

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115782.D
 Acq On : 26 Jul 2019 12:21
 Operator : HP/JU
 Sample : PB121703BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:58:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172787	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	722950	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	364103	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	664125	20.00	ng	0.00
76) Chrysene-d12	14.03	240	450113	20.00	ng	0.00
87) Perylene-d12	15.50	264	319754	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1086906	102.89	ng	0.02
7) Phenol-d6	6.51	99	1413469	105.45	ng	0.00
23) Nitrobenzene-d5	7.43	82	894328	71.93	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	398030	93.65	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1615506	77.66	ng	0.00
79) Terphenyl-d14	12.97	244	1653936	67.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	173894	33.002	ng	100
3) Pyridine	3.50	79	364934	25.527	ng	98
4) n-Nitrosodimethylamine	3.44	42	190155	36.665	ng	97
6) Aniline	6.53	93	395144	21.184	ng	98
8) 2-Chlorophenol	6.66	128	440704	36.287	ng	97
9) Benzaldehyde	6.42	77	119182	14.229	ng	100
10) Phenol	6.52	94	544899	35.019	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	423321	35.734	ng	95
12) 1,3-Dichlorobenzene	6.82	146	450756	33.011	ng	99
13) 1,4-Dichlorobenzene	6.89	146	457209	33.559	ng	98
14) 1,2-Dichlorobenzene	7.04	146	430034	34.529	ng	98
15) Benzyl Alcohol	7.02	79	365510	34.375	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	575558	36.903	ng	97
17) 2-Methylphenol	7.13	107	384842	36.769	ng	99
18) Hexachloroethane	7.39	117	171407	33.896	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	305824	34.984	ng	99
20) 3+4-Methylphenols	7.28	107	445387	35.825	ng	99
22) Acetophenone	7.28	105	605651	37.083	ng	# 98
24) Nitrobenzene	7.45	77	489951	36.535	ng	96
25) Isophorone	7.69	82	900399	36.191	ng	100
26) 2-Nitrophenol	7.77	139	249937	36.210	ng	100
27) 2,4-Dimethylphenol	7.80	122	395431	38.288	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	555458	36.393	ng	100
29) 2,4-Dichlorophenol	8.02	162	399004	37.148	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	421159	34.688	ng	99
31) Naphthalene	8.17	128	1279688	36.549	ng	100
32) Benzoic acid	7.94	122	285606	33.697	ng	98
33) 4-Chloroaniline	8.22	127	349982	22.567	ng	99
34) Hexachlorobutadiene	8.29	225	237749	34.147	ng	98
35) Caprolactam	8.59	113	77436	23.331	ng	93
36) 4-Chloro-3-methylphenol	8.71	107	404187	36.277	ng	98
37) 2-Methylnaphthalene	8.87	142	884674	38.118	ng	99
38) 1-Methylnaphthalene	8.97	142	820048	37.199	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	397408	36.245	ng	99

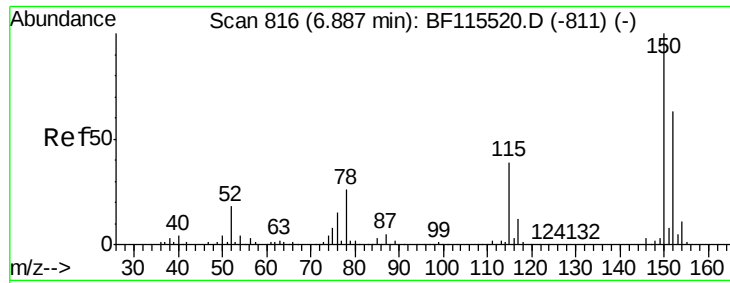
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115782.D
 Acq On : 26 Jul 2019 12:21
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Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 17:58:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	249574	39.903	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	267377	33.346	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	285652	34.787	ng	94
46) 1,1'-Biphenyl	9.33	154	1065057	37.416	ng	99
47) 2-Chloronaphthalene	9.36	162	830007	35.019	ng	100
48) 2-Nitroaniline	9.45	65	254783	34.731	ng	98
49) Acenaphthylene	9.77	152	1248495	35.549	ng	99
50) Dimethylphthalate	9.63	163	970642	35.433	ng	99
51) 2,6-Dinitrotoluene	9.69	165	214851	34.512	ng	97
52) Acenaphthene	9.94	154	763956	33.693	ng	98
53) 3-Nitroaniline	9.86	138	176439	24.801	ng	97
54) 2,4-Dinitrophenol	9.97	184	207020	64.769	ng	93
55) Dibenzofuran	10.12	168	1124710	34.929	ng	100
56) 4-Nitrophenol	10.03	139	309981	57.140	ng	99
57) 2,4-Dinitrotoluene	10.10	165	283696	35.174	ng	96
58) Fluorene	10.46	166	856451	37.206	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	244550	35.626	ng	100
60) Diethylphthalate	10.33	149	932523	36.332	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	431759	33.823	ng	97
62) 4-Nitroaniline	10.47	138	214950	31.499	ng	98
63) Azobenzene	10.61	77	946579	38.021	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	136523	33.646	ng	97
66) n-Nitrosodiphenylamine	10.57	169	766170	37.087	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	269694	35.536	ng	99
68) Hexachlorobenzene	11.01	284	295216	34.062	ng	# 89
69) Atrazine	11.09	200	191220	28.215	ng	98
70) Pentachlorophenol	11.20	266	318775	60.135	ng	99
71) Phenanthrene	11.42	178	1243055	36.515	ng	99
72) Anthracene	11.47	178	1244835	35.383	ng	100
73) Carbazole	11.62	167	1121060	36.337	ng	100
74) Di-n-butylphthalate	11.95	149	1430168	37.634	ng	99
75) Fluoranthene	12.61	202	1291790	35.909	ng	100
77) Benzidine	12.72	184	164196	10.297	ng	99
78) Pyrene	12.84	202	1301271	34.123	ng	100
80) Butylbenzylphthalate	13.44	149	603404	37.117	ng	99
81) Benzo(a)anthracene	14.02	228	1062396	35.827	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	324609	30.793	ng	99
83) Chrysene	14.06	228	1042212	35.011	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	848013	42.112	ng	99
85) Di-n-octyl phthalate	14.62	149	1342123	41.889	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	883285	34.926	ng	99
88) Benzo(b)fluoranthene	15.07	252	951237	46.200	ng	100
89) Benzo(k)fluoranthene	15.10	252	911108	49.633	ng	99
90) Benzo(a)pyrene	15.44	252	843152	47.645	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	754945	48.594	ng	99
92) Benzo(g,h,i)perylene	17.43	276	714995	46.146	ng	97

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

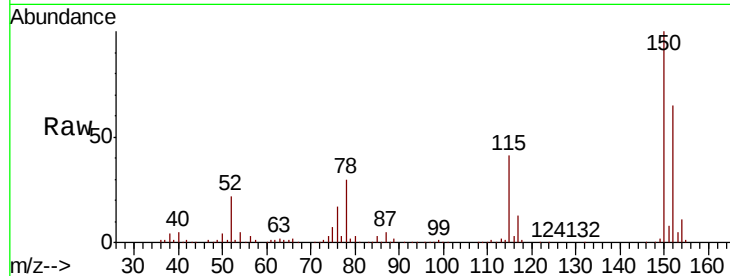


#1

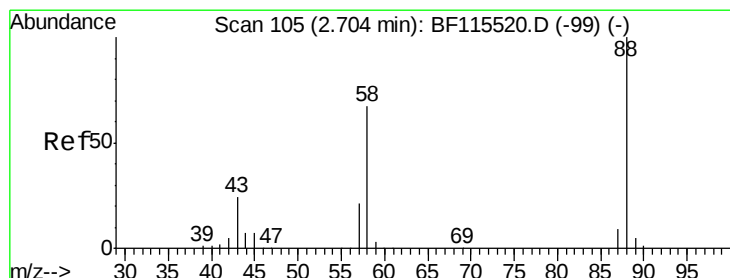
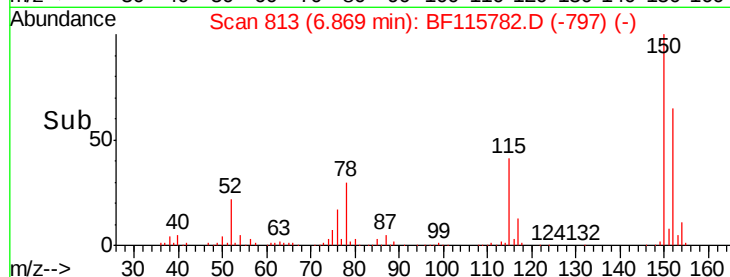
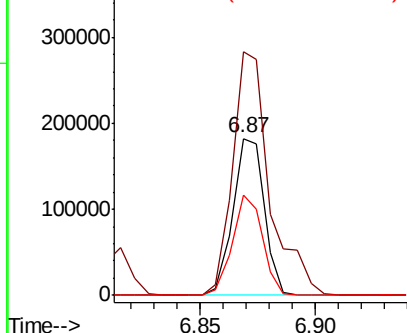
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172787
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 63.5 47.8 71.6



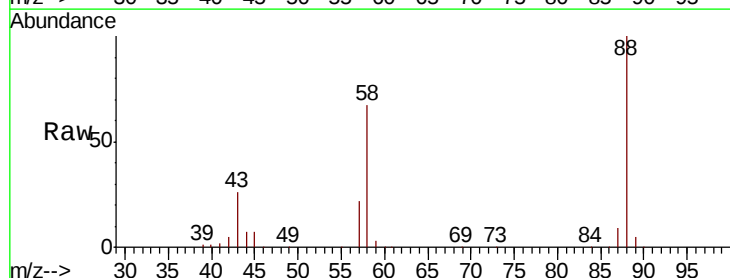
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



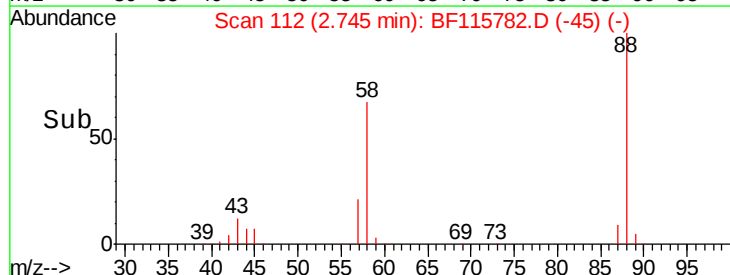
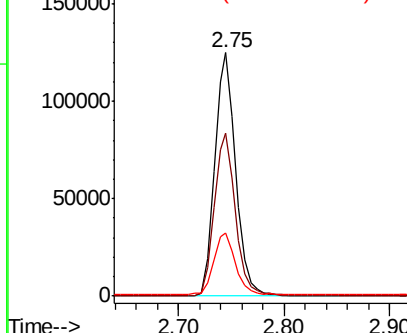
#2

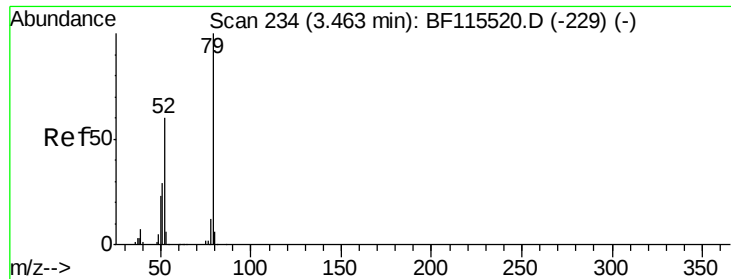
1,4-Dioxane
Concen: 33.002 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.09 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion: 88 Resp: 173894
Ion Ratio Lower Upper
88 100
58 67.8 54.2 81.4
43 26.1 20.8 31.2



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: 25.527 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.08 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

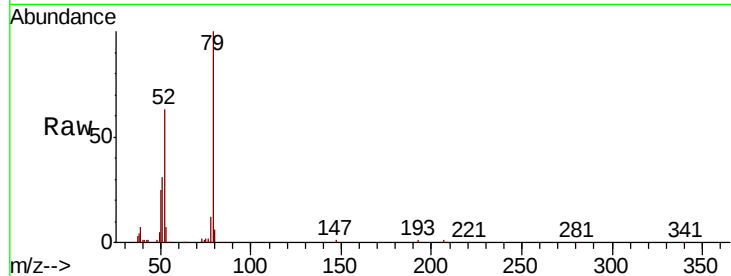
Tot Ion: 79 Resp: 364934

Ion Ratio Lower Upper

79 100

52 62.7 48.4 72.6

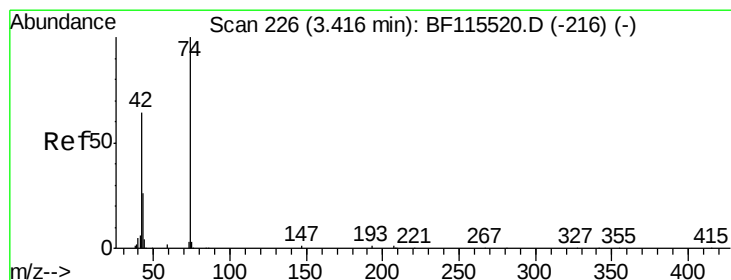
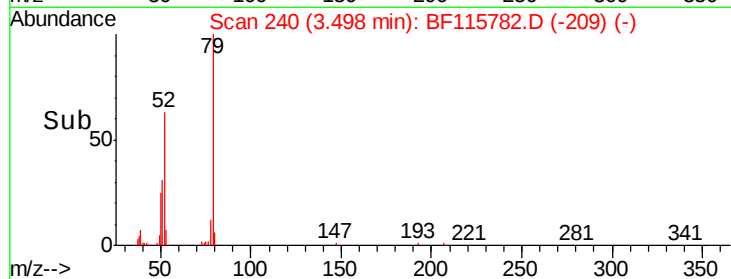
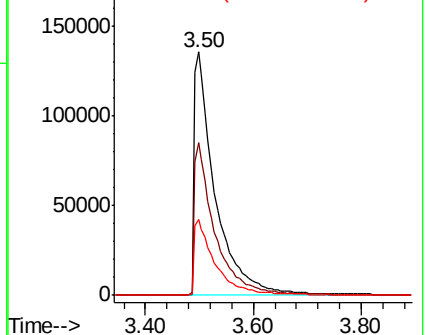
51 31.4 24.8 37.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.665 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.08 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

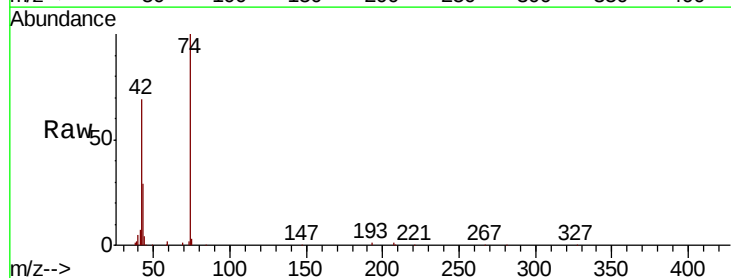
Tgt Ion: 42 Resp: 190155

Ion Ratio Lower Upper

42 100

74 145.6 113.4 170.0

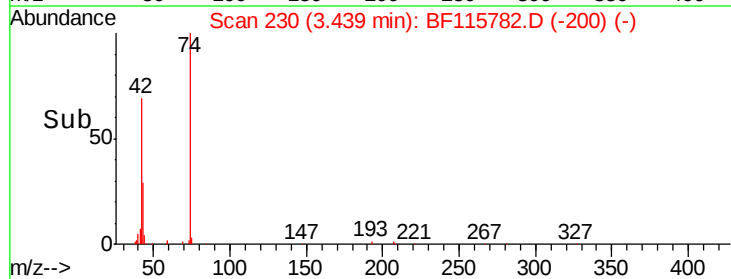
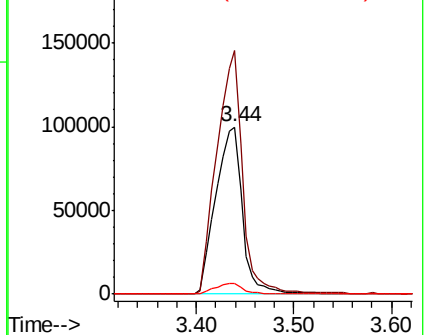
44 6.5 5.1 7.7

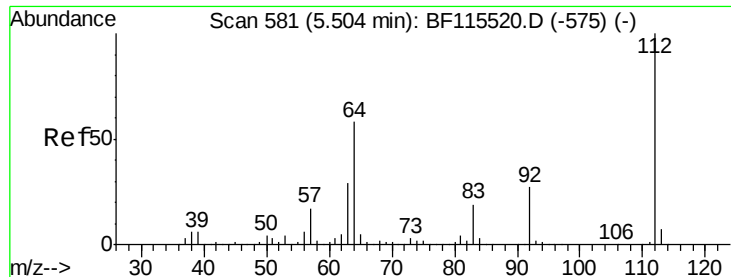


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 102.893 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

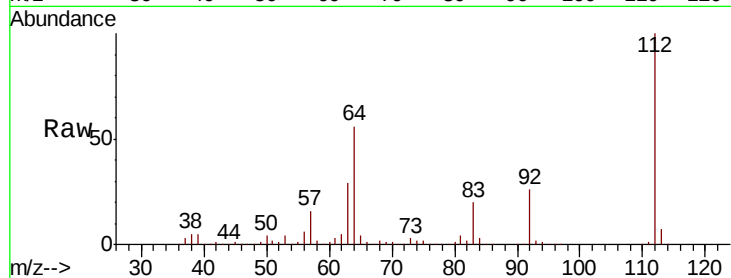
Tot Ion:112 Resp: 1086906

Ion Ratio Lower Upper

112 100

64 55.7 45.8 68.8

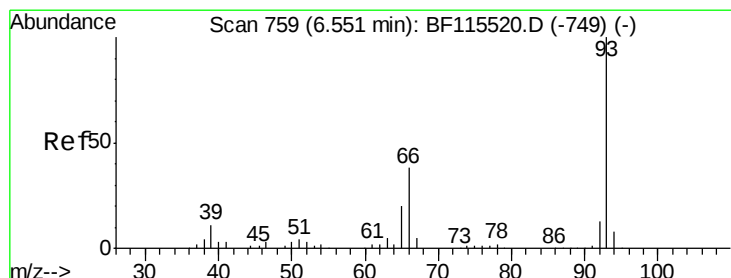
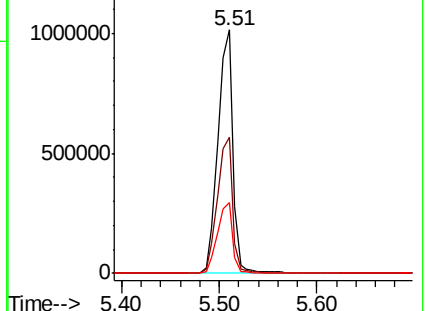
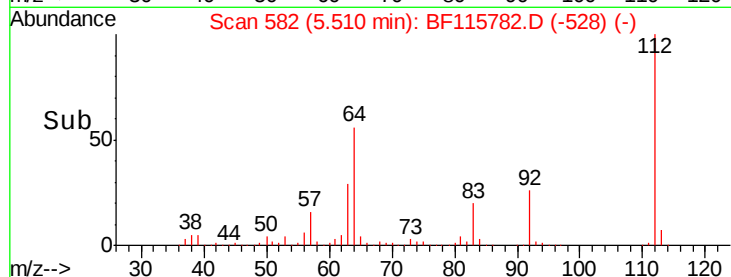
63 29.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.184 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

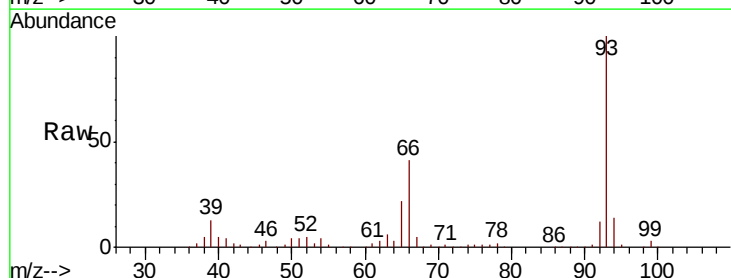
Tgt Ion: 93 Resp: 395144

Ion Ratio Lower Upper

93 100

66 41.3 32.2 48.2

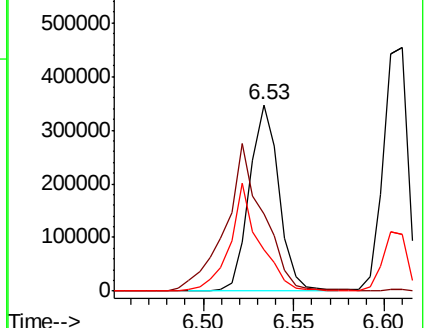
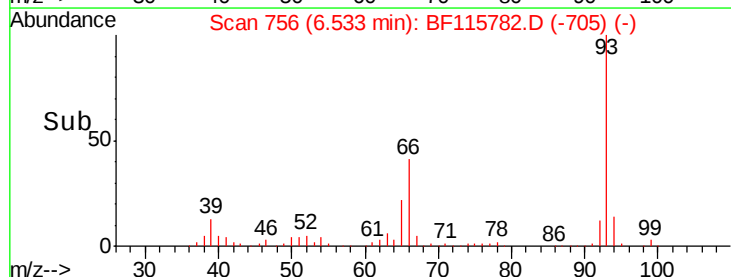
65 21.9 16.5 24.7

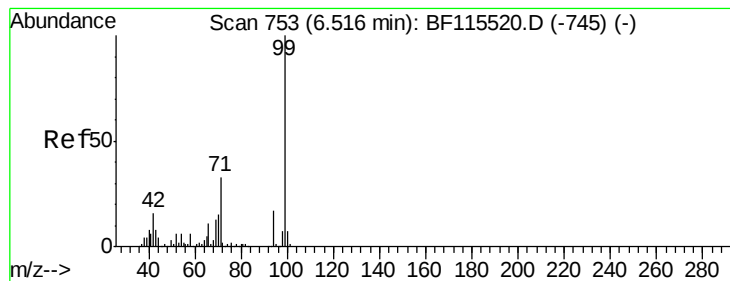


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.453 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampled :

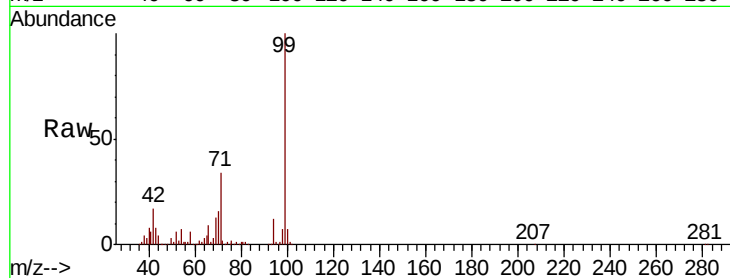
Tot Ion: 99 Resp: 1413469

Ion Ratio Lower Upper

99 100

42 16.8 13.4 20.2

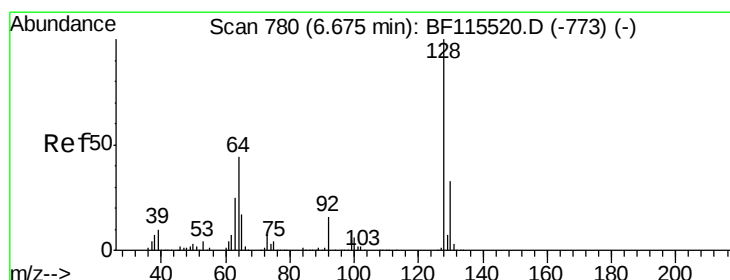
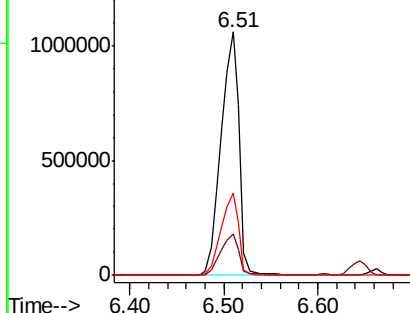
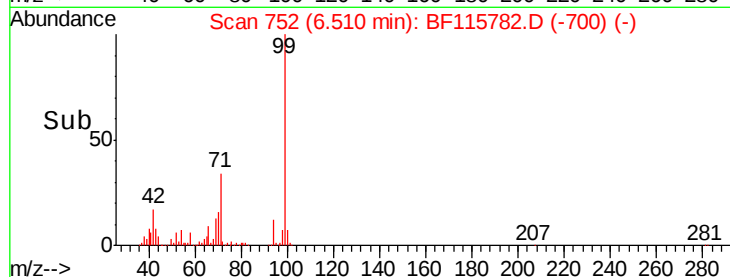
71 33.7 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.287 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

