

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116632.D
 Acq On : 28 Aug 2019 23:13
 Operator : HP/JU
 Sample : K4573-11MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 03:33:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	93698	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	381547	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	167962	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	373148	20.00	ng	0.00
76) Chrysene-d12	14.01	240	97084	20.00	ng	0.00
87) Perylene-d12	15.47	264	118428	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	745776	137.48	ng	0.00
7) Phenol-d6	6.50	99	1004839	136.63	ng	0.00
23) Nitrobenzene-d5	7.43	82	627510	94.11	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	263630	164.94	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1106696	109.65	ng	0.00
79) Terphenyl-d14	12.96	244	1142609	191.41	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.65	88	89419	35.434	ng	98
3) Pyridine	3.42	79	218256	31.573	ng	98
4) n-Nitrosodimethylamine	3.34	42	114279	43.148	ng	98
6) Aniline	6.53	93	208268	21.021	ng	99
8) 2-Chlorophenol	6.65	128	255508	41.796	ng	98
9) Benzaldehyde	6.41	77	179257	41.191	ng	97
10) Phenol	6.51	94	371978	46.110	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	195277	32.570	ng	99
12) 1,3-Dichlorobenzene	6.81	146	263242	36.351	ng	99
13) 1,4-Dichlorobenzene	6.88	146	268782	37.146	ng	98
14) 1,2-Dichlorobenzene	7.04	146	245860	35.954	ng	99
15) Benzyl Alcohol	7.00	79	245688	42.942	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	296033	36.404	ng	99
17) 2-Methylphenol	7.12	107	218244	39.869	ng	99
18) Hexachloroethane	7.38	117	99429	37.215	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	186745	39.928	ng	95
20) 3+4-Methylphenols	7.27	107	277327	41.704	ng	# 86
22) Acetophenone	7.27	105	367539	41.014	ng	# 92
24) Nitrobenzene	7.45	77	282732	41.814	ng	99
25) Isophorone	7.68	82	509262	41.953	ng	98
26) 2-Nitrophenol	7.76	139	139045	42.789	ng	90
27) 2,4-Dimethylphenol	7.80	122	231126	45.422	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	306999	38.936	ng	98
29) 2,4-Dichlorophenol	8.00	162	219521	41.277	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	229967	37.642	ng	98
31) Naphthalene	8.17	128	785754	42.992	ng	99
32) Benzoic acid	7.90	122	152905	35.163	ng	97
33) 4-Chloroaniline	8.21	127	155532	19.308	ng	98
34) Hexachlorobutadiene	8.29	225	130826	38.435	ng	100
35) Caprolactam	8.57	113	48132	30.310	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	236824	44.207	ng	97
37) 2-Methylnaphthalene	8.86	142	486528	42.625	ng	96
38) 1-Methylnaphthalene	8.96	142	456463	40.949	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	213073	46.238	ng	99

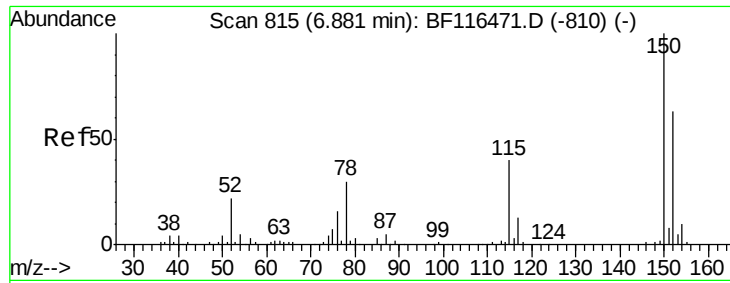
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116632.D
 Acq On : 28 Aug 2019 23:13
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	156726	58.732	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	150107	46.381	ng	96
44) 2,4,5-Trichlorophenol	9.17	196	158474	48.685	ng	98
46) 1,1'-Biphenyl	9.32	154	627527	49.218	ng	99
47) 2-Chloronaphthalene	9.35	162	481122	48.405	ng	98
48) 2-Nitroaniline	9.43	65	145730	46.358	ng	90
49) Acenaphthylene	9.76	152	643936	44.108	ng	100
50) Dimethylphthalate	9.62	163	601526	53.271	ng	100
51) 2,6-Dinitrotoluene	9.67	165	115664	46.452	ng #	84
52) Acenaphthene	9.93	154	517166	52.318	ng	97
53) 3-Nitroaniline	9.84	138	96731	32.535	ng	96
54) 2,4-Dinitrophenol	9.95	184	110648	89.680	ng #	47
55) Dibenzofuran	10.10	168	742599	55.786	ng	99
56) 4-Nitrophenol	10.00	139	248589	109.985	ng	92
57) 2,4-Dinitrotoluene	10.08	165	188121	57.257	ng	99
58) Fluorene	10.45	166	547864	54.230	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	146358	54.624	ng	98
60) Diethylphthalate	10.32	149	495101	44.919	ng	98
61) 4-Chlorophenyl-phenylether	10.44	204	239744	47.337	ng	99
62) 4-Nitroaniline	10.46	138	142630	49.307	ng	97
63) Azobenzene	10.60	77	521879	46.904	ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	80757	40.569	ng	99
66) n-Nitrosodiphenylamine	10.55	169	455789	38.587	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	170650	43.115	ng	96
68) Hexachlorobenzene	11.00	284	178506	40.509	ng	97
69) Atrazine	11.08	200	151878	43.424	ng	98
70) Pentachlorophenol	11.19	266	212134	78.349	ng	96
71) Phenanthrene	11.40	178	935355	46.668	ng	100
72) Anthracene	11.46	178	897506	44.785	ng	99
73) Carbazole	11.60	167	751709	44.072	ng	98
74) Di-n-butylphthalate	11.94	149	956591	48.396	ng	99
75) Fluoranthene	12.59	202	896202	49.858	ng	98
77) Benzidine	12.70	184	12200	3.474	ng #	76
78) Pyrene	12.82	202	863405	96.716	ng	100
80) Butylbenzylphthalate	13.43	149	162672	47.031	ng	98
81) Benzo(a)anthracene	14.00	228	298956	46.188	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	51708	24.550	ng	97
83) Chrysene	14.04	228	305438	48.203	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	220193	54.286	ng	100
85) Di-n-octyl phthalate	14.60	149	336212	56.829	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	305567	53.377	ng	97
88) Benzo(b)fluoranthene	15.04	252	330445	45.437	ng	99
89) Benzo(k)fluoranthene	15.07	252	299581	43.336	ng	99
90) Benzo(a)pyrene	15.41	252	311072	47.925	ng	97
91) Dibenzo(a,h)anthracene	16.94	278	242982	40.120	ng	98
92) Benzo(g,h,i)perylene	17.36	276	226080	35.900	ng	97

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

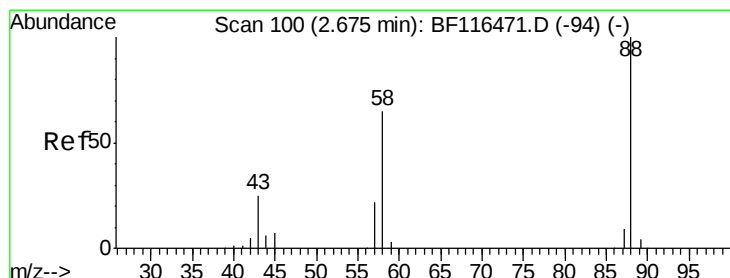
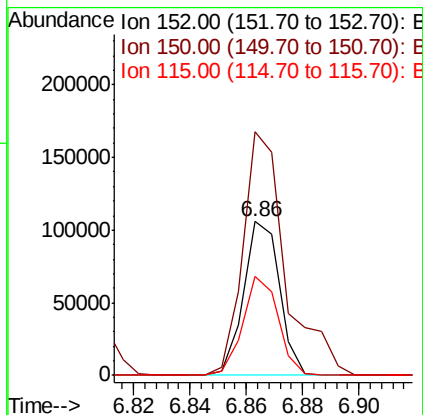
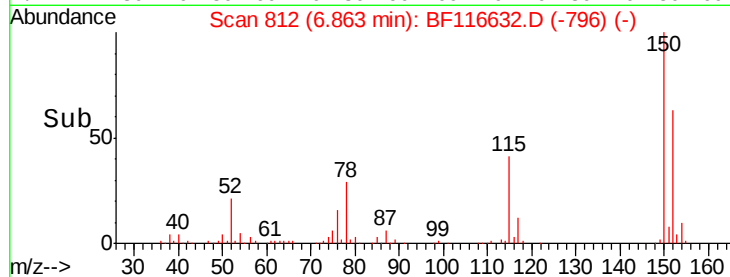
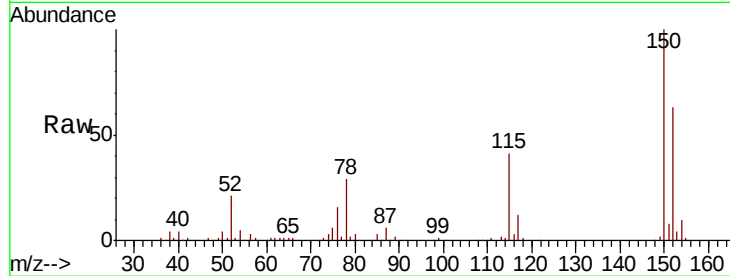


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

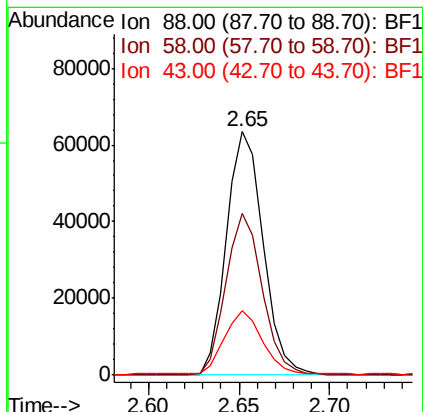
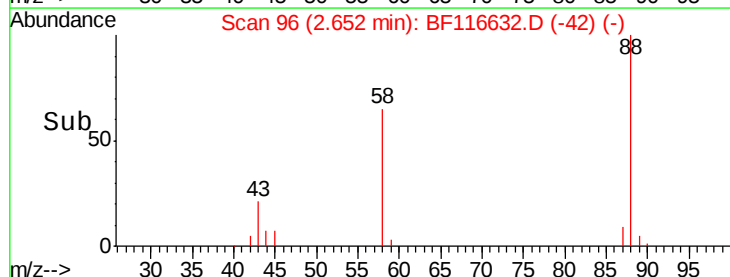
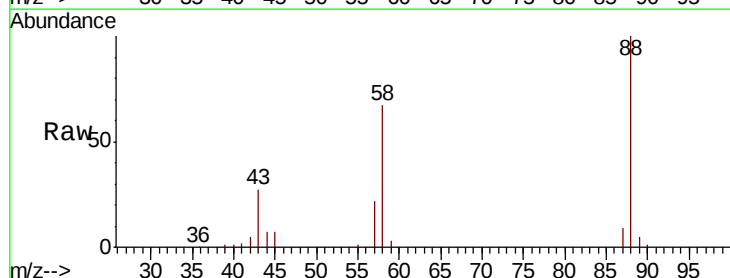
Tot Ion:152 Resp: 93698
Ion Ratio Lower Upper
152 100
150 158.5 123.4 185.2
115 64.3 48.2 72.2

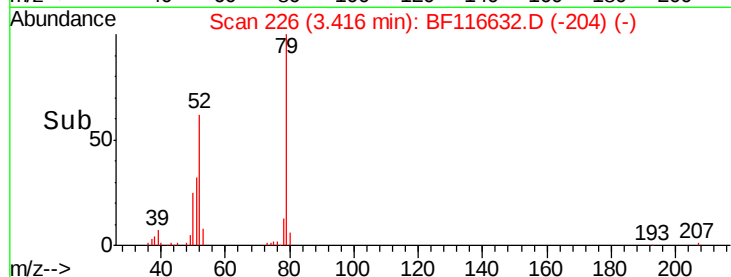
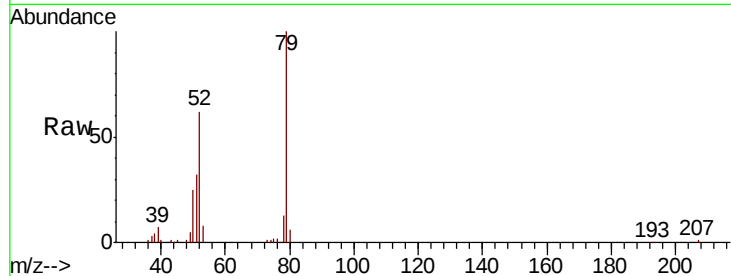
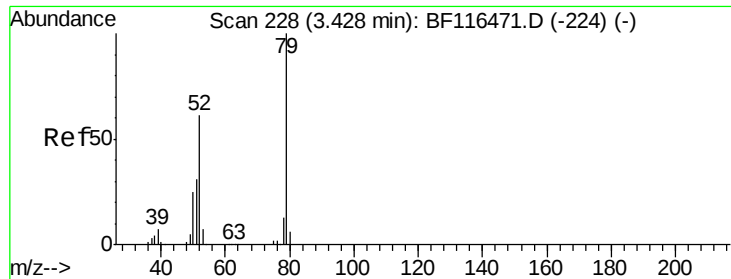


#2

1,4-Dioxane
Concen: 35.434 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion: 88 Resp: 89419
Ion Ratio Lower Upper
88 100
58 66.0 51.8 77.8
43 27.3 20.2 30.2

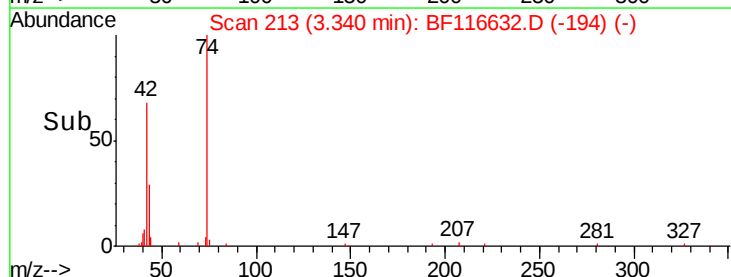
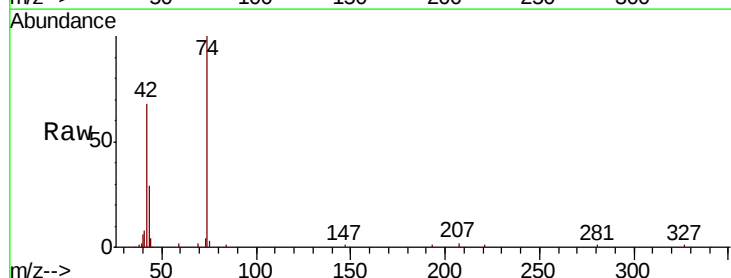
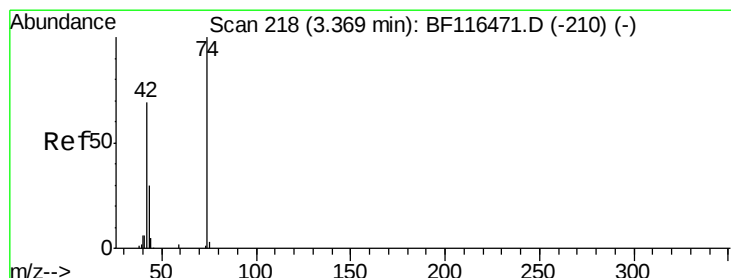
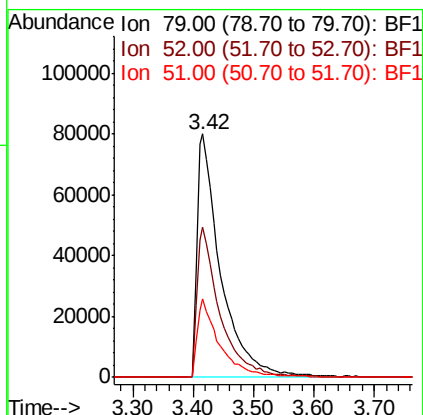




#3
 Pvridine
 Concen: 31.573 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.03 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

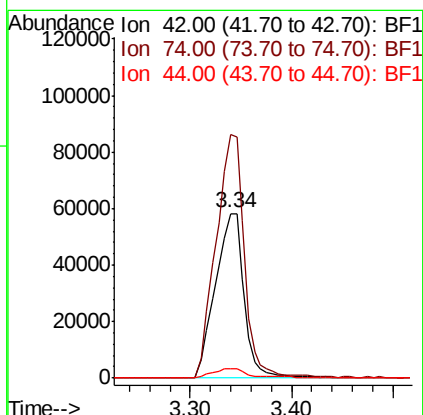
Instrument :
 BNA_F
 ClientSampled :

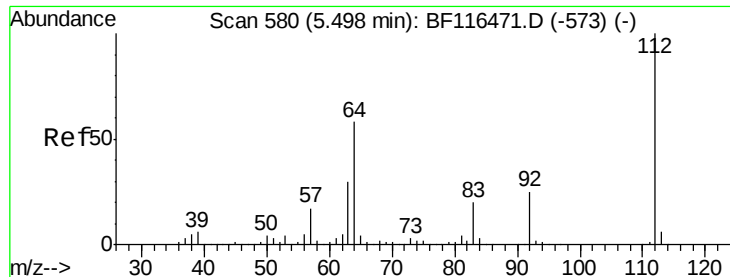
Tot Ion: 79 Resp: 218256
 Ion Ratio Lower Upper
 79 100
 52 61.5 47.9 71.9
 51 32.1 24.4 36.6



#4
 n-Nitrosodimethylamine
 Concen: 43.148 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion: 42 Resp: 114279
 Ion Ratio Lower Upper
 42 100
 74 148.1 120.0 180.0
 44 5.7 5.4 8.2





#5

2-Fluorophenol

Concen: 137.476 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampled :

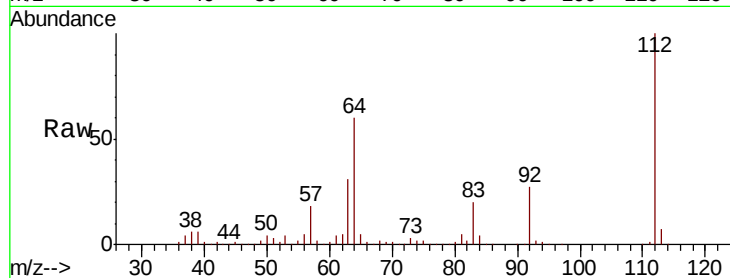
Tot Ion: 112 Resp: 745776

Ion Ratio Lower Upper

112 100

64 60.4 48.0 72.0

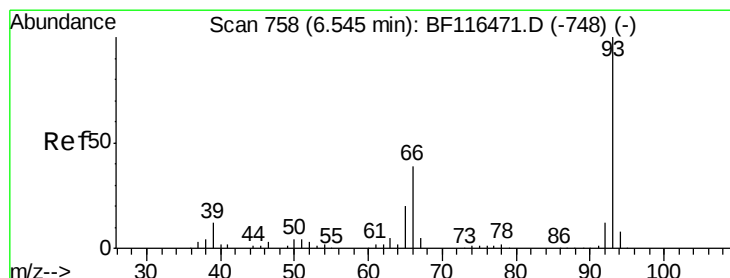
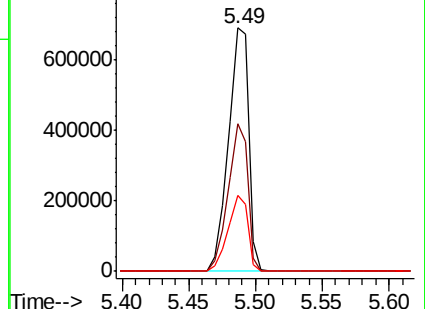
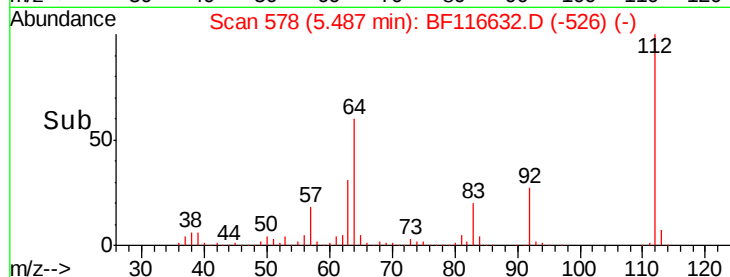
63 31.2 24.6 36.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.021 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

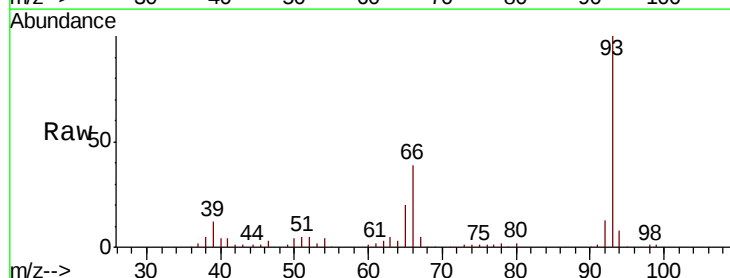
Tgt Ion: 93 Resp: 208268

Ion Ratio Lower Upper

93 100

66 38.9 32.1 48.1

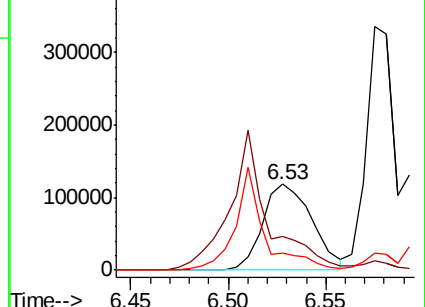
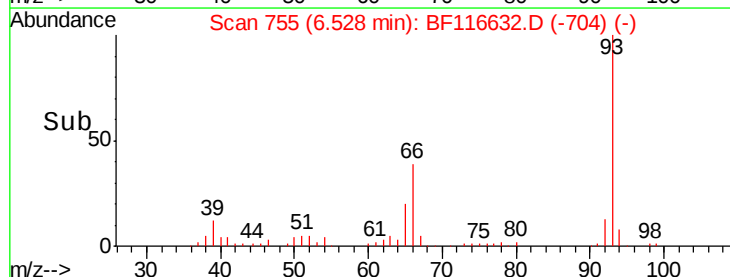
65 20.1 16.2 24.4

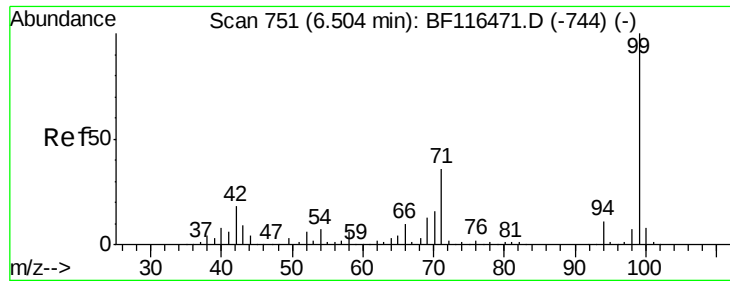


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.628 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

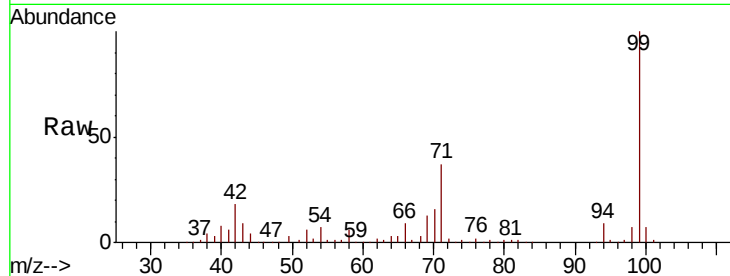
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1004839

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.2	19.8
71	37.0	27.4	41.2

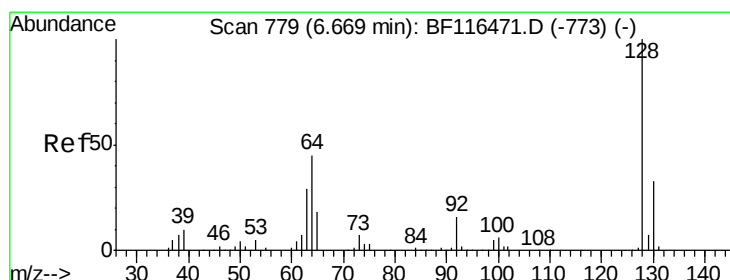
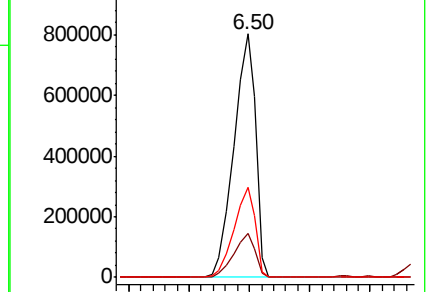
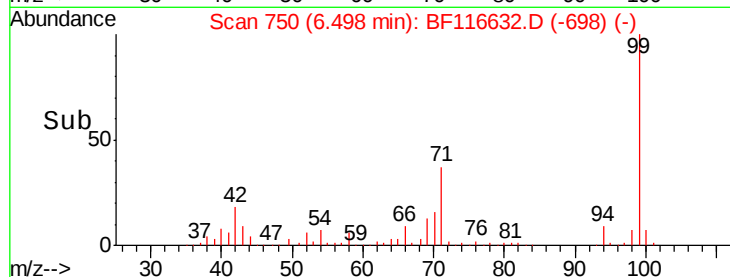


Abundance

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: 41.796 ng

RT: 6.65 min Scan# 776

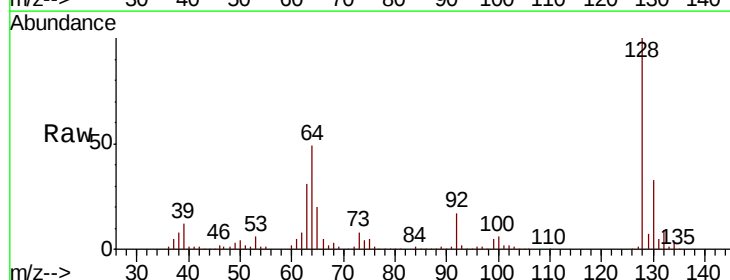
Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion: 128 Resp: 255508

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.8	51.8
64	48.9	26.9	66.9

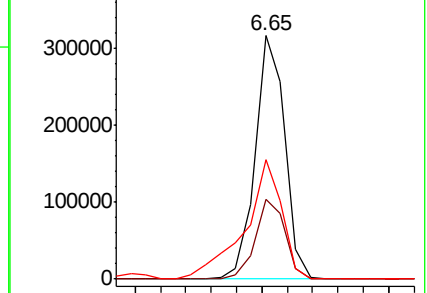
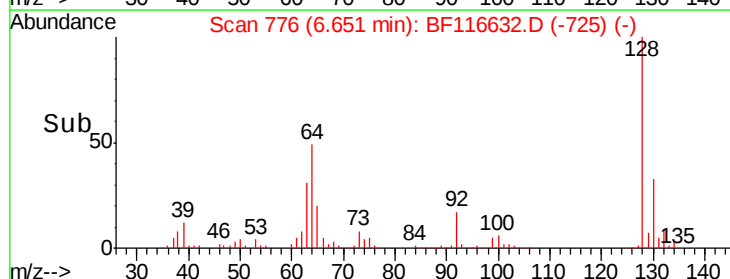


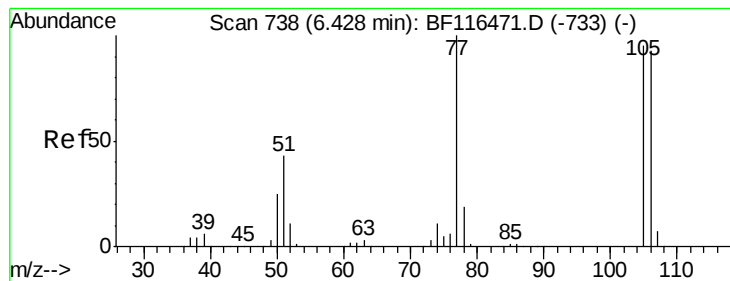
Abundance

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: 41.191 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampled :

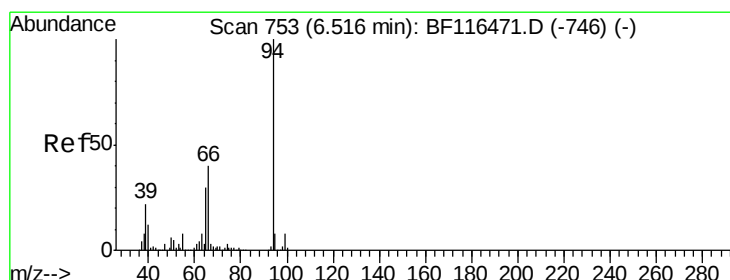
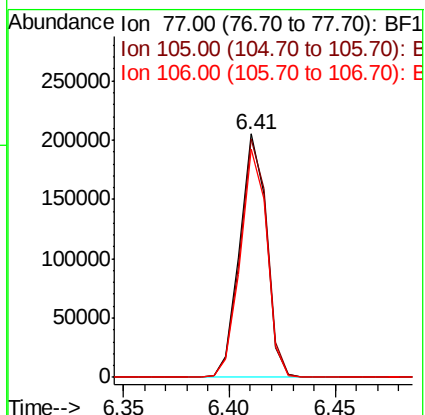
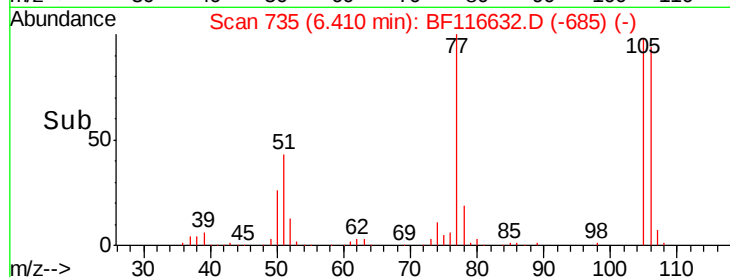
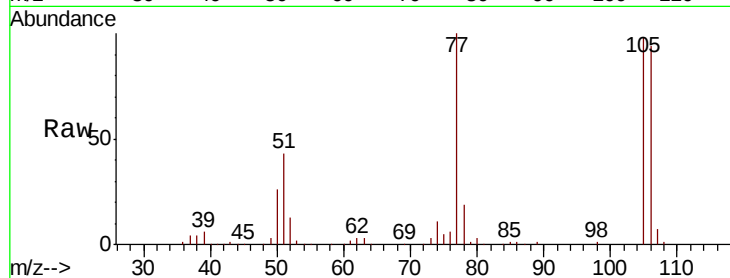
Tot Ion: 77 Resp: 179257

