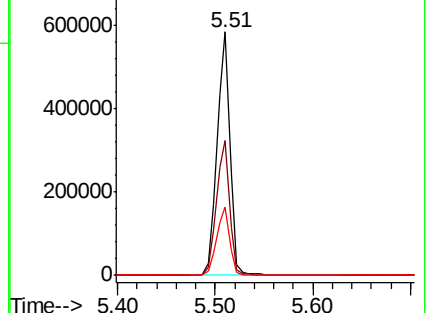
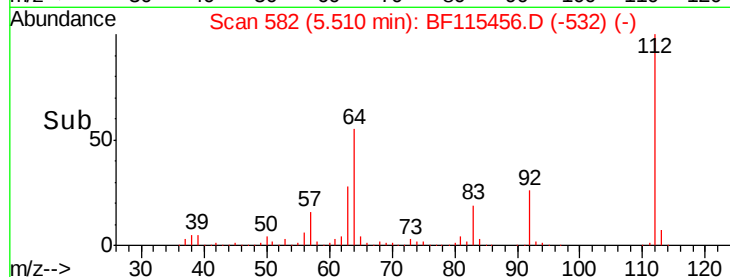
63 28.0 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.086 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

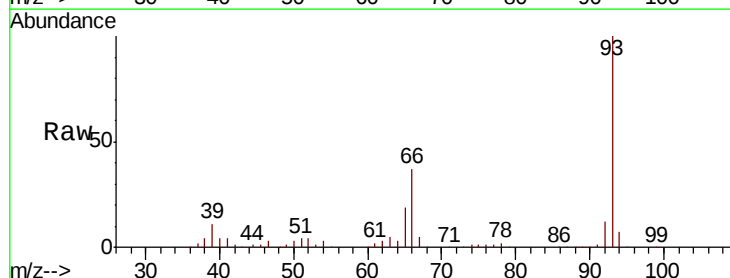
Tgt Ion: 93 Resp: 357623

Ion Ratio Lower Upper

93 100

66 37.3 31.3 46.9

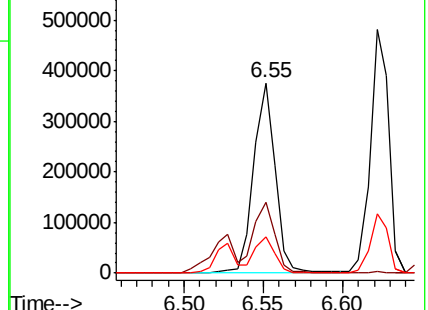
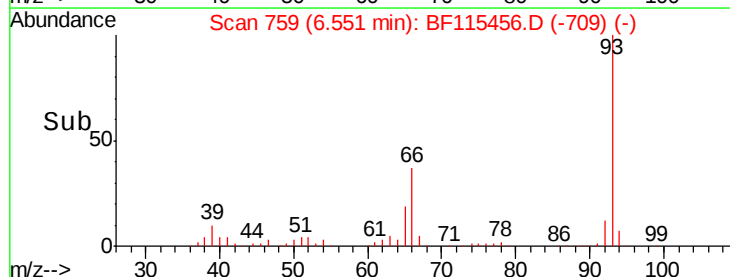
65 18.9 15.9 23.9

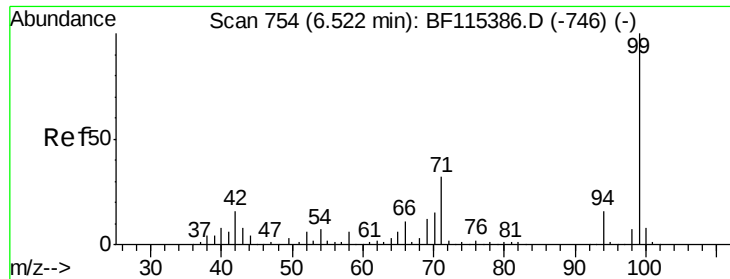


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 37.841 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

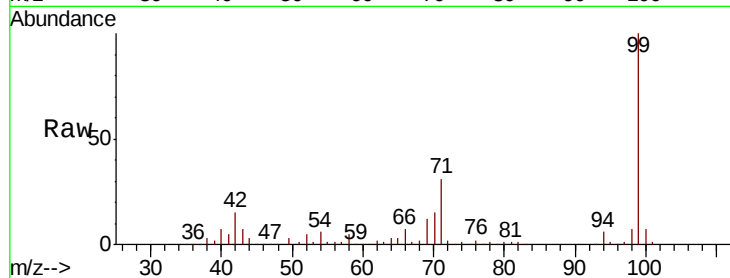
Tot Ion: 99 Resp: 454800

Ion Ratio Lower Upper

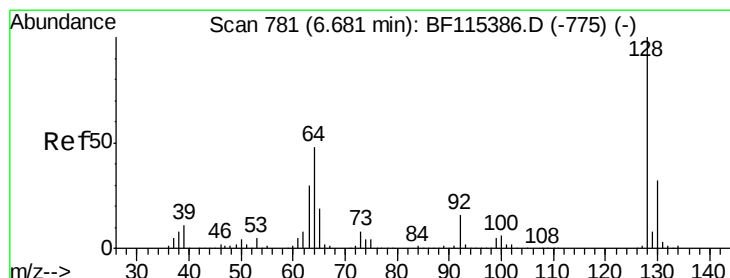
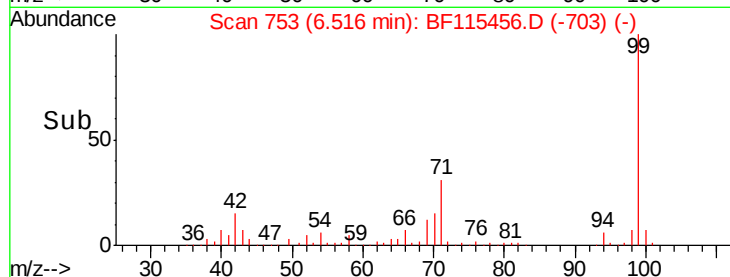
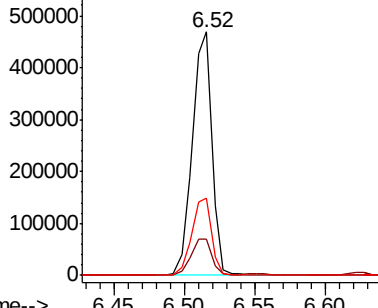
99 100

42 14.7 12.8 19.2

71 31.5 26.5 39.7



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



#8

2-Chlorophenol

Concen: 32.196 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

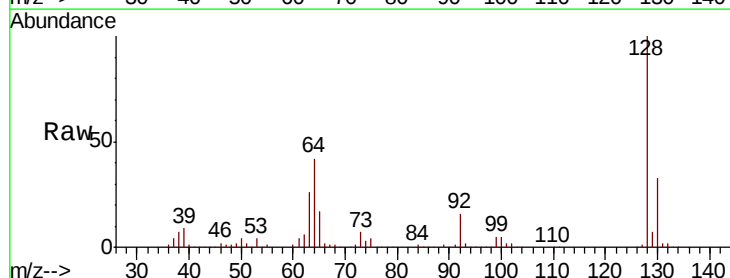
Tgt Ion: 128 Resp: 343560

Ion Ratio Lower Upper

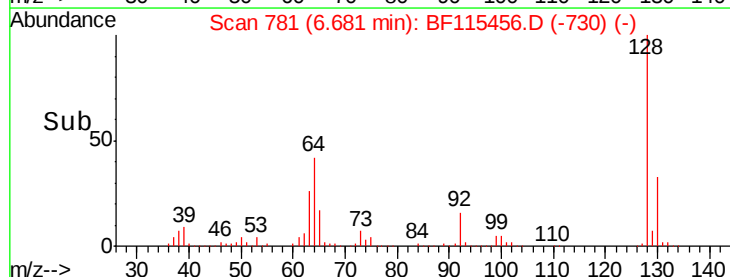
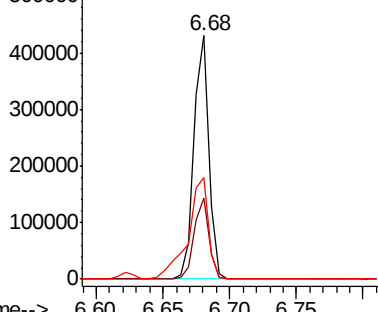
128 100

130 33.2 11.8 51.8

64 41.8 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

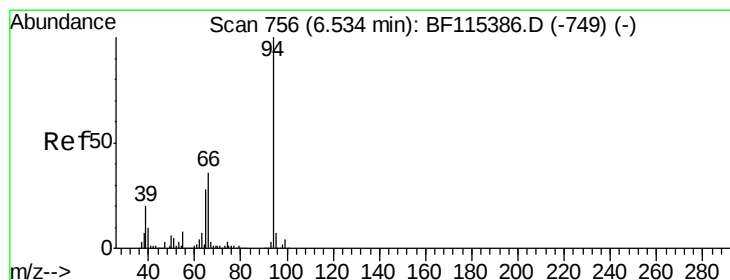
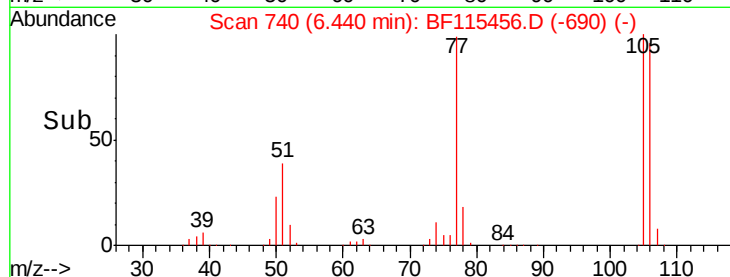
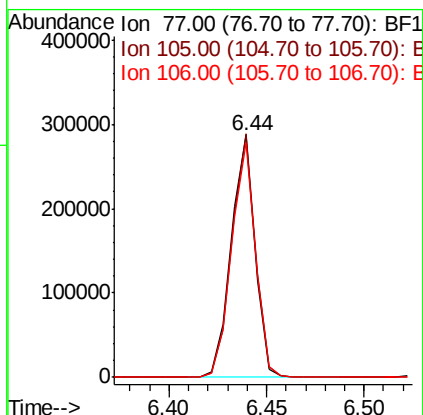
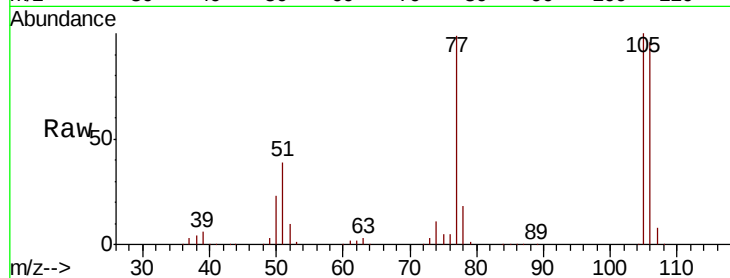




#9
Benzaldehyde
Concen: 33.995 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

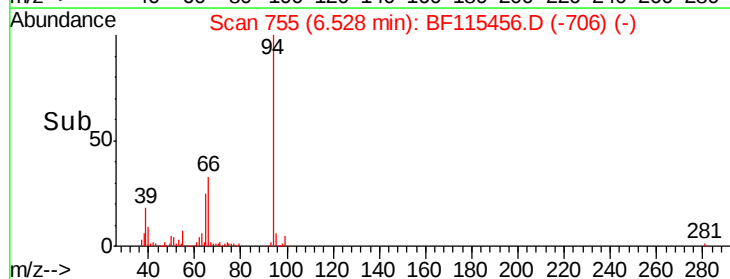
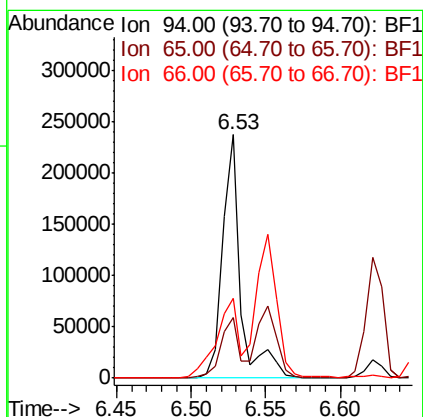
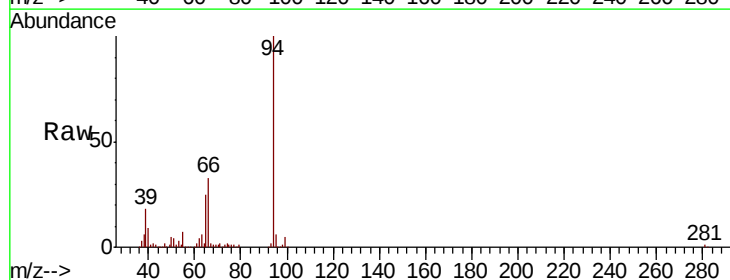
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

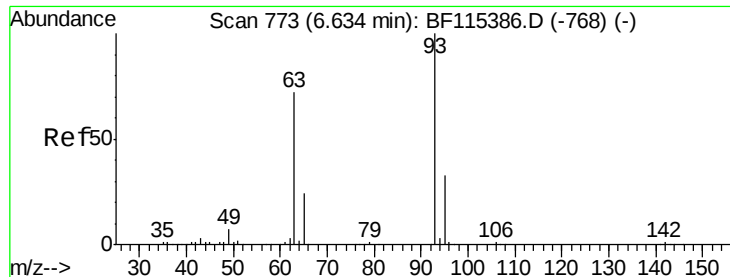
Tot Ion: 77 Resp: 242225
Ion Ratio Lower Upper
77 100
105 100.6 82.9 122.9
106 96.8 77.8 117.8



#10
Phenol
Concen: 14.053 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 94 Resp: 202077
Ion Ratio Lower Upper
94 100
65 25.0 7.2 47.2
66 32.8 16.9 56.9

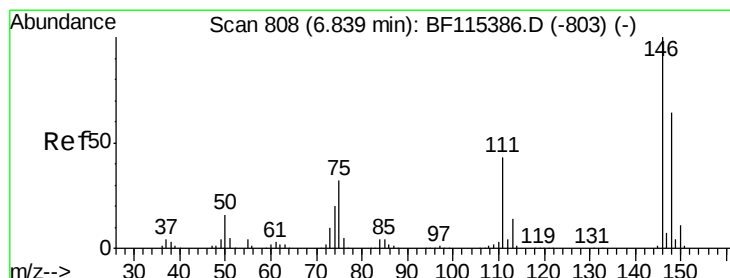
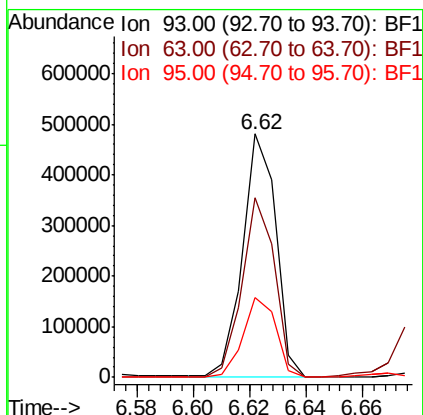
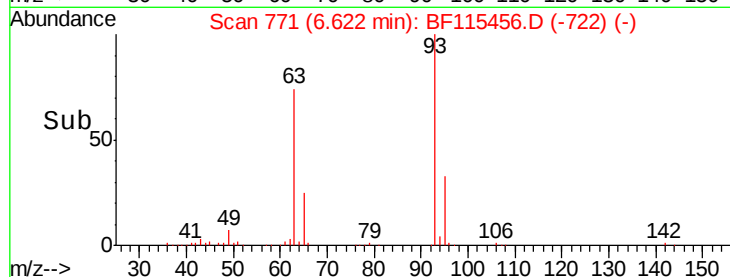
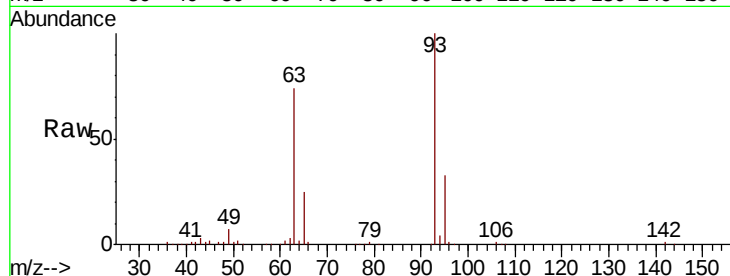




#11
bis(2-Chloroethyl)ether
Concen: 36.739 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

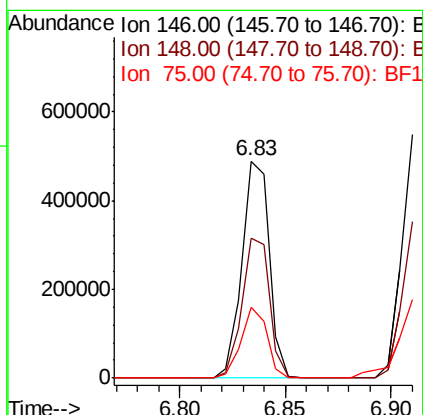
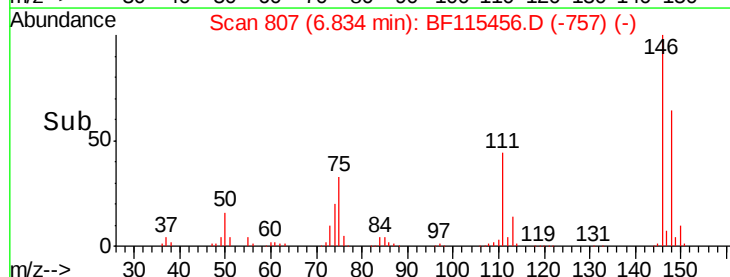
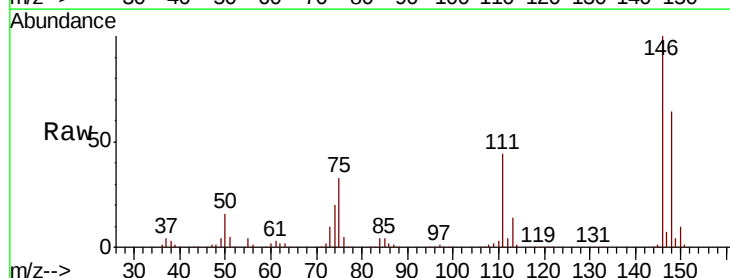
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

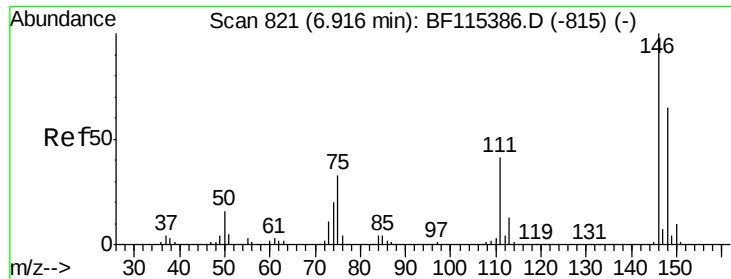
Tot Ion: 93 Resp: 391929
Ion Ratio Lower Upper
93 100
63 73.5 50.0 90.0
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 37.612 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 146 Resp: 439704
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
75 32.8 24.8 37.2

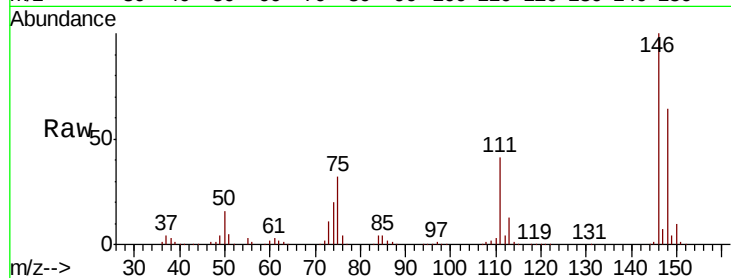




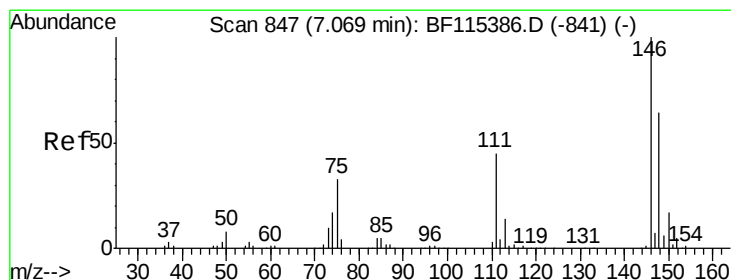
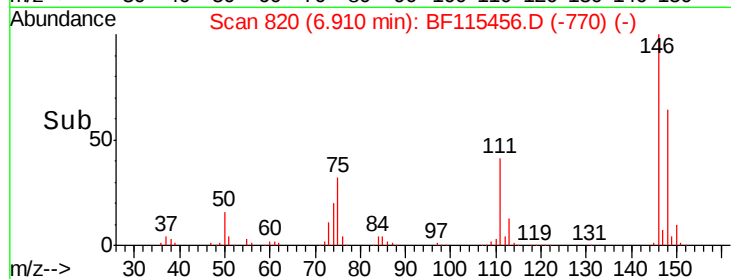
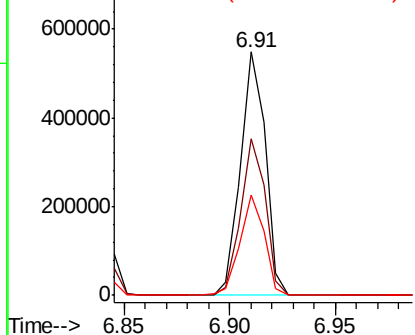
#13
 1,4-Dichlorobenzene
 Concen: 38.186 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion:146 Resp: 447167
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.3 76.9
 111 41.1 32.1 48.1

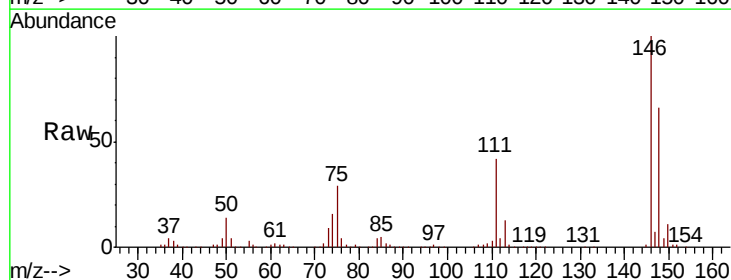


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

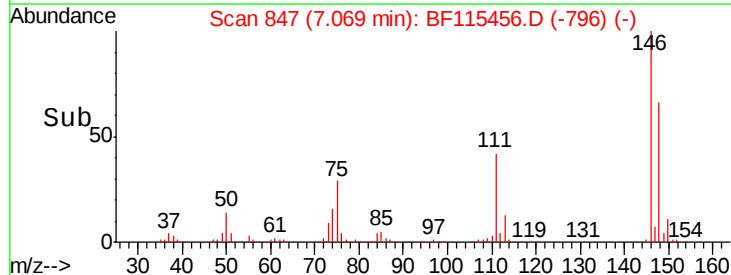
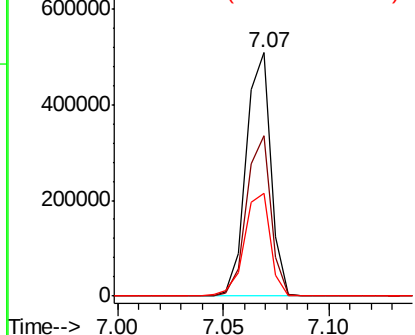


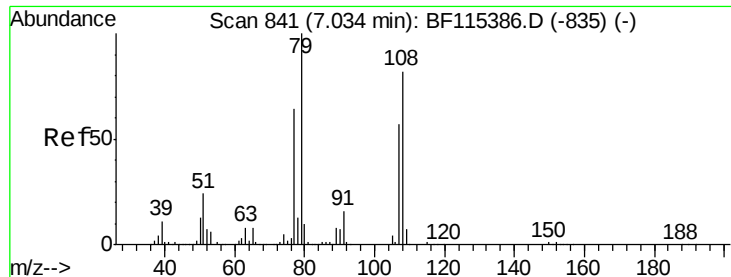
#14
 1,2-Dichlorobenzene
 Concen: 38.032 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion:146 Resp: 412329
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.6 75.8
 111 42.4 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.609 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

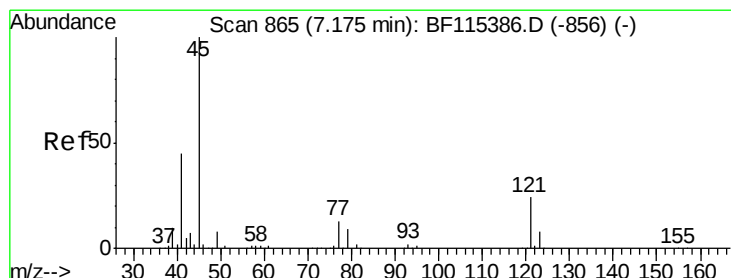
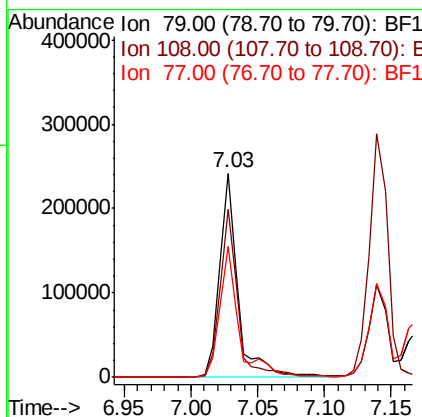
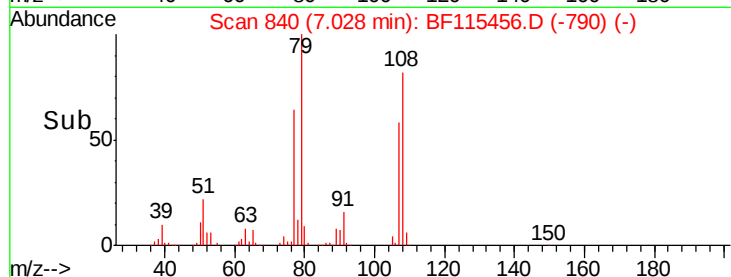
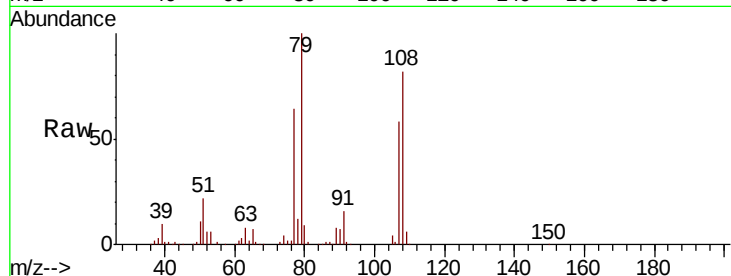
Tot Ion: 79 Resp: 237342

Ion Ratio Lower Upper

79 100

108 82.3 65.3 97.9

77 63.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.353 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

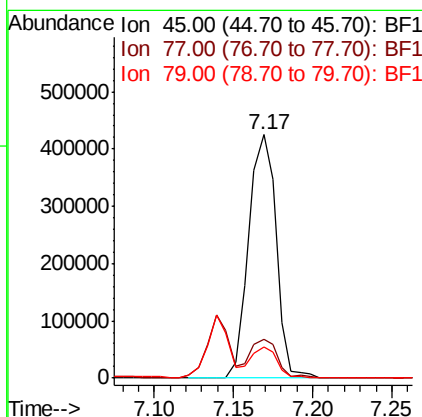
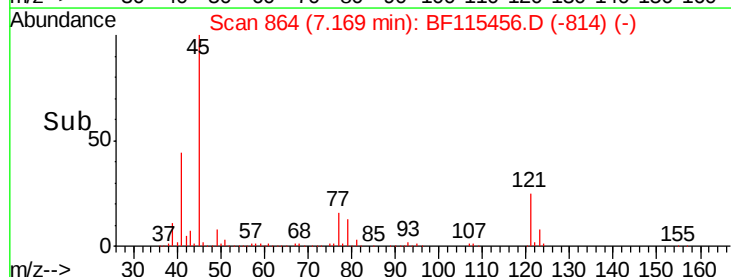
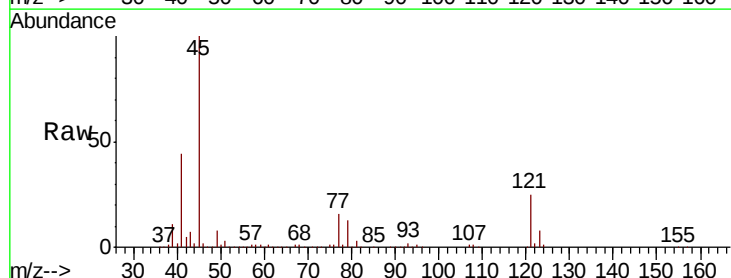
Tgt Ion: 45 Resp: 512414