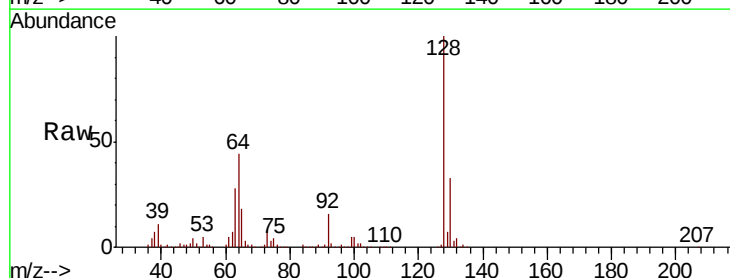
Tgt Ion:128 Resp: 440704

Ion Ratio Lower Upper

128 100

130 32.8 13.8 53.8

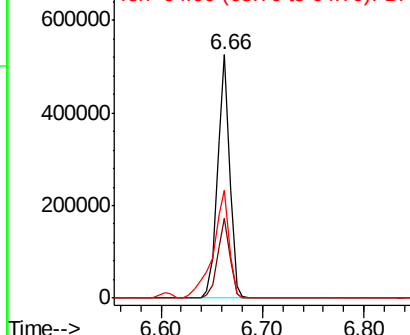
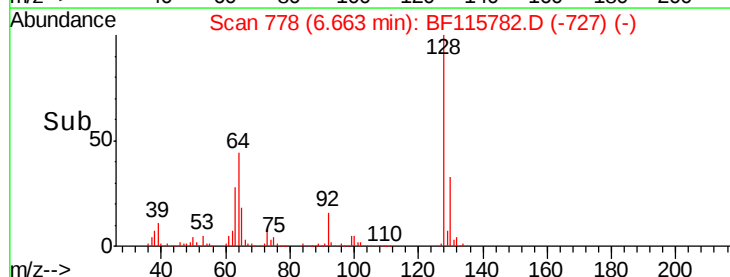
64 44.5 22.4 62.4

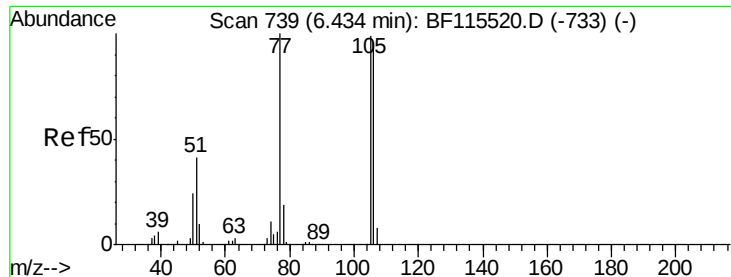


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.229 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

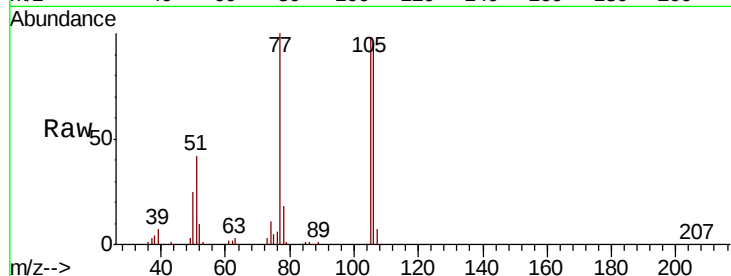
Tot Ion: 77 Resp: 119182

Ion Ratio Lower Upper

77 100

105 98.0 77.5 117.5

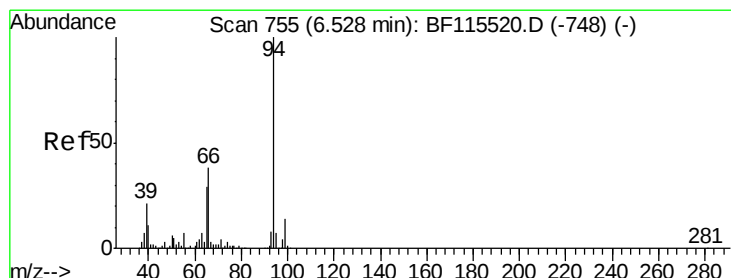
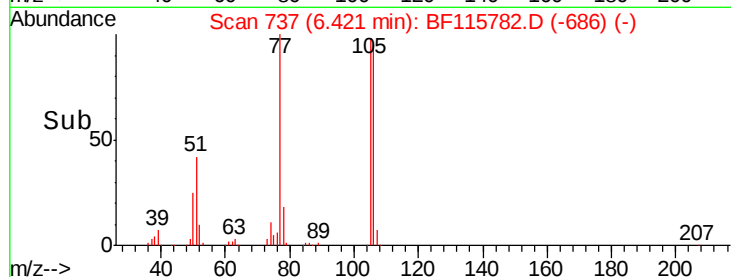
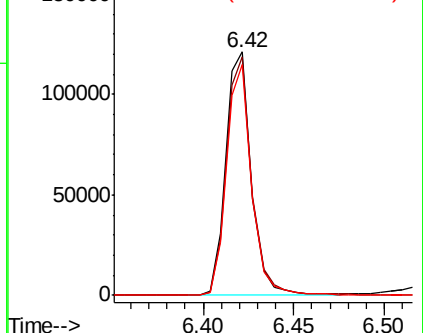
106 94.5 74.7 114.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.019 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

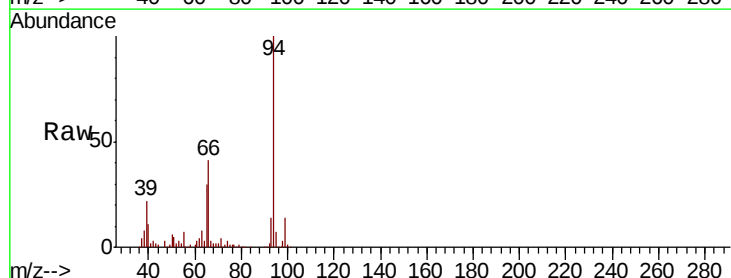
Tgt Ion: 94 Resp: 544899

Ion Ratio Lower Upper

94 100

65 30.2 11.2 51.2

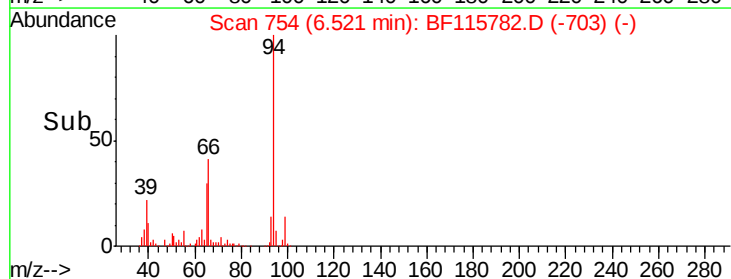
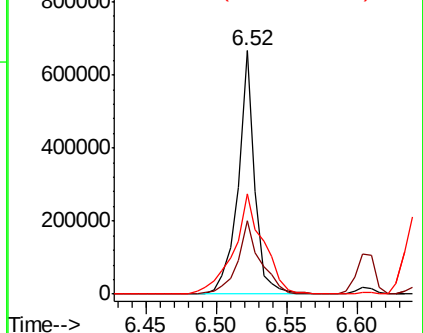
66 41.1 24.4 64.4

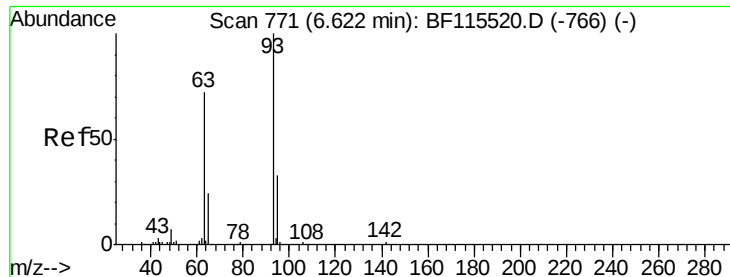


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

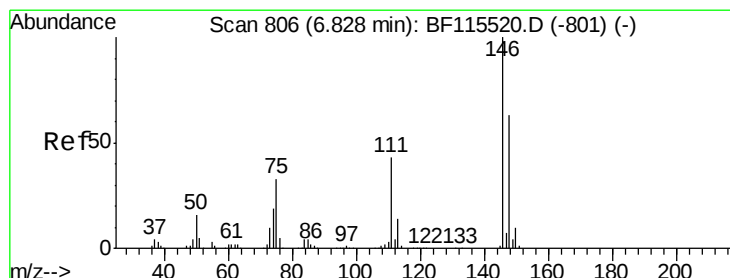
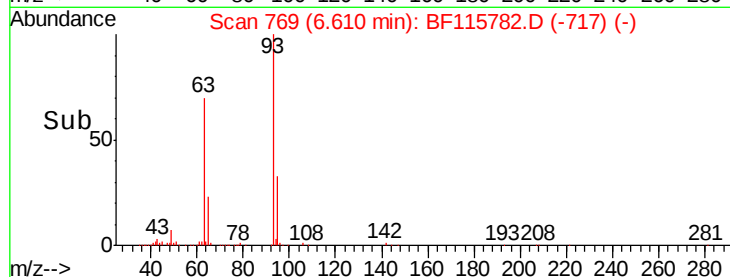
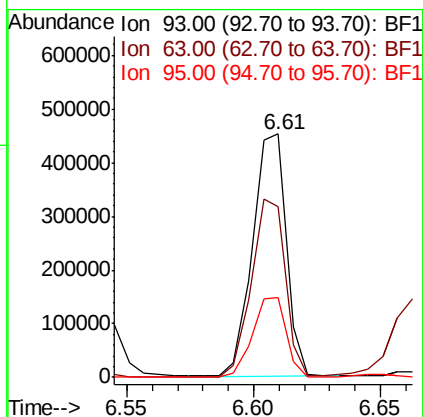
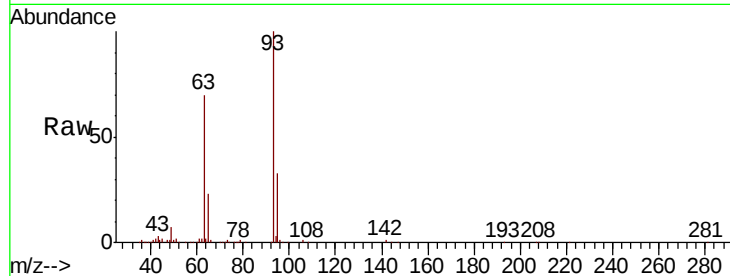




#11
bis(2-Chloroethyl)ether
Concen: 35.734 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

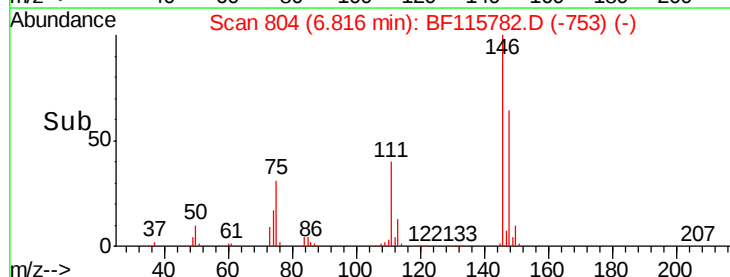
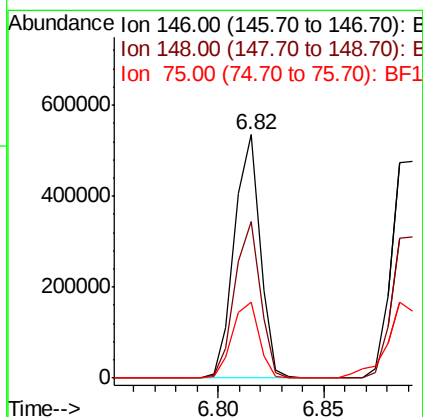
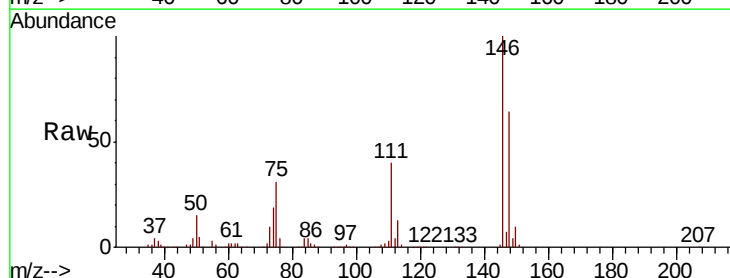
Instrument :
BNA_F
ClientSampleId :

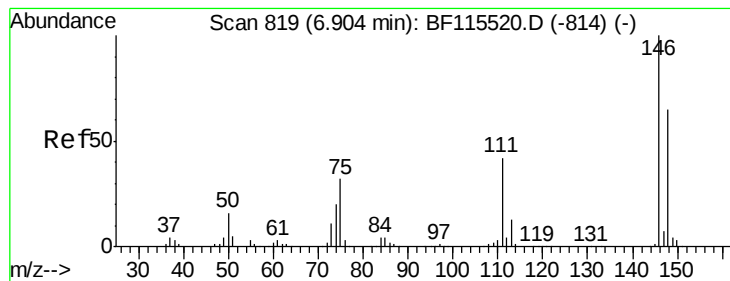
Tot Ion: 93 Resp: 423321
Ion Ratio Lower Upper
93 100
63 70.2 56.2 96.2
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 33.011 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion: 146 Resp: 450756
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 31.3 25.3 37.9





#13

1,4-Dichlorobenzene

Concen: 33.559 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

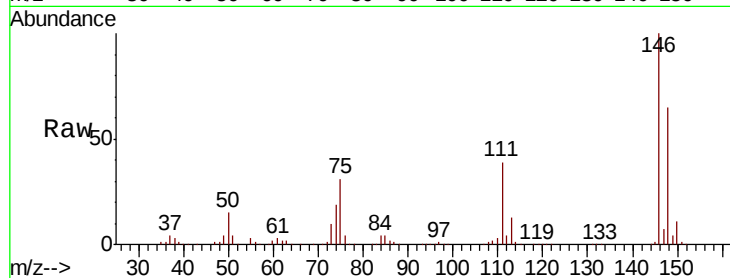
Tot Ion:146 Resp: 457209

Ion Ratio Lower Upper

146 100

148 65.1 52.7 79.1

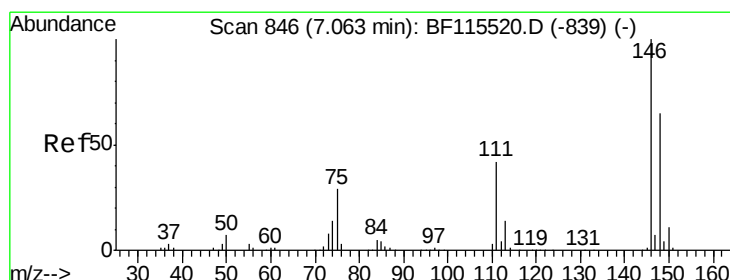
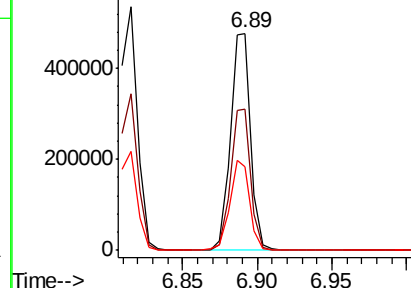
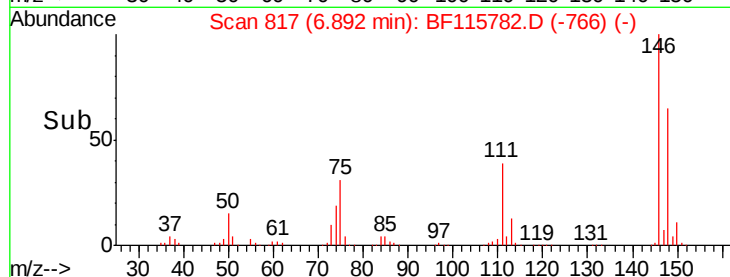
111 38.8 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 34.529 ng

RT: 7.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

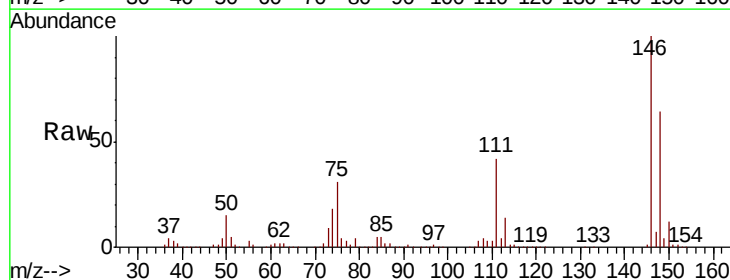
Tgt Ion:146 Resp: 430034

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

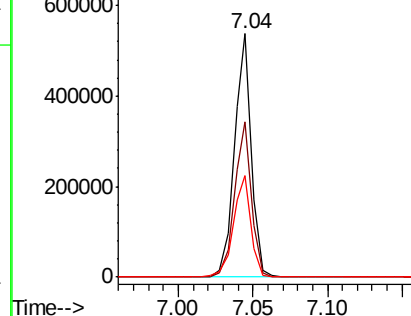
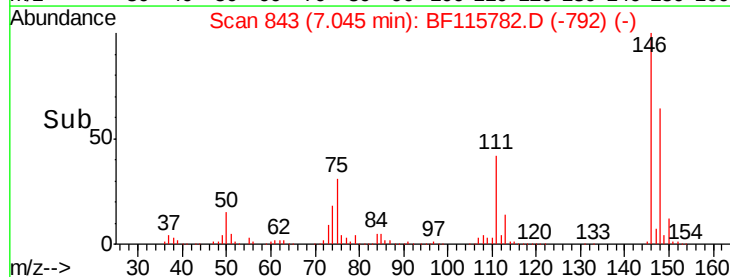
111 41.7 34.6 51.8

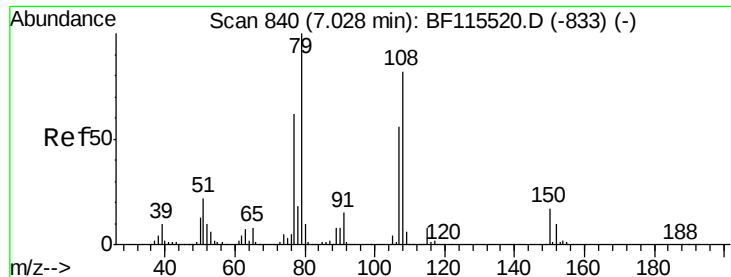


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.375 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampled :

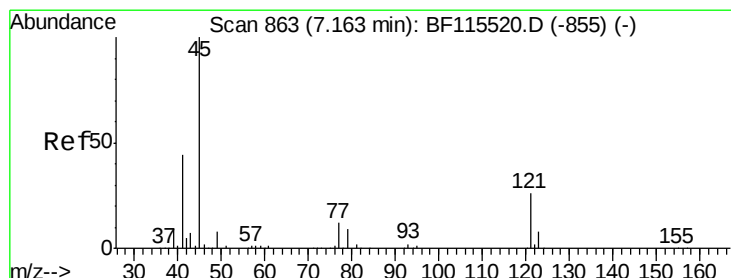
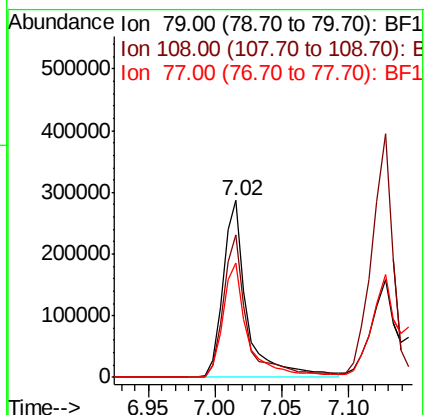
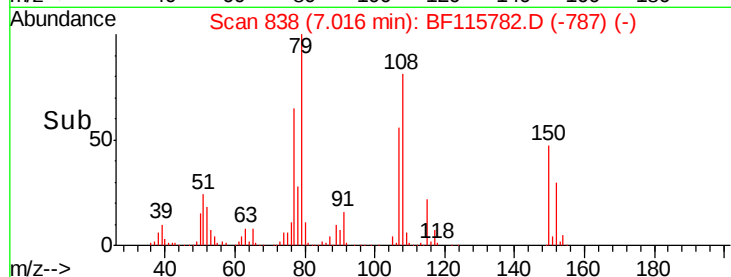
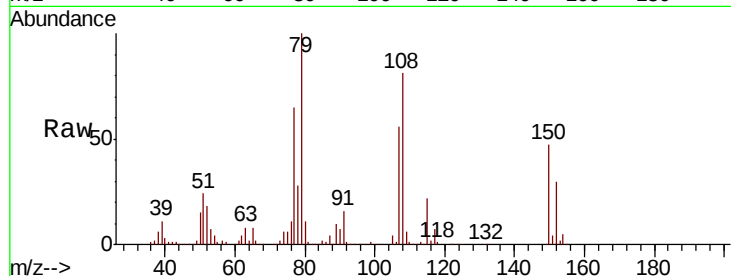
Tot Ion: 79 Resp: 365510

Ion Ratio Lower Upper

79 100

108 80.9 65.4 98.2

77 65.0 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.903 ng

RT: 7.14 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

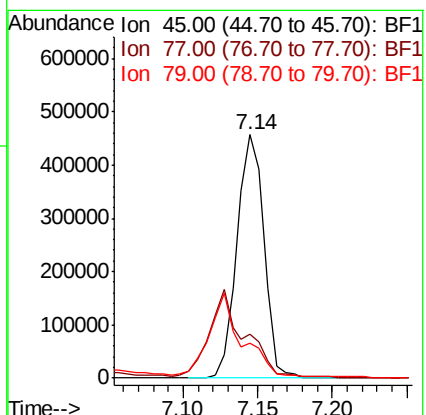
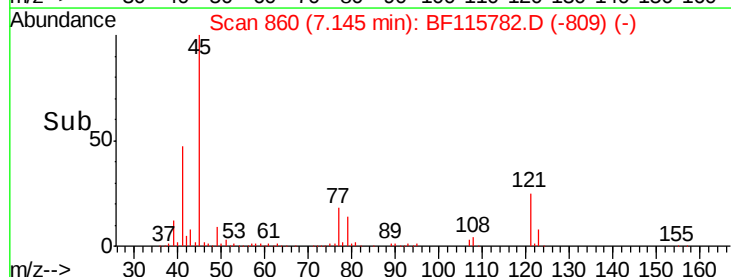
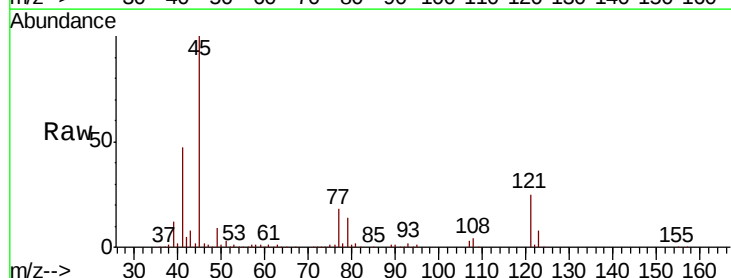
Tgt Ion: 45 Resp: 575558

