

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115584.D
 Acq On : 16 Jul 2019 9:06
 Operator : HP/JU
 Sample : PB121322BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:27:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	198668	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	819972	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	354346	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	692467	20.00	ng	0.00
76) Chrysene-d12	14.04	240	446707	20.00	ng	0.00
87) Perylene-d12	15.52	264	325570	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1309176	107.79	ng	0.02
7) Phenol-d6	6.52	99	1708019	110.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	1064631	75.50	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	454052	109.78	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1930190	95.34	ng	0.00
79) Terphenyl-d14	12.99	244	1821370	75.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	193481	31.936	ng	98
3) Pyridine	3.53	79	482698	29.366	ng	99
4) n-Nitrosodimethylamine	3.48	42	212768	35.681	ng	97
6) Aniline	6.55	93	536497	25.015	ng	98
8) 2-Chlorophenol	6.67	128	533146	38.180	ng	96
9) Benzaldehyde	6.43	77	95135	9.878	ng	99
10) Phenol	6.53	94	671191	37.516	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	505904	37.141	ng	99
12) 1,3-Dichlorobenzene	6.83	146	548210	34.917	ng	99
13) 1,4-Dichlorobenzene	6.90	146	554046	35.369	ng	97
14) 1,2-Dichlorobenzene	7.06	146	515710	36.014	ng	97
15) Benzyl Alcohol	7.02	79	472541	38.652	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	686710	38.294	ng	96
17) 2-Methylphenol	7.13	107	457161	37.989	ng	100
18) Hexachloroethane	7.40	117	206258	35.474	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	372715	37.082	ng	98
20) 3+4-Methylphenols	7.29	107	542249	37.935	ng	96
22) Acetophenone	7.29	105	731217	39.473	ng	# 94
24) Nitrobenzene	7.46	77	581564	38.236	ng	97
25) Isophorone	7.70	82	1072864	38.021	ng	100
26) 2-Nitrophenol	7.78	139	307374	39.262	ng	96
27) 2,4-Dimethylphenol	7.82	122	512663	43.766	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	661433	38.209	ng	99
29) 2,4-Dichlorophenol	8.02	162	466295	38.276	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	506429	36.776	ng	98
31) Naphthalene	8.19	128	1533374	38.613	ng	97
32) Benzoic acid	7.95	122	381065	39.640	ng	99
33) 4-Chloroaniline	8.23	127	367778	20.908	ng	98
34) Hexachlorobutadiene	8.31	225	290255	36.756	ng	99
35) Caprolactam	8.60	113	103050	27.374	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	491496	38.894	ng	100
37) 2-Methylnaphthalene	8.88	142	1050215	39.897	ng	98
38) 1-Methylnaphthalene	8.98	142	989125	39.560	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	476735	44.677	ng	98

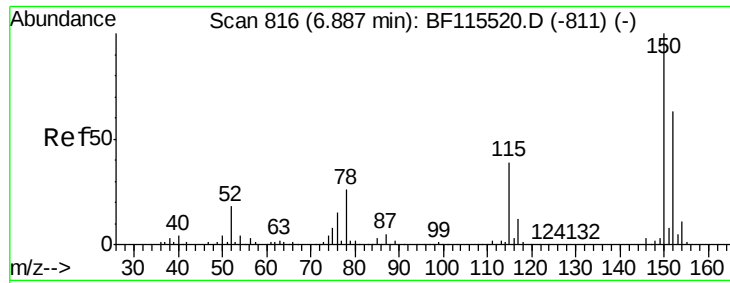
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115584.D
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Quant Time: Jul 16 15:27:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	389492	63.988	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	340052	43.578	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	356137	44.565	ng	99
46) 1,1'-Biphenyl	9.35	154	1258204	45.419	ng	99
47) 2-Chloronaphthalene	9.37	162	1009874	43.781	ng	98
48) 2-Nitroaniline	9.46	65	310479	43.488	ng	95
49) Acenaphthylene	9.79	152	1322554	38.695	ng	97
50) Dimethylphthalate	9.65	163	1122931	42.121	ng	99
51) 2,6-Dinitrotoluene	9.70	165	239095	39.463	ng	87
52) Acenaphthene	9.96	154	929253	42.112	ng	98
53) 3-Nitroaniline	9.87	138	172386	24.898	ng	99
54) 2,4-Dinitrophenol	9.98	184	249926	80.346	ng	95
55) Dibenzofuran	10.13	168	1189350	37.954	ng	100
56) 4-Nitrophenol	10.03	139	371564	70.378	ng	99
57) 2,4-Dinitrotoluene	10.10	165	316290	40.295	ng	98
58) Fluorene	10.47	166	884196	39.469	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	270555	40.500	ng	98
60) Diethylphthalate	10.35	149	973595	38.976	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	456436	36.740	ng	98
62) 4-Nitroaniline	10.49	138	231720	34.891	ng	99
63) Azobenzene	10.62	77	944154	38.968	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	164096	38.787	ng	99
66) n-Nitrosodiphenylamine	10.58	169	823418	38.227	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	289075	36.530	ng	99
68) Hexachlorobenzene	11.02	284	330096	36.527	ng	# 93
69) Atrazine	11.10	200	249297	35.279	ng	99
70) Pentachlorophenol	11.22	266	395173	71.496	ng	99
71) Phenanthrene	11.43	178	1355240	38.181	ng	98
72) Anthracene	11.49	178	1380881	37.644	ng	99
73) Carbazole	11.63	167	1219253	37.902	ng	99
74) Di-n-butylphthalate	11.97	149	1501188	37.886	ng	100
75) Fluoranthene	12.62	202	1417393	37.788	ng	100
77) Benzidine	12.73	184	305464	19.303	ng	100
78) Pyrene	12.85	202	1419788	37.514	ng	98
80) Butylbenzylphthalate	13.46	149	630606	39.086	ng	98
81) Benzo(a)anthracene	14.03	228	1089561	37.023	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	325758	31.138	ng	97
83) Chrysene	14.07	228	1131415	38.297	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	799403	40.001	ng	# 98
85) Di-n-octyl phthalate	14.64	149	1290245	40.577	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	896614	35.723	ng	100
88) Benzo(b)fluoranthene	15.09	252	972574	46.392	ng	99
89) Benzo(k)fluoranthene	15.12	252	959477	51.335	ng	98
90) Benzo(a)pyrene	15.46	252	869575	48.260	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	768407	48.577	ng	98
92) Benzo(g,h,i)perylene	17.44	276	735361	46.613	ng	100

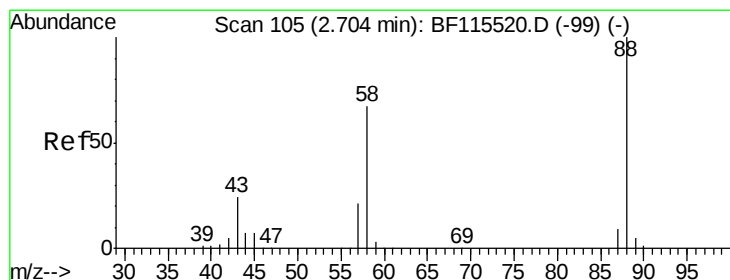
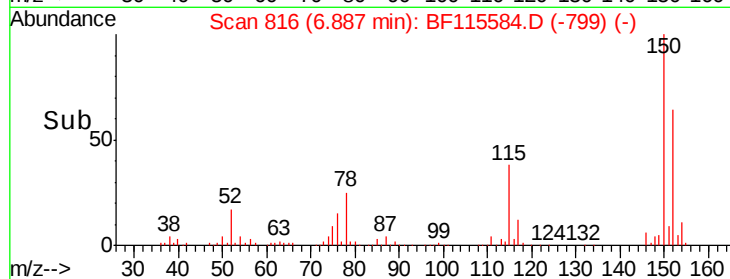
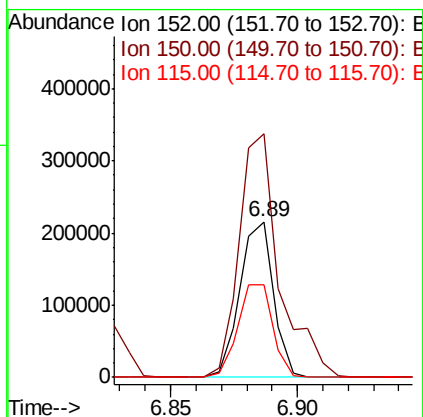
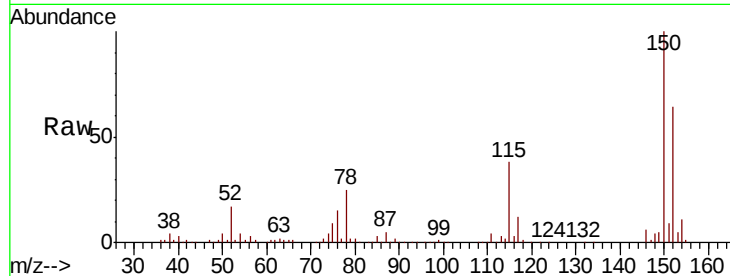
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

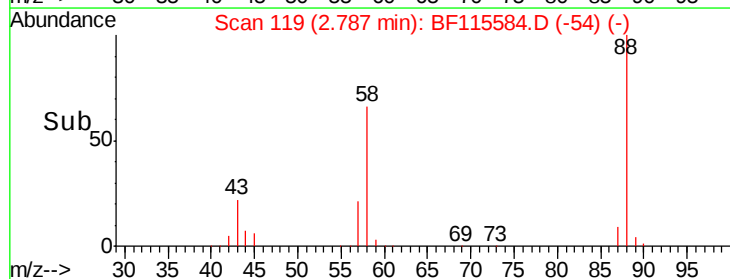
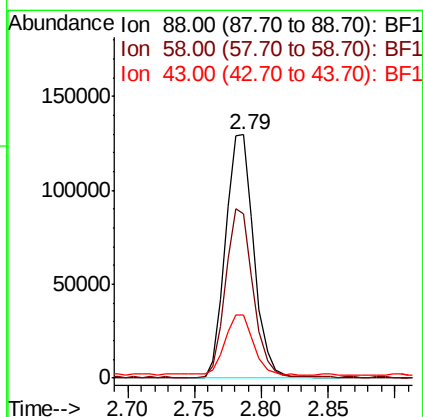
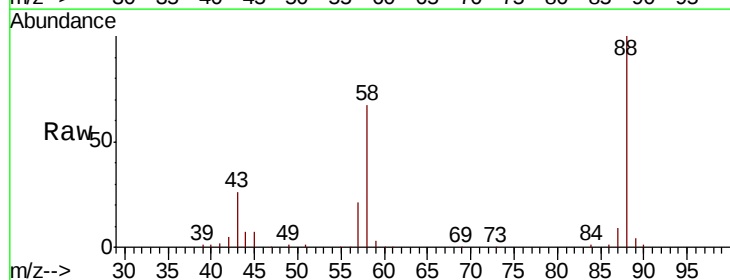
Instrument :
 BNA_F
 ClientSampleId :

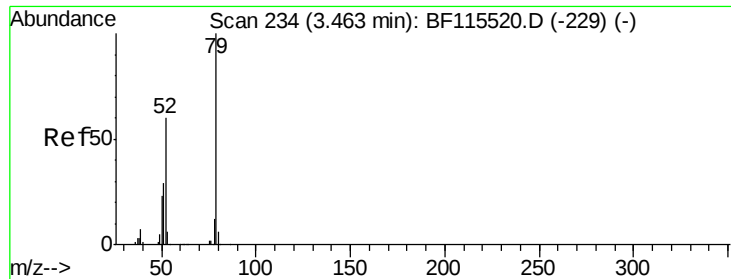
Tot Ion:152 Resp: 198668
 Ion Ratio Lower Upper
 152 100
 150 156.5 129.7 194.5
 115 59.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 31.936 ng
 RT: 2.79 min Scan# 119
 Delta R.T. 0.08 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion: 88 Resp: 193481
 Ion Ratio Lower Upper
 88 100
 58 66.9 52.6 79.0
 43 24.9 19.1 28.7





#3

Pvridine

Concen: 29.366 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.06 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

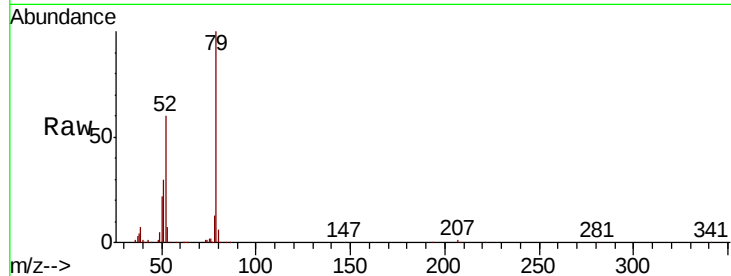
Tot Ion: 79 Resp: 482698

Ion Ratio Lower Upper

79 100

52 60.4 47.8 71.6

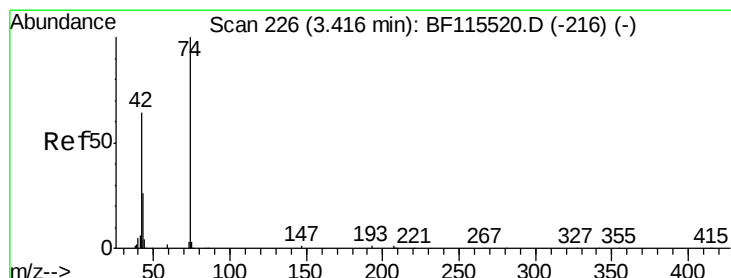
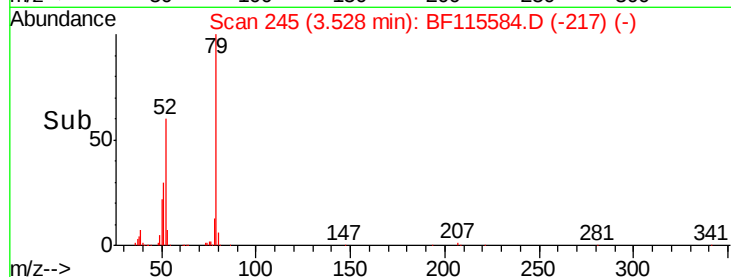
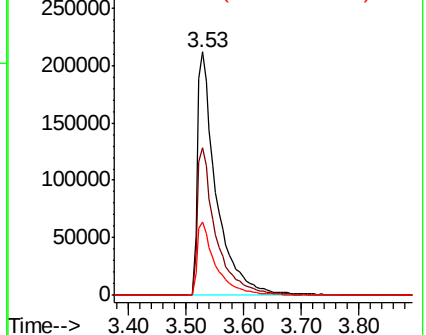
51 30.1 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.681 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

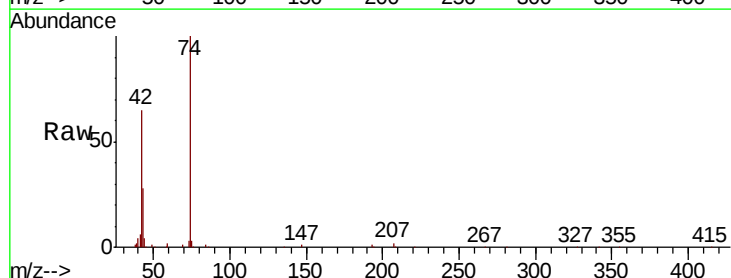
Tgt Ion: 42 Resp: 212768

Ion Ratio Lower Upper

42 100

74 154.7 127.5 191.3

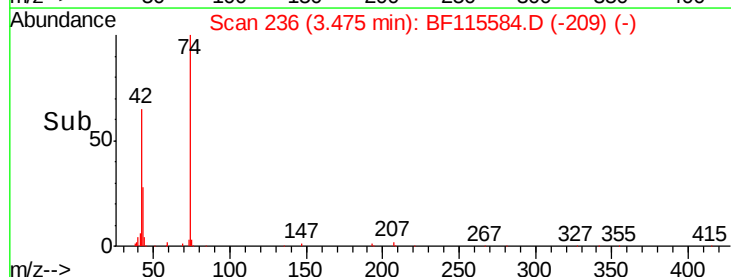
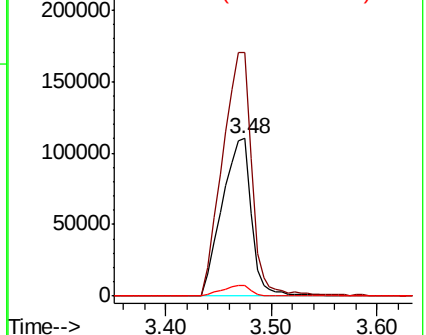
44 6.4 5.0 7.6

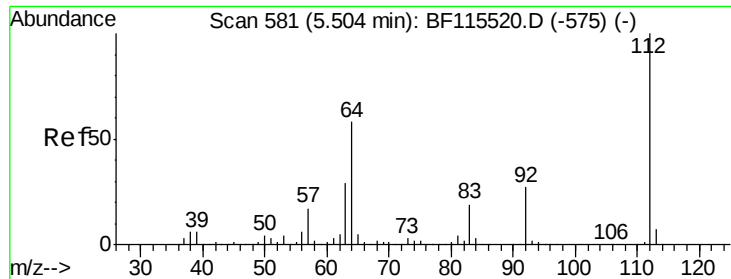


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.789 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

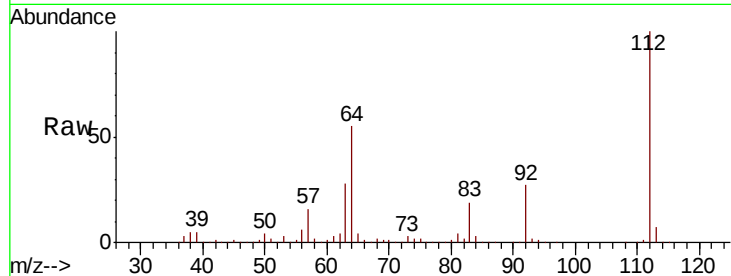
Tot Ion:112 Resp: 1309176

Ion Ratio Lower Upper

112 100

64 55.2 46.8 70.2

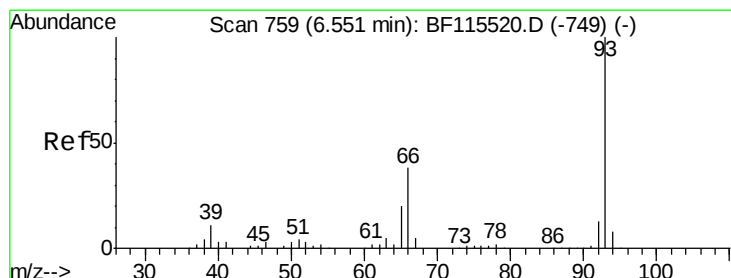
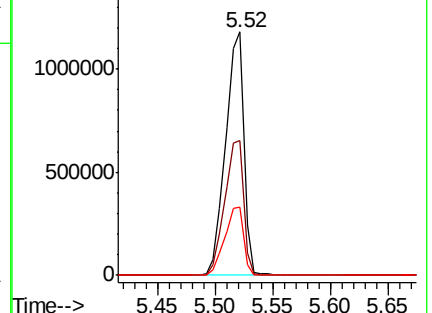
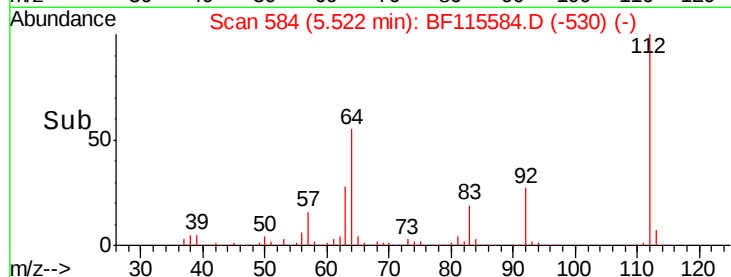
63 28.1 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.015 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

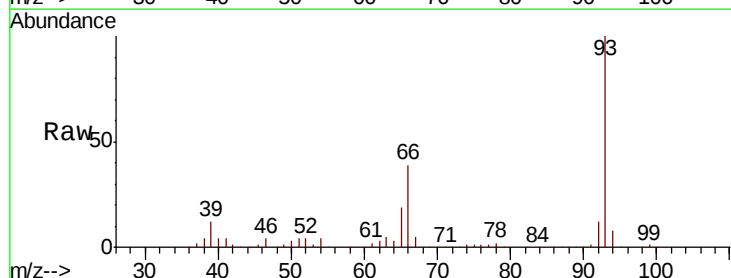
Tgt Ion: 93 Resp: 536497

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

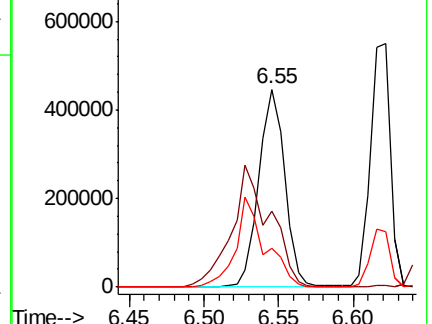
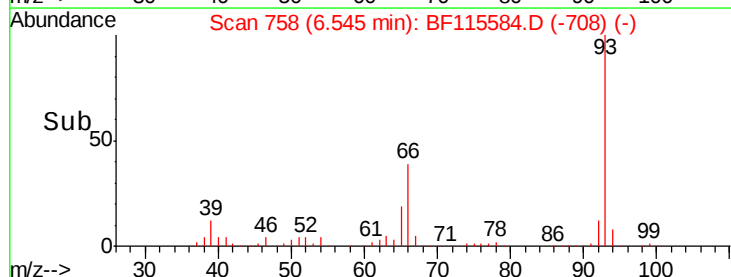
65 19.5 16.2 24.2

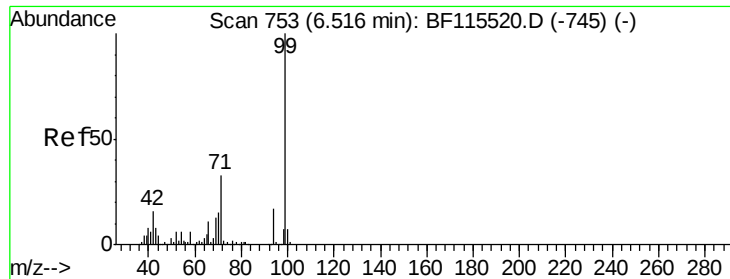


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.828 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

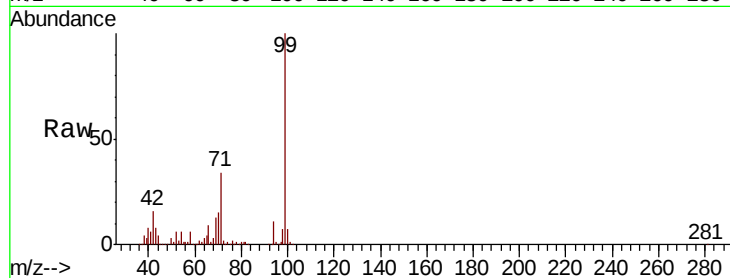
Tot Ion: 99 Resp: 1708019

Ion Ratio Lower Upper

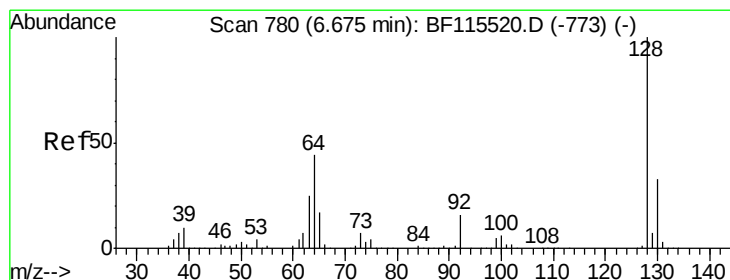
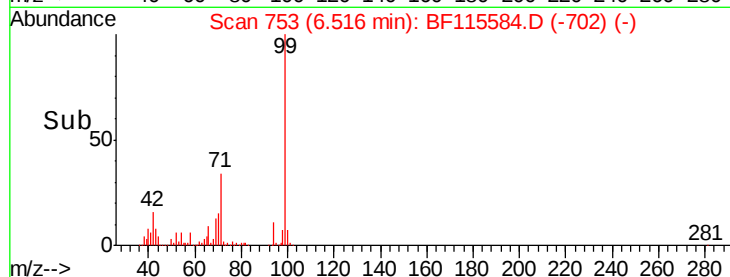
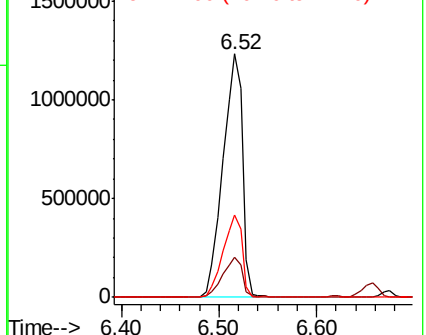
99 100

42 16.3 13.6 20.4

71 33.7 28.5 42.7



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



#8

2-Chlorophenol

Concen: 38.180 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

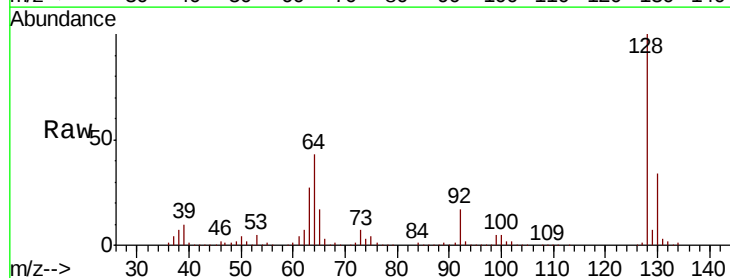
Tgt Ion: 128 Resp: 533146

Ion Ratio Lower Upper

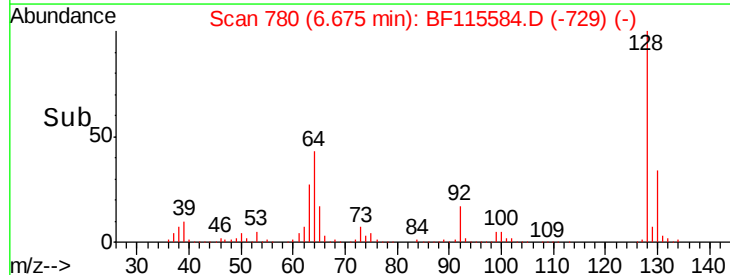
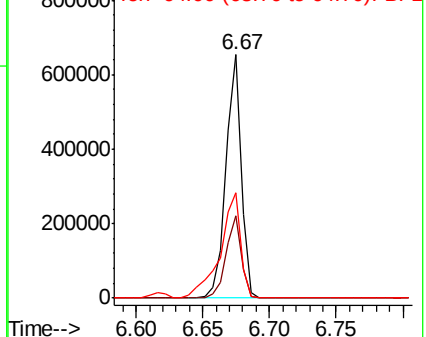
128 100

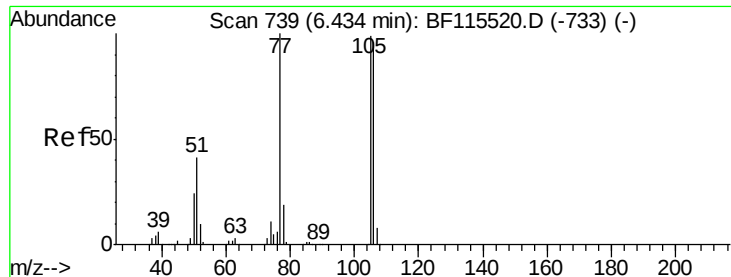
130 33.6 12.8 52.8

64 43.4 26.8 66.8



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





#9

Benzaldehyde

Concen: 9.878 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

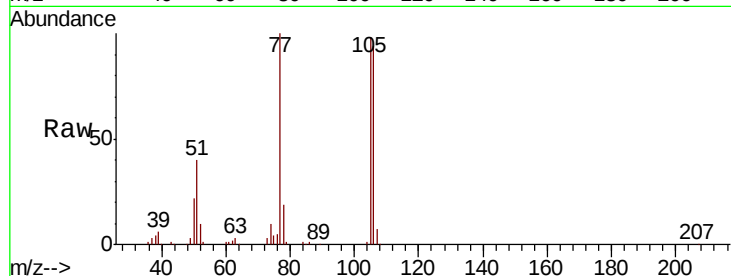
Tot Ion: 77 Resp: 95135

Ion Ratio Lower Upper

77 100

105 98.3 78.8 118.8

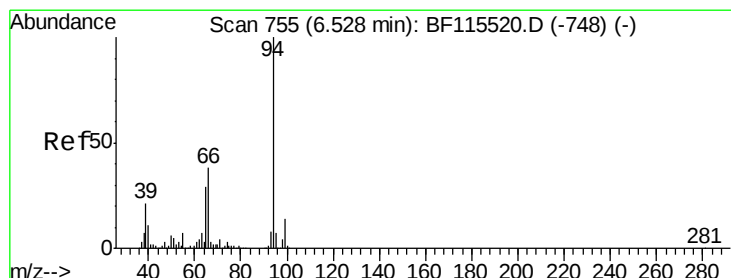
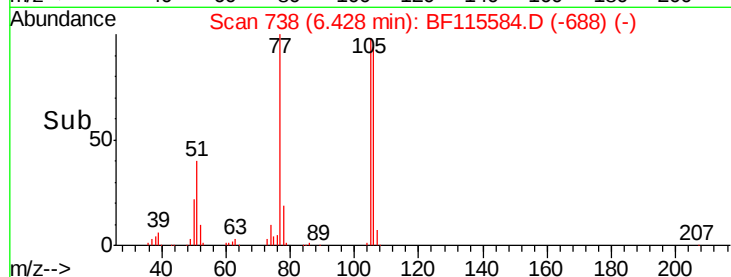
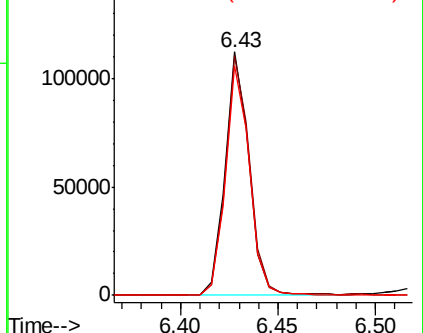
106 94.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.516 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

