

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115832.D
 Acq On : 29 Jul 2019 15:18
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 16:37:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125961	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	505514	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	265258	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	462434	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	365221	20.00	ng	-0.01
87) Perylene-d12	15.49	264	341102	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	630748	81.91	ng	-0.01
7) Phenol-d6	6.49	99	792565	81.11	ng	-0.01
23) Nitrobenzene-d5	7.43	82	706257	81.24	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	209303	67.60	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1188756	78.44	ng	-0.02
79) Terphenyl-d14	12.96	244	1356957	68.56	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	153405	39.936	ng	99
3) Pyridine	3.38	79	419656	40.268	ng	100
4) n-Nitrosodimethylamine	3.33	42	167660	44.346	ng	100
6) Aniline	6.52	93	539253	39.656	ng	99
8) 2-Chlorophenol	6.65	128	352004	39.758	ng	99
9) Benzaldehyde	6.41	77	240215	39.340	ng	99
10) Phenol	6.51	94	471045	41.527	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	334167	38.694	ng	95
12) 1,3-Dichlorobenzene	6.80	146	394894	39.671	ng	98
13) 1,4-Dichlorobenzene	6.88	146	391011	39.369	ng	99
14) 1,2-Dichlorobenzene	7.03	146	366699	40.389	ng	99
15) Benzyl Alcohol	7.00	79	300085	38.714	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	449976	39.577	ng	100
17) 2-Methylphenol	7.12	107	283608	37.170	ng	99
18) Hexachloroethane	7.37	117	144825	39.286	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	232884	36.544	ng	99
20) 3+4-Methylphenols	7.27	107	351488	38.783	ng	99
22) Acetophenone	7.27	105	455437	39.880	ng	98
24) Nitrobenzene	7.45	77	386258	41.192	ng	99
25) Isophorone	7.68	82	655730	37.694	ng	98
26) 2-Nitrophenol	7.76	139	185137	38.358	ng	95
27) 2,4-Dimethylphenol	7.80	122	269363	37.300	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	417500	39.120	ng	99
29) 2,4-Dichlorophenol	8.00	162	290988	38.744	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	327311	38.554	ng	99
31) Naphthalene	8.17	128	981464	40.089	ng	99
32) Benzoic acid	7.92	122	207976	35.092	ng	99
33) 4-Chloroaniline	8.21	127	423172	39.022	ng	98
34) Hexachlorobutadiene	8.29	225	187540	38.522	ng	98
35) Caprolactam	8.58	113	89796	38.691	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	301277	38.672	ng	98
37) 2-Methylnaphthalene	8.86	142	642827	39.611	ng	99
38) 1-Methylnaphthalene	8.96	142	612281	39.721	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	289716	36.270	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 16:37:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	150097	32.941	ng	97
43) 2,4,6-Trichlorophenol	9.13	196	192369	32.932	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	203777	34.063	ng	99
46) 1,1'-Biphenyl	9.32	154	774185	37.332	ng	99
47) 2-Chloronaphthalene	9.35	162	623279	36.096	ng	99
48) 2-Nitroaniline	9.44	65	204466	38.258	ng	96
49) Acenaphthylene	9.76	152	951578	37.192	ng	100
50) Dimethylphthalate	9.62	163	703966	35.274	ng	100
51) 2,6-Dinitrotoluene	9.67	165	158311	34.906	ng	91
52) Acenaphthene	9.93	154	575222	34.823	ng	98
53) 3-Nitroaniline	9.85	138	190823	36.818	ng	95
54) 2,4-Dinitrophenol	9.96	184	75558	32.448	ng	99
55) Dibenzofuran	10.10	168	842424	35.911	ng	99
56) 4-Nitrophenol	10.01	139	128463	32.504	ng	97
57) 2,4-Dinitrotoluene	10.09	165	213538	36.342	ng	94
58) Fluorene	10.45	166	645044	38.464	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	171472	34.289	ng	99
60) Diethylphthalate	10.32	149	669568	35.808	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	324048	34.844	ng	99
62) 4-Nitroaniline	10.46	138	197331	39.693	ng	99
63) Azobenzene	10.59	77	704074	38.819	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	102836	36.398	ng	89
66) n-Nitrosodiphenylamine	10.55	169	570271	39.644	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	199935	37.834	ng	93
68) Hexachlorobenzene	11.00	284	229972	38.107	ng	# 93
69) Atrazine	11.07	200	152234	32.260	ng	99
70) Pentachlorophenol	11.19	266	138751	37.591	ng	99
71) Phenanthrene	11.40	178	979150	41.307	ng	100
72) Anthracene	11.46	178	994626	40.602	ng	99
73) Carbazole	11.61	167	911860	42.447	ng	100
74) Di-n-butylphthalate	11.94	149	1044564	39.475	ng	99
75) Fluoranthene	12.59	202	1037769	41.430	ng	98
77) Benzidine	12.71	184	592066	45.762	ng	100
78) Pyrene	12.82	202	1078148	34.843	ng	99
80) Butylbenzylphthalate	13.43	149	464303	35.199	ng	97
81) Benzo(a)anthracene	14.01	228	946671	39.345	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	329291	38.498	ng	99
83) Chrysene	14.05	228	911908	37.754	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	627826	38.425	ng	99
85) Di-n-octyl phthalate	14.61	149	1003468	38.599	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	753511	36.720	ng	99
88) Benzo(b)fluoranthene	15.06	252	815681	37.137	ng	100
89) Benzo(k)fluoranthene	15.09	252	768340	39.236	ng	99
90) Benzo(a)pyrene	15.43	252	714938	37.872	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	623186	37.602	ng	99
92) Benzo(g,h,i)perylene	17.40	276	607781	36.771	ng	99

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

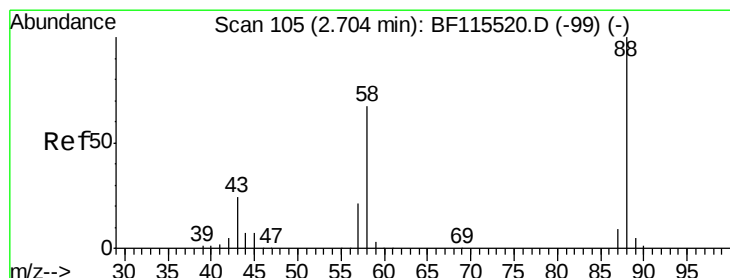
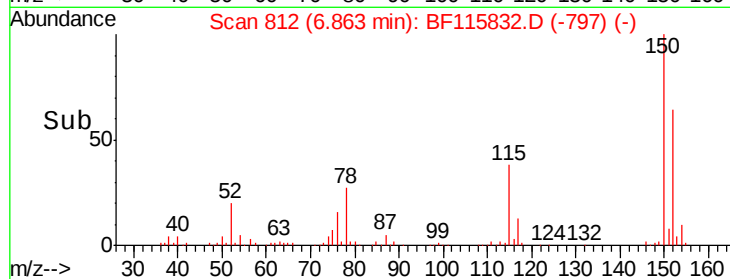
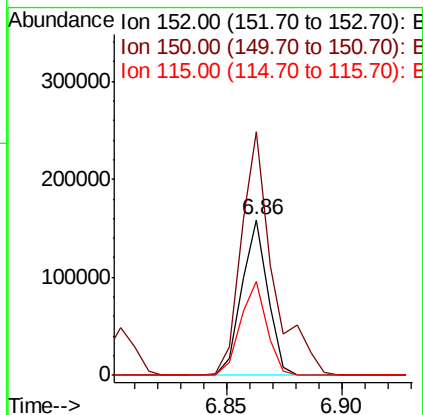
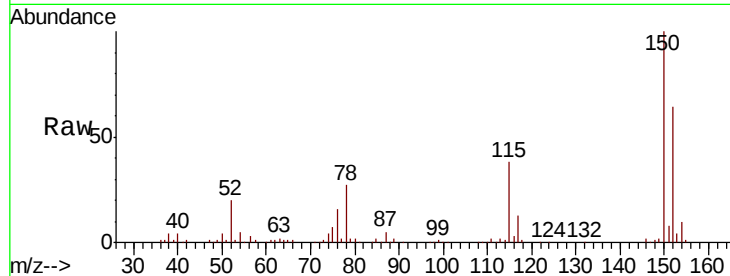


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampleId :

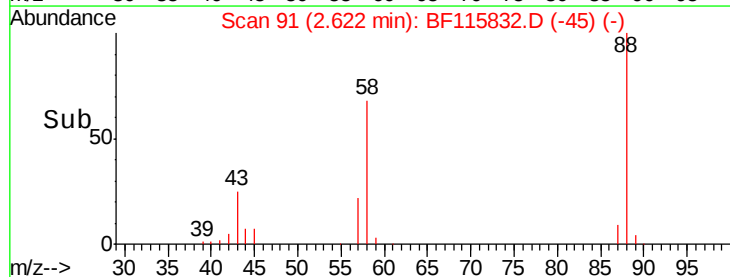
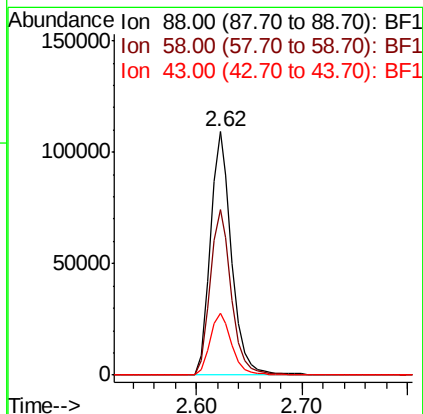
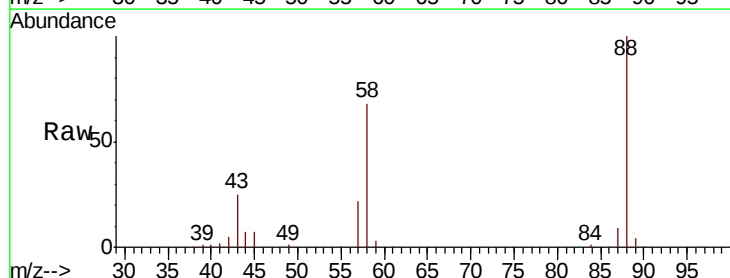
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	60.2	47.8	71.6

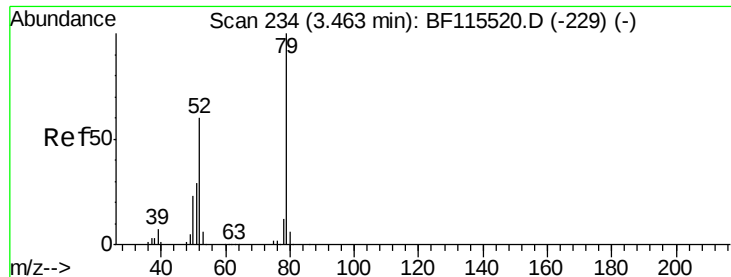


#2

1,4-Dioxane
Concen: 39.936 ng
RT: 2.62 min Scan# 91
Delta R.T. -0.03 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	54.2	81.4
43	26.1	20.8	31.2





#3

Pvridine

Concen: 40.268 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.04 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

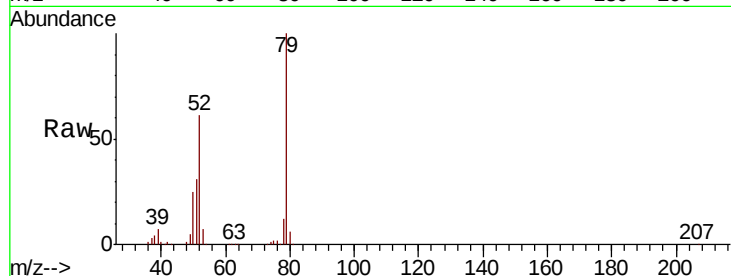
Tot Ion: 79 Resp: 419656

Ion Ratio Lower Upper

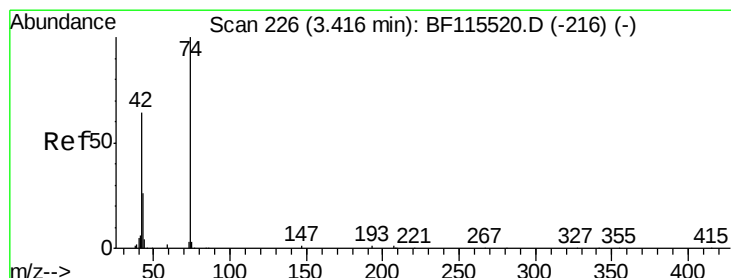
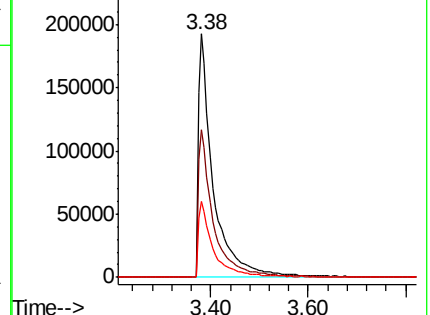
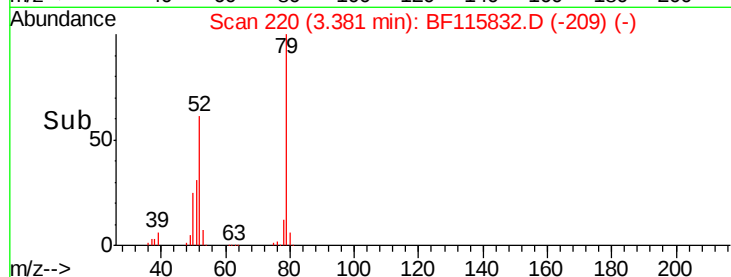
79 100

52 60.6 48.4 72.6

51 31.4 24.8 37.2



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



#4

n-Nitrosodimethylamine

Concen: 44.346 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.04 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

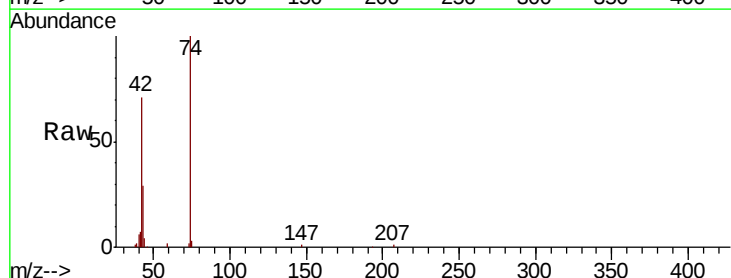
Tgt Ion: 42 Resp: 167660

Ion Ratio Lower Upper

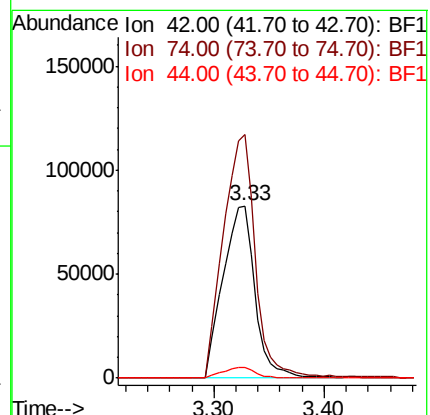
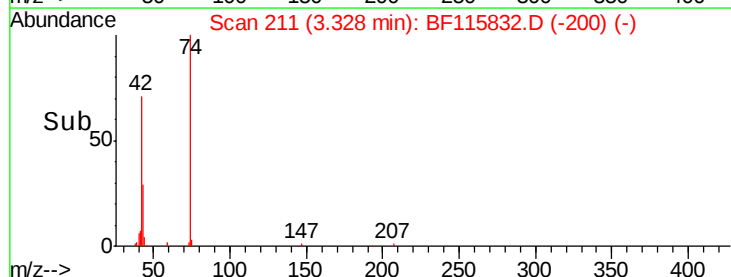
42 100

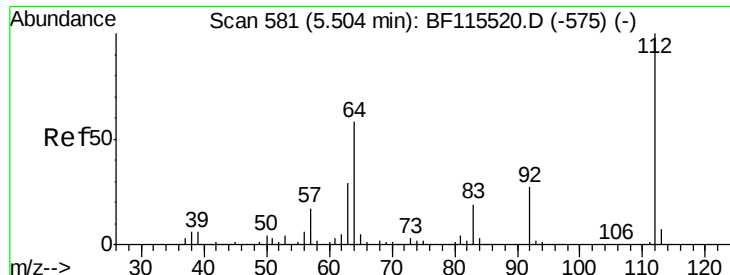
74 141.5 113.4 170.0

44 6.4 5.1 7.7



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





#5

2-Fluorophenol

Concen: 81.908 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

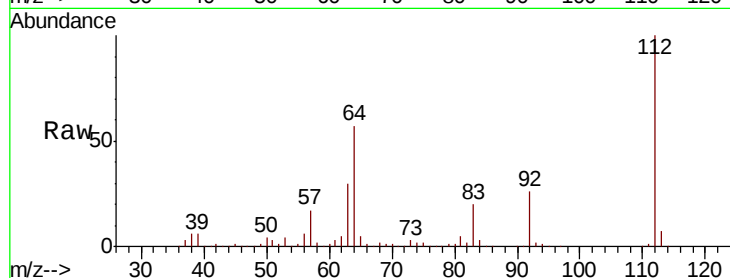
Tot Ion:112 Resp: 630748

Ion Ratio Lower Upper

112 100

64 56.9 45.8 68.8

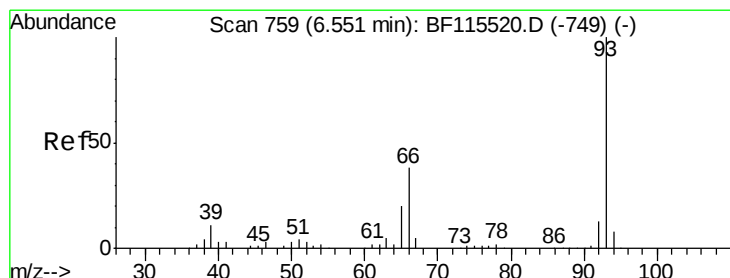
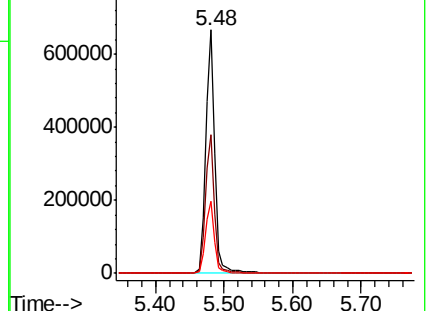
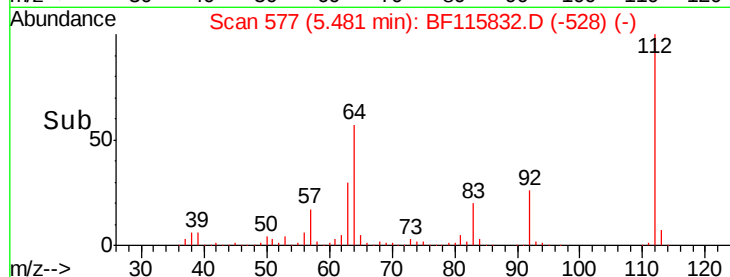
63 29.6 23.6 35.4



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: 39.656 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

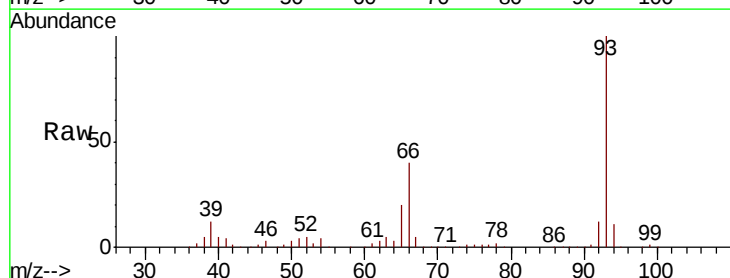
Tgt Ion: 93 Resp: 539253

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

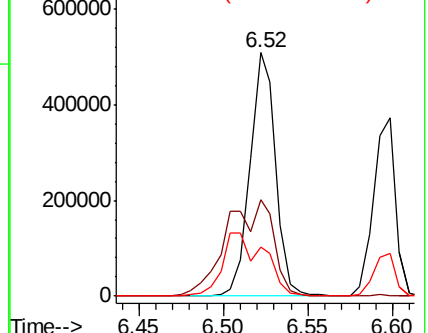
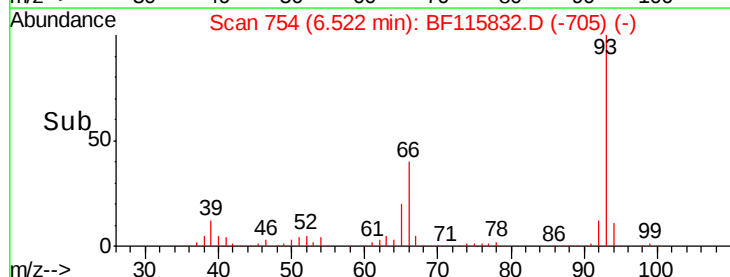
65 20.4 16.5 24.7

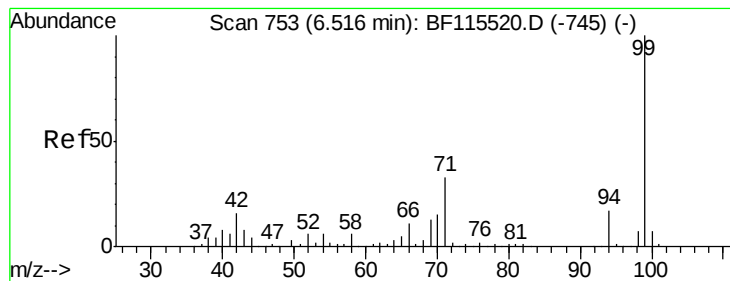


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.112 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

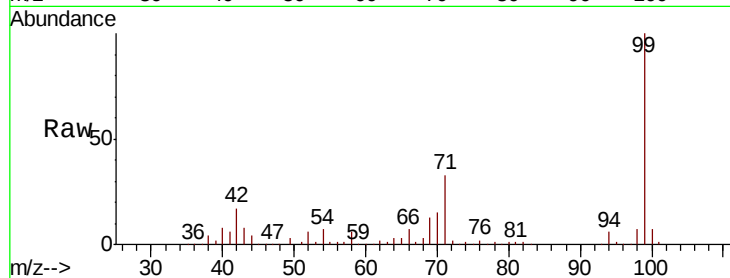
Tot Ion: 99 Resp: 792565

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.2

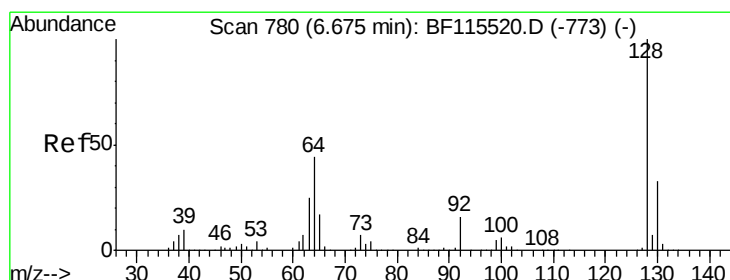
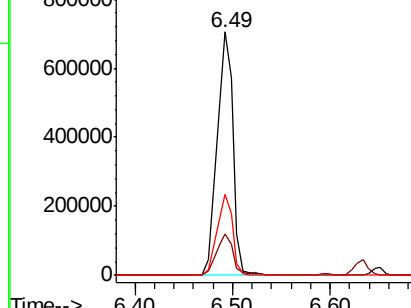
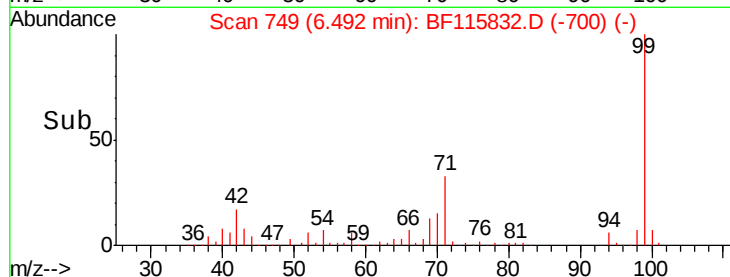
71 33.1 26.7 40.1



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: 39.758 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

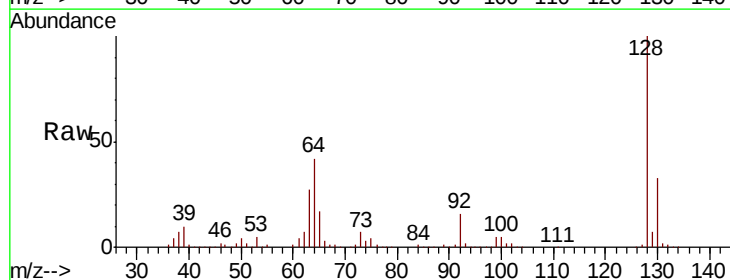
Tgt Ion: 128 Resp: 352004

Ion Ratio Lower Upper

128 100

130 32.8 13.8 53.8

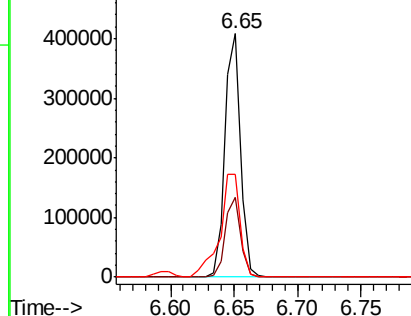
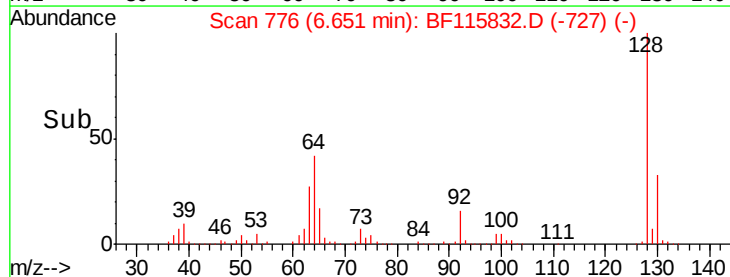
64 42.2 22.4 62.4



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

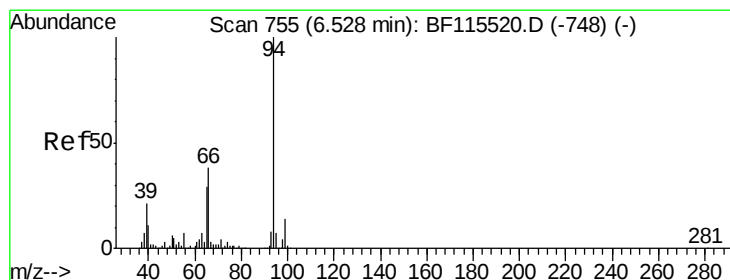
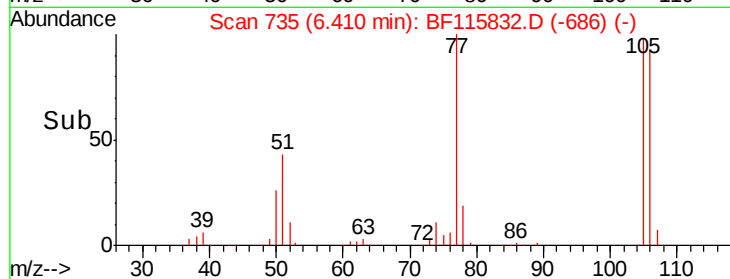
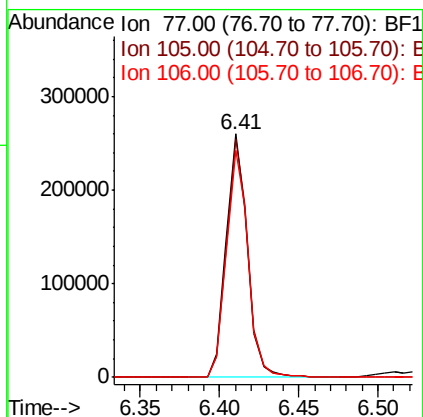
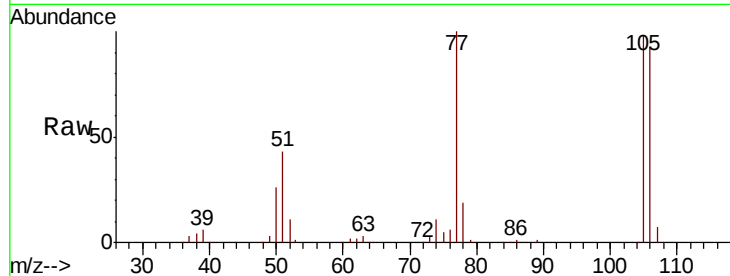




#9
Benzaldehyde
Concen: 39.340 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