Ion Ratio Lower Upper

45 100

77 17.8 0.0 36.8

79 14.2 0.0 33.1

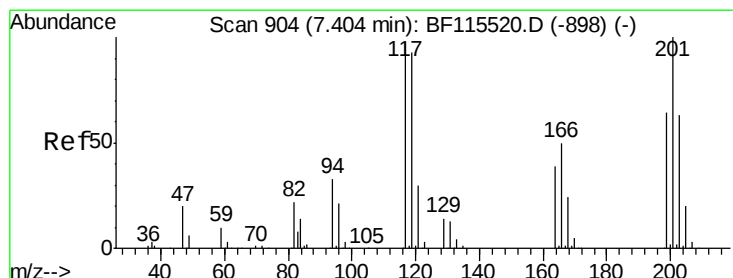
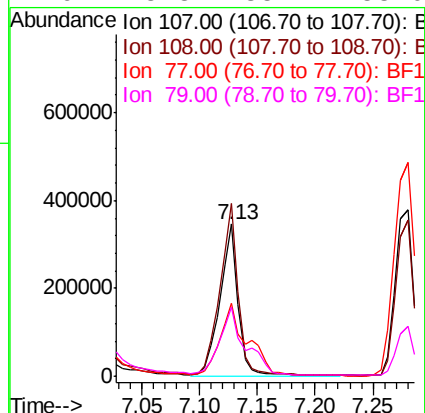
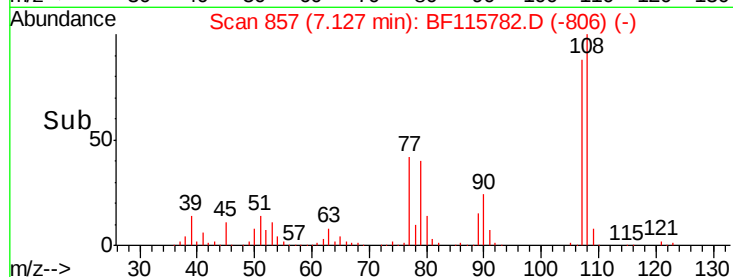
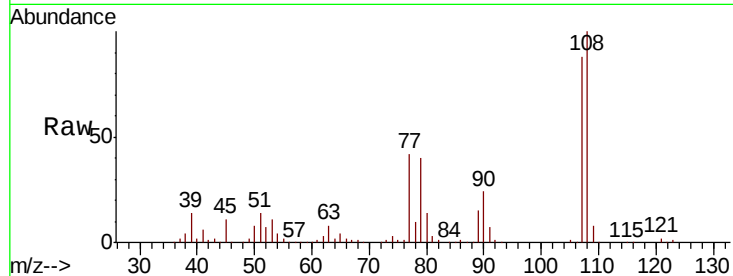




#17
2-Methylphenol
Concen: 36.769 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

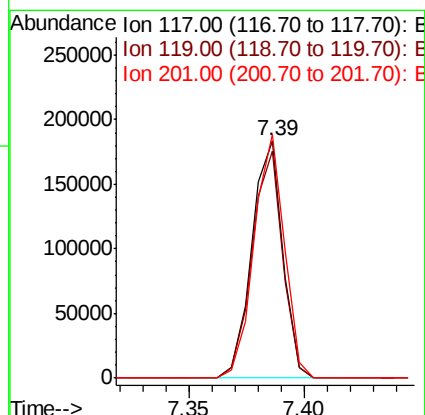
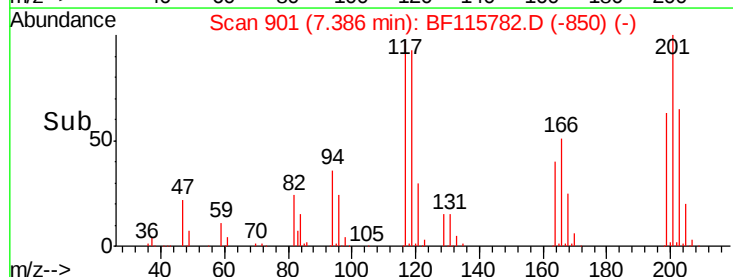
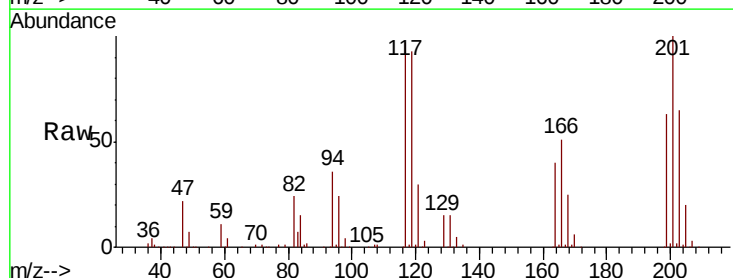
Instrument :
BNA_F
ClientSampleId :

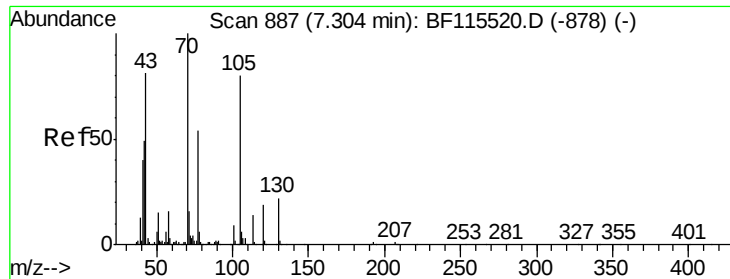
Tot Ion:107 Resp: 384842
Ion Ratio Lower Upper
107 100
108 113.8 91.3 136.9
77 47.8 36.9 55.3
79 45.8 35.4 53.0



#18
Hexachloroethane
Concen: 33.896 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:117 Resp: 171407
Ion Ratio Lower Upper
117 100
119 95.6 74.8 112.2
201 102.6 77.6 116.4

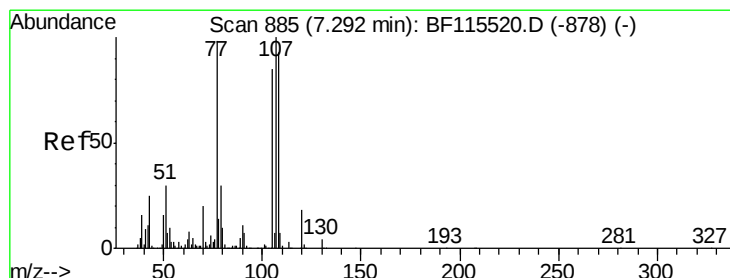
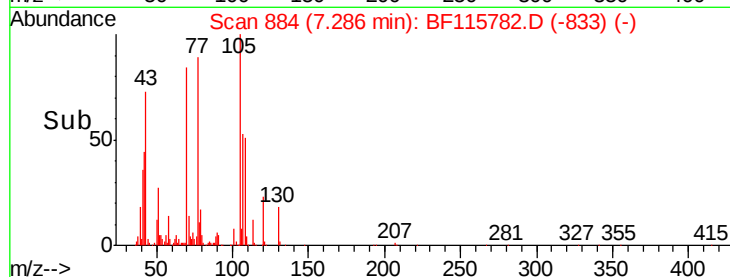
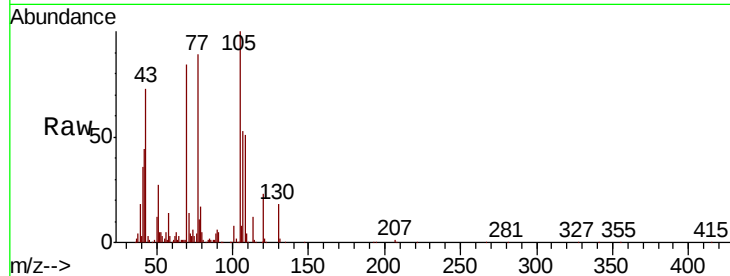
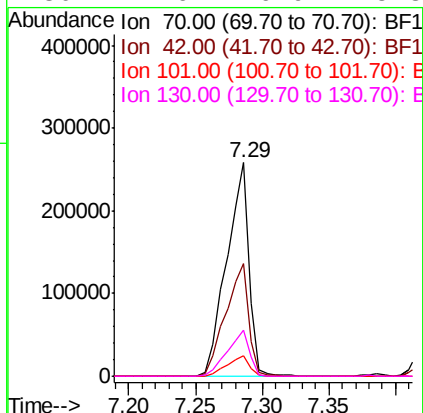




#19
n-Nitroso-di-n-propylamine
Concen: 34.984 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

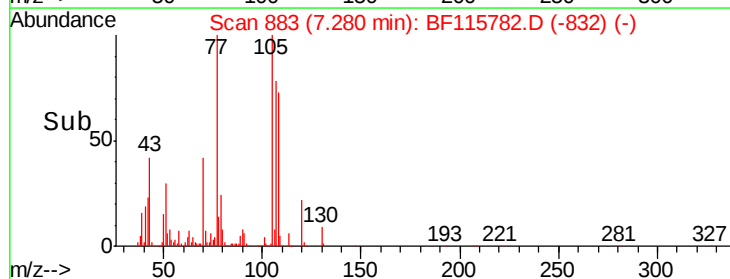
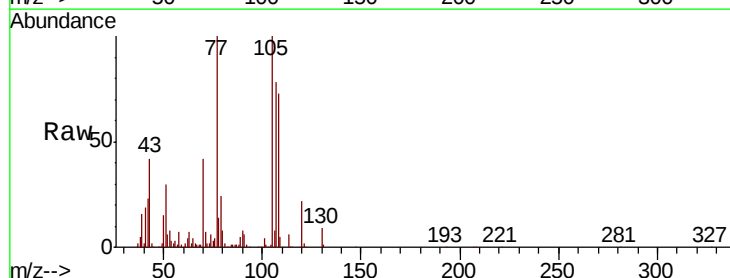
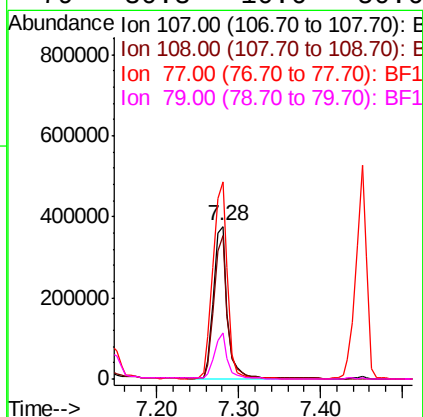
Instrument :
BNA_F
ClientSampleId :

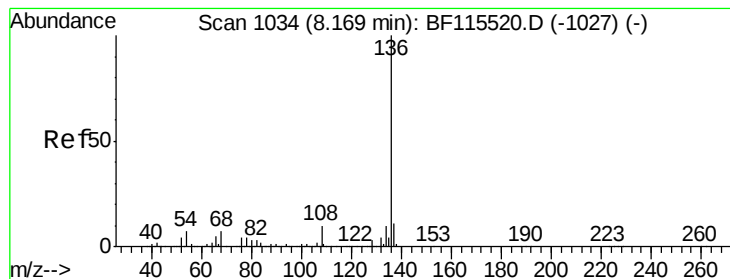
Tot Ion:	70	Resp:	305824
Ion	Ratio	Lower	Upper
70	100		
42	52.6	41.8	62.8
101	9.9	7.6	11.4
130	21.6	16.9	25.3



#20
3+4-Methylphenols
Concen: 35.825 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:	107	Resp:	445387
Ion	Ratio	Lower	Upper
107	100		
108	93.8	73.0	113.0
77	128.8	107.5	147.5
79	30.3	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 722950

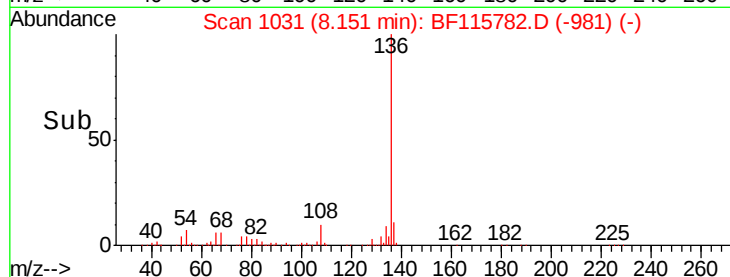
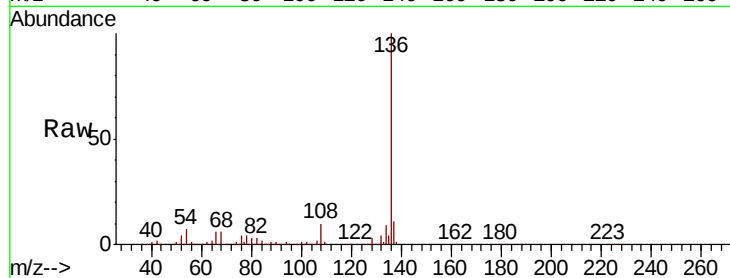
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.2 5.0 7.6

68 6.3 4.7 7.1

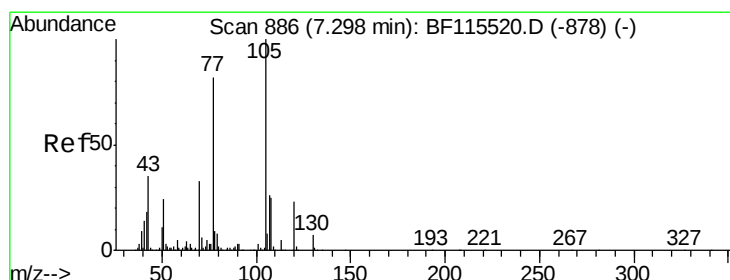
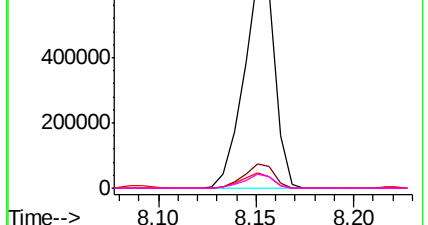


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.083 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:105 Resp: 605651

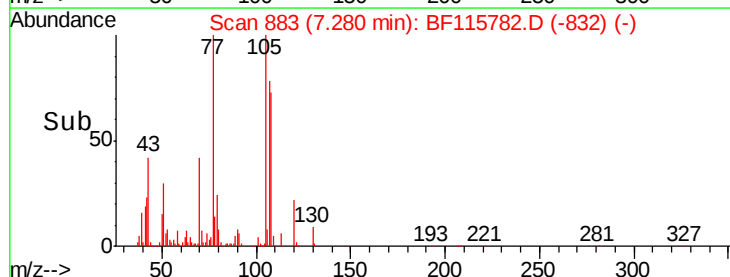
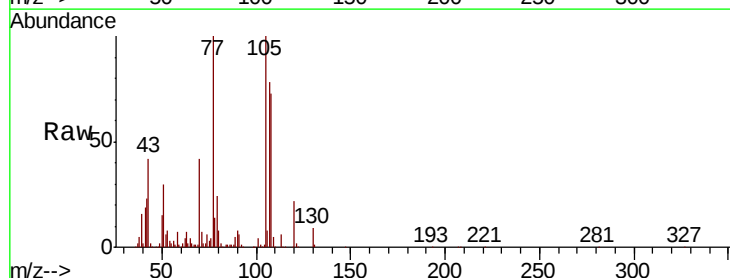
Ion Ratio Lower Upper

105 100

71 7.2 4.7 7.1#

51 30.4 25.6 38.4

120 22.1 17.7 26.5

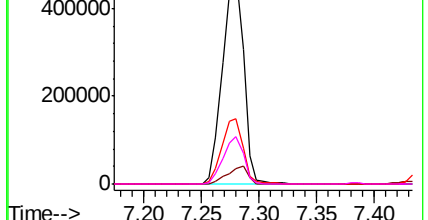


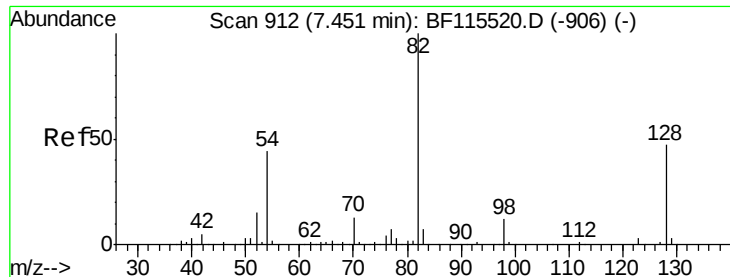
Abundance Ion 105.00 (104.70 to 105.70): E

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

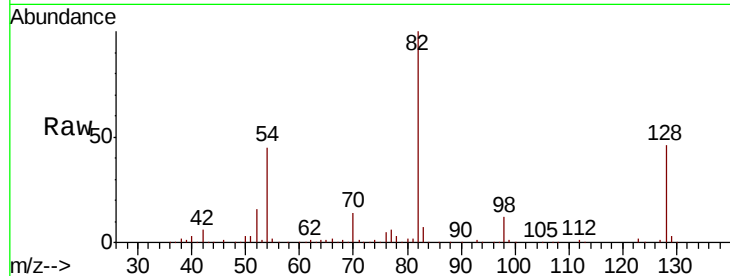




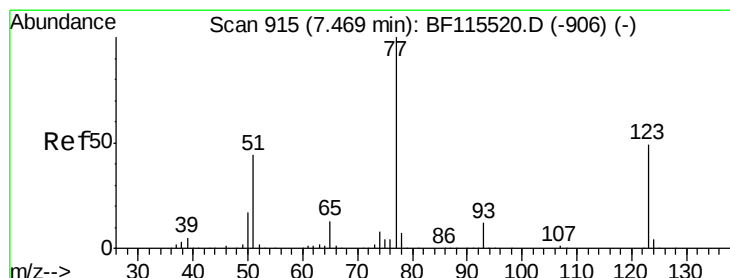
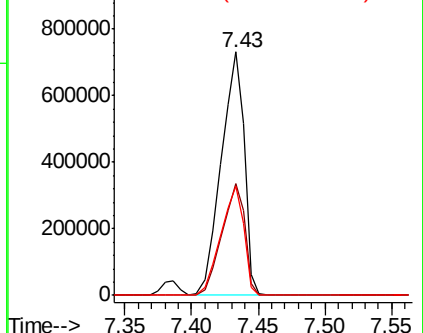
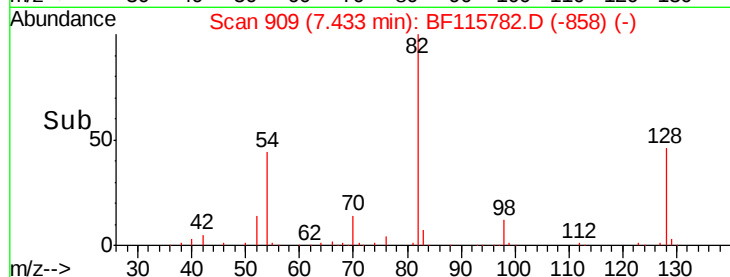
#23
 Nitrobenzene-d5
 Concen: 71.930 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 894328
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.6 55.0
 54 44.9 36.6 54.8

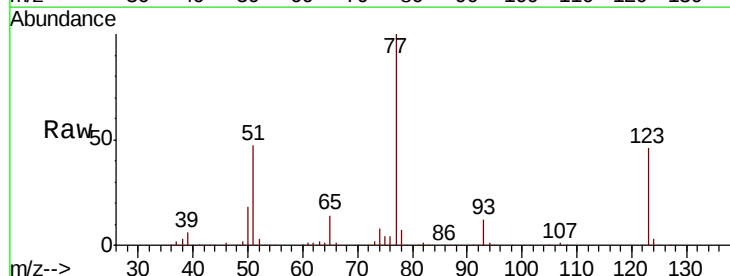


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

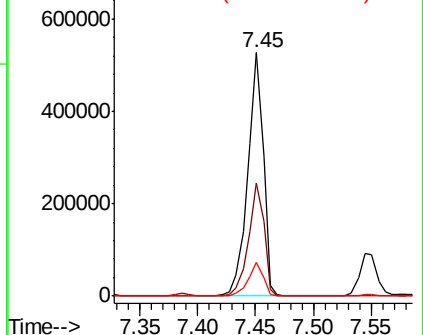
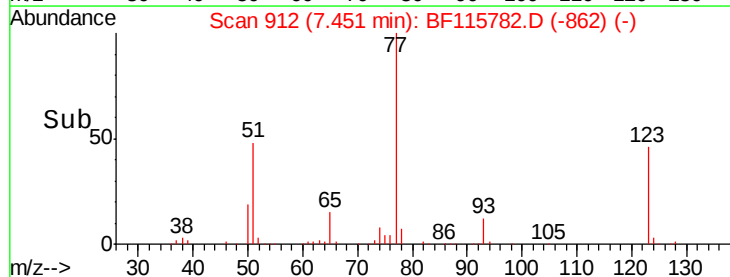


#24
 Nitrobenzene
 Concen: 36.535 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion: 77 Resp: 489951
 Ion Ratio Lower Upper
 77 100
 123 46.4 39.9 59.9
 65 13.8 10.5 15.7



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





#25

Isophorone

Concen: 36.191 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampled :

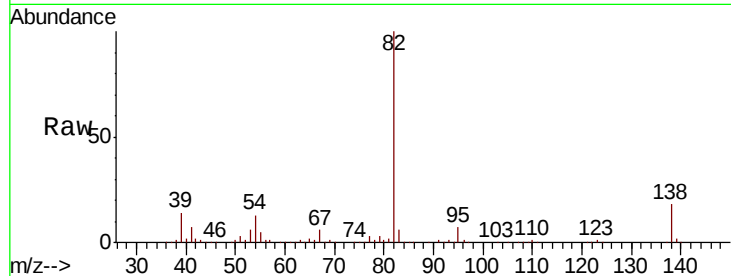
Tot Ion: 82 Resp: 900399

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

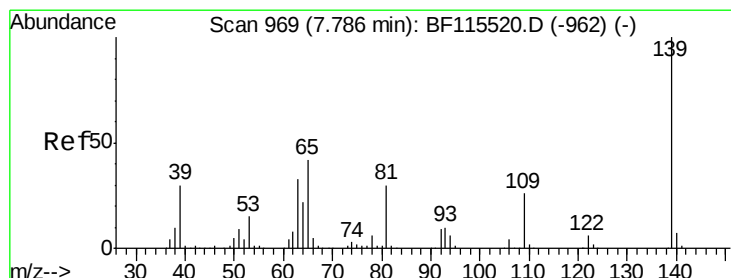
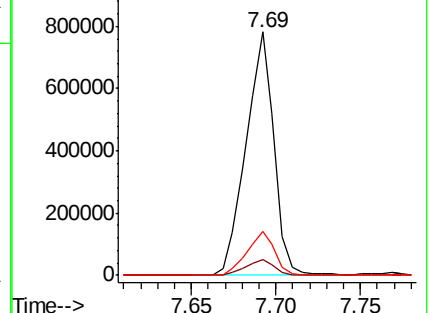
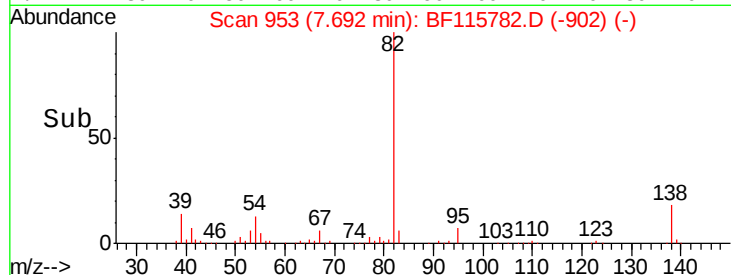
138 17.9 14.2 21.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.210 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

