

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115747.D
 Acq On : 24 Jul 2019 13:40
 Operator : HP/JU
 Sample : PB121678BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:35:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166147	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	671815	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	343636	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	635605	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	451254	20.00	ng	-0.01
87) Perylene-d12	15.51	264	397235	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	822386	80.96	ng	0.00
7) Phenol-d6	6.50	99	1047599	81.28	ng	-0.01
23) Nitrobenzene-d5	7.43	82	980139	84.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	312361	77.87	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1805449	91.96	ng	-0.02
79) Terphenyl-d14	12.98	244	1843554	75.38	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	190083	37.516	ng	96
3) Pyridine	3.52	79	472349	34.361	ng	98
4) n-Nitrosodimethylamine	3.47	42	210632	42.237	ng	88
6) Aniline	6.53	93	484754	27.026	ng	99
8) 2-Chlorophenol	6.66	128	477160	40.859	ng	97
9) Benzaldehyde	6.42	77	189488	23.527	ng	97
10) Phenol	6.52	94	599909	40.096	ng	89
11) bis(2-Chloroethyl)ether	6.60	93	453911	39.847	ng	98
12) 1,3-Dichlorobenzene	6.82	146	492773	37.530	ng	100
13) 1,4-Dichlorobenzene	6.89	146	503995	38.471	ng	96
14) 1,2-Dichlorobenzene	7.05	146	466495	38.954	ng	96
15) Benzyl Alcohol	7.02	79	400117	39.134	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	608831	40.597	ng	99
17) 2-Methylphenol	7.13	107	418935	41.626	ng	97
18) Hexachloroethane	7.39	117	187980	38.659	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	328548	39.086	ng	97
20) 3+4-Methylphenols	7.28	107	483581	40.452	ng	# 87
22) Acetophenone	7.28	105	645753	42.547	ng	# 99
24) Nitrobenzene	7.45	77	522924	41.962	ng	94
25) Isophorone	7.69	82	959655	41.509	ng	98
26) 2-Nitrophenol	7.77	139	264959	41.308	ng	98
27) 2,4-Dimethylphenol	7.80	122	463382	48.283	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	594328	41.904	ng	99
29) 2,4-Dichlorophenol	8.02	162	425775	42.658	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	454434	40.278	ng	98
31) Naphthalene	8.17	128	1381904	42.473	ng	97
32) Benzoic acid	7.95	122	297903	37.823	ng	99
33) 4-Chloroaniline	8.22	127	374283	25.971	ng	98
34) Hexachlorobutadiene	8.30	225	256319	39.617	ng	98
35) Caprolactam	8.59	113	83003	26.911	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	443473	42.833	ng	100
37) 2-Methylnaphthalene	8.87	142	942330	43.693	ng	97
38) 1-Methylnaphthalene	8.97	142	878404	42.879	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	421189	40.702	ng	98

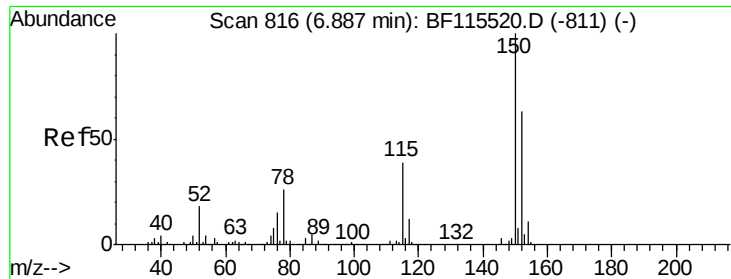
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115747.D
 Acq On : 24 Jul 2019 13:40
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	372634	63.127	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	296458	39.175	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	307491	39.677	ng	97
46) 1,1'-Biphenyl	9.33	154	1136117	42.290	ng	98
47) 2-Chloronaphthalene	9.36	162	901587	40.305	ng	98
48) 2-Nitroaniline	9.45	65	278347	40.203	ng	98
49) Acenaphthylene	9.77	152	1369070	41.304	ng	98
50) Dimethylphthalate	9.63	163	1058140	40.927	ng	99
51) 2,6-Dinitrotoluene	9.69	165	236136	40.190	ng	94
52) Acenaphthene	9.95	154	828398	38.711	ng	100
53) 3-Nitroaniline	9.86	138	173509	25.842	ng	97
54) 2,4-Dinitrophenol	9.97	184	227488	75.412	ng	97
55) Dibenzofuran	10.12	168	1225365	40.322	ng	98
56) 4-Nitrophenol	10.03	139	355700	69.473	ng	97
57) 2,4-Dinitrotoluene	10.10	165	312850	41.099	ng	97
58) Fluorene	10.46	166	907959	41.793	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	266367	41.116	ng	98
60) Diethylphthalate	10.33	149	1000943	41.320	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	472248	39.198	ng	99
62) 4-Nitroaniline	10.48	138	239538	37.193	ng	98
63) Azobenzene	10.61	77	1023724	43.569	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	151950	39.129	ng	93
66) n-Nitrosodiphenylamine	10.57	169	823560	41.654	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	295745	40.717	ng	99
68) Hexachlorobenzene	11.02	284	324340	39.101	ng	95
69) Atrazine	11.10	200	267507	41.243	ng	99
70) Pentachlorophenol	11.21	266	353870	69.751	ng	100
71) Phenanthrene	11.42	178	1356644	41.640	ng	98
72) Anthracene	11.47	178	1376998	40.896	ng	99
73) Carbazole	11.63	167	1213605	41.102	ng	99
74) Di-n-butylphthalate	11.96	149	1526343	41.967	ng	99
75) Fluoranthene	12.61	202	1389889	40.370	ng	97
77) Benzidine	12.73	184	469402	29.364	ng	99
78) Pyrene	12.84	202	1419361	37.125	ng	99
80) Butylbenzylphthalate	13.45	149	653205	40.079	ng	96
81) Benzo(a)anthracene	14.03	228	1195847	40.225	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	365586	34.592	ng	98
83) Chrysene	14.07	228	1180302	39.550	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	918919	45.518	ng	# 99
85) Di-n-octyl phthalate	14.62	149	1549360	48.235	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1056042	41.651	ng	100
88) Benzo(b)fluoranthene	15.08	252	1118698	43.736	ng	100
89) Benzo(k)fluoranthene	15.11	252	1126209	49.385	ng	99
90) Benzo(a)pyrene	15.45	252	1058128	48.130	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	892552	46.245	ng	99
92) Benzo(g,h,i)perylene	17.43	276	840063	43.643	ng	99

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

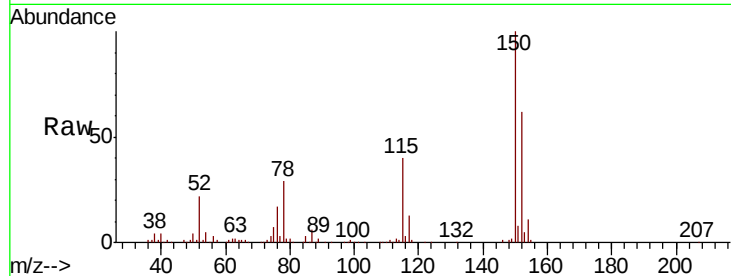


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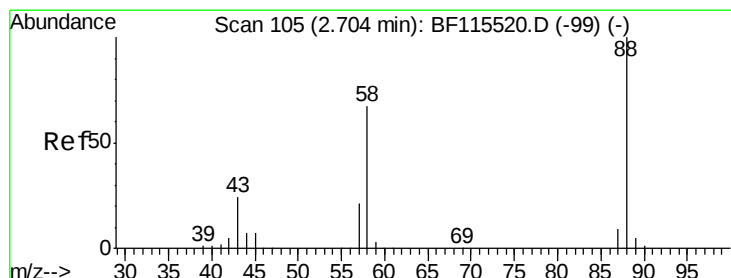
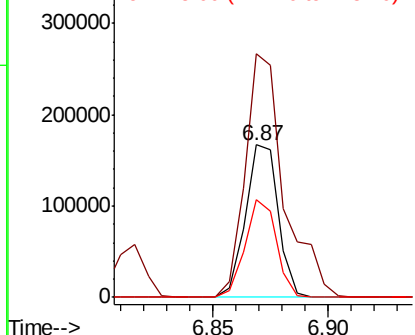
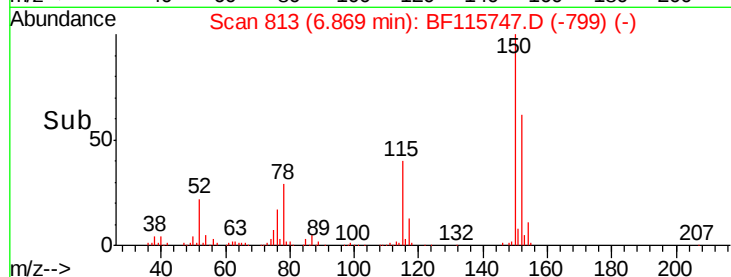
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166147
Ion Ratio Lower Upper
152 100
150 160.0 129.7 194.5
115 64.0 48.2 72.4



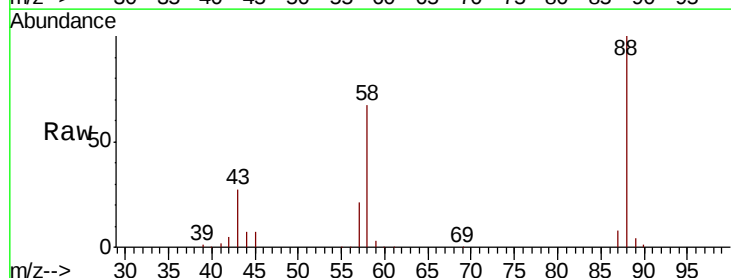
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



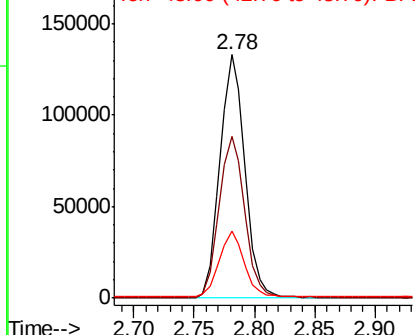
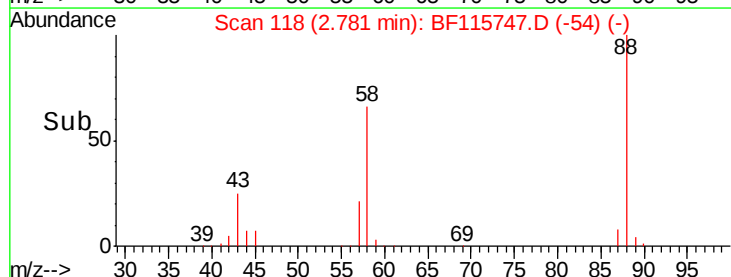
#2

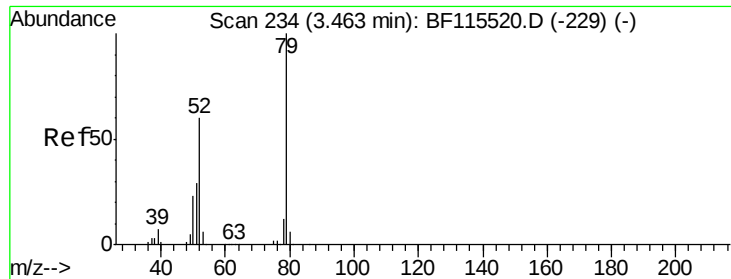
1,4-Dioxane
Concen: 37.516 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.08 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion: 88 Resp: 190083
Ion Ratio Lower Upper
88 100
58 68.9 52.6 79.0
43 26.4 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.361 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.06 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

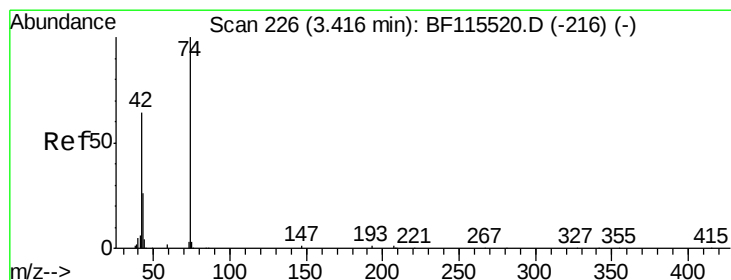
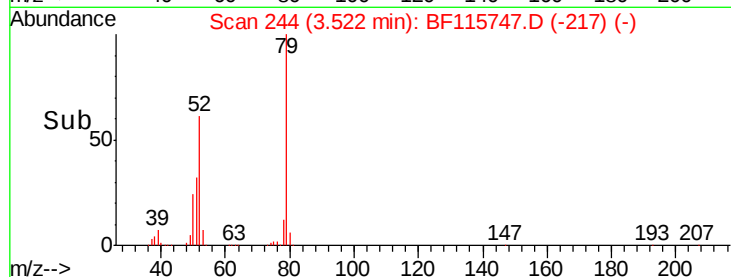
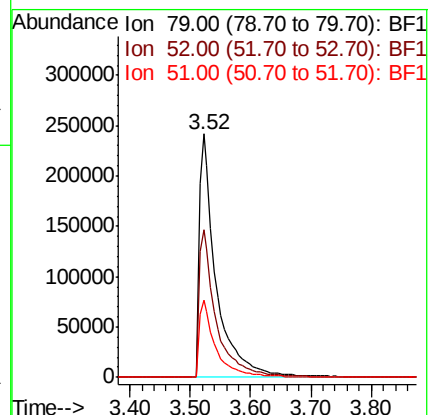
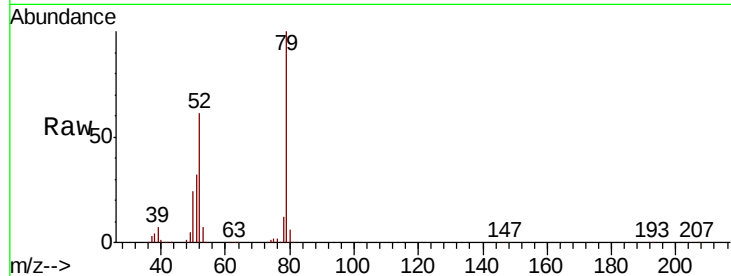
Tot Ion: 79 Resp: 472349

Ion Ratio Lower Upper

79 100

52 60.7 47.8 71.6

51 31.9 23.8 35.8



#4

n-Nitrosodimethylamine

Concen: 42.237 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.05 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

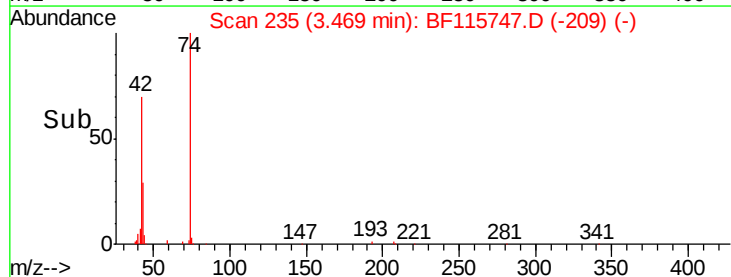
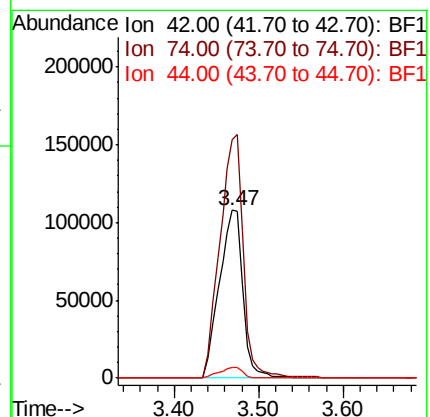
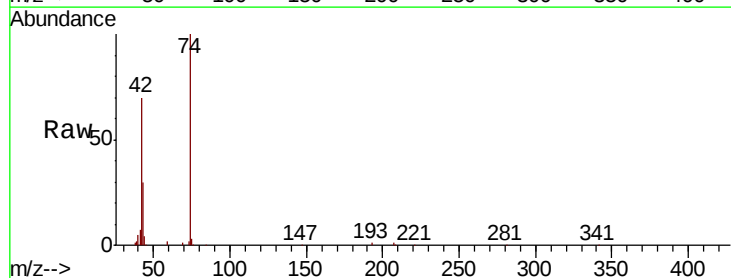
Tgt Ion: 42 Resp: 210632

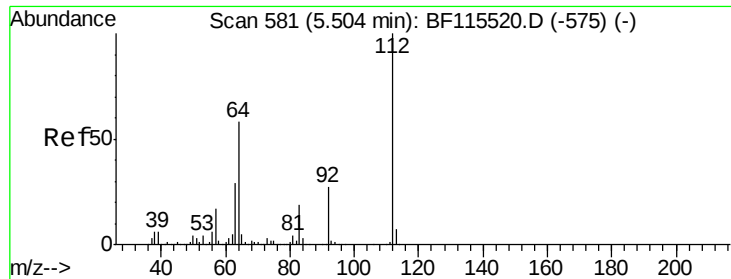
Ion Ratio Lower Upper

42 100

74 142.4 127.5 191.3

44 6.1 5.0 7.6





#5

2-Fluorophenol

Concen: 80.964 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampled :

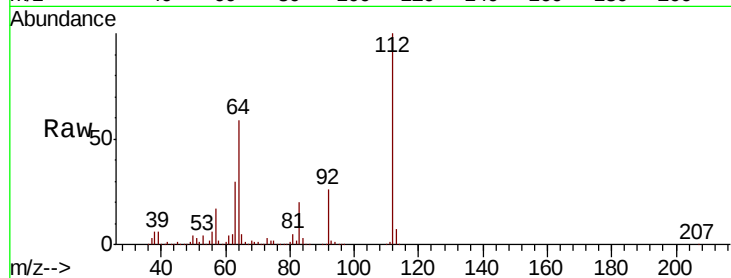
Tot Ion:112 Resp: 822386

Ion Ratio Lower Upper

112 100

64 59.0 46.8 70.2

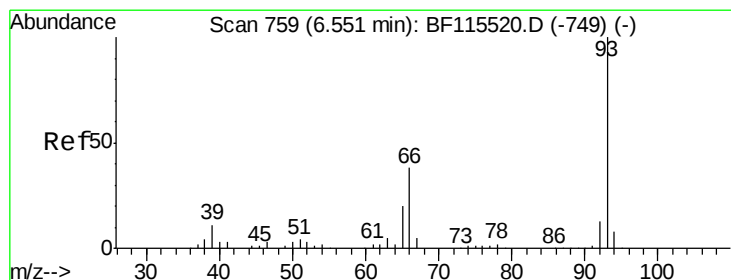
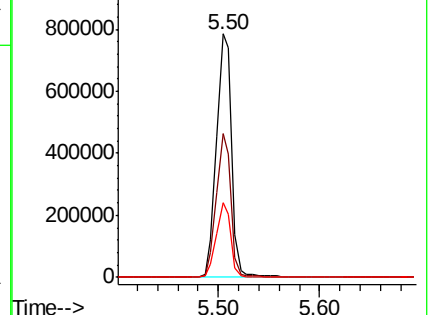
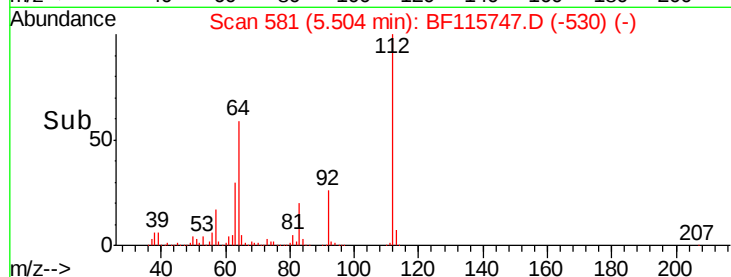
63 30.5 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF115520.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF115520.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF115520.D (-575) (-)



#6

Aniline

Concen: 27.026 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

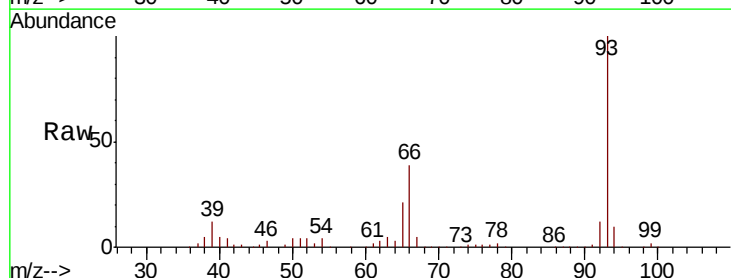
Tgt Ion: 93 Resp: 484754

Ion Ratio Lower Upper

93 100

66 39.4 31.7 47.5

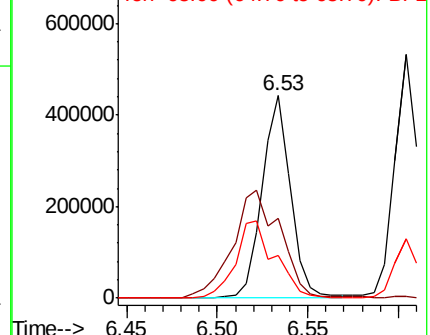
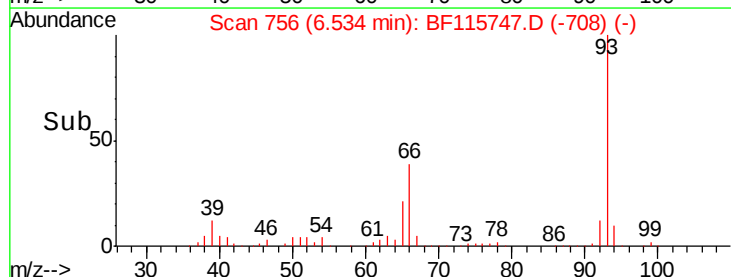
65 20.8 16.2 24.2

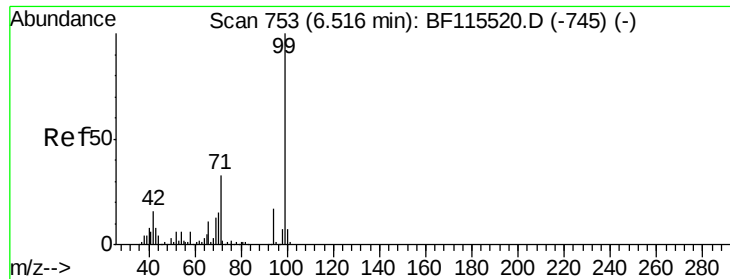


Abundance Ion 93.00 (92.70 to 93.70): BF115520.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BF115520.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BF115520.D (-749) (-)





#7

Phenol-d6

Concen: 81.281 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

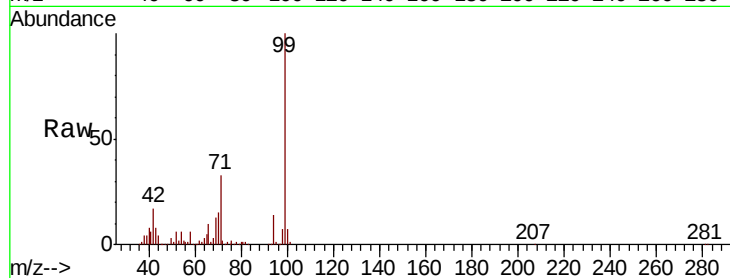
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1047599

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	32.9	28.5	42.7

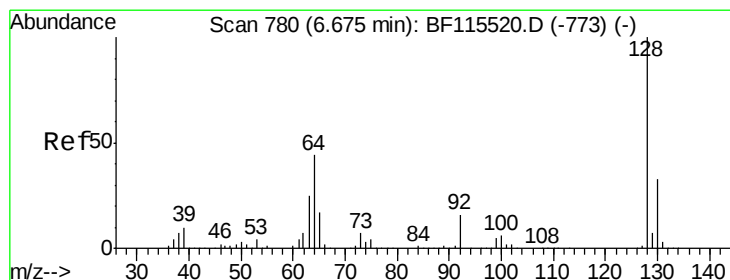
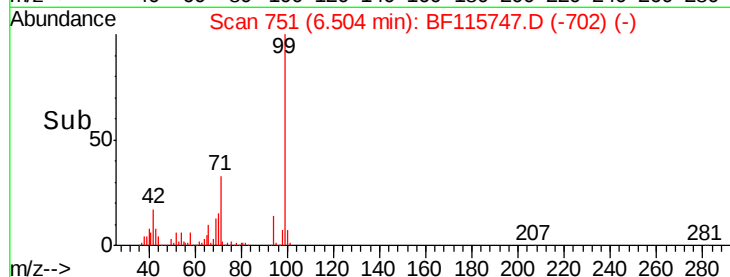
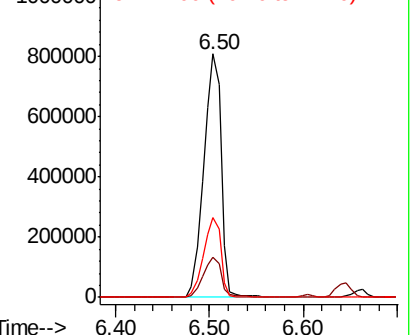


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.859 ng

RT: 6.66 min Scan# 778

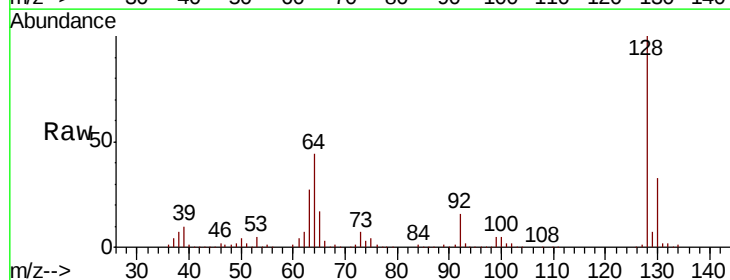
Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Tgt Ion: 128 Resp: 477160

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	43.8	26.8	66.8

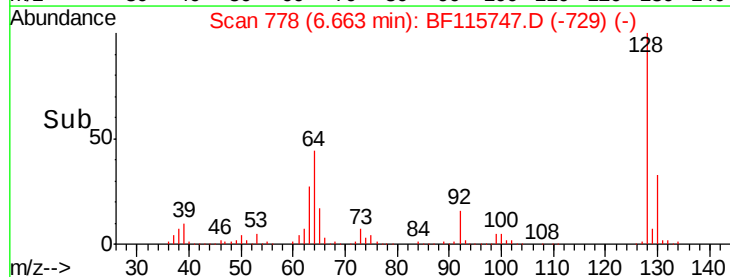
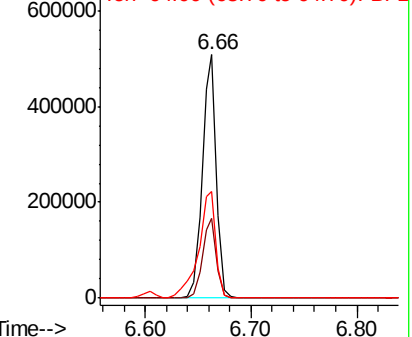


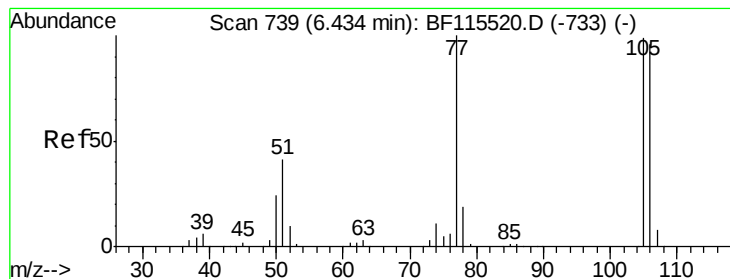
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.527 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

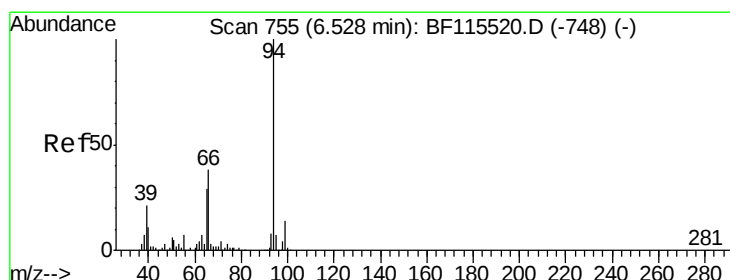
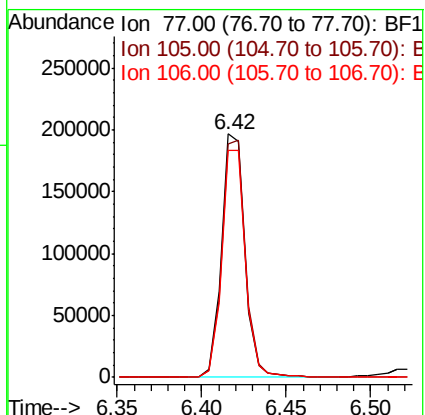
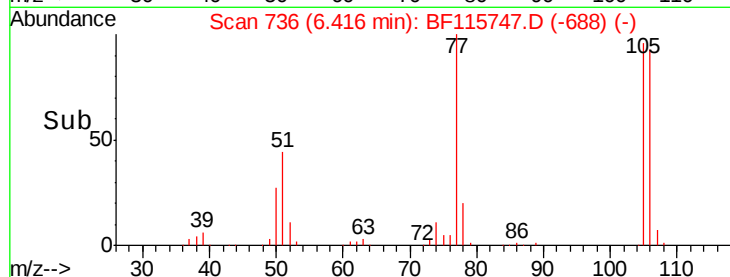
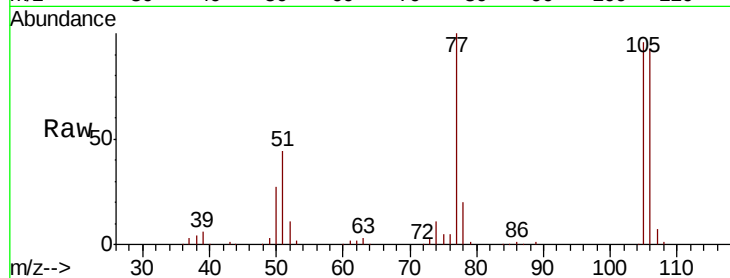
Tot Ion: 77 Resp: 189488

