

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115742.D
 Acq On : 24 Jul 2019 9:51
 Operator : HP/JU
 Sample : PB121641BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:34:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	147116	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	590006	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	297679	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	571903	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	417102	20.00	ng	-0.01
87) Perylene-d12	15.50	264	345390	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	729586	81.12	ng	0.00
7) Phenol-d6	6.50	99	927731	81.29	ng	-0.01
23) Nitrobenzene-d5	7.43	82	859332	84.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	272714	78.49	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1539829	90.54	ng	-0.02
79) Terphenyl-d14	12.98	244	1706296	75.48	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	170122	37.920	ng	97
3) Pyridine	3.50	79	427336	35.108	ng	99
4) n-Nitrosodimethylamine	3.45	42	182535	41.337	ng	92
6) Aniline	6.53	93	446374	28.106	ng	99
8) 2-Chlorophenol	6.66	128	418672	40.488	ng	97
9) Benzaldehyde	6.42	77	170189	23.864	ng	96
10) Phenol	6.52	94	537114	40.542	ng	89
11) bis(2-Chloroethyl)ether	6.60	93	396463	39.306	ng	99
12) 1,3-Dichlorobenzene	6.82	146	440693	37.905	ng	100
13) 1,4-Dichlorobenzene	6.89	146	445682	38.421	ng	97
14) 1,2-Dichlorobenzene	7.05	146	416134	39.243	ng	97
15) Benzyl Alcohol	7.02	79	358232	39.570	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	532160	40.074	ng	100
17) 2-Methylphenol	7.13	107	363200	40.757	ng	99
18) Hexachloroethane	7.39	117	164264	38.152	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	284580	38.235	ng	97
20) 3+4-Methylphenols	7.28	107	418571	39.543	ng	# 87
22) Acetophenone	7.28	105	567927	42.608	ng	# 98
24) Nitrobenzene	7.45	77	457827	41.833	ng	95
25) Isophorone	7.69	82	824640	40.615	ng	99
26) 2-Nitrophenol	7.77	139	232861	41.337	ng	97
27) 2,4-Dimethylphenol	7.80	122	381809	45.299	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	515864	41.415	ng	98
29) 2,4-Dichlorophenol	8.02	162	366723	41.836	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	390308	39.391	ng	97
31) Naphthalene	8.17	128	1204238	42.144	ng	97
32) Benzoic acid	7.94	122	247139	35.729	ng	98
33) 4-Chloroaniline	8.22	127	323578	25.565	ng	99
34) Hexachlorobutadiene	8.30	225	220291	38.769	ng	99
35) Caprolactam	8.59	113	75347	27.816	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	382901	42.111	ng	98
37) 2-Methylnaphthalene	8.87	142	816894	43.129	ng	98
38) 1-Methylnaphthalene	8.97	142	758310	42.150	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	374435	41.770	ng	97

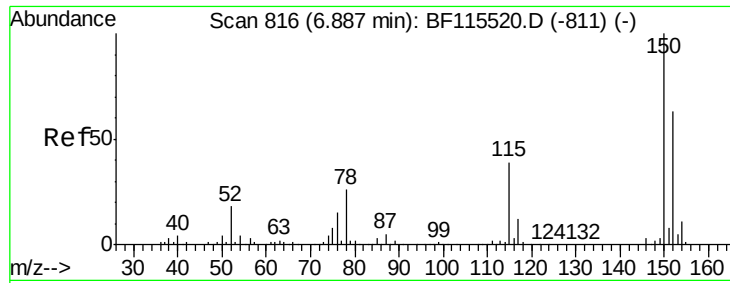
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
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Instrument :
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Quant Time: Jul 24 16:34:43 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	319887	62.557	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	252808	38.565	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	269680	40.170	ng	98
46) 1,1'-Biphenyl	9.33	154	978184	42.032	ng	99
47) 2-Chloronaphthalene	9.36	162	781576	40.334	ng	98
48) 2-Nitroaniline	9.45	65	241064	40.193	ng	99
49) Acenaphthylene	9.77	152	1203172	41.903	ng	97
50) Dimethylphthalate	9.63	163	902784	40.309	ng	98
51) 2,6-Dinitrotoluene	9.69	165	204343	40.148	ng	97
52) Acenaphthene	9.95	154	723857	39.048	ng	99
53) 3-Nitroaniline	9.86	138	157355	27.054	ng	92
54) 2,4-Dinitrophenol	9.97	184	200413	76.694	ng	99
55) Dibenzofuran	10.12	168	1076622	40.896	ng	99
56) 4-Nitrophenol	10.03	139	317162	71.509	ng	93
57) 2,4-Dinitrotoluene	10.10	165	270850	41.075	ng	97
58) Fluorene	10.46	166	803092	42.673	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	234010	41.698	ng	98
60) Diethylphthalate	10.33	149	868314	41.379	ng	97
61) 4-Chlorophenyl-phenylether	10.45	204	416455	39.903	ng	100
62) 4-Nitroaniline	10.47	138	216472	38.800	ng	94
63) Azobenzene	10.61	77	888721	43.663	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	135791	38.863	ng	94
66) n-Nitrosodiphenylamine	10.57	169	726618	40.845	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	257319	39.373	ng	99
68) Hexachlorobenzene	11.02	284	284776	38.156	ng	97
69) Atrazine	11.09	200	238846	40.926	ng	99
70) Pentachlorophenol	11.20	266	316248	69.279	ng	99
71) Phenanthrene	11.42	178	1196458	40.814	ng	98
72) Anthracene	11.47	178	1241149	40.967	ng	100
73) Carbazole	11.63	167	1110732	41.808	ng	99
74) Di-n-butylphthalate	11.95	149	1372682	41.946	ng	99
75) Fluoranthene	12.61	202	1282221	41.391	ng	98
77) Benzidine	12.72	184	436980	29.574	ng	99
78) Pyrene	12.84	202	1301460	36.828	ng	98
80) Butylbenzylphthalate	13.45	149	603658	40.071	ng	99
81) Benzo(a)anthracene	14.03	228	1106368	40.263	ng	98
82) 3,3'-Dichlorobenzidine	13.98	252	341344	34.943	ng	97
83) Chrysene	14.06	228	1079363	39.129	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	834974	44.746	ng	# 99
85) Di-n-octyl phthalate	14.62	149	1377939	46.411	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	911955	38.913	ng	99
88) Benzo(b)fluoranthene	15.07	252	1054975	47.435	ng	99
89) Benzo(k)fluoranthene	15.10	252	919635	46.380	ng	99
90) Benzo(a)pyrene	15.44	252	920328	48.146	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	766957	45.703	ng	99
92) Benzo(g,h,i)perylene	17.43	276	735597	43.952	ng	100

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

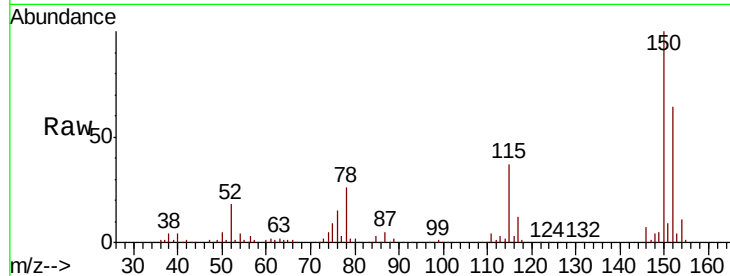


#1

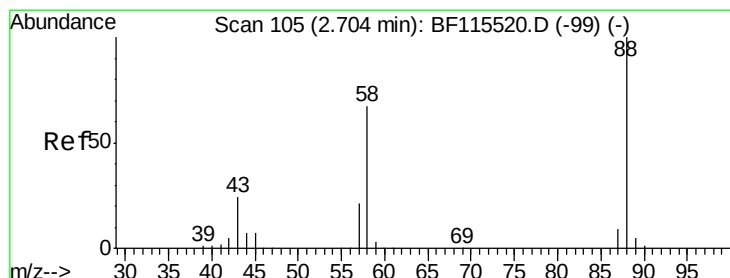
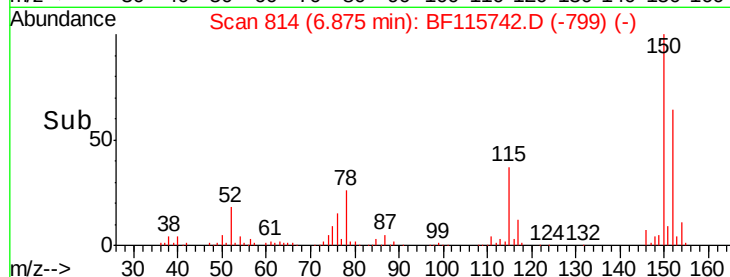
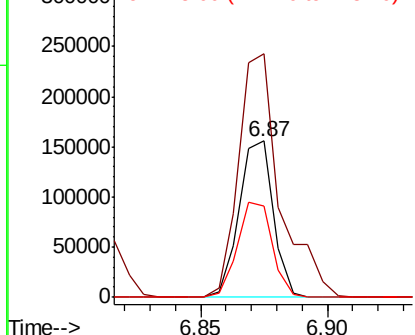
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 147116
Ion Ratio Lower Upper
152 100
150 155.7 129.7 194.5
115 58.2 48.2 72.4



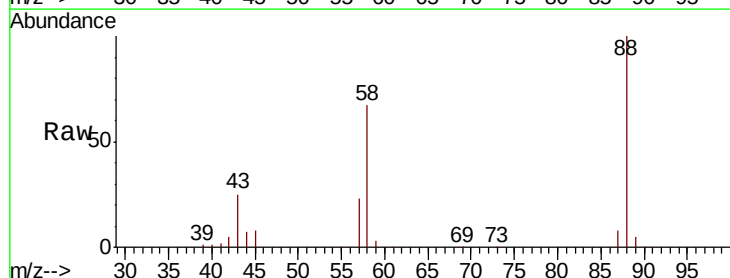
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



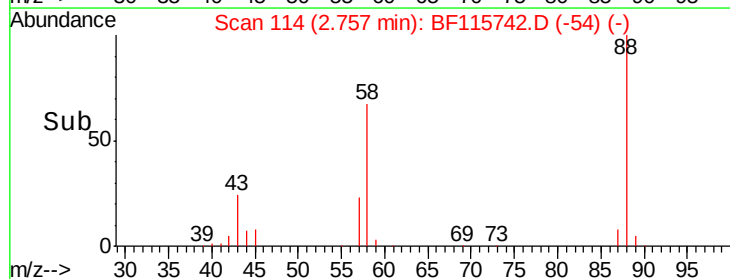
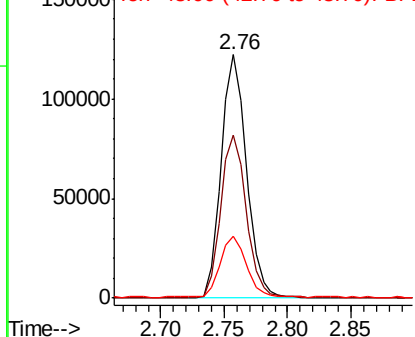
#2

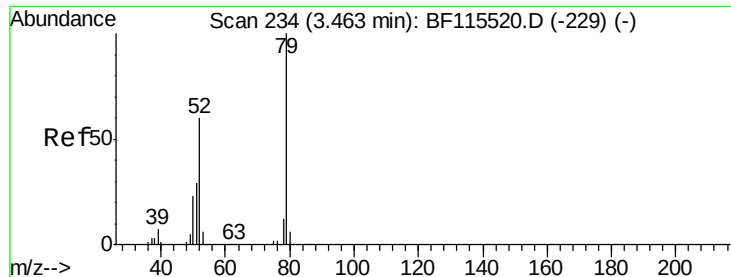
1,4-Dioxane
Concen: 37.920 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.05 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion: 88 Resp: 170122
Ion Ratio Lower Upper
88 100
58 68.0 52.6 79.0
43 25.7 19.1 28.7



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: 35.108 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.04 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

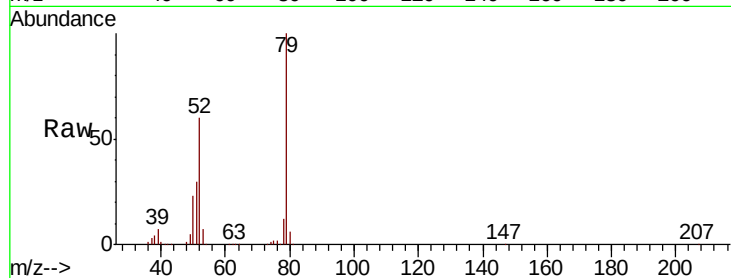
Tot Ion: 79 Resp: 427336

Ion Ratio Lower Upper

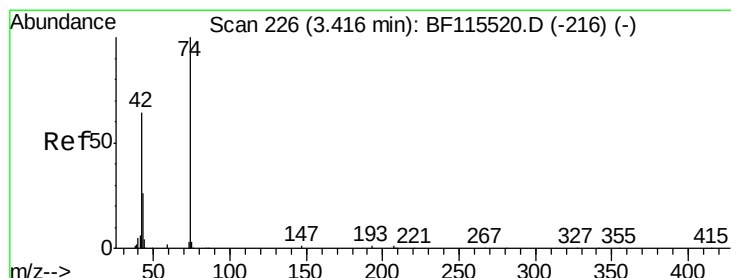
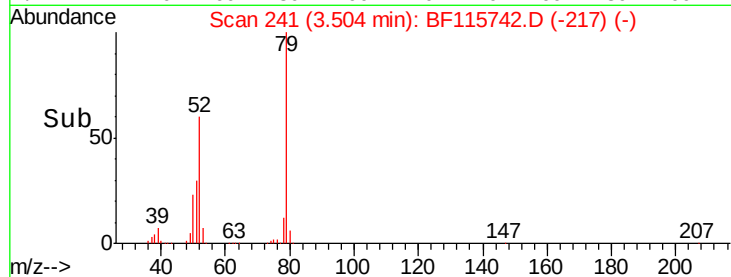
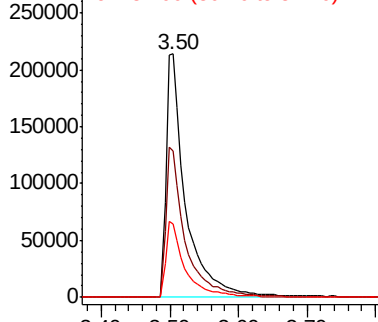
79 100

52 60.1 47.8 71.6

51 30.4 23.8 35.8



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: 41.337 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.04 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

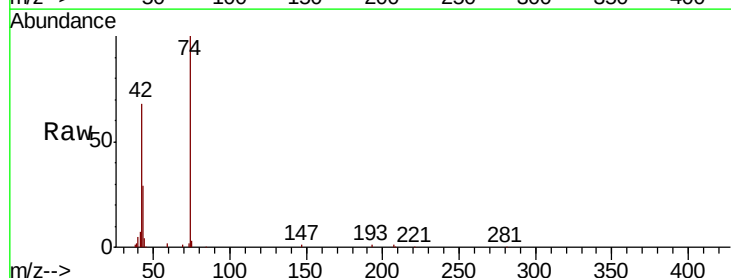
Tgt Ion: 42 Resp: 182535

Ion Ratio Lower Upper

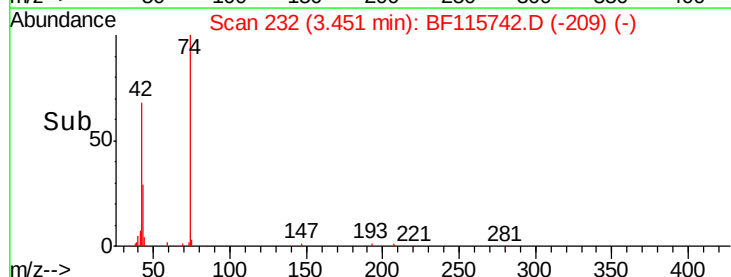
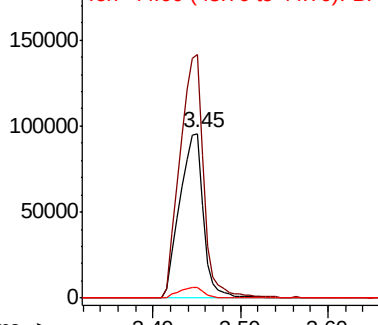
42 100

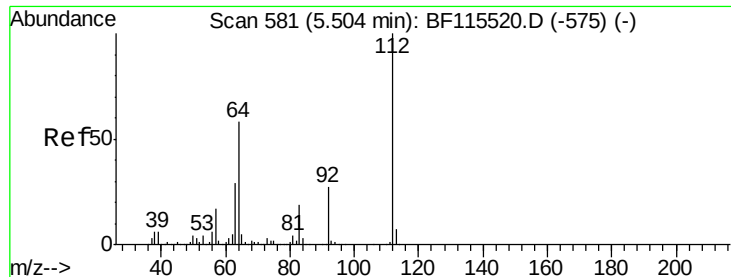
74 148.1 127.5 191.3

44 6.6 5.0 7.6



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: 81.119 ng

RT: 5.50 min Scan# 581

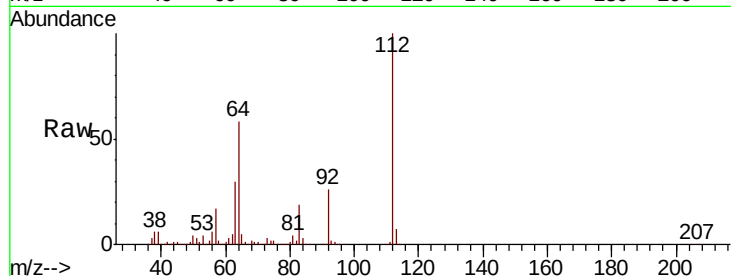
Delta R.T. -0.00 min

Lab File: BF115742.D

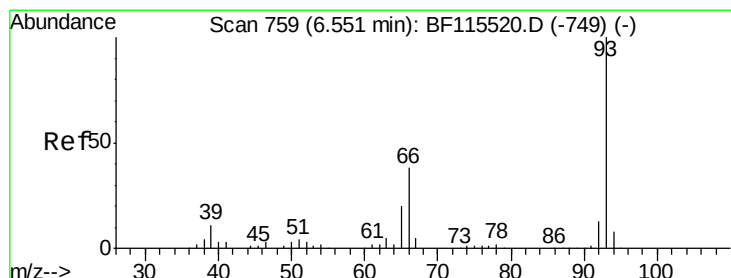
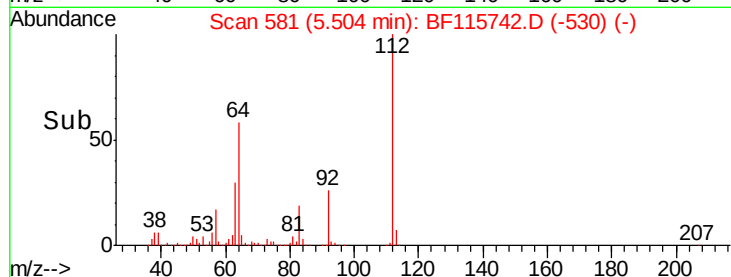
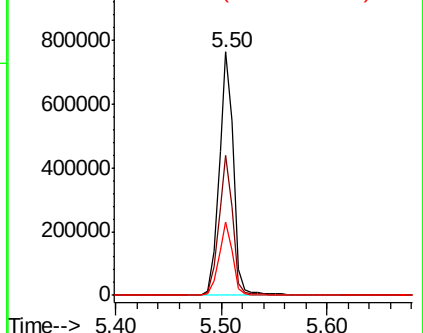
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	729586
Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.8	70.2
63	30.0	24.1	36.1



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: 28.106 ng

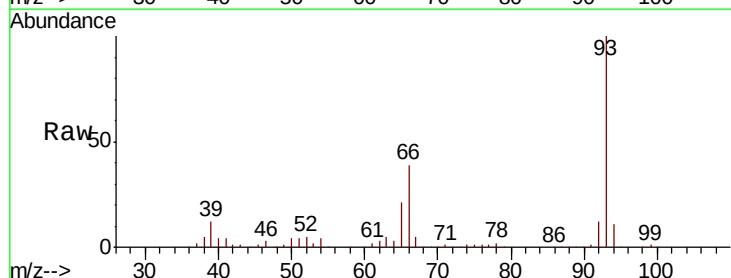
RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

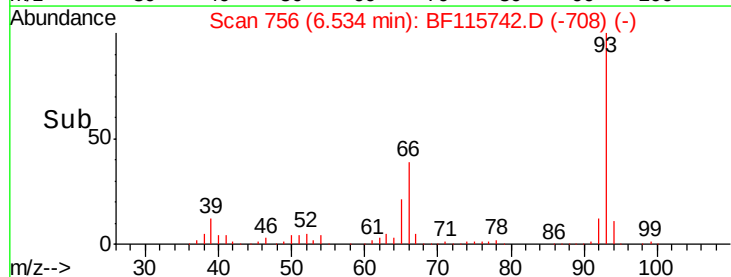
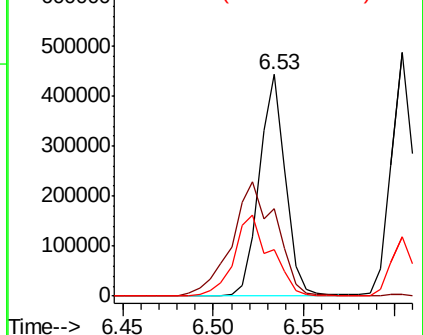
Lab File: BF115742.D

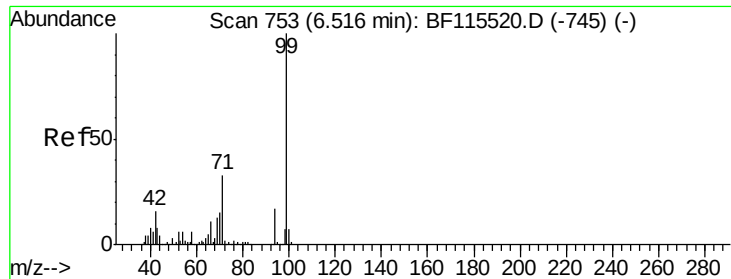
Acq: 24 Jul 2019 9:51

Tgt Ion:	93	Resp:	446374
Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.7	47.5
65	20.9	16.2	24.2



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: 81.292 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

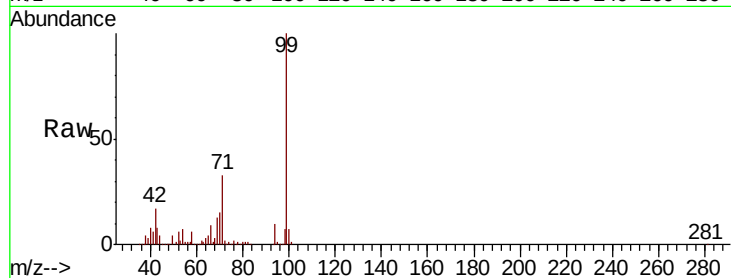
Tot Ion: 99 Resp: 927731

Ion Ratio Lower Upper

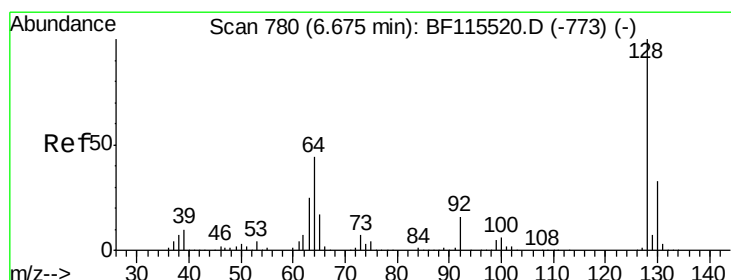
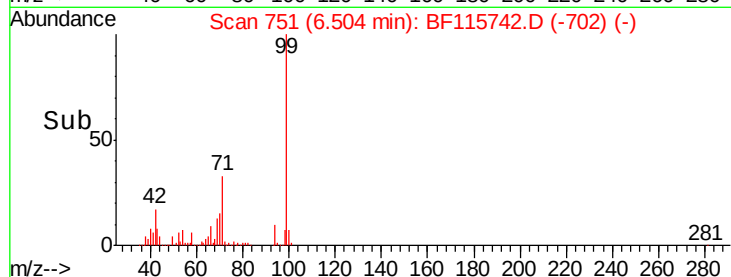
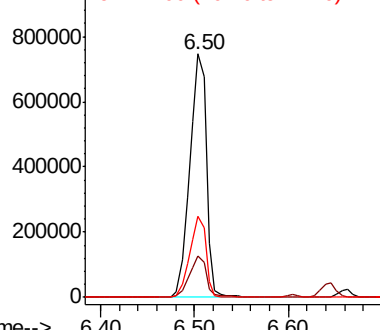
99 100

42 17.2 13.6 20.4

71 33.4 28.5 42.7



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



#8

2-Chlorophenol

Concen: 40.488 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

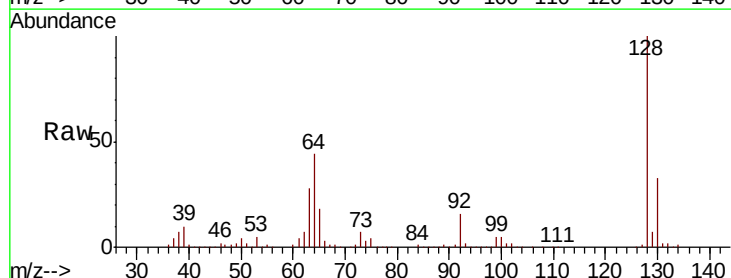
Tgt Ion: 128 Resp: 418672

Ion Ratio Lower Upper

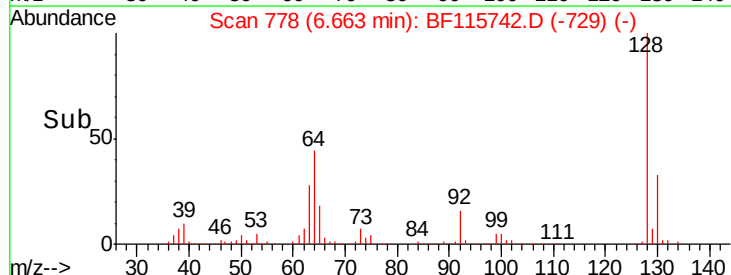
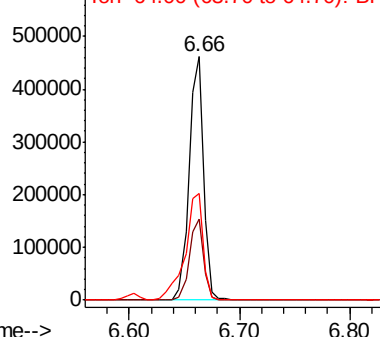
128 100

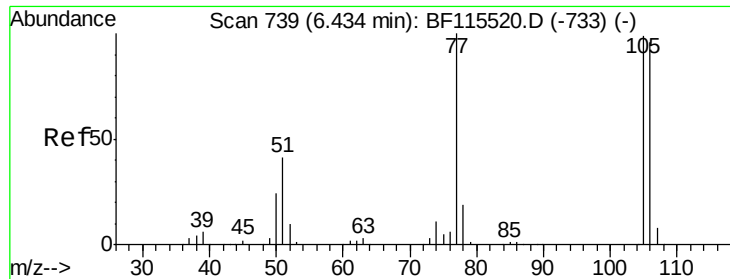
130 33.5 12.8 52.8

64 43.6 26.8 66.8



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: 23.864 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

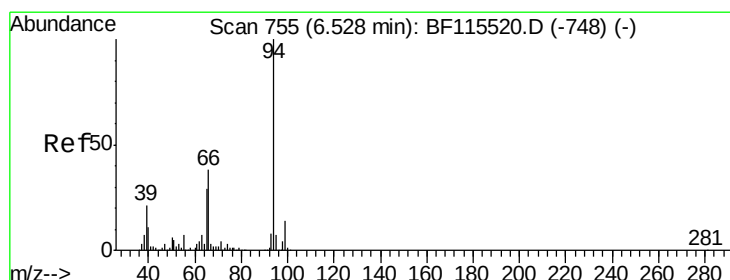
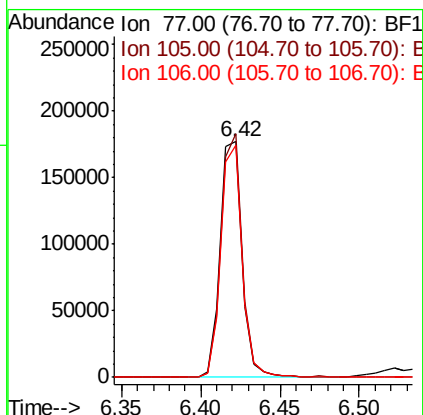
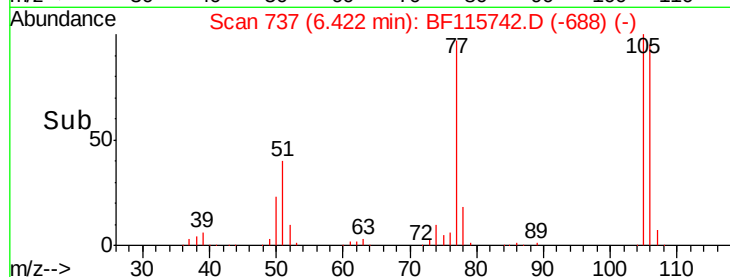
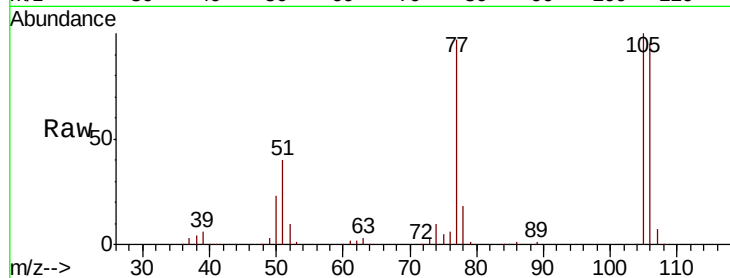
Tot Ion: 77 Resp: 170189

