

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
 Data File : BF115391.D
 Acq On : 5 Jul 2019 16:15
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Quant Time: Jul 05 16:55:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:50:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	198857	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	822449	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	405091	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	766520	20.00	ng	0.00
76) Chrysene-d12	14.05	240	535232	20.00	ng	-0.02
87) Perylene-d12	15.52	264	494261	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	978096	75.99	ng	0.00
7) Phenol-d6	6.52	99	1270686	77.63	ng	0.00
23) Nitrobenzene-d5	7.46	82	1147691	82.45	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	355360	79.34	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1852276	80.24	ng	0.00
79) Terphenyl-d14	13.00	244	2063360	78.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	238335	37.752	ng	99
3) Pyridine	3.46	79	667635	38.245	ng	99
4) n-Nitrosodimethylamine	3.41	42	268307	37.902	ng	94
6) Aniline	6.56	93	893534	38.682	ng	99
8) 2-Chlorophenol	6.69	128	565117	38.885	ng	93
9) Benzaldehyde	6.45	77	384764	40.944	ng	100
10) Phenol	6.53	94	710833	36.295	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	555228	38.215	ng	99
12) 1,3-Dichlorobenzene	6.84	146	611758	38.422	ng	98
13) 1,4-Dichlorobenzene	6.92	146	611476	38.340	ng	99
14) 1,2-Dichlorobenzene	7.07	146	575148	38.951	ng	100
15) Benzyl Alcohol	7.03	79	517366	39.388	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	775588	38.178	ng	99
17) 2-Methylphenol	7.15	107	478716	38.449	ng	99
18) Hexachloroethane	7.42	117	236014	39.724	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	418160	37.760	ng	100
20) 3+4-Methylphenols	7.30	107	578054	39.305	ng	97
22) Acetophenone	7.30	105	765142	38.825	ng	99
24) Nitrobenzene	7.48	77	638080	40.588	ng	93
25) Isophorone	7.72	82	1151689	38.170	ng	100
26) 2-Nitrophenol	7.79	139	300924	46.560	ng	98
27) 2,4-Dimethylphenol	7.83	122	483041	39.194	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	715744	38.469	ng	100
29) 2,4-Dichlorophenol	8.03	162	483656	39.402	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	535134	39.160	ng	100
31) Naphthalene	8.20	128	1573644	38.521	ng	100
32) Benzoic acid	7.95	122	313446	36.559	ng	99
33) 4-Chloroaniline	8.25	127	701792	38.503	ng	100
34) Hexachlorobutadiene	8.33	225	305846	39.465	ng	99
35) Caprolactam	8.62	113	152288	38.092	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	505194	38.909	ng	99
37) 2-Methylnaphthalene	8.89	142	1045303	38.282	ng	99
38) 1-Methylnaphthalene	8.99	142	1004902	38.572	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	464415	39.851	ng	100

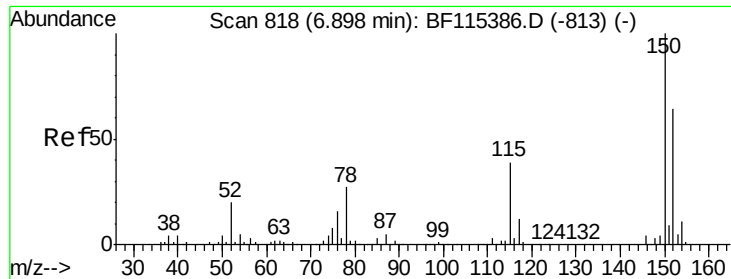
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	280258	41.492	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	344322	40.583	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	349139	39.686	ng	99
46) 1,1'-Biphenyl	9.36	154	1259032	39.535	ng	99
47) 2-Chloronaphthalene	9.38	162	1039625	39.499	ng	100
48) 2-Nitroaniline	9.47	65	332206	42.960	ng	97
49) Acenaphthylene	9.80	152	1545871	38.792	ng	100
50) Dimethylphthalate	9.66	163	1173083	38.582	ng	100
51) 2,6-Dinitrotoluene	9.71	165	268394	40.702	ng	98
52) Acenaphthene	9.97	154	997354	39.767	ng	99
53) 3-Nitroaniline	9.88	138	313894	40.985	ng	99
54) 2,4-Dinitrophenol	9.98	184	117465	45.967	ng	# 82
55) Dibenzofuran	10.14	168	1369515	38.765	ng	100
56) 4-Nitrophenol	10.03	139	251191	42.392	ng	98
57) 2,4-Dinitrotoluene	10.12	165	353307	42.159	ng	95
58) Fluorene	10.48	166	1008166	36.200	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	300289	39.512	ng	99
60) Diethylphthalate	10.35	149	1161613	38.814	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	509698	37.498	ng	98
62) 4-Nitroaniline	10.49	138	307726	40.934	ng	98
63) Azobenzene	10.63	77	1185710	38.435	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	164051	45.237	ng	95
66) n-Nitrosodiphenylamine	10.59	169	947884	39.247	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	337836	39.279	ng	97
68) Hexachlorobenzene	11.03	284	380958	39.472	ng	98
69) Atrazine	11.12	200	305345	40.852	ng	99
70) Pentachlorophenol	11.22	266	243316	41.368	ng	99
71) Phenanthrene	11.44	178	1570164	38.949	ng	99
72) Anthracene	11.49	178	1599618	39.570	ng	100
73) Carbazole	11.64	167	1449106	39.183	ng	100
74) Di-n-butylphthalate	11.98	149	1771267	39.630	ng	99
75) Fluoranthene	12.63	202	1638614	38.604	ng	99
77) Benzidine	12.74	184	768622	36.826	ng	100
78) Pyrene	12.86	202	1665629	40.018	ng	100
80) Butylbenzylphthalate	13.47	149	752298	41.368	ng	91
81) Benzo(a)anthracene	14.04	228	1316900	38.400	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	511697	41.120	ng	97
83) Chrysene	14.08	228	1363507	38.696	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	896718	39.817	ng	100
85) Di-n-octyl phthalate	14.64	149	1578655	39.375	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1144153	38.839	ng	99
88) Benzo(b)fluoranthene	15.09	252	1230150	38.226	ng	99
89) Benzo(k)fluoranthene	15.12	252	1160774	40.559	ng	99
90) Benzo(a)pyrene	15.46	252	1088622	39.221	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	946978	39.926	ng	100
92) Benzo(g,h,i)perylene	17.44	276	913582	40.695	ng	99

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

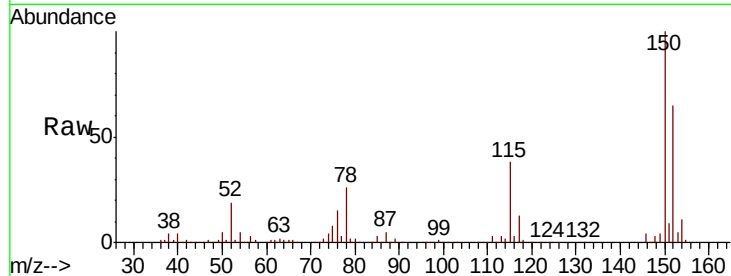


#1

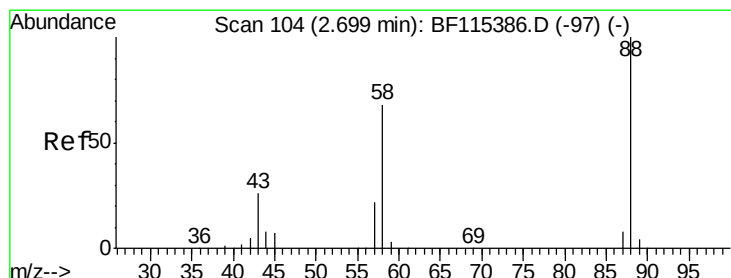
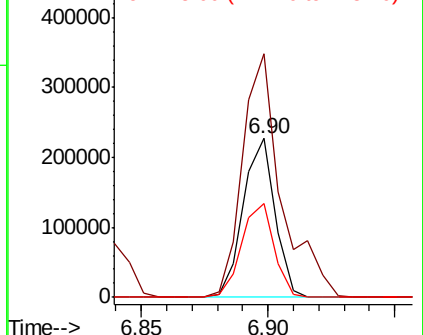
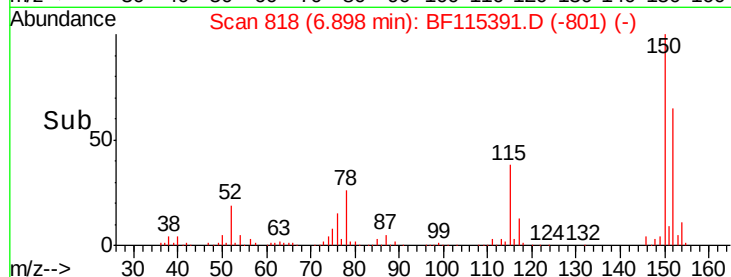
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:152 Resp: 198857
Ion Ratio Lower Upper
152 100
150 153.4 124.7 187.1
115 59.0 48.1 72.1



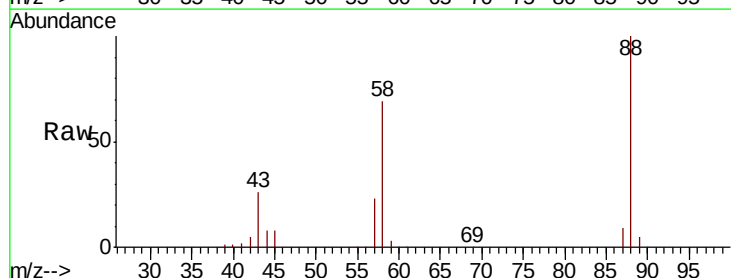
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



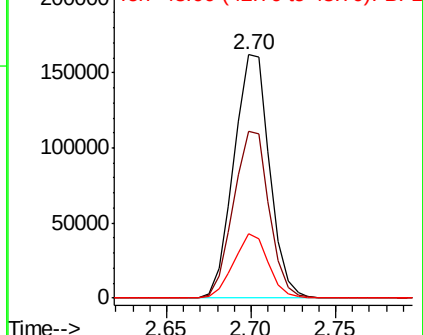
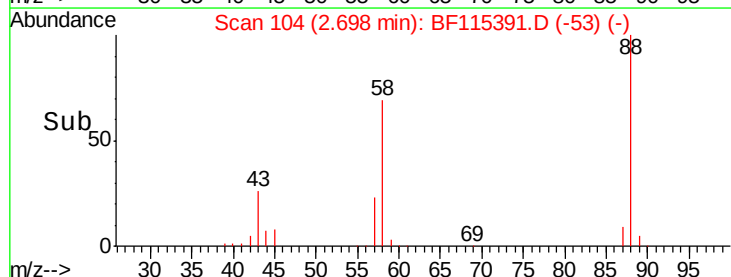
#2

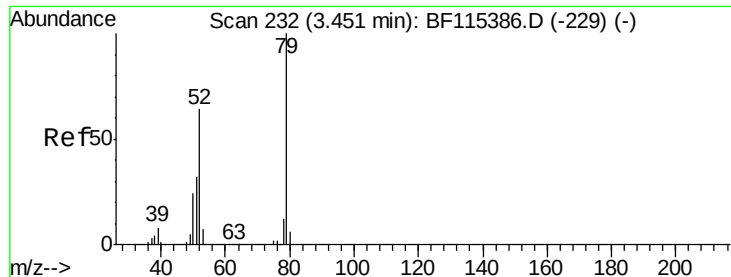
1,4-Dioxane
Concen: 37.752 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion: 88 Resp: 238335
Ion Ratio Lower Upper
88 100
58 68.5 54.6 81.8
43 25.8 21.3 31.9



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: 38.245 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

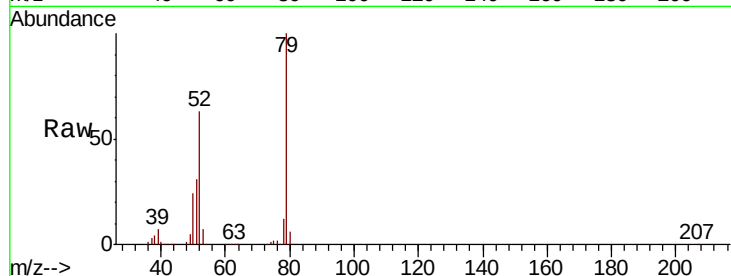
Tot Ion: 79 Resp: 667635

Ion Ratio Lower Upper

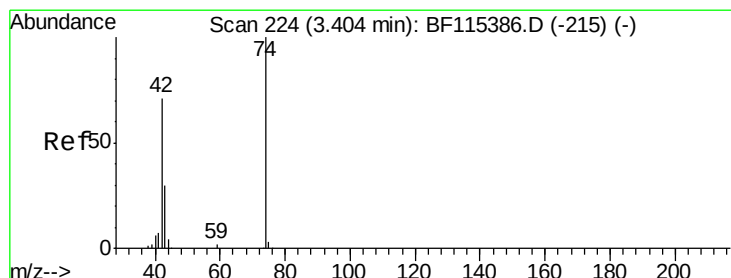
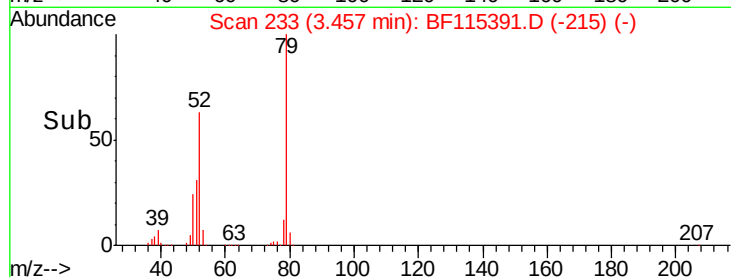
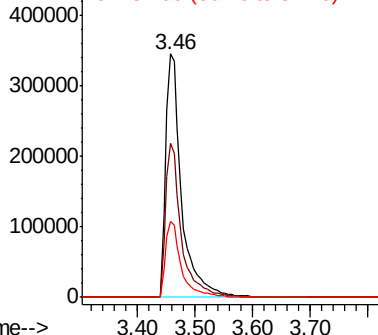
79 100

52 63.2 50.9 76.3

51 31.3 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.902 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

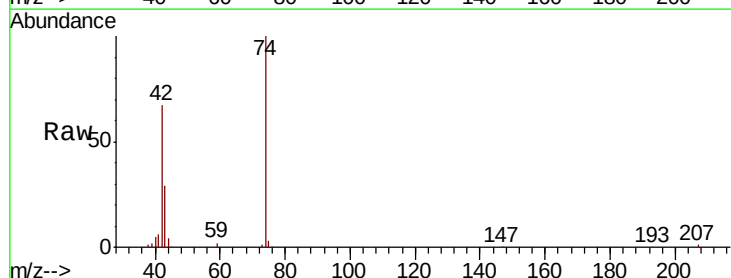
Tgt Ion: 42 Resp: 268307

Ion Ratio Lower Upper

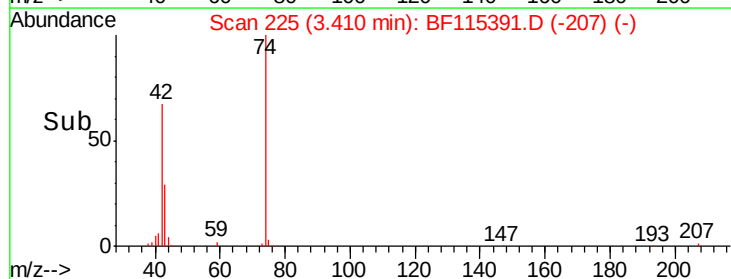
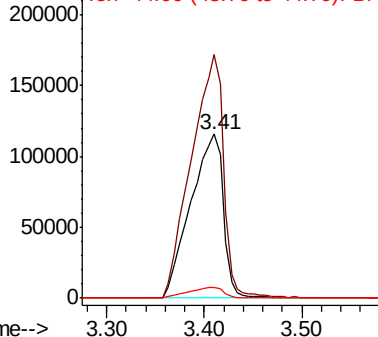
42 100

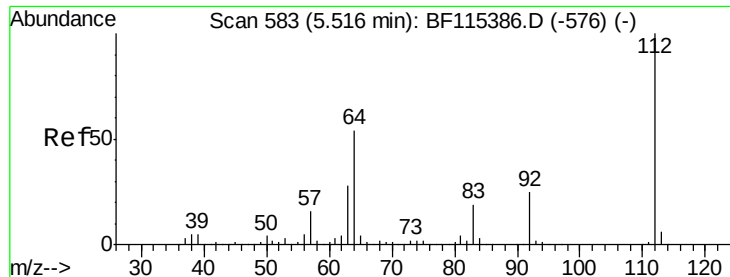
74 148.6 112.8 169.2

44 6.4 5.4 8.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.994 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

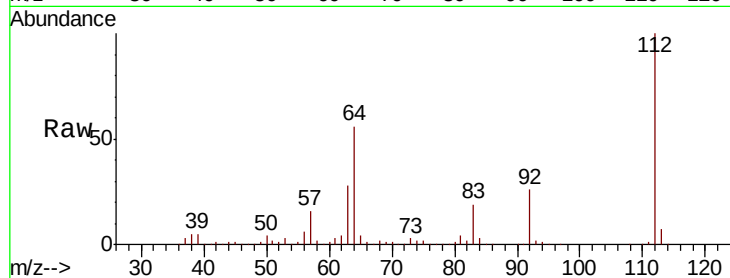
Tot Ion: 112 Resp: 978096

Ion Ratio Lower Upper

112 100

64 56.0 43.0 64.6

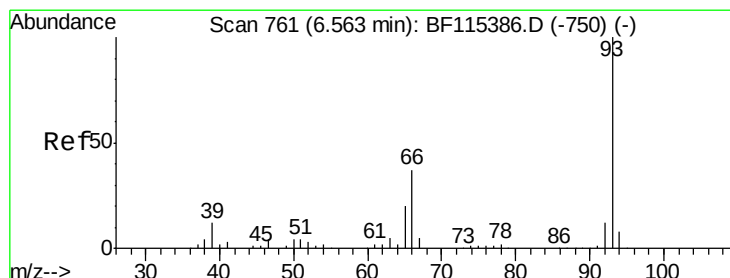
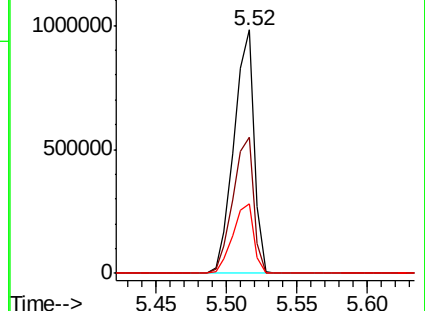
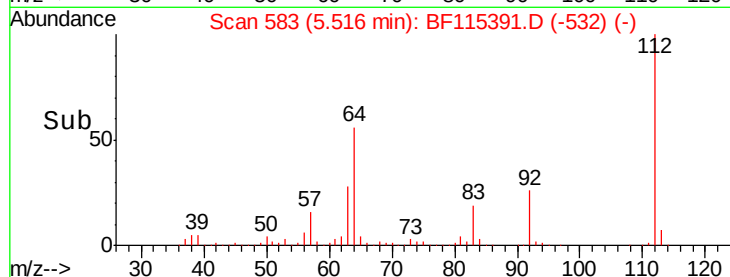
63 28.4 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.682 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

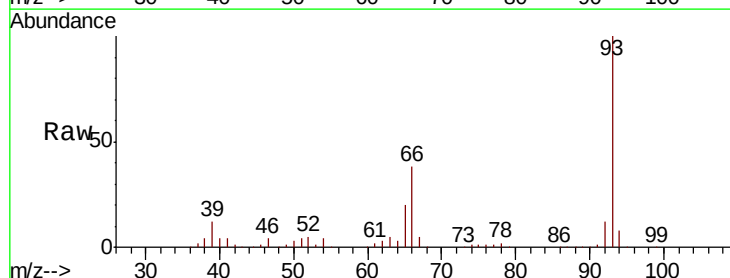
Tgt Ion: 93 Resp: 893534

Ion Ratio Lower Upper

93 100

66 38.1 30.8 46.2

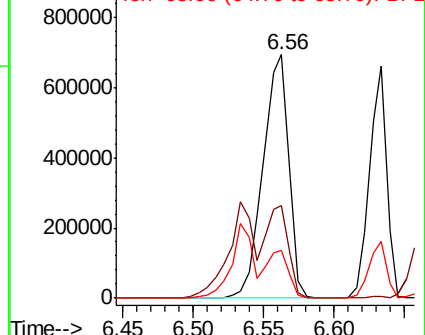
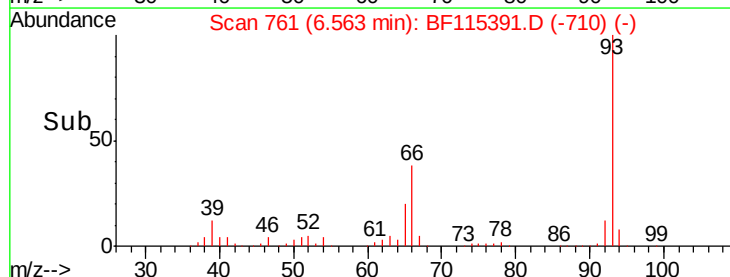
65 19.6 16.0 24.0

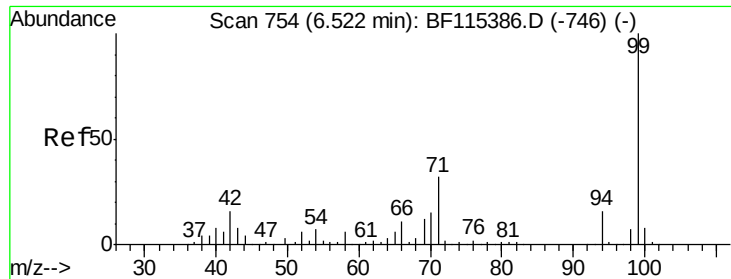


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.628 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

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BNA_F

ClientSampleId :

ICVBF070519

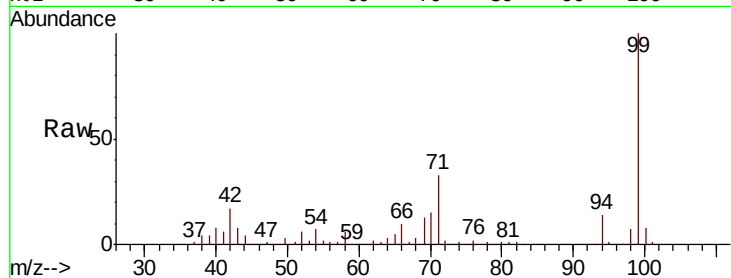
Tot Ion: 99 Resp: 1270686

Ion Ratio Lower Upper

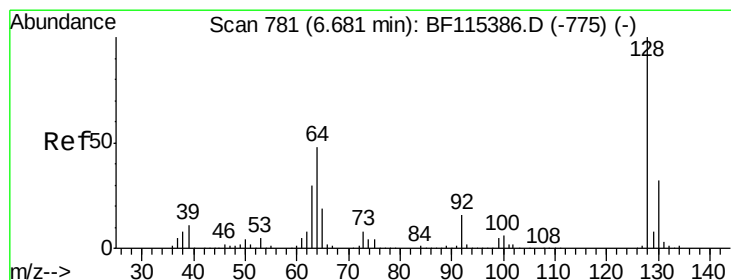
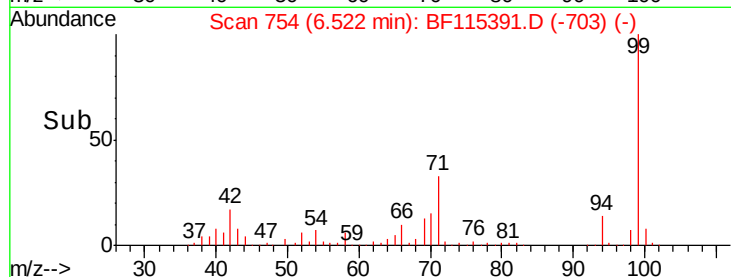
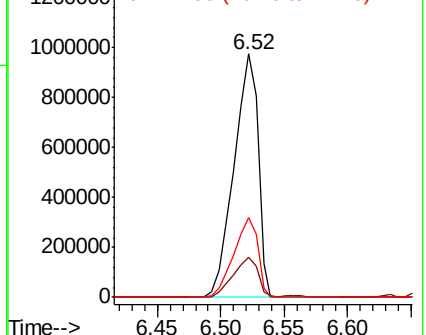
99 100

42 16.6 13.1 19.7

71 32.9 25.9 38.9



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: 38.885 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

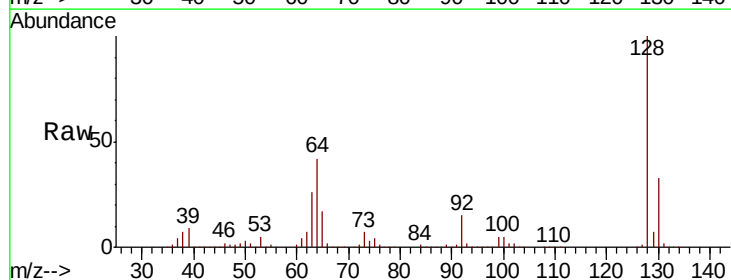
Tgt Ion:128 Resp: 565117

Ion Ratio Lower Upper

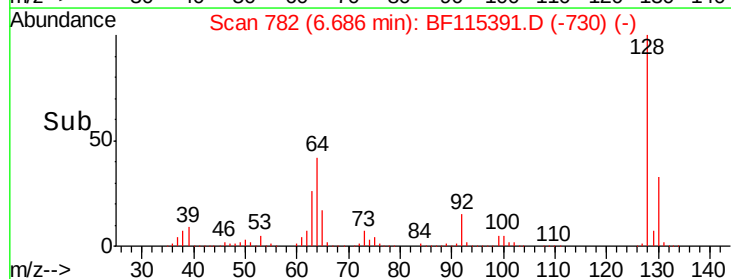
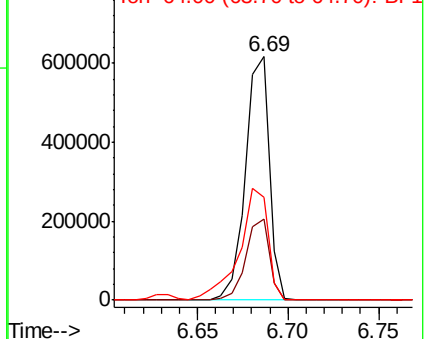
128 100

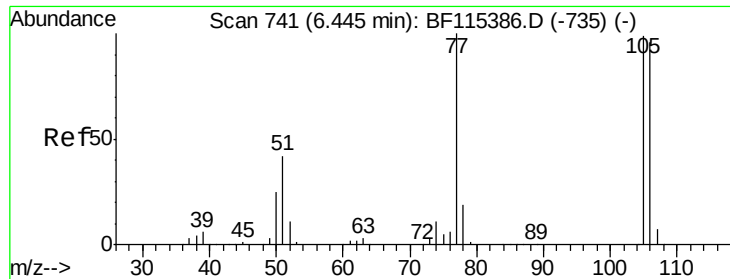
130 33.2 12.4 52.4

64 42.0 28.8 68.8



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: 40.944 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

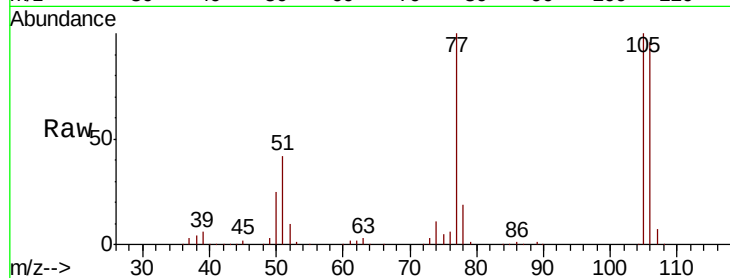
Tot Ion: 77 Resp: 384764

Ion Ratio Lower Upper

77 100

105 99.5 79.0 119.0

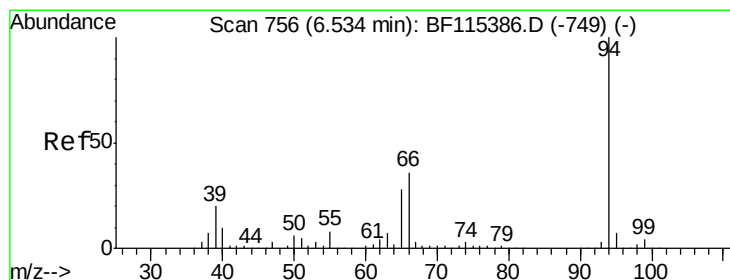
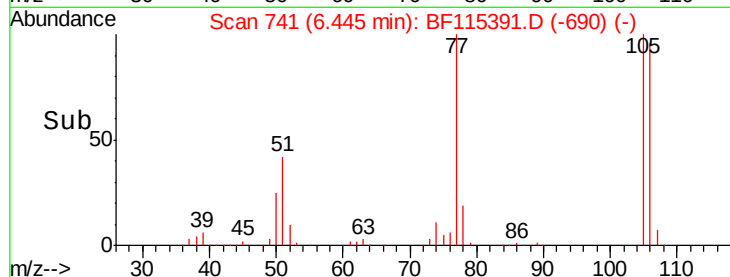
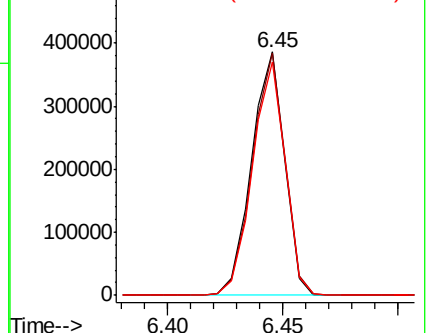
106 95.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.295 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

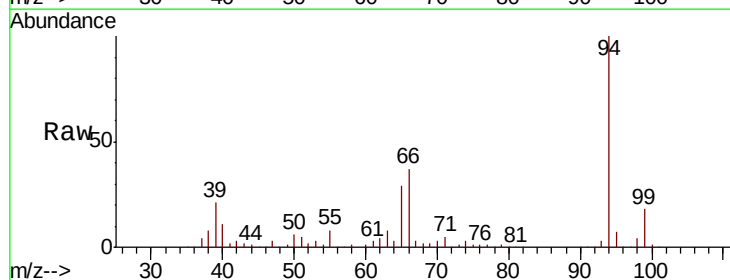
Tgt Ion: 94 Resp: 710833

Ion Ratio Lower Upper

94 100

65 28.6 8.0 48.0

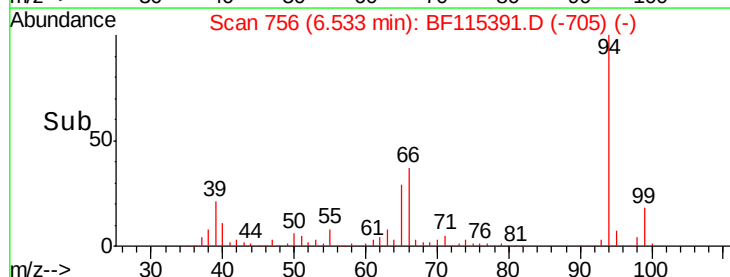
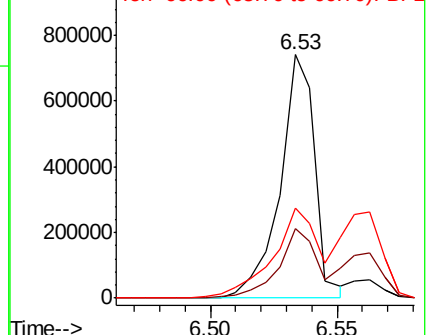
66 37.2 16.2 56.2