Ion Ratio Lower Upper

77 100

105 98.1 81.6 121.6

106 93.7 77.1 117.1



#10

Phenol

Concen: 46.110 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

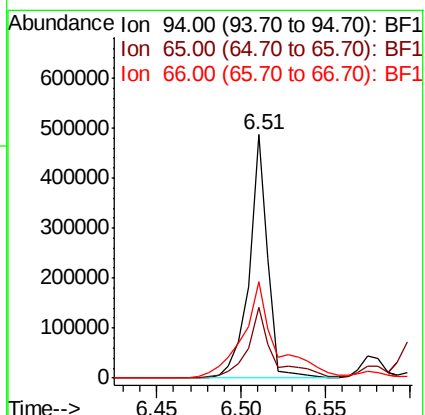
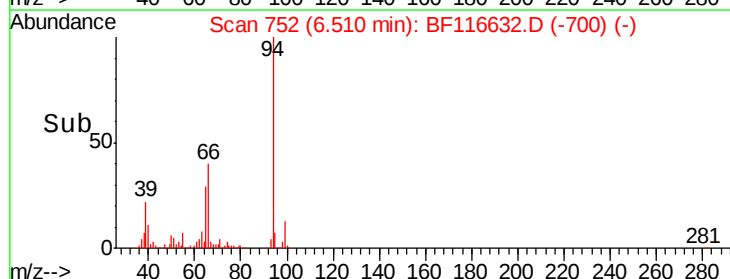
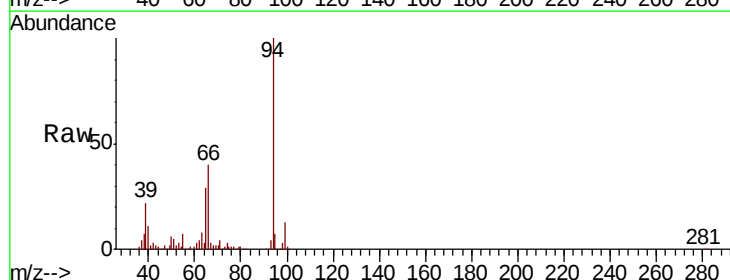
Tgt Ion: 94 Resp: 371978

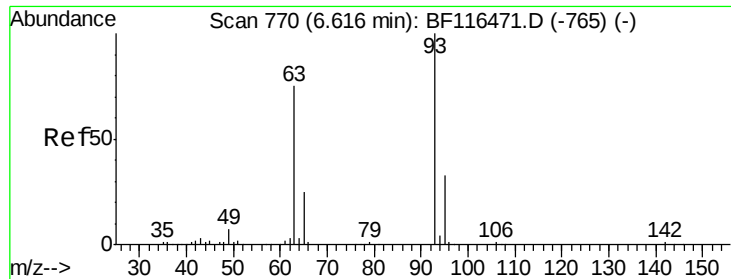
Ion Ratio Lower Upper

94 100

65 29.1 8.6 48.6

66 39.7 18.0 58.0

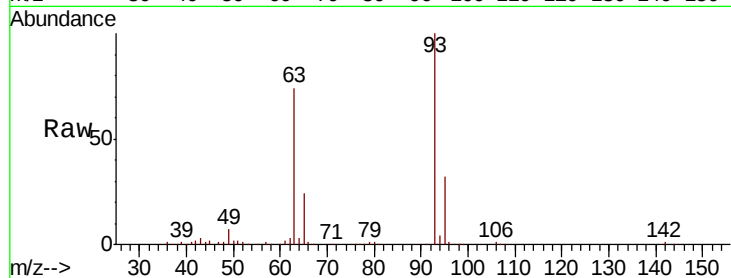




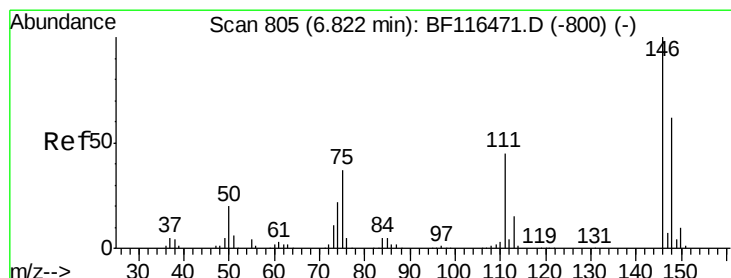
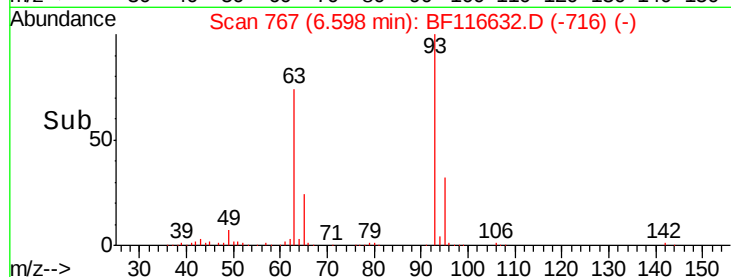
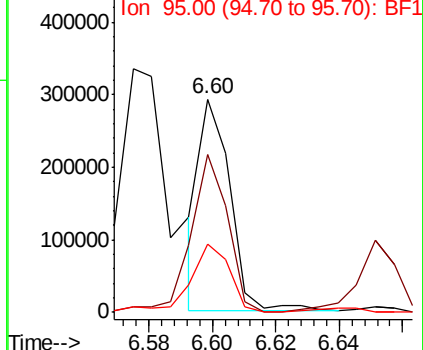
#11
bis(2-Chloroethyl)ether
Concen: 32.570 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 195277
Ion Ratio Lower Upper
93 100
63 74.2 54.7 94.7
95 31.9 12.7 52.7

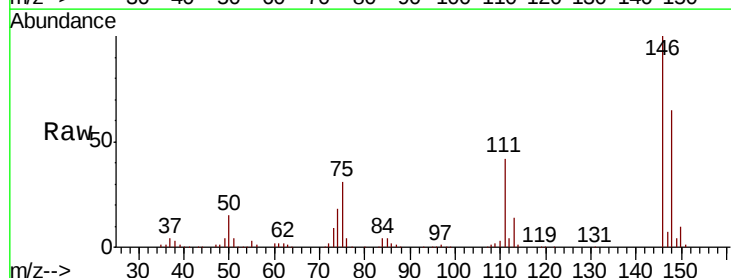


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

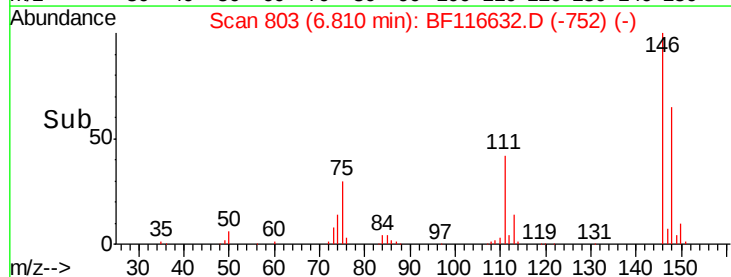
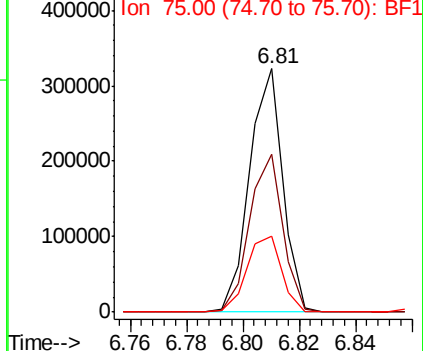


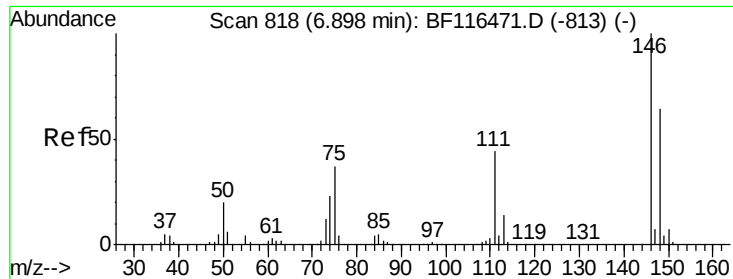
#12
1,3-Dichlorobenzene
Concen: 36.351 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion: 146 Resp: 263242
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
75 31.3 25.1 37.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

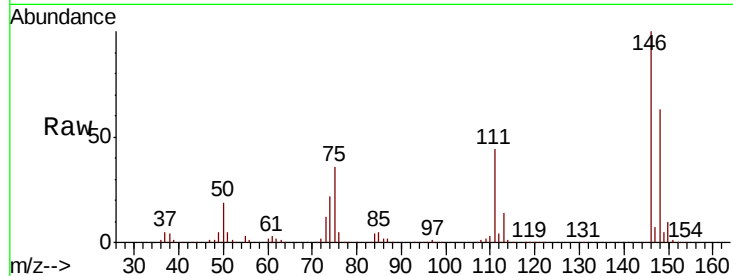




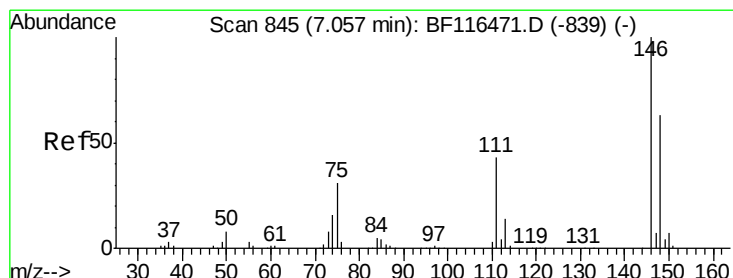
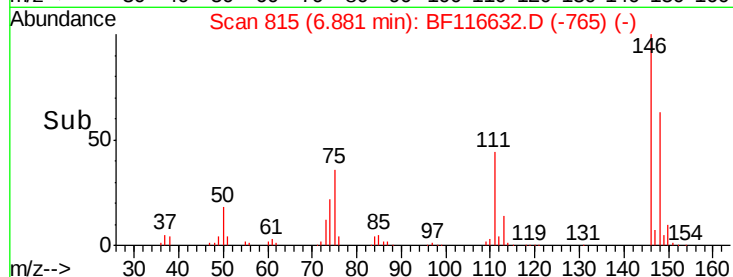
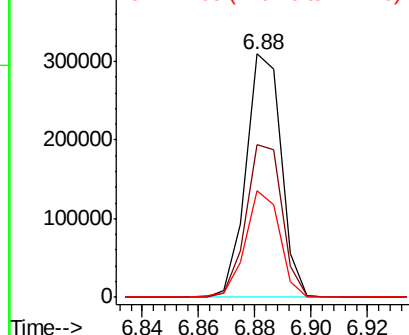
#13
 1,4-Dichlorobenzene
 Concen: 37.146 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 268782
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.6
 111 44.0 33.1 49.7

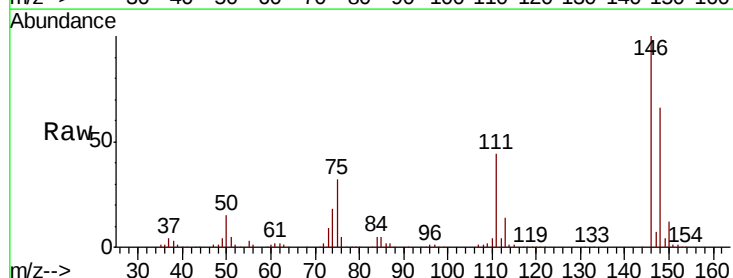


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

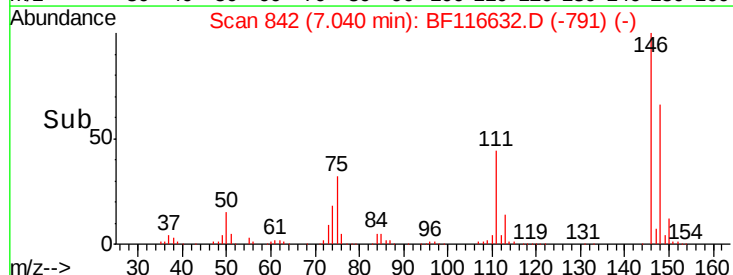
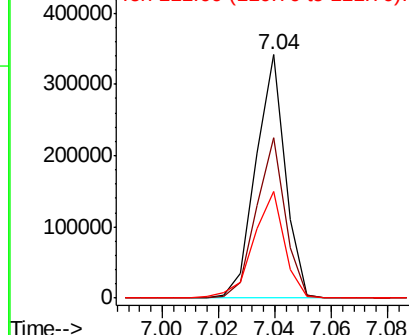


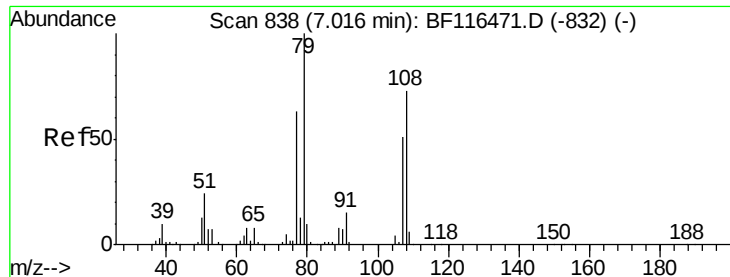
#14
 1,2-Dichlorobenzene
 Concen: 35.954 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion:146 Resp: 245860
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.8 77.6
 111 43.8 34.9 52.3



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





#15

Benzyl Alcohol

Concen: 42.942 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

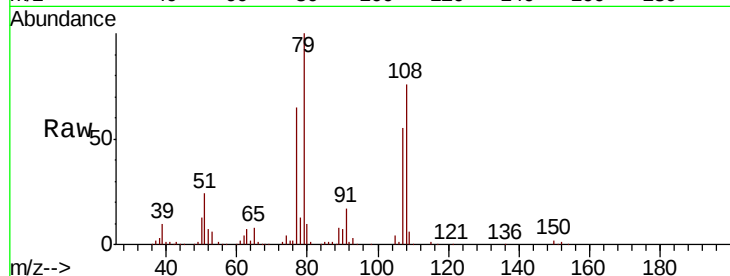
Tot Ion: 79 Resp: 245688

Ion Ratio Lower Upper

79 100

108 76.4 62.2 93.4

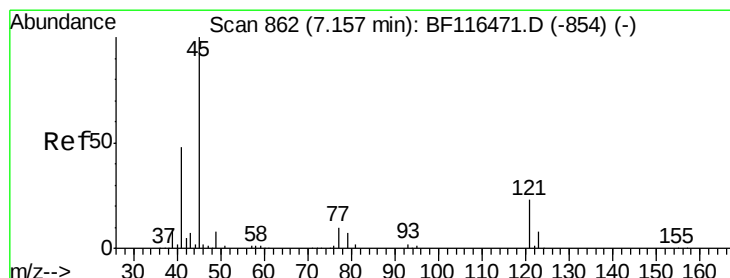
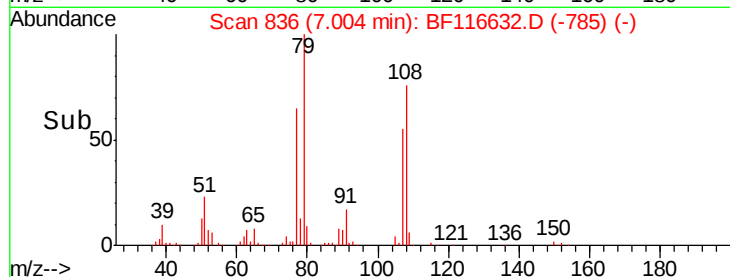
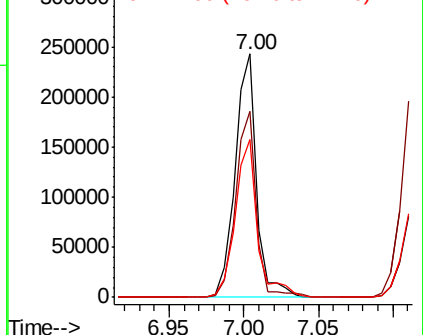
77 64.6 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.404 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

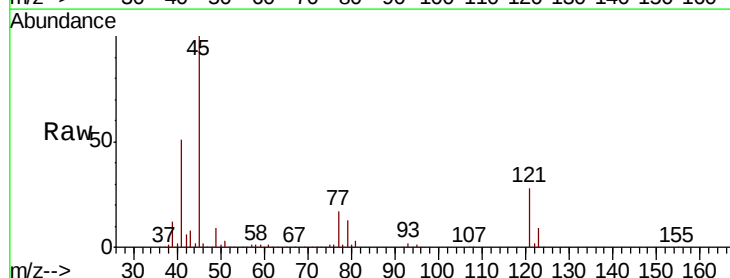
Tgt Ion: 45 Resp: 296033

Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.4

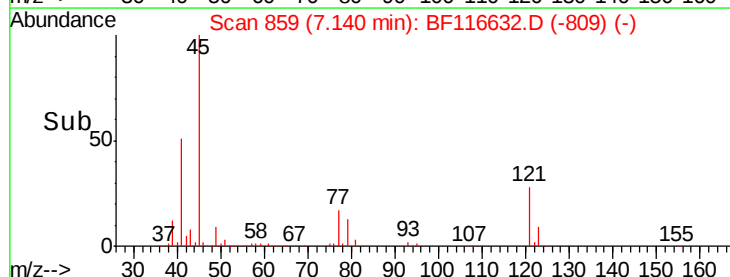
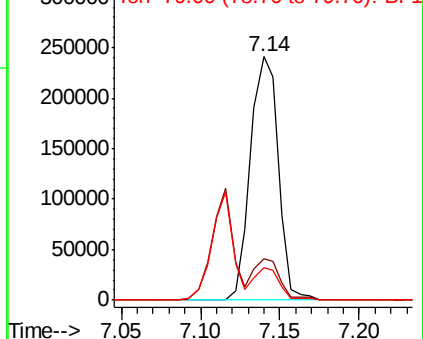
79 13.1 0.0 32.9

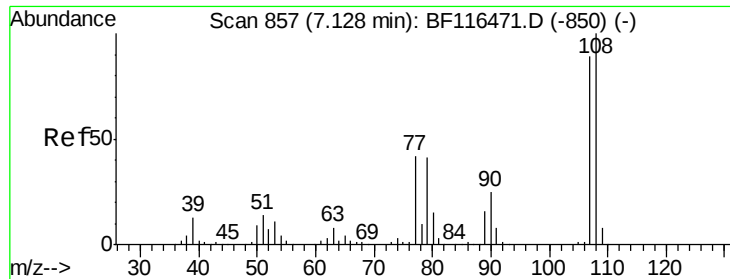


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.869 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 218244

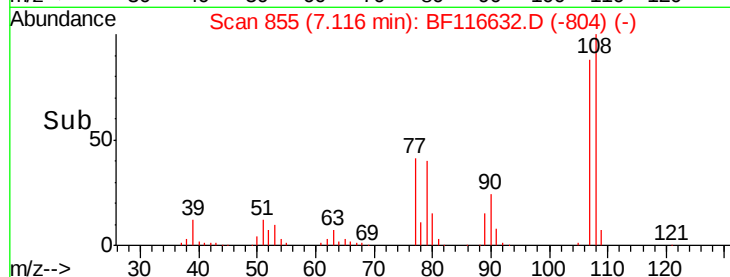
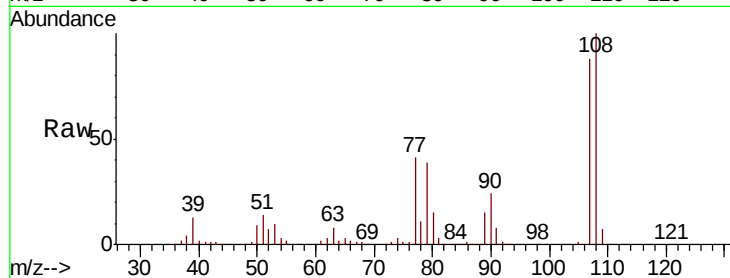
Ion Ratio Lower Upper

107 100

108 113.3 90.9 136.3

77 46.5 36.8 55.2

79 44.7 36.2 54.4

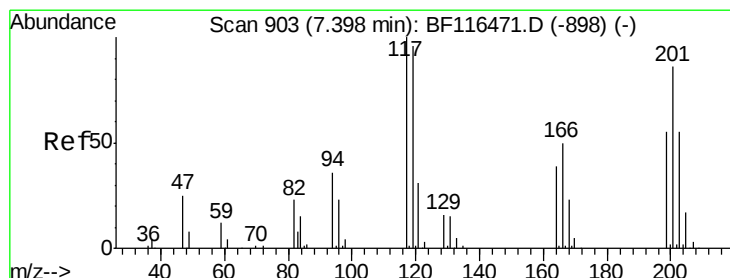
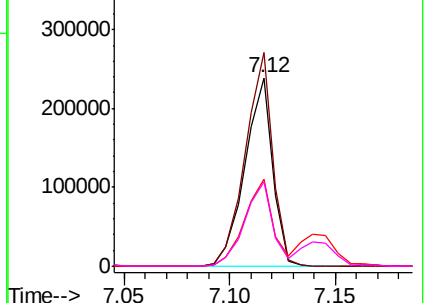


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.215 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

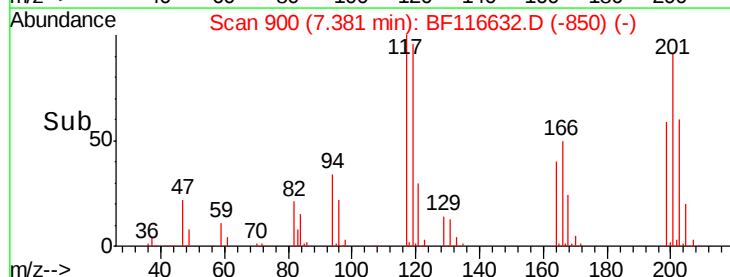
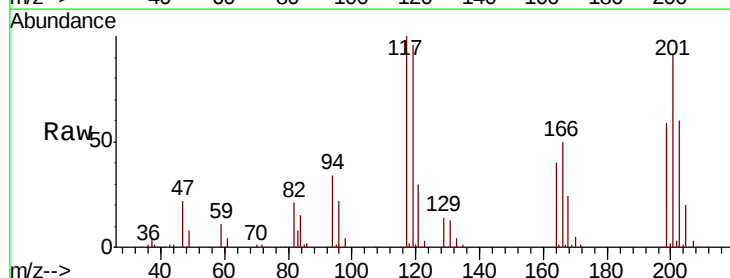
Tgt Ion:117 Resp: 99429

Ion Ratio Lower Upper

117 100

119 96.0 78.6 118.0

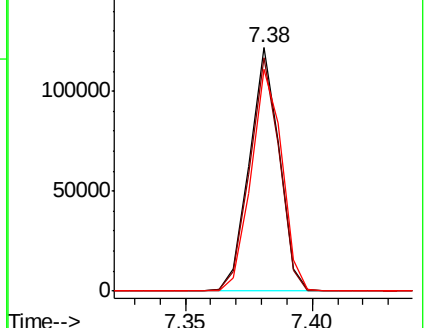
201 91.4 86.2 129.2

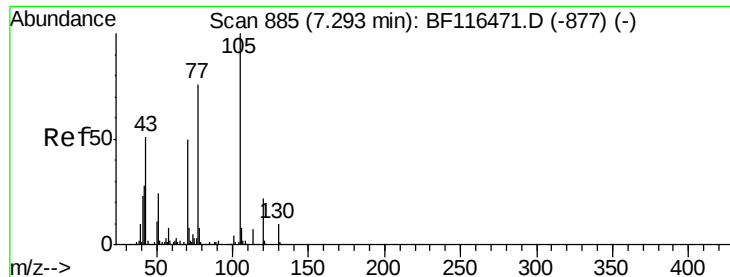


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

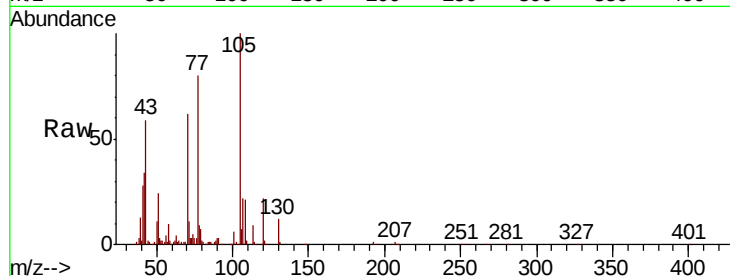




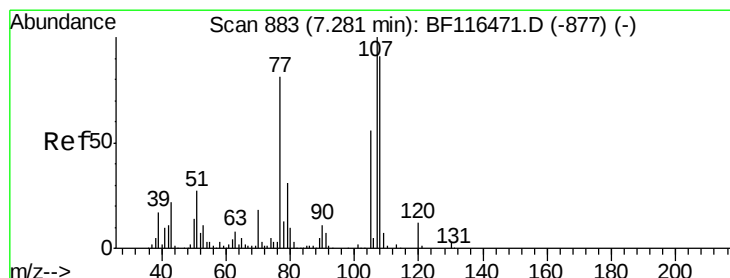
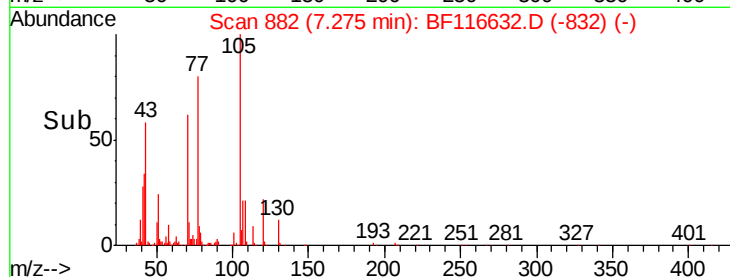
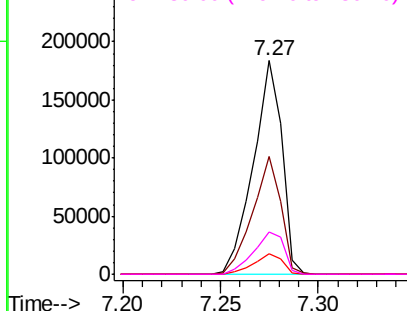
#19
n-Nitroso-di-n-propylamine
Concen: 39.928 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	186745
Ion	Ratio	Lower	Upper
70	100		
42	55.2	41.2	61.8
101	9.8	7.7	11.5
130	19.9	17.9	26.9

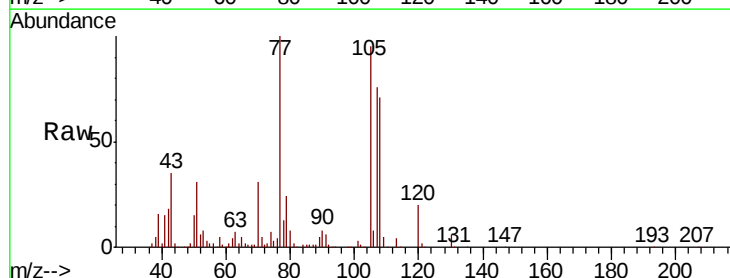


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

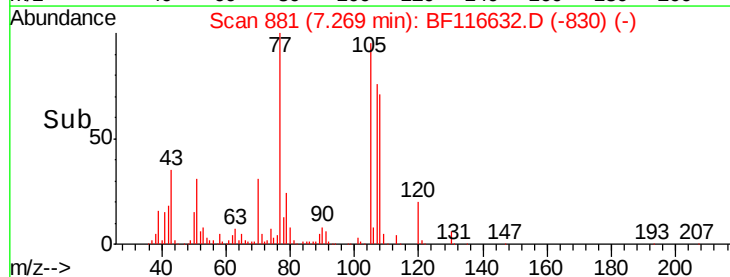
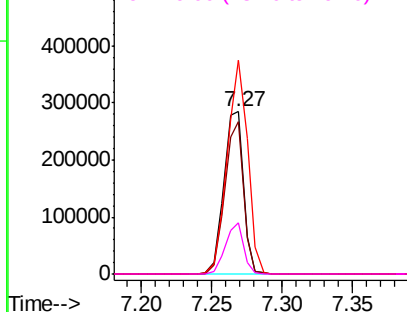


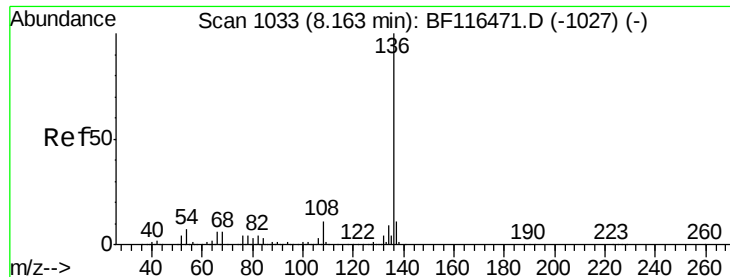
#20
3+4-Methylphenols
Concen: 41.704 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:	107	Resp:	277327
Ion	Ratio	Lower	Upper
107	100		
108	93.4	72.6	112.6
77	131.5	82.4	122.4#
79	31.3	10.6	50.6



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

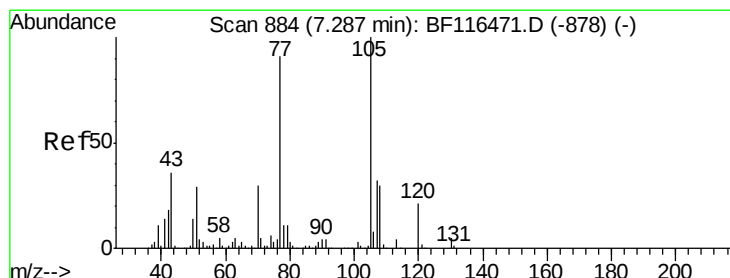
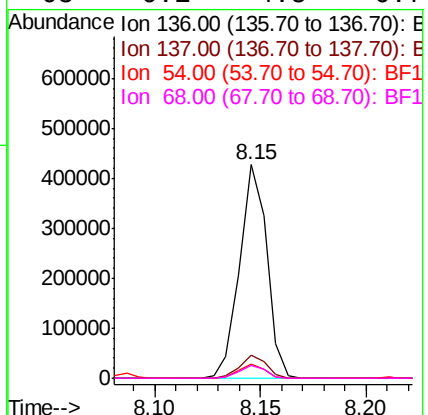
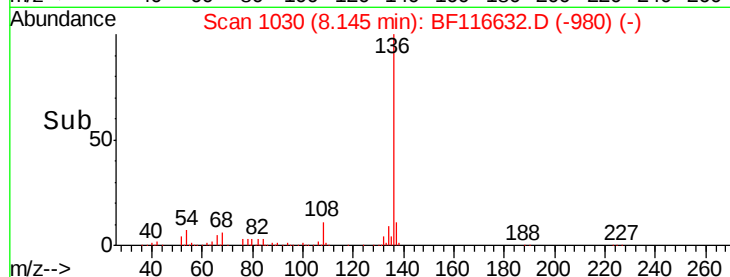
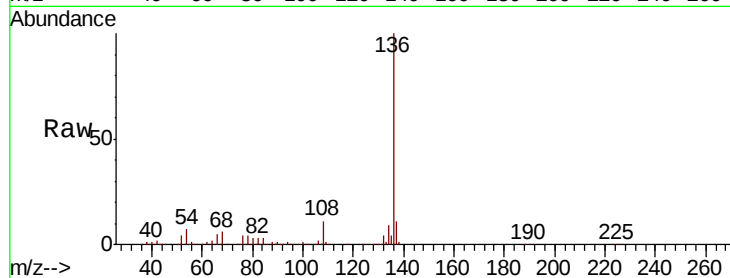