Ion Ratio Lower Upper

77 100

105 103.3 78.8 118.8

106 98.7 75.6 115.6



#10

Phenol

Concen: 40.542 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

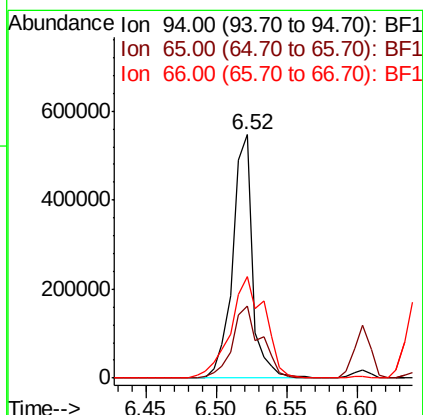
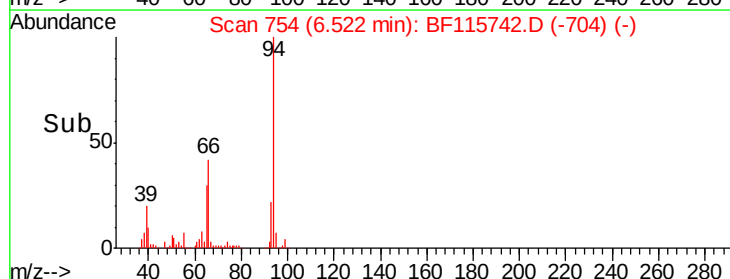
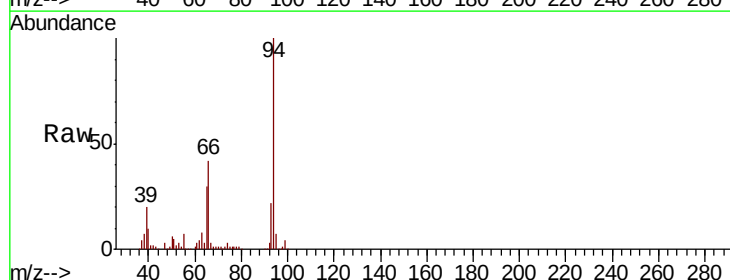
Tgt Ion: 94 Resp: 537114

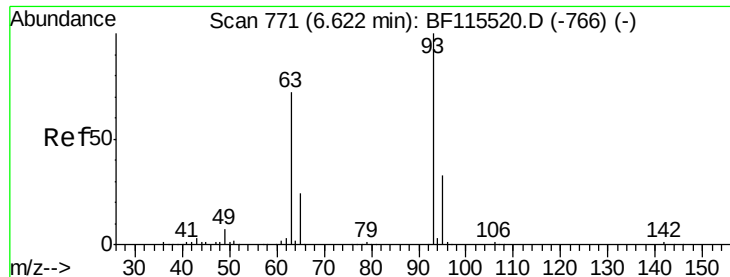
Ion Ratio Lower Upper

94 100

65 29.7 14.5 54.5

66 41.9 31.3 71.3

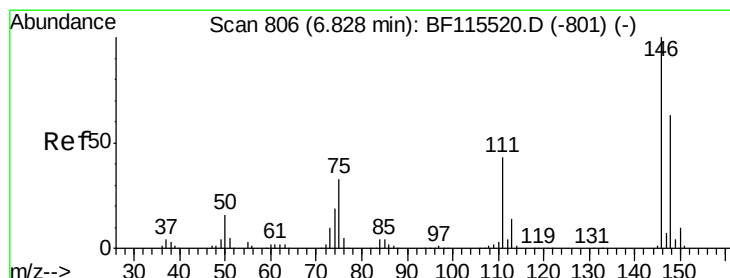
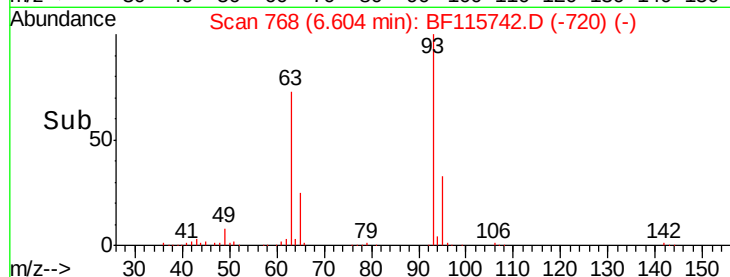
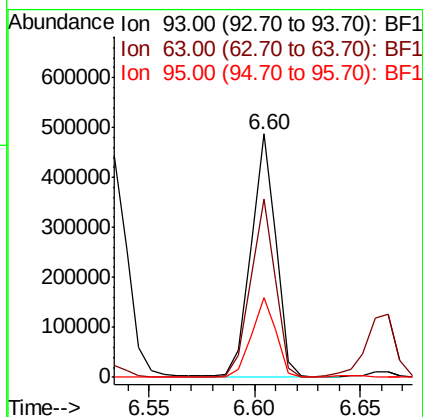
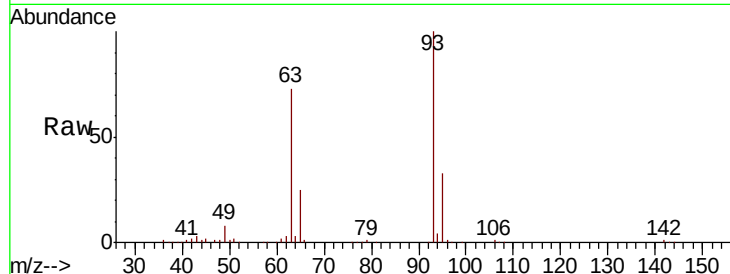




#11
bis(2-Chloroethyl)ether
Concen: 39.306 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

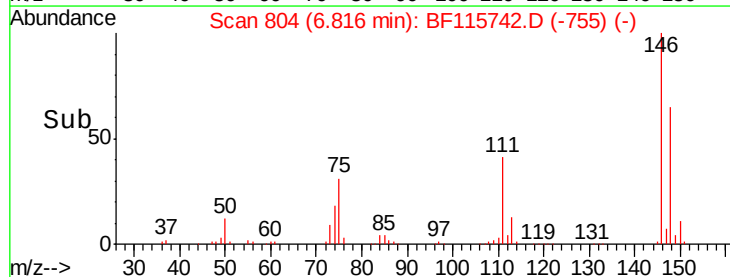
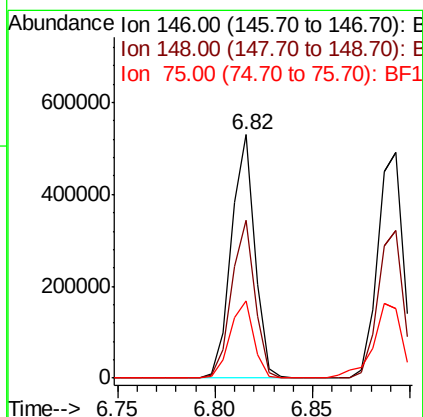
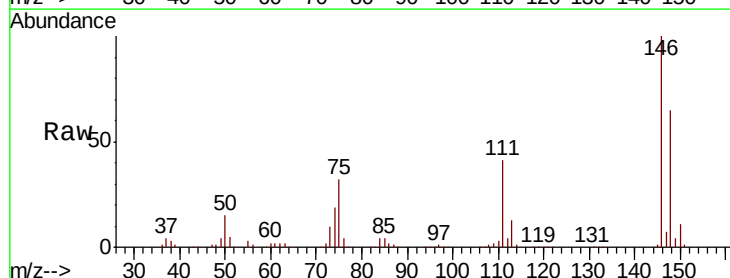
Instrument :
BNA_F
ClientSampleId :

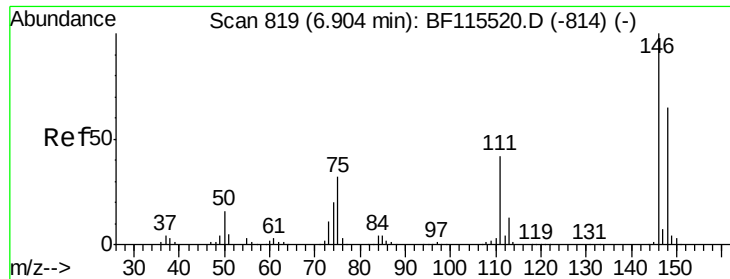
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.2	52.2	92.2
95	32.8	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 37.905 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
75	31.6	24.9	37.3

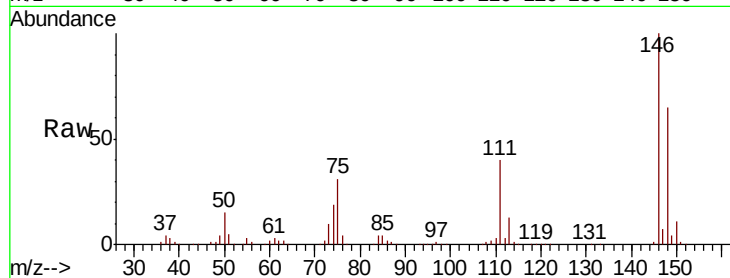




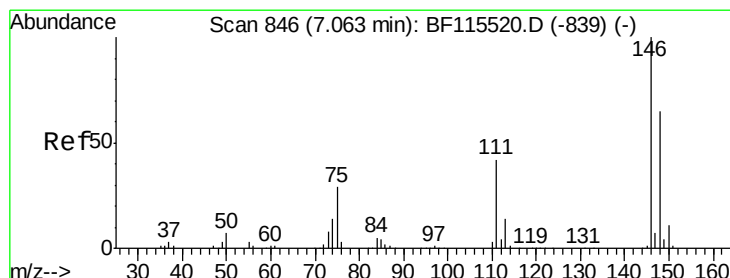
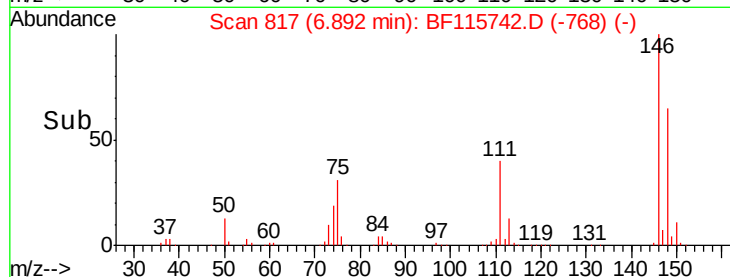
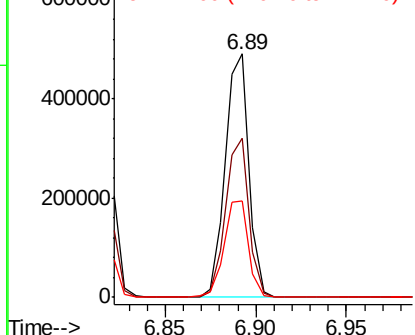
#13
 1,4-Dichlorobenzene
 Concen: 38.421 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 445682
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.6
 111 39.8 35.5 53.3

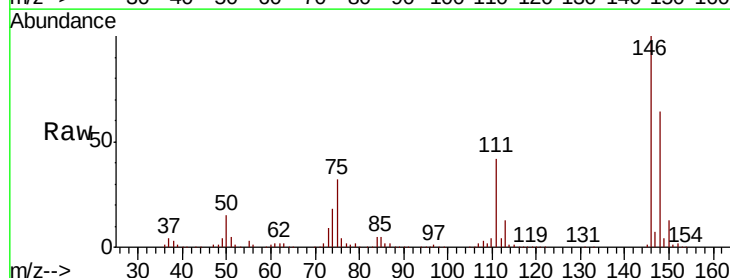


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

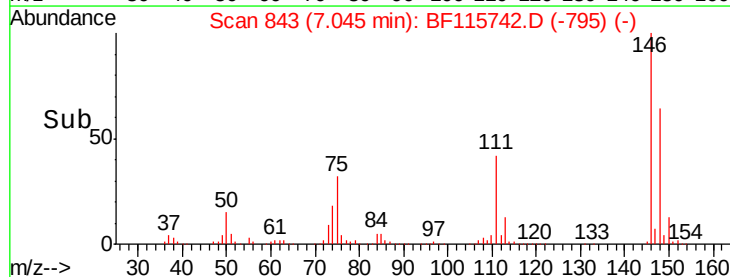
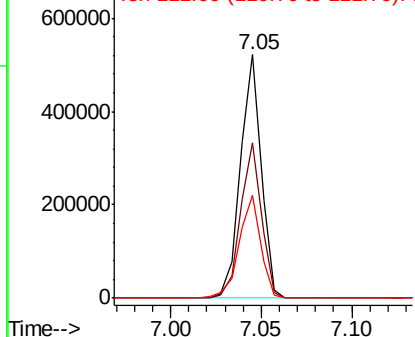


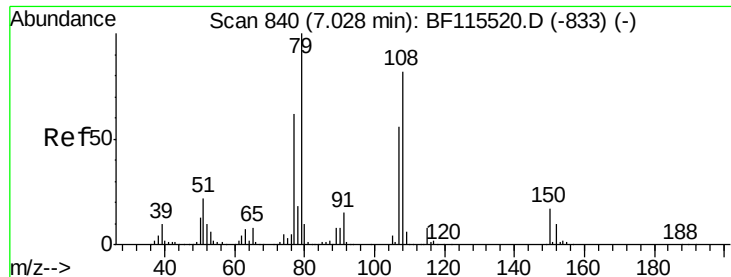
#14
 1,2-Dichlorobenzene
 Concen: 39.243 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion:146 Resp: 416134
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 42.4 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 39.570 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

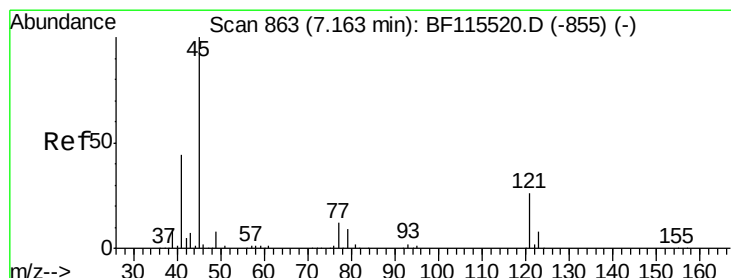
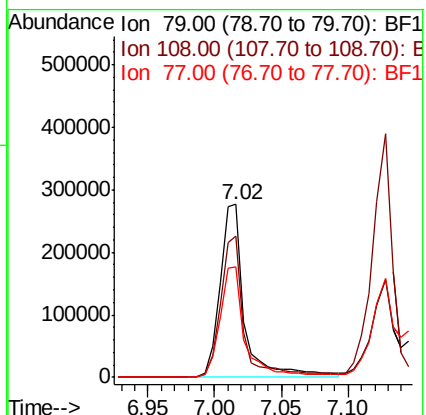
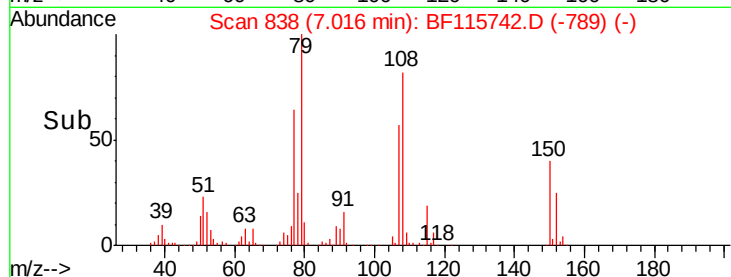
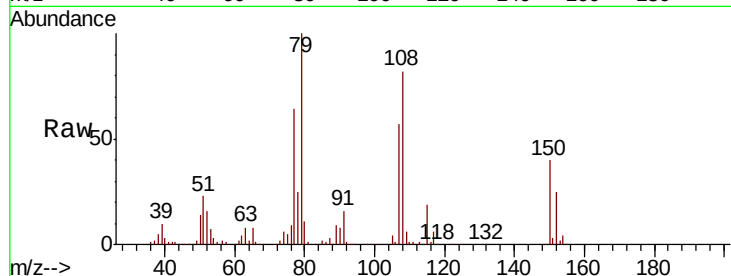
Tot Ion: 79 Resp: 358232

Ion Ratio Lower Upper

79 100

108 81.7 64.2 96.4

77 63.9 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.074 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

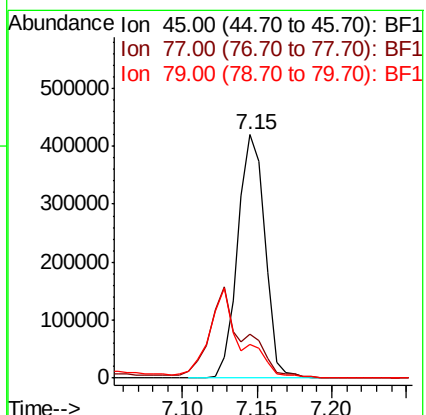
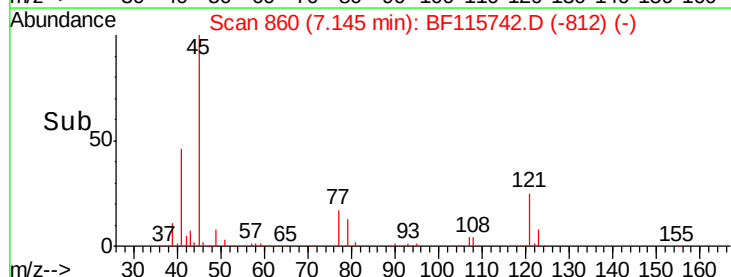
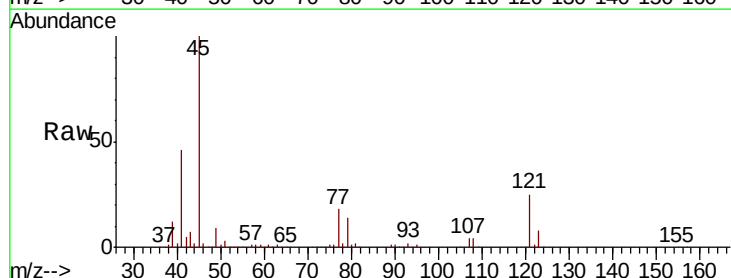
Tgt Ion: 45 Resp: 532160

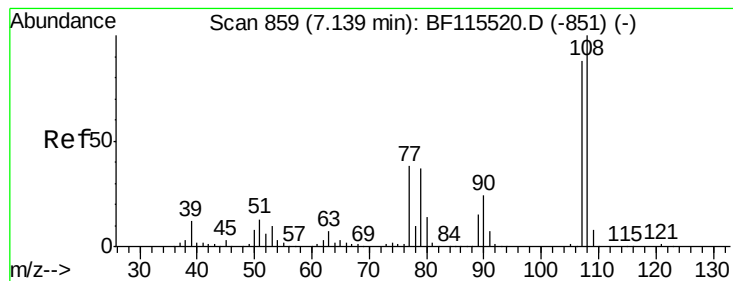
Ion Ratio Lower Upper

45 100

77 17.8 0.0 38.1

79 14.0 0.0 34.1

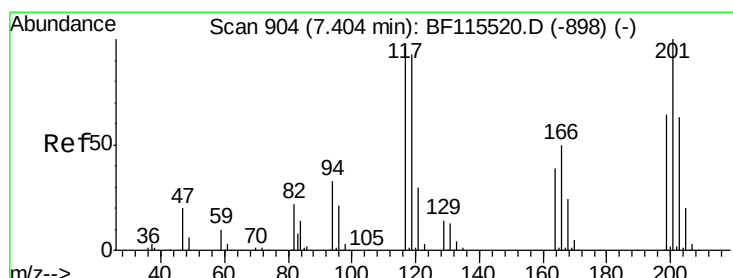
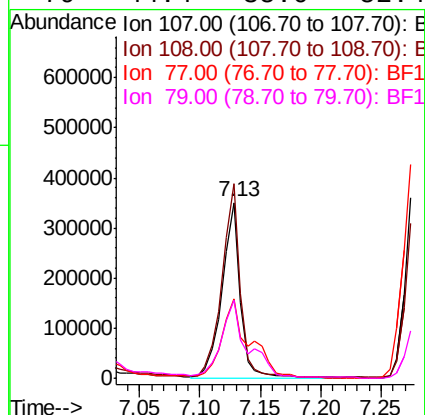
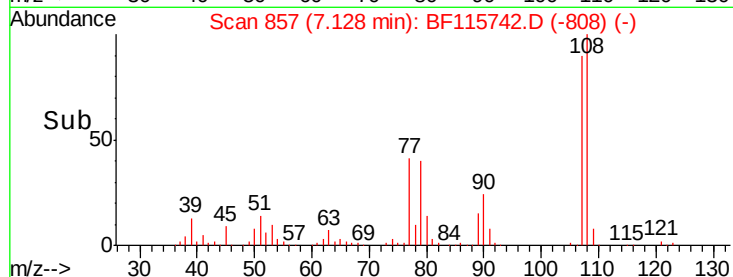
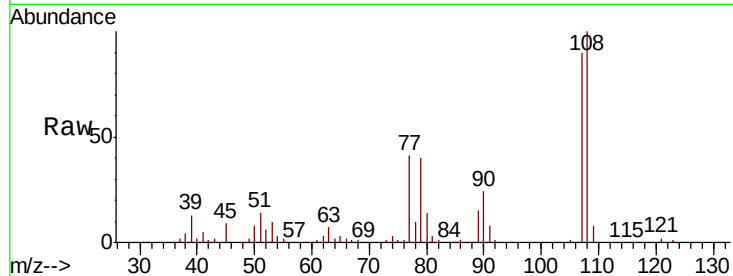




#17
2-Methylphenol
Concen: 40.757 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

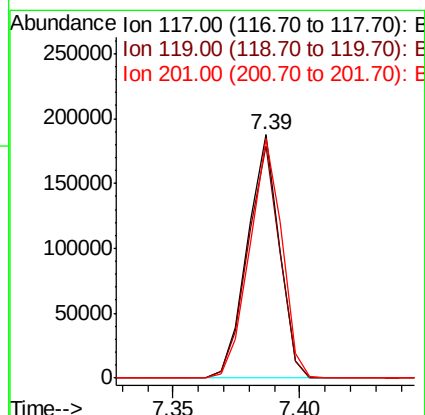
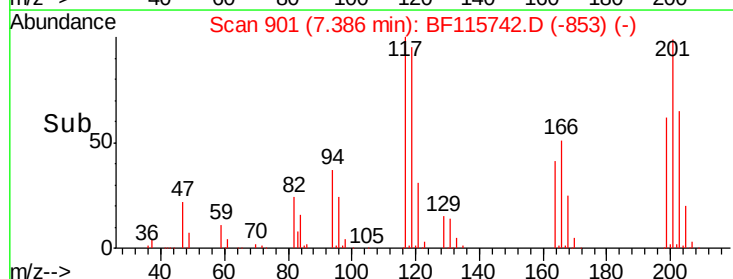
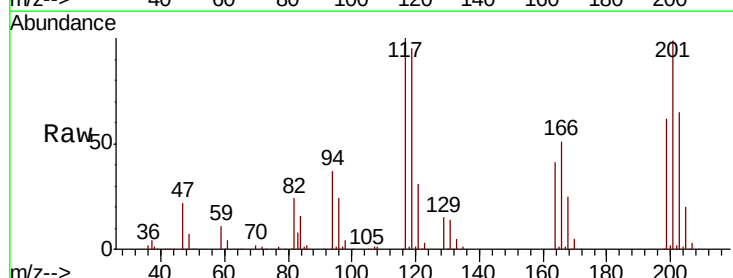
Instrument :
BNA_F
ClientSampleId :

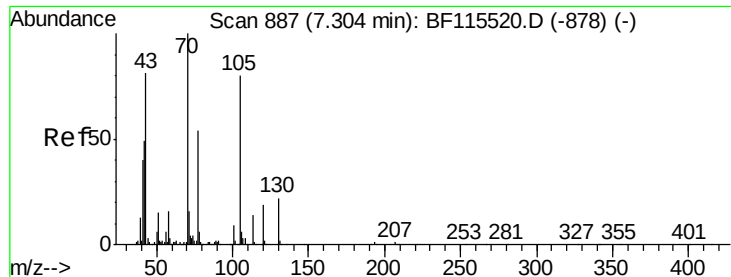
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.4	134.2
77	45.1	35.7	53.5
79	44.4	35.0	52.4



#18
Hexachloroethane
Concen: 38.152 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.7	116.5
201	98.7	86.0	129.0

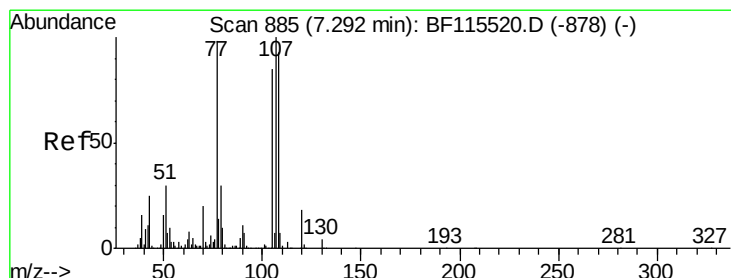
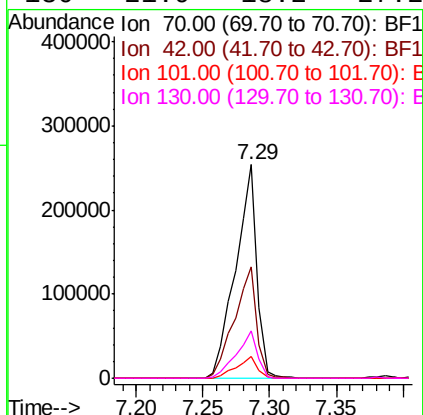
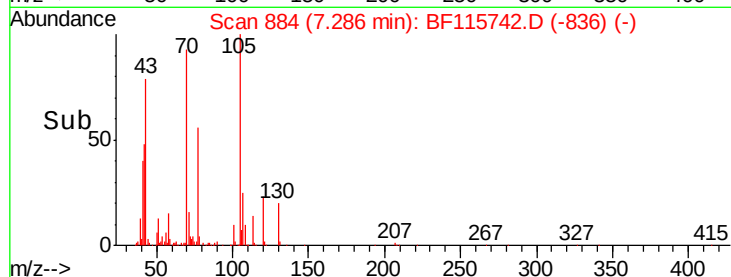
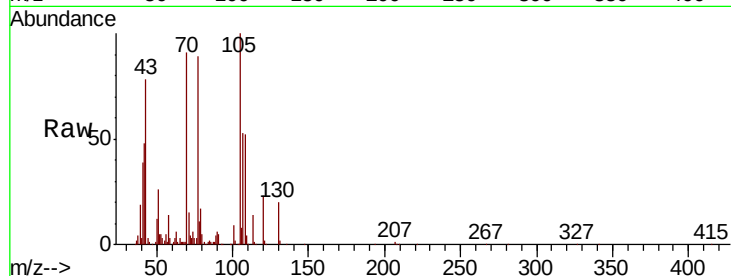




#19
n-Nitroso-di-n-propylamine
Concen: 38.235 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

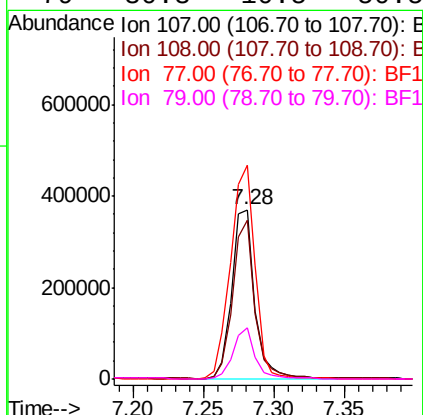
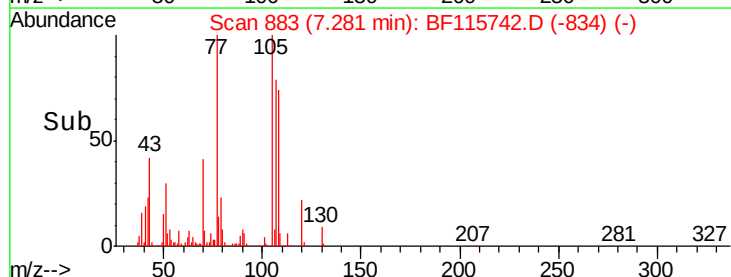
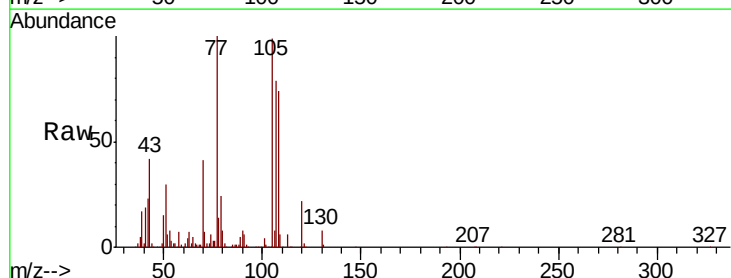
Instrument :
BNA_F
ClientSampleId :

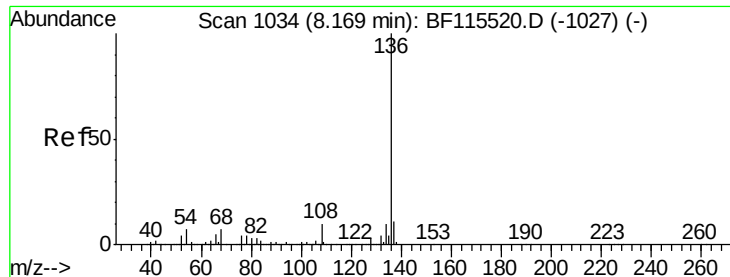
Tot Ion:	70	Resp:	284580
Ion	Ratio	Lower	Upper
70	100		
42	52.3	39.6	59.4
101	10.4	8.1	12.1
130	21.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.543 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:	107	Resp:	418571
Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.9	112.9
77	126.0	77.6	117.6#
79	30.3	10.5	50.5

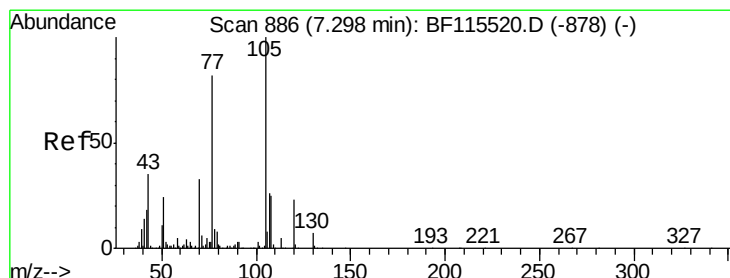
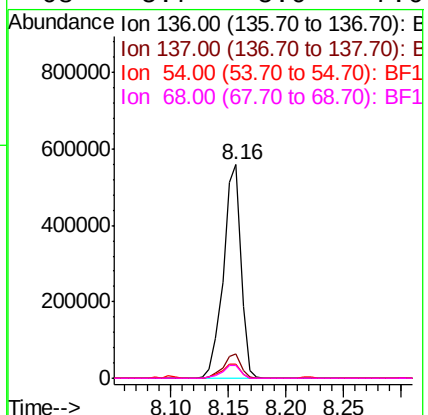
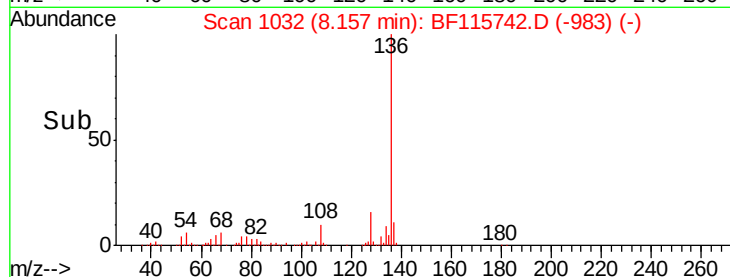
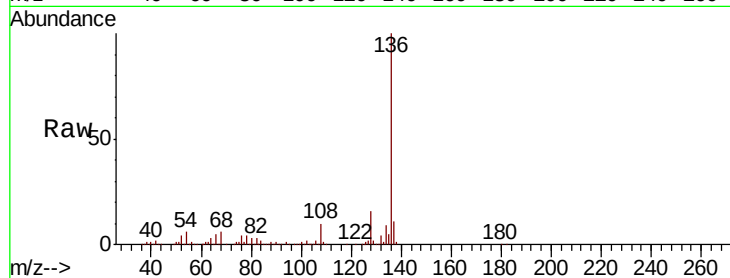