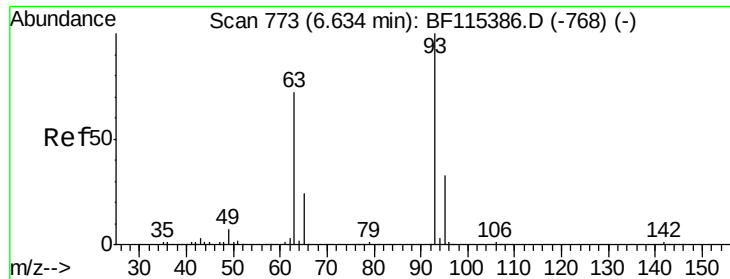


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

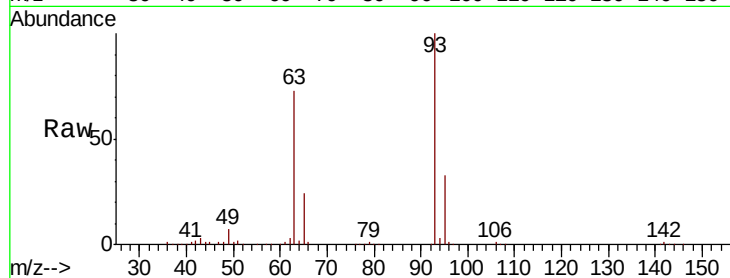




#11
bis(2-Chloroethyl)ether
Concen: 38.215 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	51.5	91.5
95	33.4	12.9	52.9

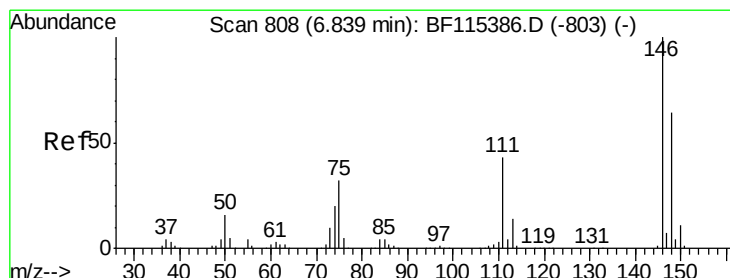
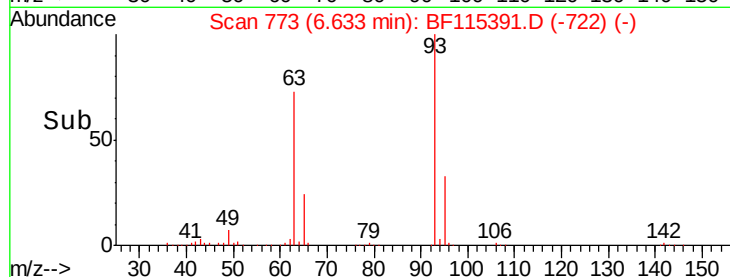
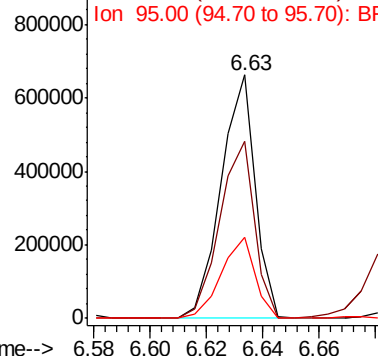


Abundance

Ion 93.00 (92.70 to 93.70): BF1

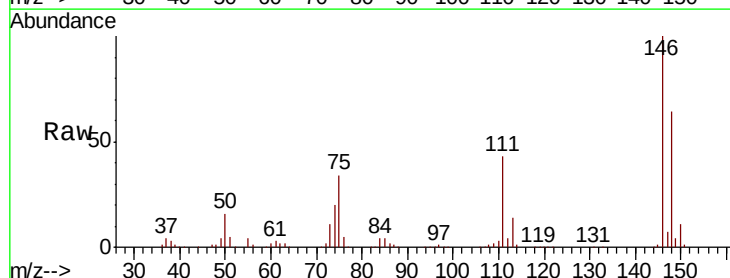
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.422 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
75	33.6	25.9	38.9

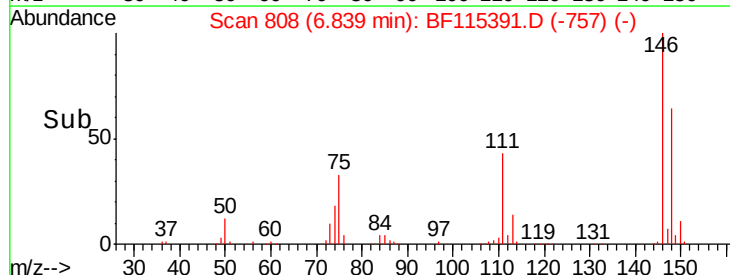
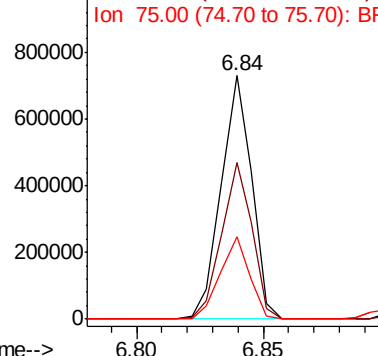


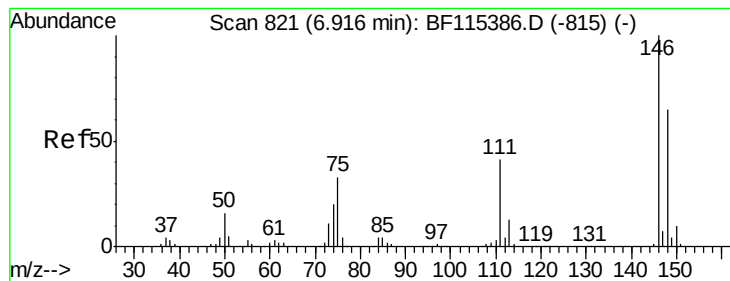
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

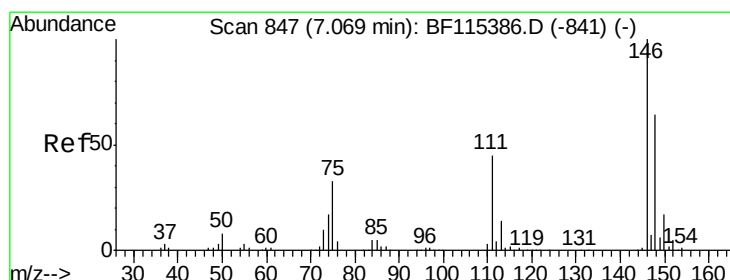
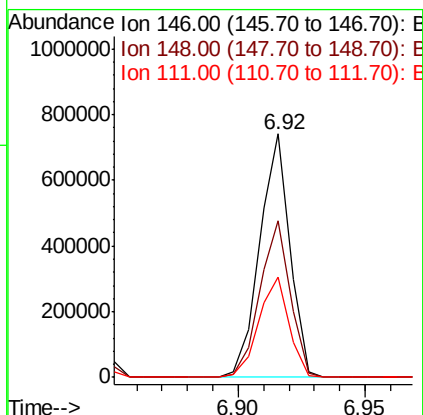
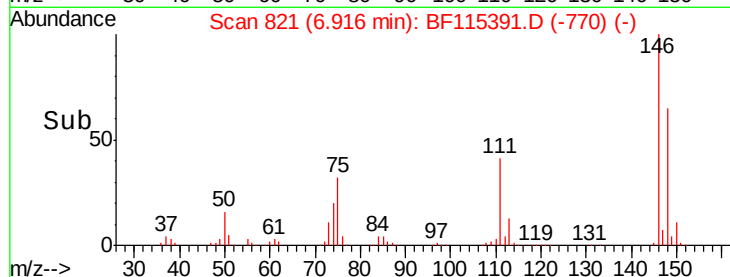
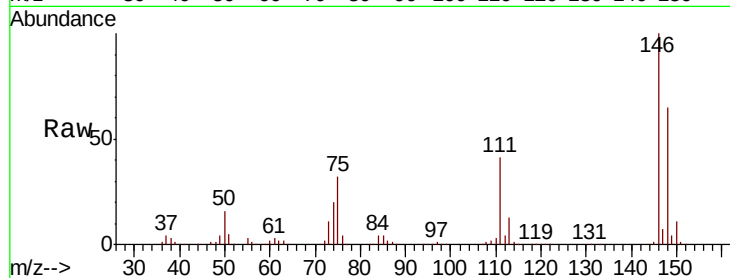




#13
 1,4-Dichlorobenzene
 Concen: 38.340 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

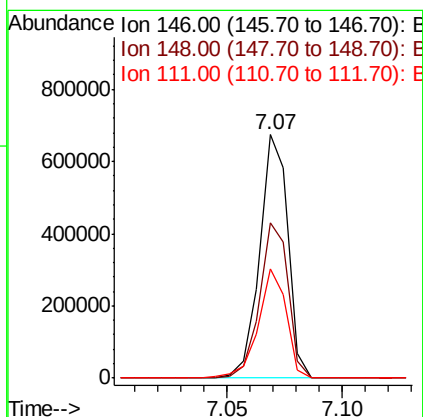
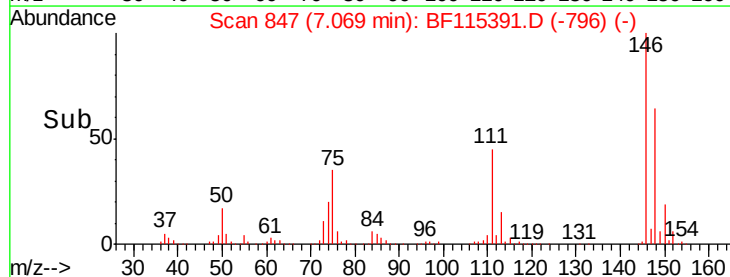
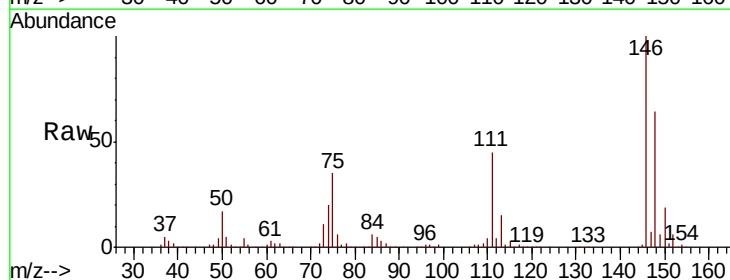
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

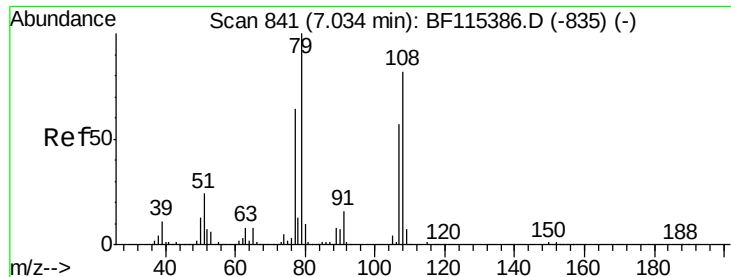
Tot Ion:146 Resp: 611476
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 41.3 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 38.951 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:146 Resp: 575148
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.3 76.9
 111 45.1 36.2 54.2





#15

Benzyl Alcohol

Concen: 39.388 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

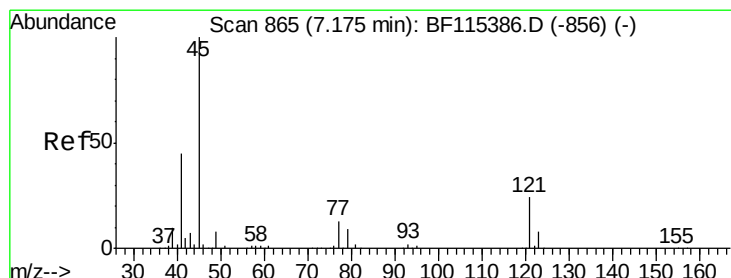
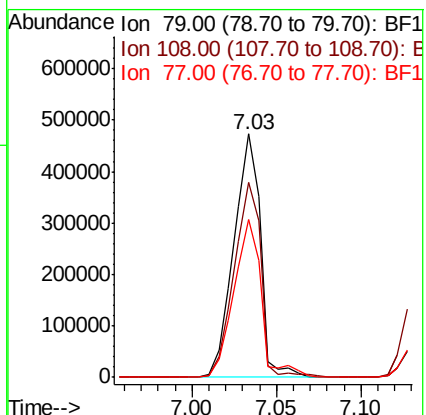
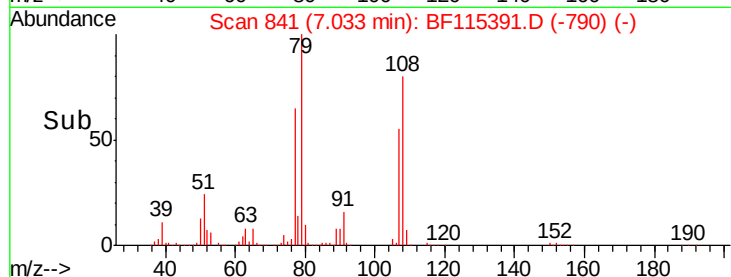
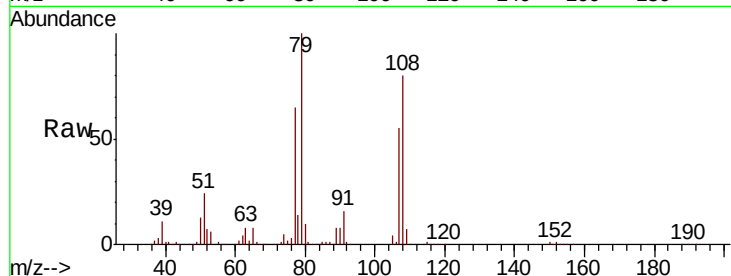
Tot Ion: 79 Resp: 517366

Ion Ratio Lower Upper

79 100

108 80.3 65.4 98.2

77 65.0 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.178 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

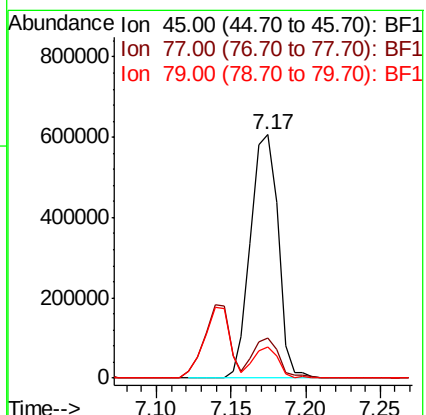
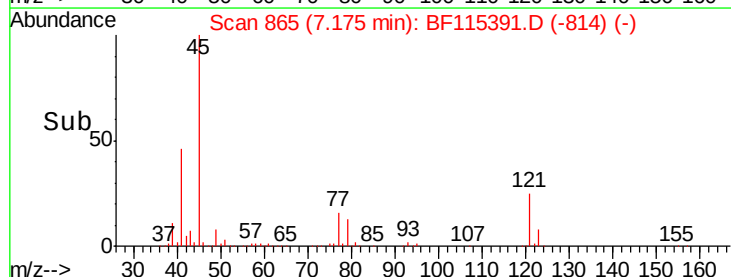
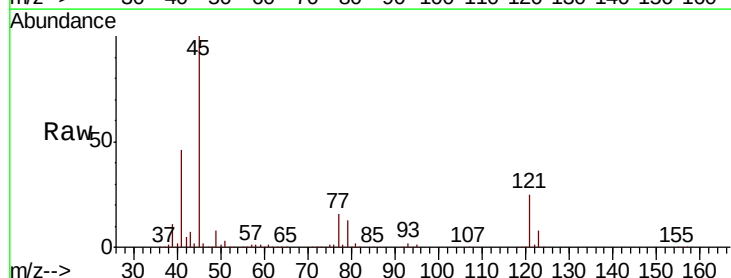
Tgt Ion: 45 Resp: 775588

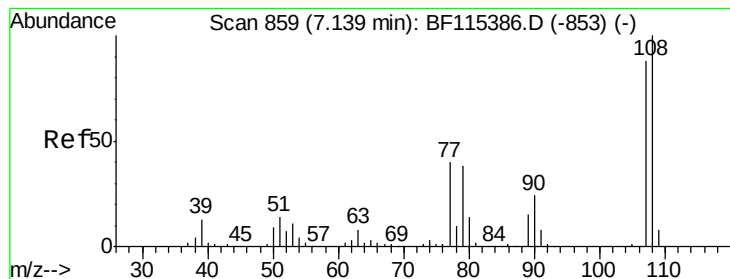
Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.0

79 12.5 0.0 32.0

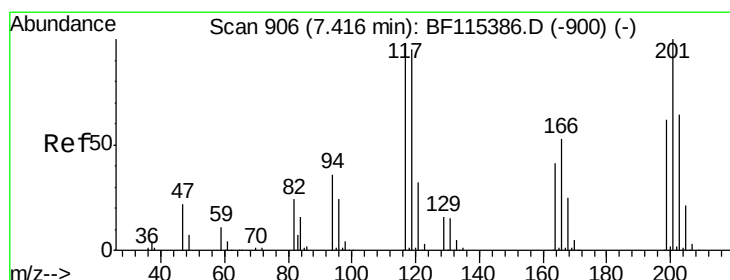
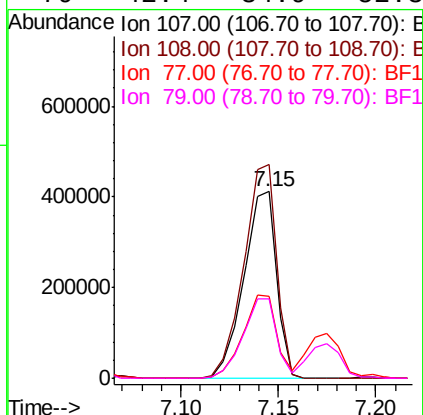
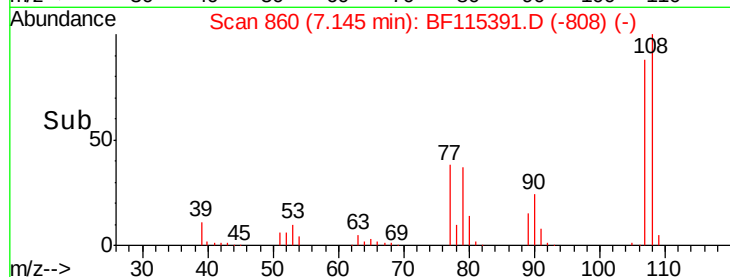
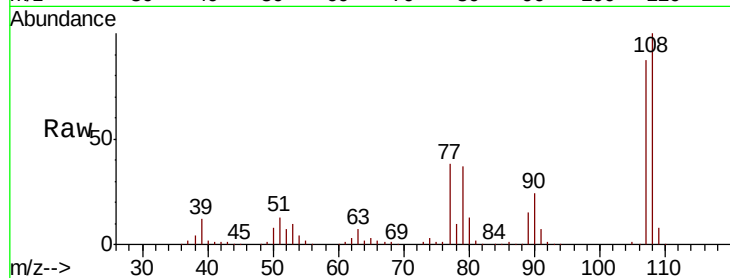




#17
2-Methylphenol
Concen: 38.449 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

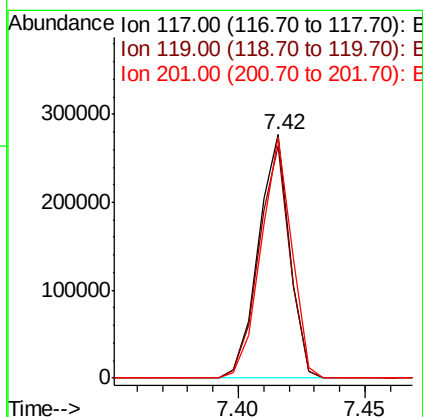
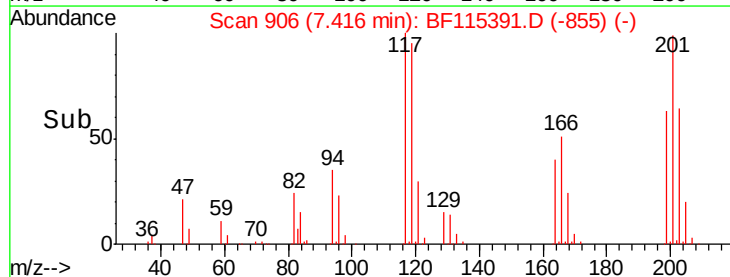
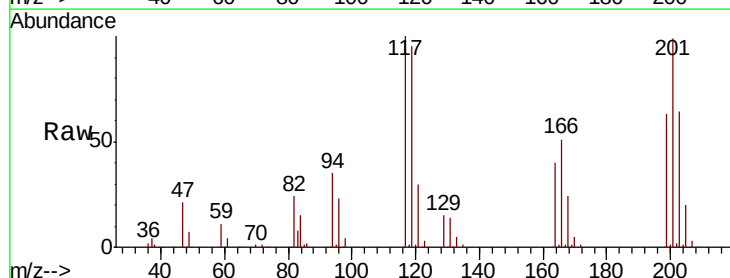
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

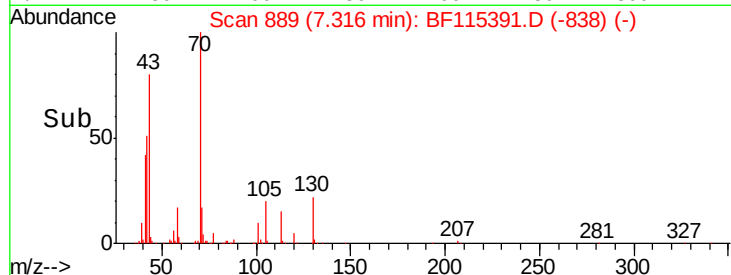
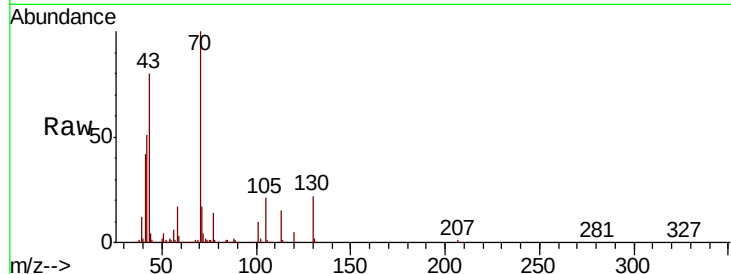
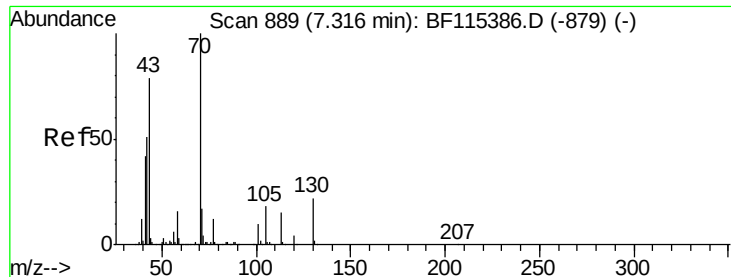
Tot Ion:107 Resp: 478716
Ion Ratio Lower Upper
107 100
108 114.5 90.7 136.1
77 43.8 36.3 54.5
79 42.4 34.9 52.3



#18
Hexachloroethane
Concen: 39.724 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:117 Resp: 236014
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
201 99.2 81.3 121.9

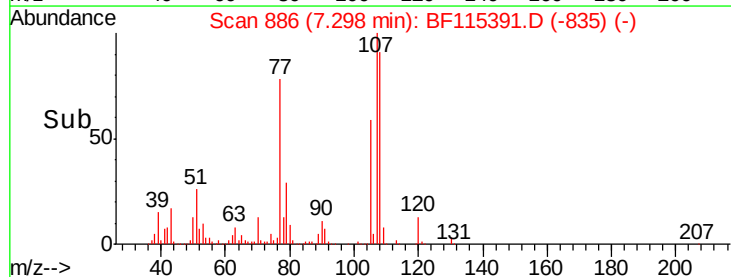
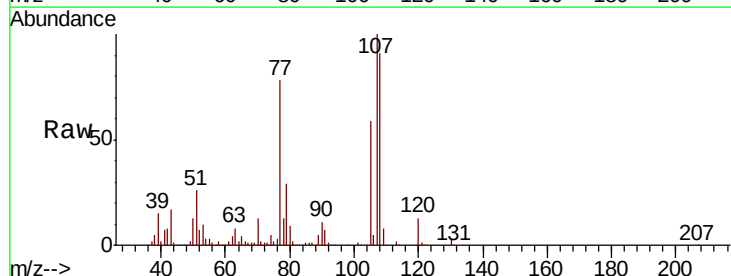
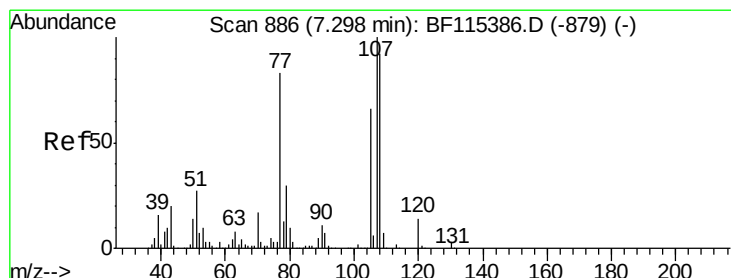
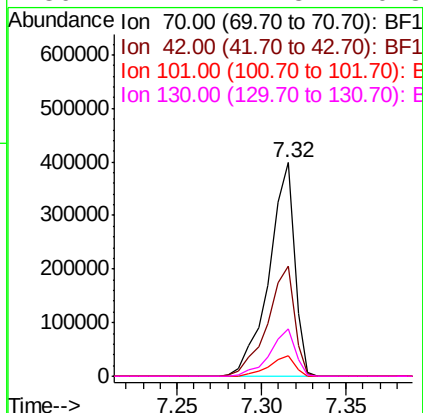




#19
n-Nitroso-di-n-propylamine
Concen: 37.760 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

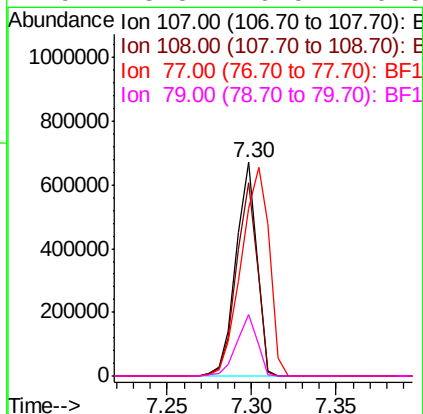
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

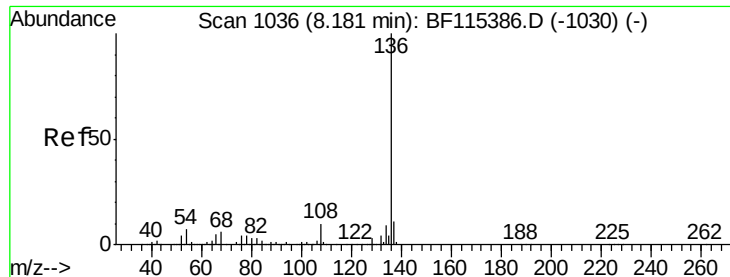
Tot Ion:	70	Resp:	418160
Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.1	61.7
101	9.8	8.0	12.0
130	22.2	17.8	26.8



#20
3+4-Methylphenols
Concen: 39.305 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:	107	Resp:	578054
Ion	Ratio	Lower	Upper
107	100		
108	90.5	72.5	112.5
77	78.5	62.7	102.7
79	28.8	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

Tot Ion:136 Resp: 822449

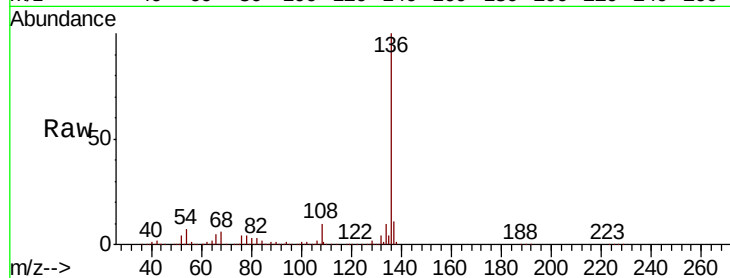
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 5.6 8.4

68 6.4 4.9 7.3

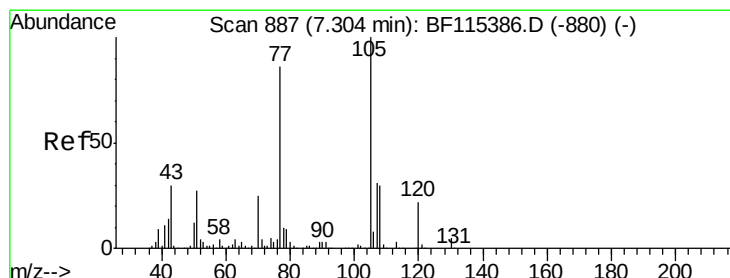
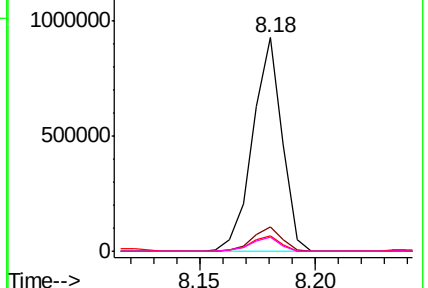
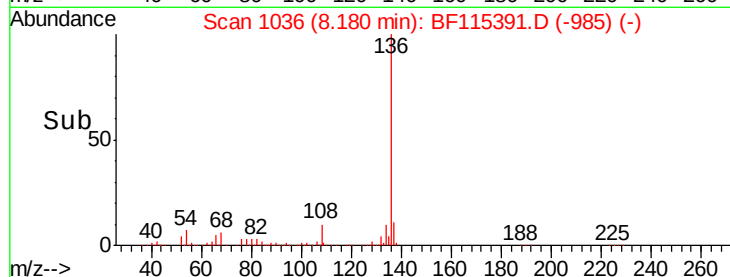