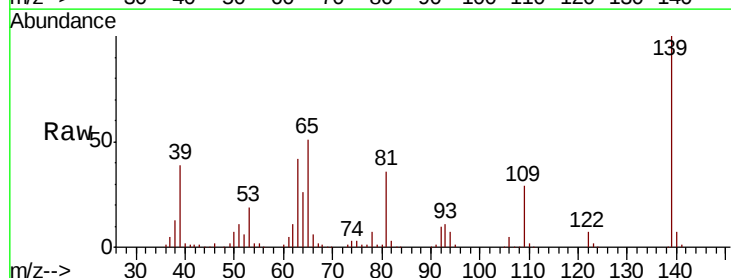
Tgt Ion: 139 Resp: 249937

Ion Ratio Lower Upper

139 100

109 28.9 23.2 34.8

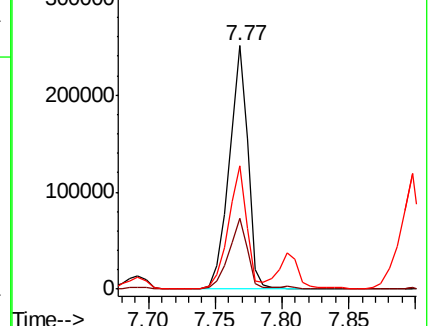
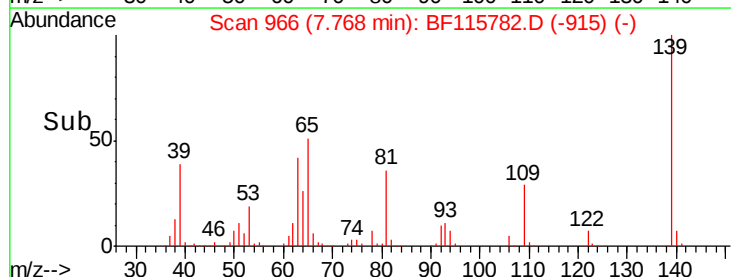
65 50.8 40.5 60.7



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

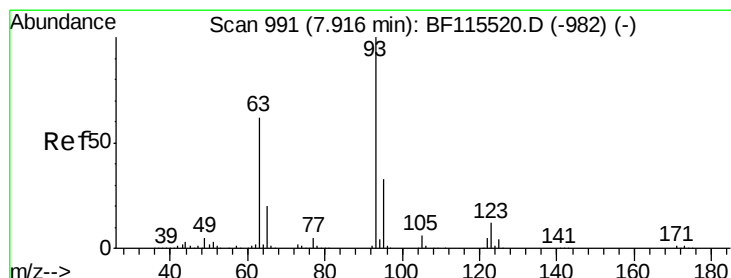
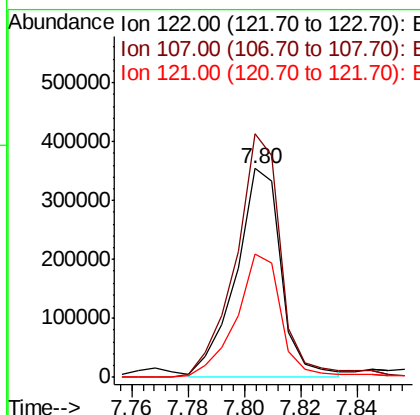
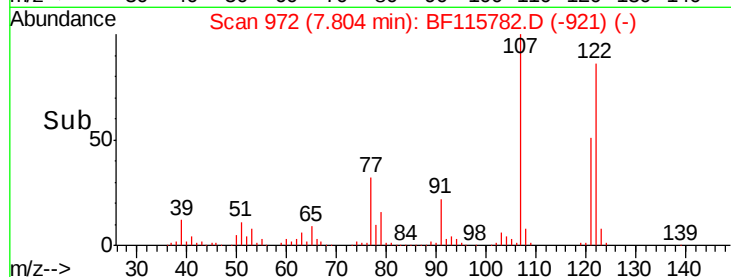
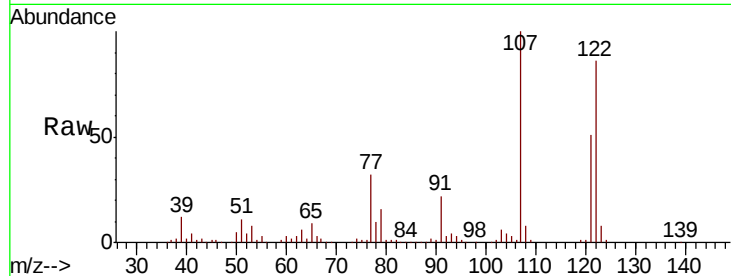




#27
2,4-Dimethylphenol
Concen: 38.288 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

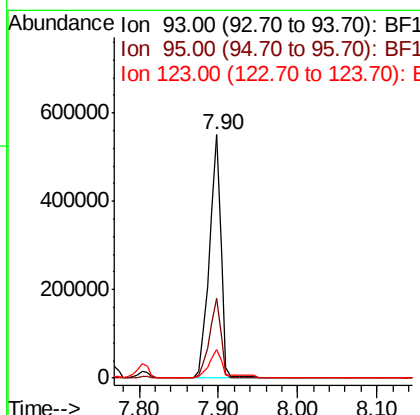
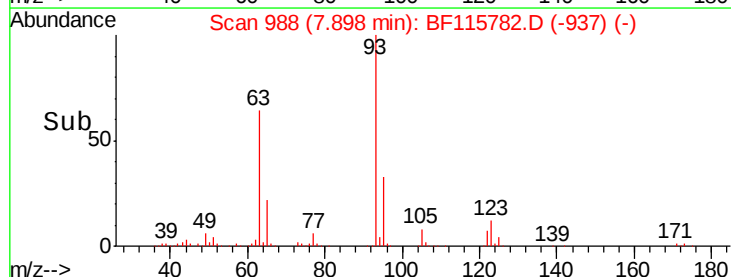
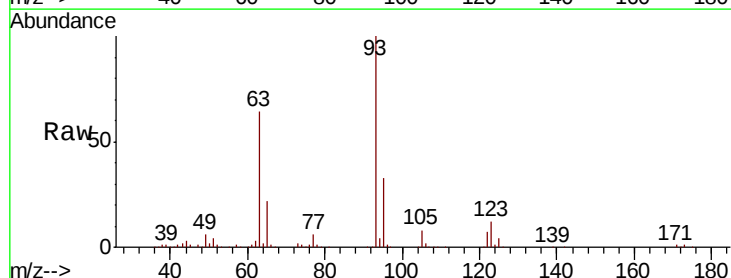
Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 395431
Ion Ratio Lower Upper
122 100
107 116.8 92.6 138.8
121 59.0 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.393 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion: 93 Resp: 555458
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.8 9.3 13.9

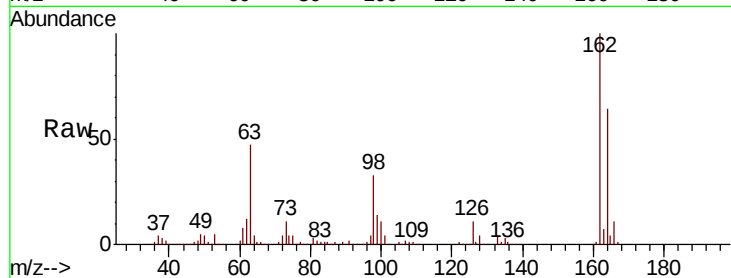




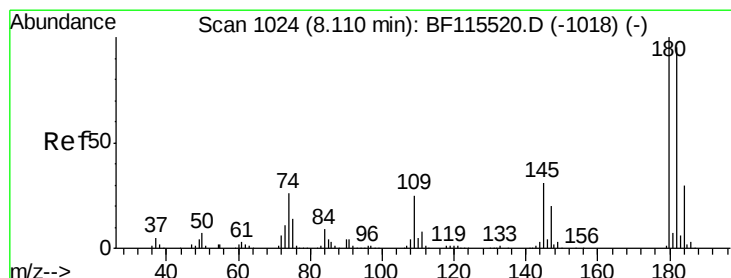
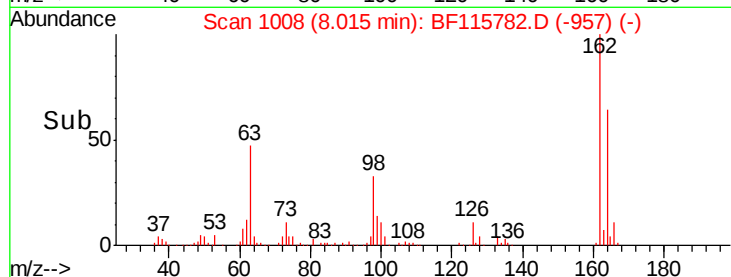
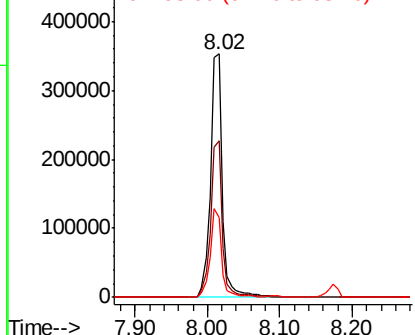
#29
2,4-Dichlorophenol
Concen: 37.148 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 399004
Ion Ratio Lower Upper
162 100
164 64.1 44.1 84.1
98 32.8 12.9 52.9

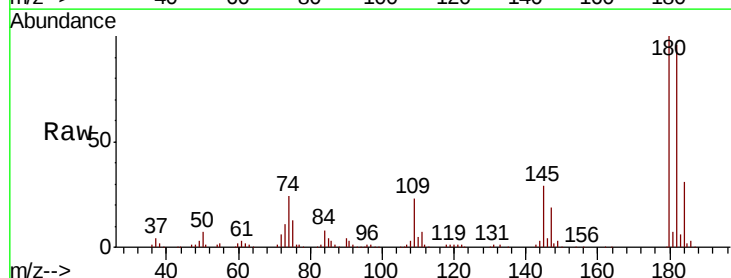


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

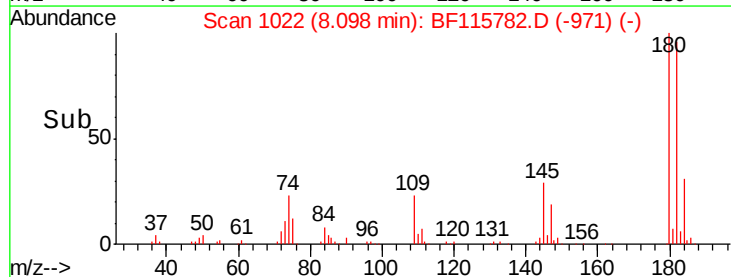
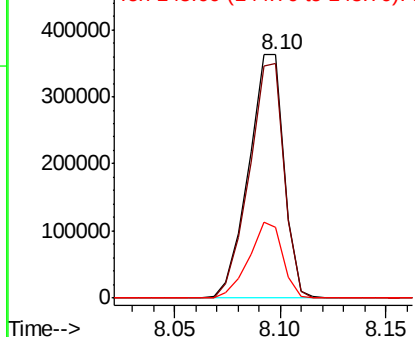


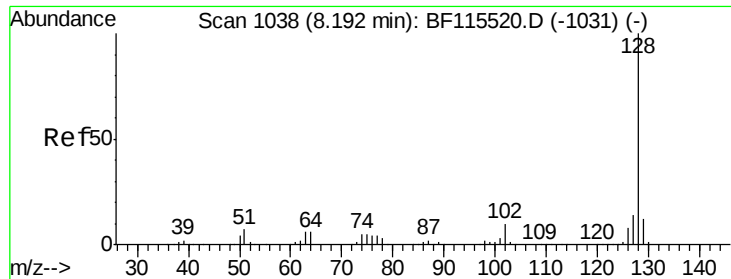
#30
1,2,4-Trichlorobenzene
Concen: 34.688 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:180 Resp: 421159
Ion Ratio Lower Upper
180 100
182 96.5 76.7 115.1
145 28.8 23.6 35.4



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

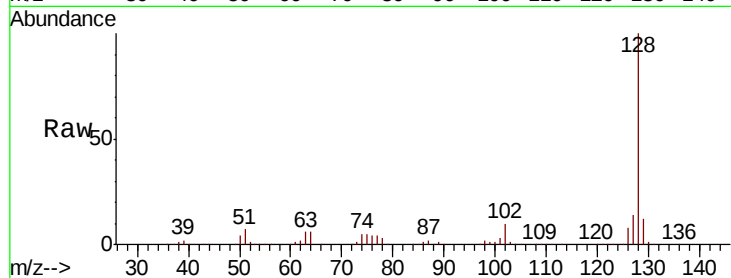




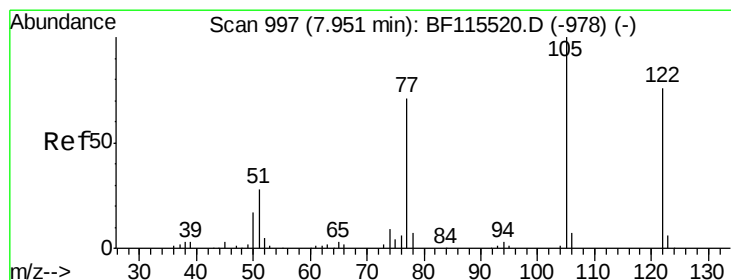
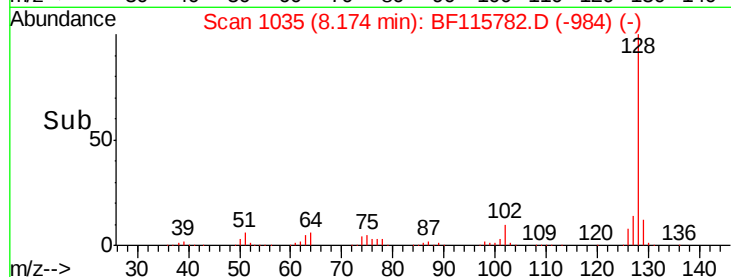
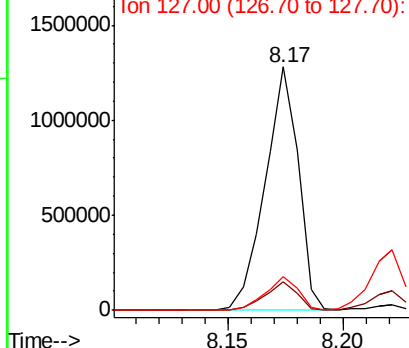
#31
Naphthalene
Concen: 36.549 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1279688
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.8 10.9 16.3

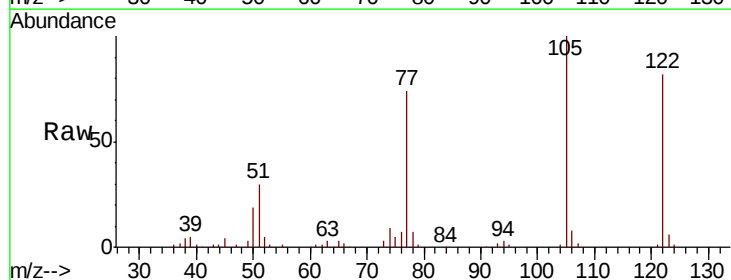


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

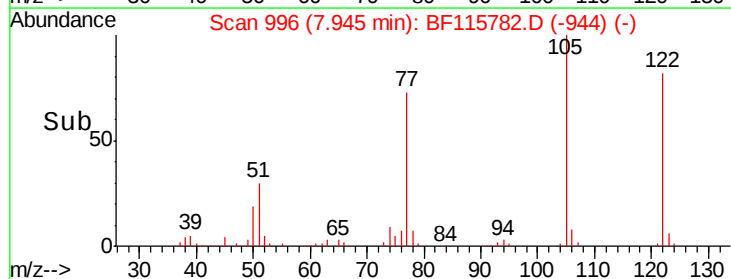
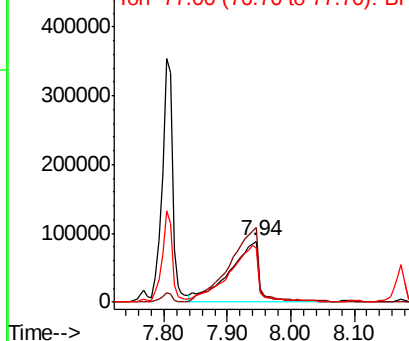


#32
Benzoic acid
Concen: 33.697 ng
RT: 7.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:122 Resp: 285606
Ion Ratio Lower Upper
122 100
105 121.5 102.0 142.0
77 89.5 73.6 113.6



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

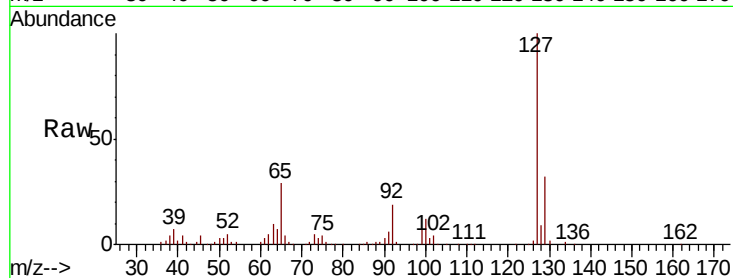




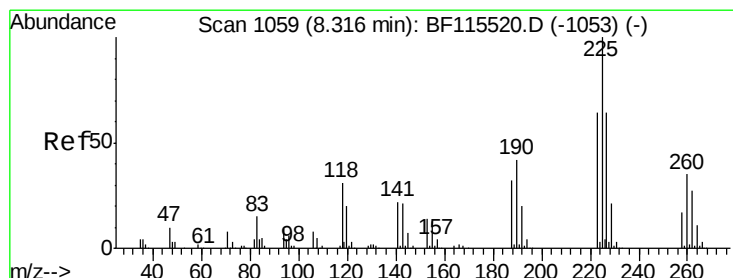
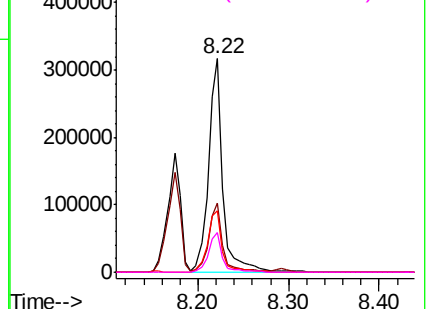
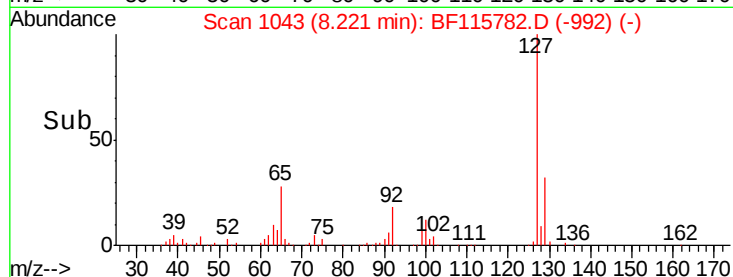
#33
4-Chloroaniline
Concen: 22.567 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	349982
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	28.8	23.8	35.8
92	18.5	15.1	22.7

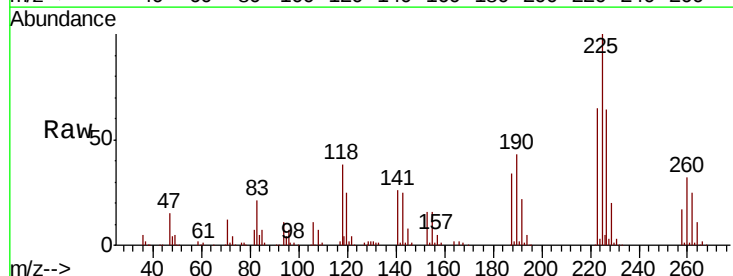


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

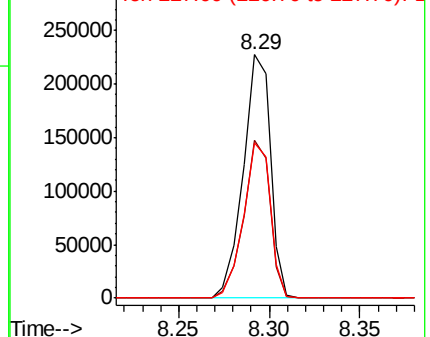
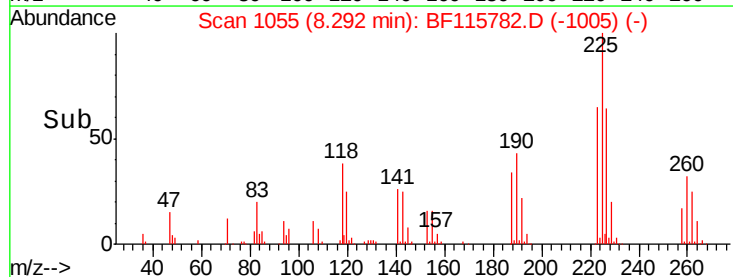


#34
Hexachlorobutadiene
Concen: 34.147 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:	225	Resp:	237749
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	64.0	52.8	79.2



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

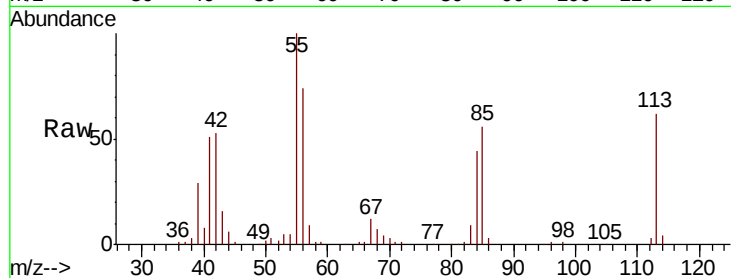




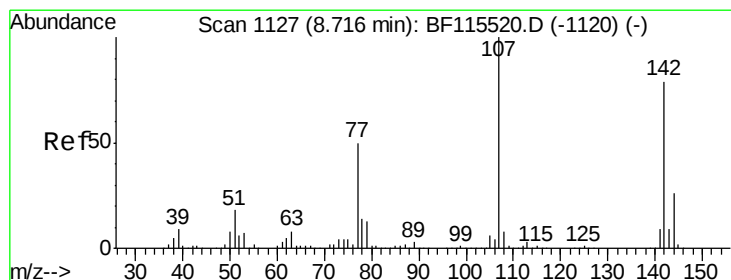
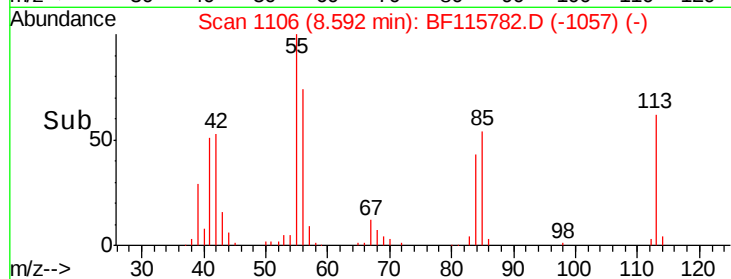
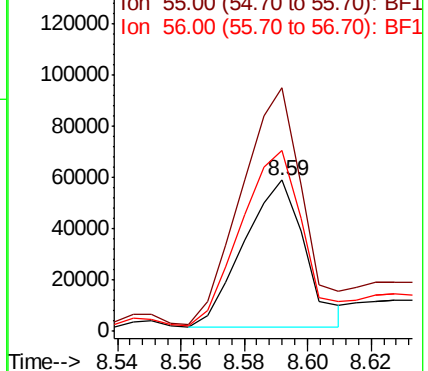
#35
Caprolactam
Concen: 23.331 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 77436
Ion Ratio Lower Upper
113 100
55 160.9 130.5 170.5
56 119.5 93.1 133.1