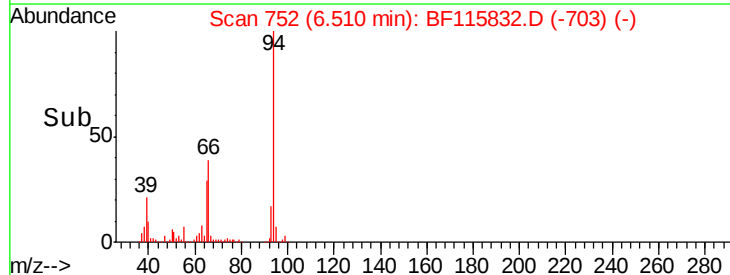
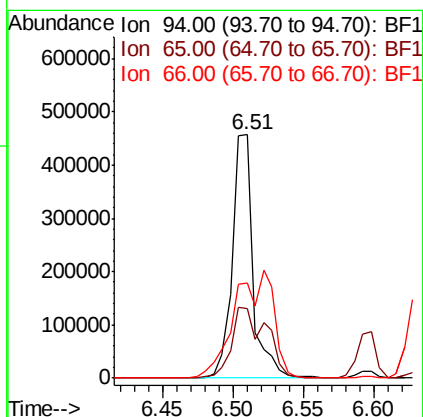
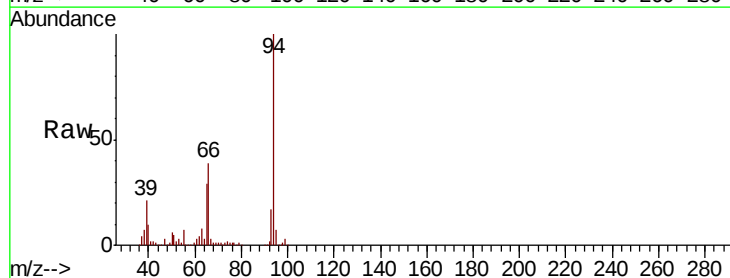
Instrument :
BNA_F
ClientSampleId :

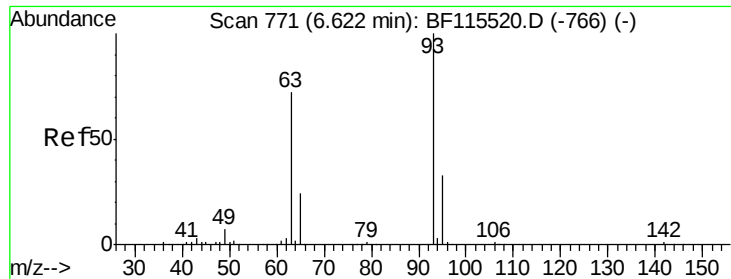
Tot Ion	Ratio	Lower	Upper
77	100		
105	97.9	77.5	117.5
106	93.2	74.7	114.7



#10
Phenol
Concen: 41.527 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	11.2	51.2
66	39.1	24.4	64.4

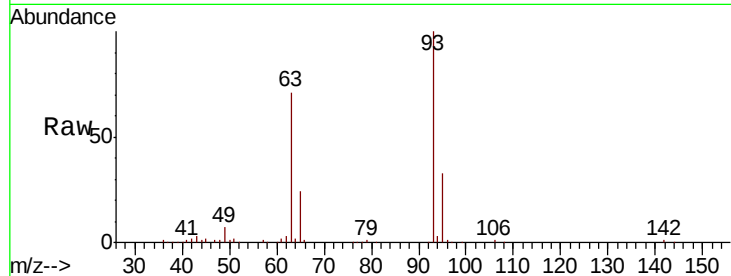




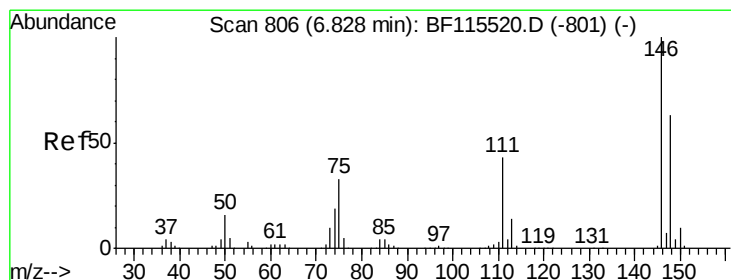
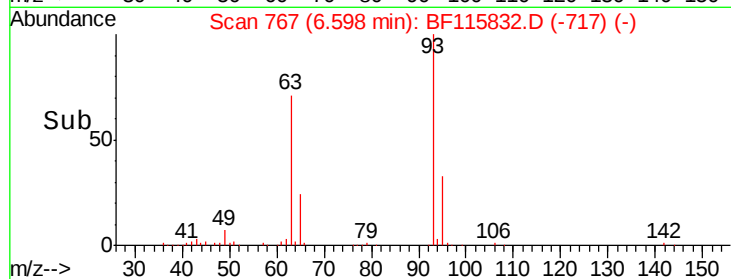
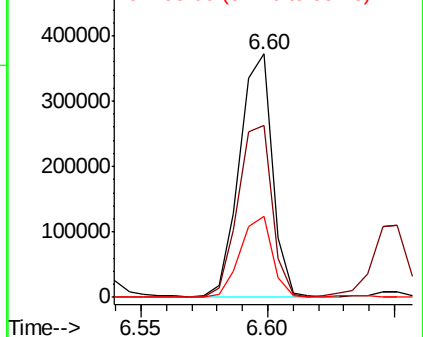
#11
 bis(2-Chloroethyl)ether
 Concen: 38.694 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	93	Resp	334167
Ion Ratio	100		
Lower	56.2		
Upper	96.2		
95	33.2	12.1	52.1

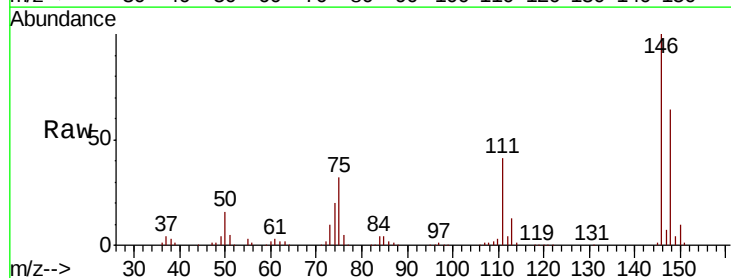


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

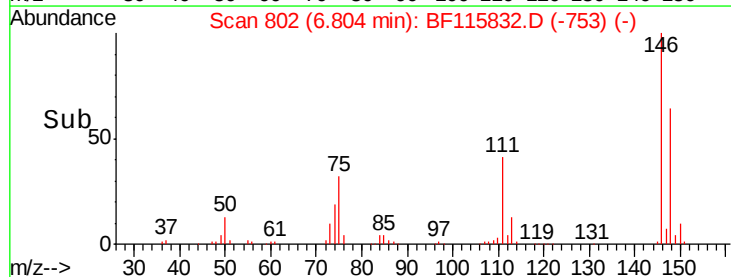
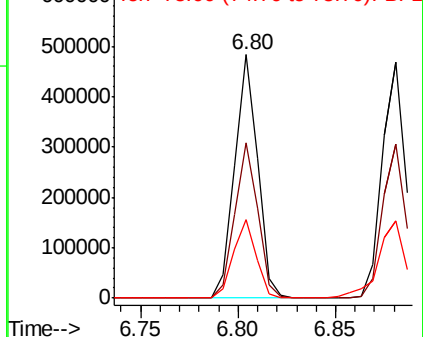


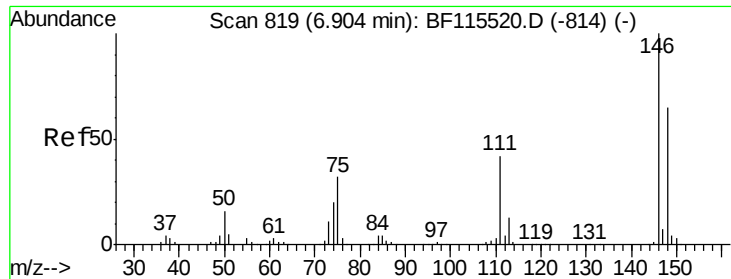
#12
 1,3-Dichlorobenzene
 Concen: 39.671 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Tgt Ion	146	Resp	394894
Ion Ratio	100		
Lower	51.9		
Upper	77.9		
148	63.6	25.3	37.9
75	32.4		



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

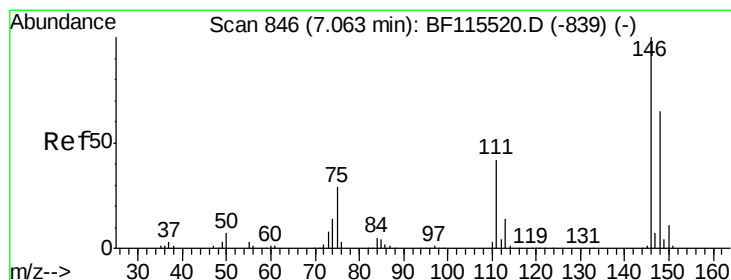
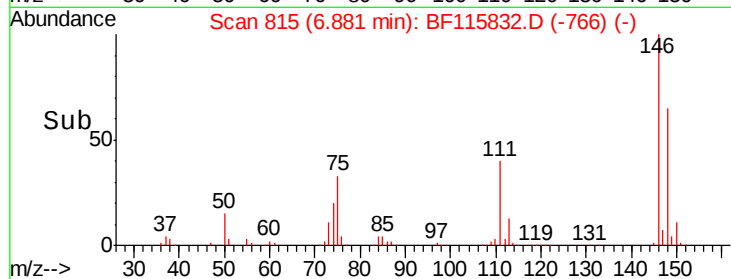
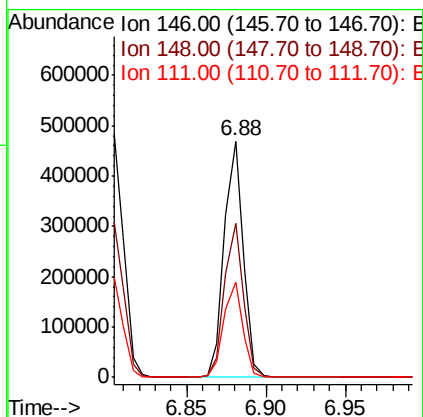
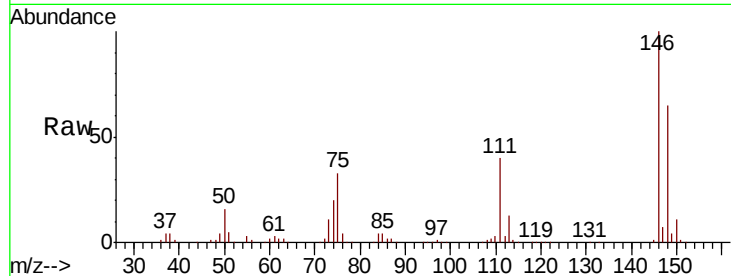




#13
 1,4-Dichlorobenzene
 Concen: 39.369 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

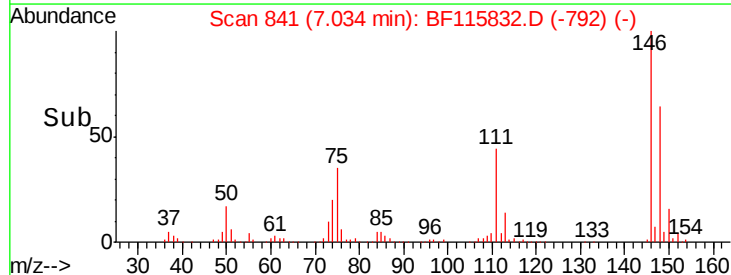
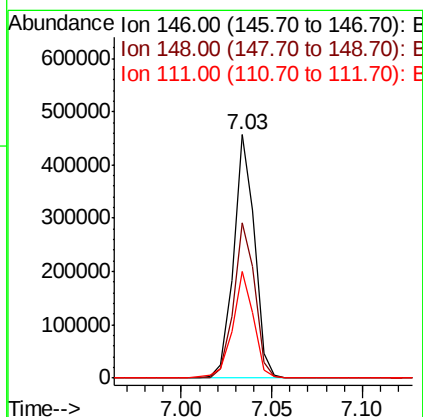
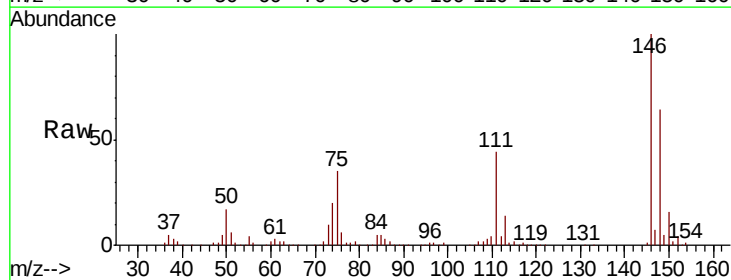
Instrument :
 BNA_F
 ClientSampleId :

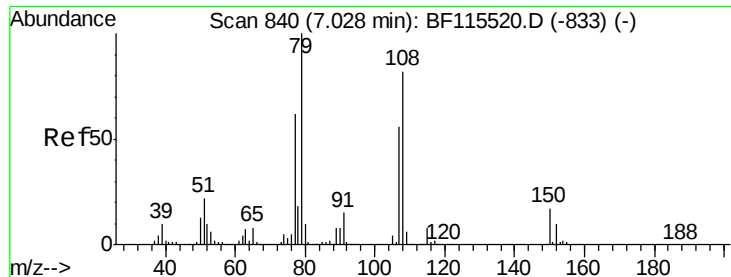
Tot Ion:146 Resp: 391011
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.7 79.1
 111 40.4 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 40.389 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Tgt Ion:146 Resp: 366699
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.8
 111 43.7 34.6 51.8





#15

Benzyl Alcohol

Concen: 38.714 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

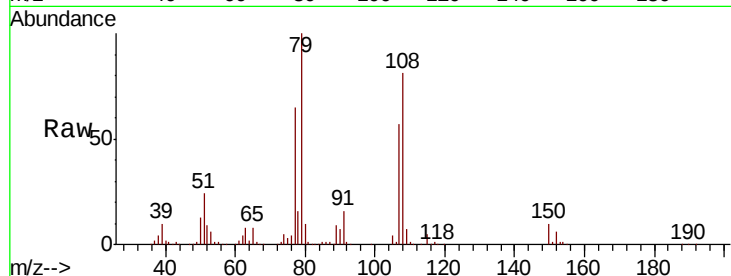
Tot Ion: 79 Resp: 300085

Ion Ratio Lower Upper

79 100

108 81.0 65.4 98.2

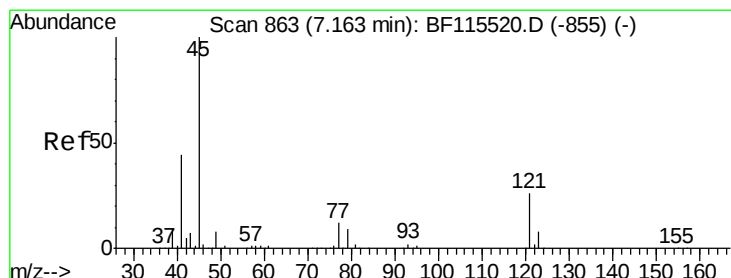
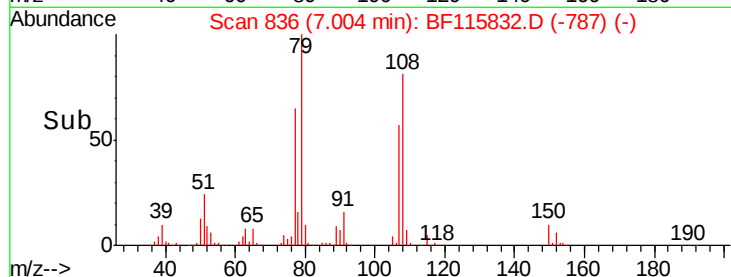
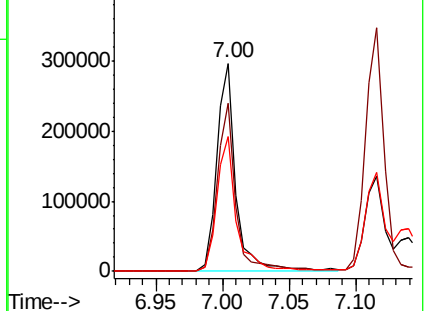
77 65.0 52.7 79.1



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: 39.577 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

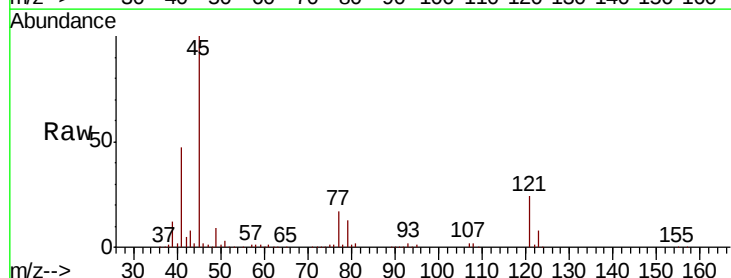
Tgt Ion: 45 Resp: 449976

Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.8

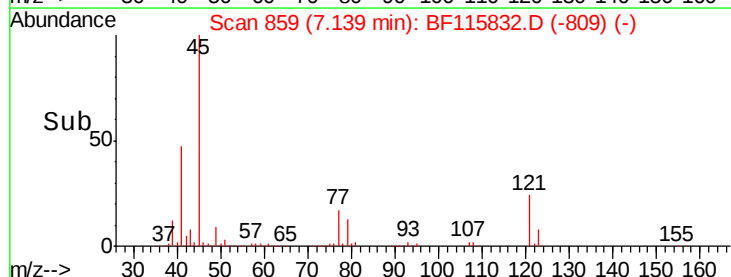
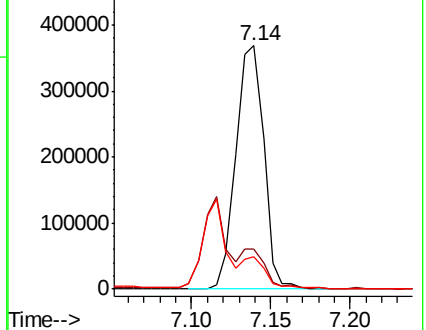
79 13.1 0.0 33.1



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

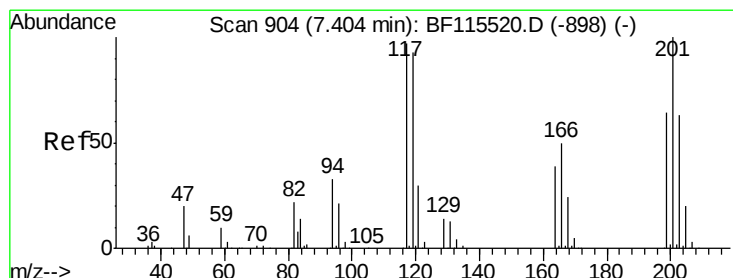
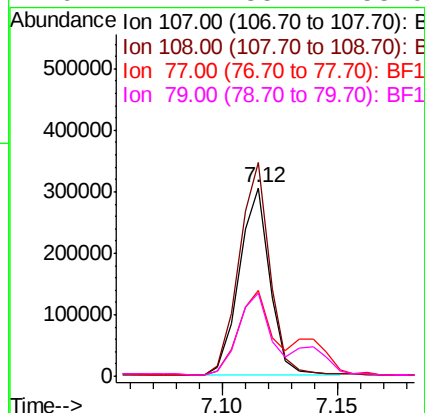
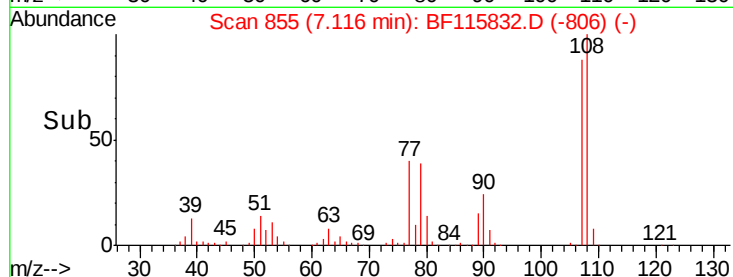
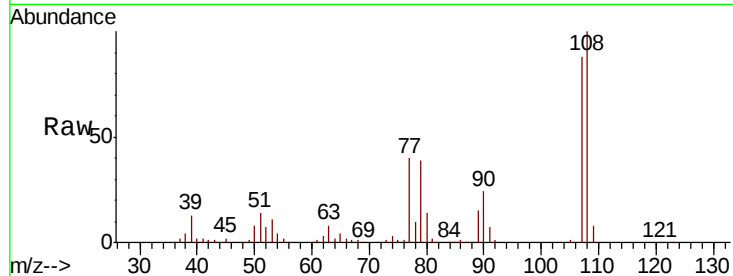




#17
2-Methylphenol
Concen: 37.170 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

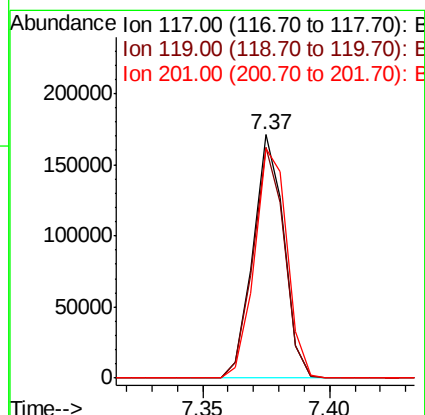
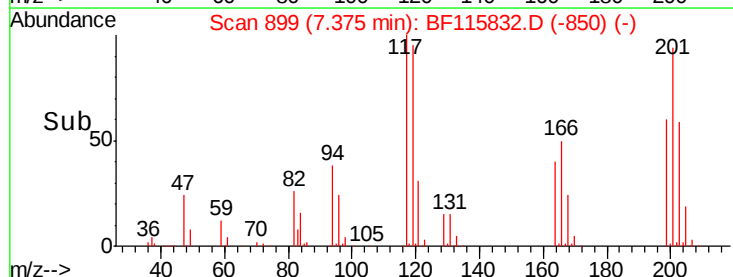
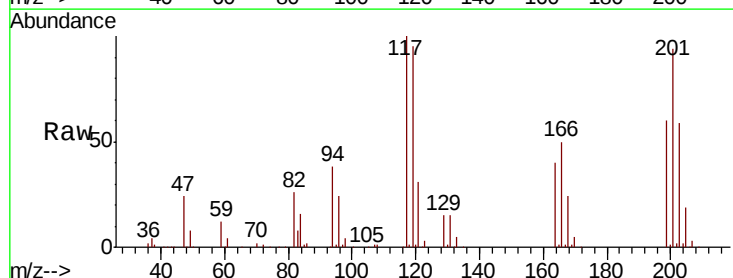
Instrument :
BNA_F
ClientSampleId :

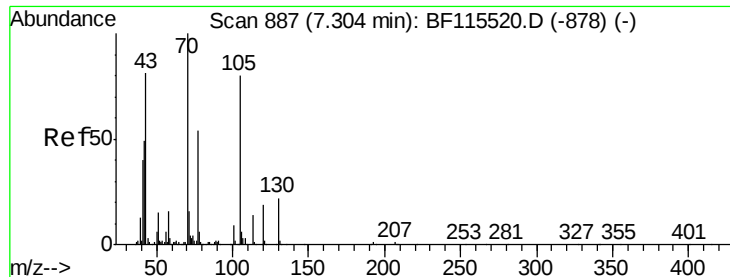
Tot Ion:107 Resp: 283608
Ion Ratio Lower Upper
107 100
108 113.2 91.3 136.9
77 45.8 36.9 55.3
79 44.4 35.4 53.0



#18
Hexachloroethane
Concen: 39.286 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:117 Resp: 144825
Ion Ratio Lower Upper
117 100
119 94.9 74.8 112.2
201 94.3 77.6 116.4

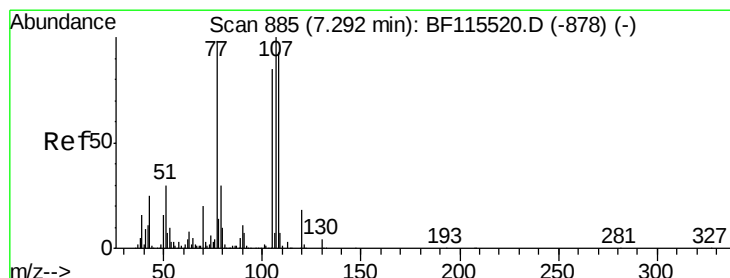
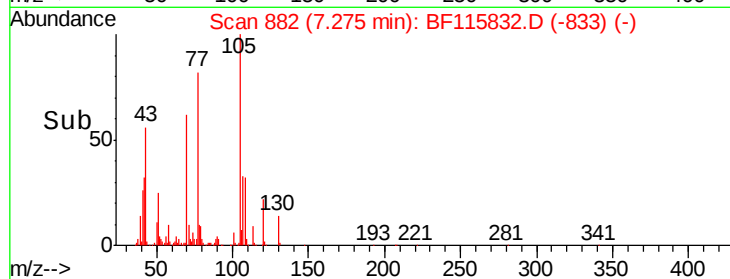
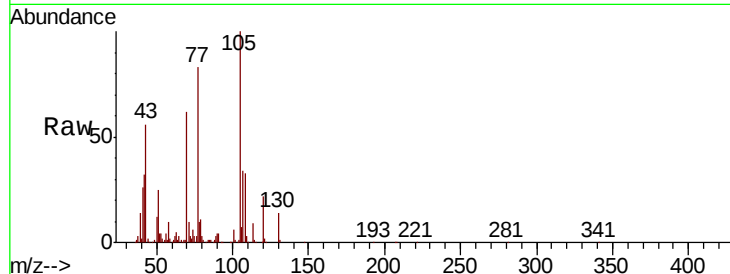
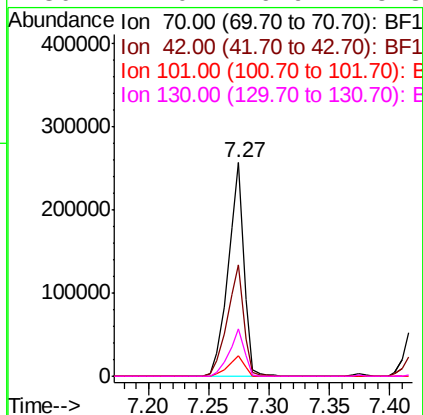




#19
n-Nitroso-di-n-propylamine
Concen: 36.544 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

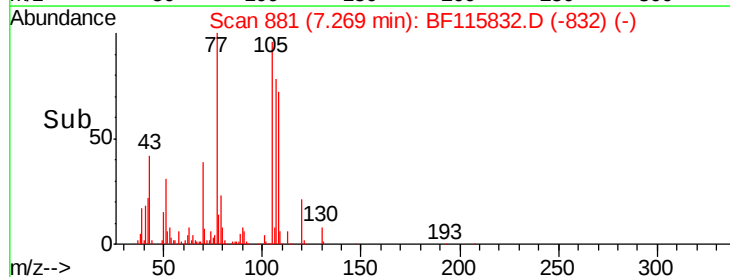
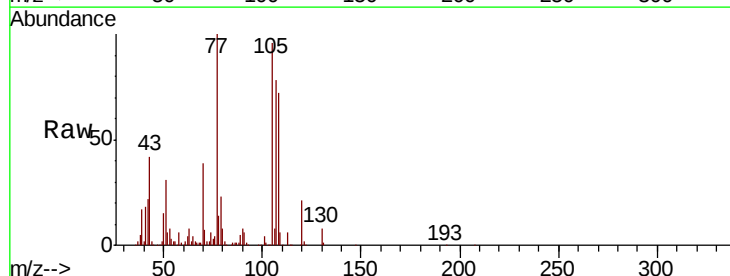
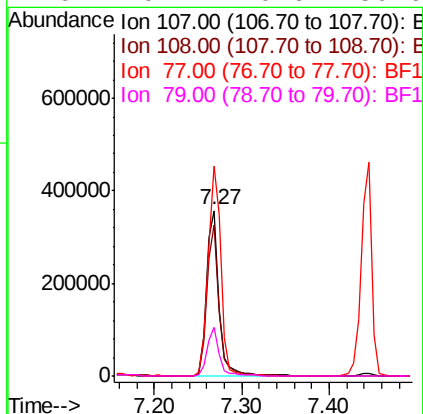
Instrument :
BNA_F
ClientSampleId :

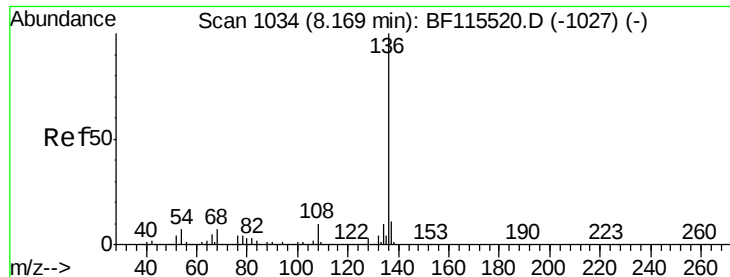
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	41.8	62.8
101	9.8	7.6	11.4
130	22.0	16.9	25.3



#20
3+4-Methylphenols
Concen: 38.783 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	73.0	113.0
77	127.4	107.5	147.5
79	29.4	10.6	50.6