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

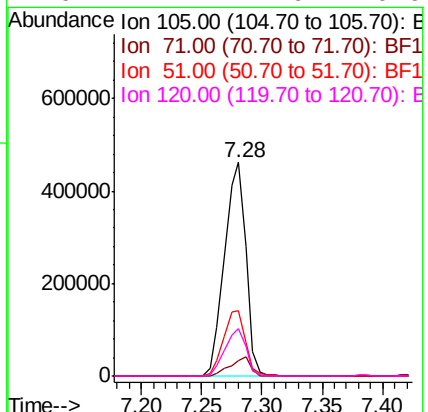
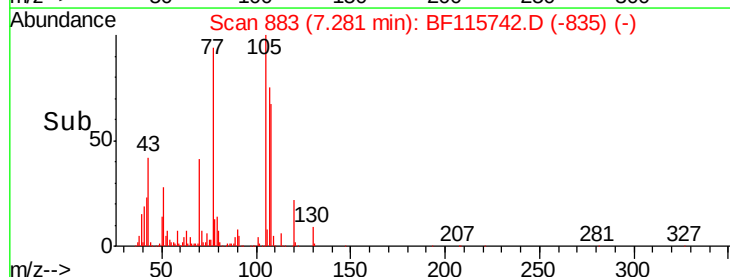
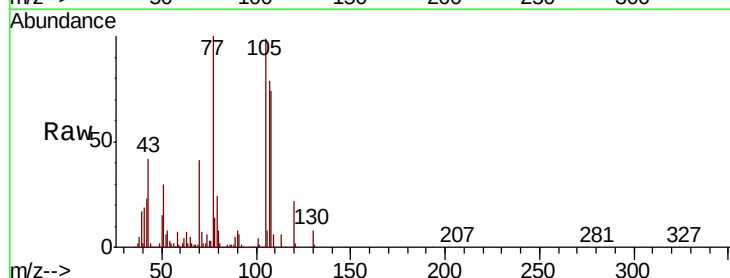
Instrument :
BNA_F
ClientSampleId :

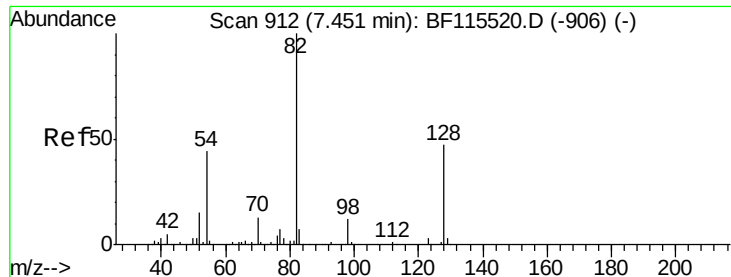
Tot Ion:136	Resp:	590006
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	6.5	5.6 8.4
68	5.7	5.0 7.6



#22
Acetophenone
Concen: 42.608 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:105	Resp:	567927
Ion Ratio	Lower	Upper
105	100	
71	7.0	3.5 5.3#
51	30.5	25.6 38.4
120	22.2	17.9 26.9

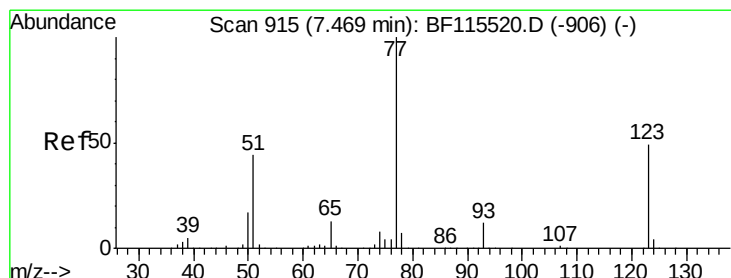
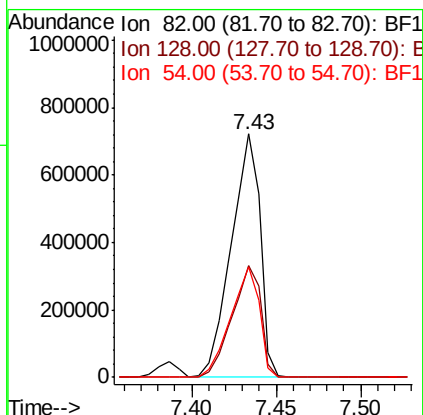
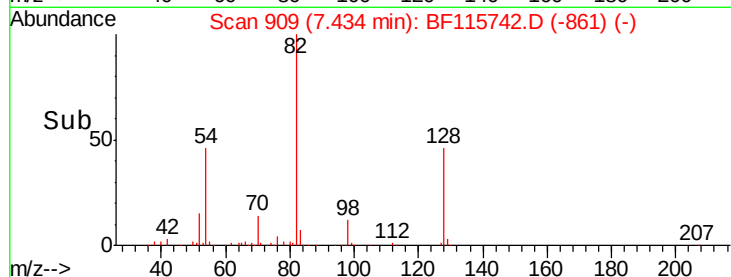
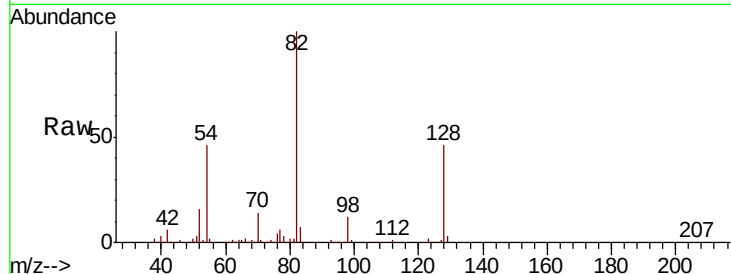




#23
Nitrobenzene-d5
Concen: 84.689 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

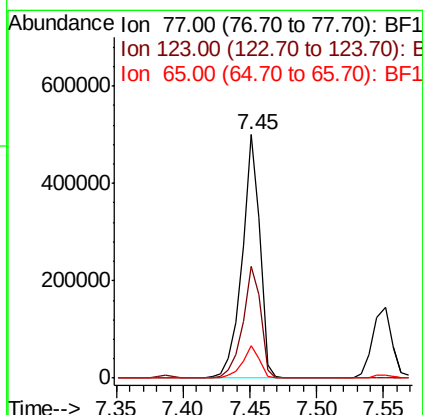
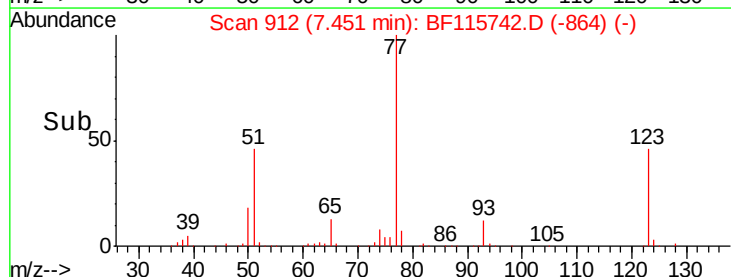
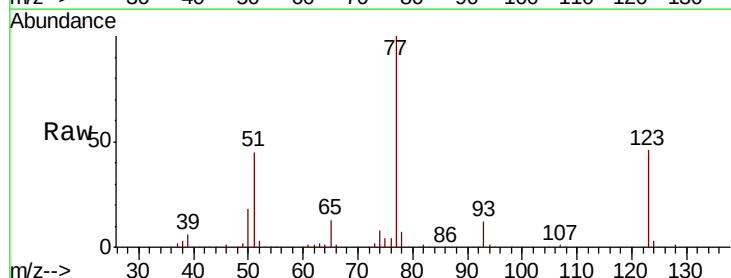
Instrument :
BNA_F
ClientSampleId :

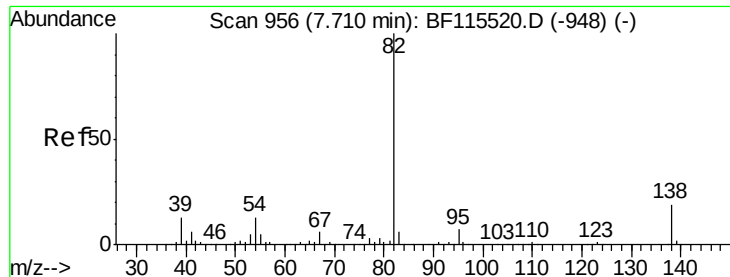
Tot Ion	82	Resp	859332
Ion Ratio	100	Lower	Upper
128	45.7	38.6	57.8
54	45.6	35.6	53.4



#24
Nitrobenzene
Concen: 41.833 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	77	Resp	457827
Ion Ratio	100	Lower	Upper
123	45.8	40.0	60.0
65	13.3	11.0	16.4





#25

Isophorone

Concen: 40.615 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

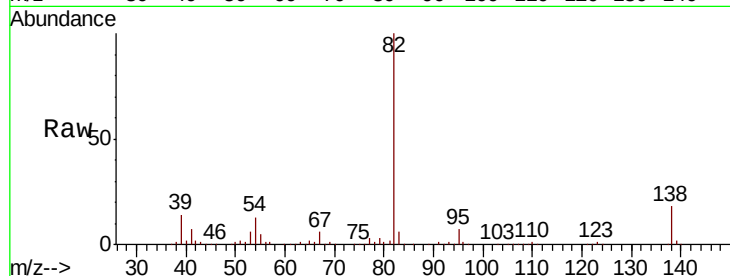
Tot Ion: 82 Resp: 824640

Ion Ratio Lower Upper

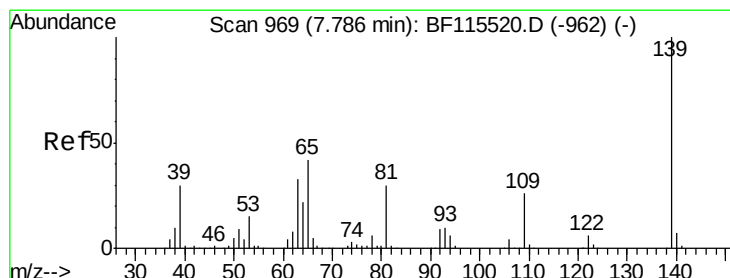
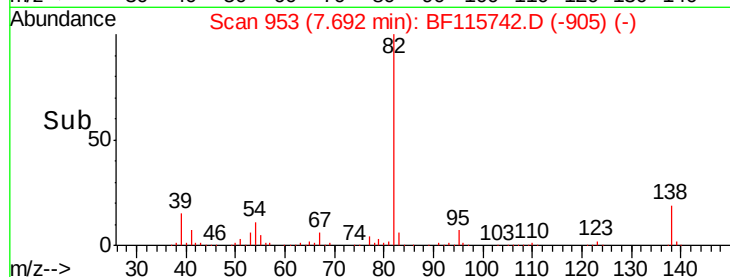
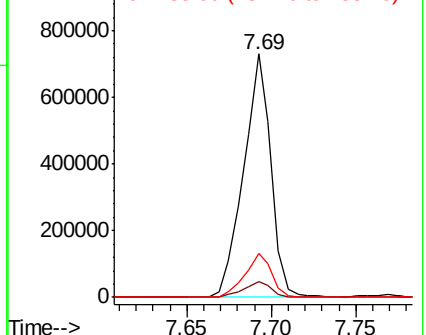
82 100

95 6.7 5.5 8.3

138 17.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.337 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

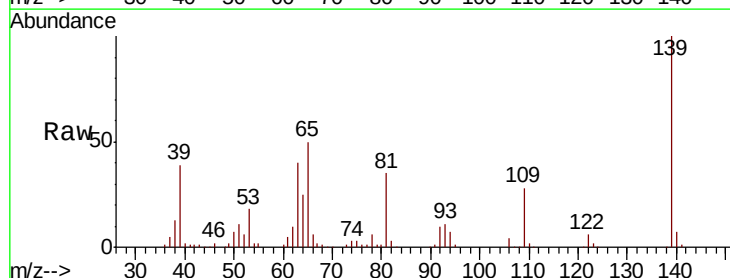
Tgt Ion: 139 Resp: 232861

Ion Ratio Lower Upper

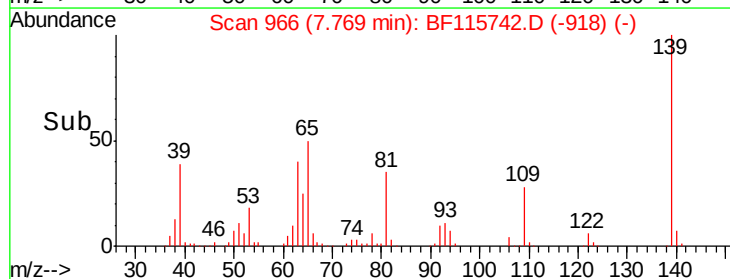
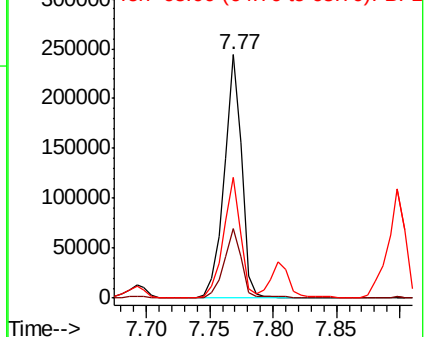
139 100

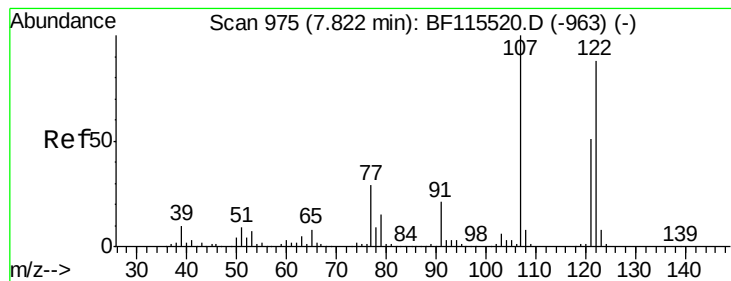
109 28.5 23.3 34.9

65 49.8 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 45.299 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

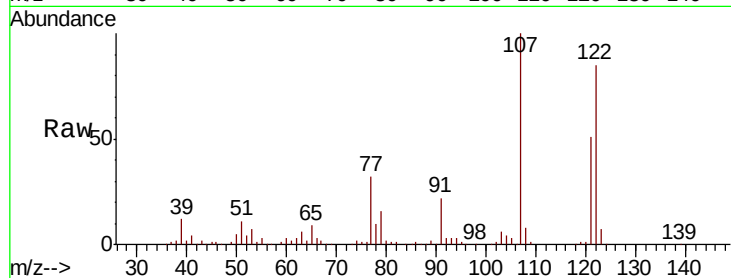
Tot Ion:122 Resp: 381809

Ion Ratio Lower Upper

122 100

107 117.7 92.9 139.3

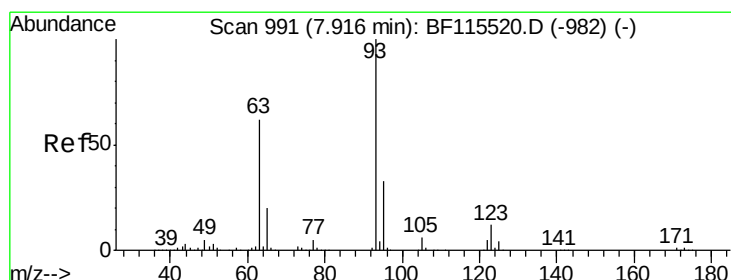
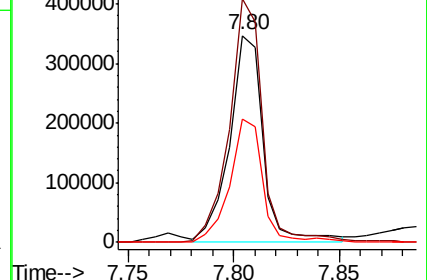
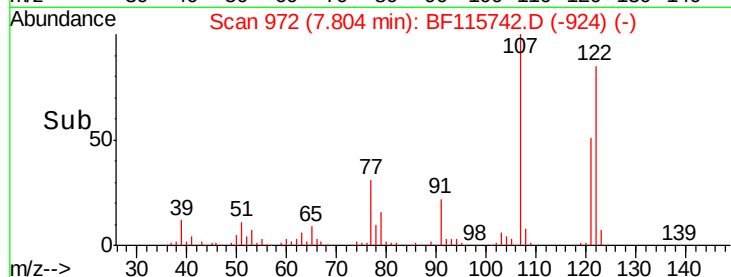
121 59.9 46.9 70.3



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: 41.415 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

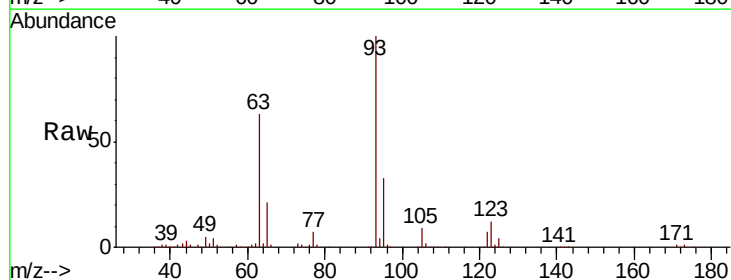
Tgt Ion: 93 Resp: 515864

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

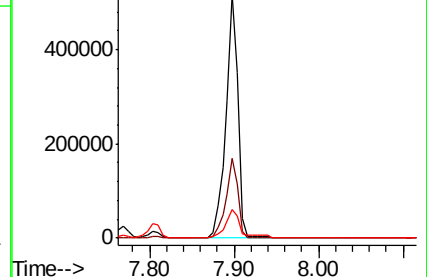
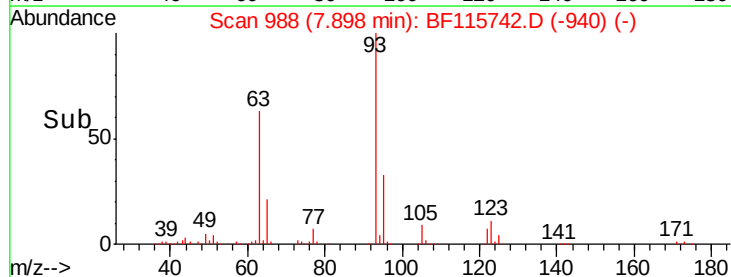
123 11.5 9.9 14.9

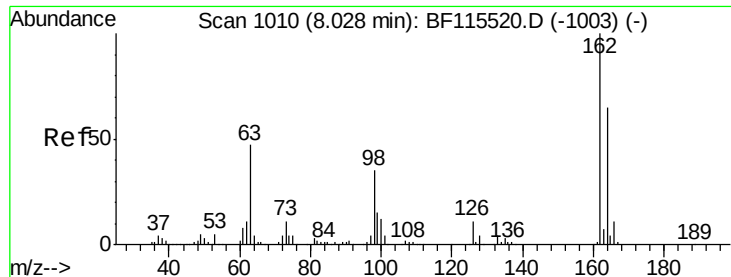


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

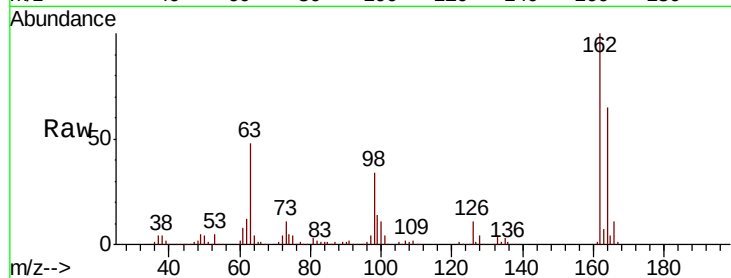




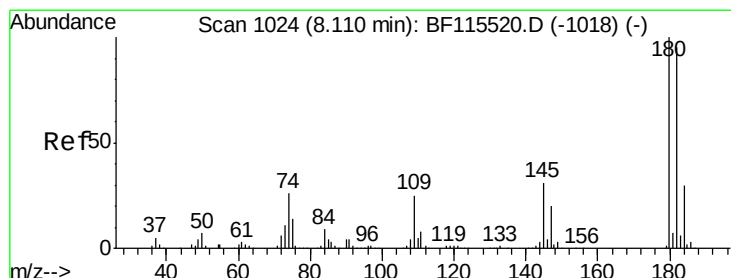
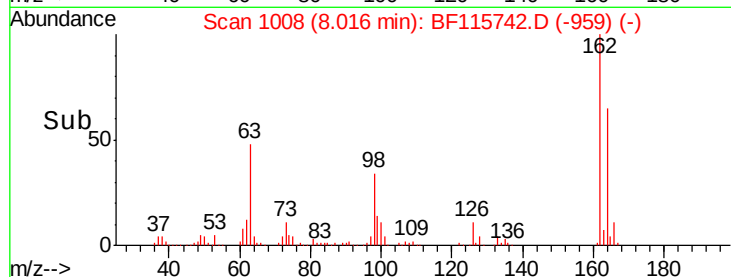
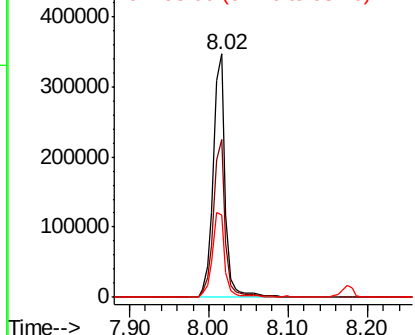
#29
 2,4-Dichlorophenol
 Concen: 41.836 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 366723
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.9 84.9
 98 33.7 17.7 57.7

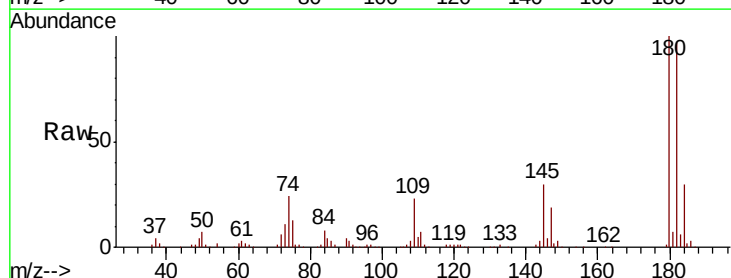


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

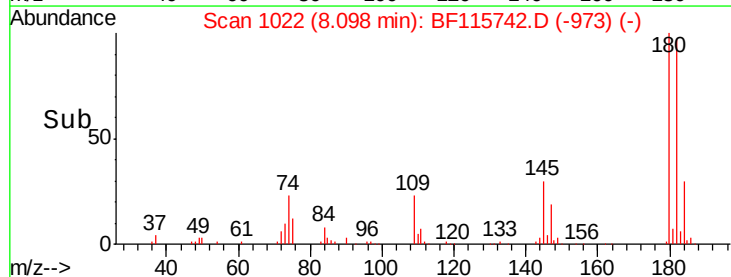
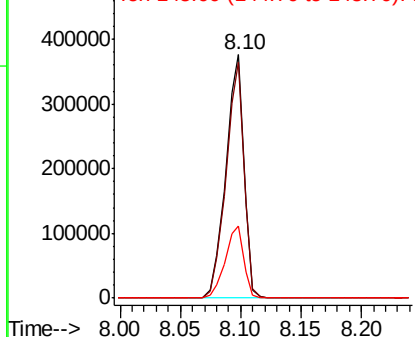


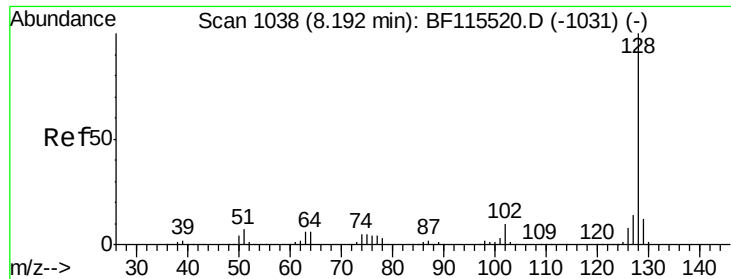
#30
 1,2,4-Trichlorobenzene
 Concen: 39.391 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion:180 Resp: 390308
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.0 112.6
 145 29.5 25.1 37.7



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: 42.144 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

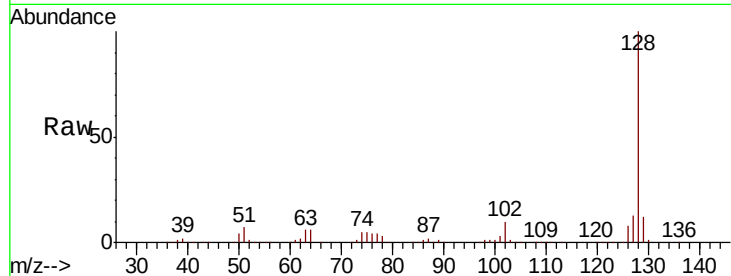
Tot Ion:128 Resp: 1204238

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

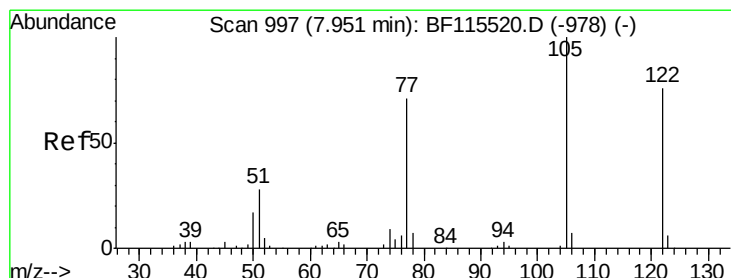
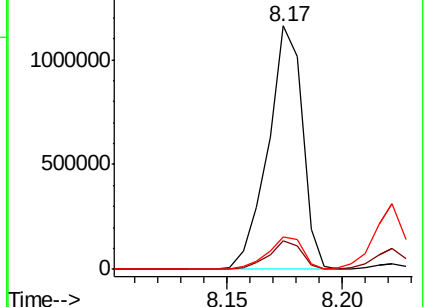
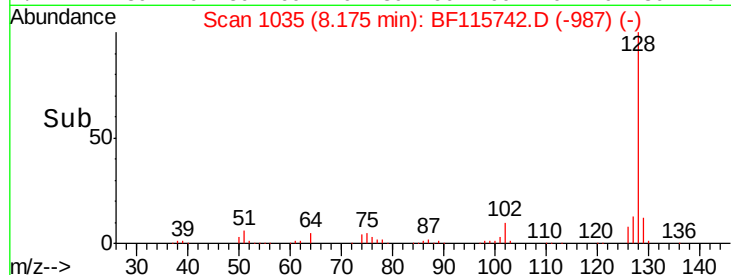
127 13.5 12.1 18.1



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: 35.729 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

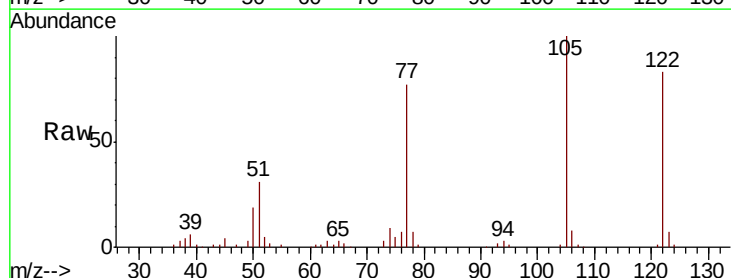
Tgt Ion:122 Resp: 247139

Ion Ratio Lower Upper

122 100

105 120.0 102.5 142.5

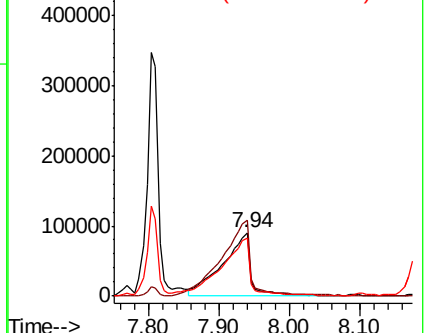
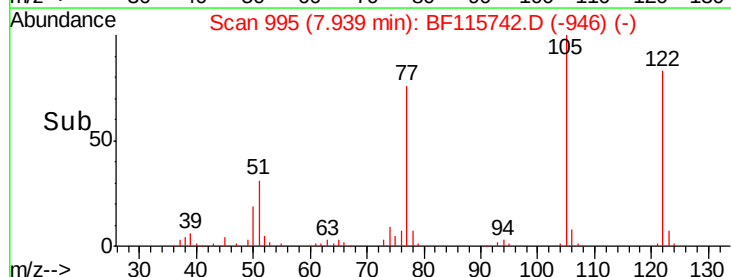
77 92.2 70.2 110.2