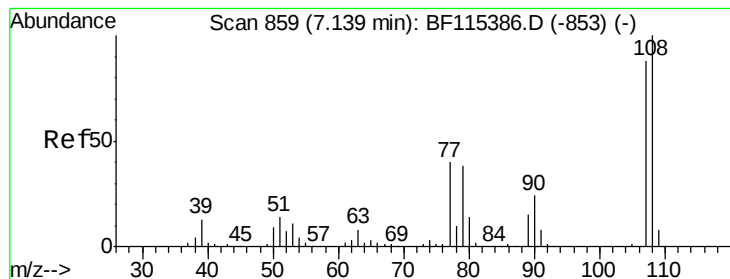
Ion Ratio Lower Upper

45 100

77 16.1 0.0 36.4

79 12.8 0.0 33.4

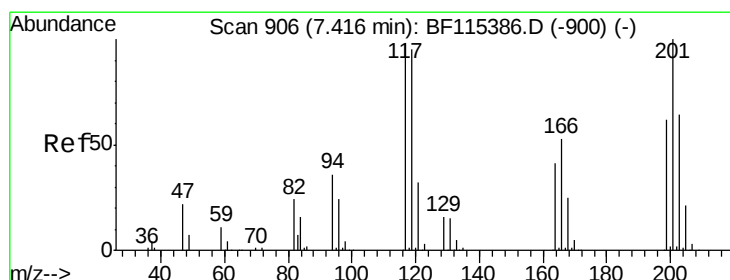
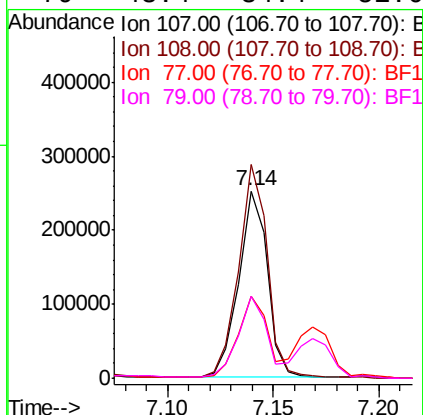
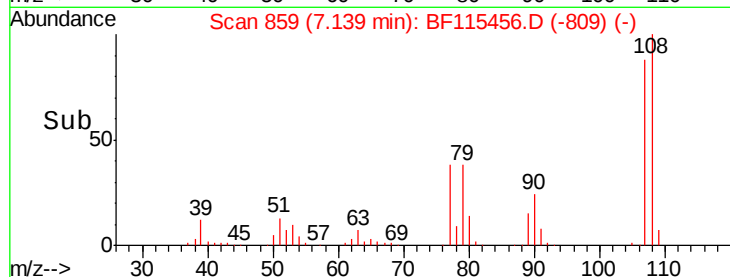
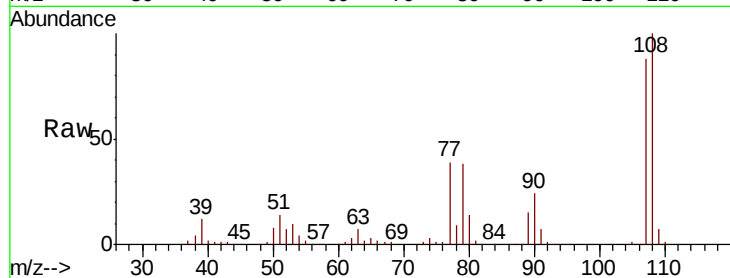




#17
2-Methylphenol
Concen: 26.099 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

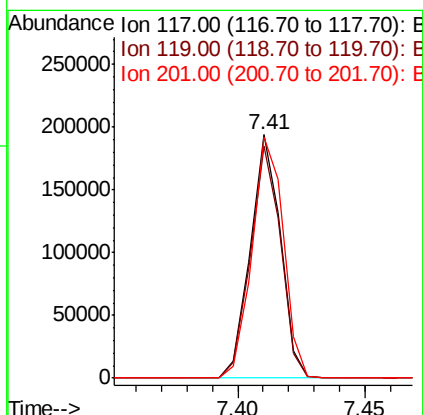
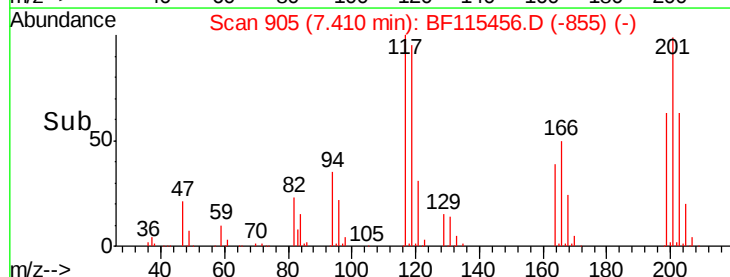
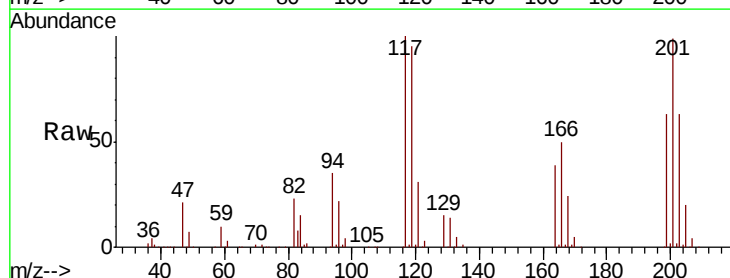
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

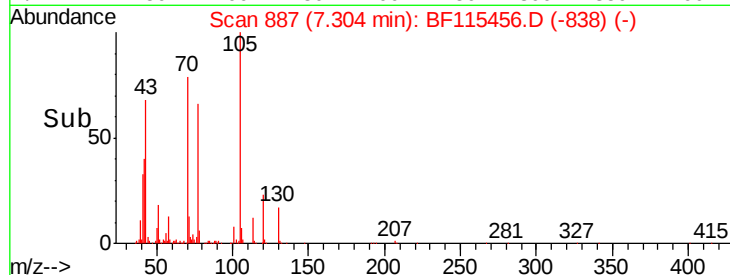
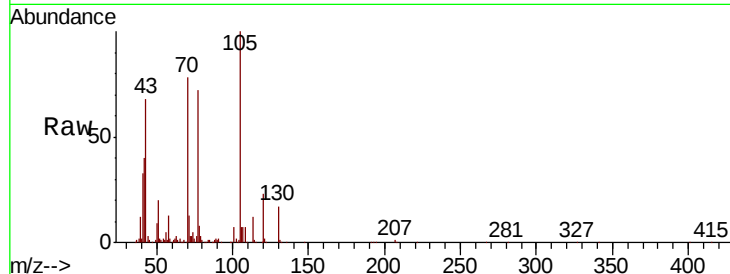
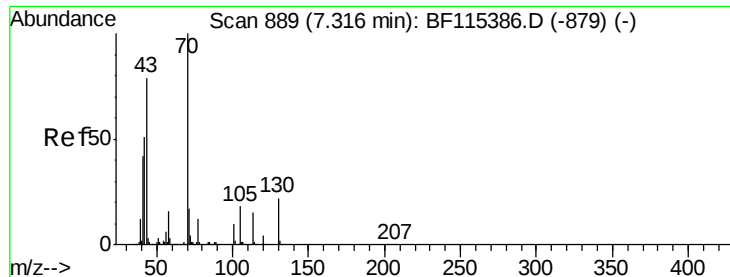
Tot Ion:	107	Resp:	238587
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.0	135.0
77	43.9	35.0	52.4
79	43.4	34.4	51.6



#18
Hexachloroethane
Concen: 36.802 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:	117	Resp:	160543
Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.8	115.2
201	99.1	85.8	128.6

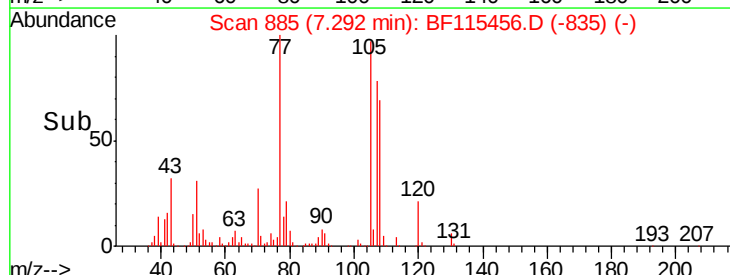
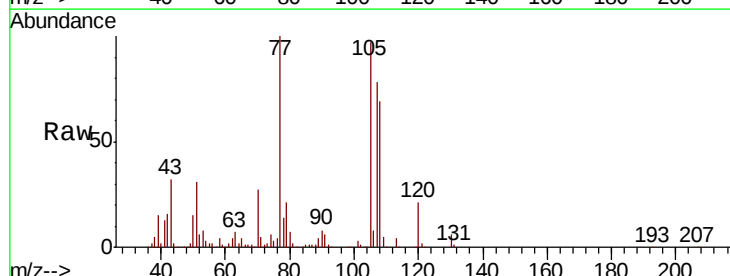
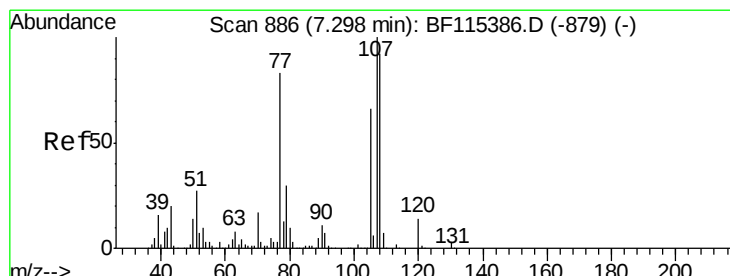
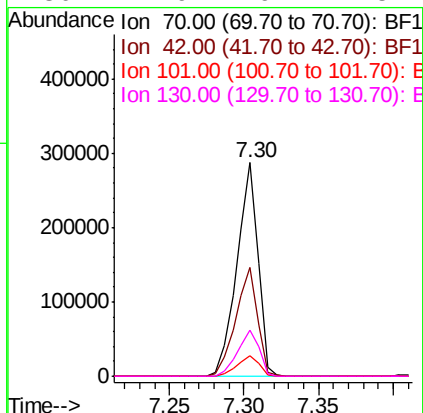




#19
n-Nitroso-di-n-propylamine
Concen: 35.105 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

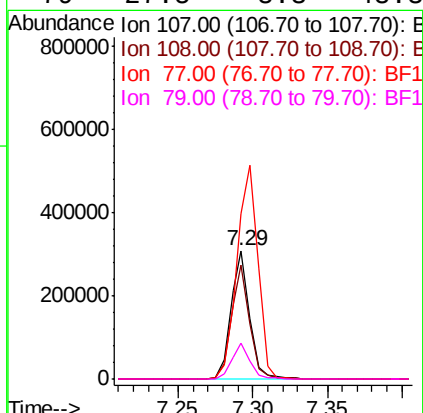
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

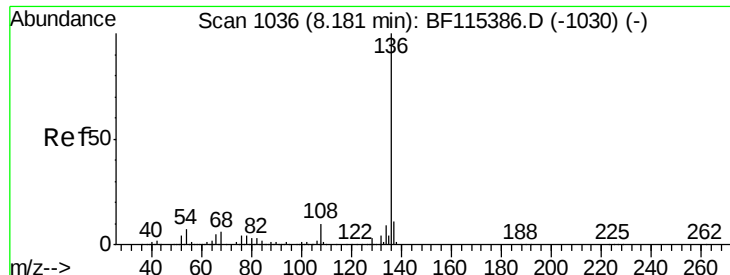
Tot Ion:	70	Resp:	285445
Ion	Ratio	Lower	Upper
70	100		
42	50.7	38.5	57.7
101	9.5	8.0	12.0
130	21.9	19.1	28.7



#20
3+4-Methylphenols
Concen: 24.637 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:	107	Resp:	266038
Ion	Ratio	Lower	Upper
107	100		
108	89.0	70.5	110.5
77	128.9	63.0	103.0#
79	27.5	8.3	48.3

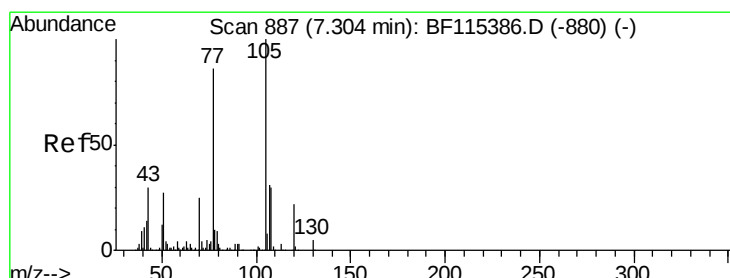
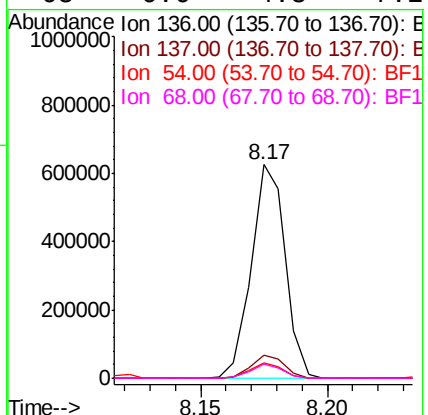
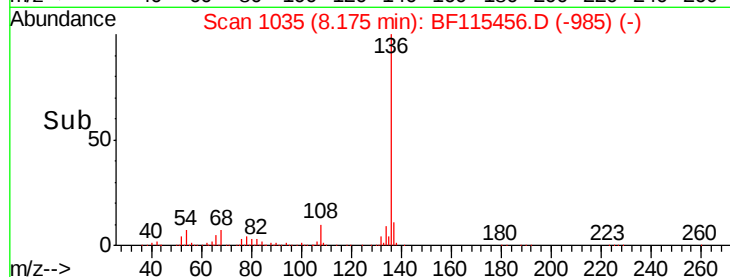
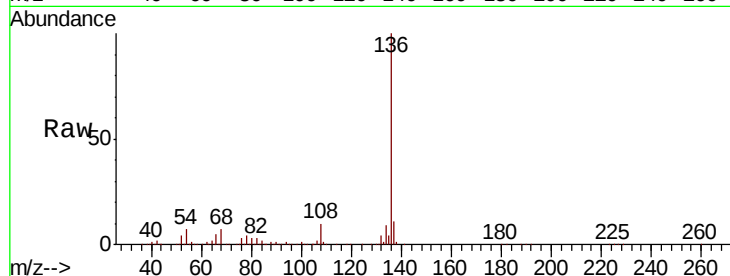




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

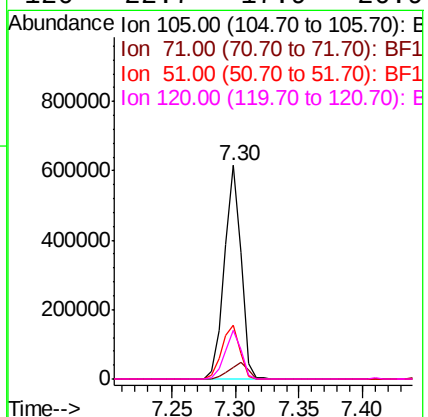
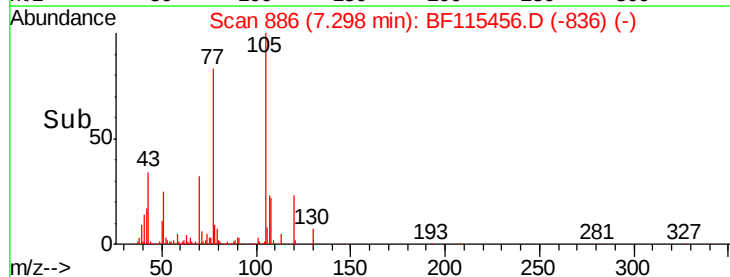
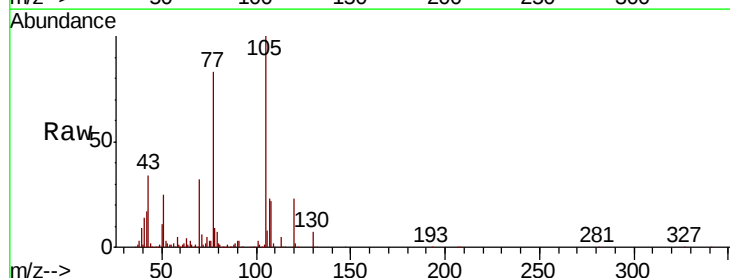
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

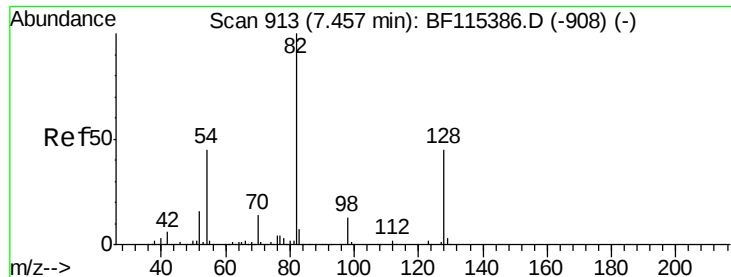
Tot Ion:136	Resp:	579638	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.1	5.4	8.0	
68 6.6	4.8	7.2	



#22
Acetophenone
Concen: 40.319 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt	Ion:105	Resp:	559996
Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.5	5.3#
51	24.9	22.6	33.8
120	22.7	17.9	26.9

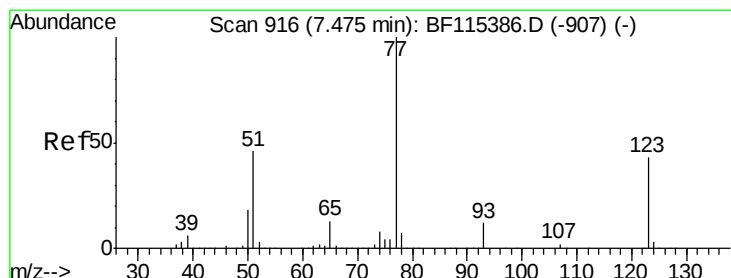
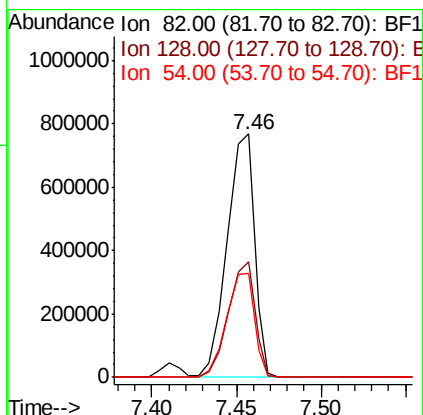
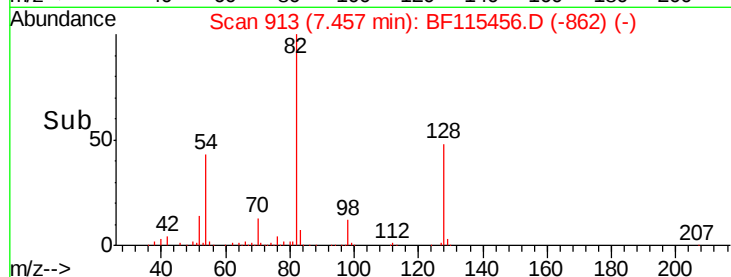
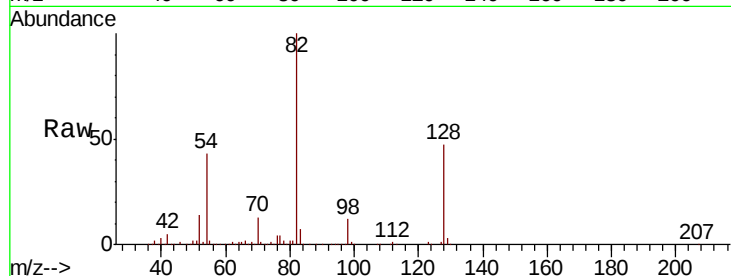




#23
Nitrobenzene-d5
Concen: 88.393 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

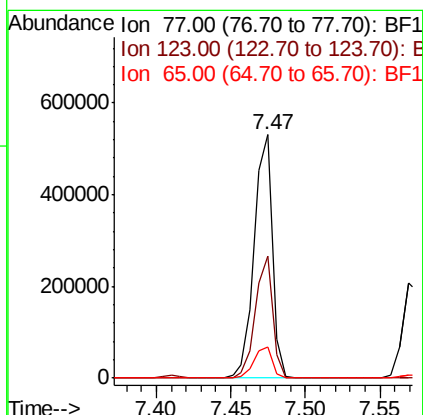
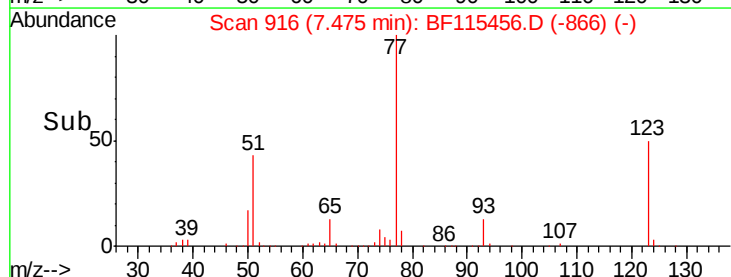
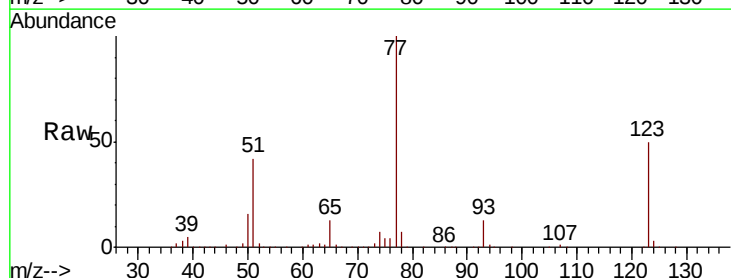
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

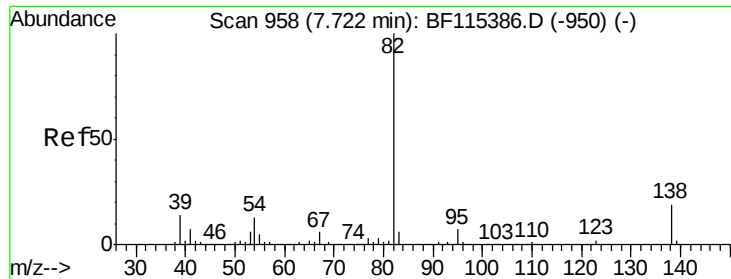
Tot Ion: 82 Resp: 867180
Ion Ratio Lower Upper
82 100
128 47.5 36.7 55.1
54 42.7 35.6 53.4



#24
Nitrobenzene
Concen: 40.154 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 77 Resp: 444889
Ion Ratio Lower Upper
77 100
123 50.2 40.4 60.6
65 12.8 10.4 15.6





#25

Isophorone

Concen: 37.627 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

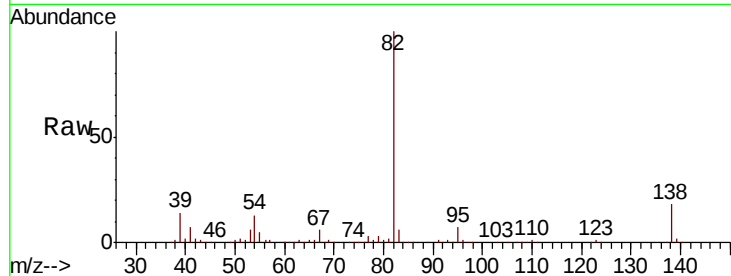
Tot Ion: 82 Resp: 800119

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

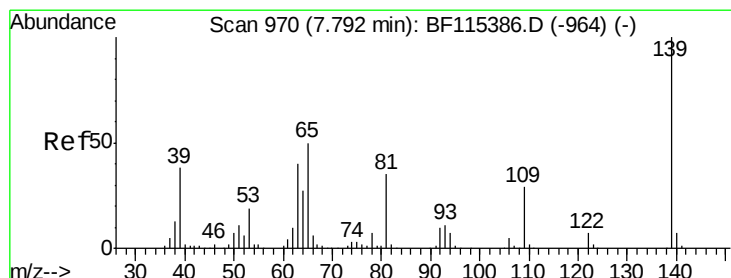
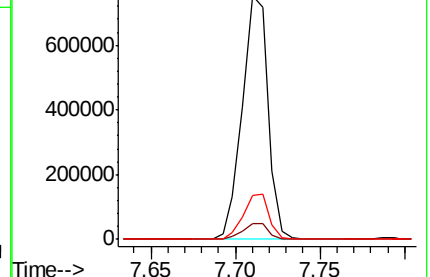
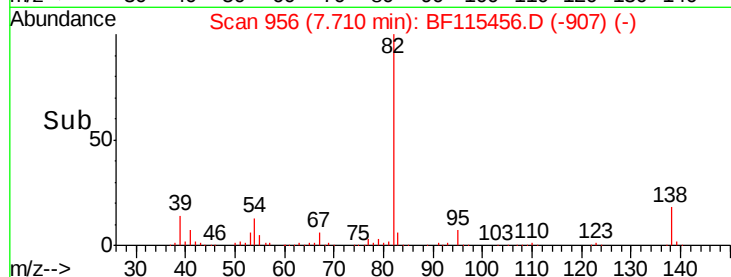
138 17.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.869 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

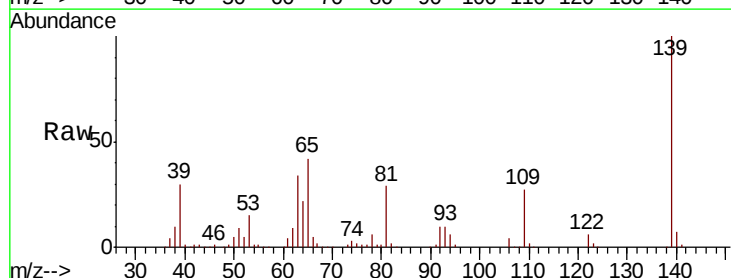
Tgt Ion: 139 Resp: 208934

Ion Ratio Lower Upper

139 100

109 26.6 22.2 33.4

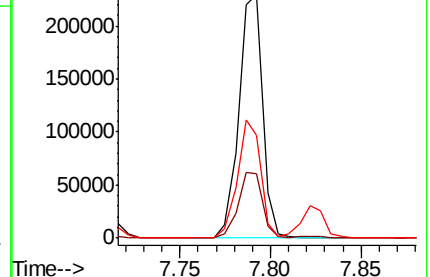
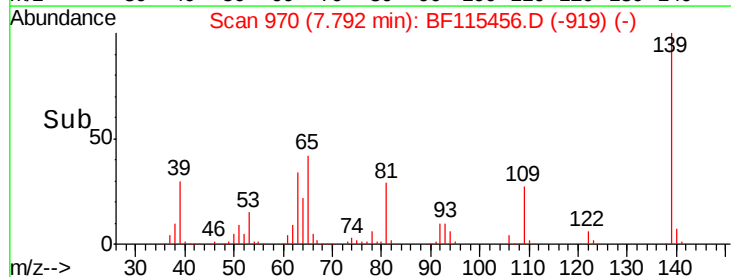
65 42.4 37.5 56.3