Ion Ratio Lower Upper

77 100

105 95.8 78.8 118.8

106 93.2 75.6 115.6



#10

Phenol

Concen: 40.096 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

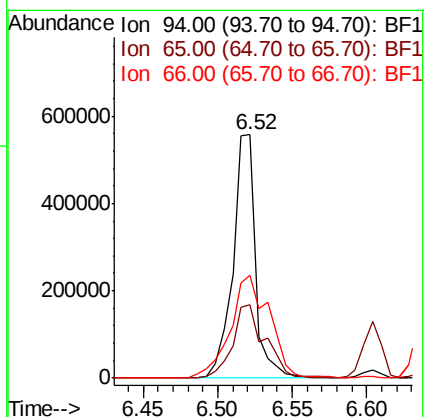
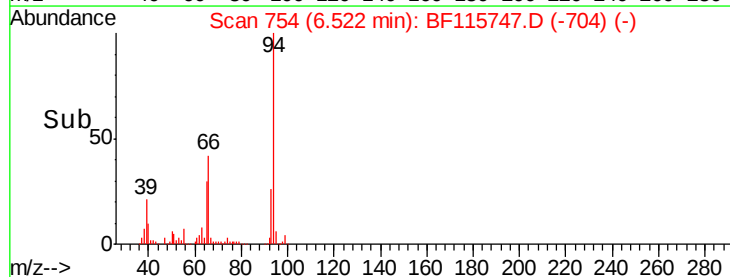
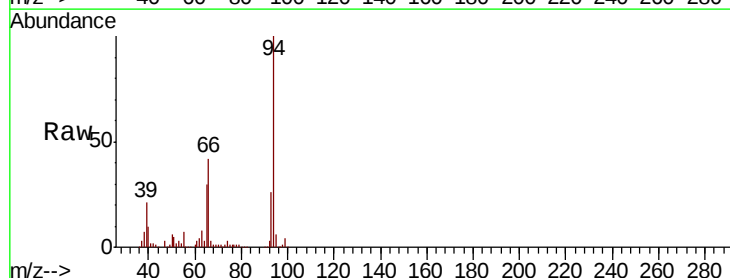
Tgt Ion: 94 Resp: 599909

Ion Ratio Lower Upper

94 100

65 30.1 14.5 54.5

66 42.4 31.3 71.3

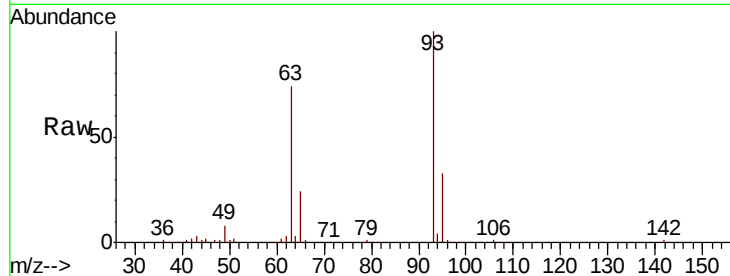




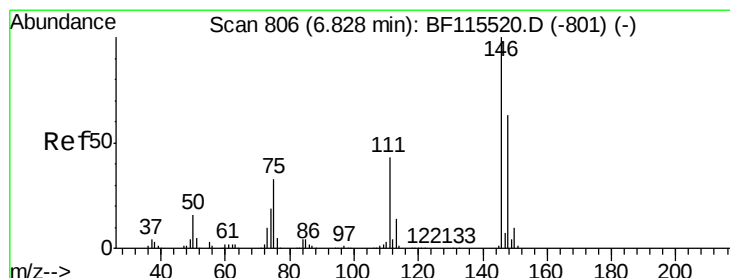
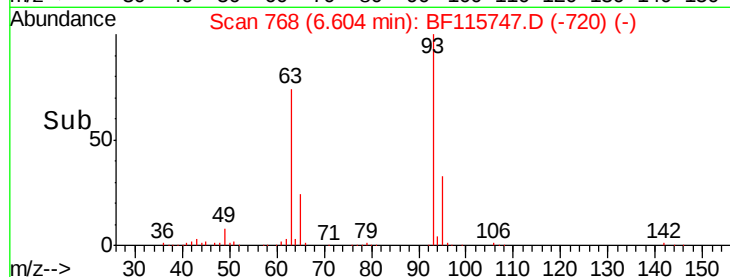
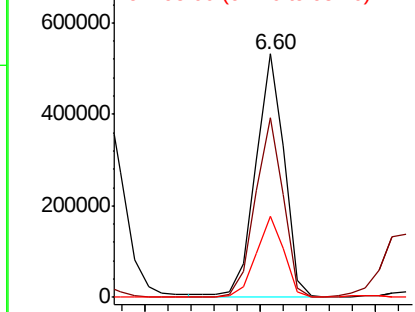
#11
bis(2-Chloroethyl)ether
Concen: 39.847 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 453911
Ion Ratio Lower Upper
93 100
63 74.0 52.2 92.2
95 33.1 12.9 52.9

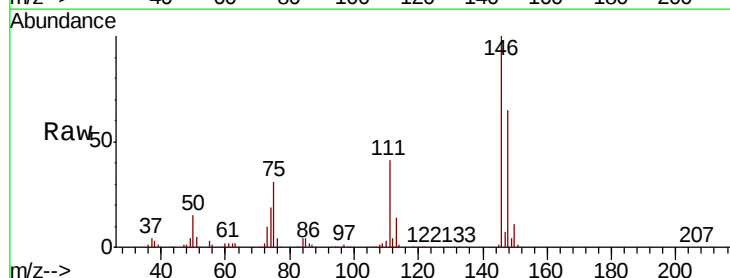


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

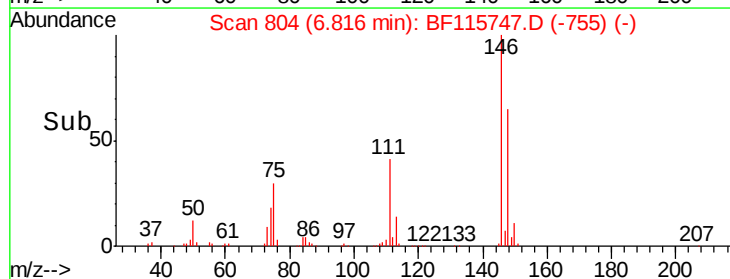
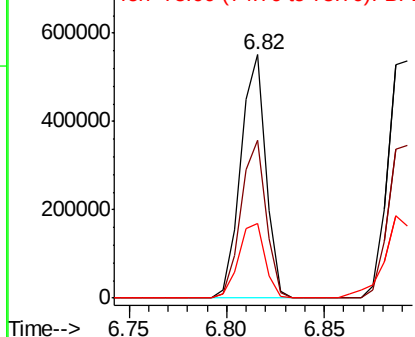


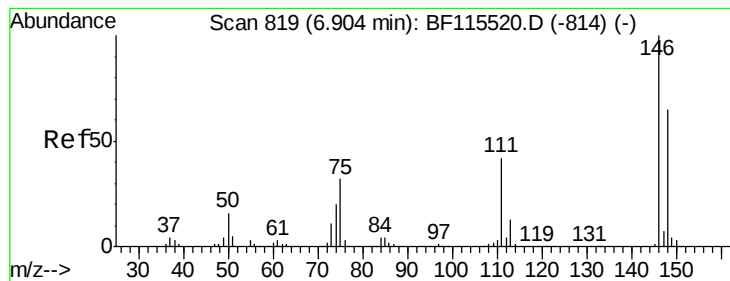
#12
1,3-Dichlorobenzene
Concen: 37.530 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion: 146 Resp: 492773
Ion Ratio Lower Upper
146 100
148 65.0 52.1 78.1
75 30.9 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

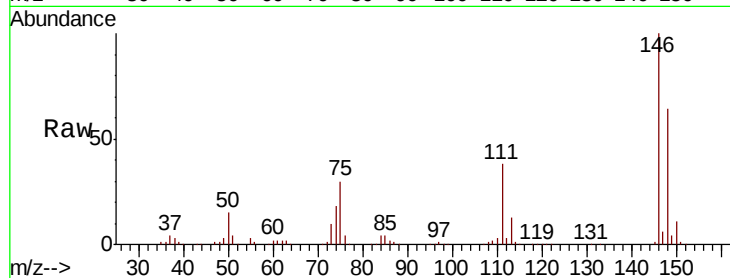




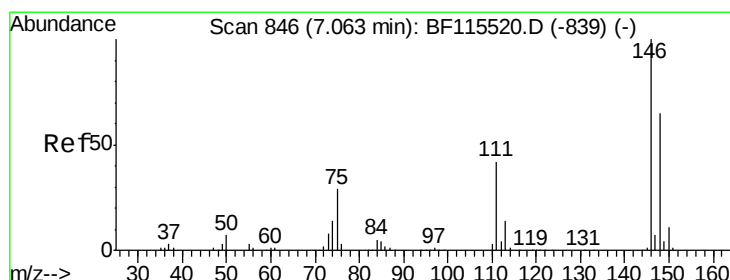
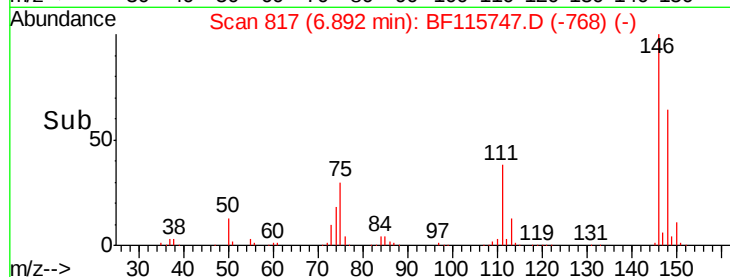
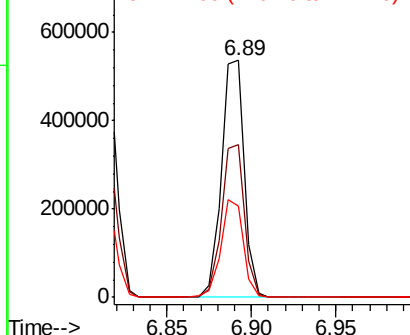
#13
 1,4-Dichlorobenzene
 Concen: 38.471 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 503995
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 38.4 35.5 53.3

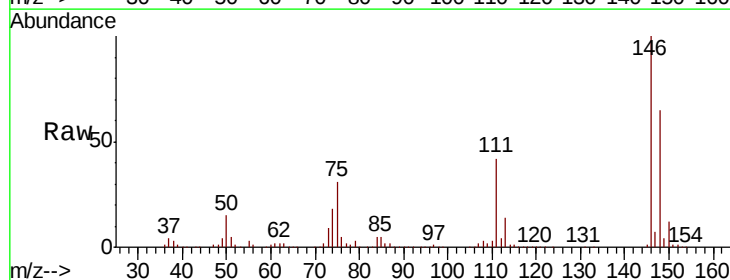


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

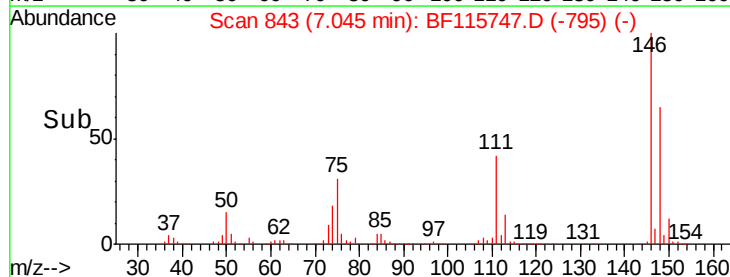
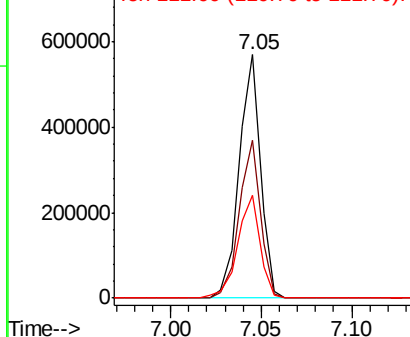


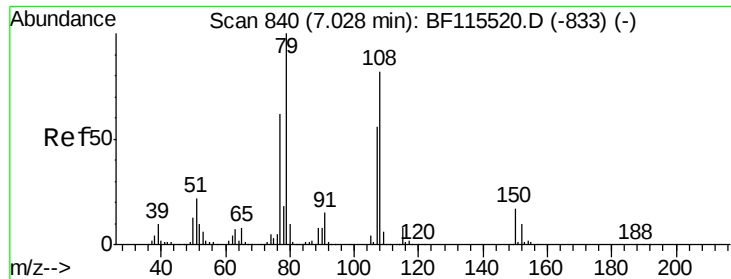
#14
 1,2-Dichlorobenzene
 Concen: 38.954 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Tgt Ion:146 Resp: 466495
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 42.2 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 39.134 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampled :

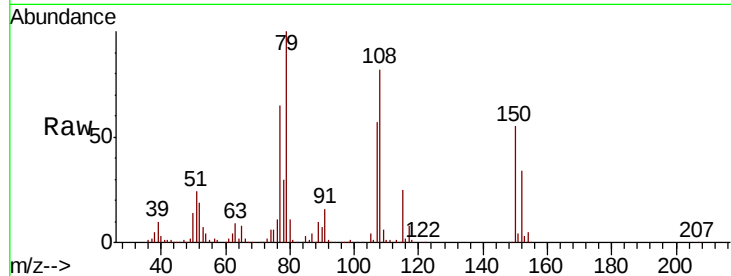
Tot Ion: 79 Resp: 400117

Ion Ratio Lower Upper

79 100

108 82.5 64.2 96.4

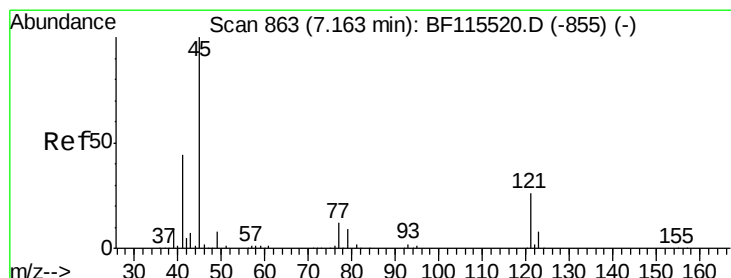
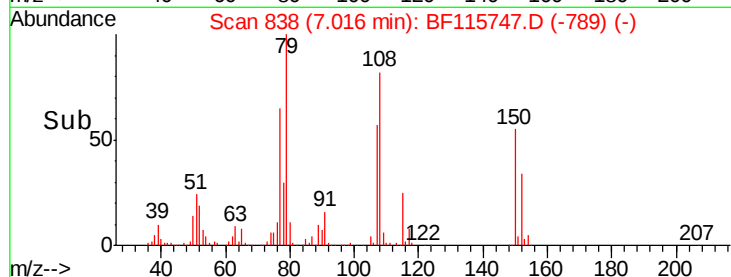
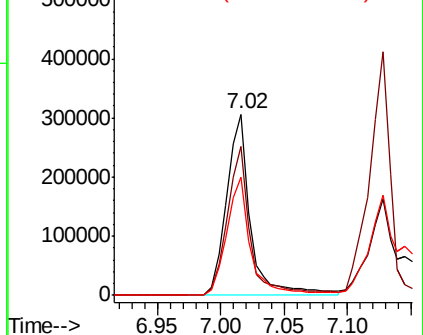
77 65.2 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.597 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

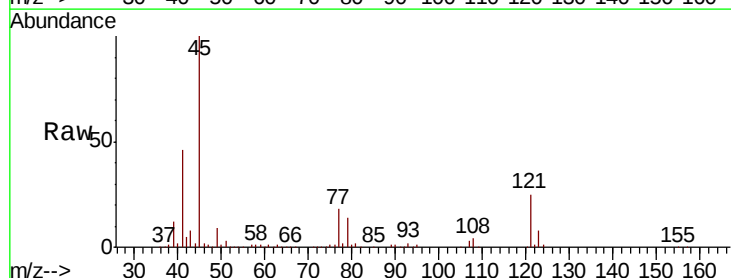
Tgt Ion: 45 Resp: 608831

Ion Ratio Lower Upper

45 100

77 17.7 0.0 38.1

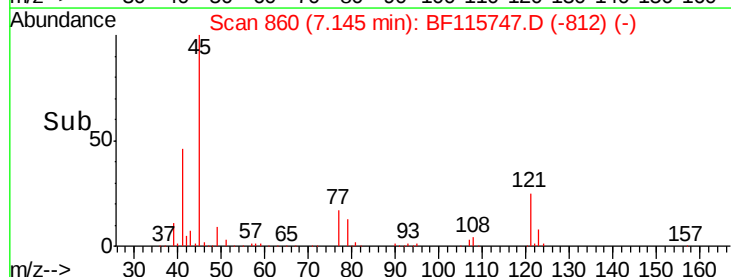
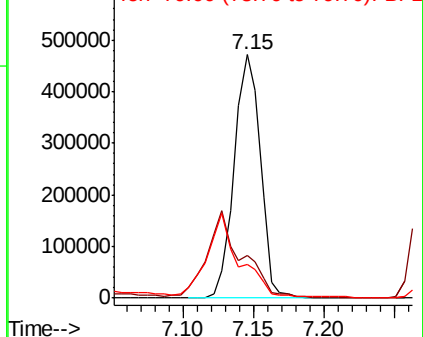
79 14.0 0.0 34.1

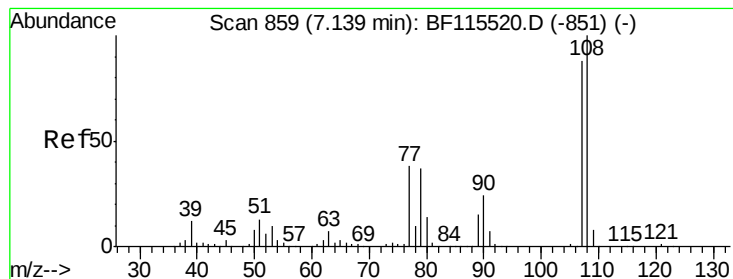


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

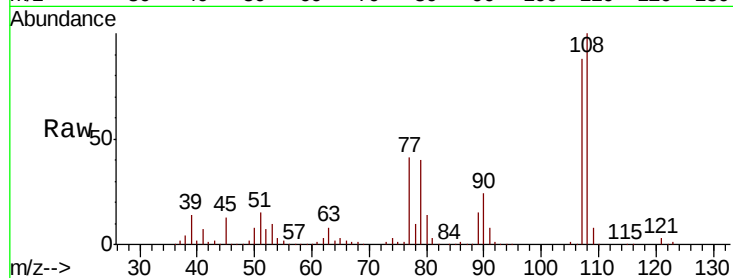




#17
2-Methylphenol
Concen: 41.626 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	89.4	134.2
77	47.3	35.7	53.5
79	45.3	35.0	52.4



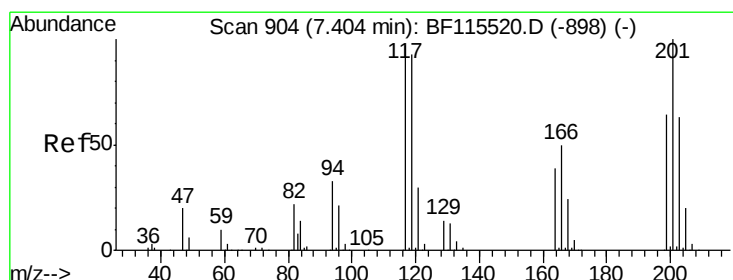
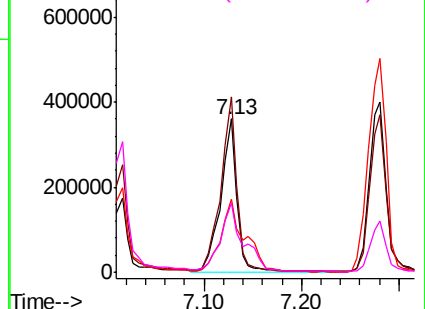
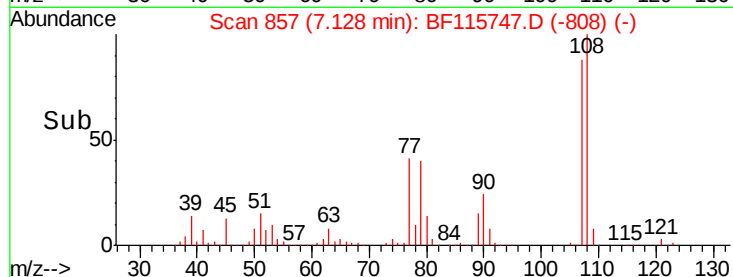
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

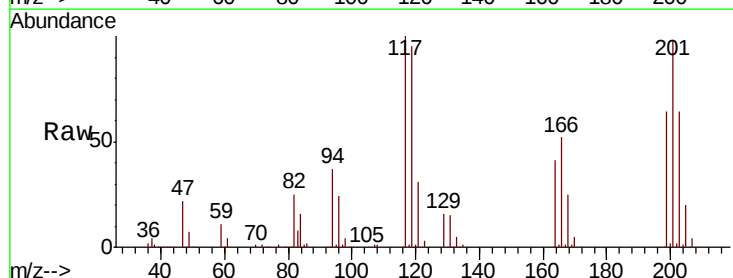
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.659 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.7	116.5
201	97.9	86.0	129.0

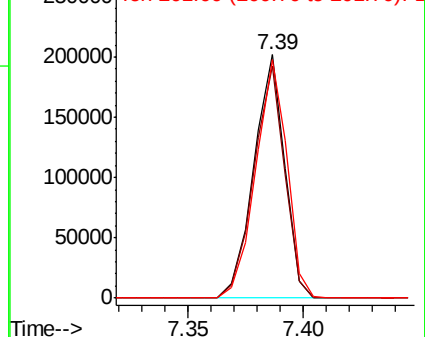
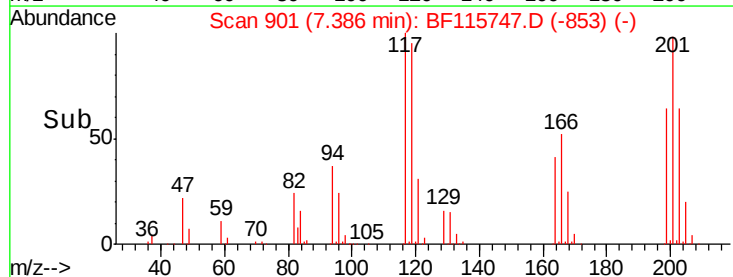


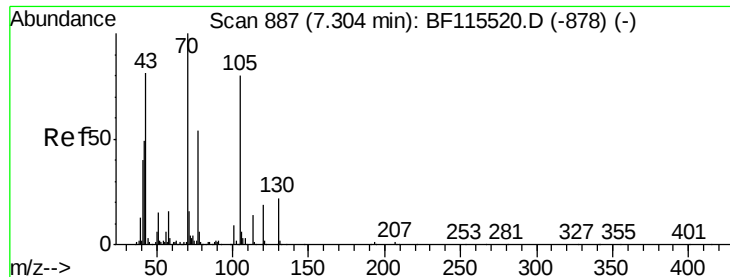
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.086 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 328548

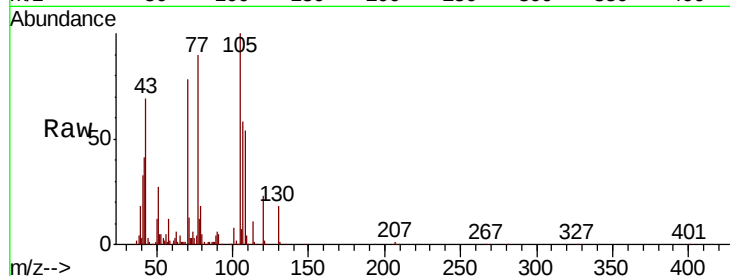
Ion Ratio Lower Upper

70 100

42 52.3 39.6 59.4

101 10.0 8.1 12.1

130 22.5 18.2 27.2

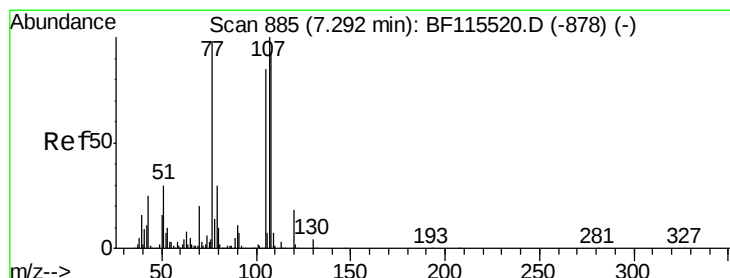
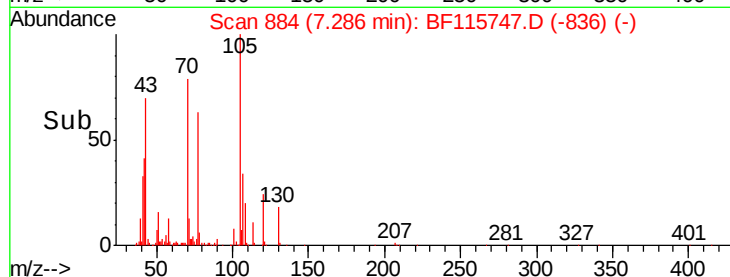
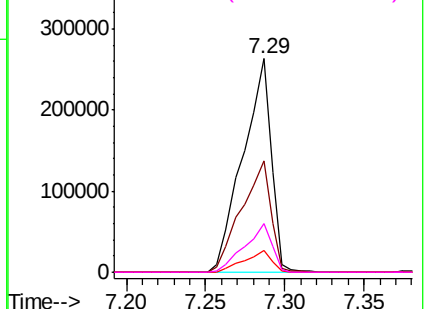


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 40.452 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Tgt Ion: 107 Resp: 483581

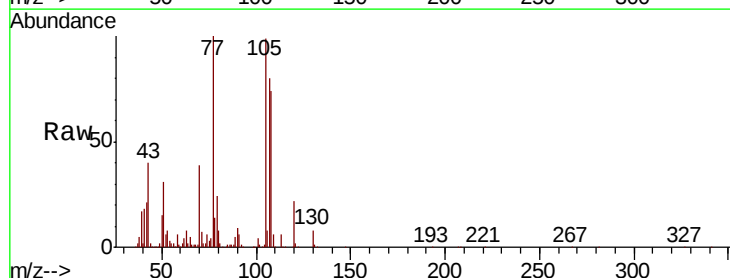
Ion Ratio Lower Upper

107 100

108 92.0 72.9 112.9

77 125.1 77.6 117.6#

79 29.8 10.5 50.5

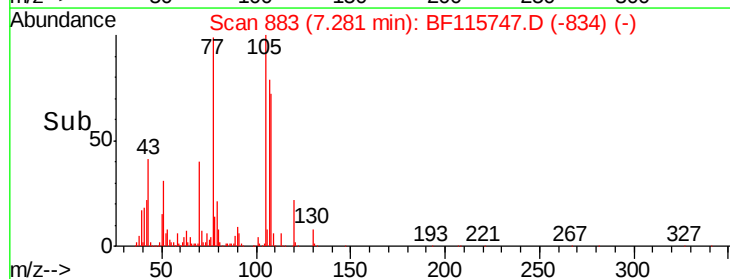
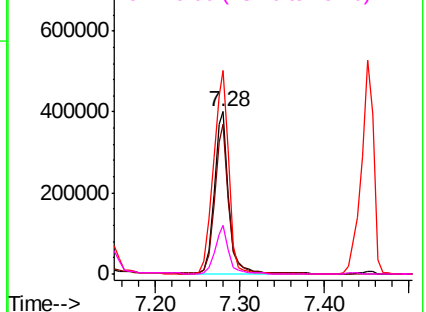


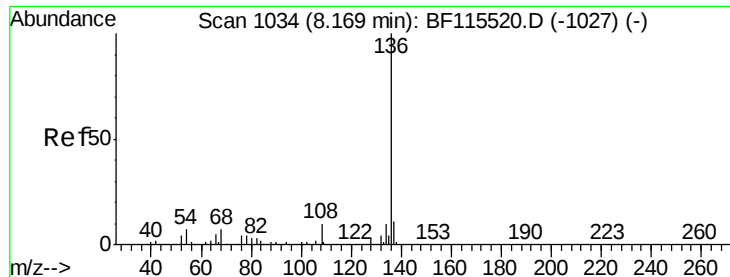
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 671815