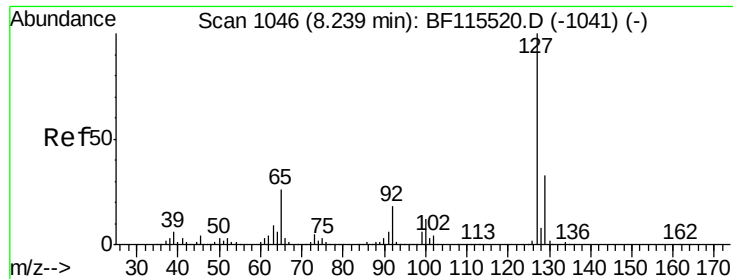


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

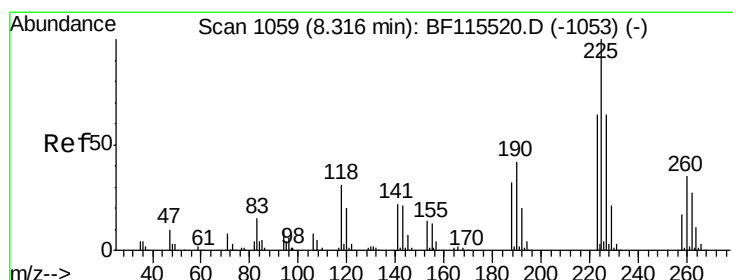
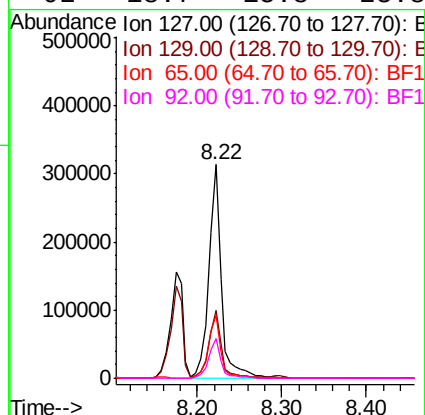
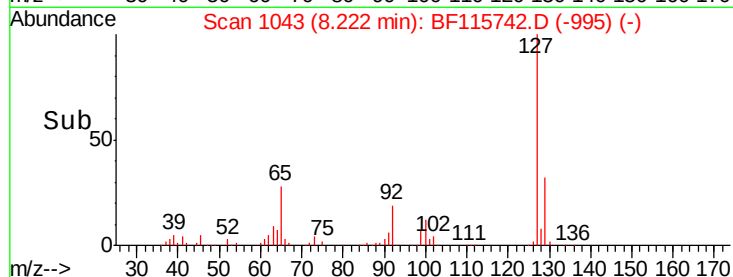
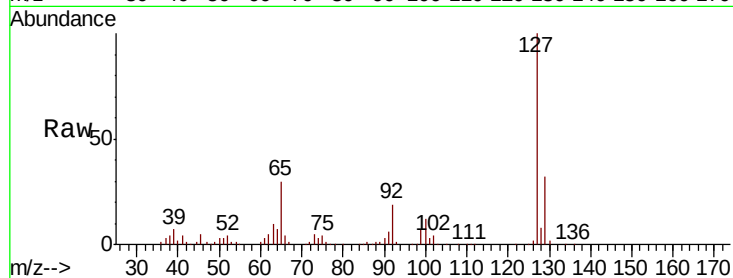




#33
4-Chloroaniline
Concen: 25.565 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

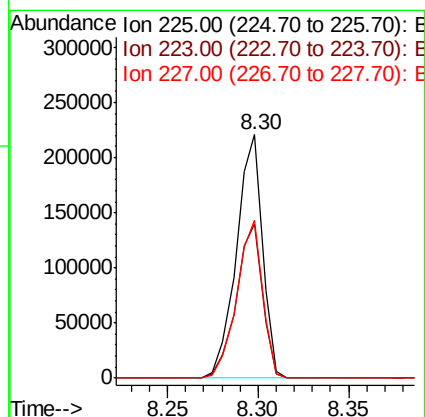
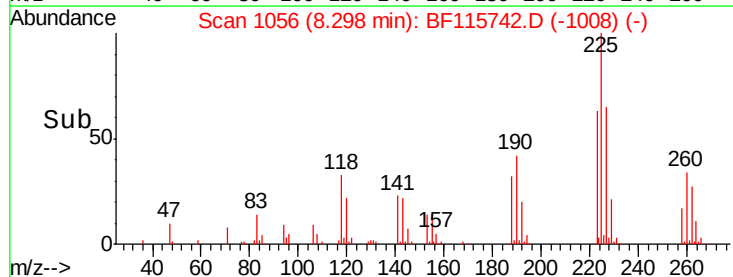
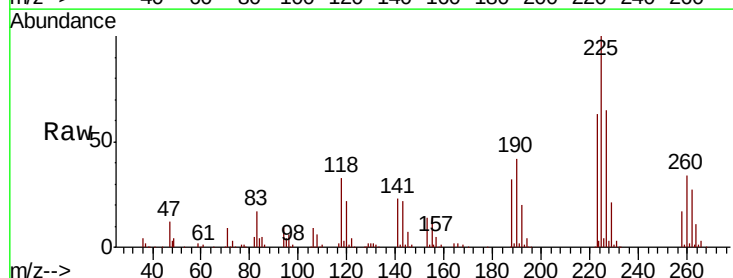
Instrument :
BNA_F
ClientSampleId :

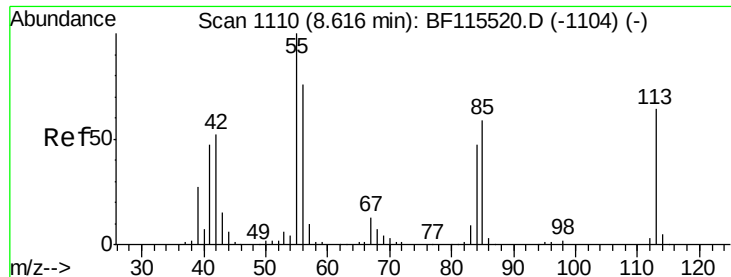
Tot Ion:	127	Resp:	323578
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	29.5	23.7	35.5
92	18.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.769 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:	225	Resp:	220291
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	65.1	50.7	76.1

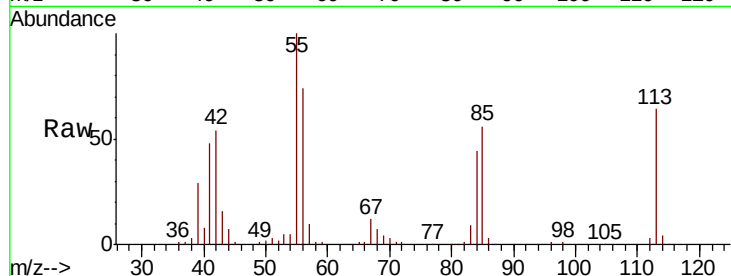




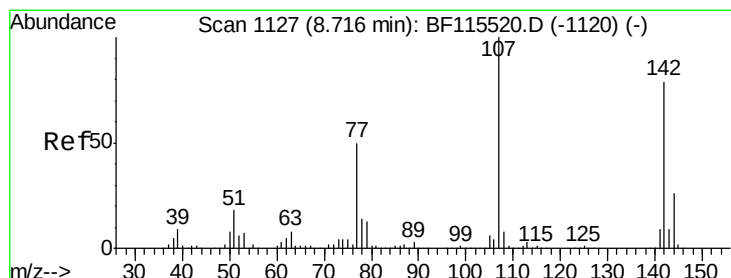
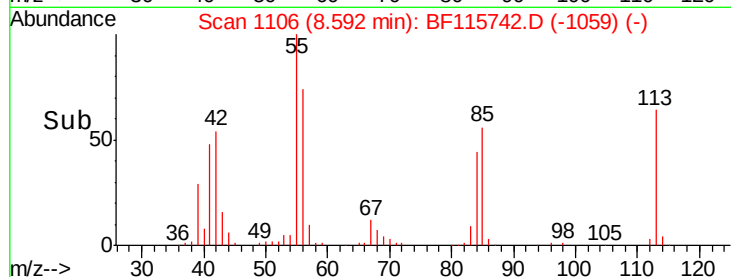
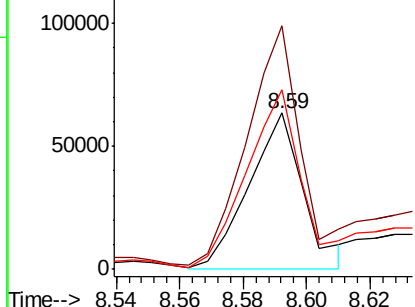
#35
 Caprolactam
 Concen: 27.816 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 75347
 Ion Ratio Lower Upper
 113 100
 55 155.5 126.9 166.9
 56 115.0 90.3 130.3

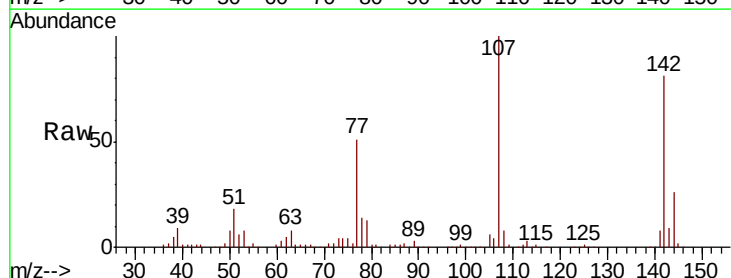


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

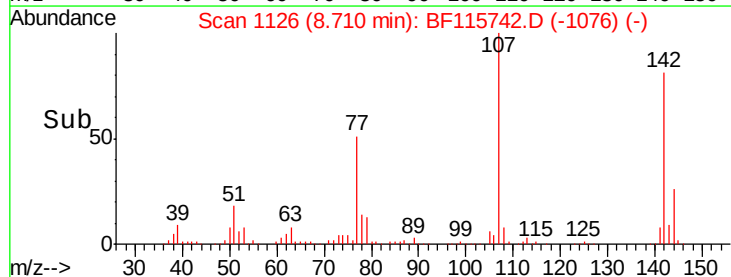
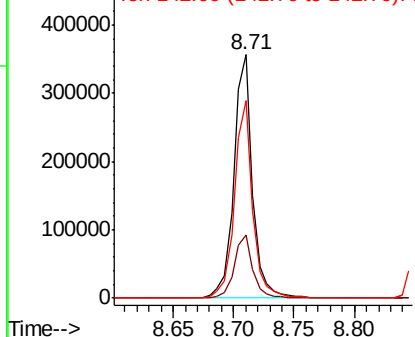


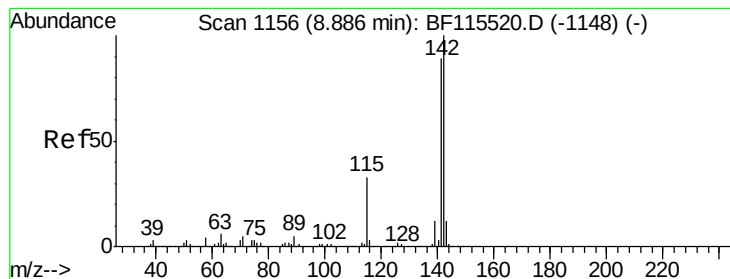
#36
 4-Chloro-3-methylphenol
 Concen: 42.111 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion:107 Resp: 382901
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 81.0 63.1 94.7



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: 43.129 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

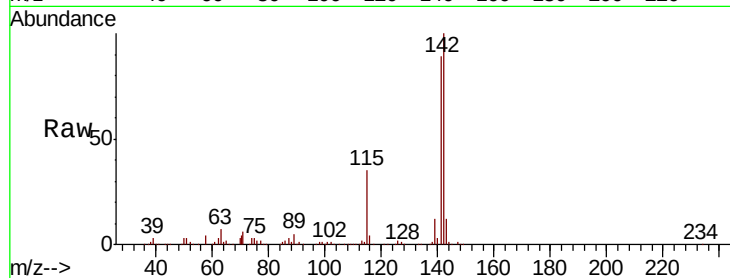
Tot Ion:142 Resp: 816894

Ion Ratio Lower Upper

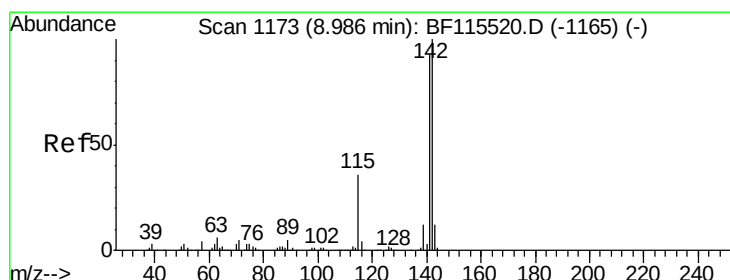
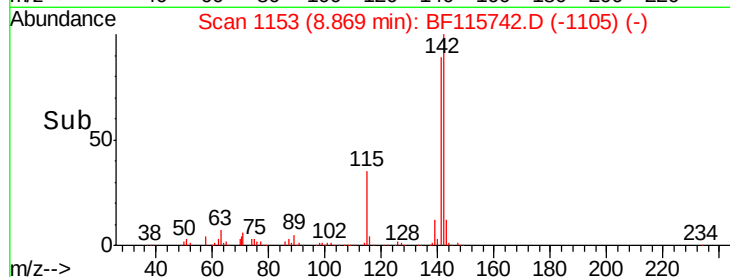
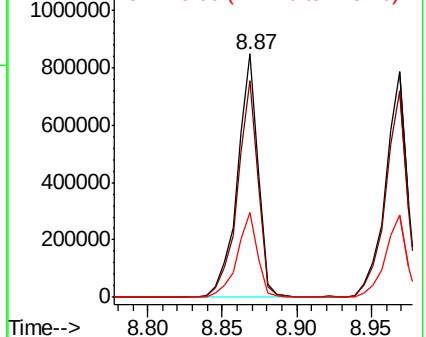
142 100

141 89.1 72.0 108.0

115 34.8 29.9 44.9



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



#38

1-Methylnaphthalene

Concen: 42.150 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

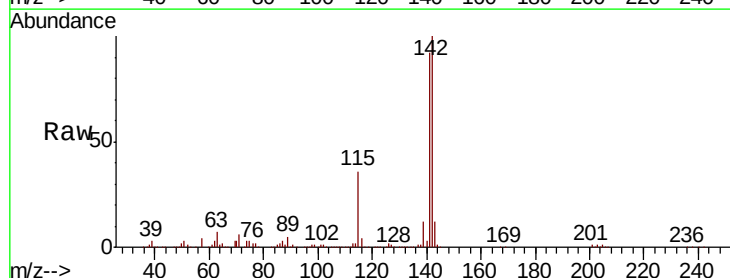
Tgt Ion:142 Resp: 758310

Ion Ratio Lower Upper

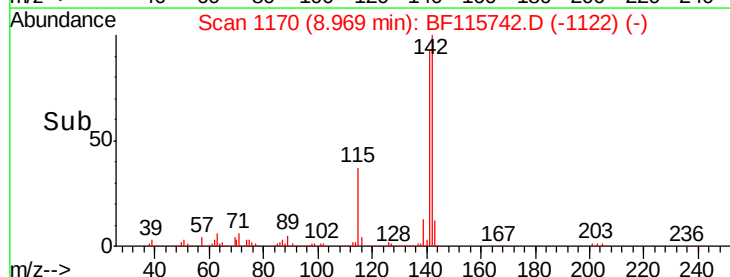
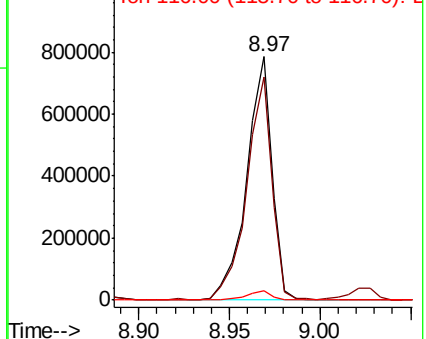
142 100

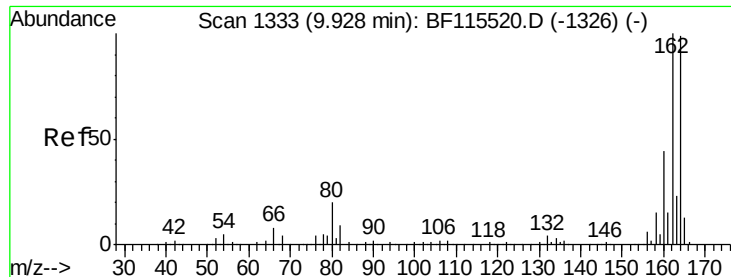
141 91.5 75.3 112.9

116 3.8 3.3 4.9



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

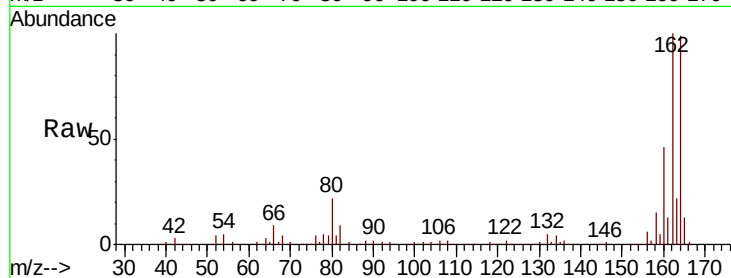




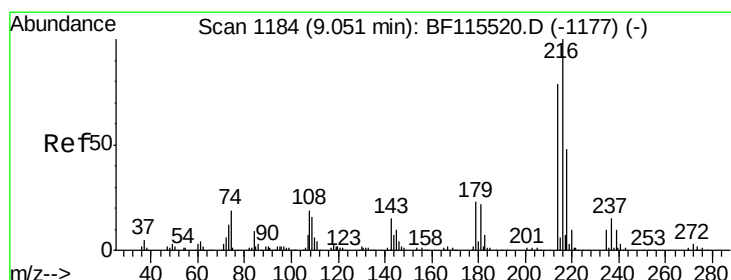
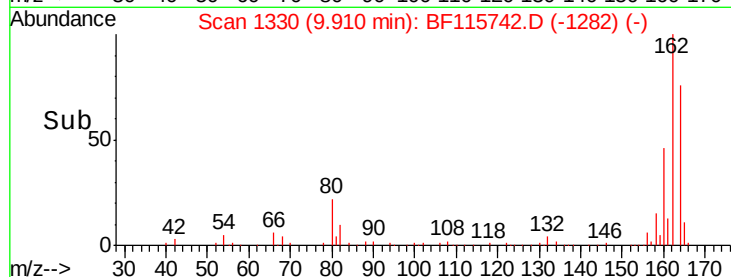
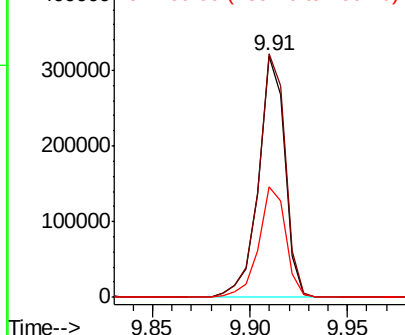
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 297679
Ion Ratio Lower Upper
164 100
162 100.8 82.9 124.3
160 46.0 36.8 55.2

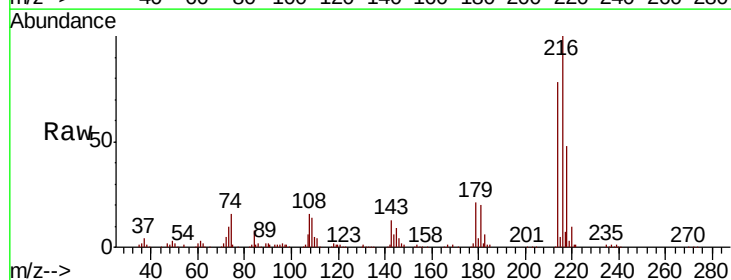


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

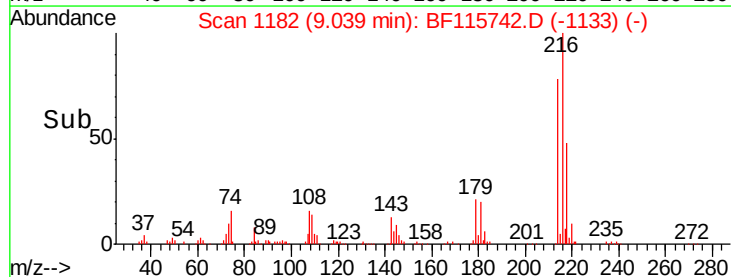
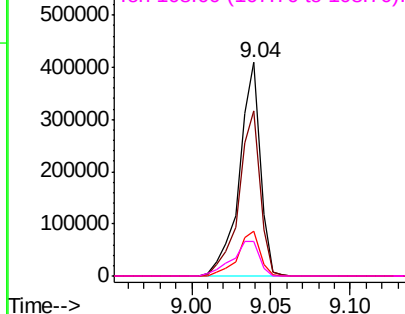


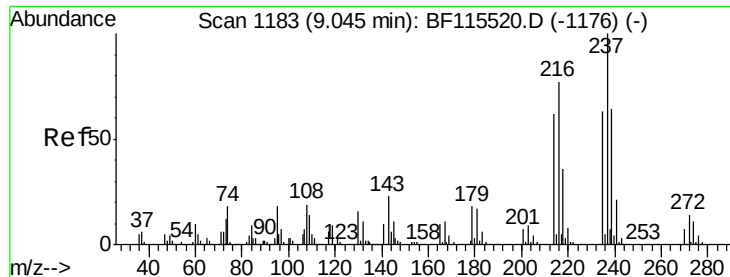
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.770 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:216 Resp: 374435
Ion Ratio Lower Upper
216 100
214 78.7 65.1 97.7
179 21.8 18.3 27.5
108 21.2 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

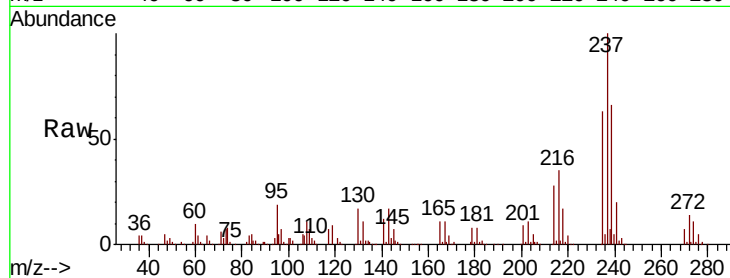




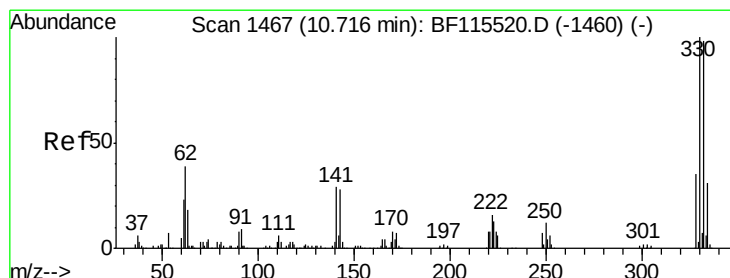
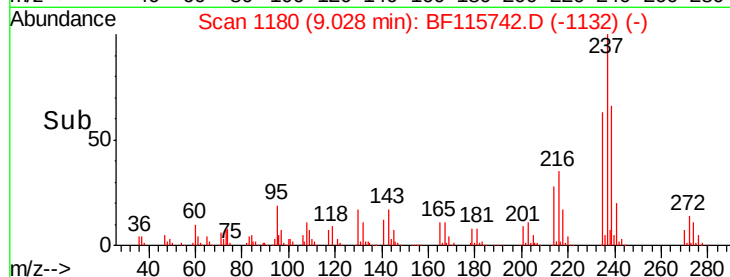
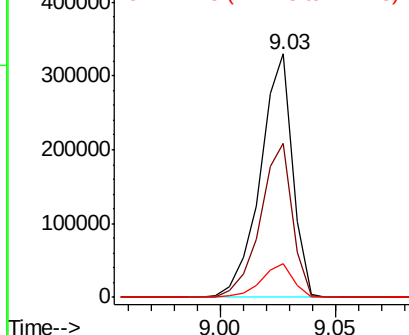
#41
Hexachlorocyclopentadiene
Concen: 62.557 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.6	83.6
272	14.0	0.0	33.9

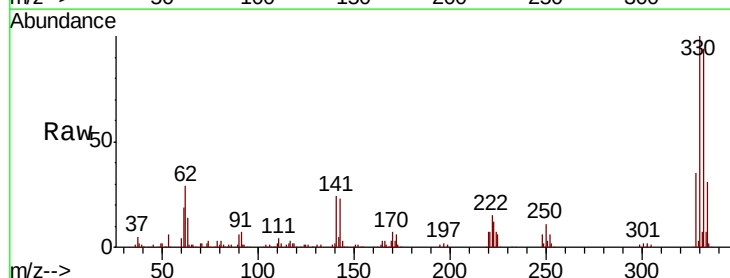


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

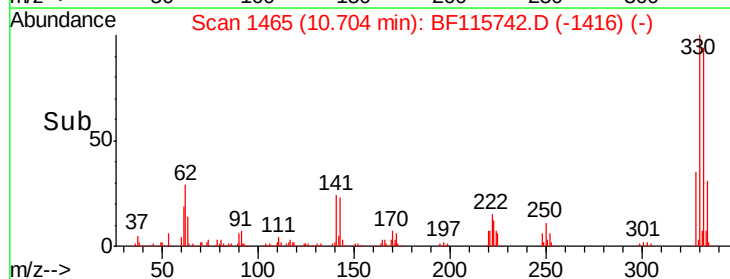
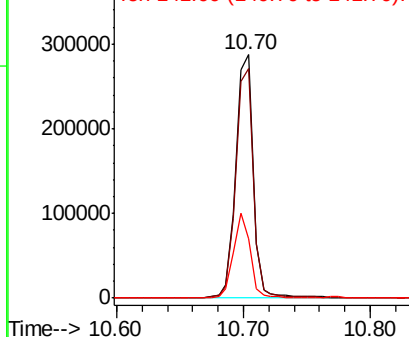


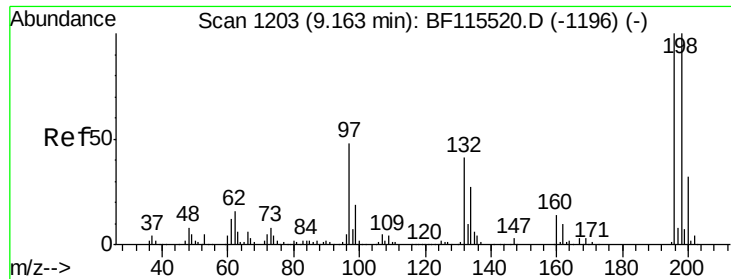
#42
2,4,6-Tribromophenol
Concen: 78.487 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	33.6	22.4	33.6



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

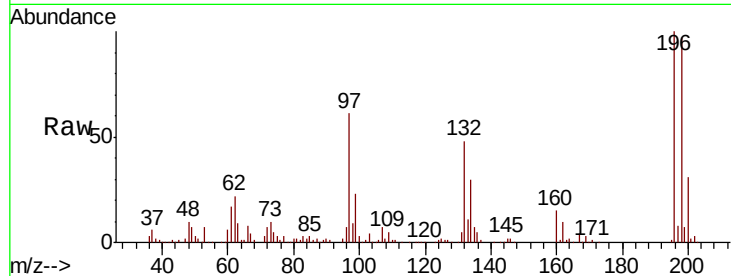




#43
 2,4,6-Trichlorophenol
 Concen: 38.565 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	252808
Ion Ratio	Lower	Upper	
196	100		
198	97.5	80.6	121.0
200	30.8	25.8	38.6

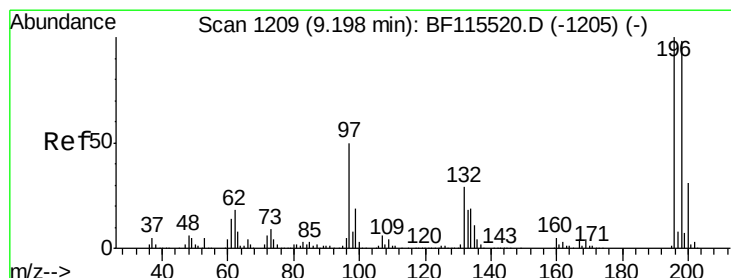
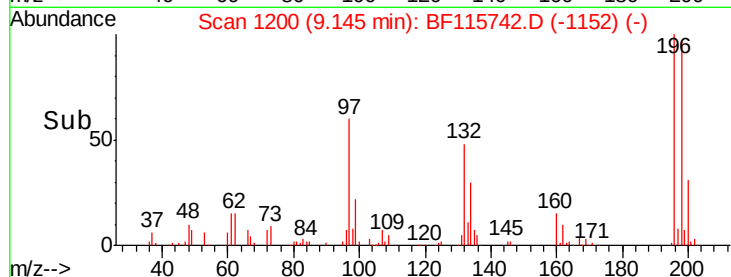
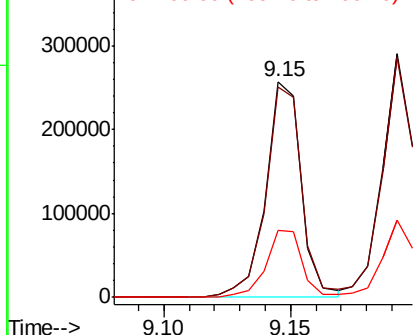


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.170 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	196	Resp	269680
Ion Ratio	Lower	Upper	
196	100		
198	98.7	79.6	119.4
97	50.1	37.8	56.6
132	29.2	22.8	34.2

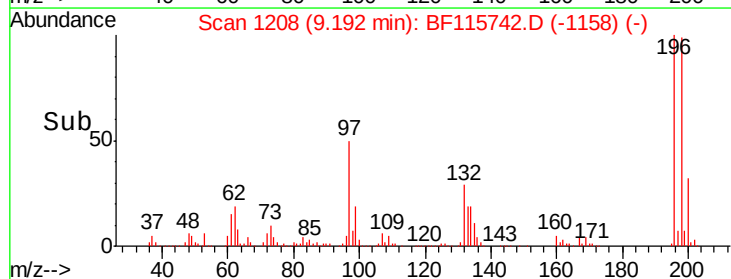
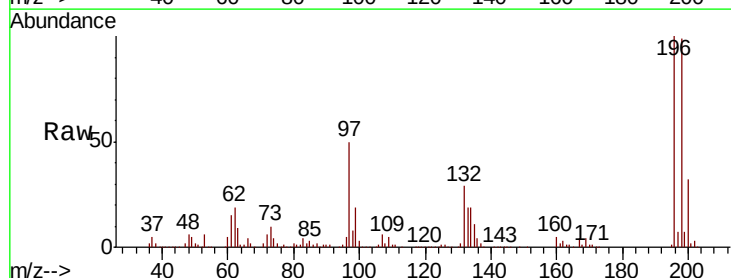
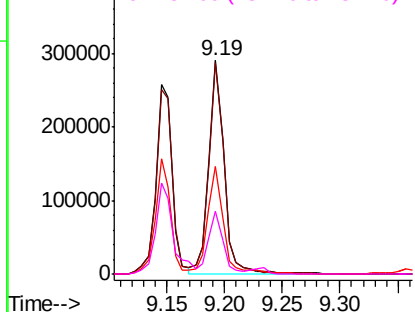
Abundance

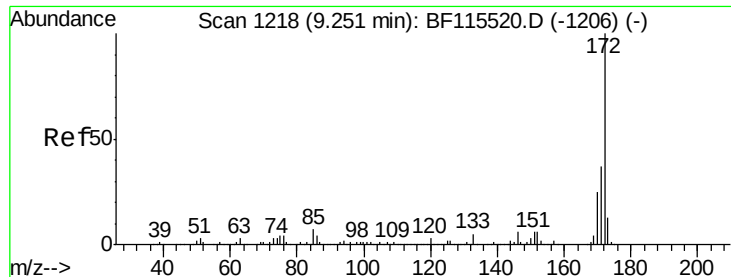
Ion 196.00 (195.70 to 196.70): E

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: 90.538 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