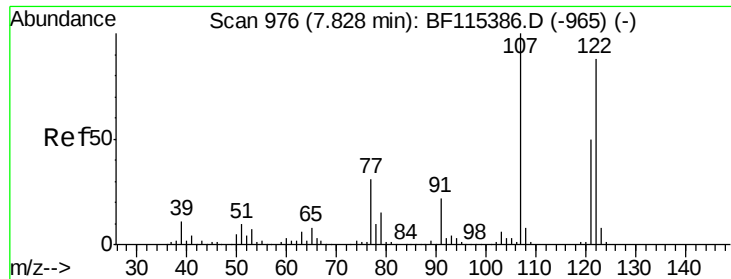


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

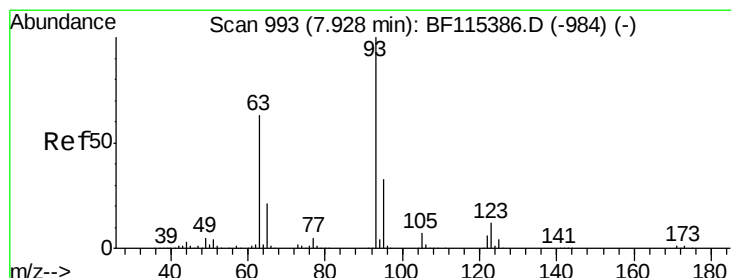
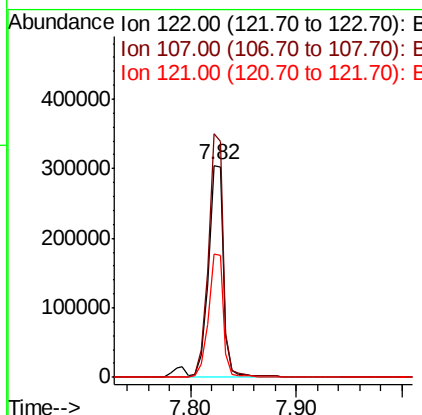
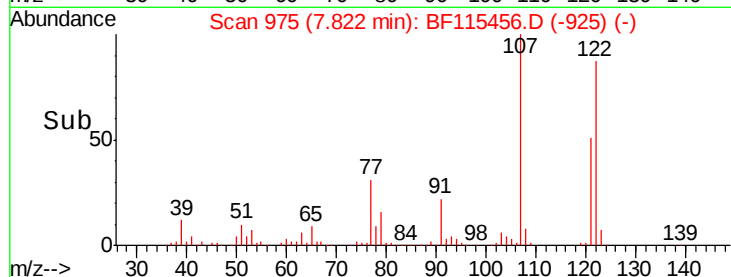
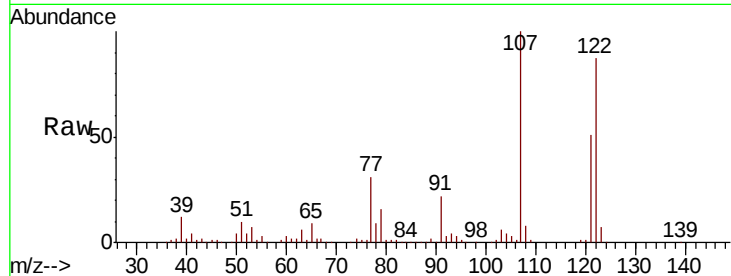




#27
2,4-Dimethylphenol
Concen: 35.066 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

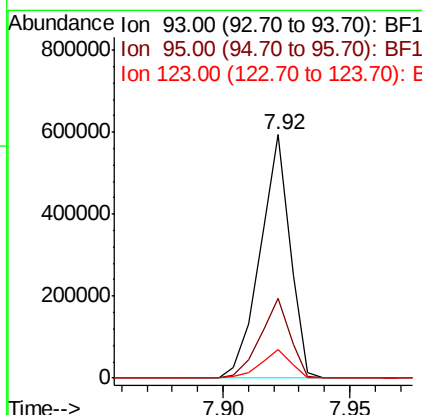
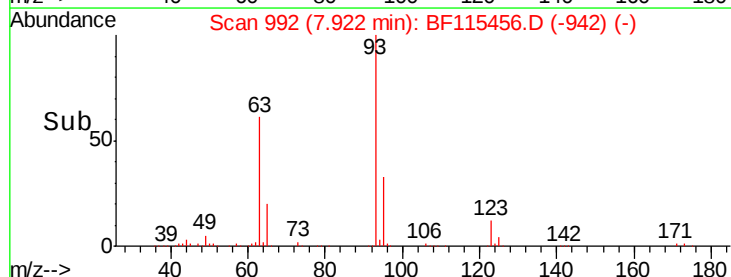
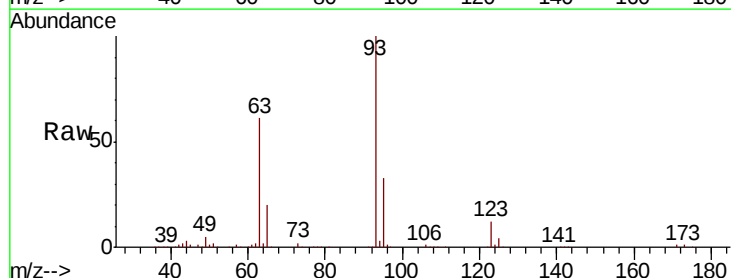
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

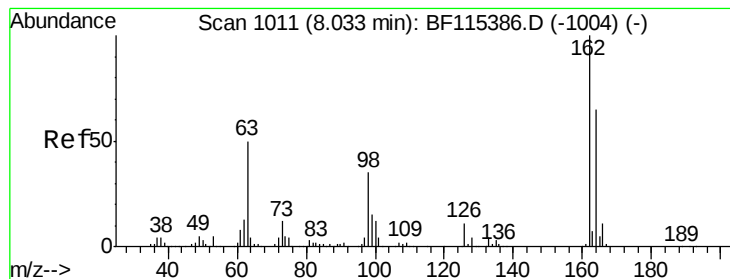
Tot Ion:122 Resp: 304575
Ion Ratio Lower Upper
122 100
107 115.0 91.7 137.5
121 58.5 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 37.420 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 93 Resp: 490680
Ion Ratio Lower Upper
93 100
95 32.9 26.6 39.8
123 11.7 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 37.744 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

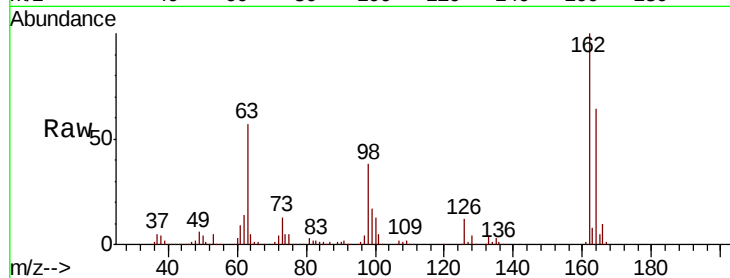
Tot Ion:162 Resp: 326524

Ion Ratio Lower Upper

162 100

164 64.2 45.2 85.2

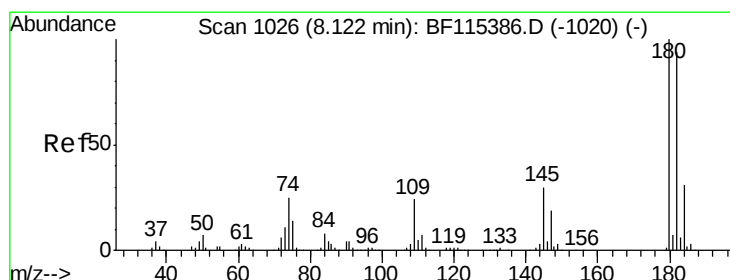
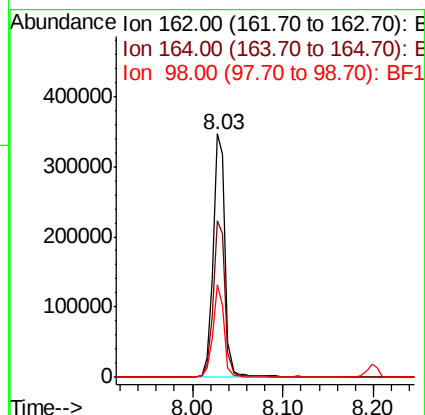
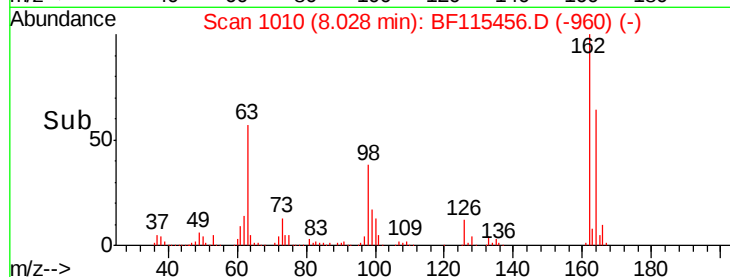
98 38.3 17.0 57.0



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: 39.729 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

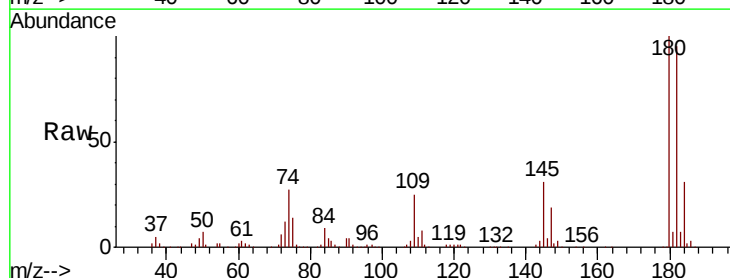
Tgt Ion:180 Resp: 382624

Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

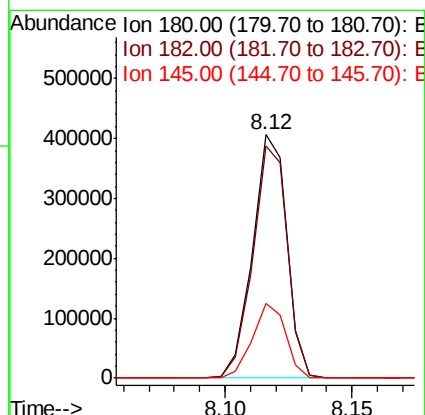
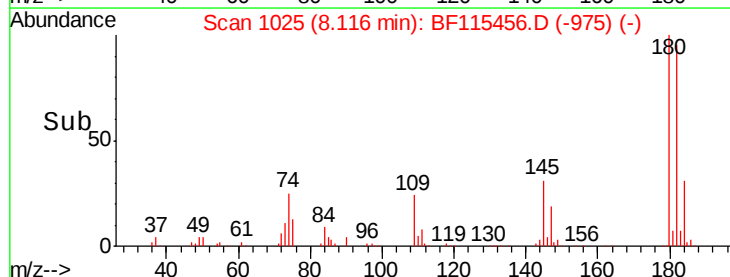
145 30.9 23.9 35.9

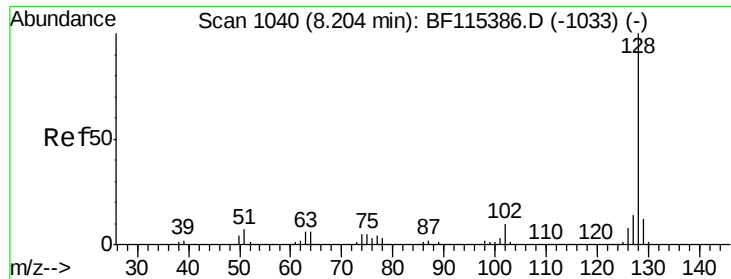


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

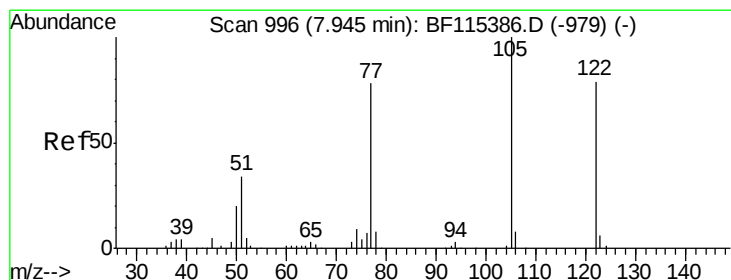
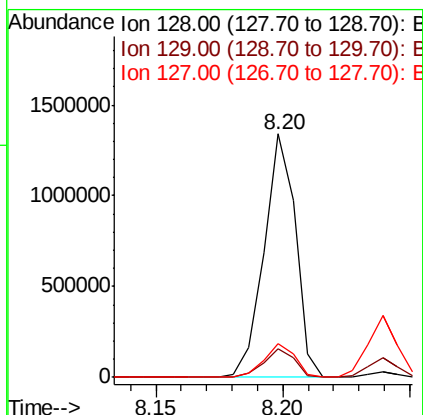
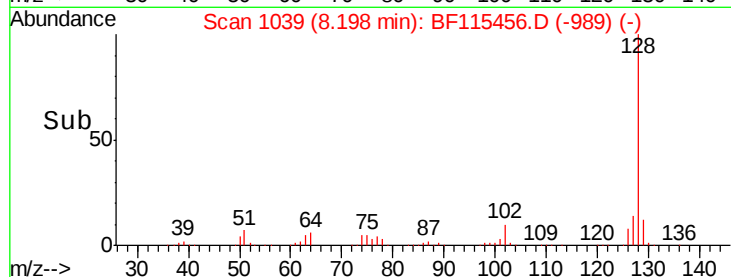
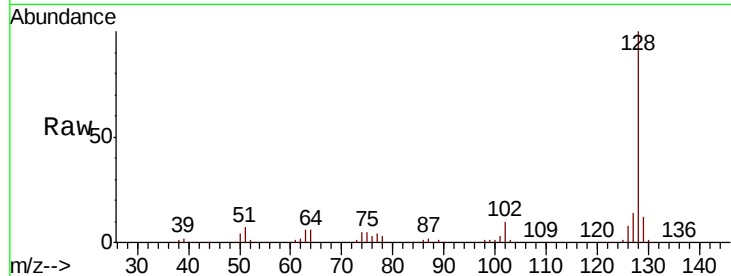




#31
Naphthalene
Concen: 40.671 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

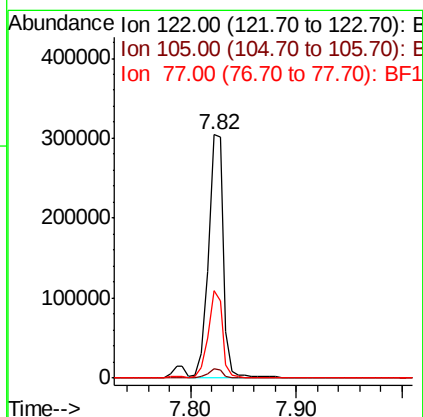
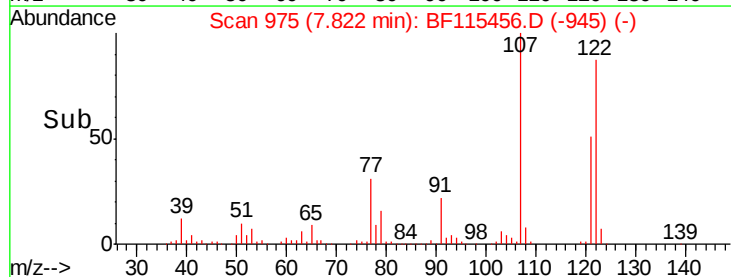
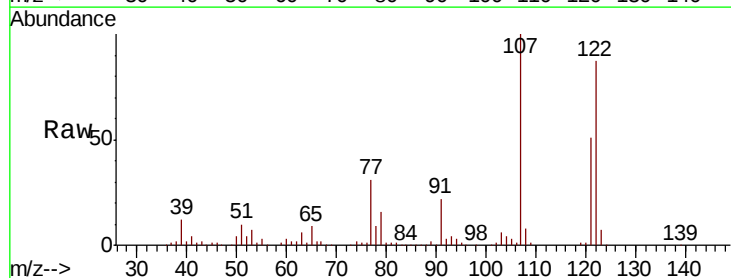
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

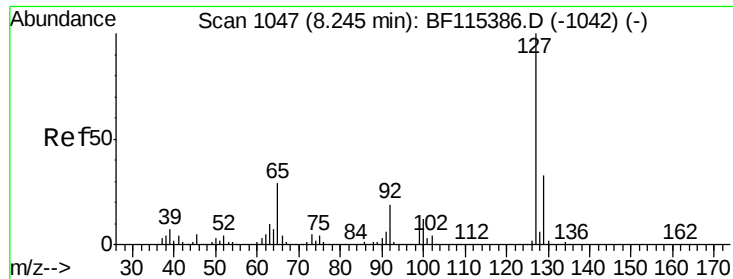
Tot Ion:128 Resp: 1170953
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 48.118 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.12 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:122 Resp: 304575
Ion Ratio Lower Upper
122 100
105 3.7 101.6 141.6#
77 35.7 69.1 109.1#

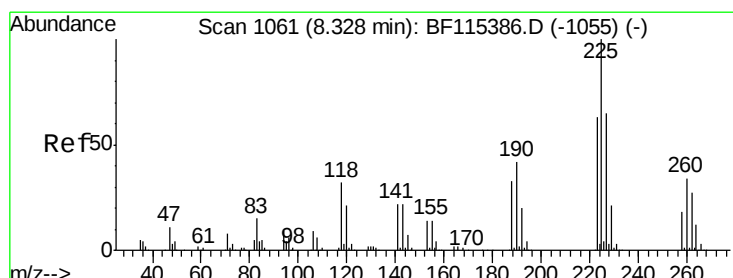
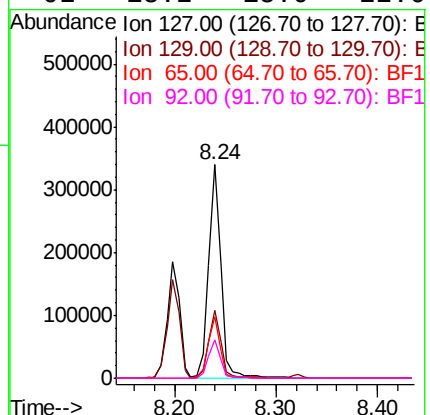
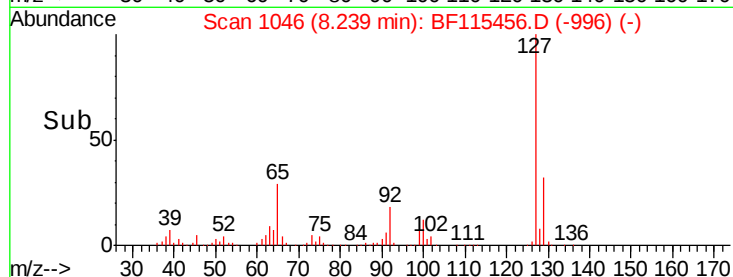
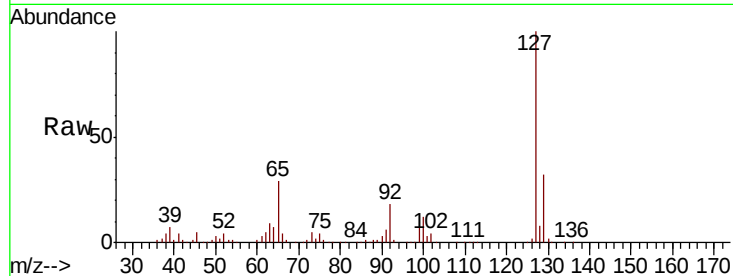




#33
4-Chloroaniline
Concen: 22.252 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

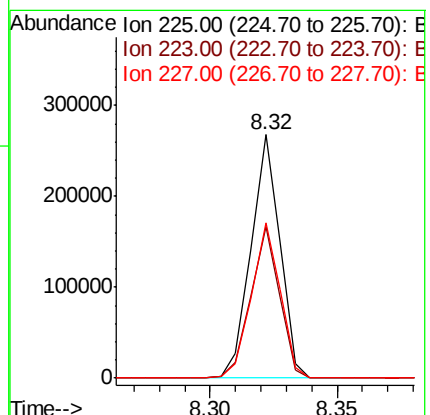
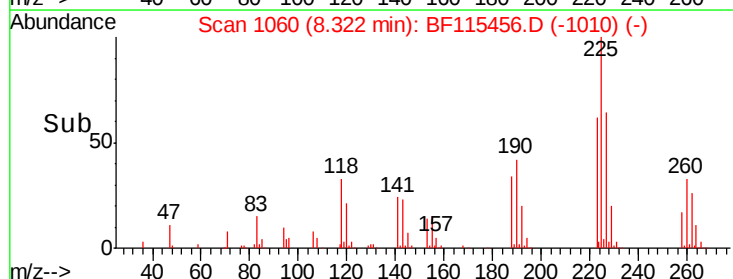
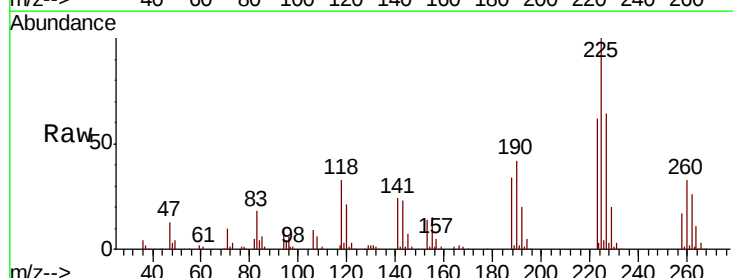
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

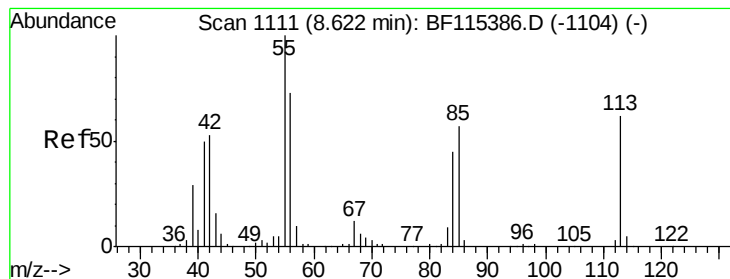
Tot Ion:	127	Resp:	285843
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	28.7	23.2	34.8
92	18.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.957 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:	225	Resp:	212774
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.6	51.4	77.2





#35

Caprolactam

Concen: 5.917 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

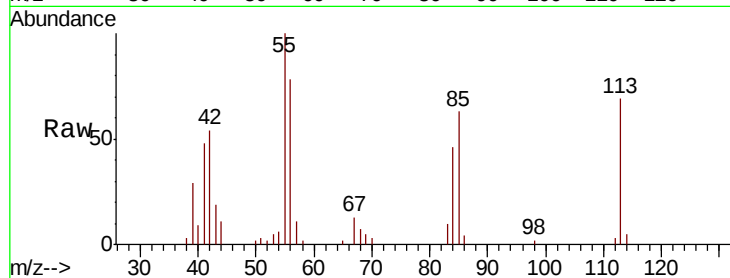
Tot Ion:113 Resp: 16671

Ion Ratio Lower Upper

113 100

55 144.8 138.1 178.1

56 113.1 95.7 135.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

25000

20000

15000

10000

5000

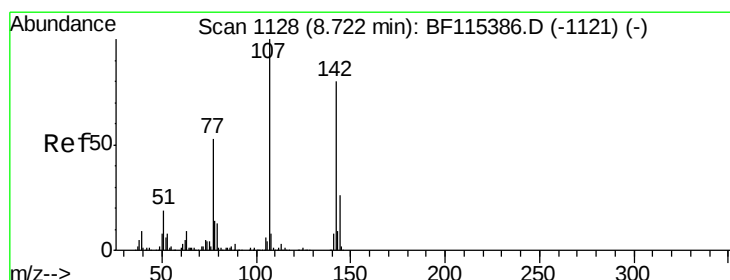
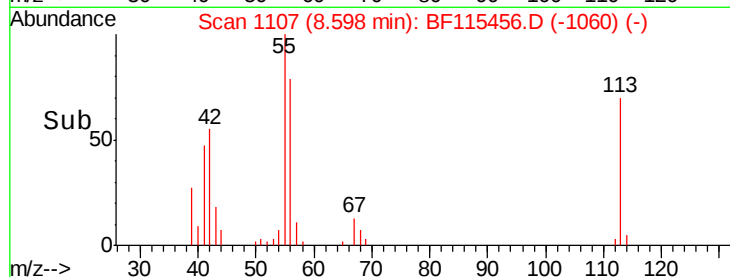
0

8.55

8.60

8.65

Time-->



#36

4-Chloro-3-methylphenol

Concen: 35.792 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

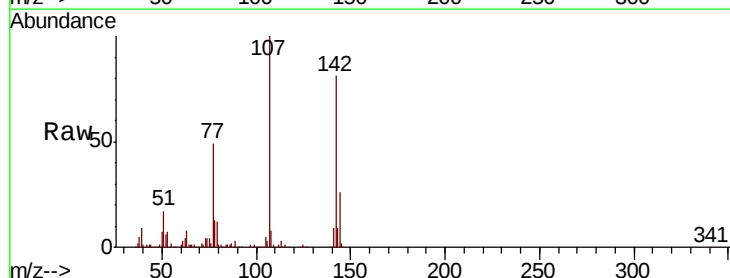
Tgt Ion:107 Resp: 327518

Ion Ratio Lower Upper

107 100

144 26.4 21.5 32.3

142 80.9 66.2 99.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

500000

400000

300000

200000

100000

0

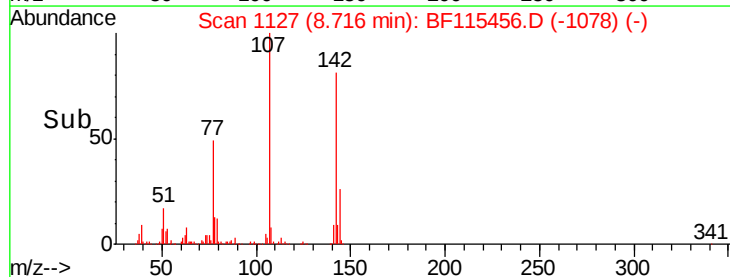
8.65

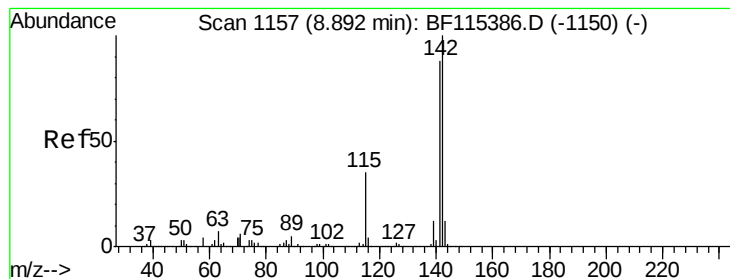
8.70

8.75

8.80

Time-->





#37

2-Methylnaphthalene

Concen: 41.004 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

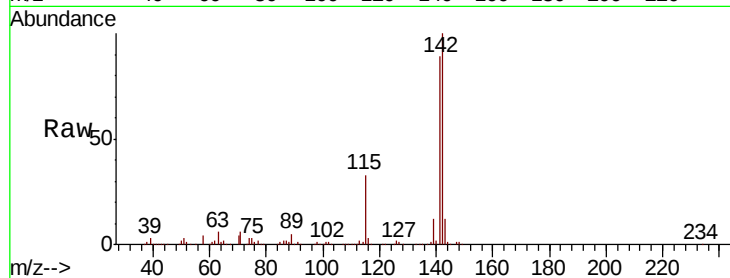
Tot Ion:142 Resp: 789074

Ion Ratio Lower Upper

142 100

141 88.5 72.1 108.1

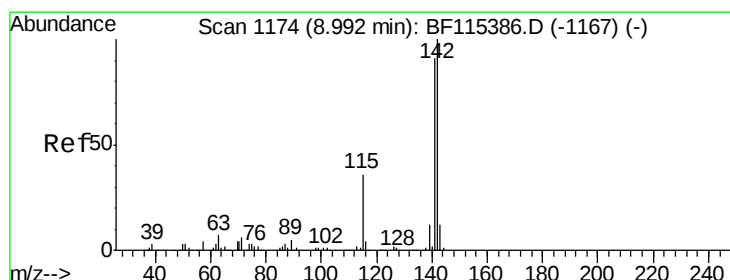
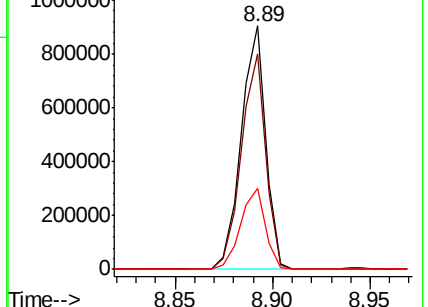
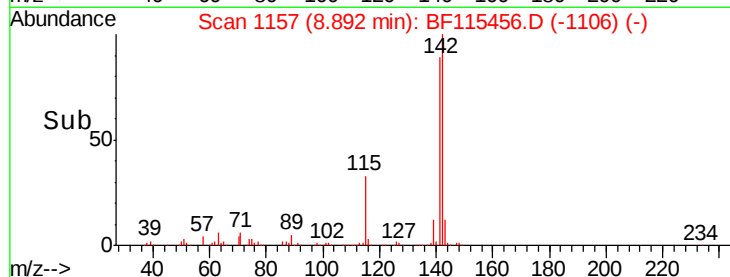
115 33.3 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.133 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