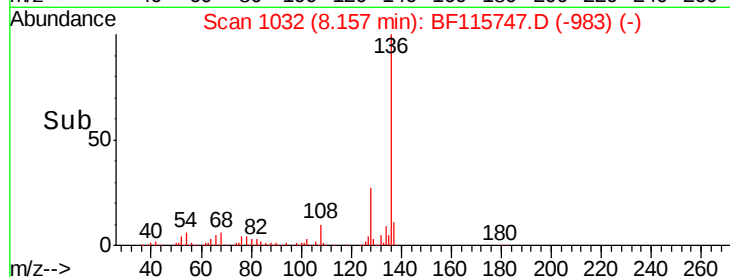
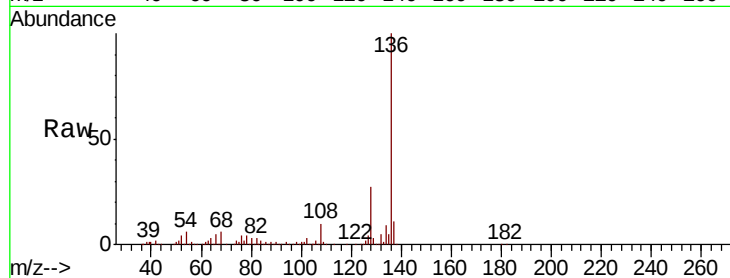
Ion Ratio Lower Upper

136 100

137 10.8 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

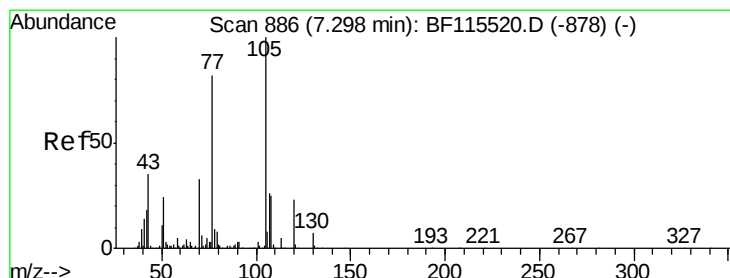
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.16

Time-->



#22

Acetophenone

Concen: 42.547 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Tgt Ion:105 Resp: 645753

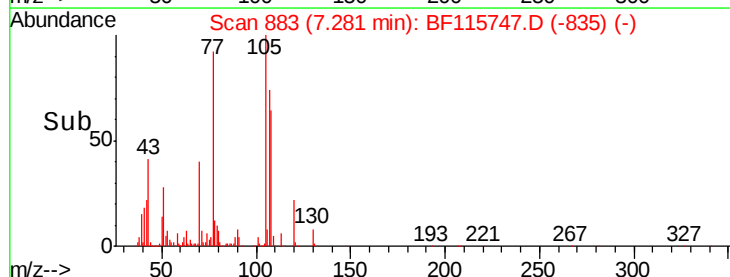
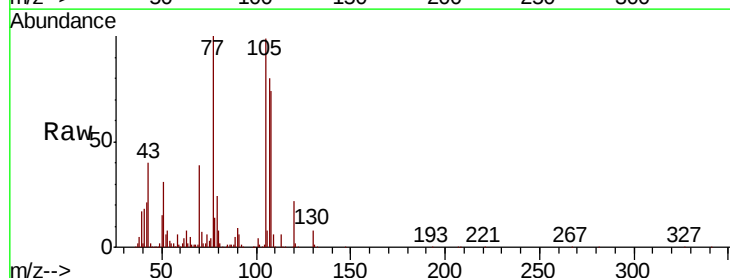
Ion Ratio Lower Upper

105 100

71 6.7 3.5 5.3#

51 31.5 25.6 38.4

120 22.0 17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

7.28

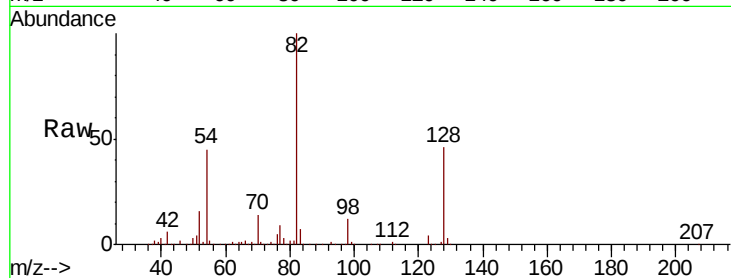
Time-->



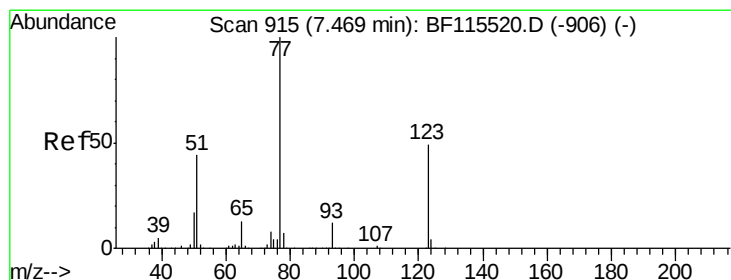
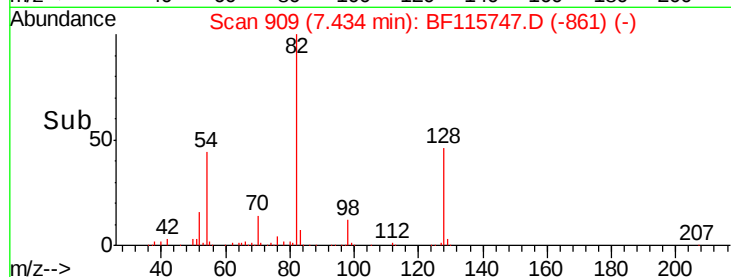
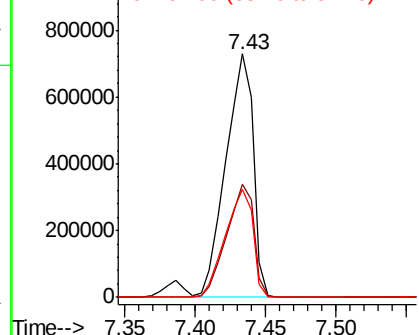
#23
Nitrobenzene-d5
Concen: 84.833 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	980139
Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.6	57.8
54	44.6	35.6	53.4

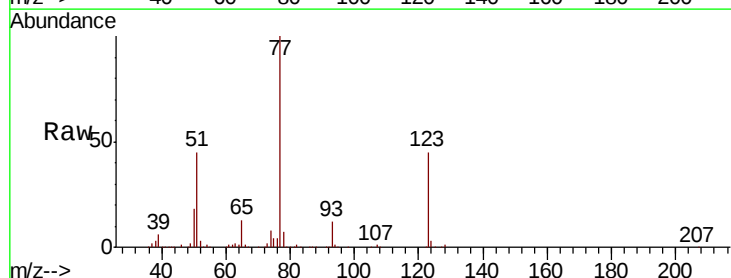


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

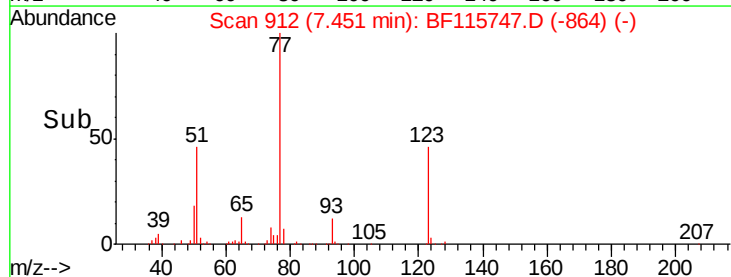
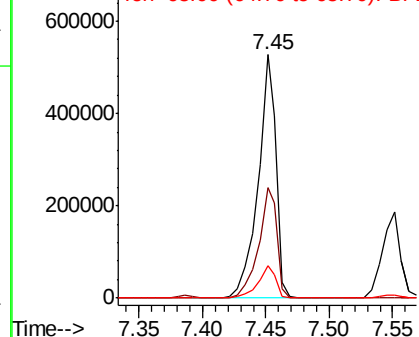


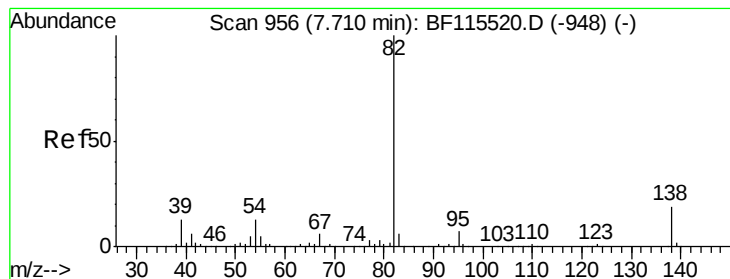
#24
Nitrobenzene
Concen: 41.962 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion	77	Resp	522924
Ion	Ratio	Lower	Upper
77	100		
123	45.3	40.0	60.0
65	13.3	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.509 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

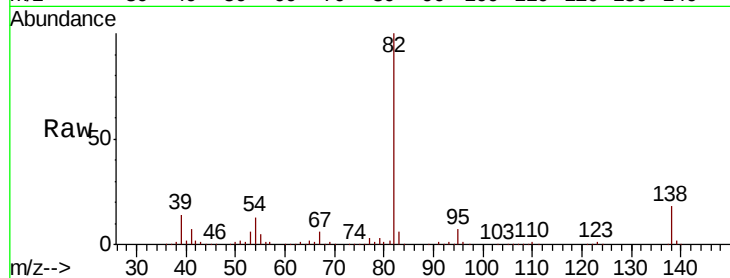
Tot Ion: 82 Resp: 959655

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

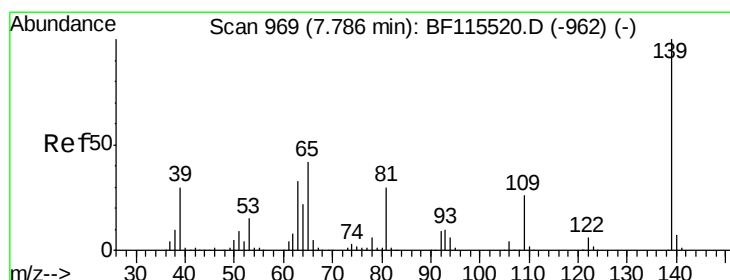
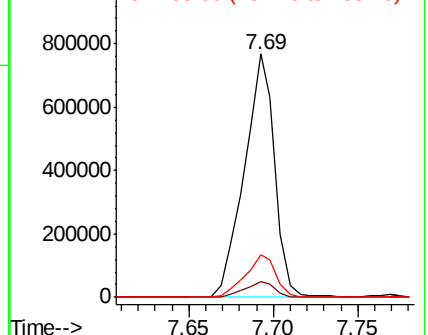
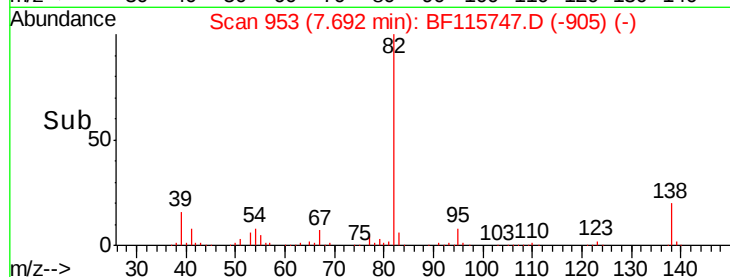
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.308 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

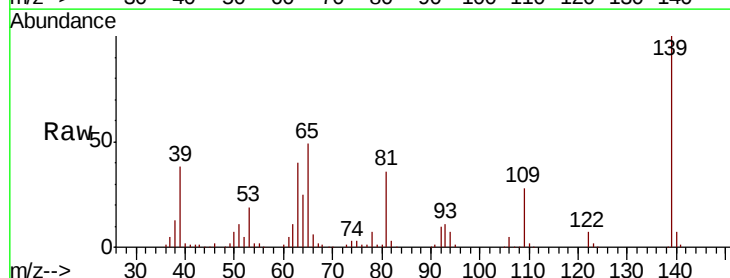
Tgt Ion: 139 Resp: 264959

Ion Ratio Lower Upper

139 100

109 28.4 23.3 34.9

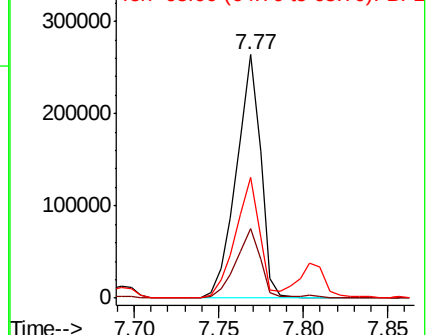
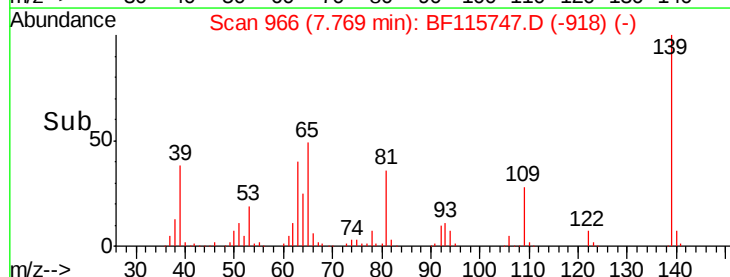
65 49.5 37.9 56.9



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: 48.283 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

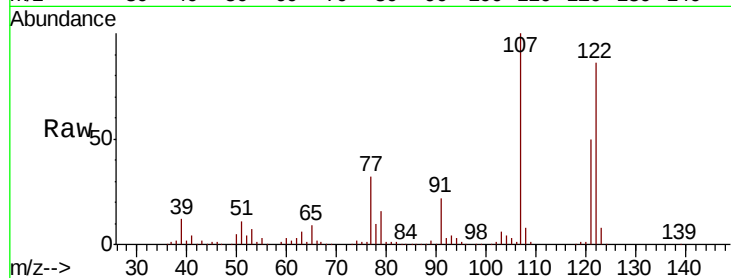
Tot Ion:122 Resp: 463382

Ion Ratio Lower Upper

122 100

107 116.5 92.9 139.3

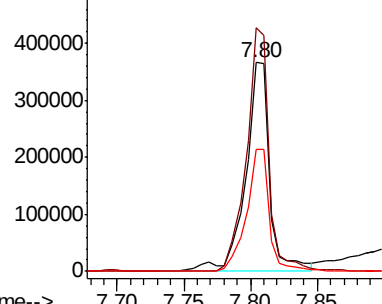
121 58.2 46.9 70.3



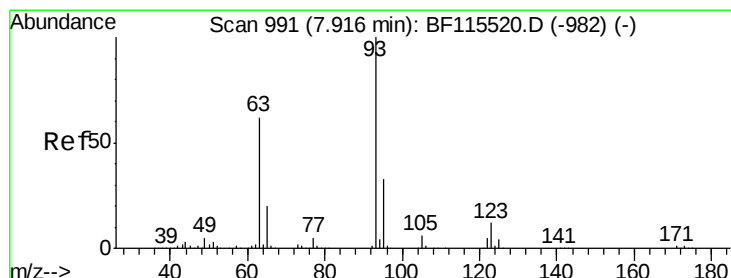
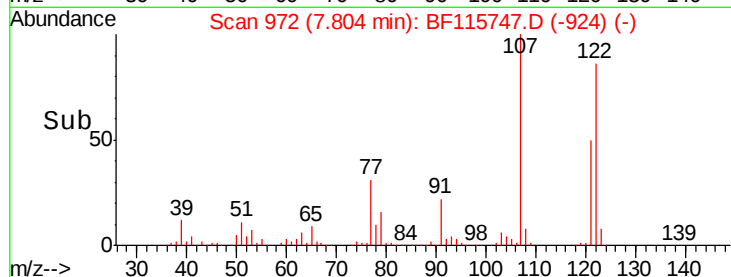
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 41.904 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

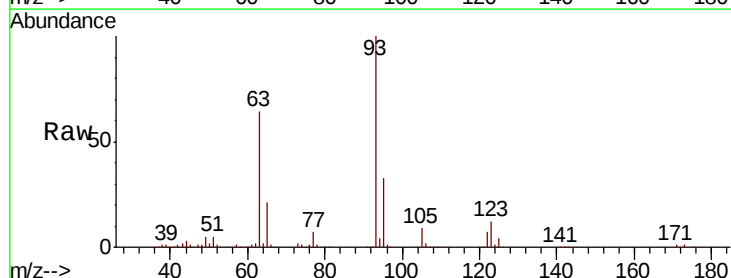
Tgt Ion: 93 Resp: 594328

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

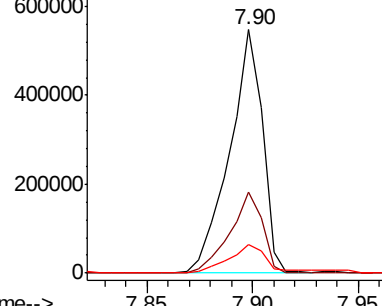
123 11.9 9.9 14.9



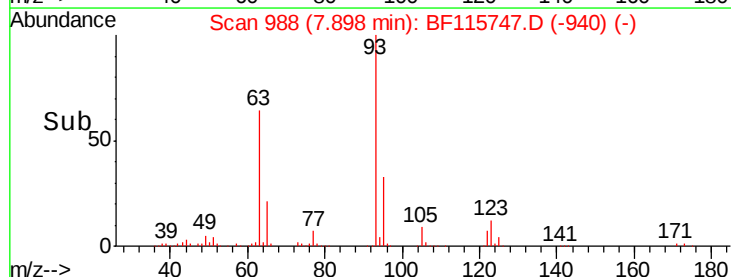
Abundance Ion 93.00 (92.70 to 93.70): BF1

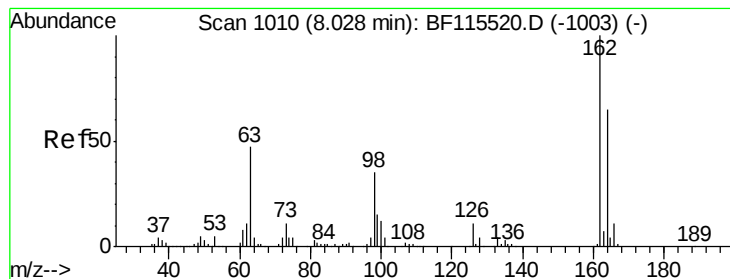
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



Time-->





#29

2,4-Dichlorophenol

Concen: 42.658 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

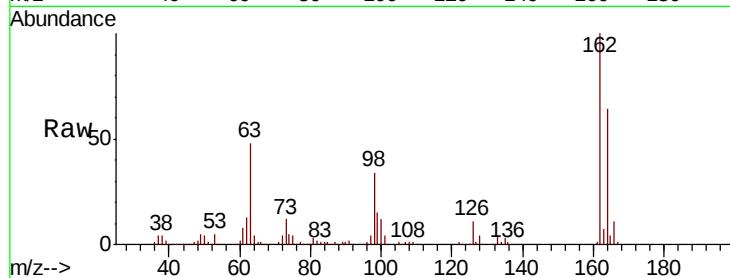
Tot Ion:162 Resp: 425775

Ion Ratio Lower Upper

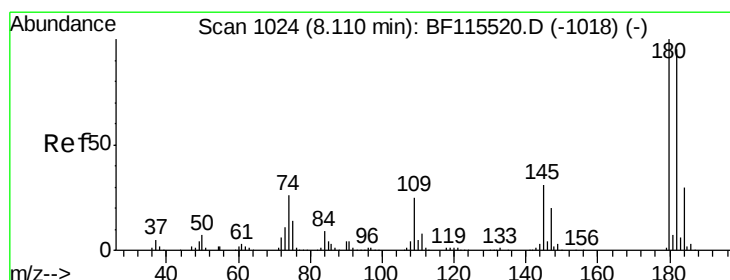
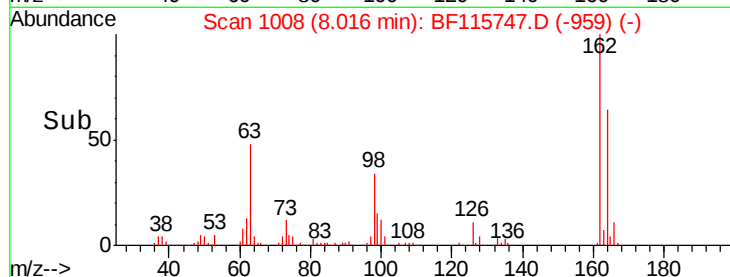
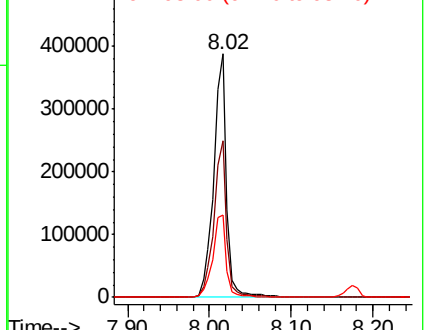
162 100

164 64.5 44.9 84.9

98 33.8 17.7 57.7



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



#30

1,2,4-Trichlorobenzene

Concen: 40.278 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

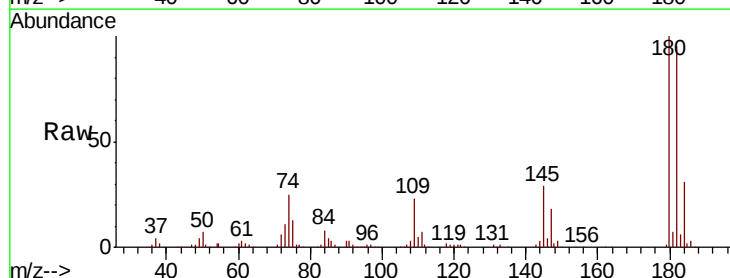
Tgt Ion:180 Resp: 454434

Ion Ratio Lower Upper

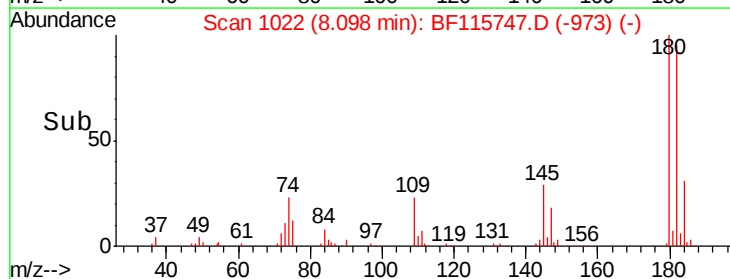
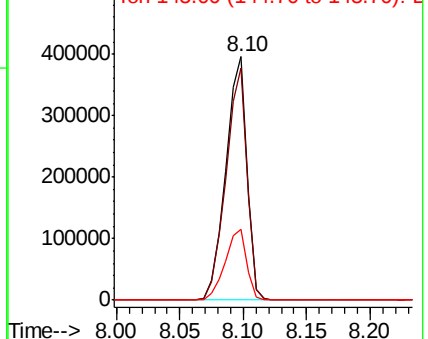
180 100

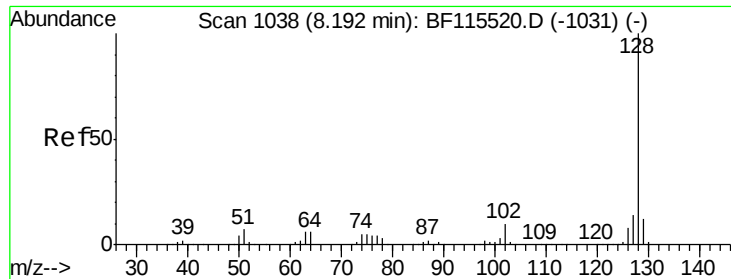
182 95.5 75.0 112.6

145 29.1 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

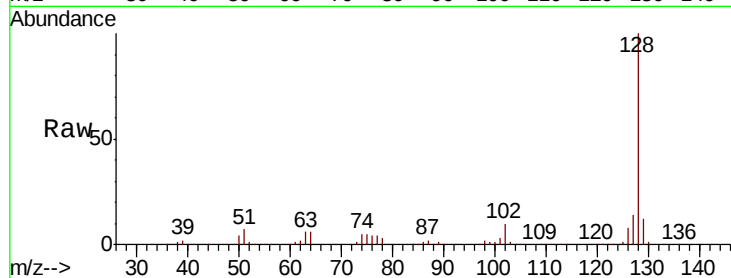




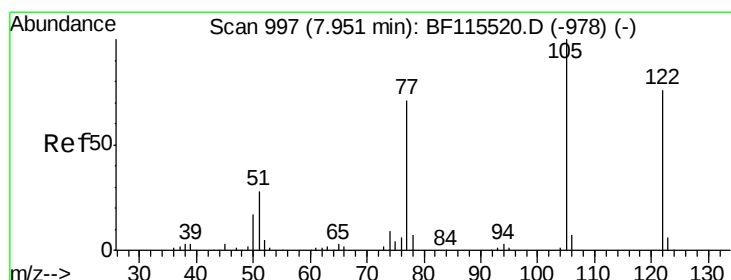
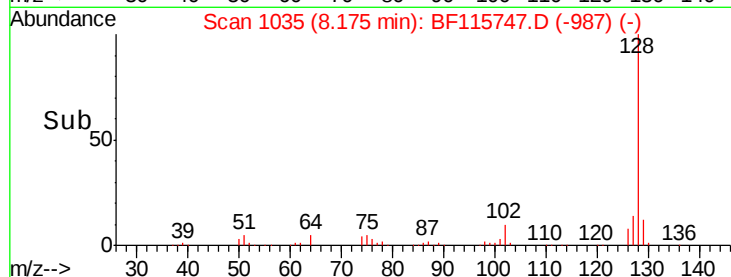
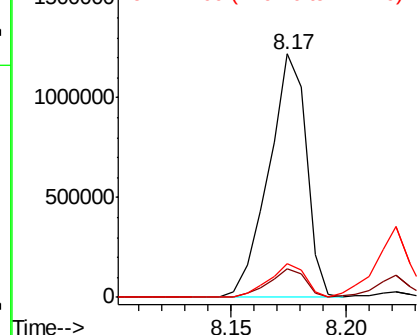
#31
Naphthalene
Concen: 42.473 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1381904
Ion Ratio Lower Upper
128 100
129 11.6 9.9 14.9
127 13.7 12.1 18.1

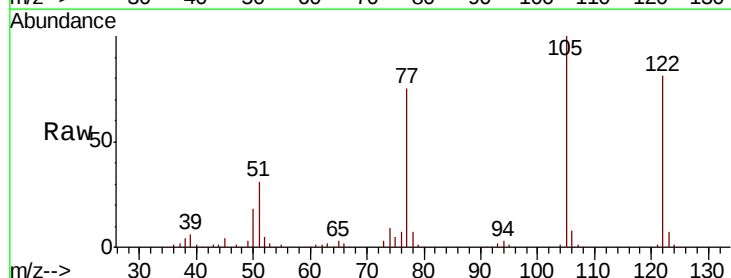


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

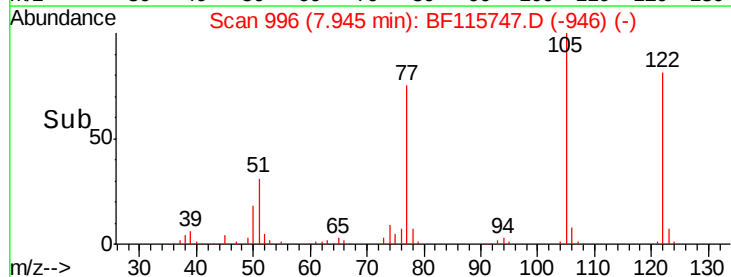
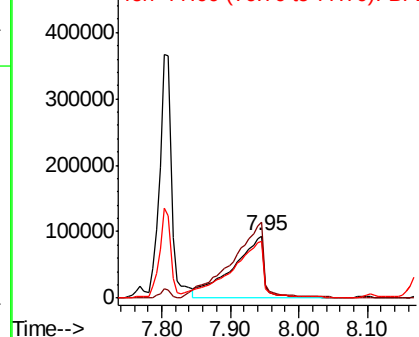


#32
Benzoic acid
Concen: 37.823 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:122 Resp: 297903
Ion Ratio Lower Upper
122 100
105 122.8 102.5 142.5
77 92.4 70.2 110.2



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

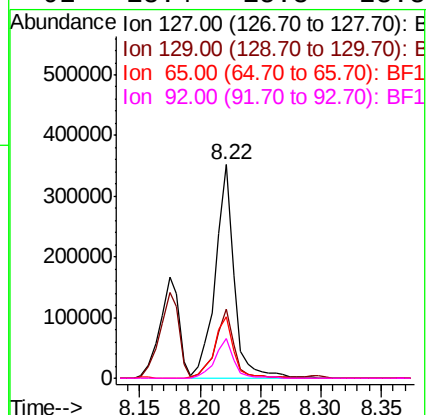
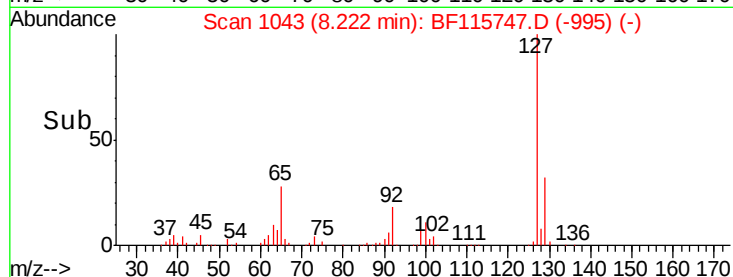
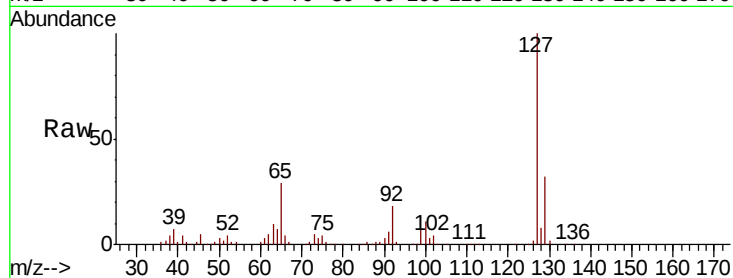