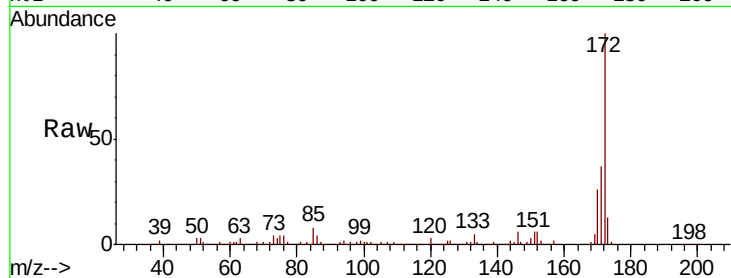
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1539829

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	25.6	20.5	30.7

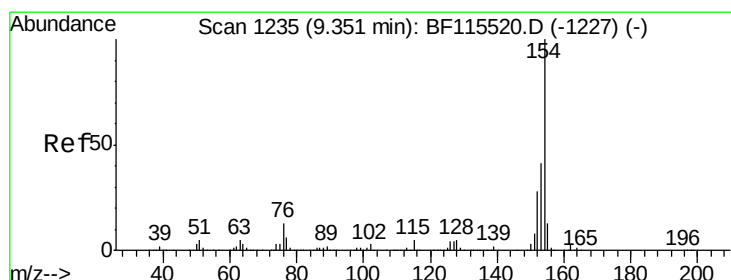
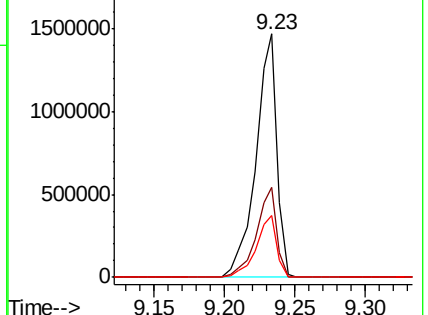
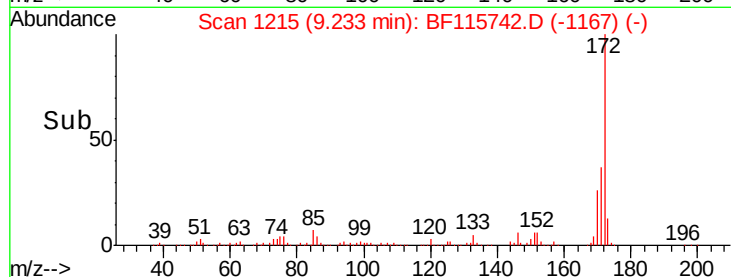


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.032 ng

RT: 9.33 min Scan# 1232

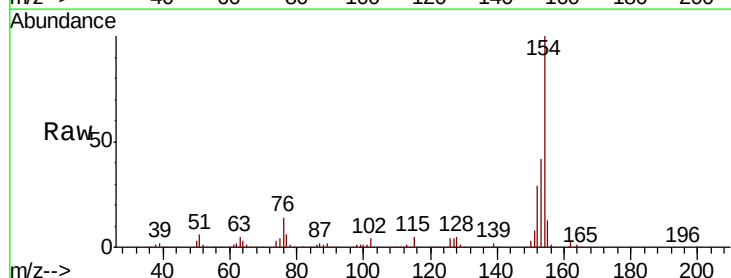
Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:154 Resp: 978184

Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.6	62.6
76	13.6	0.0	33.4

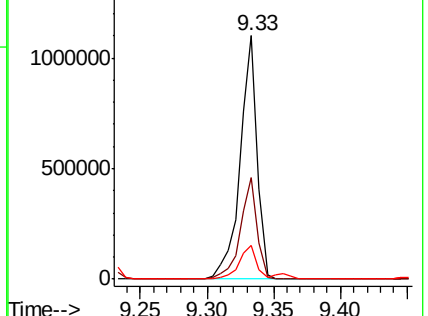
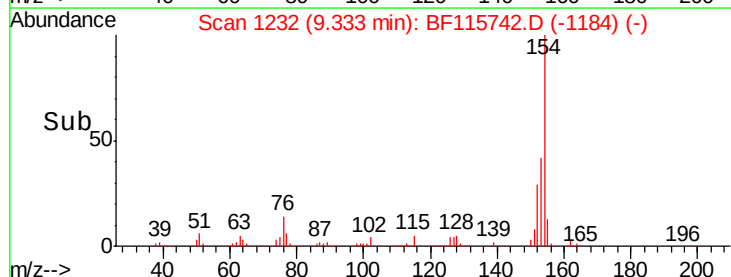


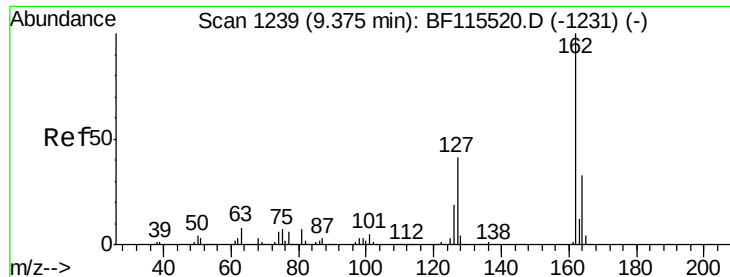
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

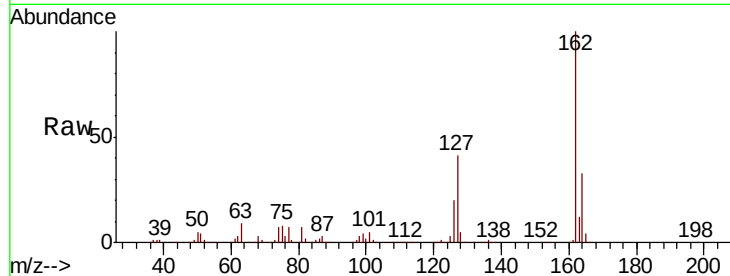




#47
 2-Chloronaphthalene
 Concen: 40.334 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	34.1	51.1
164	33.3	27.4	41.2

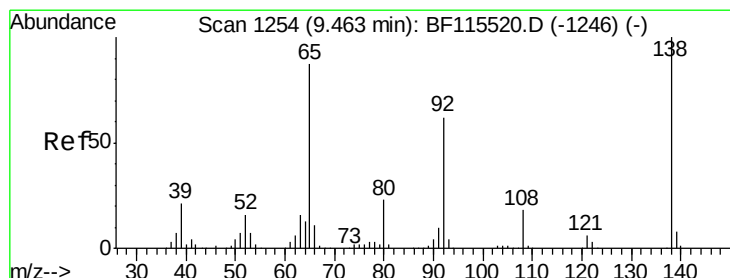
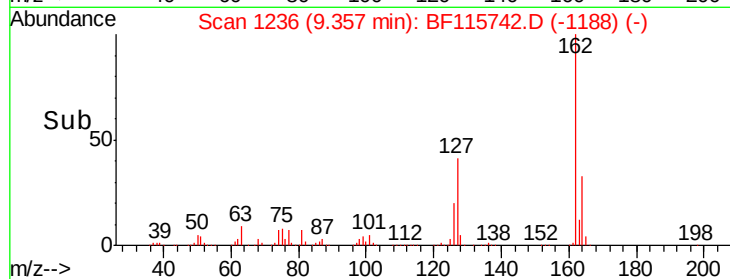
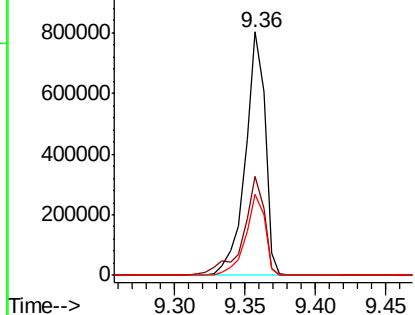


Abundance

Ion 162.00 (161.70 to 162.70): E

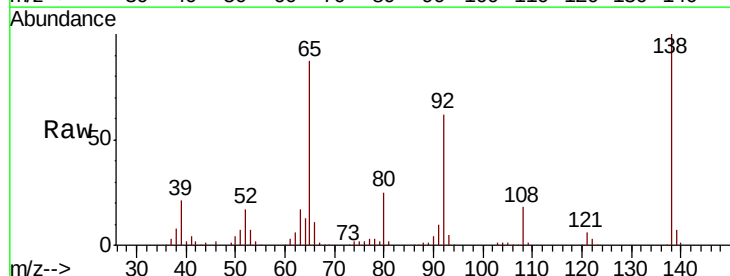
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.193 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.8	86.6
138	114.6	91.2	136.8

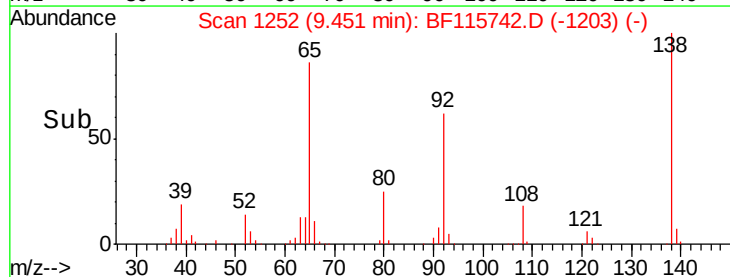
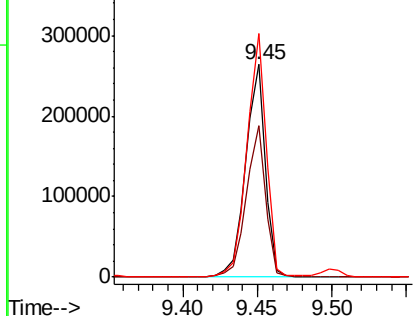


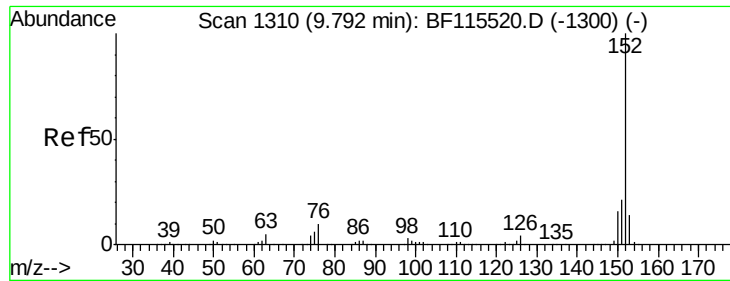
Abundance

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: 41.903 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

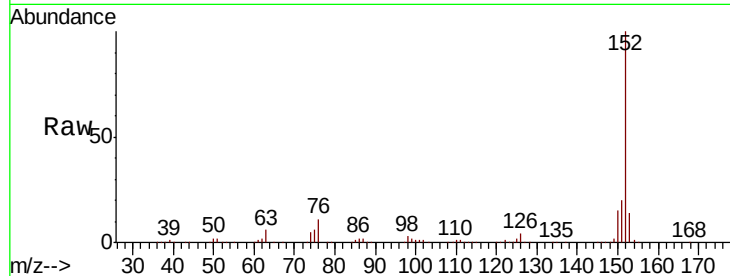
Tot Ion:152 Resp: 1203172

Ion Ratio Lower Upper

152 100

151 20.4 17.7 26.5

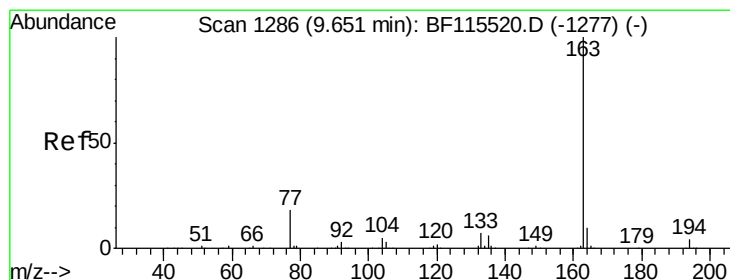
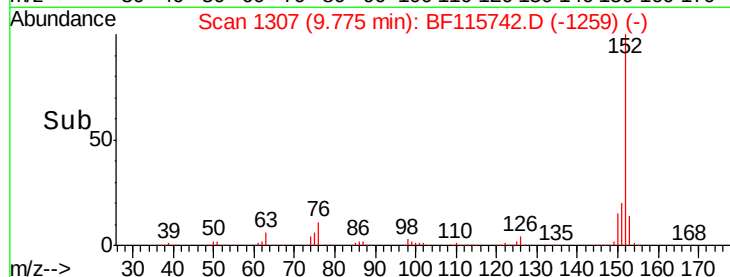
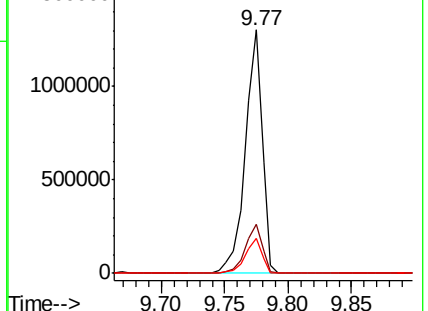
153 14.1 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.309 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

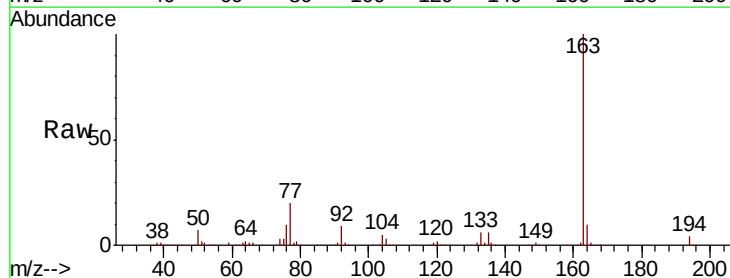
Tgt Ion:163 Resp: 902784

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

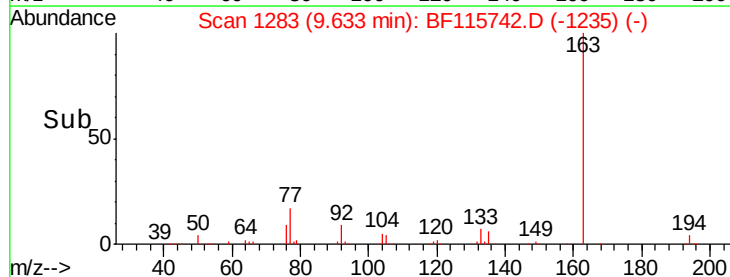
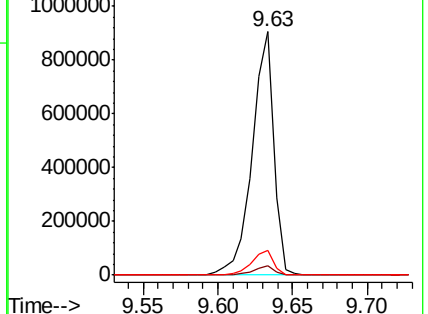
164 10.1 8.7 13.1

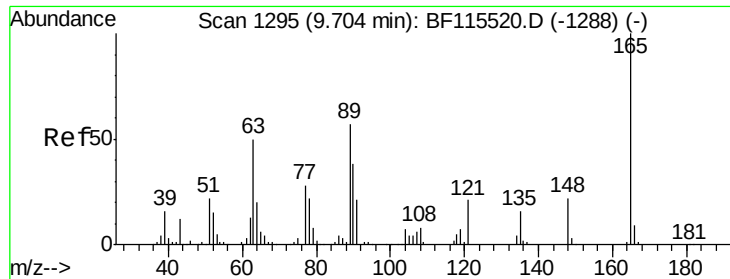


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

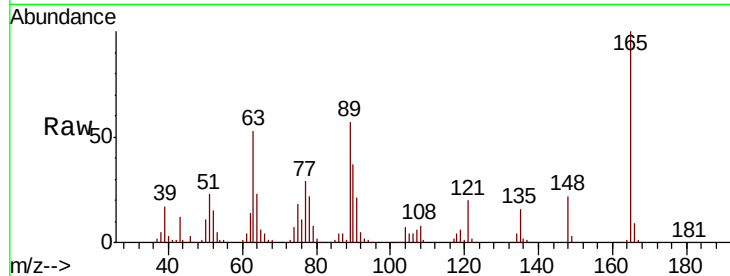




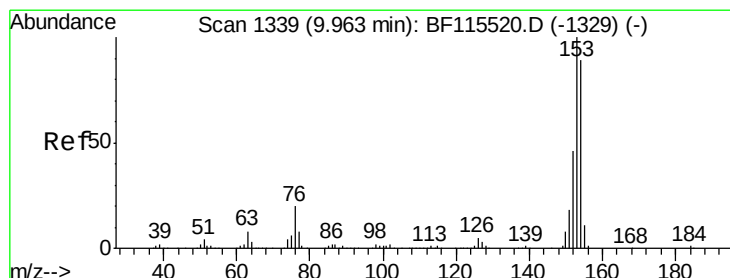
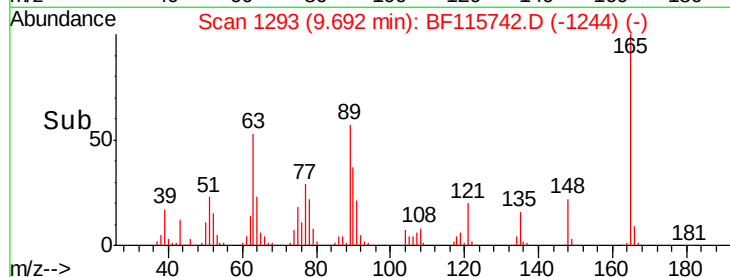
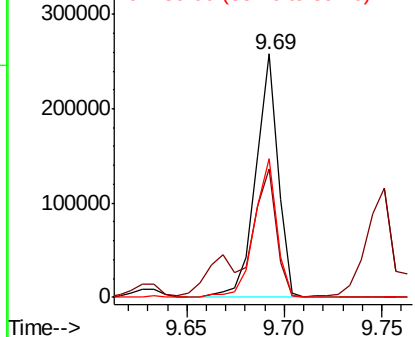
#51
 2,6-Dinitrotoluene
 Concen: 40.148 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.7	40.6	61.0
89	56.8	43.9	65.9

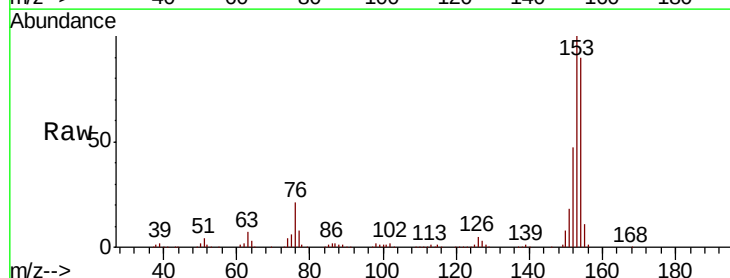


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

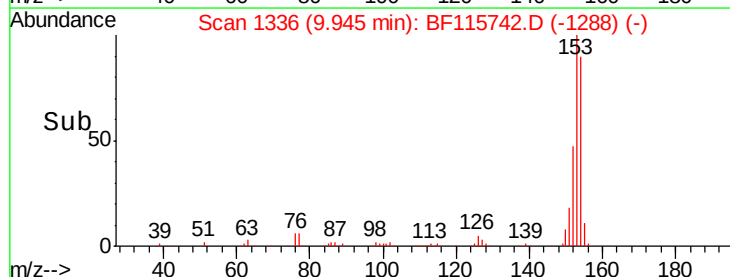
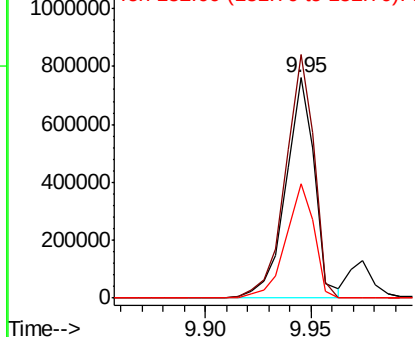


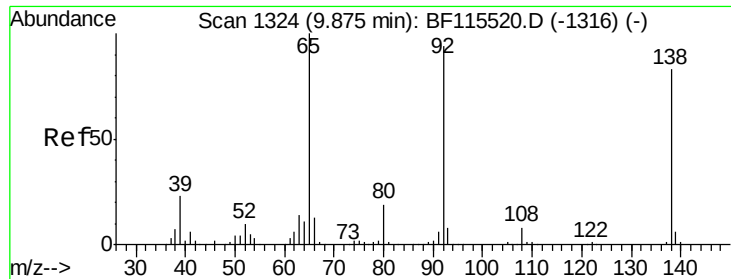
#52
 Acenaphthene
 Concen: 39.048 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	88.6	133.0
152	52.1	42.3	63.5



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

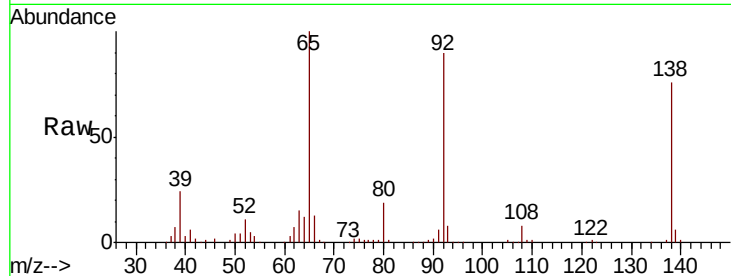




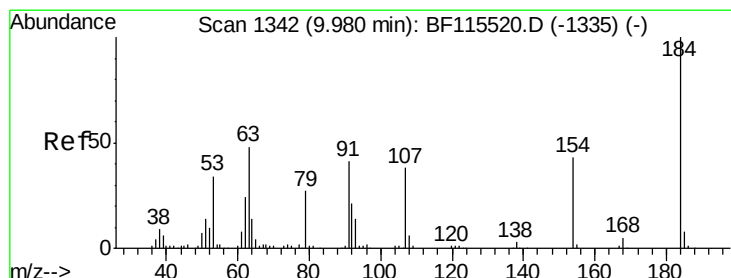
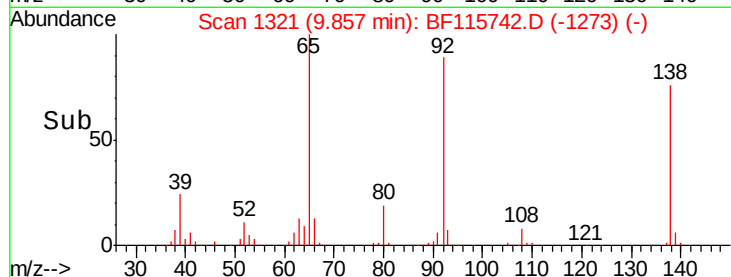
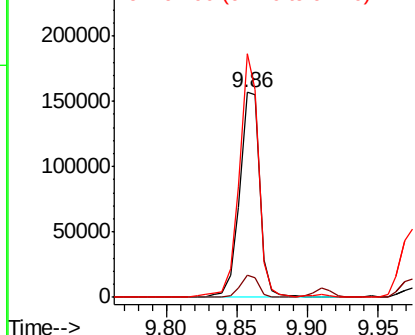
#53
3-Nitroaniline
Concen: 27.054 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 157355
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 118.9 88.0 132.0

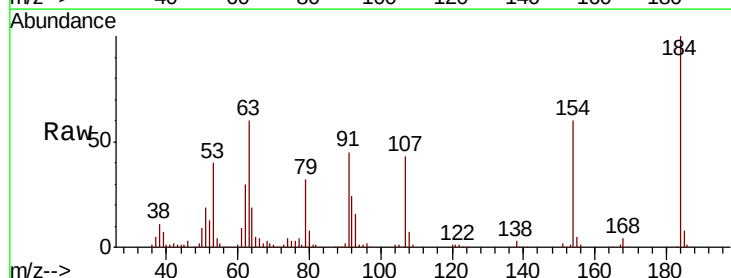


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

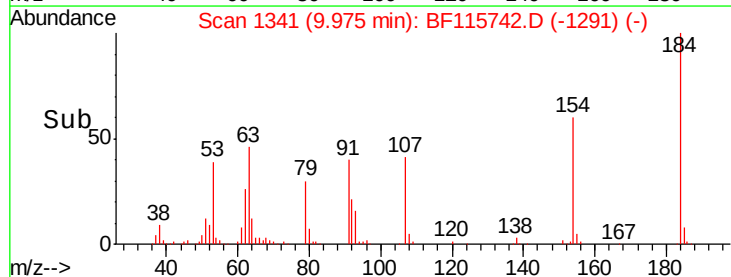
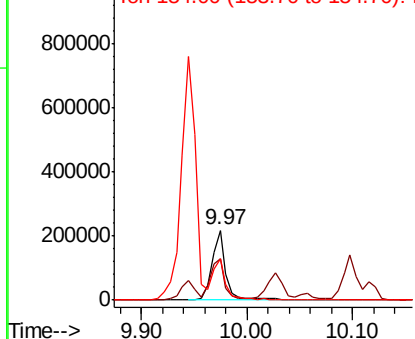


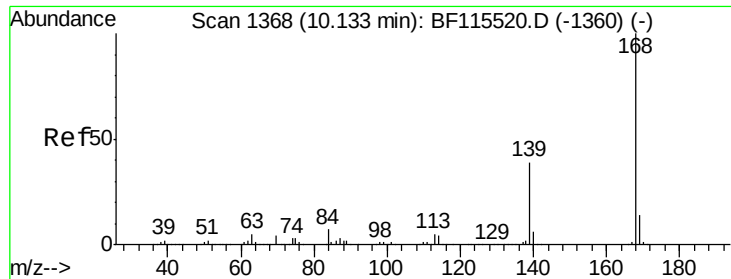
#54
2,4-Dinitrophenol
Concen: 76.694 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:184 Resp: 200413
Ion Ratio Lower Upper
184 100
63 59.8 48.7 73.1
154 60.2 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

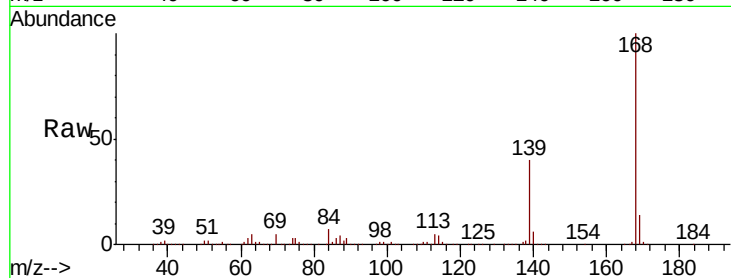




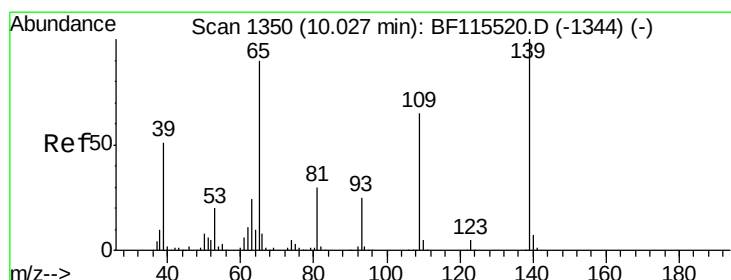
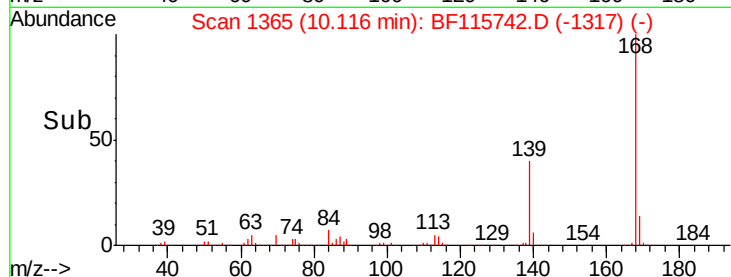
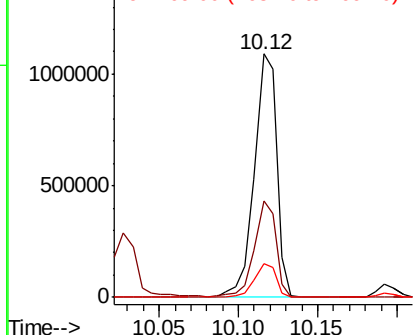
#55
Dibenzofuran
Concen: 40.896 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1076622
Ion Ratio Lower Upper
168 100
139 39.7 31.1 46.7
169 13.8 11.1 16.7

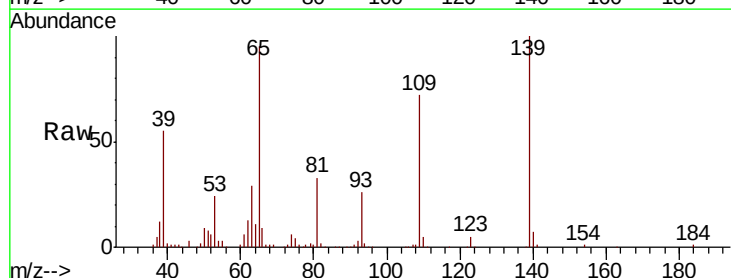


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

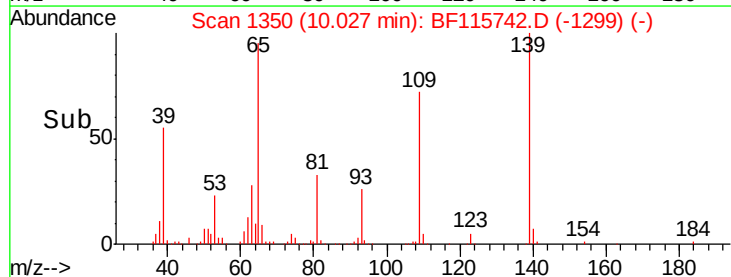
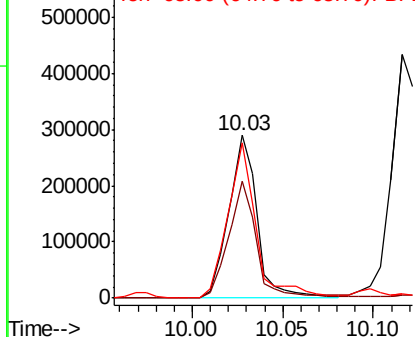