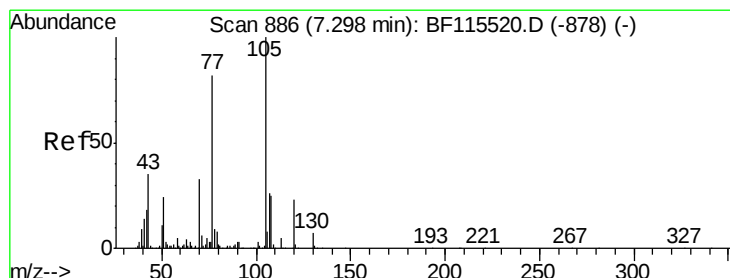
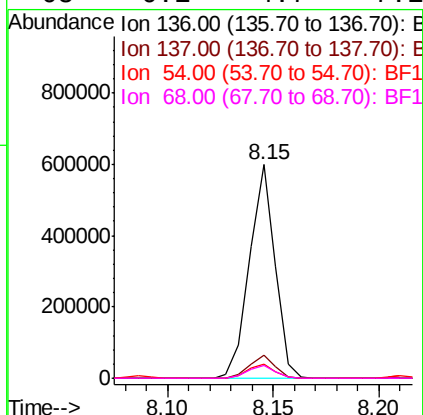
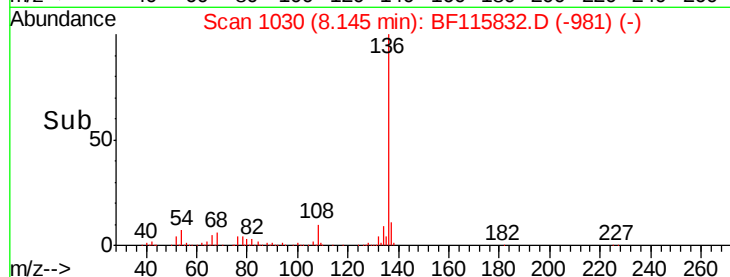
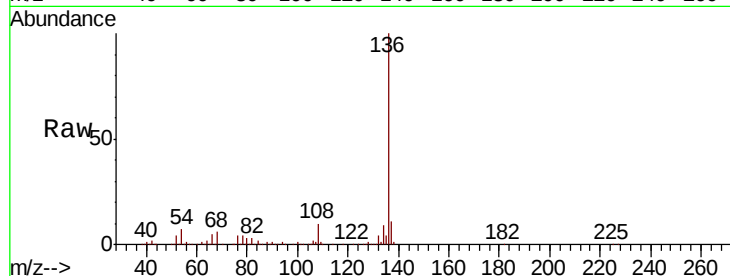




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

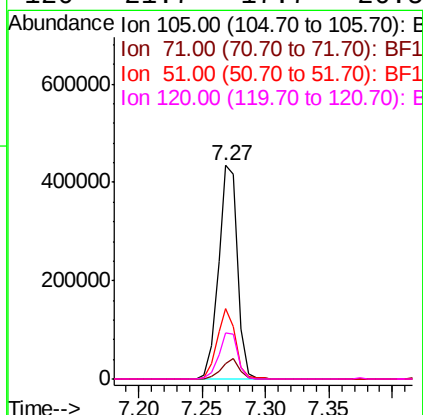
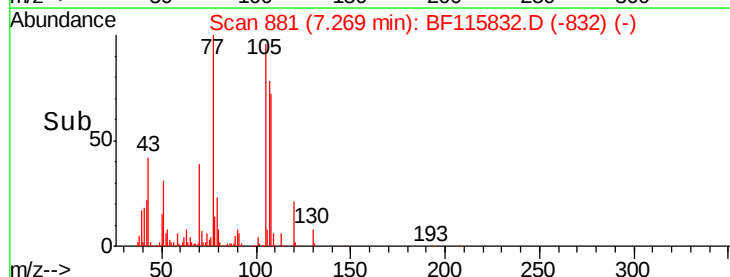
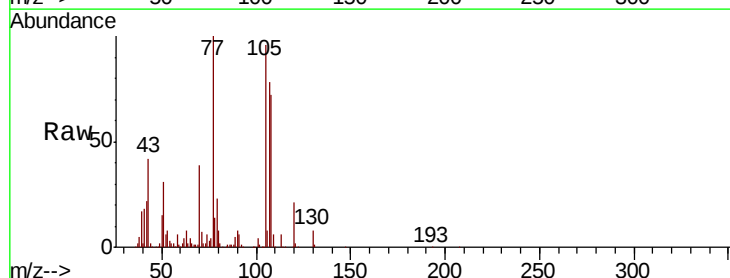
Instrument :
BNA_F
ClientSampleId :

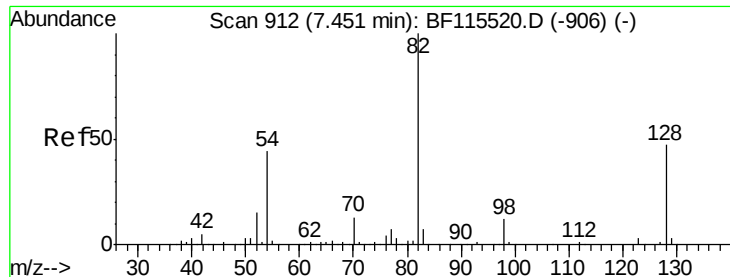
Tot Ion:136	Resp: 505514
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 6.8	5.0 7.6
68 6.1	4.7 7.1



#22
Acetophenone
Concen: 39.880 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt	Ion:105	Resp:	455437
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.7	7.1
51	32.9	25.6	38.4
120	21.7	17.7	26.5

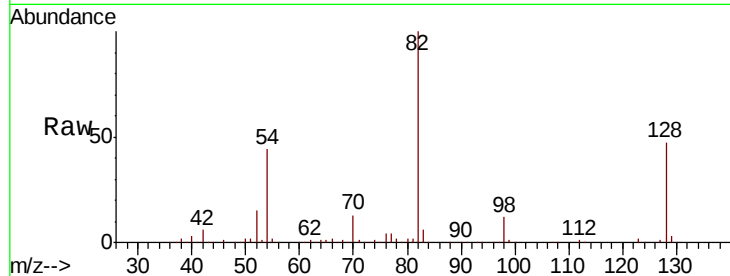




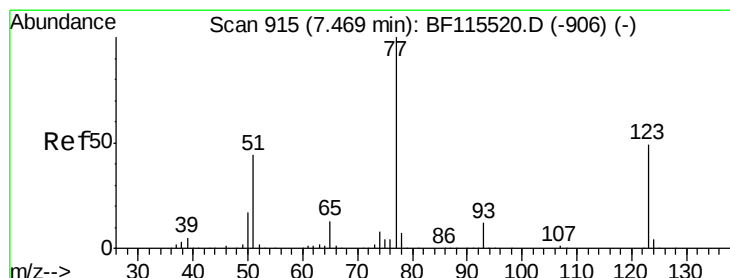
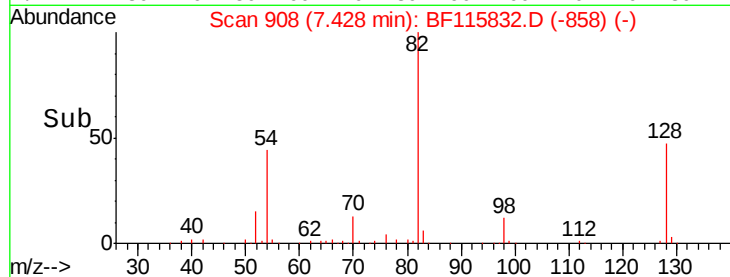
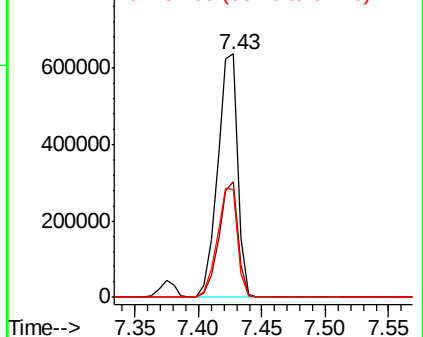
#23
Nitrobenzene-d5
Concen: 81.237 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	706257
Ion Ratio	100		
Lower	36.6		
Upper	55.0		
54	44.2		54.8

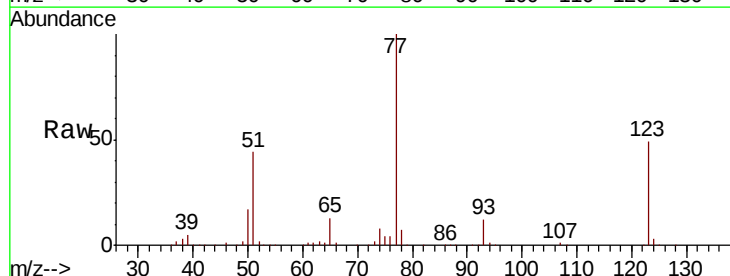


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

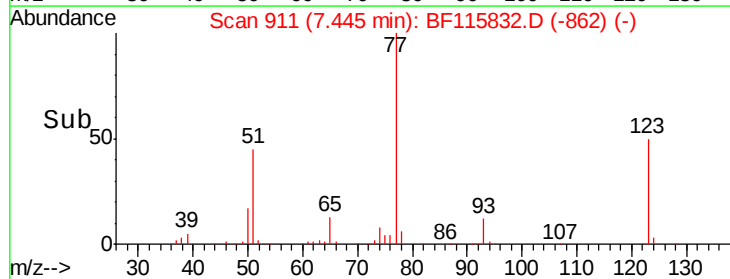
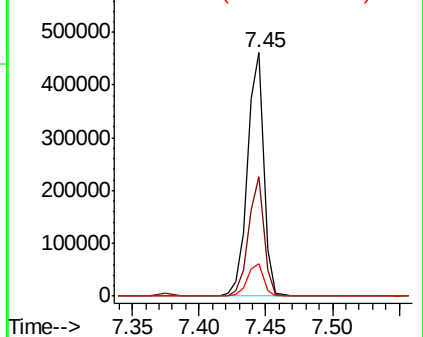


#24
Nitrobenzene
Concen: 41.192 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion	77	Resp	386258
Ion Ratio	100		
Lower	39.9		
Upper	59.9		
123	49.2		15.7
65	13.2		15.7



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: 37.694 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

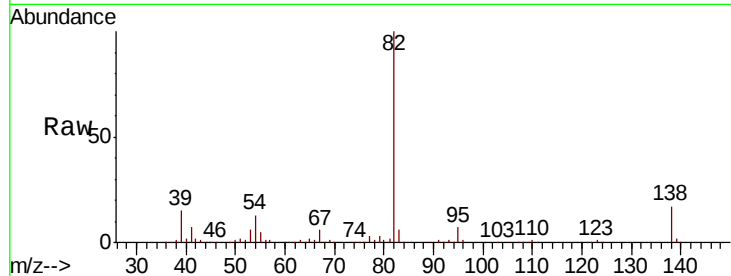
Tot Ion: 82 Resp: 655730

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

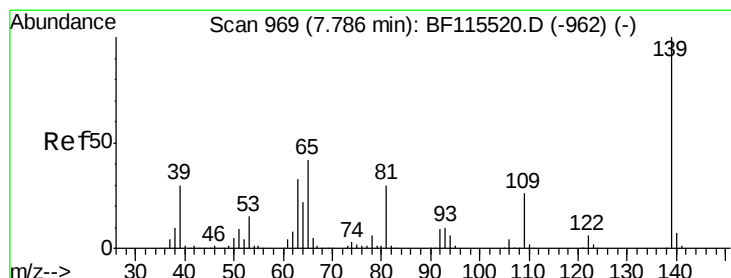
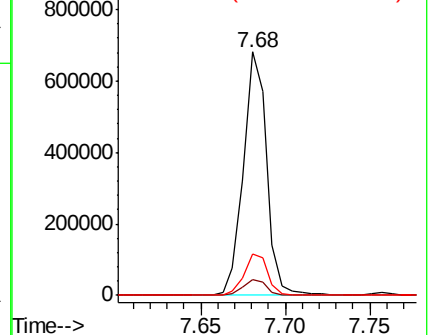
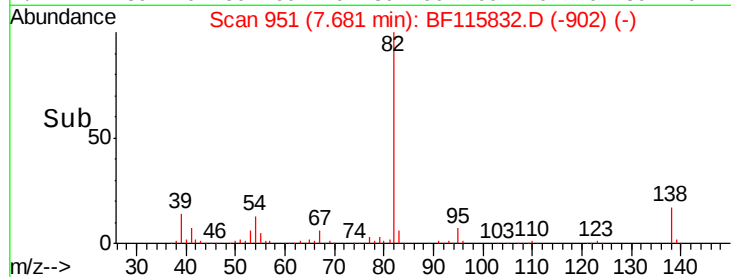
138 17.0 14.2 21.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.358 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

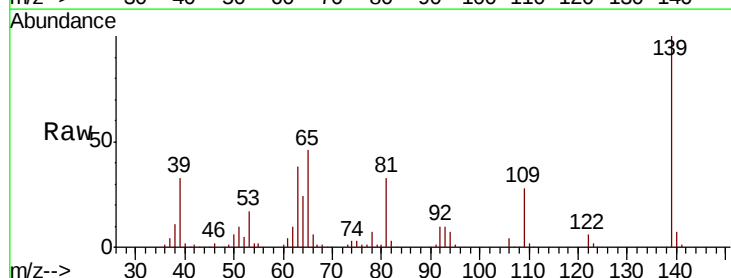
Tgt Ion: 139 Resp: 185137

Ion Ratio Lower Upper

139 100

109 28.3 23.2 34.8

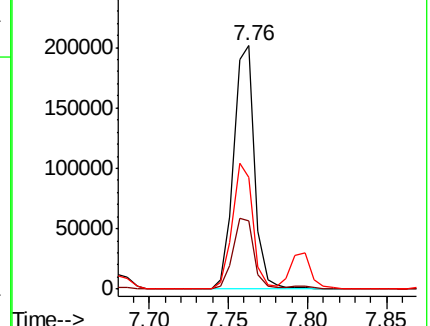
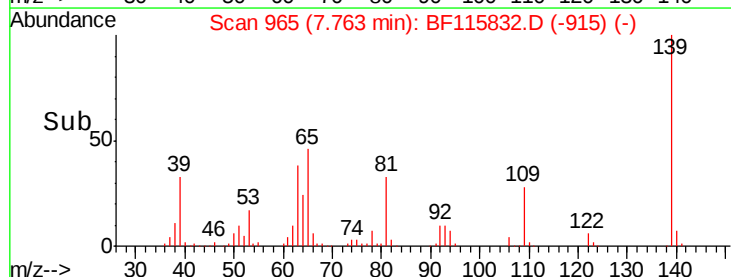
65 46.1 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.300 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampled :

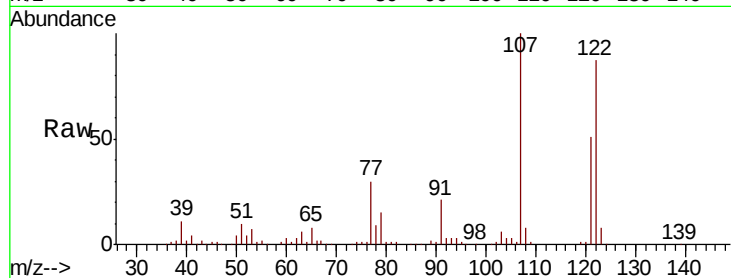
Tot Ion:122 Resp: 269363

Ion Ratio Lower Upper

122 100

107 114.4 92.6 138.8

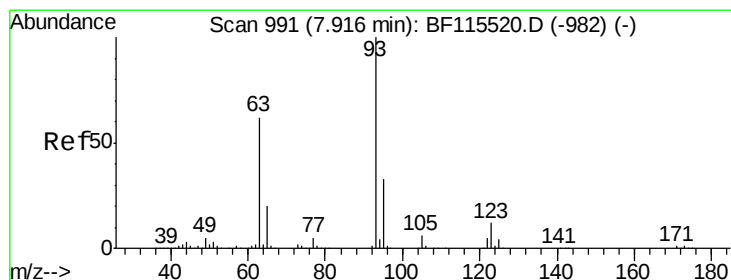
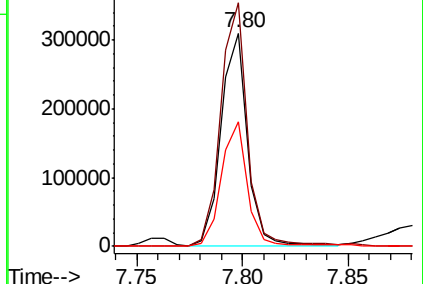
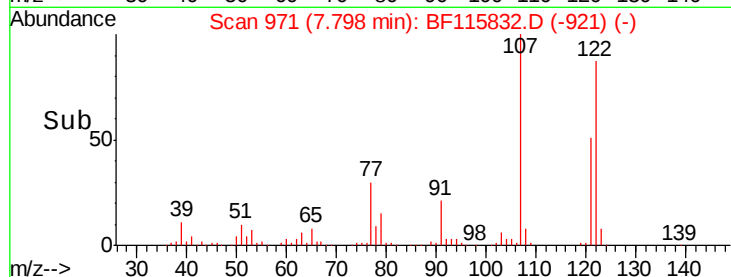
121 58.6 46.2 69.4



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: 39.120 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

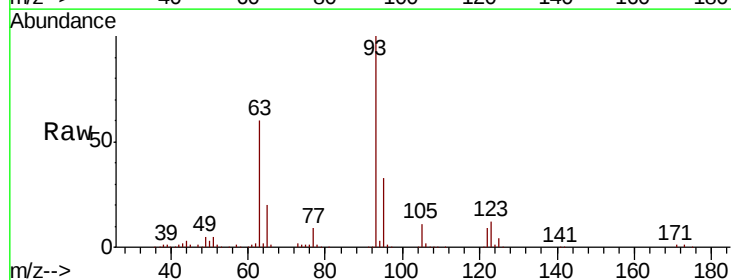
Tgt Ion: 93 Resp: 417500

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

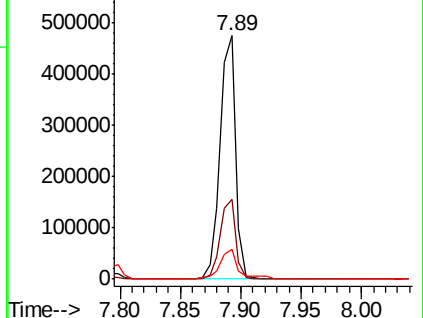
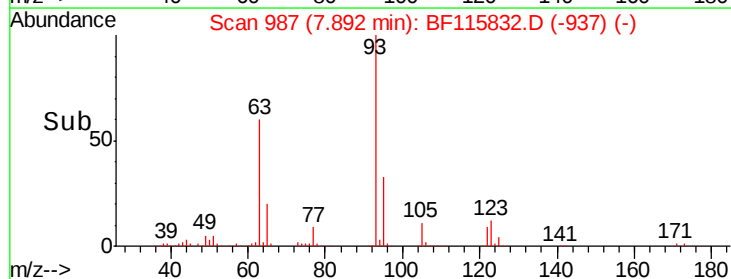
123 12.3 9.3 13.9

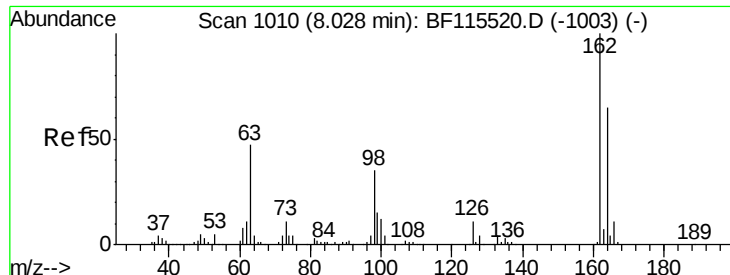


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

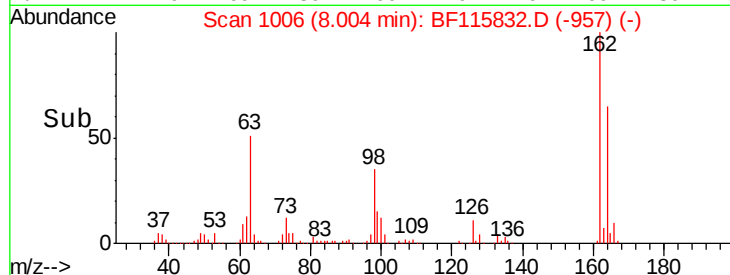
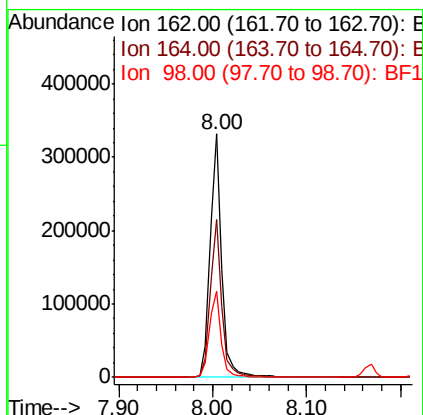
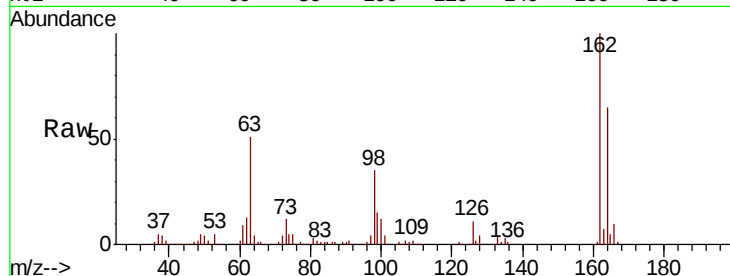




#29
 2,4-Dichlorophenol
 Concen: 38.744 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

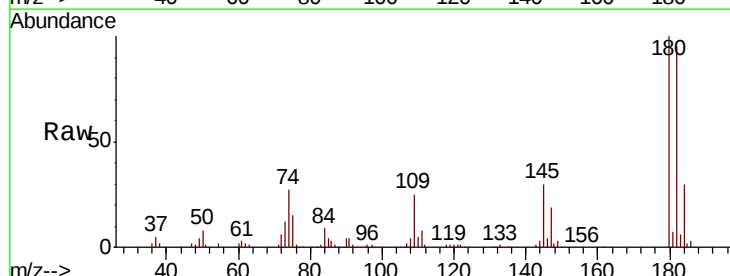
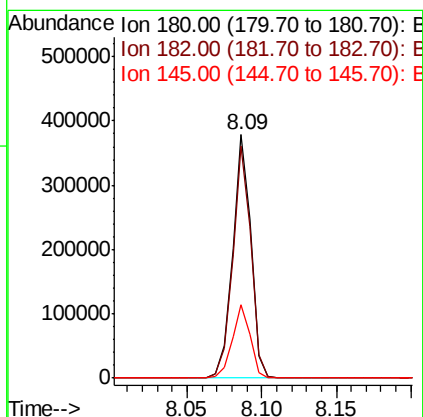
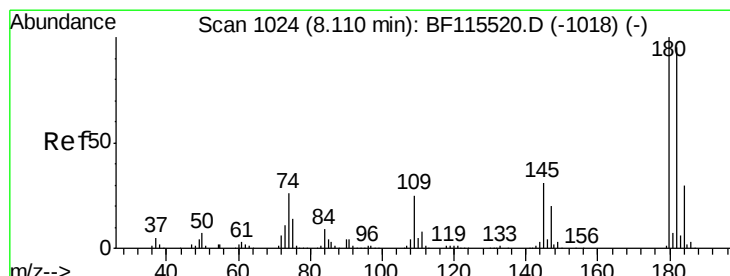
Instrument :
 BNA_F
 ClientSampleId :

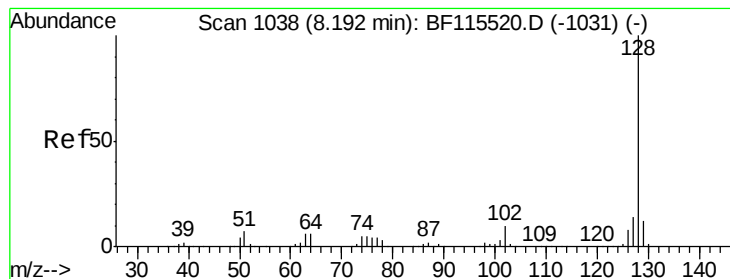
Tot Ion:162 Resp: 290988
 Ion Ratio Lower Upper
 162 100
 164 65.0 44.1 84.1
 98 35.3 12.9 52.9



#30
 1,2,4-Trichlorobenzene
 Concen: 38.554 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Tgt Ion:180 Resp: 327311
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.7 115.1
 145 30.0 23.6 35.4





#31

Naphthalene

Concen: 40.089 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

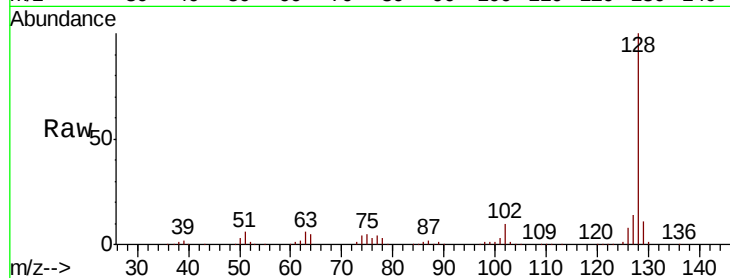
Tot Ion:128 Resp: 981464

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

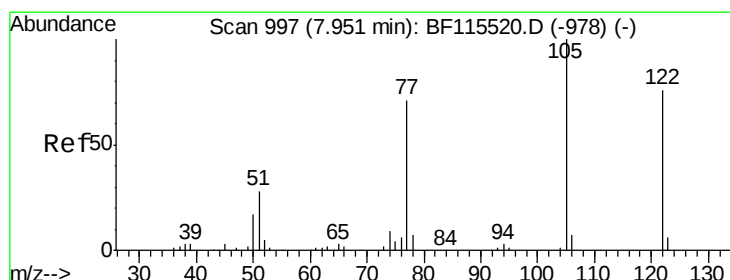
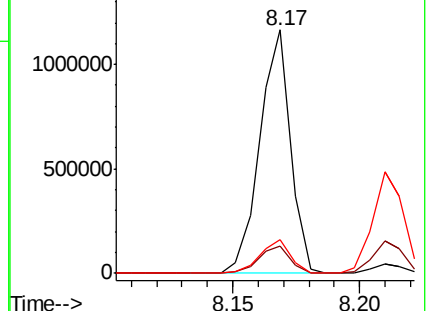
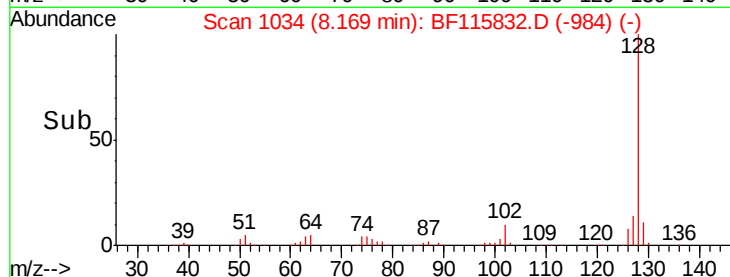
127 13.8 10.9 16.3



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: 35.092 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

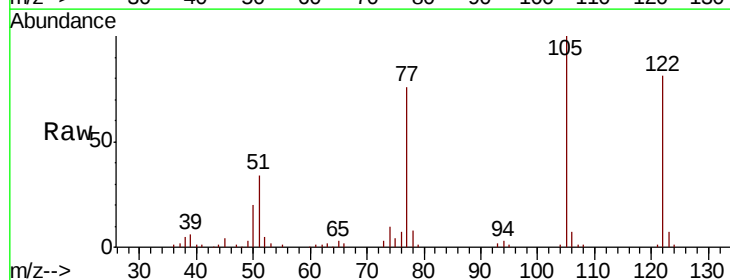
Tgt Ion:122 Resp: 207976

Ion Ratio Lower Upper

122 100

105 123.8 102.0 142.0

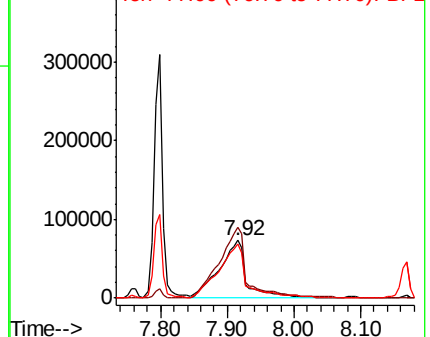
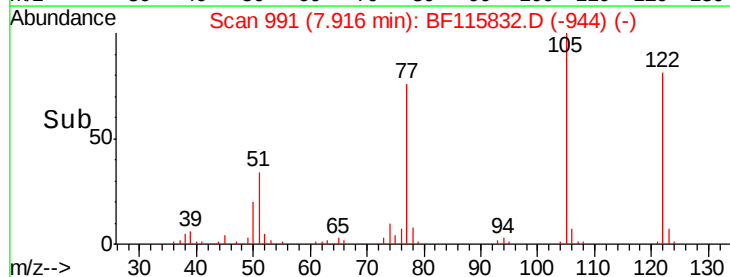
77 94.5 73.6 113.6



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

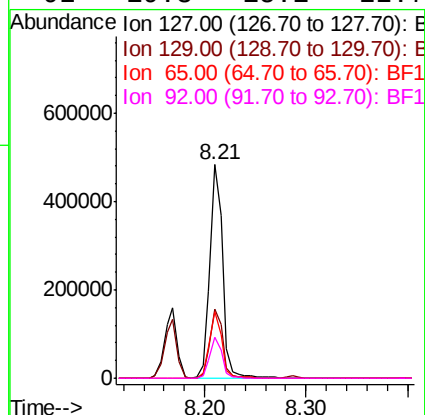
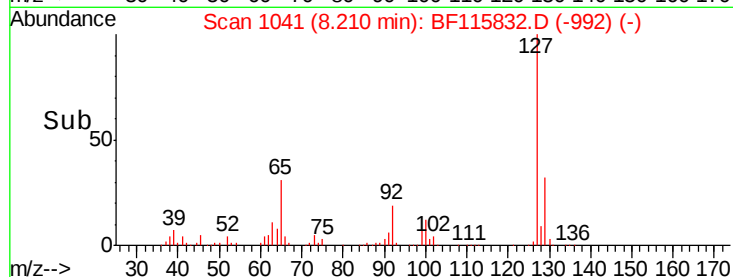
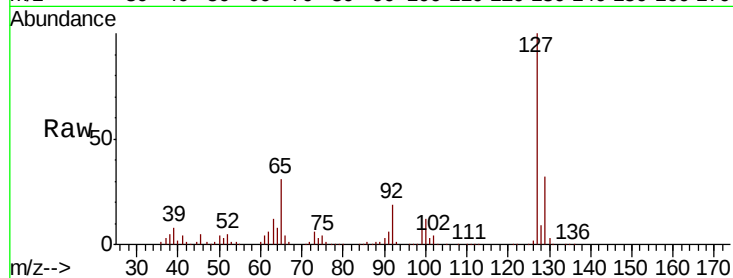