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.825 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Tgt Ion:105 Resp: 765142

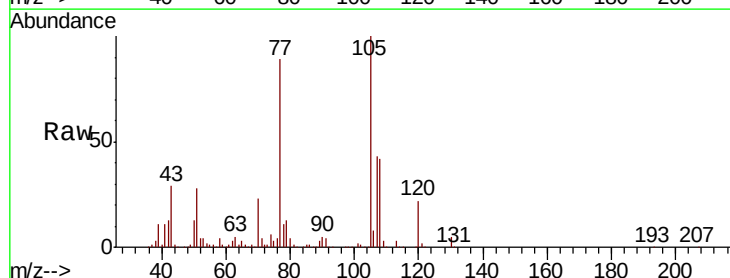
Ion Ratio Lower Upper

105 100

71 4.0 3.3 4.9

51 28.0 21.5 32.3

120 21.9 17.8 26.6

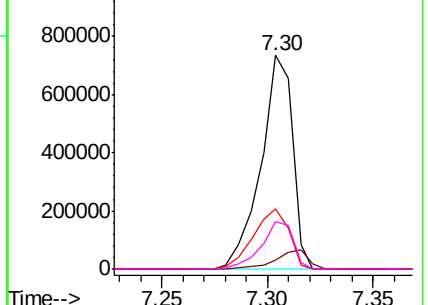
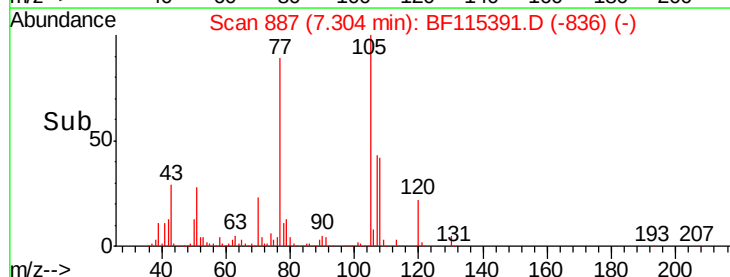


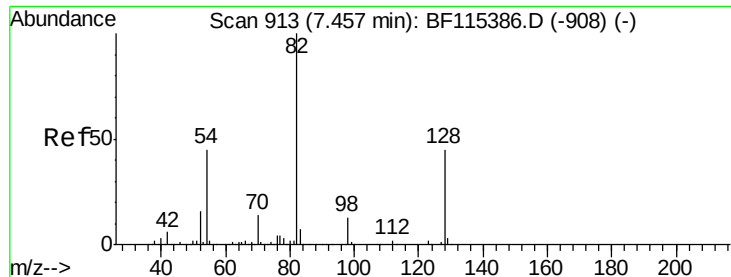
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

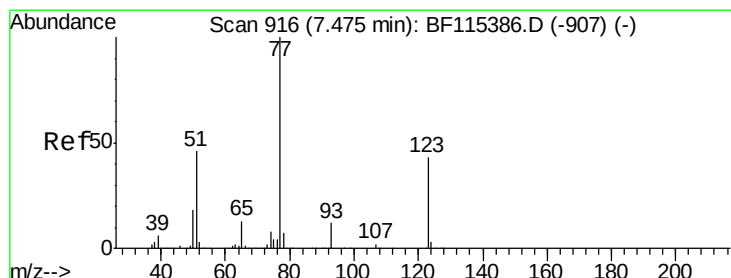
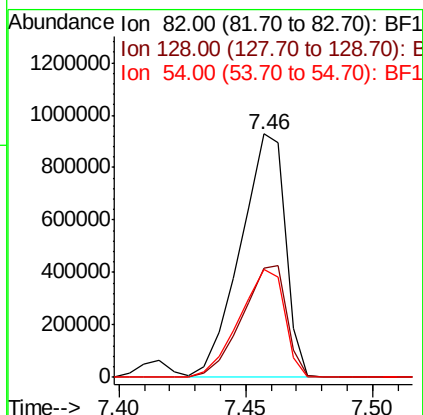
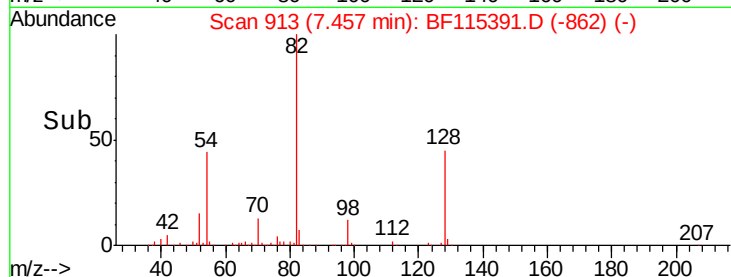
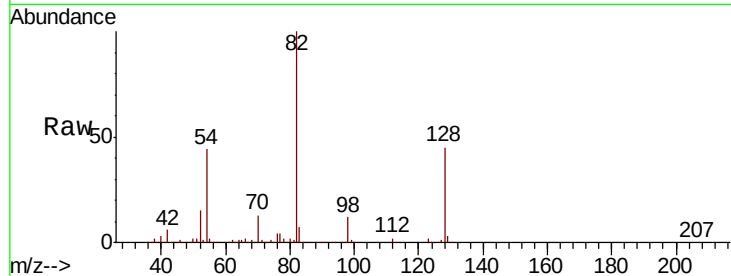




#23
Nitrobenzene-d5
Concen: 82.448 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

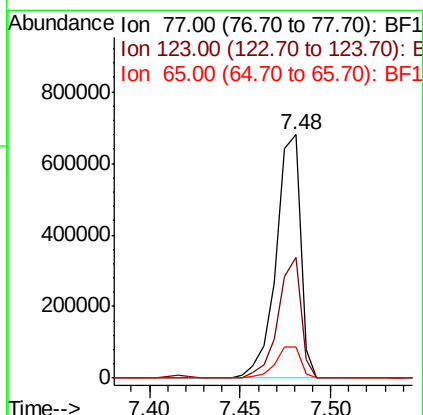
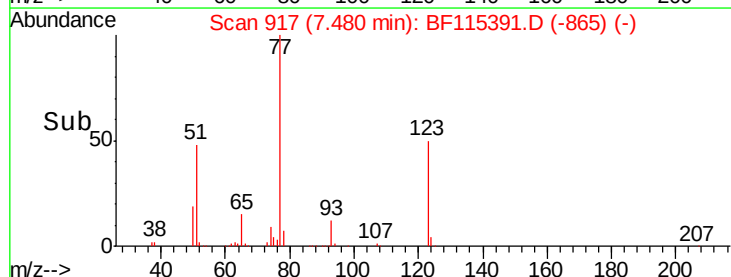
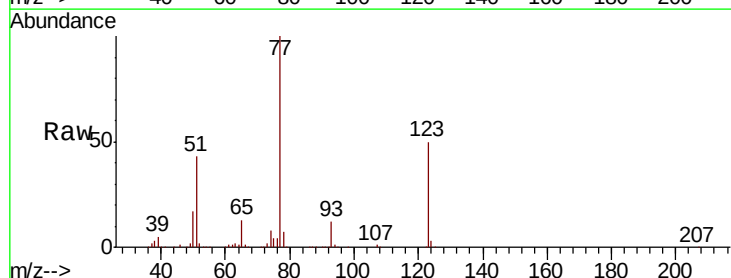
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

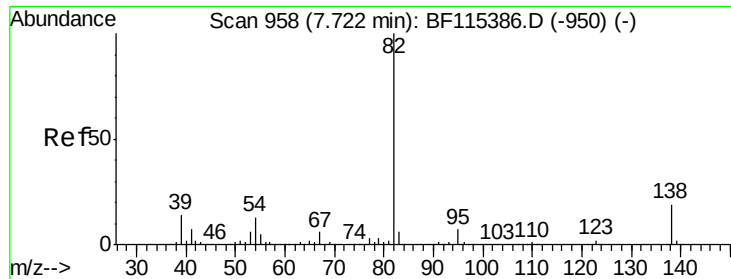
Tot Ion: 82 Resp: 1147691
Ion Ratio Lower Upper
82 100
128 44.7 35.7 53.5
54 44.3 36.3 54.5



#24
Nitrobenzene
Concen: 40.588 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion: 77 Resp: 638080
Ion Ratio Lower Upper
77 100
123 49.8 35.0 52.6
65 13.0 10.8 16.2





#25

Isophorone

Concen: 38.170 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

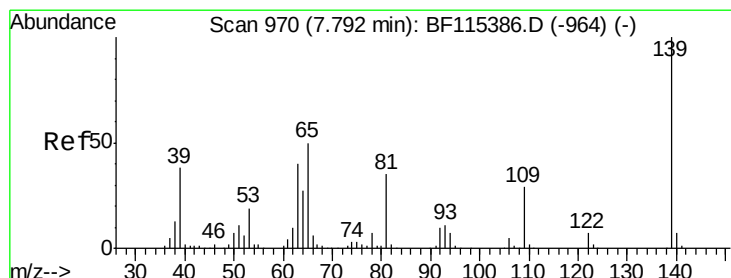
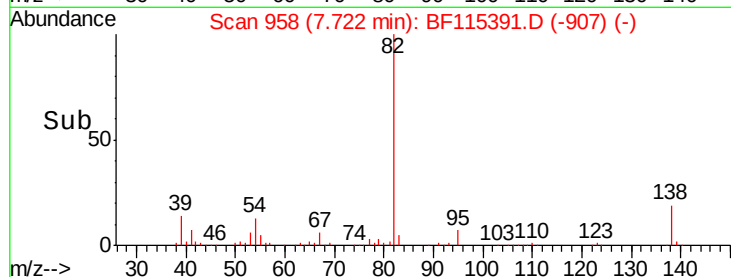
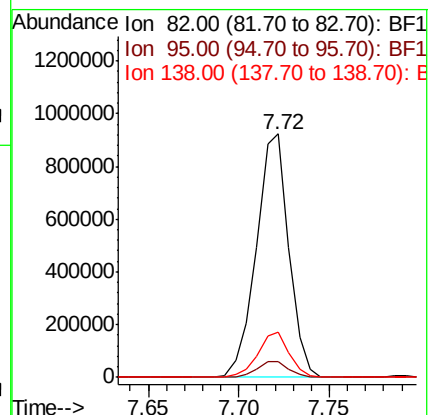
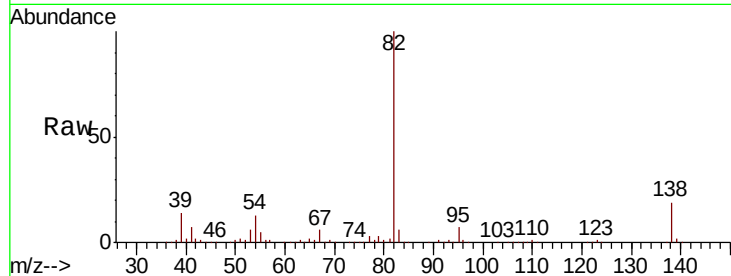
Tot Ion: 82 Resp: 1151689

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 46.560 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

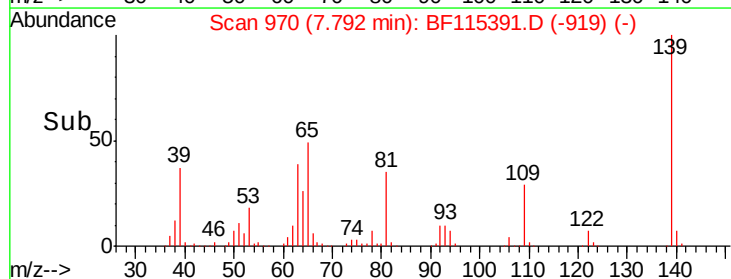
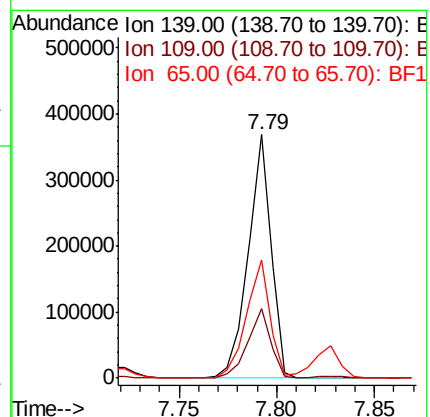
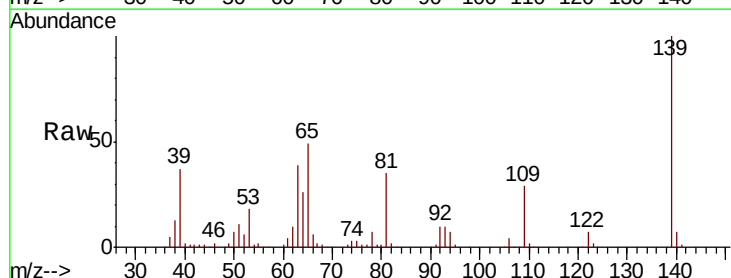
Tgt Ion: 139 Resp: 300924

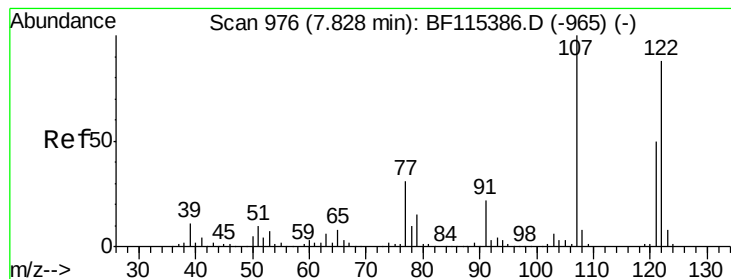
Ion Ratio Lower Upper

139 100

109 28.8 22.9 34.3

65 48.7 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 39.194 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

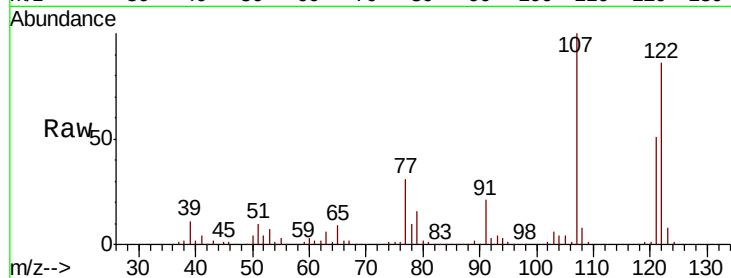
Tot Ion:122 Resp: 483041

Ion Ratio Lower Upper

122 100

107 115.9 91.0 136.6

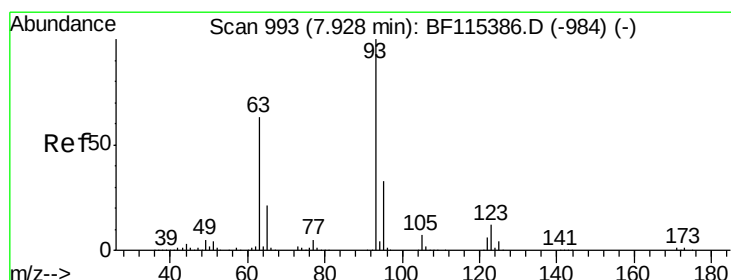
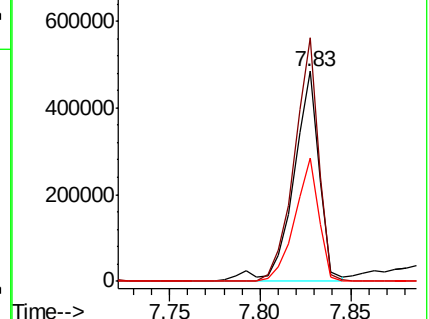
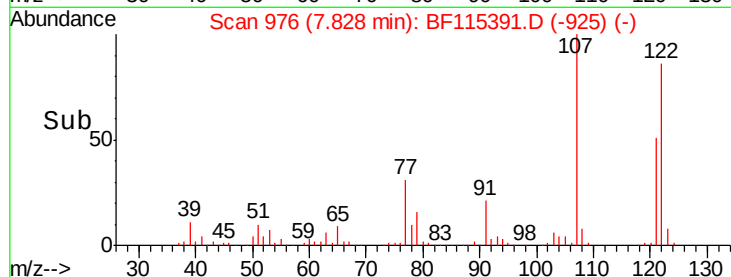
121 58.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.469 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

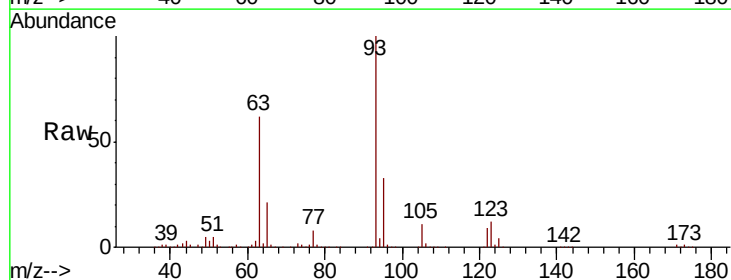
Tgt Ion: 93 Resp: 715744

Ion Ratio Lower Upper

93 100

95 33.4 26.6 39.8

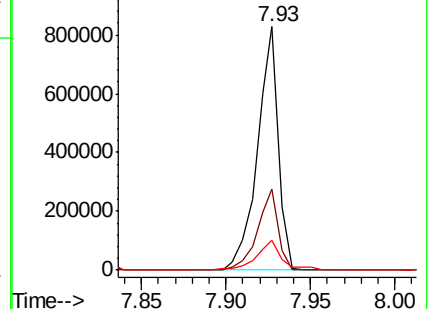
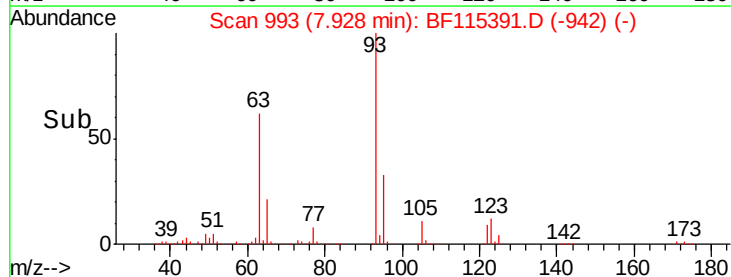
123 12.4 10.0 15.0

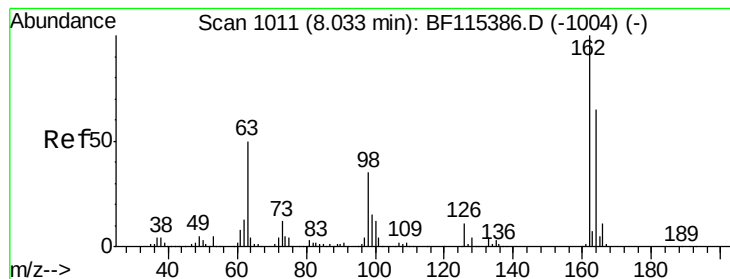


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.402 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

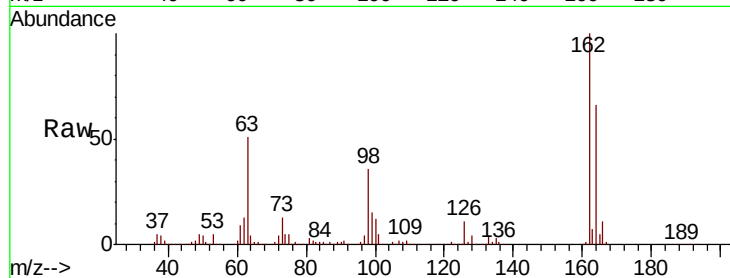
Tot Ion:162 Resp: 483656

Ion Ratio Lower Upper

162 100

164 65.8 44.6 84.6

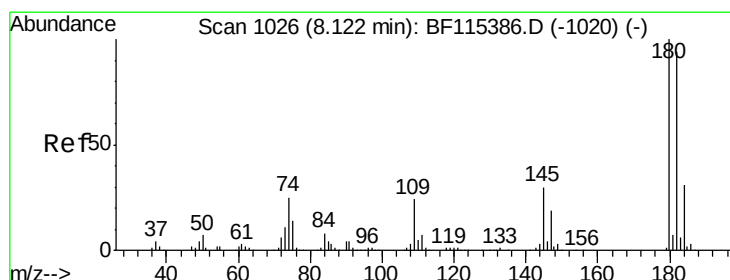
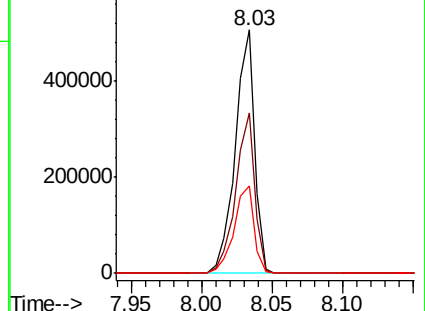
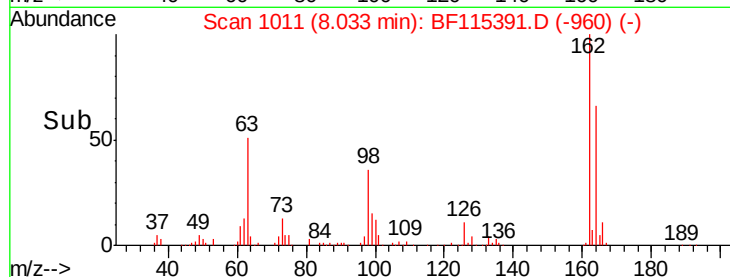
98 35.7 15.0 55.0



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: 39.160 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

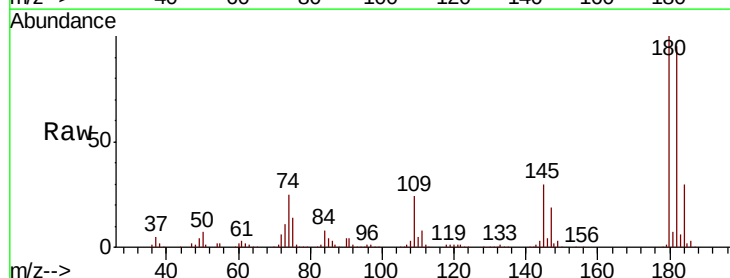
Tgt Ion:180 Resp: 535134

Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

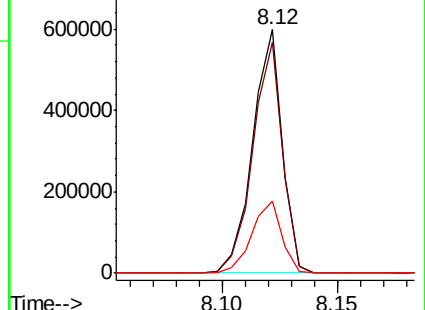
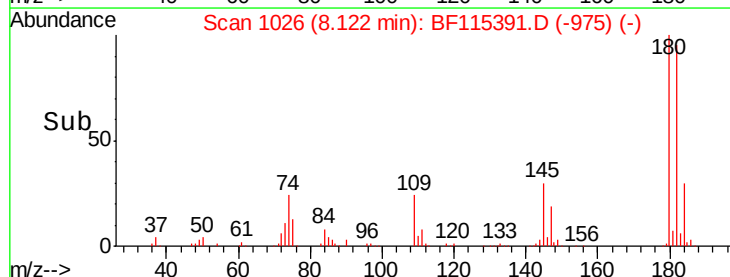
145 29.5 23.8 35.6

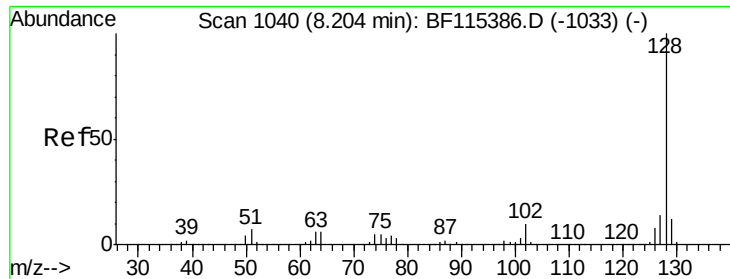


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

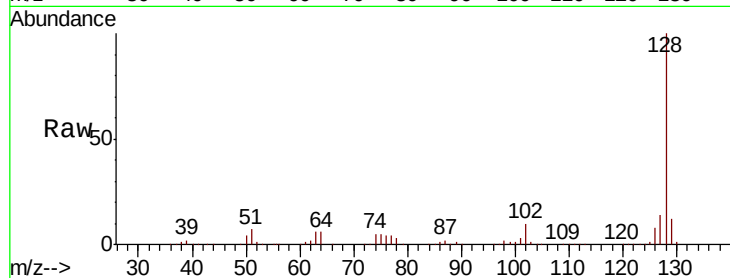




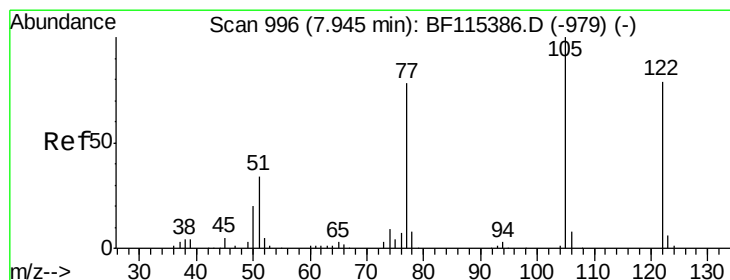
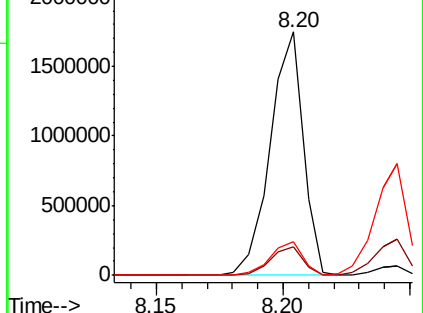
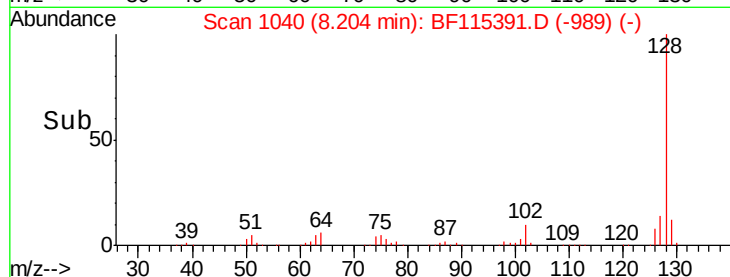
#31
Naphthalene
Concen: 38.521 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:128 Resp: 1573644
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 14.0 11.2 16.8

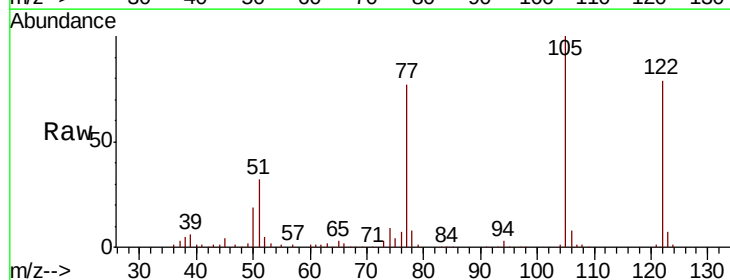


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

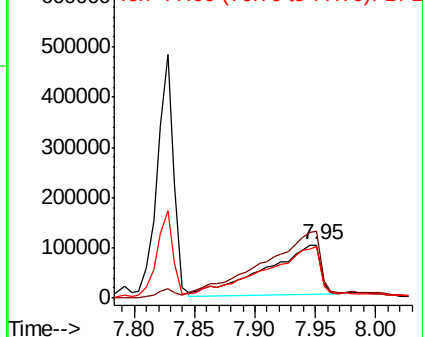
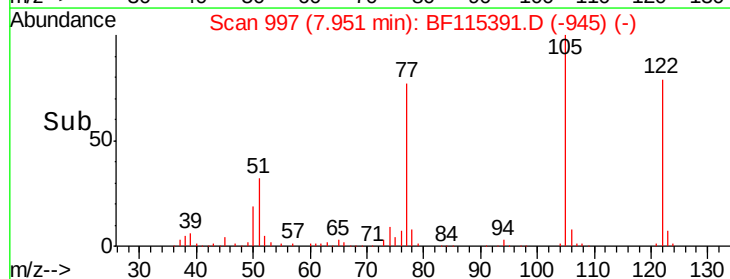


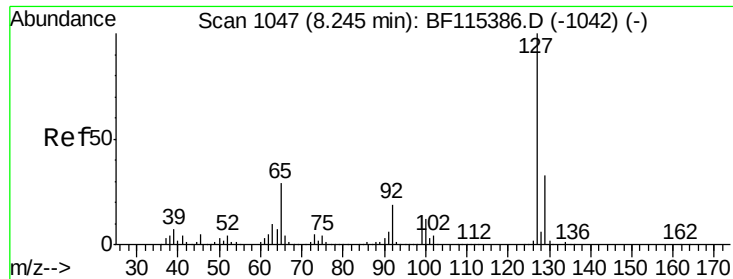
#32
Benzoic acid
Concen: 36.559 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:122 Resp: 313446
Ion Ratio Lower Upper
122 100
105 126.1 105.1 145.1
77 96.5 77.8 117.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

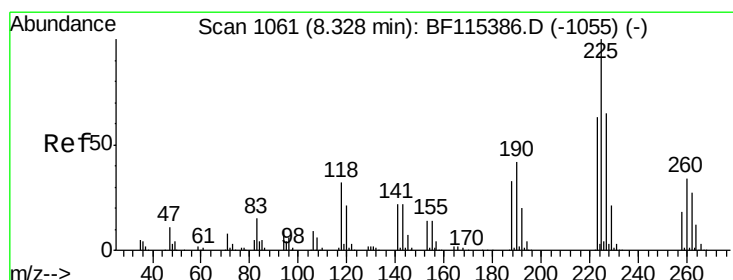
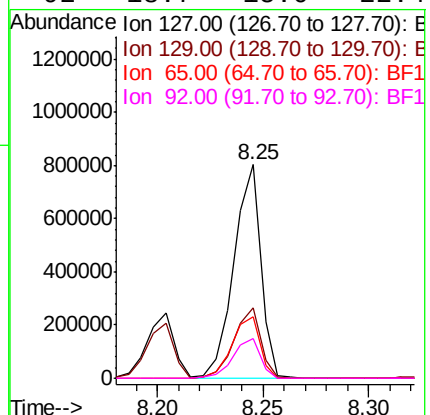
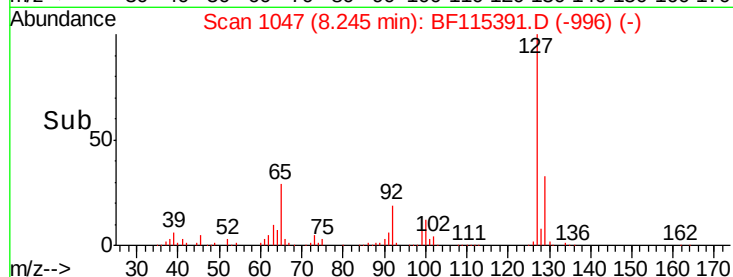
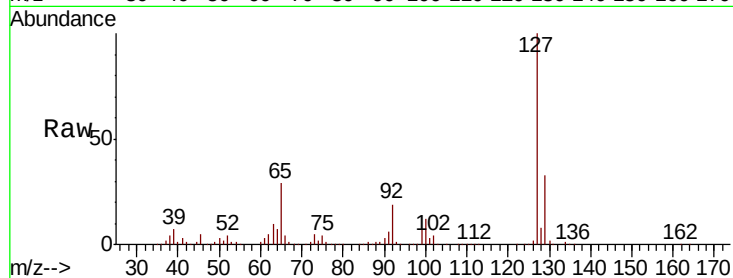