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

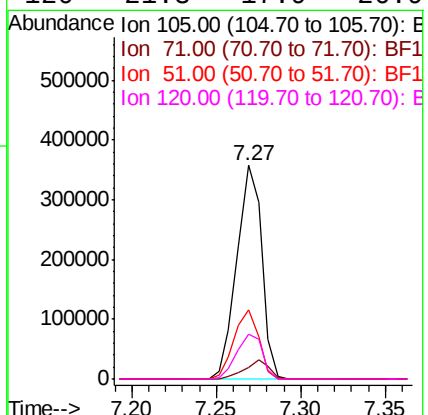
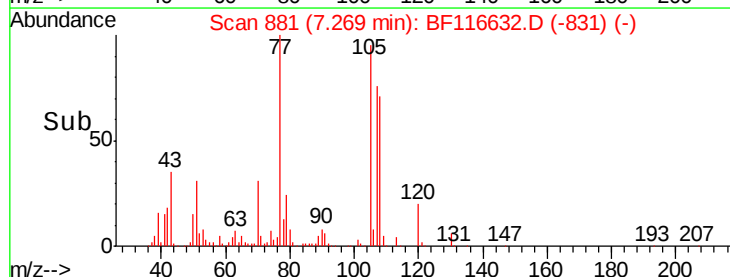
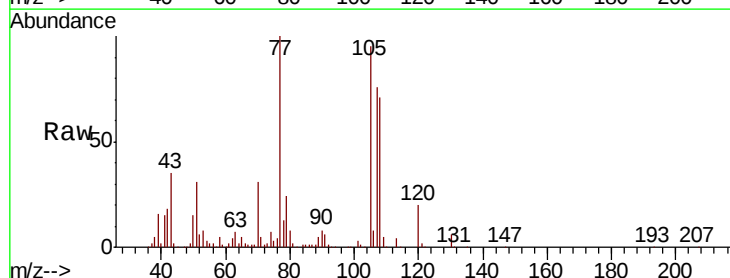
Instrument :
BNA_F
ClientSampleId :

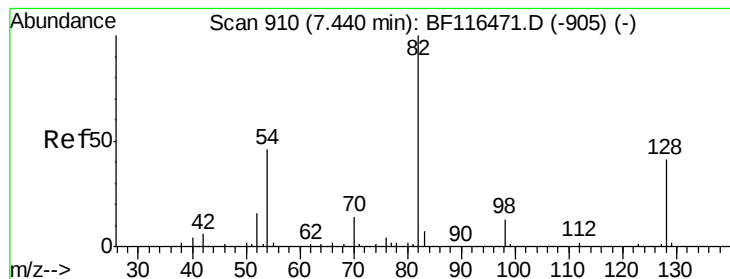
Tot Ion:136	Resp:	381547
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	6.9	5.0 7.4
68	6.1	4.5 6.7



#22
Acetophenone
Concen: 41.014 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:105	Resp:	367539
Ion	Ratio	Lower Upper
105	100	
71	5.3	5.0 7.6
51	32.6	20.7 31.1#
120	21.3	17.9 26.9





#23

Nitrobenzene-d5

Concen: 94.107 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

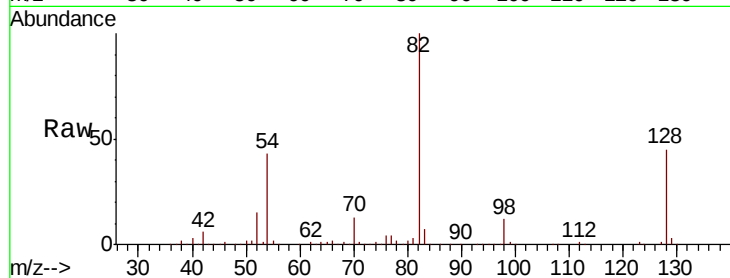
Tot Ion: 82 Resp: 627510

Ion Ratio Lower Upper

82 100

128 45.4 35.0 52.6

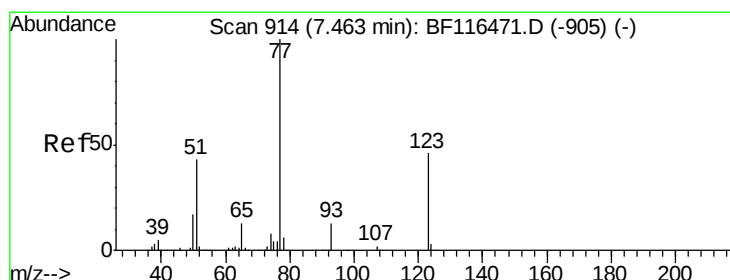
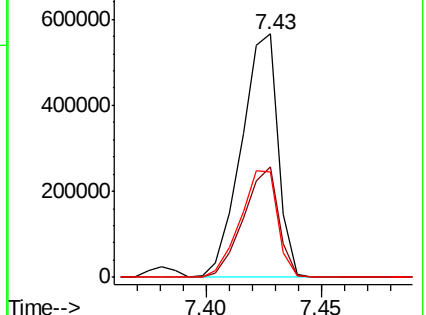
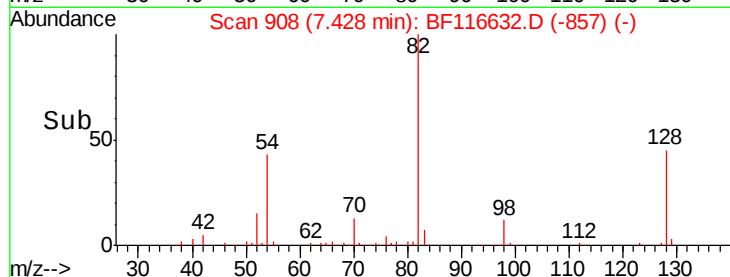
54 43.4 34.4 51.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.814 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

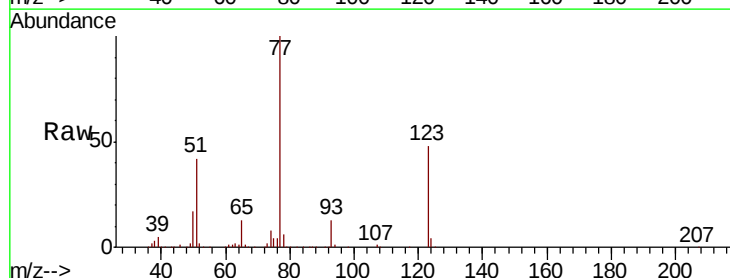
Tgt Ion: 77 Resp: 282732

Ion Ratio Lower Upper

77 100

123 48.4 38.2 57.4

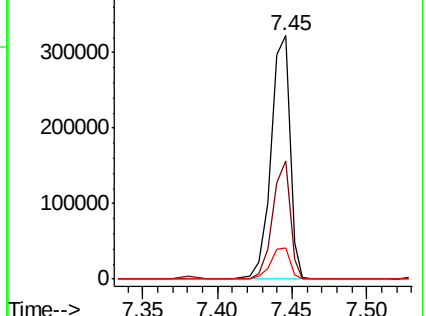
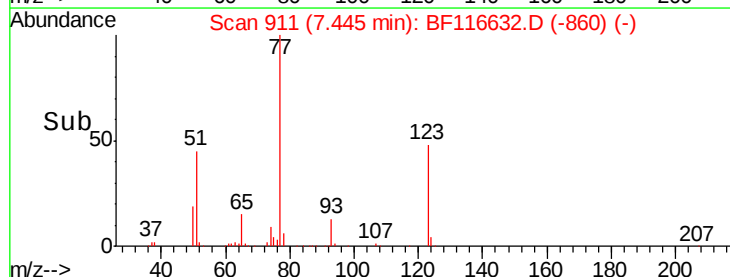
65 13.0 11.0 16.6

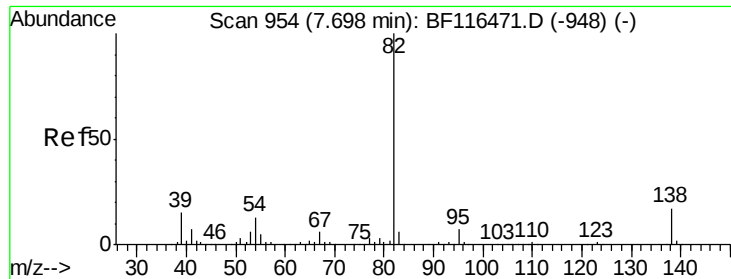


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.953 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

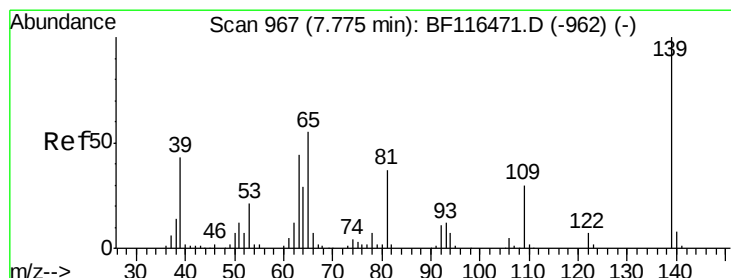
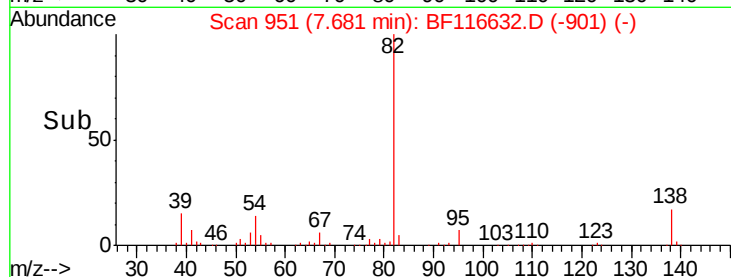
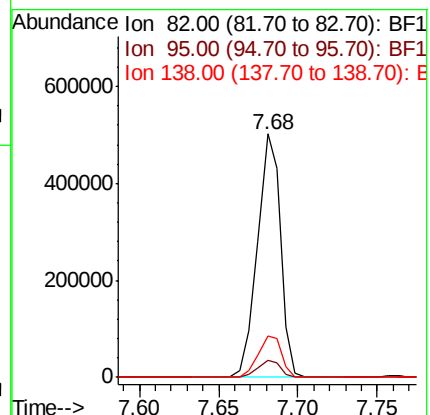
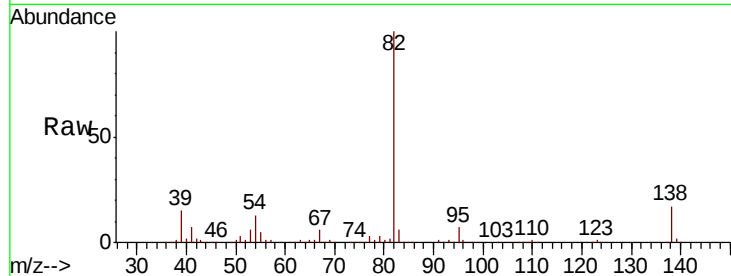
Tot Ion: 82 Resp: 509262

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 16.8 14.4 21.6



#26

2-Nitrophenol

Concen: 42.789 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

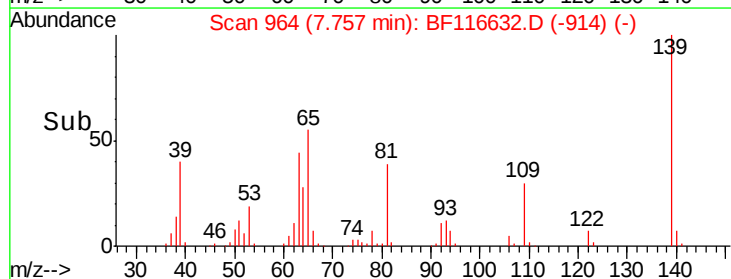
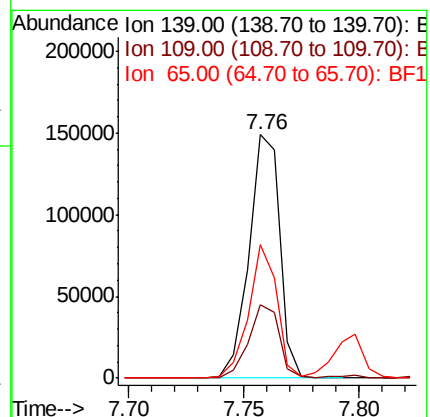
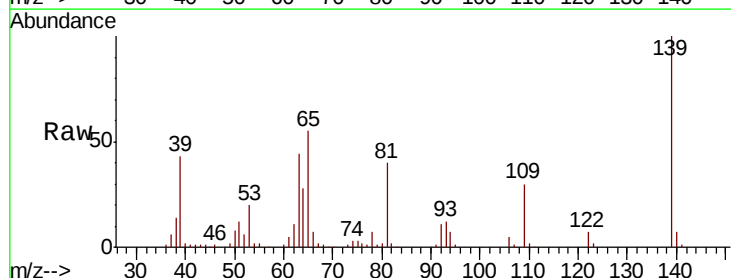
Tgt Ion: 139 Resp: 139045

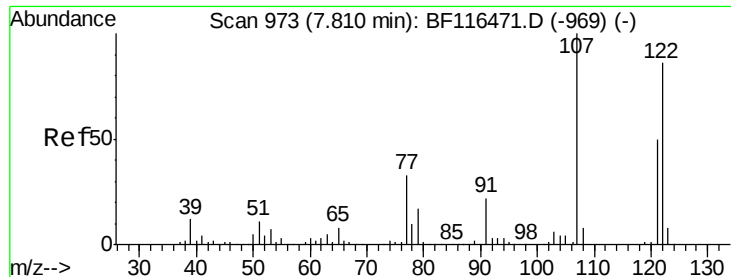
Ion Ratio Lower Upper

139 100

109 29.9 22.4 33.6

65 55.0 36.9 55.3





#27

2,4-Dimethylphenol

Concen: 45.422 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

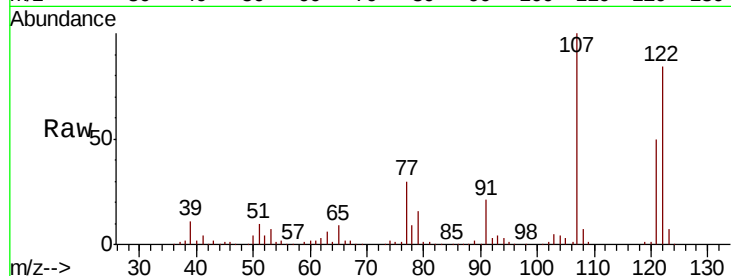
Tot Ion:122 Resp: 231126

Ion Ratio Lower Upper

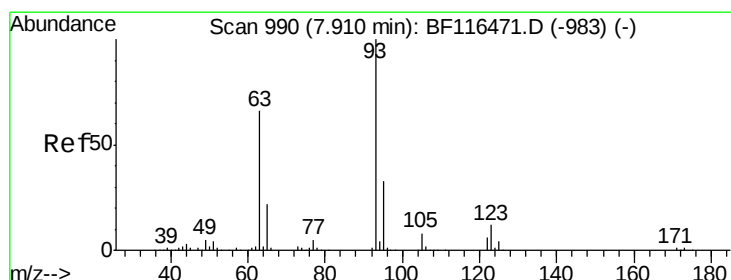
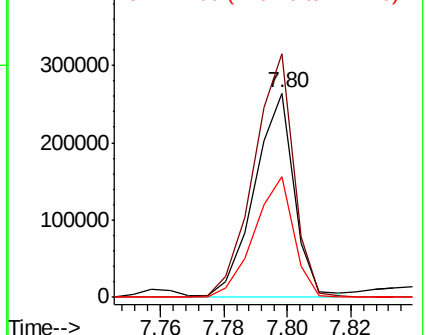
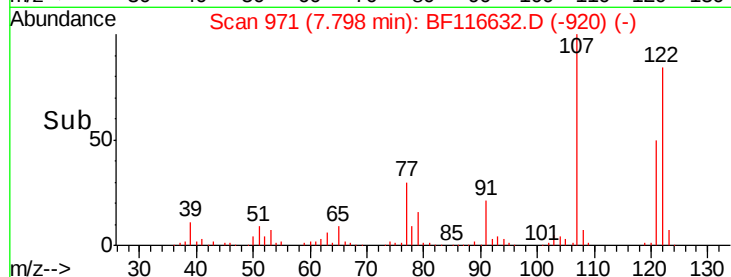
122 100

107 119.1 95.4 143.0

121 59.1 47.8 71.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.936 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

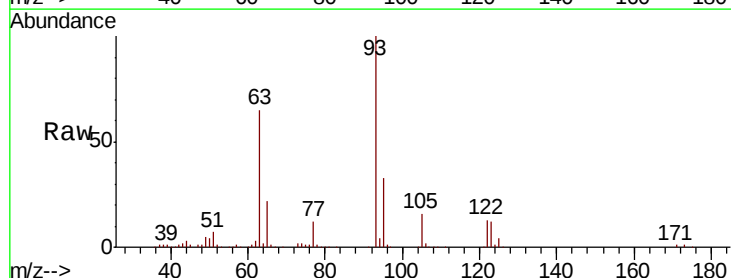
Tgt Ion: 93 Resp: 306999

Ion Ratio Lower Upper

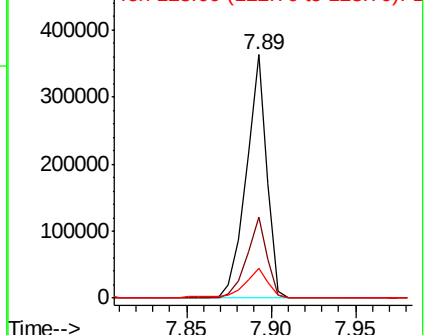
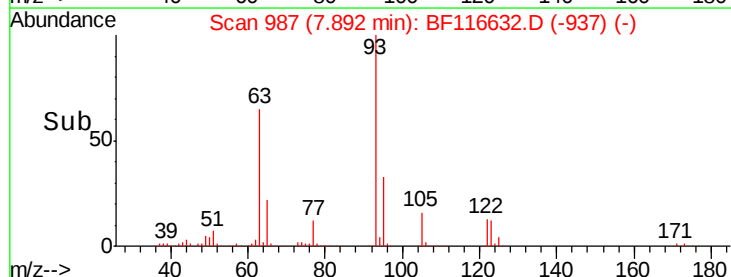
93 100

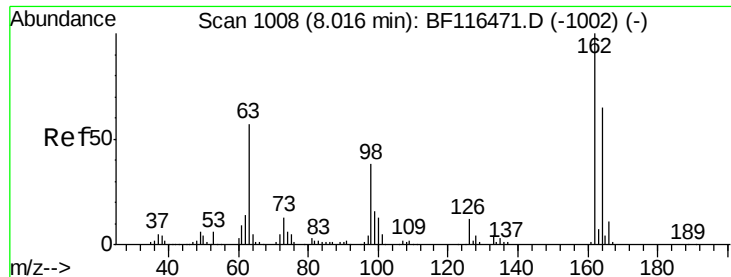
95 33.5 26.1 39.1

123 12.2 10.4 15.6



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

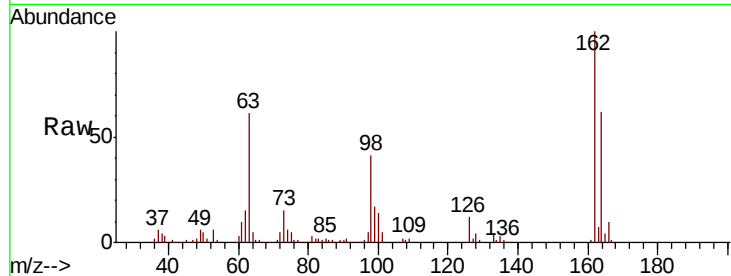




#29
 2,4-Dichlorophenol
 Concen: 41.277 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	45.9	85.9
98	40.5	17.4	57.4

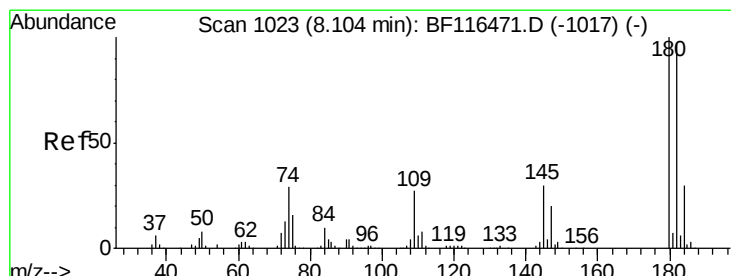
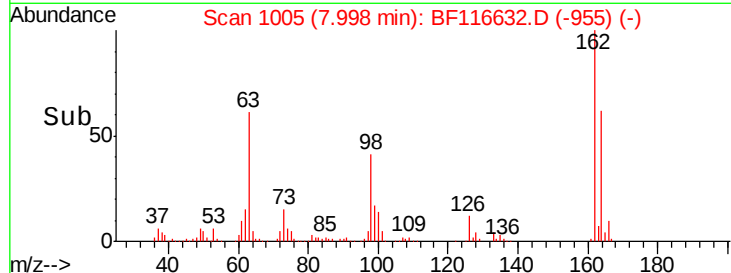
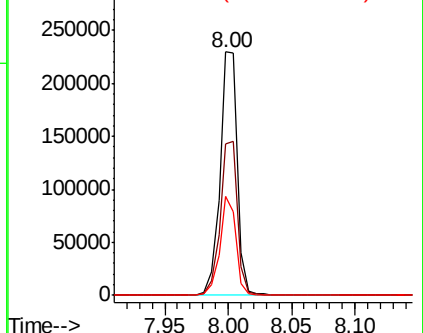


Abundance

Ion 162.00 (161.70 to 162.70): E

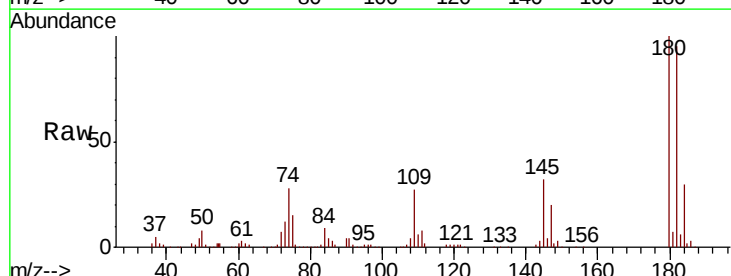
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.642 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.7	115.1
145	31.8	24.1	36.1

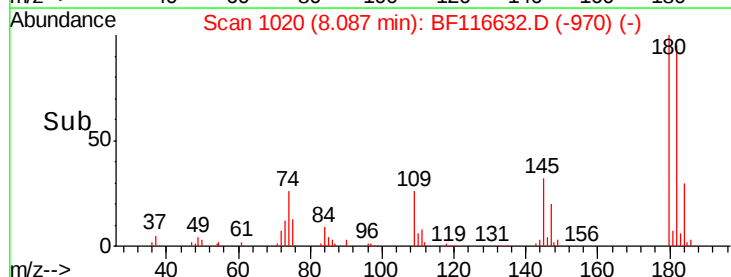
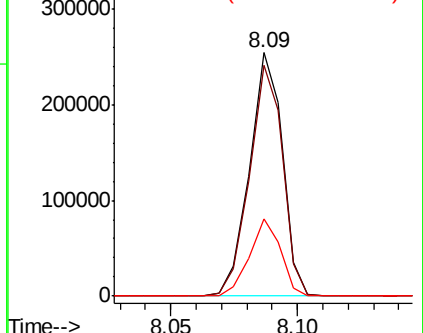


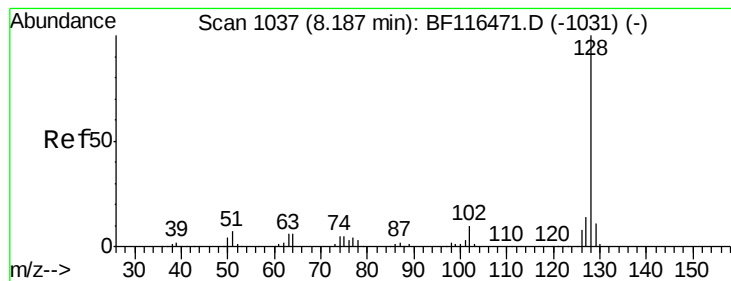
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.992 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

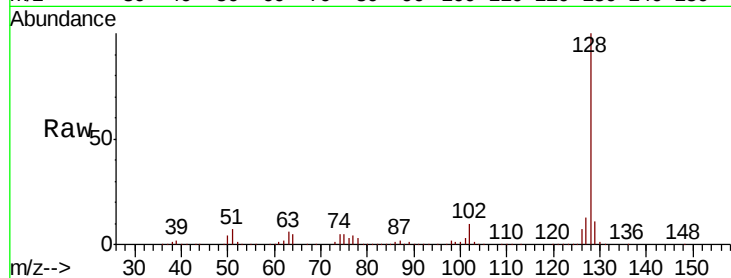
Tot Ion:128 Resp: 785754

Ion Ratio Lower Upper

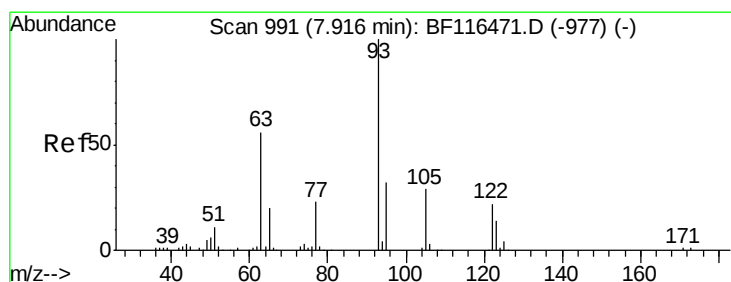
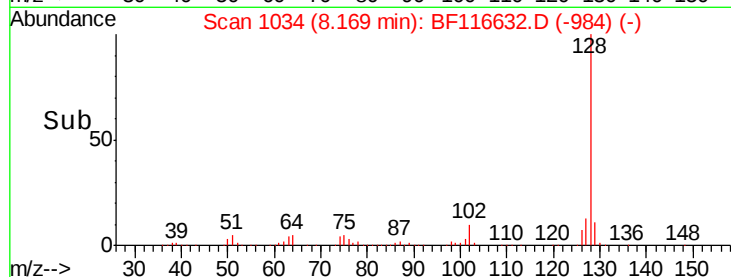
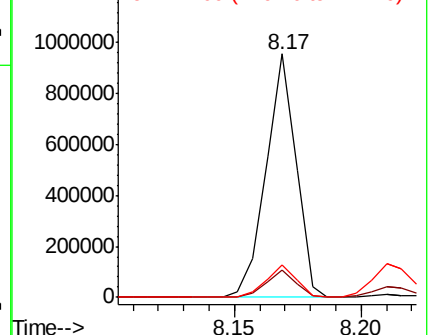
128 100

129 11.3 8.9 13.3

127 13.4 10.9 16.3



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: 35.163 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

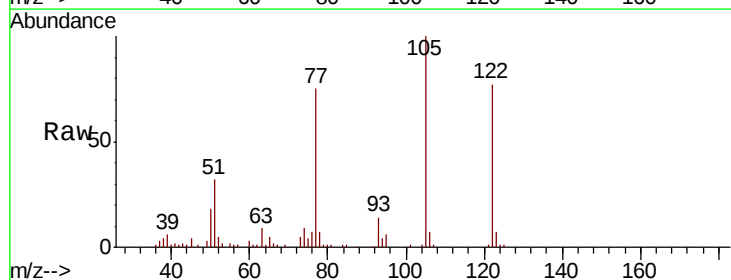
Tgt Ion:122 Resp: 152905

Ion Ratio Lower Upper

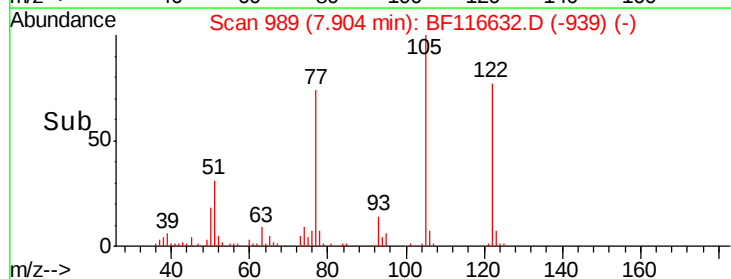
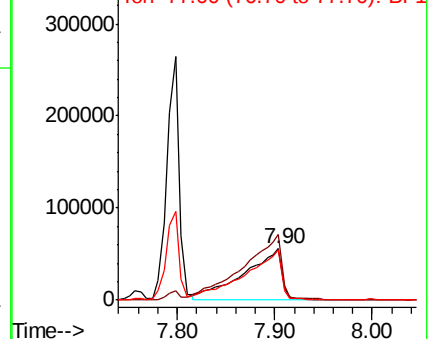
122 100