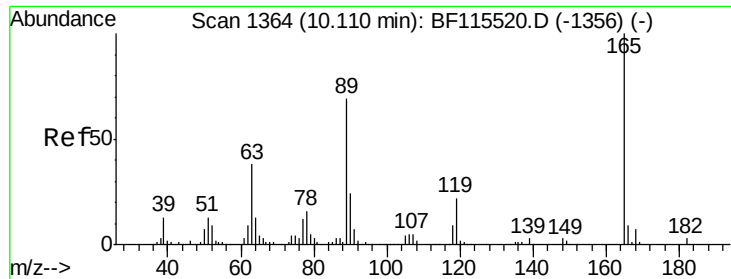
#56
4-Nitrophenol
Concen: 71.509 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:139 Resp: 317162
Ion Ratio Lower Upper
139 100
109 71.9 46.4 86.4
65 95.2 68.9 108.9



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

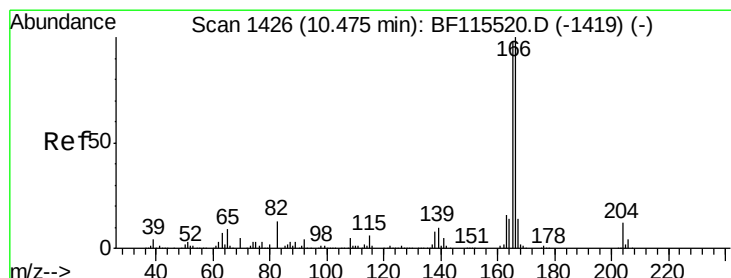
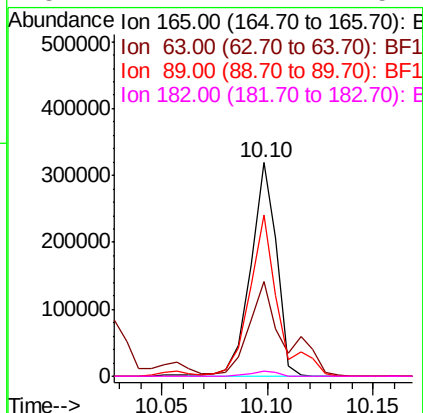
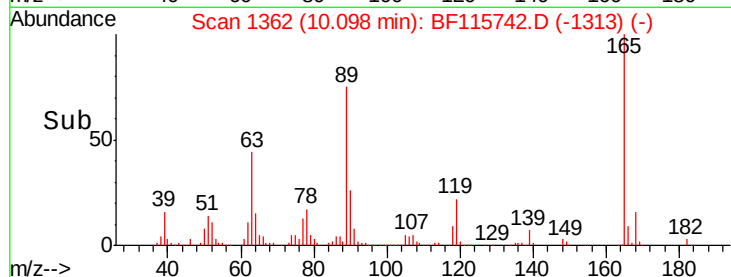
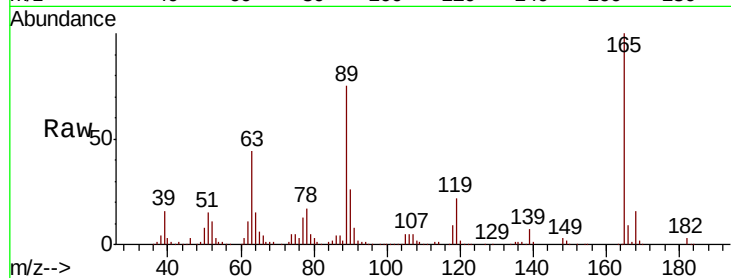




#57
2,4-Dinitrotoluene
Concen: 41.075 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

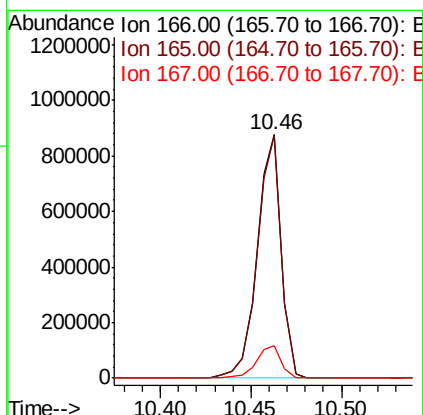
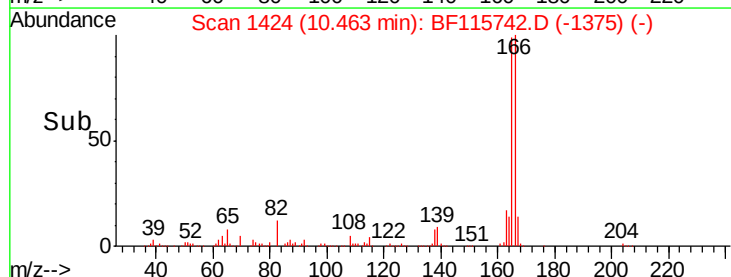
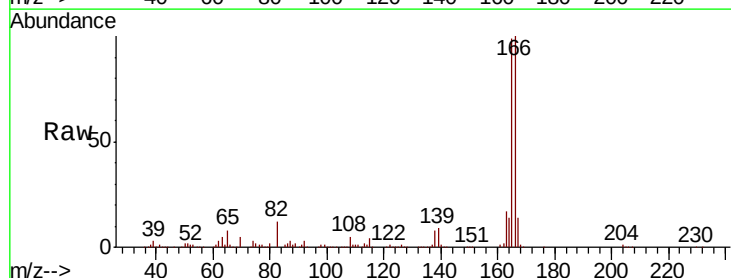
Instrument :
BNA_F
ClientSampled :

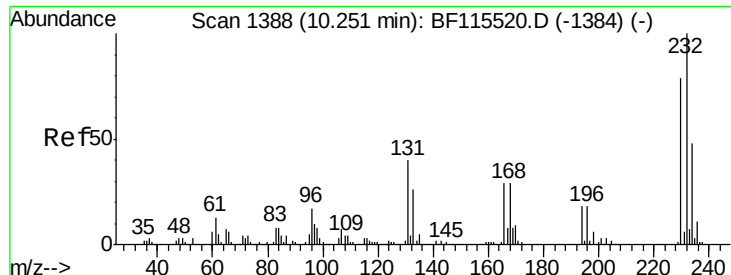
Tot Ion:165	Resp:	270850
Ion Ratio	Lower	Upper
165	100	
63	44.2	34.9 52.3
89	75.3	57.5 86.3
182	2.7	2.2 3.4



#58
Fluorene
Concen: 42.673 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:166	Resp:	803092
Ion Ratio	Lower	Upper
166	100	
165	99.5	79.8 119.6
167	13.5	11.2 16.8

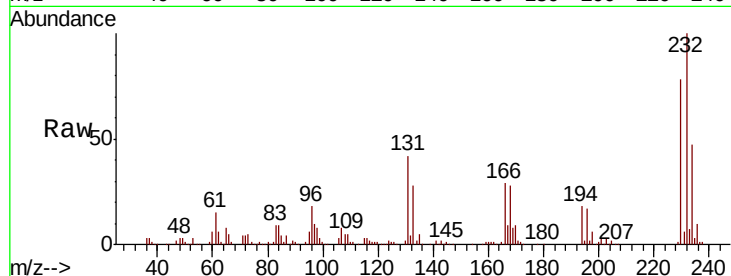




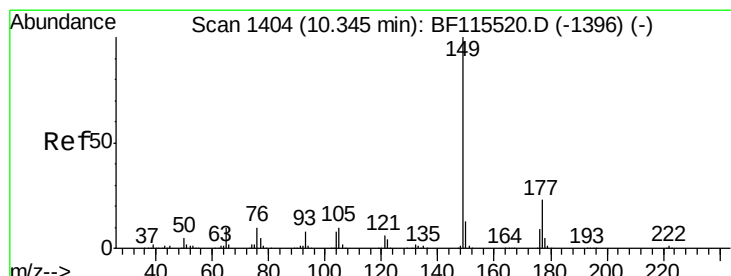
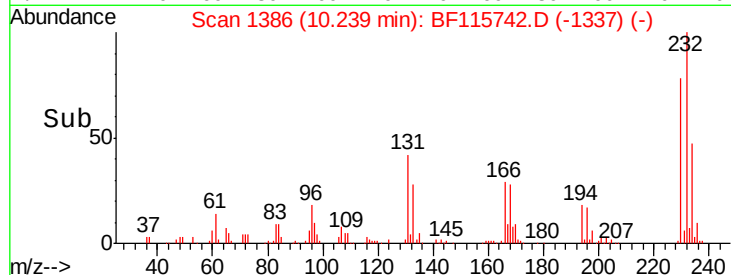
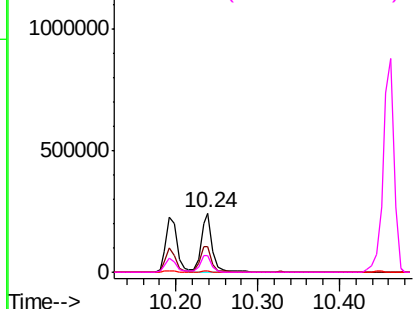
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.698 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	234010
Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.9	53.9
130	2.2	1.8	2.6
166	29.0	24.8	37.2

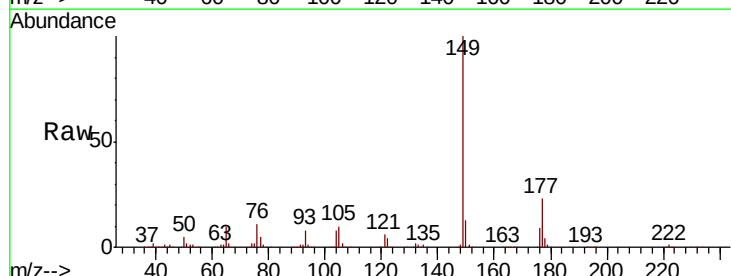


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

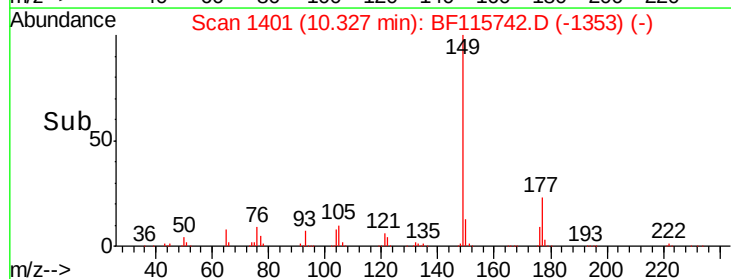
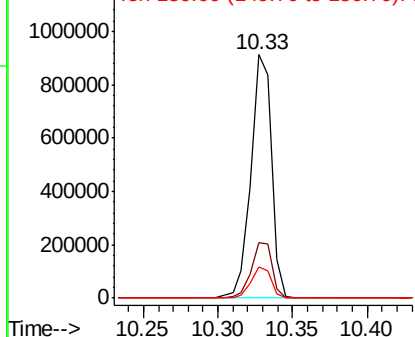


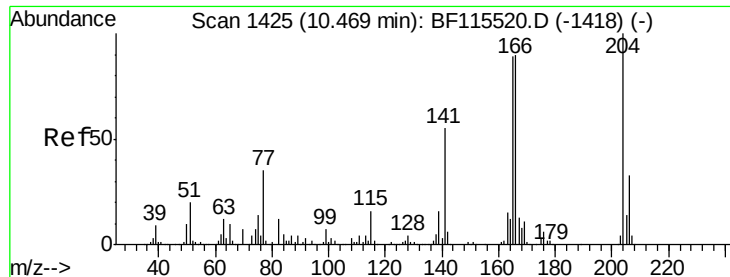
#60
Diethylphthalate
Concen: 41.379 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:	149	Resp:	868314
Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.5	29.3
150	12.7	10.4	15.6



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

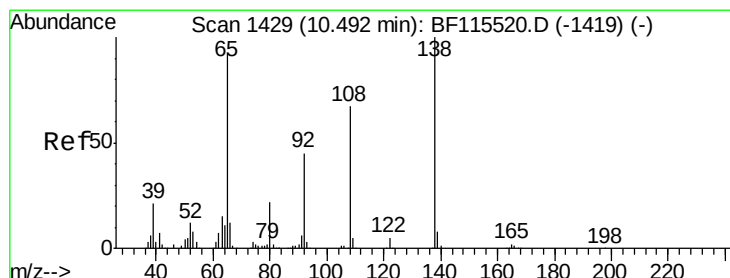
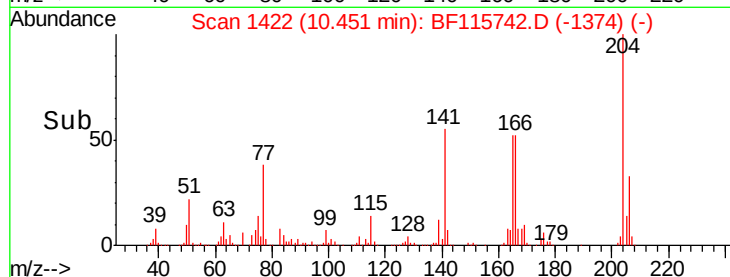
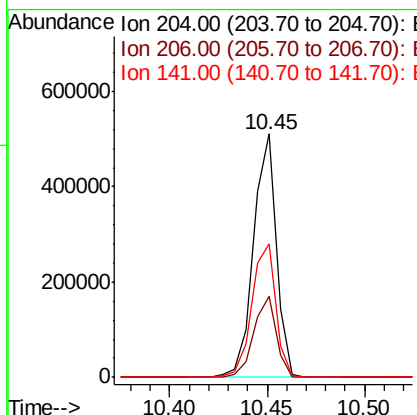
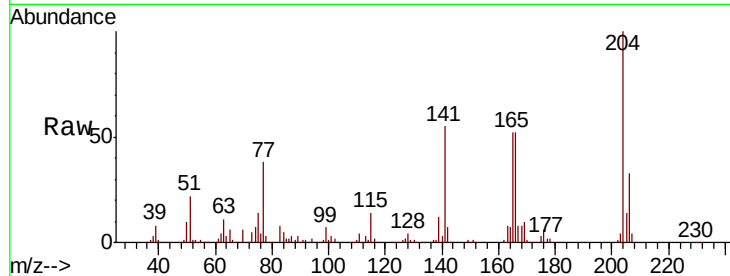




#61
 4-Chlorophenyl-phenylether
 Concen: 39.903 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

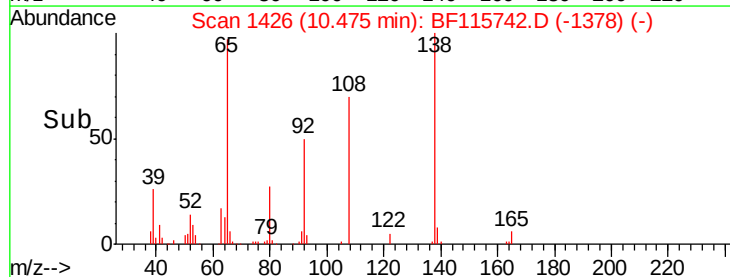
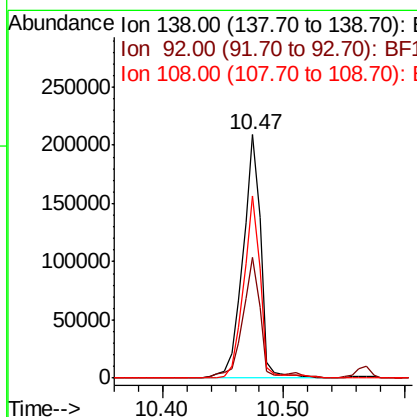
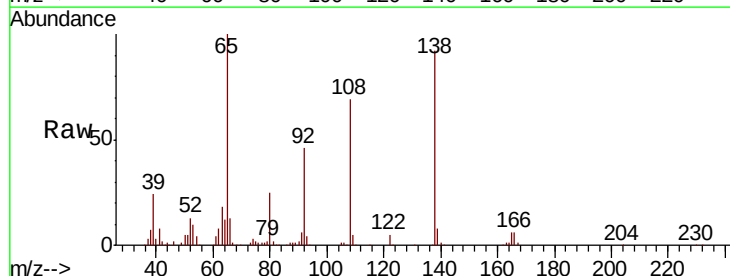
Instrument :
 BNA_F
 ClientSampleId :

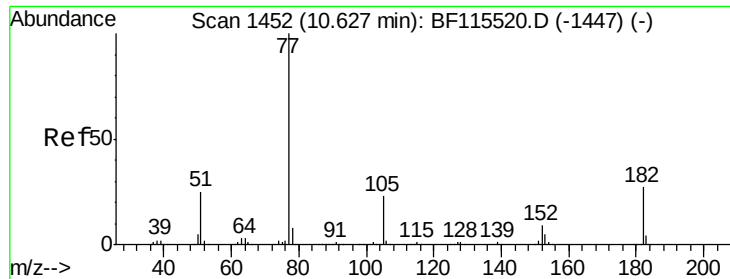
Tot Ion:	204	Resp:	416455
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	55.0	44.2	66.2



#62
 4-Nitroaniline
 Concen: 38.800 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion:	138	Resp:	216472
Ion	Ratio	Lower	Upper
138	100		
92	49.7	27.1	67.1
108	74.6	48.0	88.0





#63

Azobenzene

Concen: 43.663 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 888721

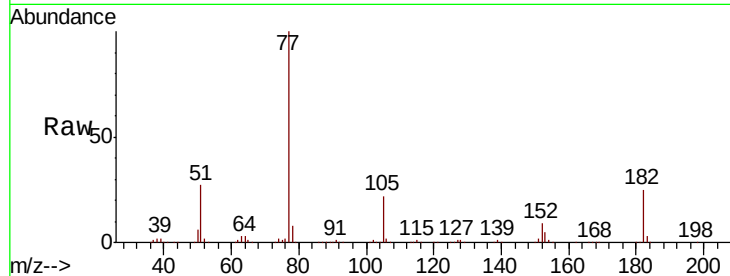
Ion Ratio Lower Upper

77 100

182 25.1 6.9 46.9

105 22.3 3.9 43.9

51 26.6 7.3 47.3

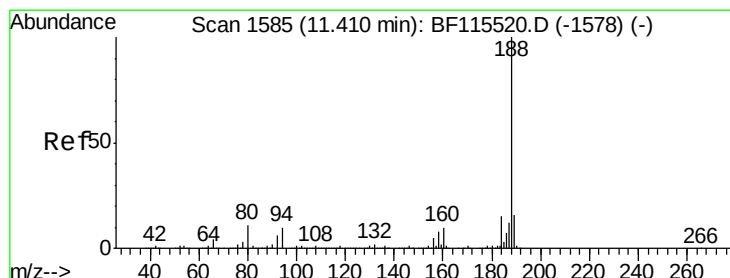
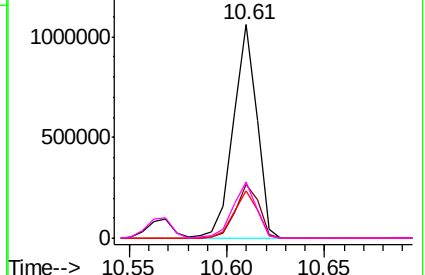
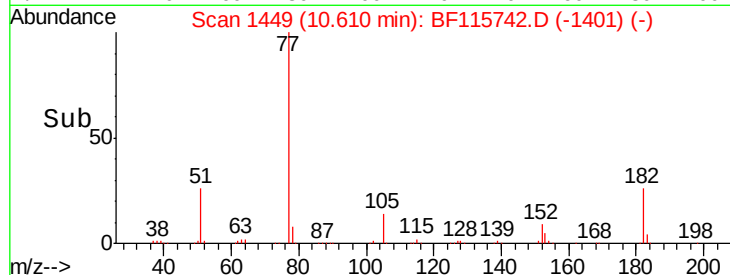


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

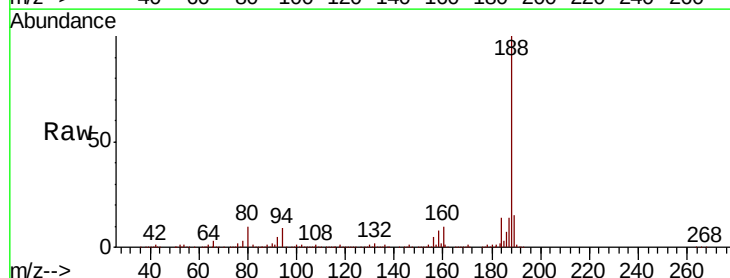
Tgt Ion: 188 Resp: 571903

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

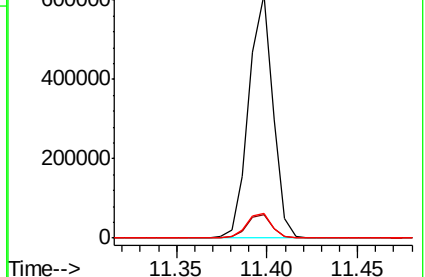
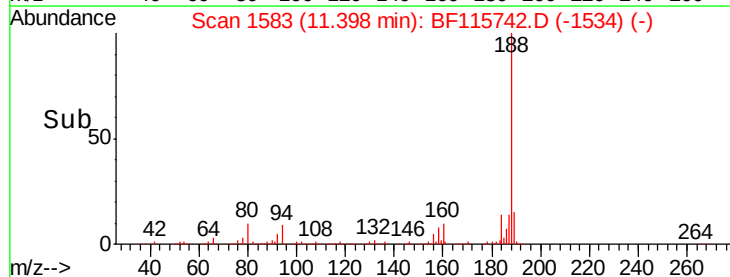
80 10.2 8.6 13.0

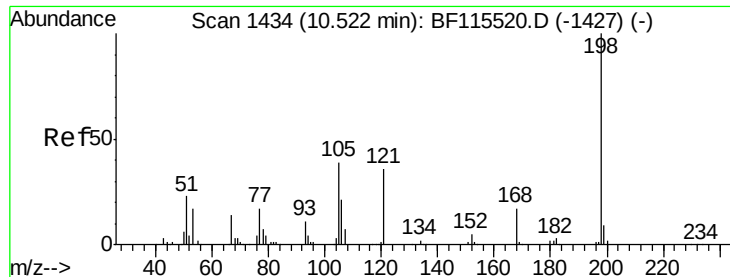


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

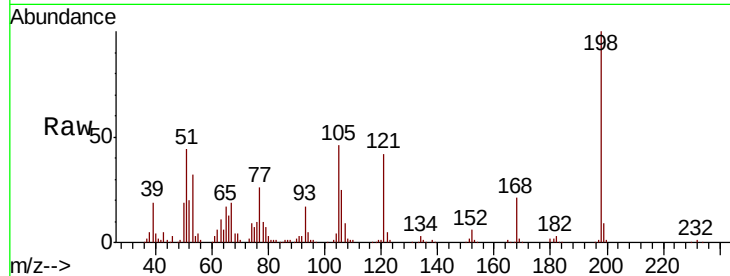




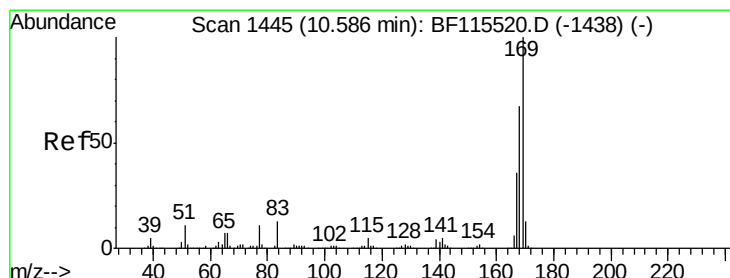
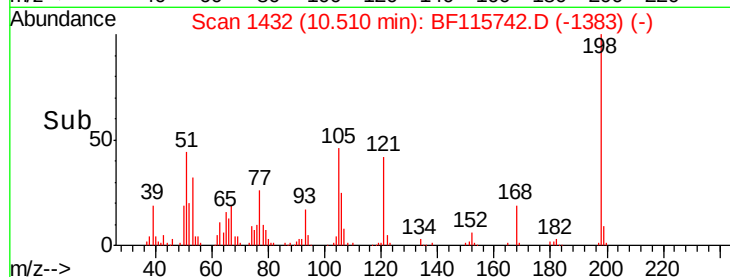
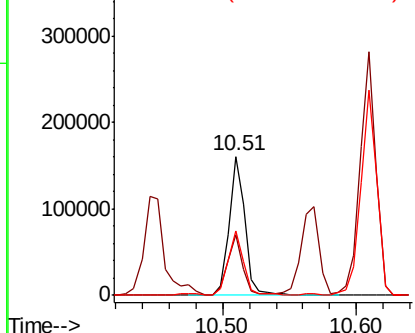
#65
4,6-Dinitro-2-methylphenol
Concen: 38.863 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 135791
Ion Ratio Lower Upper
198 100
51 43.8 19.1 59.1
105 46.2 23.6 63.6

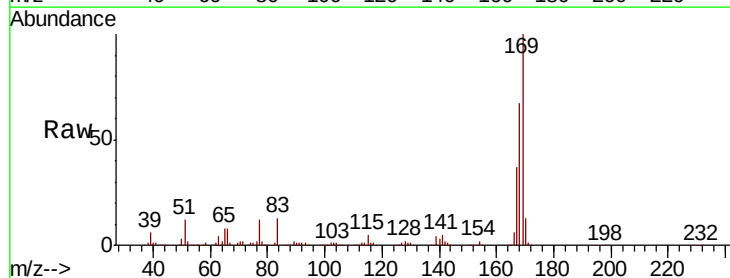


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

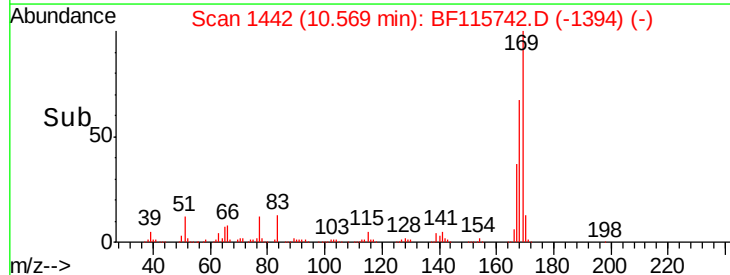
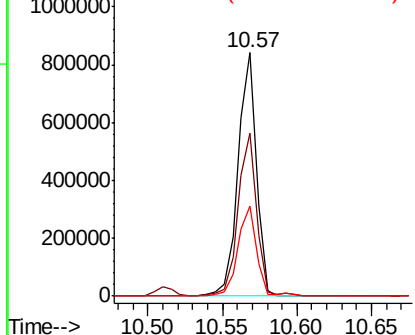


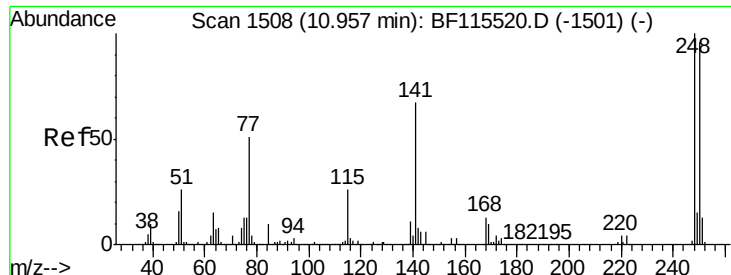
#66
n-Nitrosodiphenylamine
Concen: 40.845 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:169 Resp: 726618
Ion Ratio Lower Upper
169 100
168 67.2 54.3 81.5
167 37.0 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

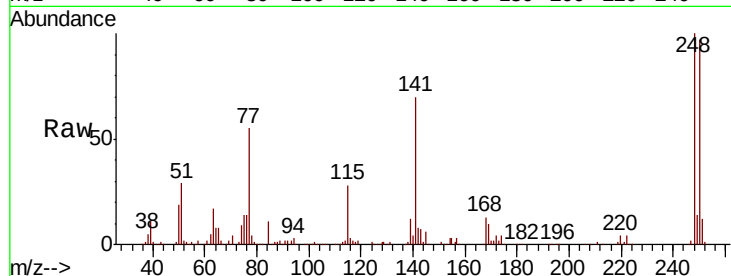




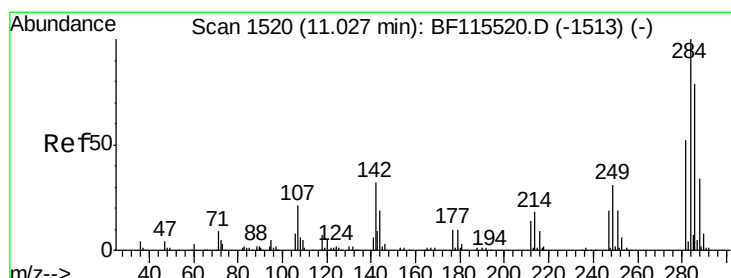
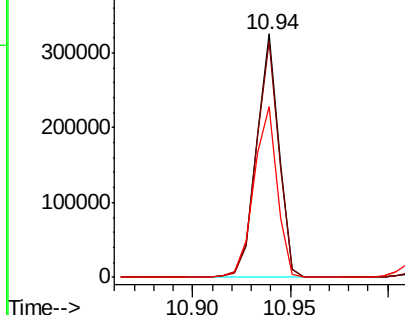
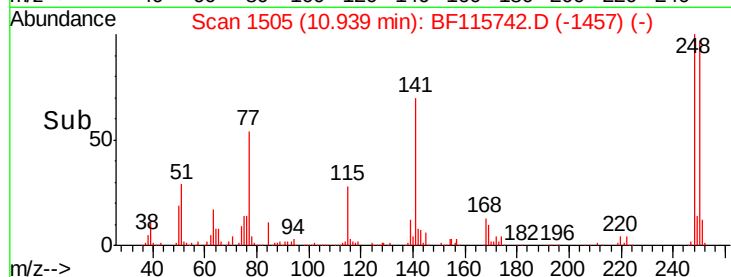
#67
4-Bromophenyl-phenylether
Concen: 39.373 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 257319
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 69.9 57.7 86.5

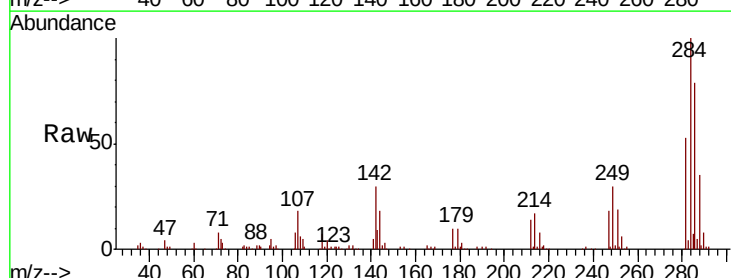


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

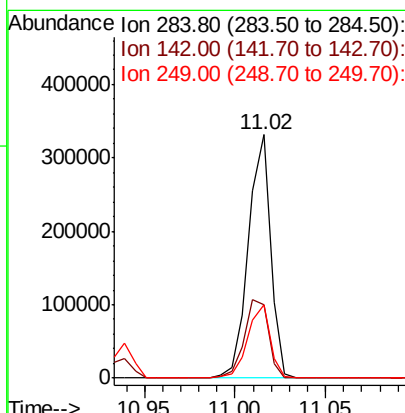
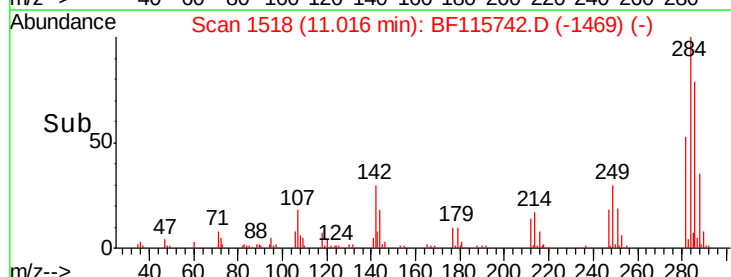