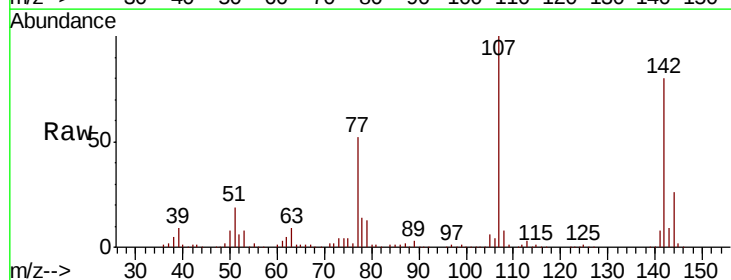


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

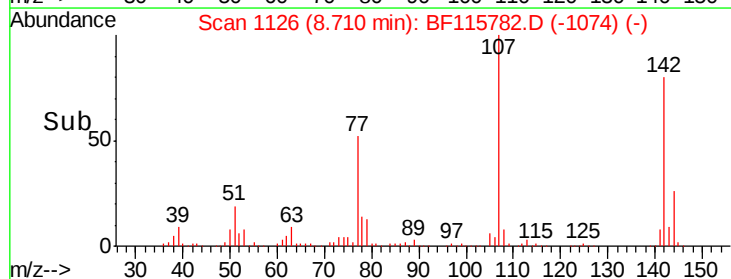
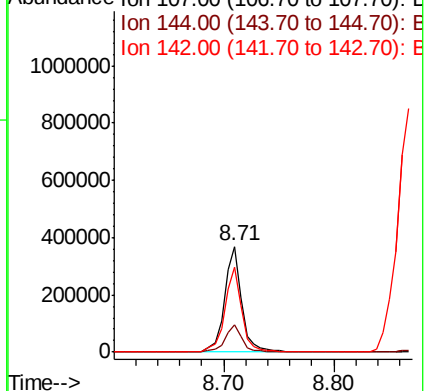


#36
4-Chloro-3-methylphenol
Concen: 36.277 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:107 Resp: 404187
Ion Ratio Lower Upper
107 100
144 26.0 20.1 30.1
142 80.2 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

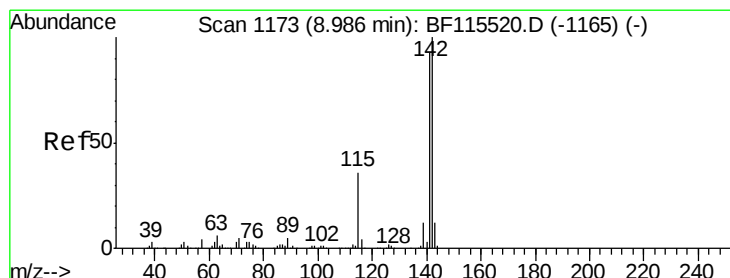
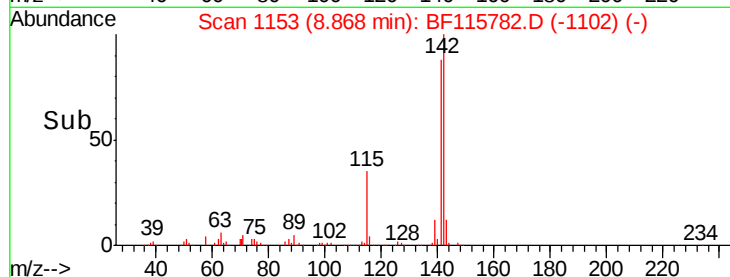
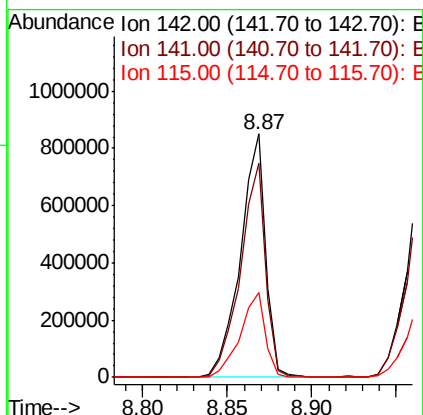
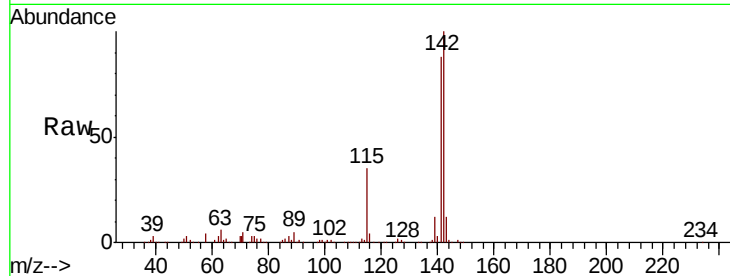




#37
2-Methylnaphthalene
Concen: 38.118 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

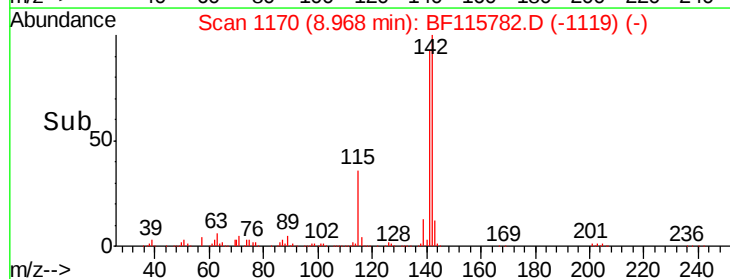
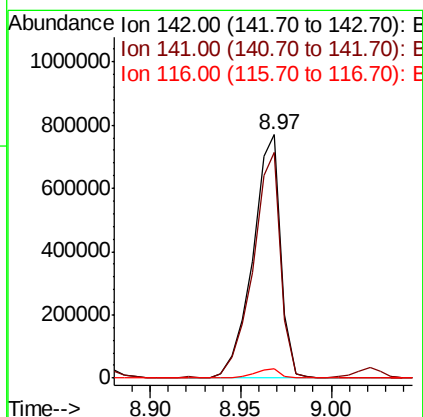
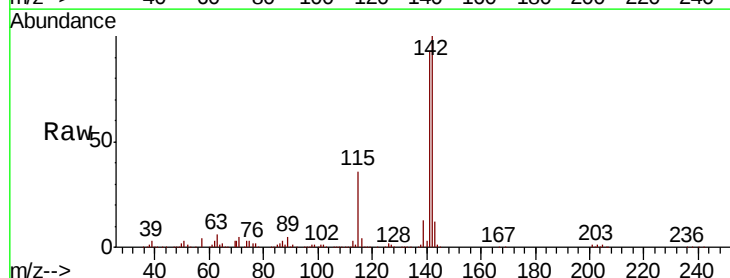
Instrument :
BNA_F
ClientSampleId :

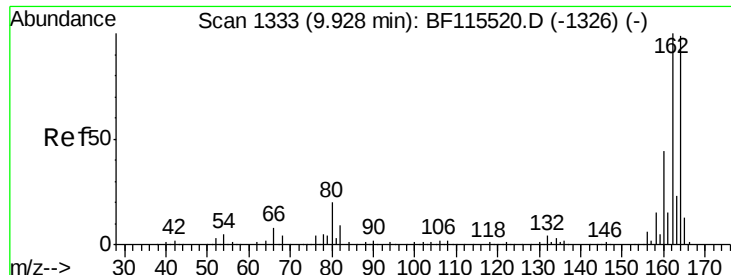
Tot Ion:142 Resp: 884674
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.4
115 35.0 27.7 41.5



#38
1-Methylnaphthalene
Concen: 37.199 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:142 Resp: 820048
Ion Ratio Lower Upper
142 100
141 92.5 73.9 110.9
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

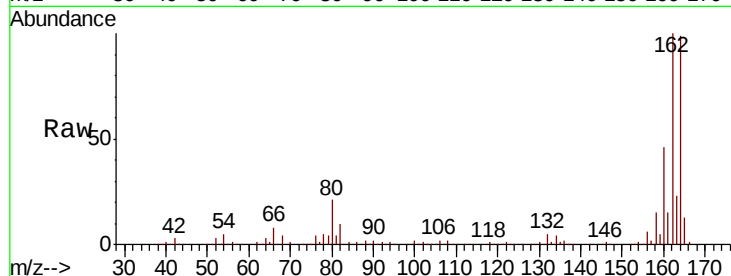
Tot Ion:164 Resp: 364103

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

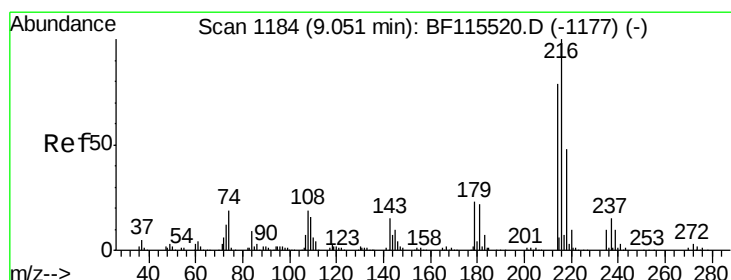
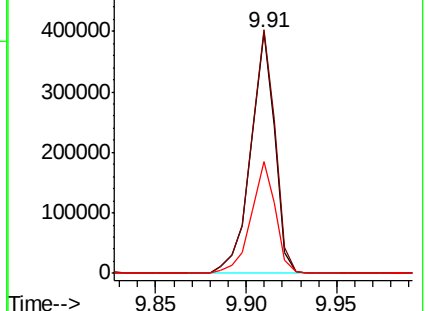
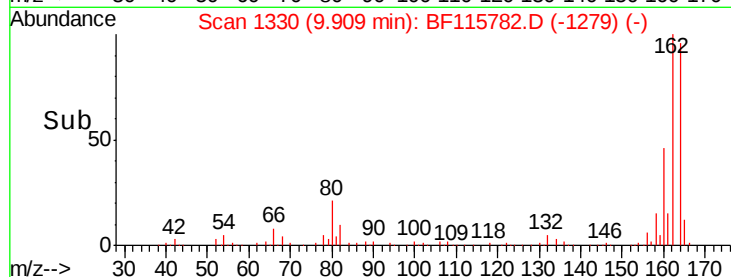
160 46.6 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.245 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:216 Resp: 397408

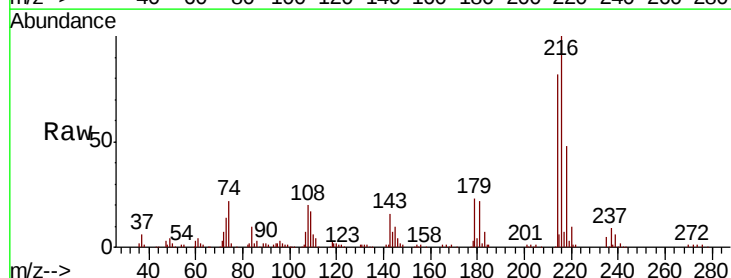
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.6

179 22.2 17.4 26.2

108 20.9 16.6 25.0

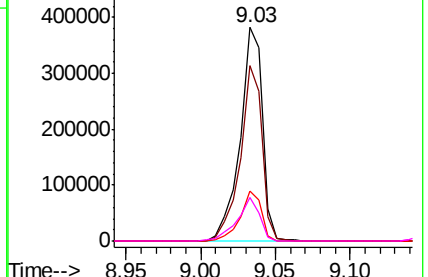
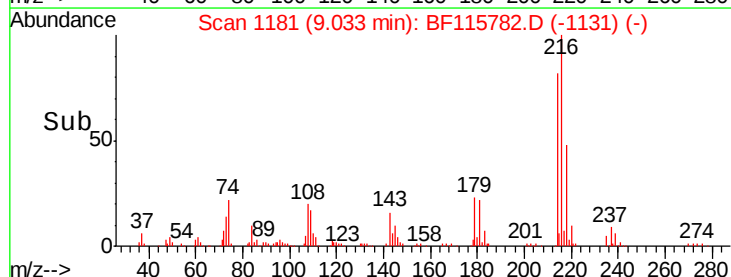


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.903 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

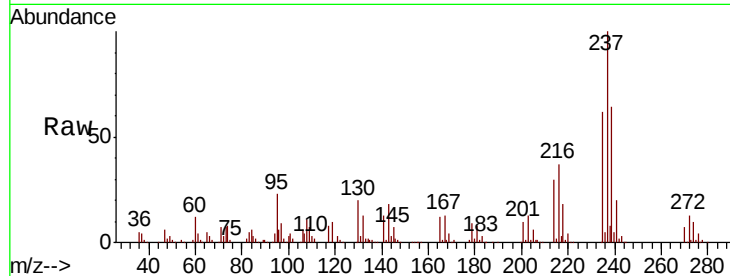
Tot Ion:237 Resp: 249574

Ion Ratio Lower Upper

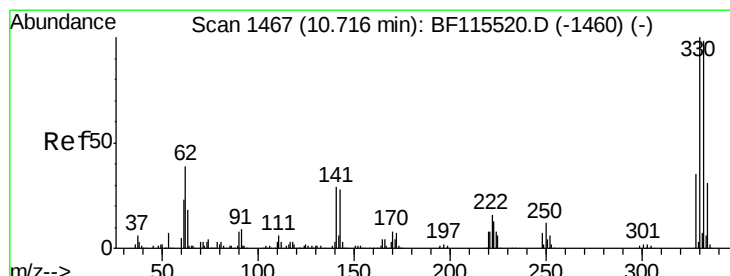
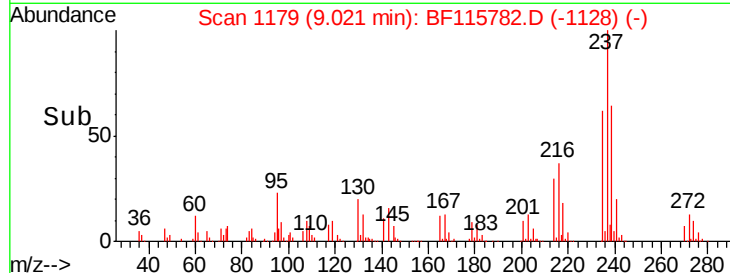
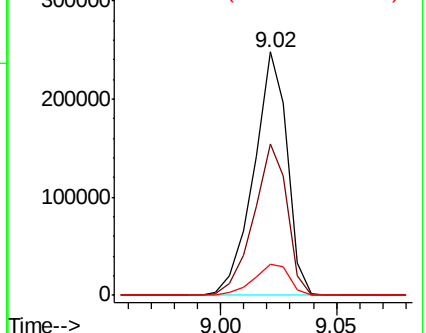
237 100

235 62.3 44.3 84.3

272 13.0 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 93.655 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

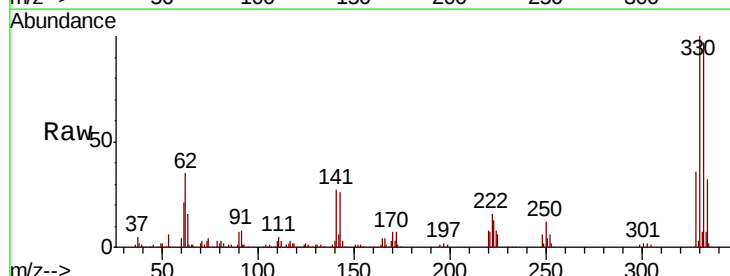
Tgt Ion:330 Resp: 398030

Ion Ratio Lower Upper

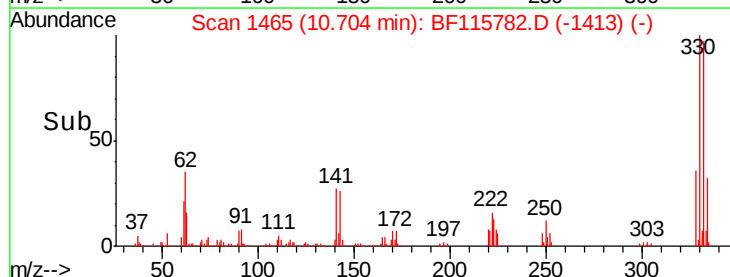
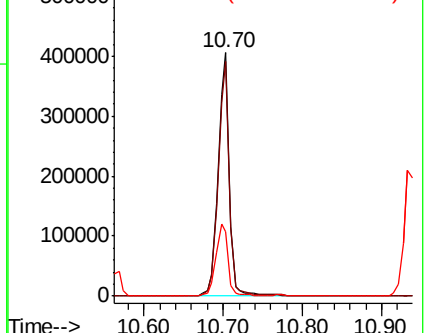
330 100

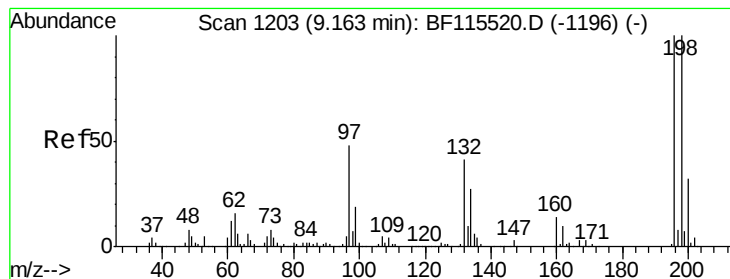
332 97.0 76.1 114.1

141 32.4 25.9 38.9



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





#43

2,4,6-Trichlorophenol

Concen: 33.346 ng

RT: 9.14 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

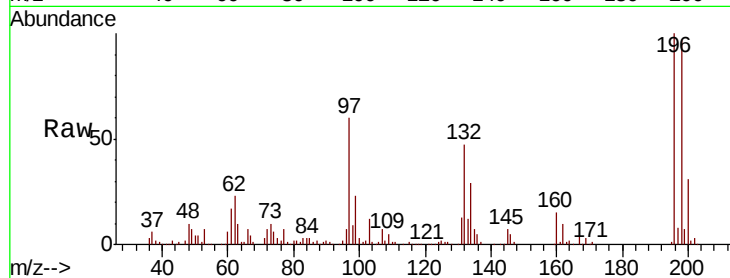
Tot Ion:196 Resp: 267377

Ion Ratio Lower Upper

196 100

198 97.3 79.8 119.6

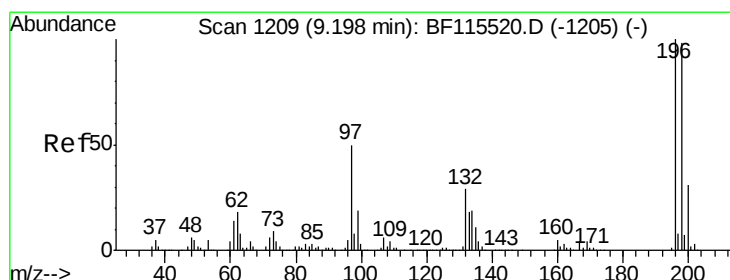
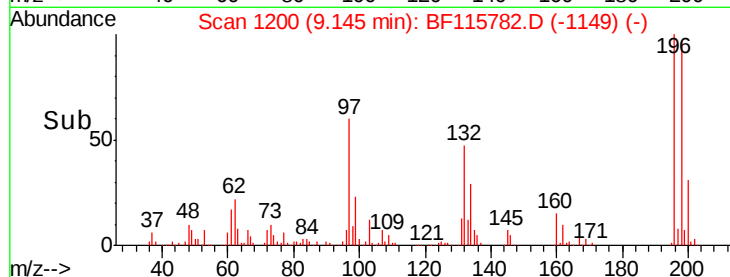
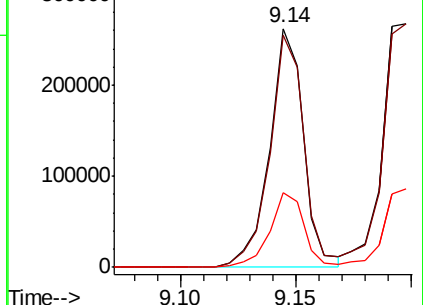
200 31.5 25.4 38.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 34.787 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:196 Resp: 285652

Ion Ratio Lower Upper

196 100

198 100.1 78.2 117.2

97 43.0 41.9 62.9

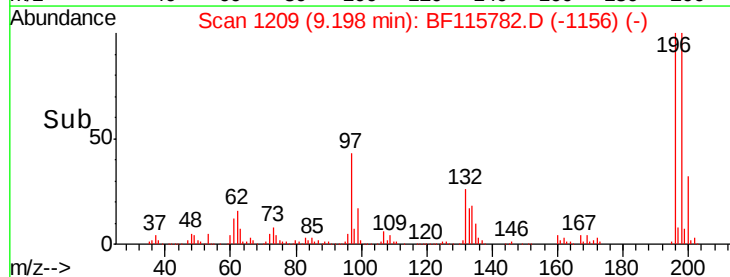
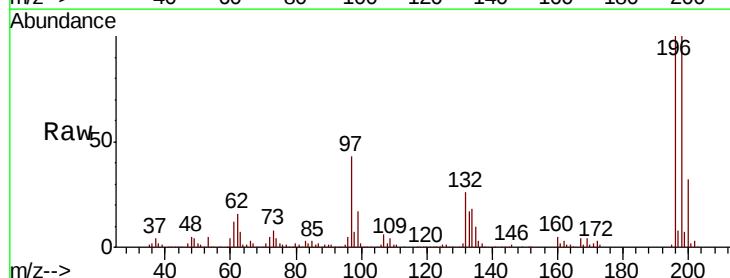
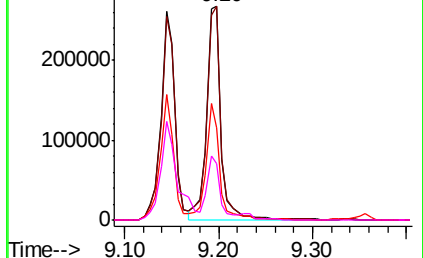
132 26.5 24.1 36.1

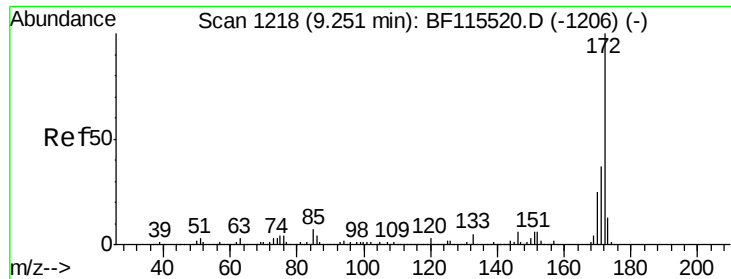
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