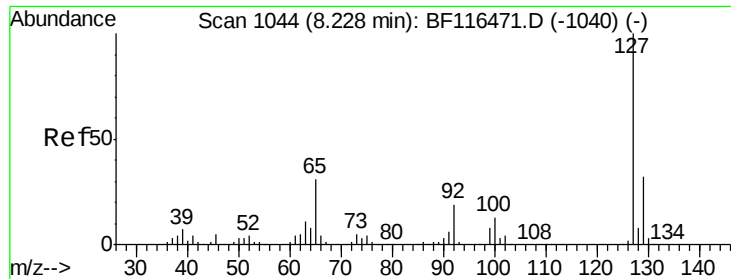
105 129.8 105.8 145.8

77 97.3 74.1 114.1



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

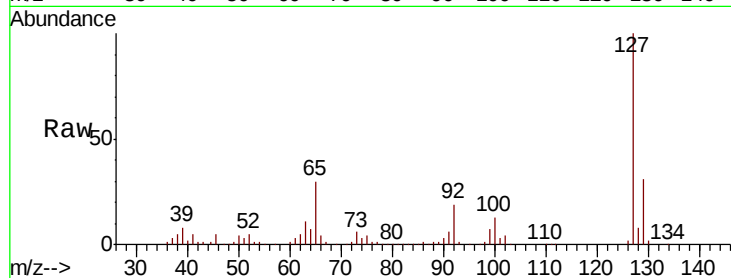




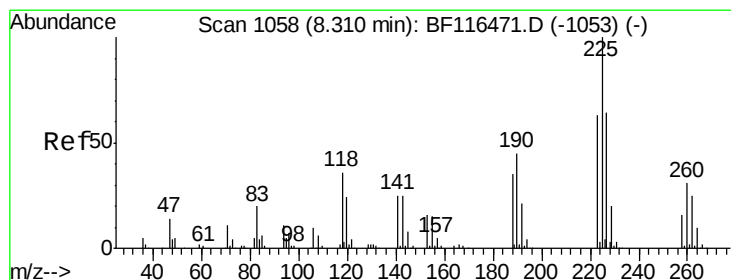
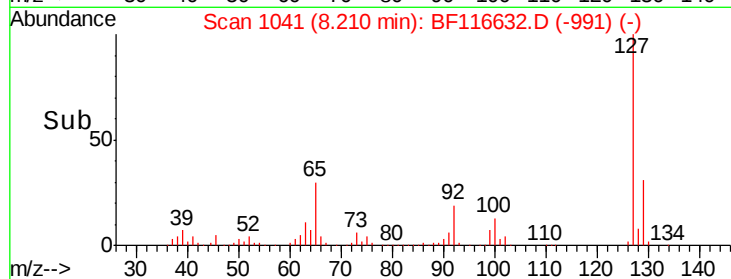
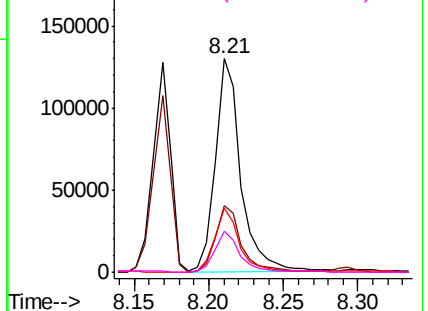
#33
4-Chloroaniline
Concen: 19.308 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	155532
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	30.0	22.6	33.8
92	19.3	15.0	22.6

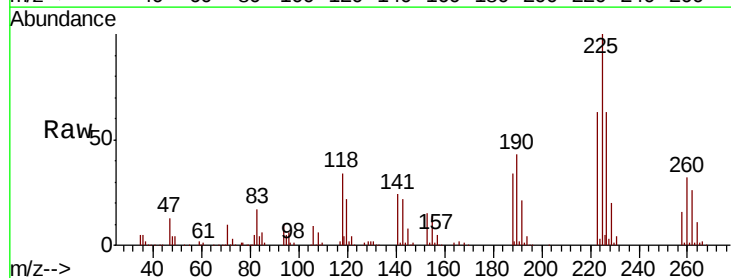


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

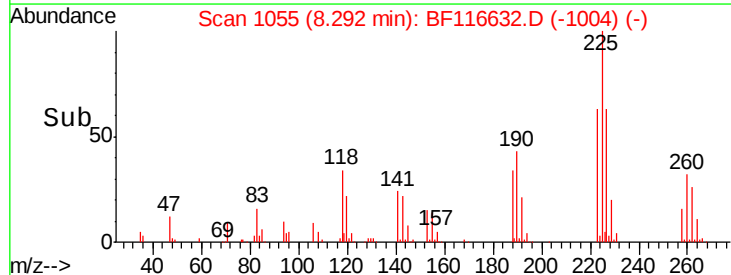
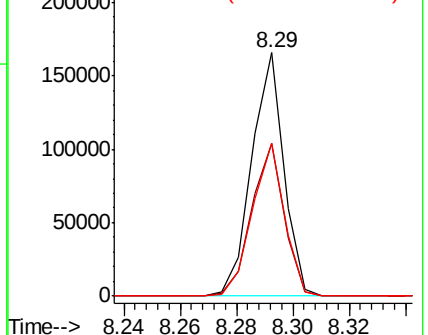


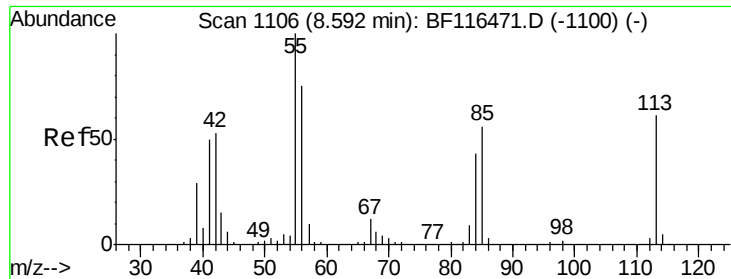
#34
Hexachlorobutadiene
Concen: 38.435 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:	225	Resp:	130826
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	62.9	50.4	75.6



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

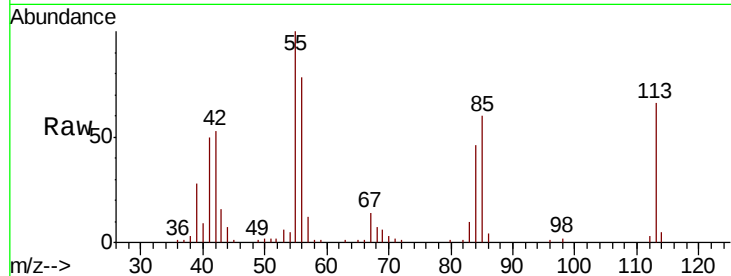




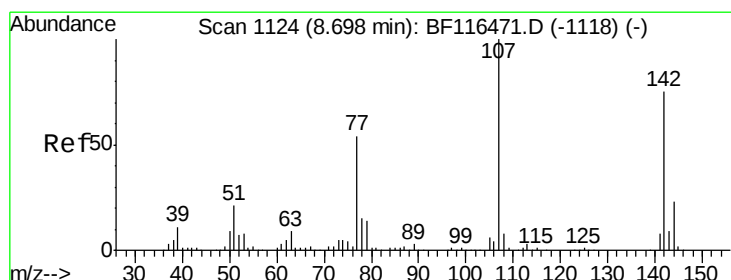
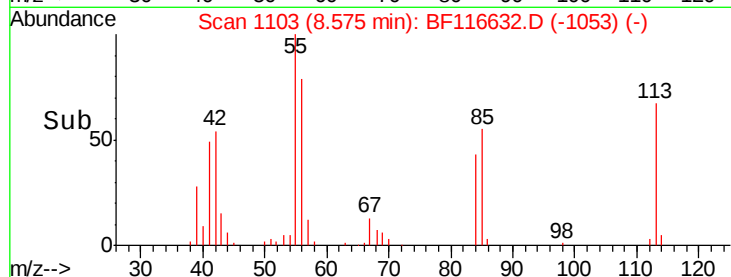
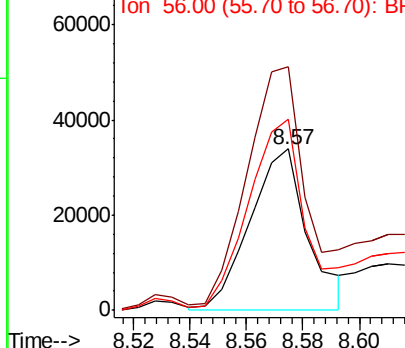
#35
Caprolactam
Concen: 30.310 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleID :

Tot Ion:113 Resp: 48132
Ion Ratio Lower Upper
113 100
55 151.0 128.3 168.3
56 118.2 93.2 133.2

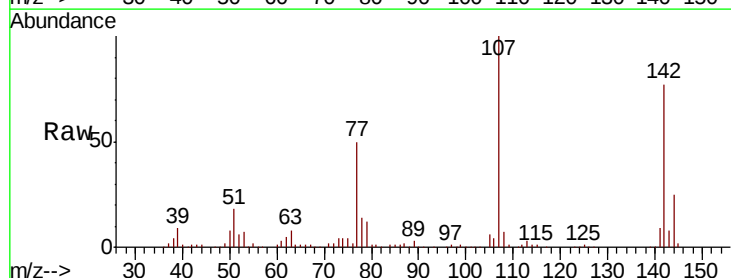


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

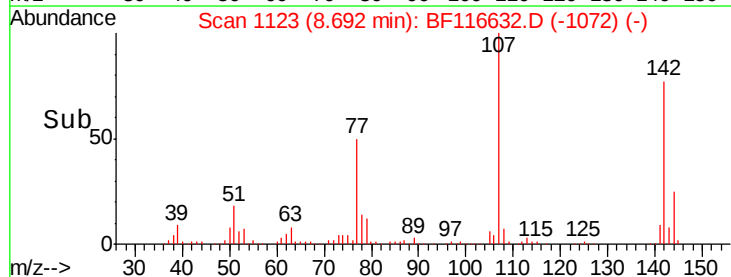
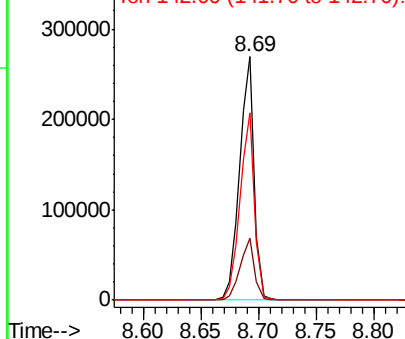


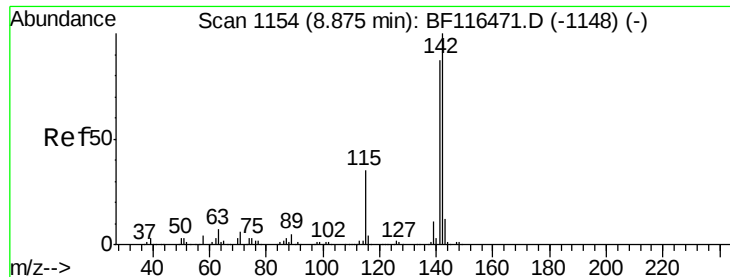
#36
4-Chloro-3-methylphenol
Concen: 44.207 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:107 Resp: 236824
Ion Ratio Lower Upper
107 100
144 25.3 20.6 30.8
142 76.8 63.8 95.6



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

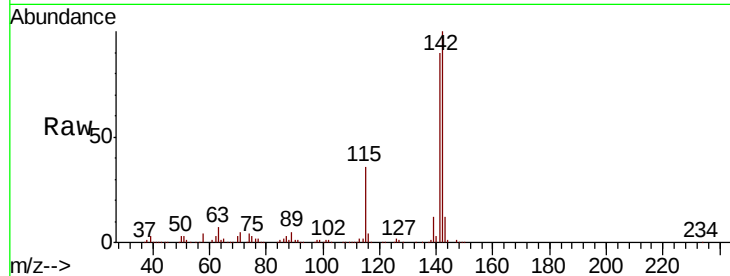




#37
2-Methylnaphthalene
Concen: 42.625 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.5	104.3
115	35.5	26.0	39.0

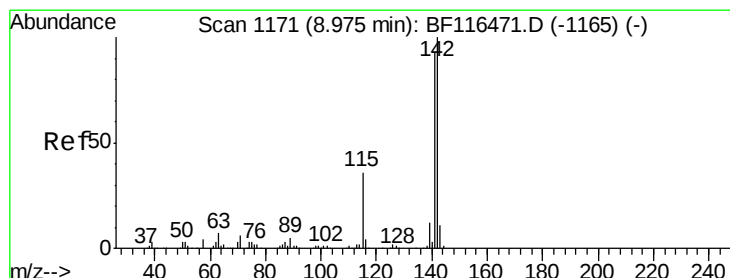
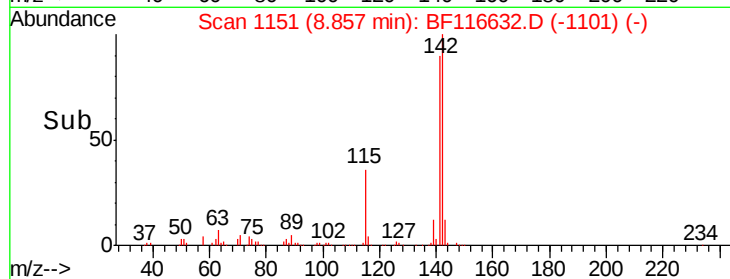
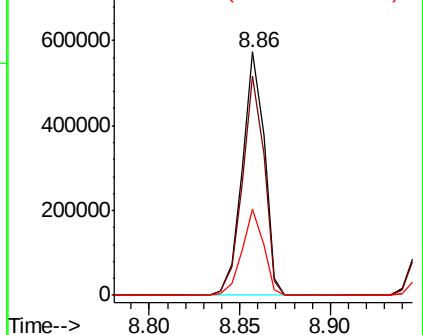


Abundance

Ion 142.00 (141.70 to 142.70): E

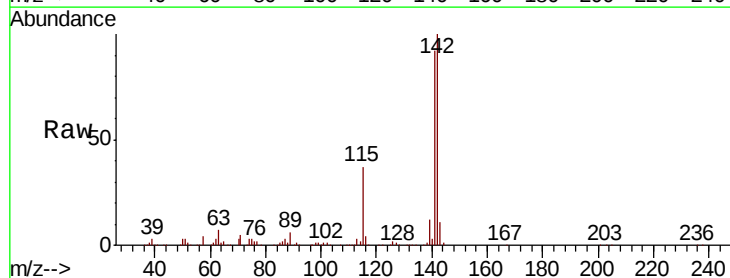
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.949 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.1	109.7
116	3.7	2.7	4.1

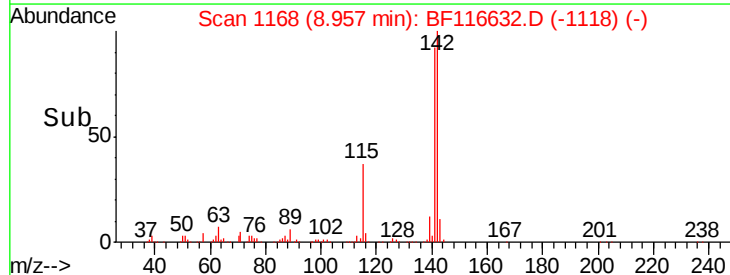
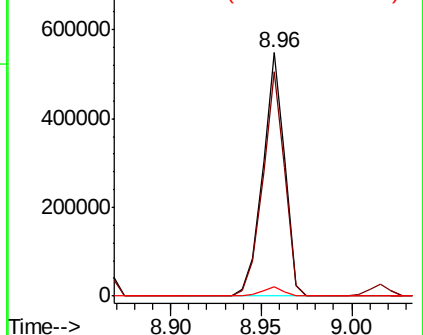


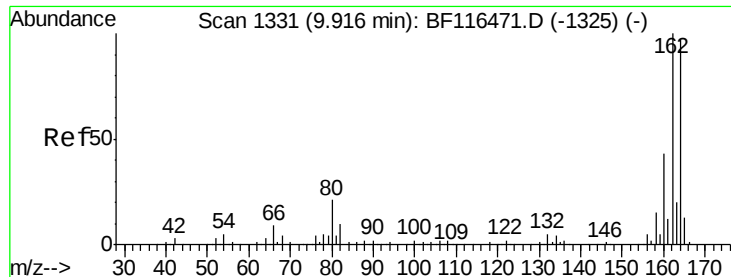
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

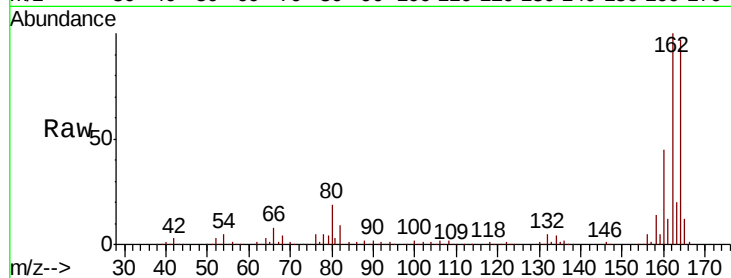
Tot Ion:164 Resp: 167962

Ion Ratio Lower Upper

164 100

162 102.9 83.4 125.0

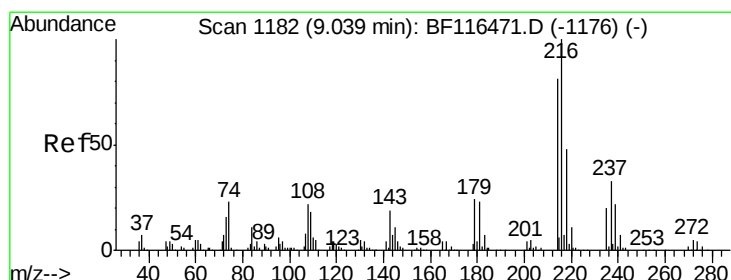
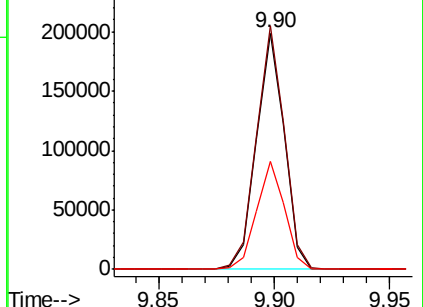
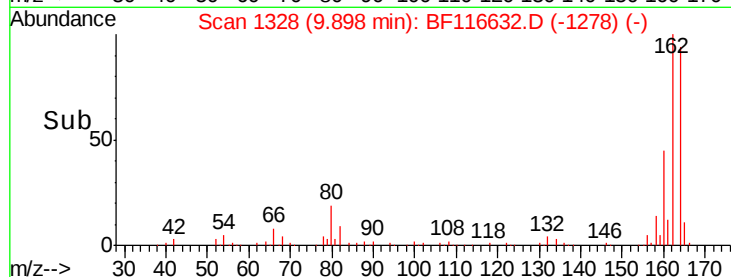
160 45.9 37.0 55.4



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: 46.238 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Tgt Ion:216 Resp: 213073

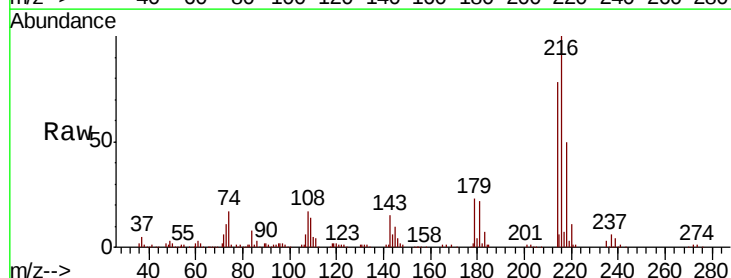
Ion Ratio Lower Upper

216 100

214 79.7 63.3 94.9

179 23.1 17.9 26.9

108 21.6 16.0 24.0

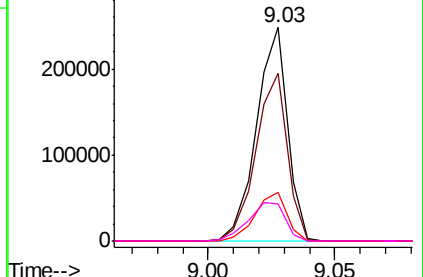
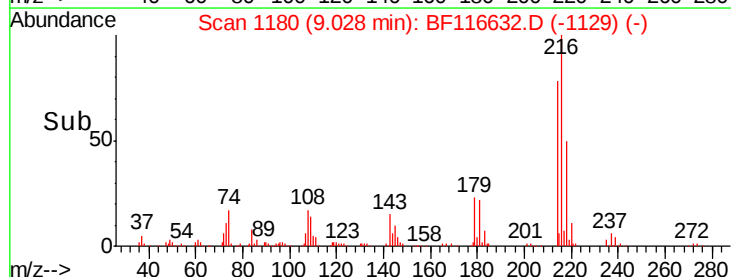


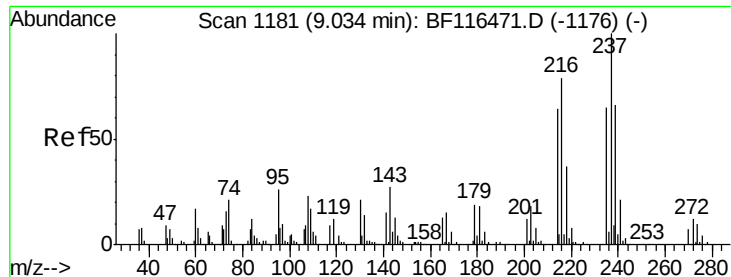
Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.732 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampled :

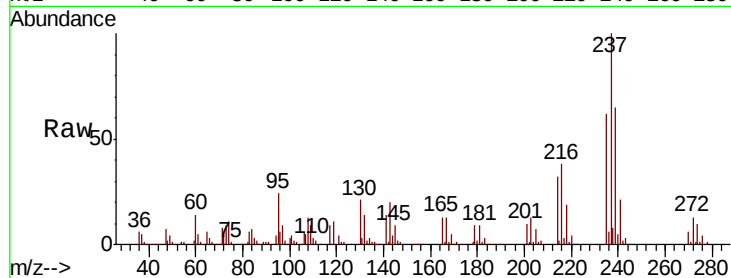
Tot Ion:237 Resp: 156726

Ion Ratio Lower Upper

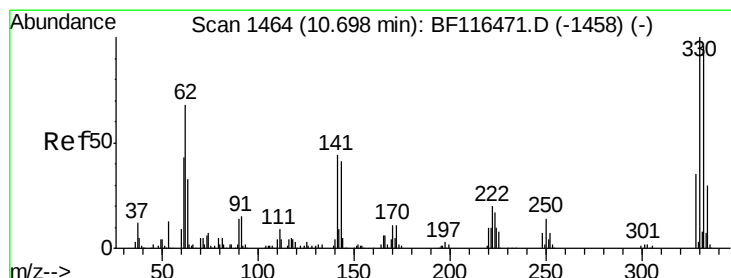
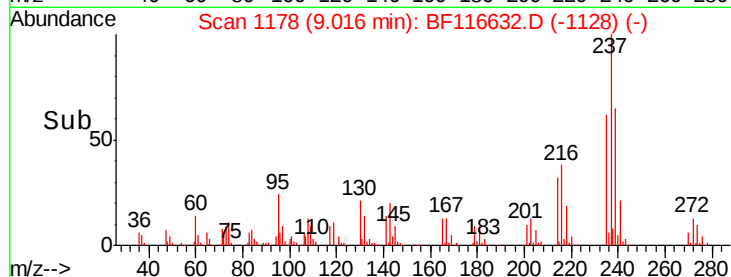
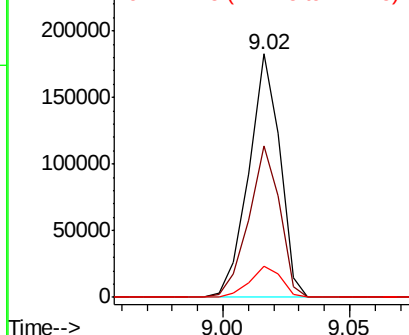
237 100

235 62.4 42.9 82.9

272 12.6 0.0 33.8



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: 164.940 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

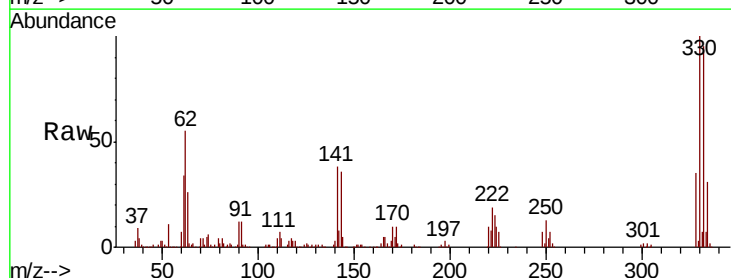
Tgt Ion:330 Resp: 263630

Ion Ratio Lower Upper

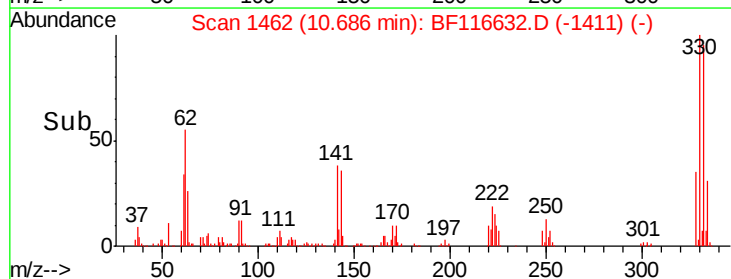
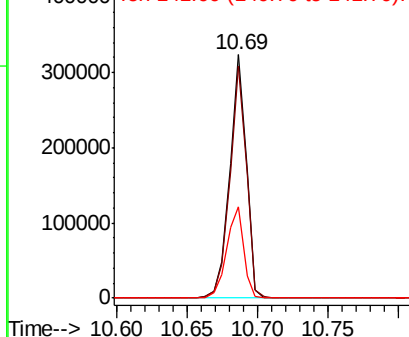
330 100

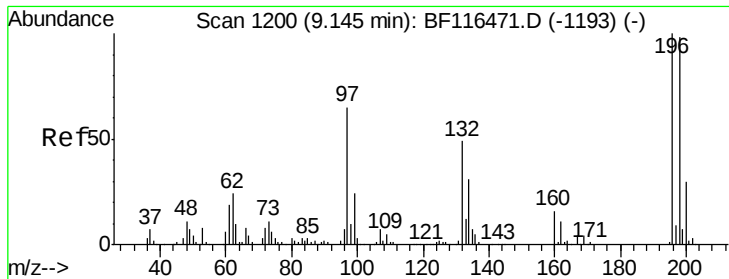
332 95.2 77.5 116.3

141 38.7 28.2 42.2



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

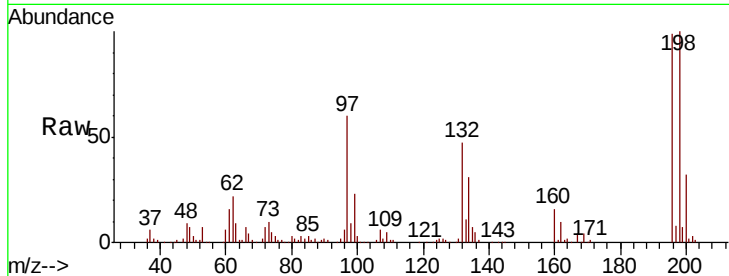




#43
 2,4,6-Trichlorophenol
 Concen: 46.381 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	150107
Ion Ratio	Lower	Upper	
196	100		
198	100.6	76.8	115.2
200	32.1	25.0	37.6

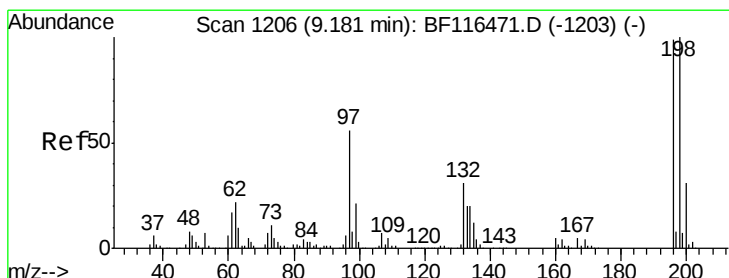
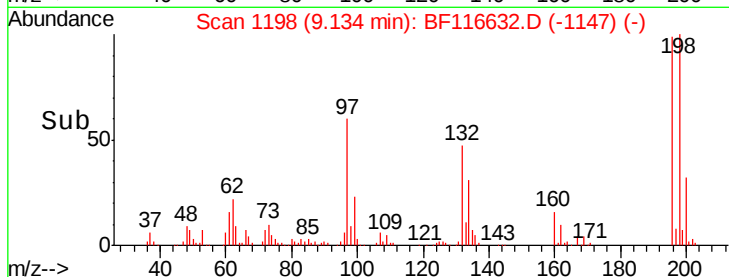
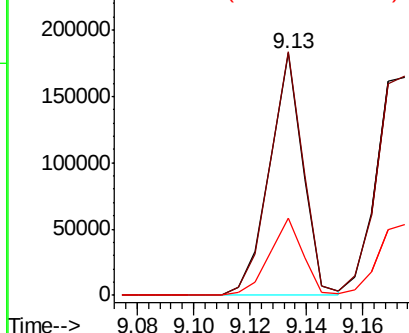


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 48.685 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion	196	Resp	158474
Ion Ratio	Lower	Upper	
196	100		
198	100.6	82.0	123.0
97	48.5	37.0	55.6
132	27.7	22.2	33.2

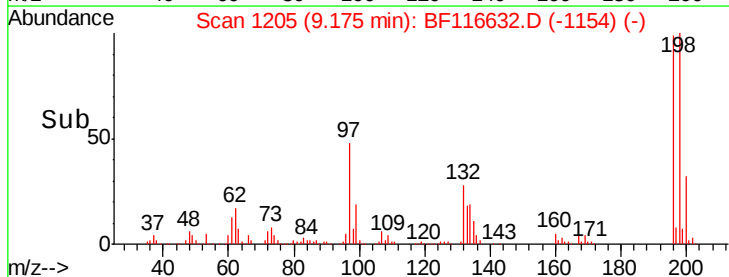
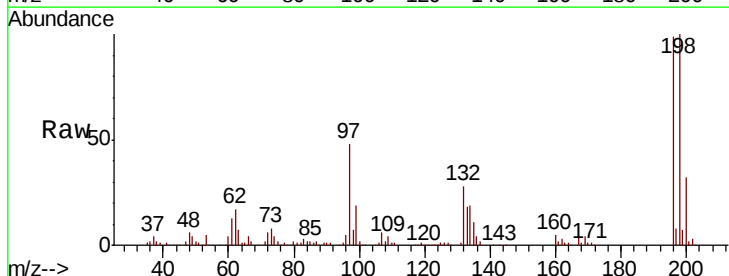
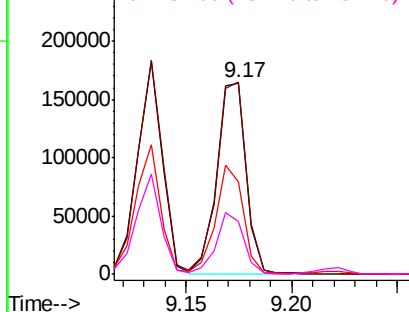
Abundance

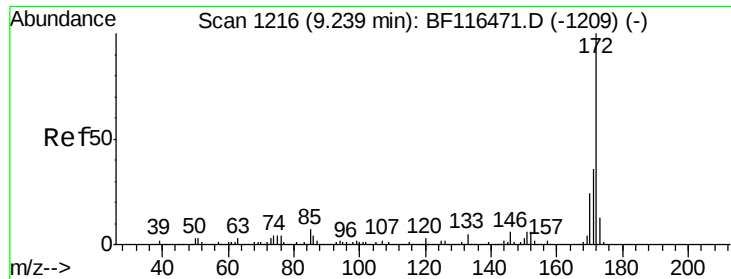
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