#33
4-Chloroaniline
Concen: 38.503 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

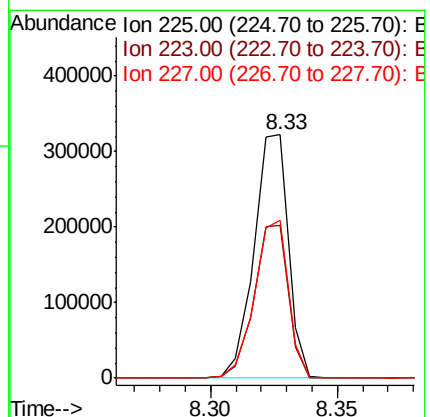
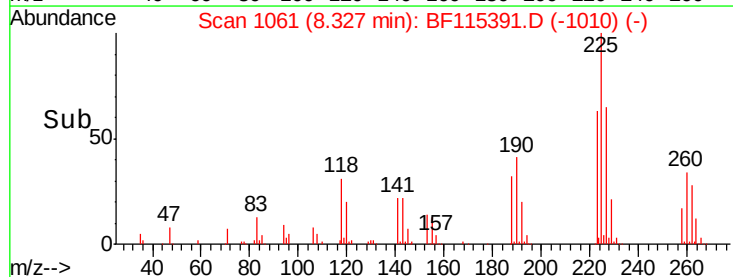
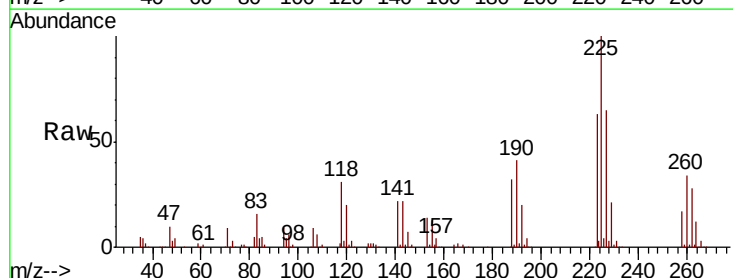
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

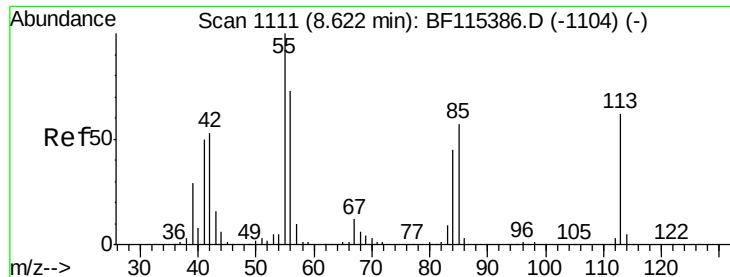
Tot Ion:	127	Resp:	701792
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.5	39.7
65	29.0	23.3	34.9
92	18.7	15.0	22.4



#34
Hexachlorobutadiene
Concen: 39.465 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:	225	Resp:	305846
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	64.7	52.1	78.1

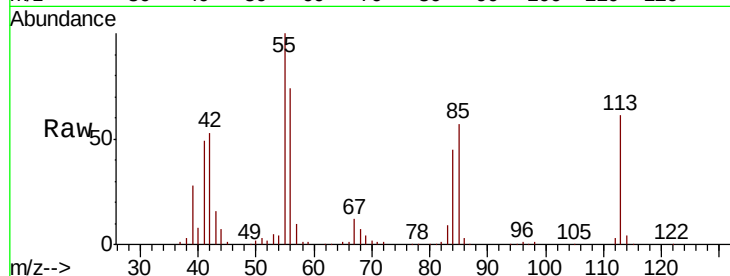




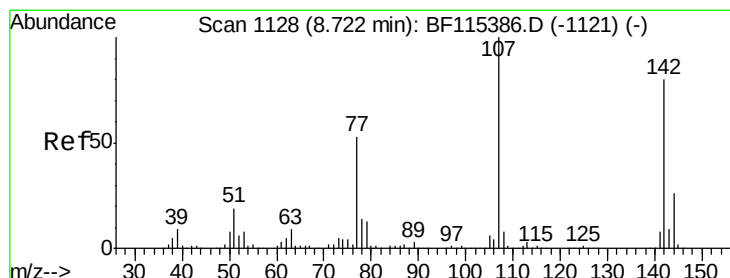
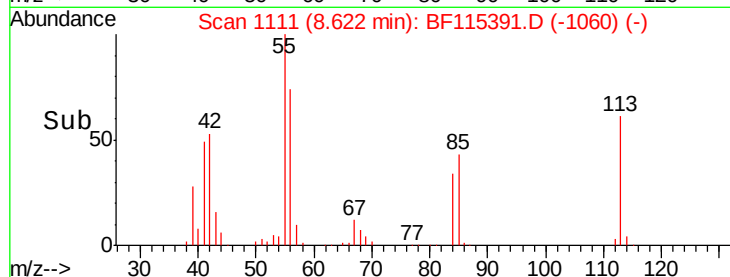
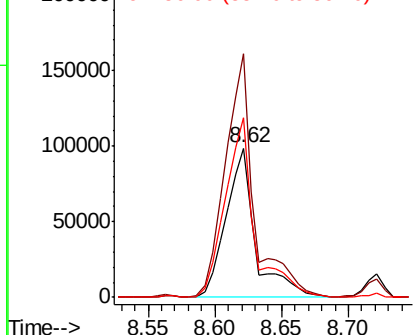
#35
Caprolactam
Concen: 38.092 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:113 Resp: 152288
Ion Ratio Lower Upper
113 100
55 163.0 141.9 181.9
56 120.5 98.7 138.7

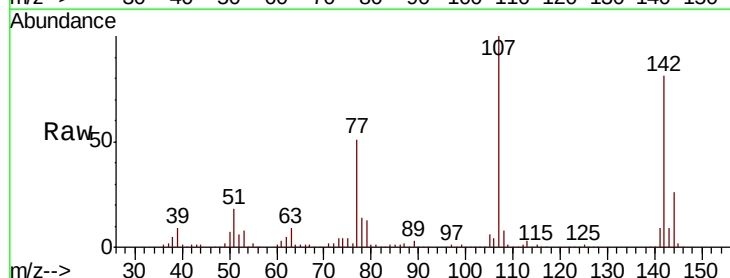


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

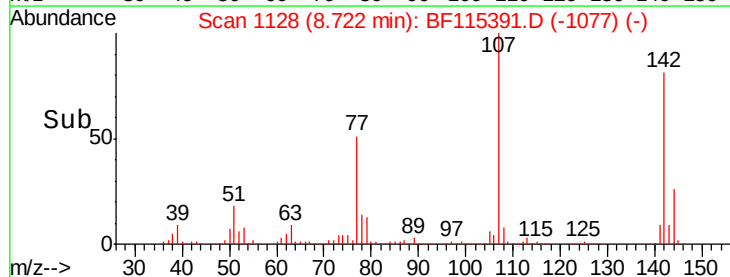
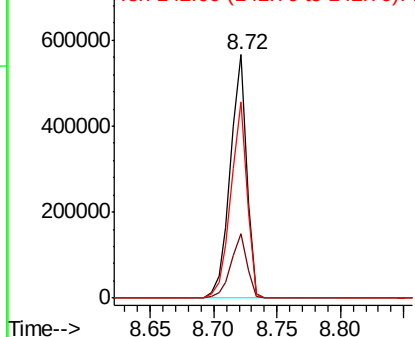


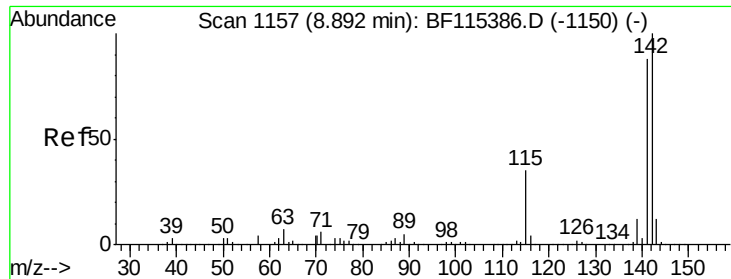
#36
4-Chloro-3-methylphenol
Concen: 38.909 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:107 Resp: 505194
Ion Ratio Lower Upper
107 100
144 26.2 20.8 31.2
142 80.7 64.0 96.0



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

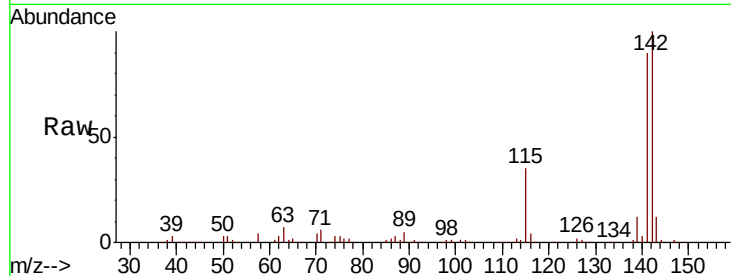




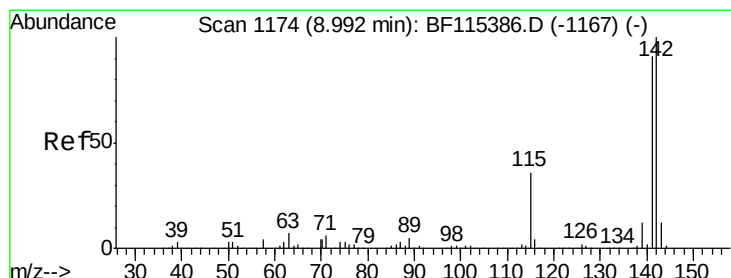
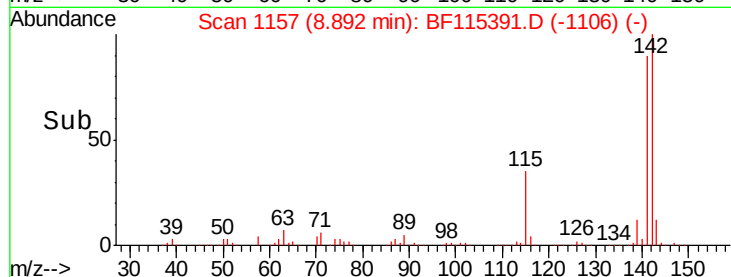
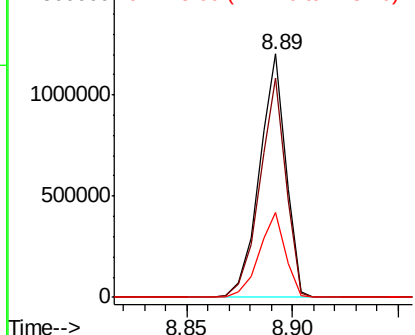
#37
2-Methylnaphthalene
Concen: 38.282 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:142 Resp: 1045303
Ion Ratio Lower Upper
142 100
141 90.1 70.6 106.0
115 34.8 27.8 41.8

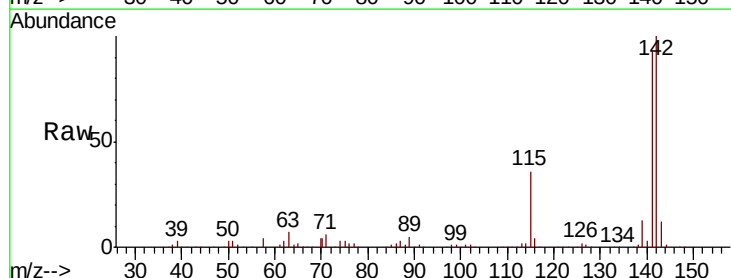


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

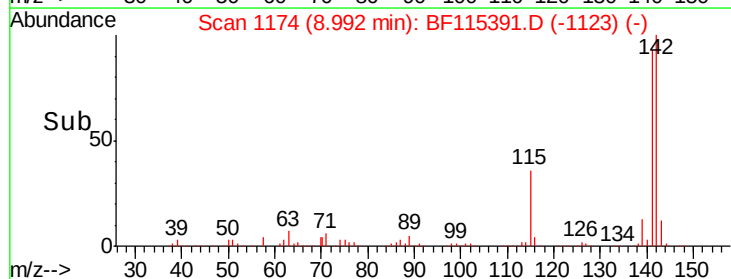
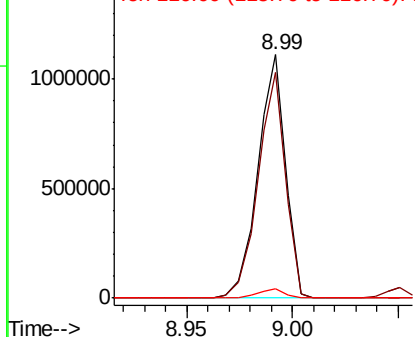


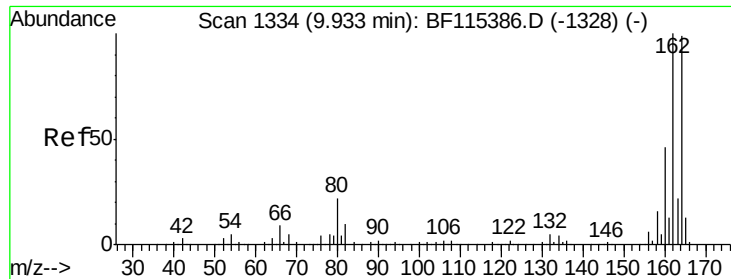
#38
1-Methylnaphthalene
Concen: 38.572 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:142 Resp: 1004902
Ion Ratio Lower Upper
142 100
141 92.9 72.7 109.1
116 3.8 3.0 4.4



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

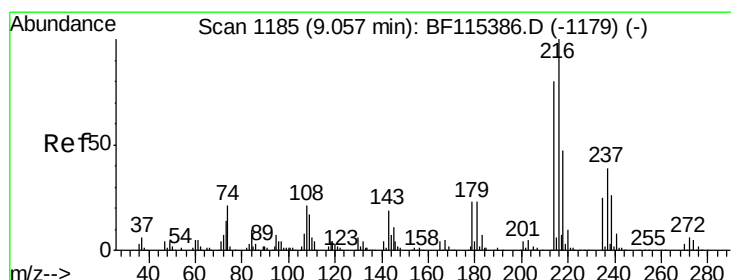
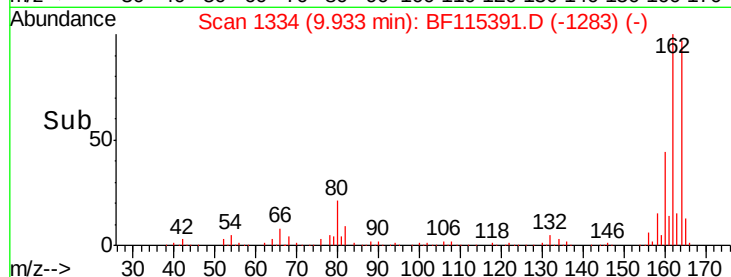
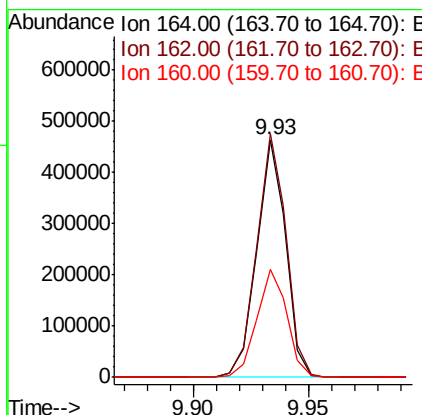
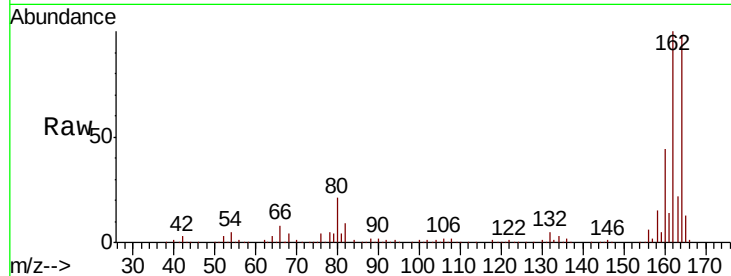




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

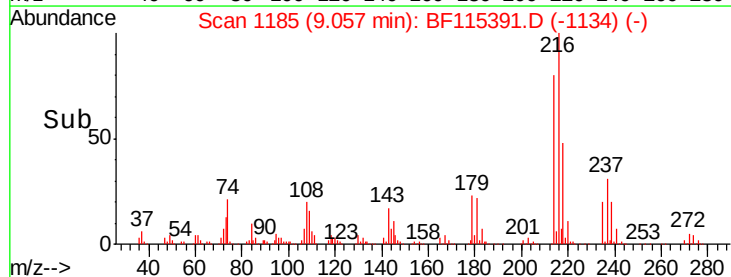
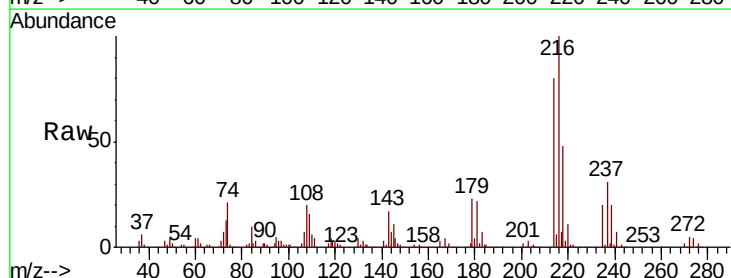
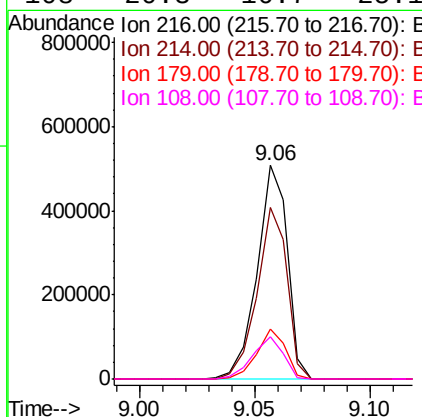
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

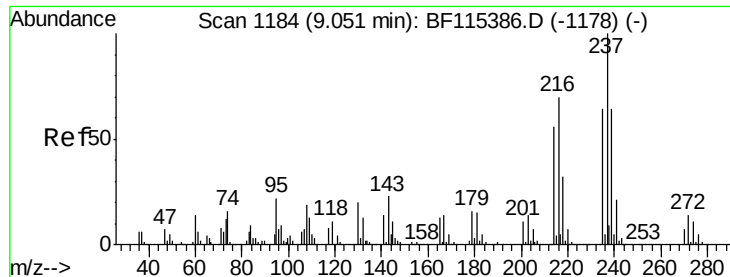
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	45.5	37.0	55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.851 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	22.3	17.8	26.8
108	20.3	16.7	25.1

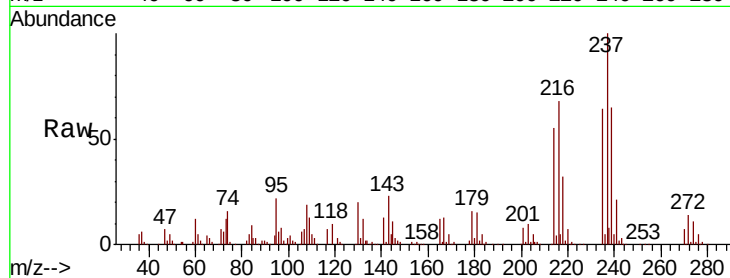




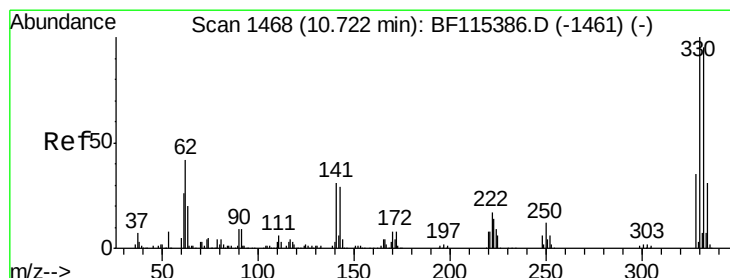
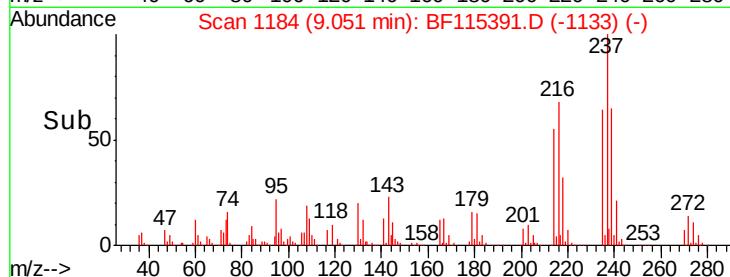
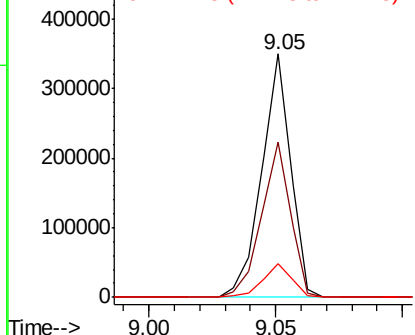
#41
Hexachlorocyclopentadiene
Concen: 41.492 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:237 Resp: 280258
Ion Ratio Lower Upper
237 100
235 63.6 44.4 84.4
272 13.9 0.0 33.7

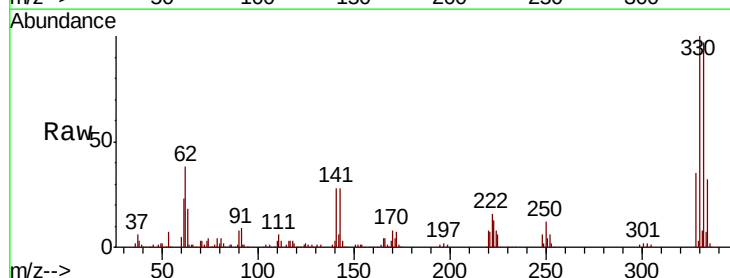


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

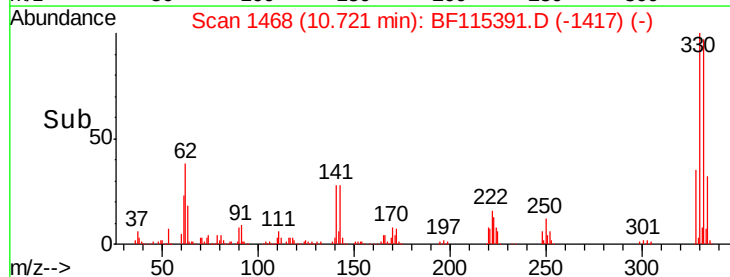
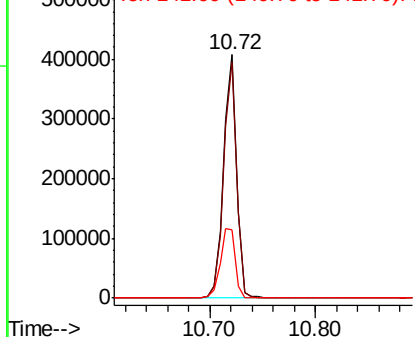


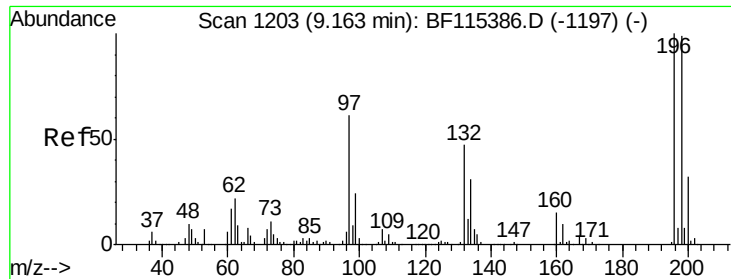
#42
2,4,6-Tribromophenol
Concen: 79.340 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:330 Resp: 355360
Ion Ratio Lower Upper
330 100
332 96.8 76.3 114.5
141 33.0 27.0 40.4



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

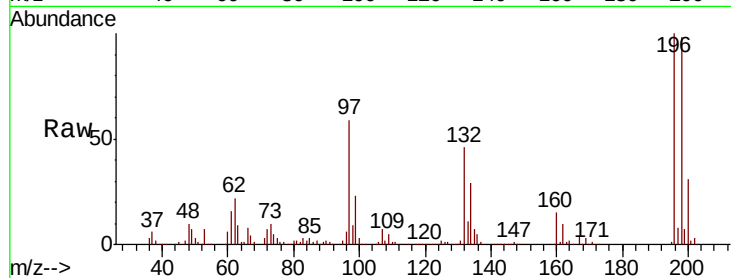




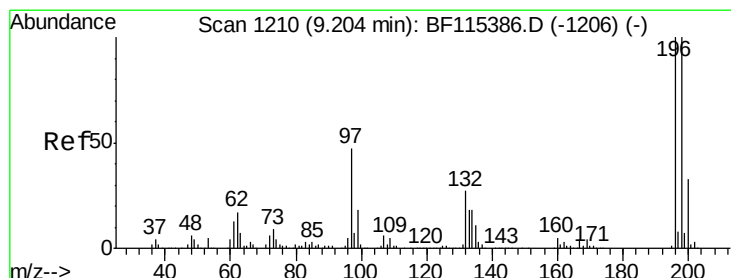
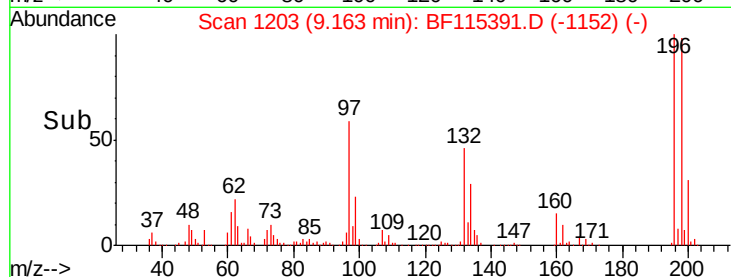
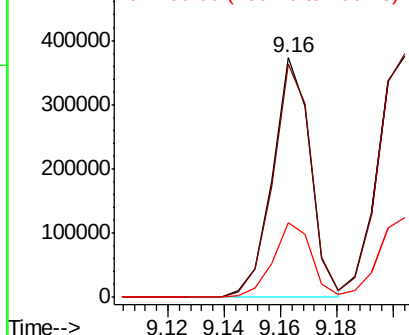
#43
 2,4,6-Trichlorophenol
 Concen: 40.583 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:196 Resp: 344322
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.5 119.3
 200 31.5 25.8 38.8

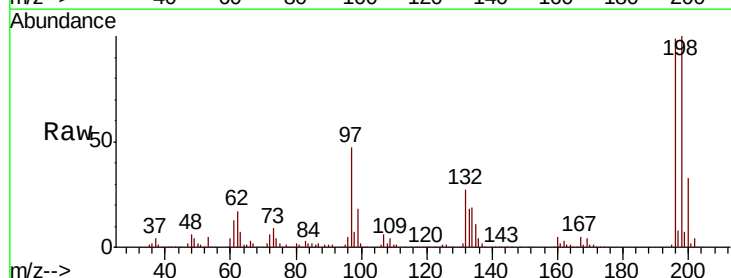


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

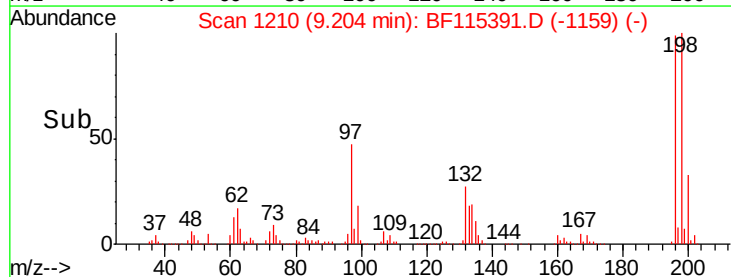
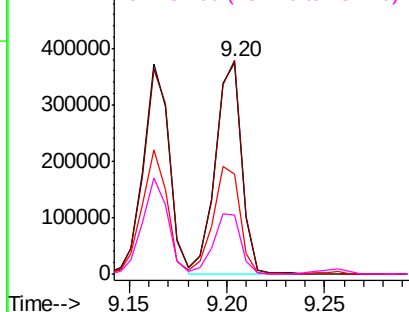


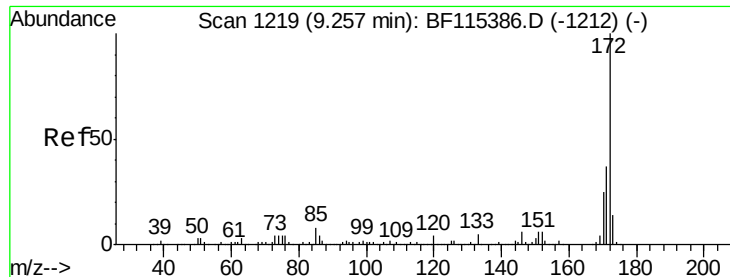
#44
 2,4,5-Trichlorophenol
 Concen: 39.686 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:196 Resp: 349139
 Ion Ratio Lower Upper
 196 100
 198 101.0 80.3 120.5
 97 47.3 38.3 57.5
 132 27.7 22.2 33.2