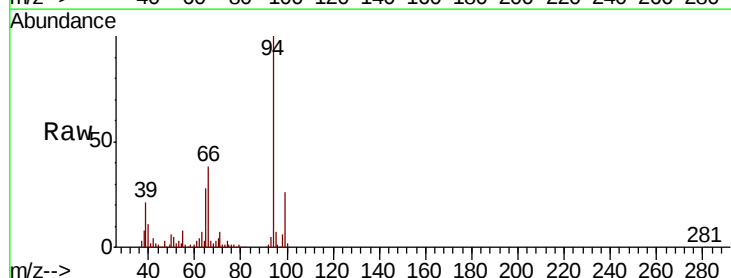
Tgt Ion: 94 Resp: 671191

Ion Ratio Lower Upper

94 100

65 28.1 14.5 54.5

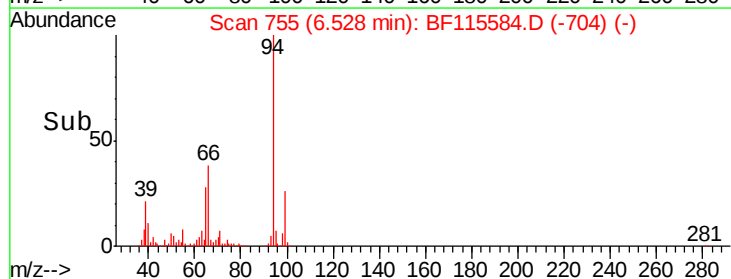
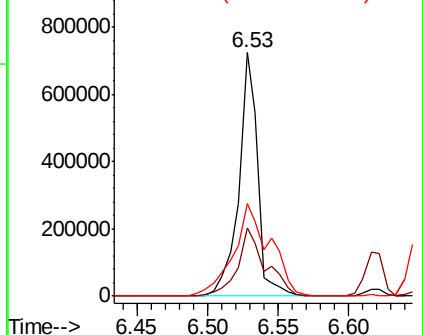
66 37.9 31.3 71.3

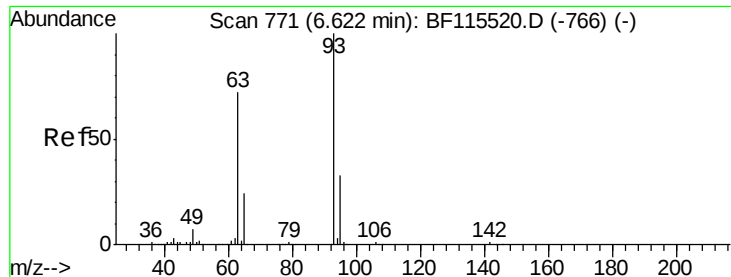


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

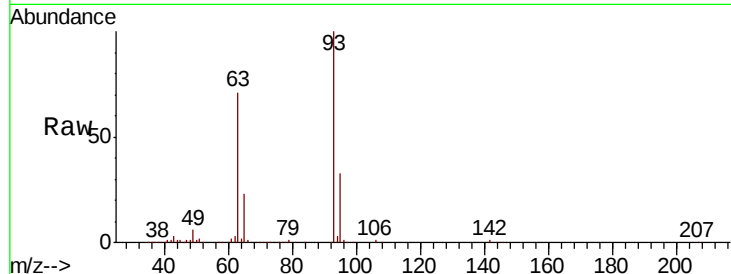




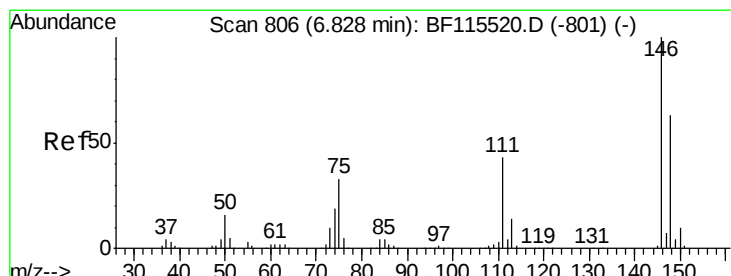
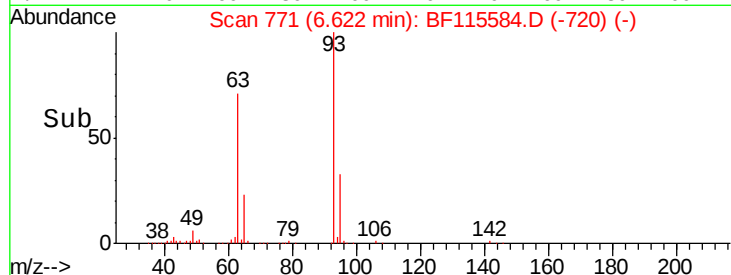
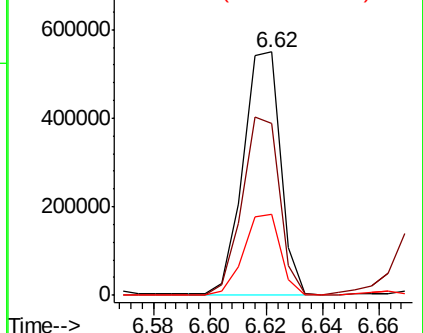
#11
bis(2-Chloroethyl)ether
Concen: 37.141 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	52.2	92.2
95	33.1	12.9	52.9

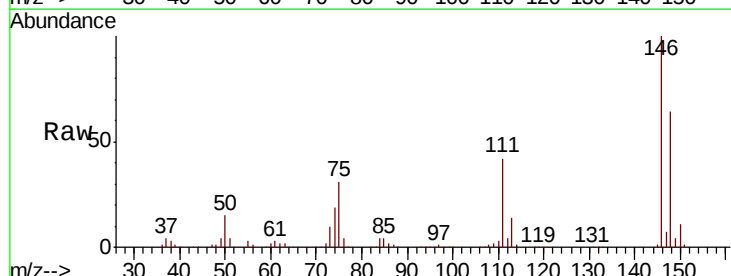


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

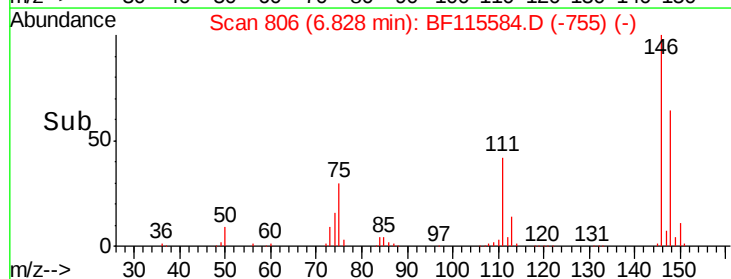
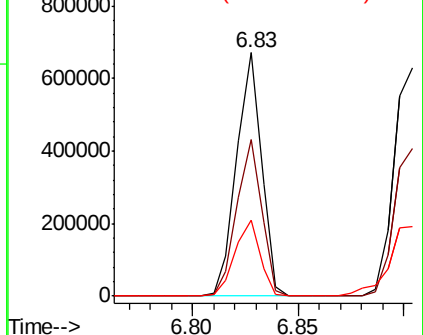


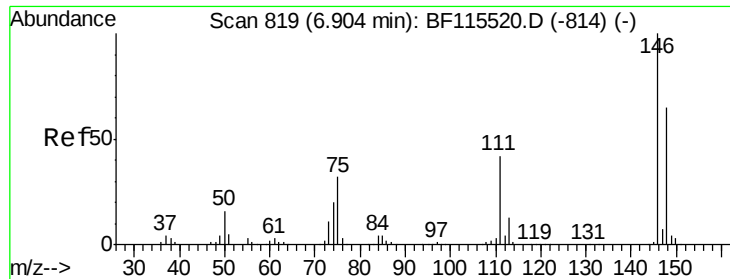
#12
1,3-Dichlorobenzene
Concen: 34.917 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	31.1	24.9	37.3



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

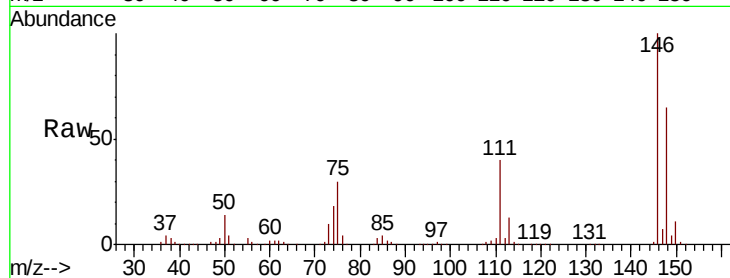




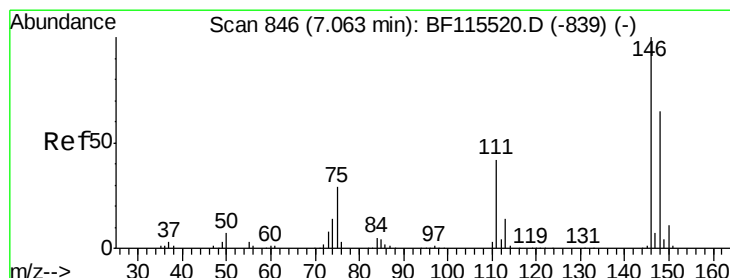
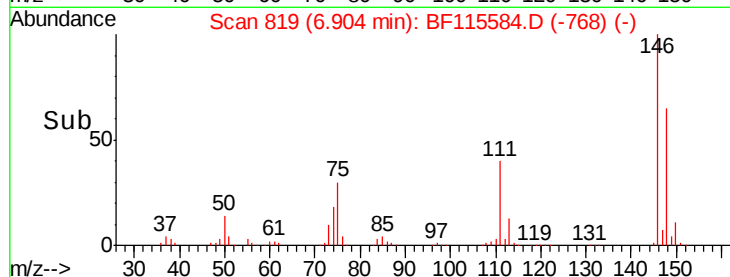
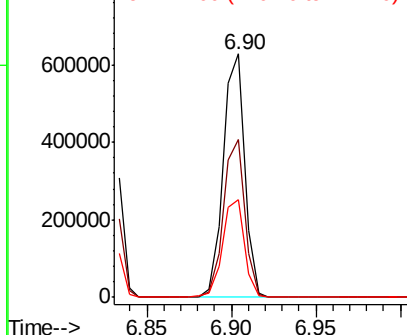
#13
 1,4-Dichlorobenzene
 Concen: 35.369 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	40.2	35.5	53.3

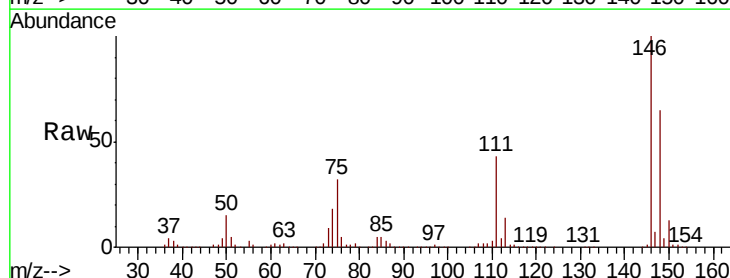


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

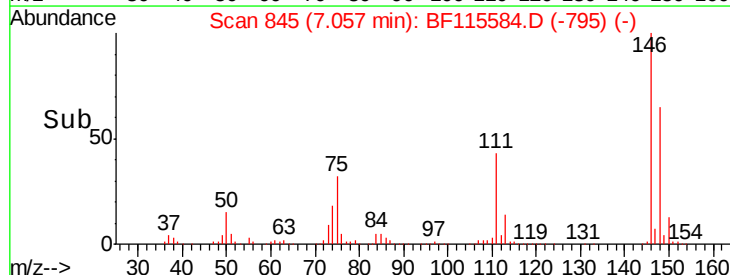
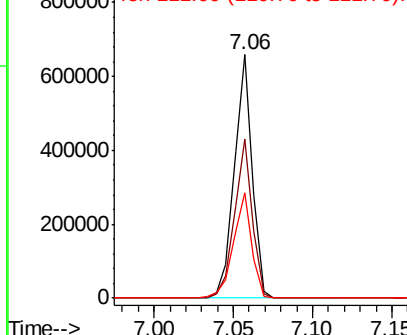


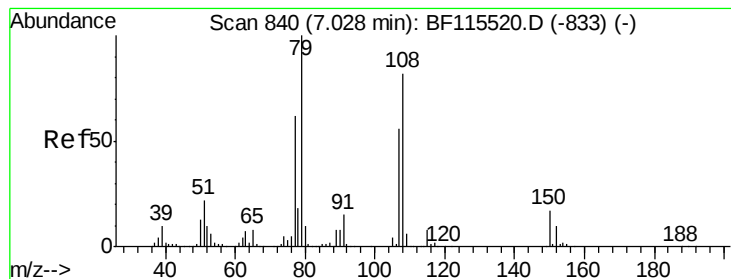
#14
 1,2-Dichlorobenzene
 Concen: 36.014 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	43.3	37.6	56.4



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





#15

Benzyl Alcohol

Concen: 38.652 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

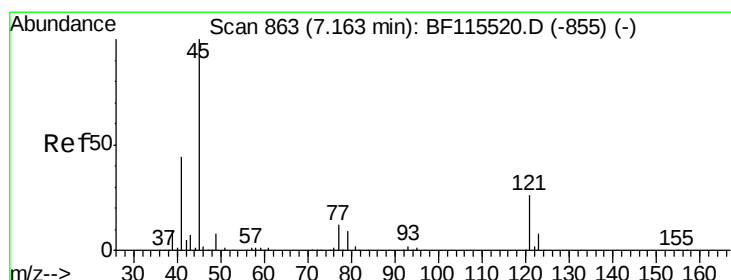
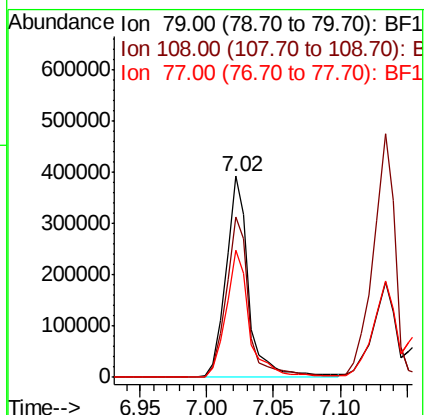
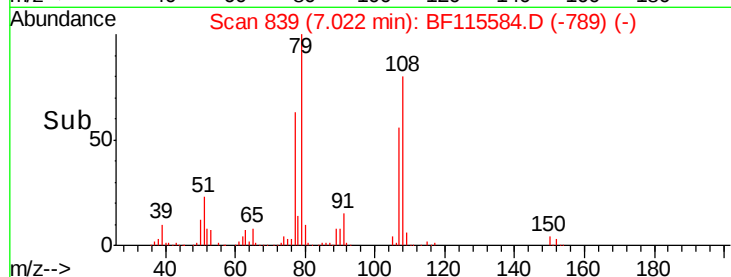
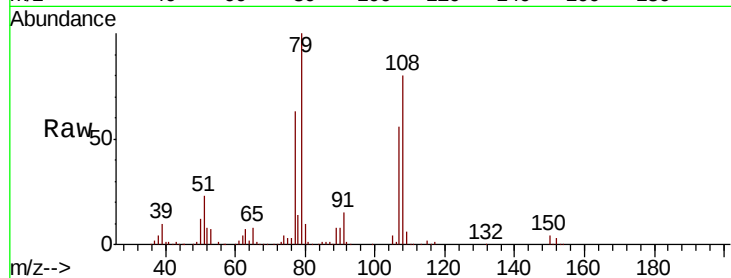
Tot Ion: 79 Resp: 472541

Ion Ratio Lower Upper

79 100

108 80.1 64.2 96.4

77 63.4 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.294 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

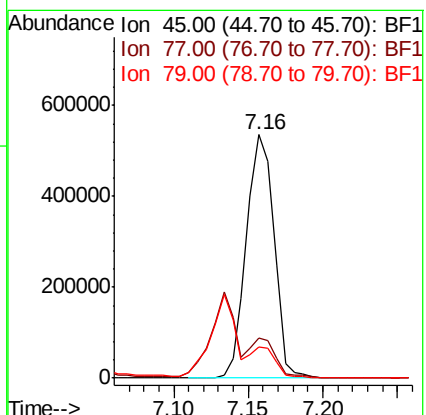
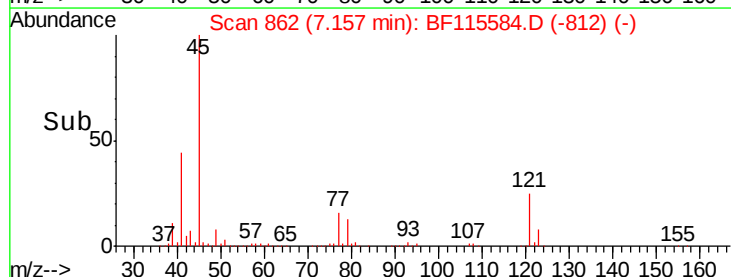
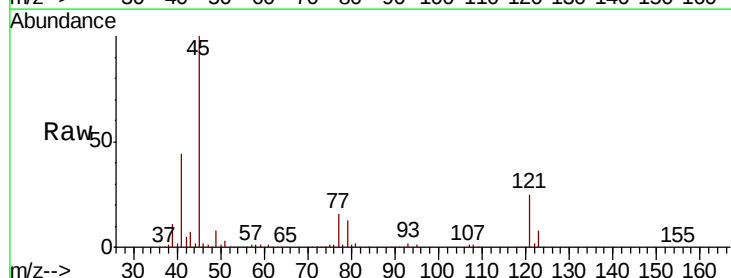
Tgt Ion: 45 Resp: 686710

Ion Ratio Lower Upper

45 100

77 16.4 0.0 38.1

79 12.7 0.0 34.1

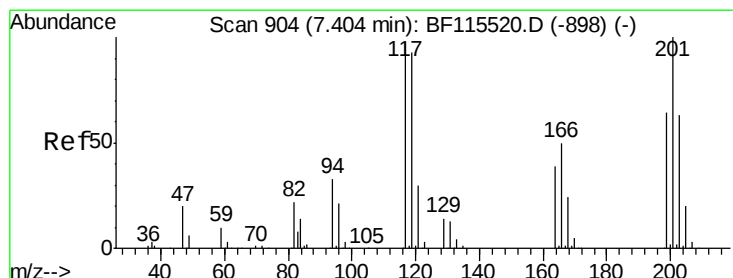
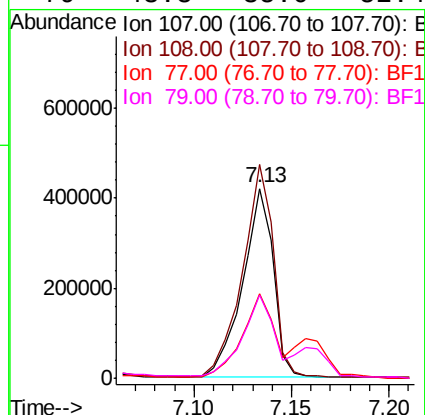
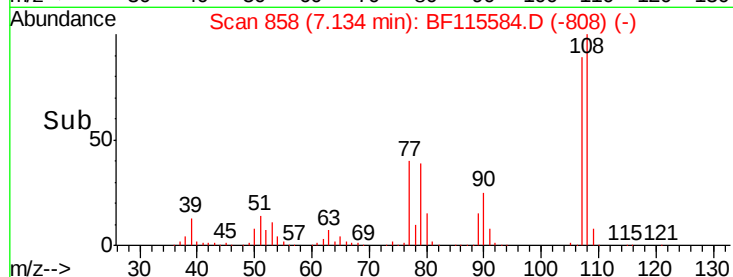
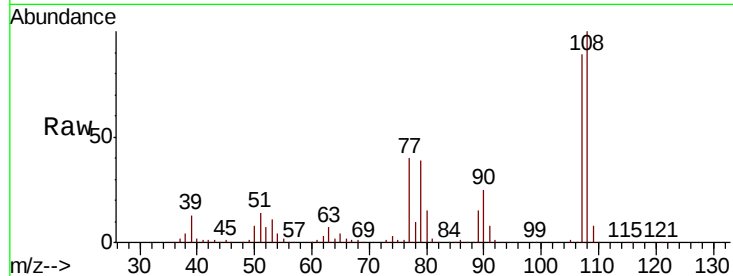




#17
2-Methylphenol
Concen: 37.989 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

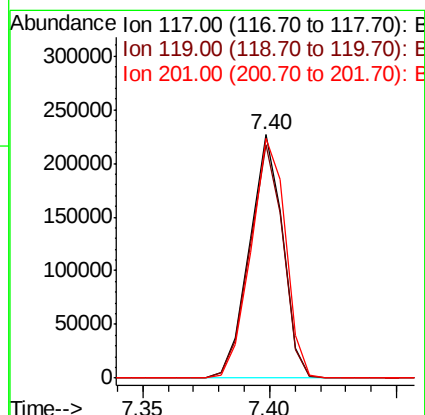
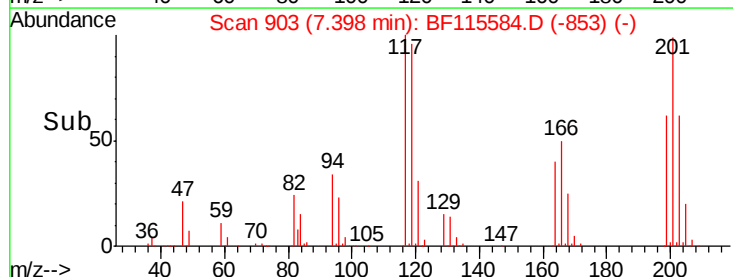
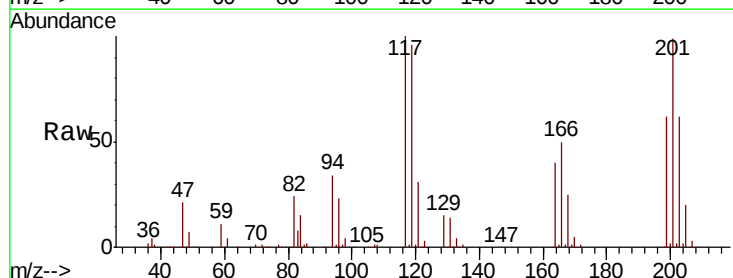
Instrument :
BNA_F
ClientSampleId :

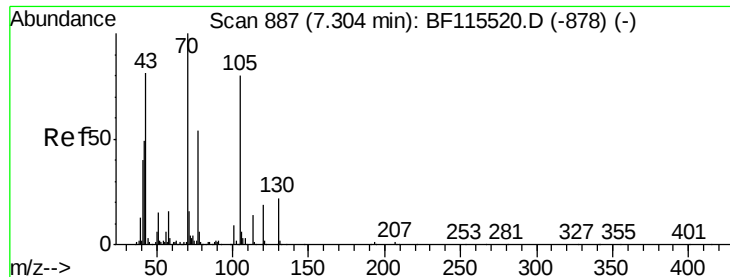
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.4	134.2
77	44.7	35.7	53.5
79	43.8	35.0	52.4



#18
Hexachloroethane
Concen: 35.474 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.7	116.5
201	98.7	86.0	129.0

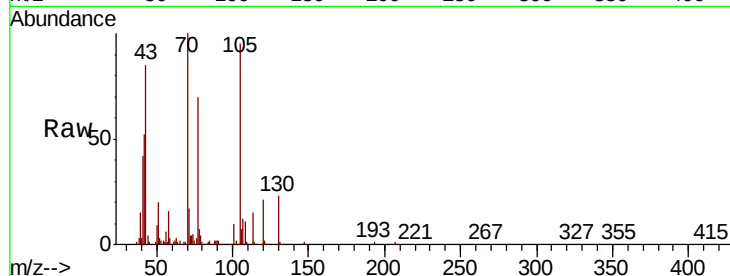




#19
n-Nitroso-di-n-propylamine
Concen: 37.082 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.0	39.6	59.4	
101	10.0	8.1	12.1	
130	22.7	18.2	27.2	



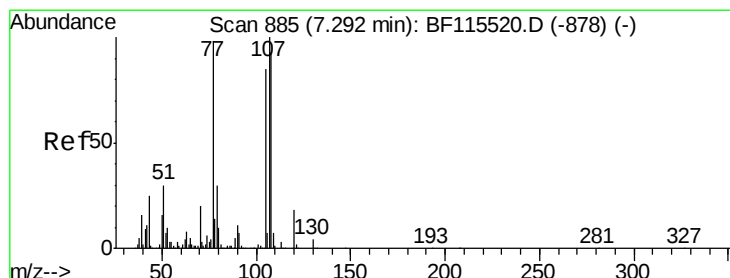
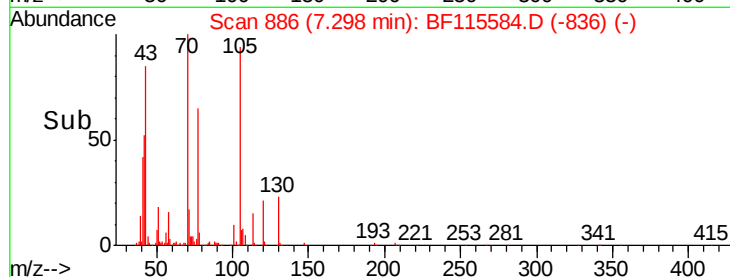
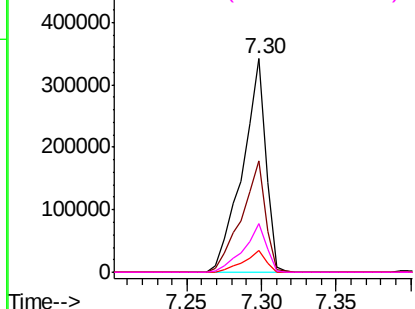
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 37.935 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	72.9	112.9	
77	101.6	77.6	117.6	
79	28.9	10.5	50.5	

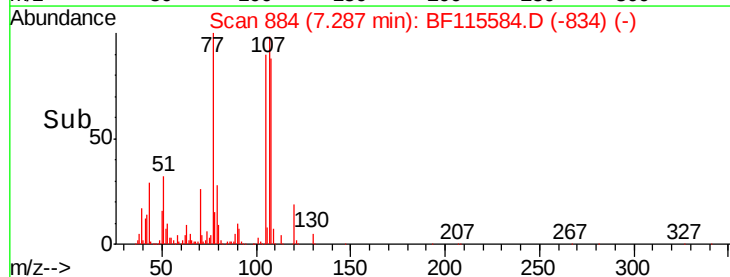
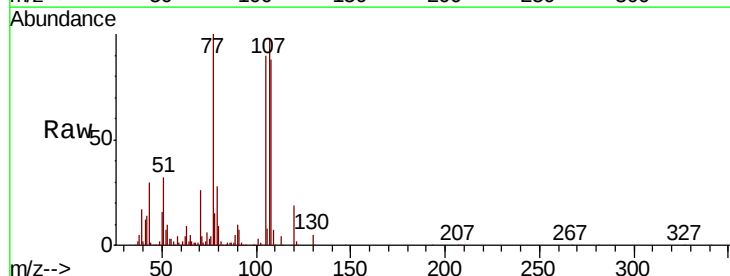
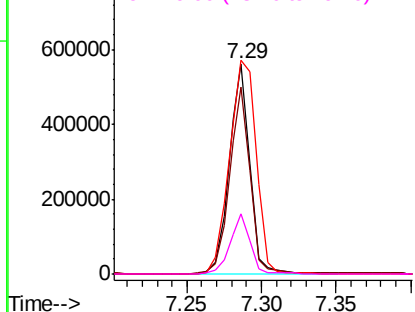
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