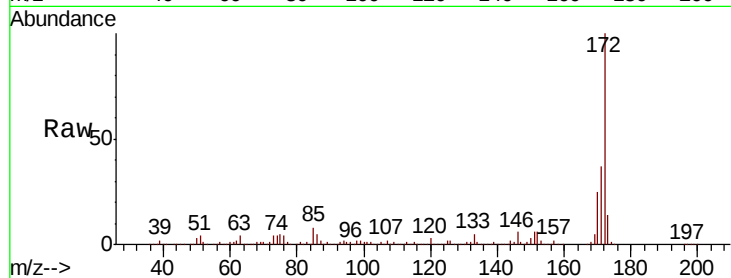




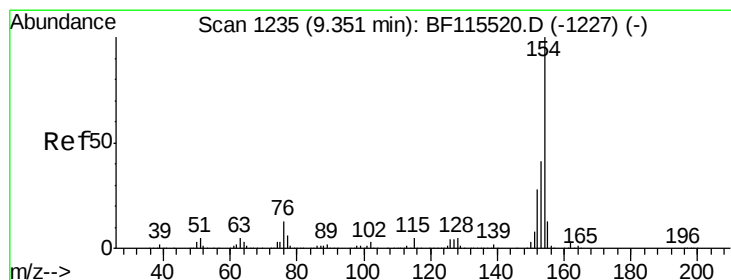
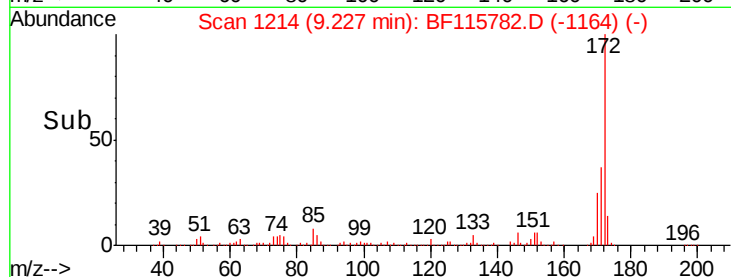
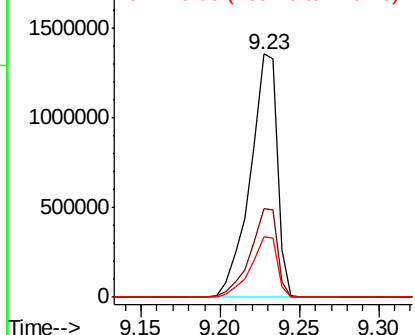
#45
2-Fluorobiphenyl
Concen: 77.659 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1615506
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 24.9 20.1 30.1

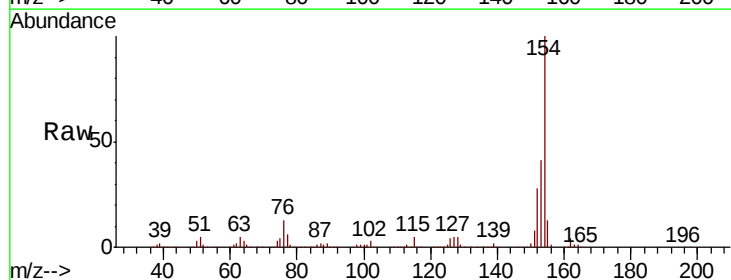


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

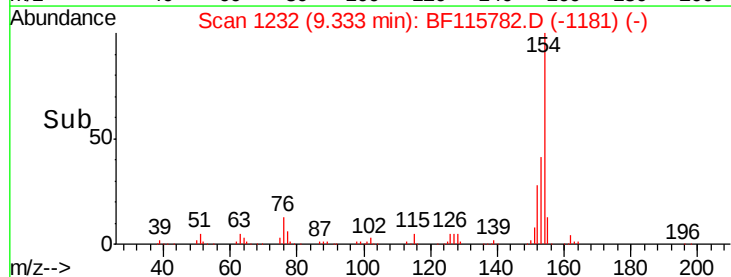
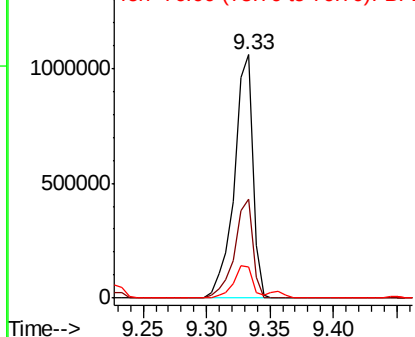


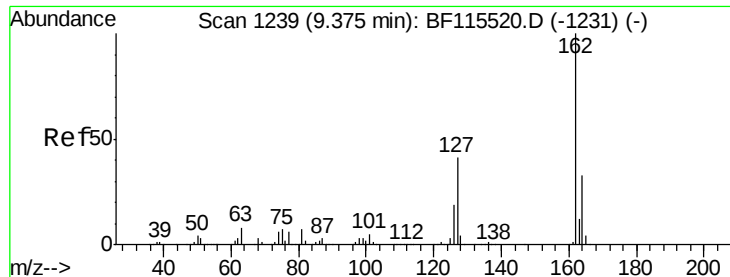
#46
1,1'-Biphenyl
Concen: 37.416 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:154 Resp: 1065057
Ion Ratio Lower Upper
154 100
153 40.8 21.4 61.4
76 12.8 0.0 33.2



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

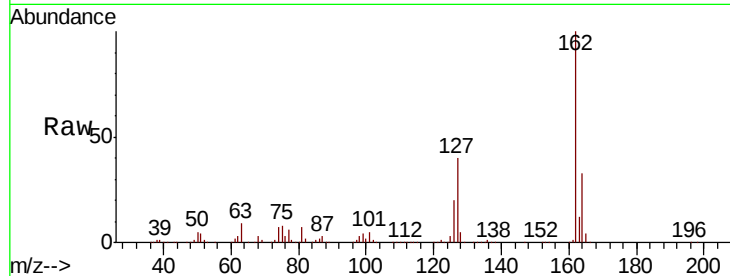




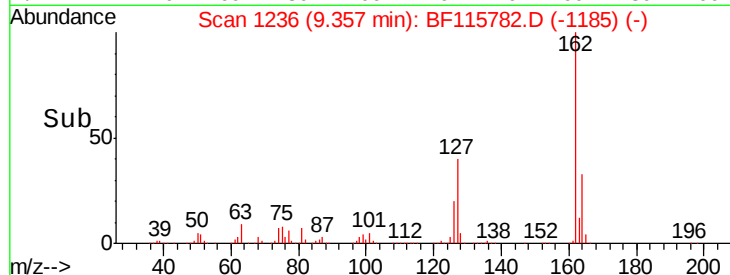
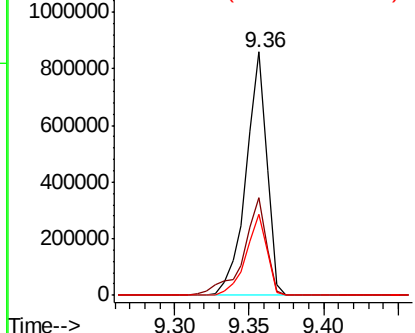
#47
 2-Chloronaphthalene
 Concen: 35.019 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	32.1	48.1
164	33.3	26.2	39.4

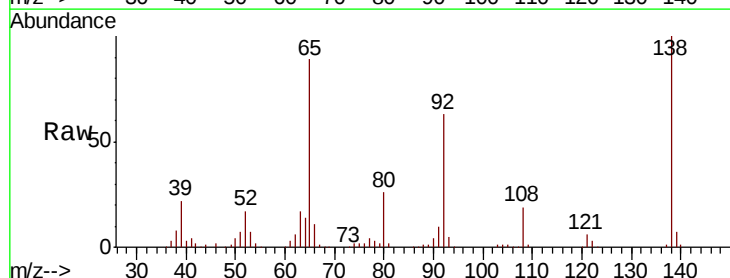


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

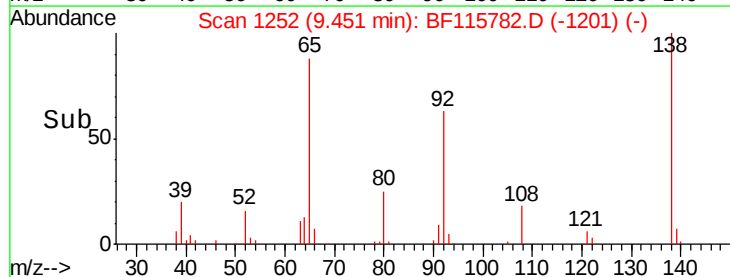
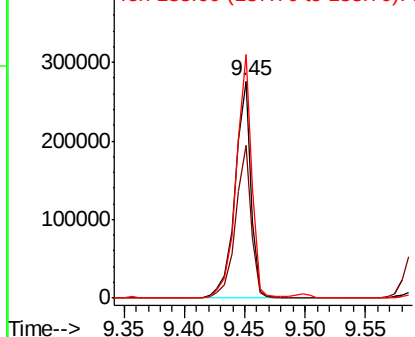


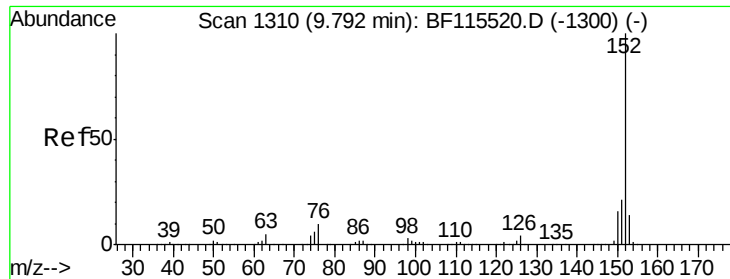
#48
 2-Nitroaniline
 Concen: 34.731 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.9	85.3
138	112.2	91.4	137.2



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





#49

Acenaphthylene

Concen: 35.549 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

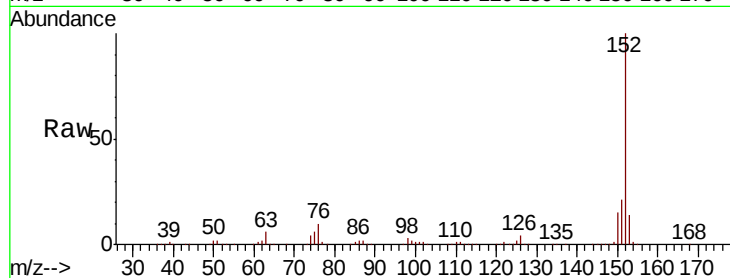
Tot Ion:152 Resp: 1248495

Ion Ratio Lower Upper

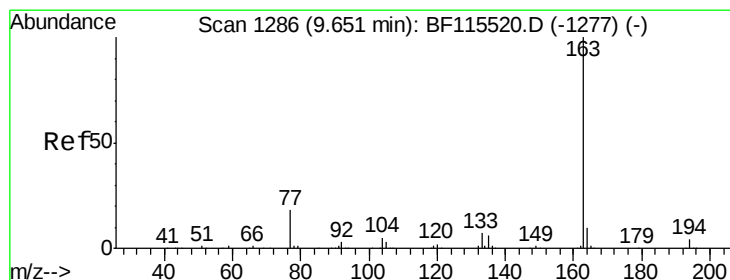
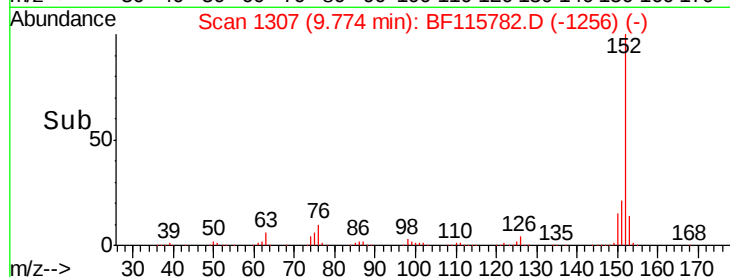
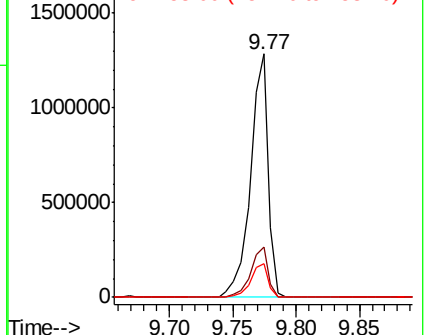
152 100

151 20.8 16.9 25.3

153 13.9 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.433 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

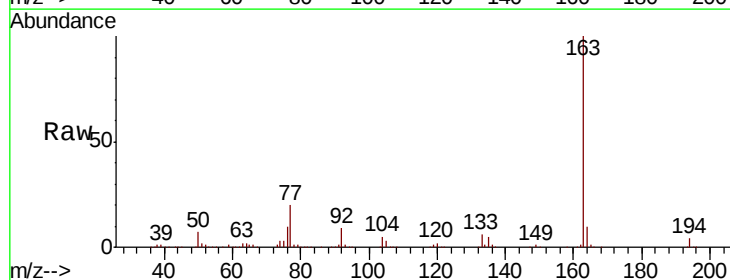
Tgt Ion:163 Resp: 970642

Ion Ratio Lower Upper

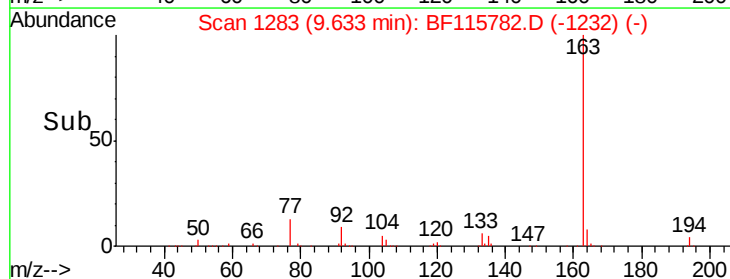
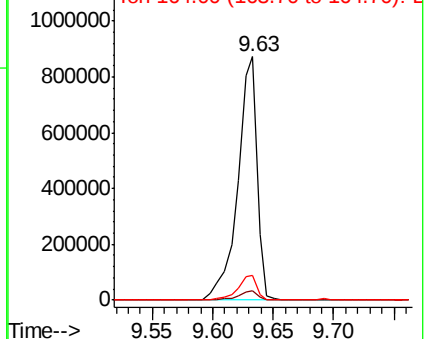
163 100

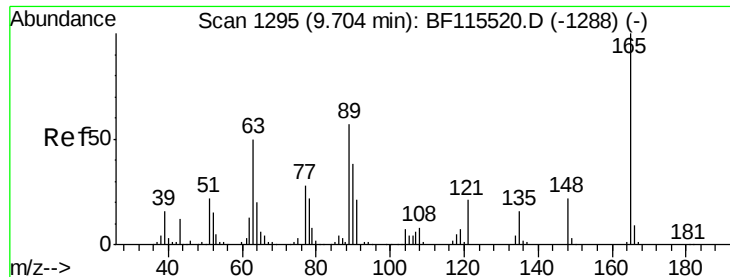
194 3.8 3.2 4.8

164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.512 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampled :

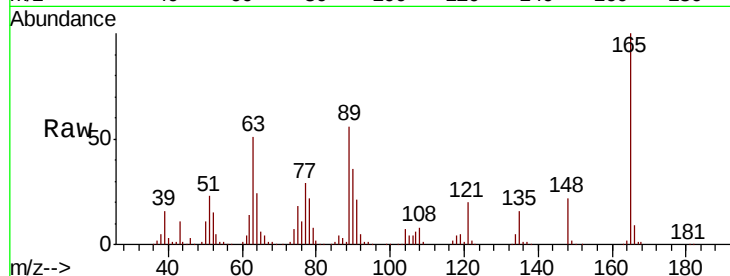
Tot Ion:165 Resp: 214851

Ion Ratio Lower Upper

165 100

63 51.3 43.5 65.3

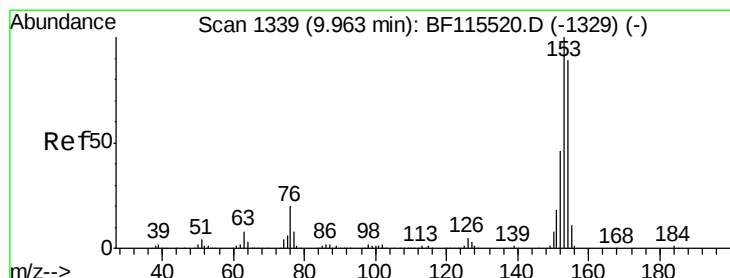
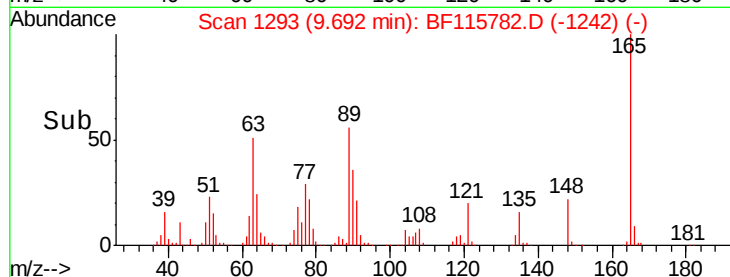
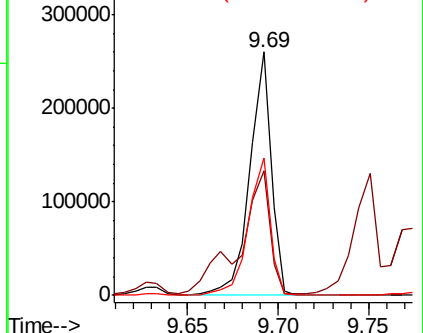
89 56.2 46.3 69.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 33.693 ng

RT: 9.94 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

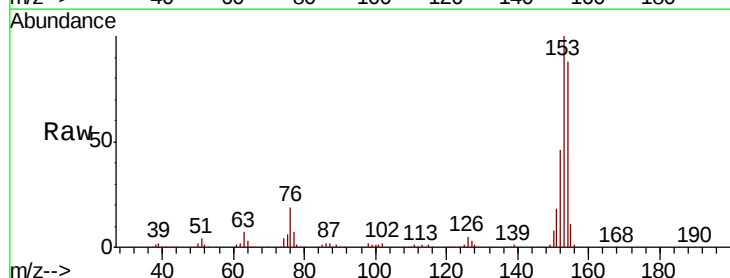
Tgt Ion:154 Resp: 763956

Ion Ratio Lower Upper

154 100

153 113.6 88.1 132.1

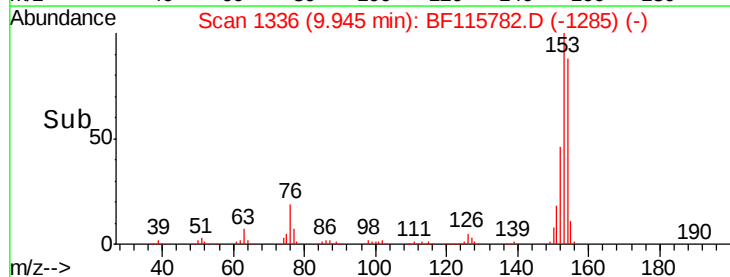
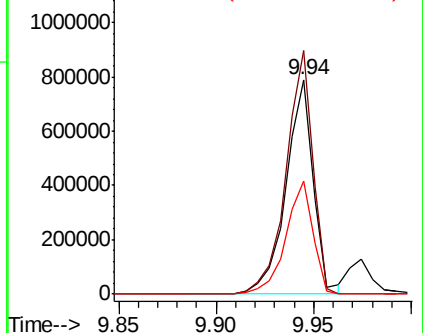
152 52.8 42.0 63.0

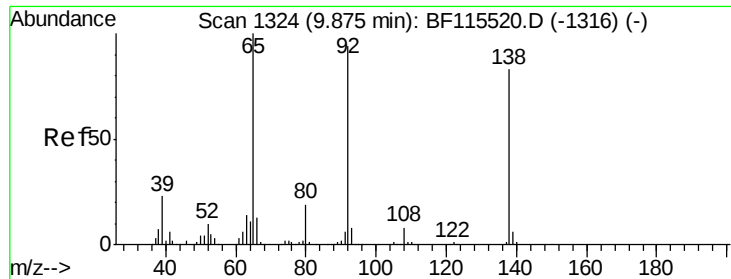


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

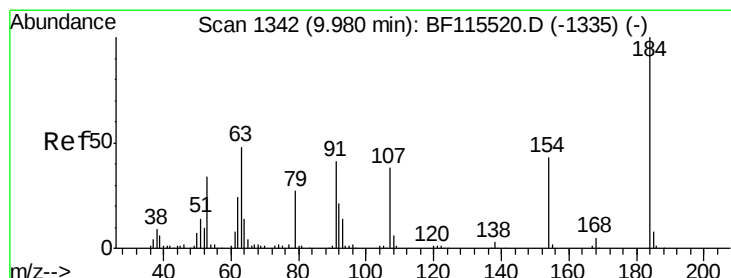
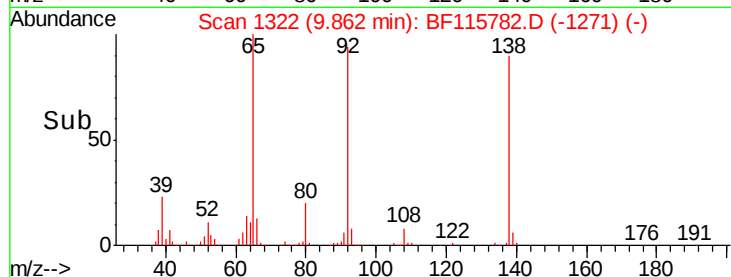
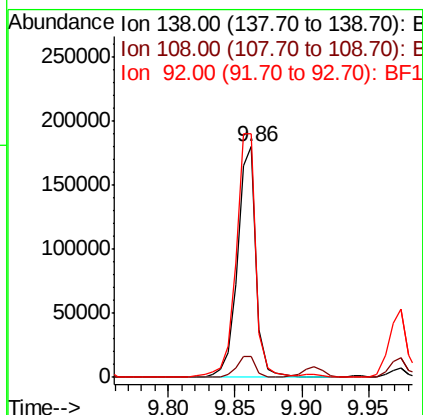
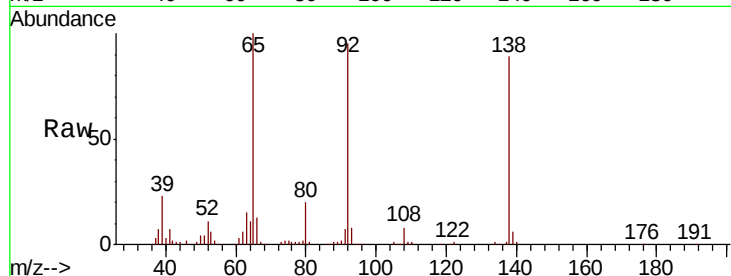




#53
 3-Nitroaniline
 Concen: 24.801 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

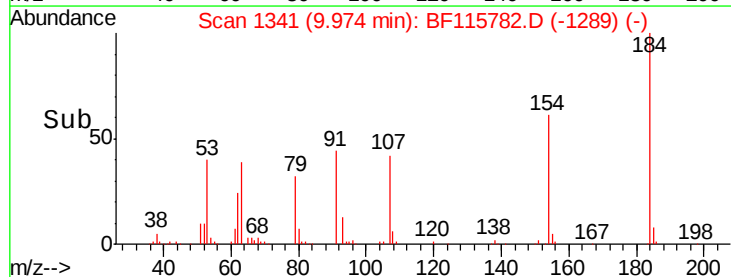
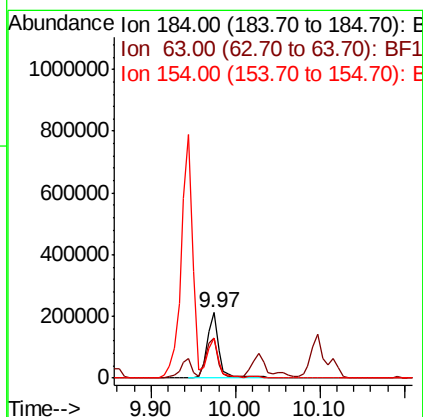
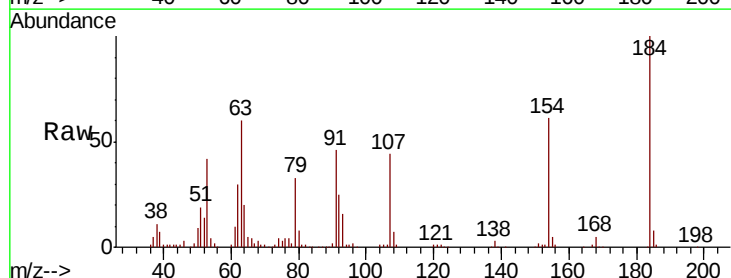
Instrument :
 BNA_F
 ClientSampleId :