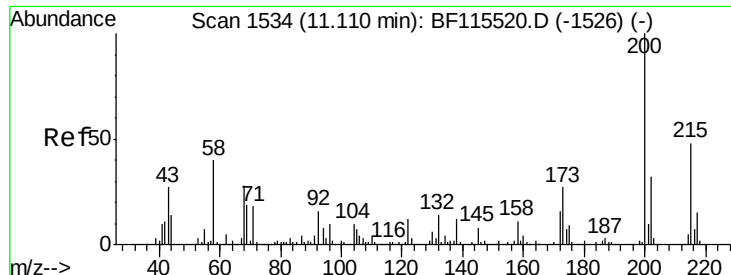
#68
Hexachlorobenzene
Concen: 38.156 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:284 Resp: 284776
Ion Ratio Lower Upper
284 100
142 30.3 22.2 33.2
249 30.0 23.4 35.2



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: 40.926 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

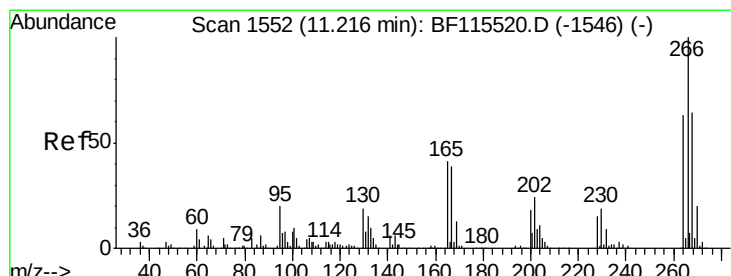
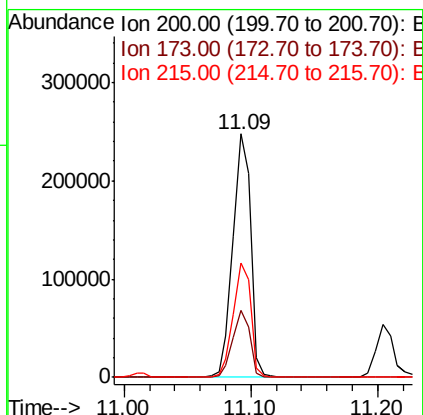
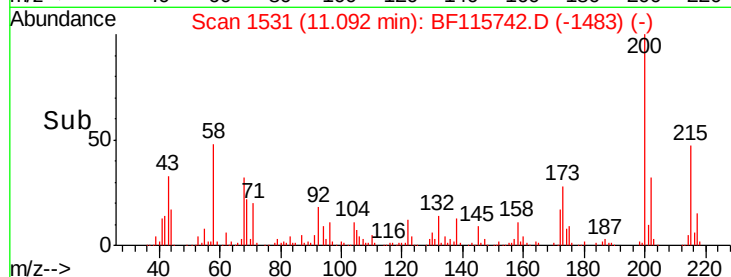
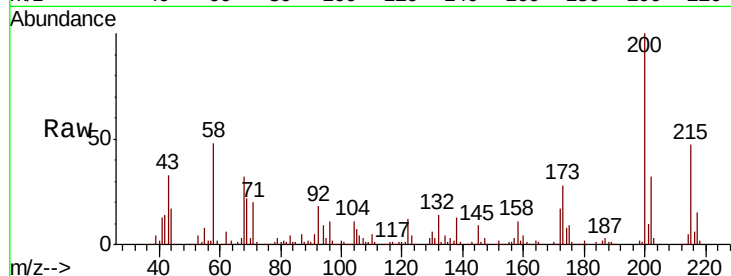
Tot Ion:200 Resp: 238846

Ion Ratio Lower Upper

200 100

173 27.6 6.9 46.9

215 47.0 27.9 67.9



#70

Pentachlorophenol

Concen: 69.279 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

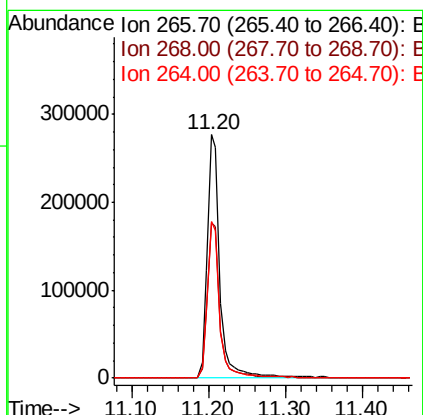
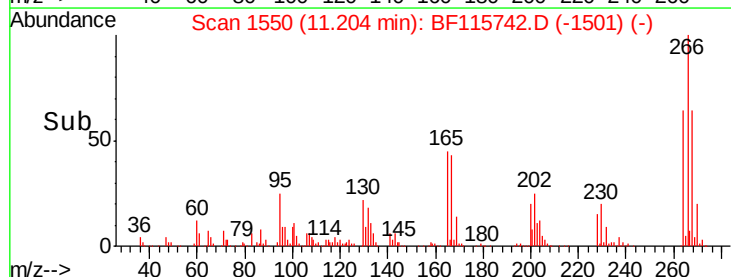
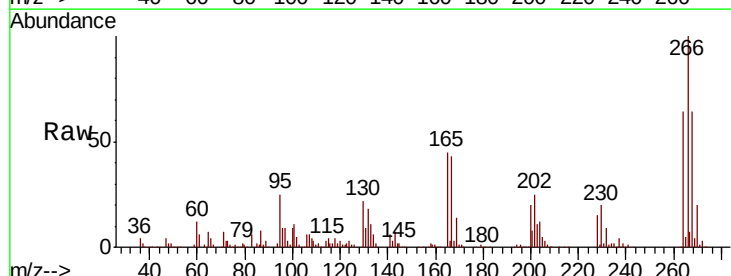
Tgt Ion:266 Resp: 316248

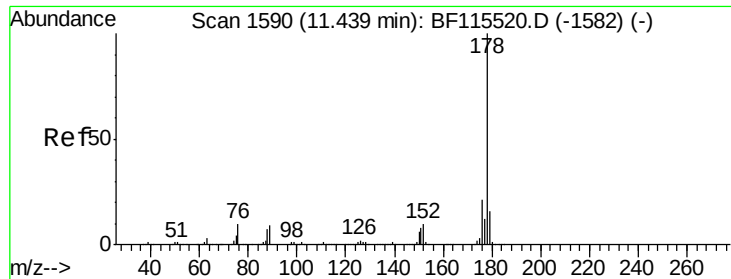
Ion Ratio Lower Upper

266 100

268 63.7 51.6 77.4

264 64.1 50.6 76.0





#71

Phenanthrene

Concen: 40.814 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

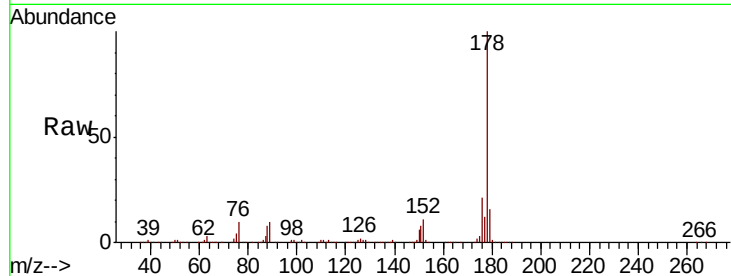
Tot Ion:178 Resp: 1196458

Ion Ratio Lower Upper

178 100

176 20.6 17.2 25.8

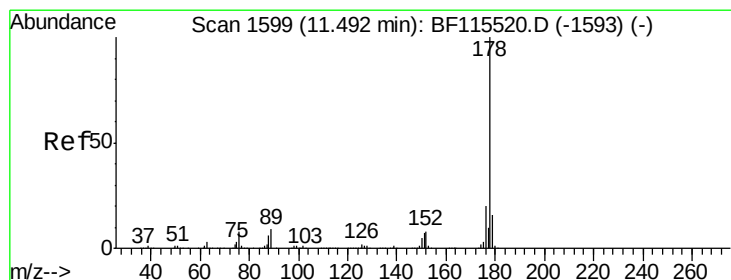
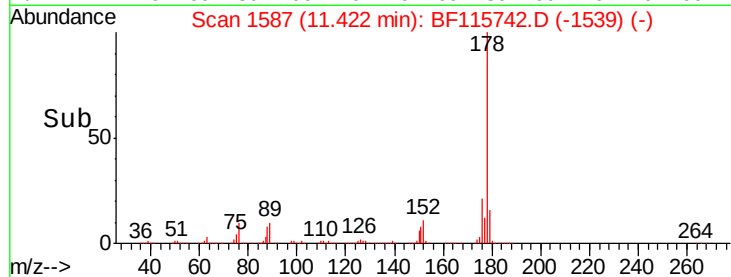
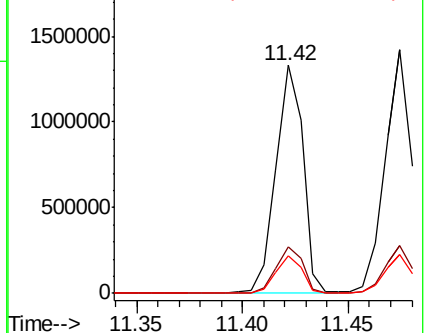
179 16.4 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.967 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

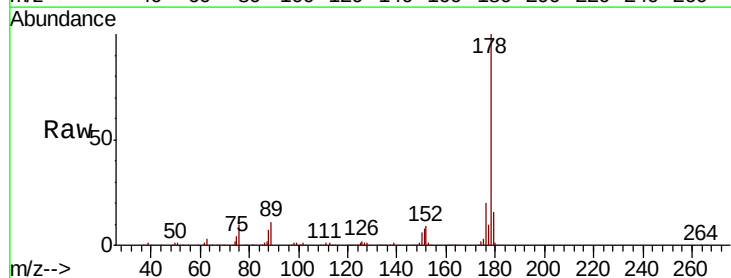
Tgt Ion:178 Resp: 1241149

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

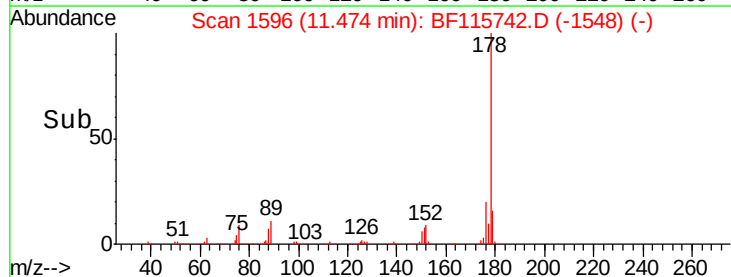
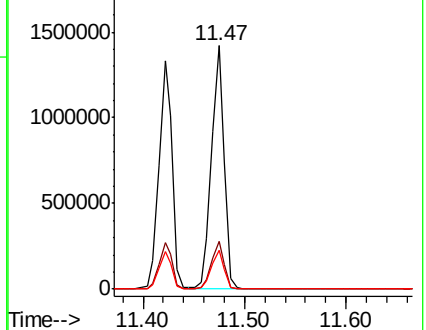
179 15.8 12.7 19.1

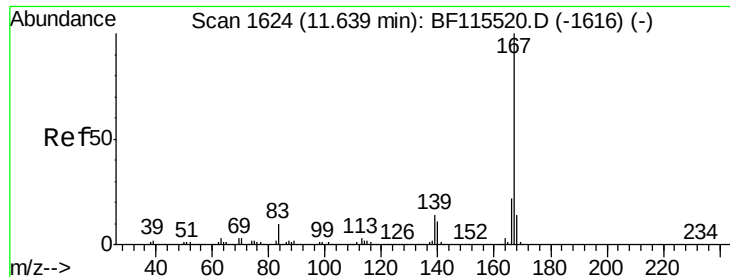


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.808 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

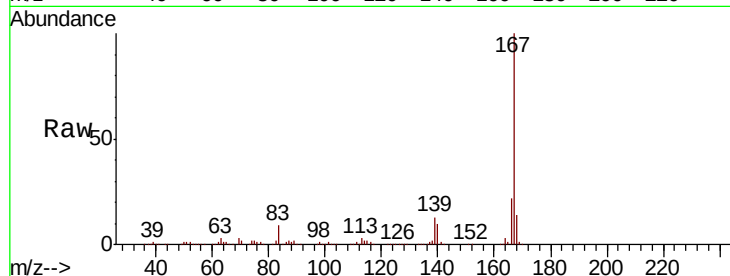
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1110732

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.1	11.3	16.9

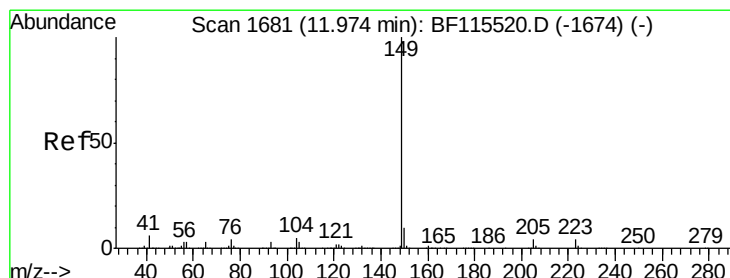
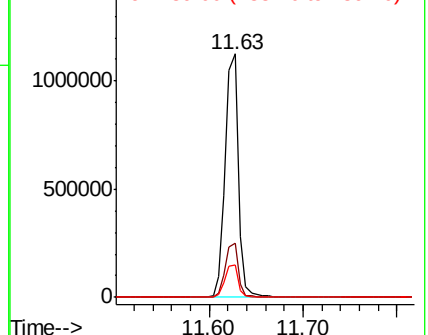
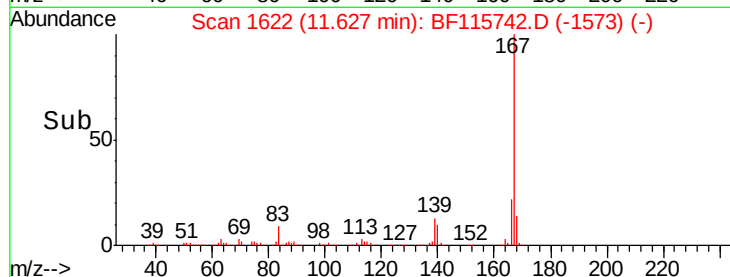


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.946 ng

RT: 11.95 min Scan# 1677

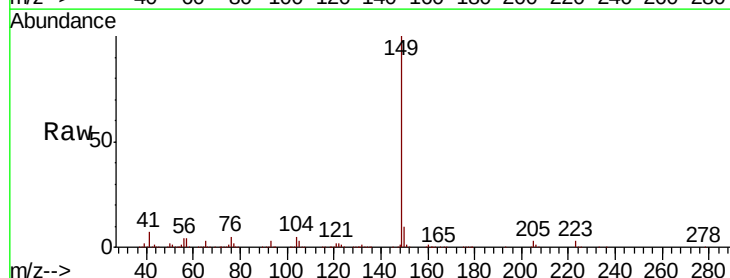
Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:149 Resp: 1372682

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	3.8	5.8

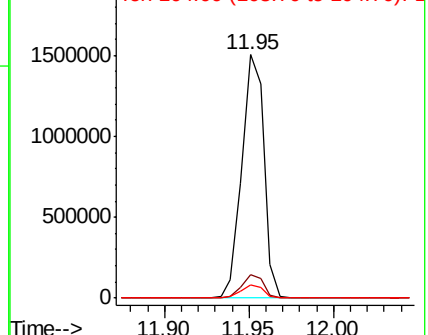
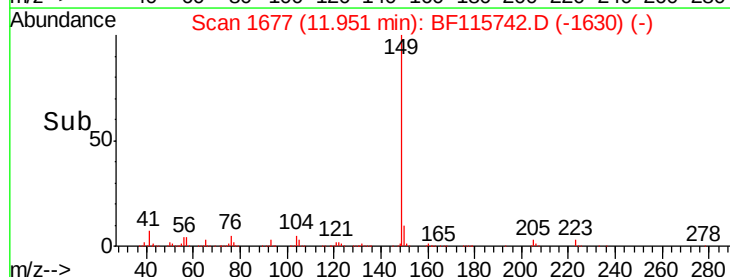


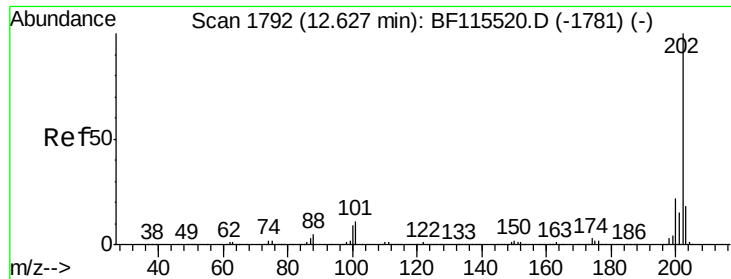
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

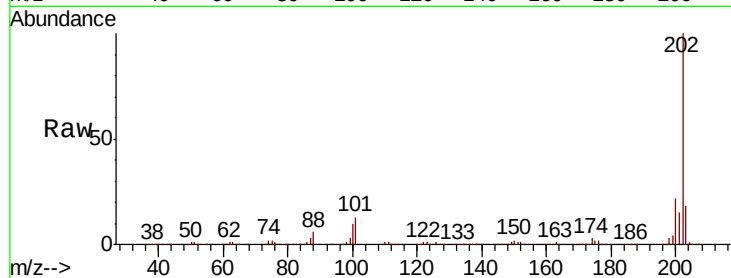




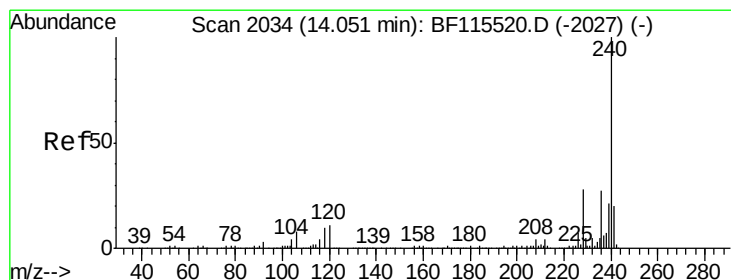
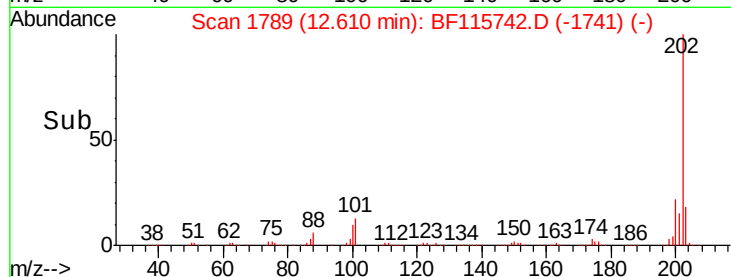
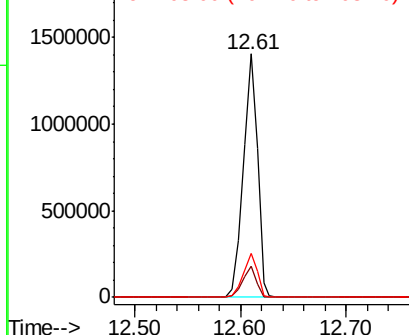
#75
Fluoranthene
Concen: 41.391 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1282221
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 18.3 0.0 38.1

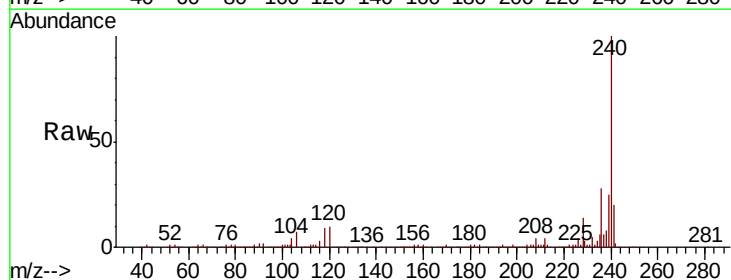


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

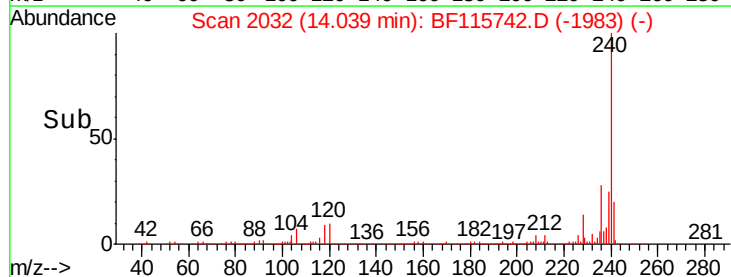
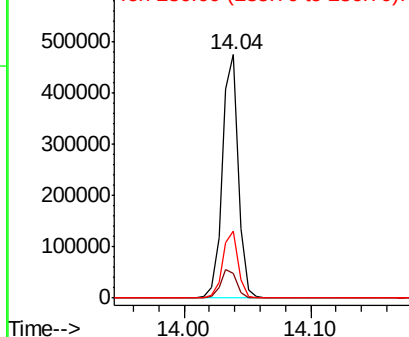


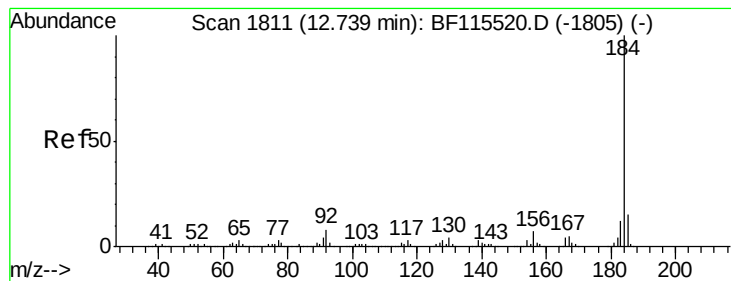
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:240 Resp: 417102
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 27.8 21.3 31.9



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: 29.574 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampled :

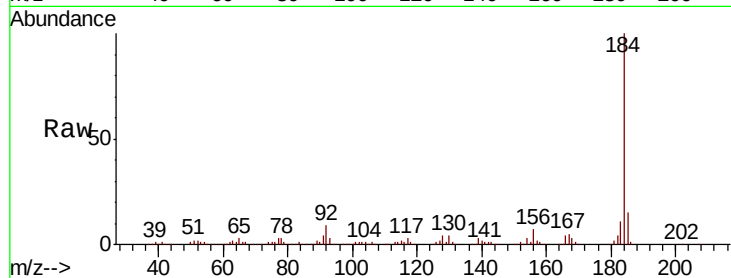
Tot Ion:184 Resp: 436980

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

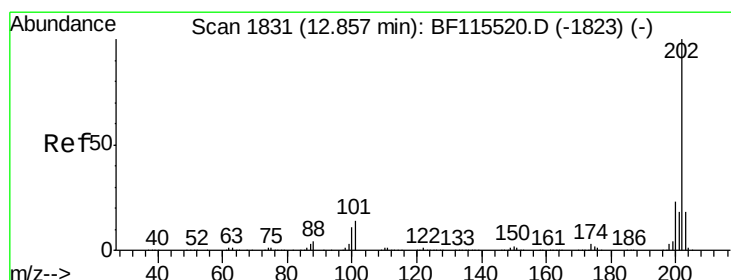
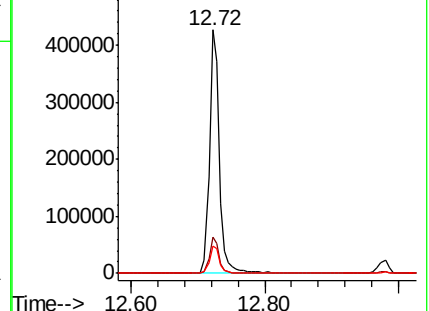
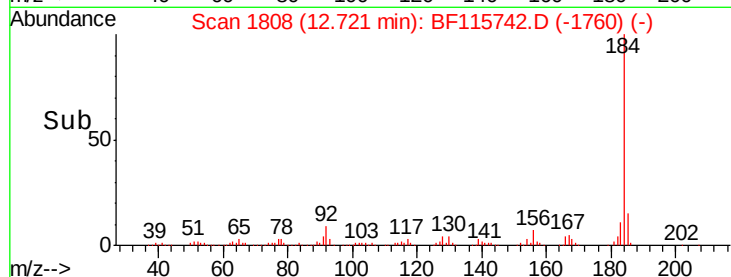
183 11.4 9.3 13.9



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: 36.828 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

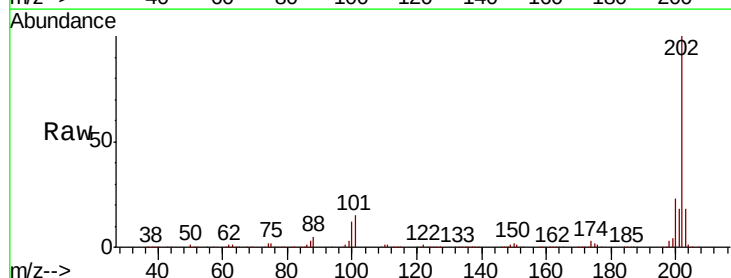
Tgt Ion:202 Resp: 1301460

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

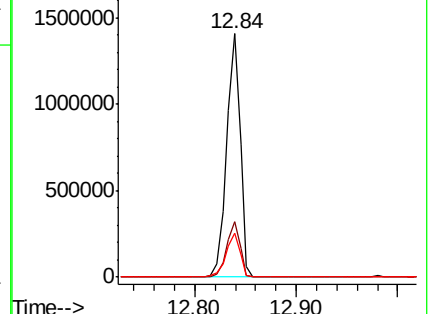
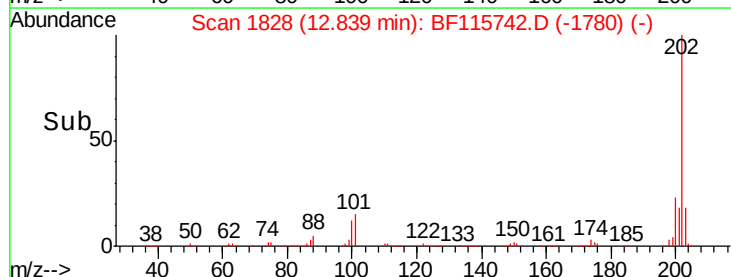
203 18.2 15.2 22.8

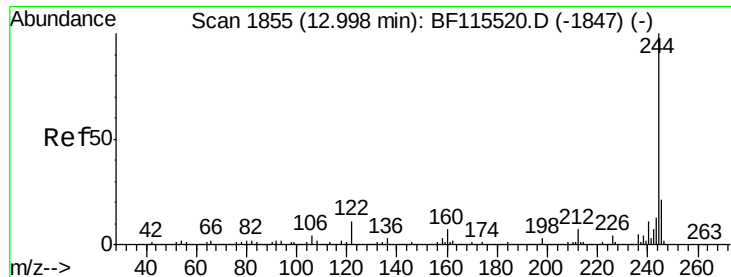


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.483 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

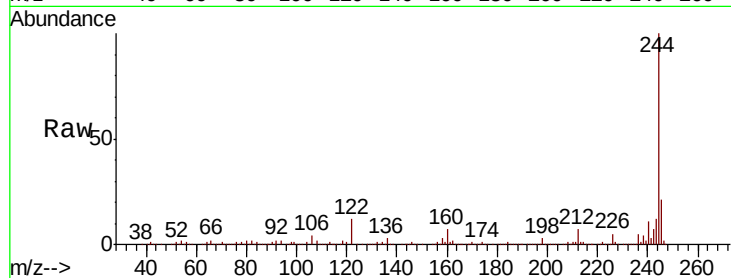
Tot Ion:244 Resp: 1706296

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

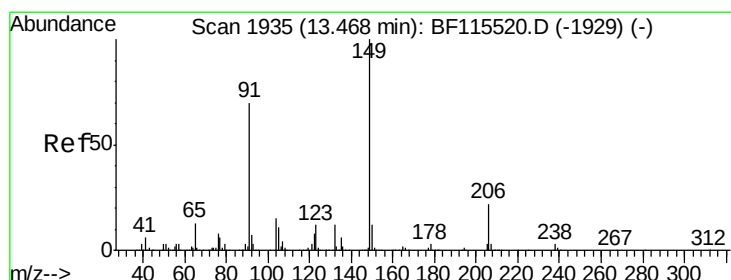
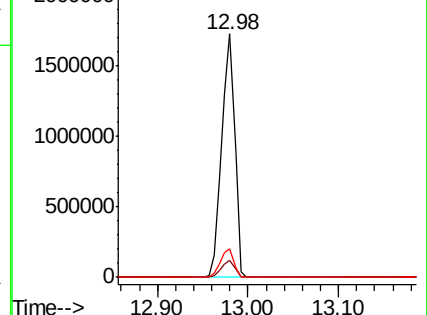
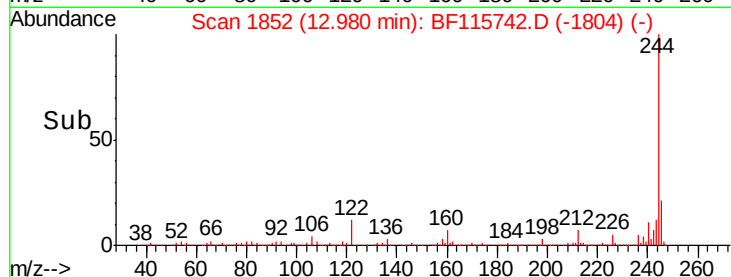
122 11.6 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.071 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