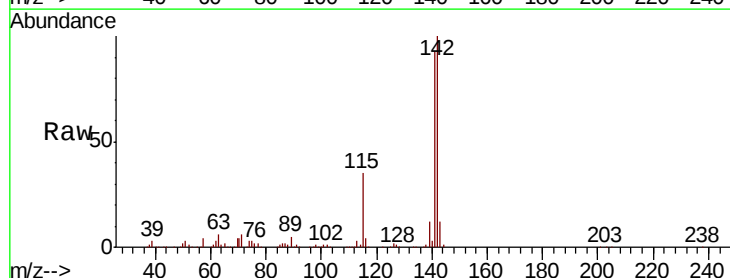
Tgt Ion:142 Resp: 736890

Ion Ratio Lower Upper

142 100

141 93.4 74.3 111.5

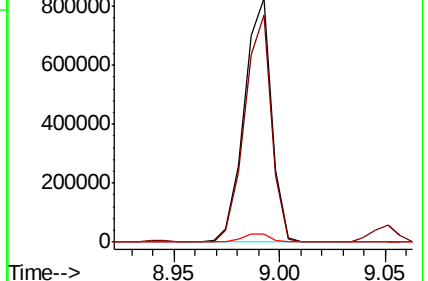
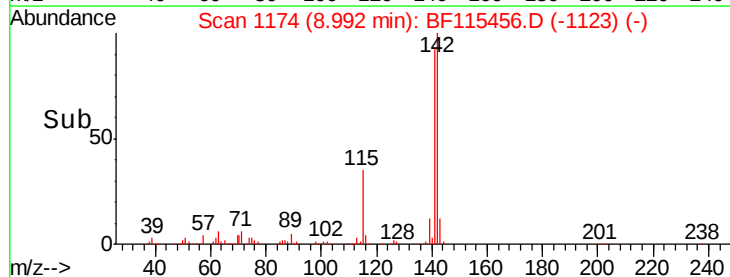
116 3.5 3.1 4.7

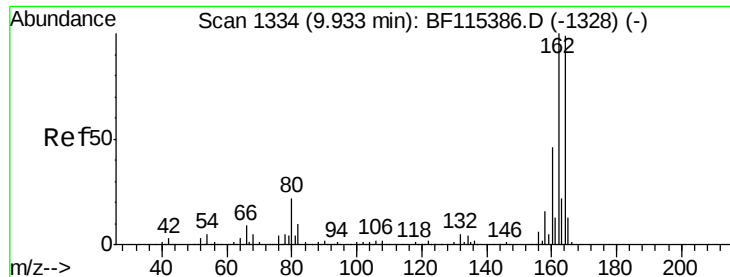


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

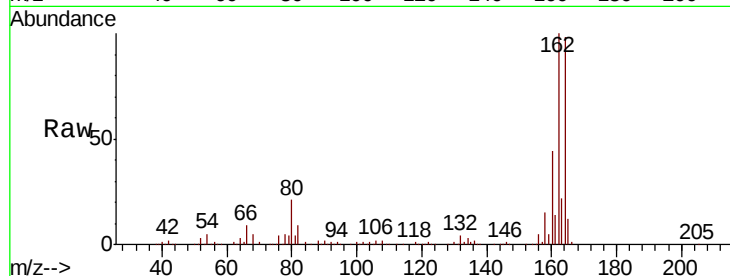
Tot Ion:164 Resp: 288112

Ion Ratio Lower Upper

164 100

162 102.3 82.3 123.5

160 45.3 37.2 55.8

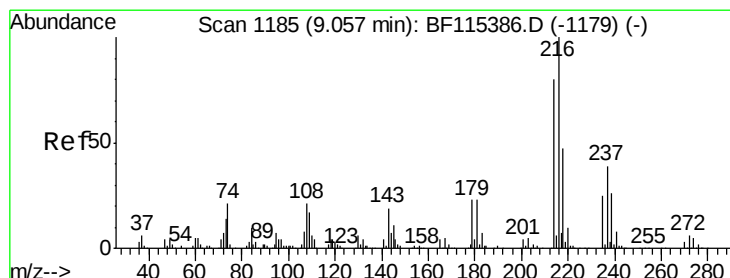
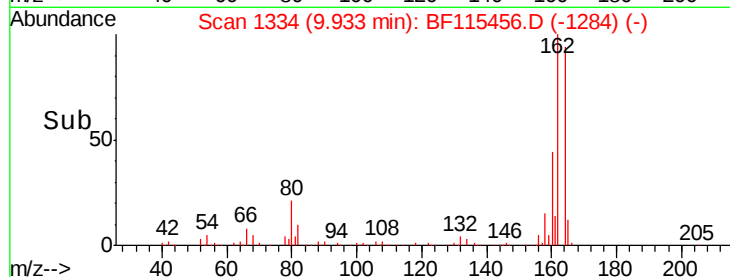
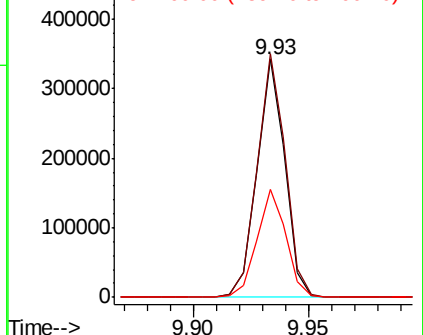


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.255 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:216 Resp: 350235

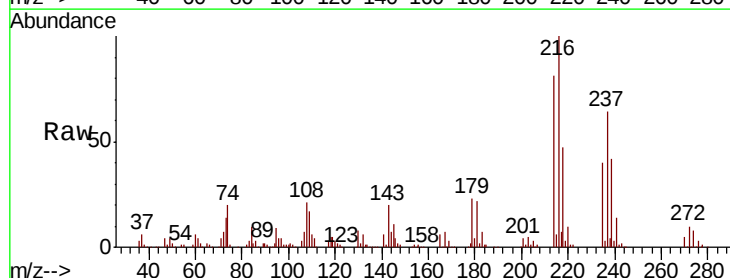
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 21.8 17.4 26.0

108 21.1 15.4 23.2



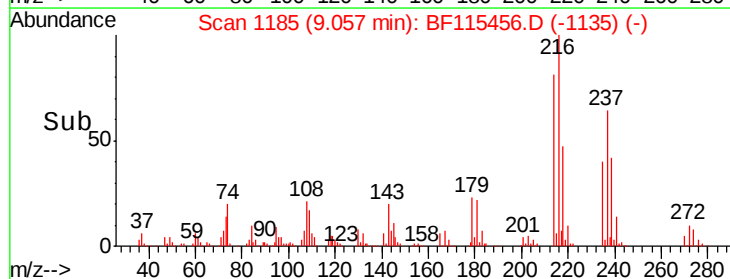
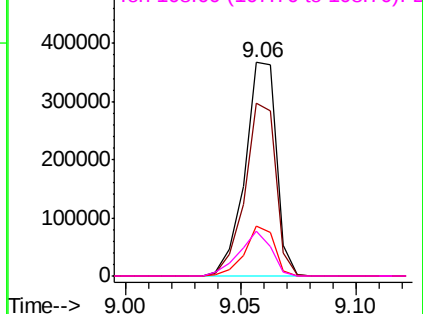
Abundance

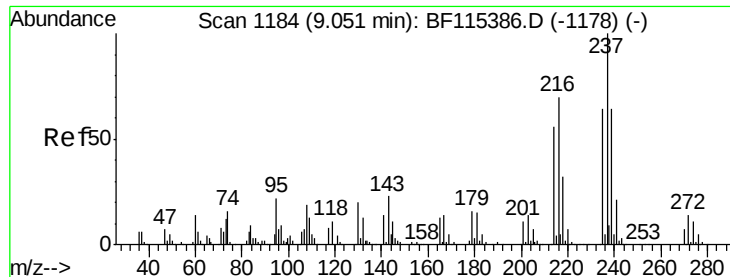
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.743 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

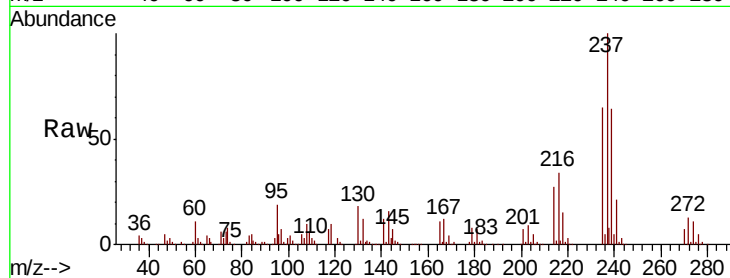
Tot Ion:237 Resp: 383086

Ion Ratio Lower Upper

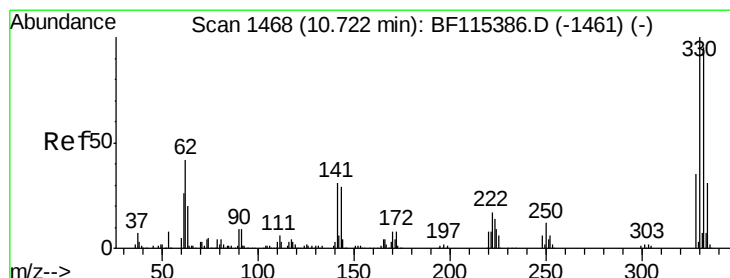
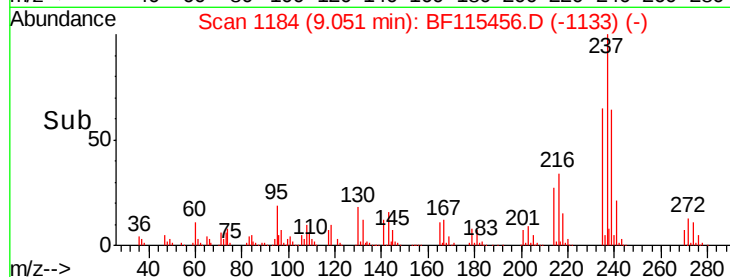
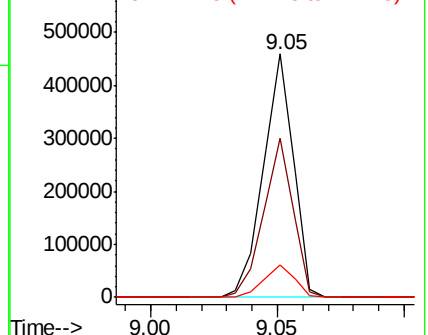
237 100

235 65.3 43.4 83.4

272 13.5 0.0 33.6



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: 113.024 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

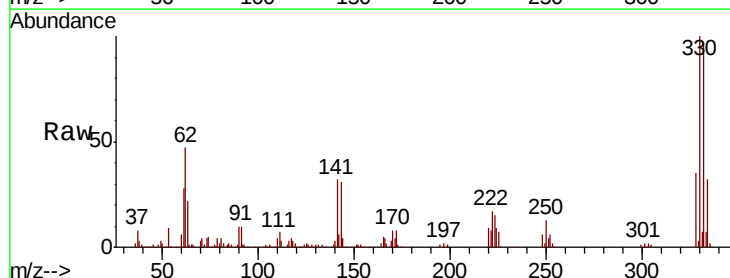
Tgt Ion:330 Resp: 360044

Ion Ratio Lower Upper

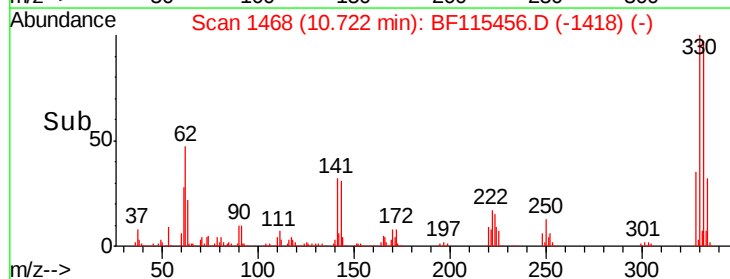
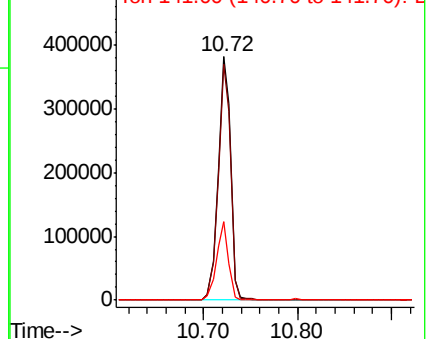
330 100

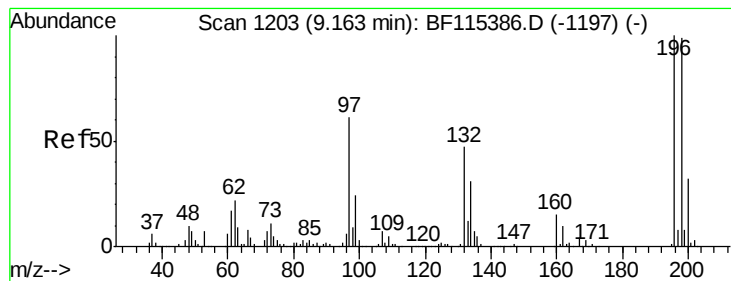
332 96.1 77.4 116.0

141 30.7 24.7 37.1



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: 38.201 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

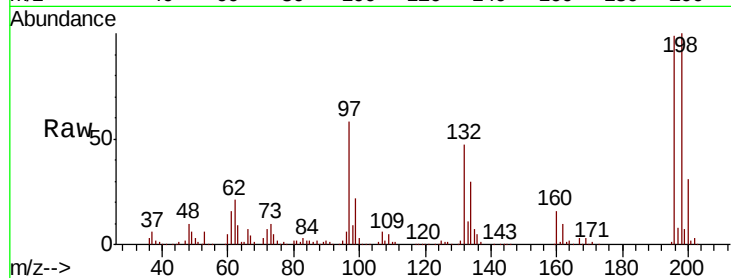
Tot Ion:196 Resp: 230519

Ion Ratio Lower Upper

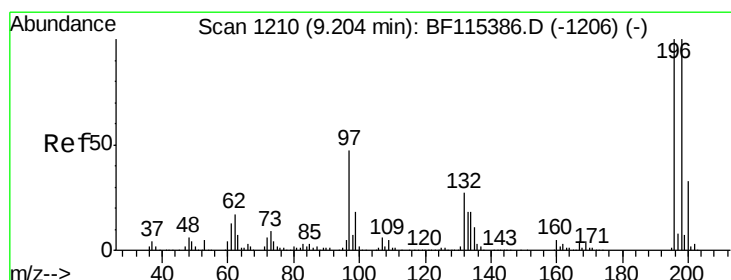
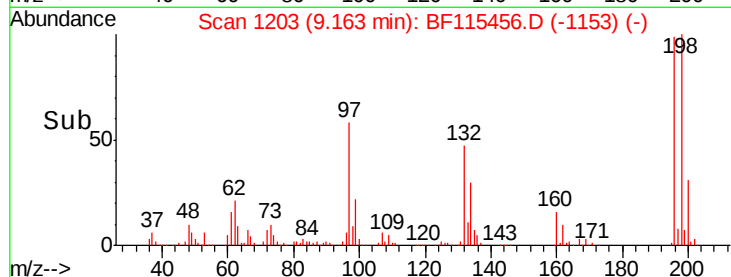
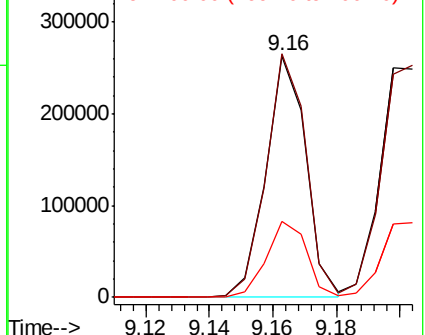
196 100

198 100.8 78.2 117.4

200 31.4 25.0 37.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.104 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Tgt Ion:196 Resp: 244677

Ion Ratio Lower Upper

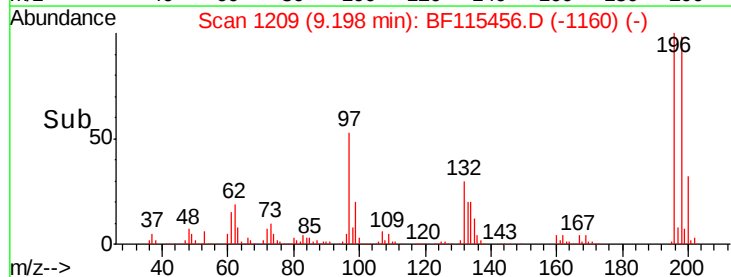
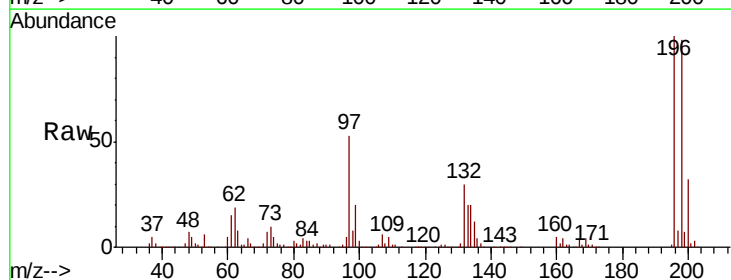
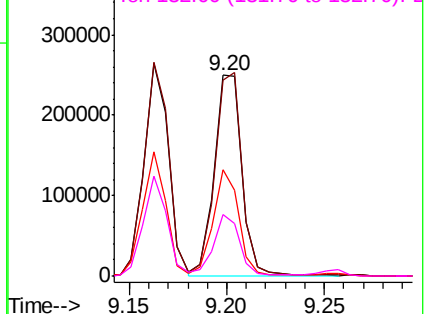
196 100

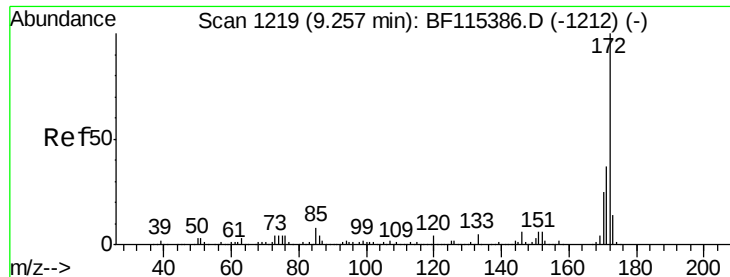
198 97.6 80.6 120.8

97 52.8 34.0 51.0#

132 30.3 21.4 32.2

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

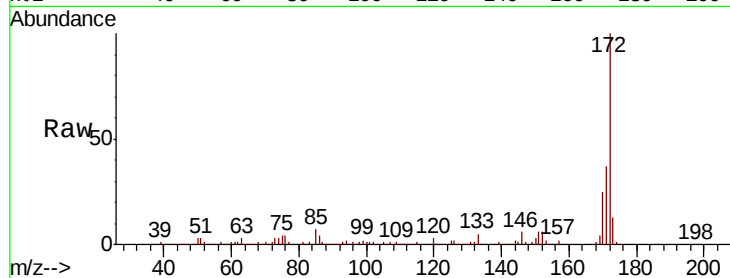




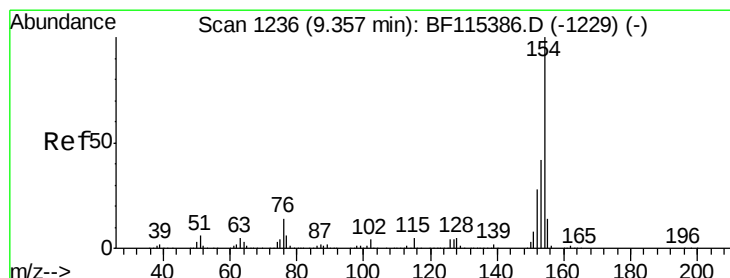
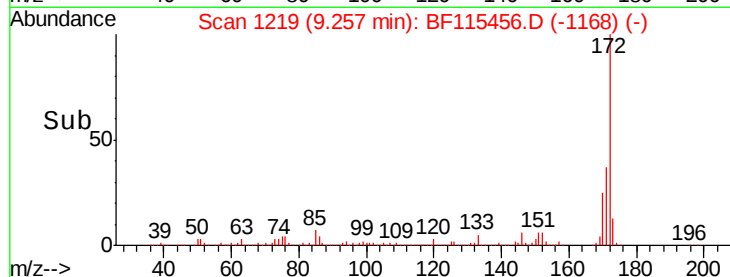
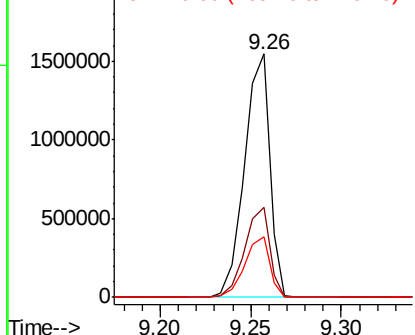
#45
2-Fluorobiphenyl
Concen: 91.415 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:172 Resp: 1500934
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.8
170 24.8 20.0 30.0

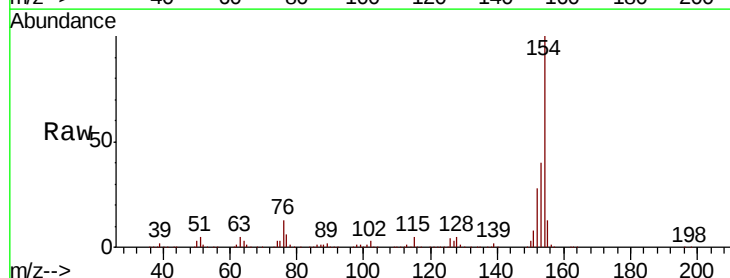


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

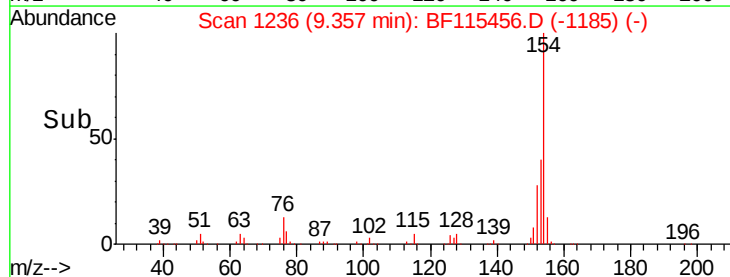
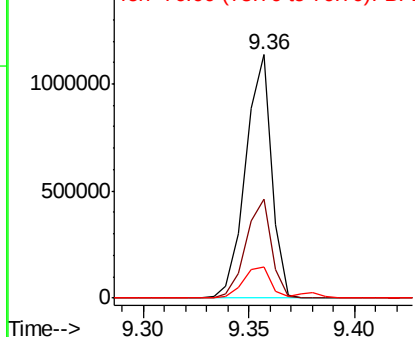


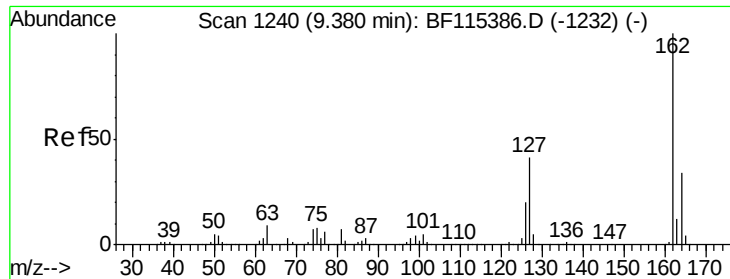
#46
1,1'-Biphenyl
Concen: 42.772 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:154 Resp: 968792
Ion Ratio Lower Upper
154 100
153 40.5 21.5 61.5
76 13.1 0.0 34.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

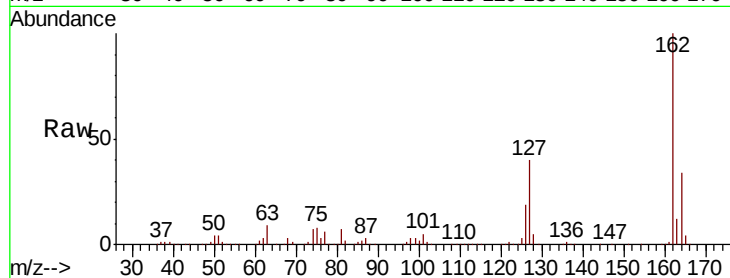




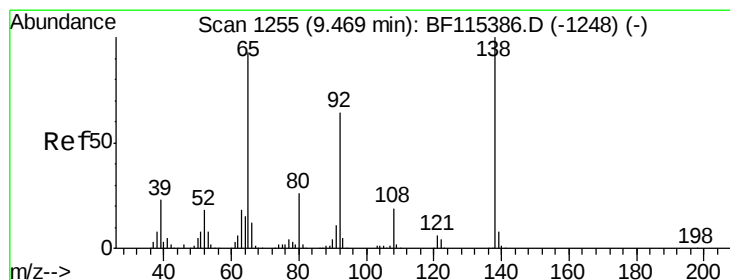
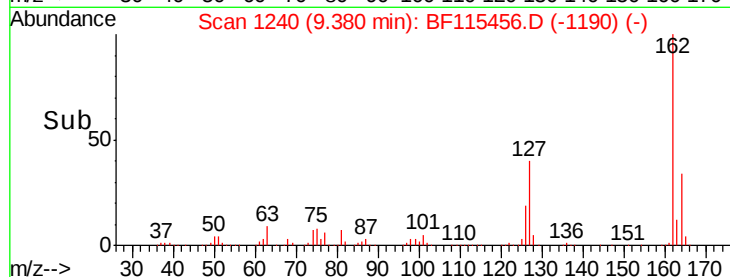
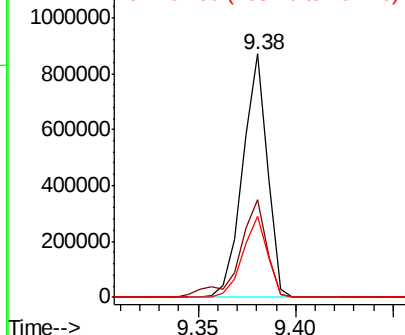
#47
2-Chloronaphthalene
Concen: 40.646 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:162 Resp: 760875
Ion Ratio Lower Upper
162 100
127 40.1 31.4 47.0
164 33.5 27.2 40.8

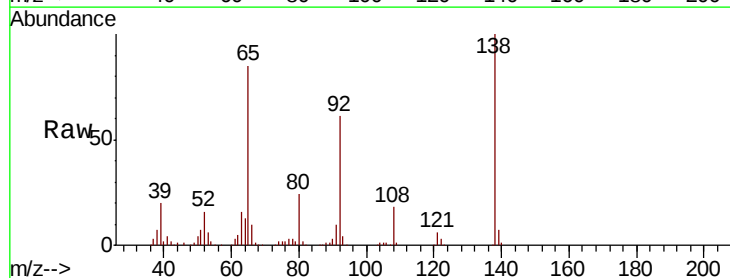


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

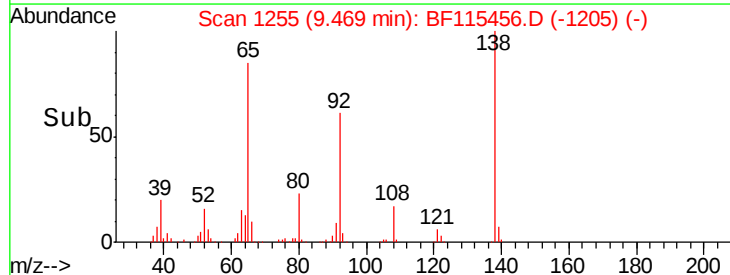
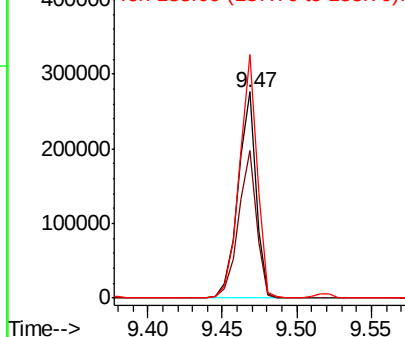