#33
4-Chloroaniline
Concen: 39.022 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

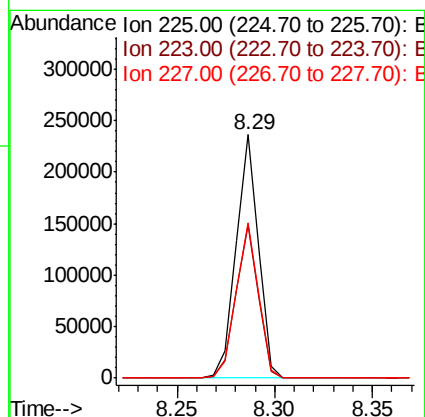
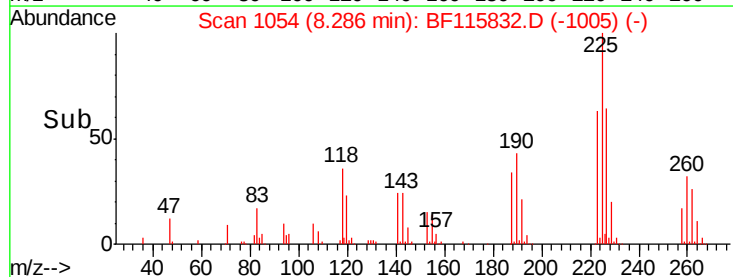
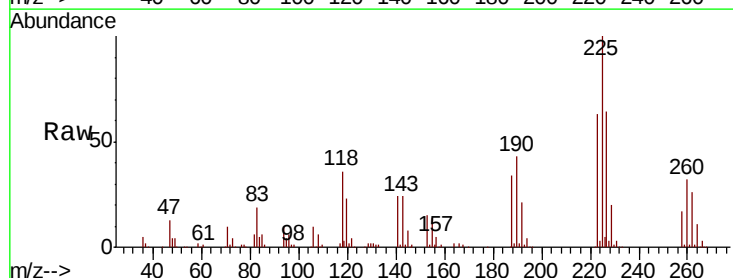
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	423172
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	31.2	23.8	35.8
92	19.3	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.522 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:	225	Resp:	187540
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	63.8	52.8	79.2

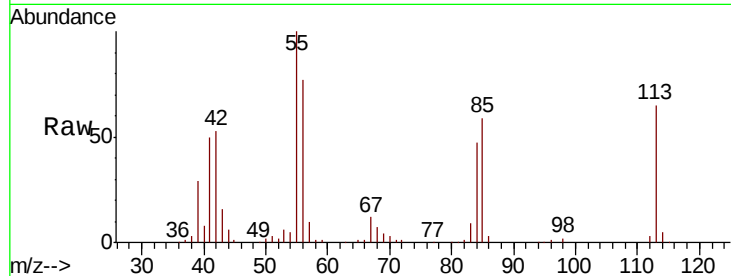




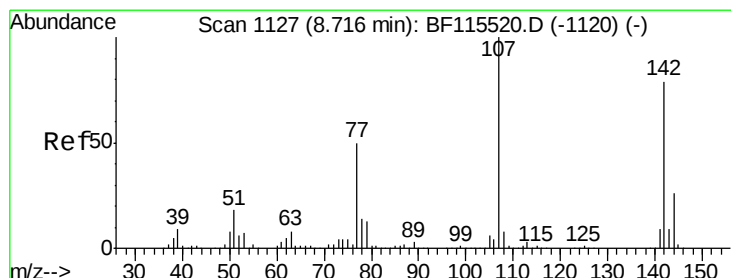
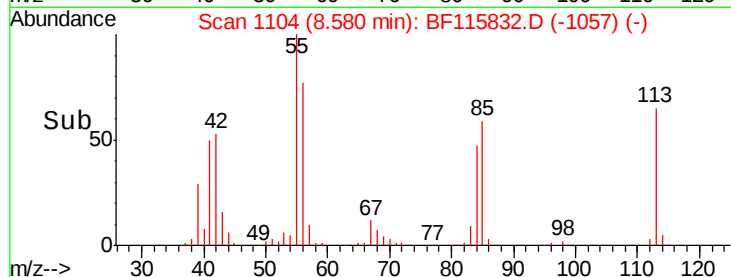
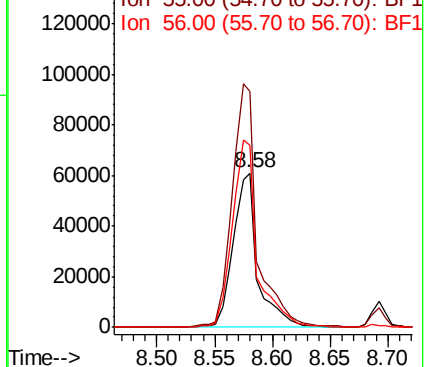
#35
Caprolactam
Concen: 38.691 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 89796
Ion Ratio Lower Upper
113 100
55 153.5 130.5 170.5
56 118.1 93.1 133.1

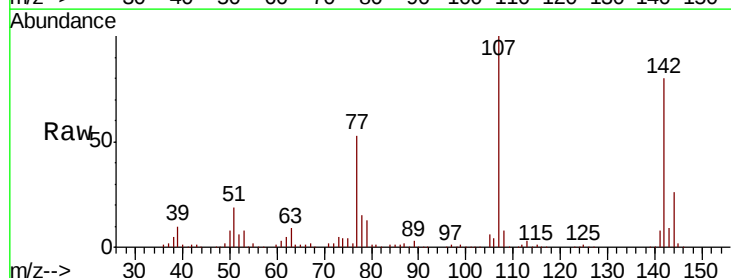


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

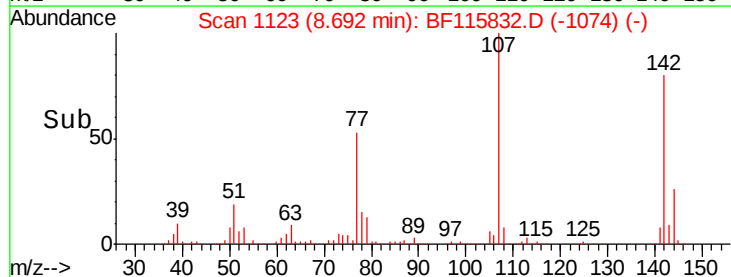
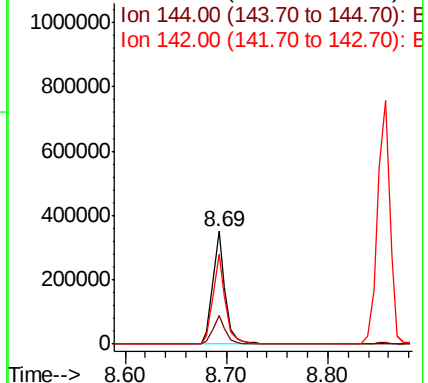


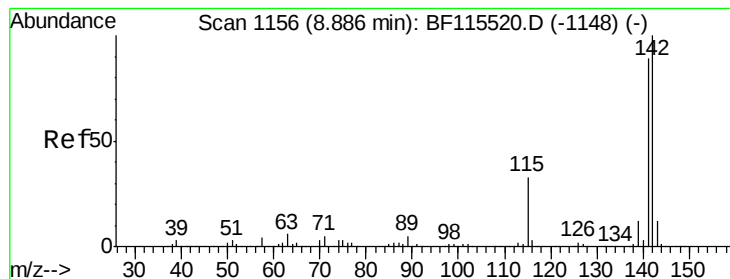
#36
4-Chloro-3-methylphenol
Concen: 38.672 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:107 Resp: 301277
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 79.5 62.3 93.5



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: 39.611 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

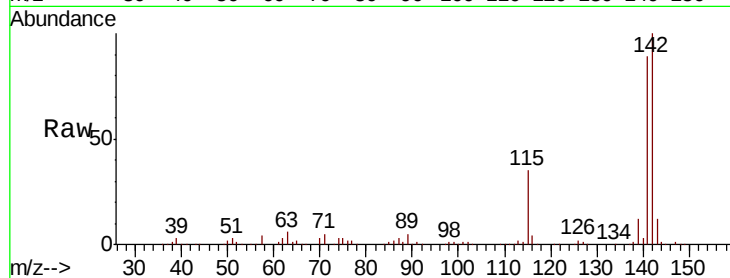
Tot Ion:142 Resp: 642827

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.4

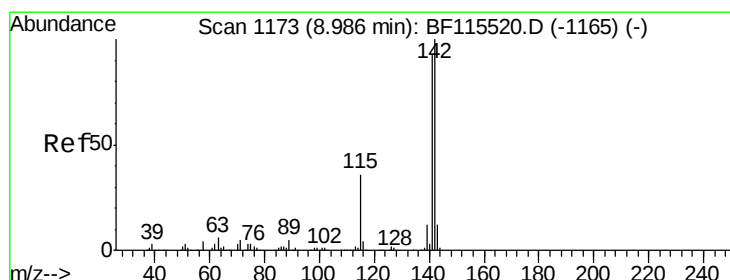
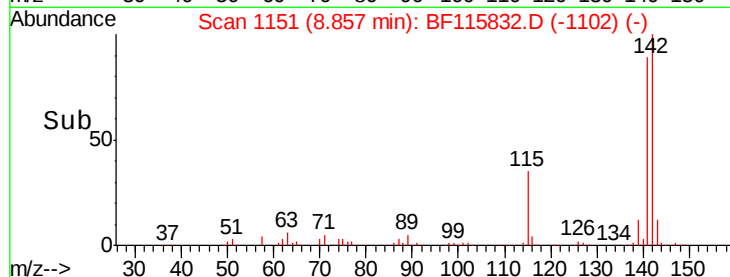
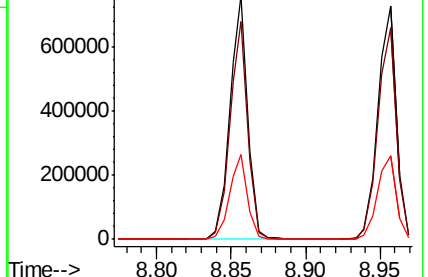
115 35.0 27.7 41.5



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: 39.721 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

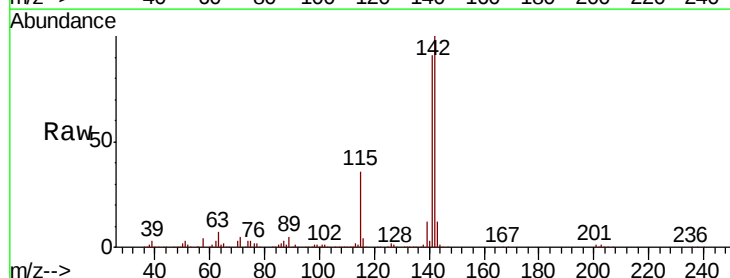
Tgt Ion:142 Resp: 612281

Ion Ratio Lower Upper

142 100

141 91.1 73.9 110.9

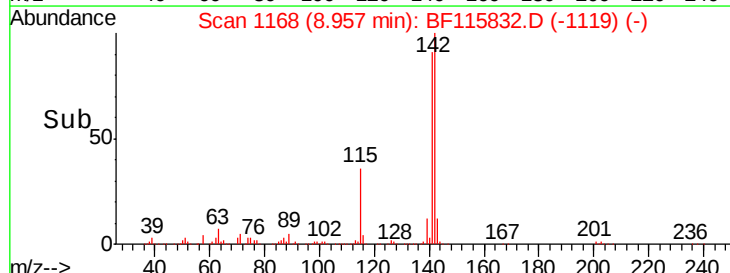
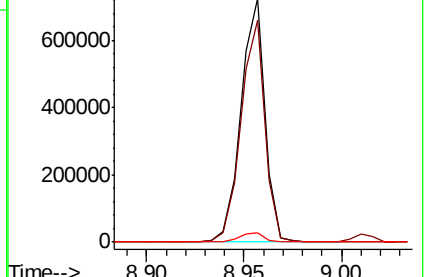
116 3.6 3.0 4.6

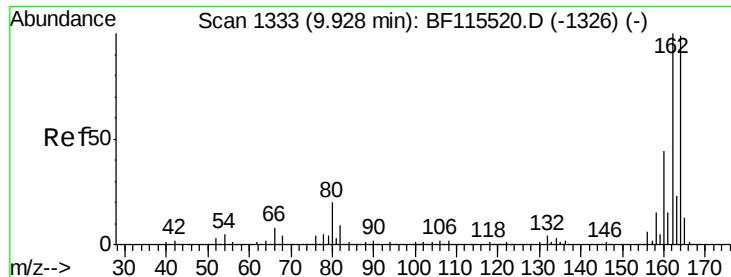


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

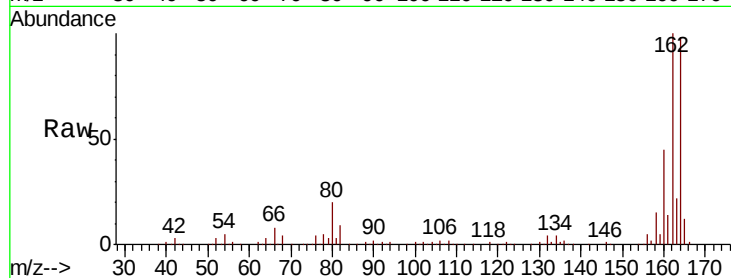
Tot Ion:164 Resp: 265258

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

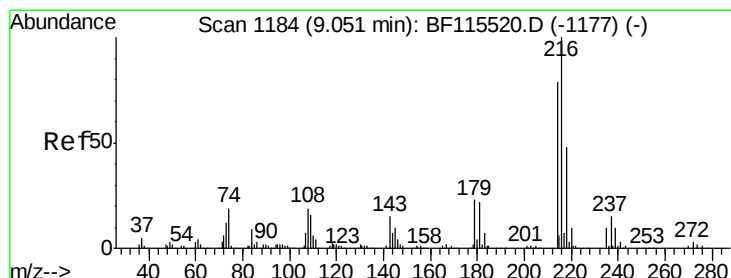
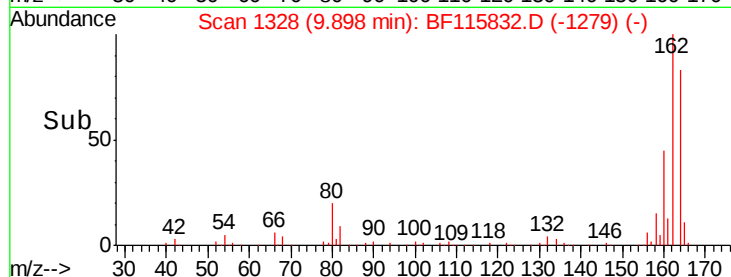
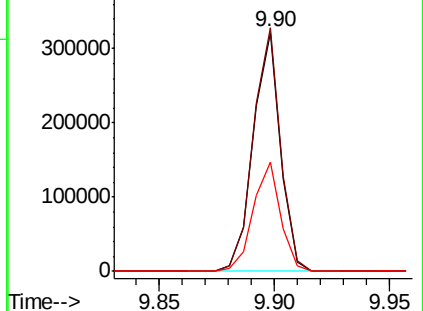
160 45.7 37.5 56.3



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: 36.270 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Tgt Ion:216 Resp: 289716

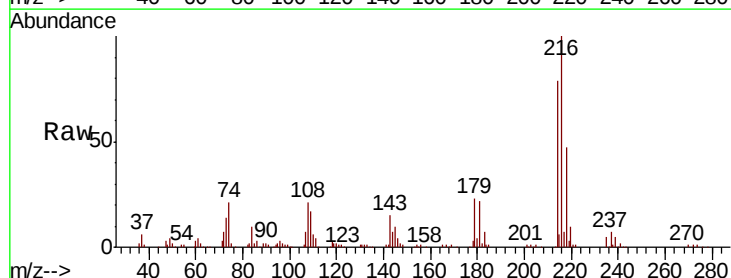
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.6

179 22.3 17.4 26.2

108 20.9 16.6 25.0

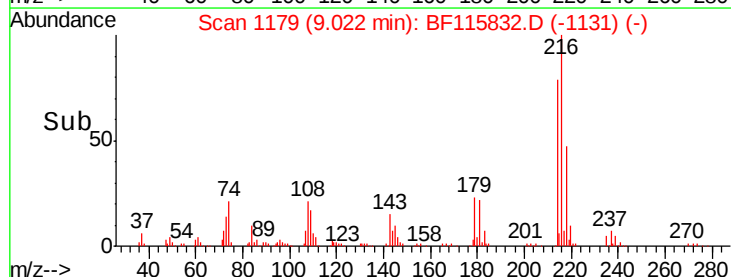
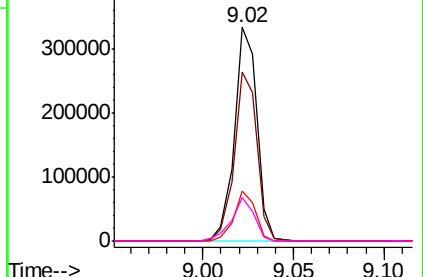


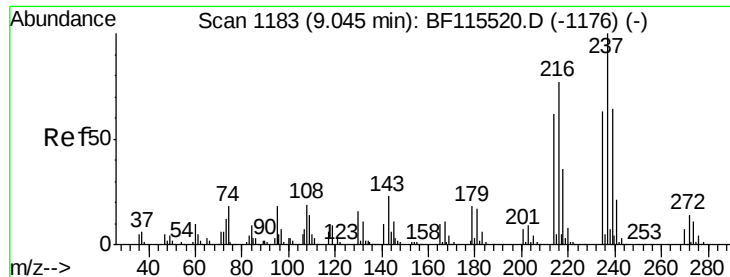
Abundance Ion 216.00 (215.70 to 216.70): E

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

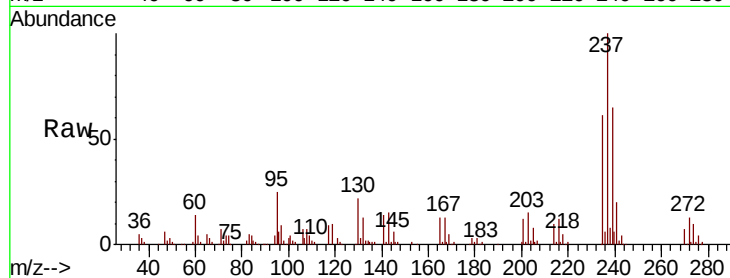




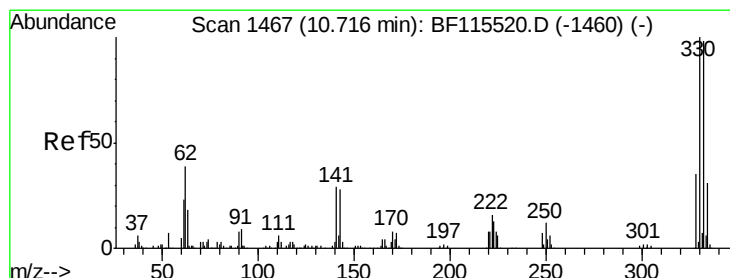
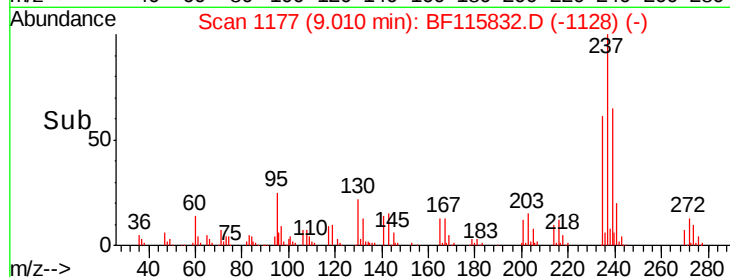
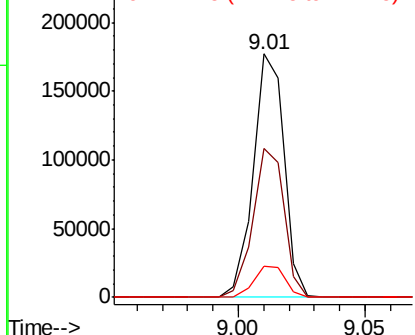
#41
Hexachlorocyclopentadiene
Concen: 32.941 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.1	44.3	84.3
272	12.7	0.0	33.0

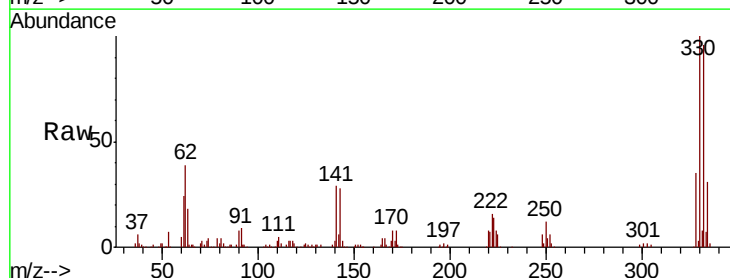


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

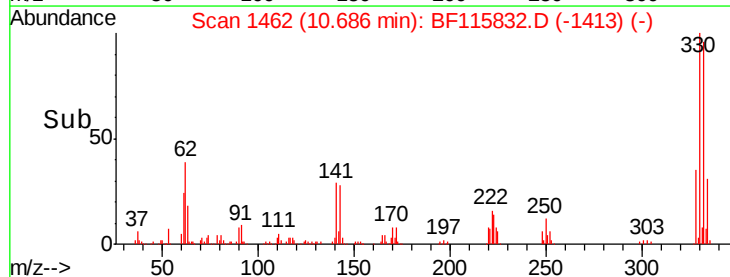
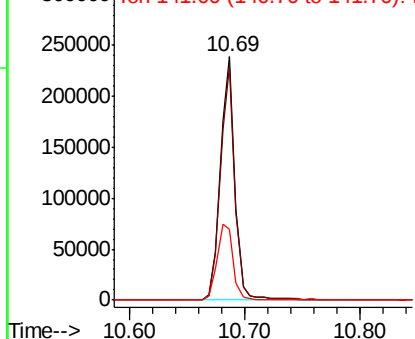


#42
2,4,6-Tribromophenol
Concen: 67.600 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	34.4	25.9	38.9



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

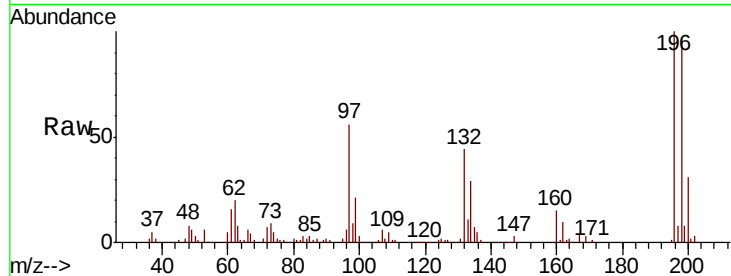




#43
 2,4,6-Trichlorophenol
 Concen: 32.932 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.8	119.6
200	31.1	25.4	38.0

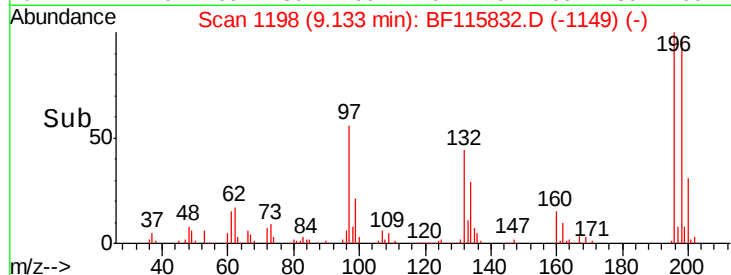
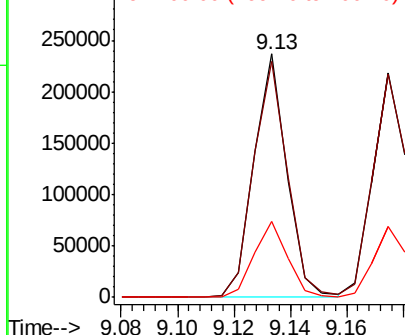


Abundance

Ion 196.00 (195.70 to 196.70): E

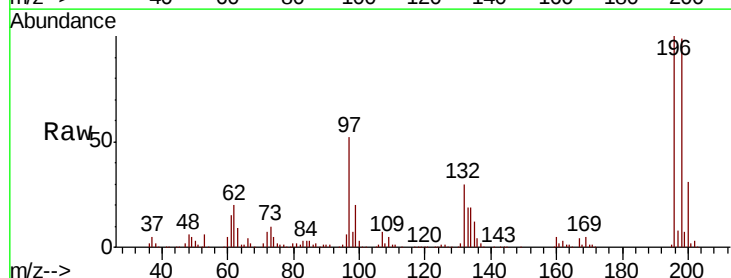
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.063 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	78.2	117.2
97	51.9	41.9	62.9
132	30.2	24.1	36.1



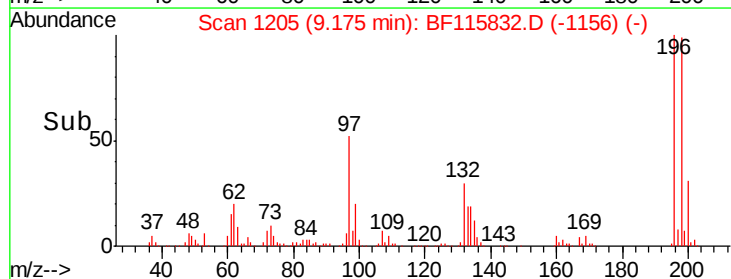
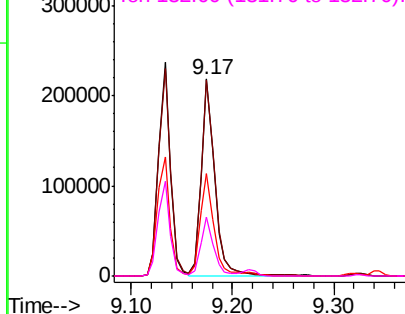
Abundance

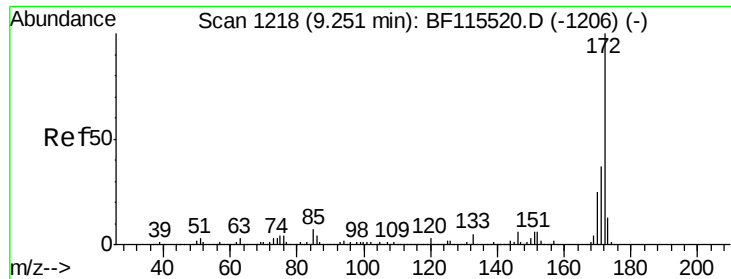
Ion 196.00 (195.70 to 196.70): E

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

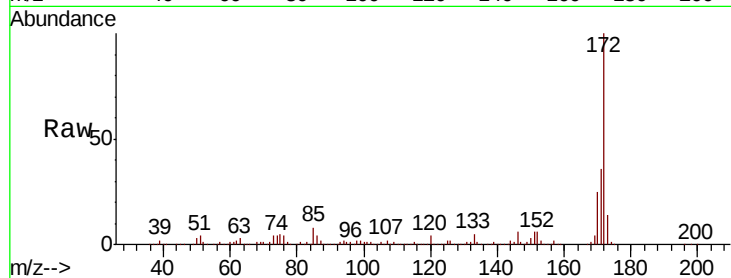




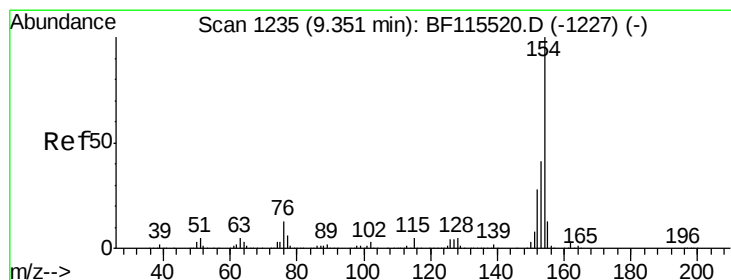
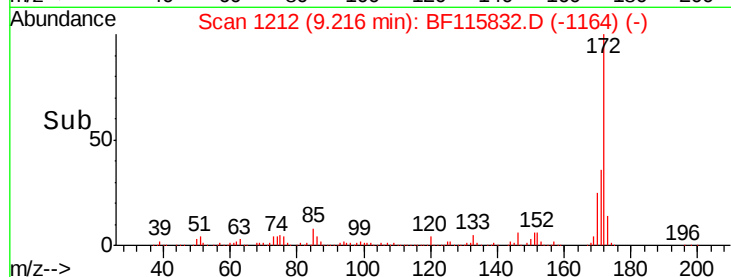
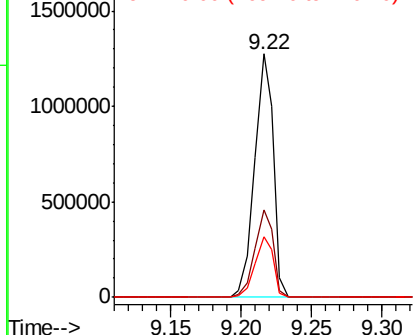
#45
2-Fluorobiphenyl
Concen: 78.439 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1188756
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.9 20.1 30.1