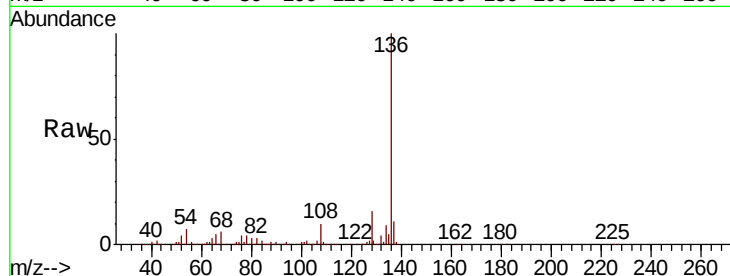




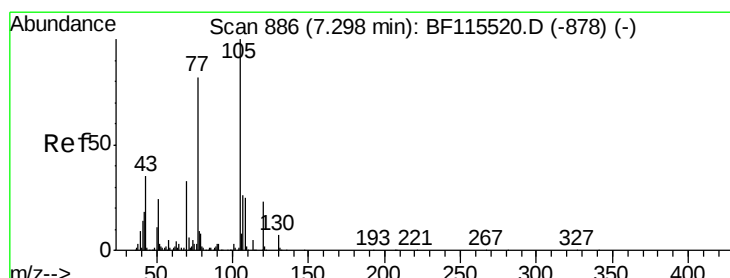
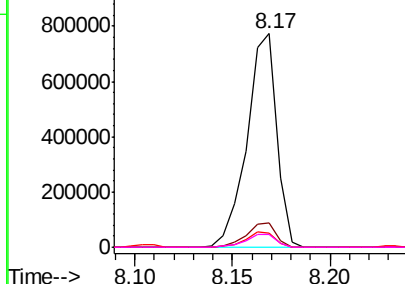
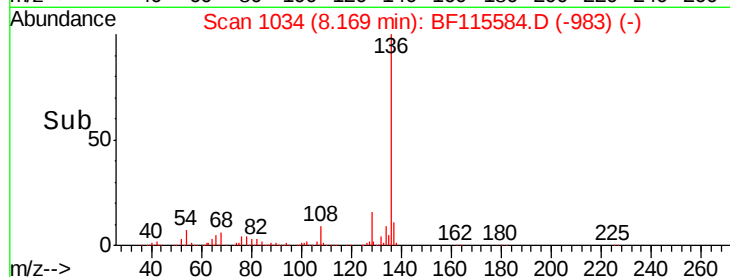
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	819972	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.0	13.4	
54 6.5	5.6	8.4	
68 5.8	5.0	7.6	

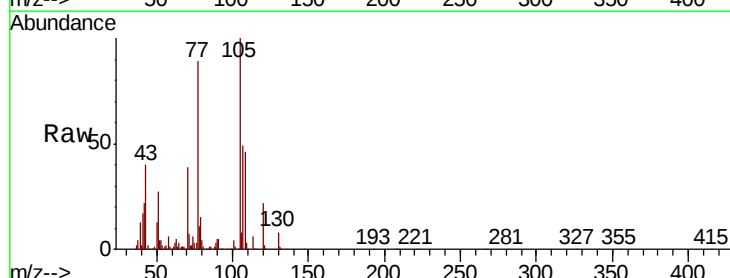


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

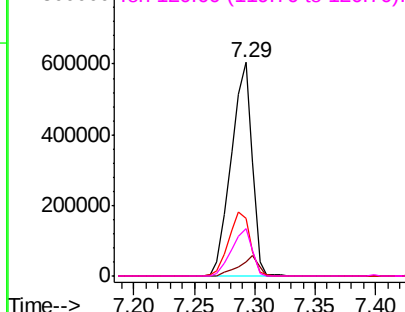
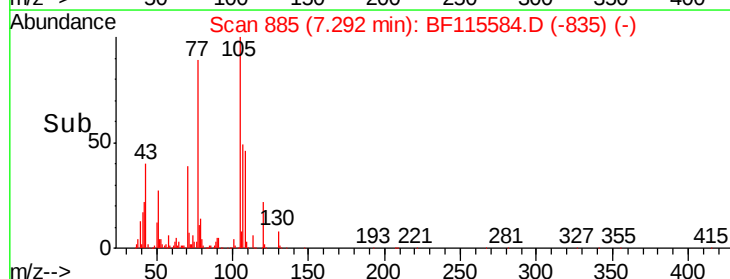


#22
Acetophenone
Concen: 39.473 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt	Ion:105	Resp:	731217
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.5	5.3#
51	27.0	25.6	38.4
120	22.2	17.9	26.9



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

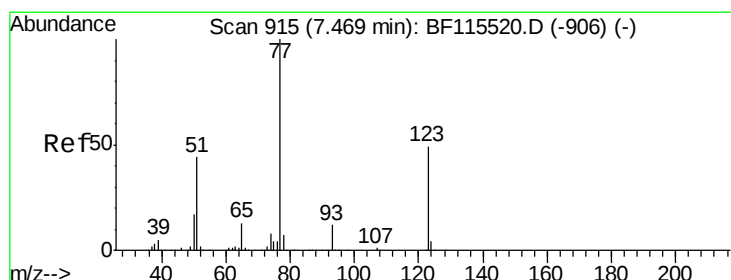
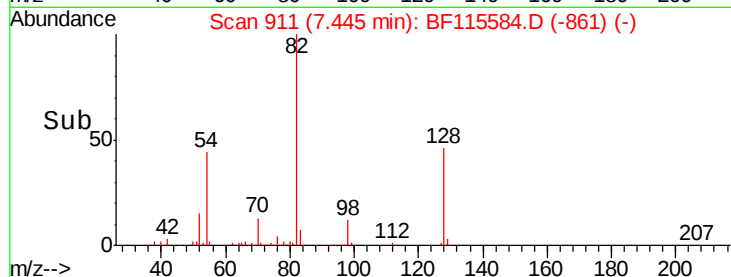
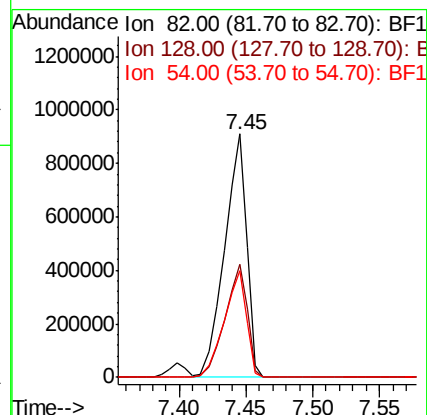
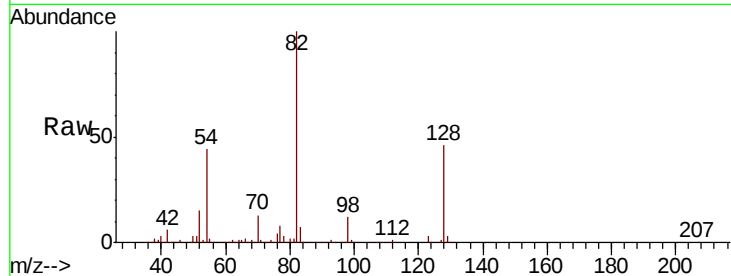




#23
 Nitrobenzene-d5
 Concen: 75.496 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

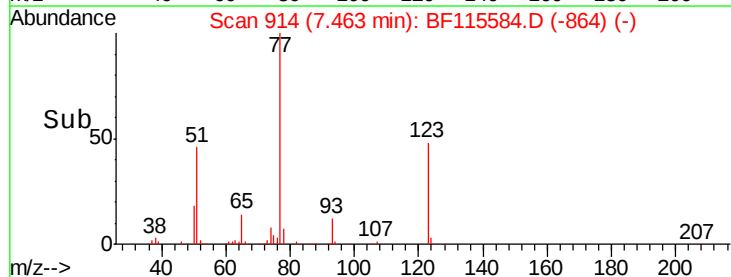
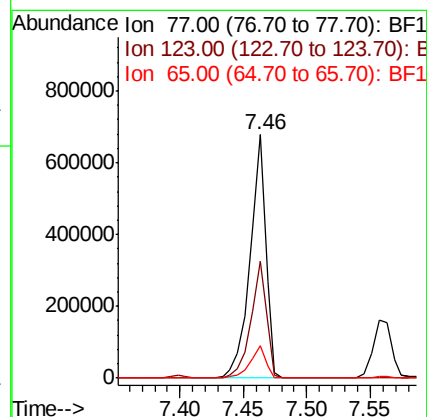
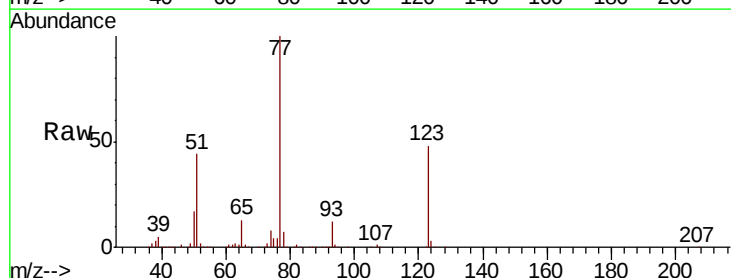
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1064631
 Ion Ratio Lower Upper
 82 100
 128 46.4 38.6 57.8
 54 43.8 35.6 53.4



#24
 Nitrobenzene
 Concen: 38.236 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion: 77 Resp: 581564
 Ion Ratio Lower Upper
 77 100
 123 47.9 40.0 60.0
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 38.021 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

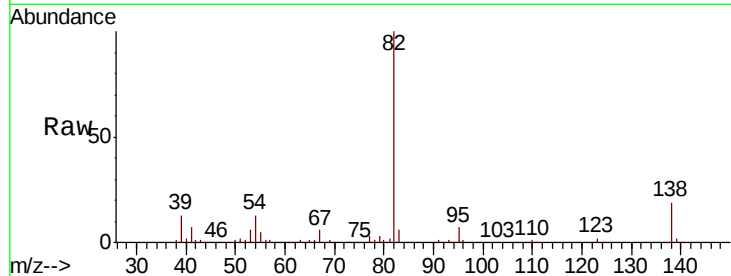
Tot Ion: 82 Resp: 1072864

Ion Ratio Lower Upper

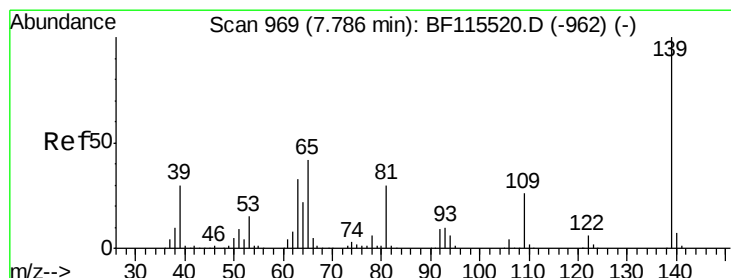
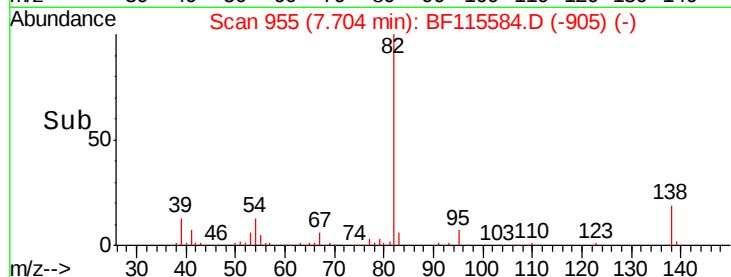
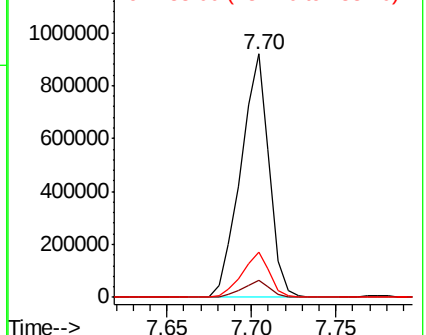
82 100

95 6.8 5.5 8.3

138 18.5 14.9 22.3



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



#26

2-Nitrophenol

Concen: 39.262 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

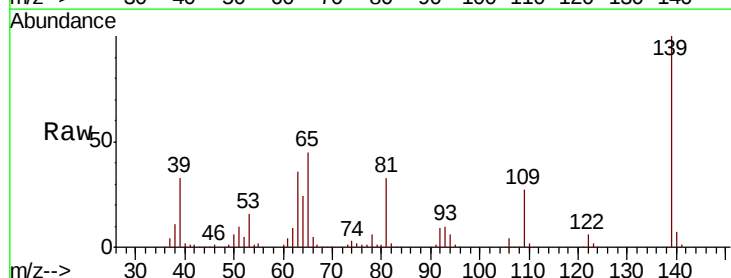
Tgt Ion: 139 Resp: 307374

Ion Ratio Lower Upper

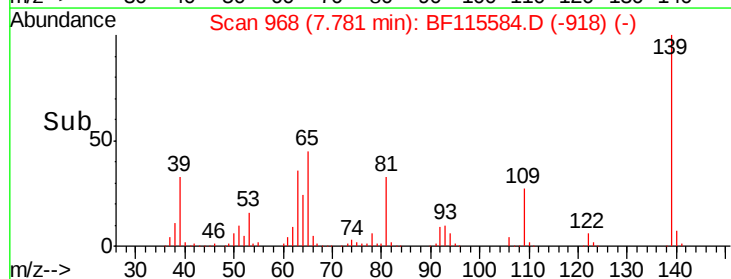
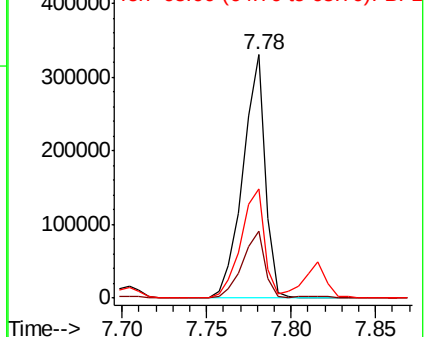
139 100

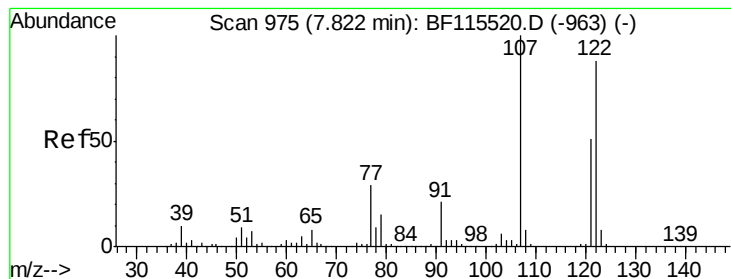
109 27.3 23.3 34.9

65 44.7 37.9 56.9



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

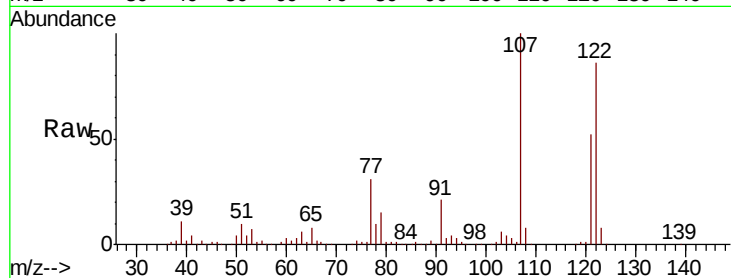




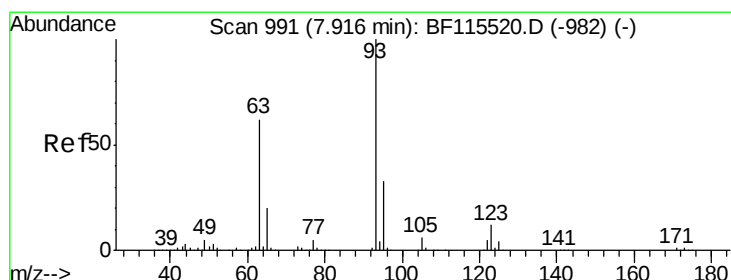
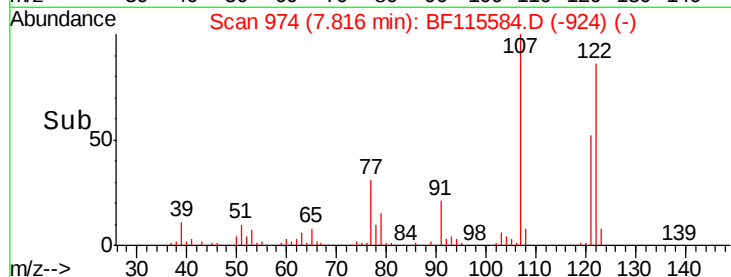
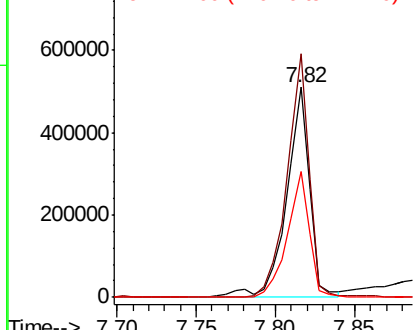
#27
 2,4-Dimethylphenol
 Concen: 43.766 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 512663
 Ion Ratio Lower Upper
 122 100
 107 116.1 92.9 139.3
 121 60.1 46.9 70.3

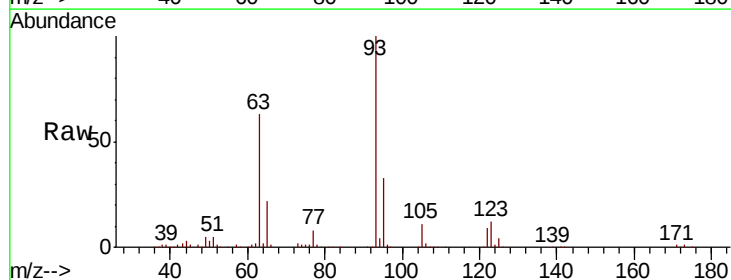


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

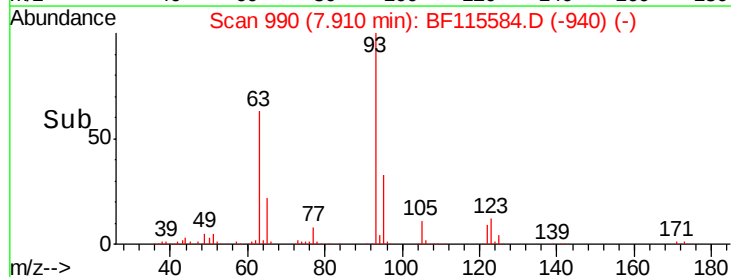
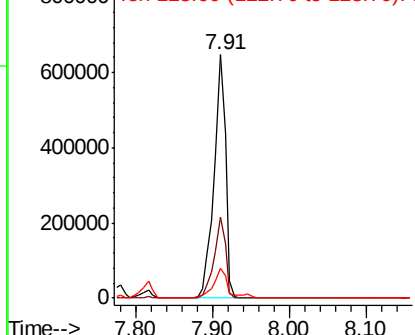


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.209 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion: 93 Resp: 661433
 Ion Ratio Lower Upper
 93 100
 95 33.2 27.0 40.4
 123 12.4 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

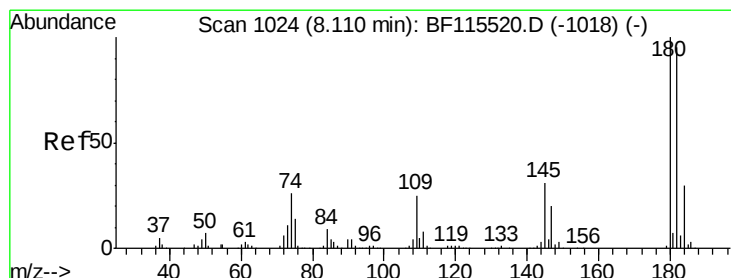
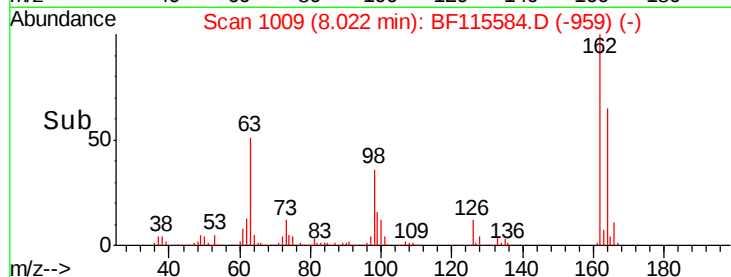
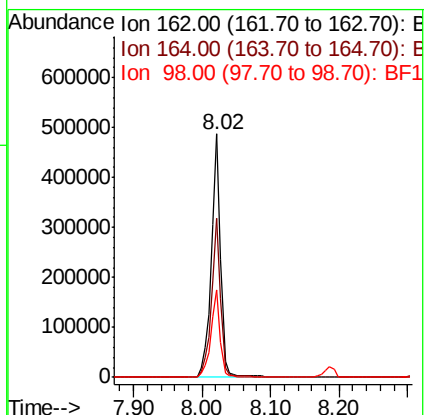
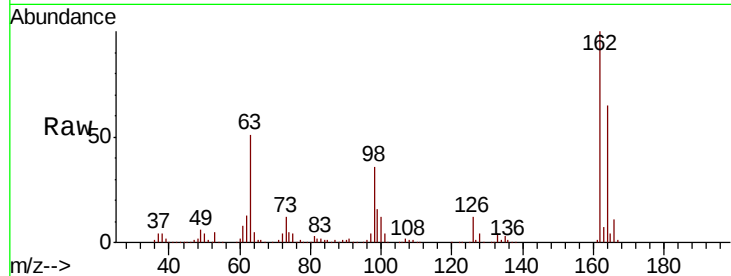




#29
2,4-Dichlorophenol
Concen: 38.276 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

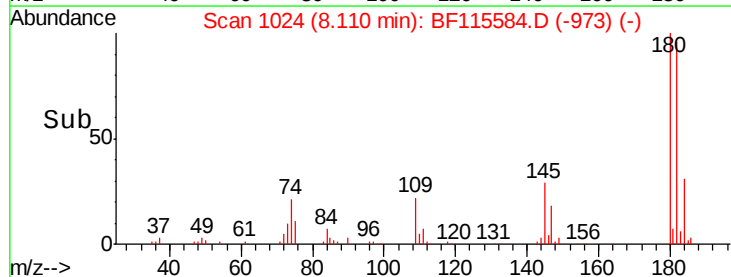
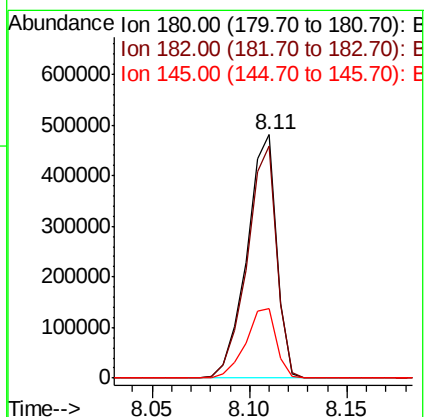
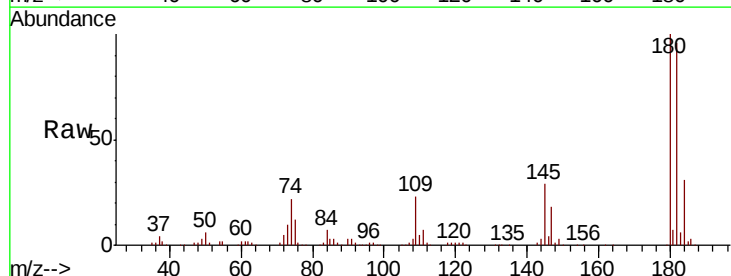
Instrument :
BNA_F
ClientSampled :

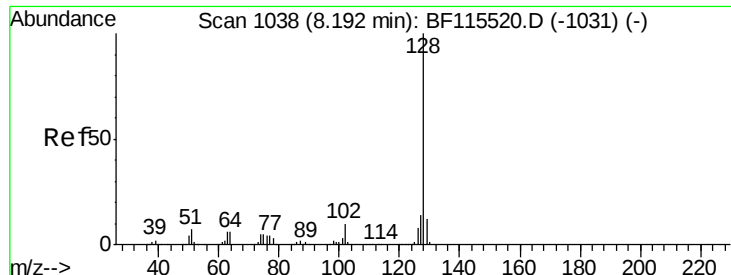
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	36.0	17.7	57.7



#30
1,2,4-Trichlorobenzene
Concen: 36.776 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
145	28.8	25.1	37.7

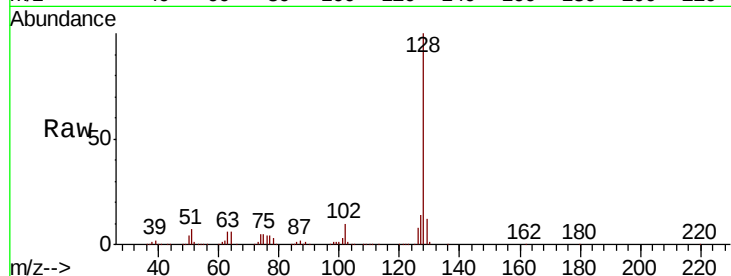




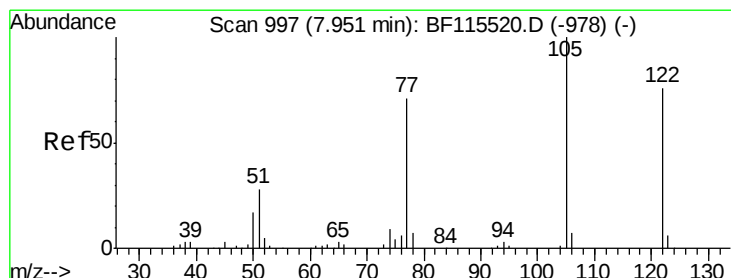
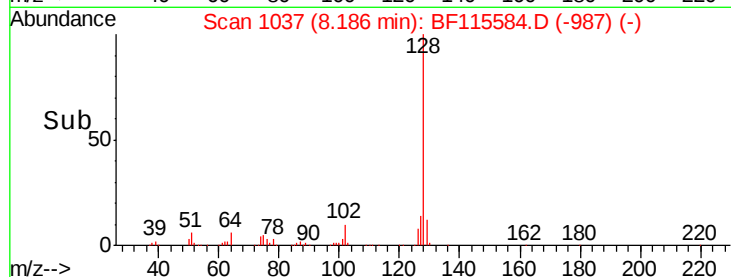
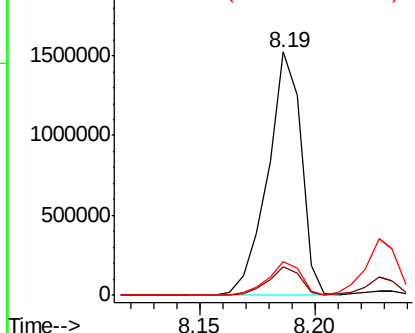
#31
Naphthalene
Concen: 38.613 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1533374
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 13.7 12.1 18.1

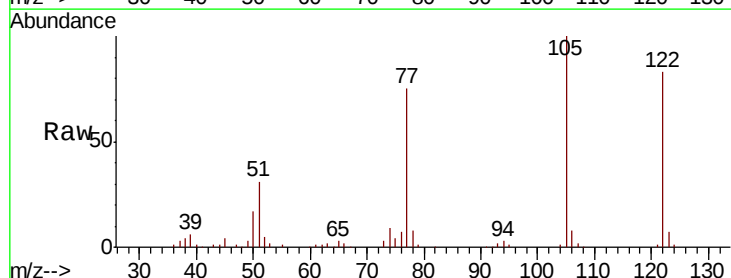


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

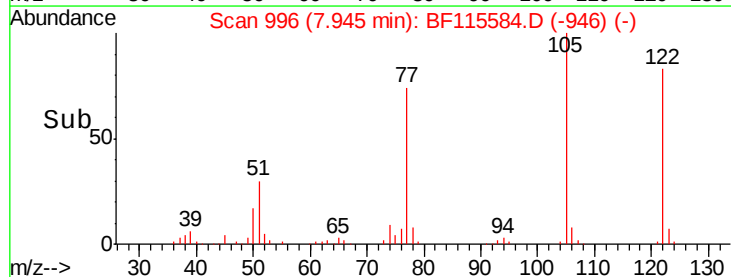
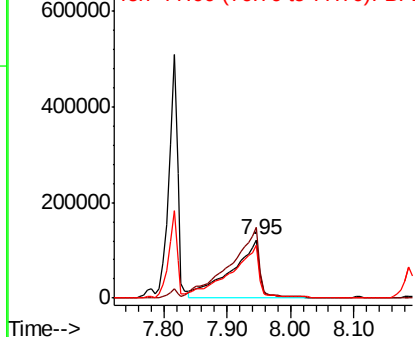


#32
Benzoic acid
Concen: 39.640 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:122 Resp: 381065
Ion Ratio Lower Upper
122 100
105 120.9 102.5 142.5
77 90.3 70.2 110.2