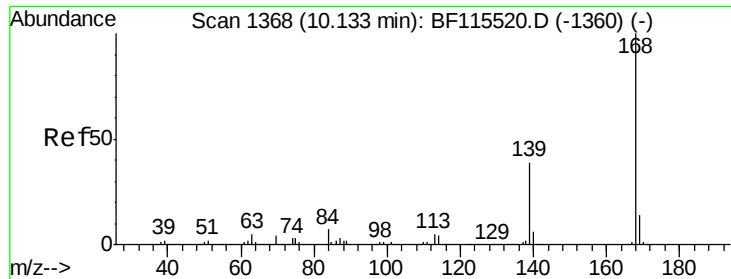
Tot Ion:138 Resp: 176439
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.9 11.9
 92 105.7 87.2 130.8



#54
 2,4-Dinitrophenol
 Concen: 64.769 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion:184 Resp: 207020
 Ion Ratio Lower Upper
 184 100
 63 60.4 55.2 82.8
 154 60.9 51.4 77.0





#55

Dibenzenofuran

Concen: 34.929 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

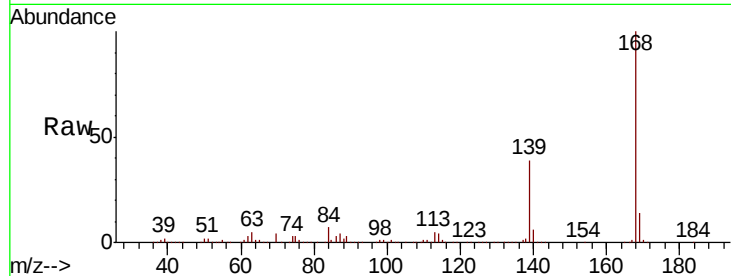
Tot Ion:168 Resp: 1124710

Ion Ratio Lower Upper

168 100

139 39.5 31.4 47.2

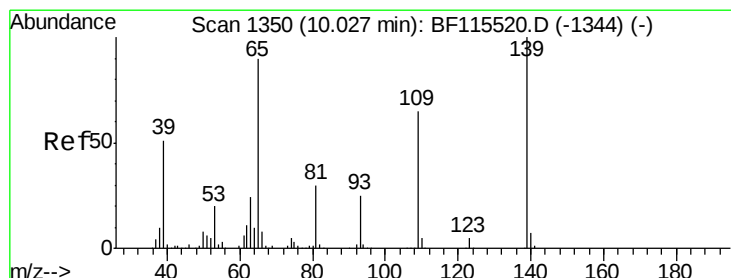
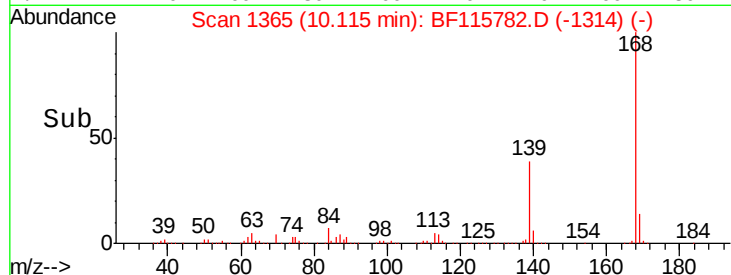
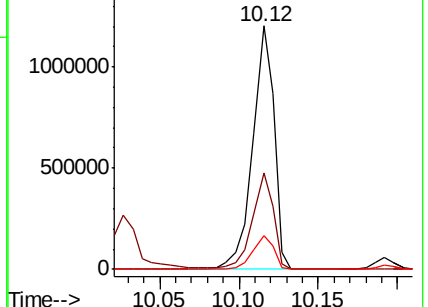
169 14.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 57.140 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

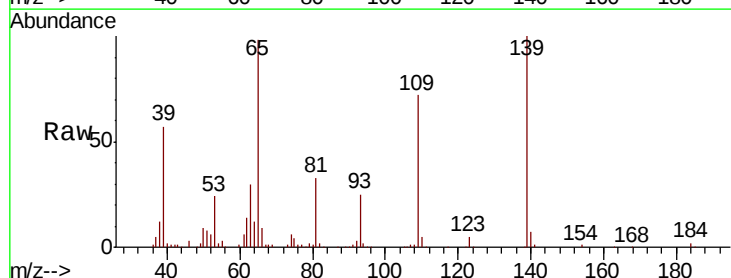
Tgt Ion:139 Resp: 309981

Ion Ratio Lower Upper

139 100

109 72.1 51.2 91.2

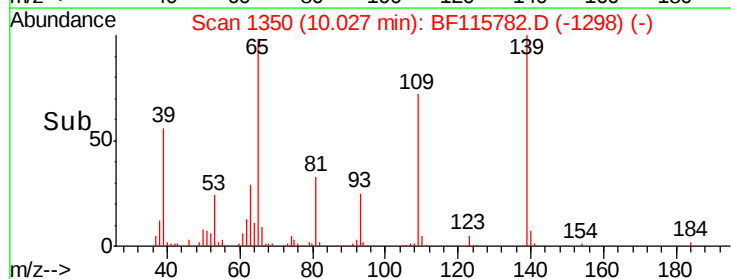
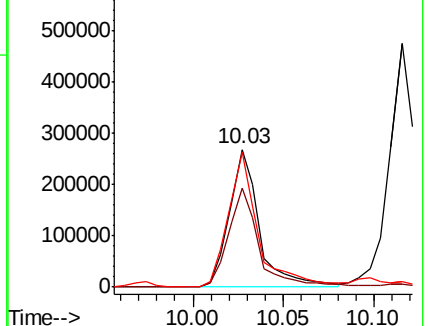
65 97.7 76.0 116.0

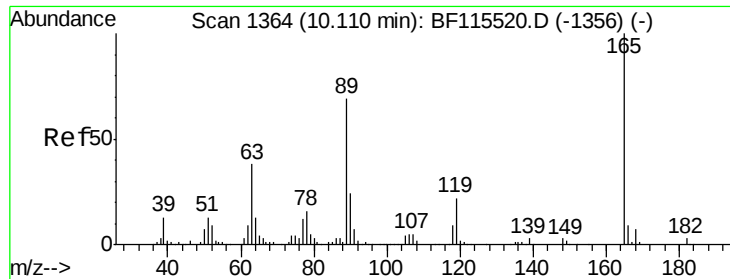


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

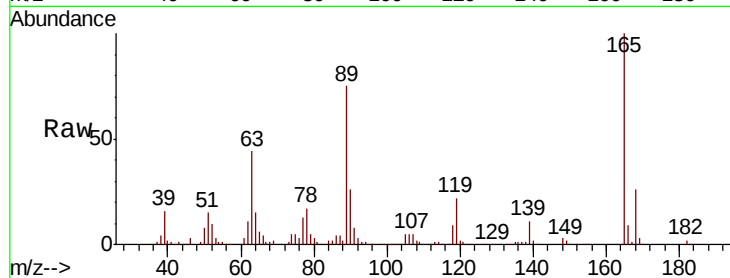




#57
2,4-Dinitrotoluene
Concen: 35.174 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.4	50.2
89	75.2	57.3	85.9
182	2.4	2.1	3.1



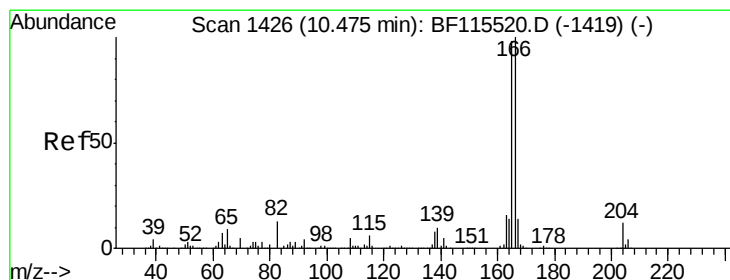
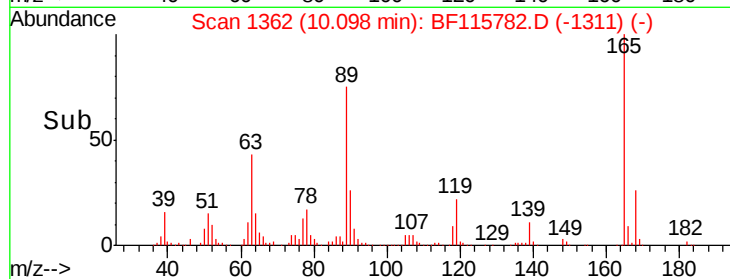
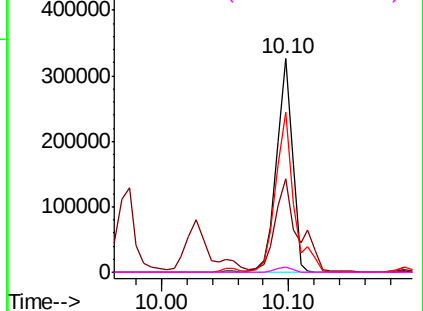
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

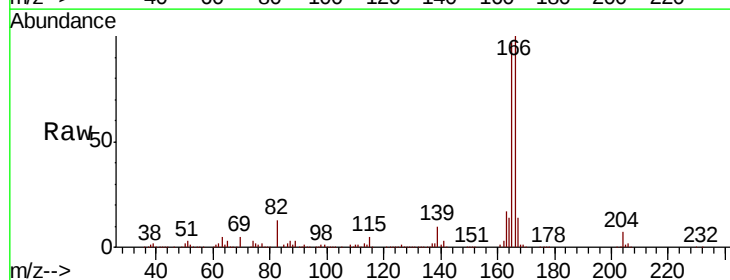
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.206 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	14.0	11.0	16.6

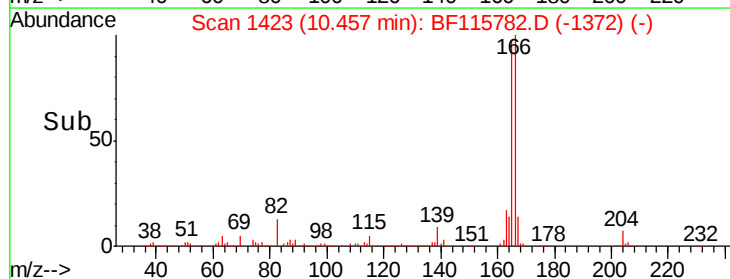
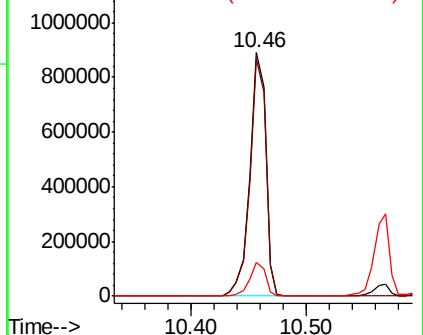


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

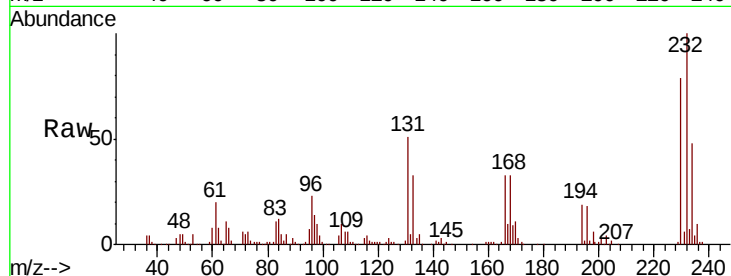




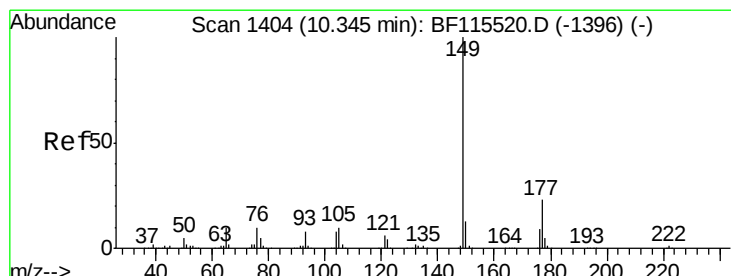
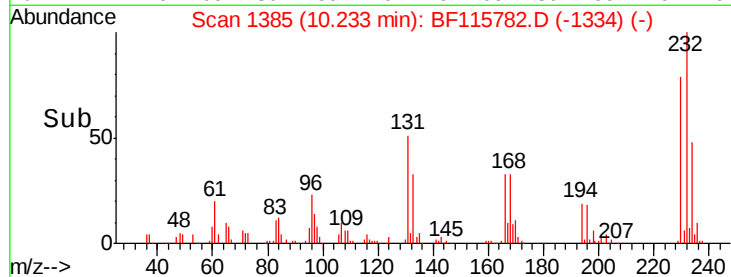
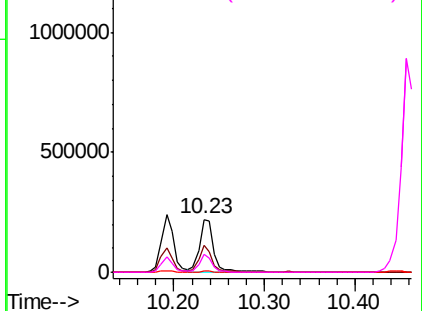
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.626 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	35.8	53.8
130	2.2	1.8	2.6
166	29.3	23.6	35.4

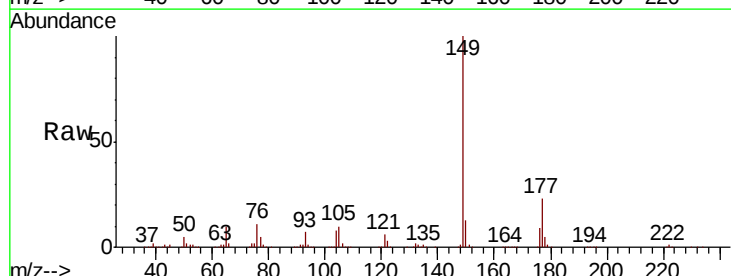


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

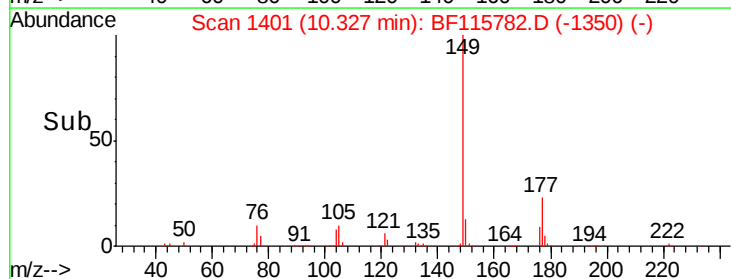
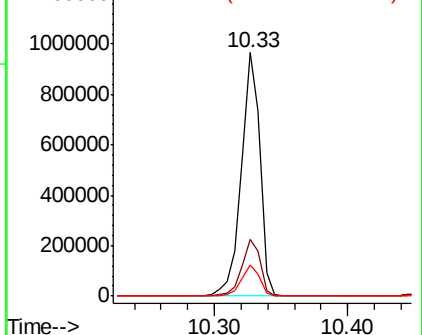


#60
Diethylphthalate
Concen: 36.332 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.0	28.4
150	12.9	10.5	15.7



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

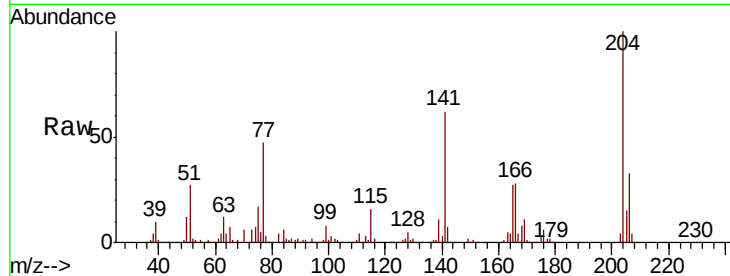




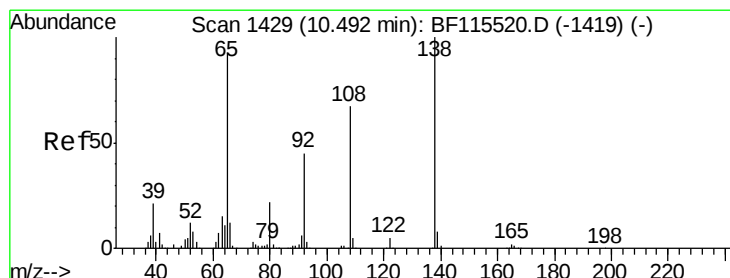
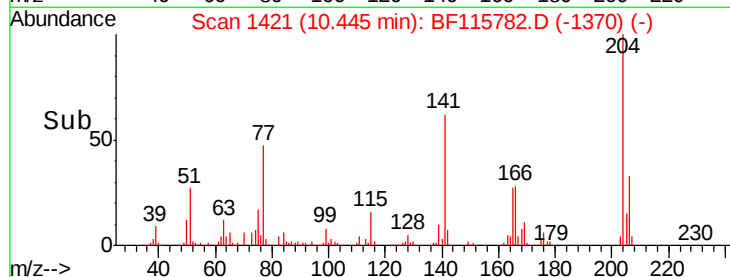
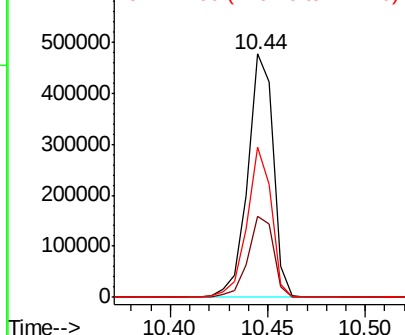
#61
 4-Chlorophenyl-phenylether
 Concen: 33.823 ng
 RT: 10.44 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 431759
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.2 39.2
 141 61.9 47.3 70.9

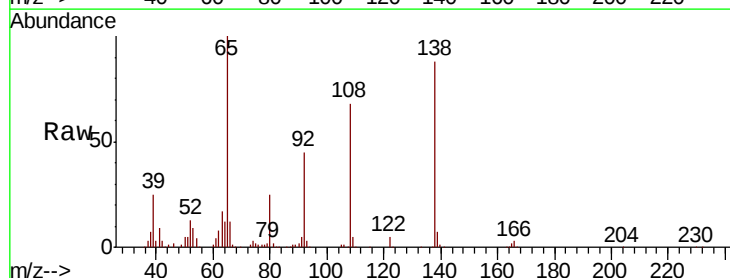


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

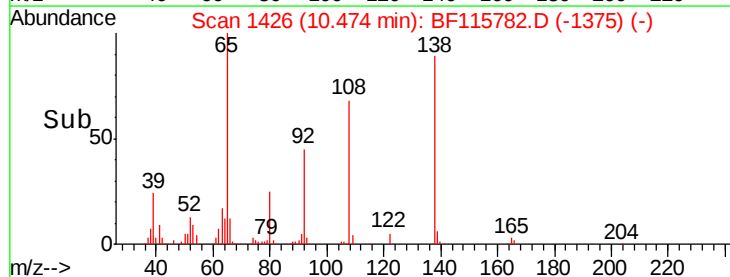
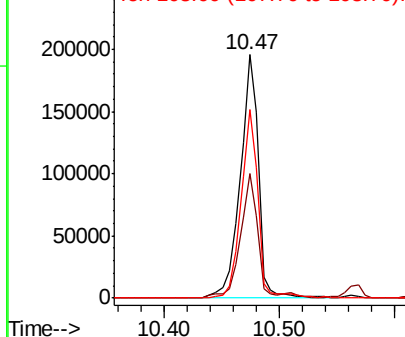


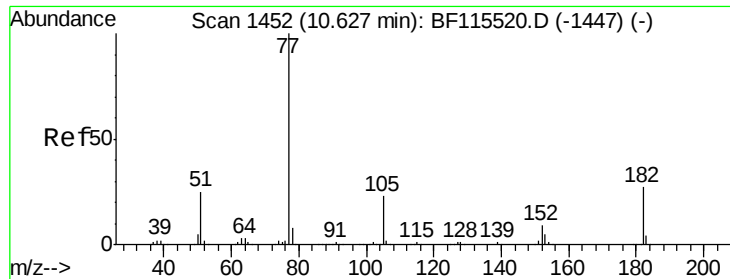
#62
 4-Nitroaniline
 Concen: 31.499 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion:138 Resp: 214950
 Ion Ratio Lower Upper
 138 100
 92 51.1 30.3 70.3
 108 77.3 55.0 95.0



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





#63

Azobenzene

Concen: 38.021 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 946579

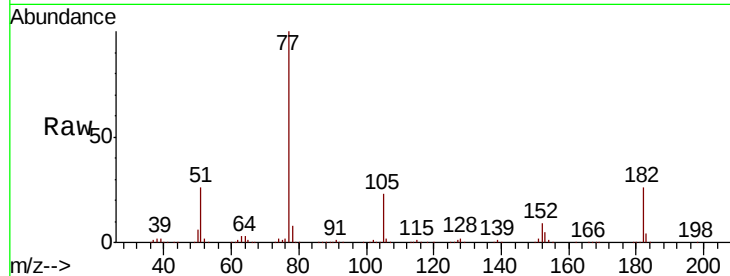
Ion Ratio Lower Upper

77 100

182 26.0 6.9 46.9

105 22.8 3.1 43.1

51 25.9 6.7 46.7

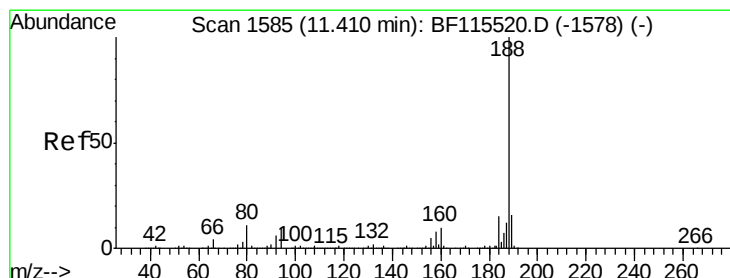
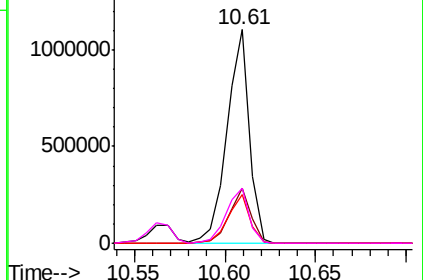
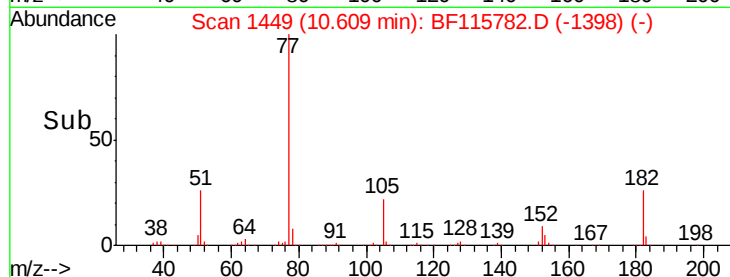


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

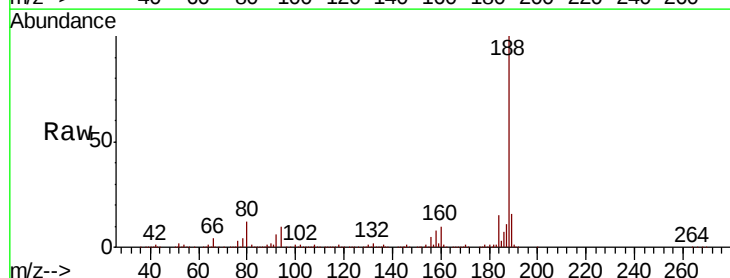
Tgt Ion: 188 Resp: 664125

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

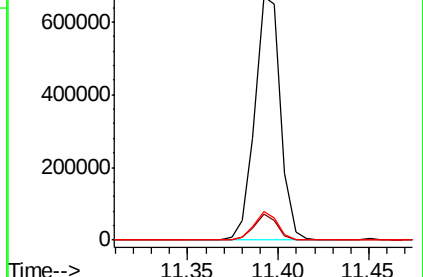
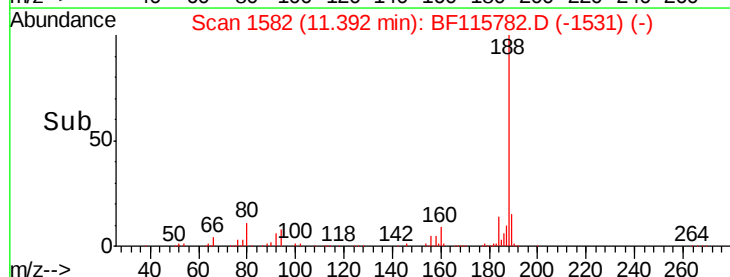
80 11.5 9.0 13.6