#33
4-Chloroaniline
Concen: 25.971 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

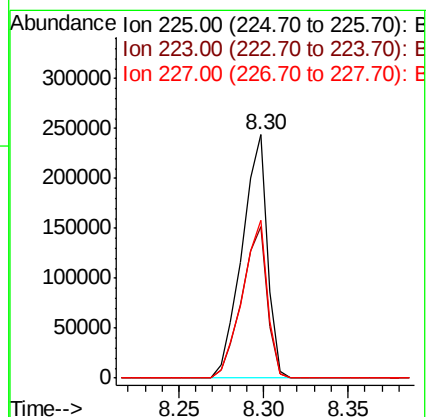
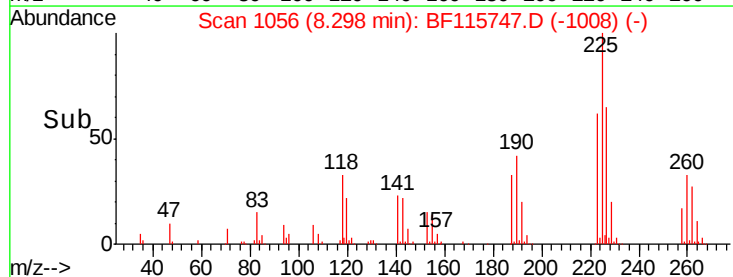
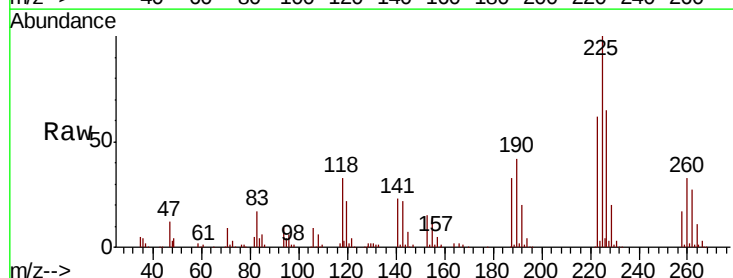
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	374283
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	28.8	23.7	35.5
92	18.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 39.617 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:	225	Resp:	256319
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	64.6	50.7	76.1

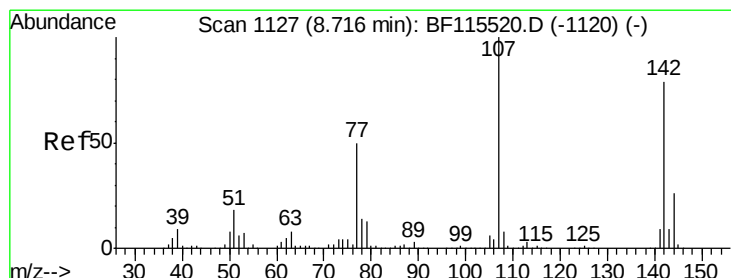
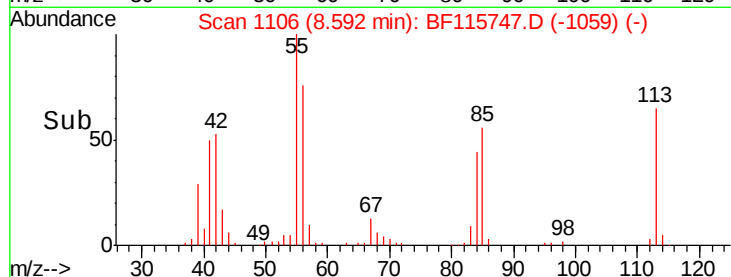
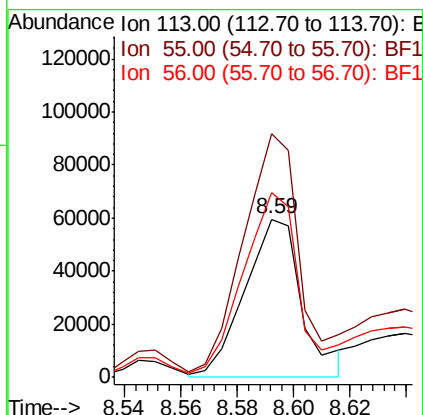
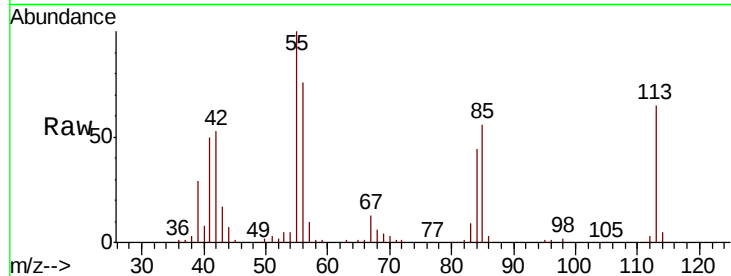




#35
Caprolactam
Concen: 26.911 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

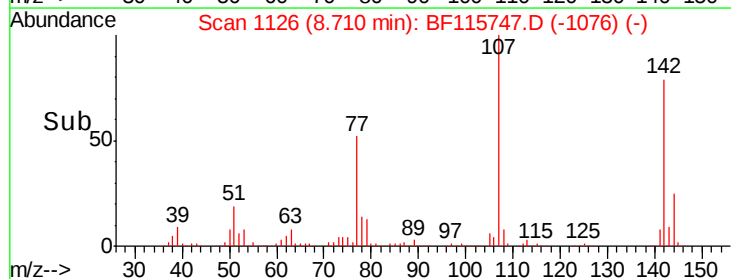
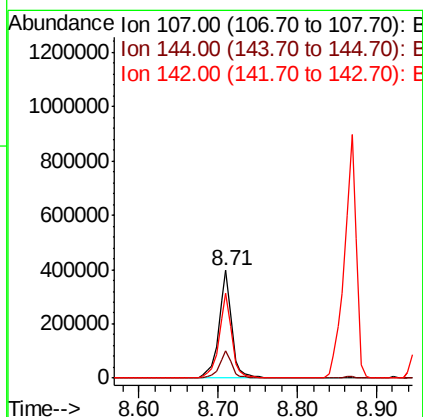
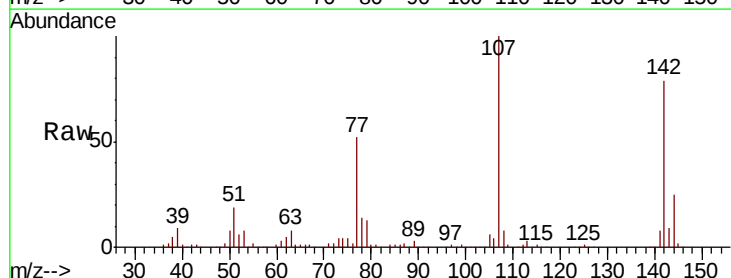
Instrument :
BNA_F
ClientSampled :

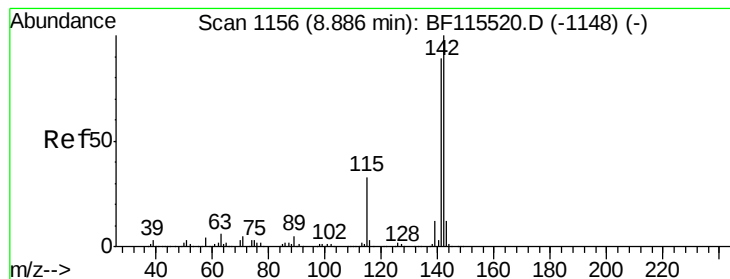
Tot Ion:113 Resp: 83003
Ion Ratio Lower Upper
113 100
55 153.9 126.9 166.9
56 116.4 90.3 130.3



#36
4-Chloro-3-methylphenol
Concen: 42.833 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:107 Resp: 443473
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 78.9 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.693 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

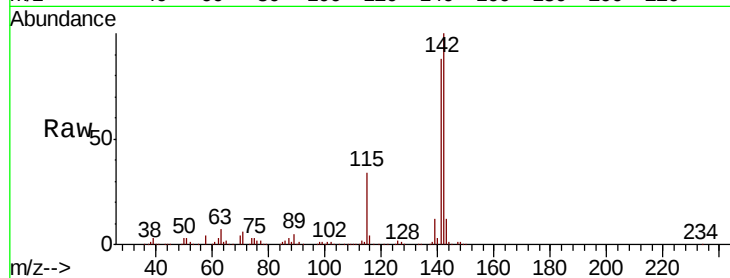
Tot Ion:142 Resp: 942330

Ion Ratio Lower Upper

142 100

141 87.8 72.0 108.0

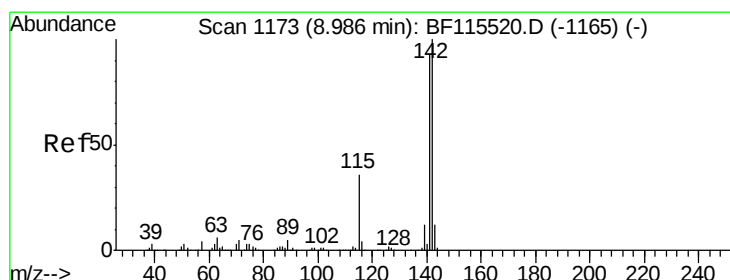
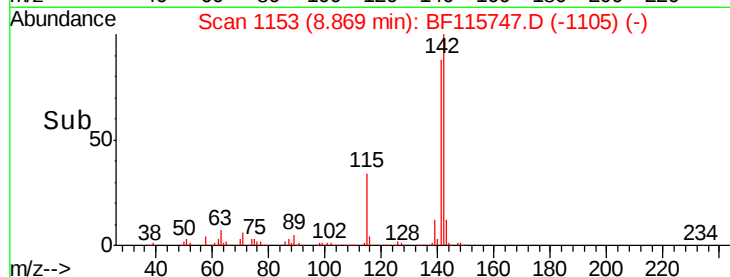
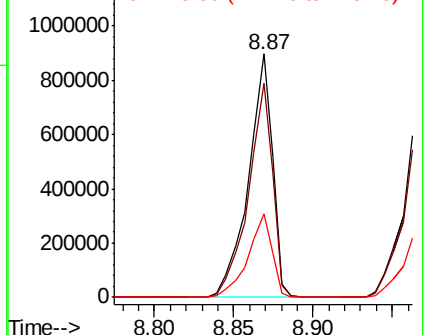
115 34.5 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.879 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

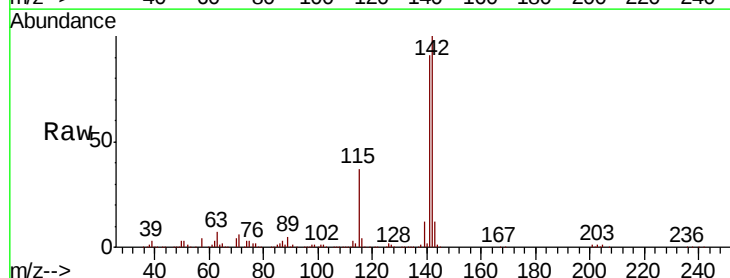
Tgt Ion:142 Resp: 878404

Ion Ratio Lower Upper

142 100

141 91.5 75.3 112.9

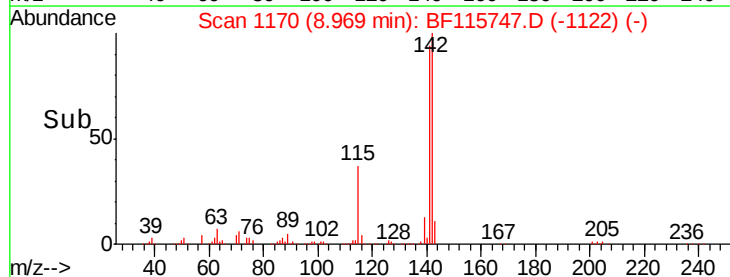
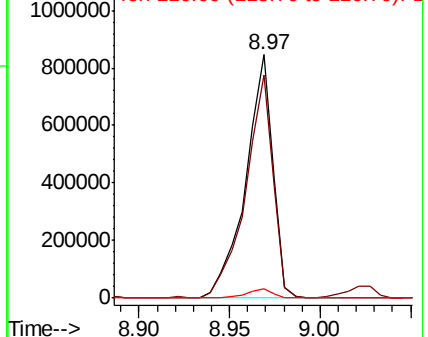
116 3.7 3.3 4.9



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

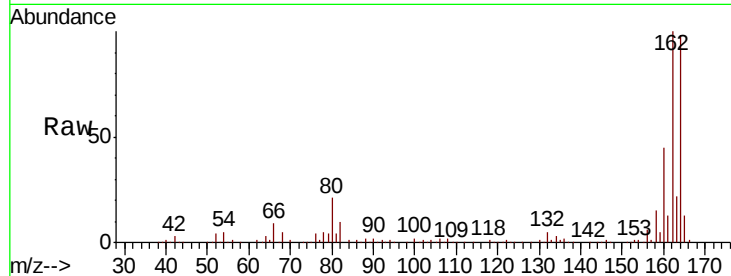




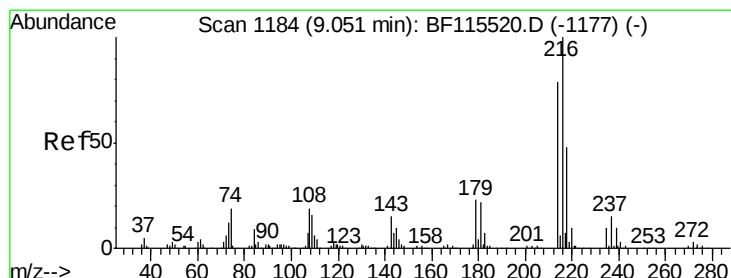
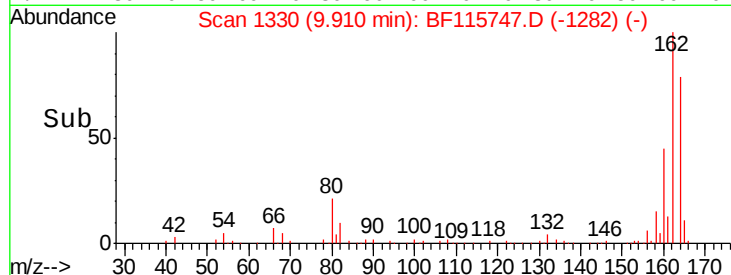
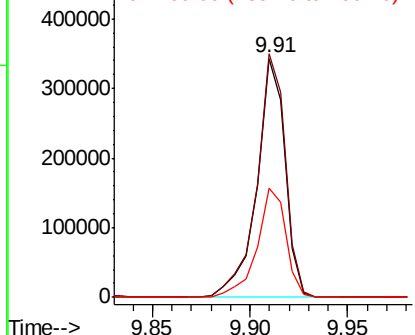
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 343636
Ion Ratio Lower Upper
164 100
162 102.0 82.9 124.3
160 45.5 36.8 55.2

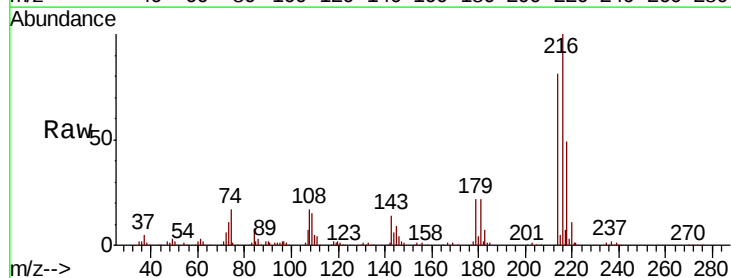


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

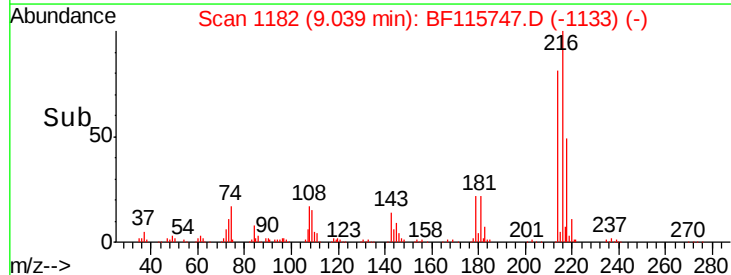
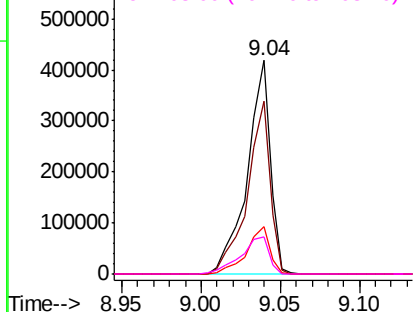


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.702 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:216 Resp: 421189
Ion Ratio Lower Upper
216 100
214 79.8 65.1 97.7
179 22.2 18.3 27.5
108 21.8 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: 63.127 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

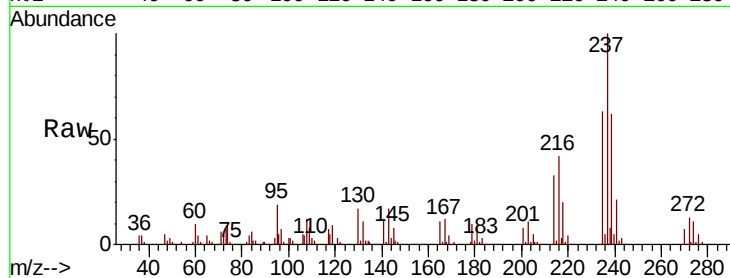
Tot Ion:237 Resp: 372634

Ion Ratio Lower Upper

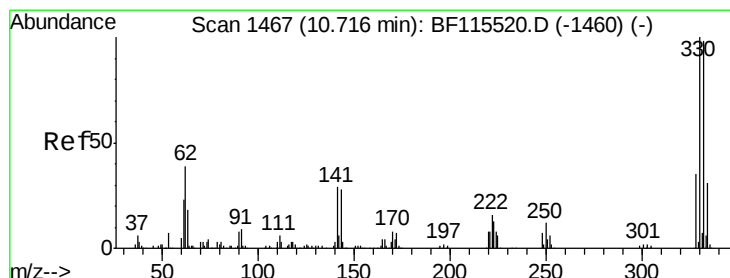
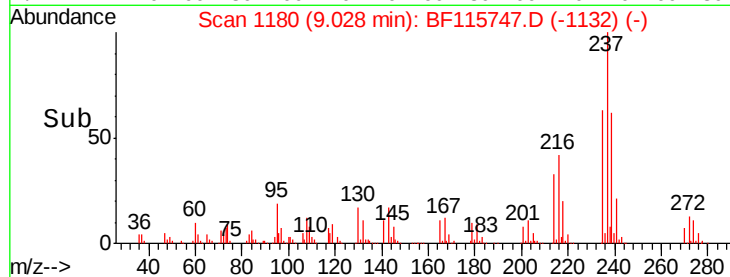
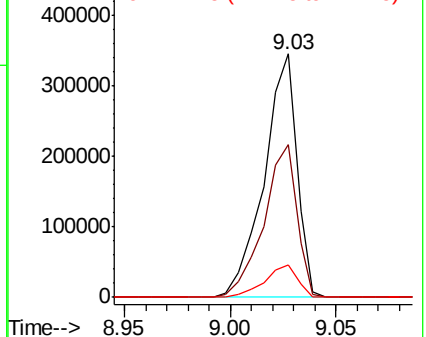
237 100

235 62.6 43.6 83.6

272 13.5 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 77.875 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

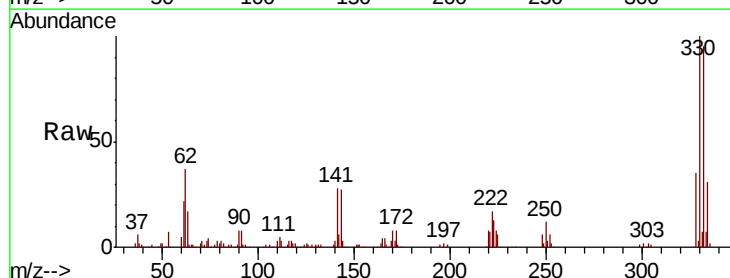
Tgt Ion:330 Resp: 312361

Ion Ratio Lower Upper

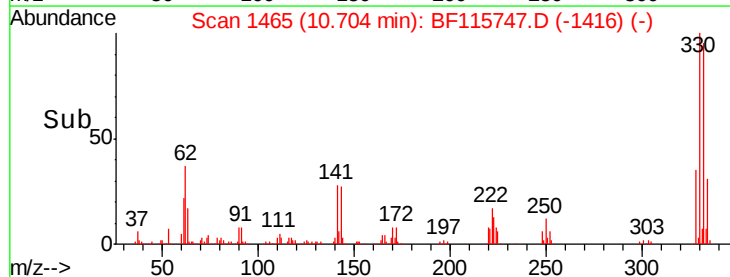
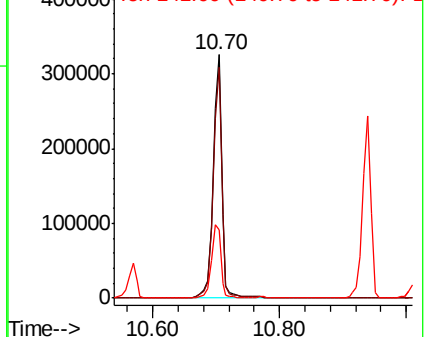
330 100

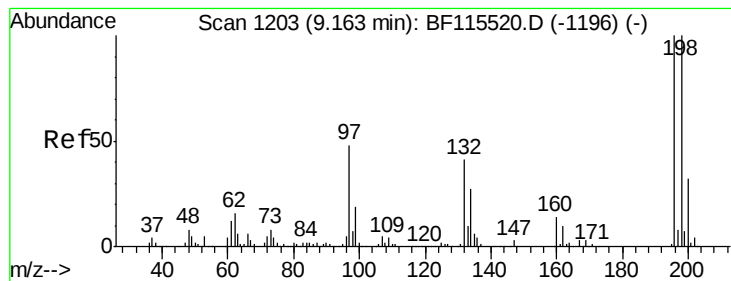
332 94.9 77.4 116.2

141 33.0 22.4 33.6



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





#43

2,4,6-Trichlorophenol

Concen: 39.175 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampled :

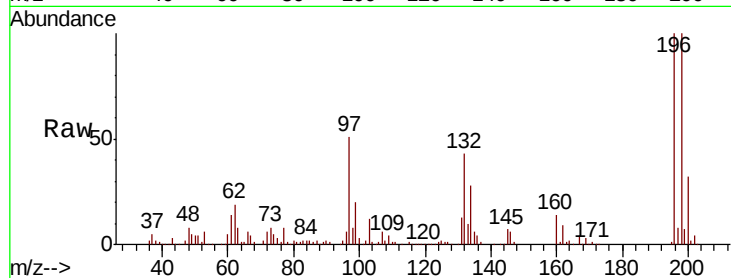
Tot Ion:196 Resp: 296458

Ion Ratio Lower Upper

196 100

198 100.1 80.6 121.0

200 32.1 25.8 38.6

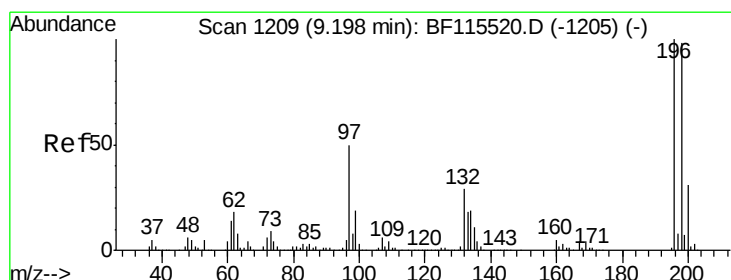
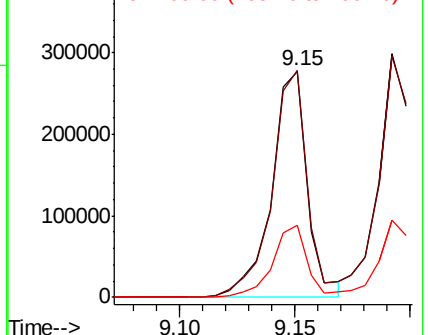
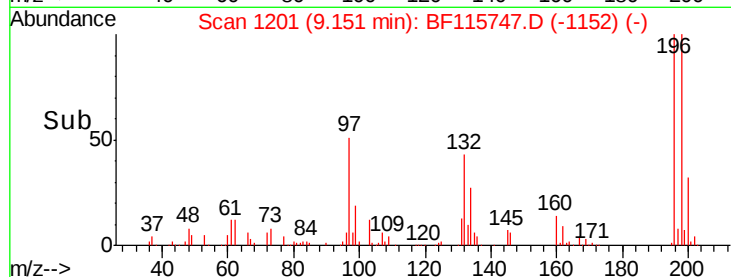


Abundance

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: 39.677 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Tgt Ion:196 Resp: 307491

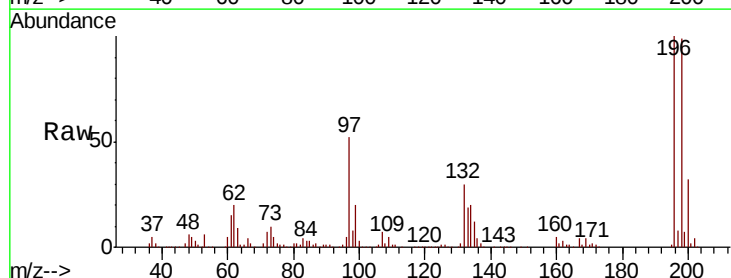
Ion Ratio Lower Upper

196 100

198 99.1 79.6 119.4

97 52.0 37.8 56.6

132 29.9 22.8 34.2



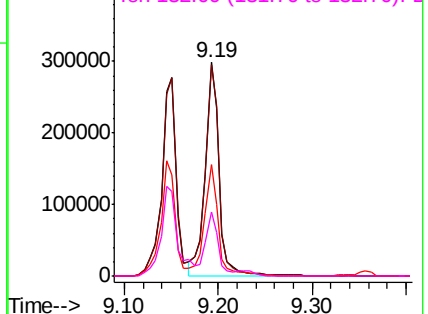
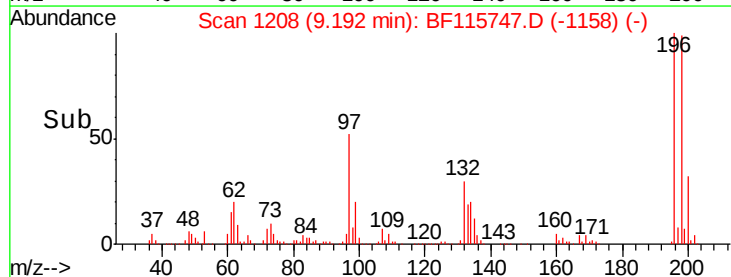
Abundance

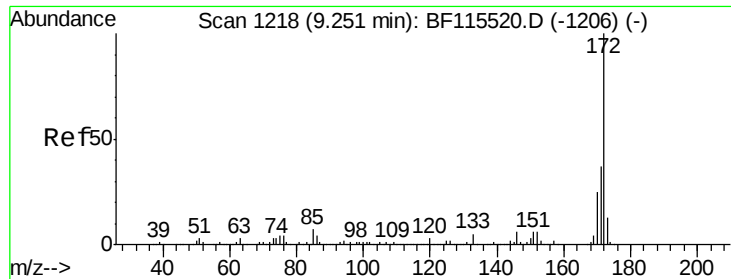
Ion 196.00 (195.70 to 196.70): E

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

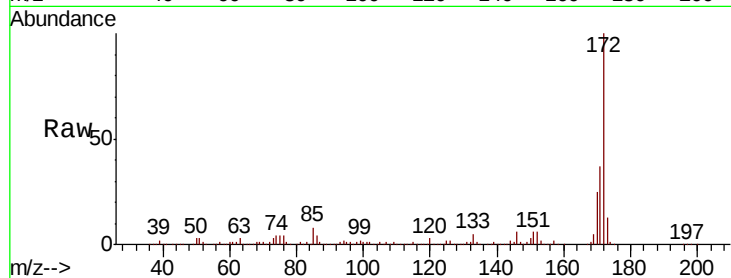




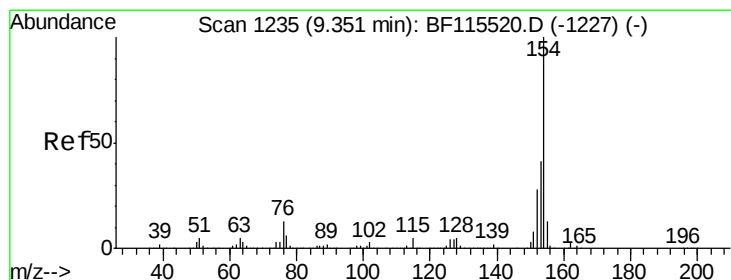
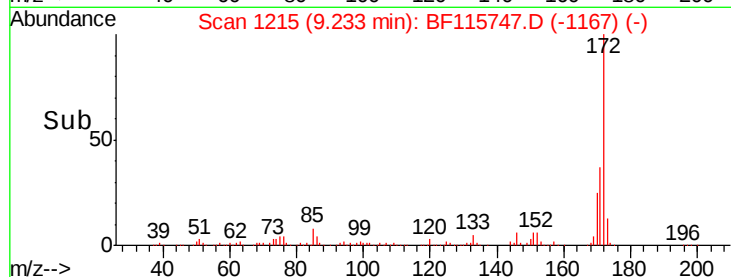
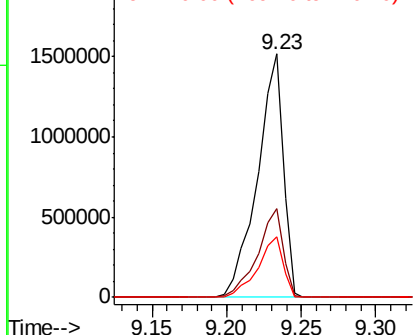
#45
2-Fluorobiphenyl
Concen: 91.959 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1805449
Ion Ratio Lower Upper
172 100
171 36.7 30.6 46.0
170 24.8 20.5 30.7