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

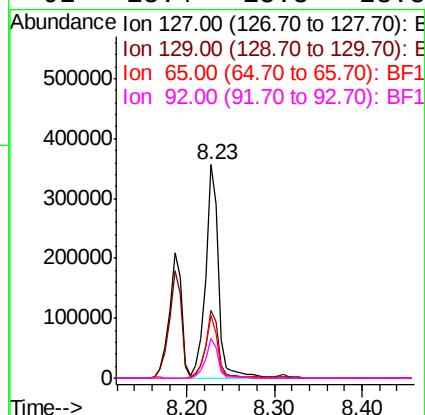
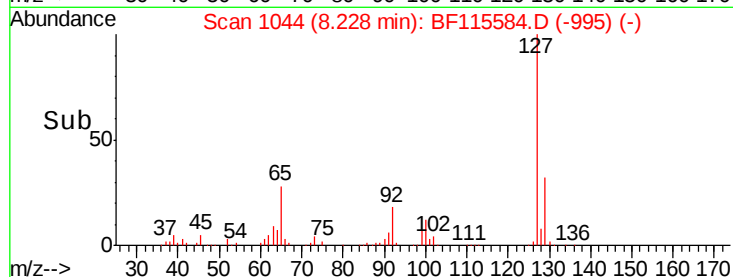
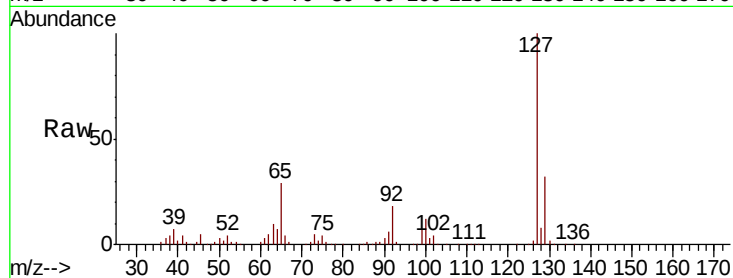




#33
4-Chloroaniline
Concen: 20.908 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

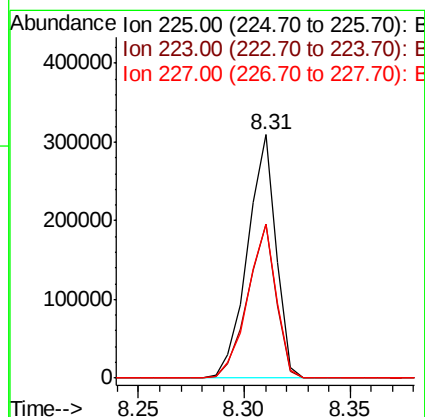
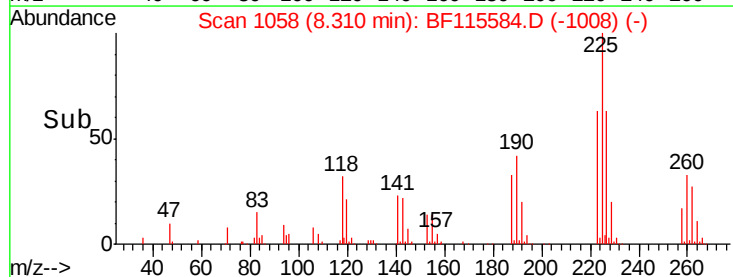
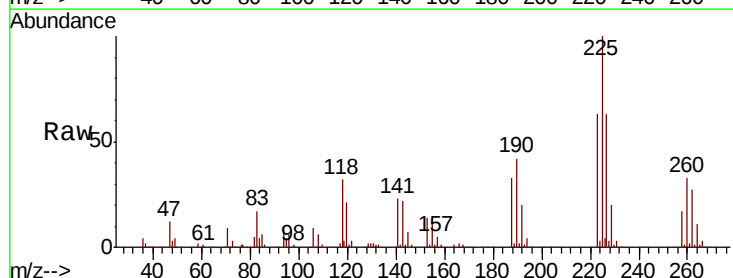
Instrument :
BNA_F
ClientSampleId :

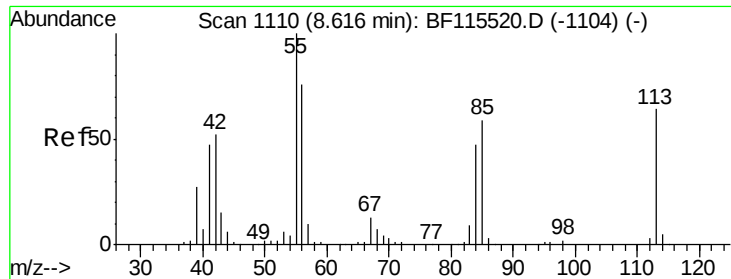
Tot Ion:	127	Resp:	367778
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	39.8
65	29.1	23.7	35.5
92	18.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 36.756 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:	225	Resp:	290255
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.9	76.3
227	63.0	50.7	76.1

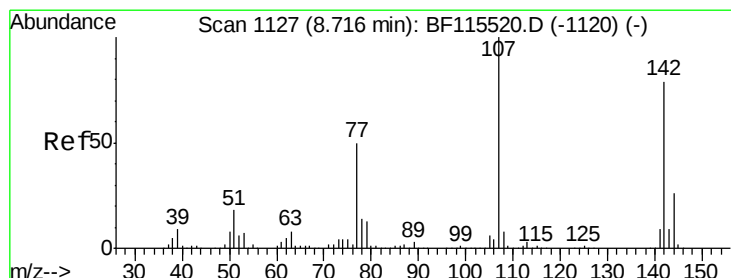
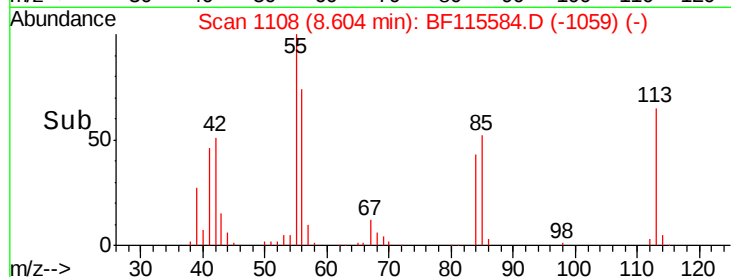
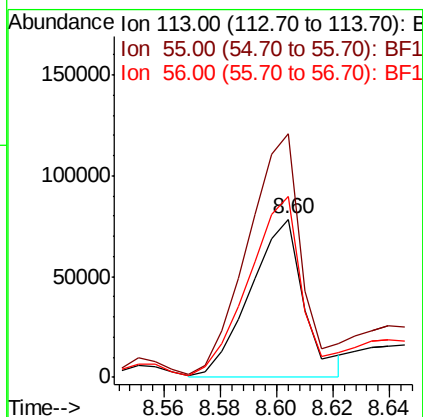
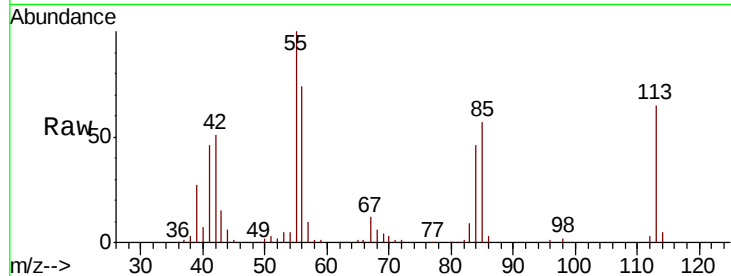




#35
Caprolactam
Concen: 27.374 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

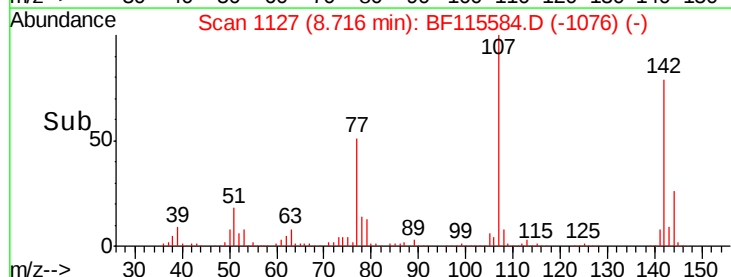
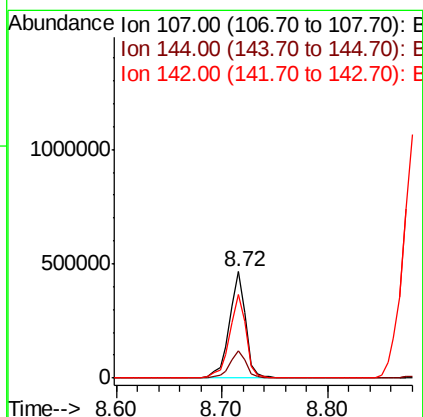
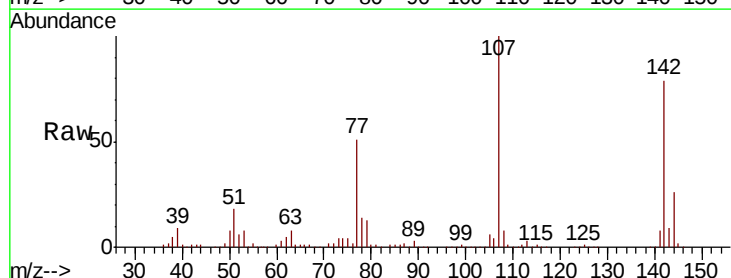
Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 103050
Ion Ratio Lower Upper
113 100
55 154.2 126.9 166.9
56 114.2 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 38.894 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:107 Resp: 491496
Ion Ratio Lower Upper
107 100
144 25.6 20.6 30.8
142 79.0 63.1 94.7

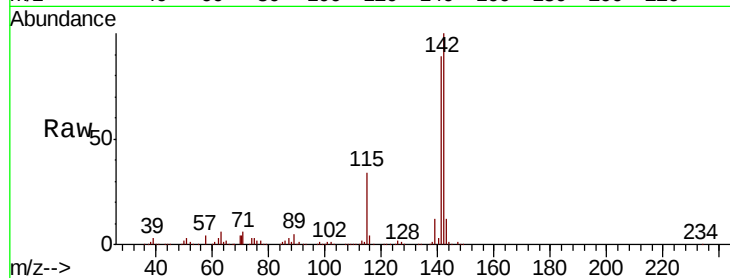




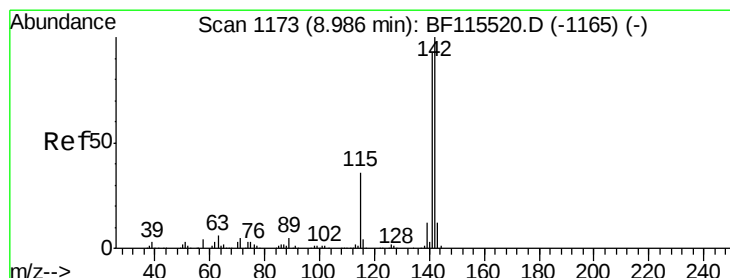
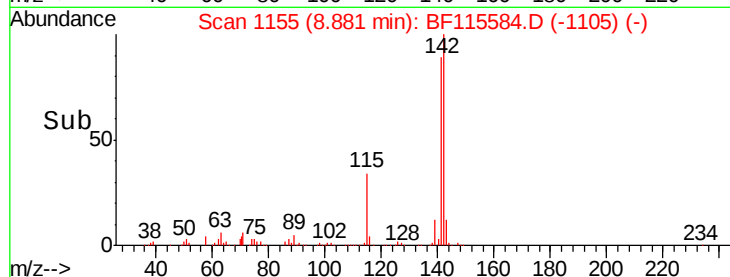
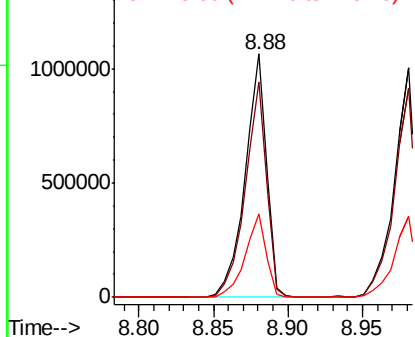
#37
2-Methylnaphthalene
Concen: 39.897 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1050215
Ion Ratio Lower Upper
142 100
141 88.7 72.0 108.0
115 34.4 29.9 44.9

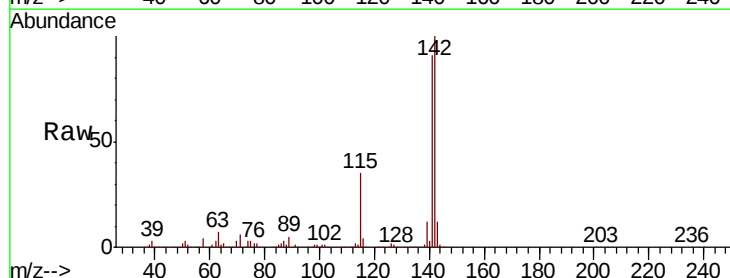


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

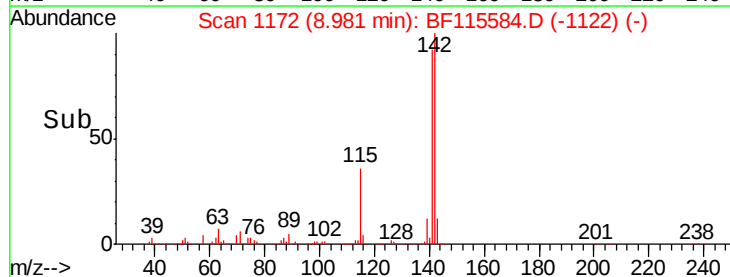
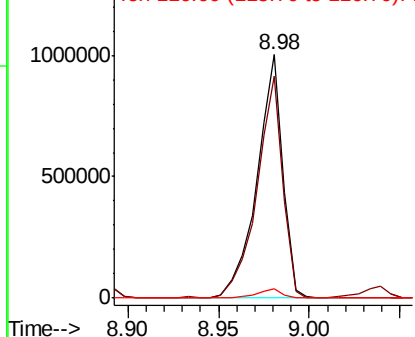


#38
1-Methylnaphthalene
Concen: 39.560 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:142 Resp: 989125
Ion Ratio Lower Upper
142 100
141 91.3 75.3 112.9
116 3.7 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampled :

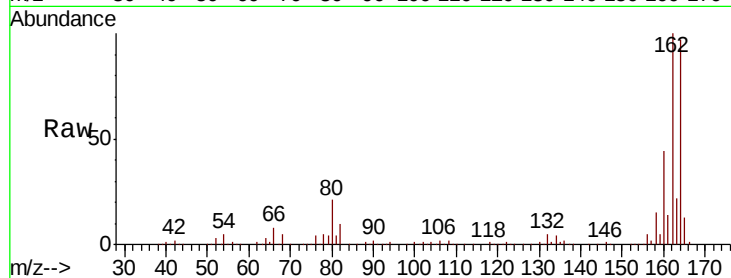
Tot Ion:164 Resp: 354346

Ion Ratio Lower Upper

164 100

162 103.2 82.9 124.3

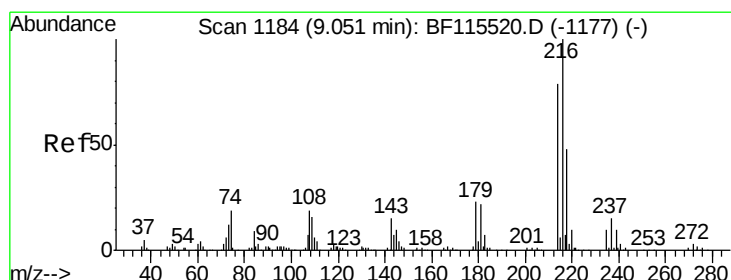
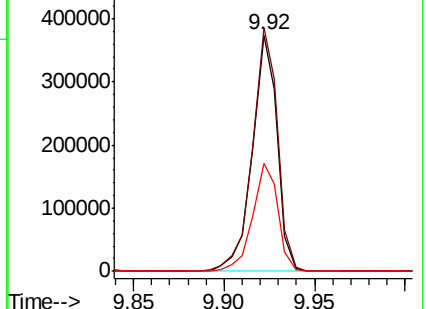
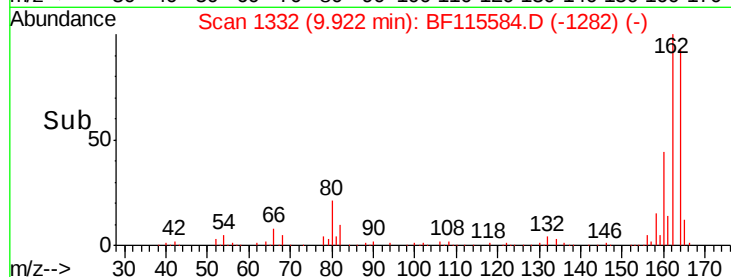
160 45.7 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.677 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:216 Resp: 476735

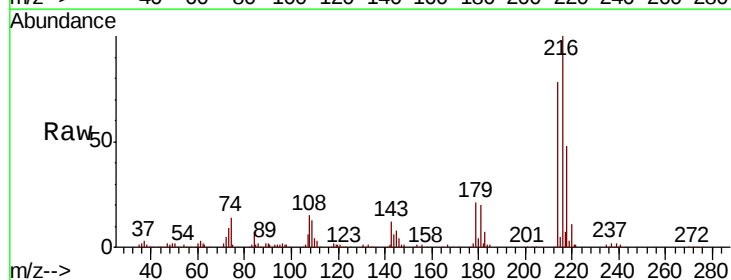
Ion Ratio Lower Upper

216 100

214 79.7 65.1 97.7

179 21.9 18.3 27.5

108 20.3 15.7 23.5

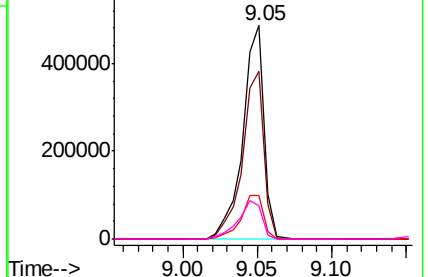
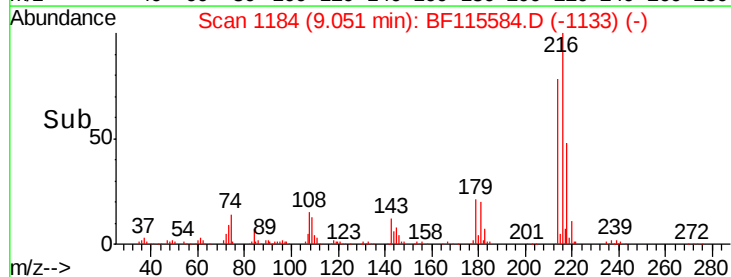


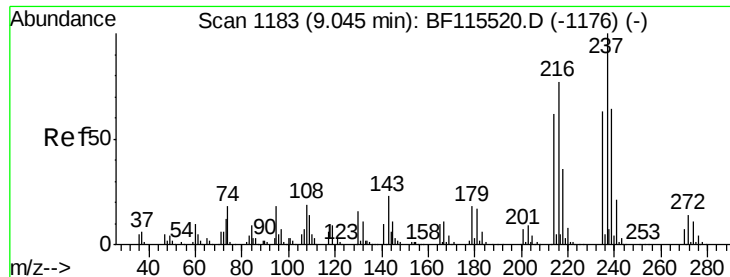
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

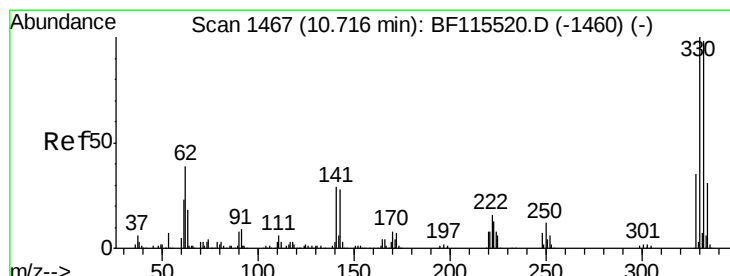
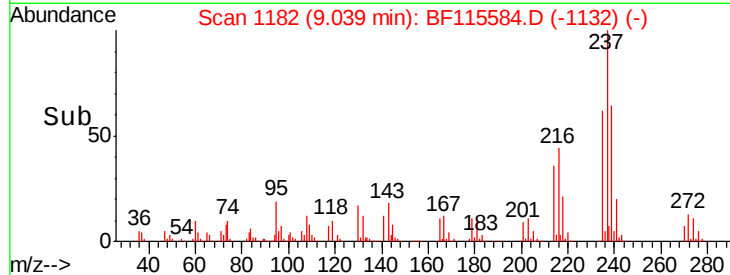
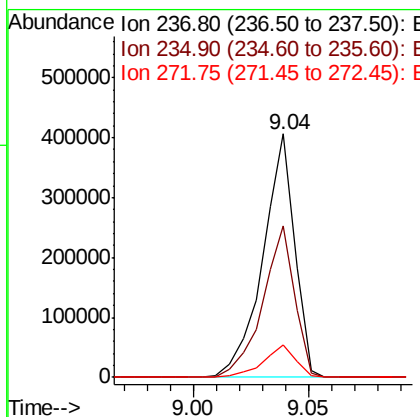
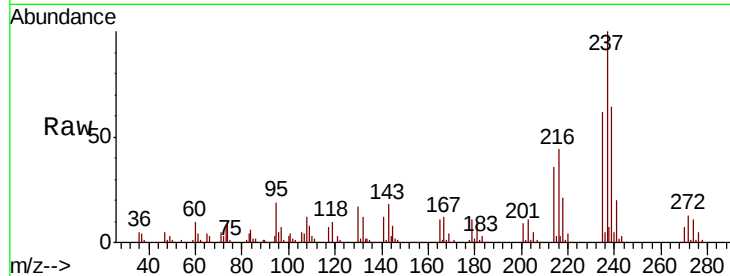




#41
Hexachlorocyclopentadiene
Concen: 63.988 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

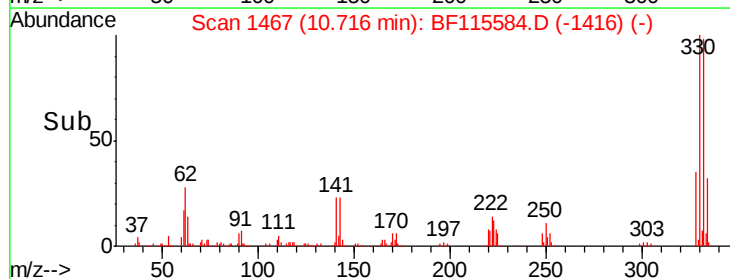
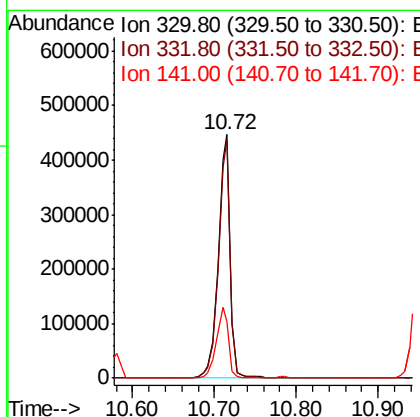
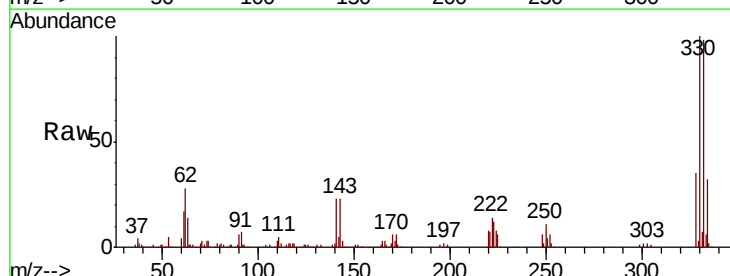
Instrument :
BNA_F
ClientSampled :

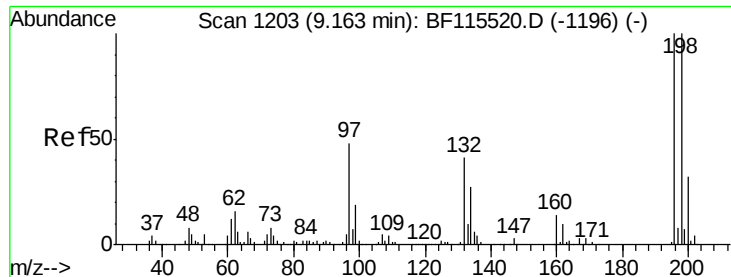
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.6	83.6
272	13.4	0.0	33.9



#42
2,4,6-Tribromophenol
Concen: 109.778 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	30.2	22.4	33.6

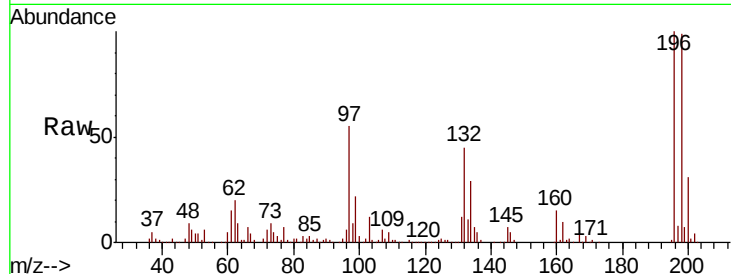




#43
 2,4,6-Trichlorophenol
 Concen: 43.578 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	340052
Ion Ratio	Lower	Upper	
196	100		
198	99.4	80.6	121.0
200	31.4	25.8	38.6

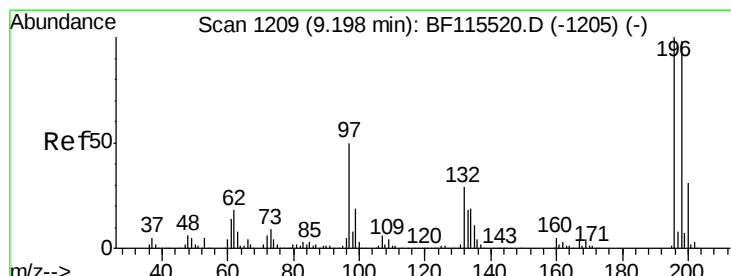
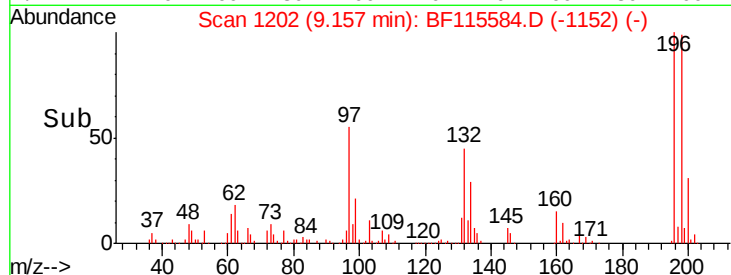
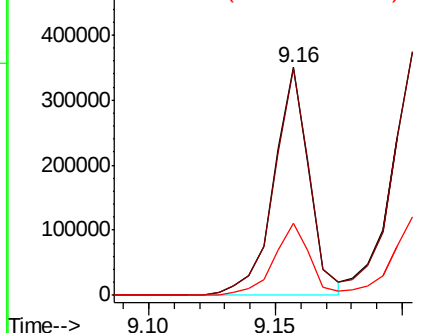


Abundance

Ion 196.00 (195.70 to 196.70): E

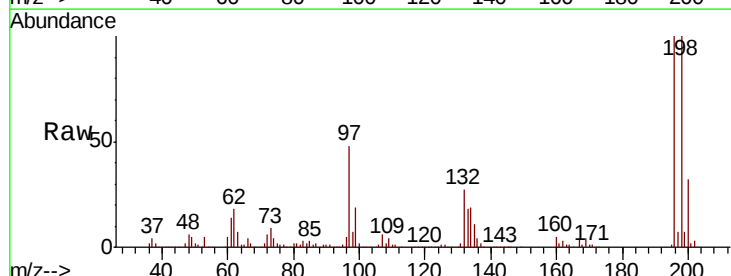
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.565 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	196	Resp	356137
Ion Ratio	Lower	Upper	
196	100		
198	100.2	79.6	119.4
97	48.0	37.8	56.6
132	27.4	22.8	34.2



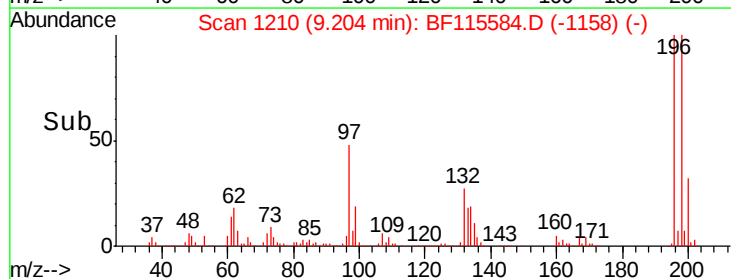
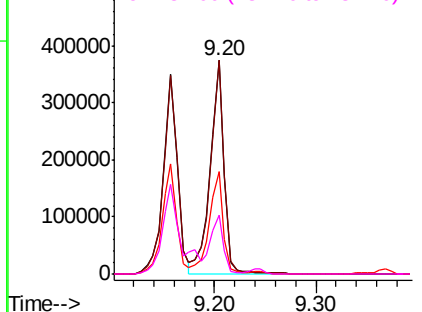
Abundance

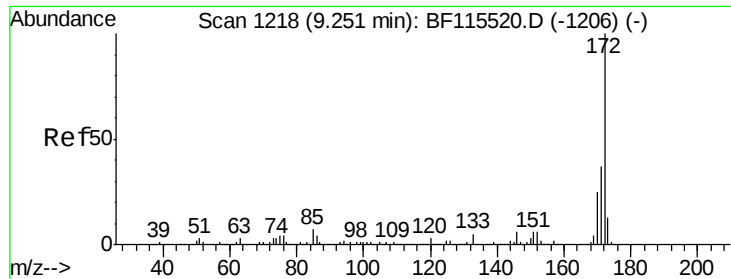
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