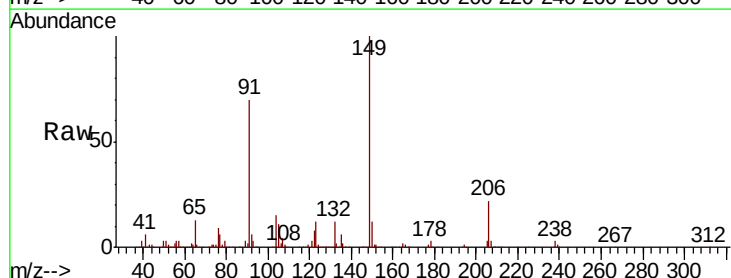
Tgt Ion:149 Resp: 603658

Ion Ratio Lower Upper

149 100

91 70.1 55.8 83.8

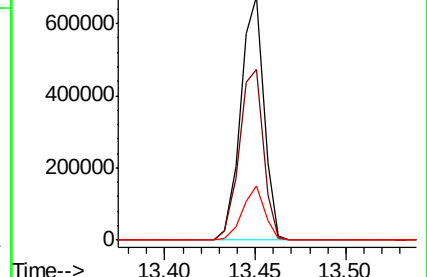
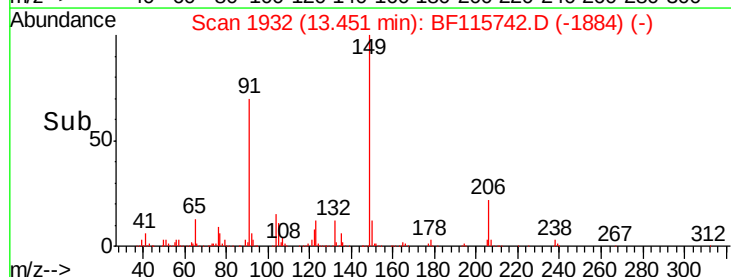
206 22.1 18.2 27.2

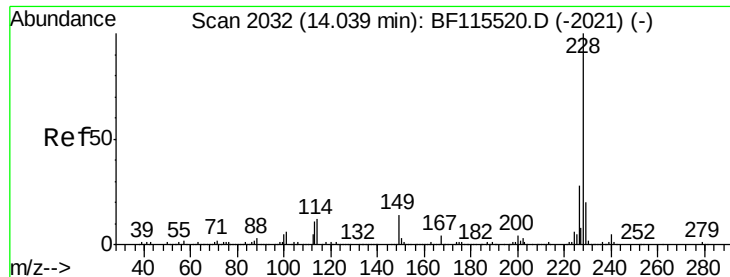


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.263 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

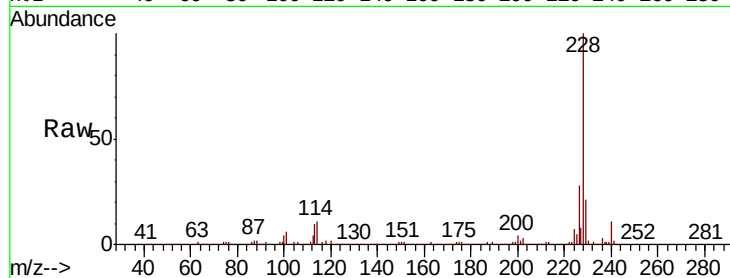
Tot Ion:228 Resp: 1106368

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.0

229 20.5 17.2 25.8

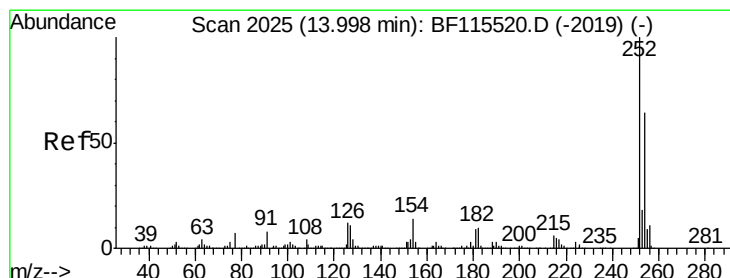
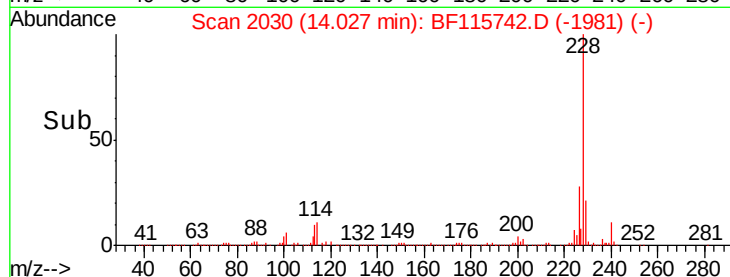
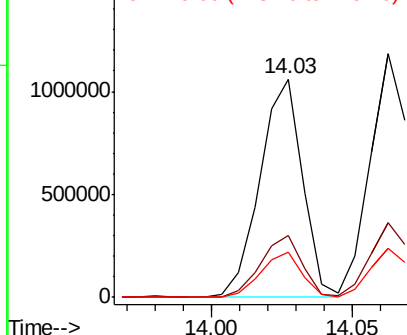


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.943 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

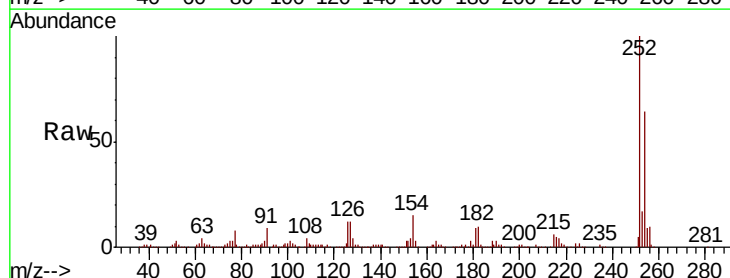
Tgt Ion:252 Resp: 341344

Ion Ratio Lower Upper

252 100

254 63.9 52.9 79.3

126 12.0 9.9 14.9

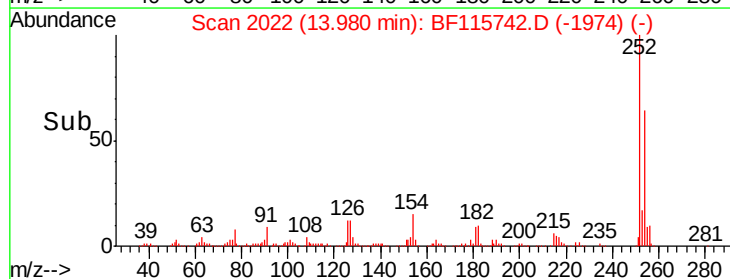
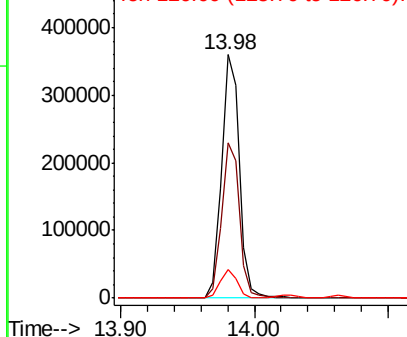


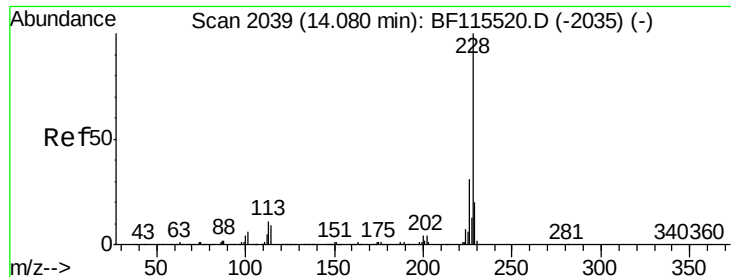
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.129 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

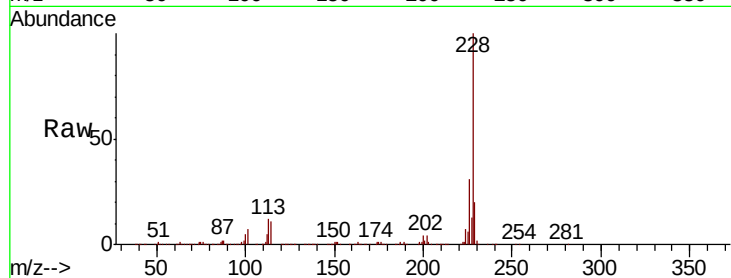
Tot Ion:228 Resp: 1079363

Ion Ratio Lower Upper

228 100

226 30.7 25.7 38.5

229 20.4 16.6 25.0

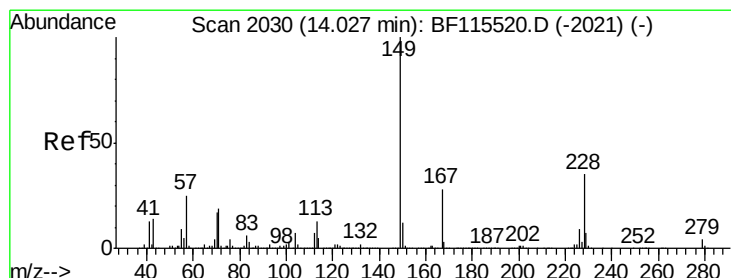
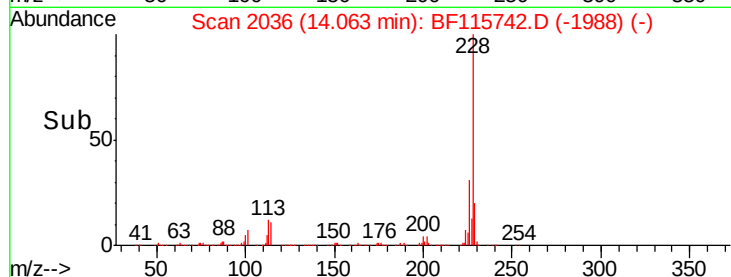
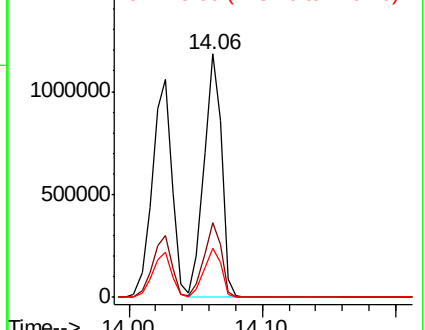


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.746 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

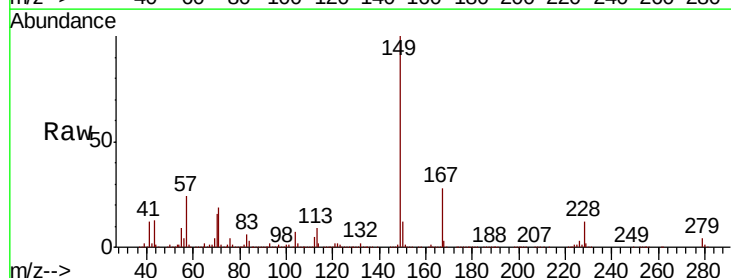
Tgt Ion:149 Resp: 834974

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

279 4.1 4.2 6.2#

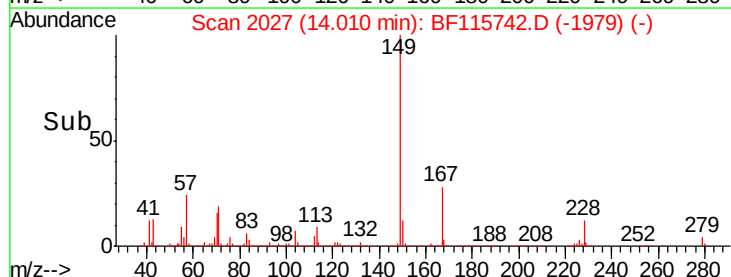
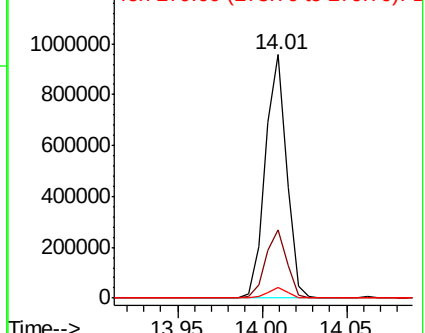


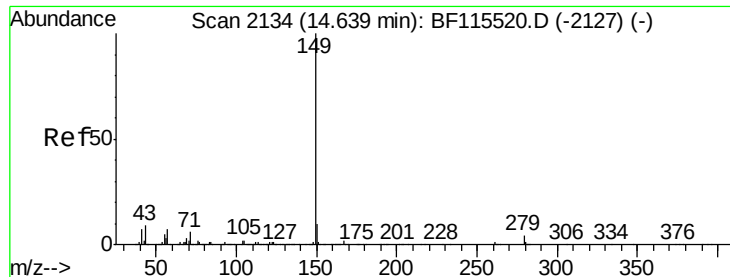
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

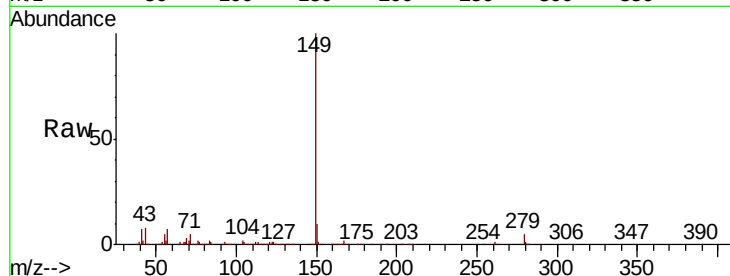




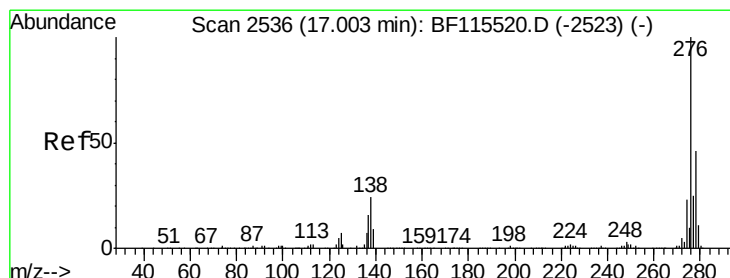
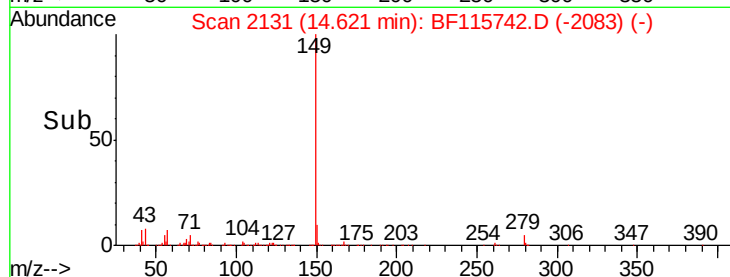
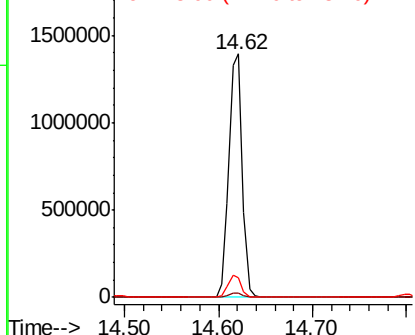
#85
Di-n-octyl phthalate
Concen: 46.411 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1377939
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.8 7.2 10.8

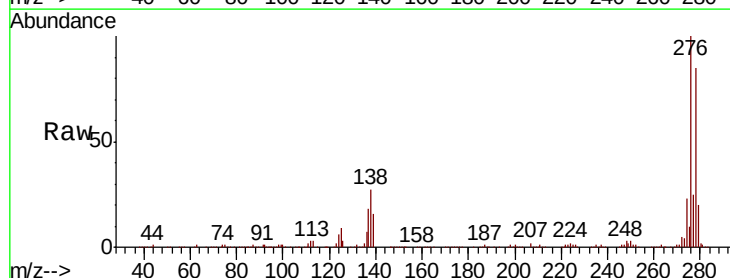


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

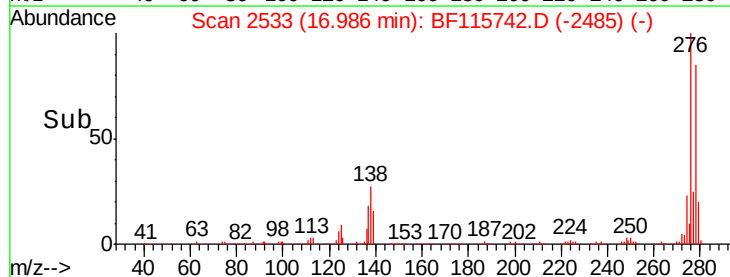
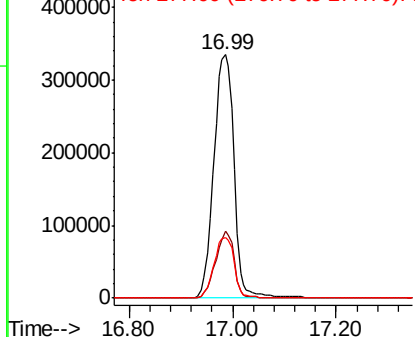


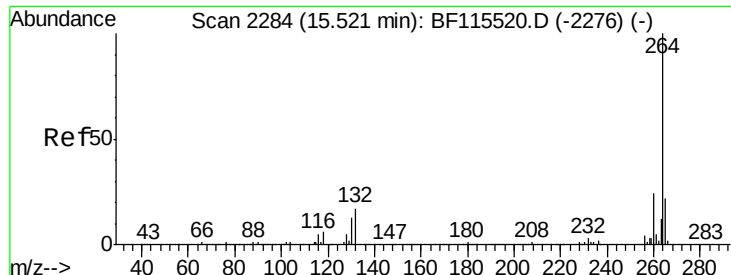
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.913 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:276 Resp: 911955
Ion Ratio Lower Upper
276 100
138 25.4 20.2 30.2
277 25.1 20.4 30.6



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

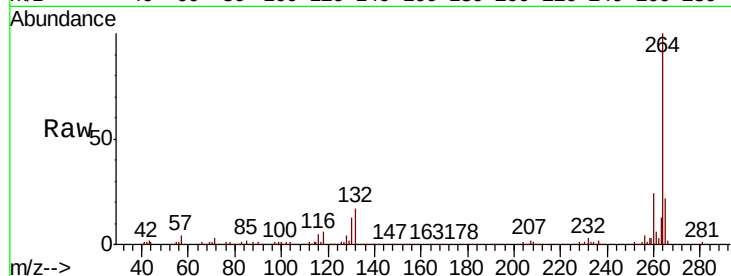




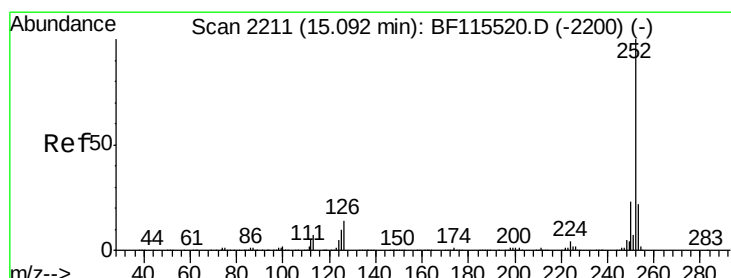
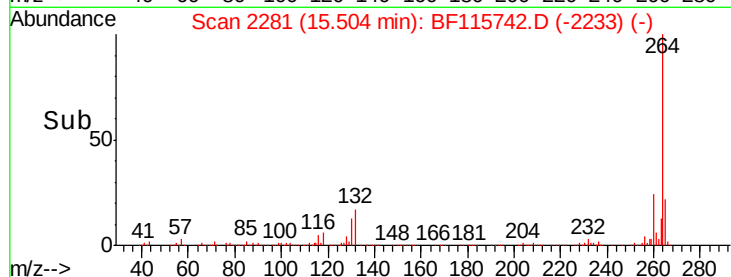
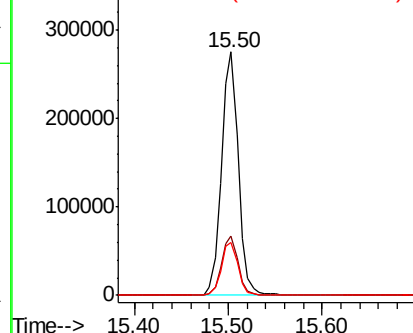
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 345390
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.8
265 21.8 17.7 26.5

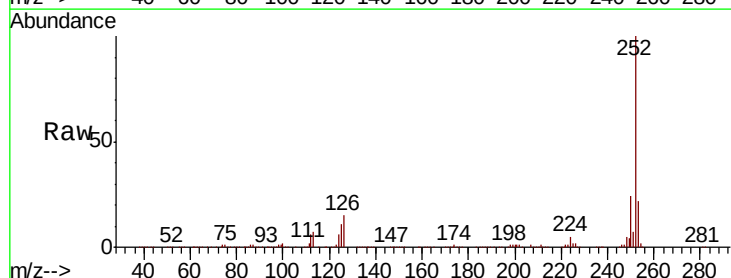


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

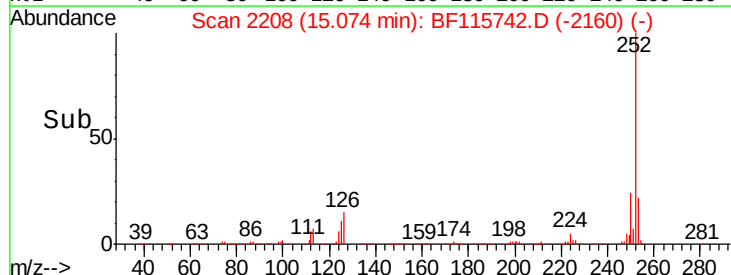
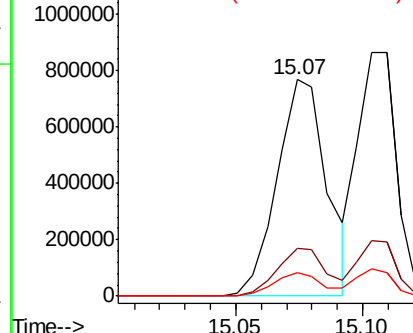


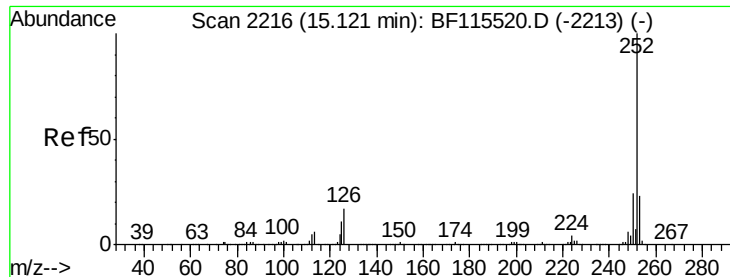
#88
Benzo(b)fluoranthene
Concen: 47.435 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:252 Resp: 1054975
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.0 9.0 13.4



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

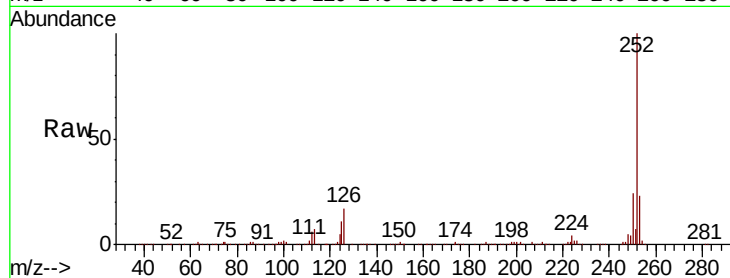




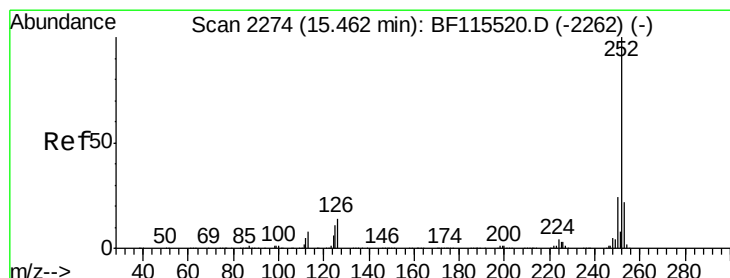
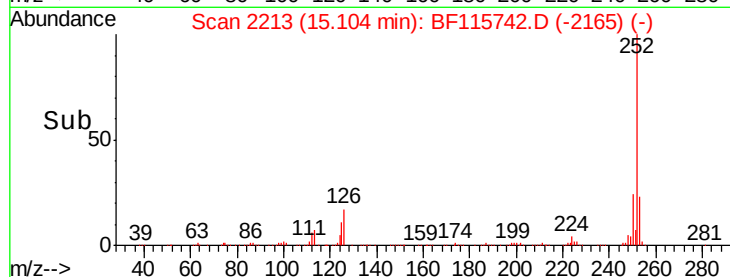
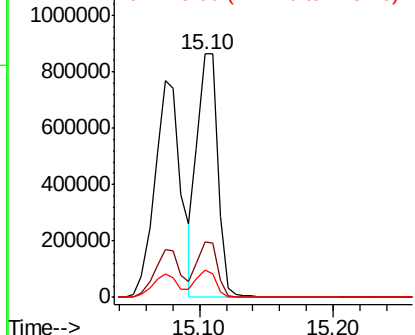
#89
Benzo(k)fluoranthene
Concen: 46.380 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 919635
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 11.4 9.0 13.6

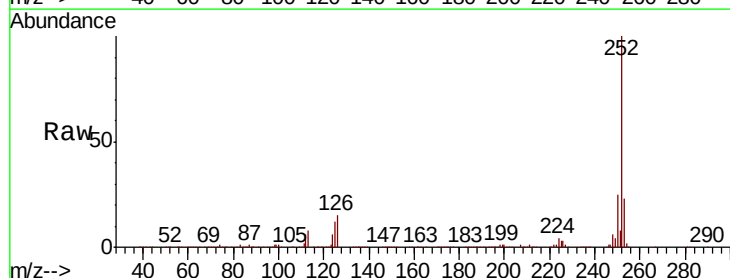


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

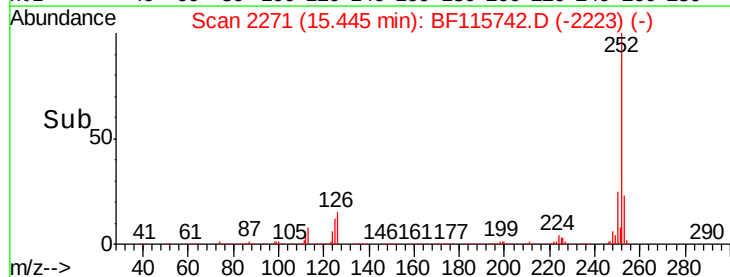
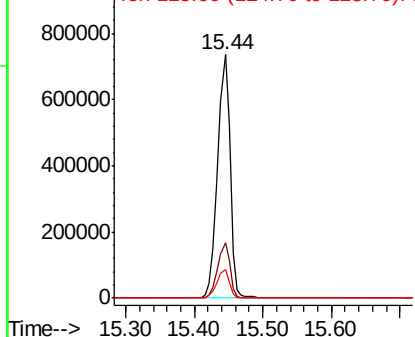


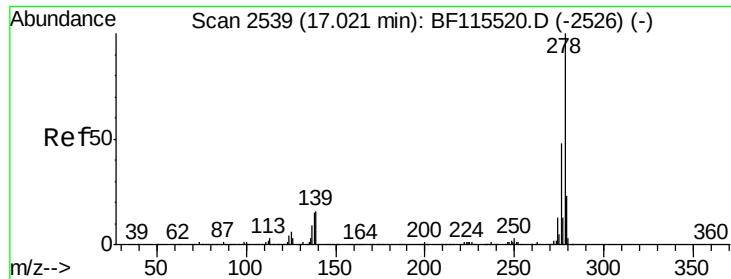
#90
Benzo(a)pyrene
Concen: 48.146 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:252 Resp: 920328
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.7 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 45.703 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

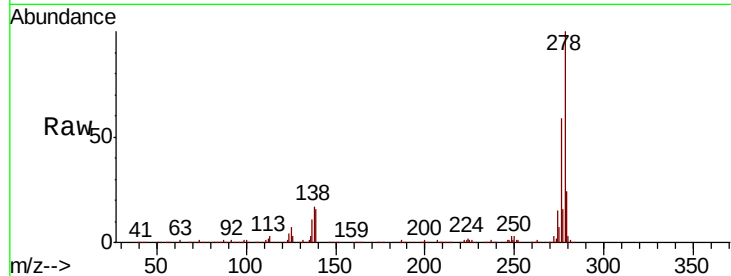
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 766957

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.1	19.7
279	24.4	19.6	29.4

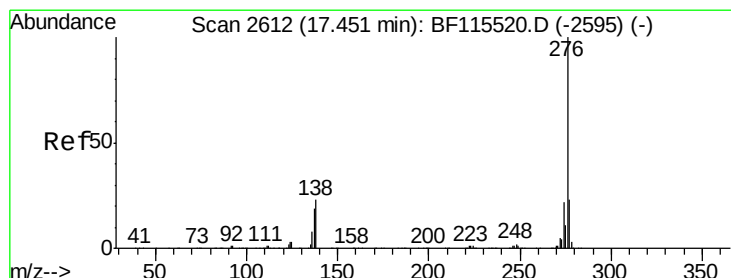
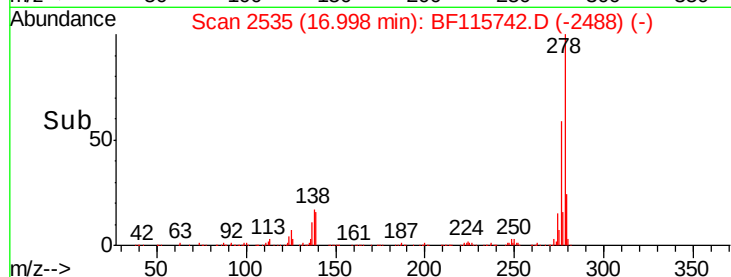
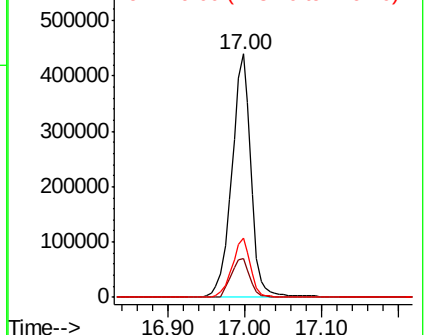


Abundance

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: 43.952 ng

RT: 17.43 min Scan# 2608

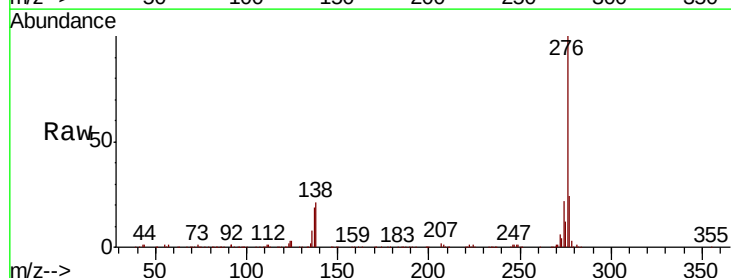
Delta R.T. -0.02 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:276 Resp: 735597

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.3	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