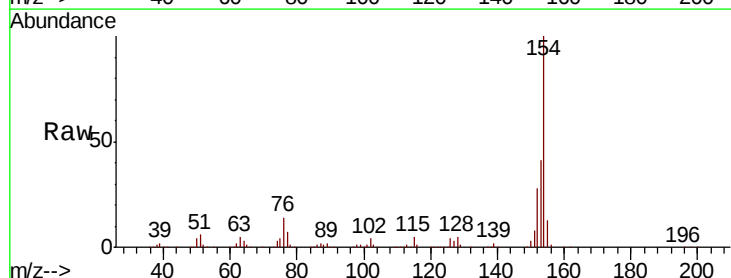


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

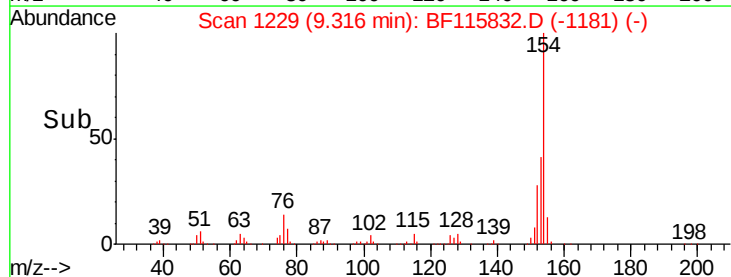
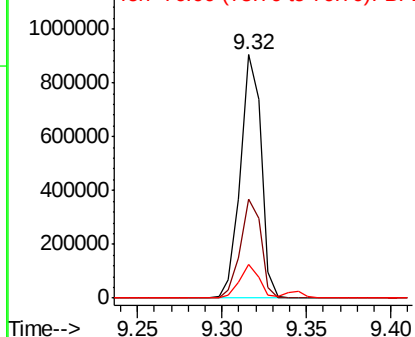


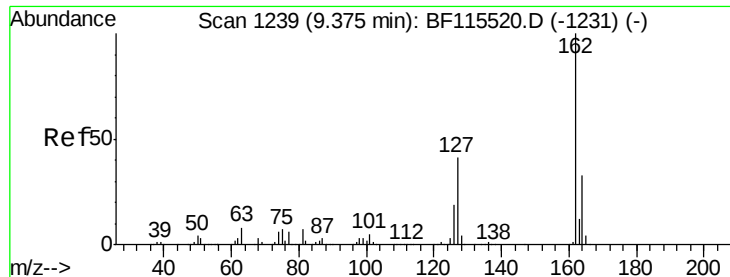
#46
1,1'-Biphenyl
Concen: 37.332 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:154 Resp: 774185
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 14.0 0.0 33.2



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

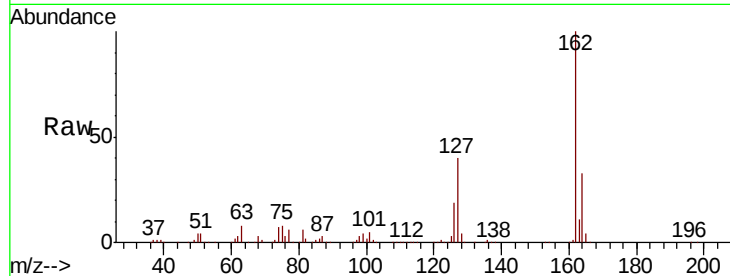




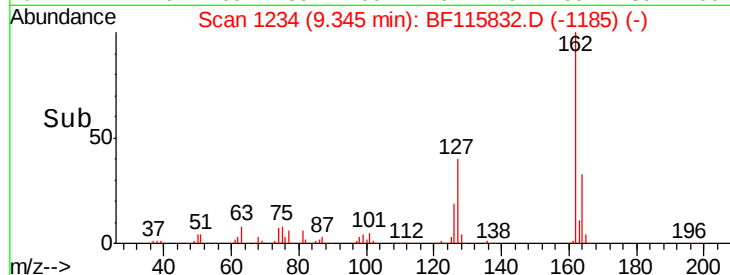
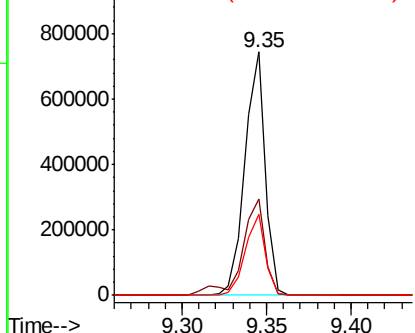
#47
2-Chloronaphthalene
Concen: 36.096 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.1	48.1
164	33.2	26.2	39.4

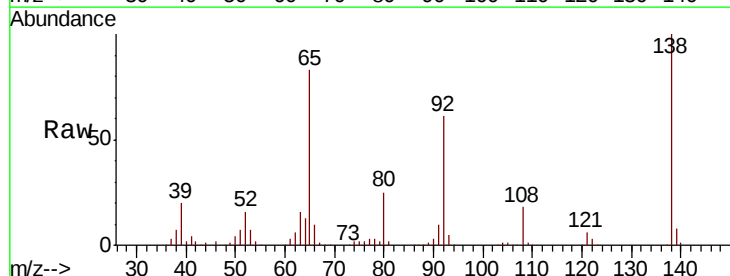


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

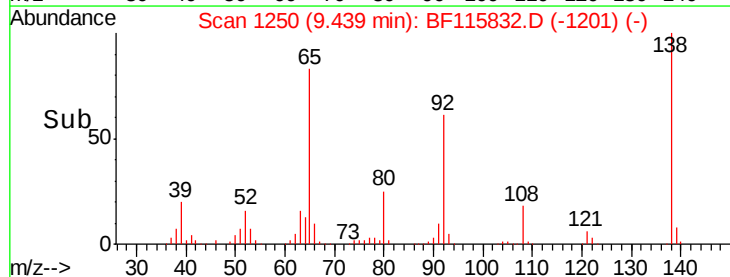
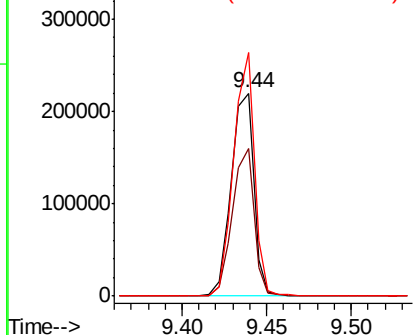


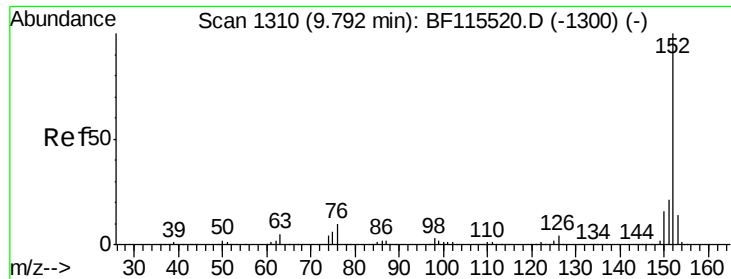
#48
2-Nitroaniline
Concen: 38.258 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	56.9	85.3
138	120.1	91.4	137.2



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: 37.192 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampled :

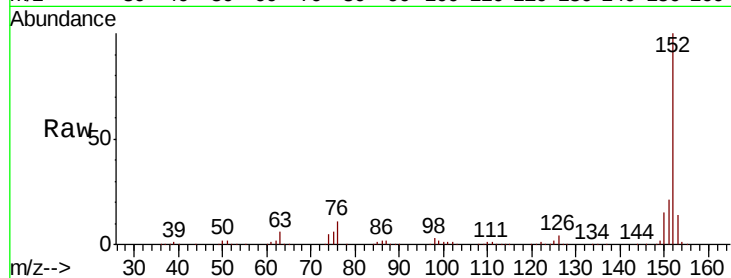
Tot Ion:152 Resp: 951578

Ion Ratio Lower Upper

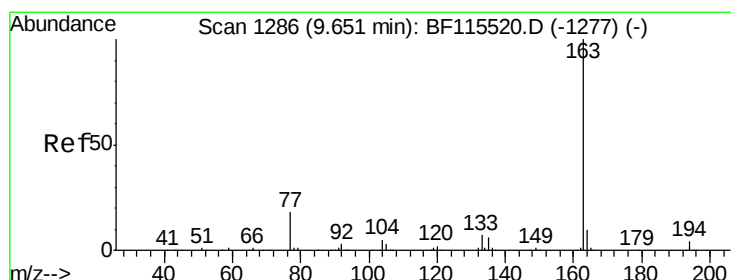
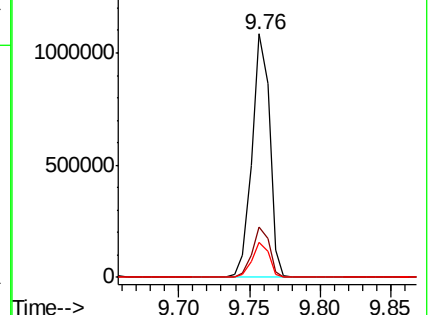
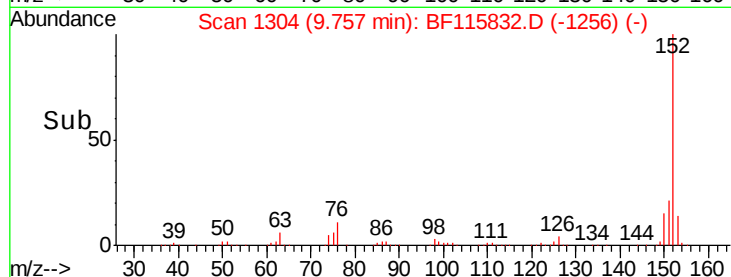
152 100

151 20.9 16.9 25.3

153 14.2 11.5 17.3



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: 35.274 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

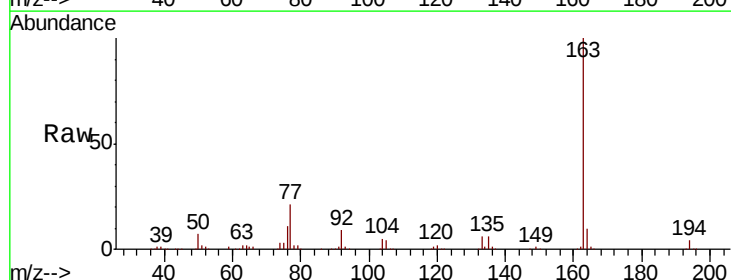
Tgt Ion:163 Resp: 703966

Ion Ratio Lower Upper

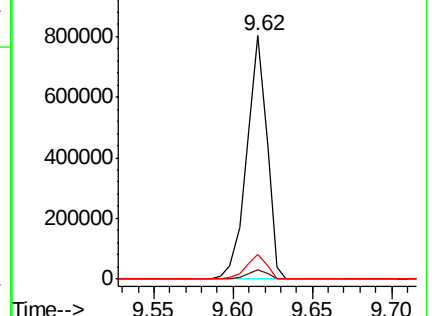
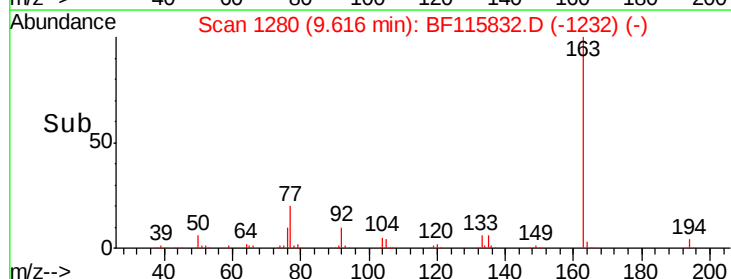
163 100

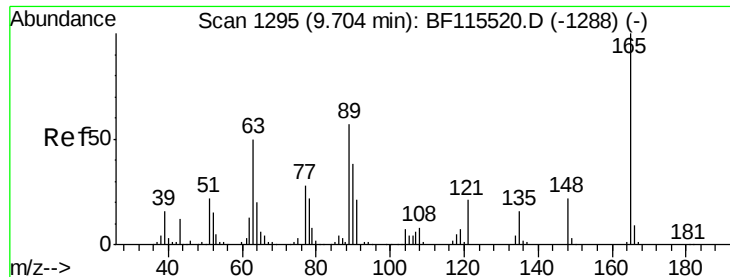
194 3.7 3.2 4.8

164 10.3 8.3 12.5



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: 34.906 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampled :

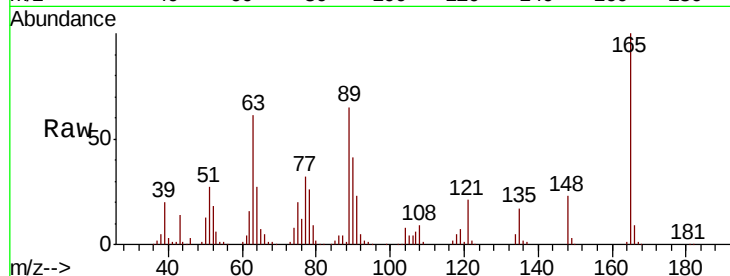
Tot Ion:165 Resp: 158311

Ion Ratio Lower Upper

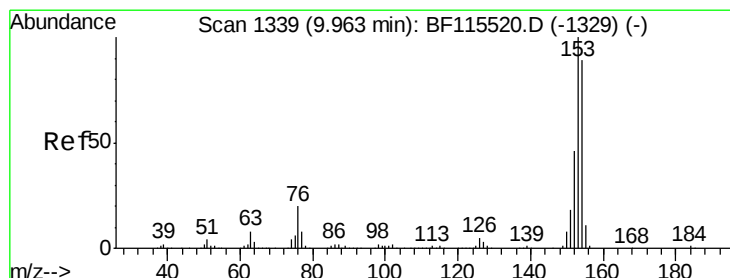
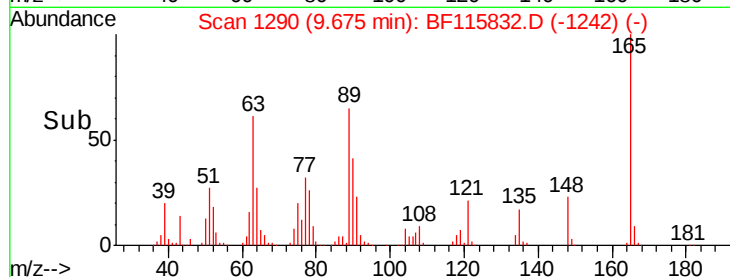
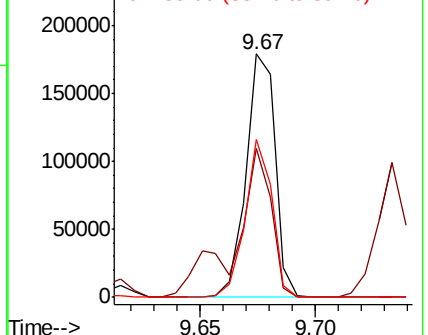
165 100

63 61.1 43.5 65.3

89 64.7 46.3 69.5



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: 34.823 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

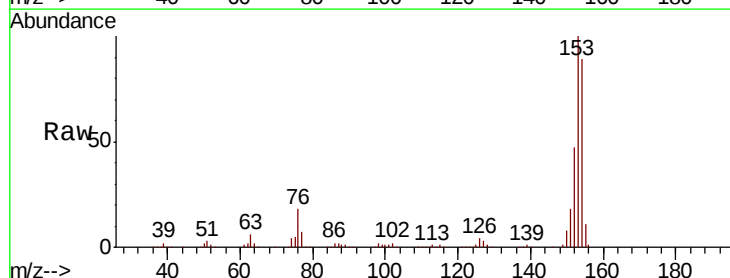
Tgt Ion:154 Resp: 575222

Ion Ratio Lower Upper

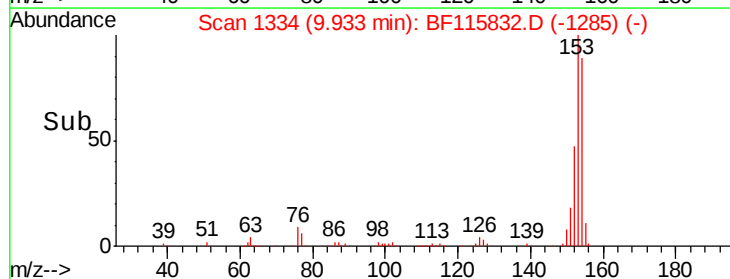
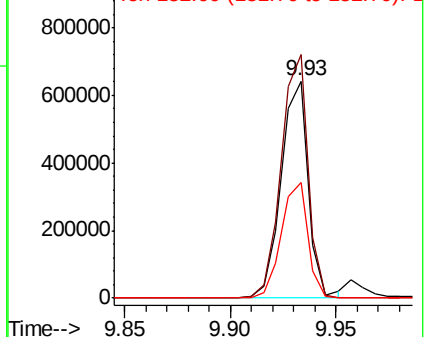
154 100

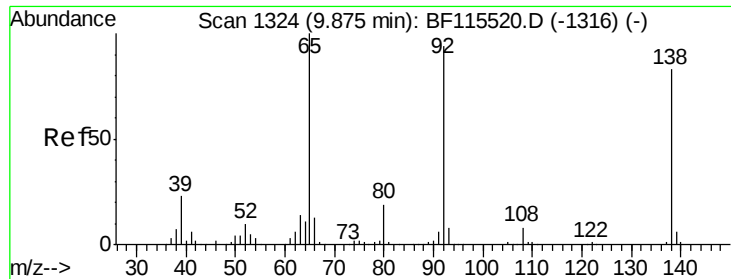
153 112.2 88.1 132.1

152 53.2 42.0 63.0



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

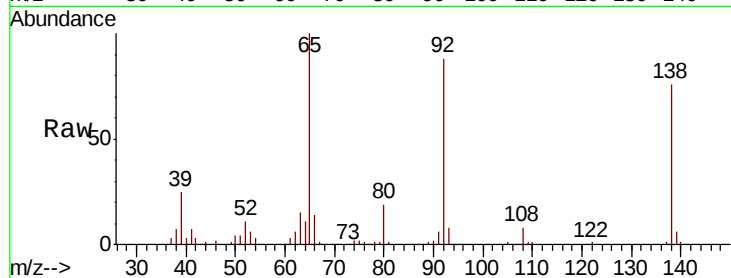




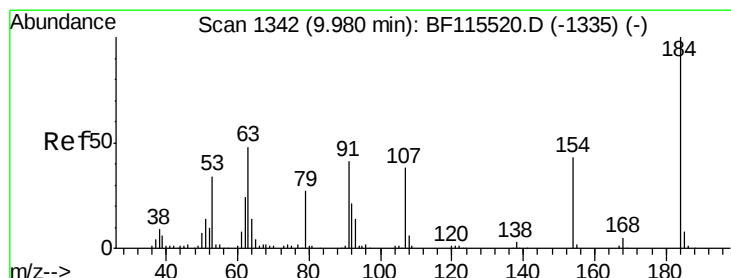
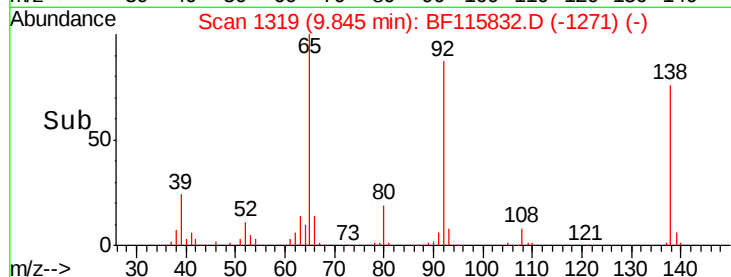
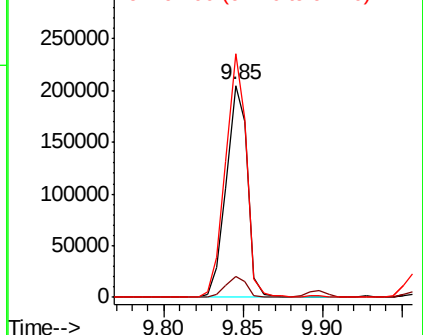
#53
3-Nitroaniline
Concen: 36.818 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 190823
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 115.0 87.2 130.8

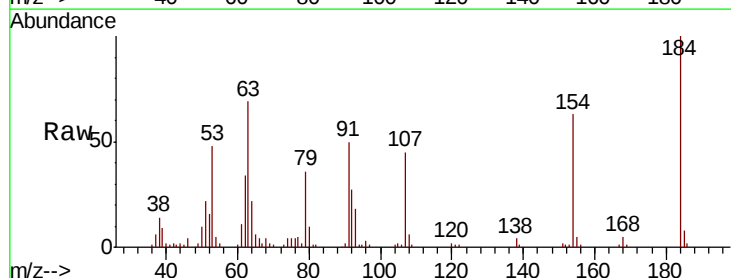


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

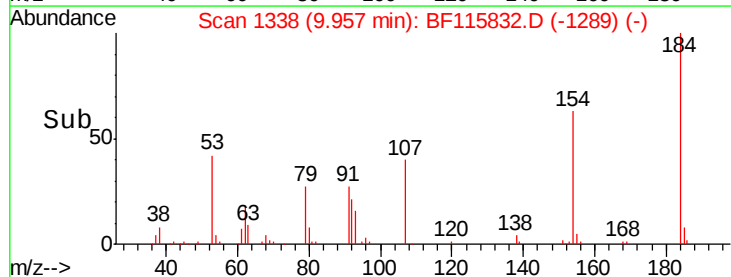
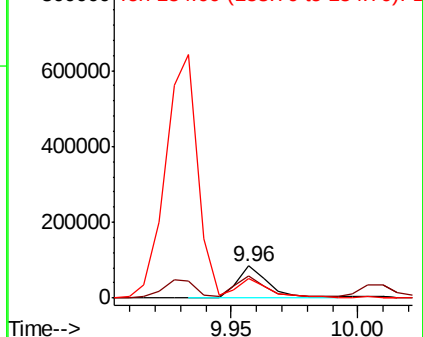


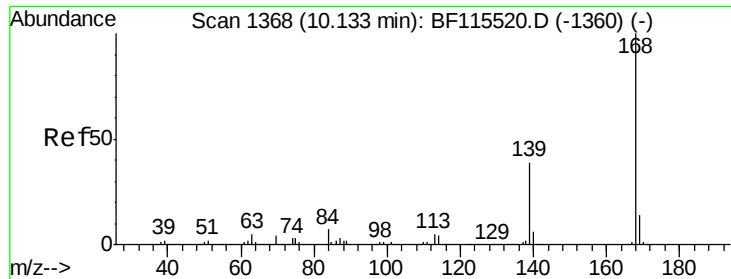
#54
2,4-Dinitrophenol
Concen: 32.448 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:184 Resp: 75558
Ion Ratio Lower Upper
184 100
63 69.5 55.2 82.8
154 63.3 51.4 77.0



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

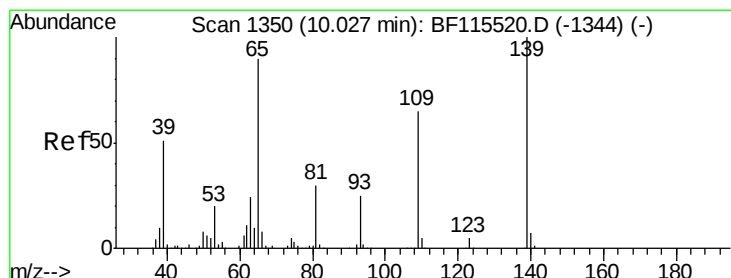
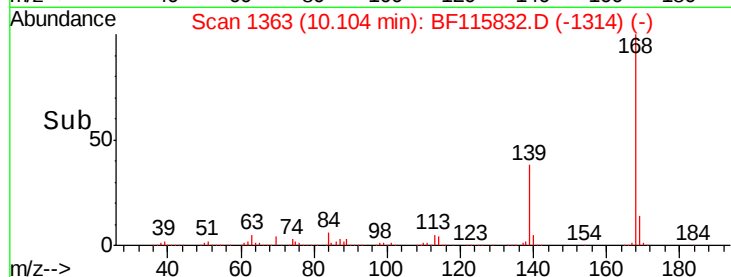
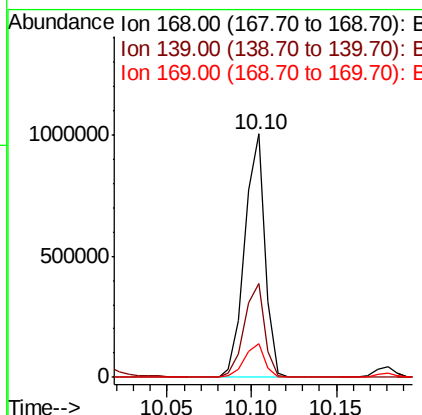
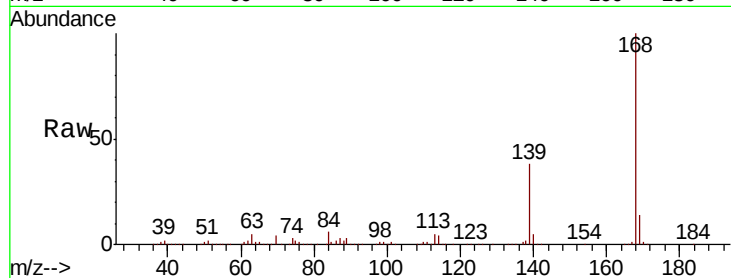




#55
Dibenzenofuran
Concen: 35.911 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

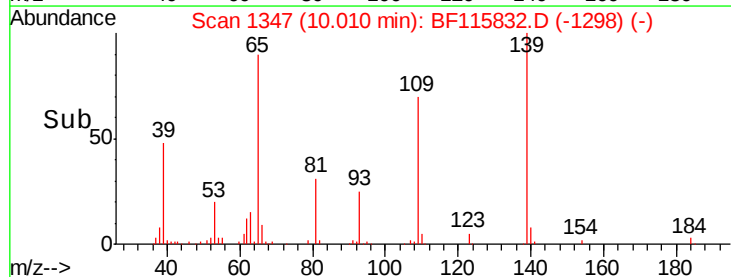
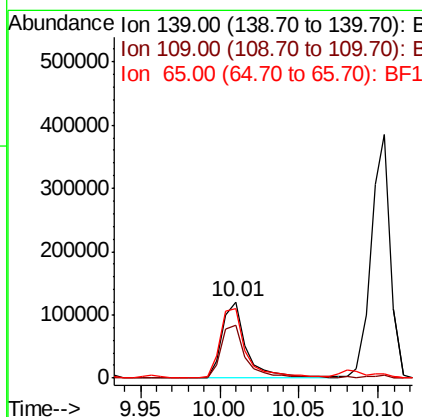
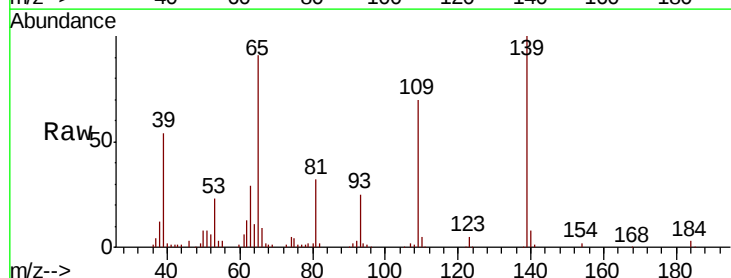
Instrument :
BNA_F
ClientSampleId :

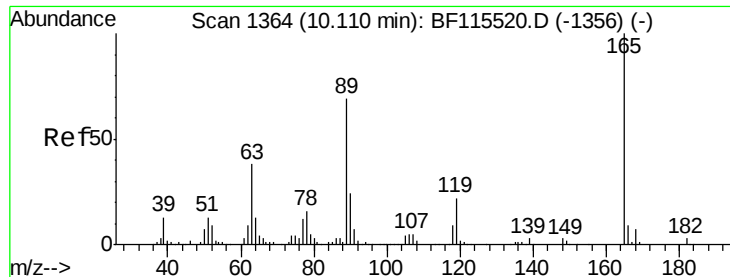
Tot Ion:168 Resp: 842424
Ion Ratio Lower Upper
168 100
139 38.3 31.4 47.2
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 32.504 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:139 Resp: 128463
Ion Ratio Lower Upper
139 100
109 70.2 51.2 91.2
65 91.1 76.0 116.0