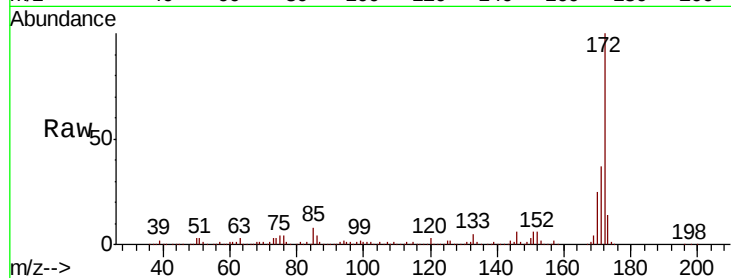




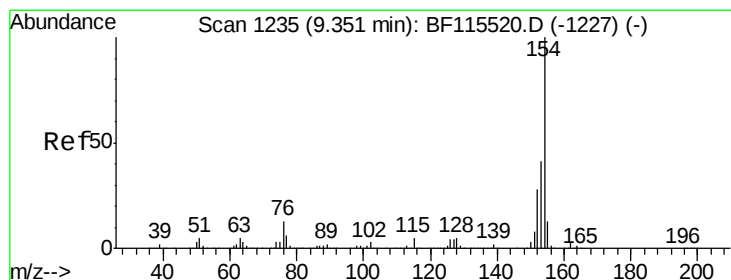
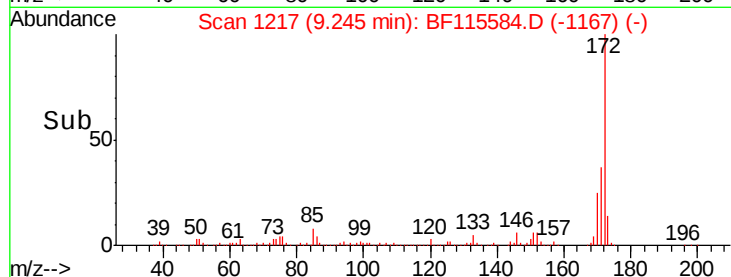
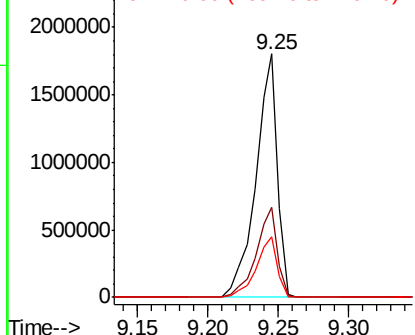
#45
2-Fluorobiphenyl
Concen: 95.341 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1930190
Ion Ratio Lower Upper
172 100
171 37.2 30.6 46.0
170 24.9 20.5 30.7

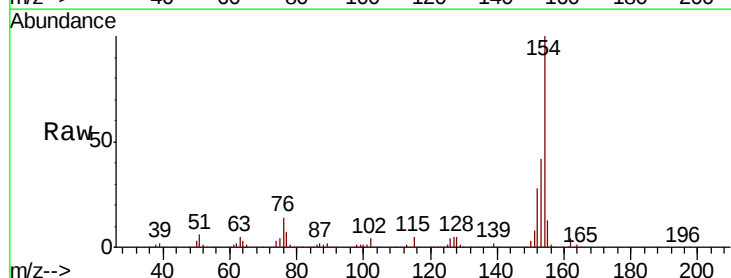


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

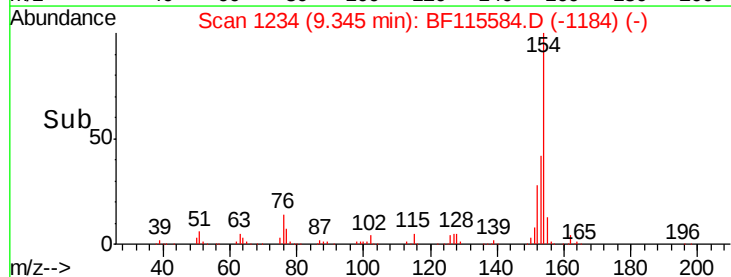
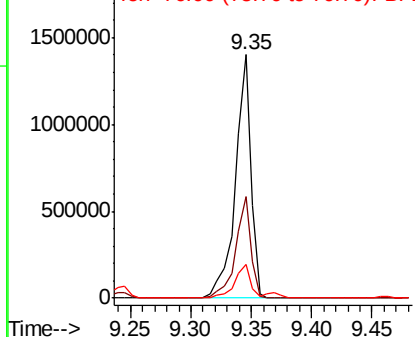


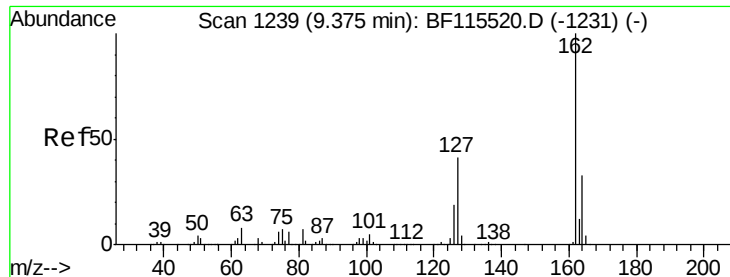
#46
1,1'-Biphenyl
Concen: 45.419 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:154 Resp: 1258204
Ion Ratio Lower Upper
154 100
153 41.7 22.6 62.6
76 13.9 0.0 33.4



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

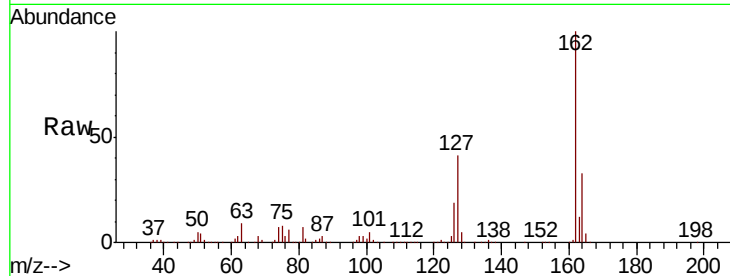




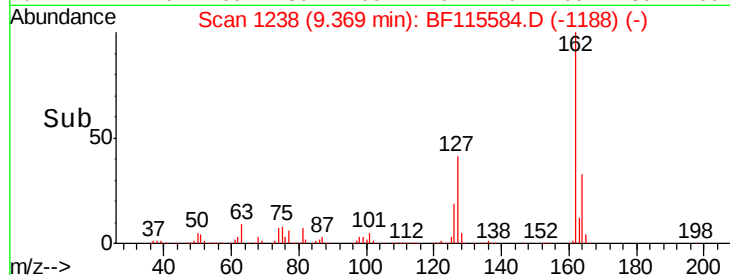
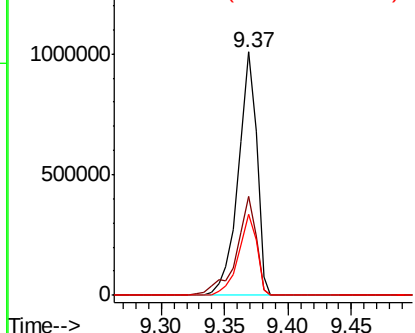
#47
 2-Chloronaphthalene
 Concen: 43.781 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1009874
 Ion Ratio Lower Upper
 162 100
 127 40.8 34.1 51.1
 164 33.4 27.4 41.2

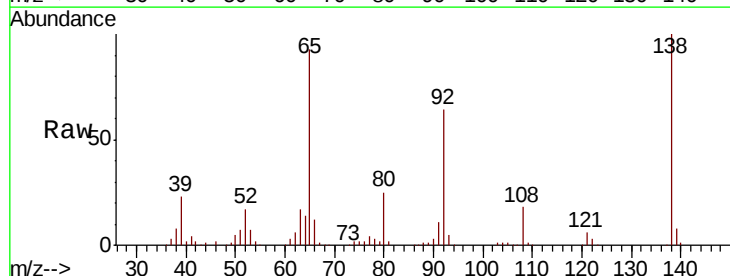


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

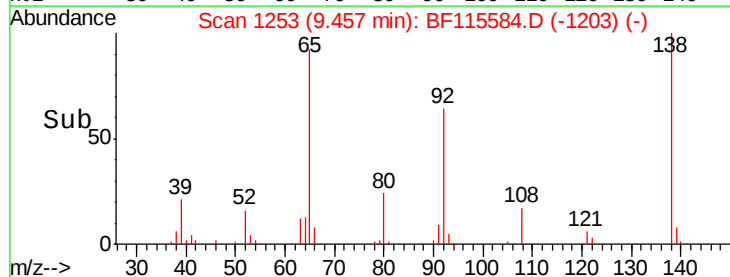
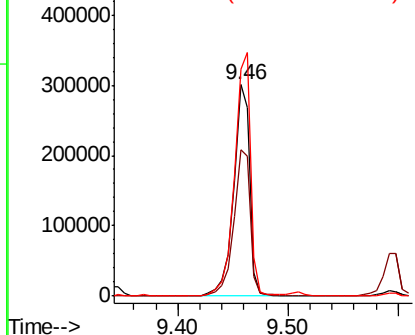


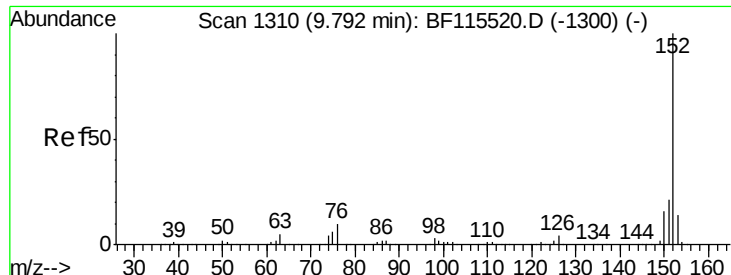
#48
 2-Nitroaniline
 Concen: 43.488 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion: 65 Resp: 310479
 Ion Ratio Lower Upper
 65 100
 92 69.1 57.8 86.6
 138 107.7 91.2 136.8



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





#49

Acenaphthylene

Concen: 38.695 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

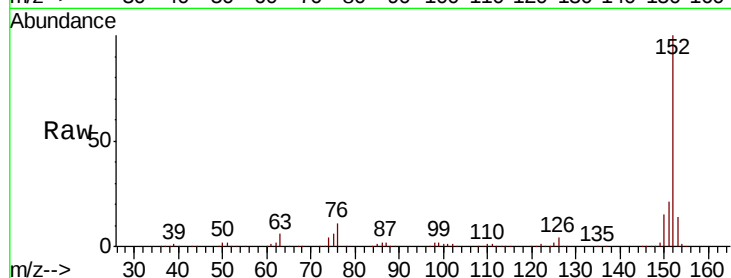
Tot Ion:152 Resp: 1322554

Ion Ratio Lower Upper

152 100

151 20.7 17.7 26.5

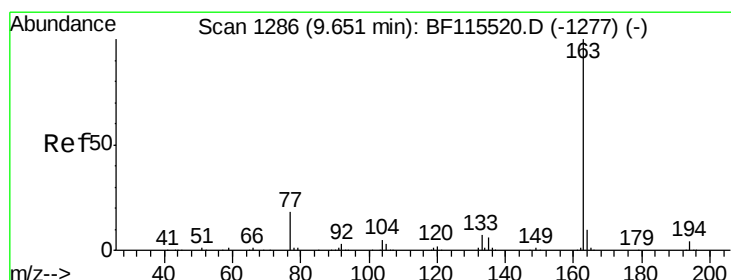
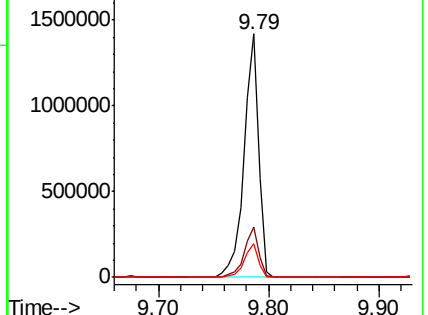
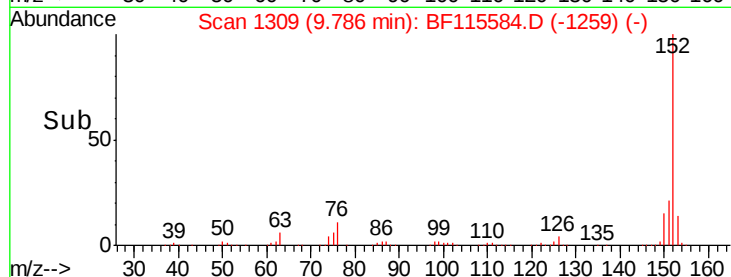
153 14.1 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.121 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

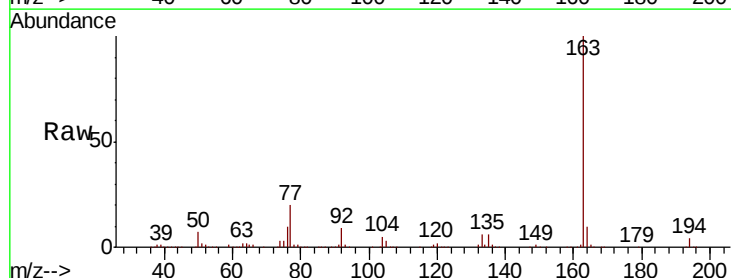
Tgt Ion:163 Resp: 1122931

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

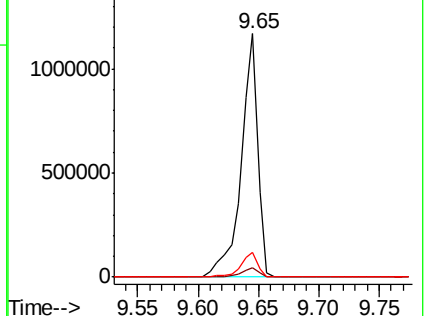
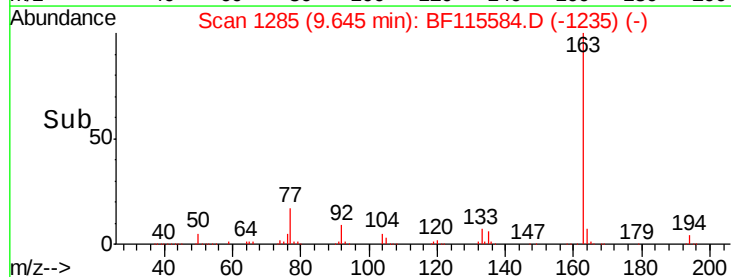
164 10.2 8.7 13.1

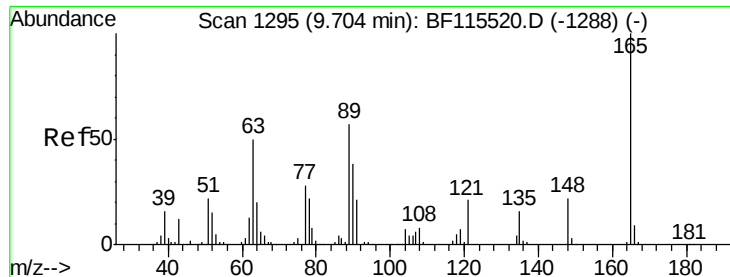


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.463 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

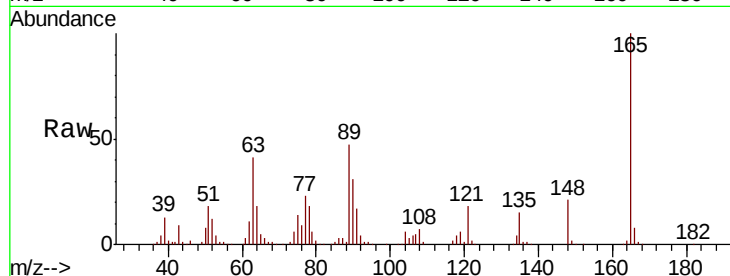
Tot Ion:165 Resp: 239095

Ion Ratio Lower Upper

165 100

63 41.1 40.6 61.0

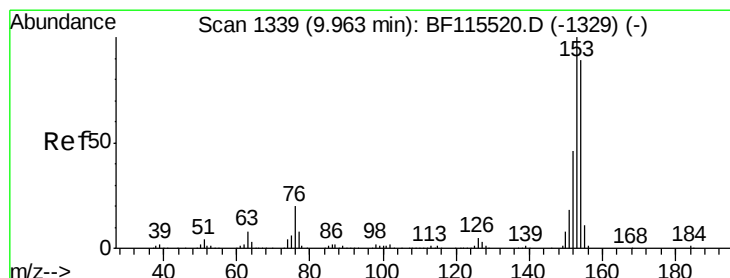
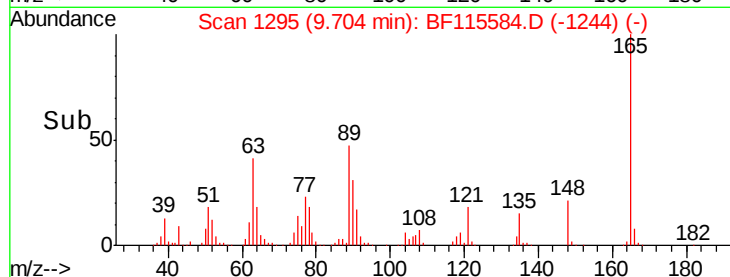
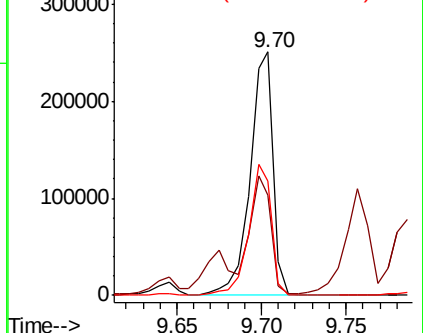
89 46.8 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.112 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

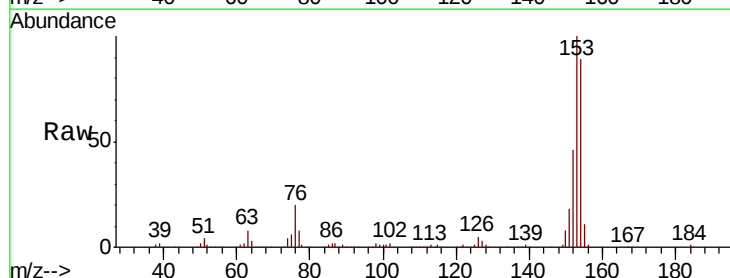
Tgt Ion:154 Resp: 929253

Ion Ratio Lower Upper

154 100

153 112.8 88.6 133.0

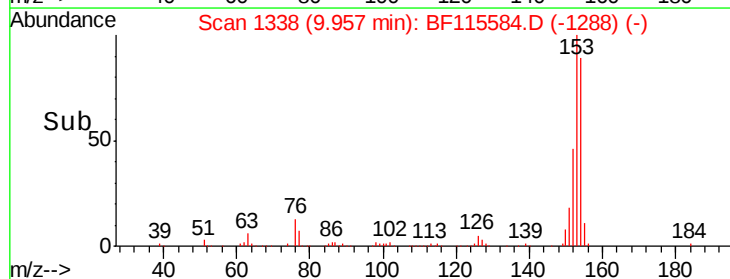
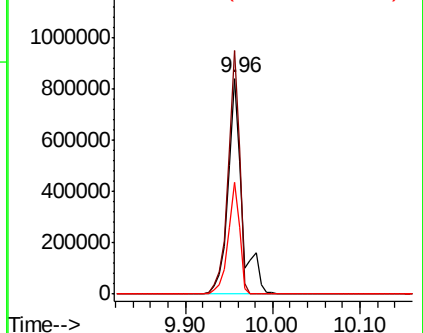
152 51.7 42.3 63.5

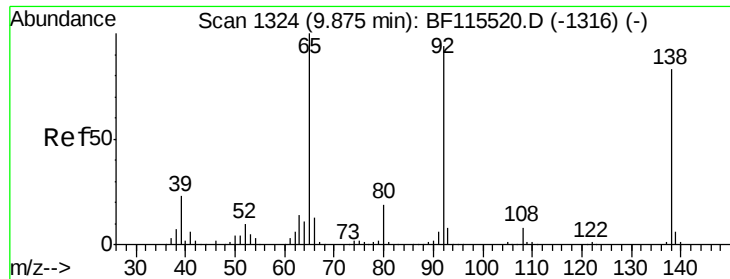


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

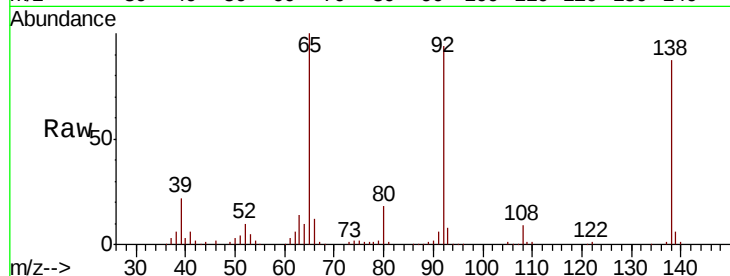




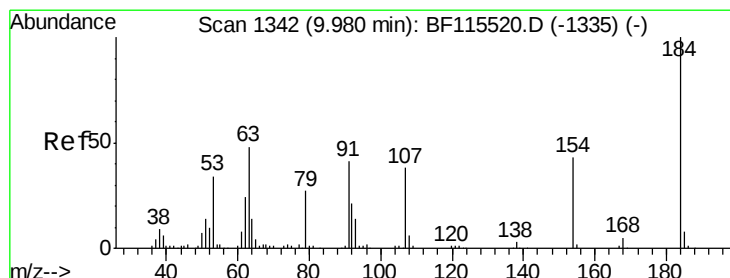
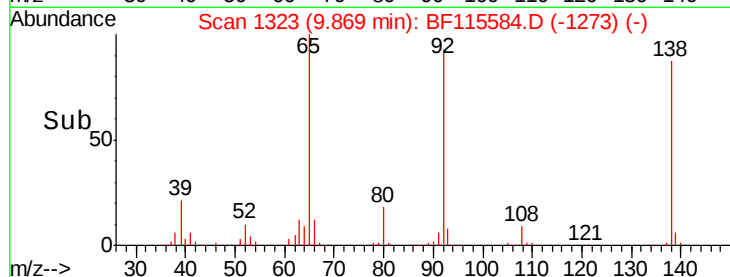
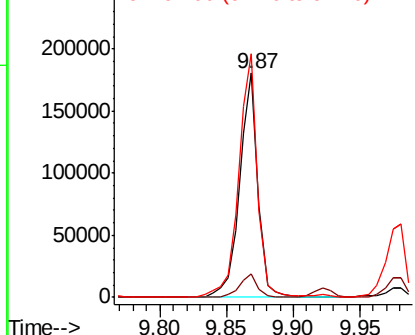
#53
3-Nitroaniline
Concen: 24.898 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 172386
Ion Ratio Lower Upper
138 100
108 10.3 8.4 12.6
92 108.7 88.0 132.0

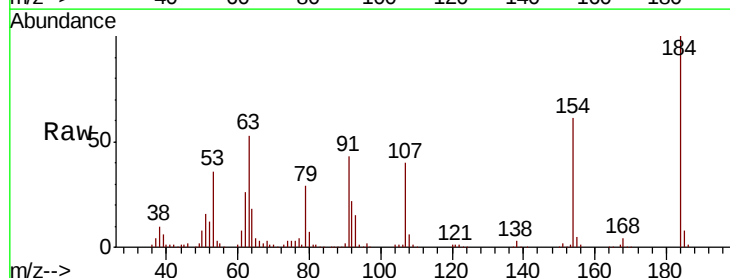


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

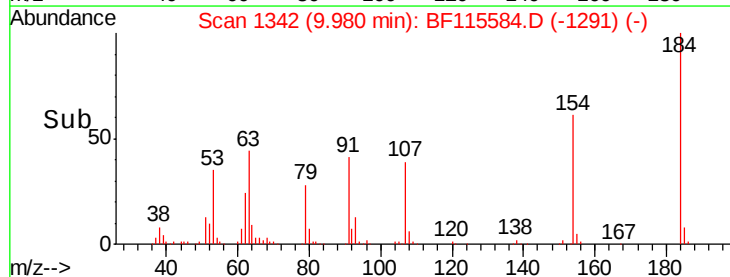
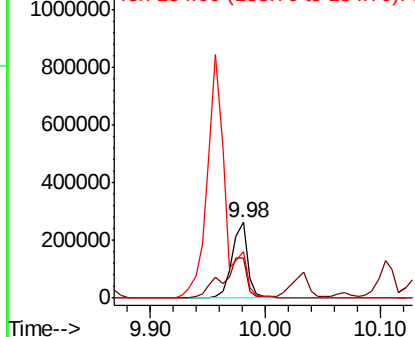


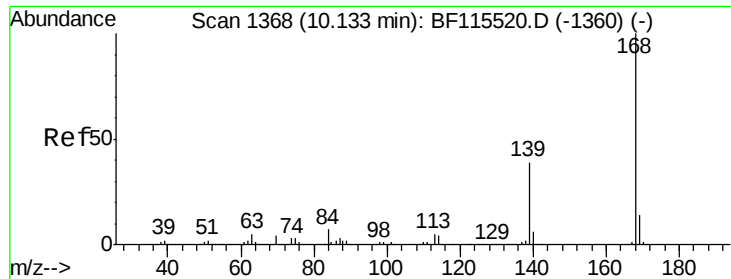
#54
2,4-Dinitrophenol
Concen: 80.346 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:184 Resp: 249926
Ion Ratio Lower Upper
184 100
63 53.2 48.7 73.1
154 60.7 48.6 73.0



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

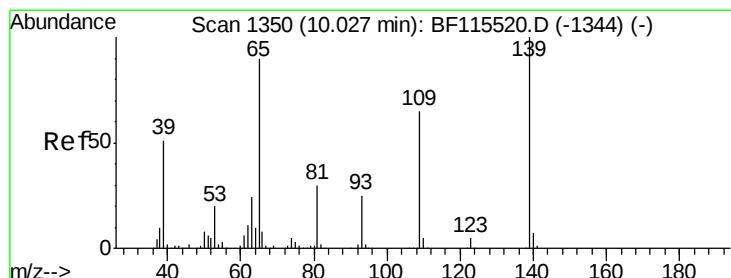
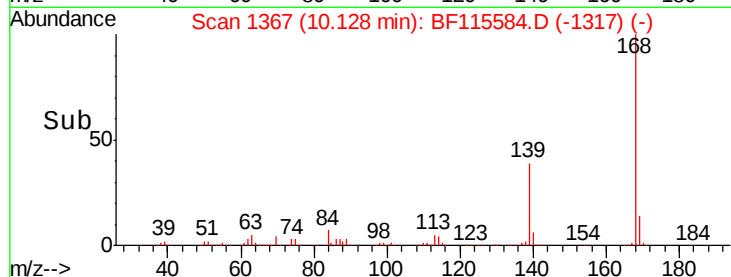
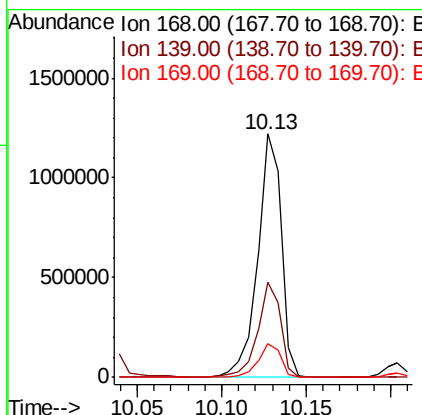
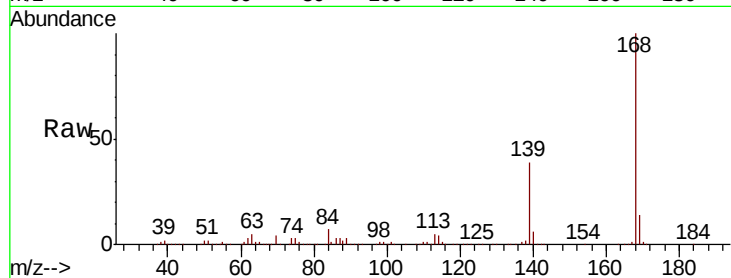




#55
Dibenzenofuran
Concen: 37.954 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