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

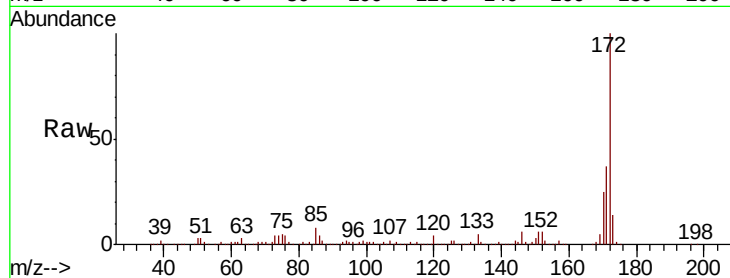




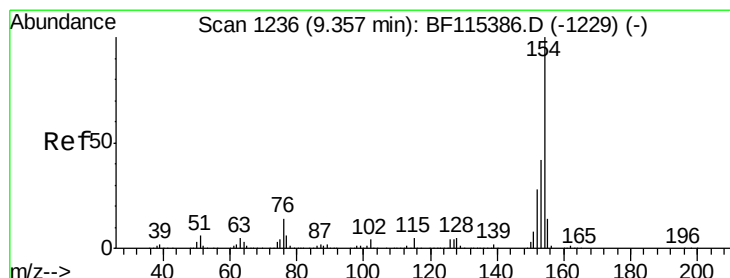
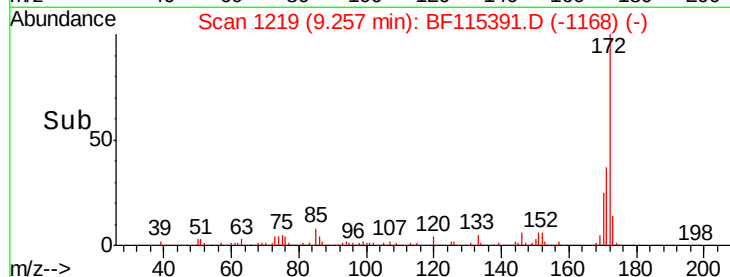
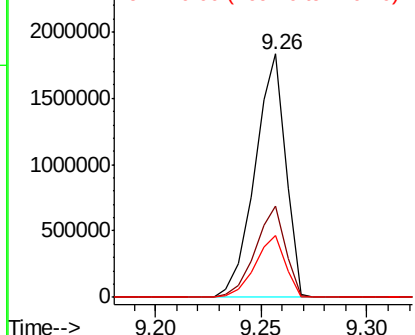
#45
2-Fluorobiphenyl
Concen: 80.236 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:172 Resp: 1852276
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.8
170 25.5 20.2 30.4

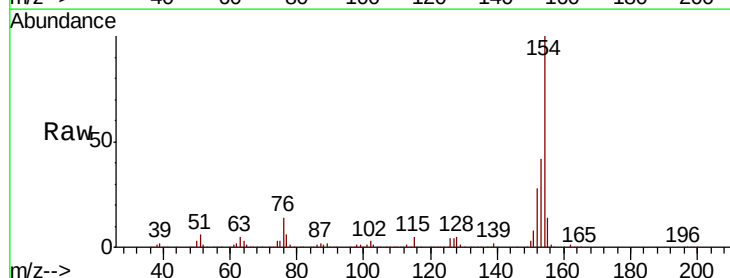


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

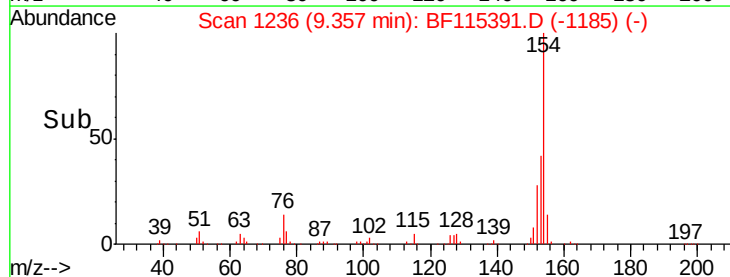
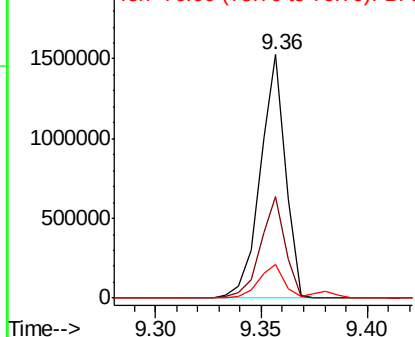


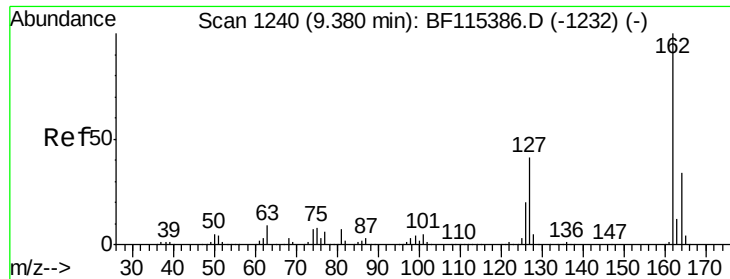
#46
1,1'-Biphenyl
Concen: 39.535 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:154 Resp: 1259032
Ion Ratio Lower Upper
154 100
153 41.5 21.9 61.9
76 14.1 0.0 34.3



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

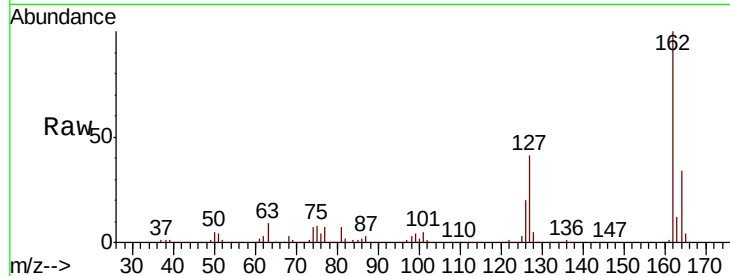




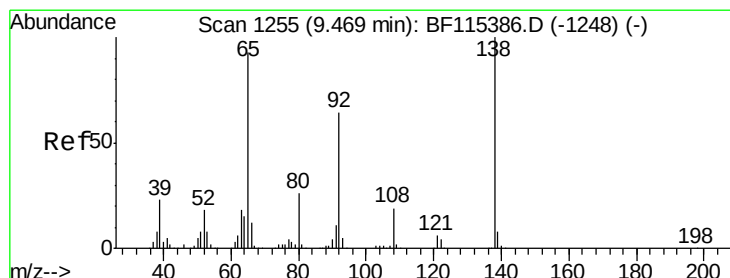
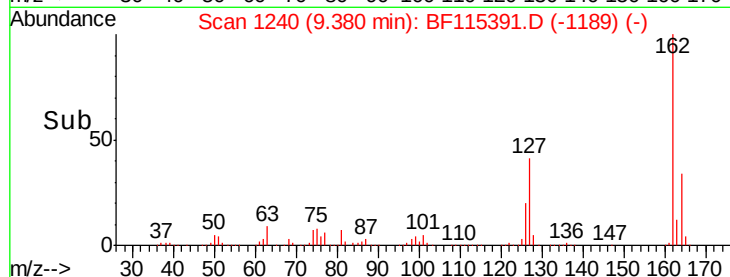
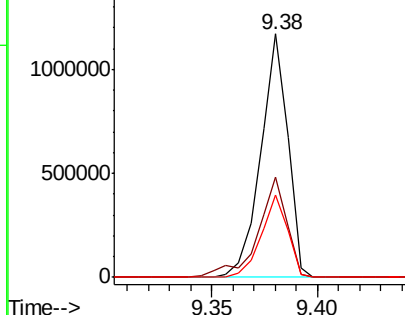
#47
 2-Chloronaphthalene
 Concen: 39.499 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:162 Resp: 1039625
 Ion Ratio Lower Upper
 162 100
 127 41.1 32.8 49.2
 164 33.7 27.0 40.6

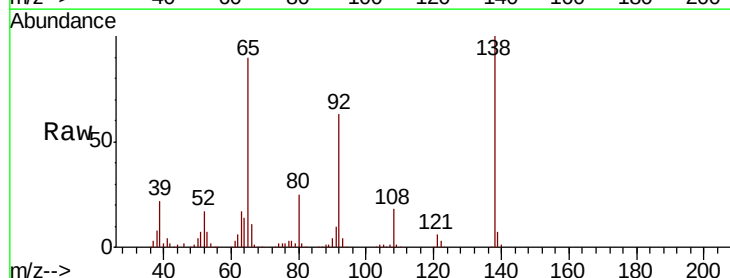


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

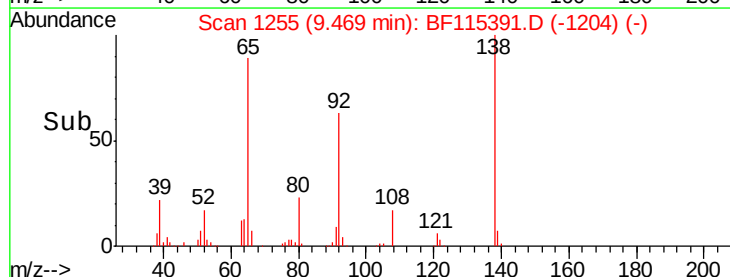
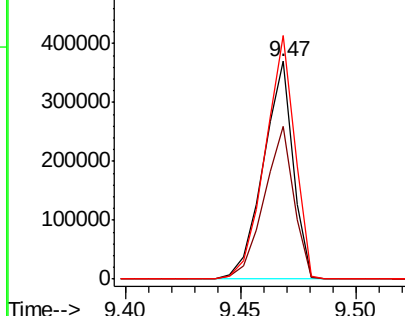


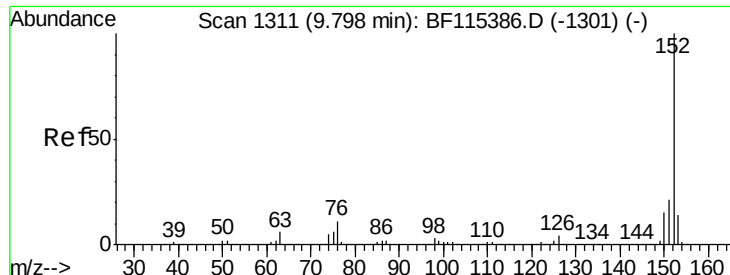
#48
 2-Nitroaniline
 Concen: 42.960 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion: 65 Resp: 332206
 Ion Ratio Lower Upper
 65 100
 92 70.0 55.4 83.0
 138 111.7 85.8 128.8



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: 38.792 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

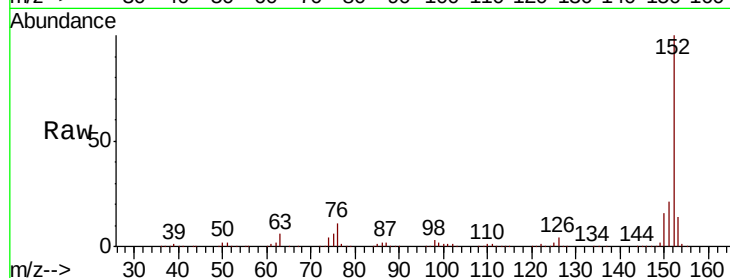
Tot Ion:152 Resp: 1545871

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

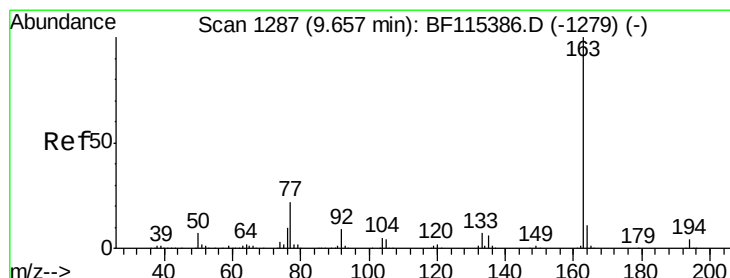
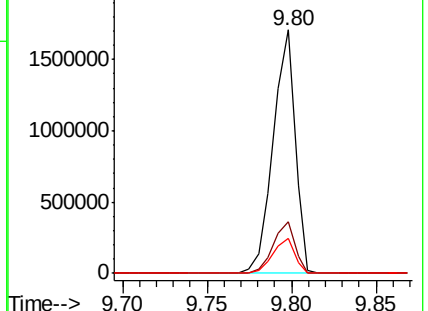
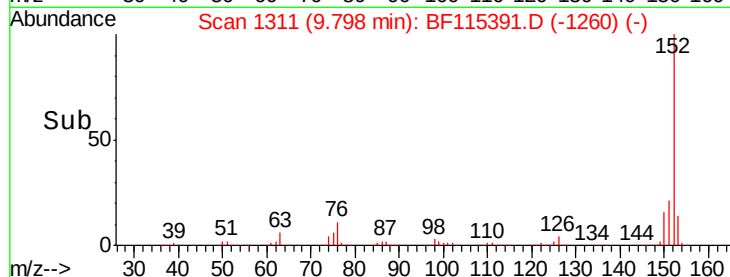
153 14.2 11.4 17.2



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: 38.582 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

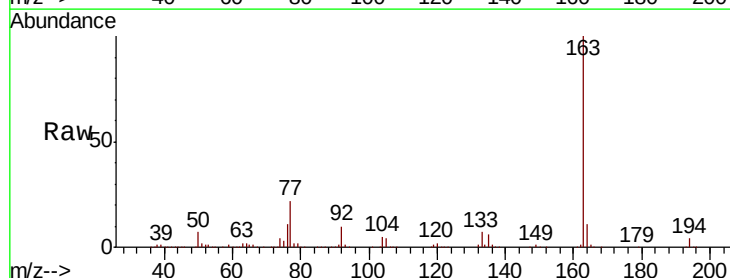
Tgt Ion:163 Resp: 1173083

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

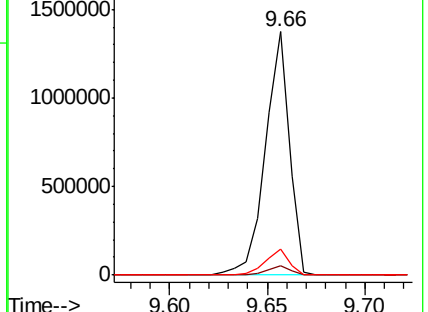
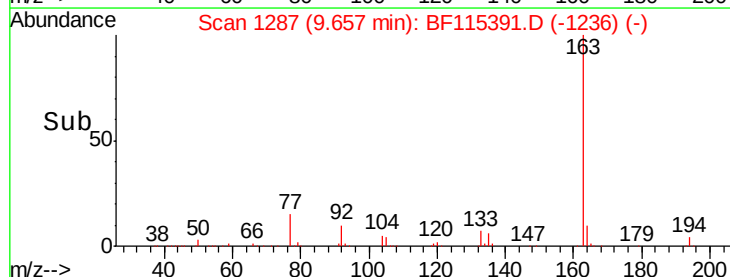
164 10.5 8.5 12.7

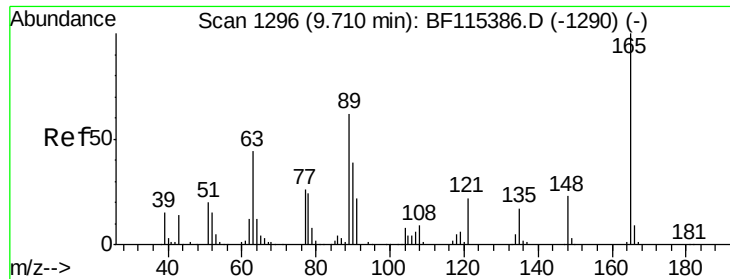


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

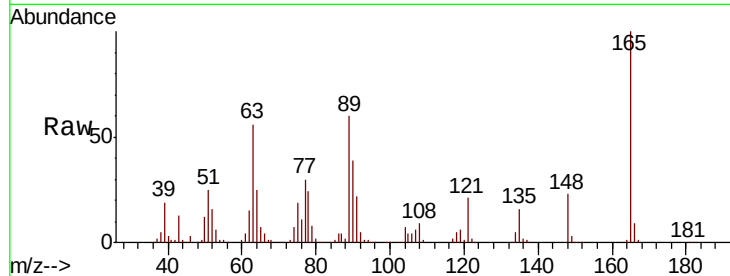




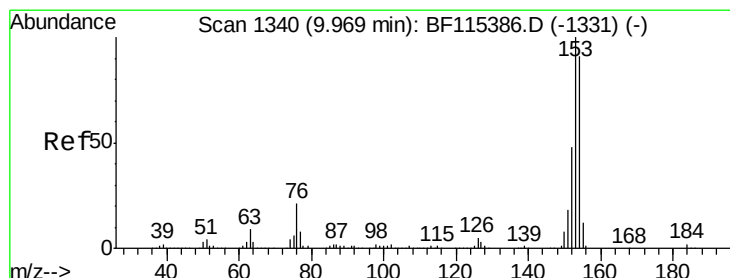
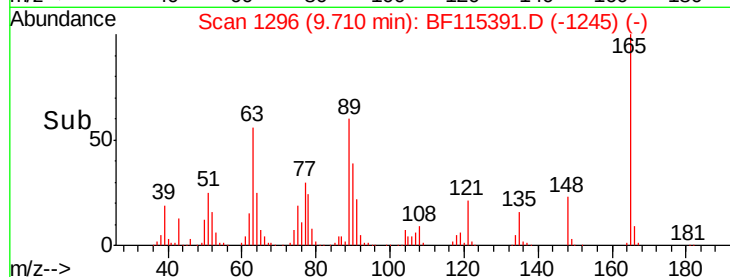
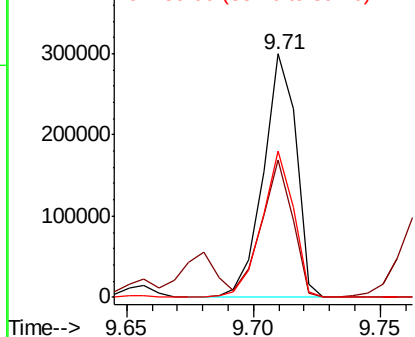
#51
2,6-Dinitrotoluene
Concen: 40.702 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:165 Resp: 268394
Ion Ratio Lower Upper
165 100
63 56.2 45.8 68.6
89 60.4 49.9 74.9

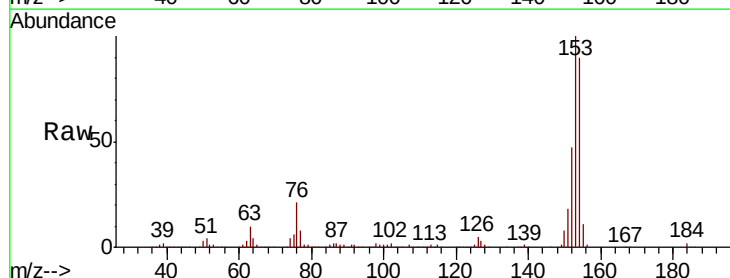


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

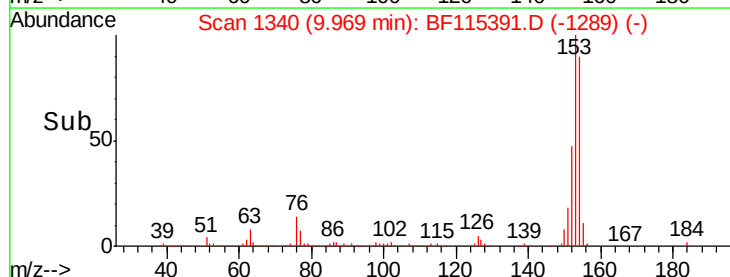
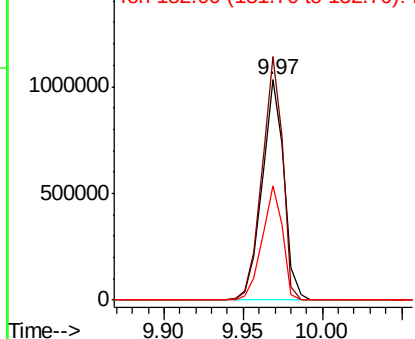


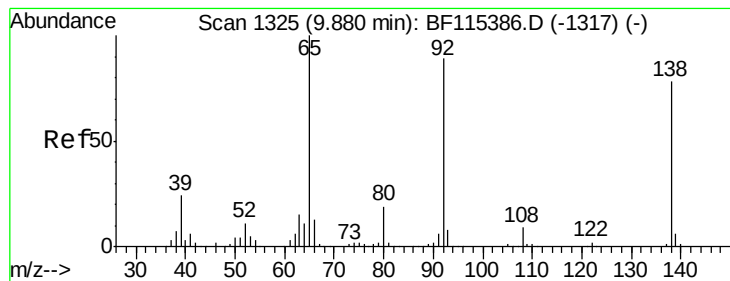
#52
Acenaphthene
Concen: 39.767 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:154 Resp: 997354
Ion Ratio Lower Upper
154 100
153 110.7 87.9 131.9
152 51.9 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.985 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

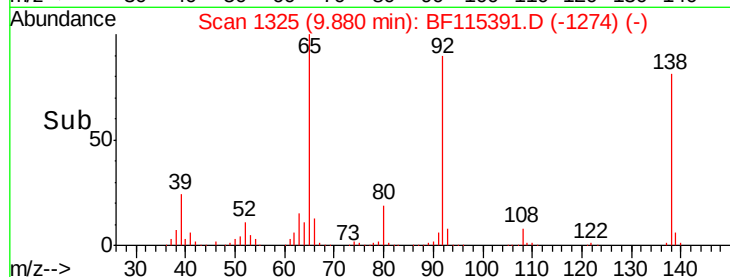
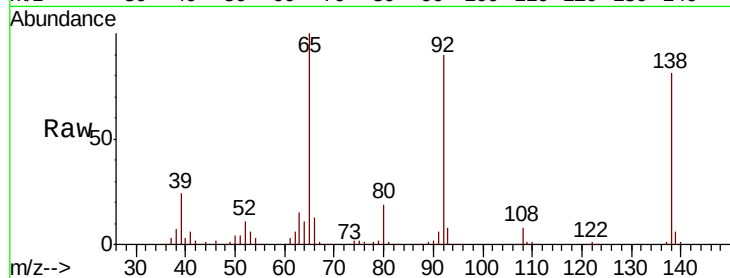
Tot Ion:138 Resp: 313894

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.4

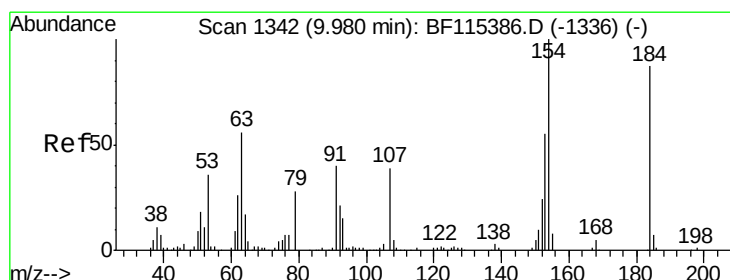
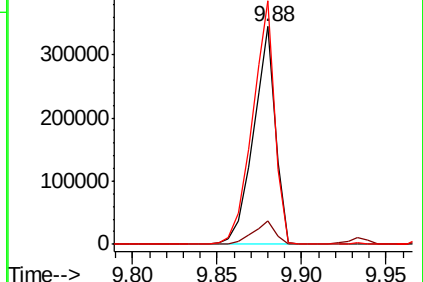
92 111.7 90.5 135.7



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: 45.967 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

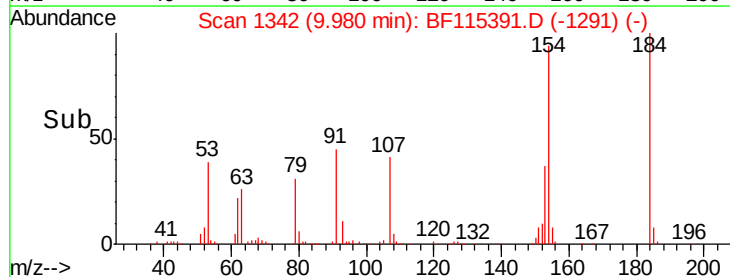
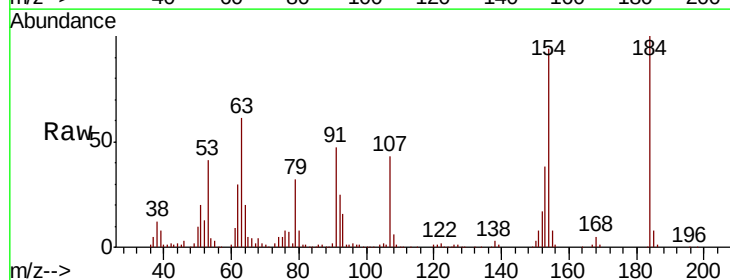
Tgt Ion:184 Resp: 117465

Ion Ratio Lower Upper

184 100

63 60.6 52.1 78.1

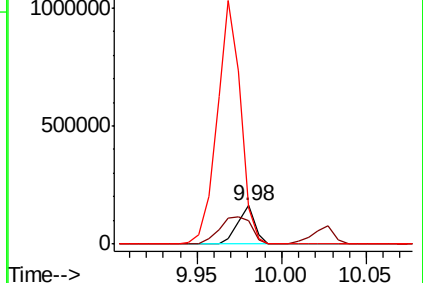
154 93.9 97.7 146.5#

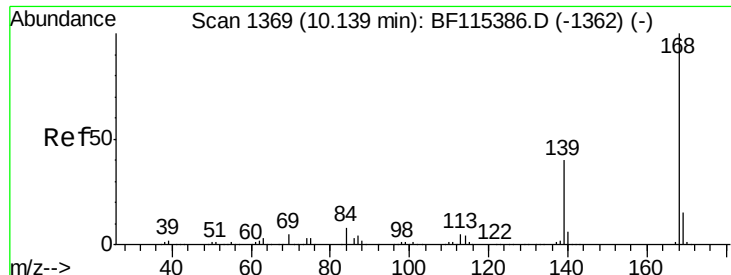


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.765 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

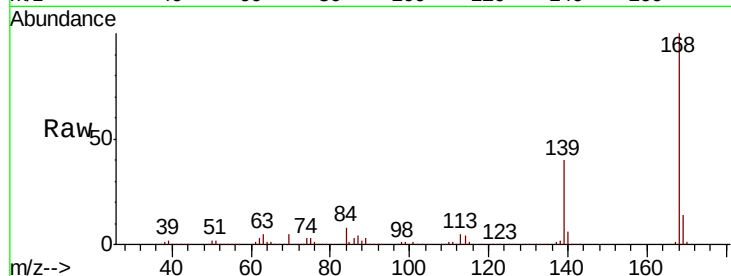
Tot Ion:168 Resp: 1369515

Ion Ratio Lower Upper

168 100

139 40.0 32.2 48.2

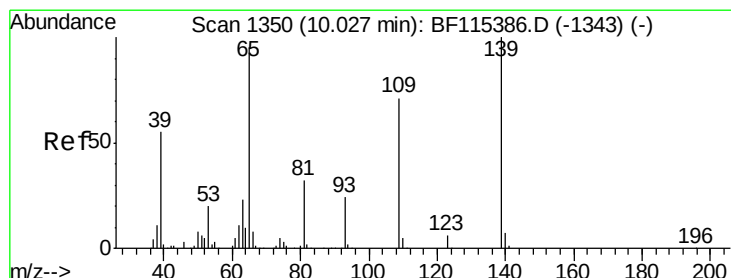
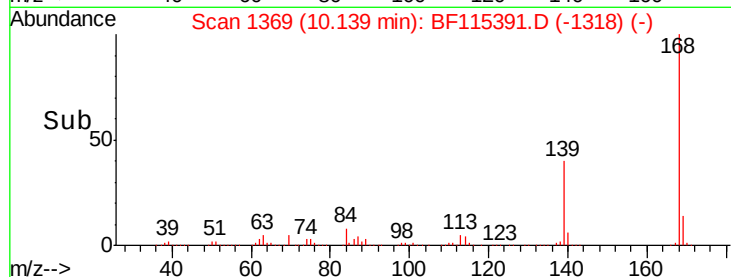
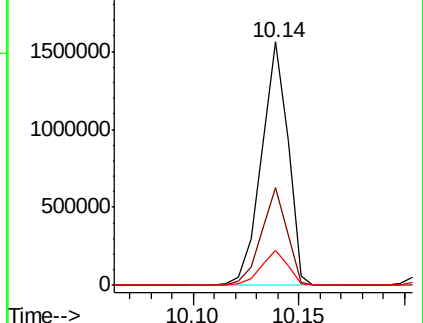
169 14.2 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 42.392 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

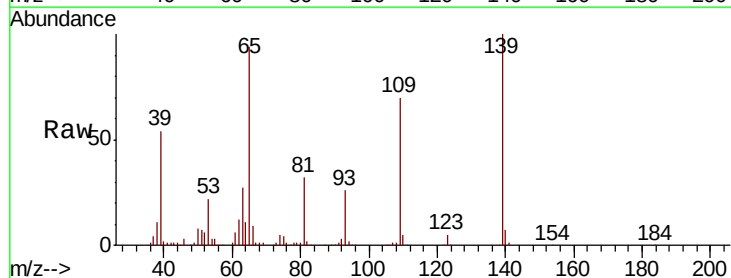
Tgt Ion:139 Resp: 251191

Ion Ratio Lower Upper

139 100

109 69.6 51.1 91.1

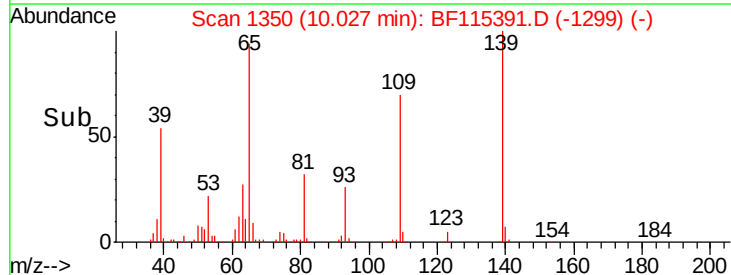
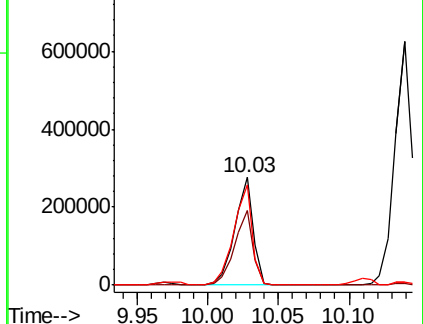
65 93.7 75.2 115.2