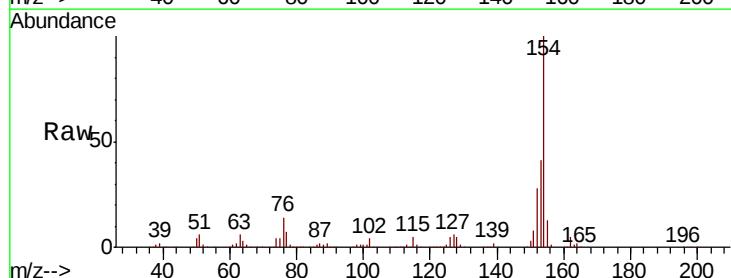


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

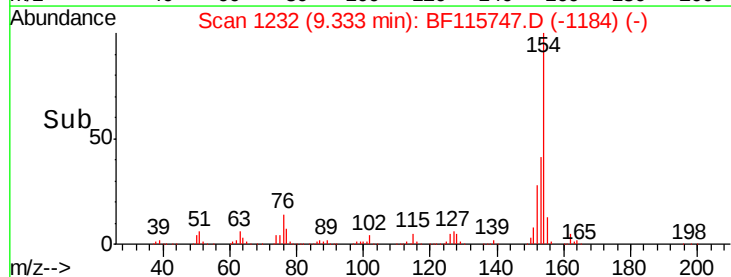
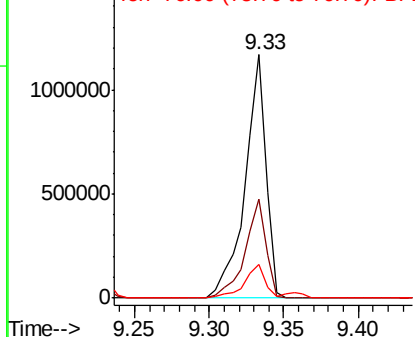


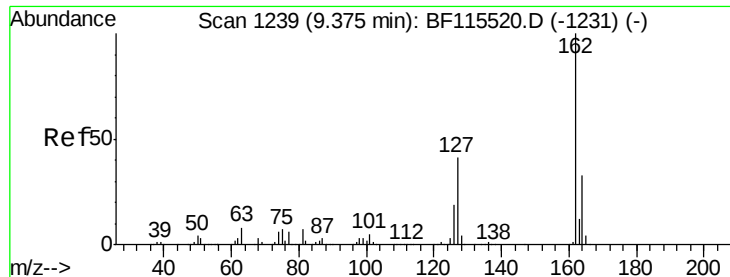
#46
1,1'-Biphenyl
Concen: 42.290 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:154 Resp: 1136117
Ion Ratio Lower Upper
154 100
153 40.9 22.6 62.6
76 13.8 0.0 33.4



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

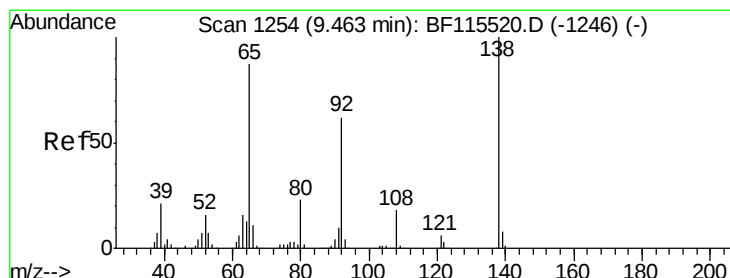
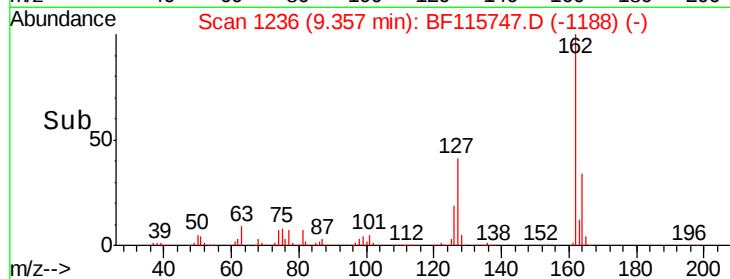
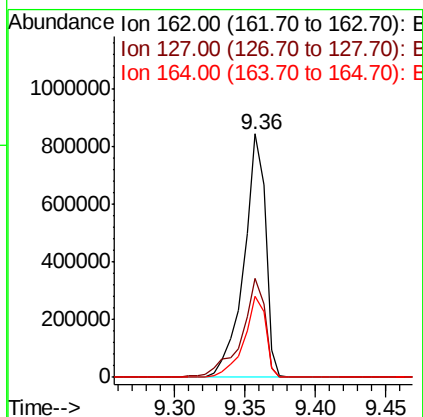
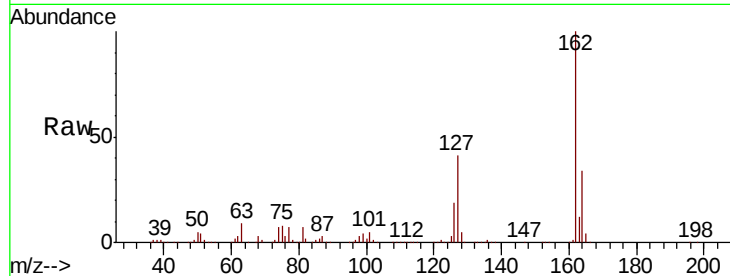




#47
 2-Chloronaphthalene
 Concen: 40.305 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

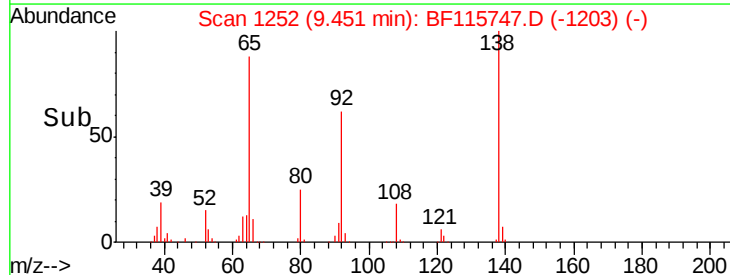
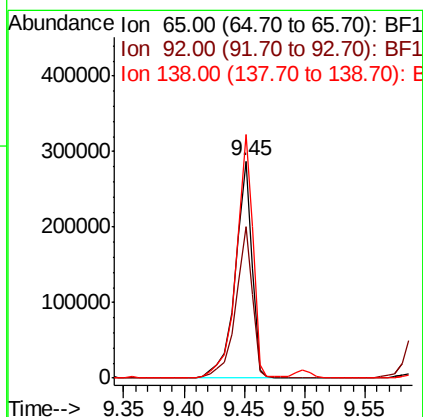
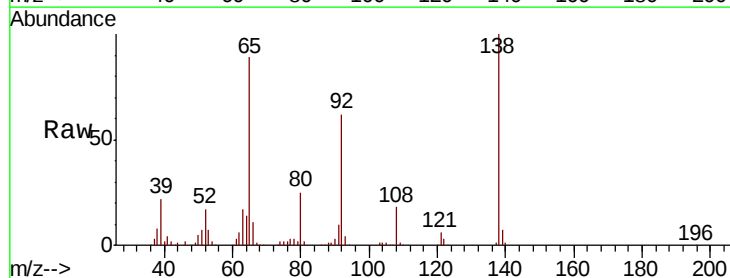
Instrument :
 BNA_F
 ClientSampled :

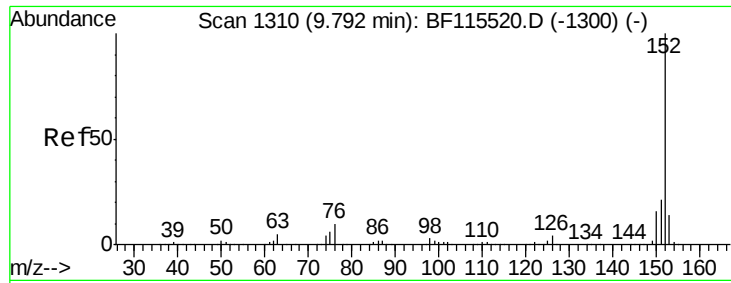
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.1	51.1
164	33.5	27.4	41.2



#48
 2-Nitroaniline
 Concen: 40.203 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.8	86.6
138	112.2	91.2	136.8





#49

Acenaphthylene

Concen: 41.304 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

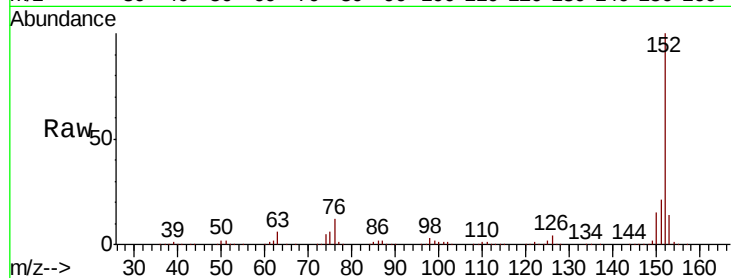
Tot Ion:152 Resp: 1369070

Ion Ratio Lower Upper

152 100

151 21.2 17.7 26.5

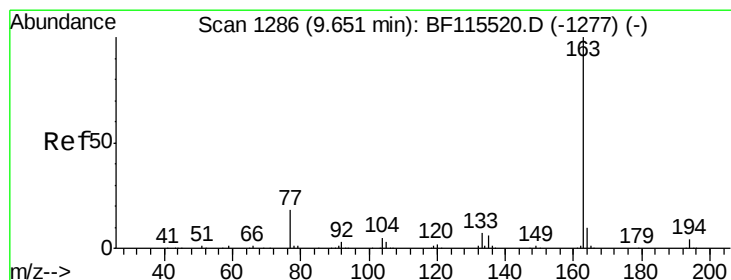
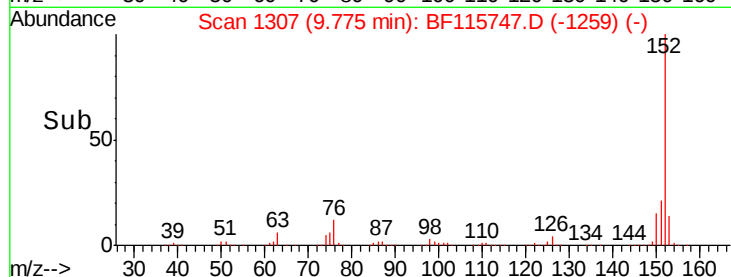
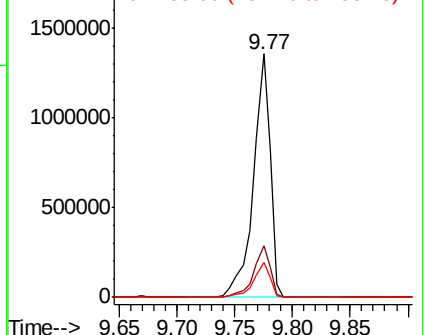
153 14.2 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.927 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

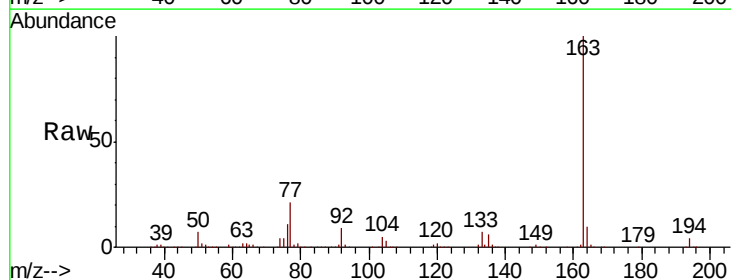
Tgt Ion:163 Resp: 1058140

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

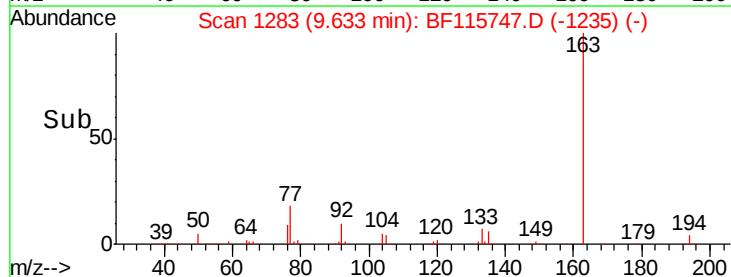
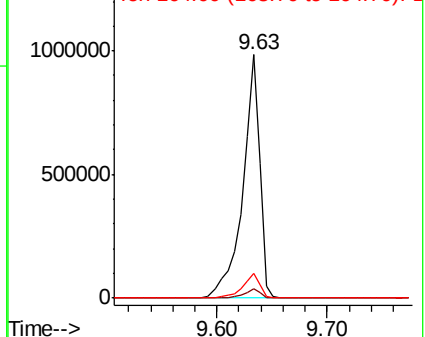
164 10.4 8.7 13.1

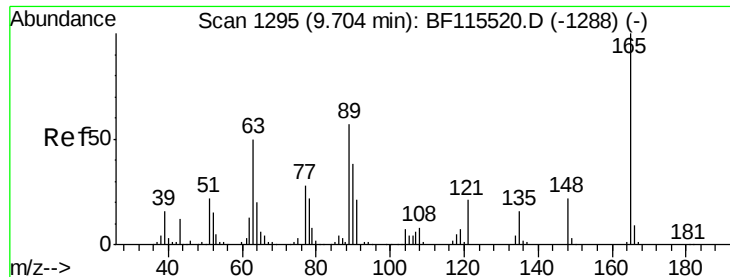


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.190 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

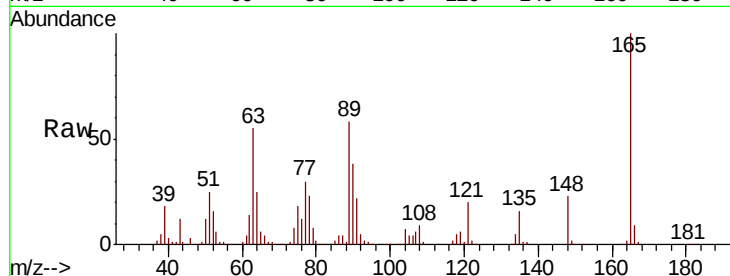
Tot Ion:165 Resp: 236136

Ion Ratio Lower Upper

165 100

63 55.1 40.6 61.0

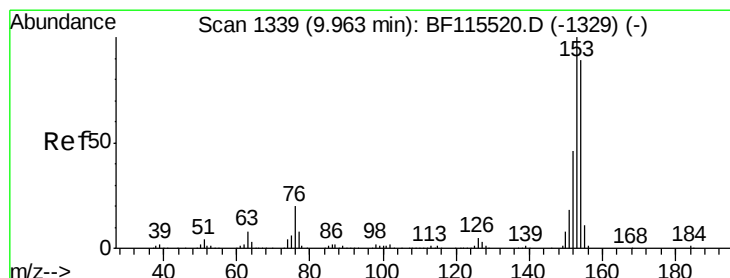
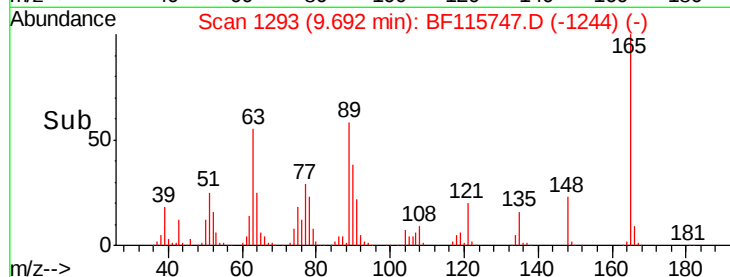
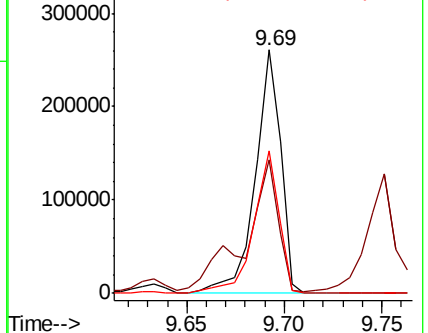
89 58.5 43.9 65.9



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: 38.711 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

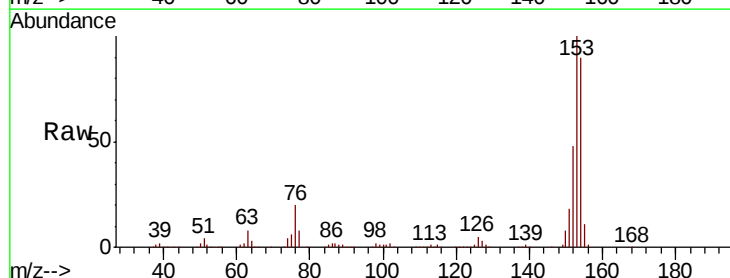
Tgt Ion:154 Resp: 828398

Ion Ratio Lower Upper

154 100

153 110.8 88.6 133.0

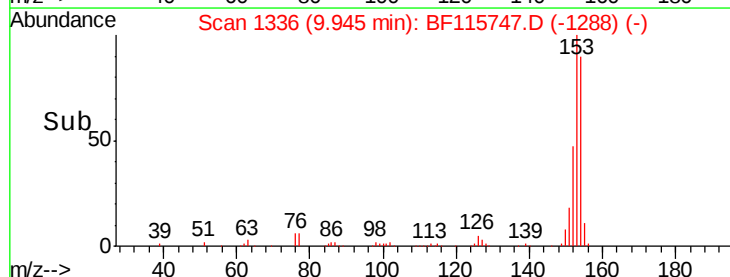
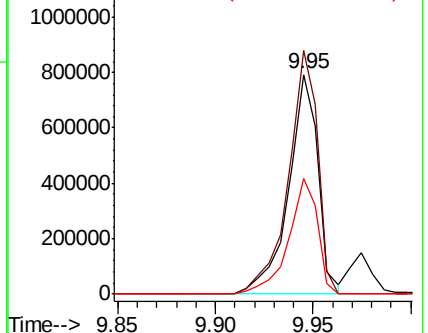
152 52.8 42.3 63.5

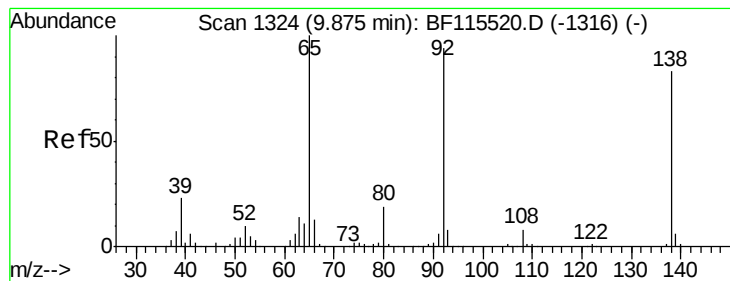


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.842 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampled :

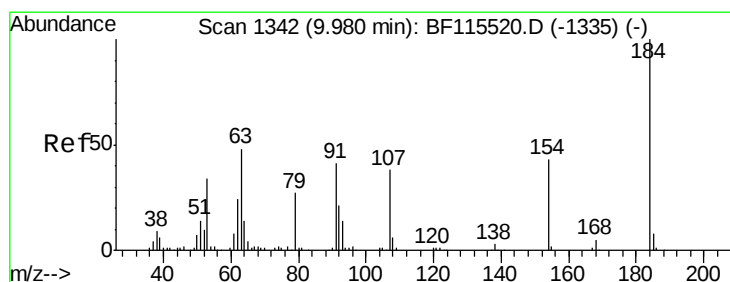
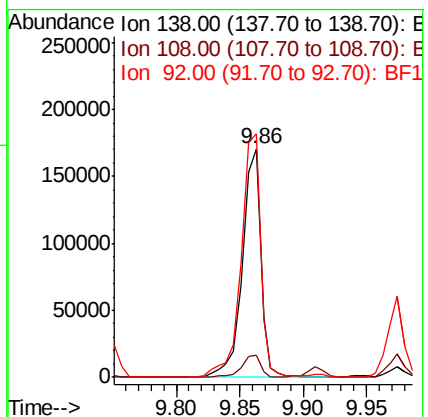
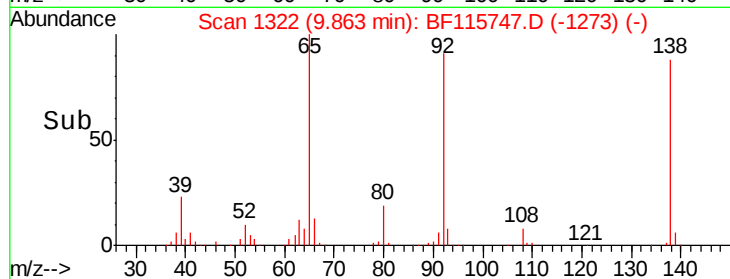
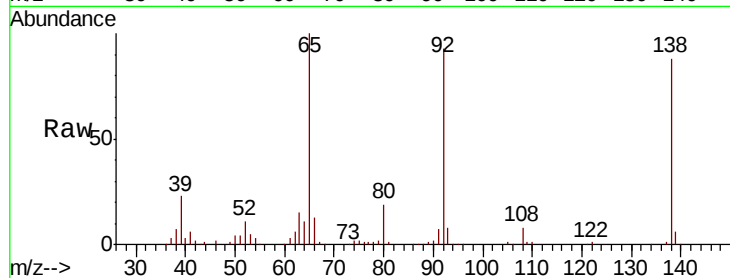
Tot Ion:138 Resp: 173509

Ion Ratio Lower Upper

138 100

108 9.4 8.4 12.6

92 106.4 88.0 132.0



#54

2,4-Dinitrophenol

Concen: 75.412 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

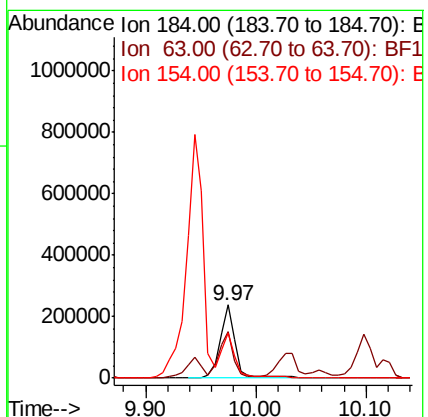
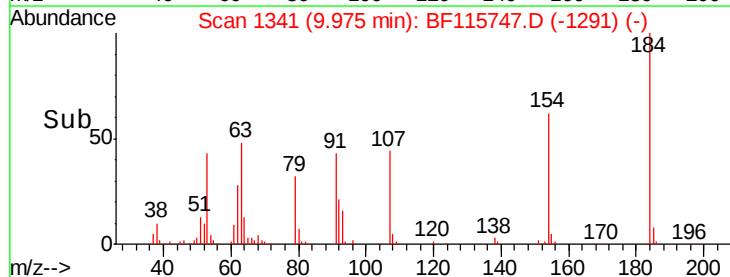
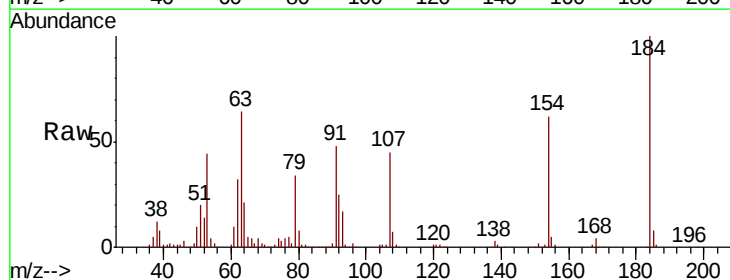
Tgt Ion:184 Resp: 227488

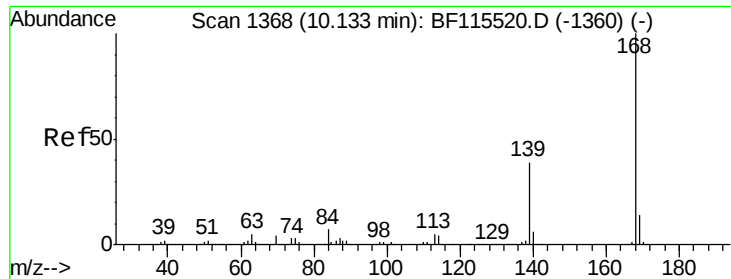
Ion Ratio Lower Upper

184 100

63 63.9 48.7 73.1

154 62.4 48.6 73.0

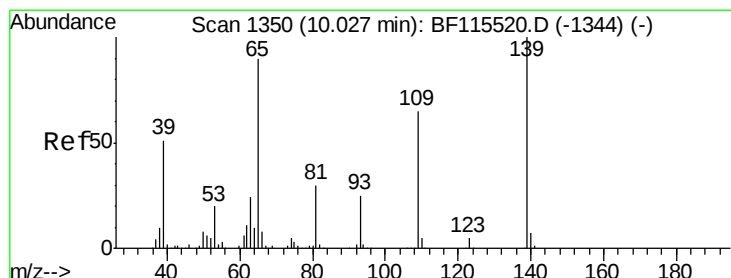
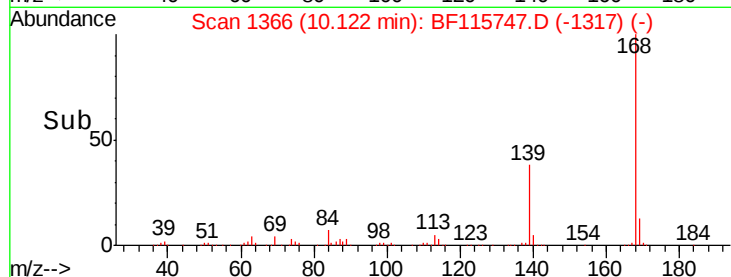
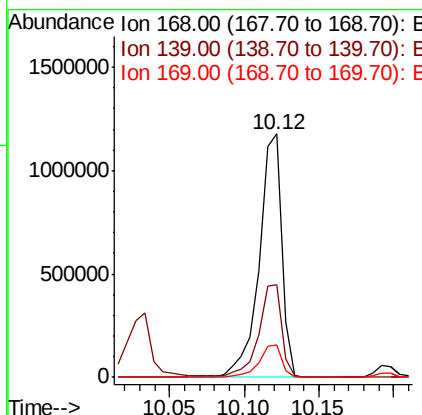
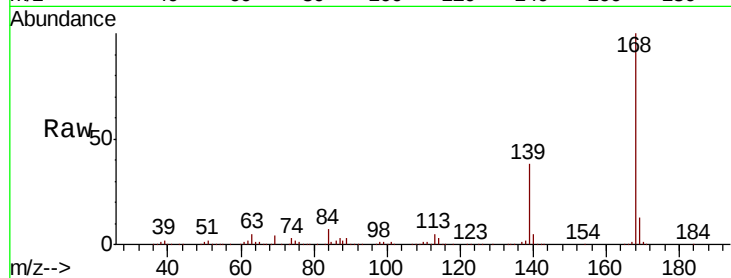




#55
Dibenzenofuran
Concen: 40.322 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

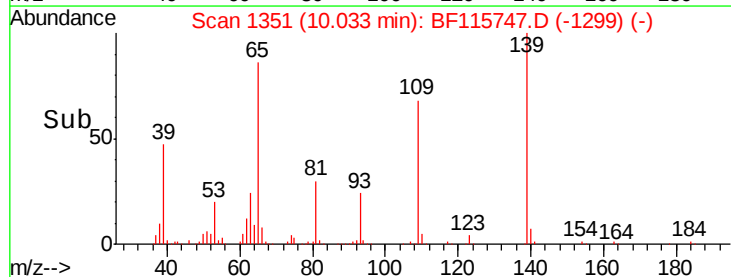
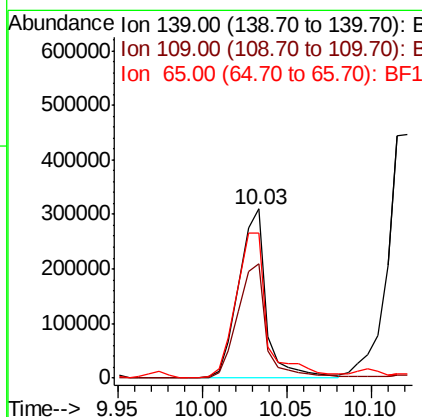
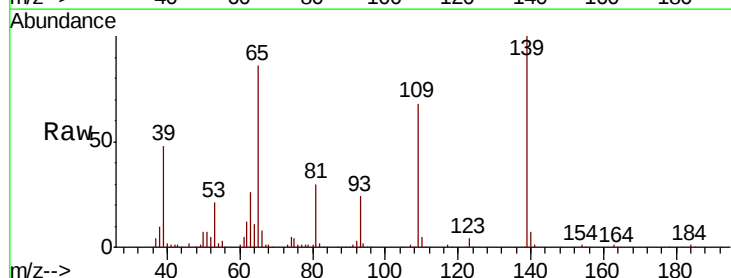
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1225365
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 69.473 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:139 Resp: 355700
Ion Ratio Lower Upper
139 100
109 67.8 46.4 86.4
65 86.0 68.9 108.9