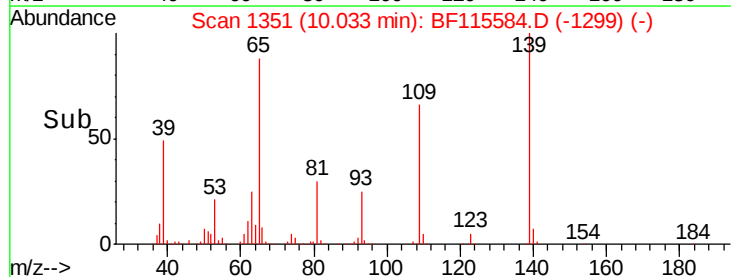
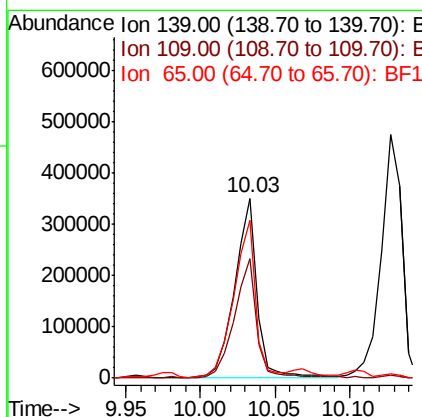
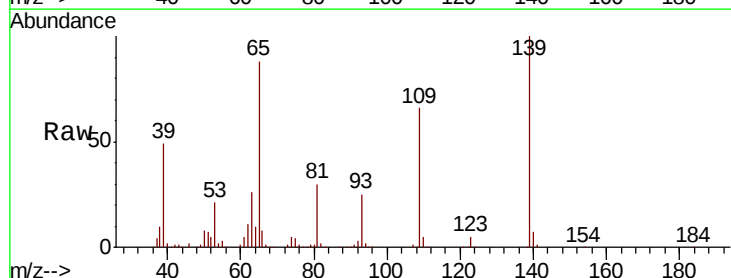
Instrument :
BNA_F
ClientSampleId :

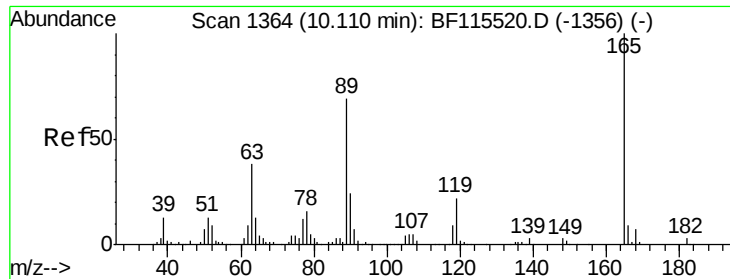
Tot Ion:168 Resp: 1189350
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 13.9 11.1 16.7



#56
4-Nitrophenol
Concen: 70.378 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:139 Resp: 371564
Ion Ratio Lower Upper
139 100
109 66.3 46.4 86.4
65 87.7 68.9 108.9

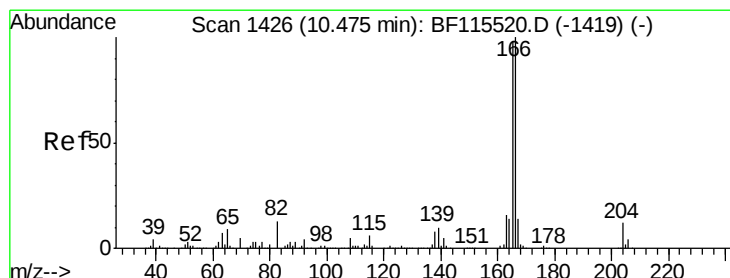
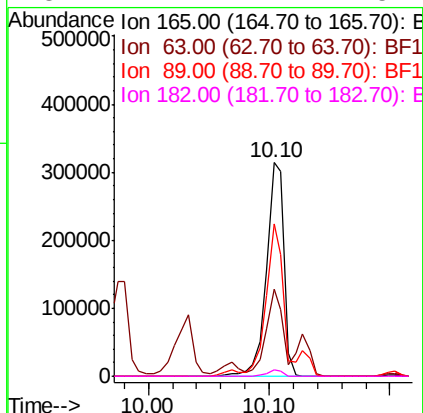
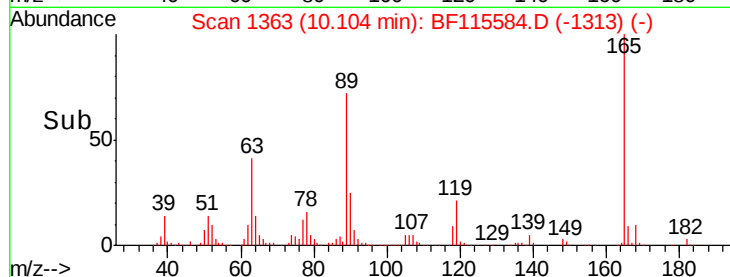
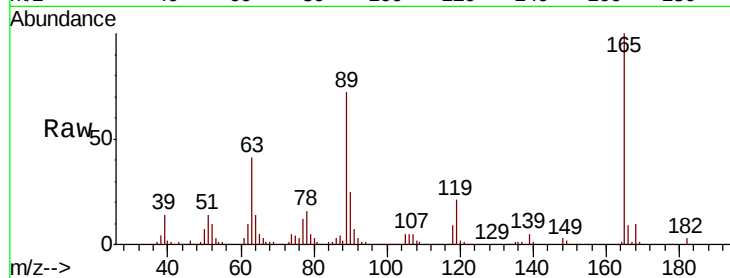




#57
2,4-Dinitrotoluene
Concen: 40.295 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

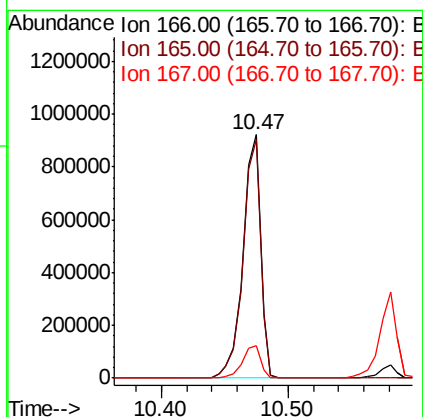
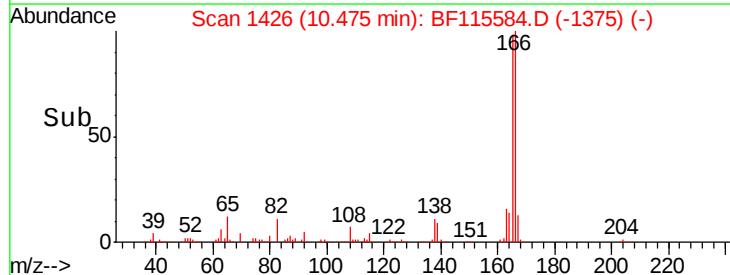
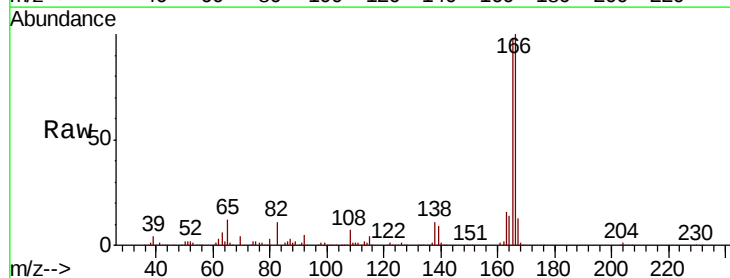
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	34.9	52.3
89	71.6	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 39.469 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.6
167	13.3	11.2	16.8

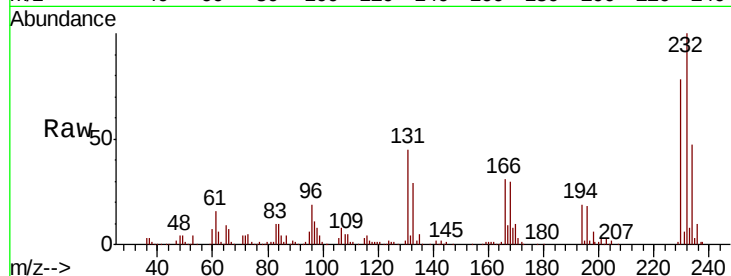




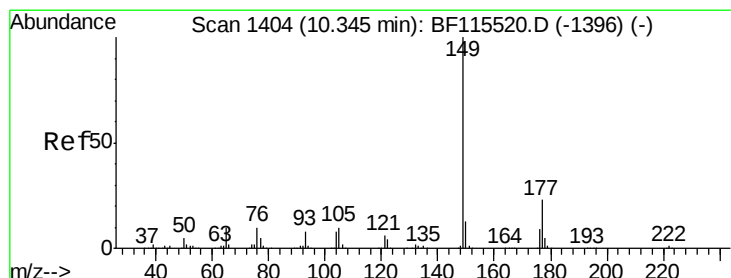
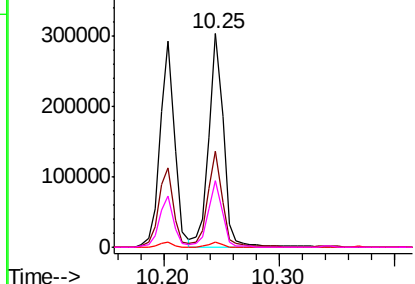
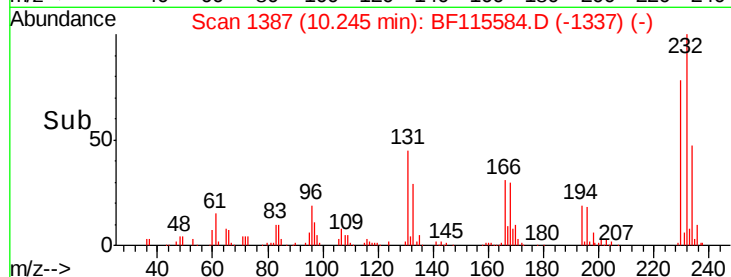
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.500 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	270555
Ion Ratio	Lower	Upper	
232	100		
131	43.6	35.9	53.9
130	2.0	1.8	2.6
166	30.5	24.8	37.2

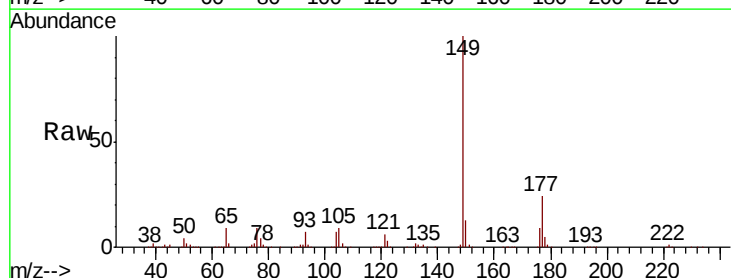


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

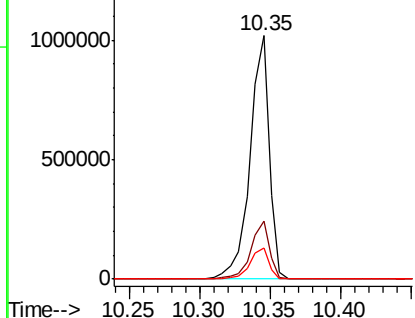
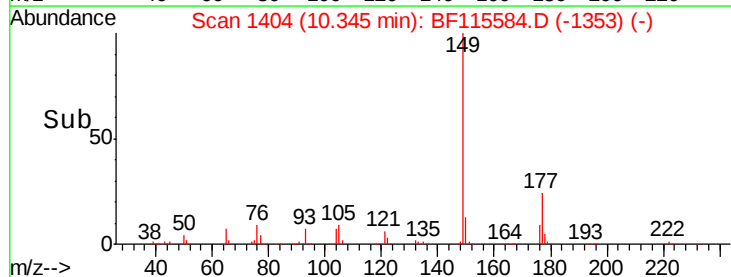


#60
Diethylphthalate
Concen: 38.976 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:	149	Resp:	973595
Ion Ratio	Lower	Upper	
149	100		
177	23.7	19.5	29.3
150	12.7	10.4	15.6



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

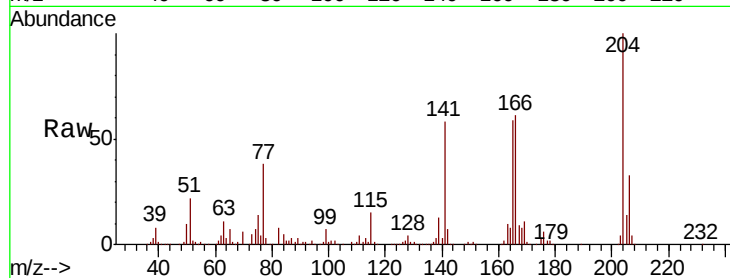




#61
4-Chlorophenyl-phenylether
Concen: 36.740 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.7	40.1
141	57.5	44.2	66.2

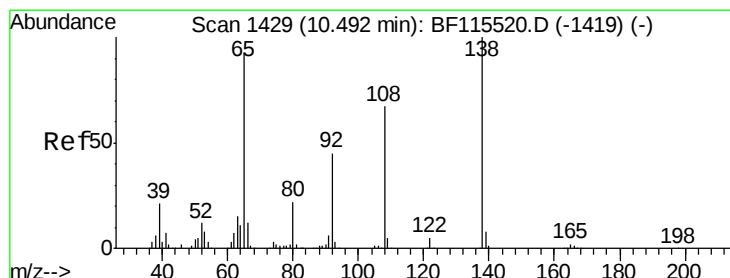
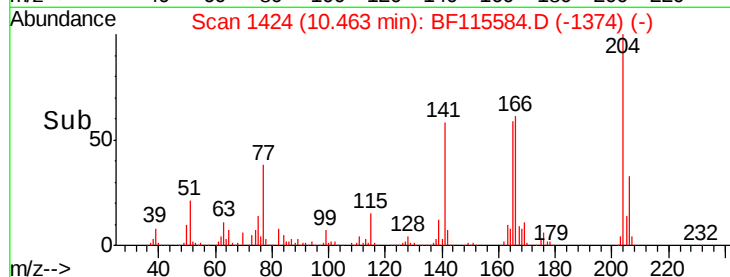
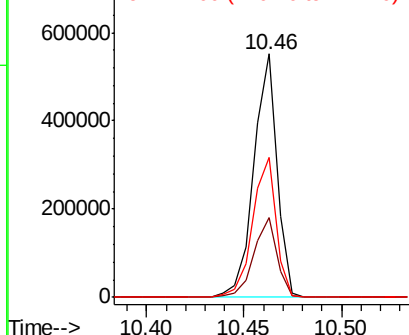


Abundance

Ion 204.00 (203.70 to 204.70): E

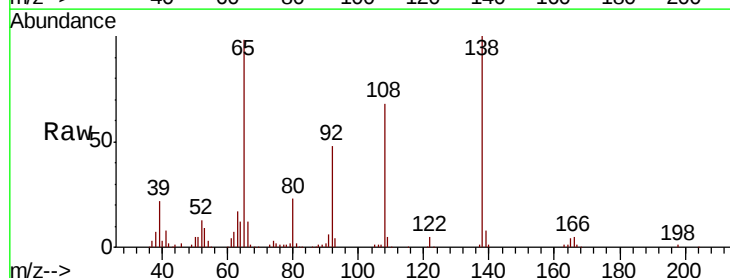
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 34.891 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.1	67.1
108	68.2	48.0	88.0

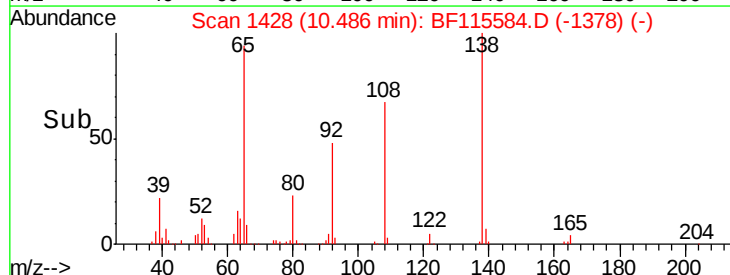
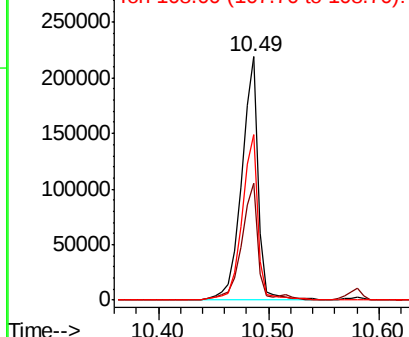


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.968 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 944154

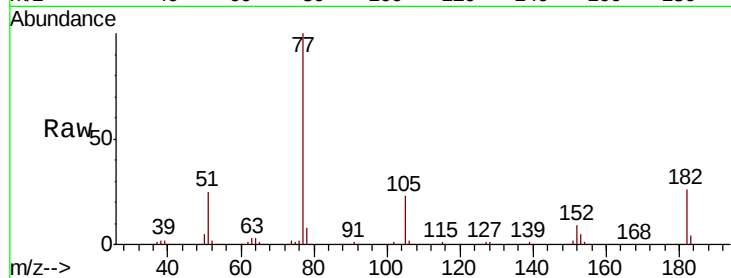
Ion Ratio Lower Upper

77 100

182 26.2 6.9 46.9

105 23.1 3.9 43.9

51 25.4 7.3 47.3

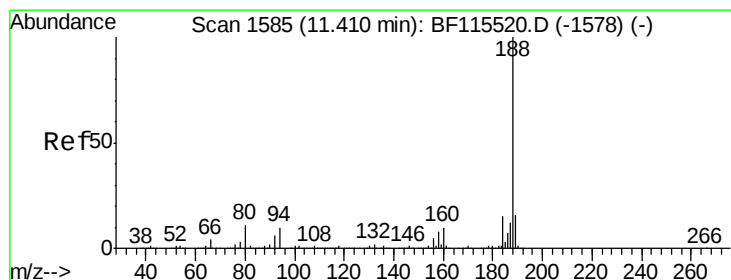
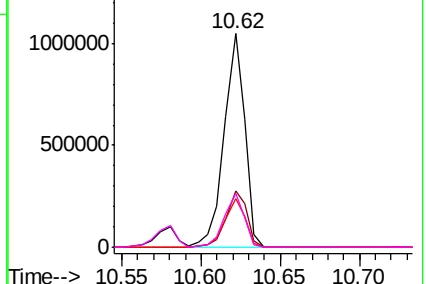
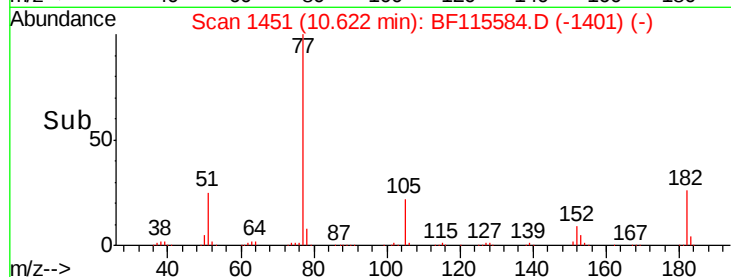


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

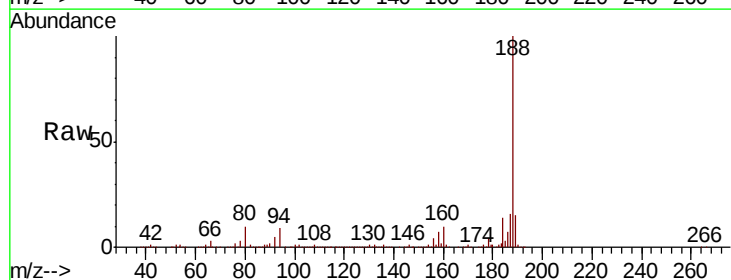
Tgt Ion: 188 Resp: 692467

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

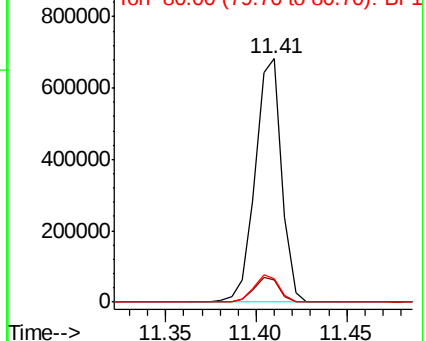
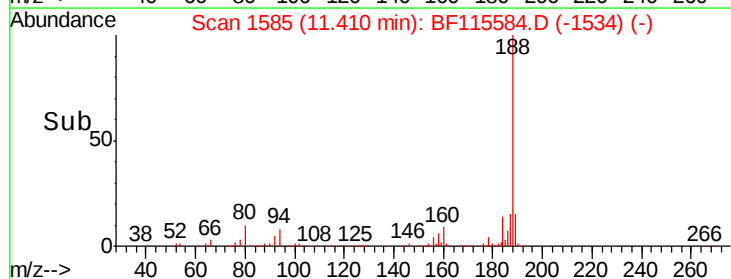
80 9.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

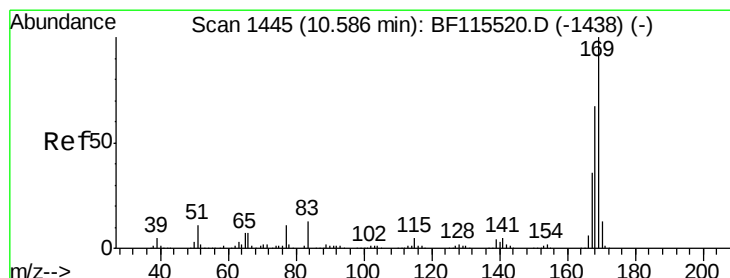
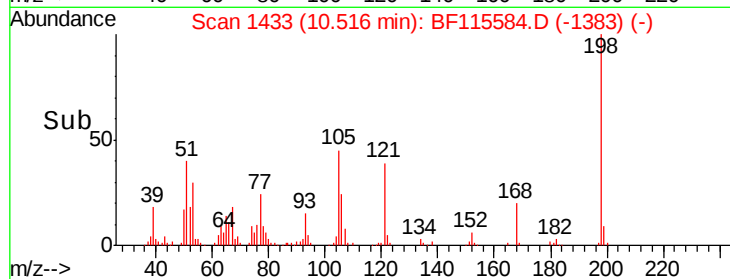
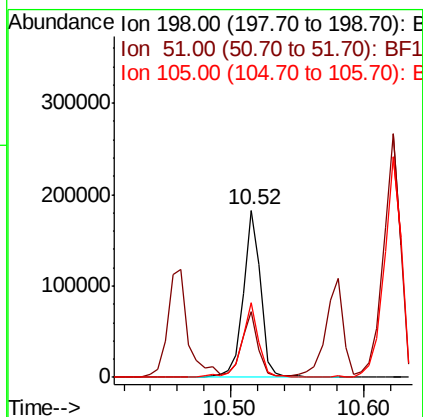
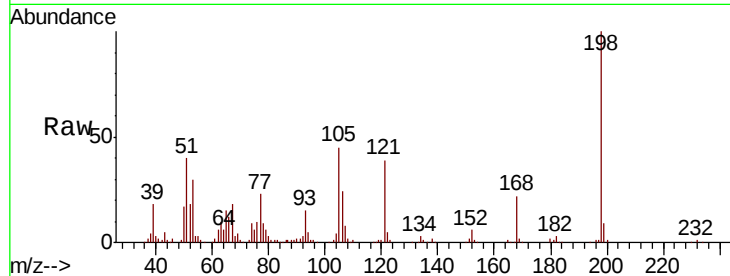




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.787 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

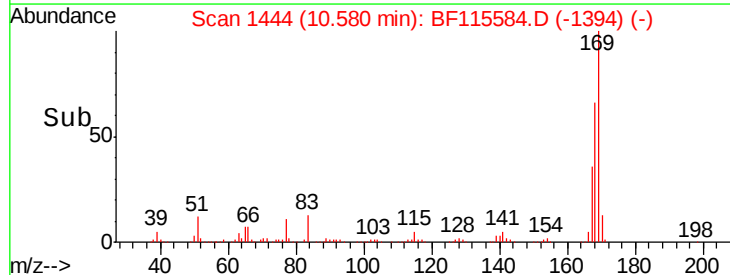
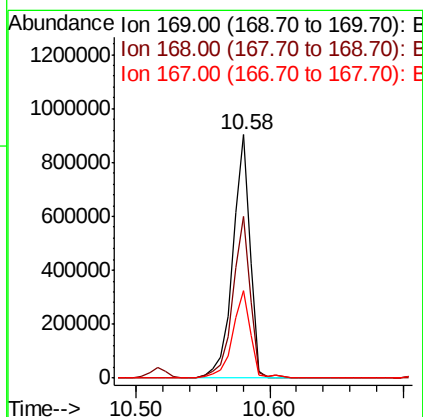
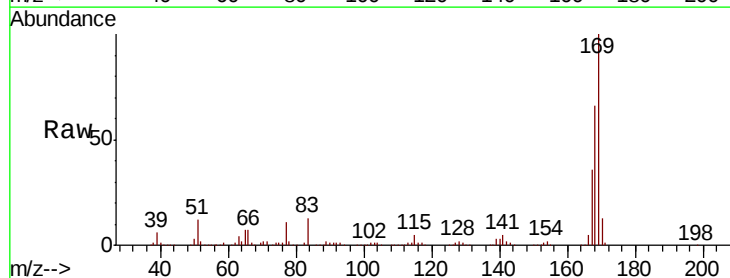
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.5	19.1	59.1
105	44.6	23.6	63.6



#66
 n-Nitrosodiphenylamine
 Concen: 38.227 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.3	81.5
167	36.0	30.2	45.2

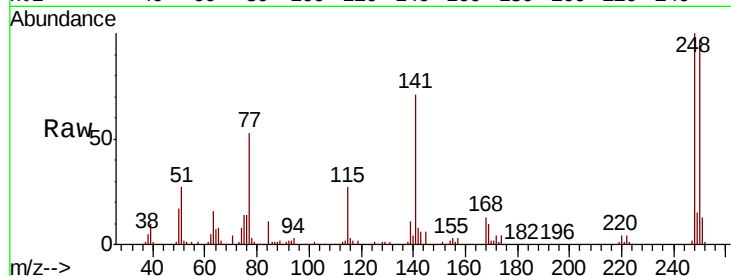




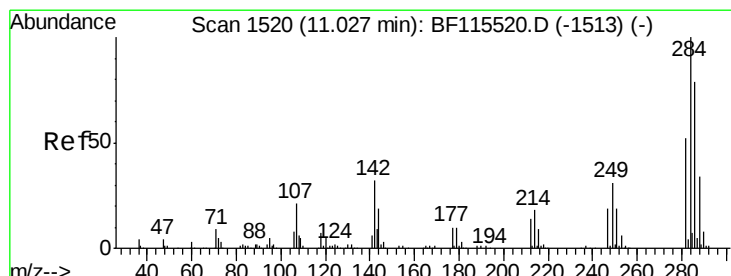
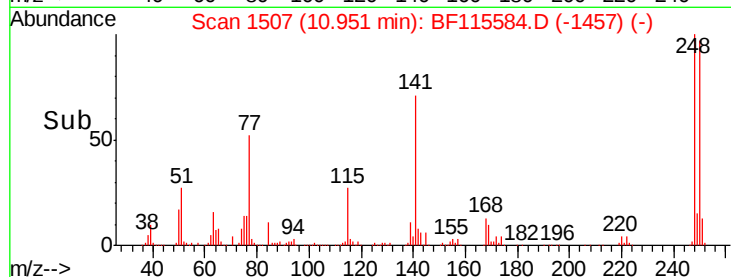
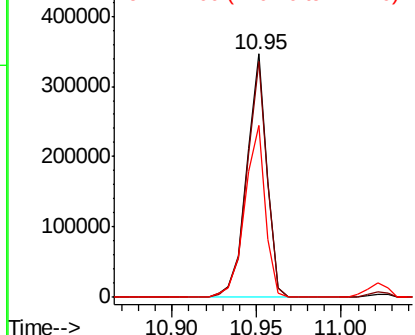
#67
4-Bromophenyl-phenylether
Concen: 36.530 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 289075
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 70.6 57.7 86.5

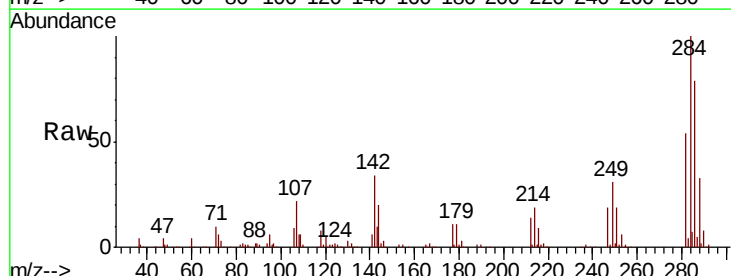


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

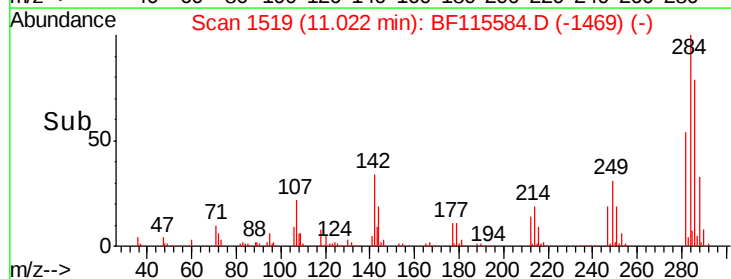
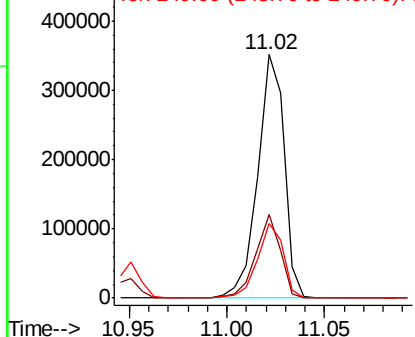