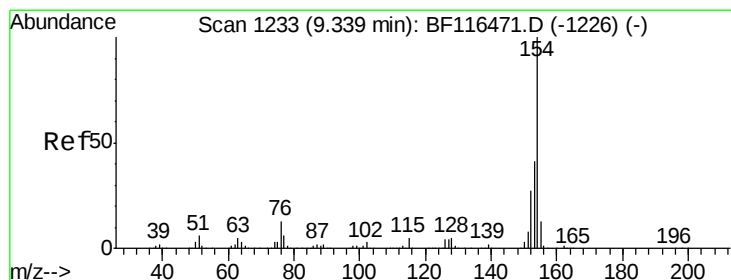
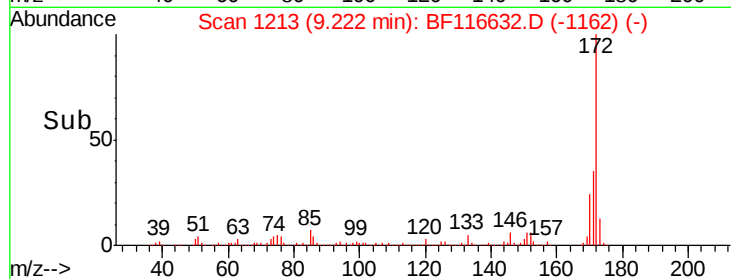
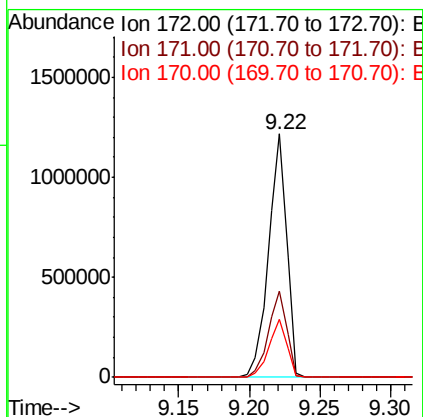
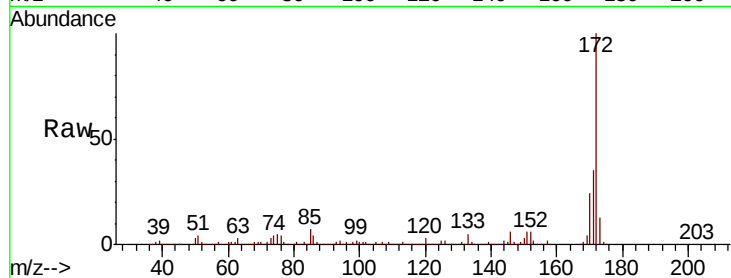




#45
2-Fluorobiphenyl
Concen: 109.654 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

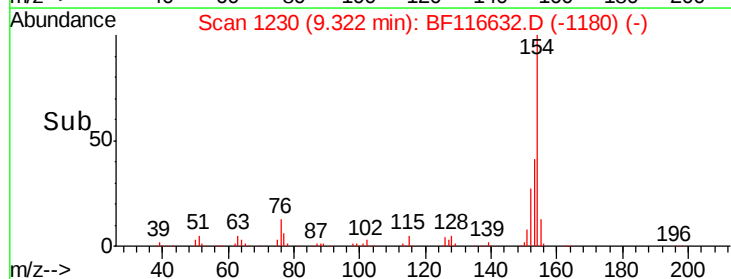
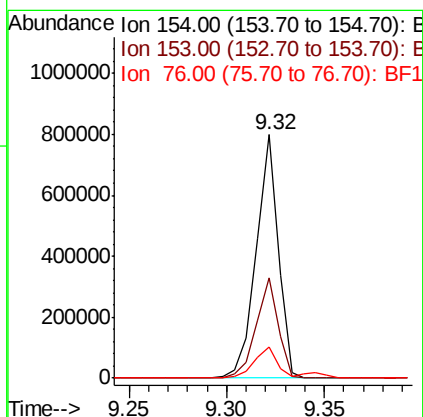
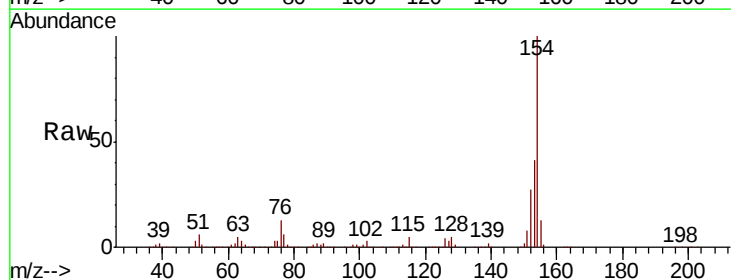
Instrument :
BNA_F
ClientSampleId :

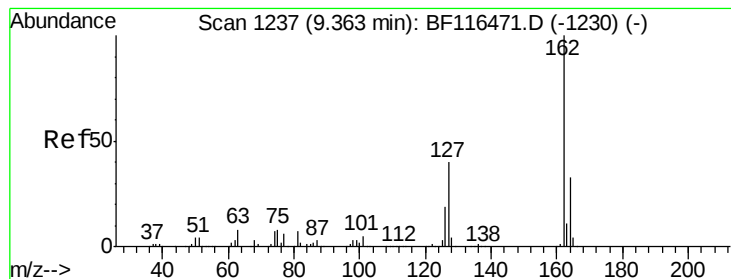
Tot Ion:172 Resp: 1106696
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.9 19.3 28.9



#46
1,1'-Biphenyl
Concen: 49.218 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:154 Resp: 627527
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 12.7 0.0 31.8





#47

2-Chloronaphthalene

Concen: 48.405 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

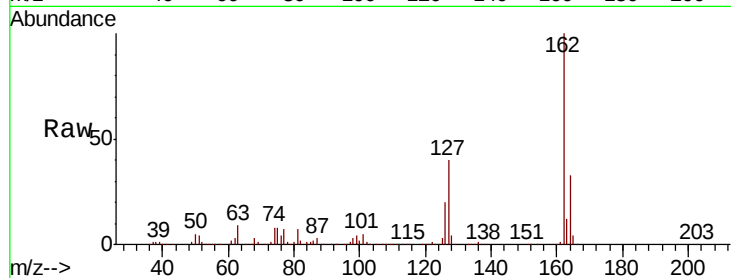
Tot Ion:162 Resp: 481122

Ion Ratio Lower Upper

162 100

127 40.5 31.1 46.7

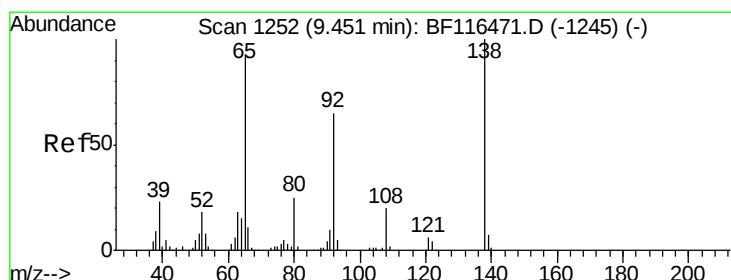
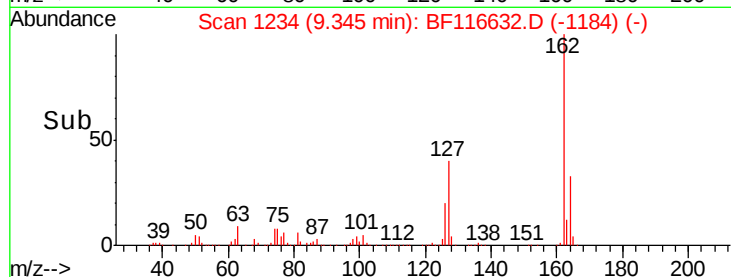
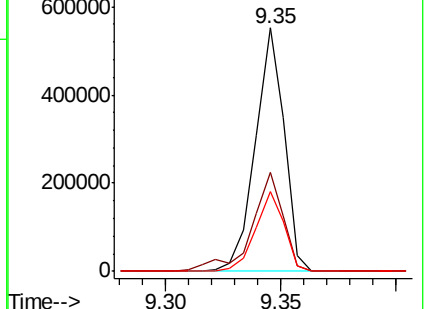
164 32.6 26.8 40.2



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: 46.358 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

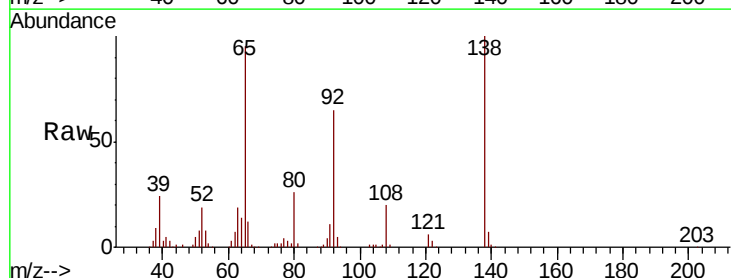
Tgt Ion: 65 Resp: 145730

Ion Ratio Lower Upper

65 100

92 69.1 58.2 87.2

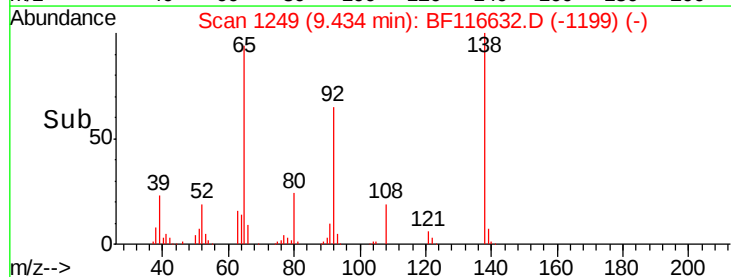
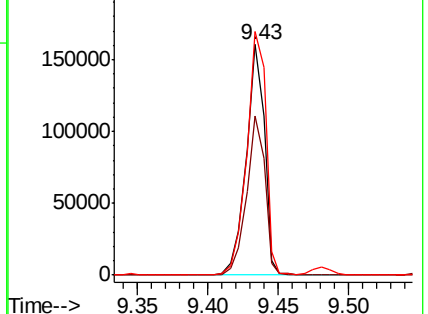
138 105.7 96.6 144.8

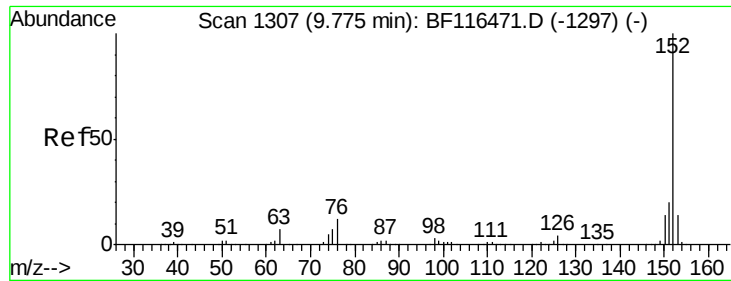


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.108 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampled :

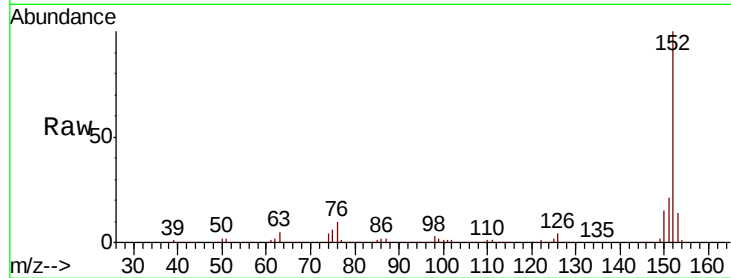
Tot Ion:152 Resp: 643936

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

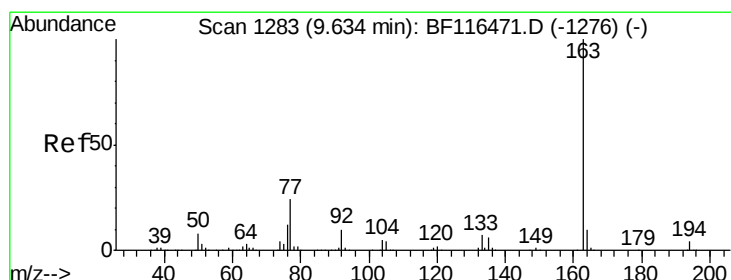
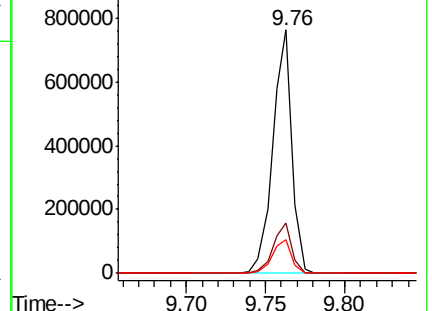
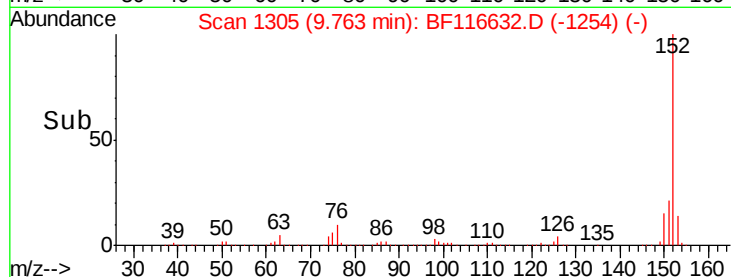
153 13.8 11.3 16.9



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: 53.271 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

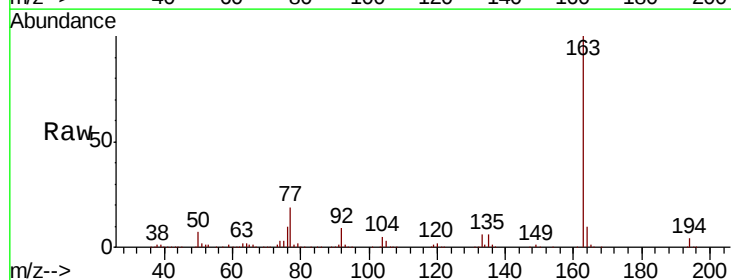
Tgt Ion:163 Resp: 601526

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

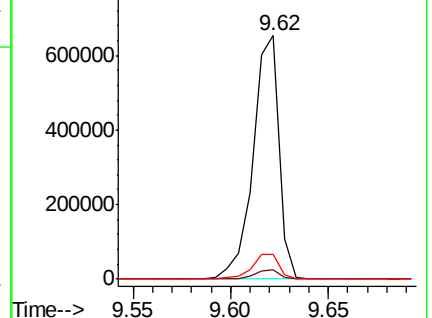
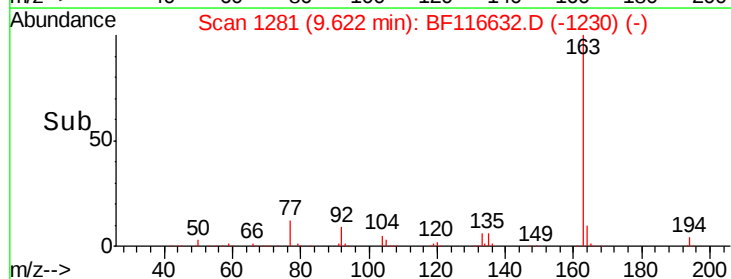
164 10.2 8.2 12.2

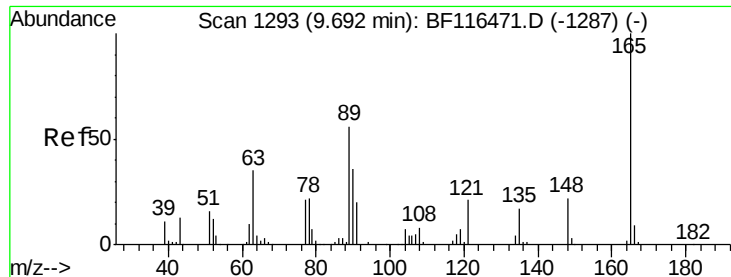


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.452 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampled :

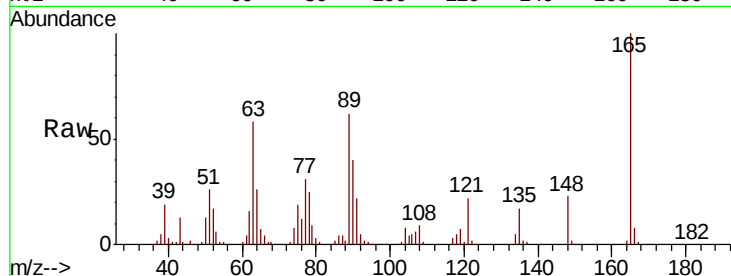
Tot Ion:165 Resp: 115664

Ion Ratio Lower Upper

165 100

63 58.2 37.2 55.8#

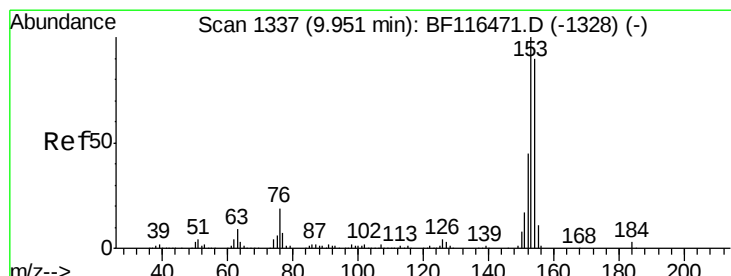
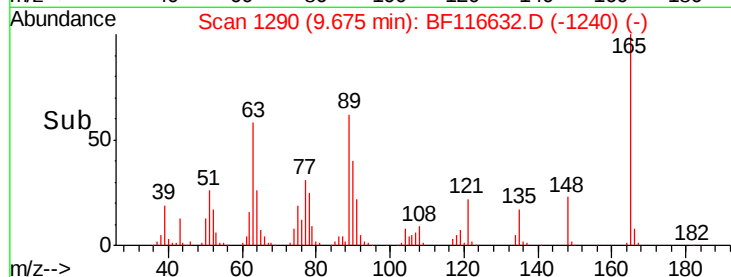
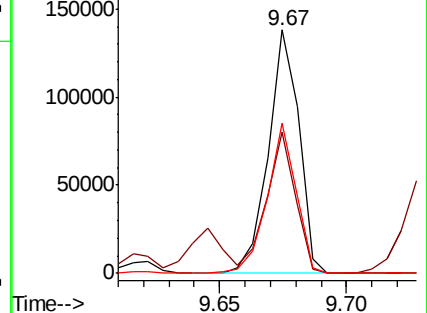
89 61.7 40.8 61.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 52.318 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

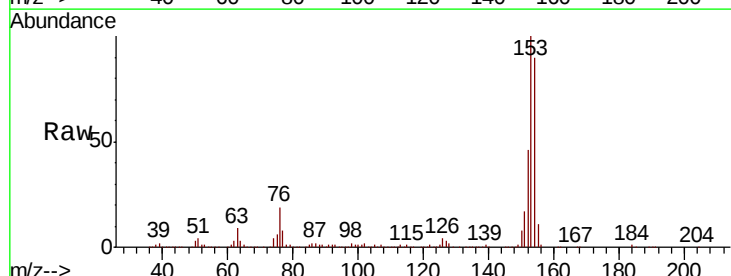
Tgt Ion:154 Resp: 517166

Ion Ratio Lower Upper

154 100

153 111.0 86.6 129.8

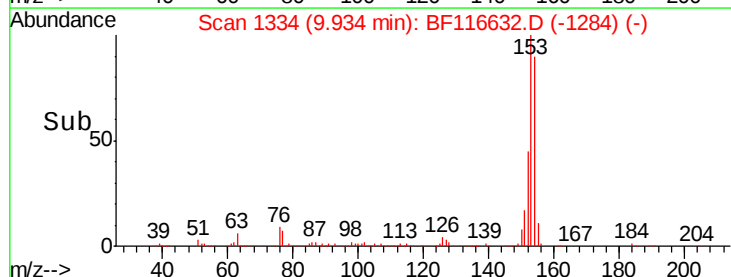
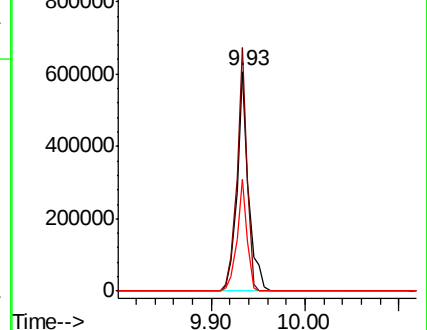
152 50.9 39.4 59.0

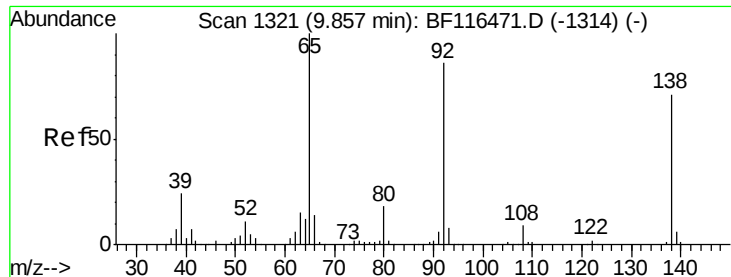


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

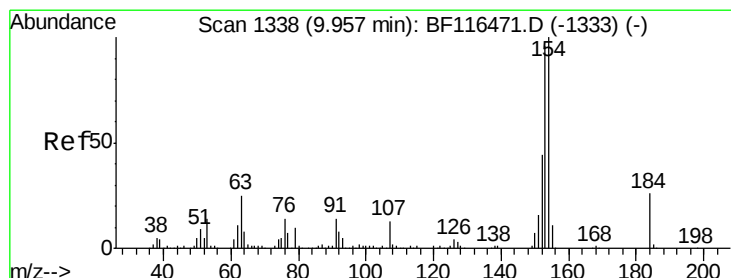
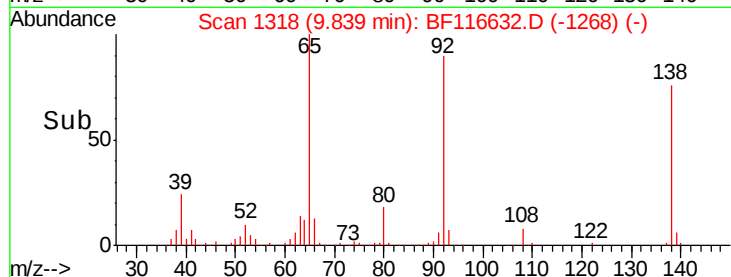
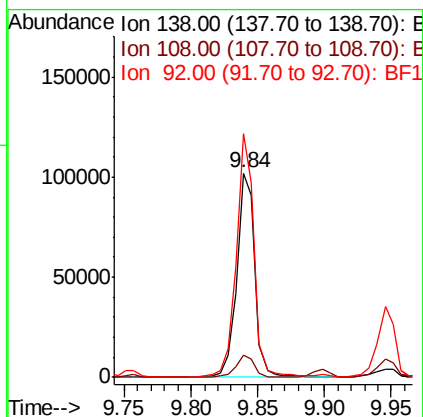
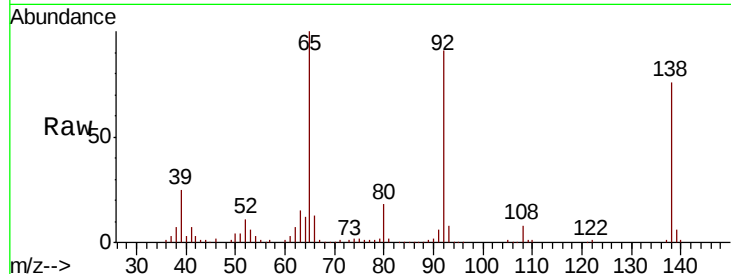




#53
3-Nitroaniline
Concen: 32.535 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

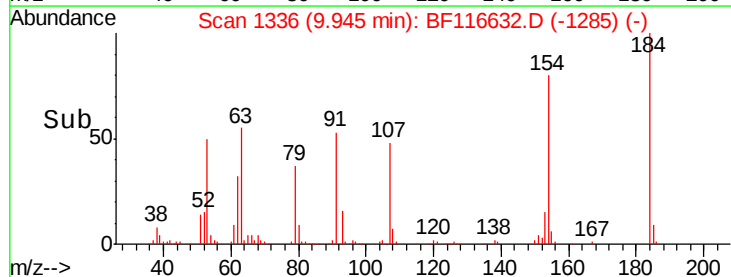
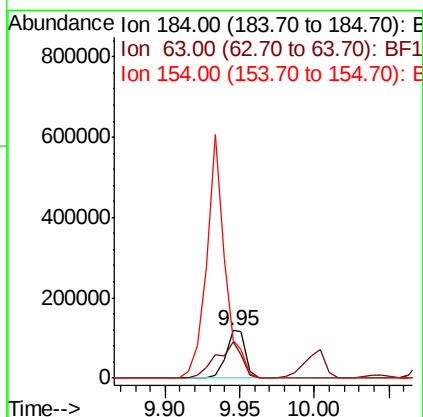
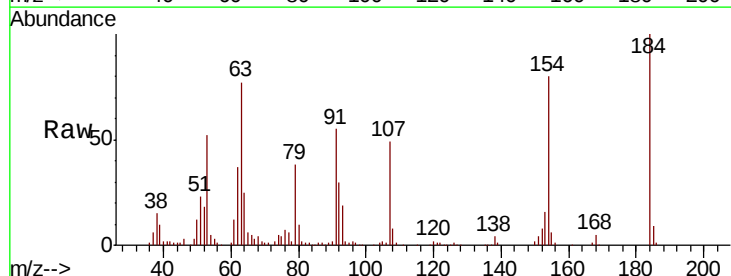
Instrument :
BNA_F
ClientSampleId :

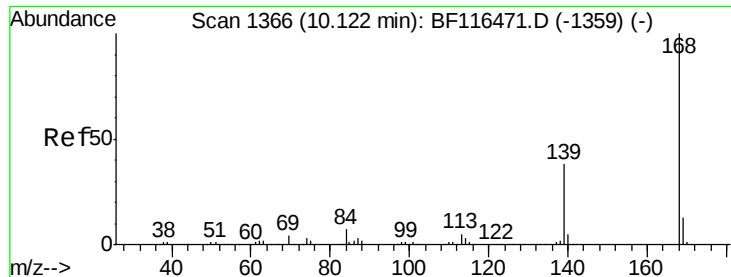
Tot Ion:138 Resp: 96731
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 119.4 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 89.680 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:184 Resp: 110648
Ion Ratio Lower Upper
184 100
63 76.8 62.7 94.1
154 80.1 150.0 225.0#





#55

Dibenzenofuran

Concen: 55.786 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

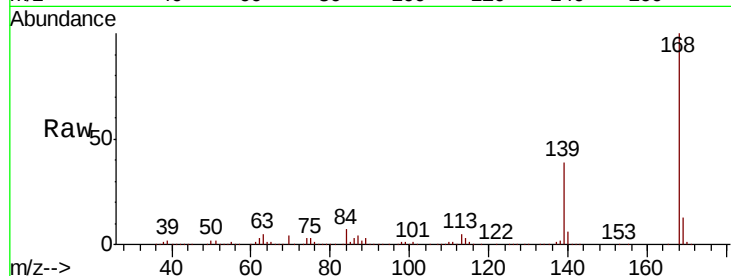
Tot Ion:168 Resp: 742599

Ion Ratio Lower Upper

168 100

139 39.0 31.3 46.9

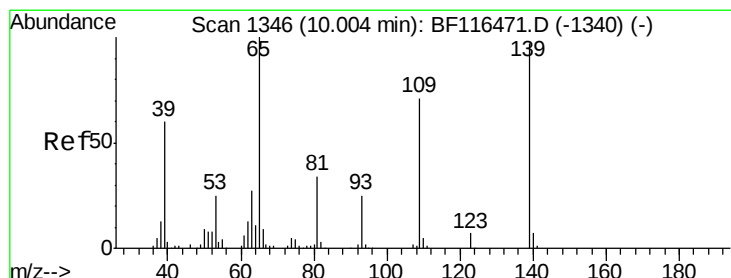
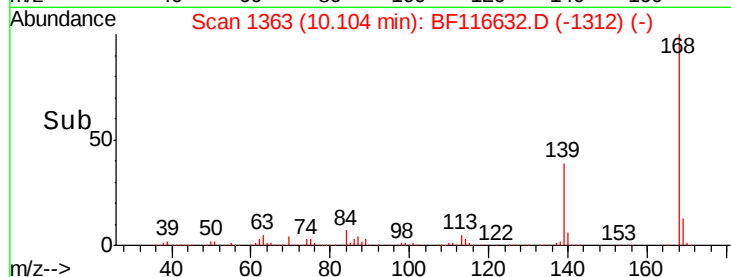
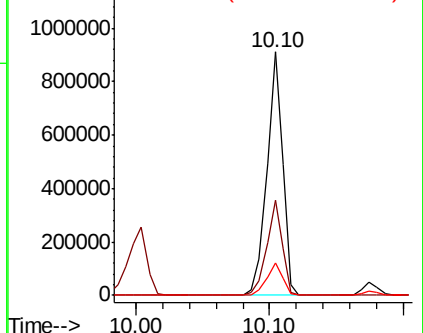
169 13.4 11.3 16.9



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: 109.985 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

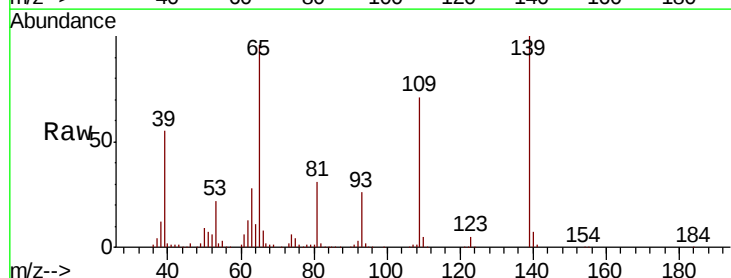
Tgt Ion:139 Resp: 248589

Ion Ratio Lower Upper

139 100

109 70.9 45.5 85.5

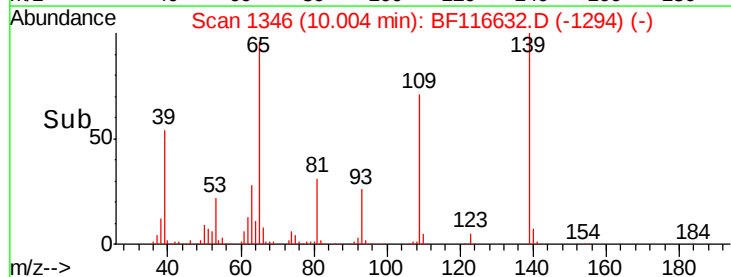
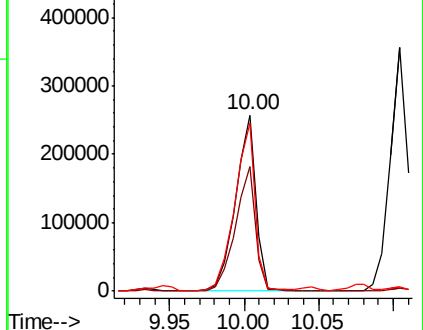
65 95.6 66.8 106.8