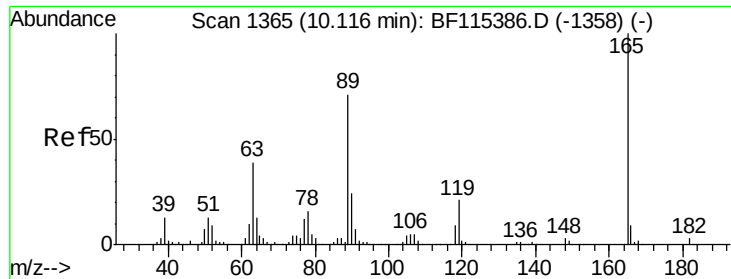


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

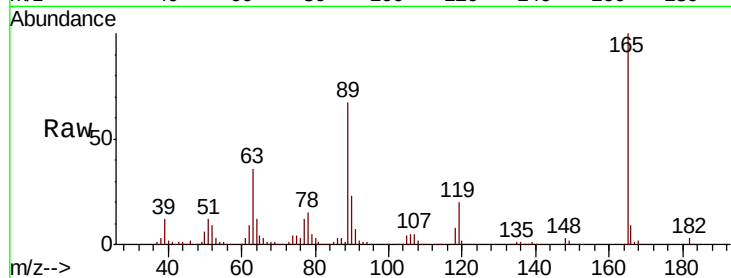




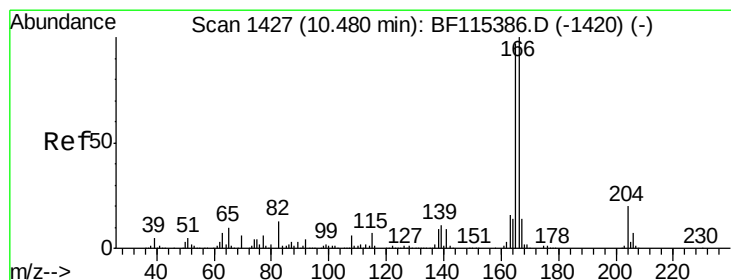
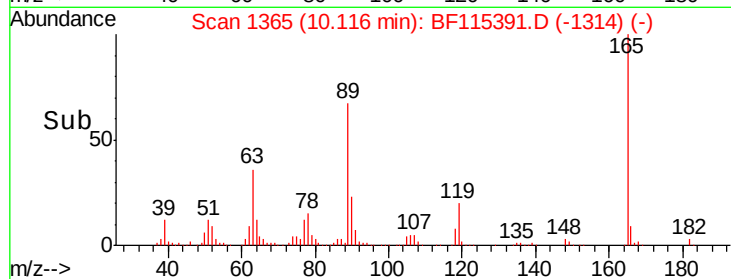
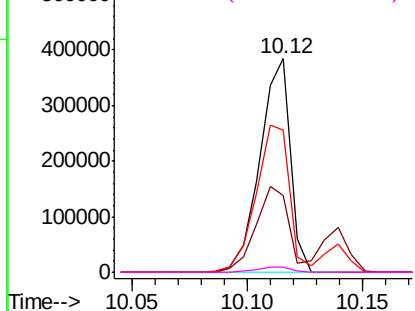
#57
2,4-Dinitrotoluene
Concen: 42.159 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:165	Resp: 353307
Ion Ratio	Lower Upper
165 100	
63 36.0	31.4 47.0
89 66.7	57.1 85.7
182 2.5	2.2 3.2

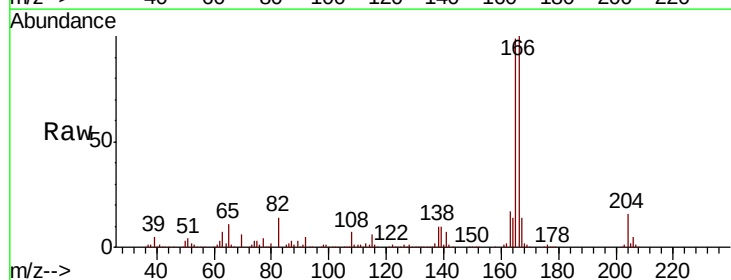


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

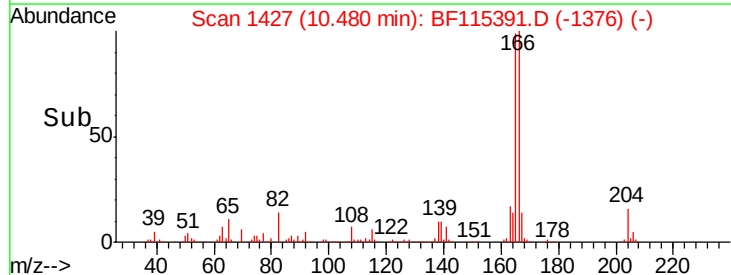
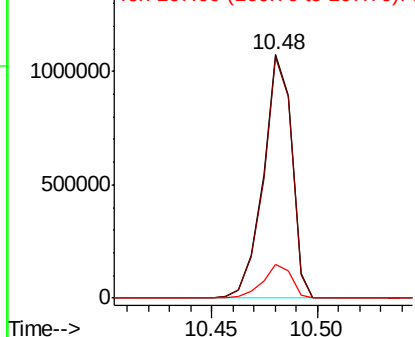


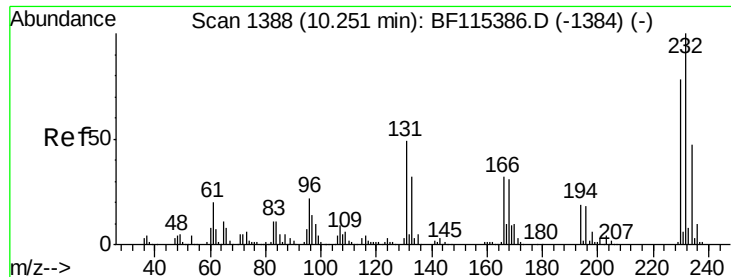
#58
Fluorene
Concen: 36.200 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt	Ion:166	Resp:	1008166
Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	14.1	11.0	16.6



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

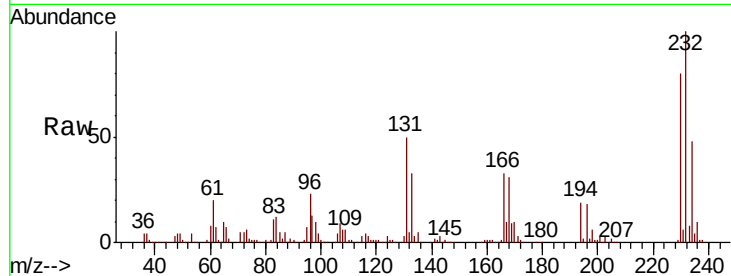




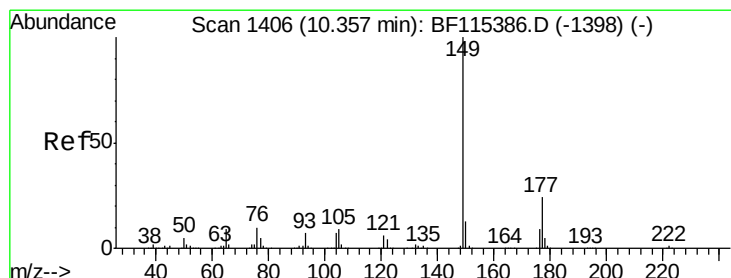
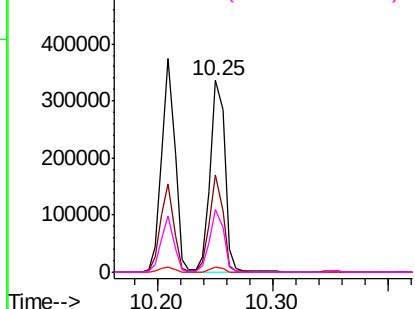
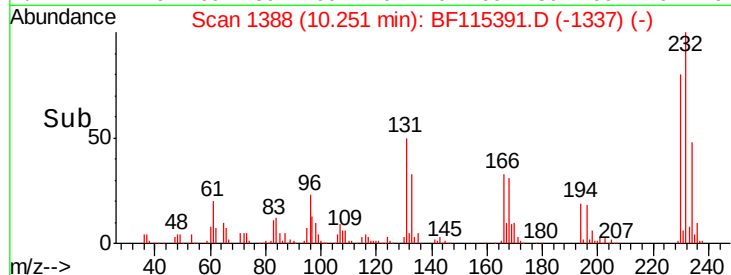
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.512 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:232 Resp: 300289
 Ion Ratio Lower Upper
 232 100
 131 46.7 36.6 55.0
 130 2.4 1.8 2.8
 166 31.5 24.6 36.8

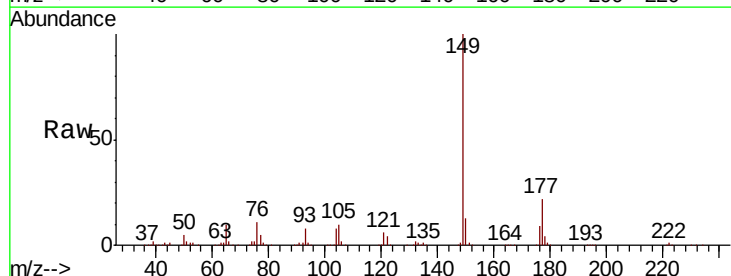


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

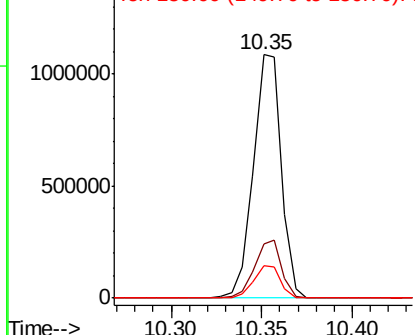
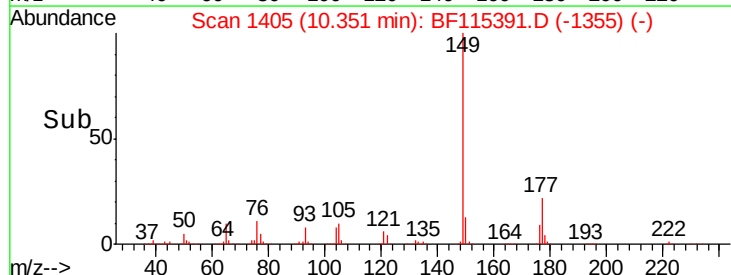


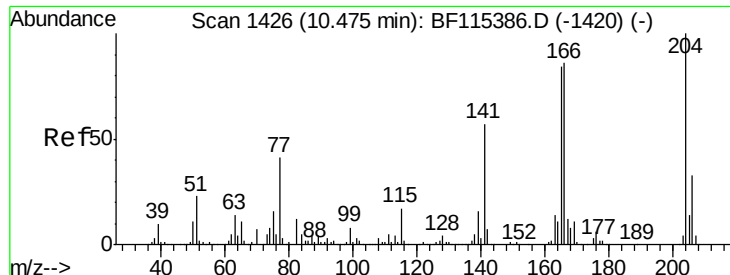
#60
 Diethylphthalate
 Concen: 38.814 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:149 Resp: 1161613
 Ion Ratio Lower Upper
 149 100
 177 22.5 18.8 28.2
 150 13.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

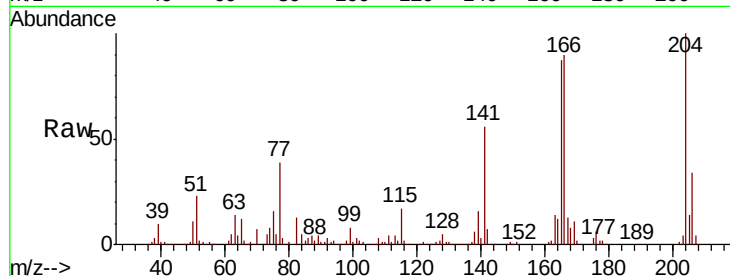




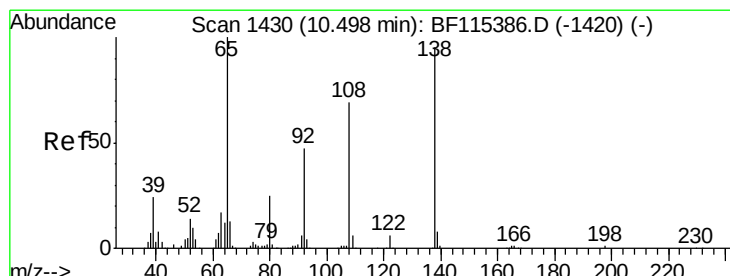
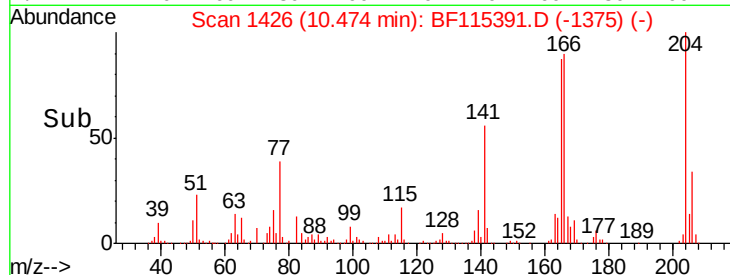
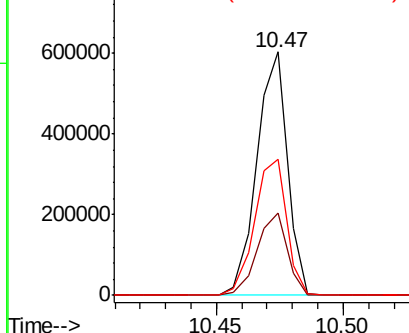
#61
 4-Chlorophenyl-phenylether
 Concen: 37.498 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:	204	Resp:	509698
Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.1	39.1
141	55.9	45.8	68.6

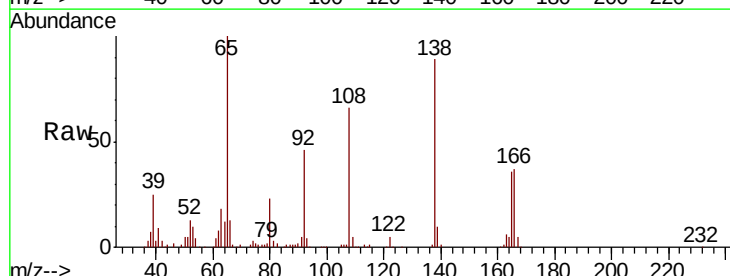


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

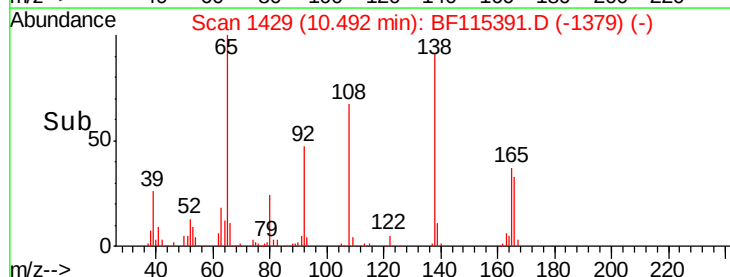
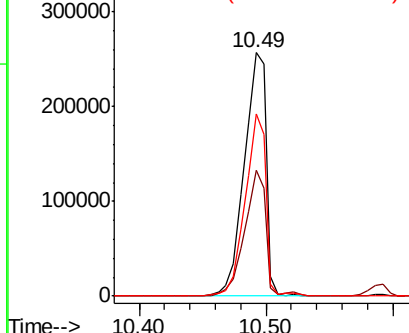


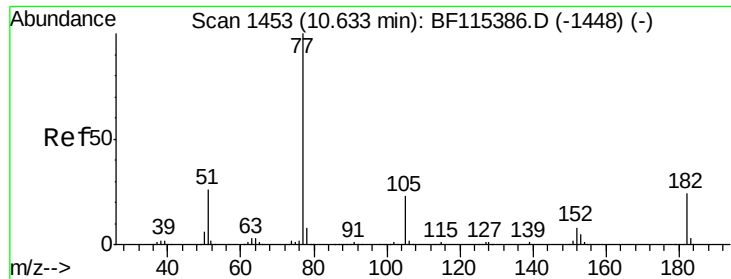
#62
 4-Nitroaniline
 Concen: 40.934 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:	138	Resp:	307726
Ion	Ratio	Lower	Upper
138	100		
92	51.6	29.3	69.3
108	74.6	53.2	93.2



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: 38.435 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

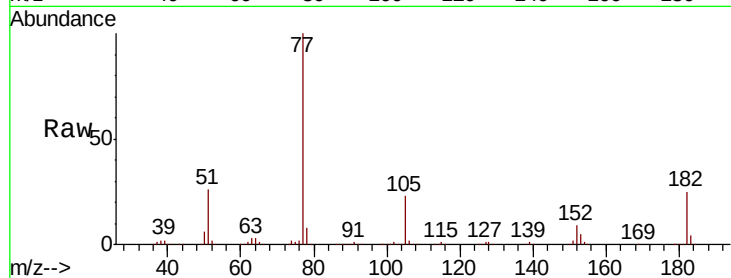
BNA_F

ClientSampleId :

ICVBF070519

Tot Ion: 77 Resp: 1185710

Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.1	44.1
105	23.2	2.6	42.6
51	26.3	6.4	46.4

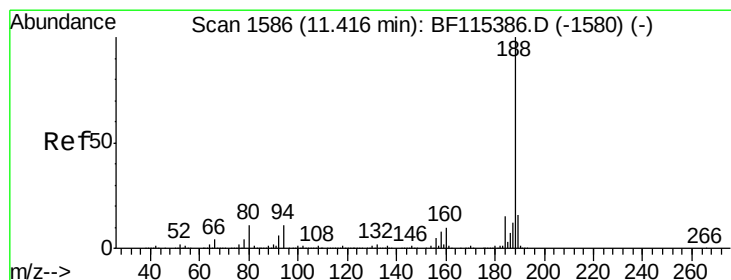
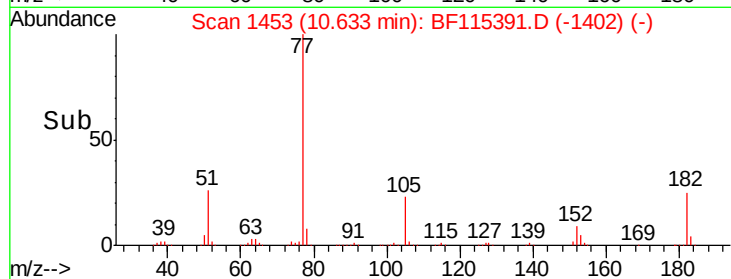
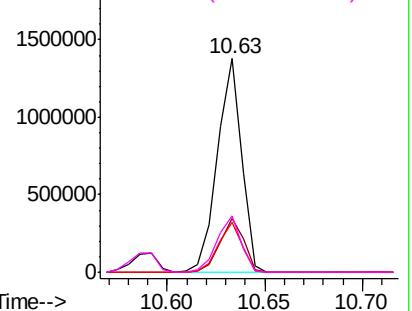


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

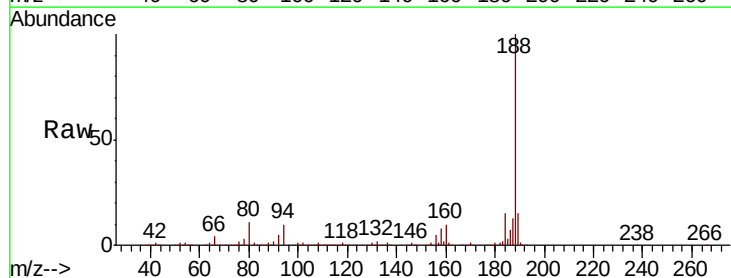
Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Tgt Ion: 188 Resp: 766520

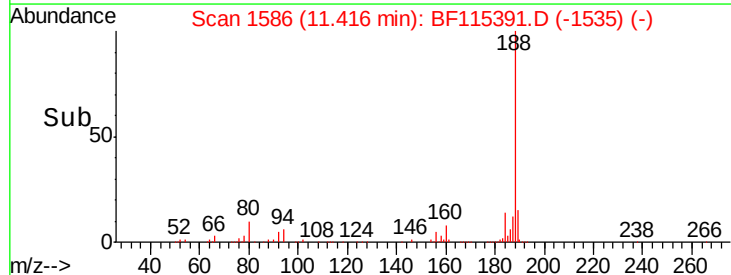
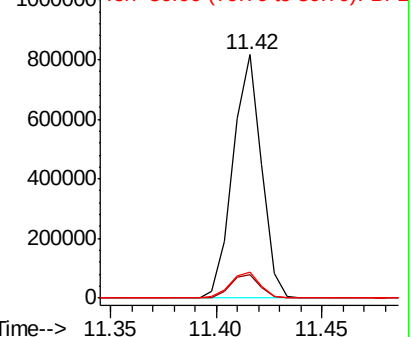
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.6	9.1	13.7

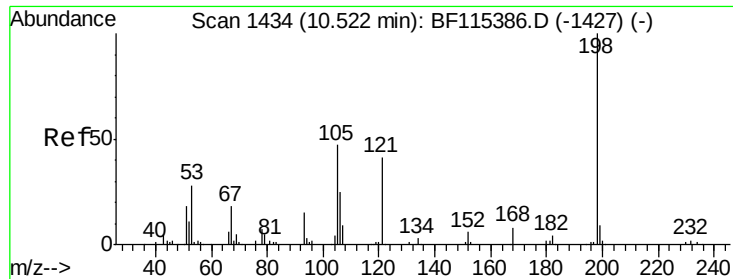


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.237 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

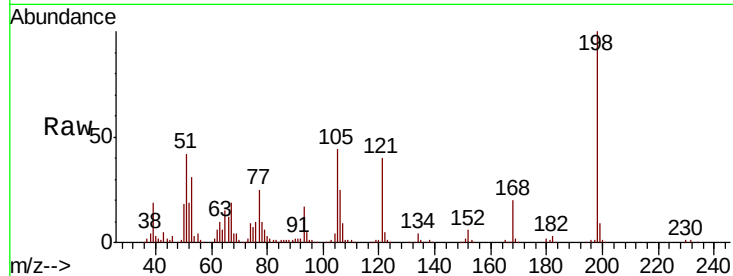
Tot Ion:198 Resp: 164051

Ion Ratio Lower Upper

198 100

51 42.2 25.4 65.4

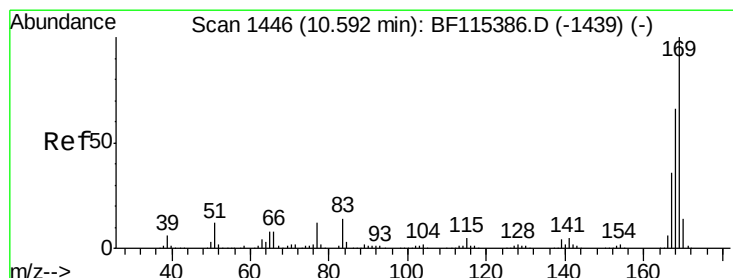
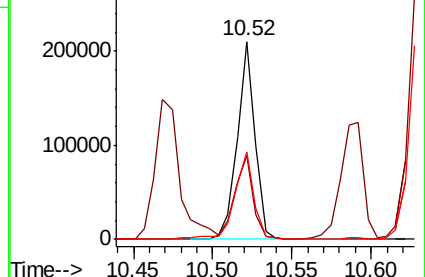
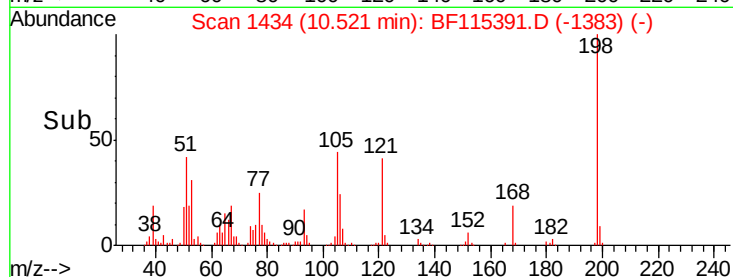
105 44.0 27.9 67.9



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: 39.247 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

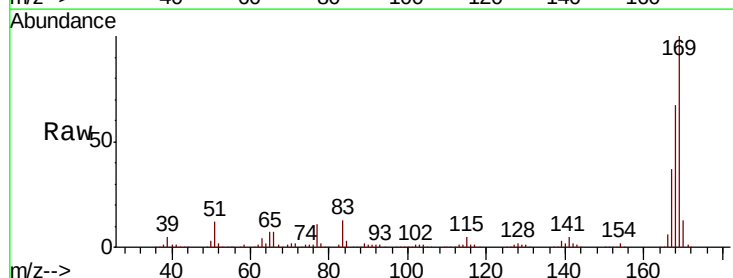
Tgt Ion:169 Resp: 947884

Ion Ratio Lower Upper

169 100

168 66.6 52.6 79.0

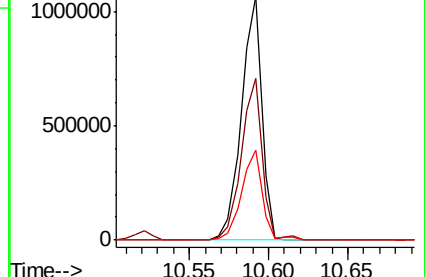
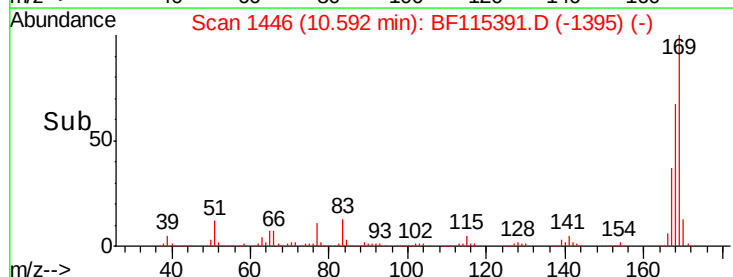
167 36.9 29.2 43.8

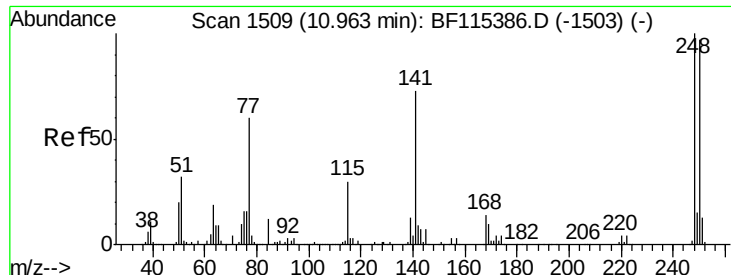


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

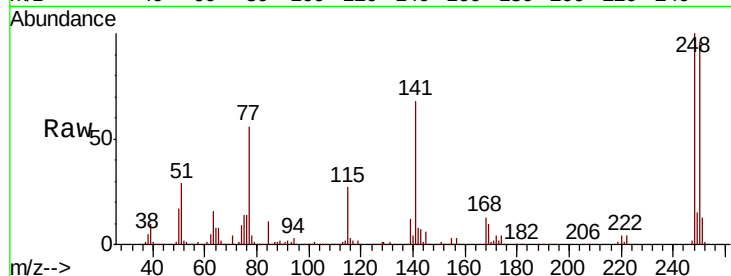




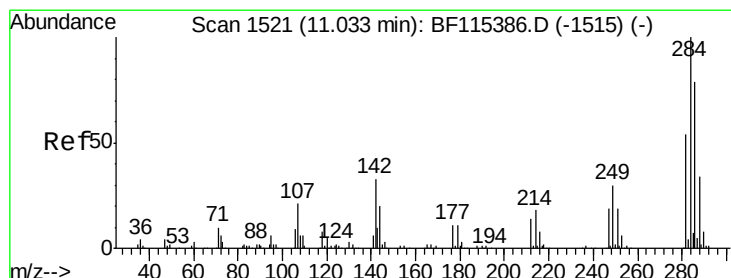
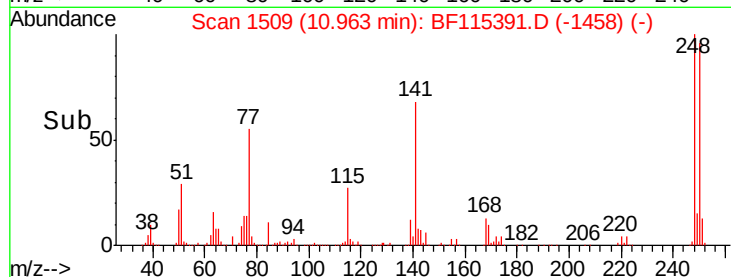
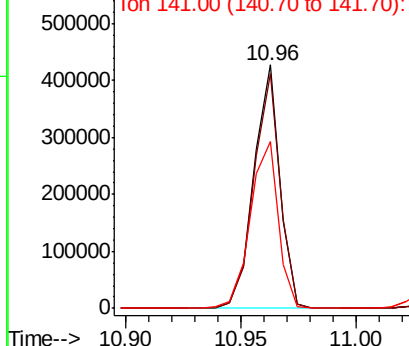
#67
 4-Bromophenyl-phenylether
 Concen: 39.279 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:248 Resp: 337836
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.3 115.9
 141 68.4 58.5 87.7

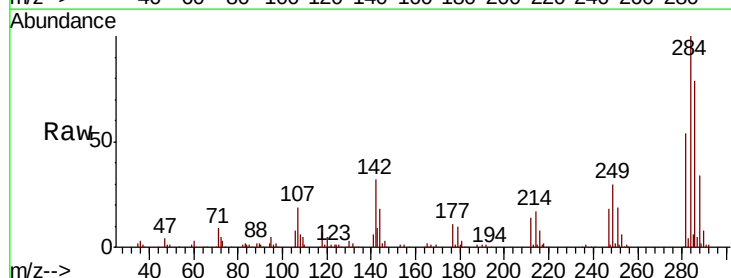


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

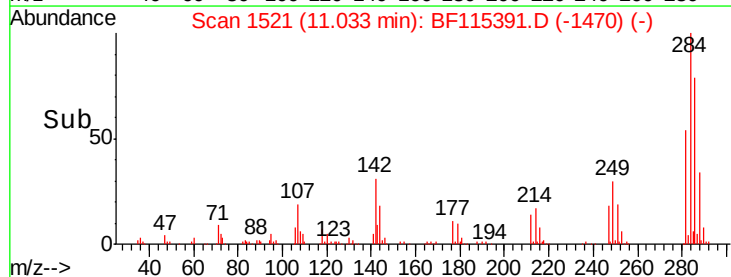
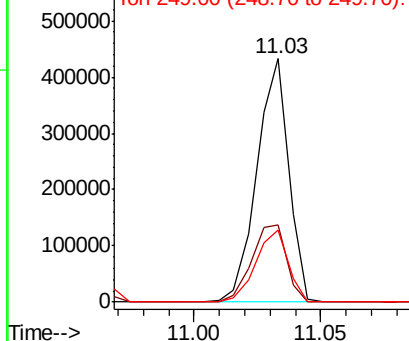


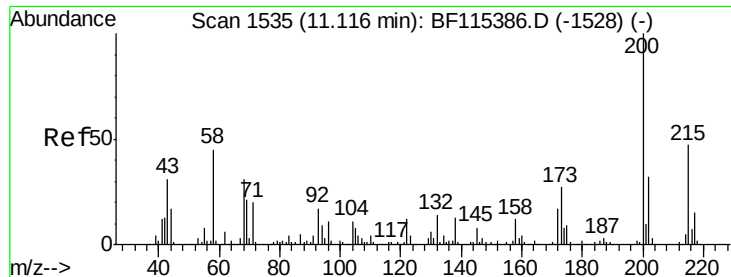
#68
 Hexachlorobenzene
 Concen: 39.472 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:284 Resp: 380958
 Ion Ratio Lower Upper
 284 100
 142 31.6 26.5 39.7
 249 29.5 24.2 36.2



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: 40.852 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