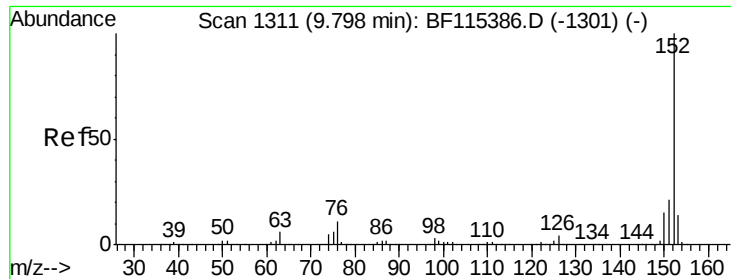
#48
2-Nitroaniline
Concen: 42.821 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion: 65 Resp: 235511
Ion Ratio Lower Upper
65 100
92 71.4 59.0 88.4
138 117.9 98.3 147.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.358 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

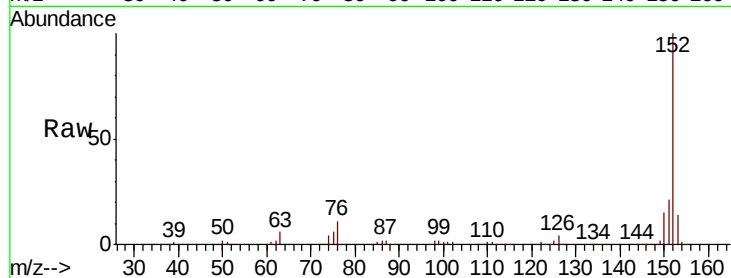
Tot Ion:152 Resp: 1172176

Ion Ratio Lower Upper

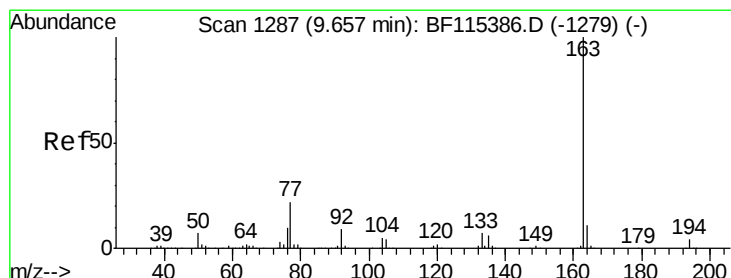
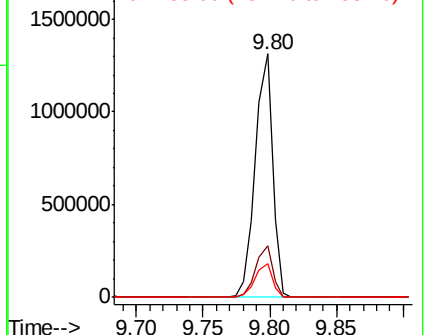
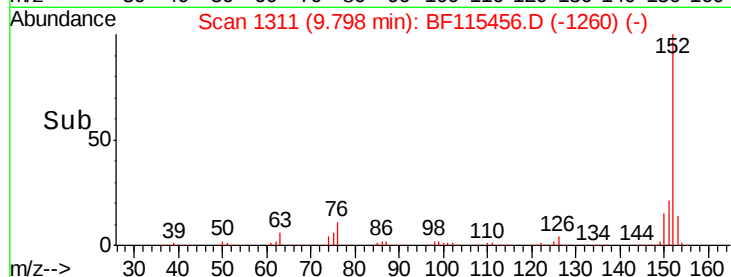
152 100

151 21.1 17.1 25.7

153 13.9 11.8 17.6



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: 45.506 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

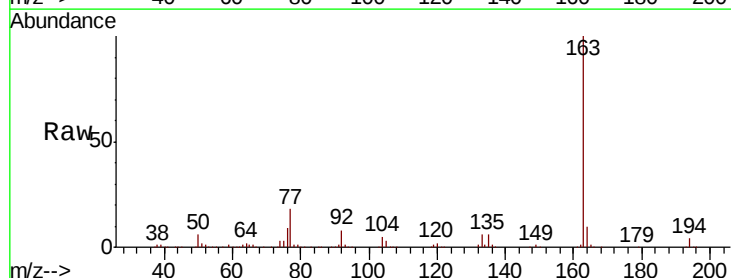
Tgt Ion:163 Resp: 984053

Ion Ratio Lower Upper

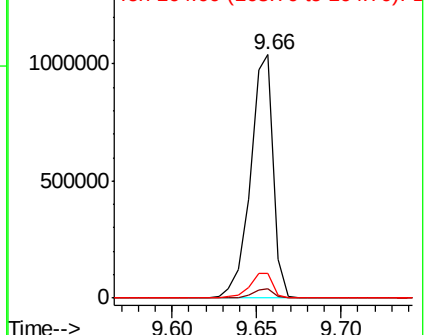
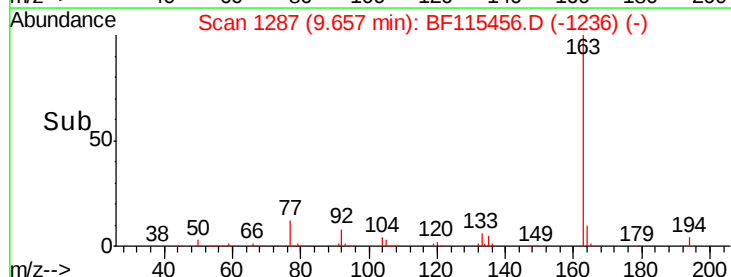
163 100

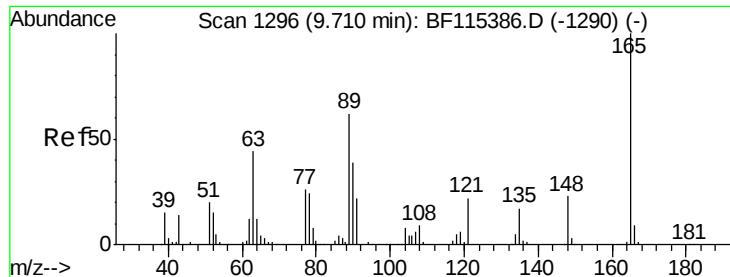
194 4.0 3.1 4.7

164 10.0 8.6 13.0



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

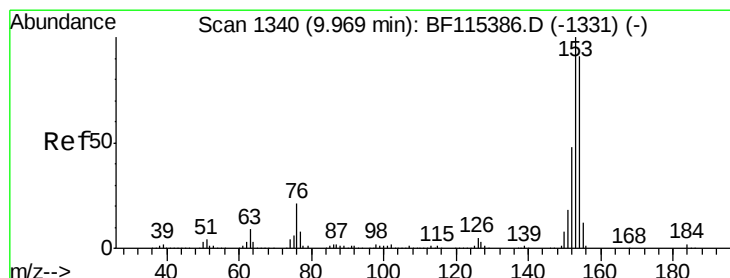
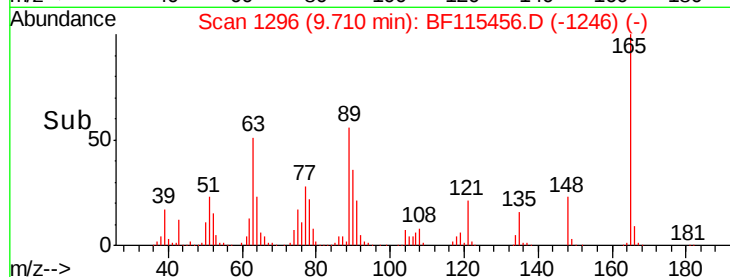
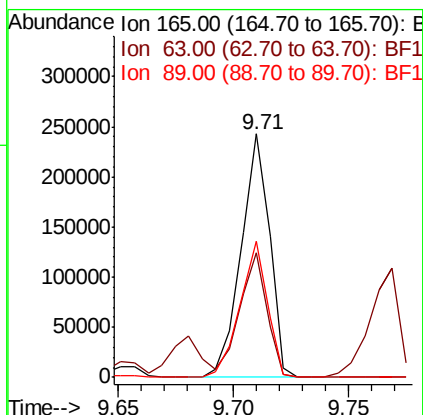
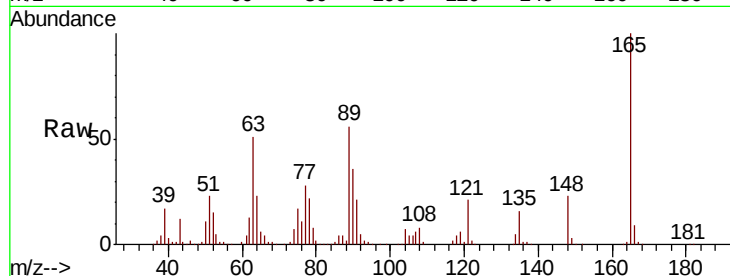




#51
 2,6-Dinitrotoluene
 Concen: 44.731 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

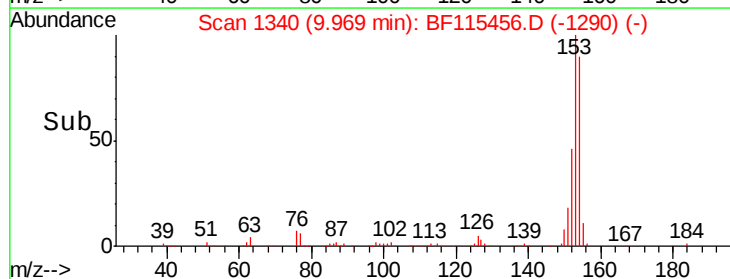
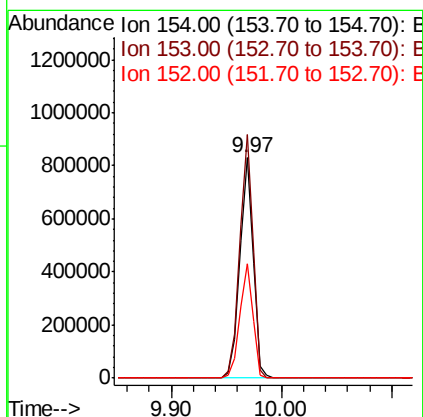
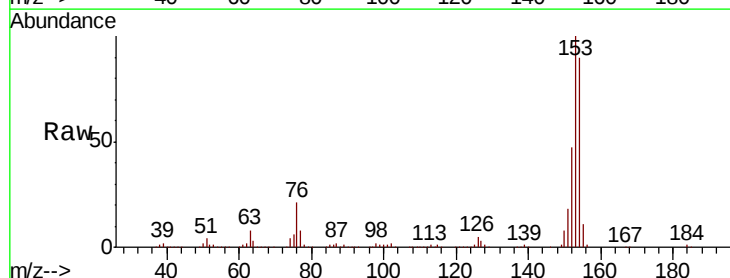
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

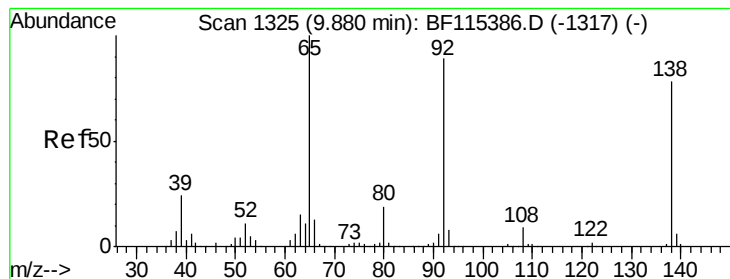
Tot Ion:165 Resp: 209785
 Ion Ratio Lower Upper
 165 100
 63 51.4 39.7 59.5
 89 55.7 42.8 64.2



#52
 Acenaphthene
 Concen: 39.889 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion:154 Resp: 711519
 Ion Ratio Lower Upper
 154 100
 153 110.6 89.8 134.8
 152 51.7 41.4 62.0





#53

3-Nitroaniline

Concen: 30.824 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

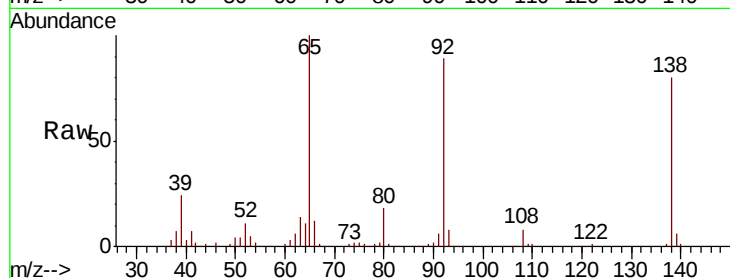
Tot Ion:138 Resp: 167903

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

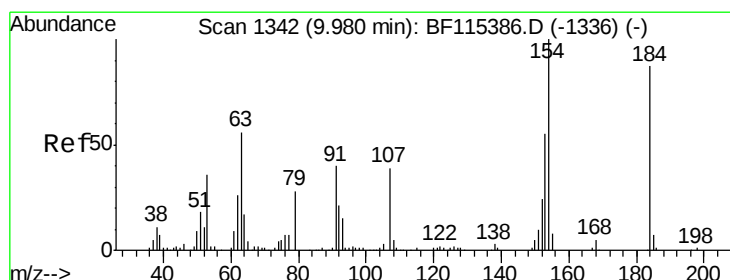
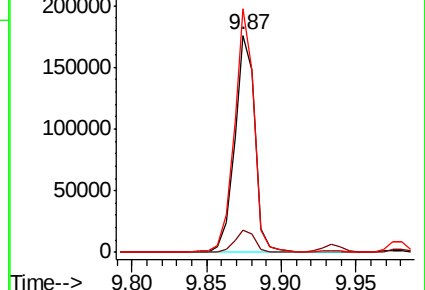
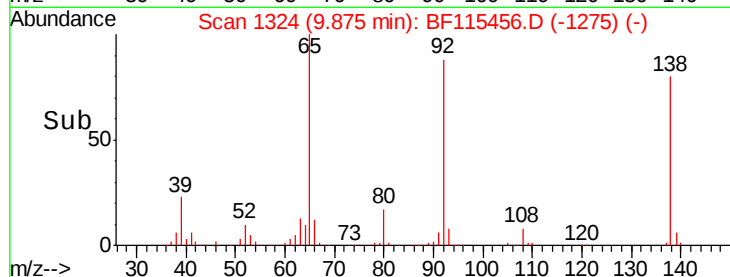
92 112.0 86.1 129.1



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: 23.529 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

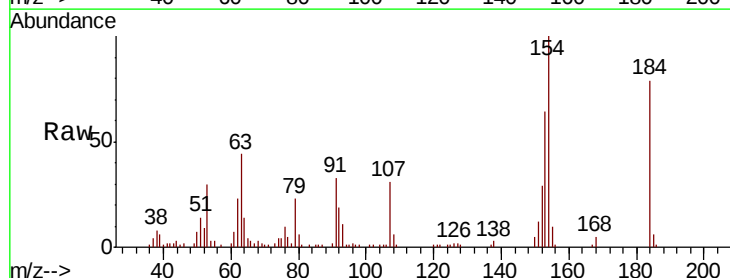
Tgt Ion:184 Resp: 31908

Ion Ratio Lower Upper

184 100

63 56.4 45.8 68.6

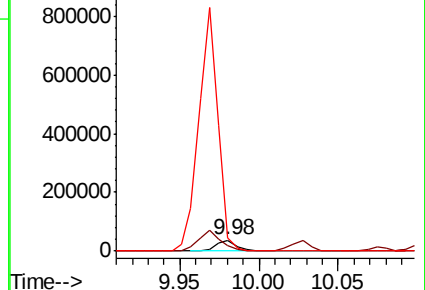
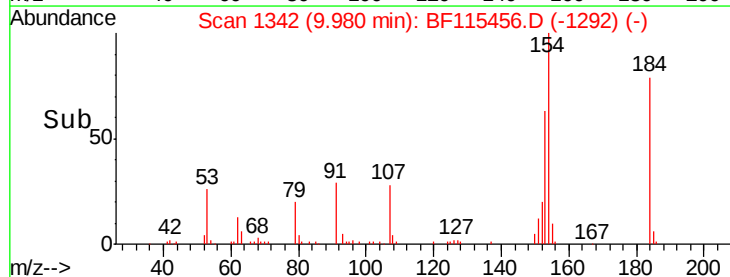
154 127.0 52.8 79.2#

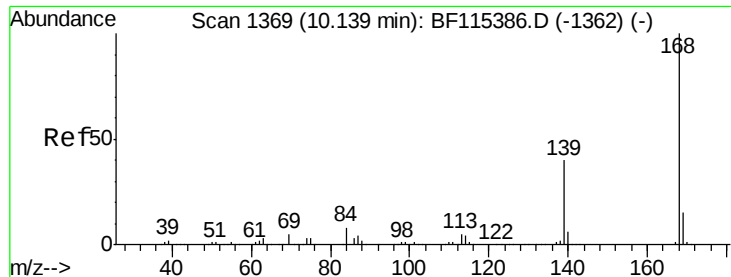


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

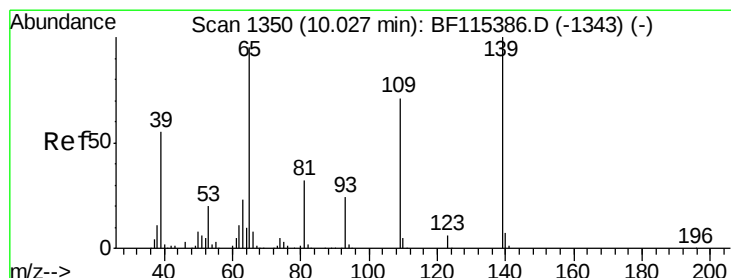
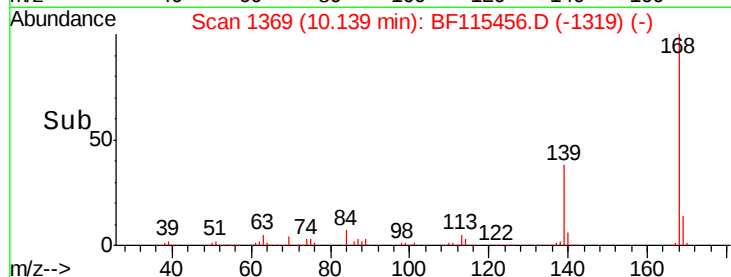
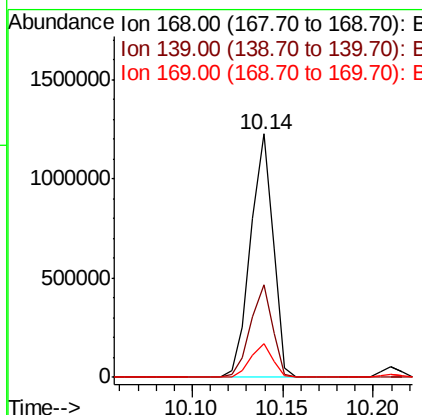
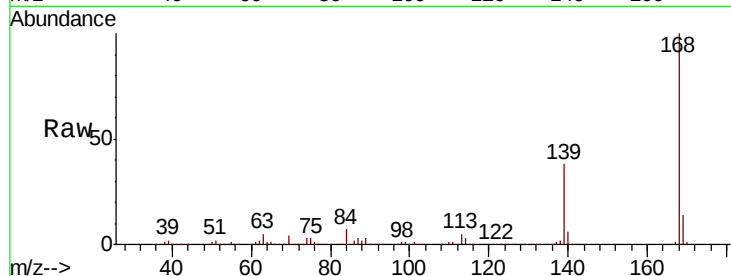




#55
Dibenzenofuran
Concen: 42.510 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

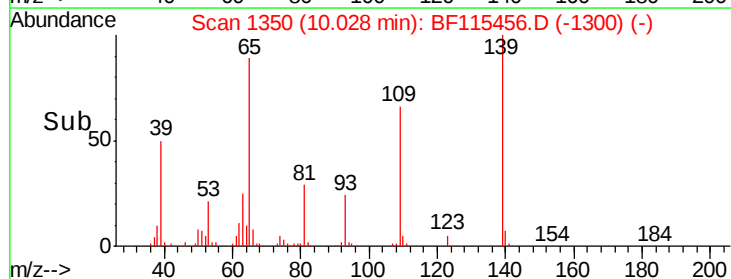
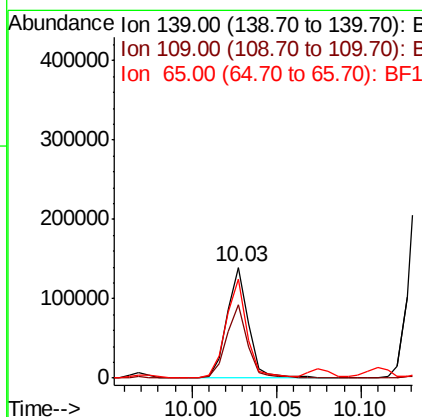
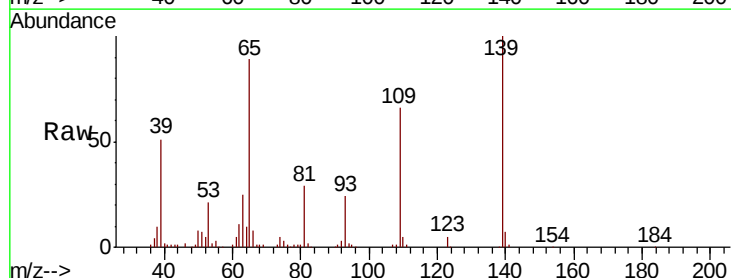
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

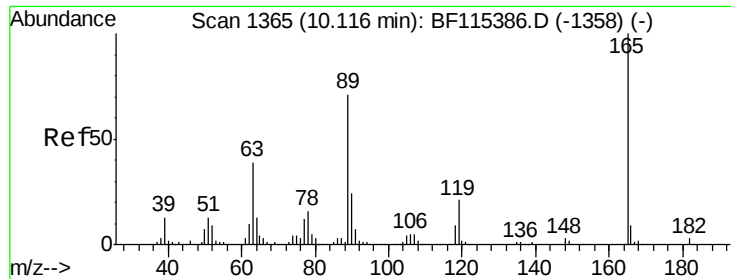
Tot Ion:168 Resp: 1068151
Ion Ratio Lower Upper
168 100
139 38.1 30.6 46.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 29.292 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:139 Resp: 123446
Ion Ratio Lower Upper
139 100
109 66.0 46.4 86.4
65 89.4 73.4 113.4

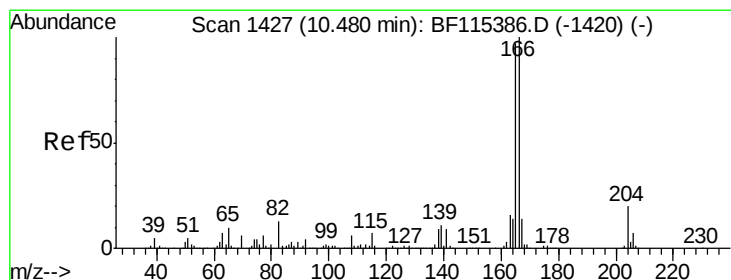
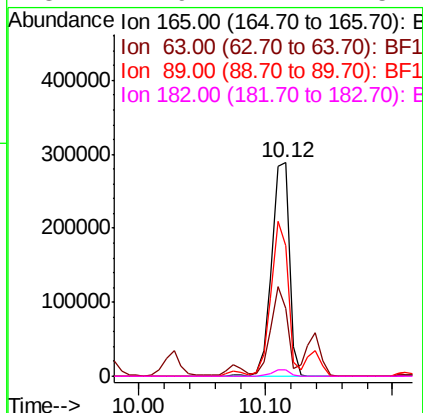
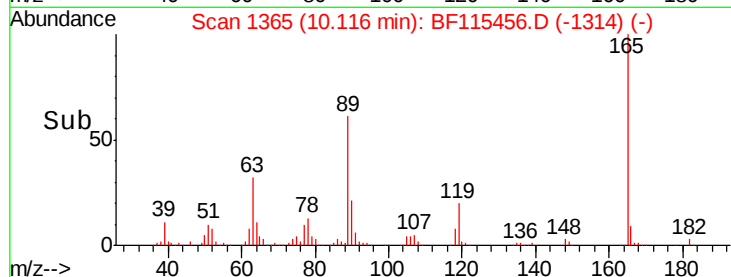
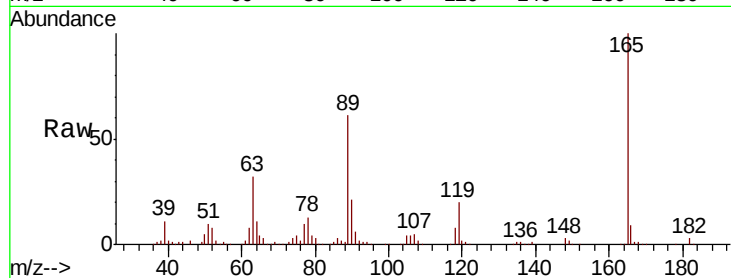




#57
2,4-Dinitrotoluene
Concen: 46.939 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

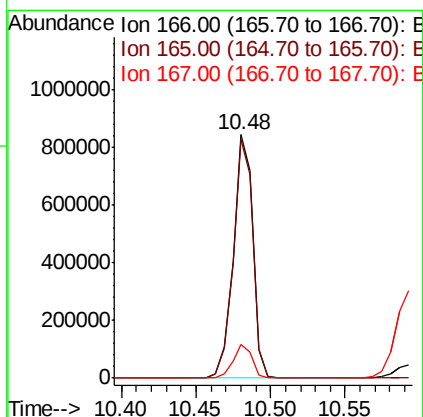
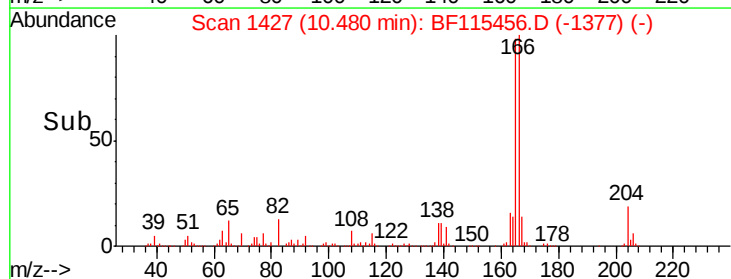
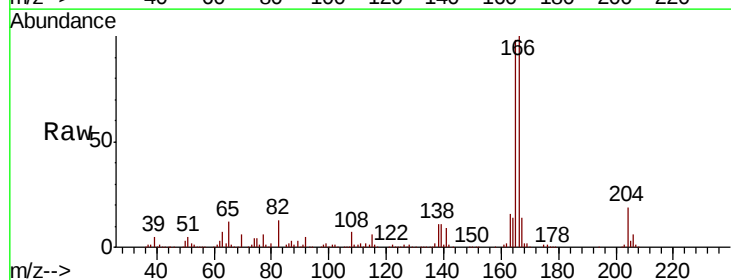
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

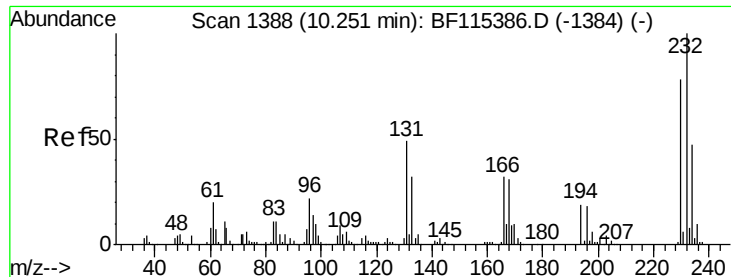
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	31.9	33.0	49.4	
89	60.9	58.5	87.7	
182	2.9	2.1	3.1	



#58
Fluorene
Concen: 39.171 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.1	78.7	118.1	
167	14.0	10.8	16.2	