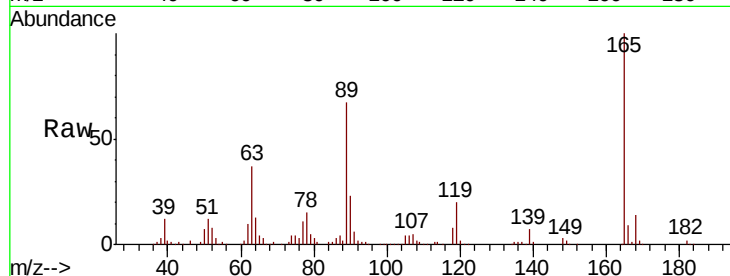




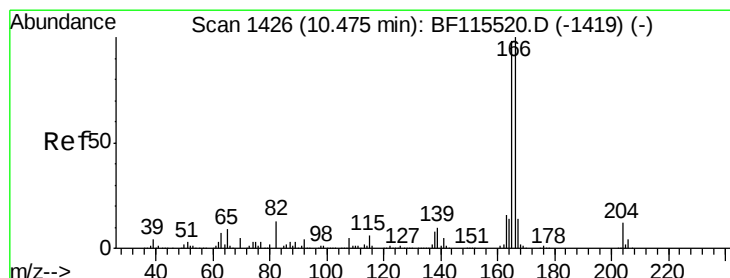
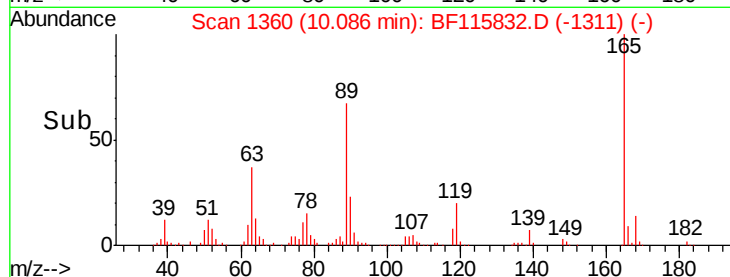
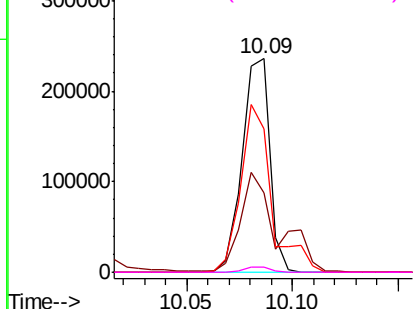
#57
2,4-Dinitrotoluene
Concen: 36.342 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	33.4	50.2
89	67.0	57.3	85.9
182	2.5	2.1	3.1

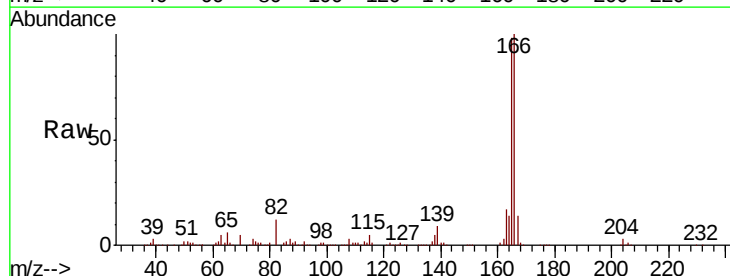


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

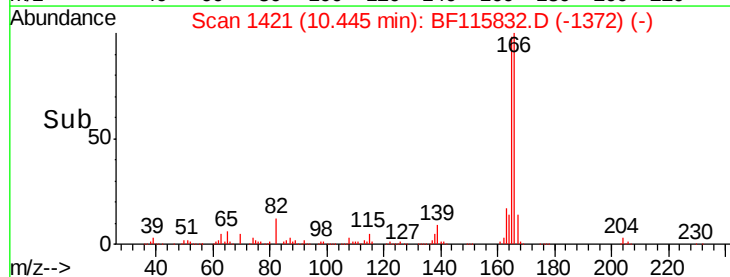
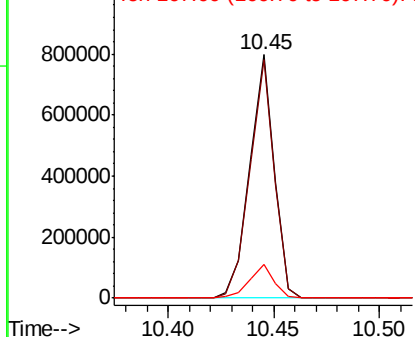


#58
Fluorene
Concen: 38.464 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.8	11.0	16.6



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.289 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 171472

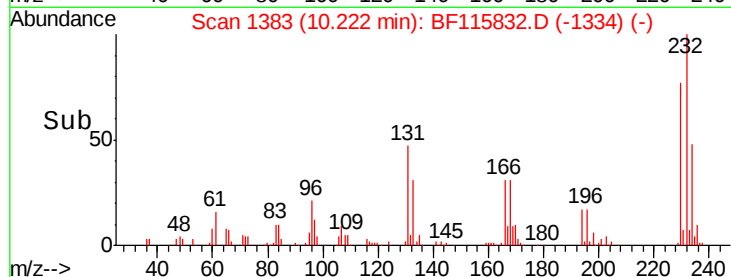
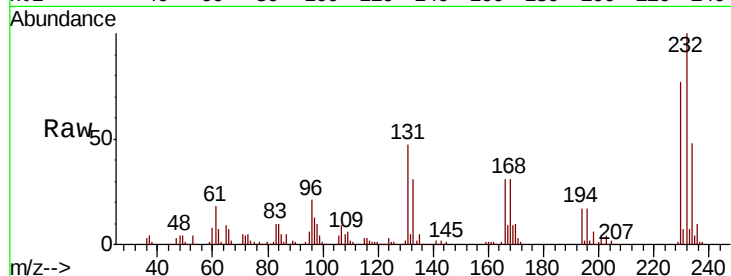
Ion Ratio Lower Upper

232 100

131 45.8 35.8 53.8

130 2.3 1.8 2.6

166 30.0 23.6 35.4

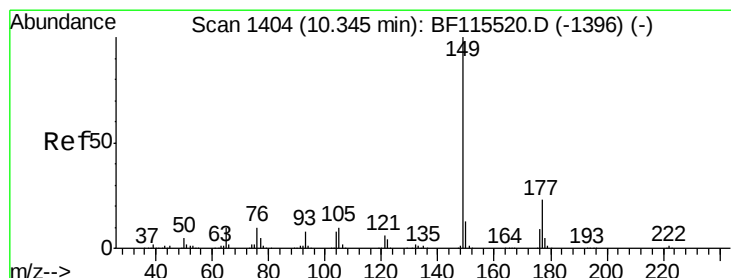
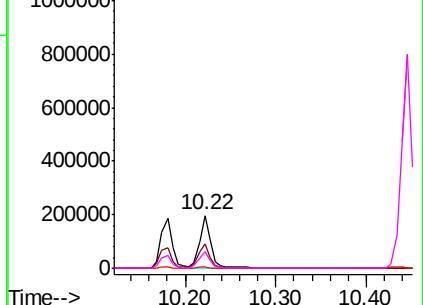


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.808 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

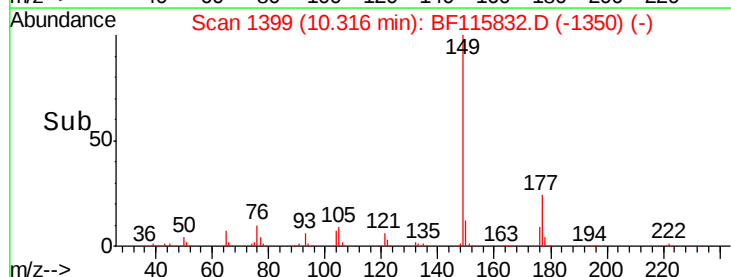
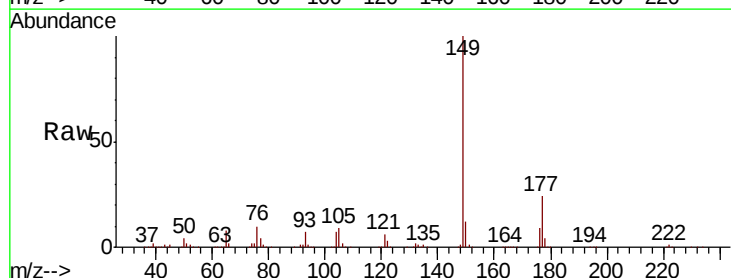
Tgt Ion:149 Resp: 669568

Ion Ratio Lower Upper

149 100

177 24.1 19.0 28.4

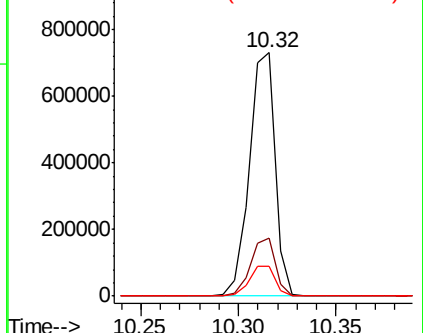
150 12.5 10.5 15.7

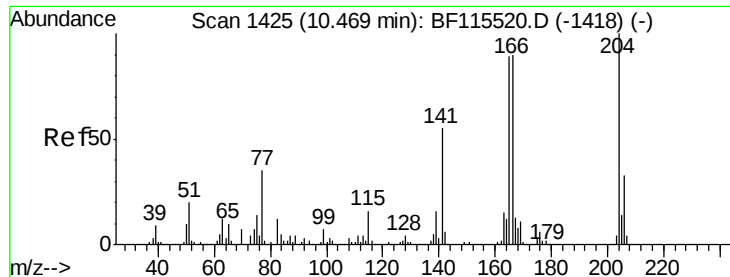


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

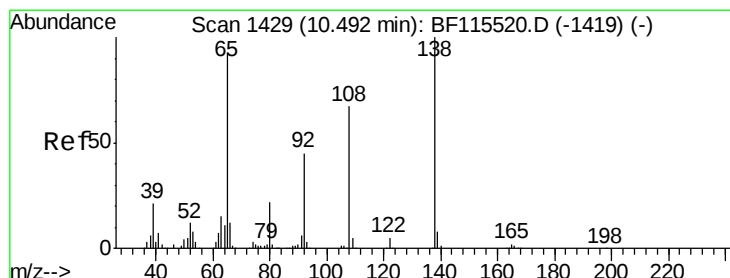
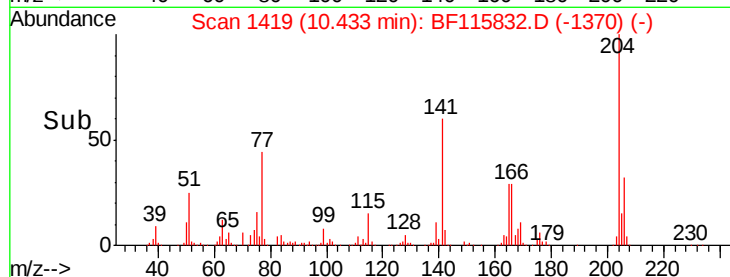
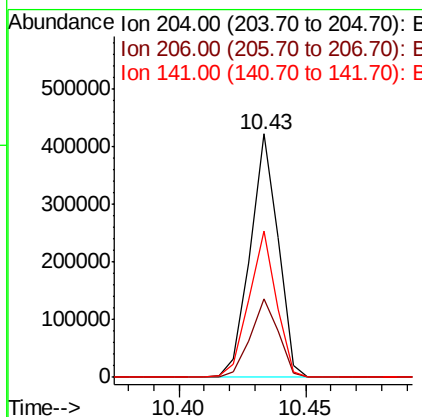
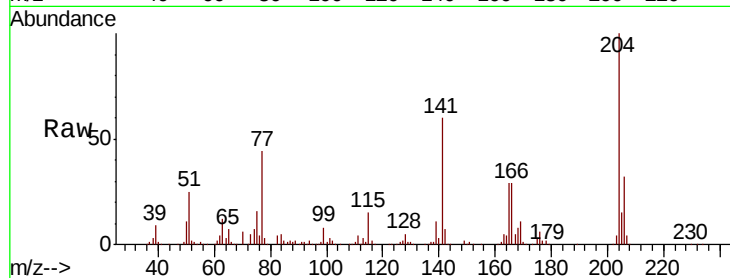




#61
4-Chlorophenyl-phenylether
Concen: 34.844 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

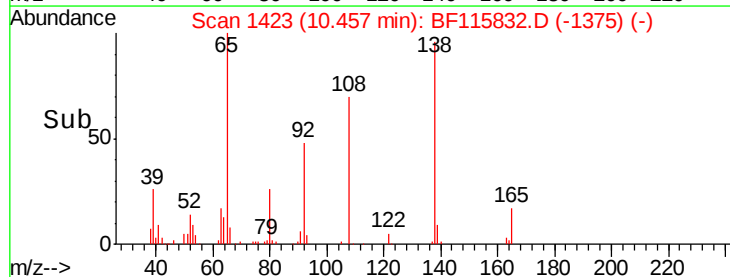
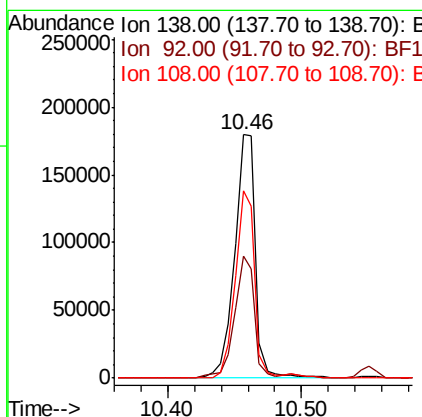
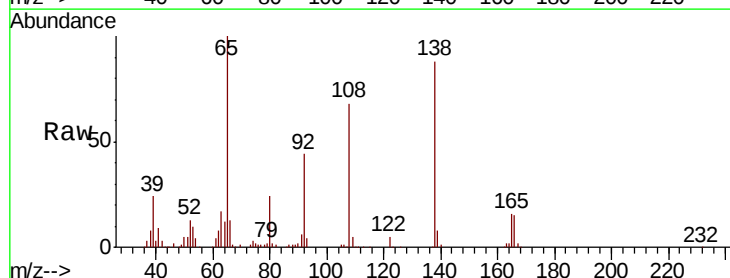
Instrument :
BNA_F
ClientSampleId :

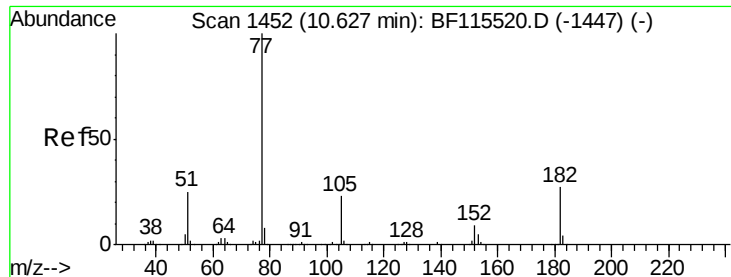
Tot Ion:204 Resp: 324048
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 60.0 47.3 70.9



#62
4-Nitroaniline
Concen: 39.693 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:138 Resp: 197331
Ion Ratio Lower Upper
138 100
92 50.3 30.3 70.3
108 76.9 55.0 95.0

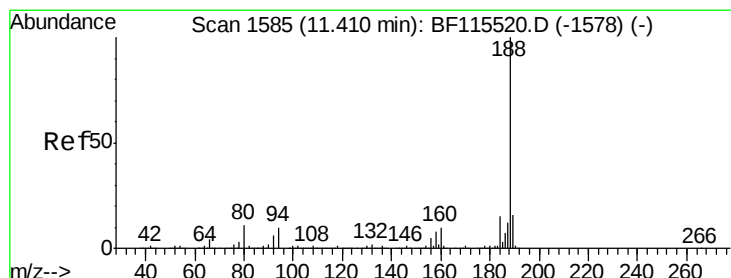
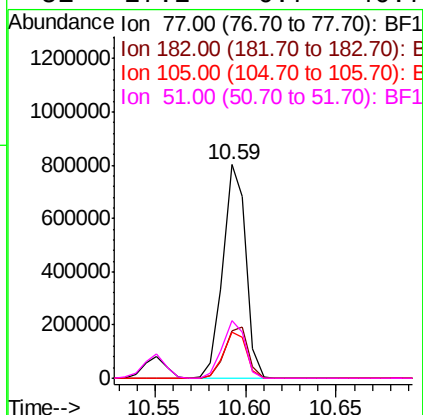
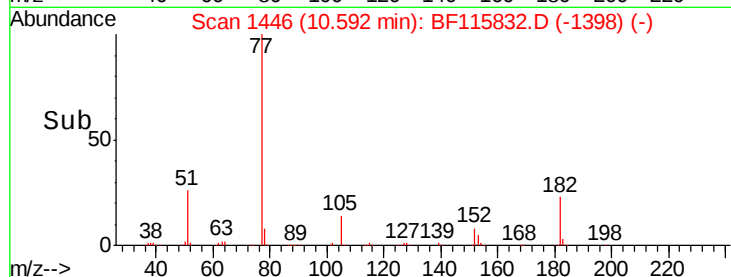
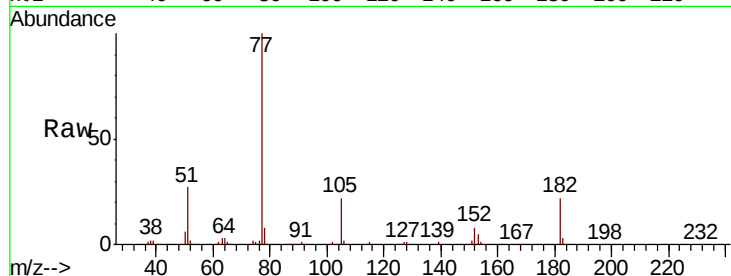




#63
Azobenzene
Concen: 38.819 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

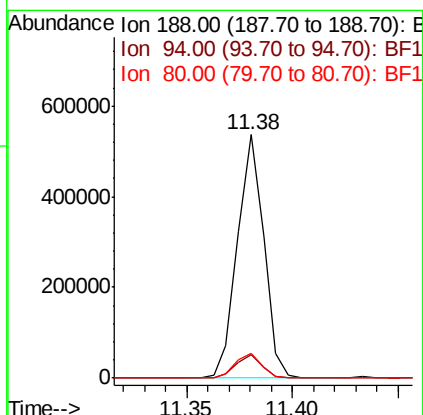
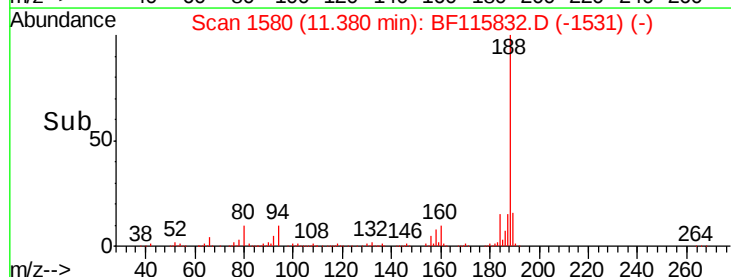
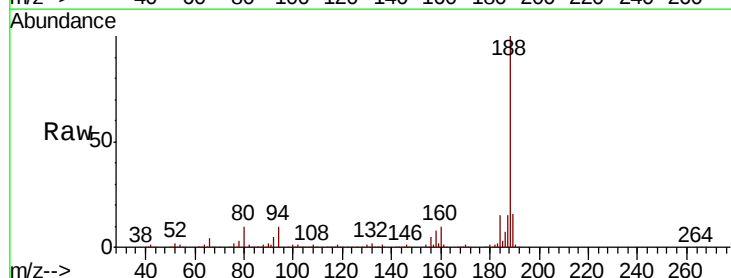
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	704074
Ion	Ratio	Lower	Upper
77	100		
182	22.4	6.9	46.9
105	21.8	3.1	43.1
51	27.2	6.7	46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:	188	Resp:	462434
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.2	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 36.398 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

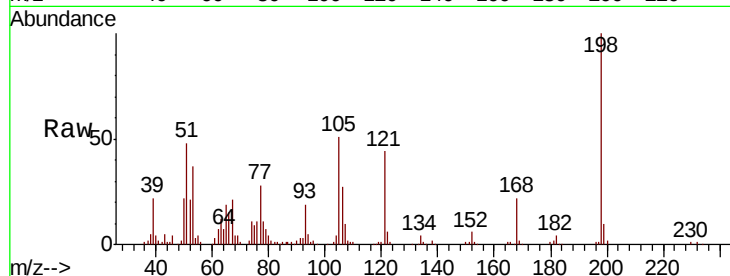
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 102836

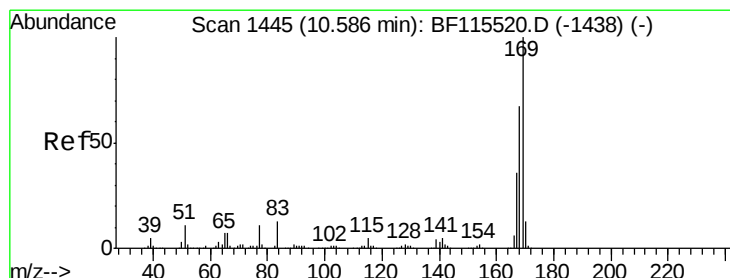
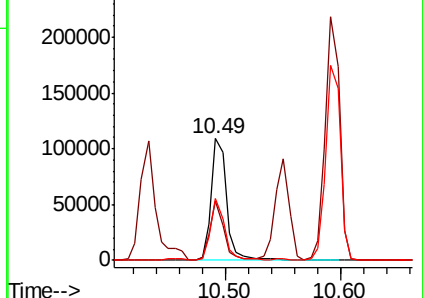
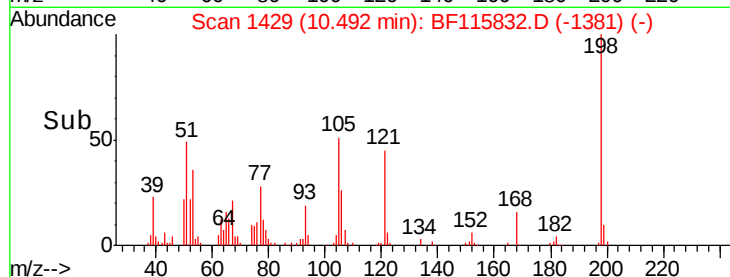
Ion	Ratio	Lower	Upper
198	100		
51	48.3	20.3	60.3
105	50.5	24.7	64.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.644 ng

RT: 10.55 min Scan# 1439

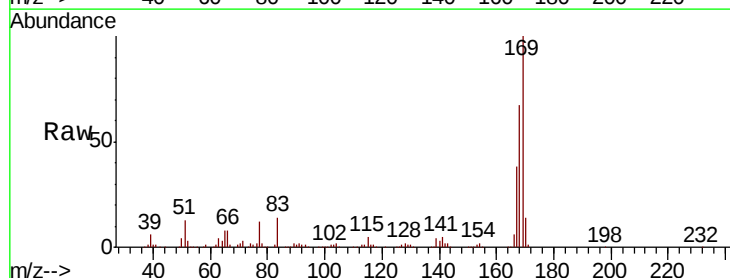
Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Tgt Ion:169 Resp: 570271

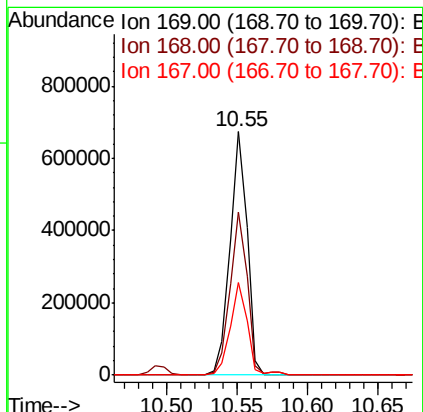
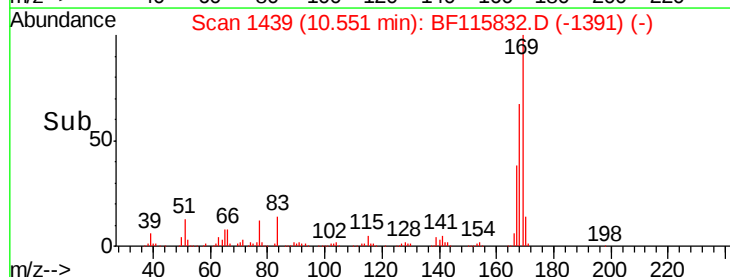
Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.0
167	38.0	29.1	43.7

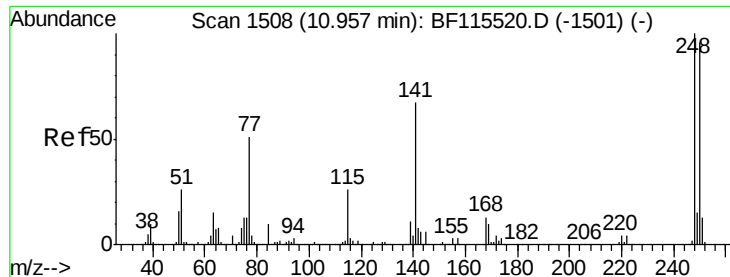


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

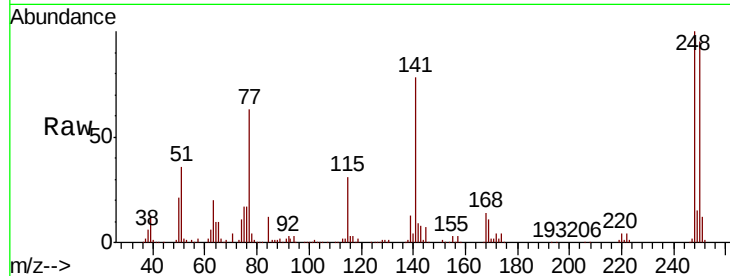




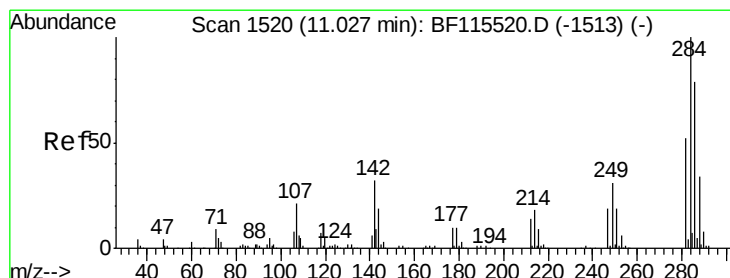
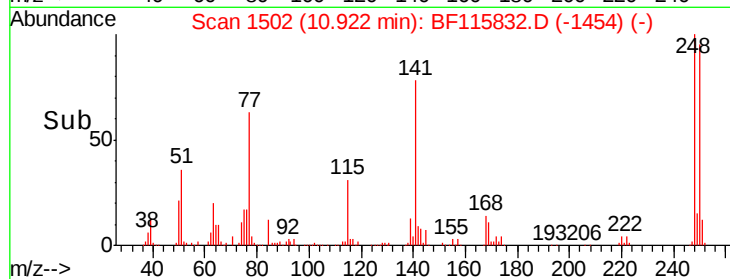
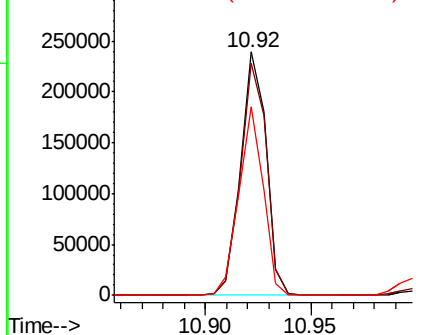
#67
 4-Bromophenyl-phenylether
 Concen: 37.834 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 199935
 Ion Ratio Lower Upper
 248 100
 250 95.2 77.0 115.4
 141 77.5 52.1 78.1

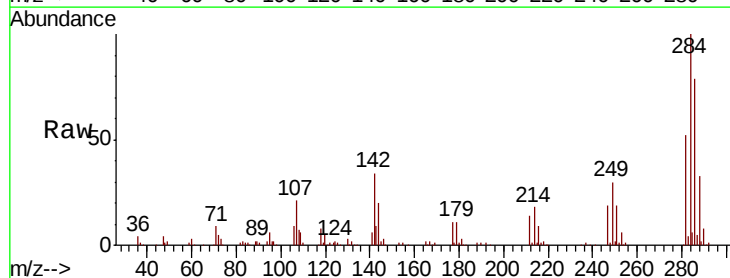


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

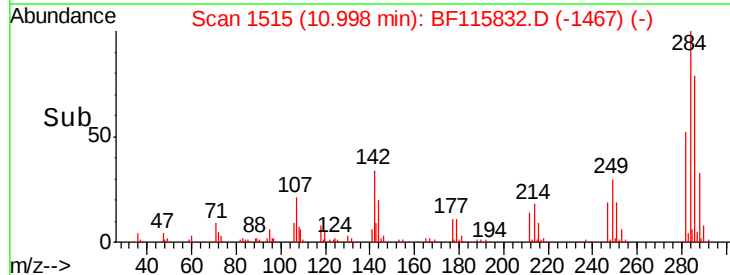
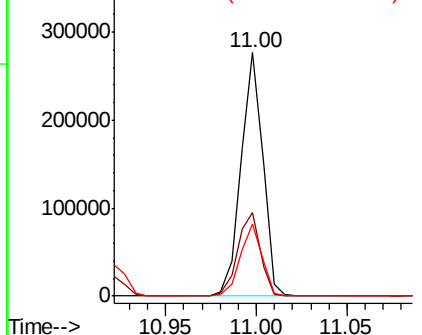


#68
 Hexachlorobenzene
 Concen: 38.107 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.02 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Tgt Ion:284 Resp: 229972
 Ion Ratio Lower Upper
 284 100
 142 34.3 21.8 32.8#
 249 29.8 23.1 34.7



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: 32.260 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampled :