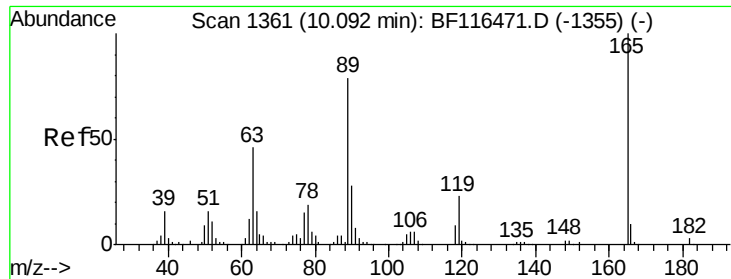


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

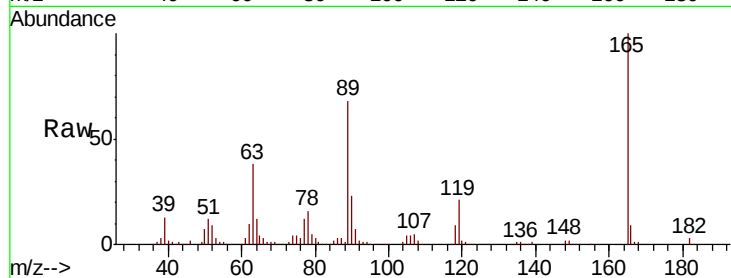




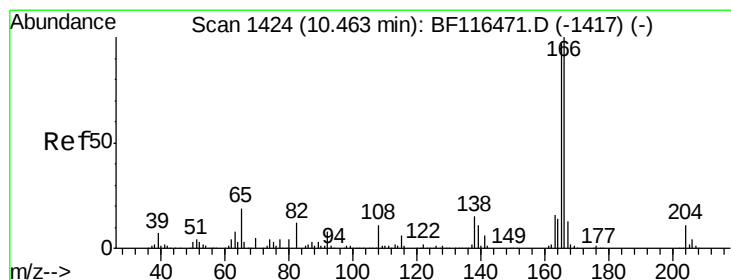
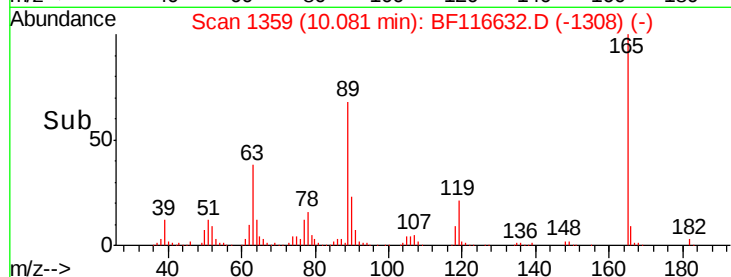
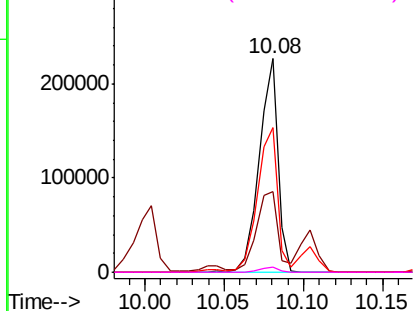
#57
2,4-Dinitrotoluene
Concen: 57.257 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	188121
Ion Ratio	Lower	Upper
165	100	
63	37.7	30.9 46.3
89	67.9	55.0 82.6
182	2.5	2.2 3.2

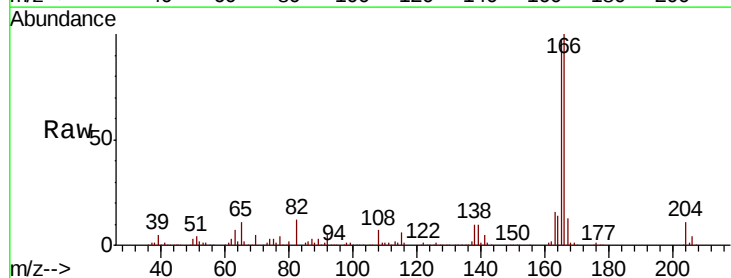


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

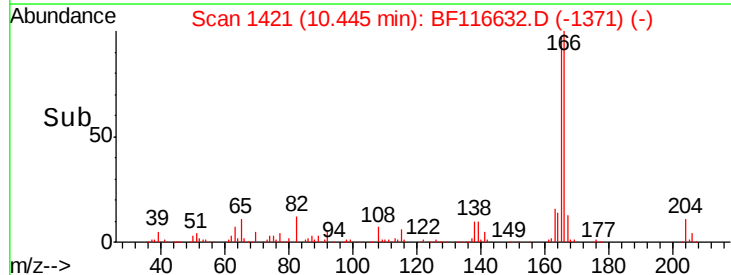
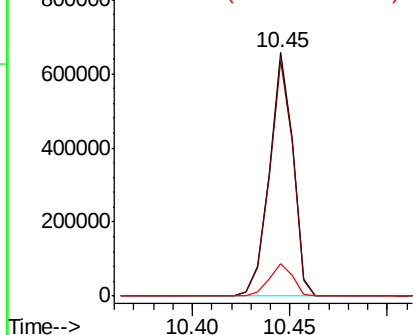


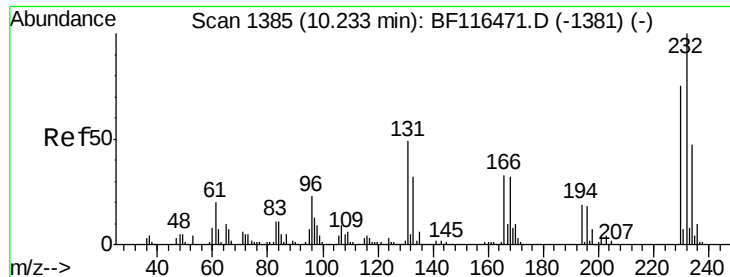
#58
Fluorene
Concen: 54.230 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:166	Resp:	547864
Ion Ratio	Lower	Upper
166	100	
165	97.0	77.8 116.6
167	13.3	10.6 16.0



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

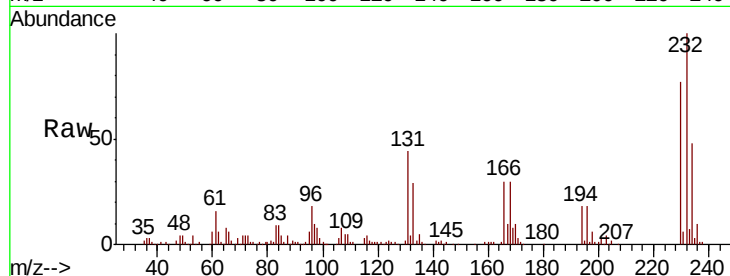




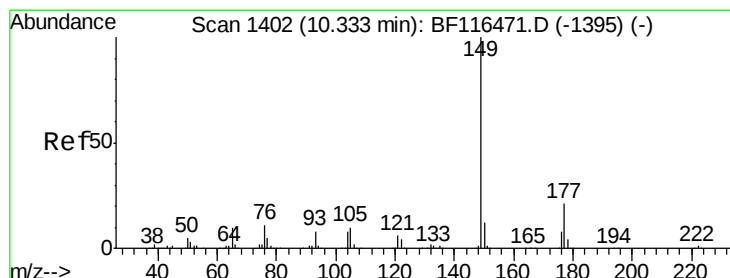
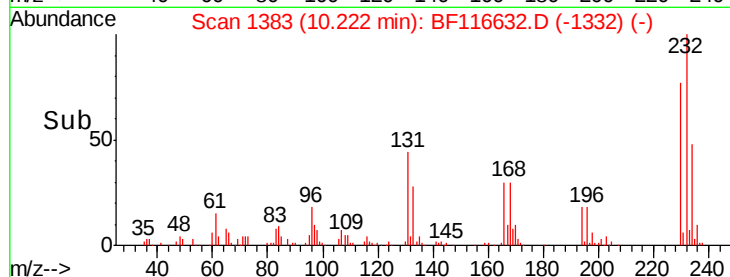
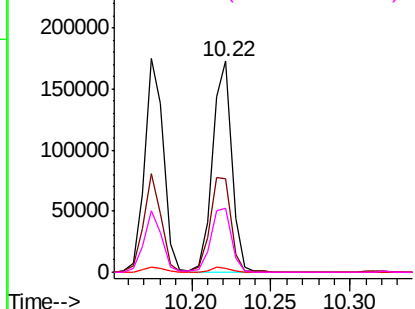
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.624 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	146358
Ion	Ratio	Lower	Upper
232	100		
131	49.4	37.7	56.5
130	2.5	1.8	2.6
166	32.6	25.5	38.3

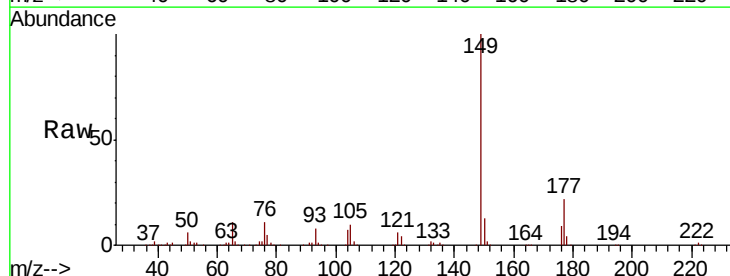


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

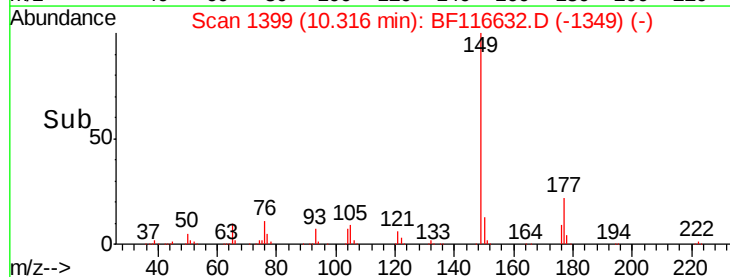
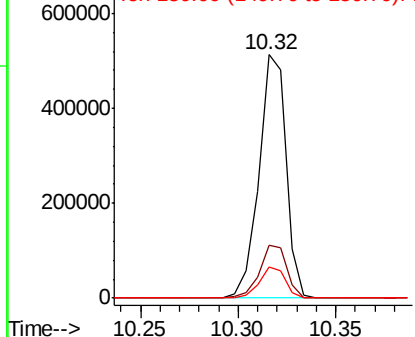


#60
 Diethylphthalate
 Concen: 44.919 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion:	149	Resp:	495101
Ion	Ratio	Lower	Upper
149	100		
177	21.5	18.2	27.4
150	12.8	10.1	15.1



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

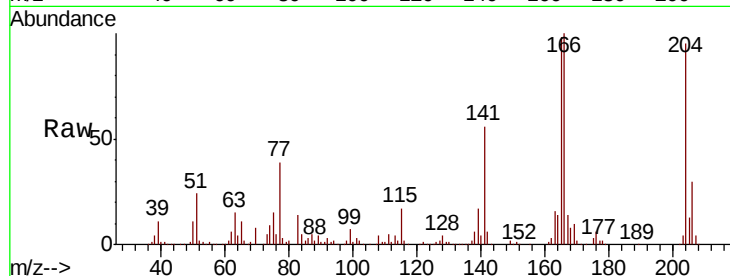




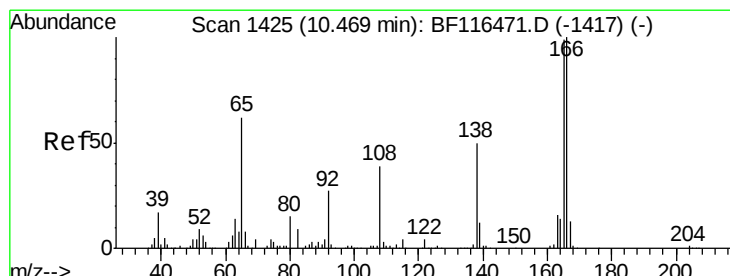
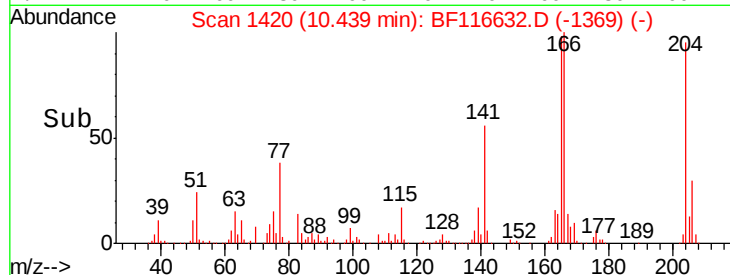
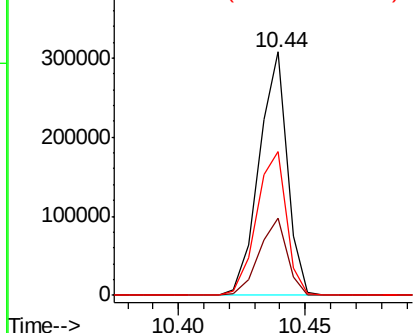
#61
 4-Chlorophenyl-phenylether
 Concen: 47.337 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 239744
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.0 39.0
 141 59.3 47.9 71.9

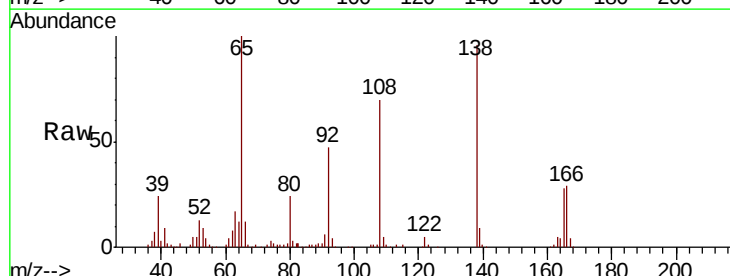


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

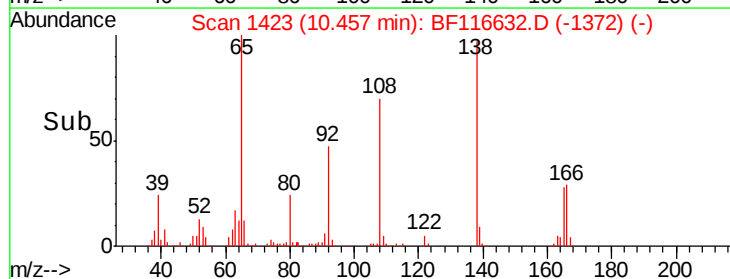
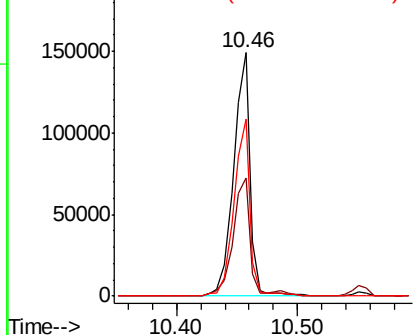


#62
 4-Nitroaniline
 Concen: 49.307 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion:138 Resp: 142630
 Ion Ratio Lower Upper
 138 100
 92 48.6 28.9 68.9
 108 72.8 49.3 89.3



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

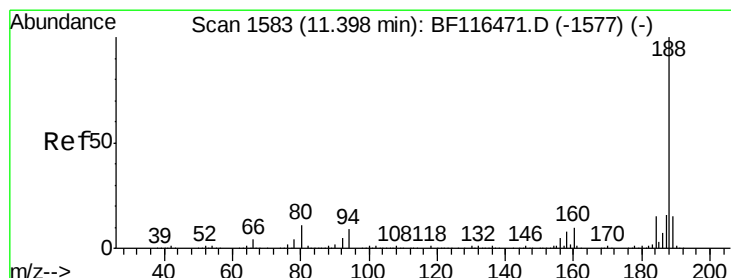
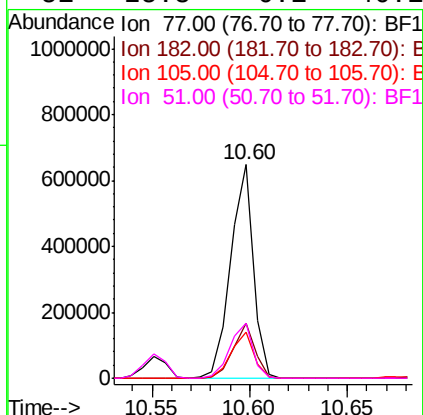
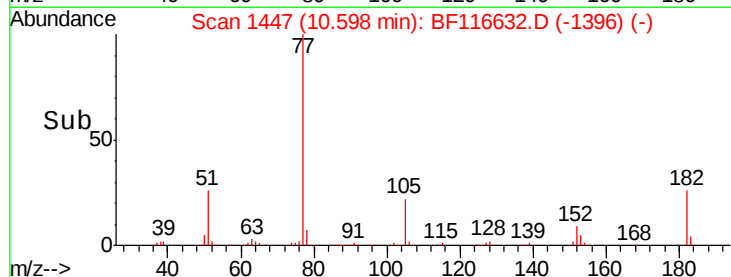
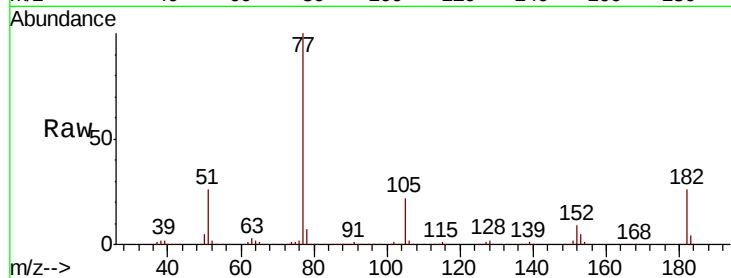




#63
Azobenzene
Concen: 46.904 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

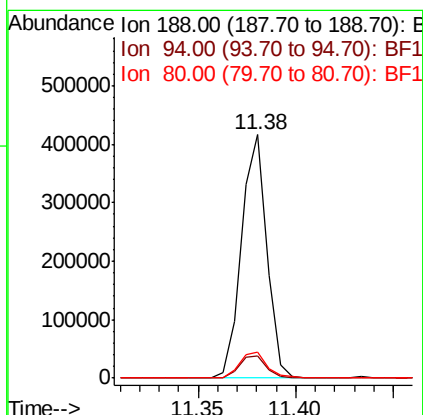
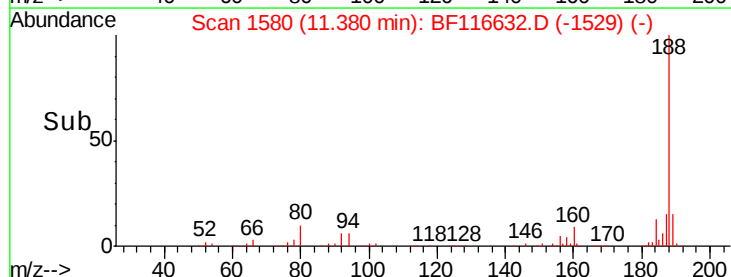
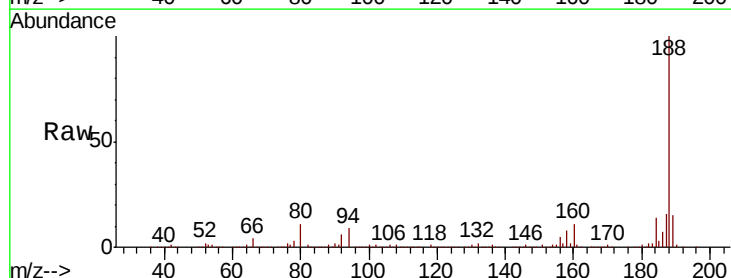
Instrument :
BNA_F
ClientSampleId :

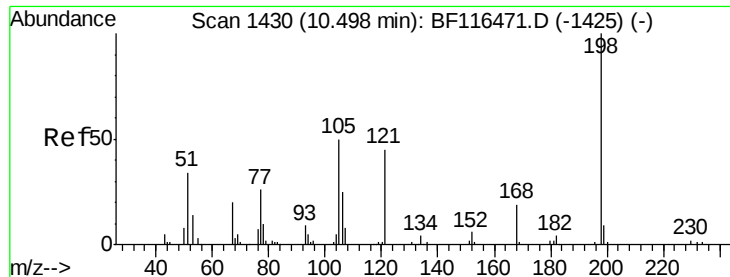
Tot Ion:	77	Resp:	521879
Ion	Ratio	Lower	Upper
77	100		
182	26.0	3.8	43.8
105	21.7	1.6	41.6
51	25.8	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:	188	Resp:	373148
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.4
80	10.5	8.9	13.3

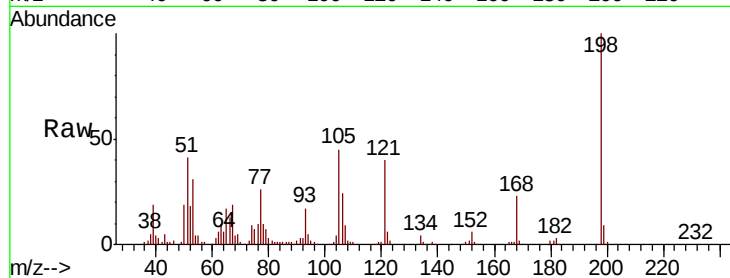




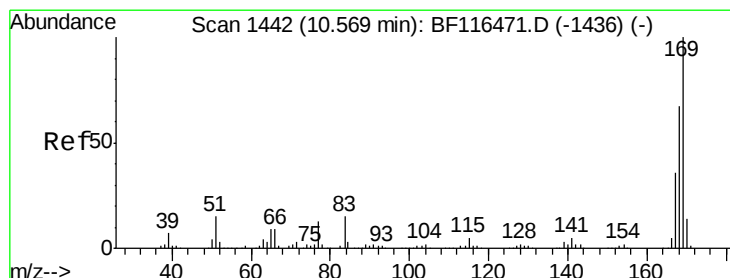
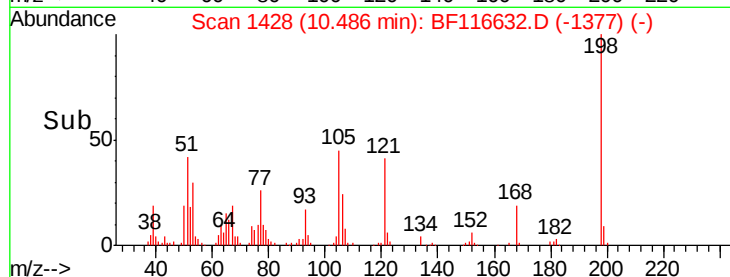
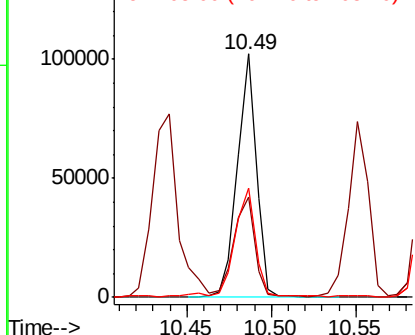
#65
4,6-Dinitro-2-methylphenol
Concen: 40.569 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampled :

Tot Ion	198	Resp	80757
Ion Ratio	100	Lower	Upper
51	41.1	21.9	61.9
105	45.1	25.2	65.2

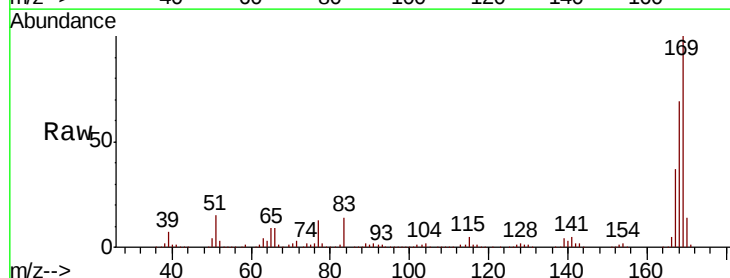


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

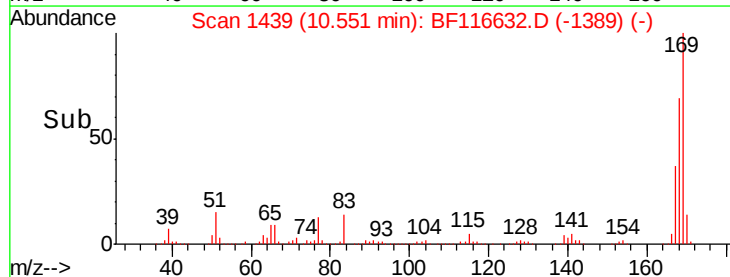
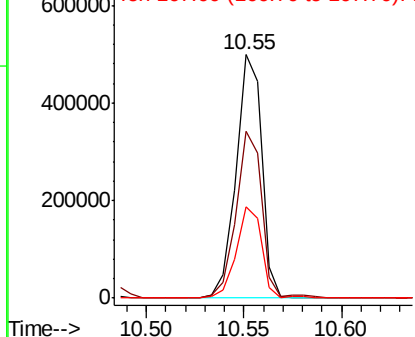


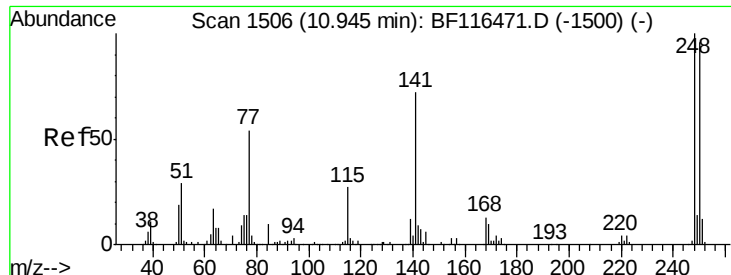
#66
n-Nitrosodiphenylamine
Concen: 38.587 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion	169	Resp	455789
Ion Ratio	100	Lower	Upper
168	68.5	53.8	80.8
167	37.4	29.3	43.9



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

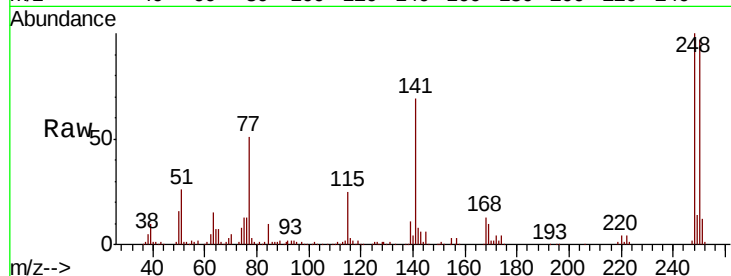




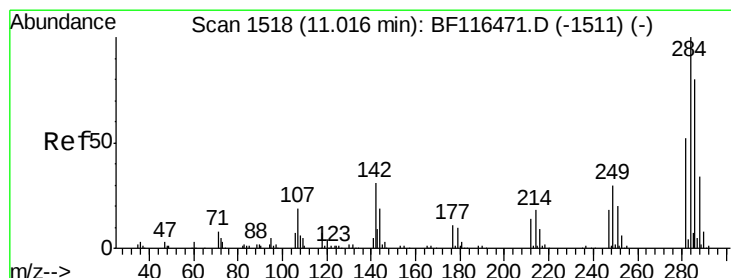
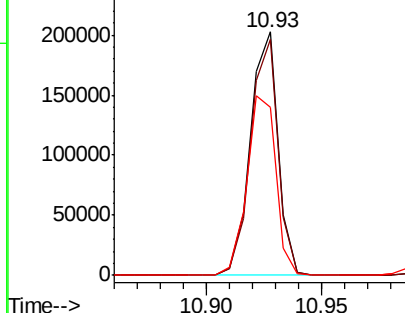
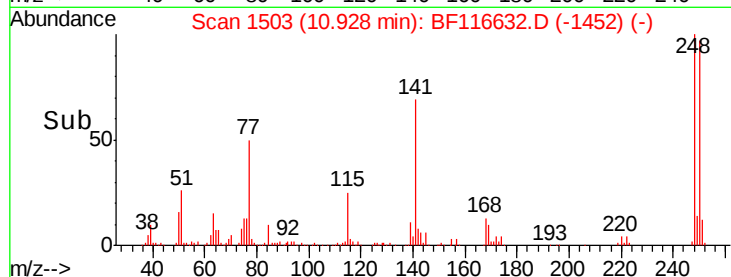
#67
4-Bromophenyl-phenylether
Concen: 43.115 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 170650
Ion Ratio Lower Upper
248 100
250 96.7 76.6 115.0
141 68.9 60.8 91.2

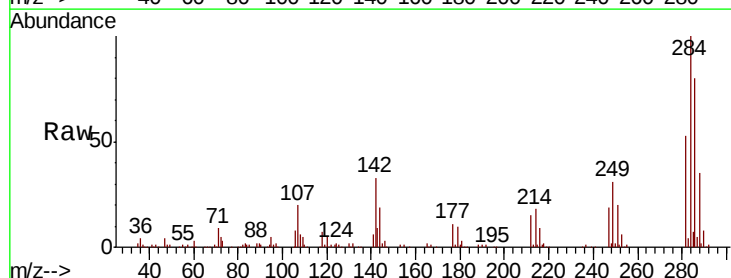


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

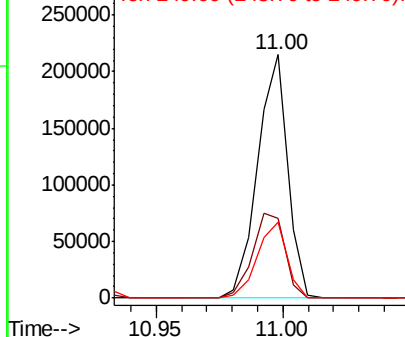
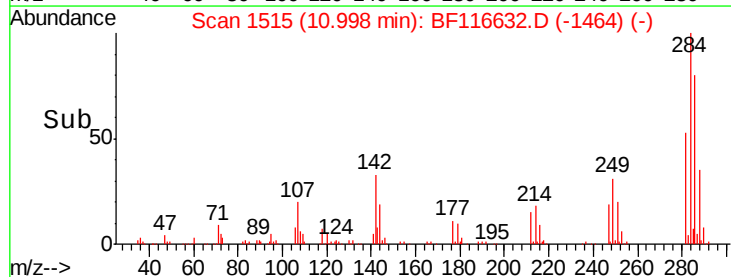