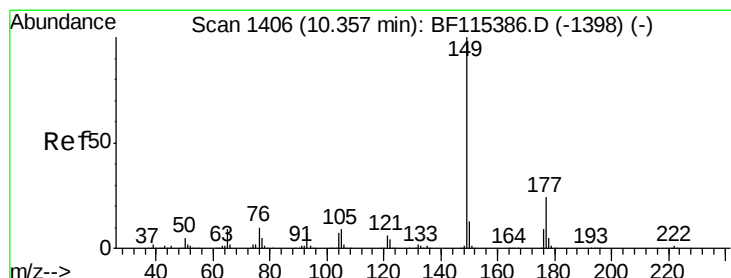
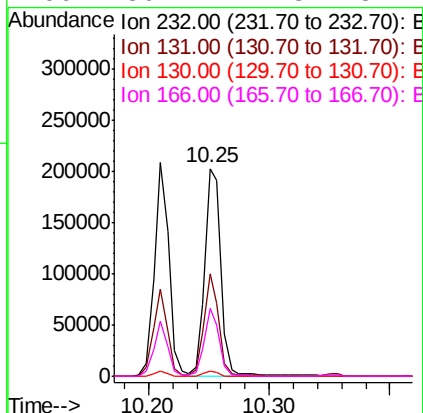
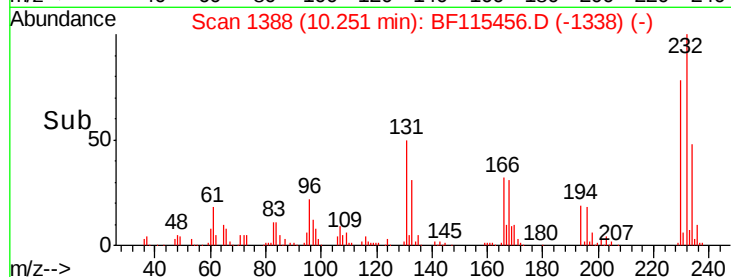
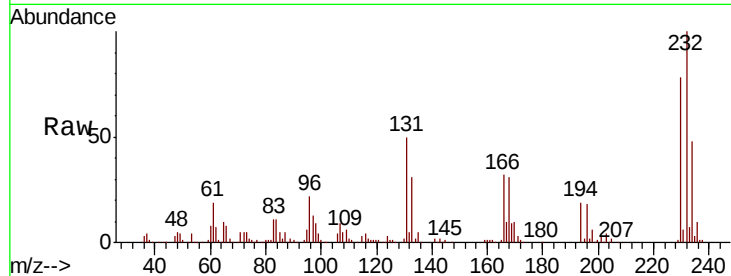




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.885 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

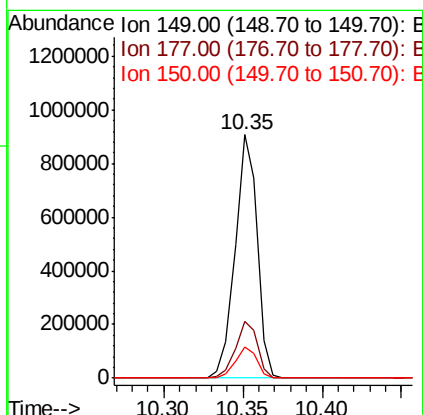
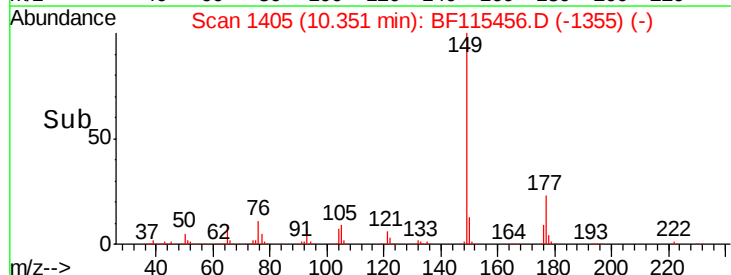
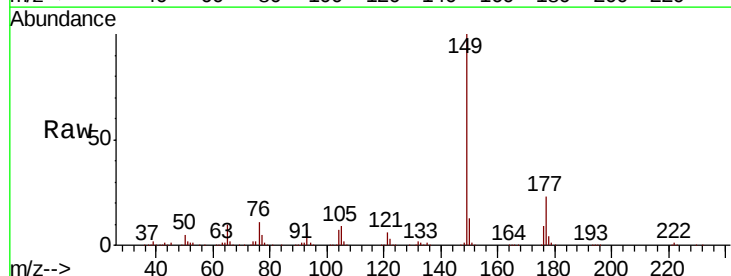
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.4	53.0
130	2.2	1.7	2.5
166	30.2	24.8	37.2



#60
 Diethylphthalate
 Concen: 40.835 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.4
150	13.0	10.4	15.6

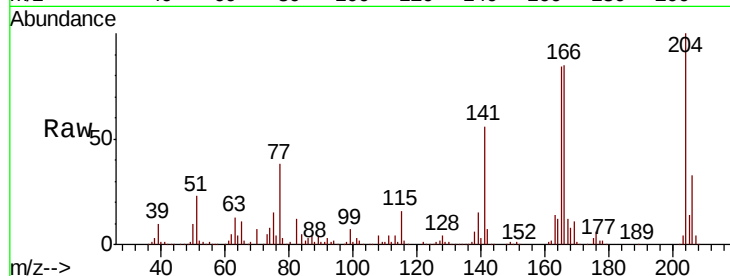




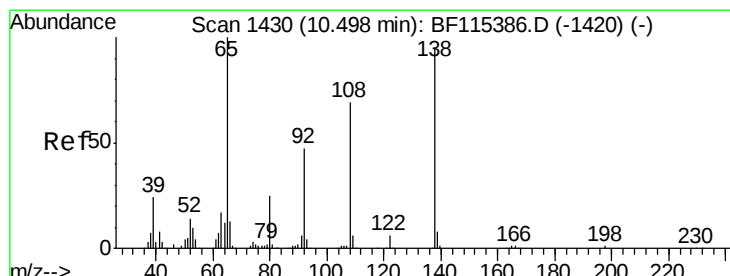
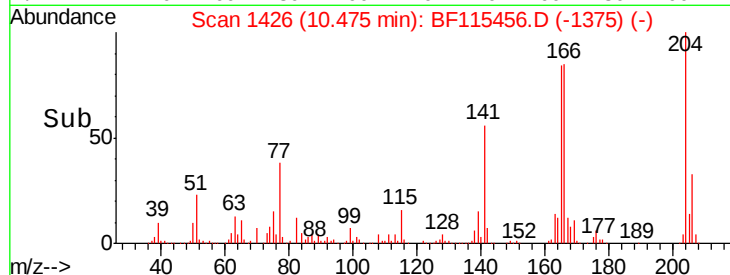
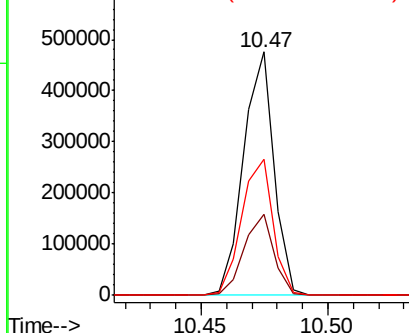
#61
 4-Chlorophenyl-phenylether
 Concen: 41.049 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion:204 Resp: 396847
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.8 40.2
 141 55.9 47.9 71.9

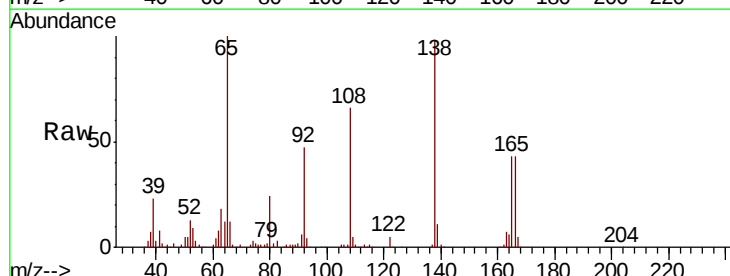


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

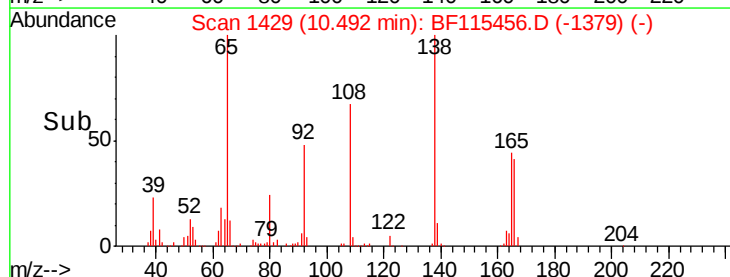
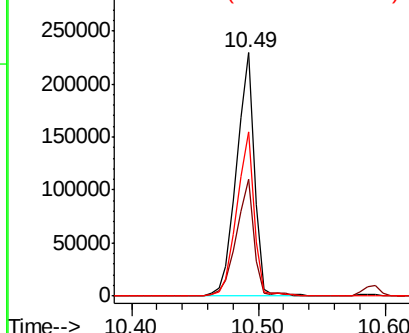


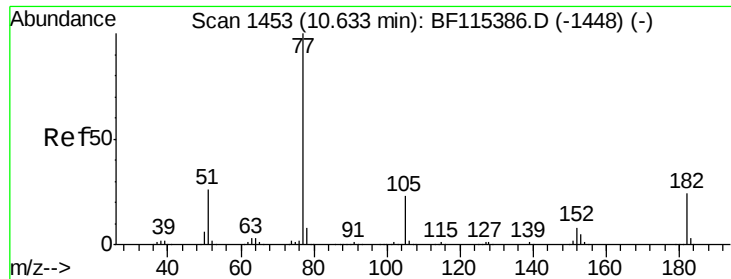
#62
 4-Nitroaniline
 Concen: 41.715 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion:138 Resp: 223039
 Ion Ratio Lower Upper
 138 100
 92 47.9 29.9 69.9
 108 67.5 49.0 89.0



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





#63

Azobenzene

Concen: 39.283 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 77 Resp: 861905

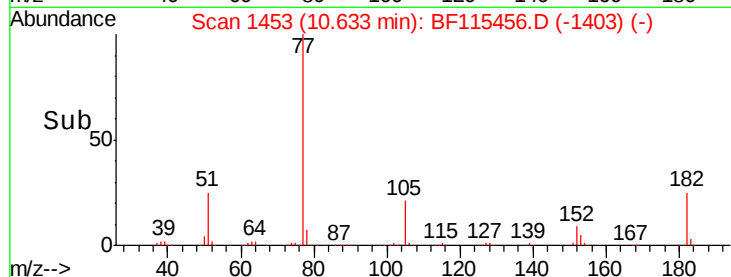
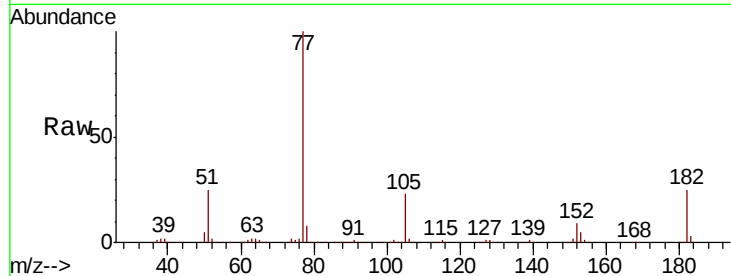
Ion Ratio Lower Upper

77 100

182 25.1 7.7 47.7

105 22.5 3.6 43.6

51 25.3 4.8 44.8

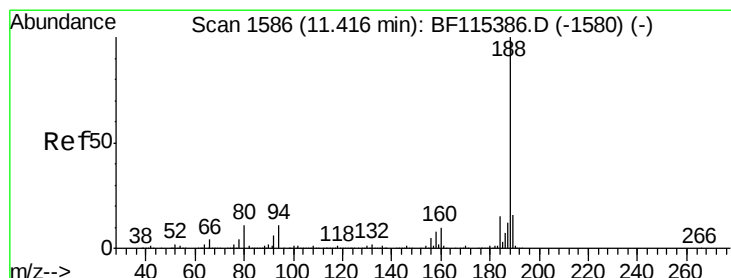
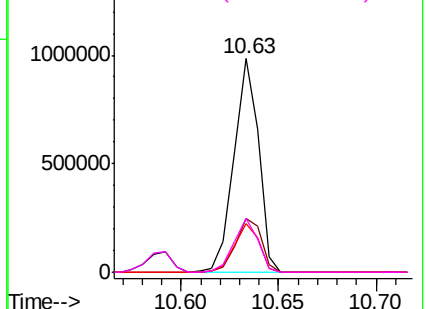


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

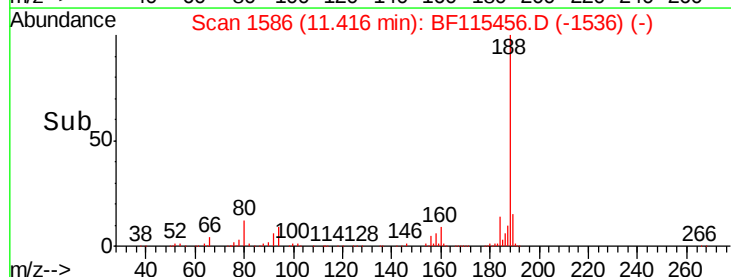
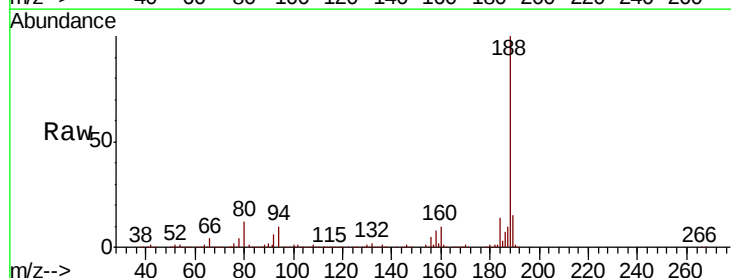
Tgt Ion: 188 Resp: 578604

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.8

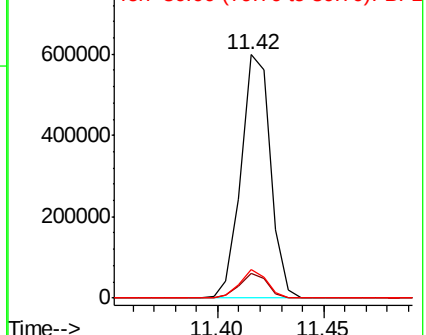
80 11.7 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 27.097 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

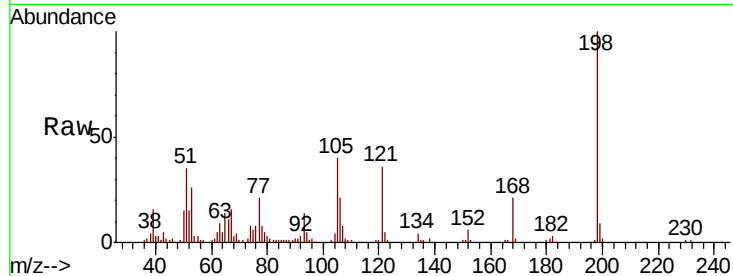
Tot Ion:198 Resp: 63803

Ion Ratio Lower Upper

198 100

51 35.0 20.7 60.7

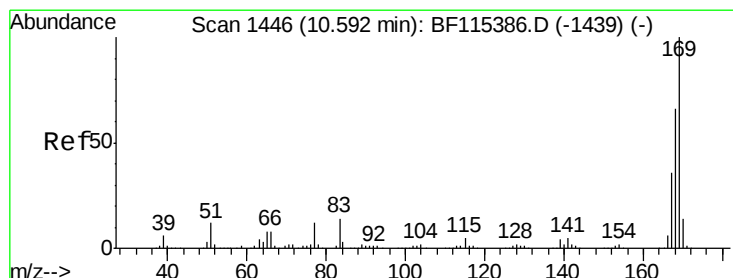
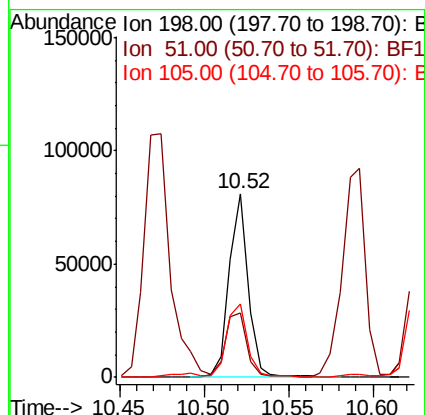
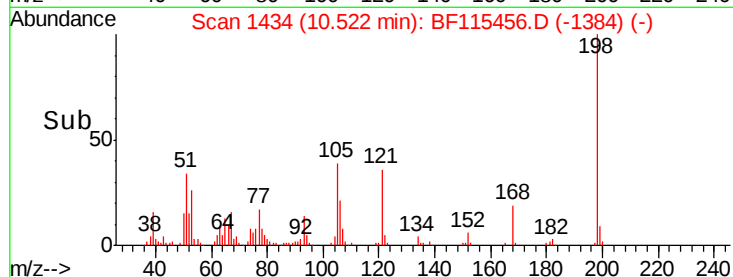
105 39.7 25.3 65.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.806 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

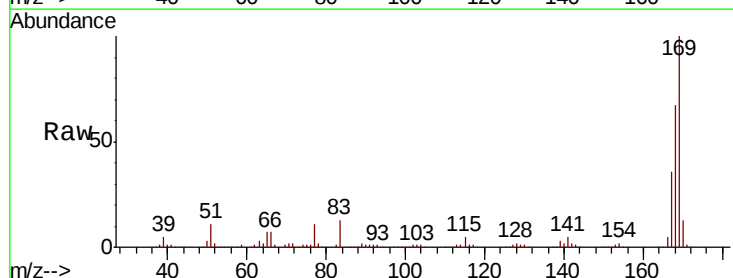
Tgt Ion:169 Resp: 743919

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

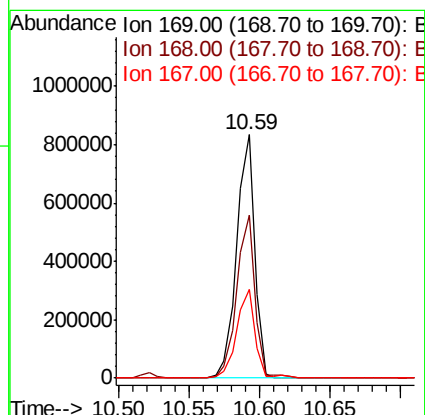
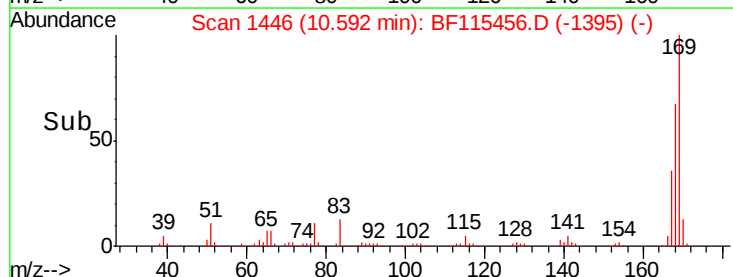
167 36.4 29.4 44.2

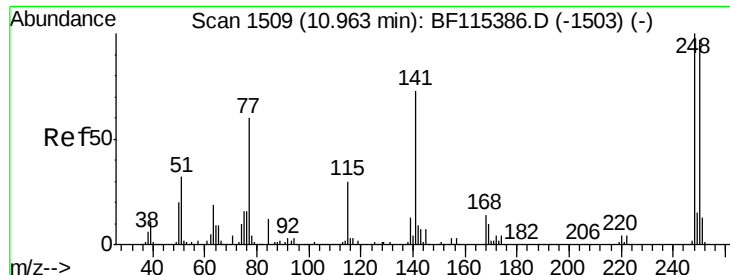


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

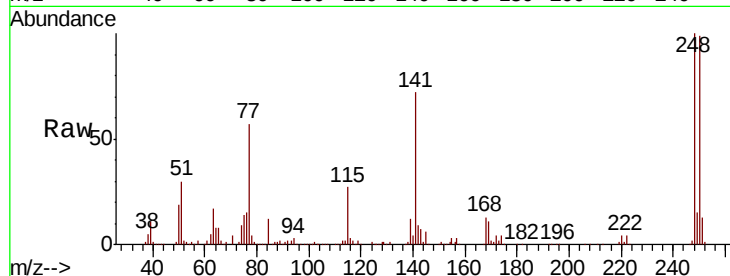




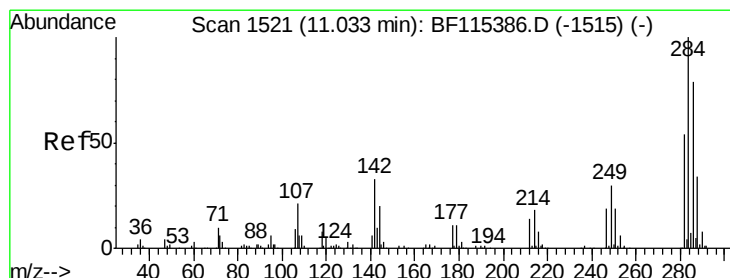
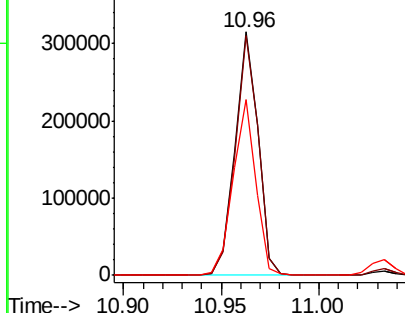
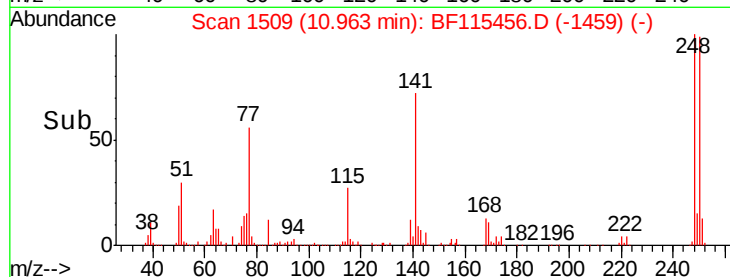
#67
4-Bromophenyl-phenylether
Concen: 39.712 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:248 Resp: 257827
Ion Ratio Lower Upper
248 100
250 98.7 78.3 117.5
141 72.4 52.2 78.2

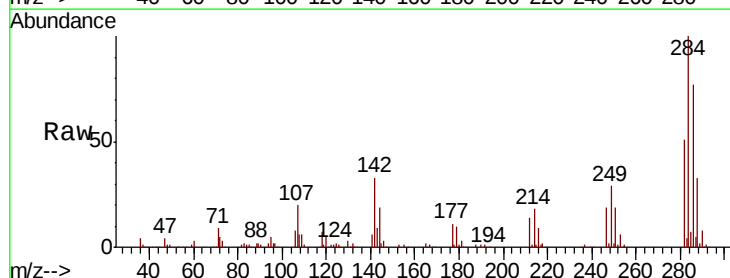


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

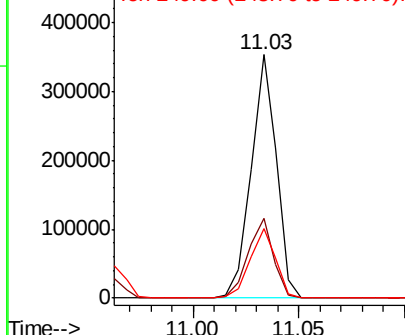
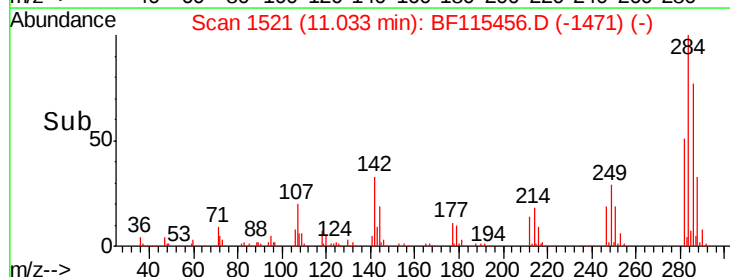


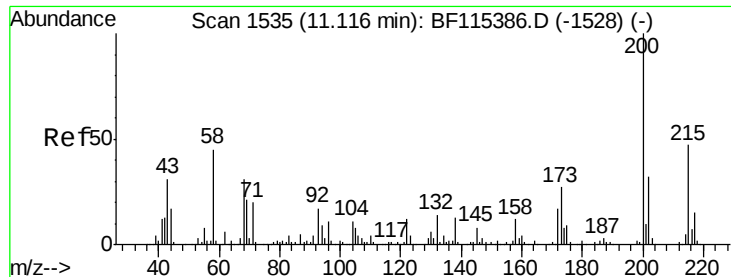
#68
Hexachlorobenzene
Concen: 40.394 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:284 Resp: 294280
Ion Ratio Lower Upper
284 100
142 32.8 23.9 35.9
249 28.8 23.6 35.4



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

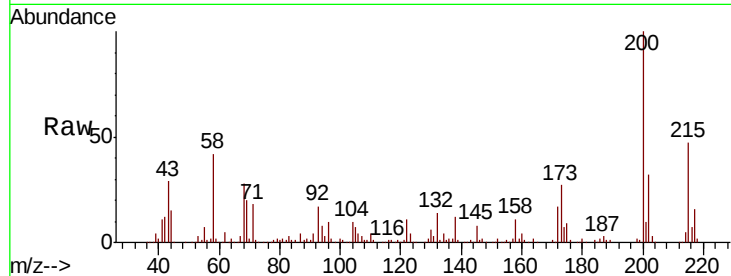




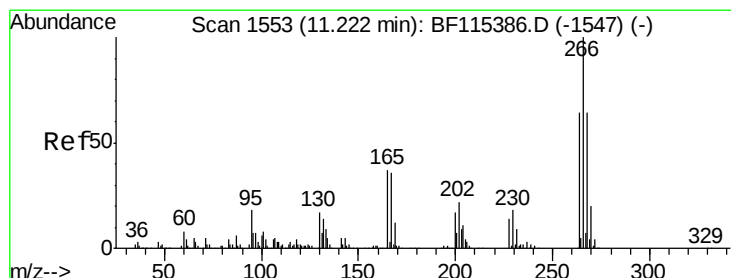
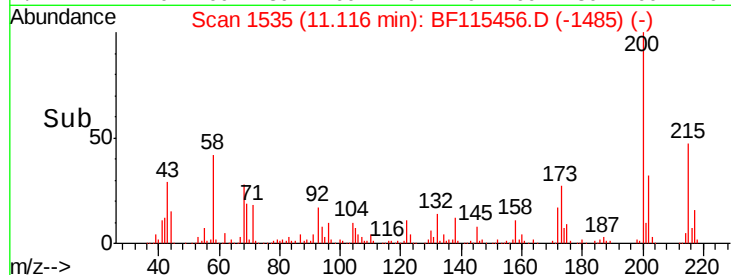
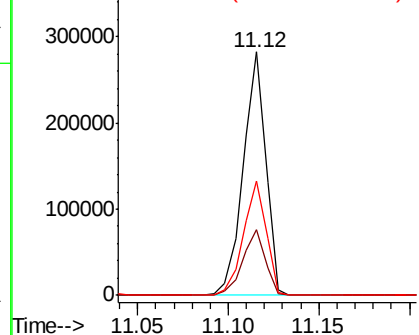
#69
Atrazine
Concen: 43.161 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:200 Resp: 243514
Ion Ratio Lower Upper
200 100
173 27.0 7.0 47.0
215 47.1 27.8 67.8

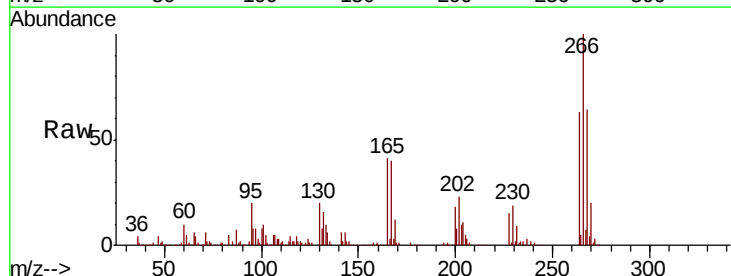


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

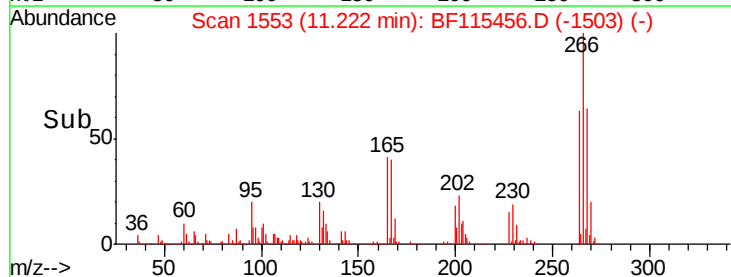
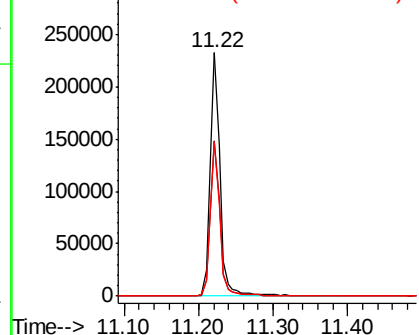