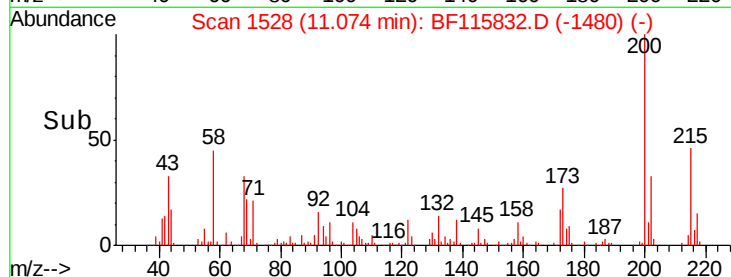
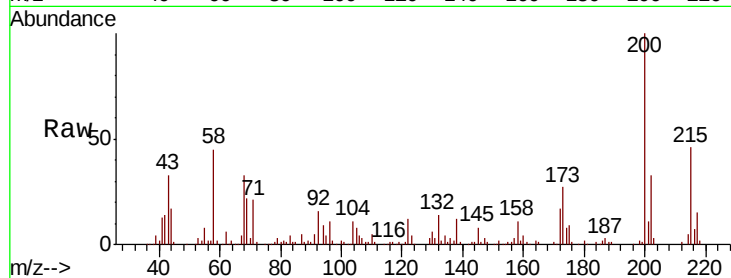
Tot Ion:200 Resp: 152234

Ion Ratio Lower Upper

200 100

173 27.0 6.9 46.9

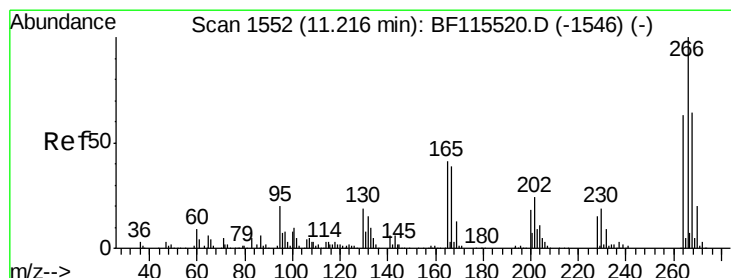
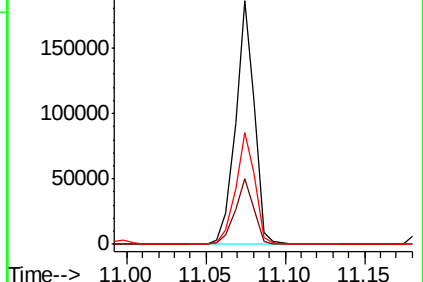
215 45.9 26.6 66.6



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: 37.591 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

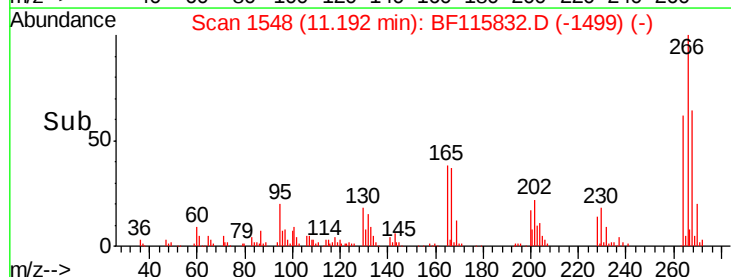
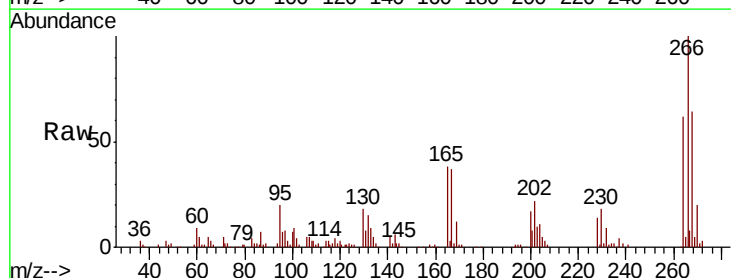
Tgt Ion:266 Resp: 138751

Ion Ratio Lower Upper

266 100

268 64.1 51.2 76.8

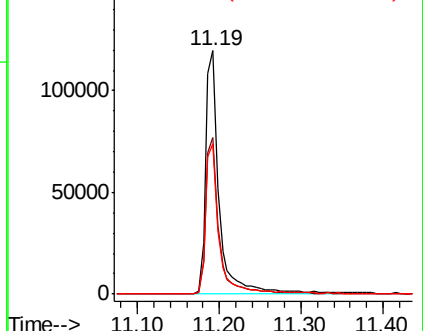
264 61.7 50.0 75.0

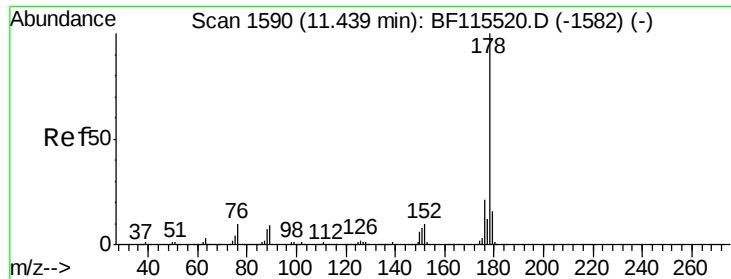


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

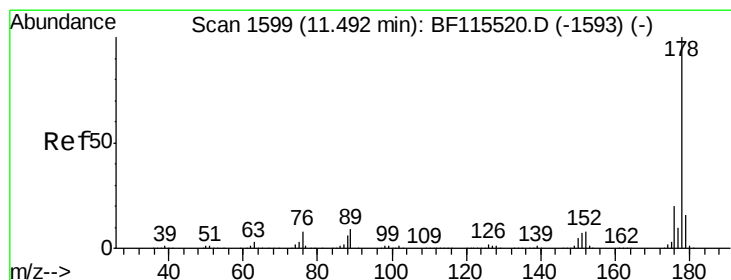
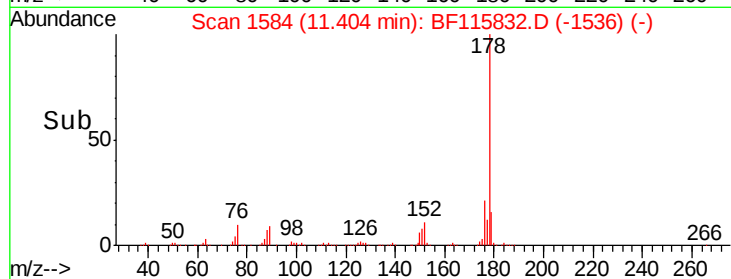
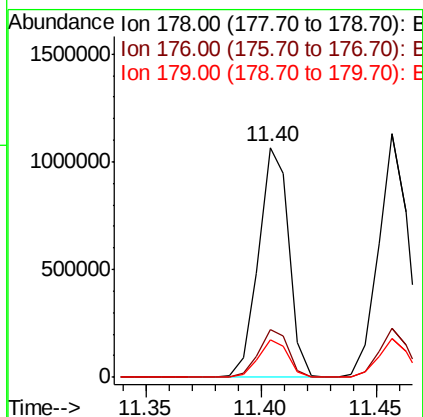
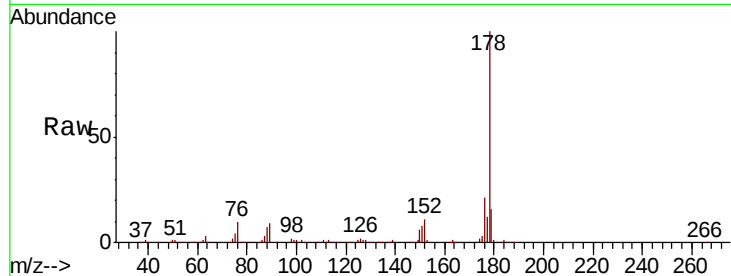




#71
Phenanthrene
Concen: 41.307 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

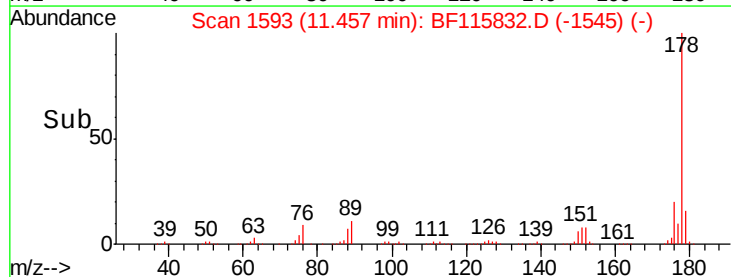
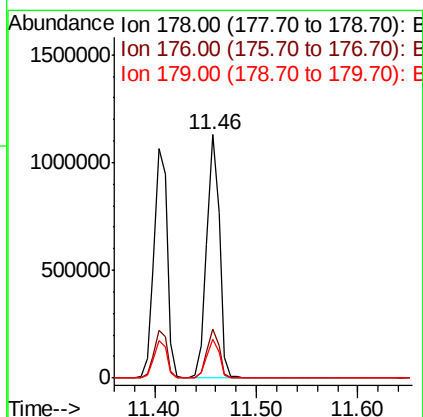
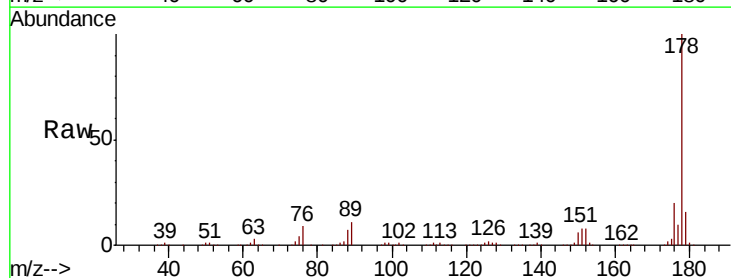
Instrument :
BNA_F
ClientSampleId :

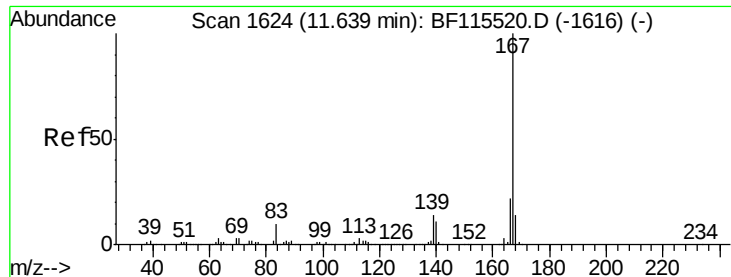
Tot Ion:178 Resp: 979150
Ion Ratio Lower Upper
178 100
176 20.6 16.4 24.6
179 16.1 12.7 19.1



#72
Anthracene
Concen: 40.602 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:178 Resp: 994626
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.1 12.6 18.8

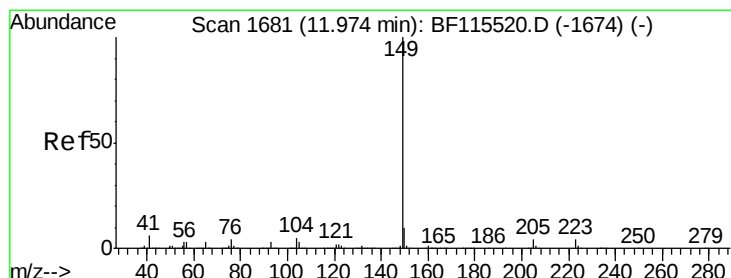
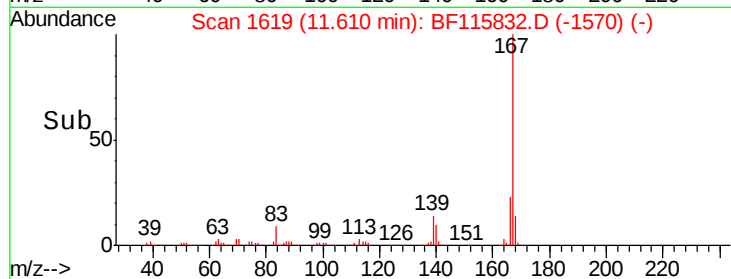
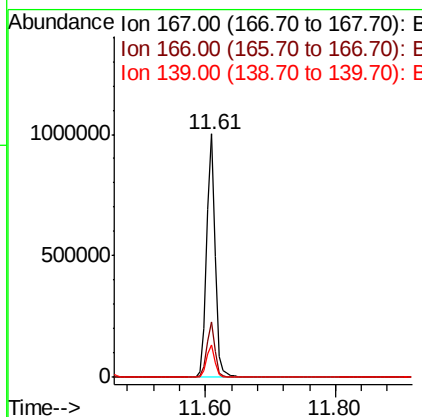
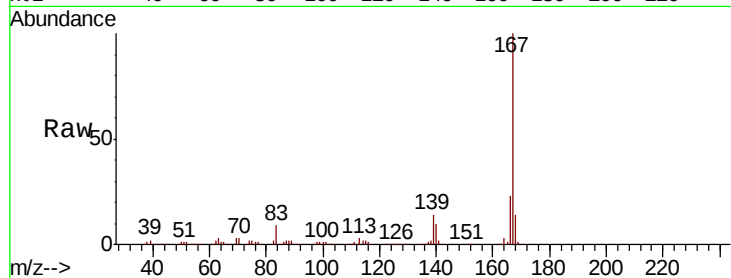




#73
 Carbazole
 Concen: 42.447 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

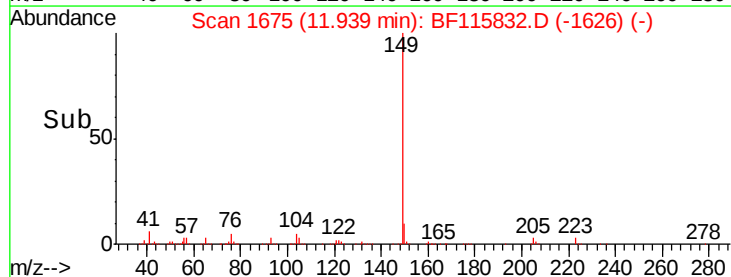
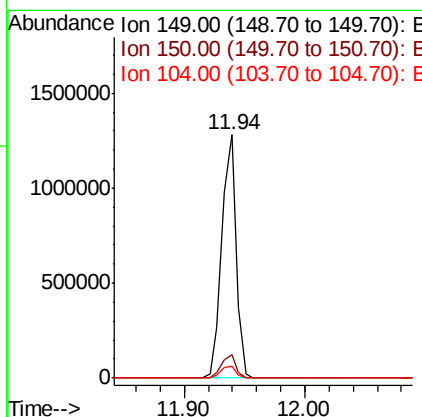
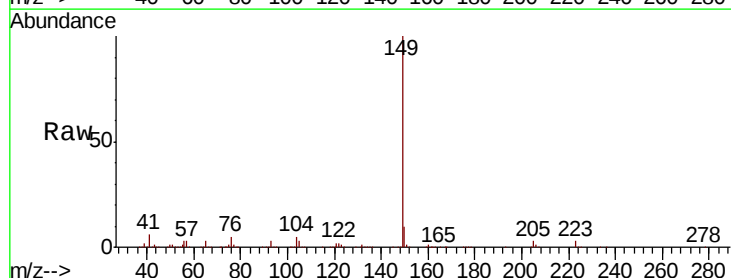
Instrument :
 BNA_F
 ClientSampled :

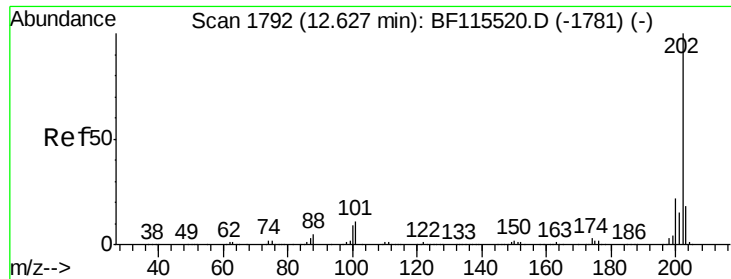
Tot Ion:167 Resp: 911860
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.6 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 39.475 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Tgt Ion:149 Resp: 1044564
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.0 12.0
 104 5.0 4.3 6.5

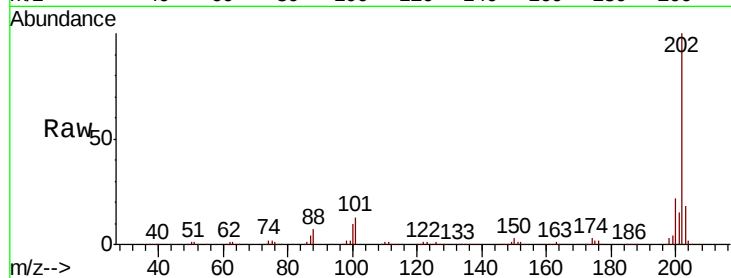




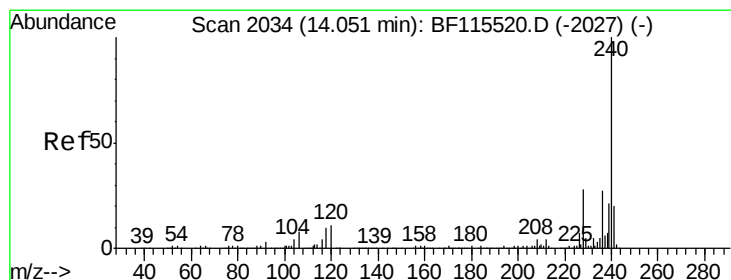
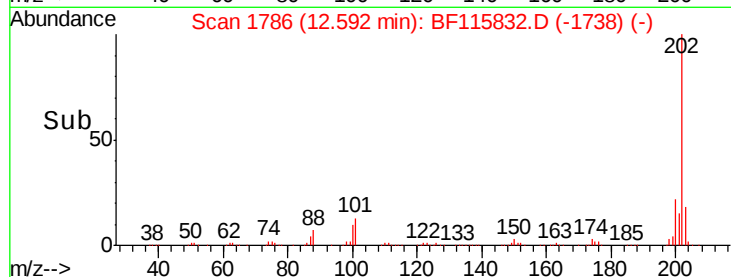
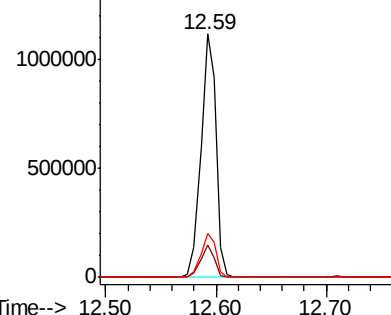
#75
 Fluoranthene
 Concen: 41.430 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.02 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1037769
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.6
 203 18.1 0.0 38.0

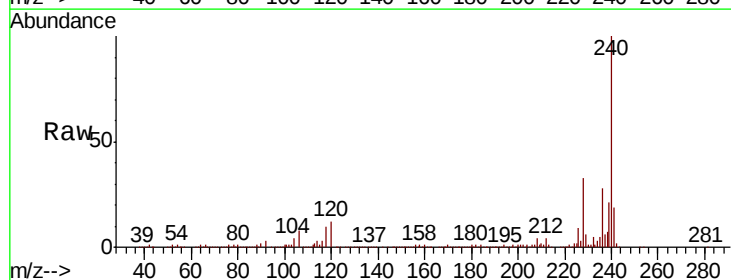


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

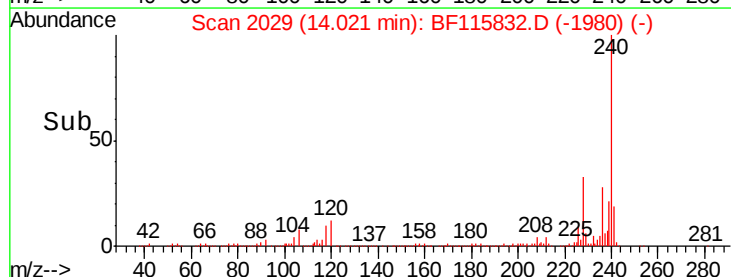
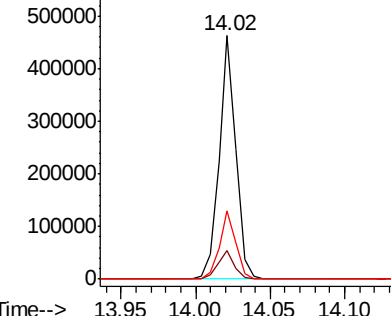


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115832.D
 Acq: 29 Jul 2019 15:18

Tgt Ion:240 Resp: 365221
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.0 15.0
 236 27.9 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.762 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

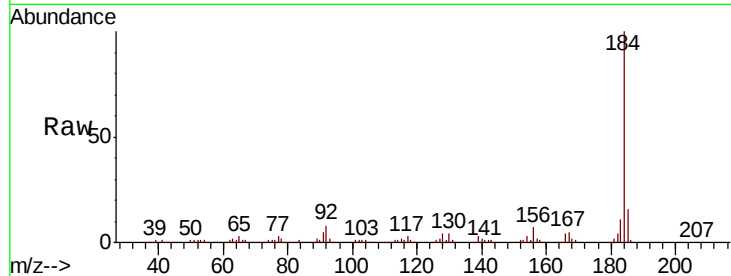
Tot Ion:184 Resp: 592066

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

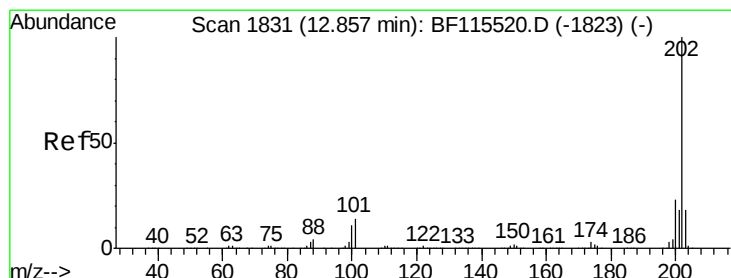
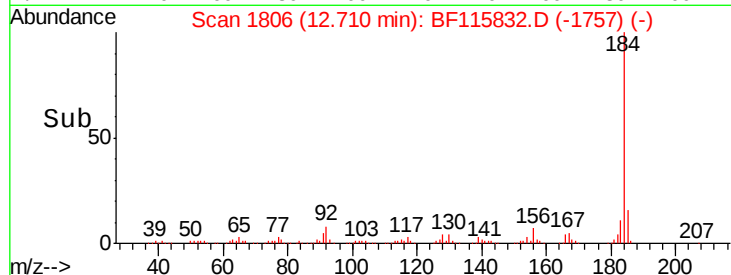
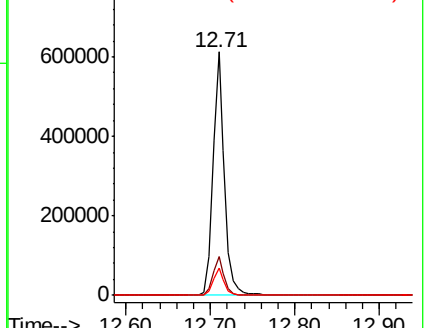
183 11.4 9.2 13.8



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: 34.843 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

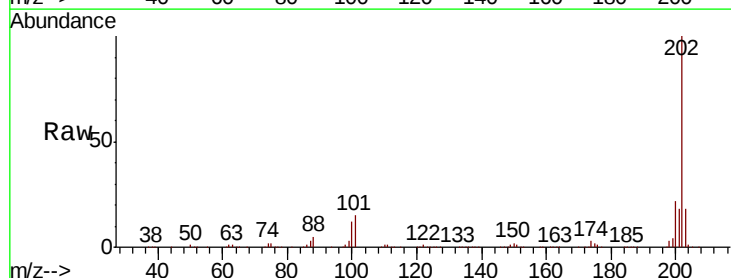
Tgt Ion:202 Resp: 1078148

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.4

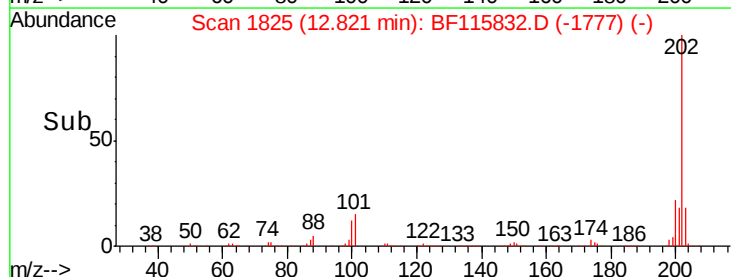
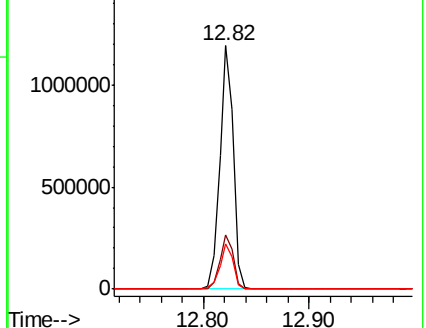
203 18.3 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.556 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

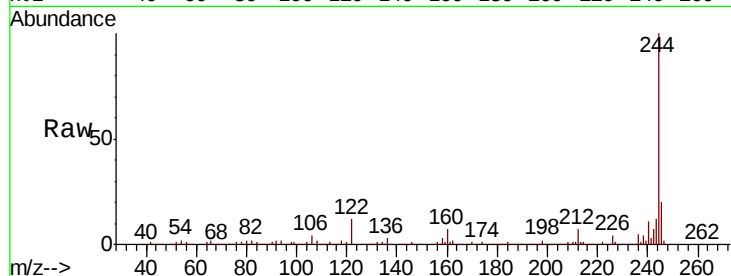
Tot Ion:244 Resp: 1356957

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

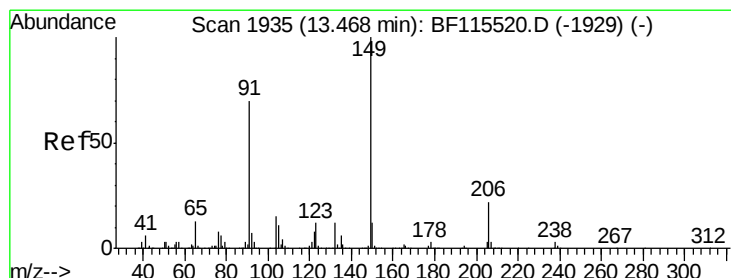
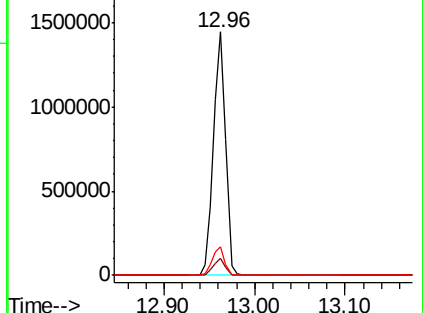
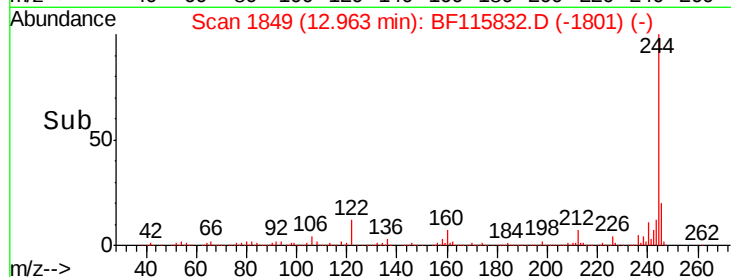
122 11.6 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.199 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

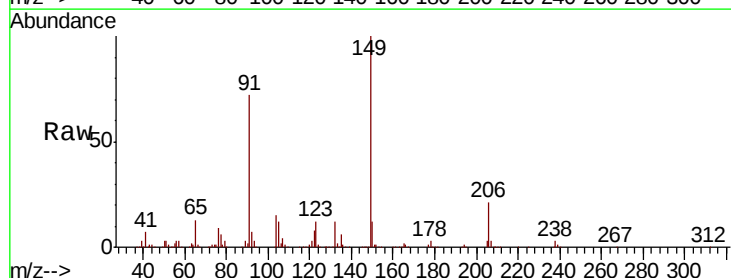
Tgt Ion:149 Resp: 464303

Ion Ratio Lower Upper

149 100

91 71.7 59.8 89.8

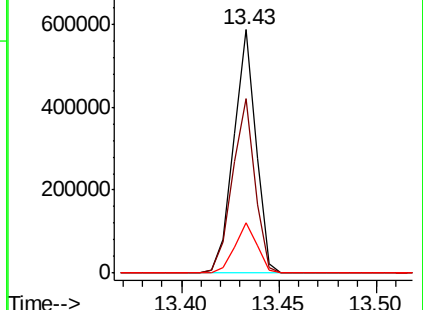
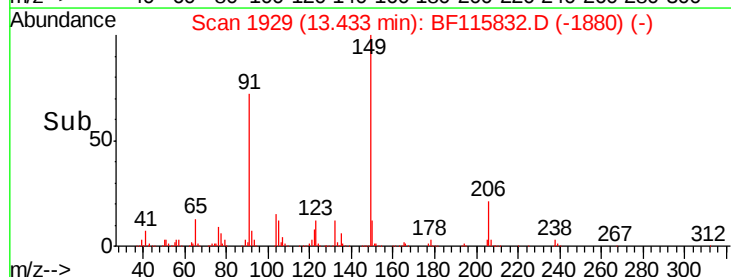
206 20.5 16.2 24.4