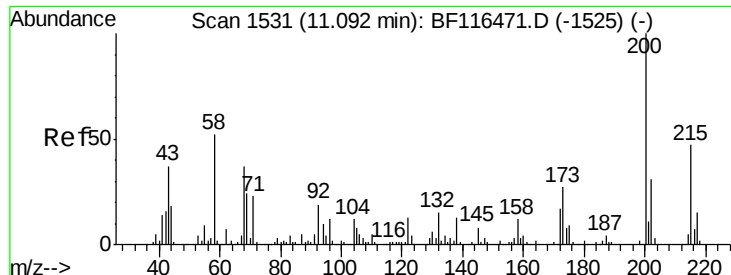
#68
Hexachlorobenzene
Concen: 40.509 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:284 Resp: 178506
Ion Ratio Lower Upper
284 100
142 32.5 27.8 41.8
249 31.2 24.2 36.4



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

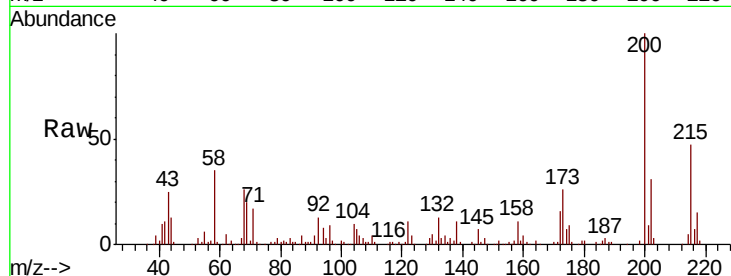




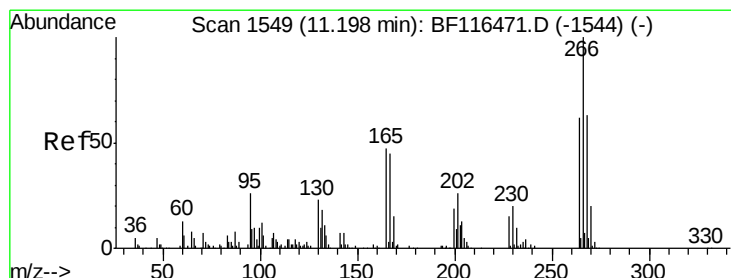
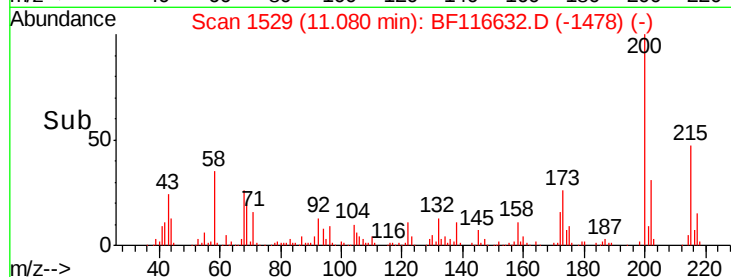
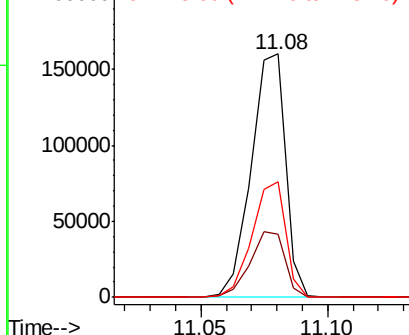
#69
Atrazine
Concen: 43.424 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 151878
Ion Ratio Lower Upper
200 100
173 25.8 6.8 46.8
215 47.4 28.5 68.5

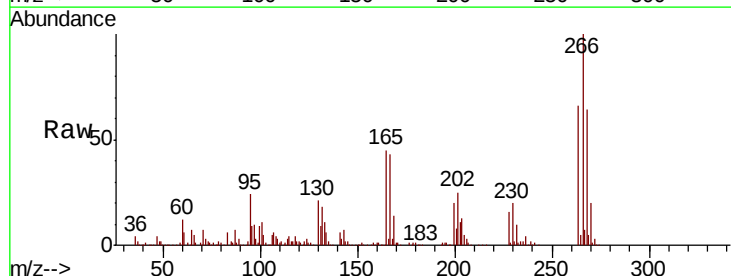


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

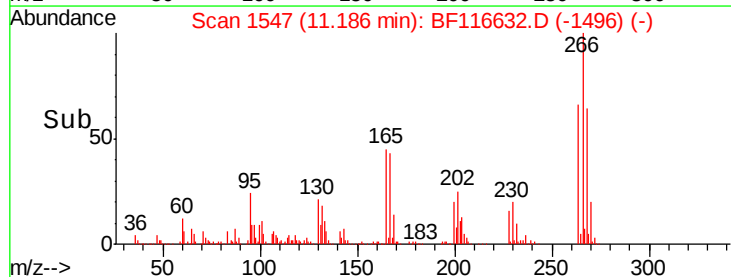
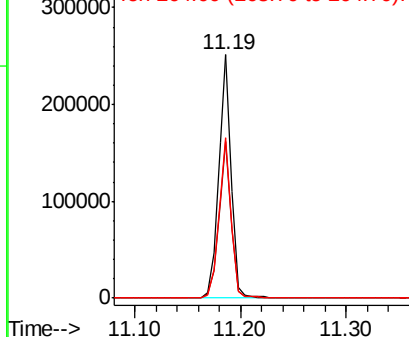


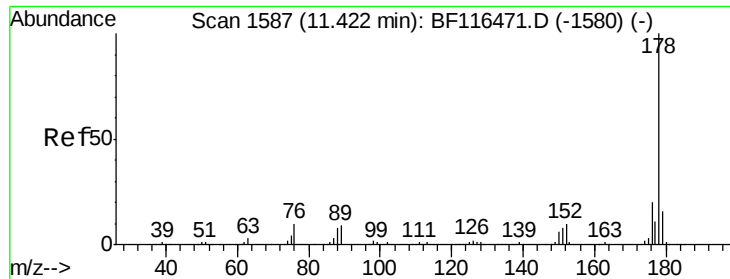
#70
Pentachlorophenol
Concen: 78.349 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:266 Resp: 212134
Ion Ratio Lower Upper
266 100
268 64.2 49.8 74.8
264 65.9 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

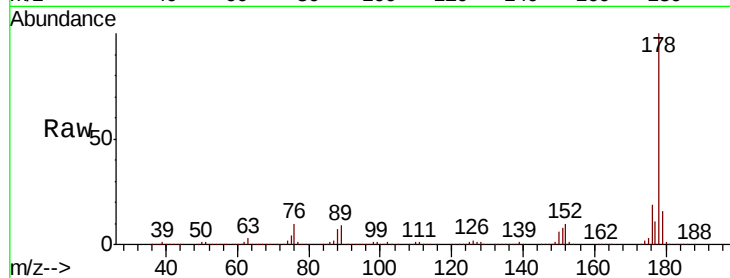




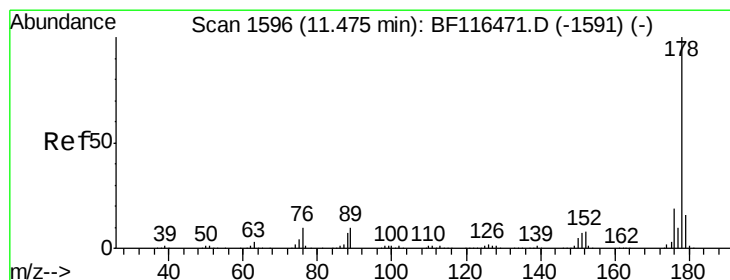
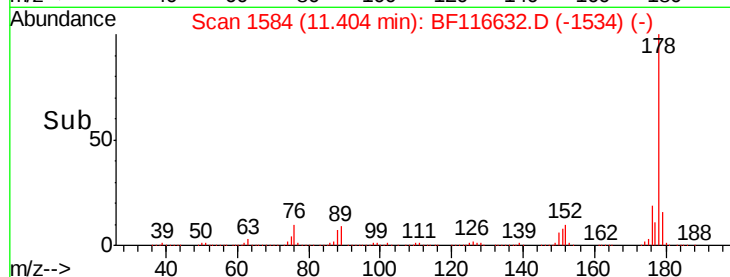
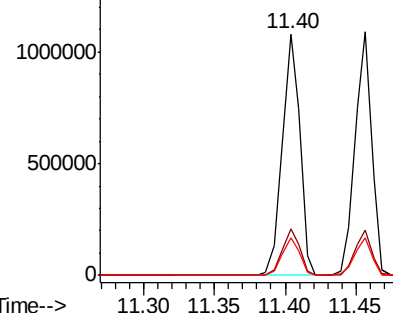
#71
Phenanthrene
Concen: 46.668 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 935355
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.4 18.6

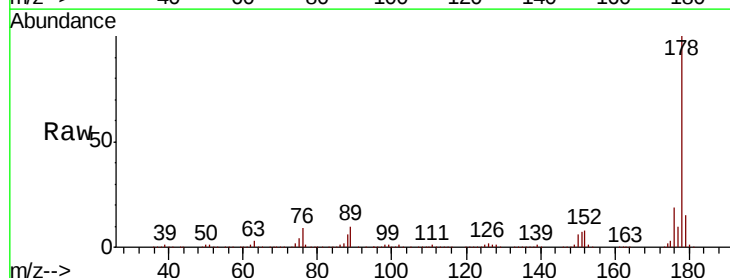


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

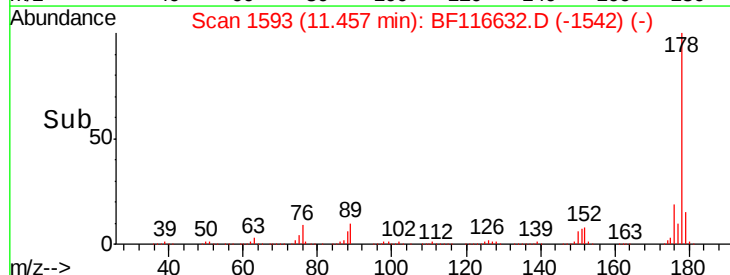
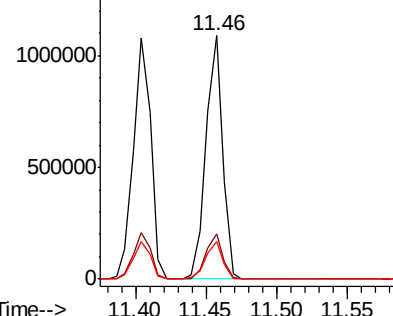


#72
Anthracene
Concen: 44.785 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:178 Resp: 897506
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

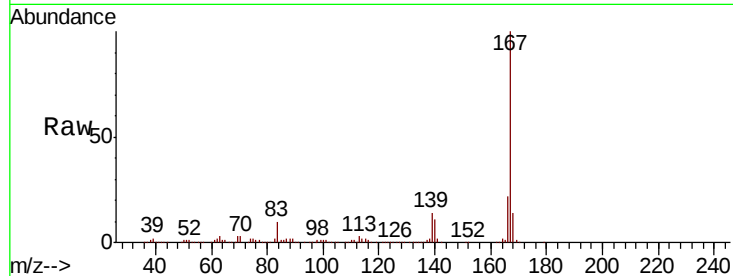




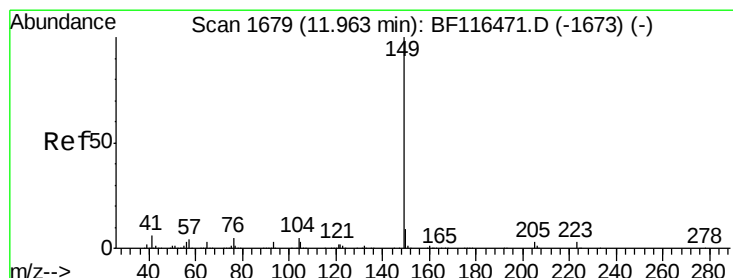
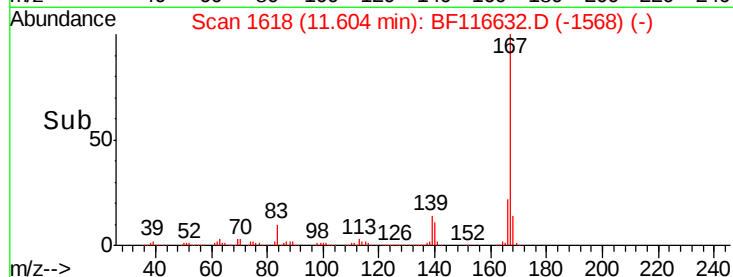
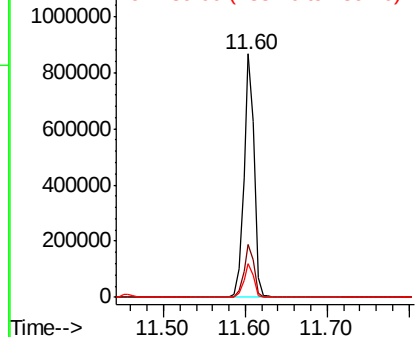
#73
 Carbazole
 Concen: 44.072 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 751709
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 13.6 10.3 15.5

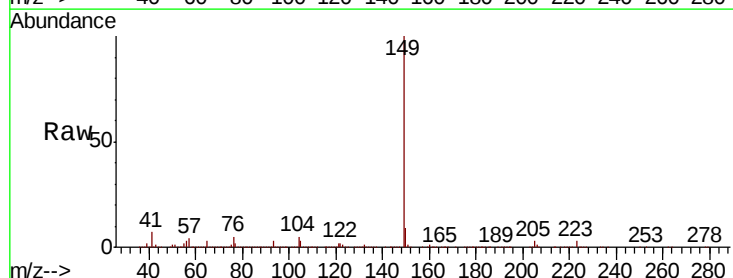


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

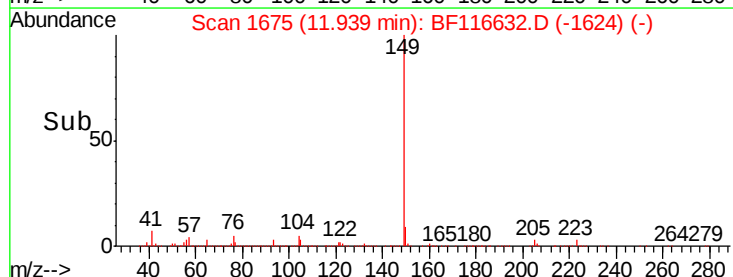
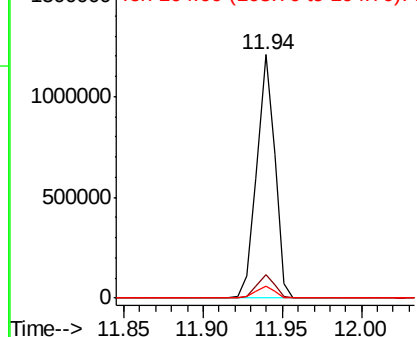


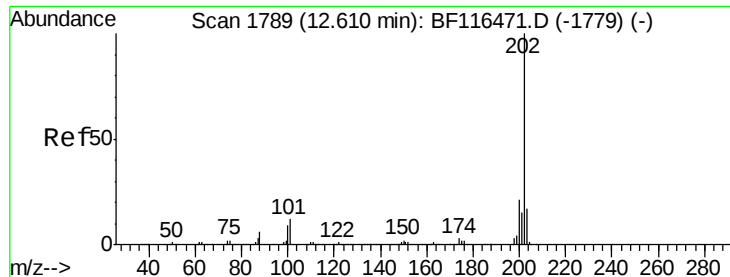
#74
 Di-n-butylphthalate
 Concen: 48.396 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion:149 Resp: 956591
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.1 4.2 6.4



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: 49.858 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

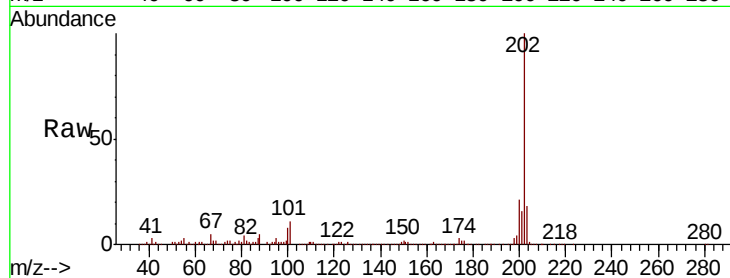
Tot Ion:202 Resp: 896202

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.8

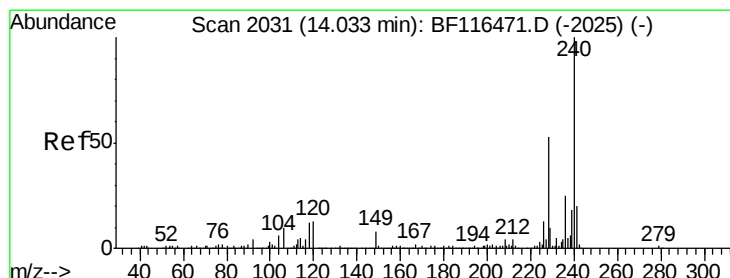
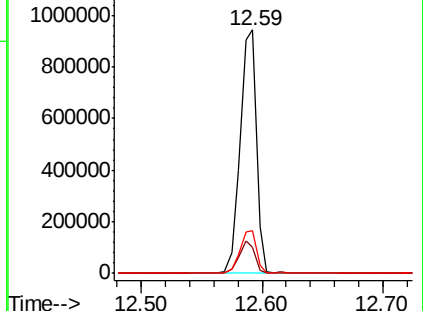
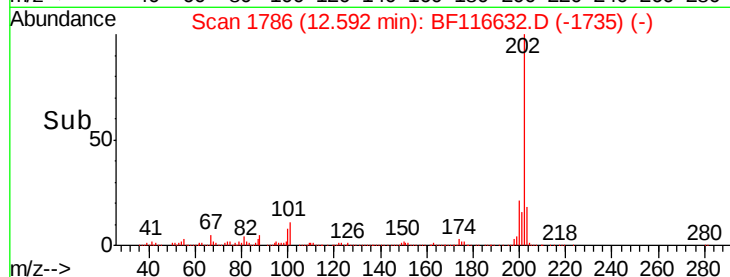
203 17.5 0.0 37.1



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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

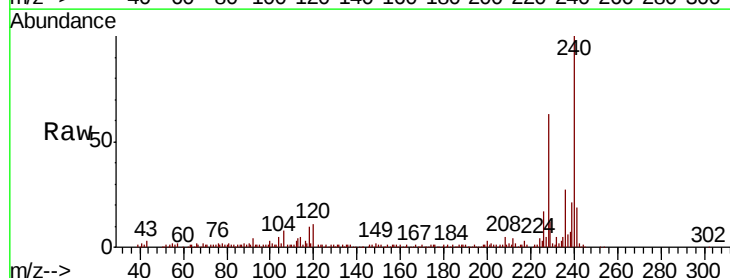
Tgt Ion:240 Resp: 97084

Ion Ratio Lower Upper

240 100

120 11.2 11.3 16.9#

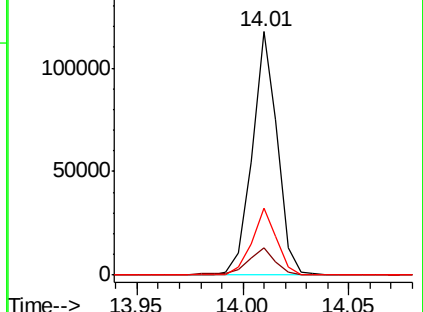
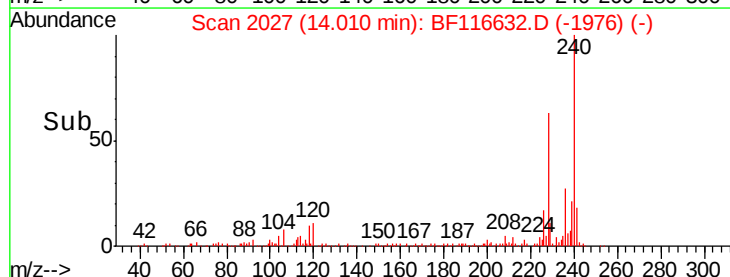
236 27.3 21.4 32.2

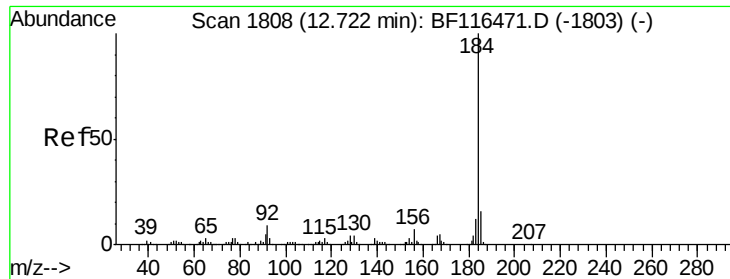


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.474 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

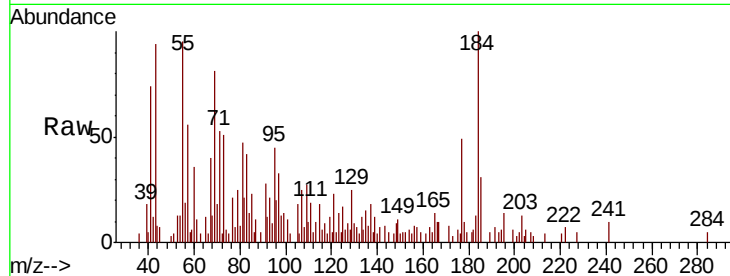
Tot Ion:184 Resp: 12200

Ion Ratio Lower Upper

184 100

185 30.6 11.5 17.3#

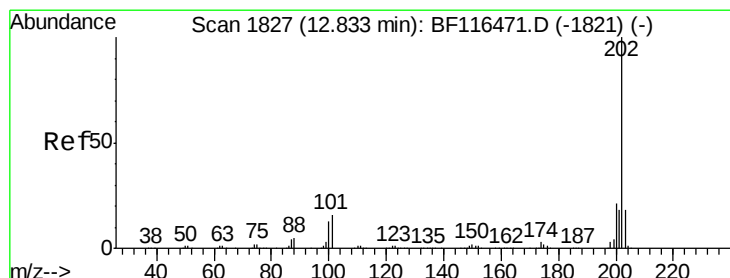
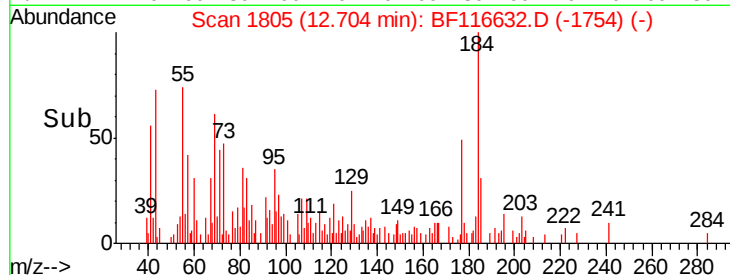
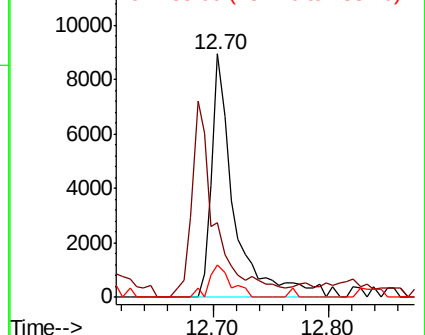
183 13.1 9.3 13.9



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: 96.716 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

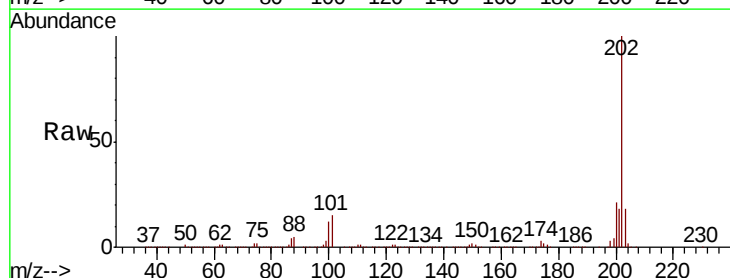
Tgt Ion:202 Resp: 863405

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.0

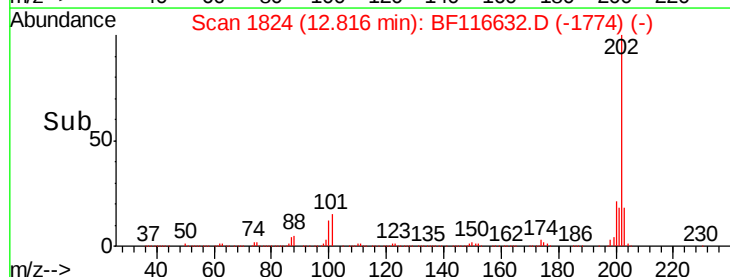
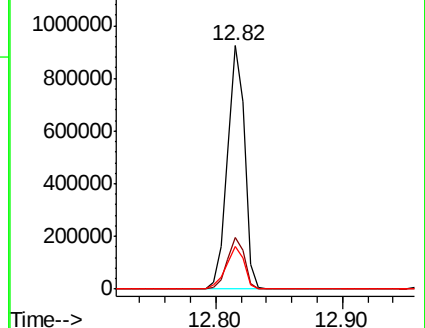
203 17.7 14.2 21.4

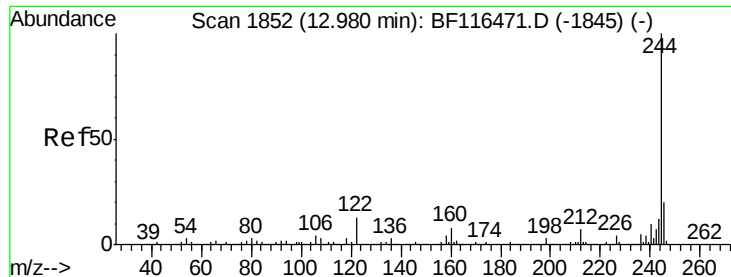


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



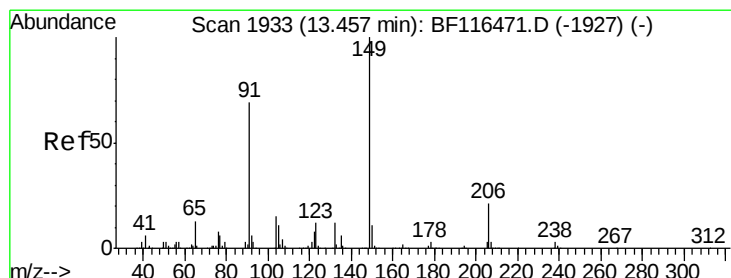
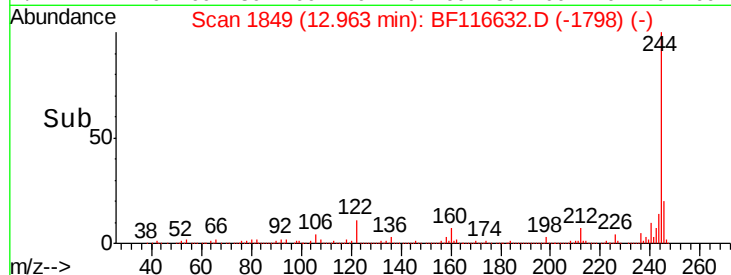
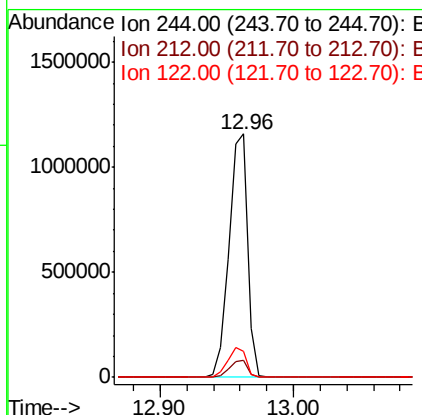
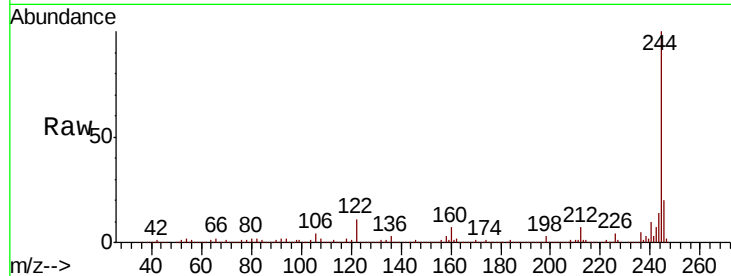


#79
 Terphenyl-d14
 Concen: 191.409 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1142609

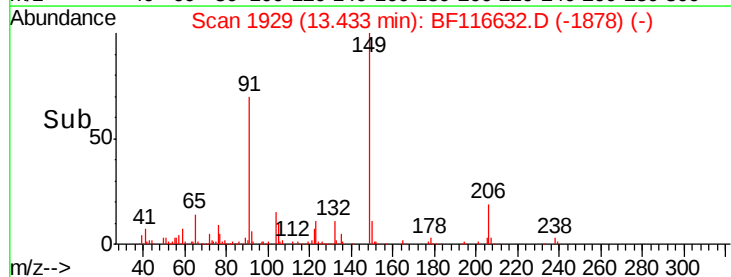
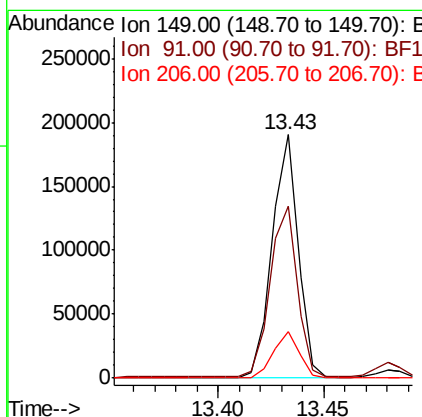
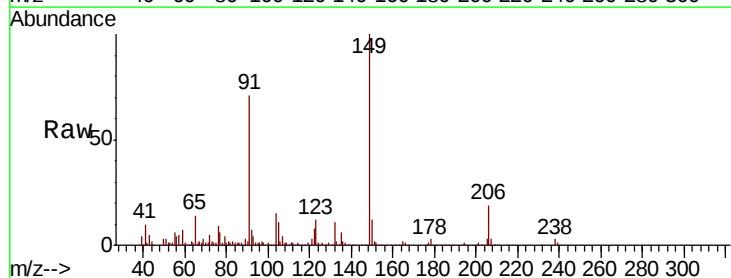
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.7	10.0	15.0