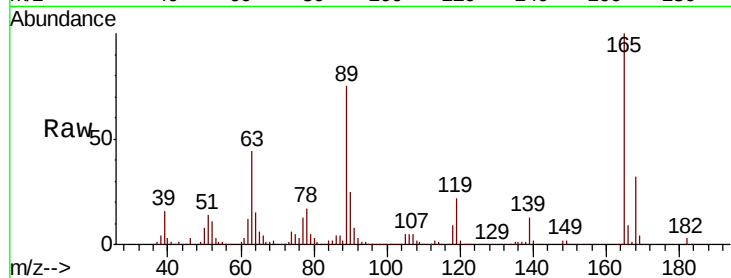




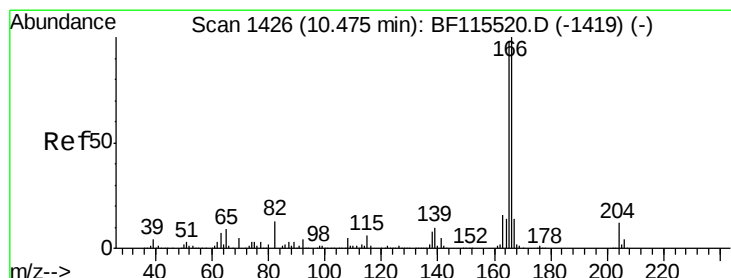
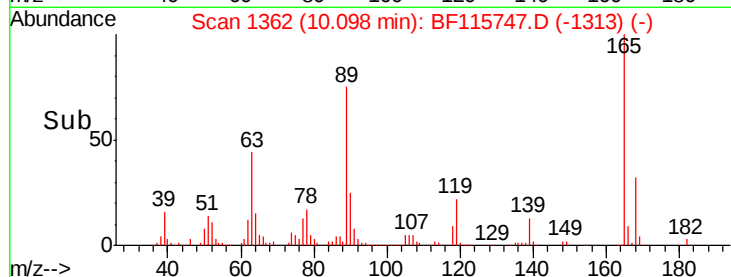
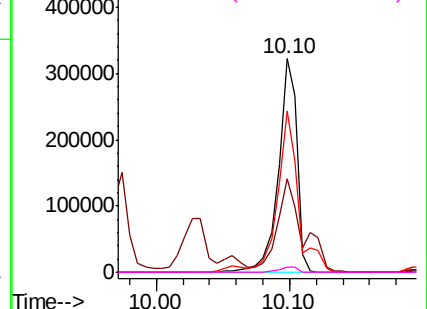
#57
2,4-Dinitrotoluene
Concen: 41.099 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	34.9	52.3
89	75.5	57.5	86.3
182	2.6	2.2	3.4

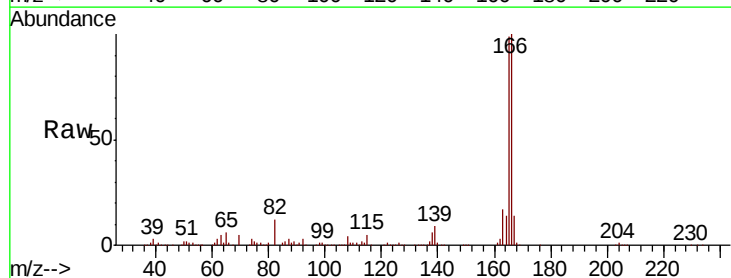


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

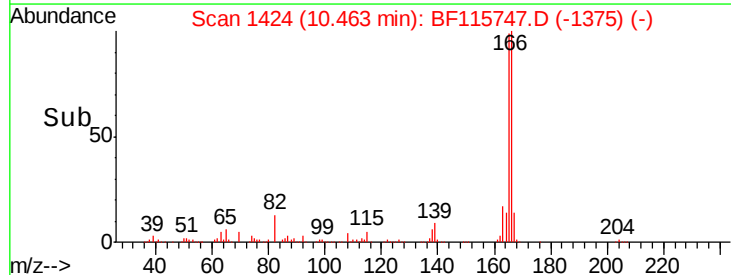
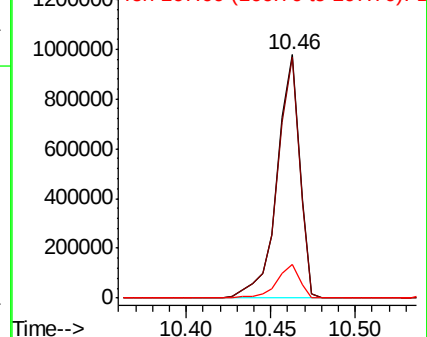


#58
Fluorene
Concen: 41.793 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.6
167	13.6	11.2	16.8



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

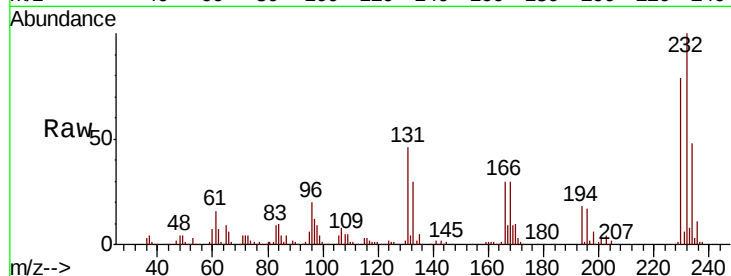




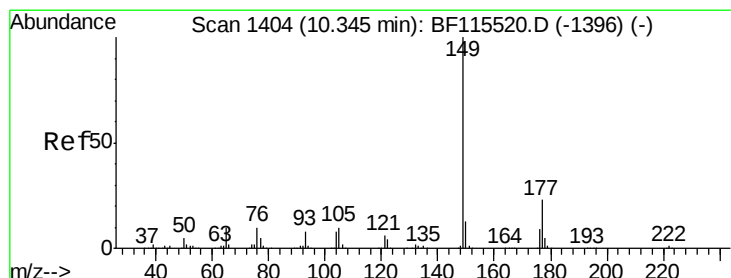
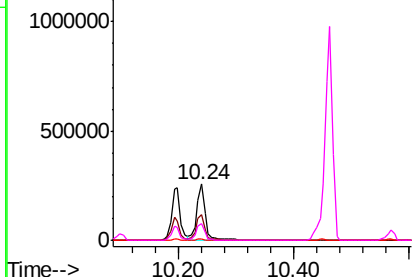
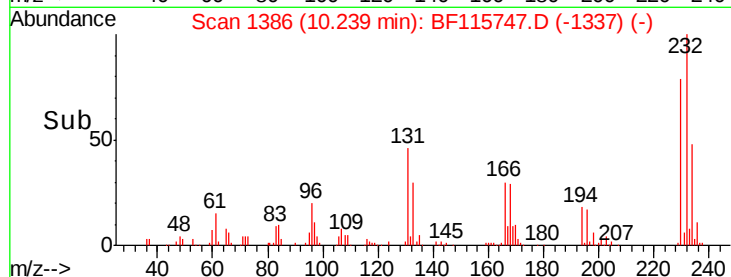
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.116 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.9	53.9
130	2.3	1.8	2.6
166	28.8	24.8	37.2

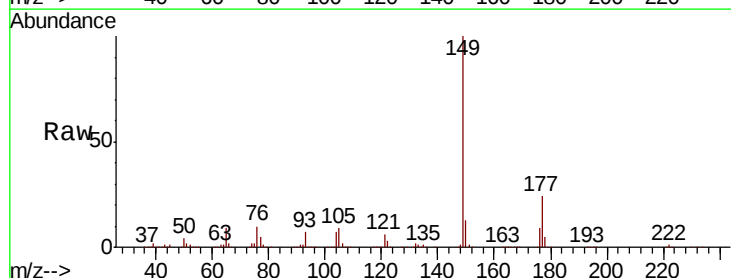


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

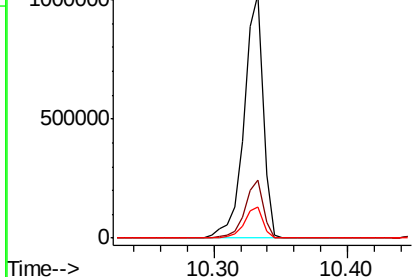
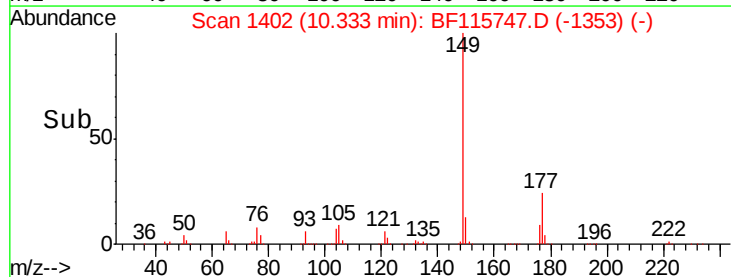


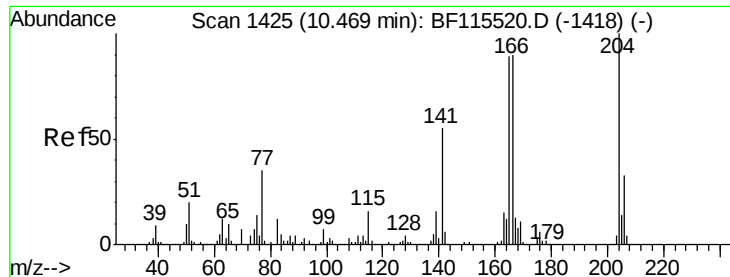
#60
Diethylphthalate
Concen: 41.320 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.5	29.3
150	12.7	10.4	15.6



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

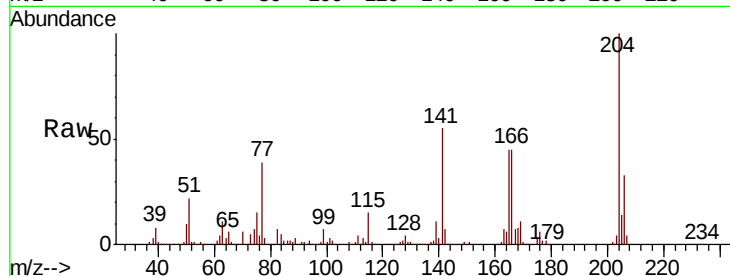




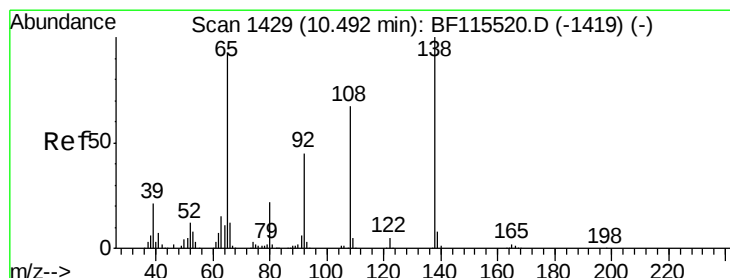
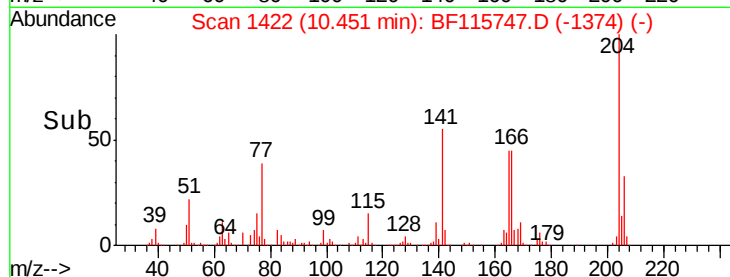
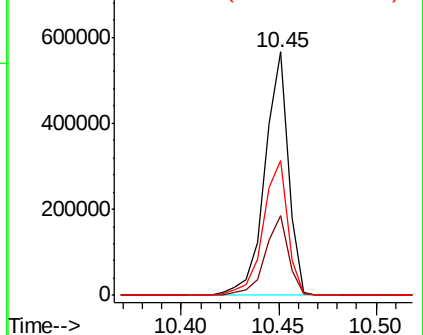
#61
 4-Chlorophenyl-phenylether
 Concen: 39.198 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 472248
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.7 40.1
 141 55.4 44.2 66.2

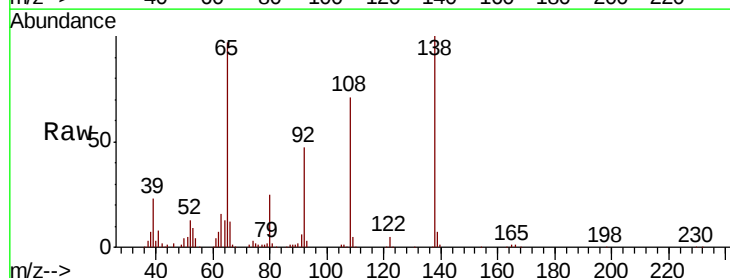


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

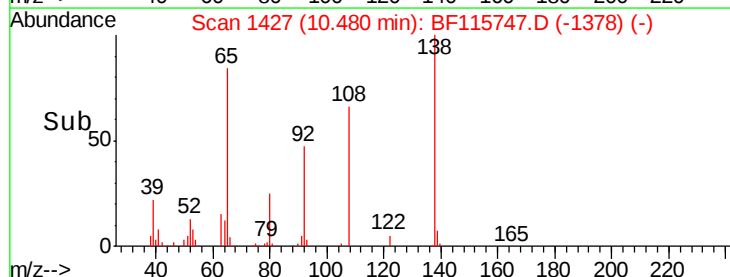
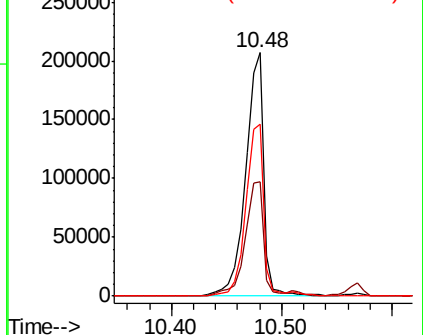


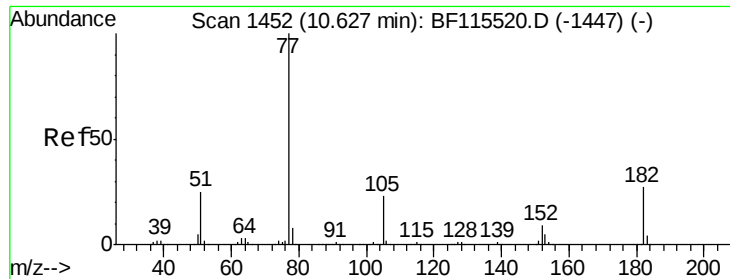
#62
 4-Nitroaniline
 Concen: 37.193 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Tgt Ion:138 Resp: 239538
 Ion Ratio Lower Upper
 138 100
 92 46.9 27.1 67.1
 108 70.7 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

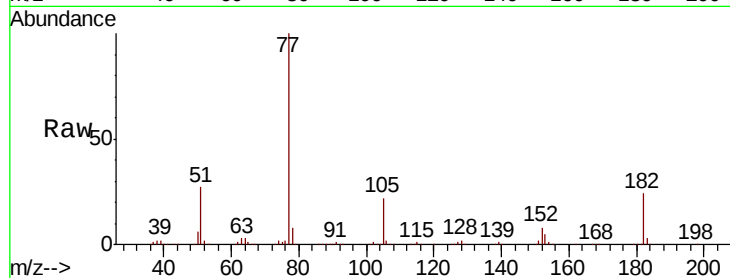




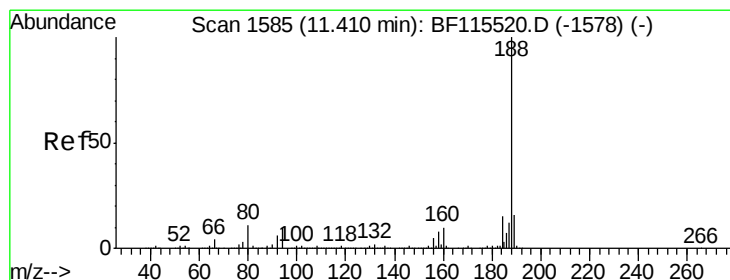
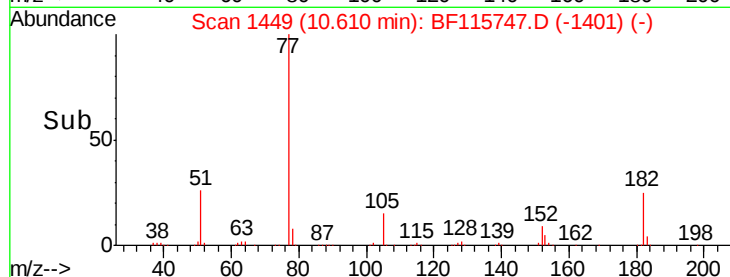
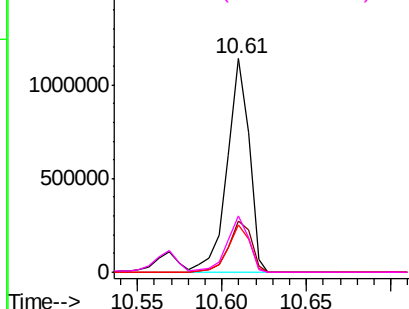
#63
Azobenzene
Concen: 43.569 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1023724
Ion Ratio Lower Upper
77 100
182 24.1 6.9 46.9
105 22.2 3.9 43.9
51 26.6 7.3 47.3

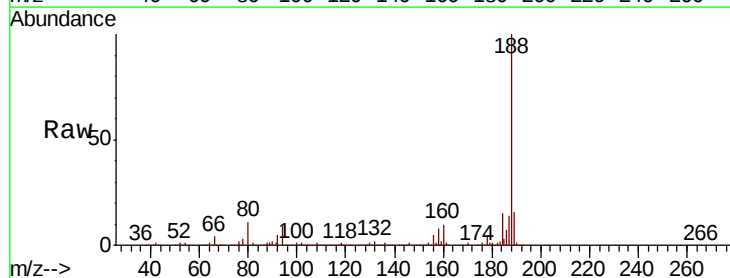


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

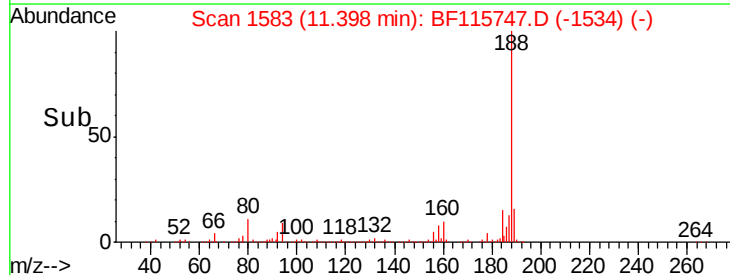
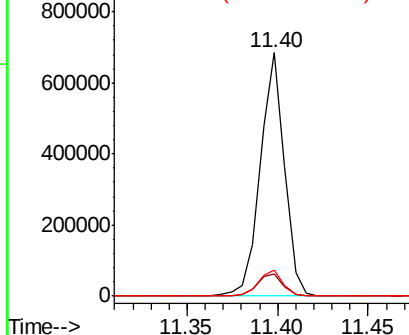


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion: 188 Resp: 635605
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

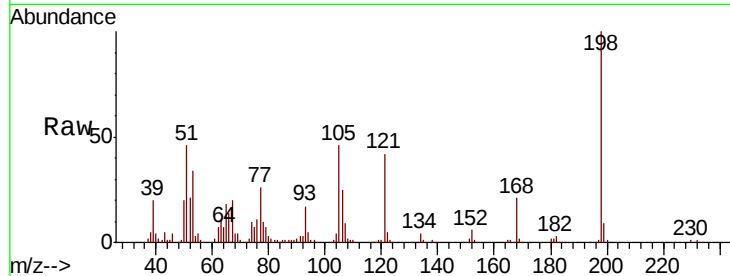




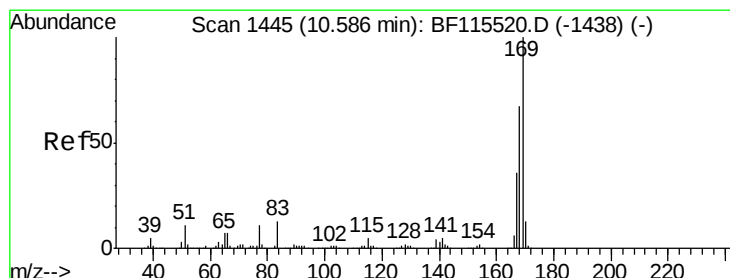
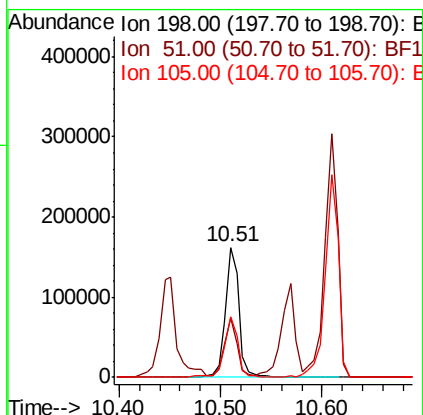
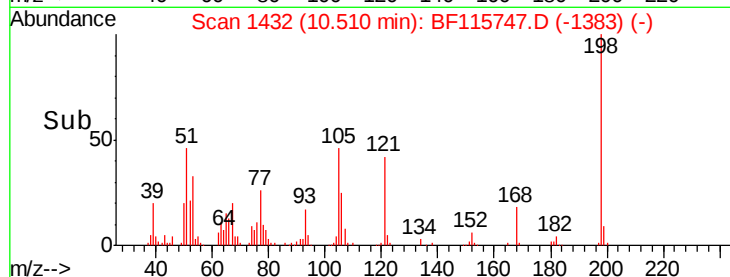
#65
4,6-Dinitro-2-methylphenol
Concen: 39.129 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 151950
Ion Ratio Lower Upper
198 100
51 45.8 19.1 59.1
105 46.1 23.6 63.6

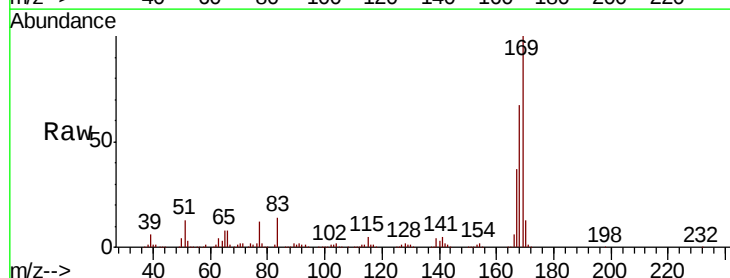


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

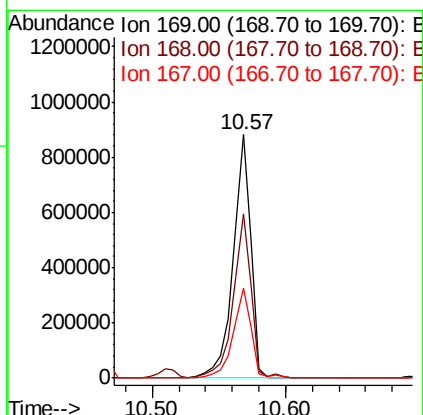
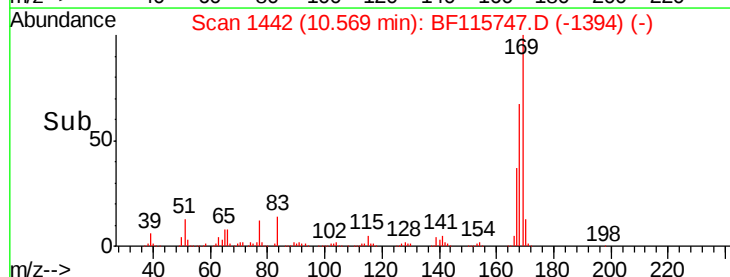


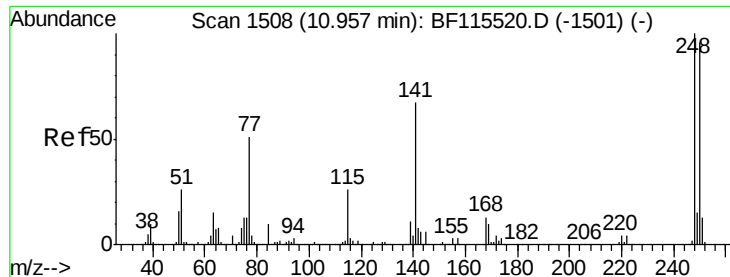
#66
n-Nitrosodiphenylamine
Concen: 41.654 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:169 Resp: 823560
Ion Ratio Lower Upper
169 100
168 67.5 54.3 81.5
167 37.1 30.2 45.2



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

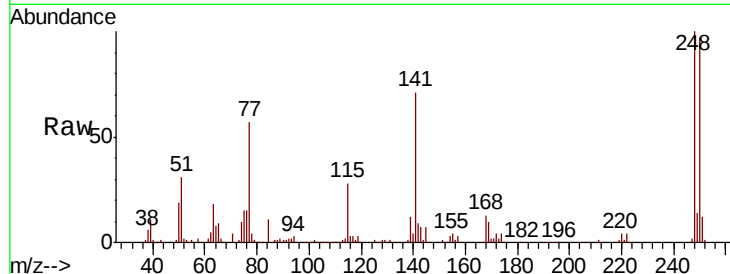




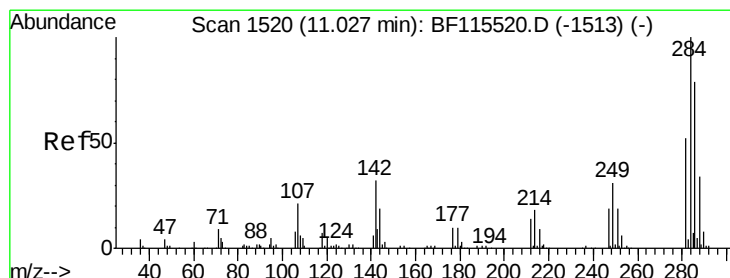
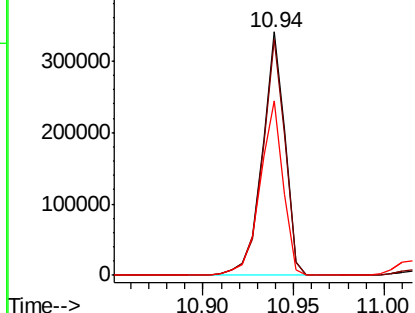
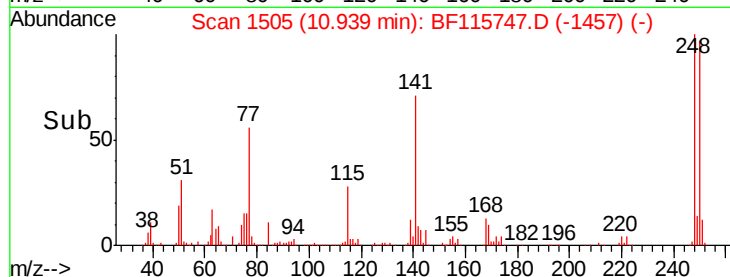
#67
4-Bromophenyl-phenylether
Concen: 40.717 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 295745
Ion Ratio Lower Upper
248 100
250 96.9 78.0 117.0
141 71.5 57.7 86.5

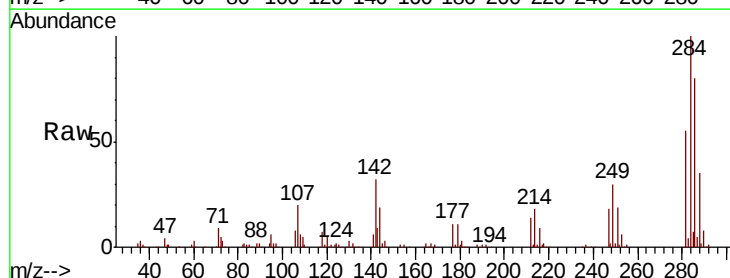


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

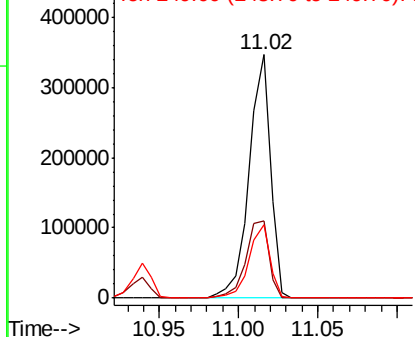
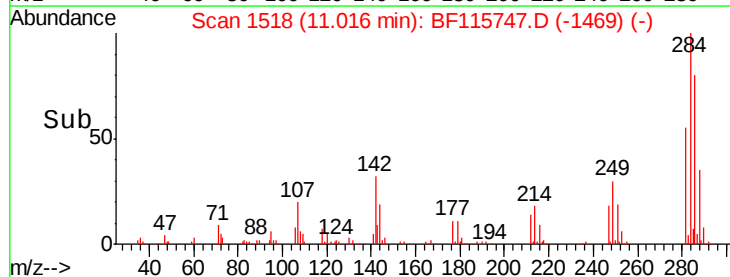