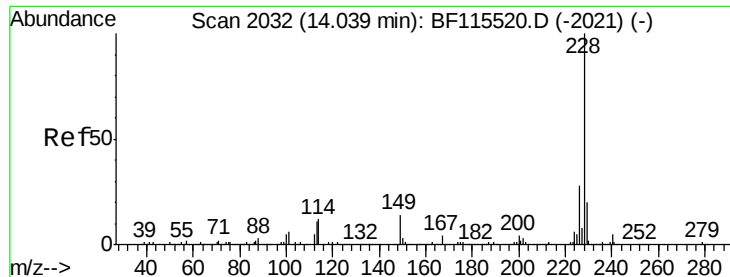


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

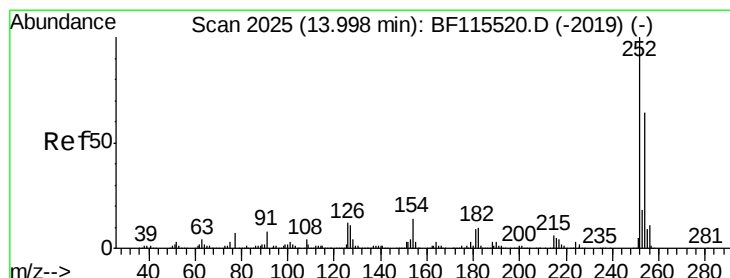
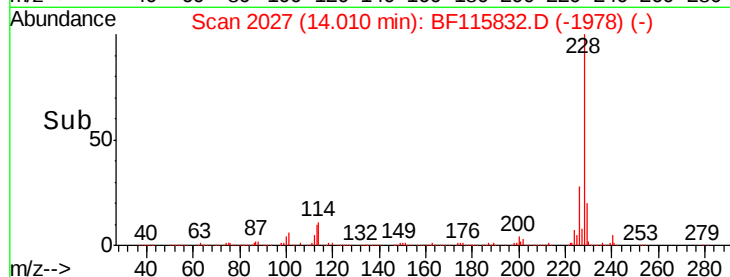
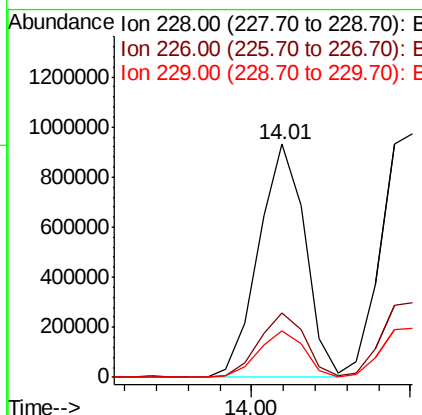
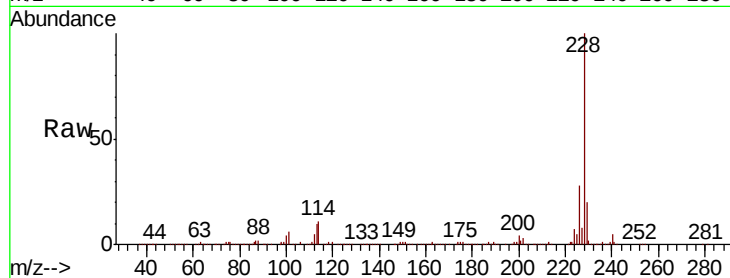




#81
Benzo(a)anthracene
Concen: 39.345 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

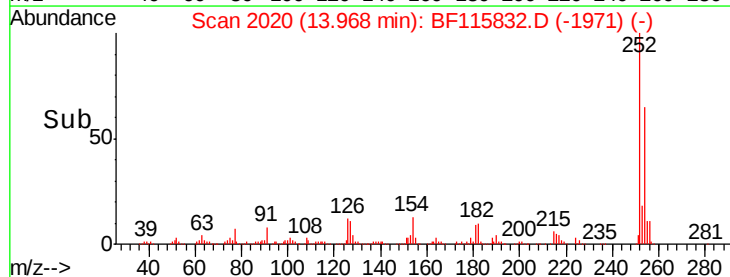
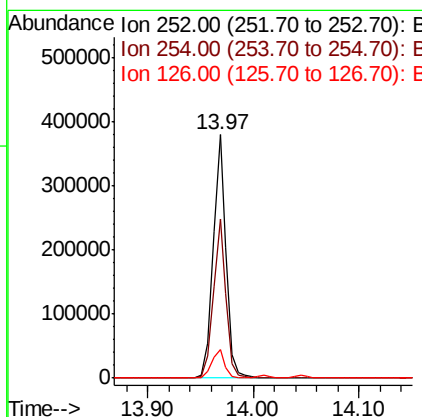
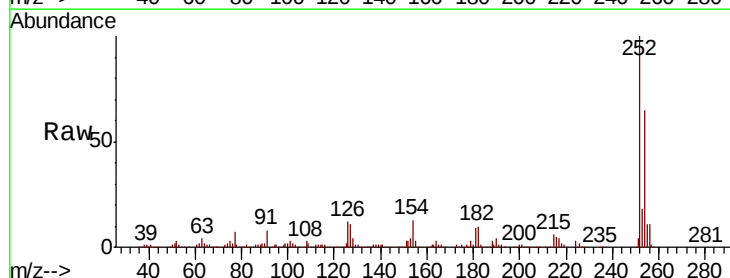
Instrument :
BNA_F
ClientSampleId :

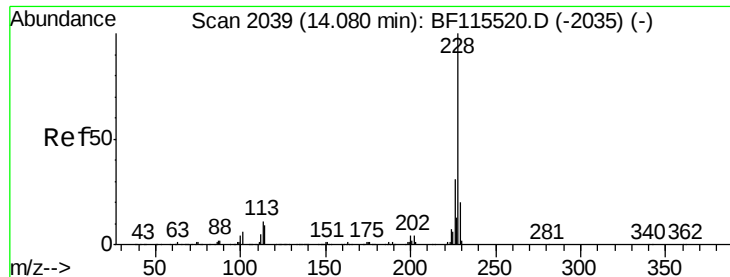
Tot Ion:228 Resp: 946671
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.2
229 20.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 38.498 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:252 Resp: 329291
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 11.9 9.9 14.9





#83

Chrvsene

Concen: 37.754 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

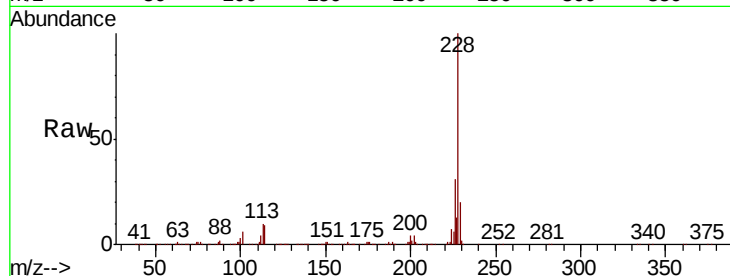
Tot Ion:228 Resp: 911908

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

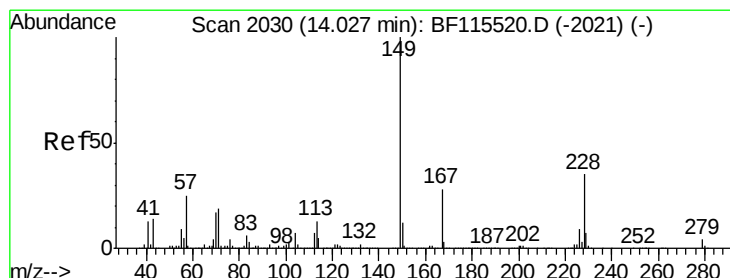
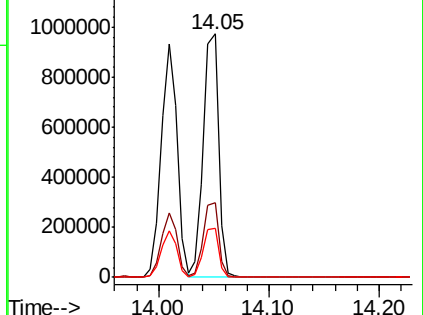
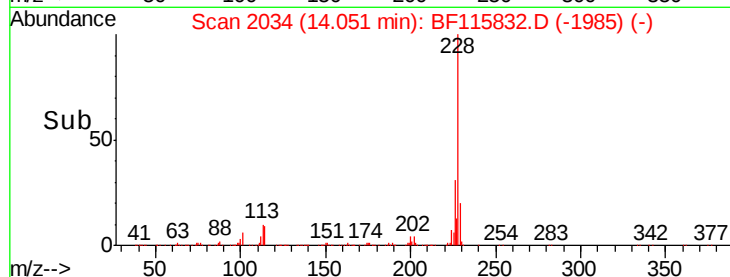
229 20.1 16.2 24.2



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: 38.425 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

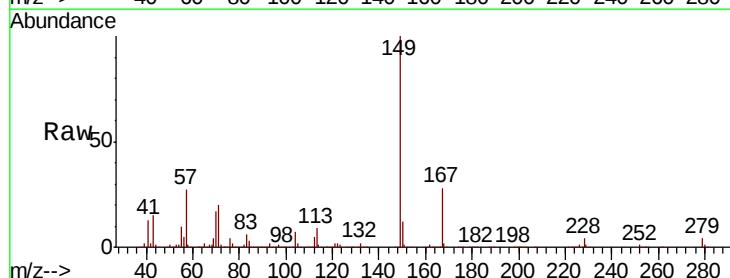
Tgt Ion:149 Resp: 627826

Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

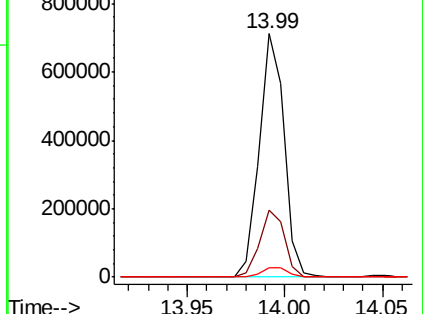
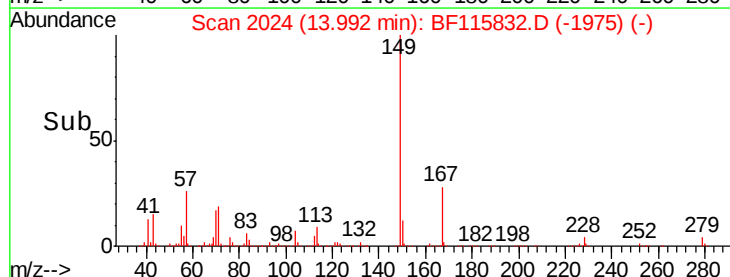
279 3.8 3.1 4.7

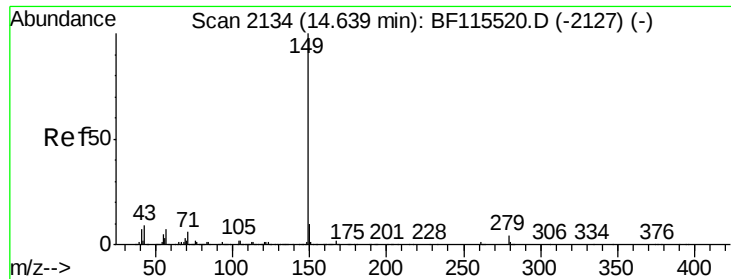


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.599 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampled :

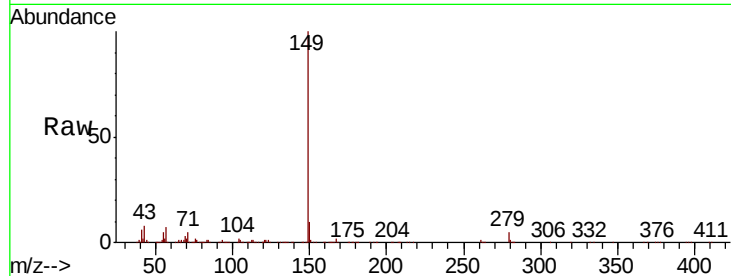
Tot Ion:149 Resp: 1003468

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

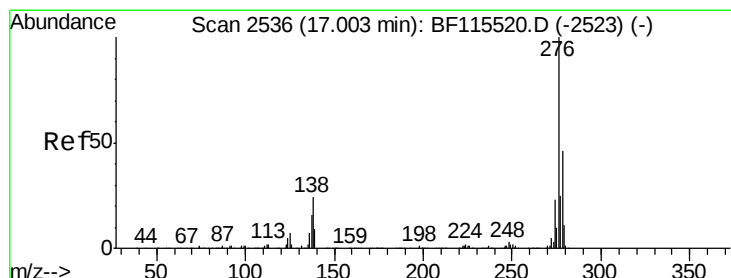
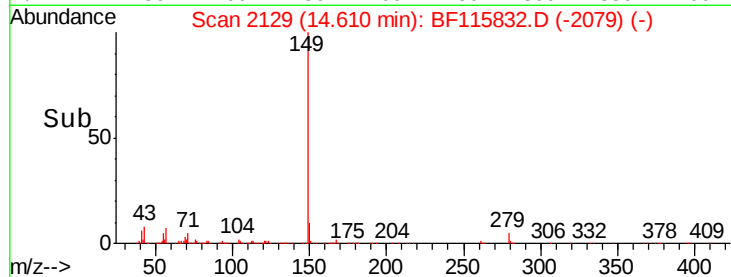
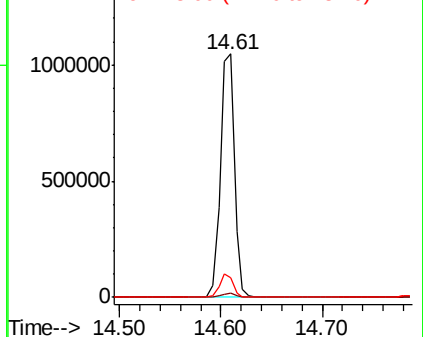
43 9.1 7.4 11.0



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: 36.720 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

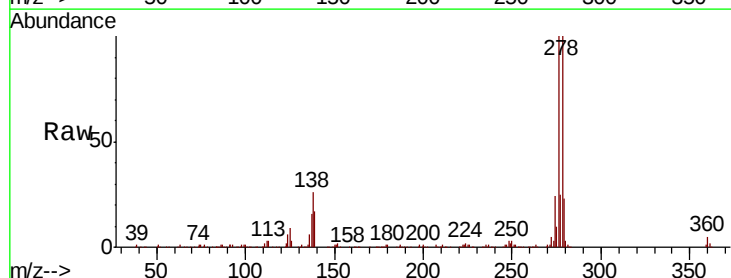
Tgt Ion:276 Resp: 753511

Ion Ratio Lower Upper

276 100

138 24.8 20.1 30.1

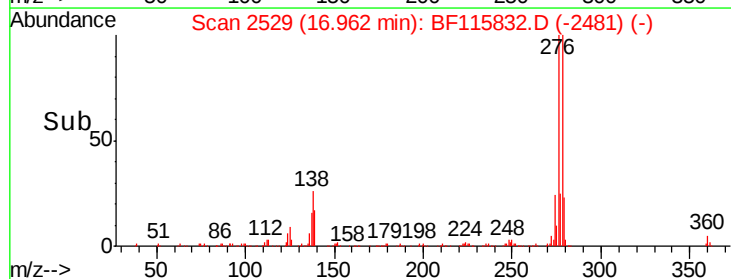
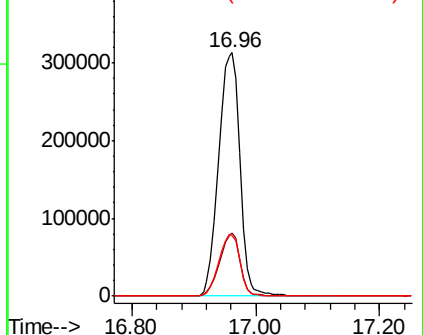
277 25.0 19.8 29.8

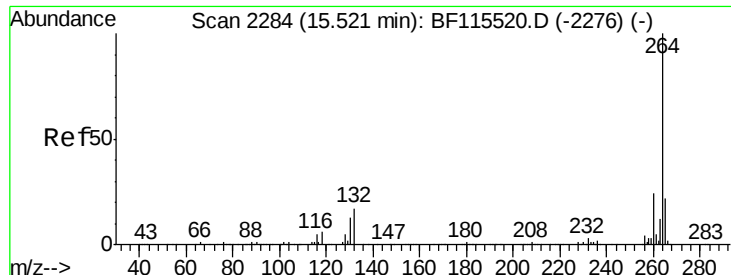


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



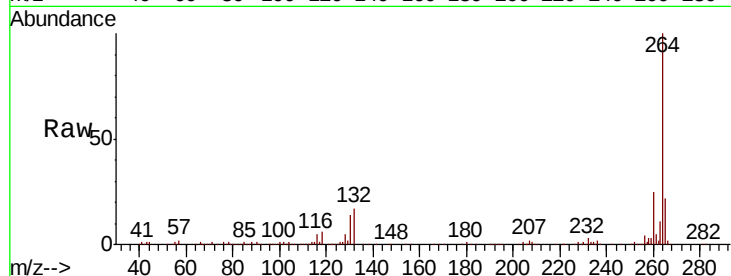


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

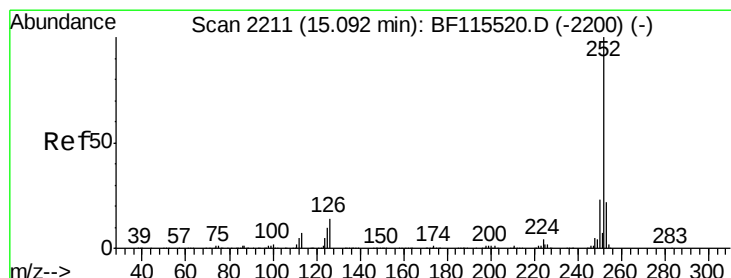
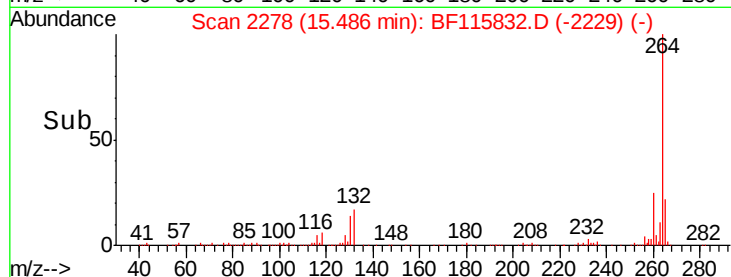
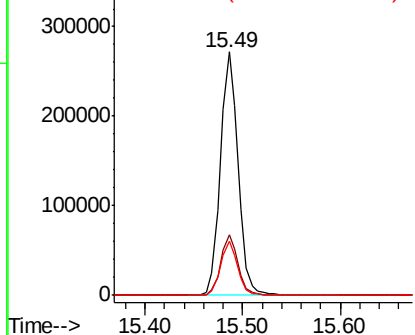
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 341102

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	22.1	17.5	26.3



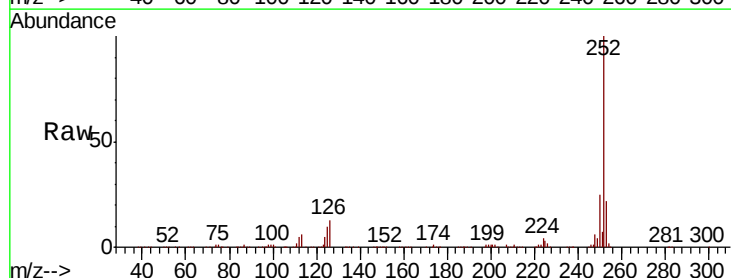
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



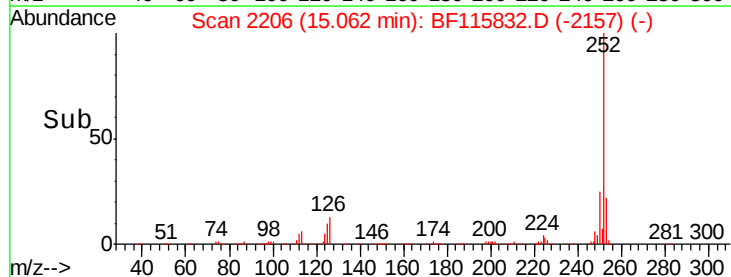
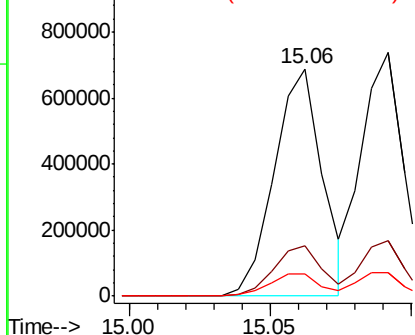
#88
Benzo(b)fluoranthene
Concen: 37.137 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

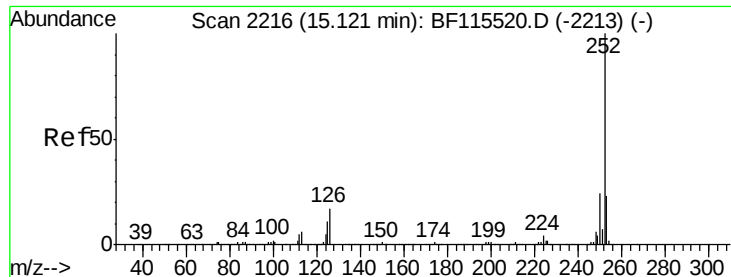
Tgt Ion:252 Resp: 815681

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.0	8.4	12.6



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

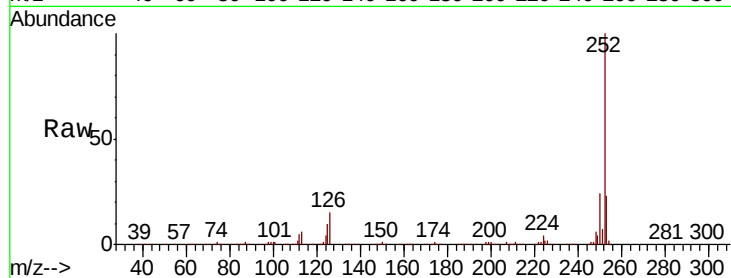




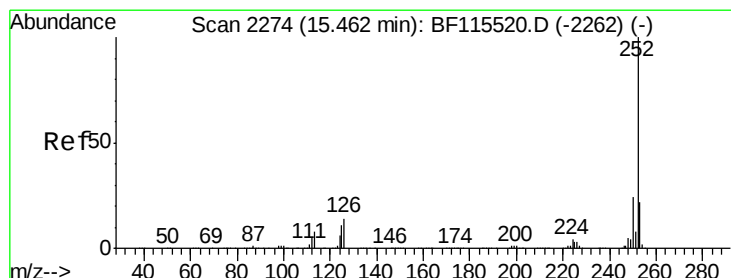
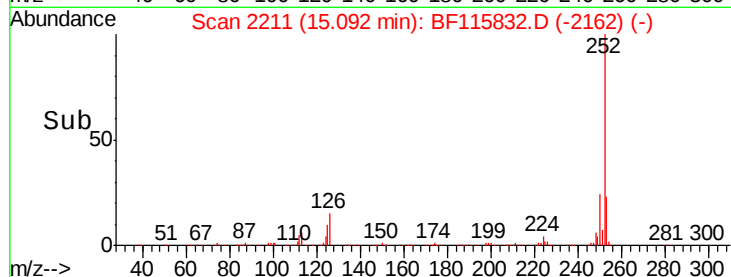
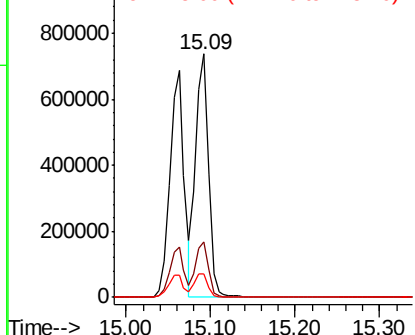
#89
Benzo(k)fluoranthene
Concen: 39.236 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 768340
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 9.8 8.6 13.0

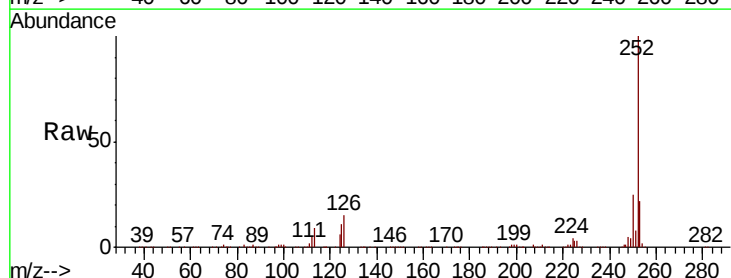


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

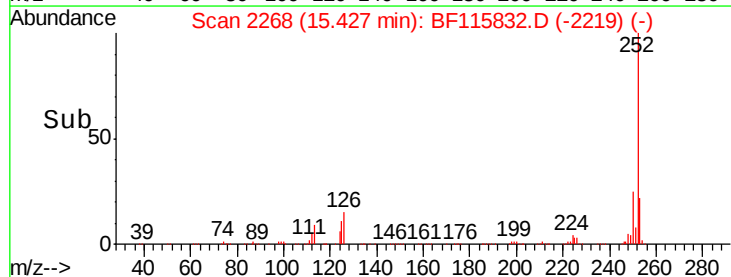
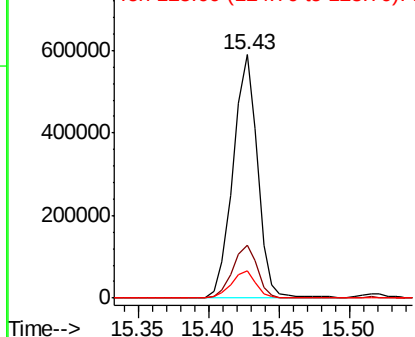


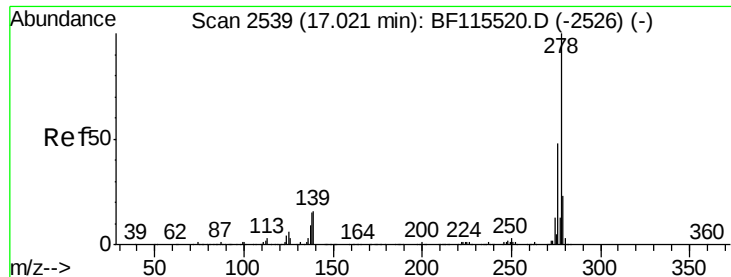
#90
Benzo(a)pyrene
Concen: 37.872 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115832.D
Acq: 29 Jul 2019 15:18

Tgt Ion:252 Resp: 714938
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.2 9.4 14.2



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





#91

Dibenzo(a,h)anthracene

Concen: 37.602 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

Instrument :

BNA_F

ClientSampleId :

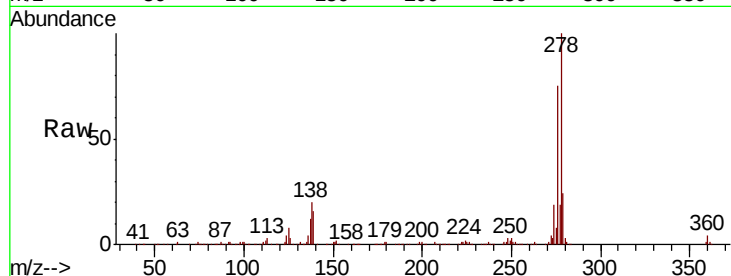
Tot Ion:278 Resp: 623186

Ion Ratio Lower Upper

278 100

139 16.4 13.6 20.4

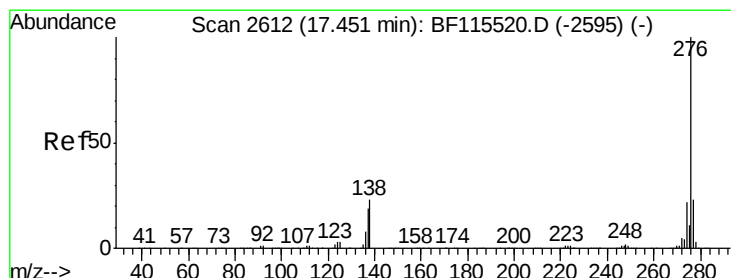
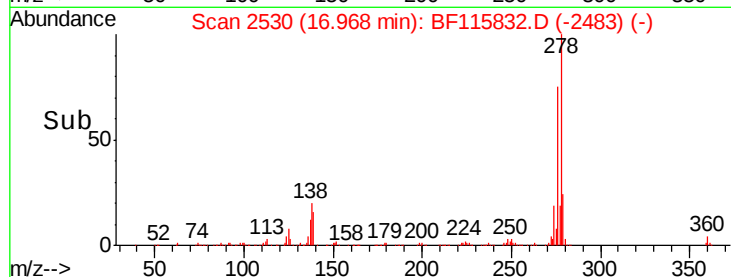
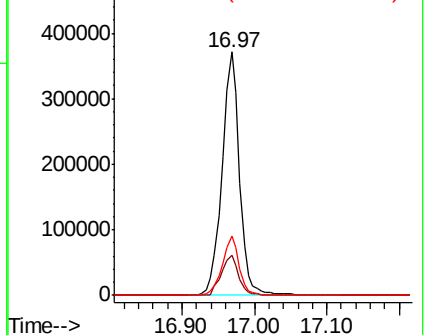
279 24.3 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.771 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.03 min

Lab File: BF115832.D

Acq: 29 Jul 2019 15:18

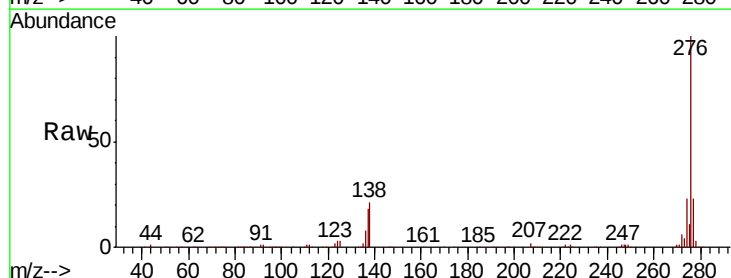
Tgt Ion:276 Resp: 607781

Ion Ratio Lower Upper

276 100

277 23.4 18.1 27.1

138 21.1 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