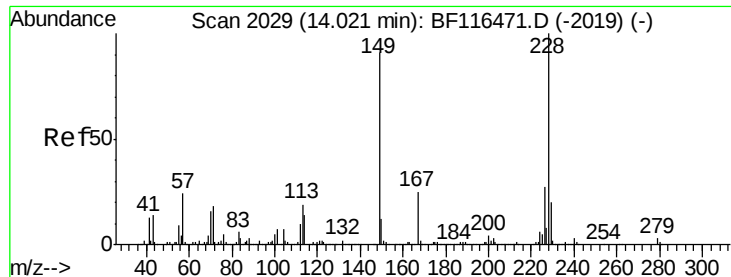


#80
 Butylbenzylphthalate
 Concen: 47.031 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BF116632.D
 Acq: 28 Aug 2019 23:13

Tgt Ion:149 Resp: 162672

Ion	Ratio	Lower	Upper
149	100		
91	70.5	57.9	86.9
206	19.2	16.2	24.4





#81

Benzo(a)anthracene

Concen: 46.188 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

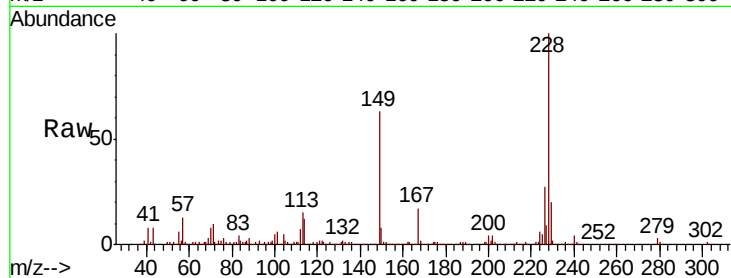
Tot Ion:228 Resp: 298956

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

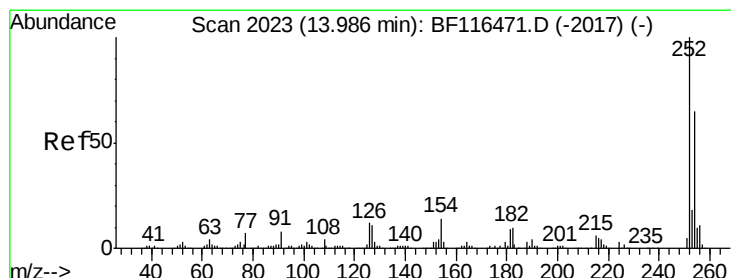
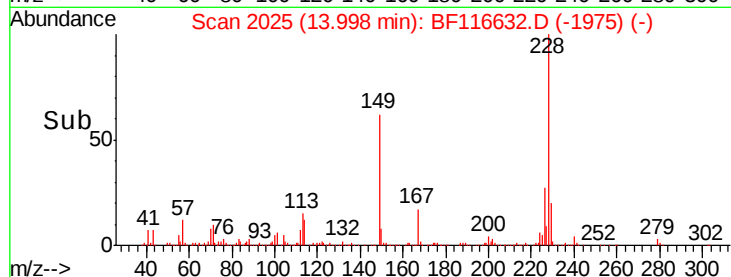
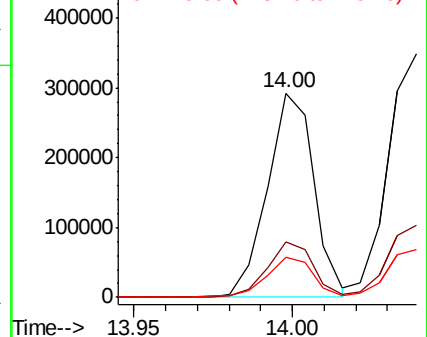
229 19.7 15.4 23.0



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



#82

3,3'-Dichlorobenzidine

Concen: 24.550 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

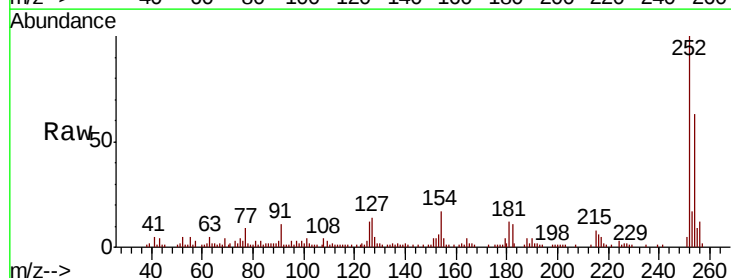
Tgt Ion:252 Resp: 51708

Ion Ratio Lower Upper

252 100

254 62.9 51.9 77.9

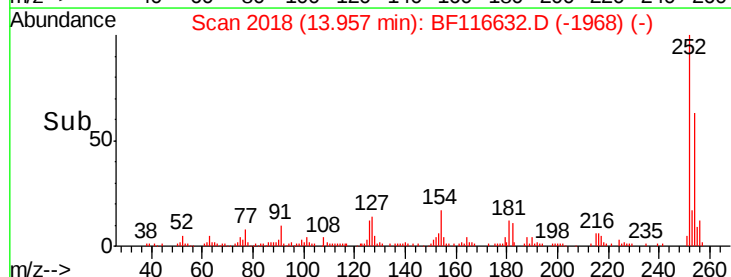
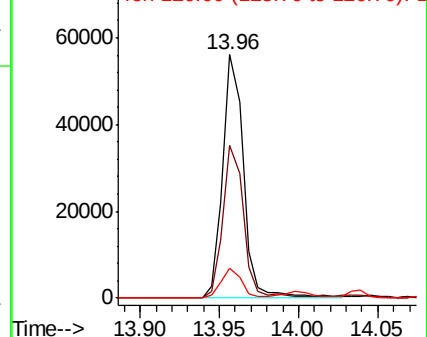
126 12.0 8.7 13.1

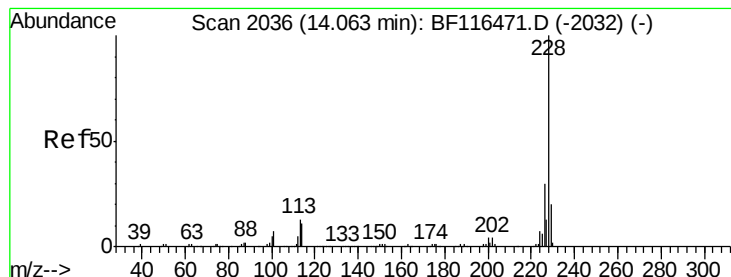


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.203 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

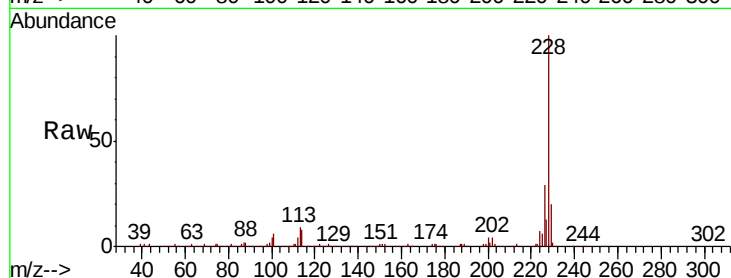
Tot Ion:228 Resp: 305438

Ion Ratio Lower Upper

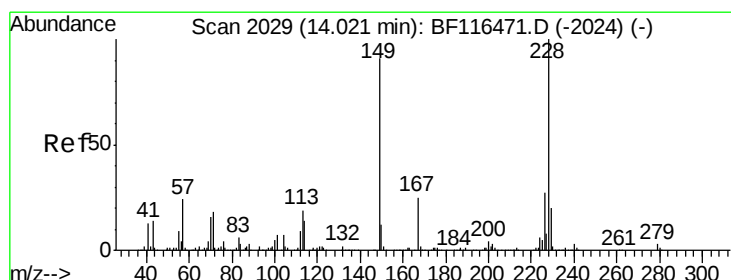
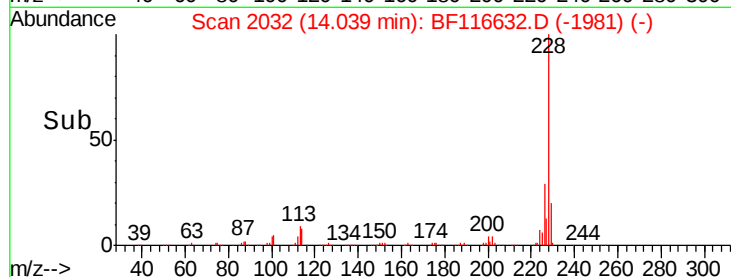
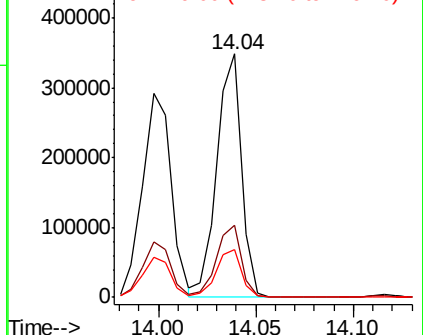
228 100

226 29.4 24.0 36.0

229 19.9 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.286 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

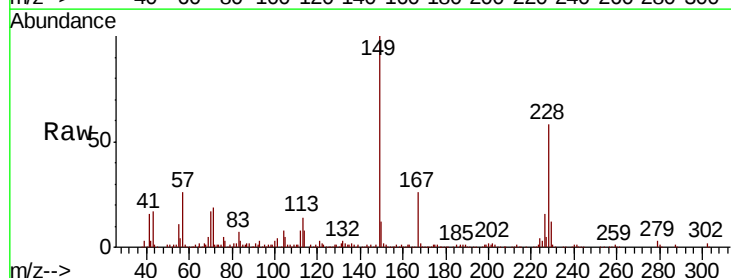
Tgt Ion:149 Resp: 220193

Ion Ratio Lower Upper

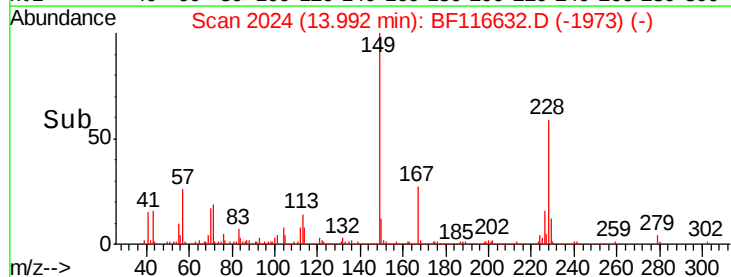
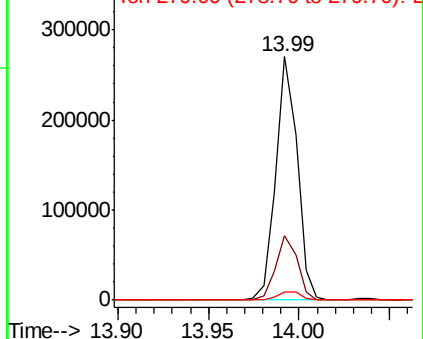
149 100

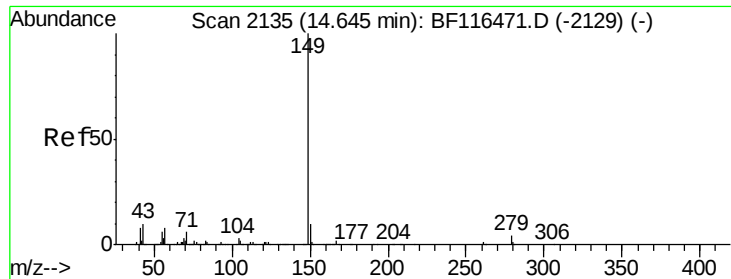
167 26.3 21.2 31.8

279 3.5 2.7 4.1



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: 56.829 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

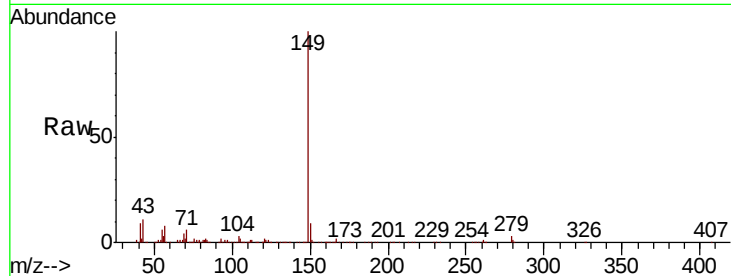
Tot Ion:149 Resp: 336212

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

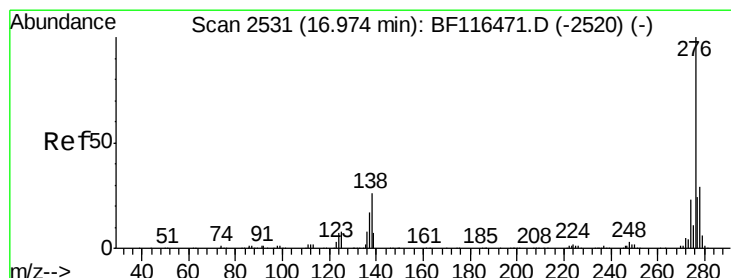
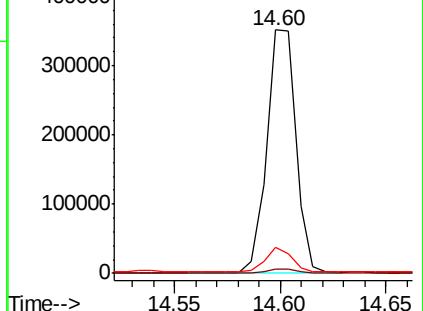
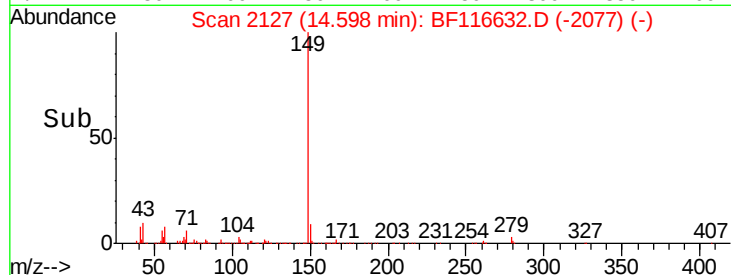
43 9.0 7.4 11.0



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: 53.377 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.01 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

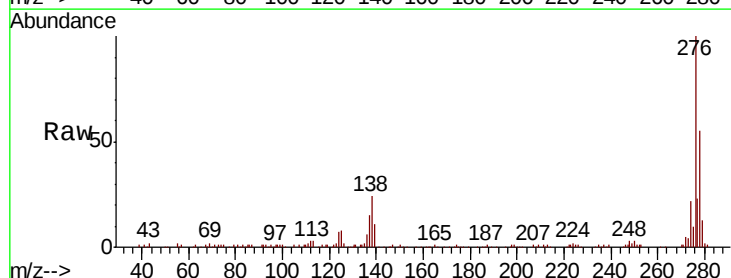
Tgt Ion:276 Resp: 305567

Ion Ratio Lower Upper

276 100

138 24.2 21.5 32.3

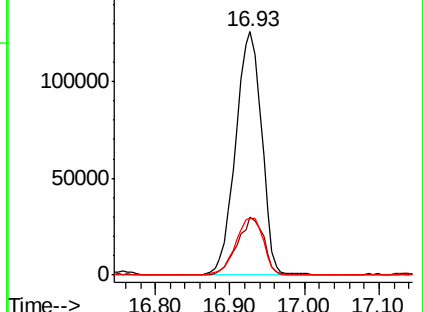
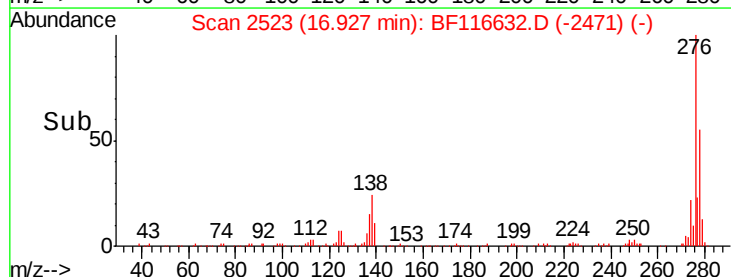
277 25.3 20.0 30.0

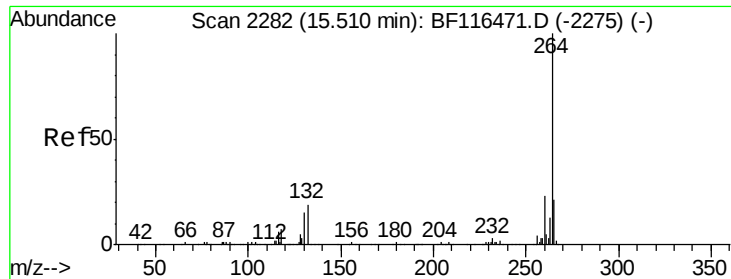


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

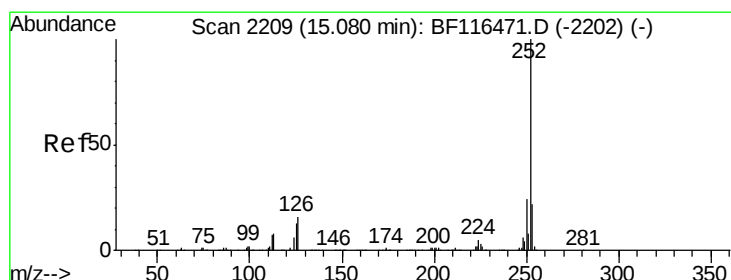
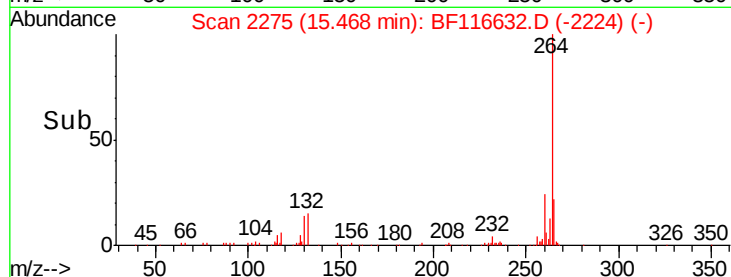
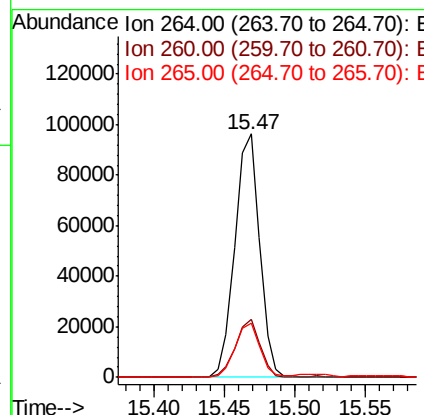
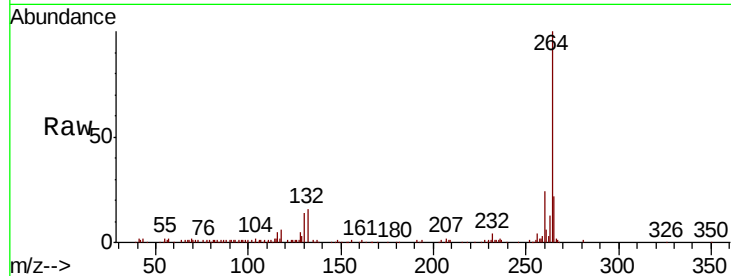




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

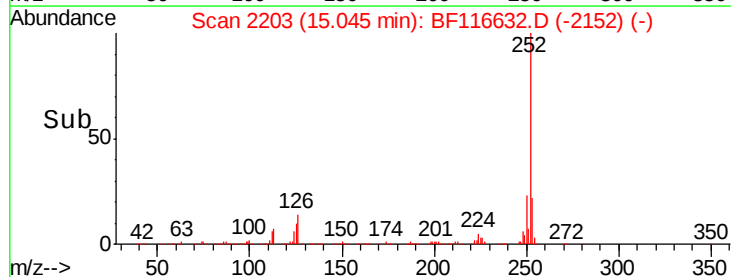
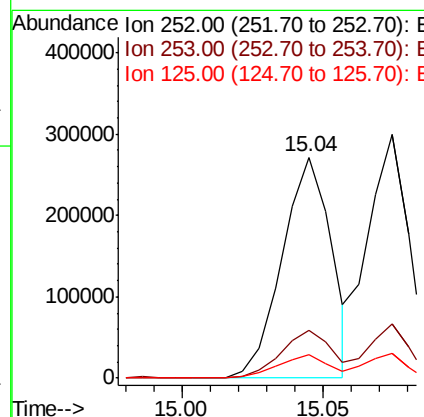
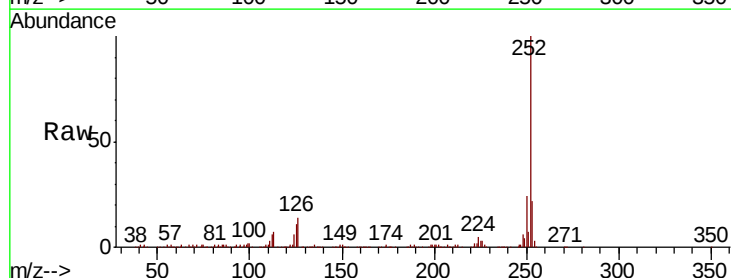
Instrument :
BNA_F
ClientSampleId :

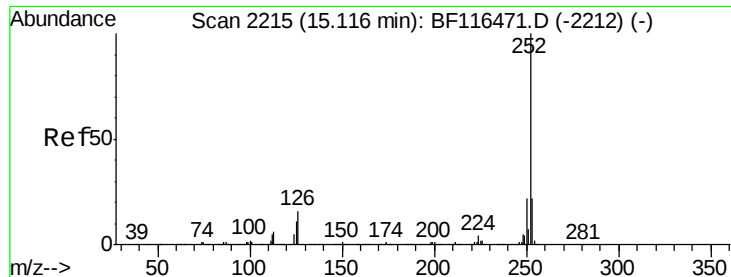
Tot Ion:264 Resp: 118428
Ion Ratio Lower Upper
264 100
260 24.0 20.0 30.0
265 22.3 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 45.437 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:252 Resp: 330445
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.6 9.0 13.6

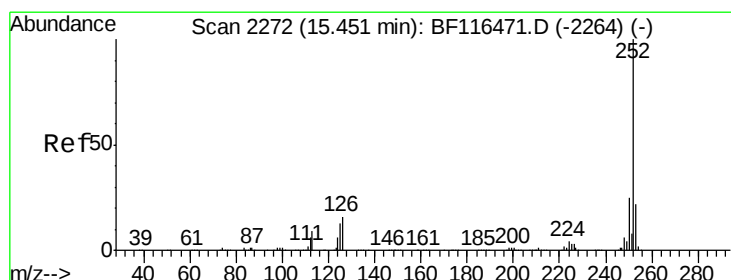
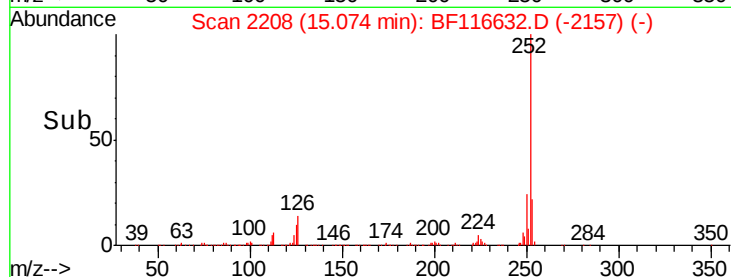
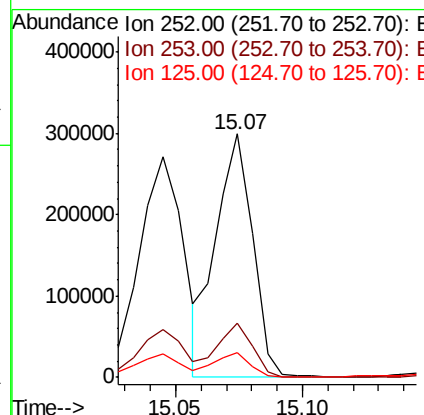
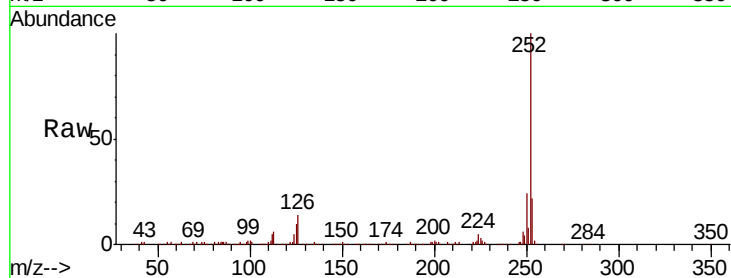




#89
Benzo(k)fluoranthene
Concen: 43.336 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

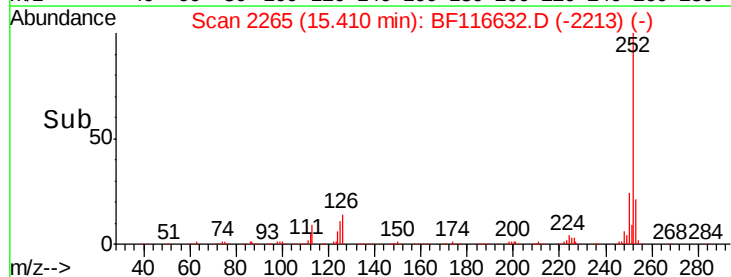
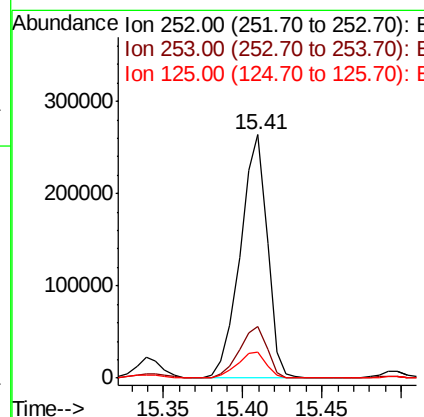
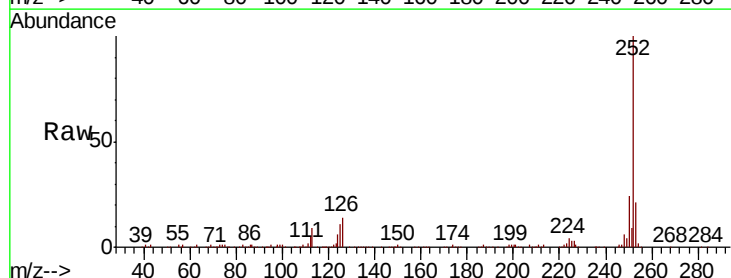
Instrument :
BNA_F
ClientSampleId :

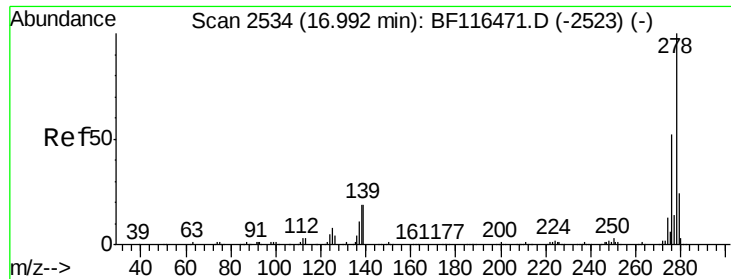
Tot Ion:252 Resp: 299581
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 47.925 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF116632.D
Acq: 28 Aug 2019 23:13

Tgt Ion:252 Resp: 311072
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.9 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 40.120 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

Instrument :

BNA_F

ClientSampleId :

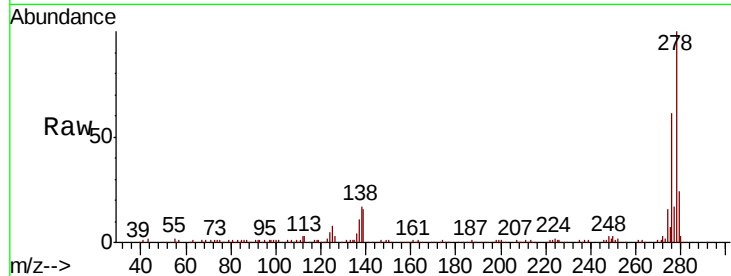
Tot Ion:278 Resp: 242982

Ion Ratio Lower Upper

278 100

139 16.1 14.1 21.1

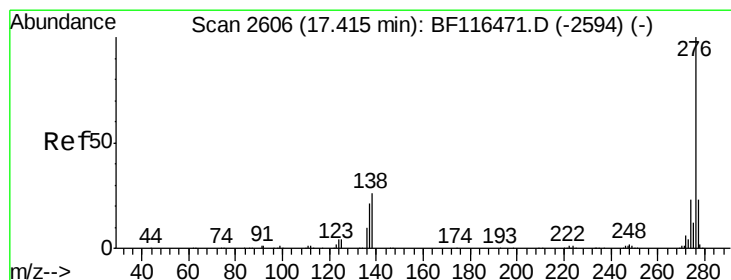
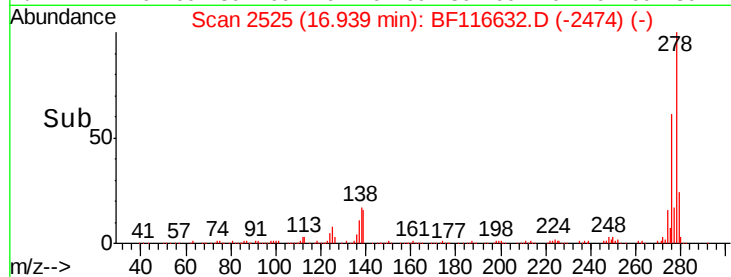
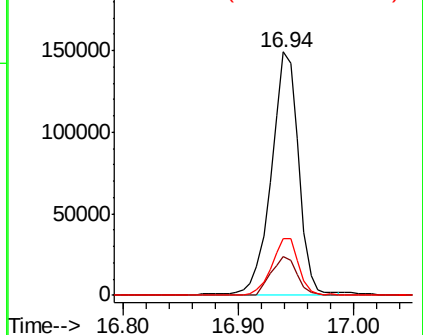
279 23.5 19.5 29.3



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: 35.900 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BF116632.D

Acq: 28 Aug 2019 23:13

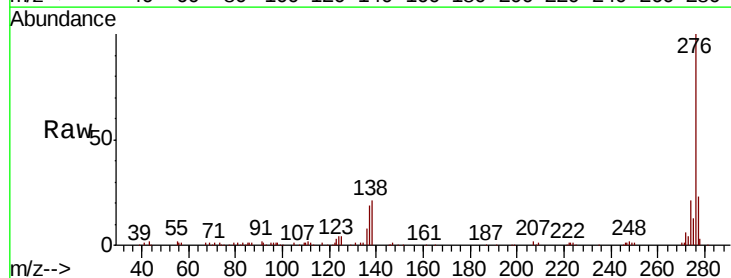
Tgt Ion:276 Resp: 226080

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.4

138 20.7 18.2 27.2



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