#68
Hexachlorobenzene
Concen: 39.101 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:284 Resp: 324340
Ion Ratio Lower Upper
284 100
142 31.8 22.2 33.2
249 30.1 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

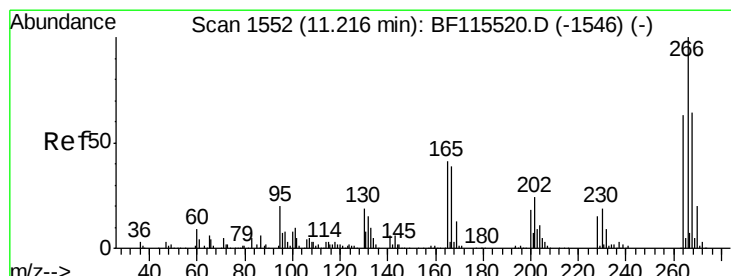
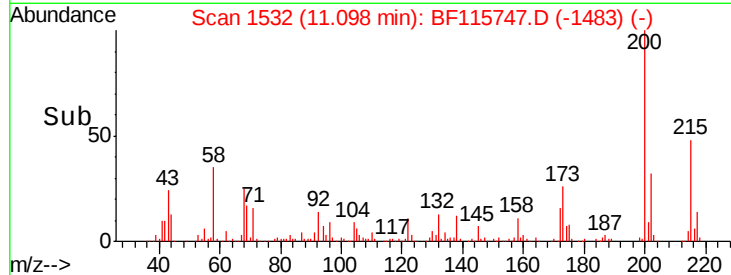
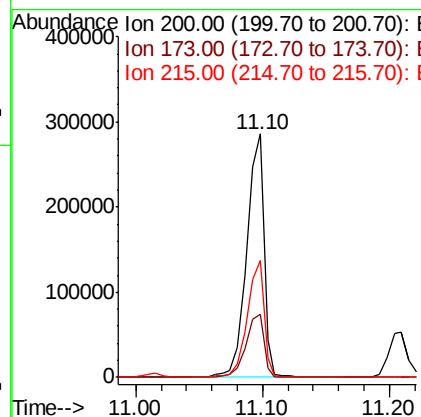
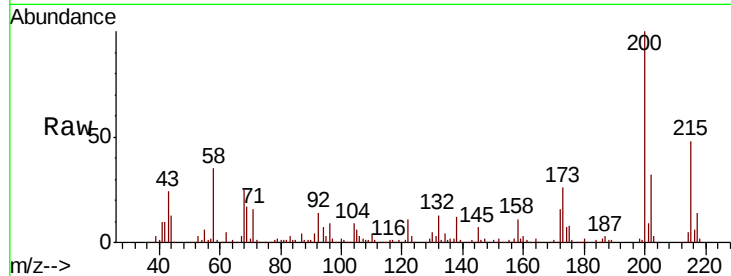




#69
 Atrazine
 Concen: 41.243 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

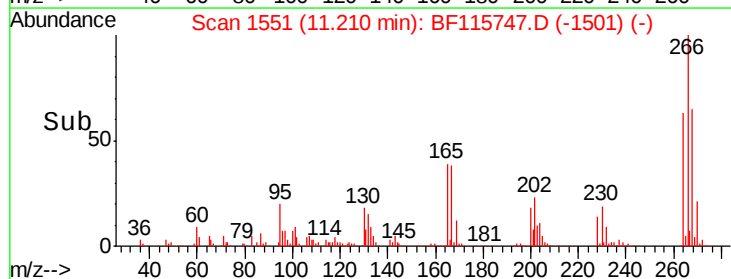
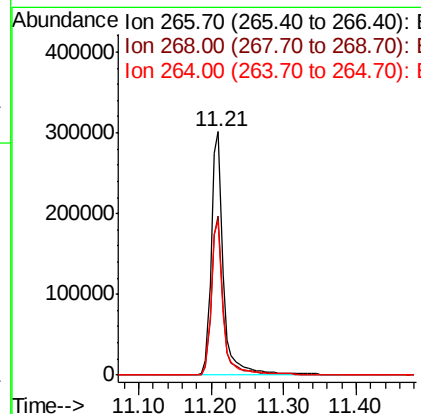
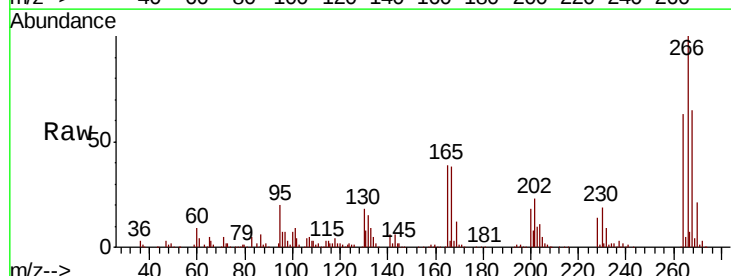
Instrument :
 BNA_F
 ClientSampleId :

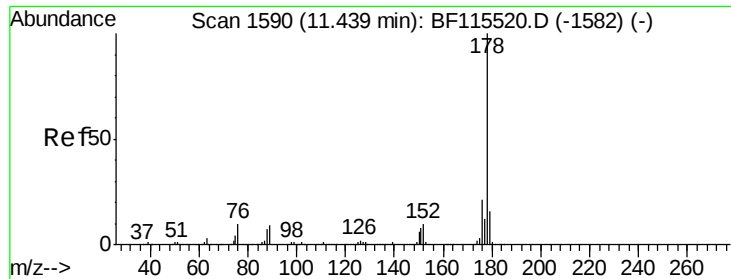
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.9	46.9
215	48.2	27.9	67.9



#70
 Pentachlorophenol
 Concen: 69.751 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.6	77.4
264	63.3	50.6	76.0

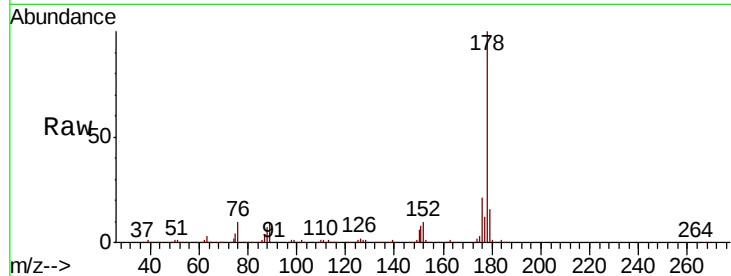




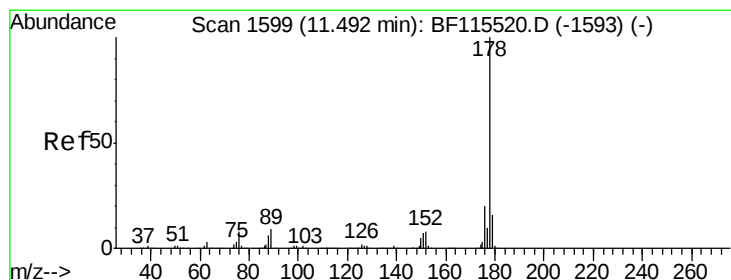
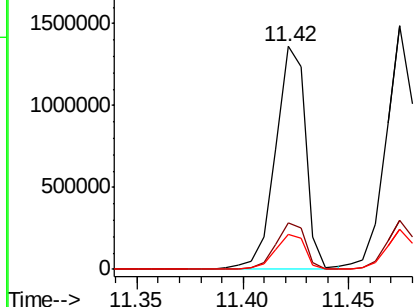
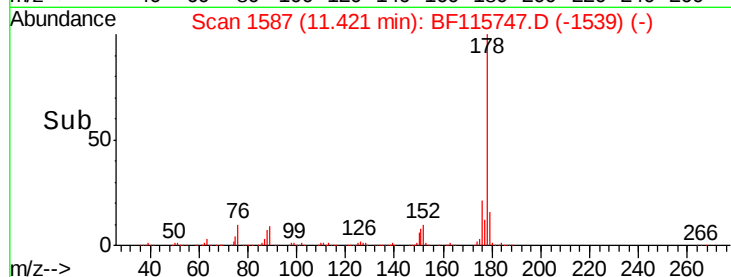
#71
Phenanthrene
Concen: 41.640 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1356644
Ion Ratio Lower Upper
178 100
176 20.7 17.2 25.8
179 15.9 13.5 20.3

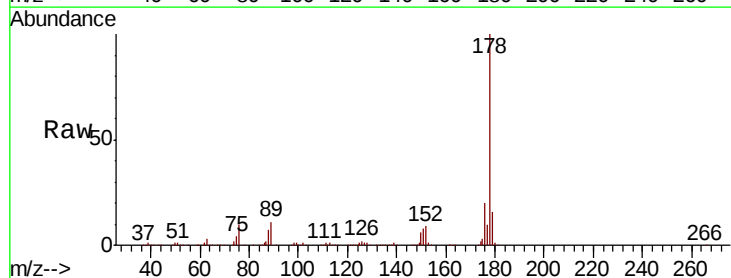


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

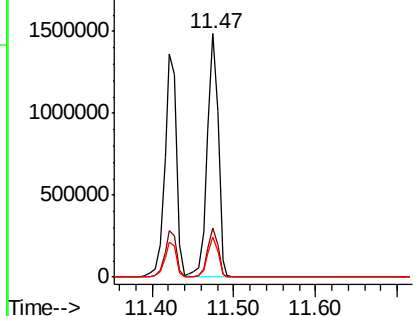
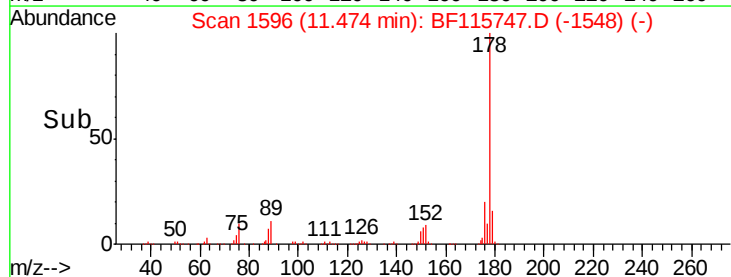


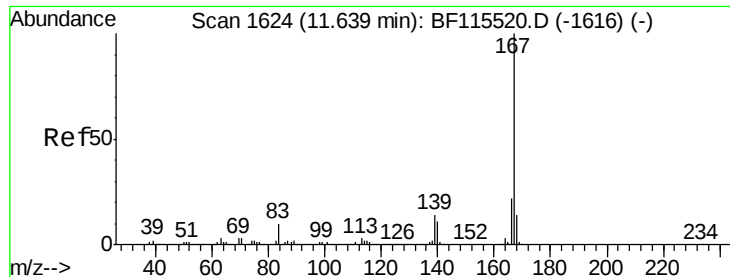
#72
Anthracene
Concen: 40.896 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:178 Resp: 1376998
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.3 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: 41.102 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

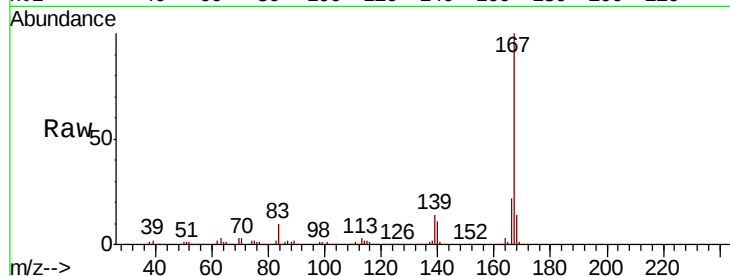
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1213605

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.8	11.3	16.9

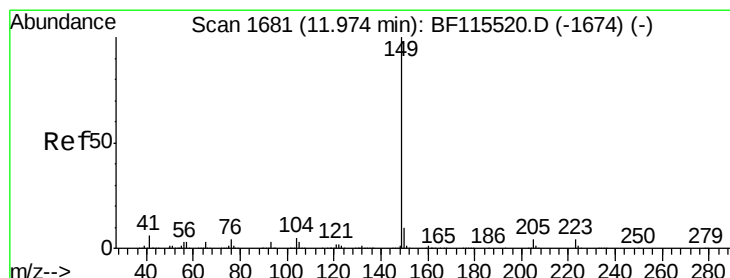
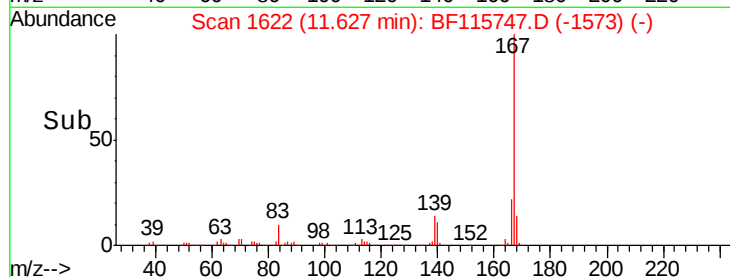
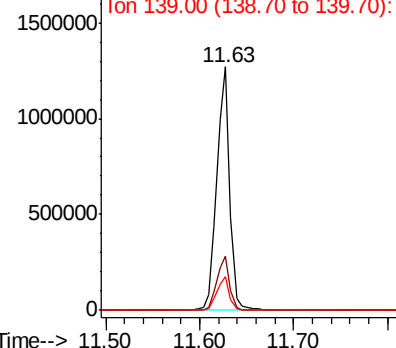


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.967 ng

RT: 11.96 min Scan# 1678

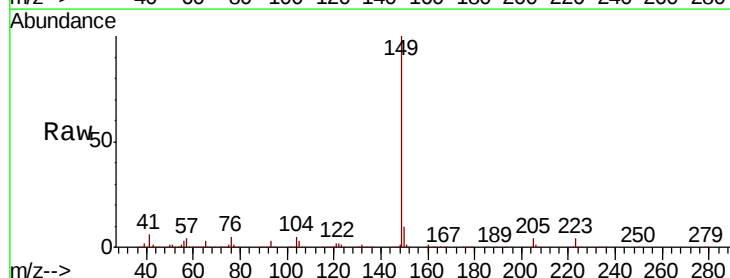
Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Tgt Ion:149 Resp: 1526343

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.2	3.8	5.8

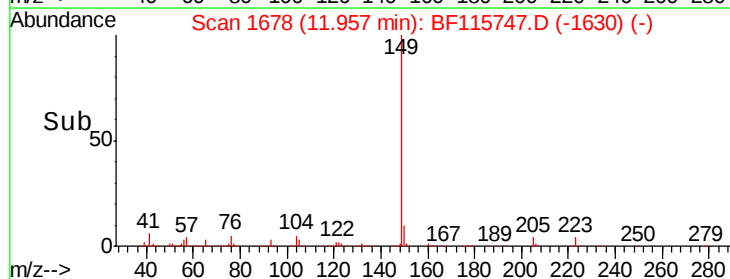
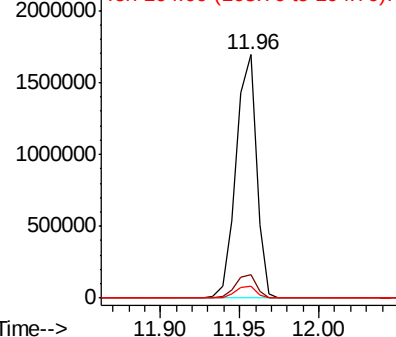


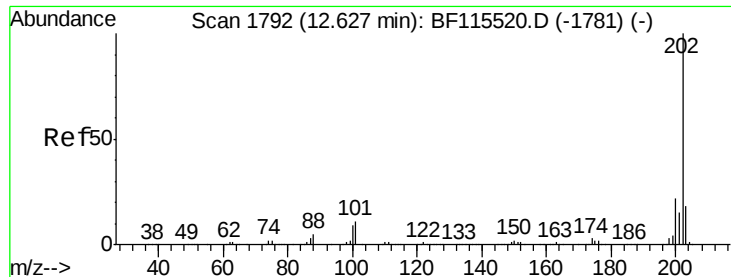
Abundance

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

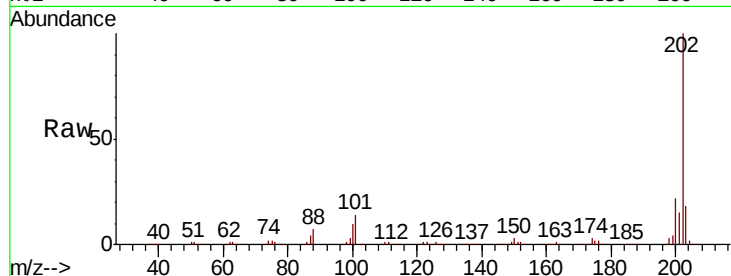




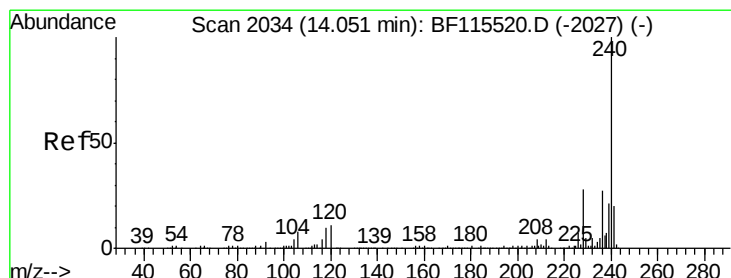
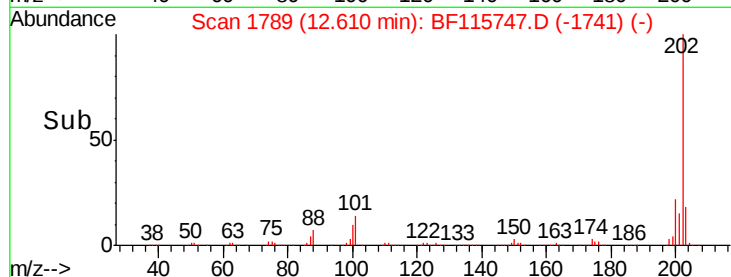
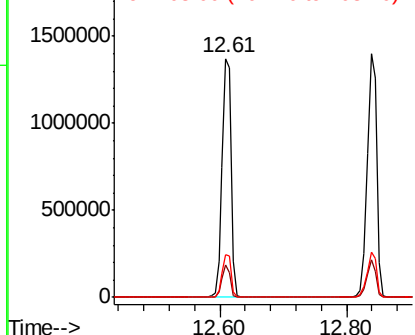
#75
Fluoranthene
Concen: 40.370 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1389889
Ion Ratio Lower Upper
202 100
101 13.7 0.0 31.4
203 18.0 0.0 38.1

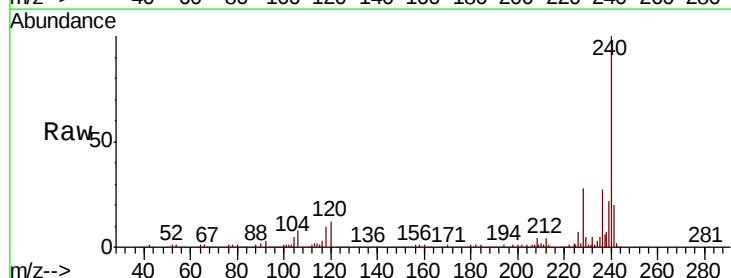


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

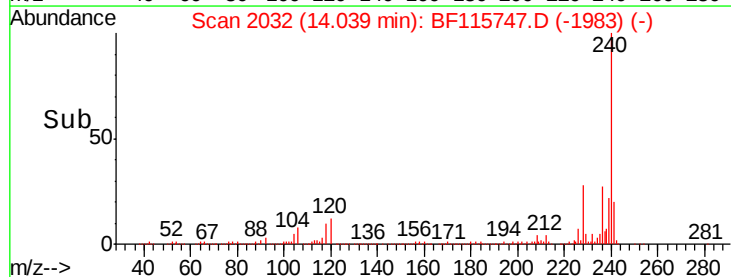
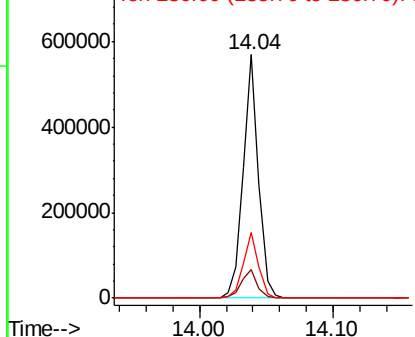


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:240 Resp: 451254
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 27.2 21.3 31.9



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





#77

Benzidine

Concen: 29.364 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

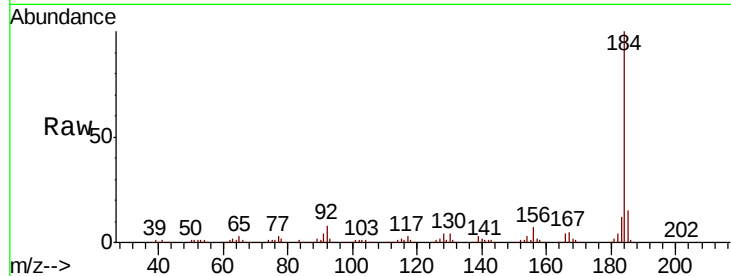
Tot Ion:184 Resp: 469402

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

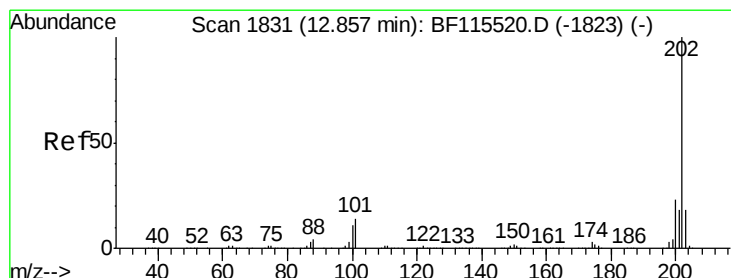
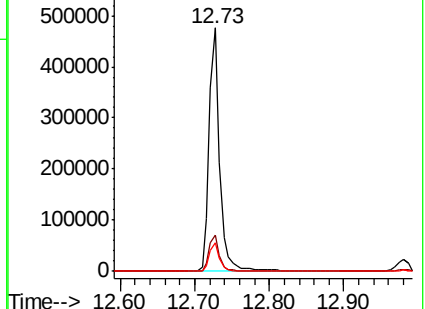
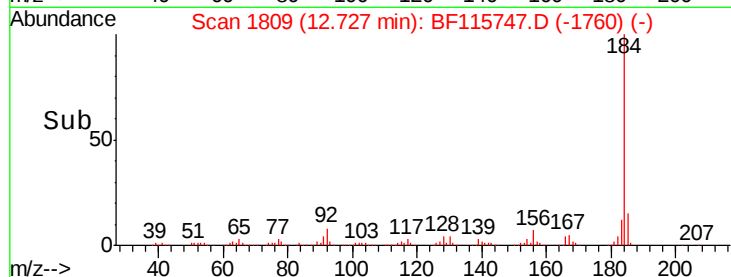
183 11.7 9.3 13.9



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: 37.125 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

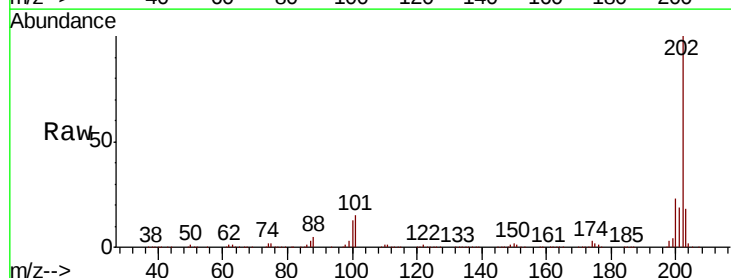
Tgt Ion:202 Resp: 1419361

Ion Ratio Lower Upper

202 100

200 22.8 18.7 28.1

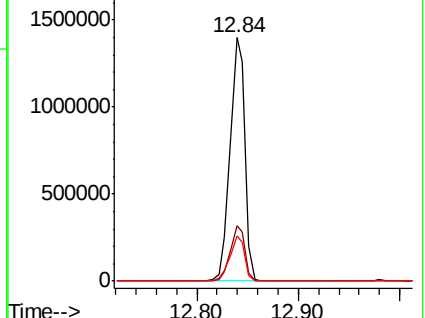
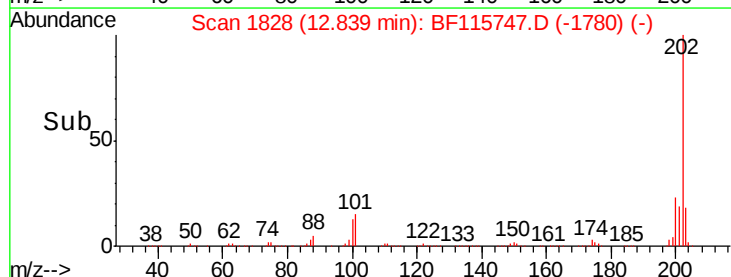
203 18.4 15.2 22.8

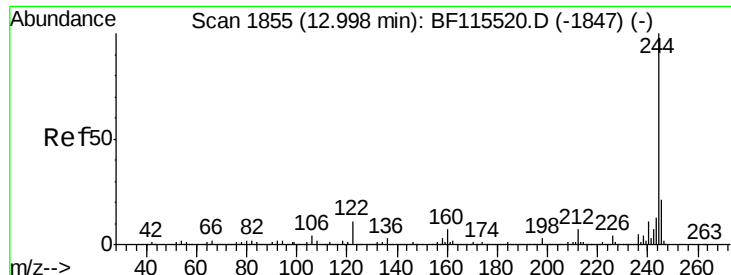


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

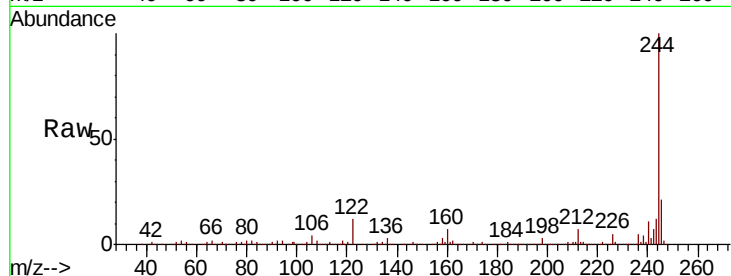




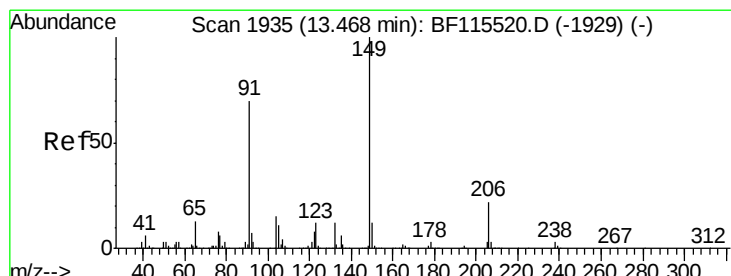
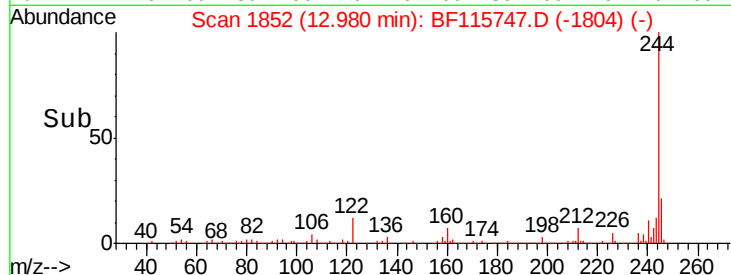
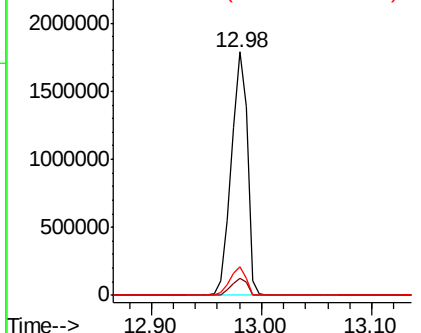
#79
 Terphenyl-d14
 Concen: 75.383 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1843554
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.8 8.6 12.8