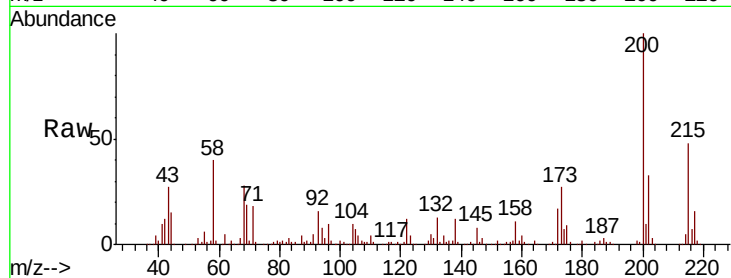
Tot Ion:200 Resp: 305345

Ion Ratio Lower Upper

200 100

173 27.3 7.1 47.1

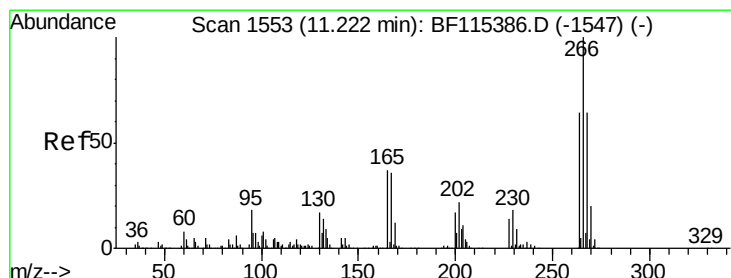
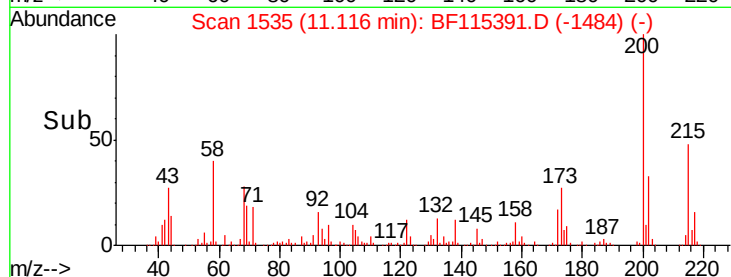
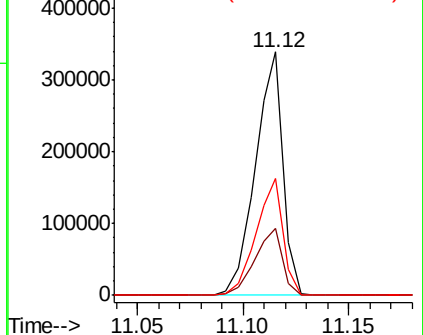
215 48.1 27.5 67.5



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: 41.368 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

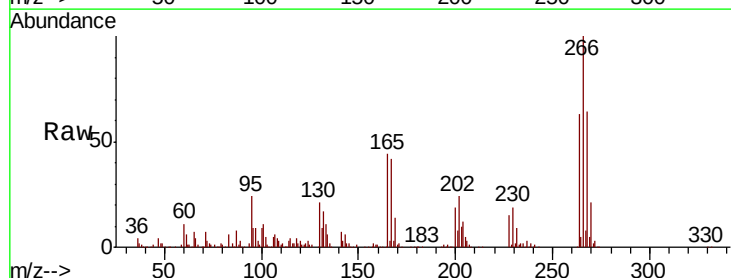
Tgt Ion:266 Resp: 243316

Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

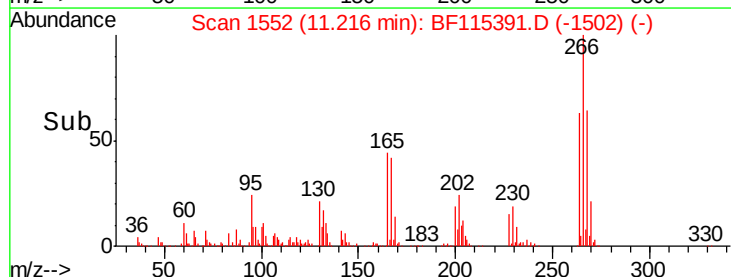
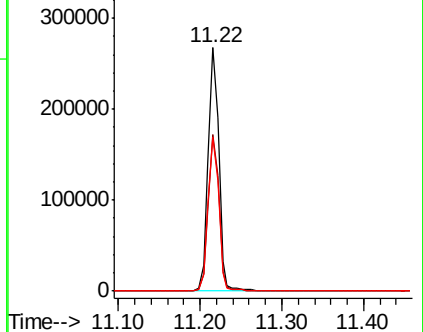
264 63.2 51.6 77.4

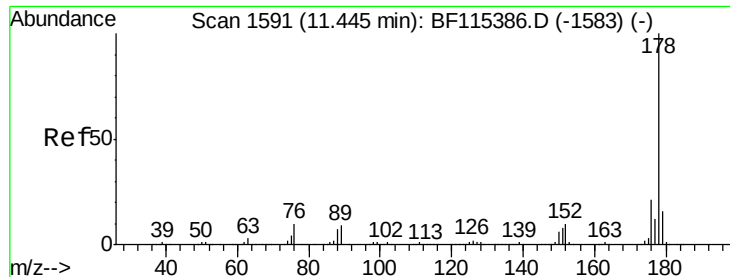


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

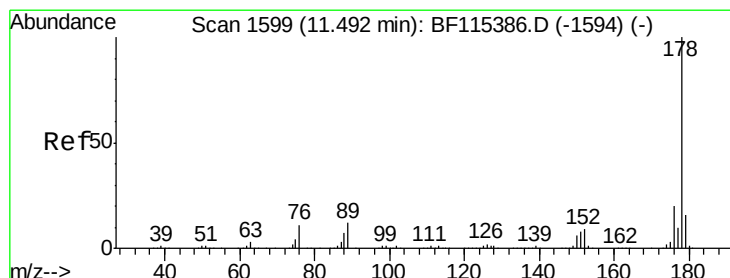
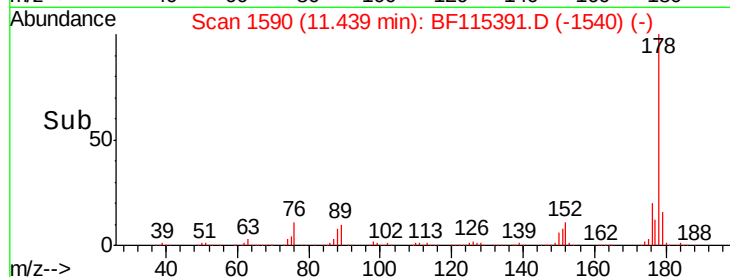
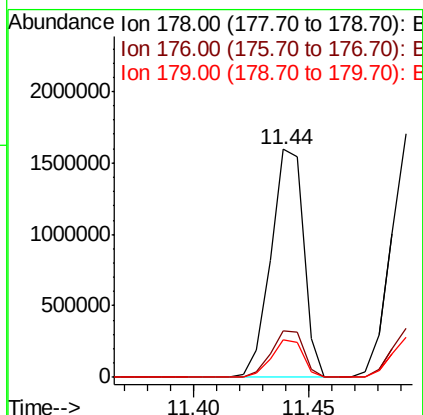
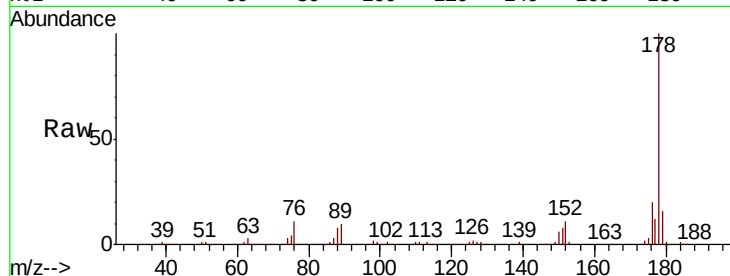




#71
 Phenanthrene
 Concen: 38.949 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

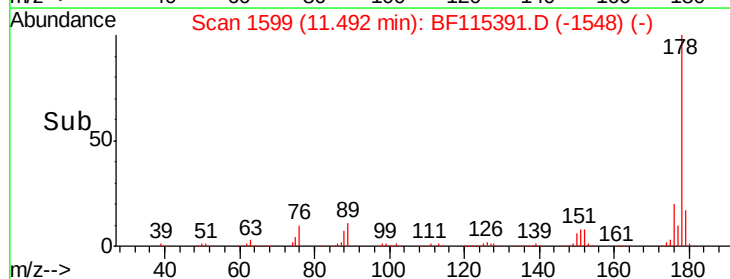
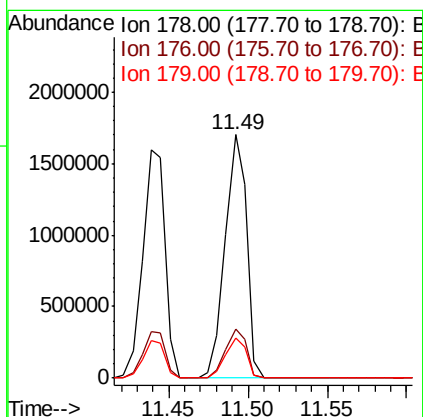
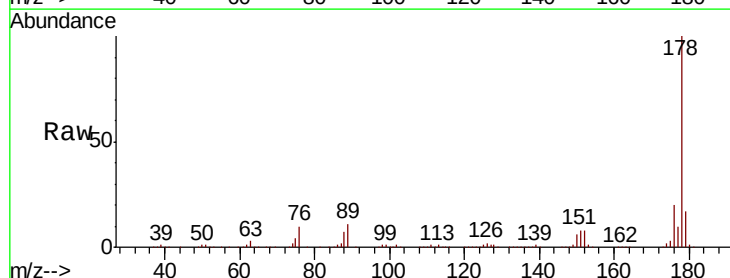
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

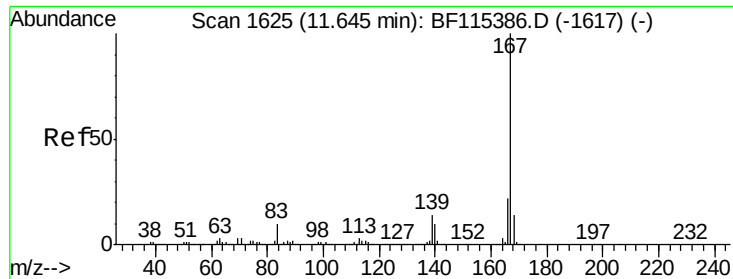
Tot Ion:178 Resp: 1570164
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.4 13.0 19.6



#72
 Anthracene
 Concen: 39.570 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:178 Resp: 1599618
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.6 13.1 19.7

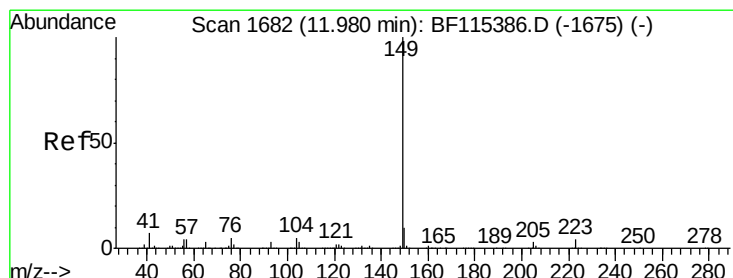
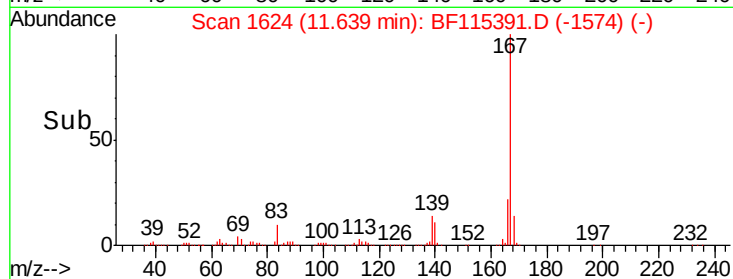
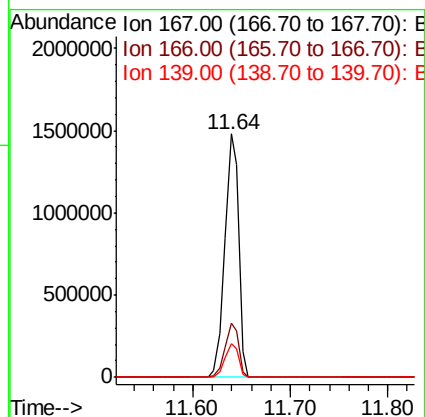
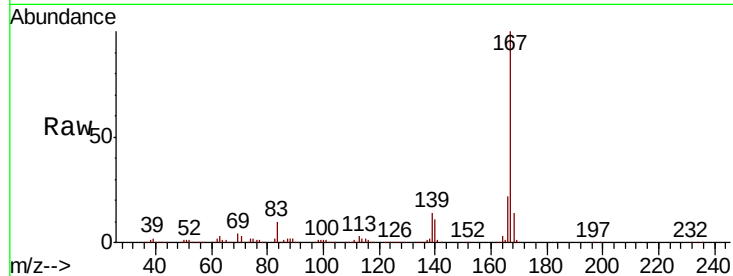




#73
 Carbazole
 Concen: 39.183 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

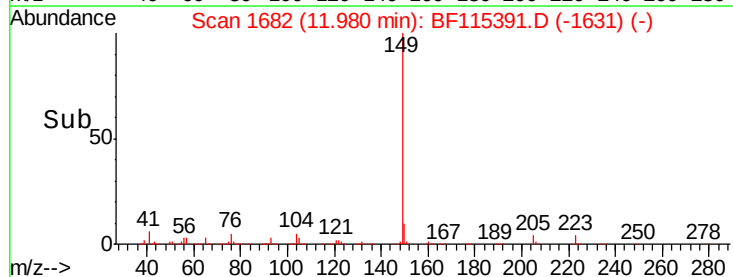
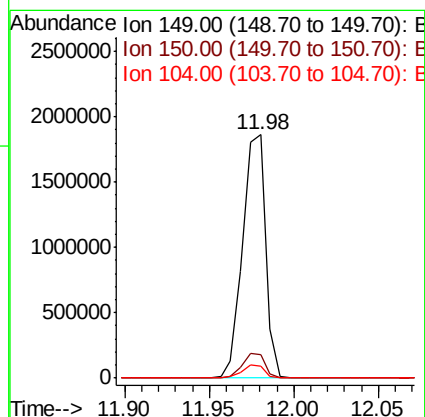
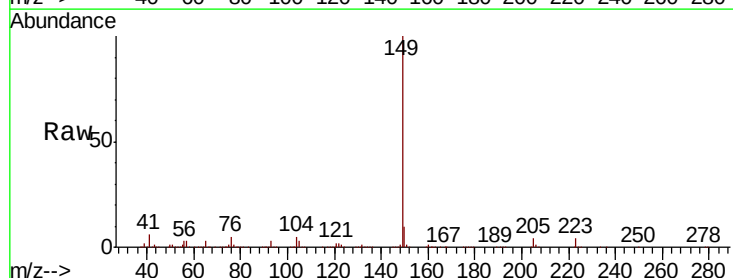
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

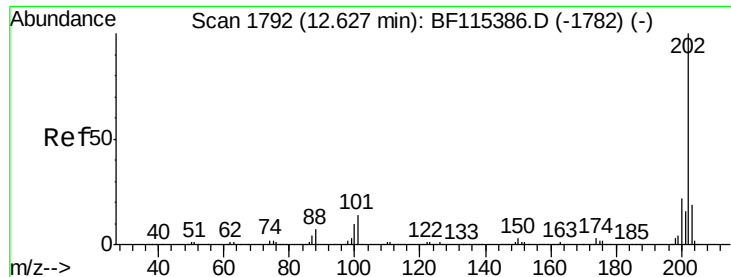
Tot Ion:167 Resp: 1449106
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 39.630 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:149 Resp: 1771267
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.0 12.0
 104 5.0 4.4 6.6

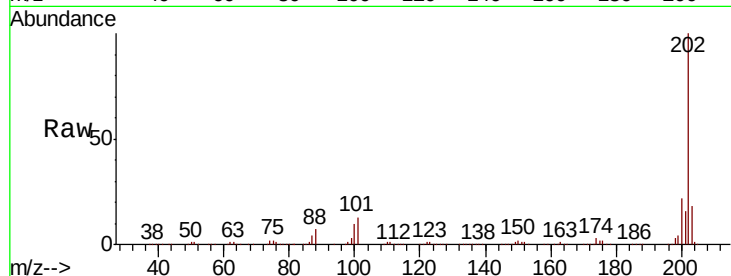




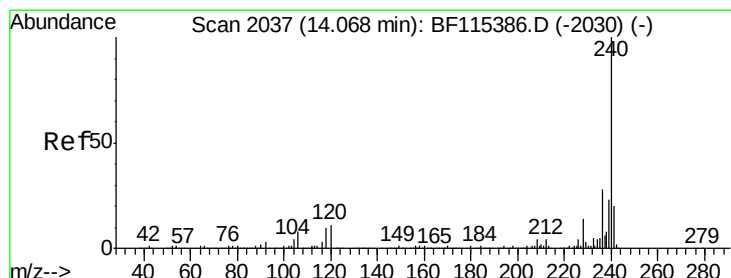
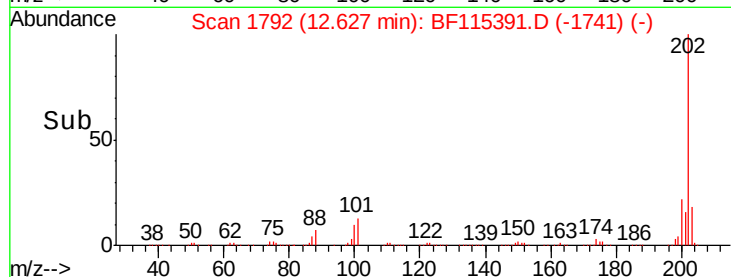
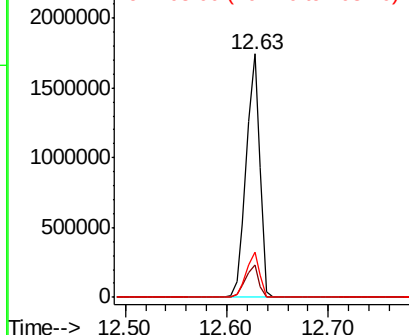
#75
 Fluoranthene
 Concen: 38.604 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF070519

Tot Ion:202 Resp: 1638614
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 34.0
 203 18.4 0.0 38.5

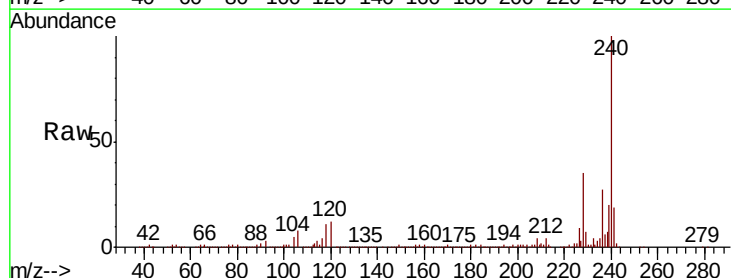


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

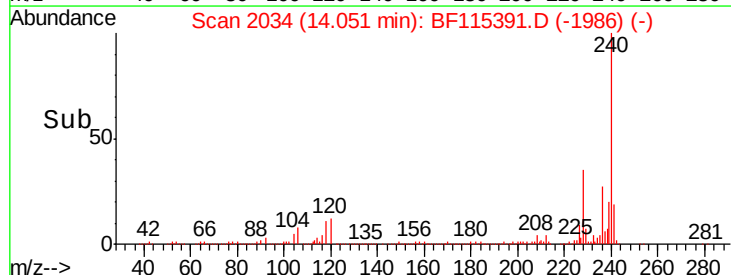
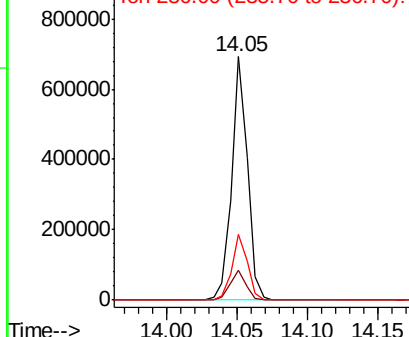


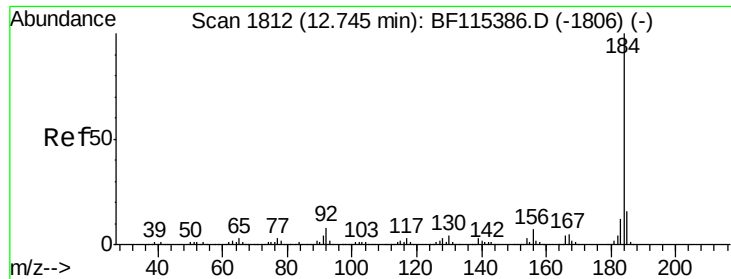
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF115391.D
 Acq: 5 Jul 2019 16:15

Tgt Ion:240 Resp: 535232
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.1 13.7
 236 27.0 22.5 33.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

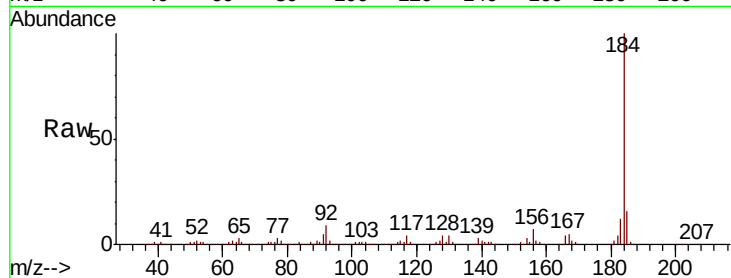




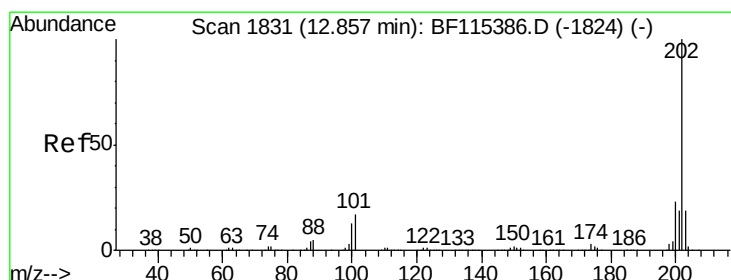
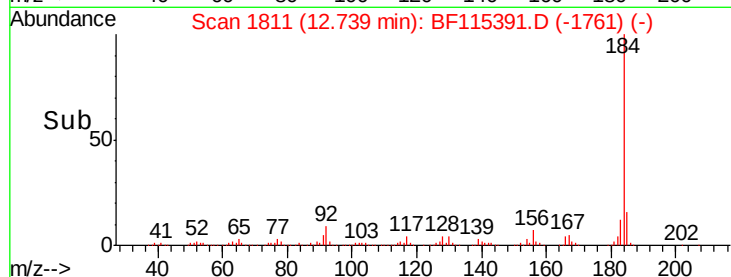
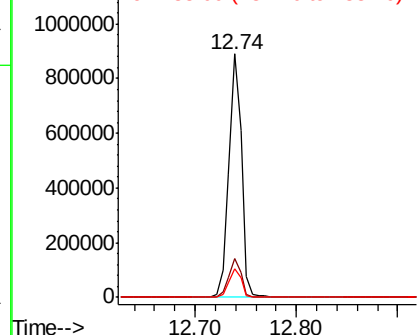
#77
Benzidine
Concen: 36.826 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Instrument :
BNA_F
ClientSampleId :
ICVBF070519

Tot Ion:184 Resp: 768622
Ion Ratio Lower Upper
184 100
185 15.9 12.6 18.8
183 11.6 9.4 14.0

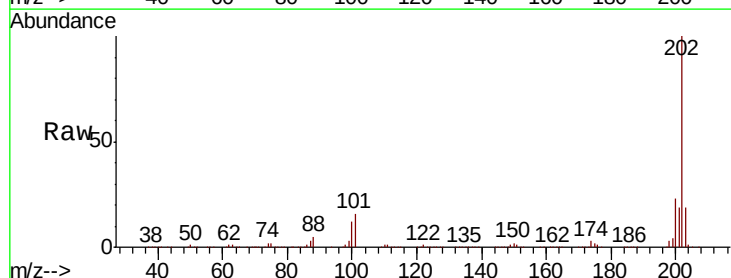


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

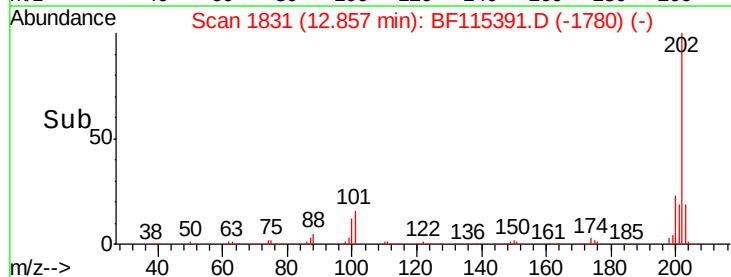
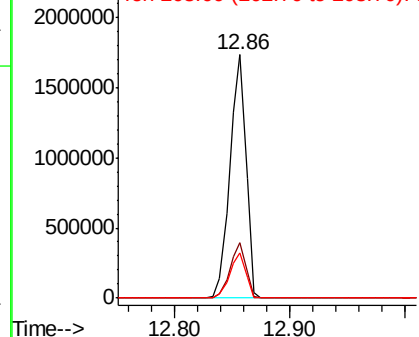


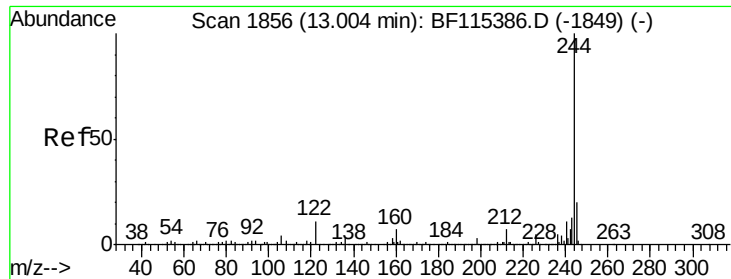
#78
Pyrene
Concen: 40.018 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:202 Resp: 1665629
Ion Ratio Lower Upper
202 100
200 22.7 18.2 27.4
203 18.6 14.8 22.2



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





#79

Terphenyl-d14

Concen: 78.933 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

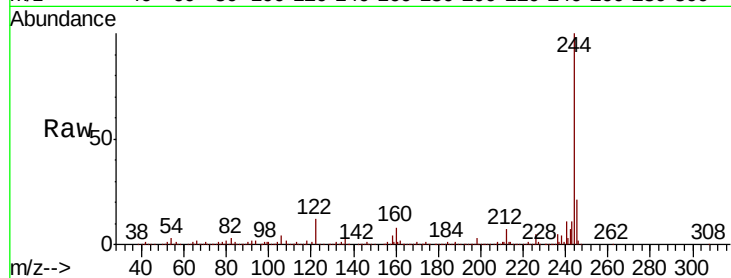
Tot Ion:244 Resp: 2063360

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

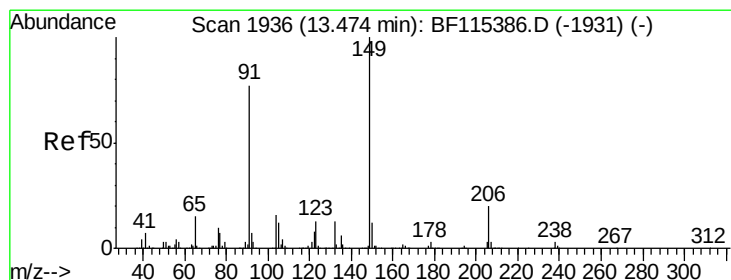
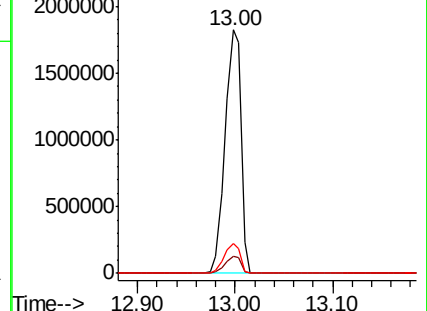
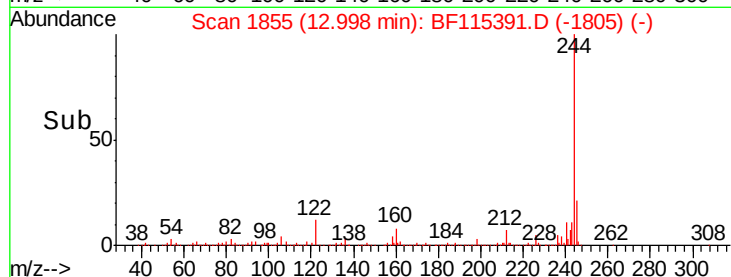
122 12.3 9.1 13.7



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: 41.368 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

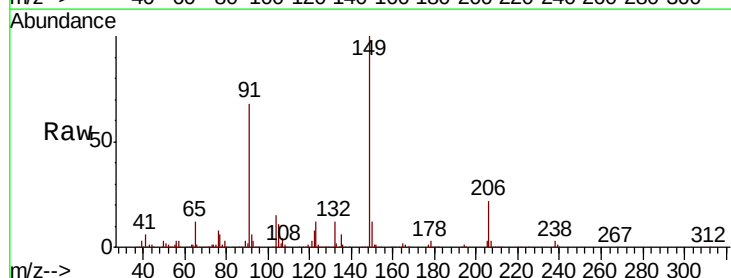
Tgt Ion:149 Resp: 752298

Ion Ratio Lower Upper

149 100

91 67.8 61.4 92.0

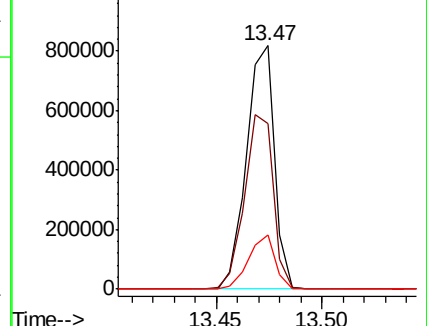
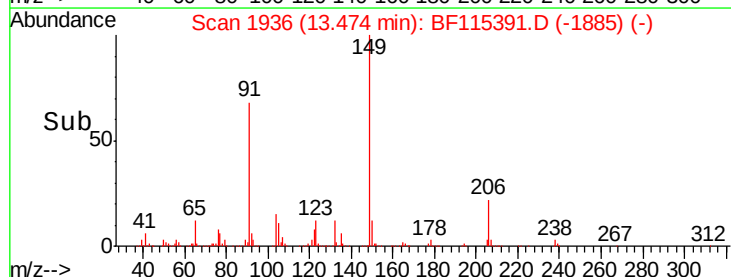
206 22.1 16.1 24.1