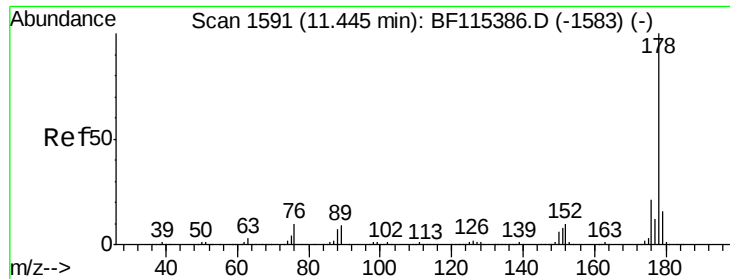
#70
Pentachlorophenol
Concen: 48.770 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:266 Resp: 216530
Ion Ratio Lower Upper
266 100
268 63.8 51.2 76.8
264 63.5 50.6 75.8



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

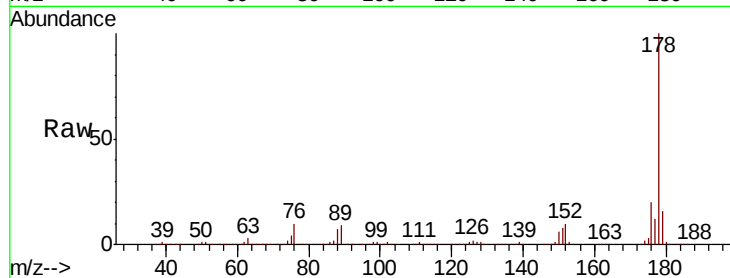




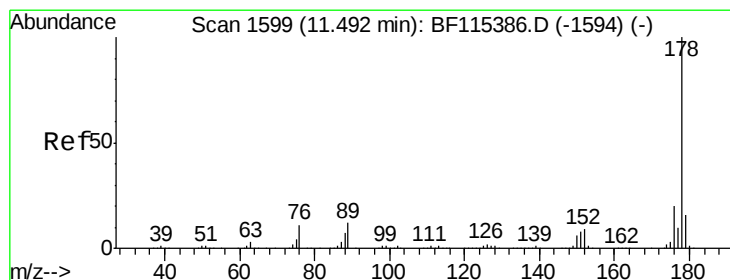
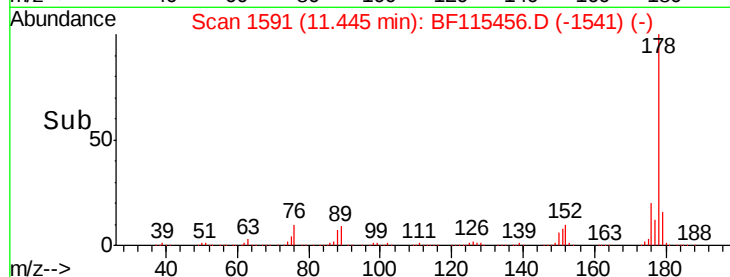
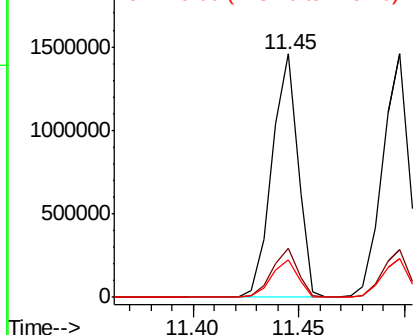
#71
Phenanthrene
Concen: 41.164 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:178 Resp: 1252640
Ion Ratio Lower Upper
178 100
176 20.2 16.6 24.8
179 15.6 12.7 19.1

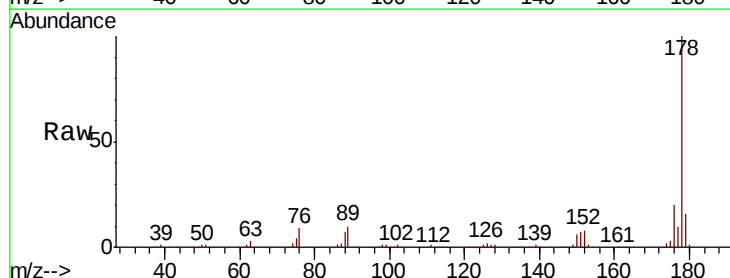


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

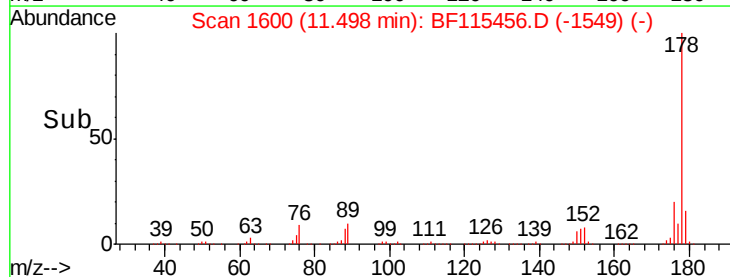
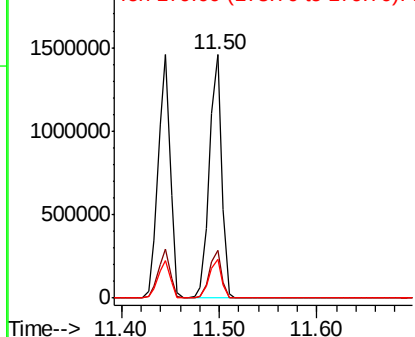


#72
Anthracene
Concen: 42.117 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:178 Resp: 1285175
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

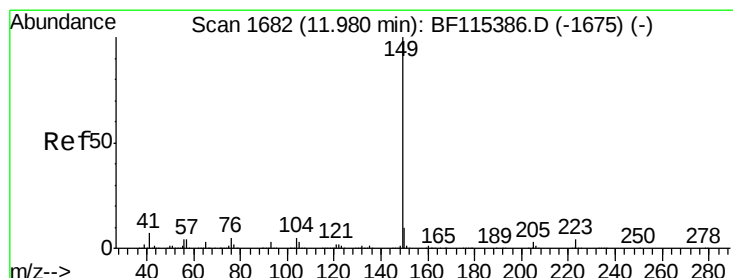
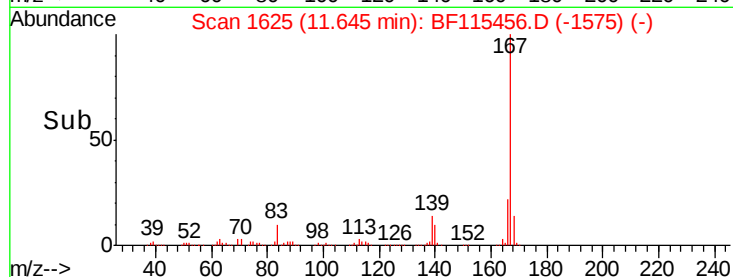
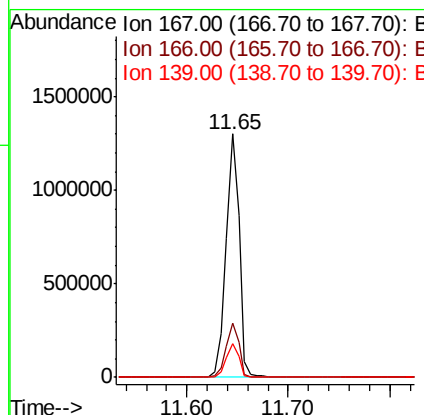
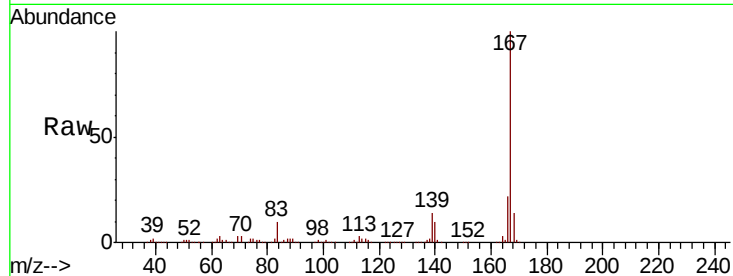




#73
 Carbazole
 Concen: 41.886 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

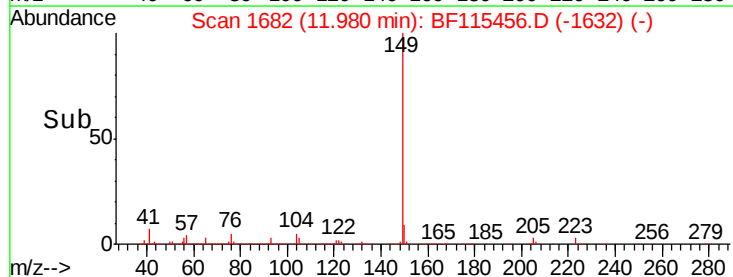
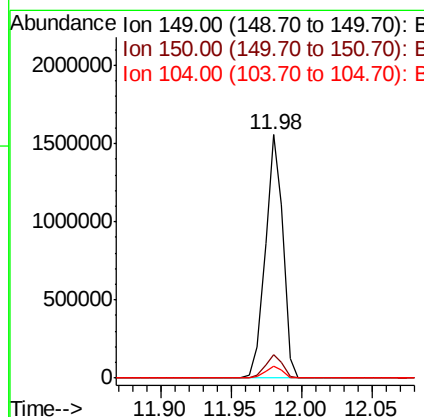
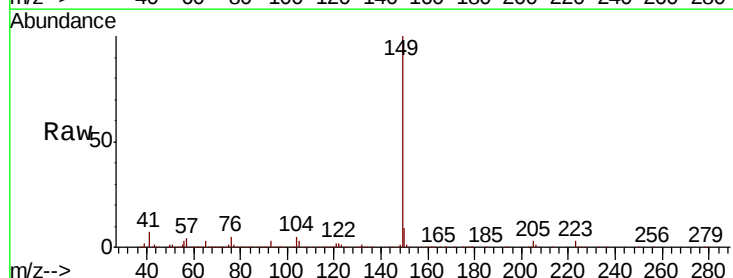
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MSD

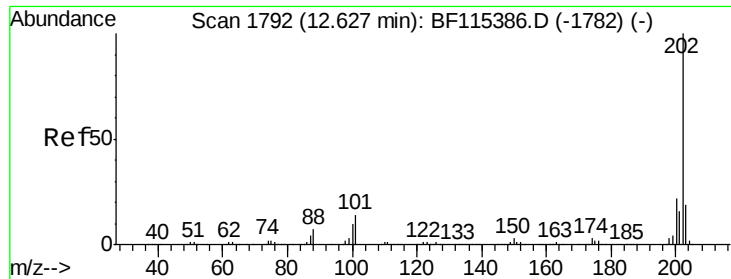
Tot Ion:167 Resp: 1169309
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 14.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.701 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115456.D
 Acq: 10 Jul 2019 15:36

Tgt Ion:149 Resp: 1373184
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.1 3.9 5.9

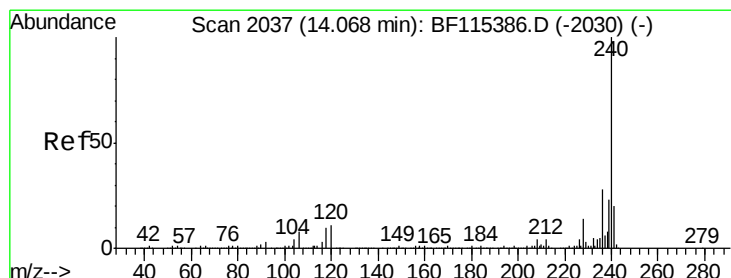
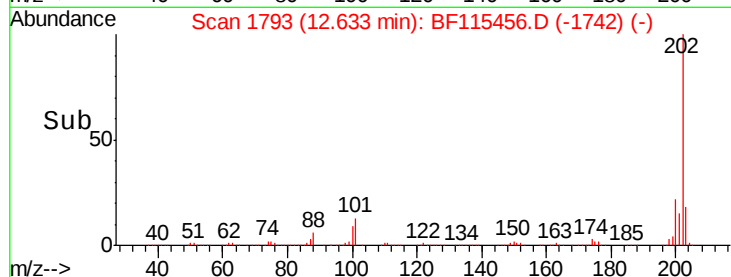
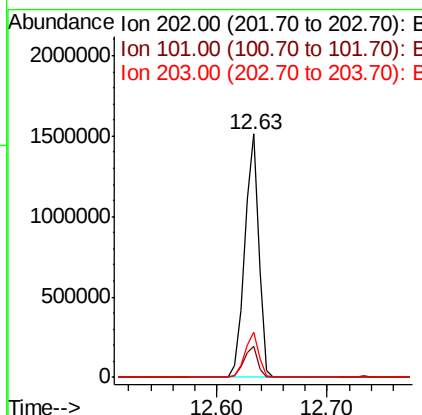
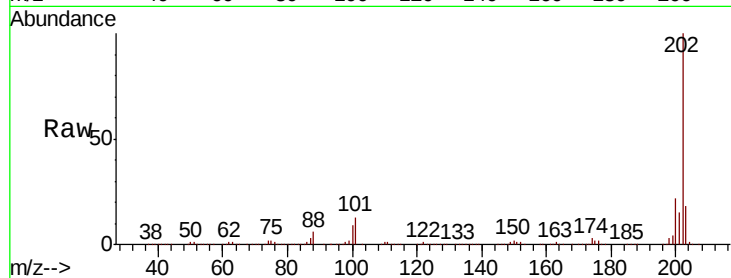




#75
Fluoranthene
Concen: 42.263 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

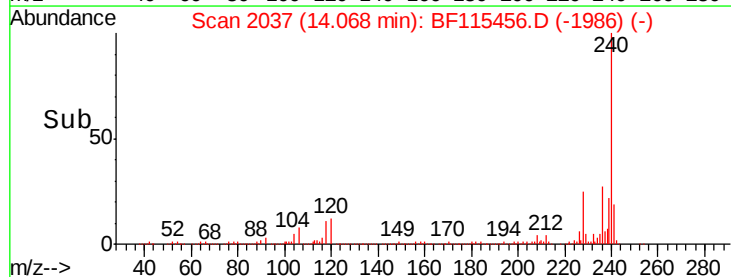
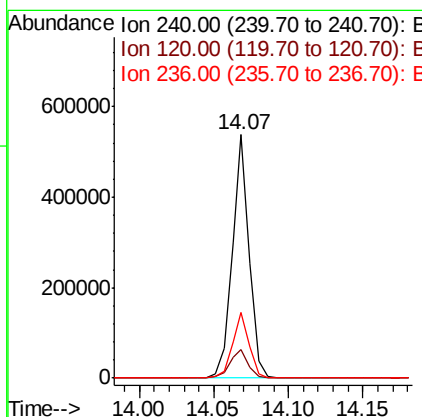
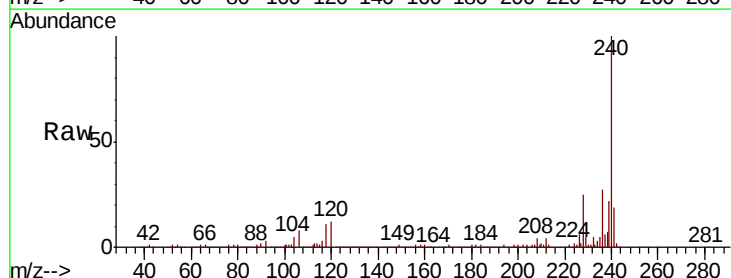
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

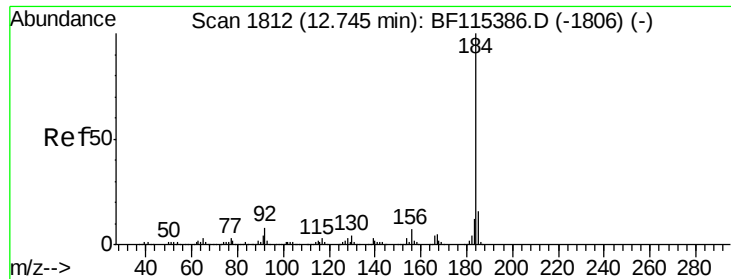
Tot Ion:202 Resp: 1354117
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.9
203 18.4 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:240 Resp: 428826
Ion Ratio Lower Upper
240 100
120 11.6 10.2 15.4
236 27.0 21.1 31.7





#77

Benzidine

Concen: 25.172 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

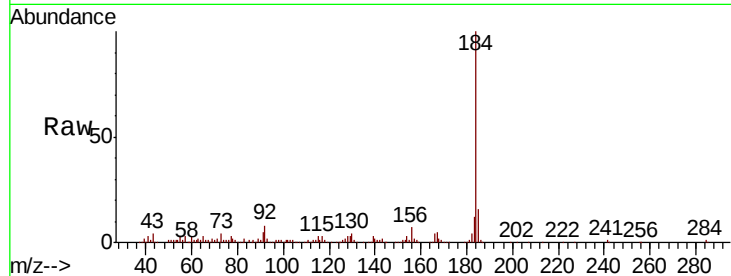
Tot Ion:184 Resp: 420934

Ion Ratio Lower Upper

184 100

185 15.7 13.0 19.6

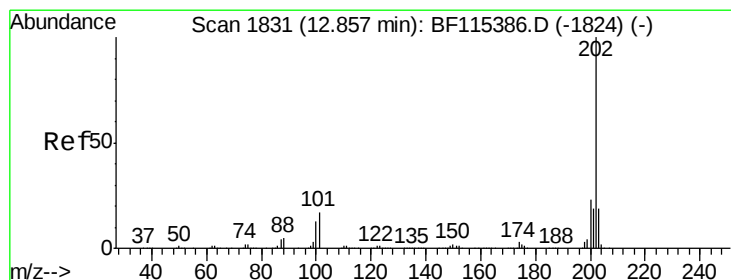
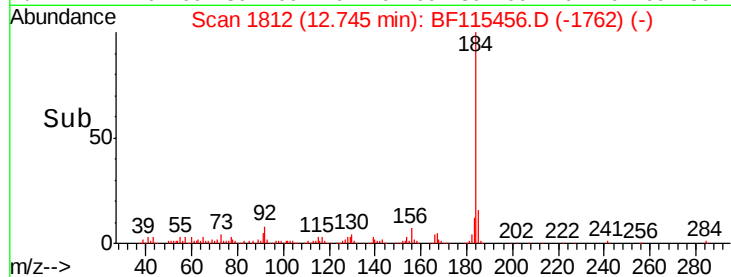
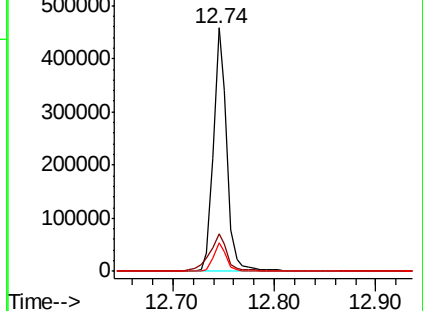
183 11.7 9.7 14.5



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: 41.143 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

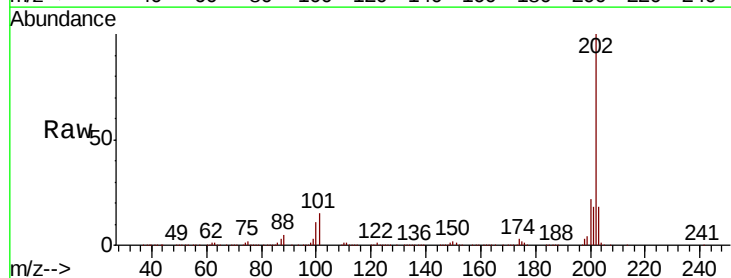
Tgt Ion:202 Resp: 1372014

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

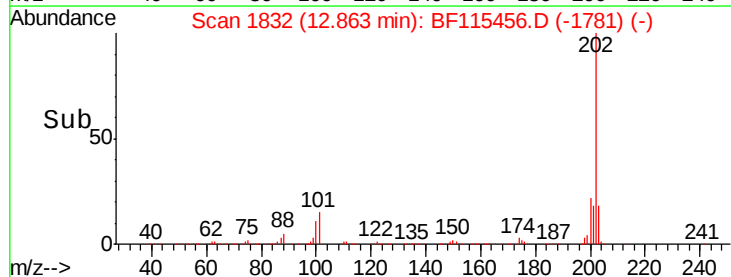
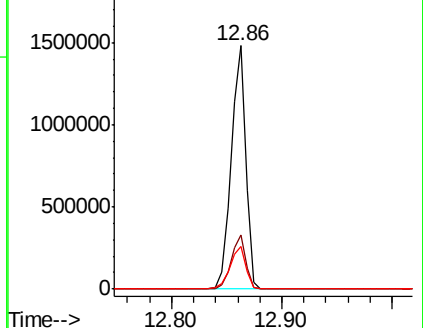
203 17.7 14.7 22.1

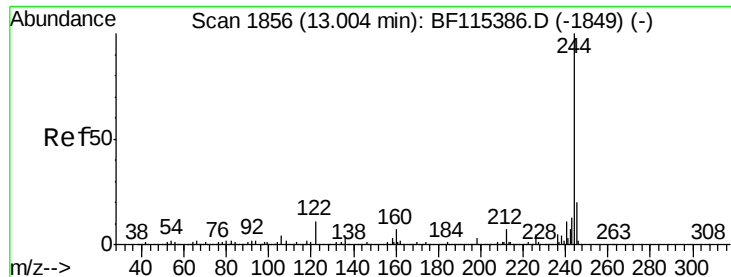


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.833 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

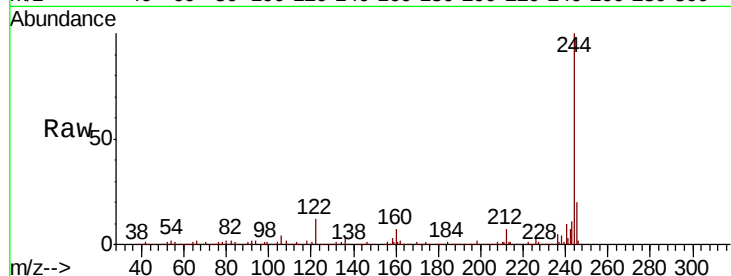
Tot Ion:244 Resp: 1692950

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

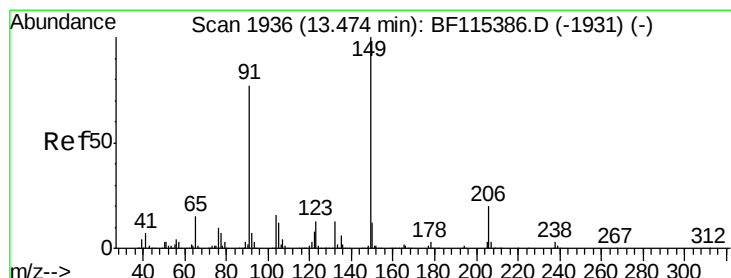
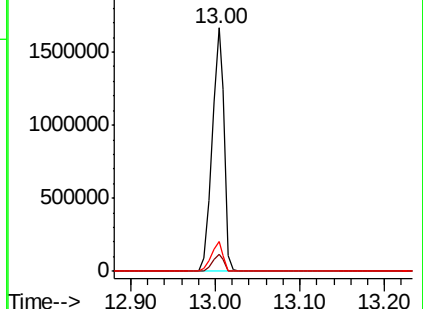
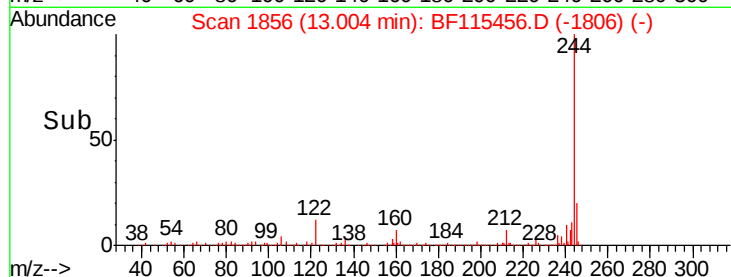
122 12.0 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.954 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

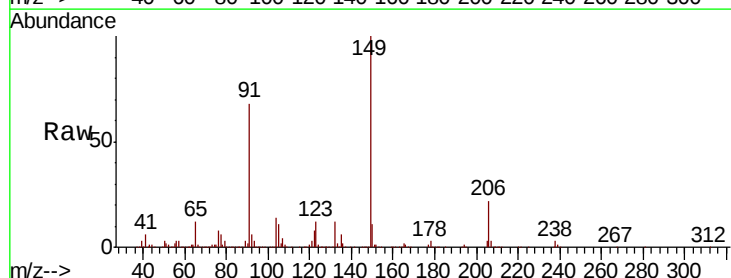
Tgt Ion:149 Resp: 596714

Ion Ratio Lower Upper

149 100

91 67.8 57.8 86.6

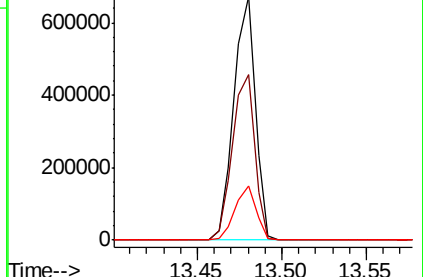
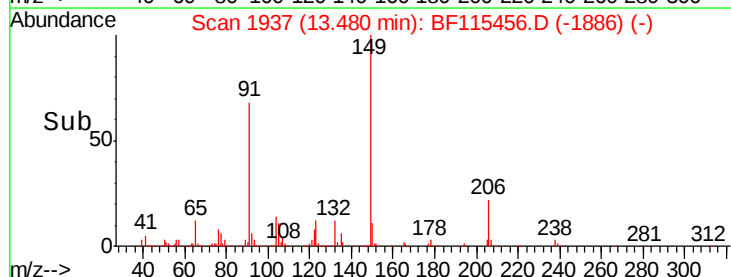
206 22.4 16.9 25.3

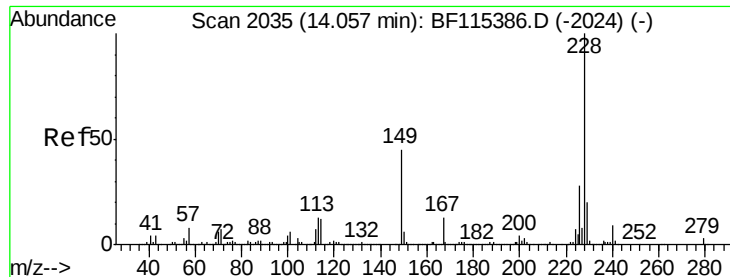


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.689 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