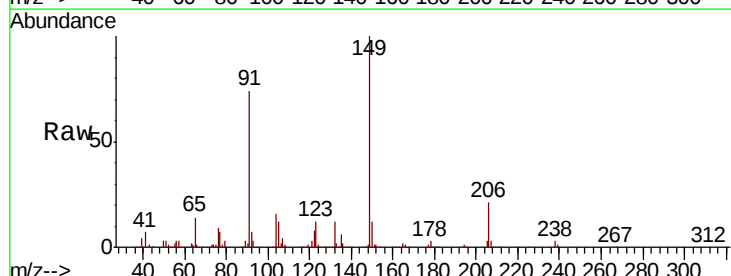


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

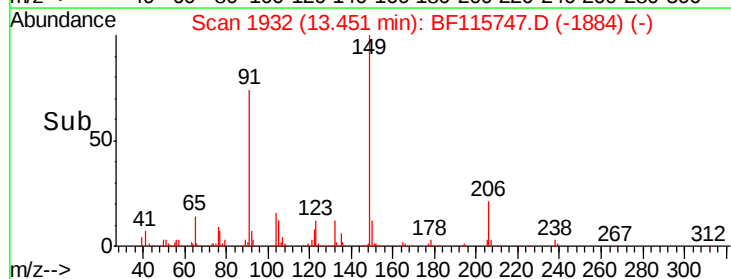
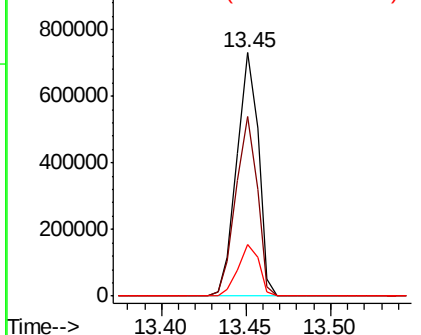


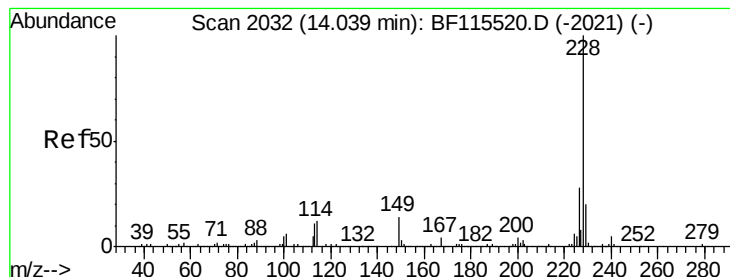
#80
 Butylbenzylphthalate
 Concen: 40.079 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF115747.D
 Acq: 24 Jul 2019 13:40

Tgt Ion:149 Resp: 653205
 Ion Ratio Lower Upper
 149 100
 91 73.8 55.8 83.8
 206 21.4 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.225 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

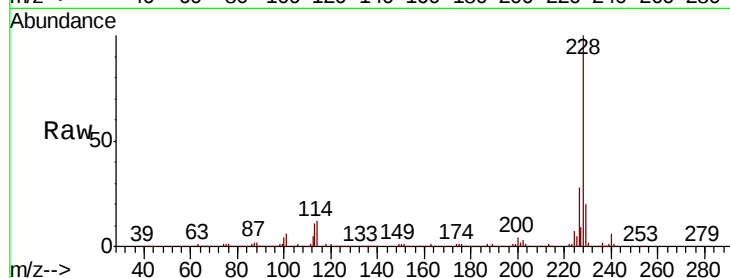
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1195847

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.0
229	20.5	17.2	25.8

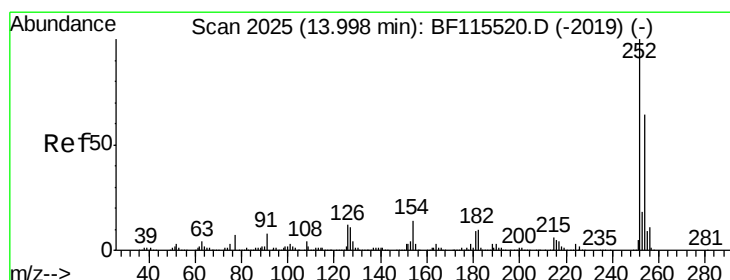
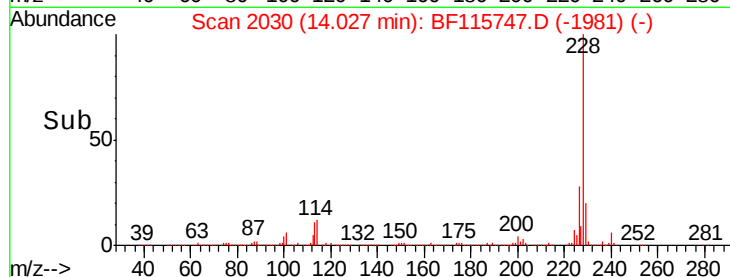
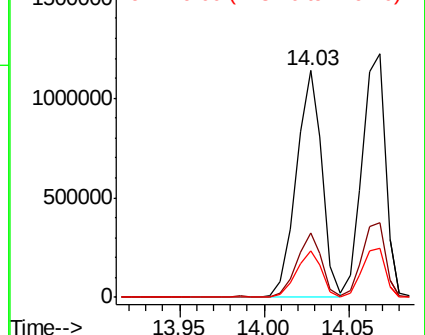


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.592 ng

RT: 13.99 min Scan# 2023

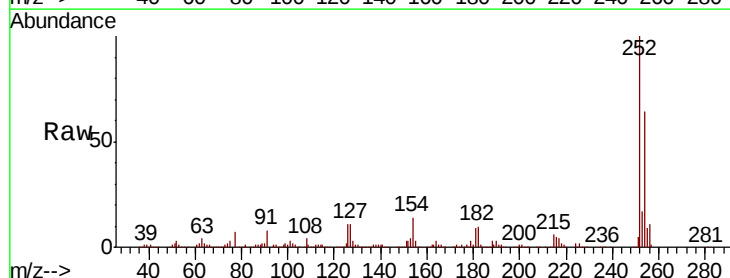
Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Tgt Ion:252 Resp: 365586

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.9	79.3
126	11.2	9.9	14.9

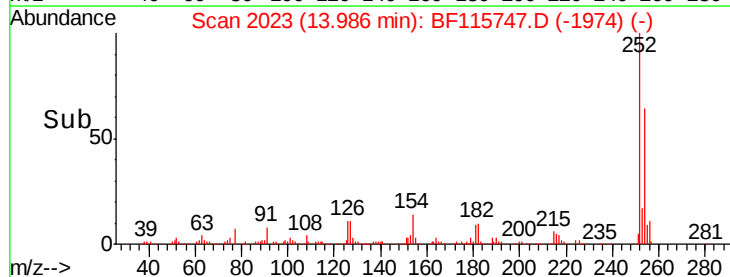
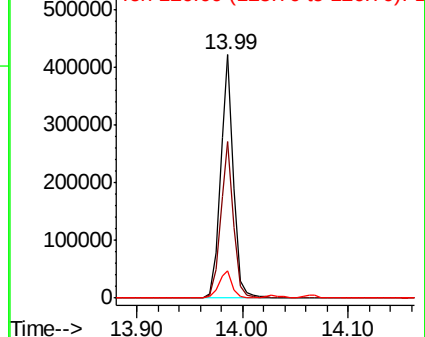


Abundance

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: 39.550 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

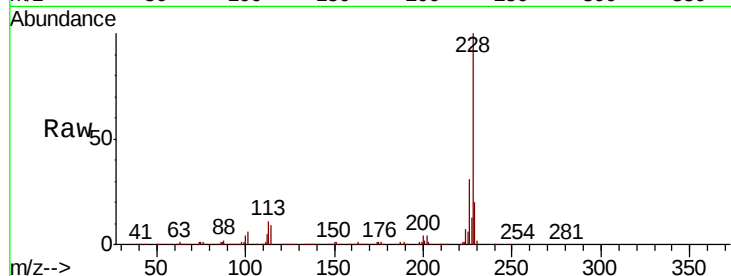
Tot Ion:228 Resp: 1180302

Ion Ratio Lower Upper

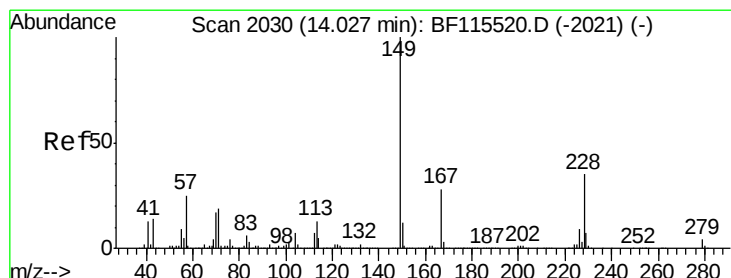
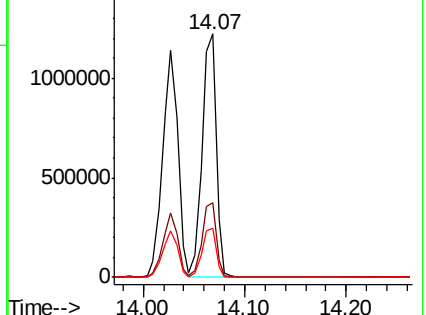
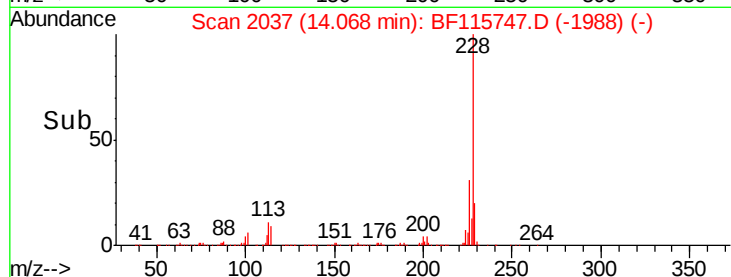
228 100

226 30.8 25.7 38.5

229 20.1 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: 45.518 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

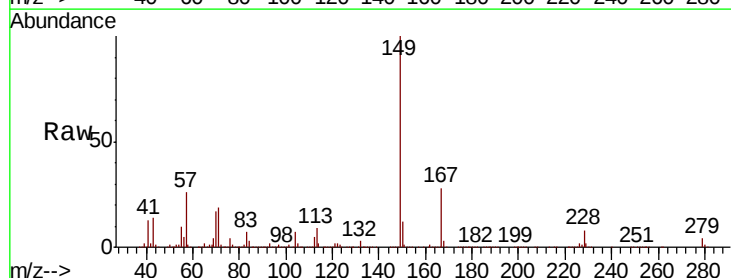
Tgt Ion:149 Resp: 918919

Ion Ratio Lower Upper

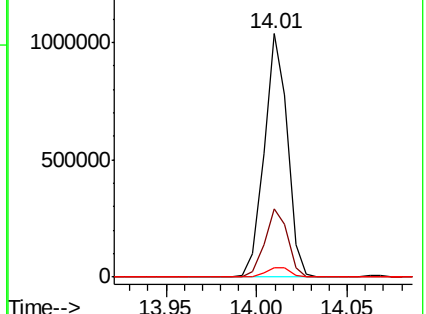
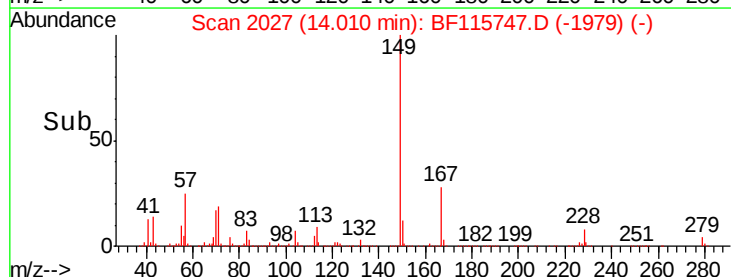
149 100

167 28.1 23.0 34.4

279 4.0 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: 48.235 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

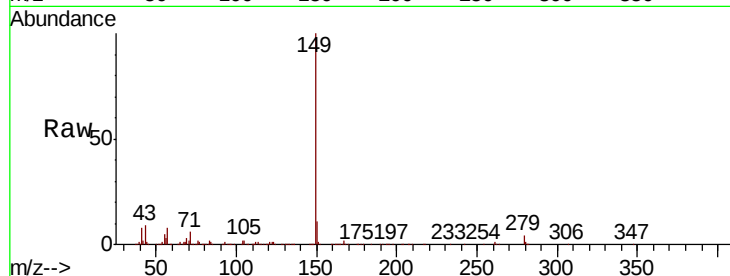
Tot Ion:149 Resp: 1549360

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

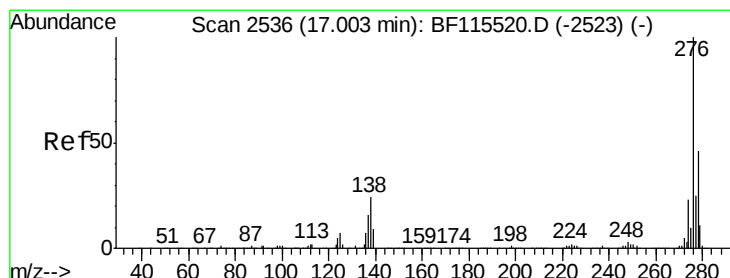
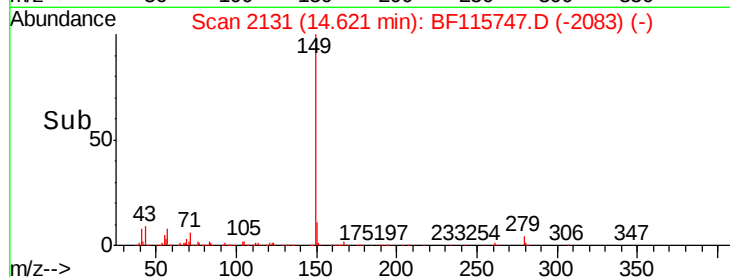
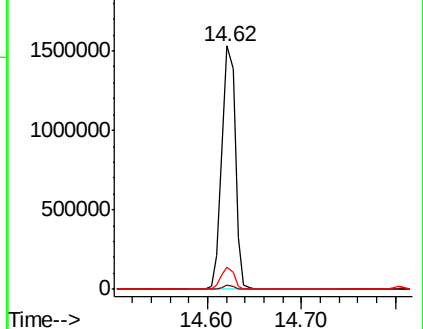
43 8.9 7.2 10.8



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: 41.651 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

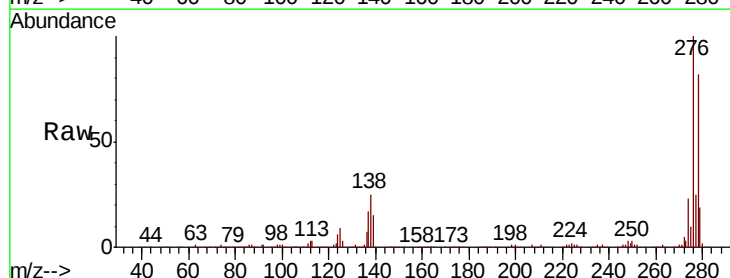
Tgt Ion:276 Resp: 1056042

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

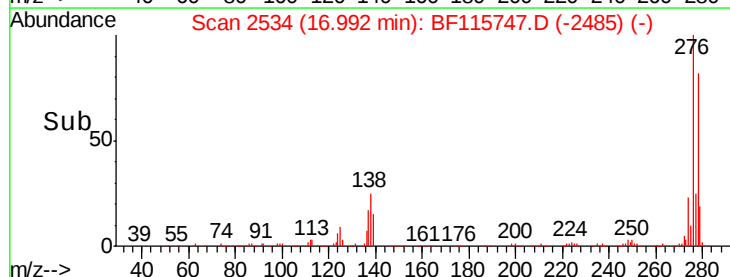
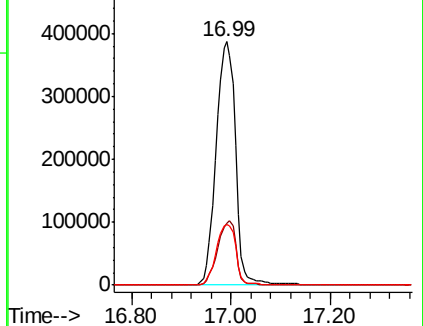
277 25.4 20.4 30.6



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

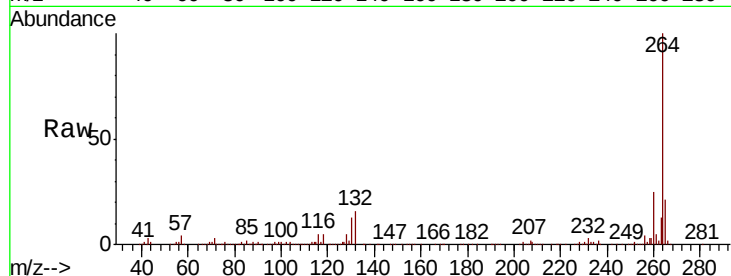
Tot Ion:264 Resp: 397235

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

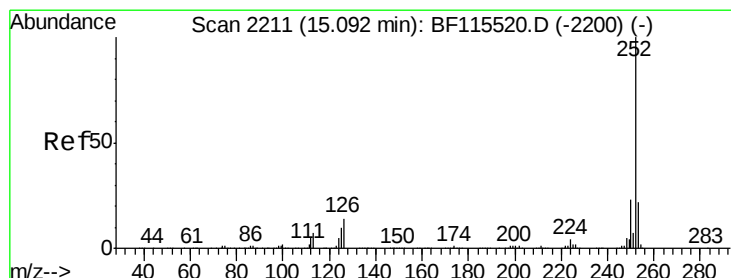
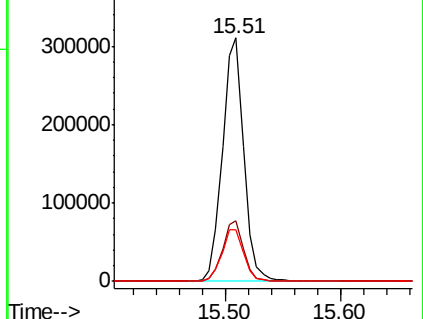
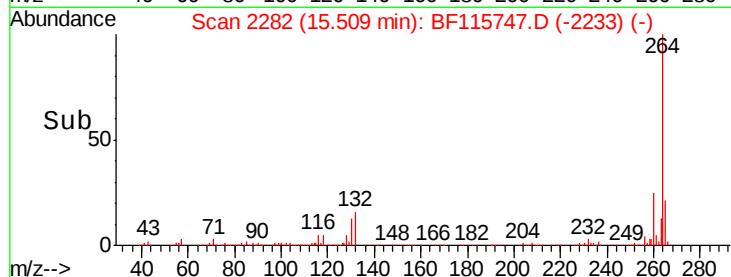
265 21.2 17.7 26.5



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: 43.736 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

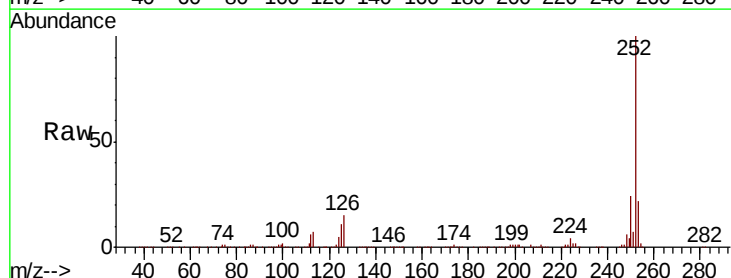
Tgt Ion:252 Resp: 1118698

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

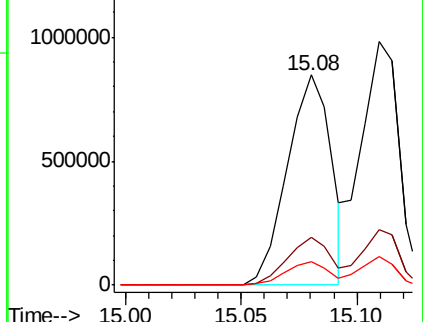
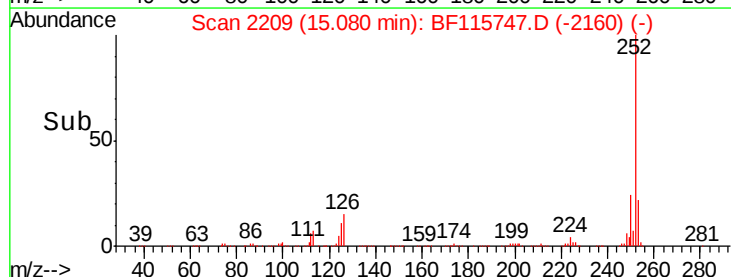
125 10.9 9.0 13.4

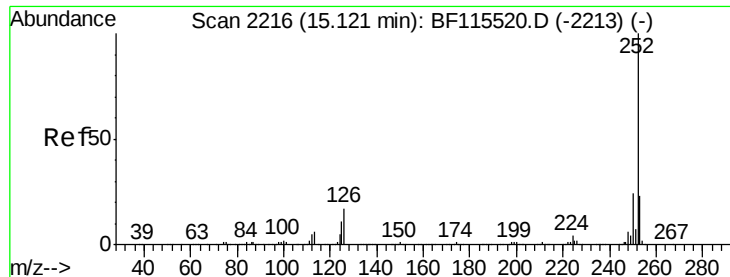


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

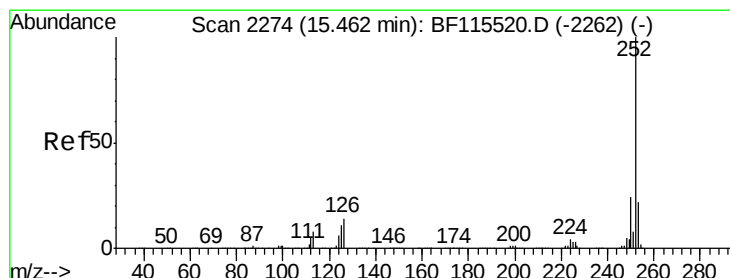
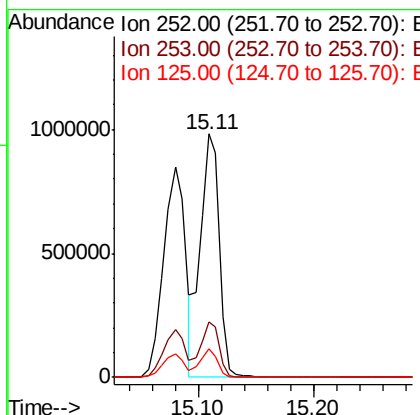
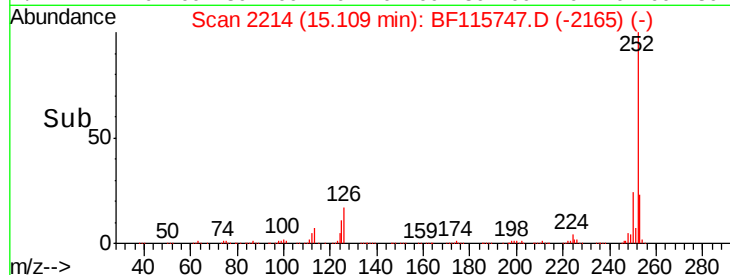
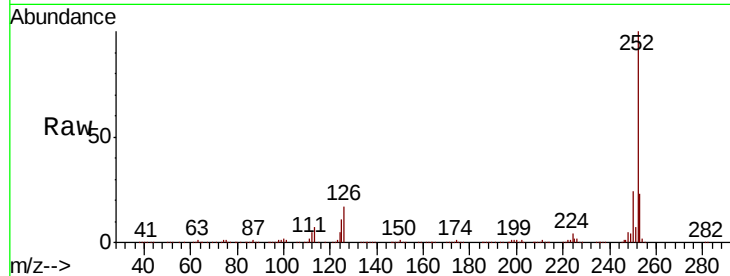




#89
Benzo(k)fluoranthene
Concen: 49.385 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

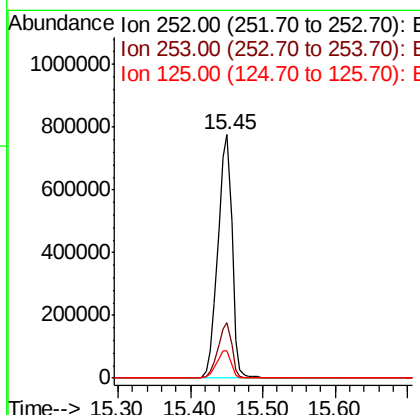
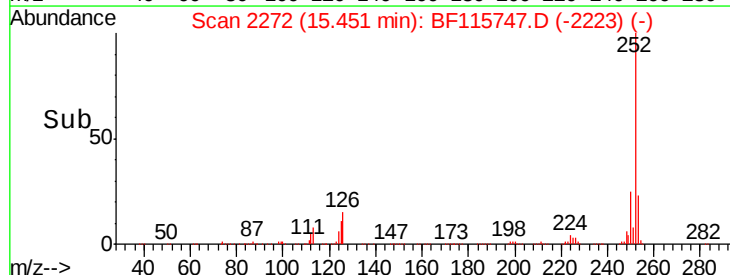
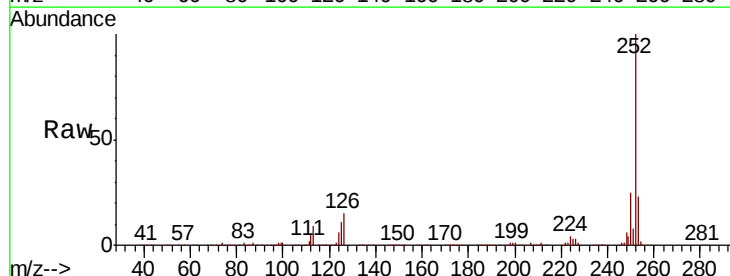
Instrument :
BNA_F
ClientSampled :

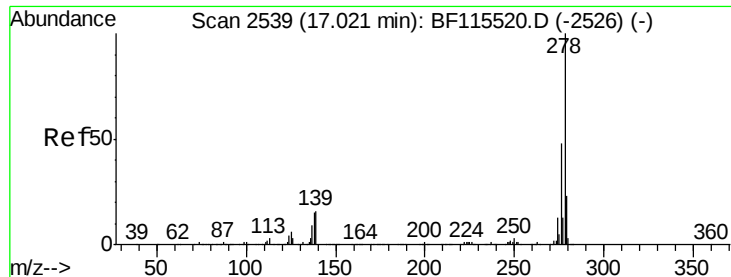
Tot Ion:252 Resp: 1126209
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 11.5 9.0 13.6



#90
Benzo(a)pyrene
Concen: 48.130 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115747.D
Acq: 24 Jul 2019 13:40

Tgt Ion:252 Resp: 1058128
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.3 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 46.245 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

Instrument :

BNA_F

ClientSampleId :

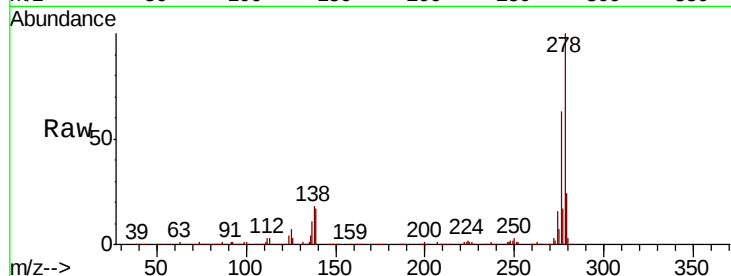
Tot Ion:278 Resp: 892552

Ion Ratio Lower Upper

278 100

139 16.6 13.1 19.7

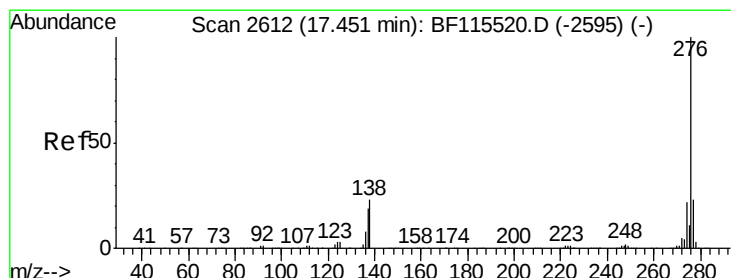
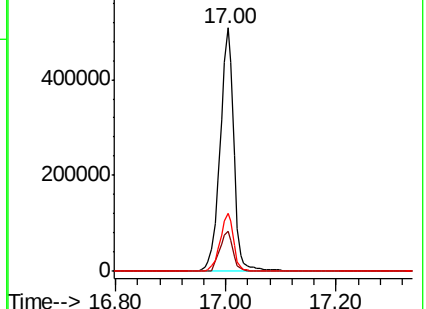
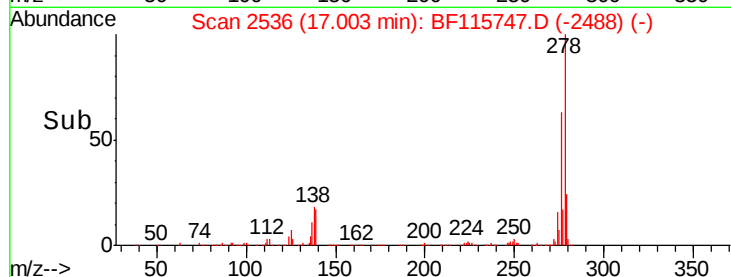
279 24.0 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.643 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115747.D

Acq: 24 Jul 2019 13:40

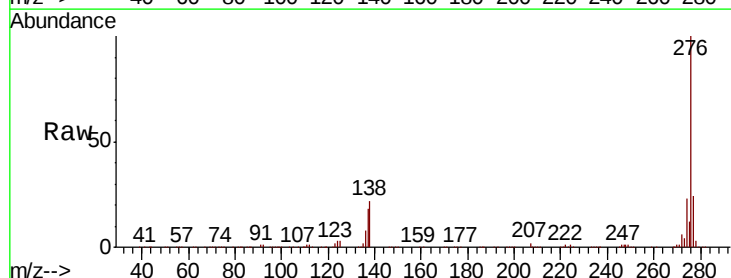
Tgt Ion:276 Resp: 840063

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 22.1 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