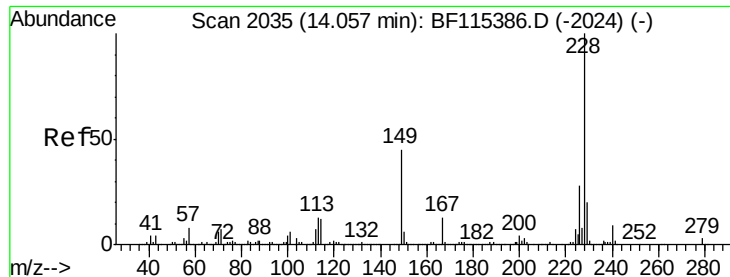


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.400 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

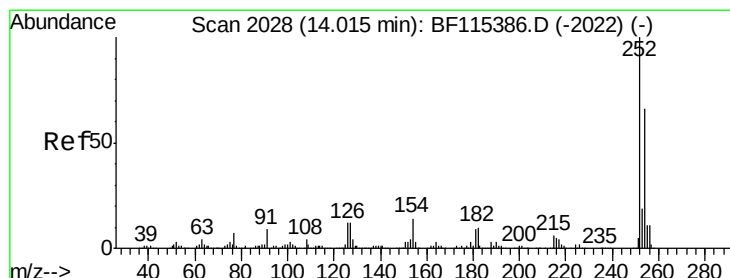
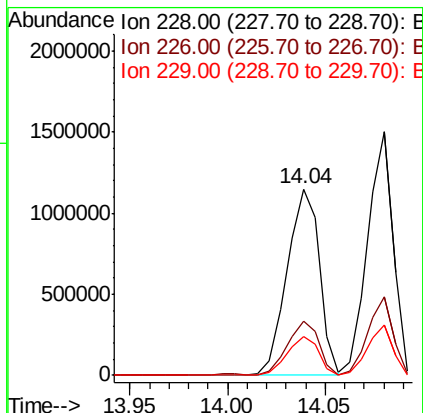
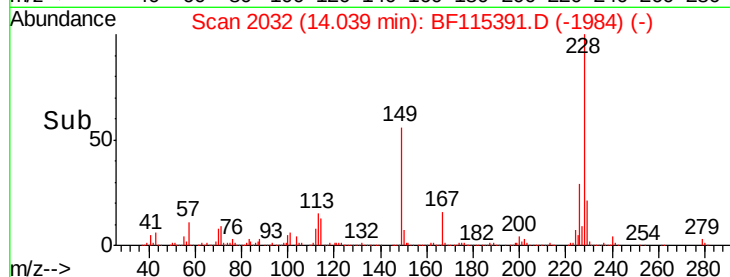
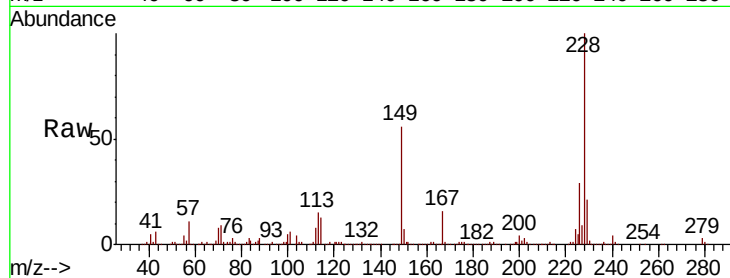
Tot Ion:228 Resp: 1316900

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

229 20.5 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 41.120 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

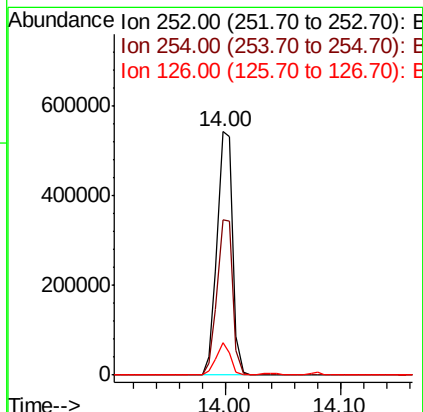
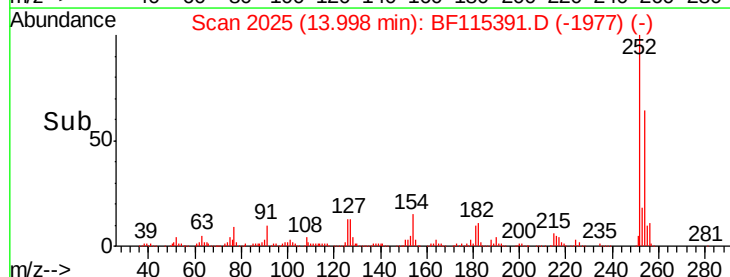
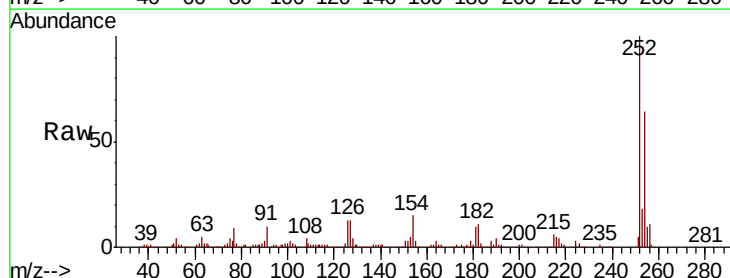
Tgt Ion:252 Resp: 511697

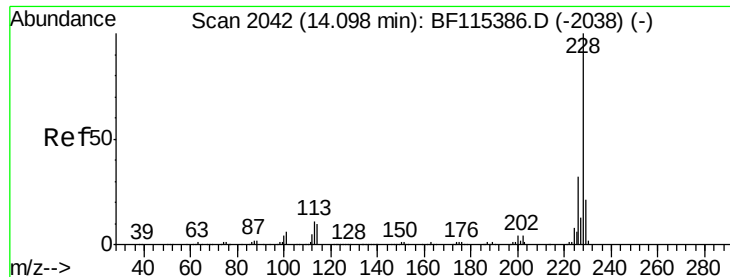
Ion Ratio Lower Upper

252 100

254 63.8 53.0 79.4

126 13.2 9.8 14.8





#83

Chrysene

Concen: 38.696 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

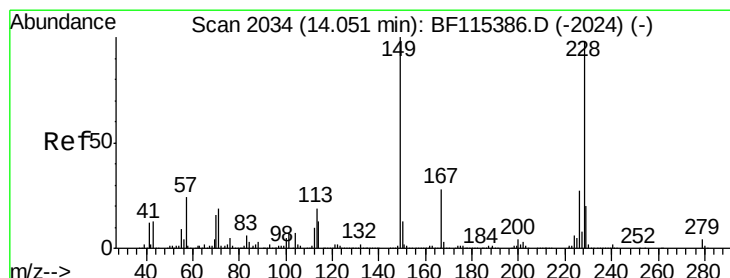
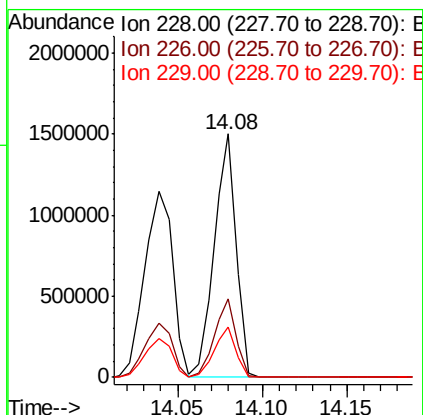
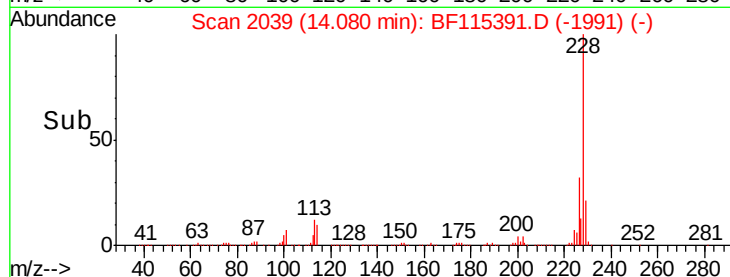
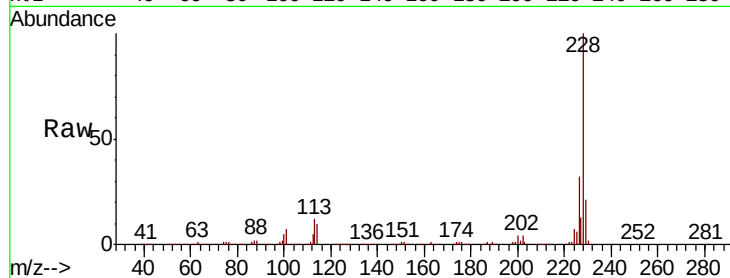
Tot Ion:228 Resp: 1363507

Ion Ratio Lower Upper

228 100

226 32.3 25.7 38.5

229 20.6 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.817 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

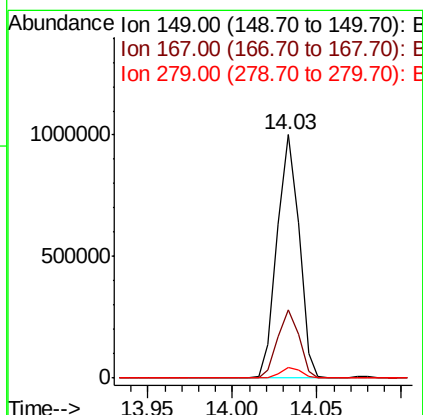
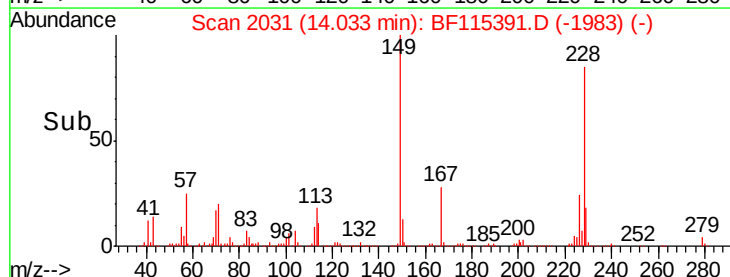
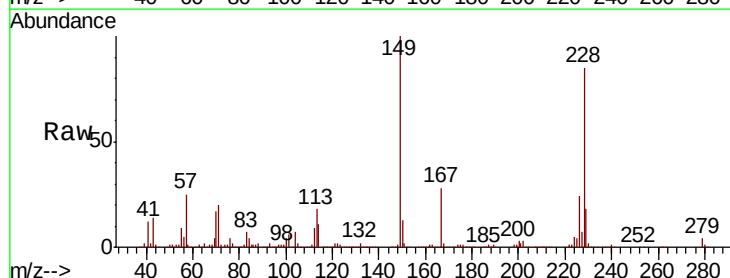
Tgt Ion:149 Resp: 896718

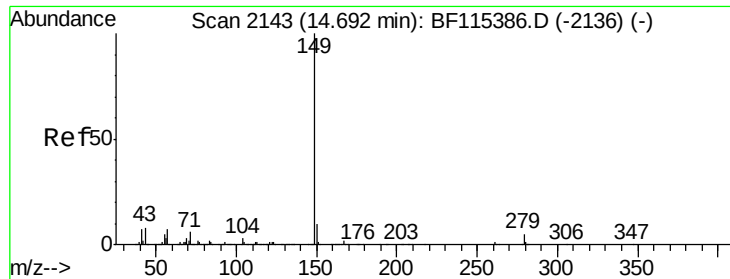
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.2 3.4 5.2

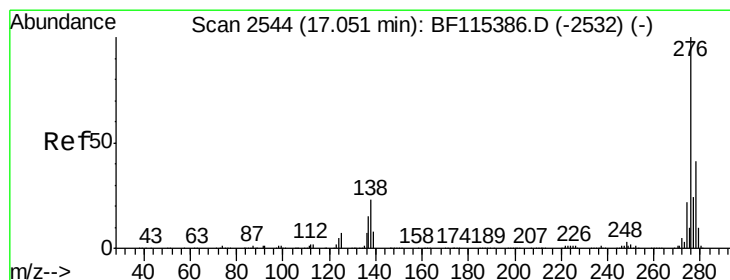
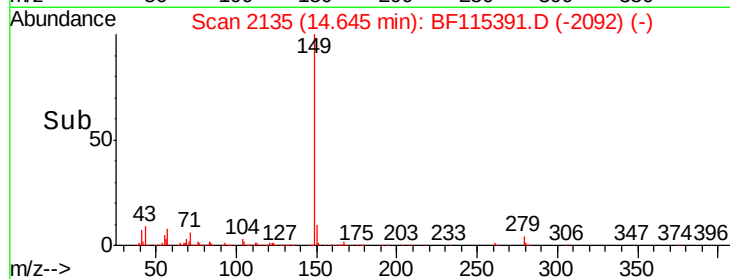
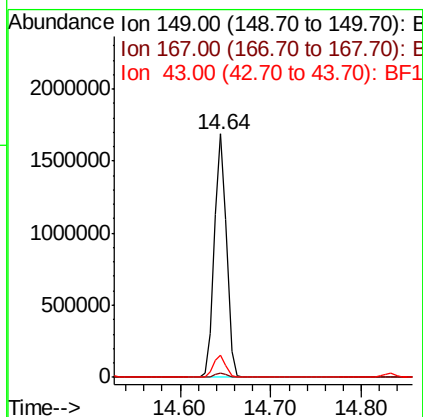
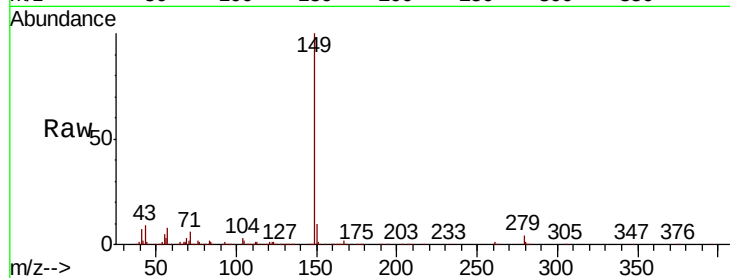




#85
Di-n-octyl phthalate
Concen: 39.375 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.05 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

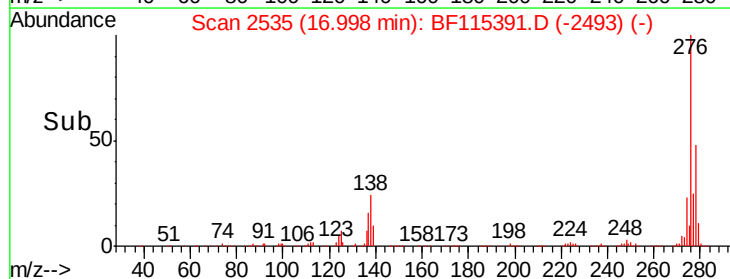
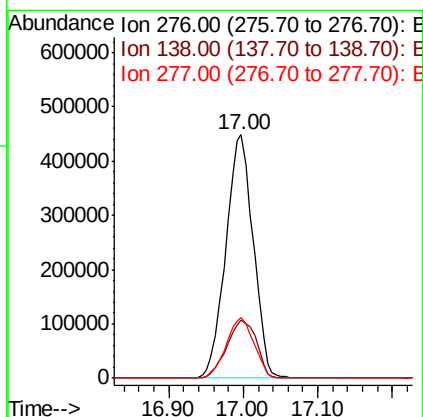
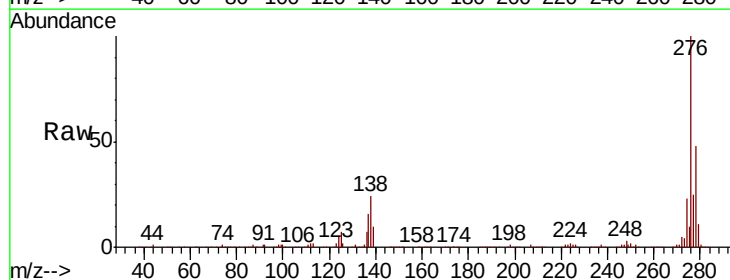
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

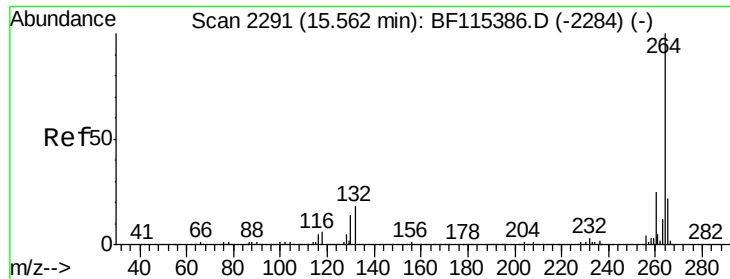
Tot Ion:149 Resp: 1578655
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 7.6 11.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.839 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.05 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:276 Resp: 1144153
Ion Ratio Lower Upper
276 100
138 25.8 20.1 30.1
277 25.2 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.04 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

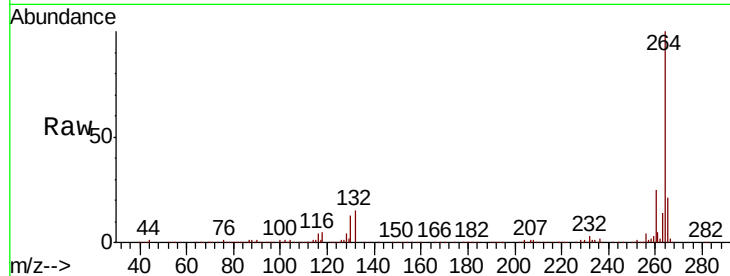
Tot Ion:264 Resp: 494261

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 21.1 17.4 26.2

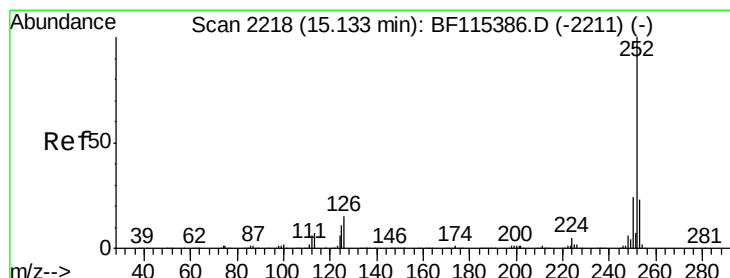
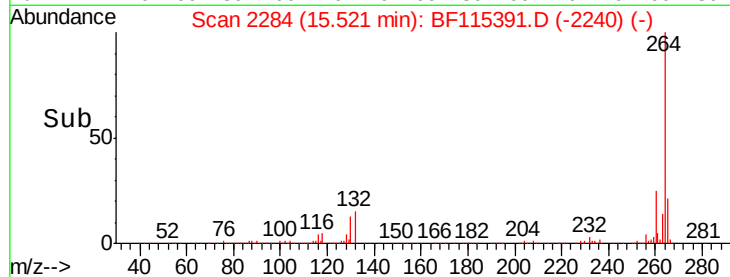
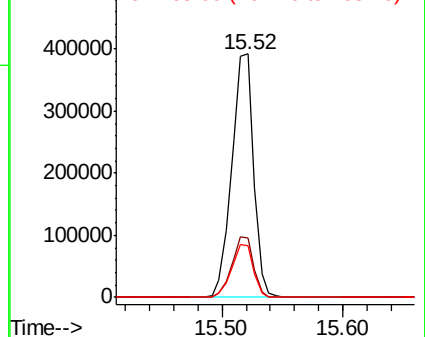


Abundance

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: 38.226 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.04 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

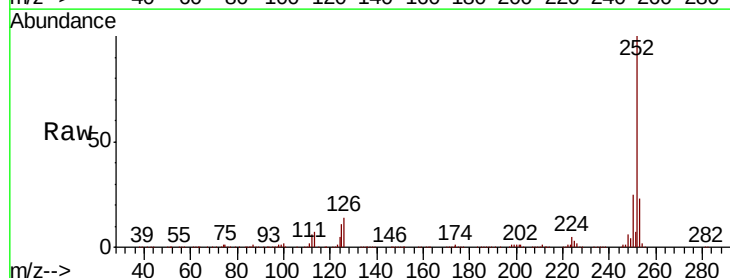
Tgt Ion:252 Resp: 1230150

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 10.8 9.0 13.6

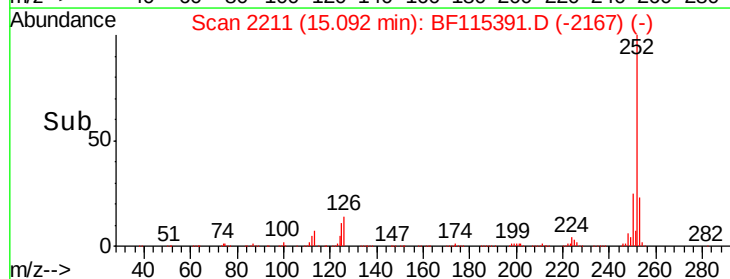
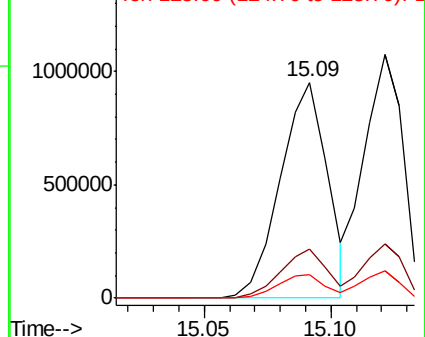


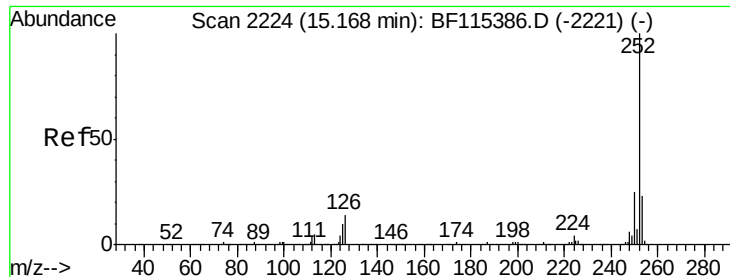
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

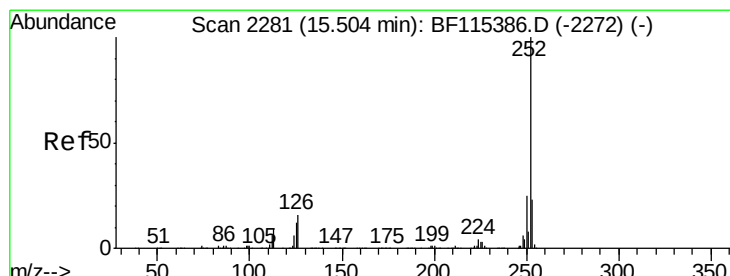
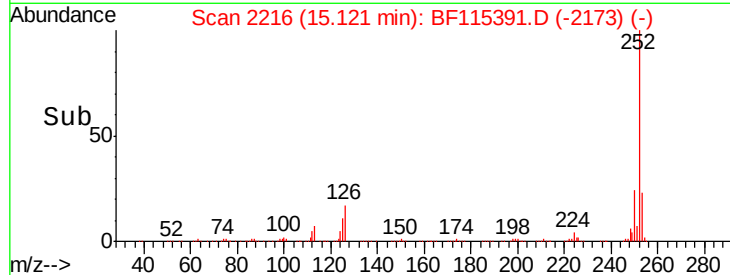
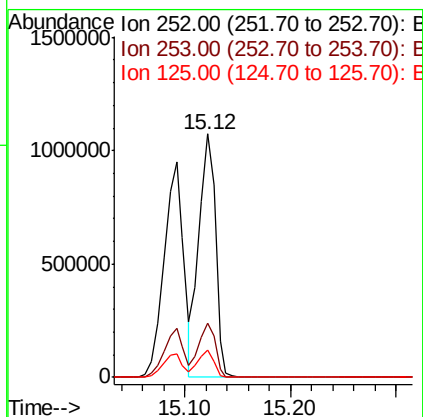
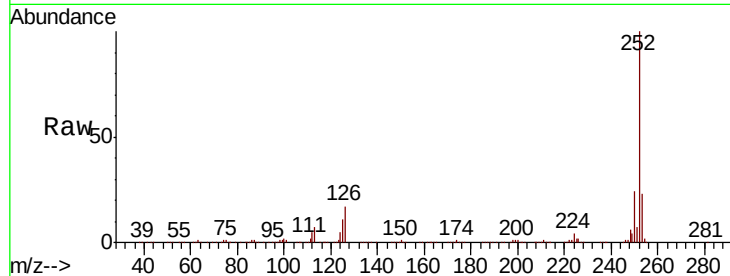




#89
Benzo(k)fluoranthene
Concen: 40.559 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

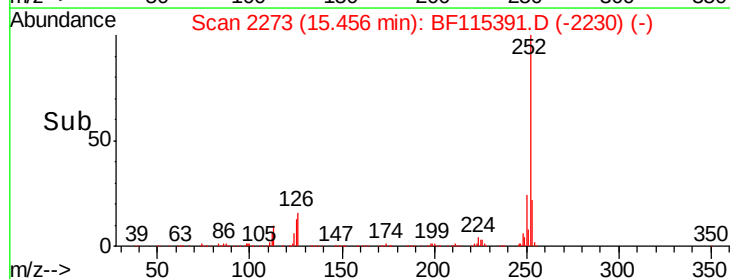
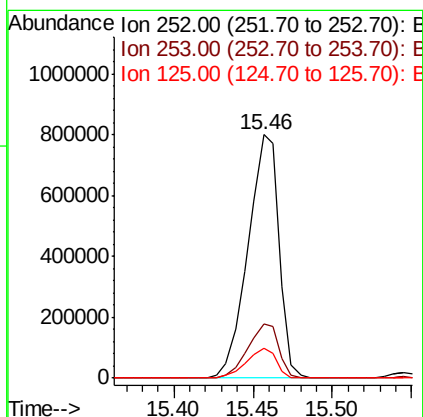
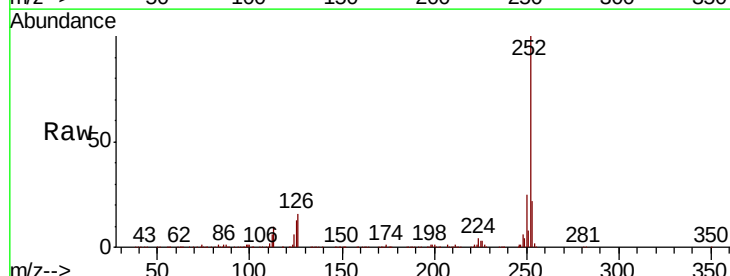
Instrument :
BNA_F
ClientSampleId :
ICVBF070519

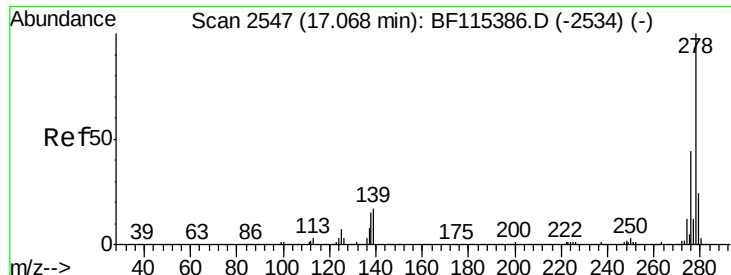
Tot Ion:252 Resp: 1160774
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 11.1 8.3 12.5



#90
Benzo(a)pyrene
Concen: 39.221 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF115391.D
Acq: 5 Jul 2019 16:15

Tgt Ion:252 Resp: 1088622
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.5 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 39.926 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.05 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

Instrument :

BNA_F

ClientSampleId :

ICVBF070519

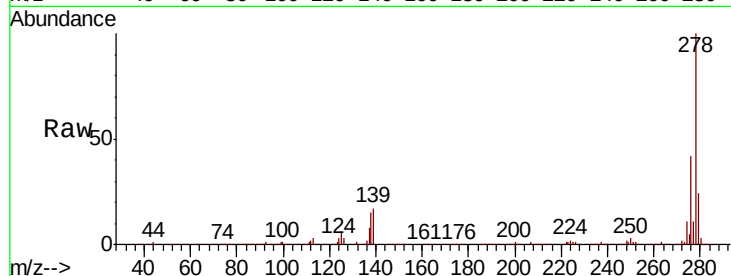
Tot Ion:278 Resp: 946978

Ion Ratio Lower Upper

278 100

139 16.8 13.4 20.2

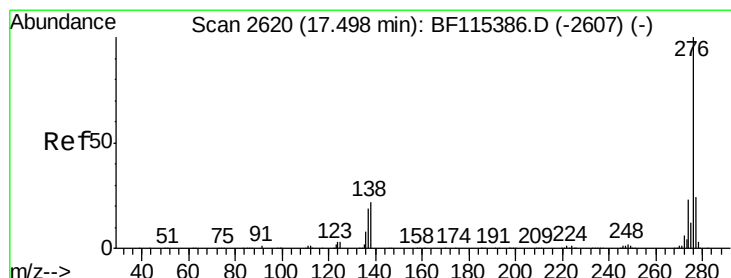
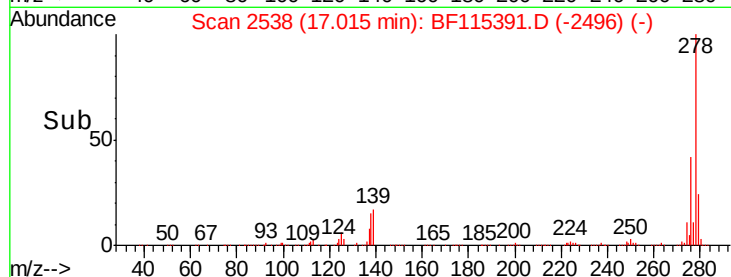
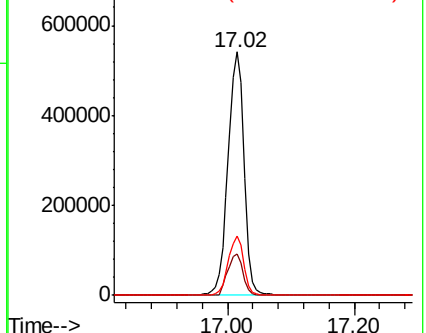
279 24.1 19.4 29.0



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: 40.695 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.05 min

Lab File: BF115391.D

Acq: 5 Jul 2019 16:15

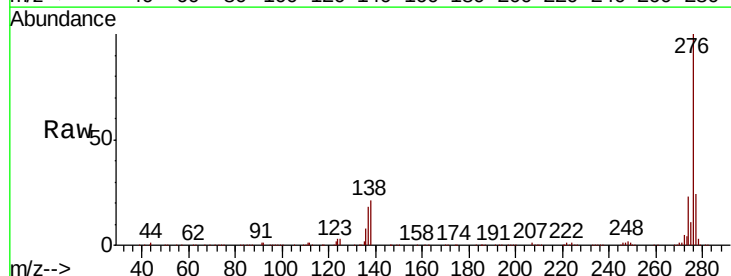
Tgt Ion:276 Resp: 913582

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 21.4 17.8 26.6



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