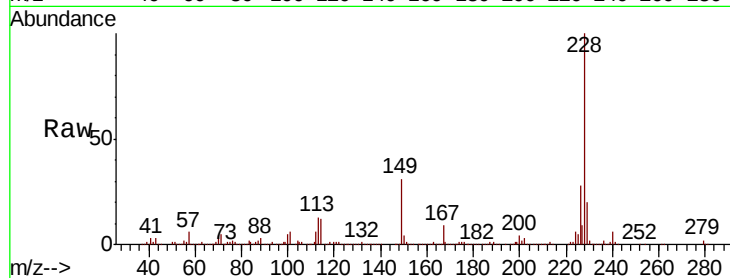
Tot Ion:228 Resp: 1117981

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

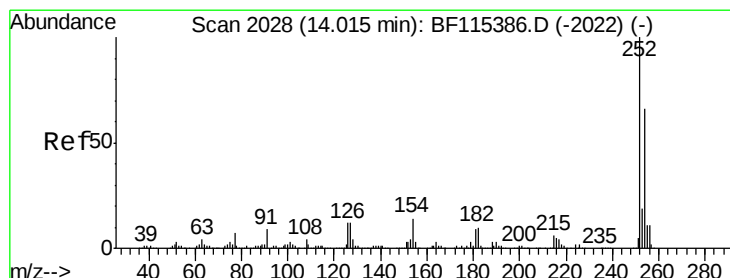
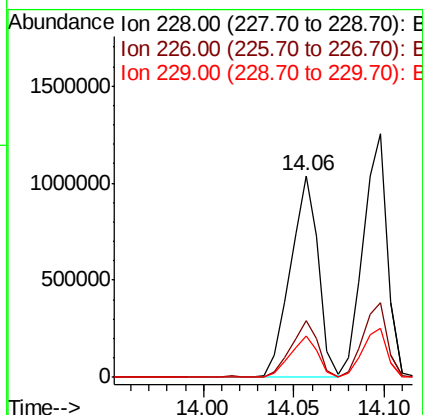
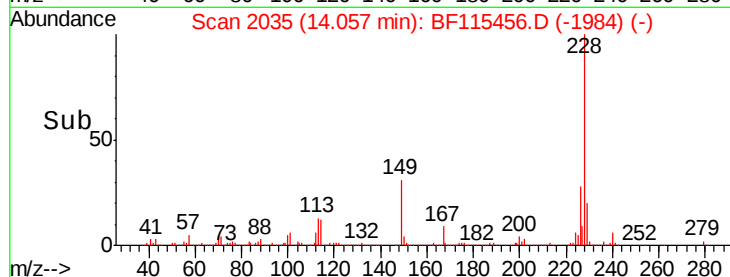
229 20.3 16.4 24.6



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: 32.796 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

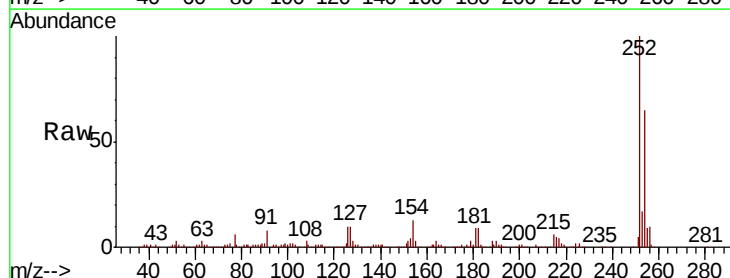
Tgt Ion:252 Resp: 326977

Ion Ratio Lower Upper

252 100

254 64.7 52.9 79.3

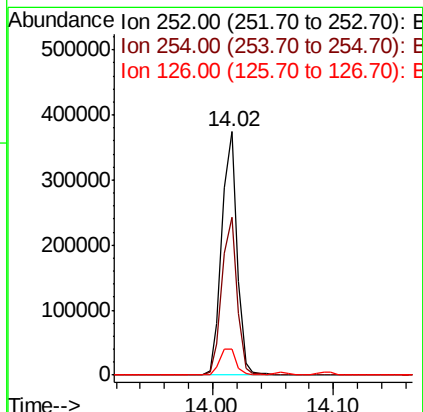
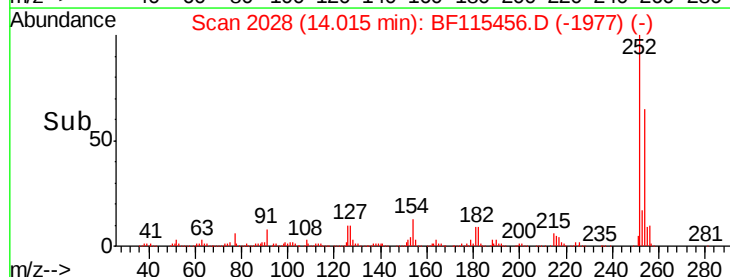
126 10.5 10.0 15.0

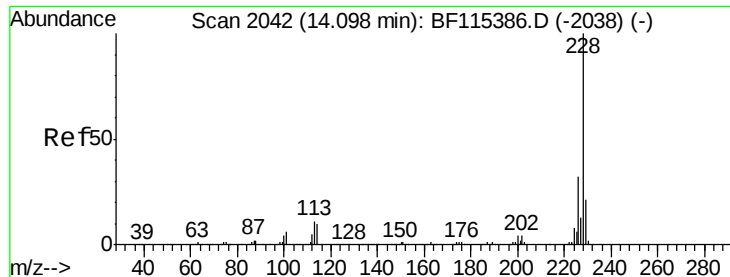


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.440 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

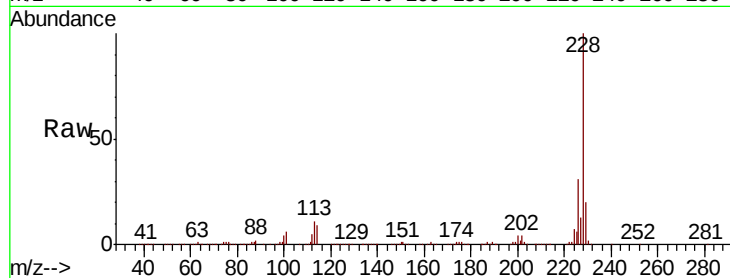
Tot Ion:228 Resp: 1169911

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

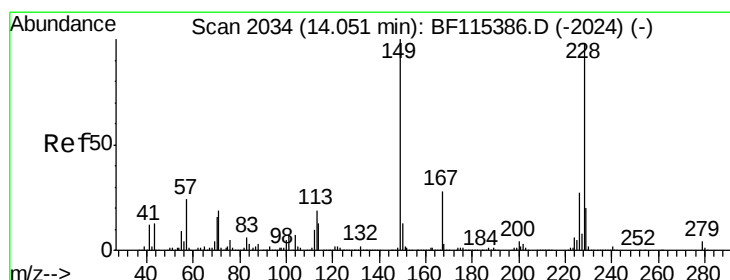
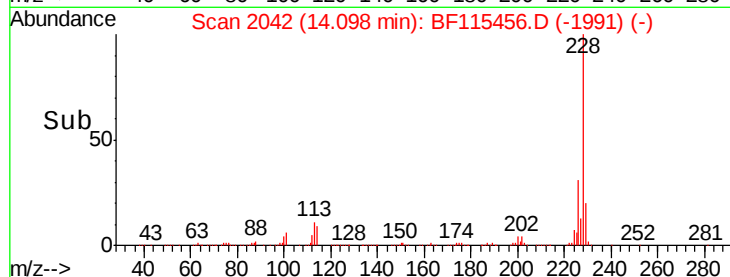
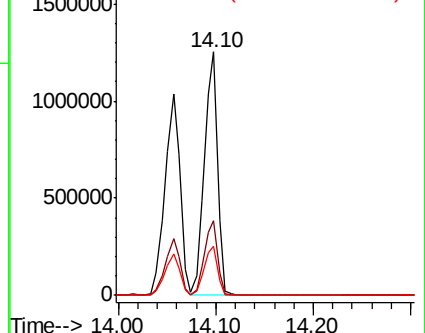
229 20.0 16.1 24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.352 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

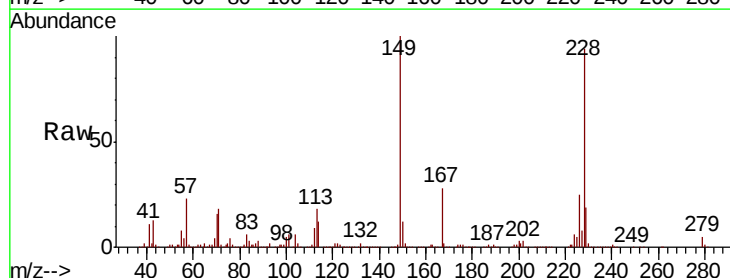
Tgt Ion:149 Resp: 728109

Ion Ratio Lower Upper

149 100

167 27.9 22.6 34.0

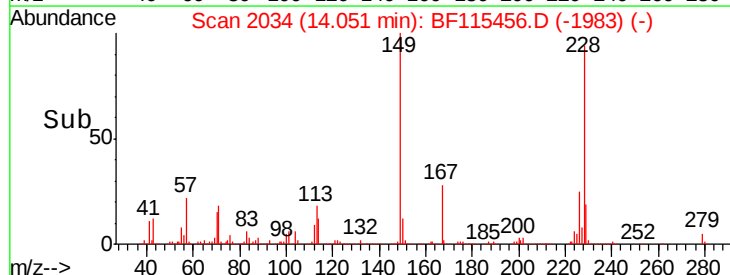
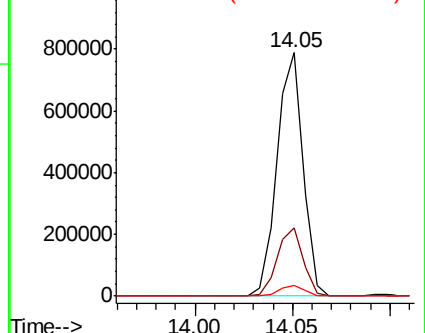
279 4.6 3.8 5.6

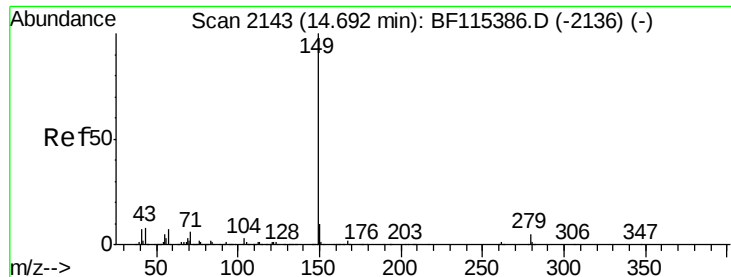


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.930 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

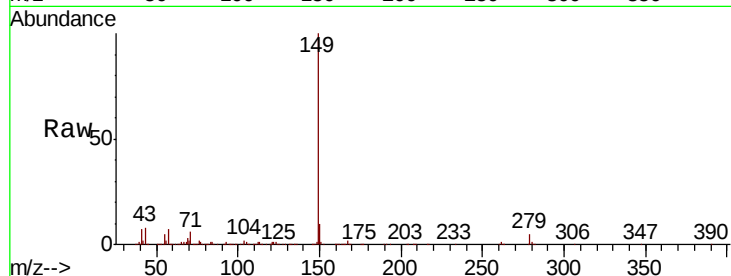
Tot Ion:149 Resp: 1250506

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

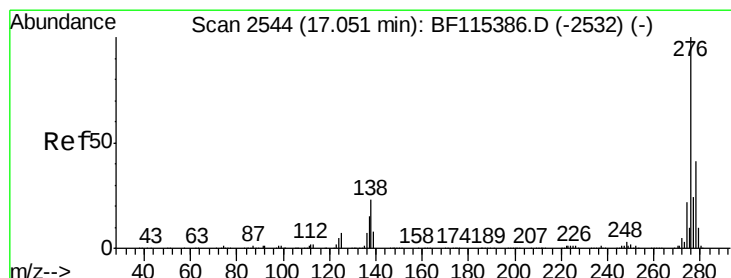
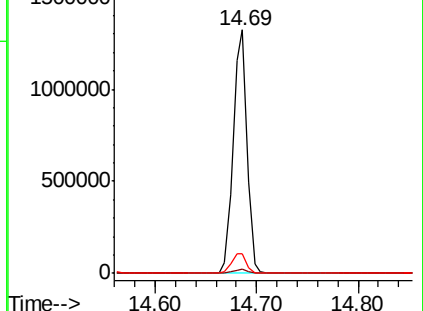
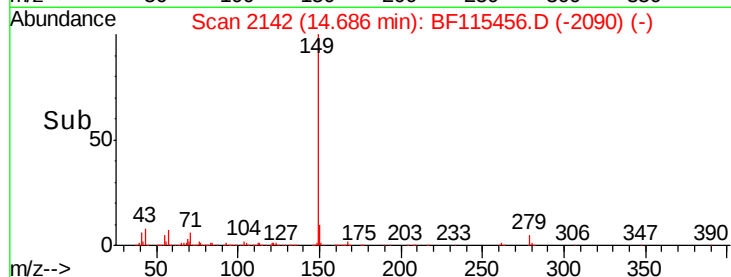
43 8.4 7.0 10.6



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: 58.715 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

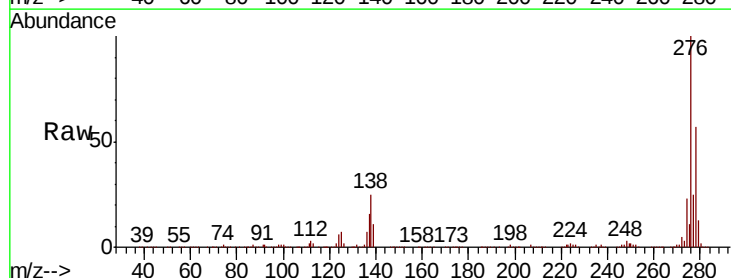
Tgt Ion:276 Resp: 1316085

Ion Ratio Lower Upper

276 100

138 25.8 20.6 31.0

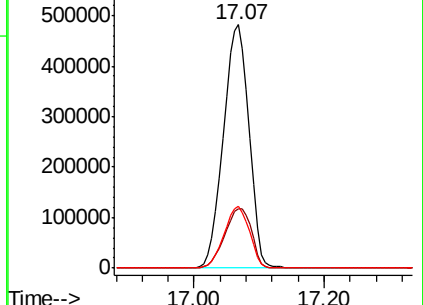
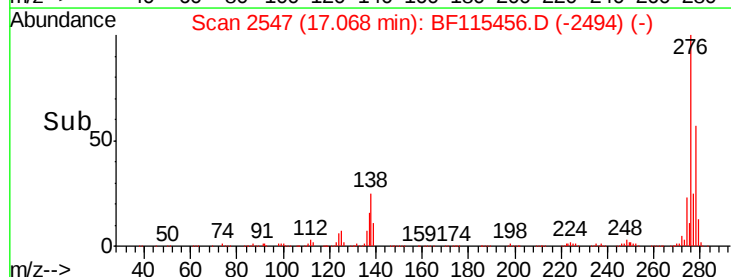
277 25.1 20.2 30.2

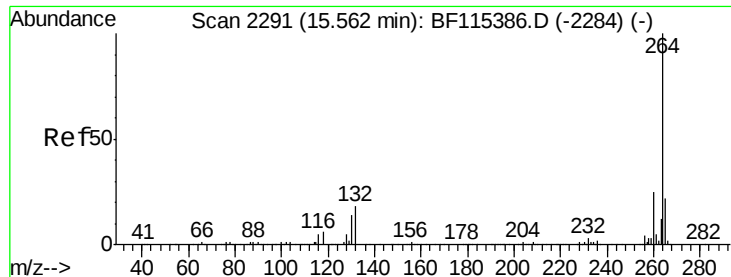


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.57 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MSD

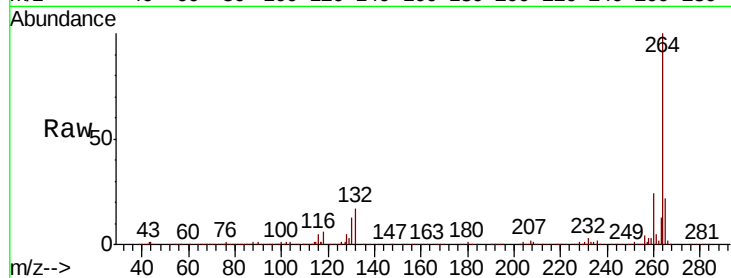
Tot Ion:264 Resp: 452210

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

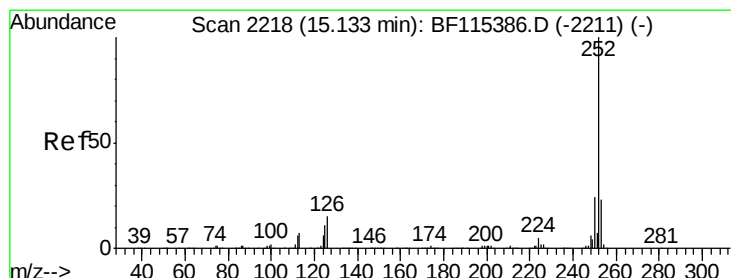
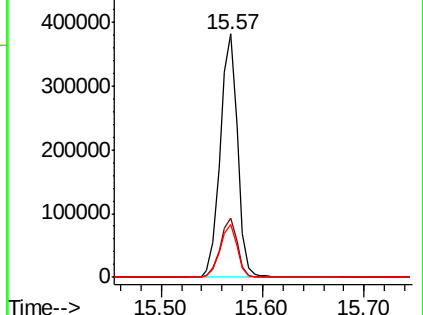
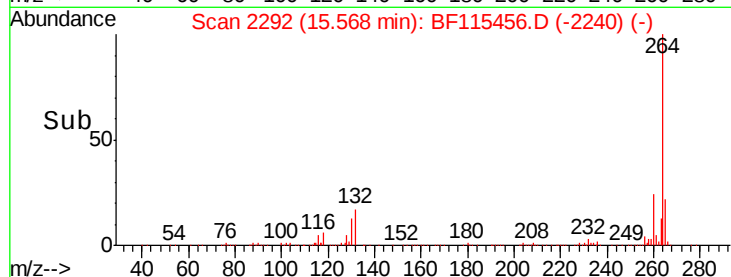
265 21.6 17.8 26.6



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: 40.776 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF115456.D

Acq: 10 Jul 2019 15:36

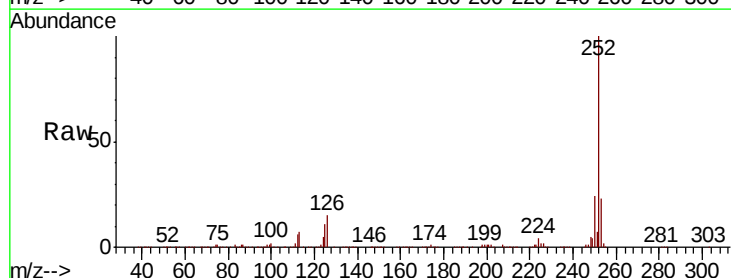
Tgt Ion:252 Resp: 1200556

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

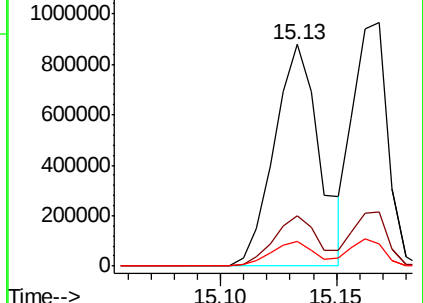
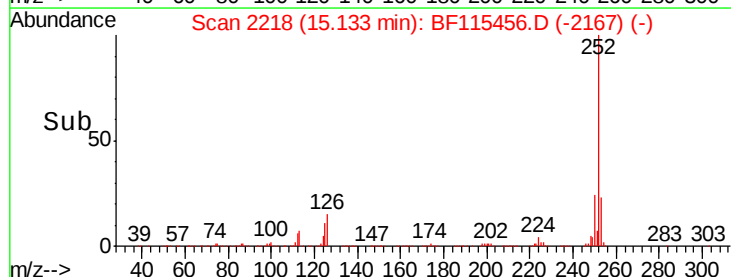
125 11.1 8.5 12.7

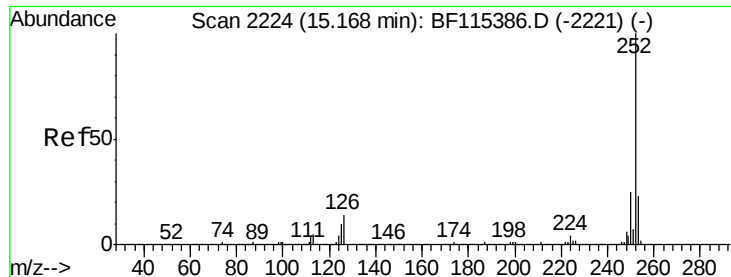


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

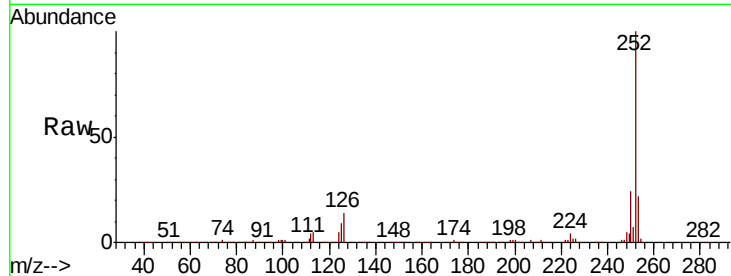




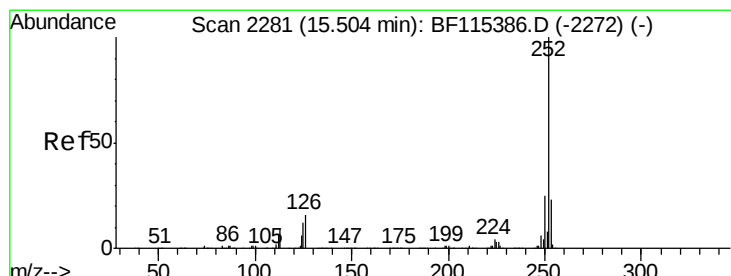
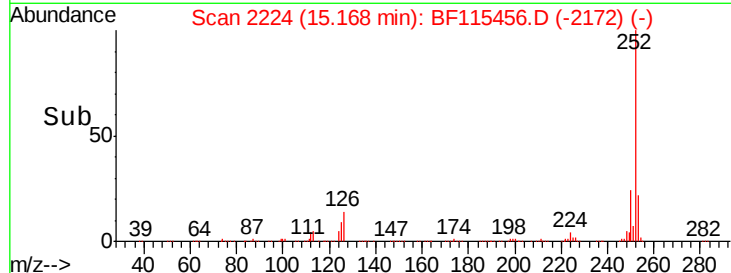
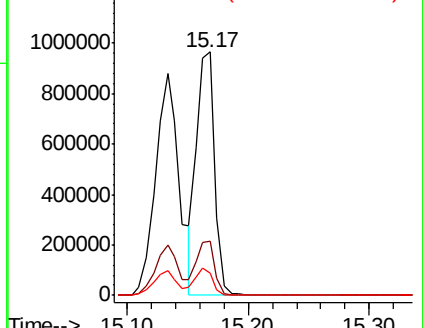
#89
Benzo(k)fluoranthene
Concen: 38.609 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:252 Resp: 1010958
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.2 8.6 13.0

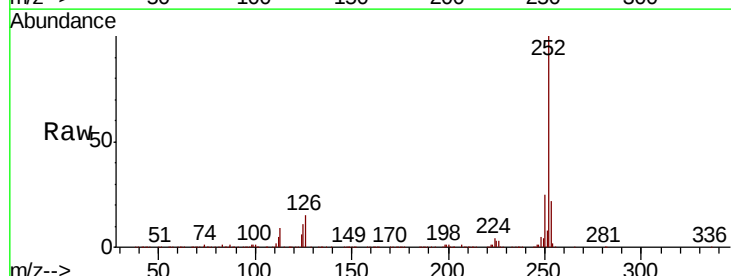


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

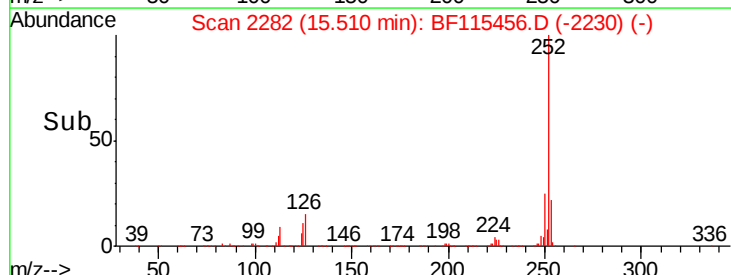
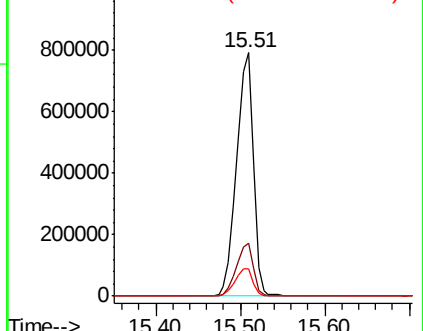


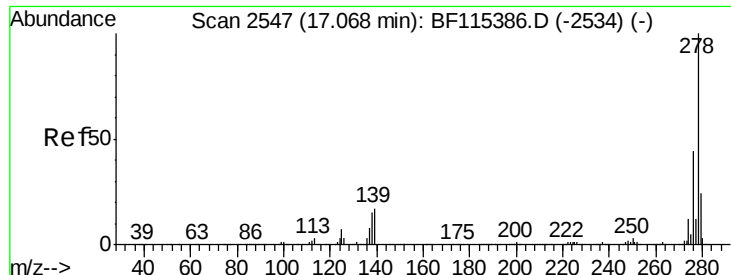
#90
Benzo(a)pyrene
Concen: 42.397 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:252 Resp: 1076672
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.4 9.7 14.5



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



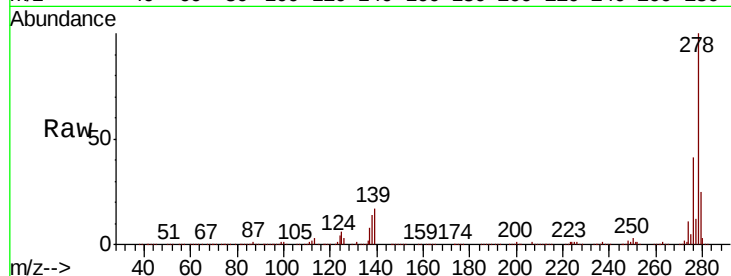


#91
Dibenzo(a,h)anthracene
Concen: 49.865 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

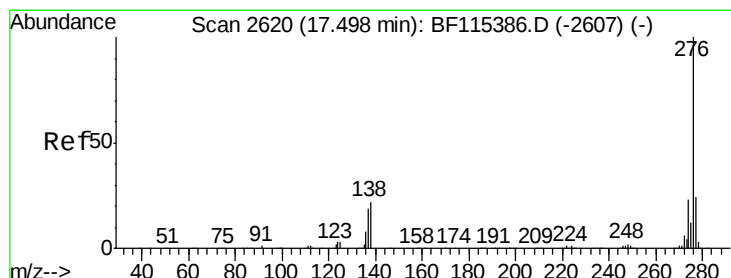
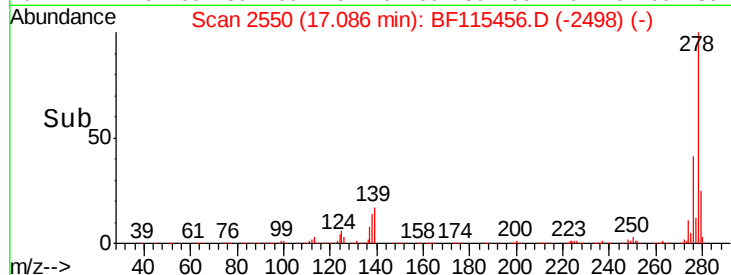
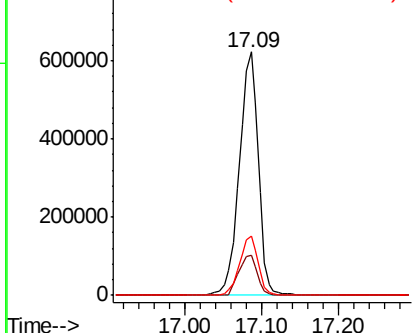
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:278 Resp: 1082087

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.0	19.6
279	24.5	19.4	29.2



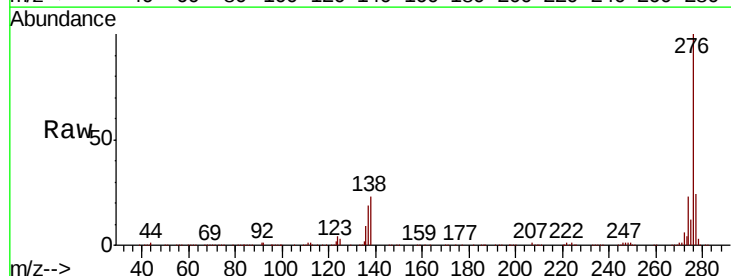
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.781 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF115456.D
Acq: 10 Jul 2019 15:36

Tgt Ion:276 Resp: 1125187

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.6	17.8	26.8



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