#68
Hexachlorobenzene
Concen: 36.527 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:284 Resp: 330096
Ion Ratio Lower Upper
284 100
142 34.5 22.2 33.2#
249 30.5 23.4 35.2



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

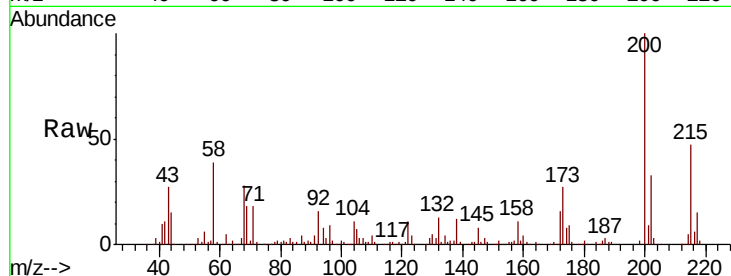




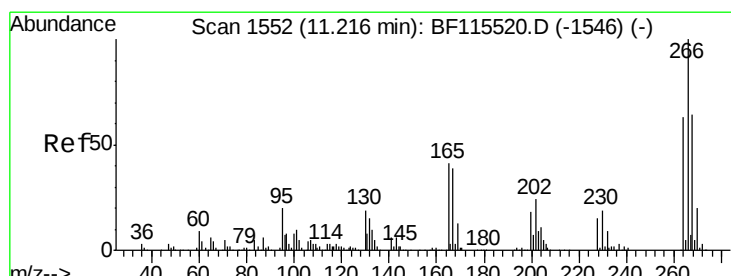
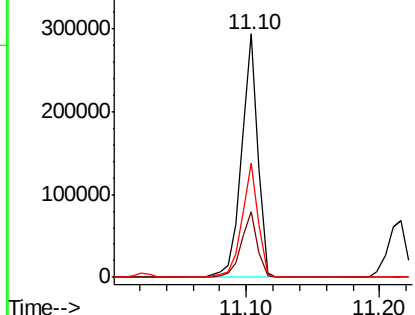
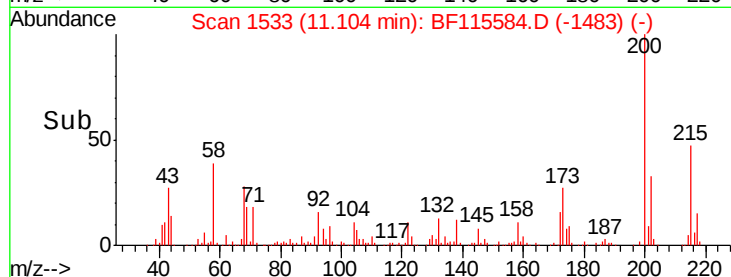
#69
 Atrazine
 Concen: 35.279 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.9	46.9
215	47.1	27.9	67.9

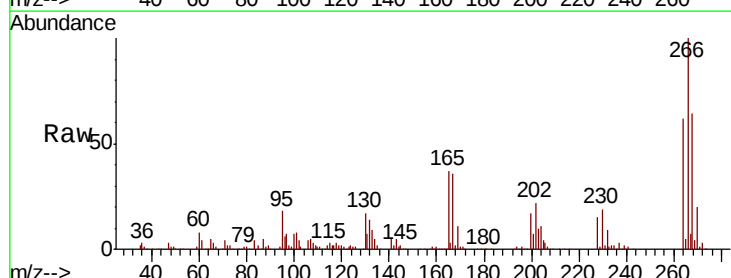


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

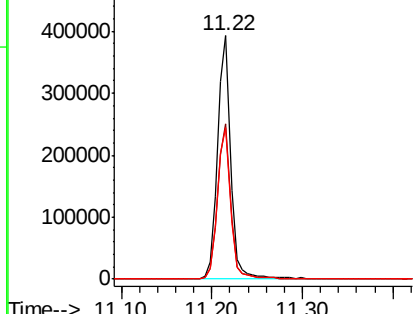
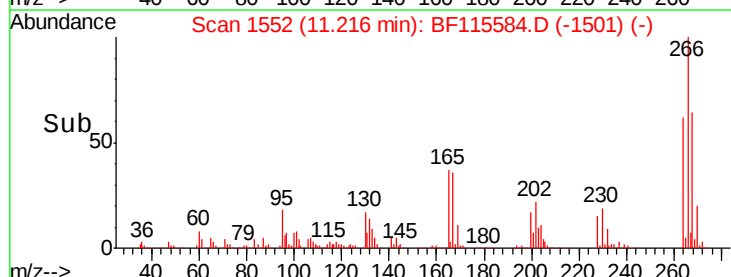


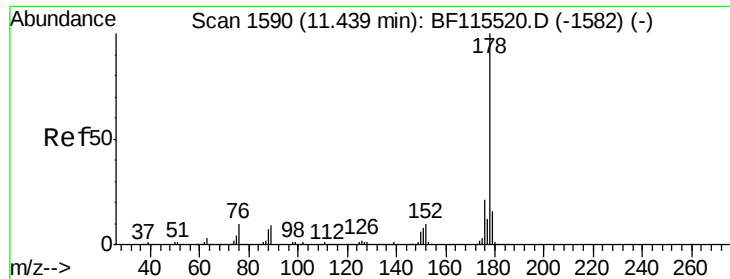
#70
 Pentachlorophenol
 Concen: 71.496 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF115584.D
 Acq: 16 Jul 2019 9:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.6	77.4
264	62.4	50.6	76.0



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

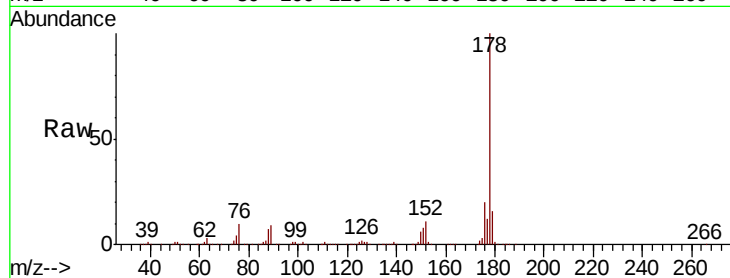




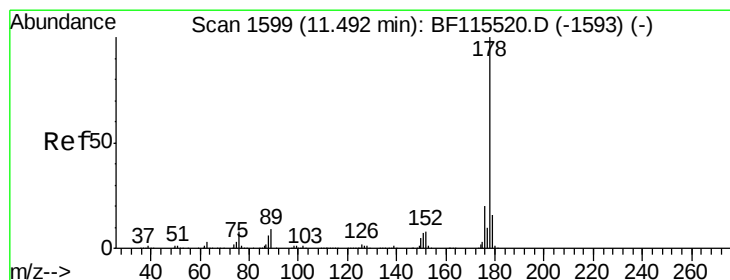
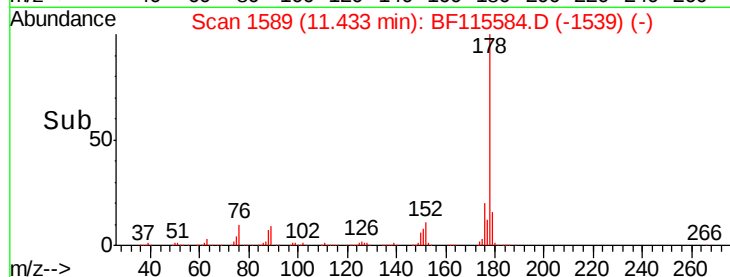
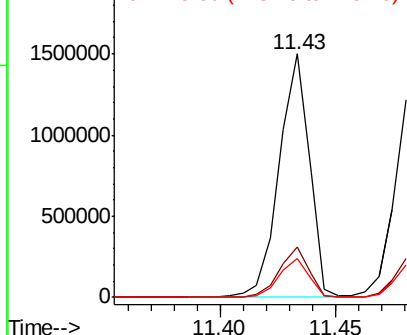
#71
Phenanthrene
Concen: 38.181 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1355240
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.0 13.5 20.3

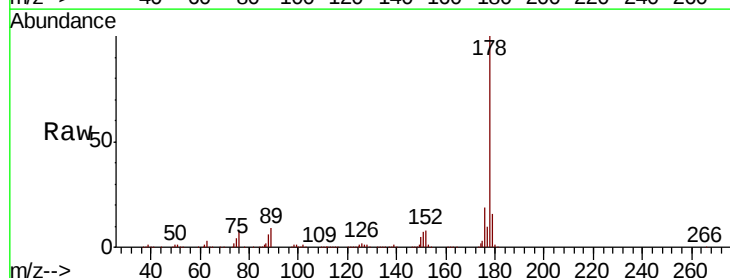


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

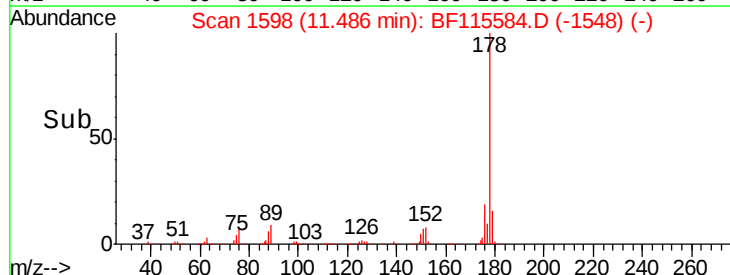
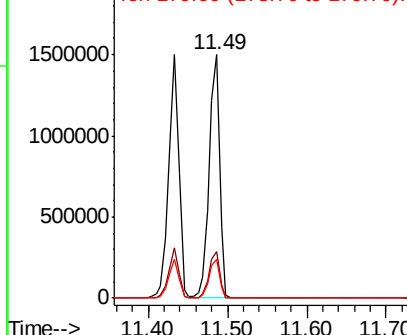


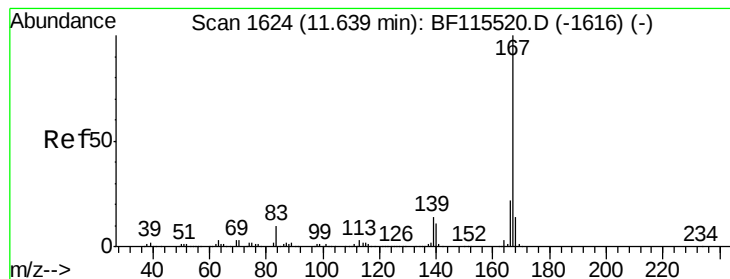
#72
Anthracene
Concen: 37.644 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:178 Resp: 1380881
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.7 12.7 19.1



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





#73

Carbazole

Concen: 37.902 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

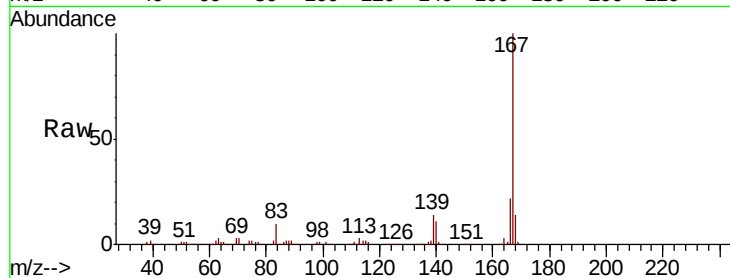
Tot Ion:167 Resp: 1219253

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

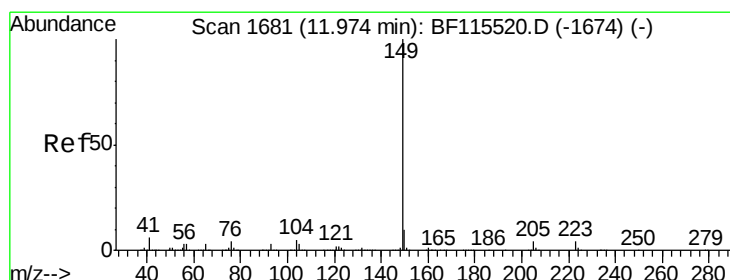
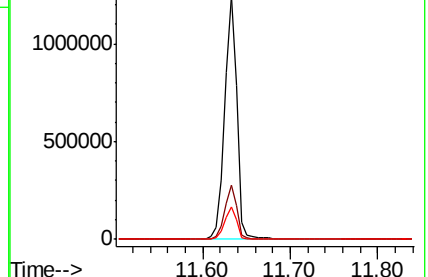
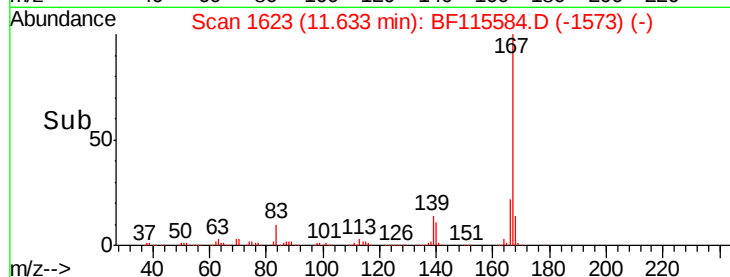
139 13.6 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.886 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

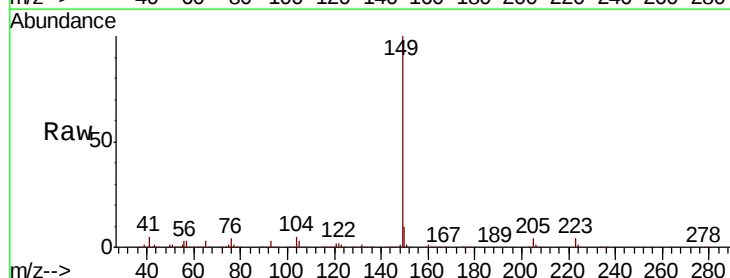
Tgt Ion:149 Resp: 1501188

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

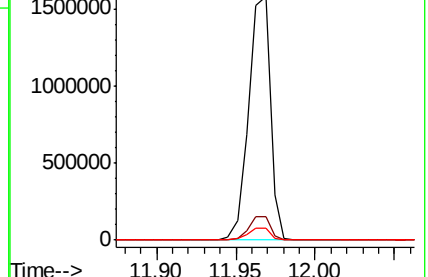
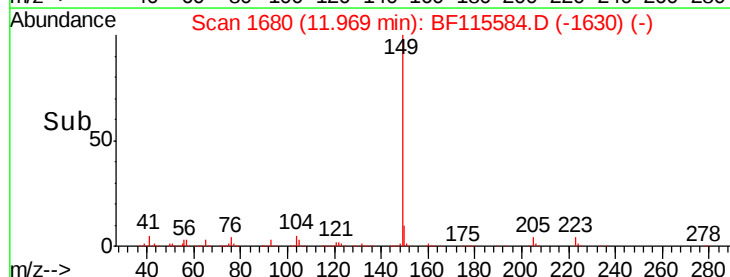
104 4.7 3.8 5.8

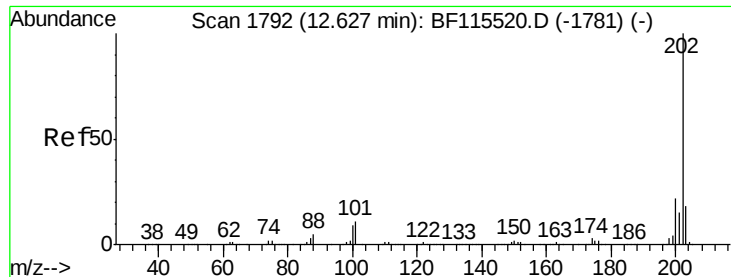


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

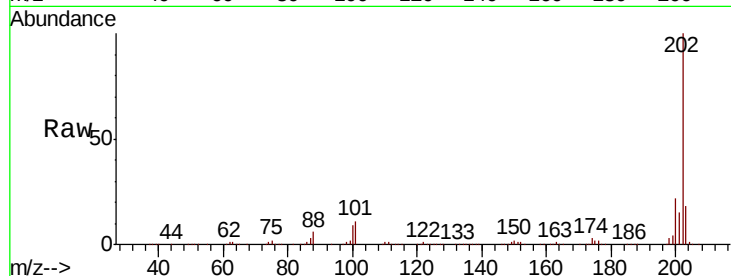




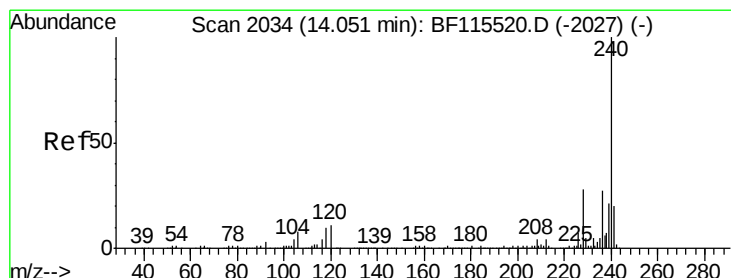
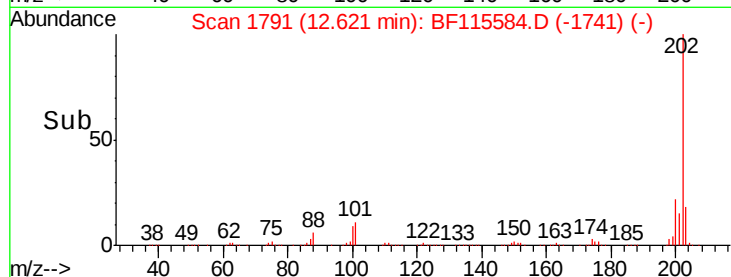
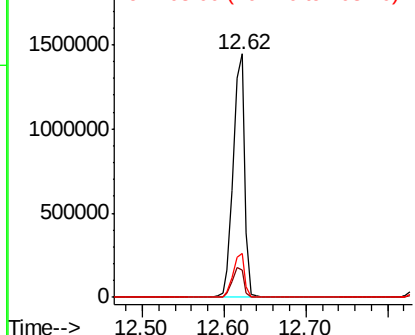
#75
Fluoranthene
Concen: 37.788 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1417393
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.1 0.0 38.1

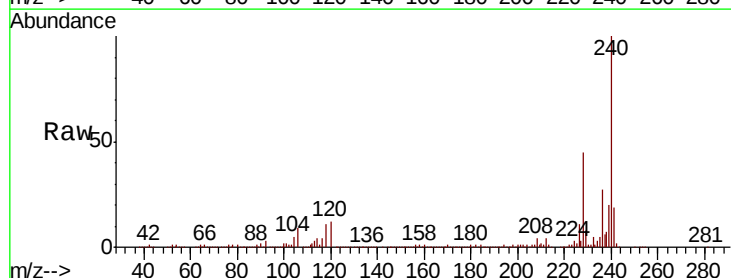


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

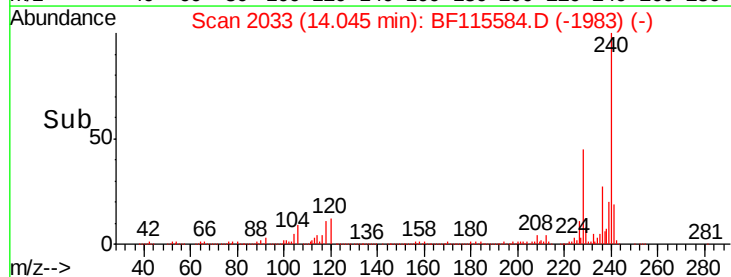
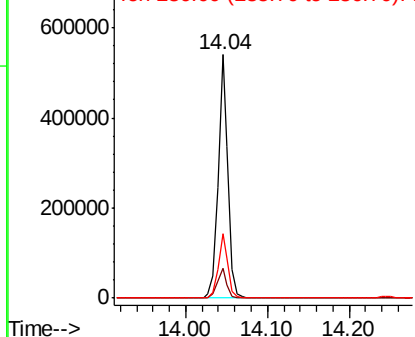


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115584.D
Acq: 16 Jul 2019 9:06

Tgt Ion:240 Resp: 446707
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 26.6 21.3 31.9



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





#77

Benzidine

Concen: 19.303 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

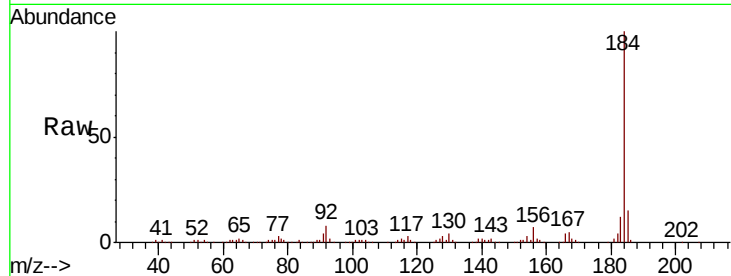
Tot Ion:184 Resp: 305464

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

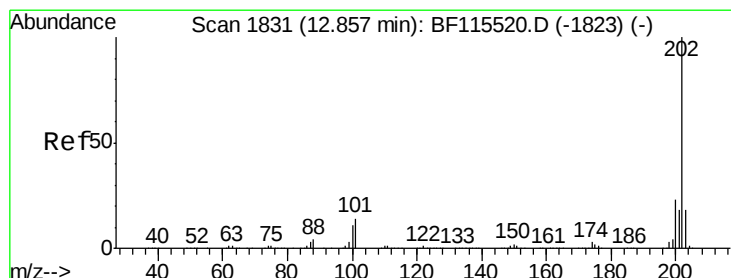
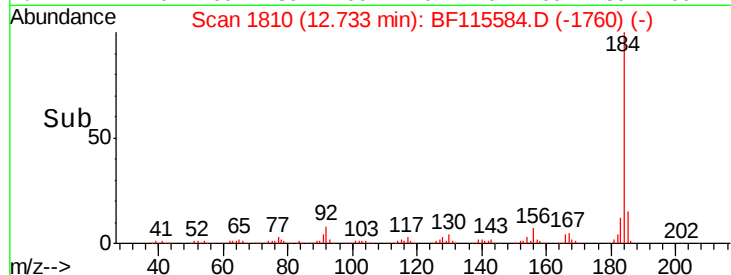
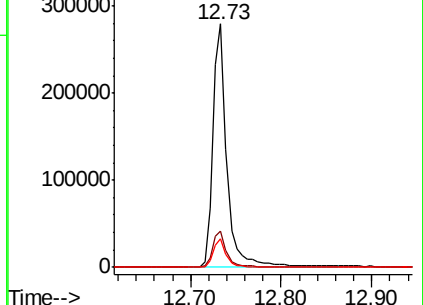
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.514 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

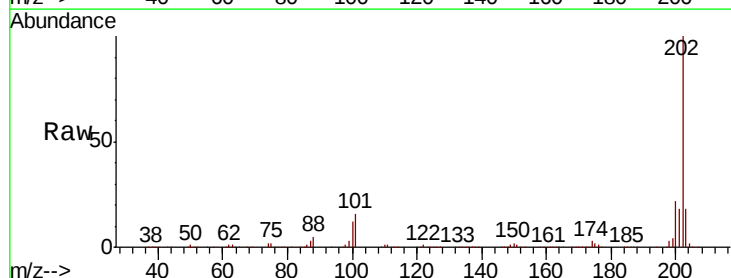
Tgt Ion:202 Resp: 1419788

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

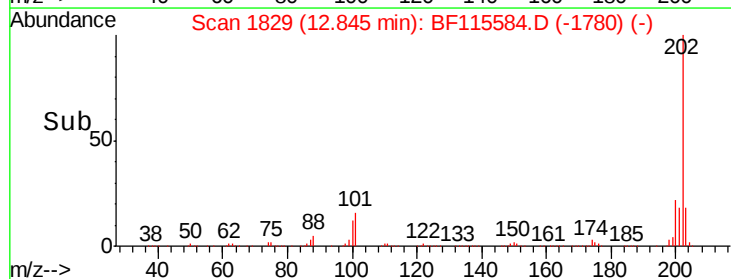
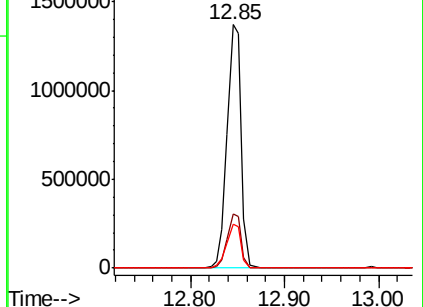
203 18.3 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.234 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

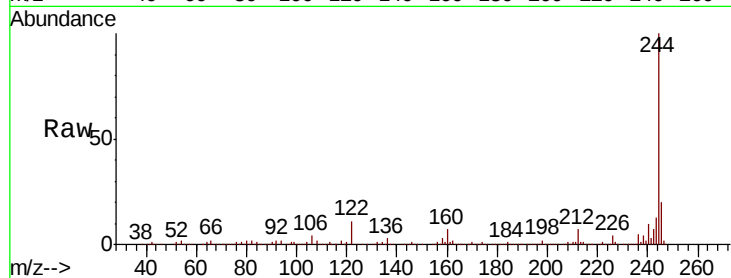
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1821370

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.5	8.6	12.8

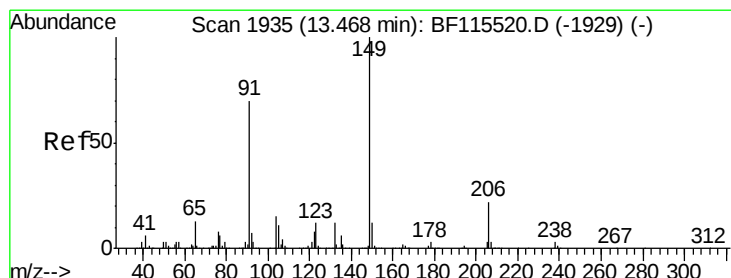
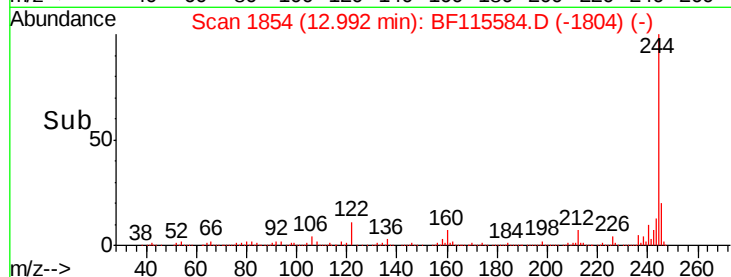
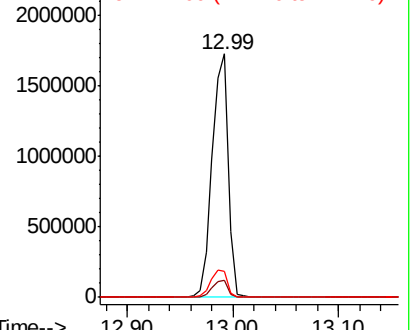


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.086 ng

RT: 13.46 min Scan# 1934

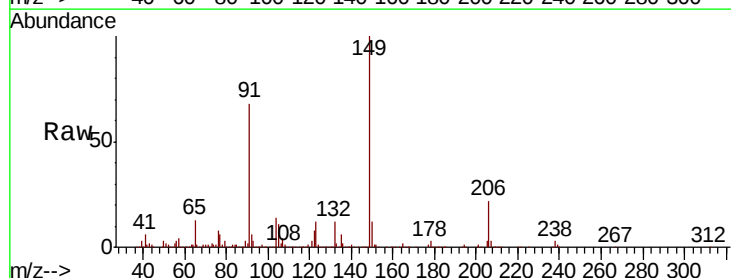
Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:149 Resp: 630606

Ion	Ratio	Lower	Upper
149	100		
91	68.3	55.8	83.8
206	22.3	18.2	27.2

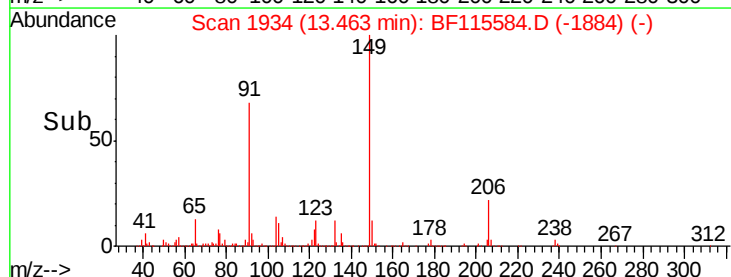
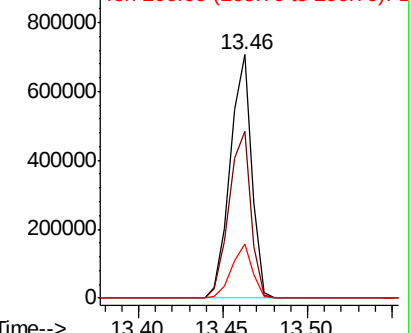


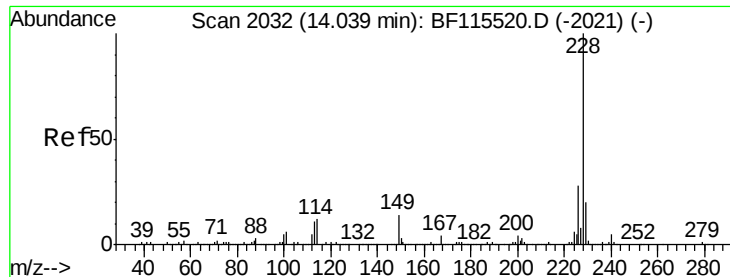
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.023 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

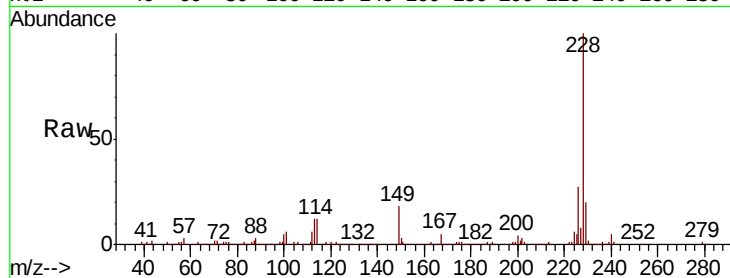
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1089561

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.0
229	20.0	17.2	25.8

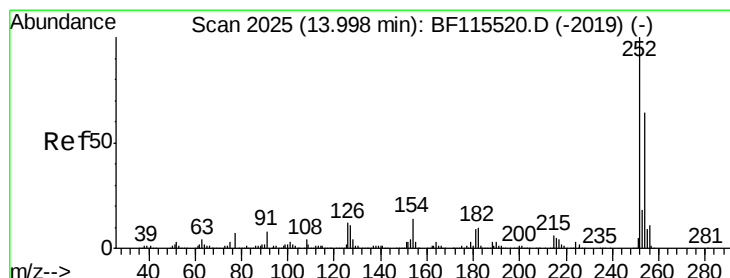
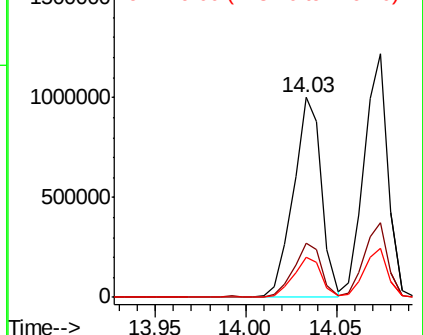
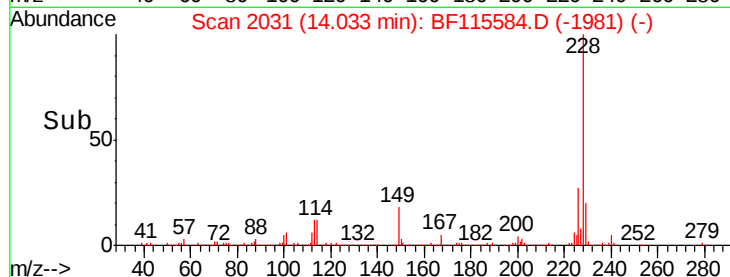


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.138 ng

RT: 13.99 min Scan# 2024

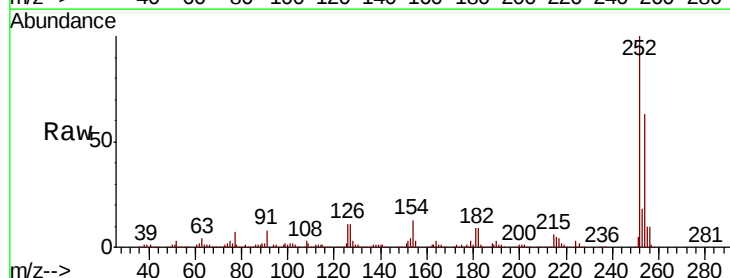
Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Tgt Ion:252 Resp: 325758

Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.9	79.3
126	11.3	9.9	14.9

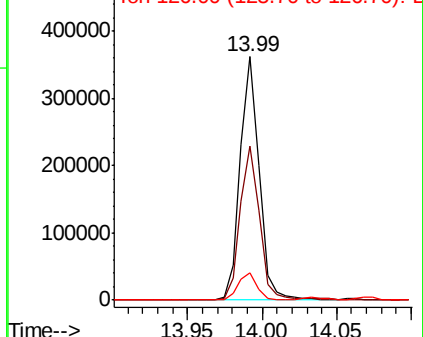
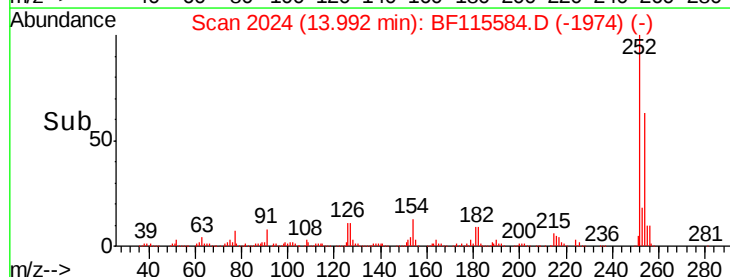


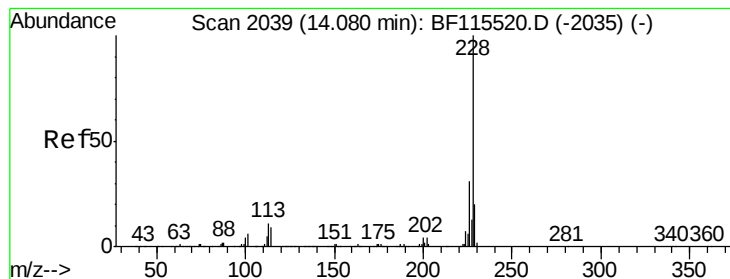
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.297 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

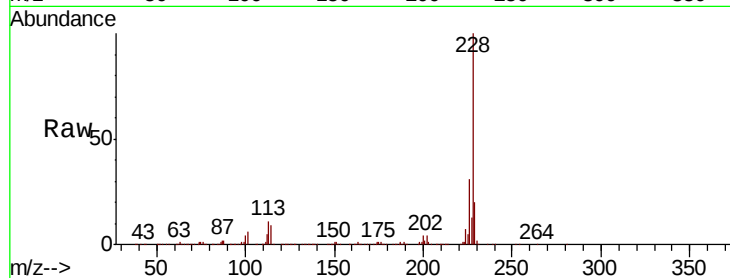
Tot Ion:228 Resp: 1131415

Ion Ratio Lower Upper

228 100

226 30.9 25.7 38.5

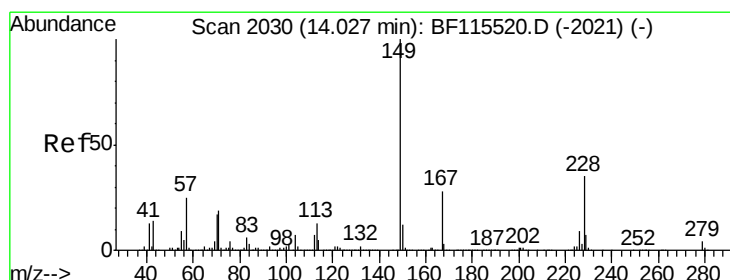
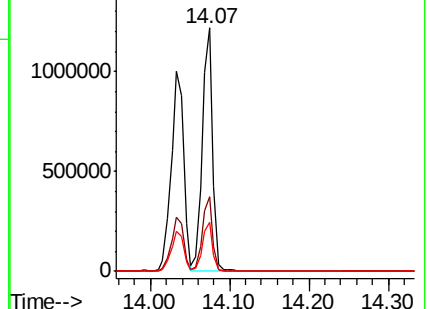
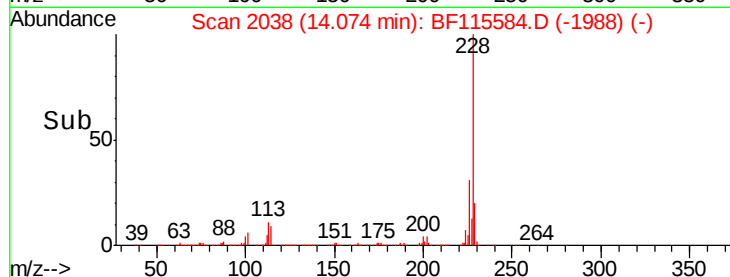
229 20.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.001 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

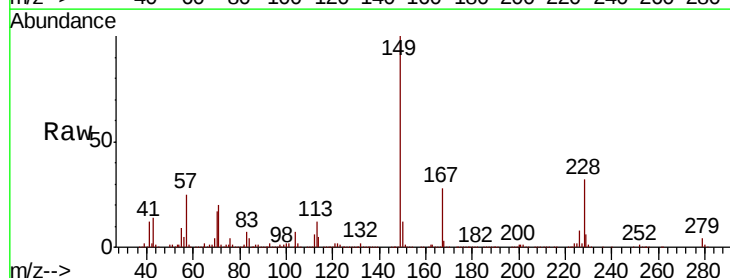
Tgt Ion:149 Resp: 799403

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

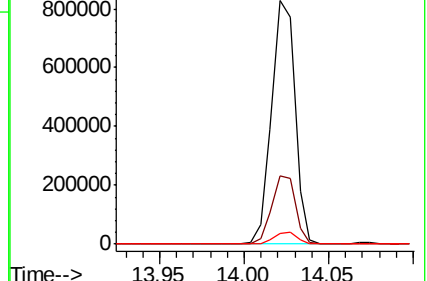
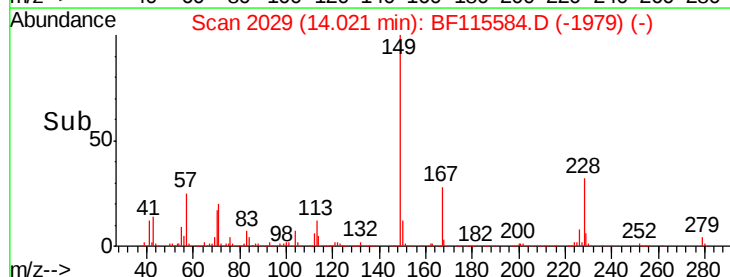
279 4.1 4.2 6.2#

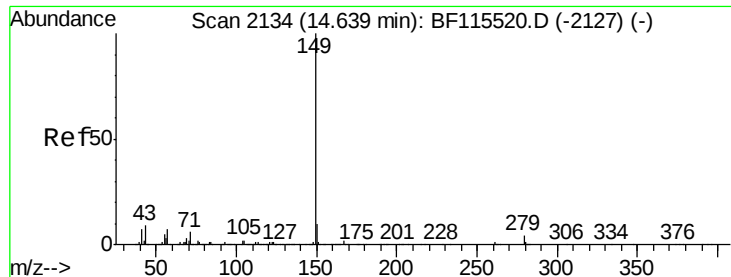


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.577 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

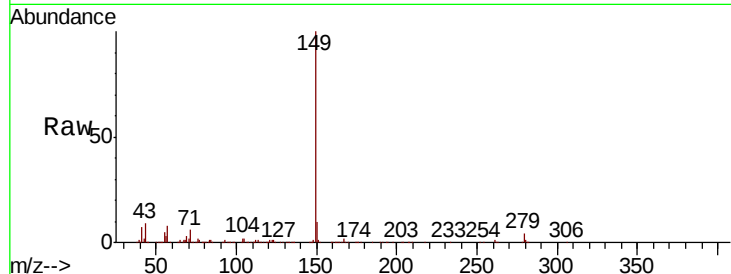
Tot Ion:149 Resp: 1290245

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

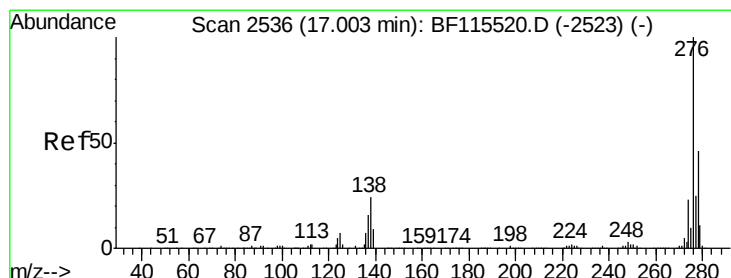
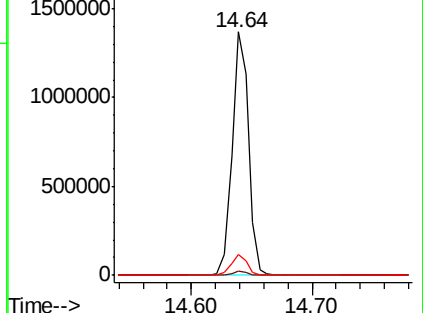
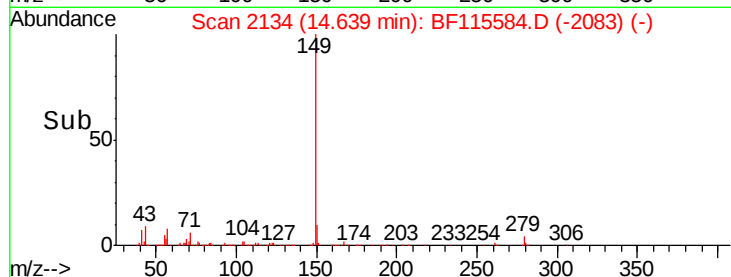
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.723 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

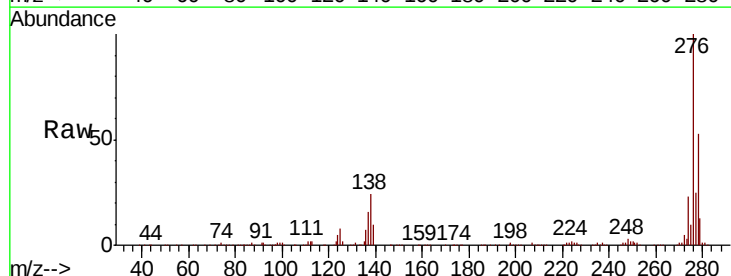
Tgt Ion:276 Resp: 896614

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.2

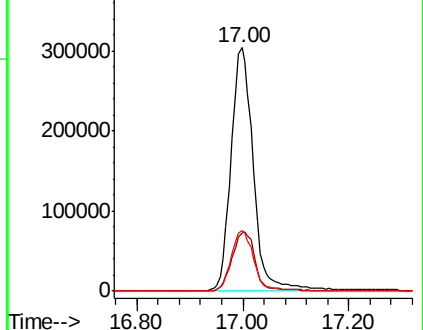
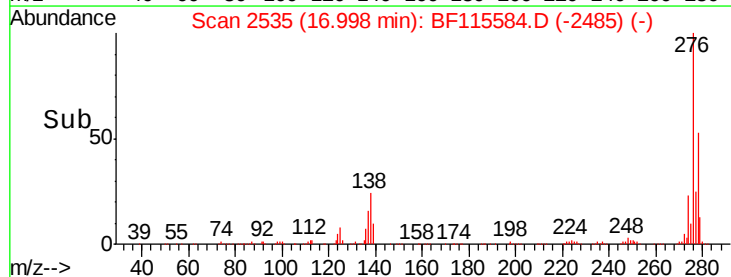
277 25.4 20.4 30.6

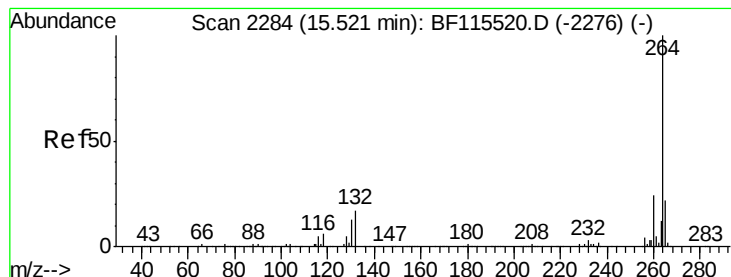


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampleId :

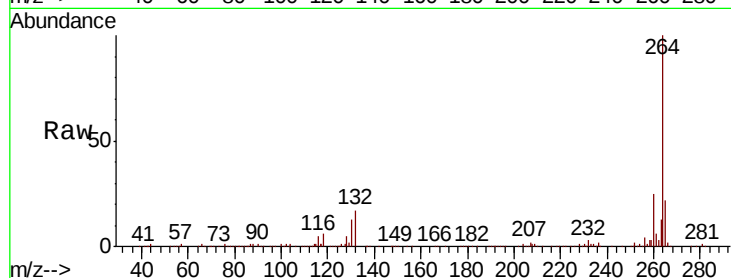
Tot Ion:264 Resp: 325570

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

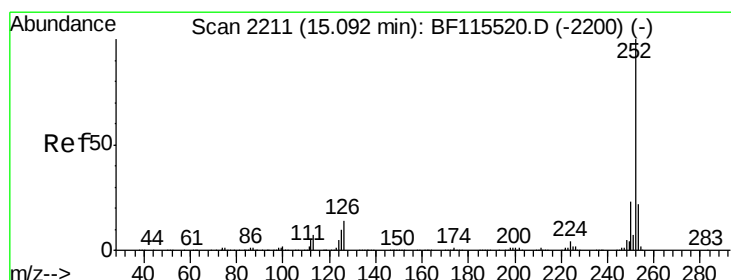
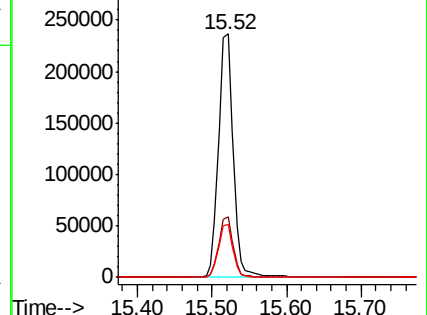
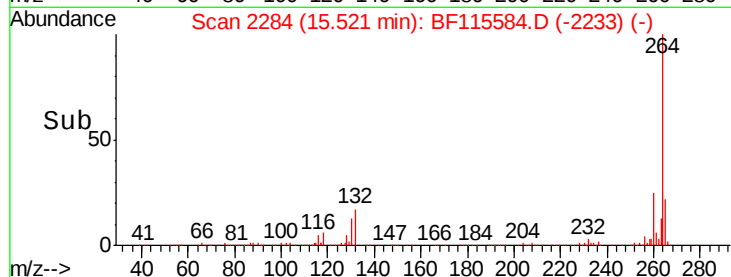
265 21.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.392 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

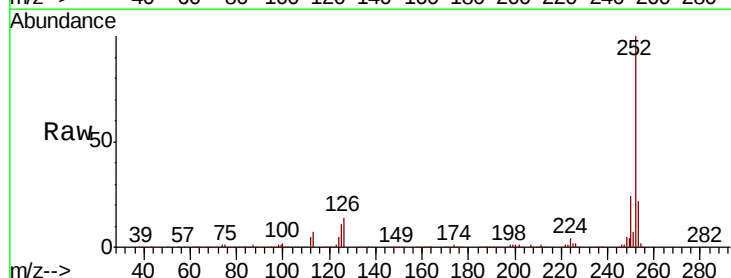
Tgt Ion:252 Resp: 972574

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

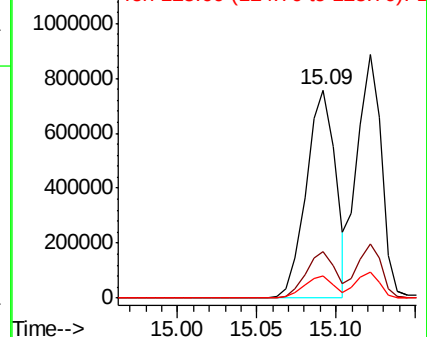
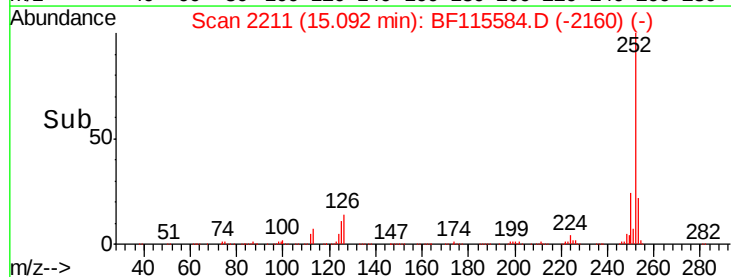
125 10.7 9.0 13.4

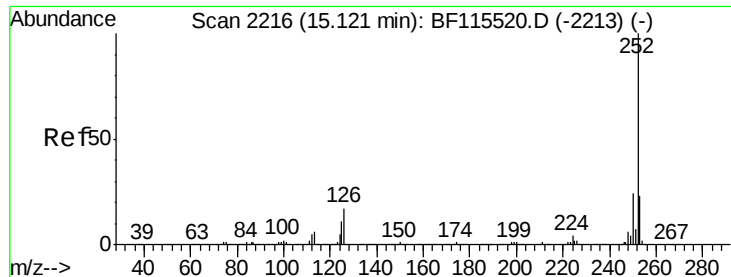


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.335 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampled :

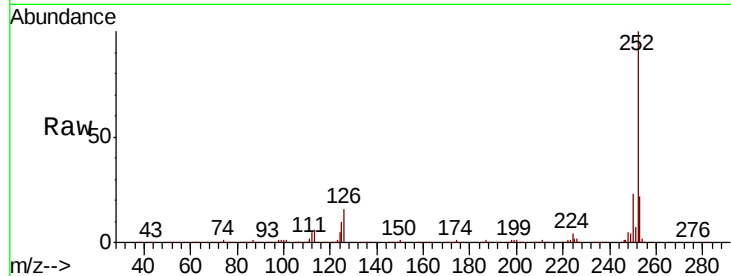
Tot Ion:252 Resp: 959477

Ion Ratio Lower Upper

252 100

253 22.4 18.6 28.0

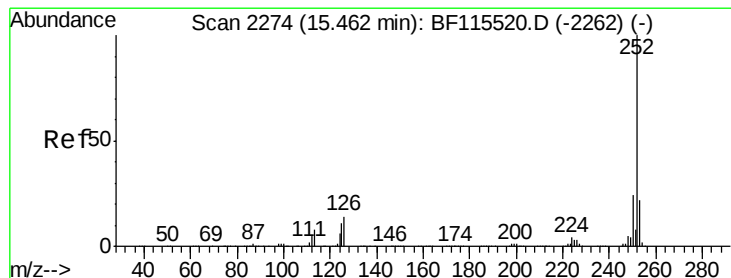
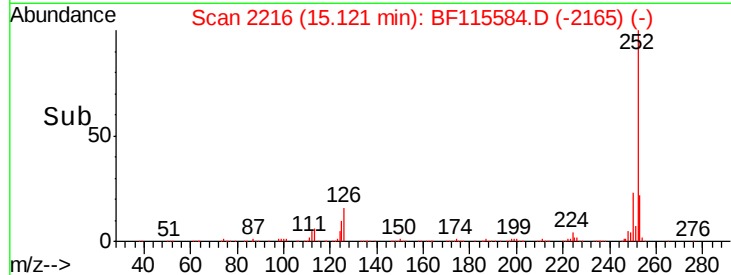
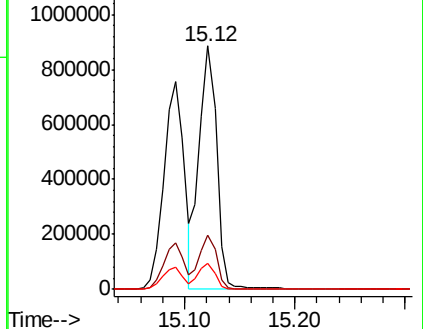
125 10.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.260 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

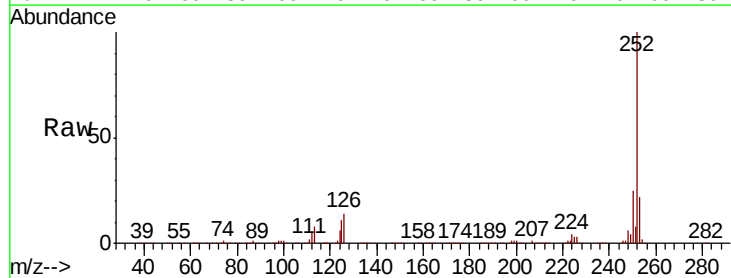
Tgt Ion:252 Resp: 869575

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

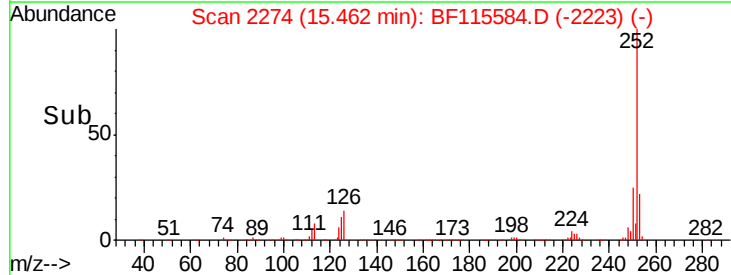
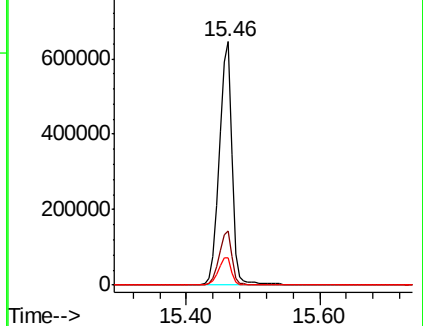
125 11.0 9.1 13.7

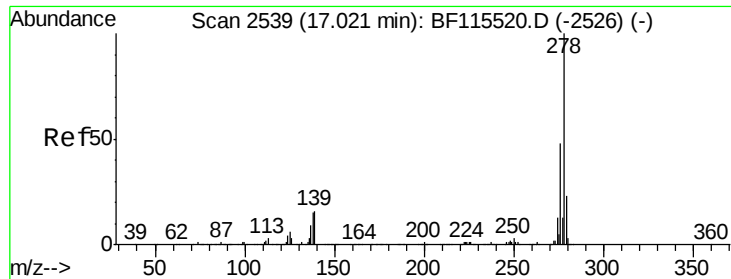


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.577 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

Instrument :

BNA_F

ClientSampled :

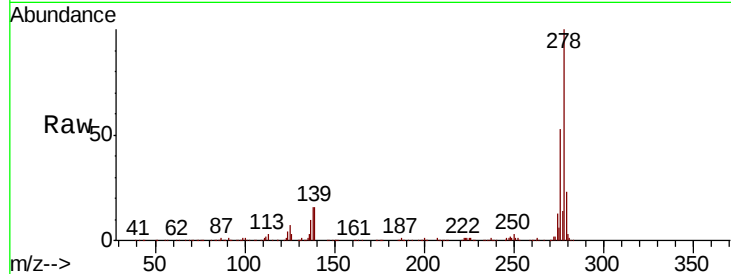
Tot Ion:278 Resp: 768407

Ion Ratio Lower Upper

278 100

139 16.0 13.1 19.7

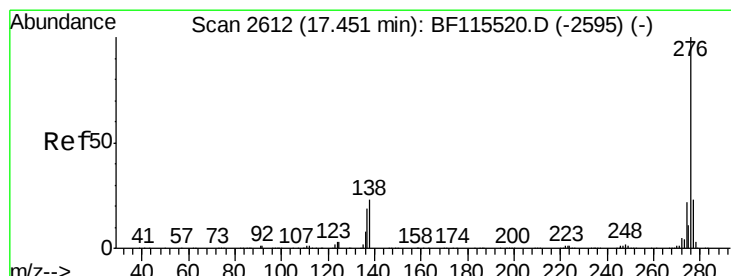
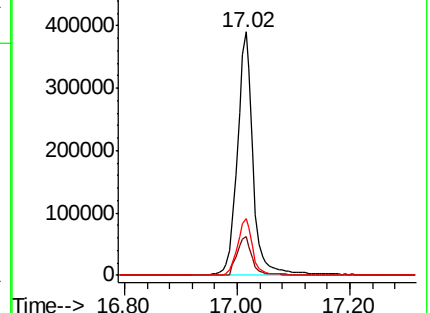
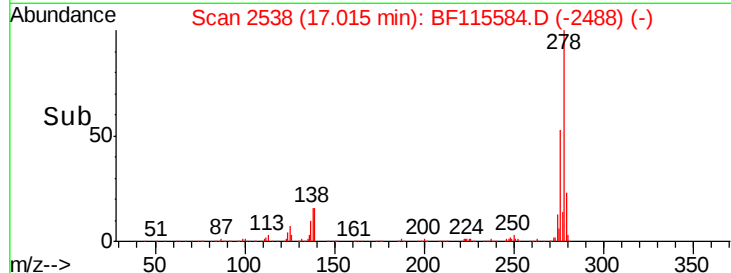
279 23.5 19.6 29.4



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: 46.613 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF115584.D

Acq: 16 Jul 2019 9:06

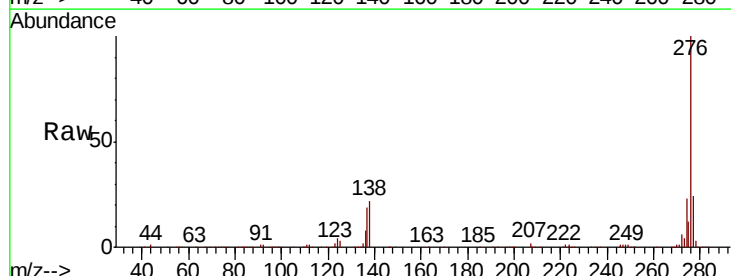
Tgt Ion:276 Resp: 735361

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.6 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