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

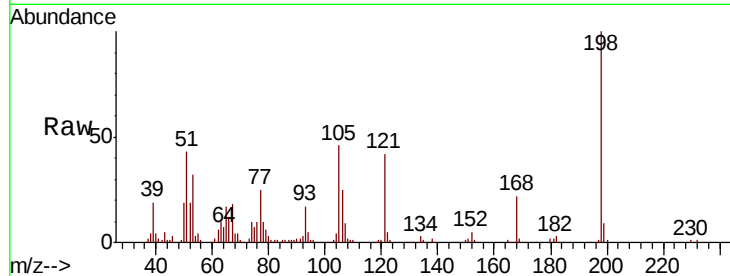




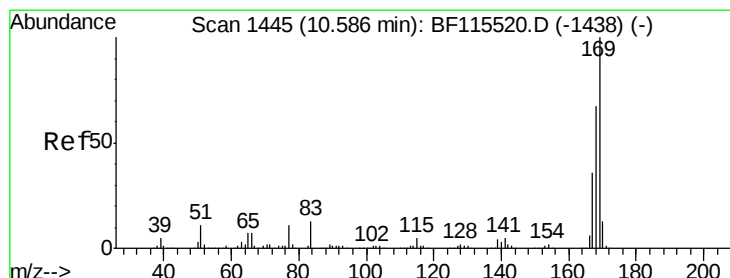
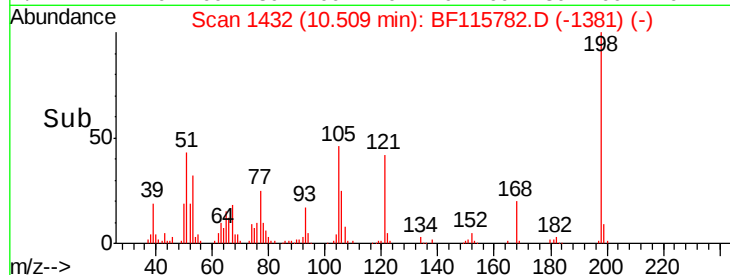
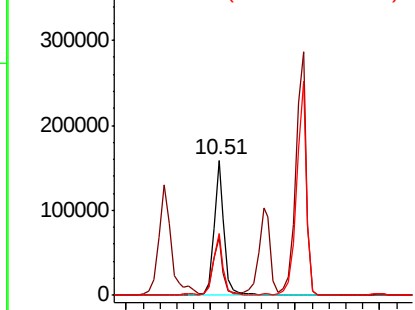
#65
4,6-Dinitro-2-methylphenol
Concen: 33.646 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 136523
Ion Ratio Lower Upper
198 100
51 42.6 20.3 60.3
105 45.7 24.7 64.7

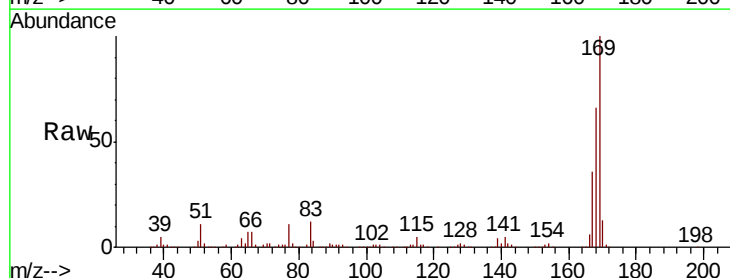


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

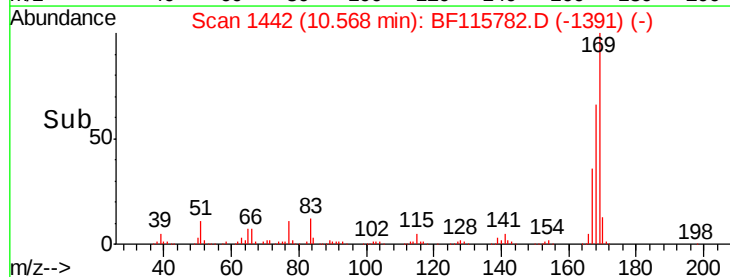
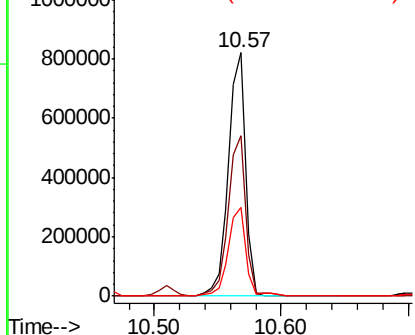


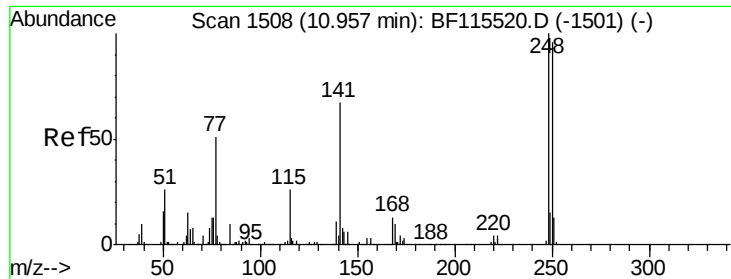
#66
n-Nitrosodiphenylamine
Concen: 37.087 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:169 Resp: 766170
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.5 29.1 43.7



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

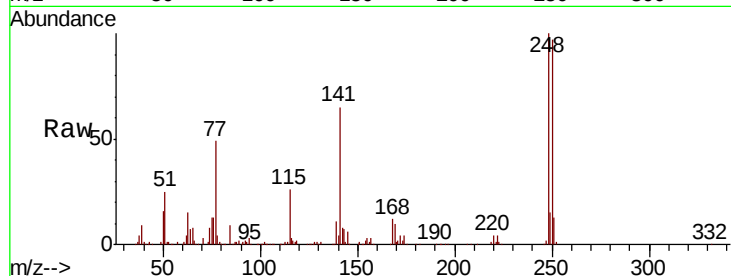




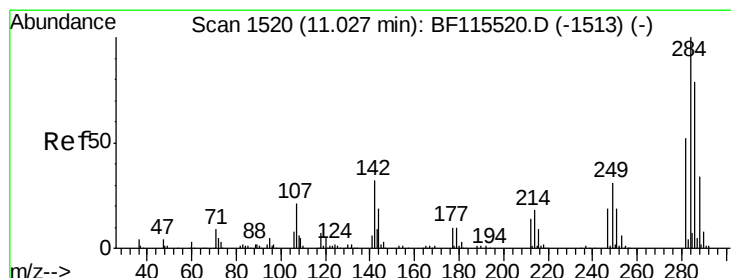
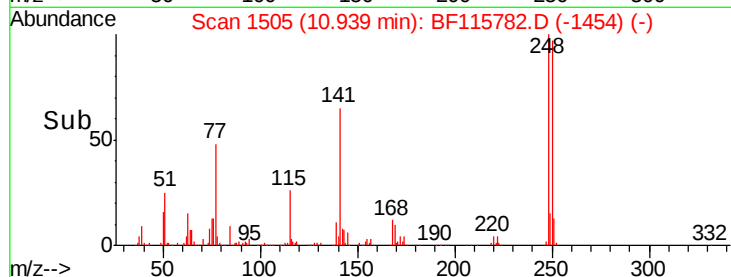
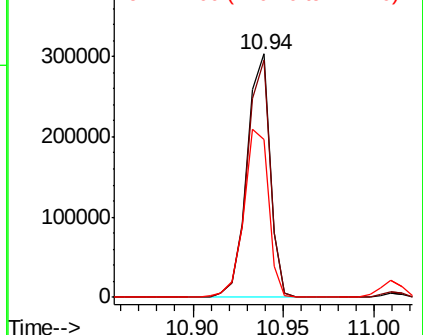
#67
4-Bromophenyl-phenylether
Concen: 35.536 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 269694
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 65.0 52.1 78.1

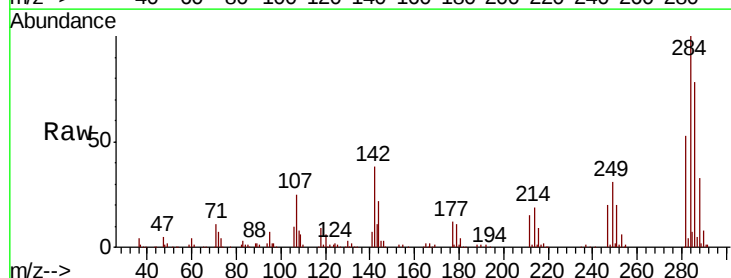


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

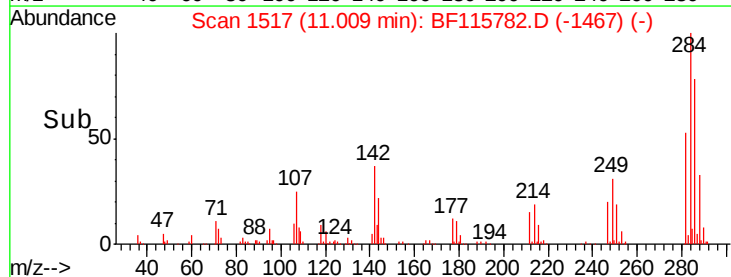
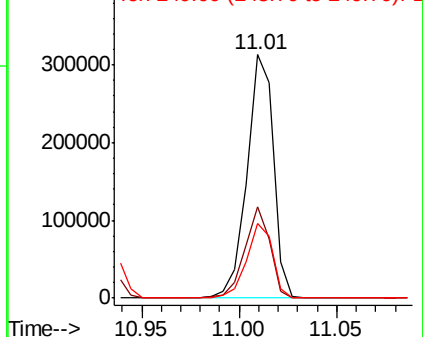


#68
Hexachlorobenzene
Concen: 34.062 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:284 Resp: 295216
Ion Ratio Lower Upper
284 100
142 37.6 21.8 32.8#
249 30.7 23.1 34.7



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

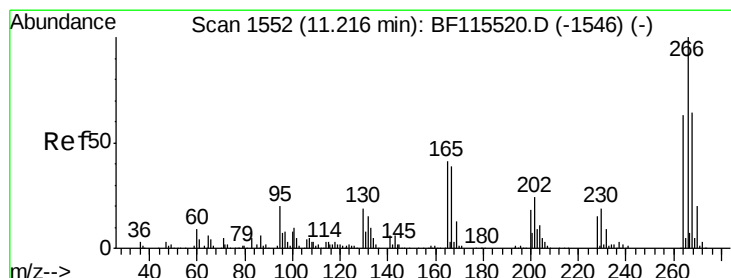
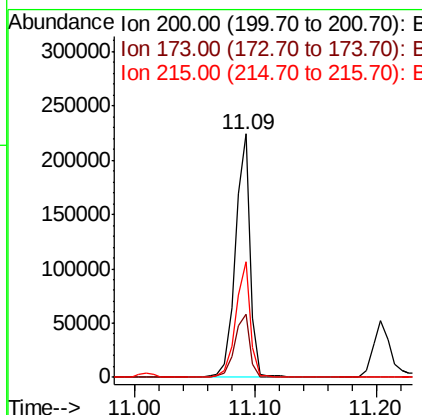
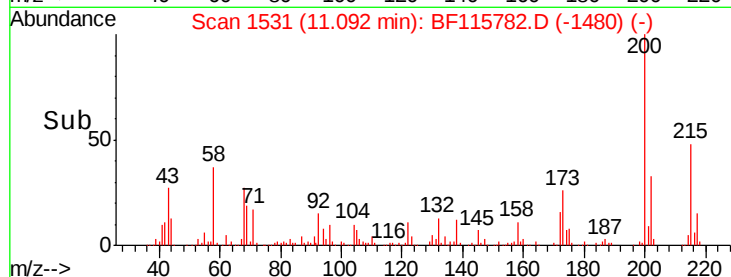
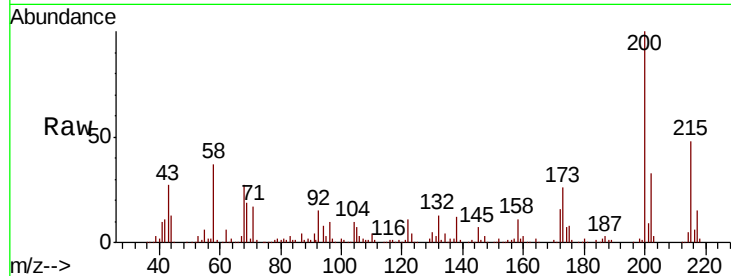




#69
 Atrazine
 Concen: 28.215 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

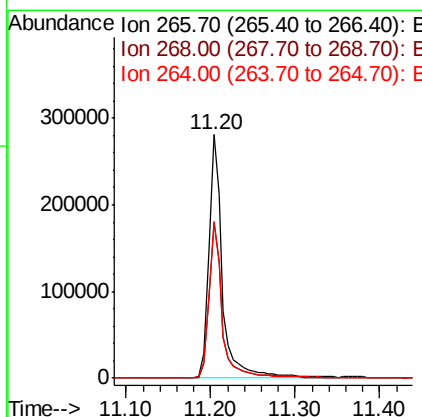
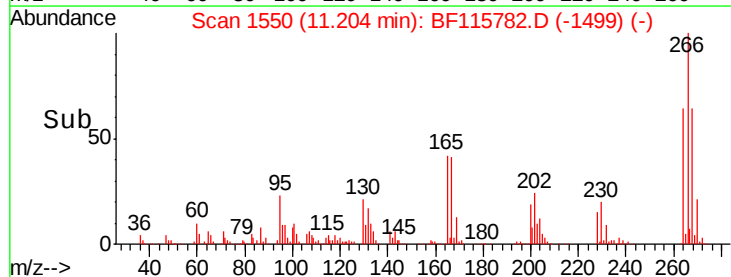
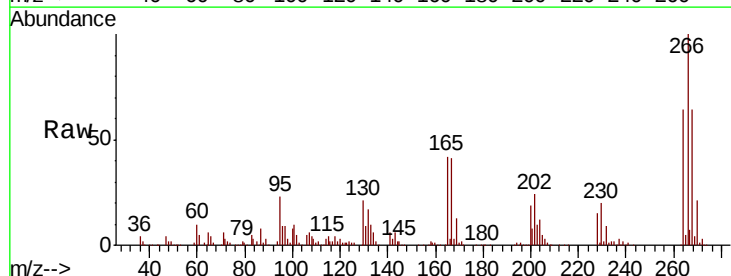
Instrument :
 BNA_F
 ClientSampleId :

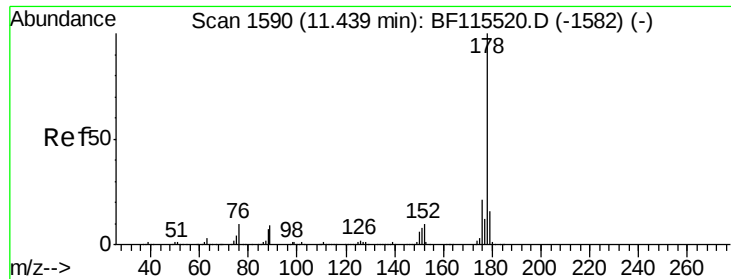
Tot Ion:200 Resp: 191220
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.9 46.9
 215 47.7 26.6 66.6



#70
 Pentachlorophenol
 Concen: 60.135 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion:266 Resp: 318775
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 64.5 50.0 75.0





#71

Phenanthrene

Concen: 36.515 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

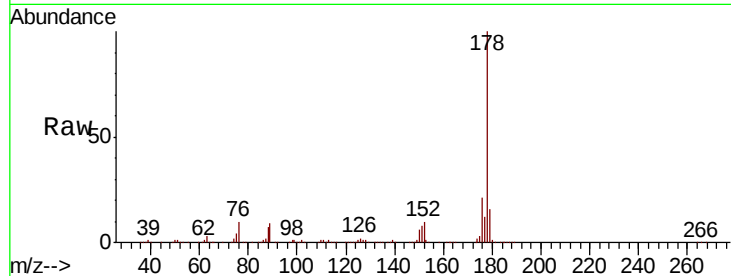
Tot Ion:178 Resp: 1243055

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

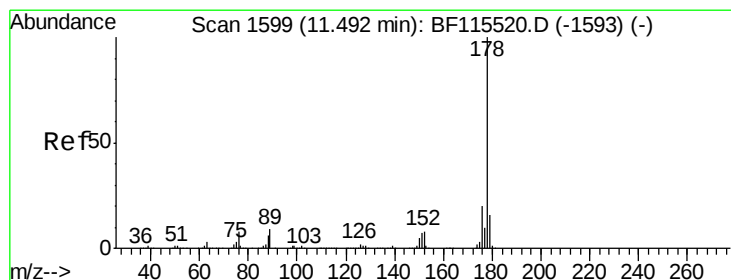
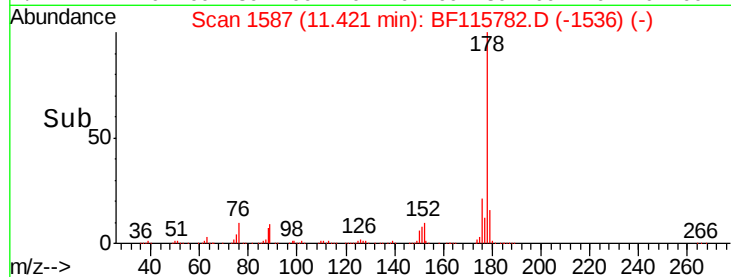
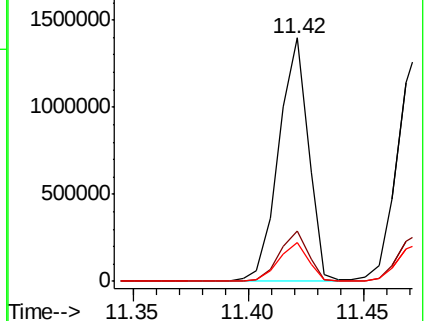
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.383 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

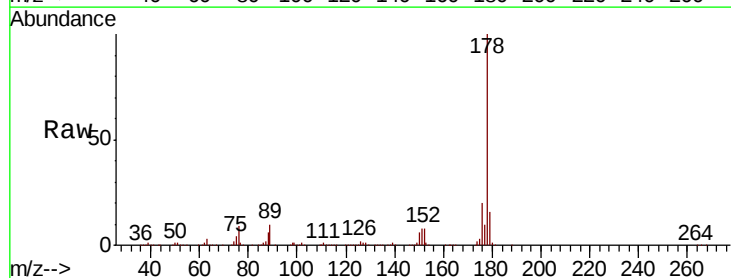
Tgt Ion:178 Resp: 1244835

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

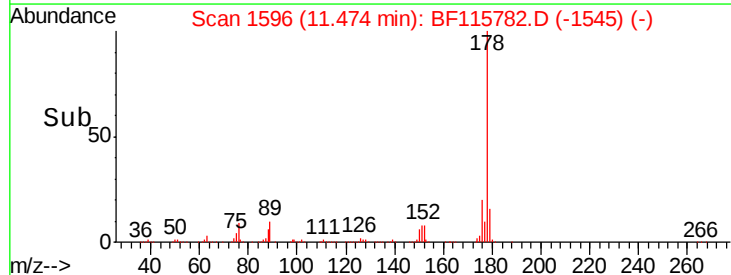
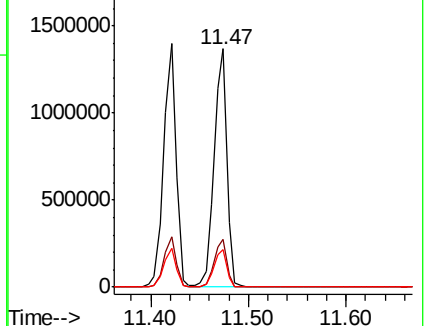
179 15.9 12.6 18.8

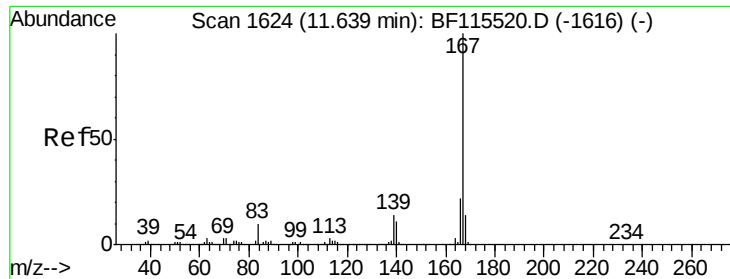


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

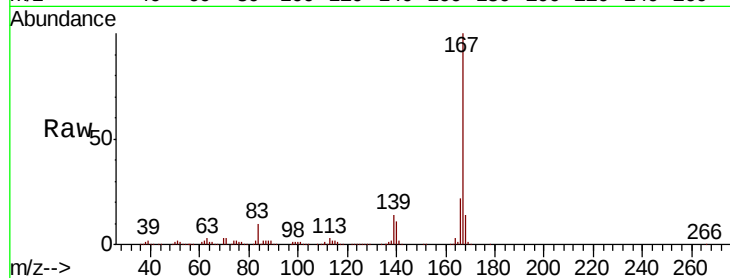




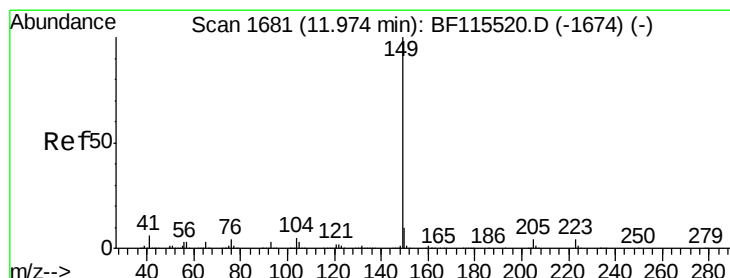
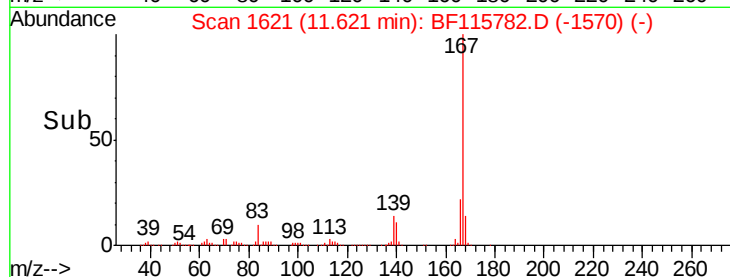
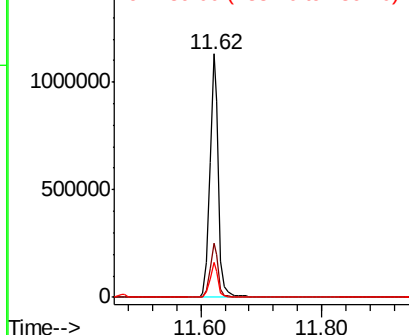
#73
 Carbazole
 Concen: 36.337 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1121060
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.1 11.1 16.7

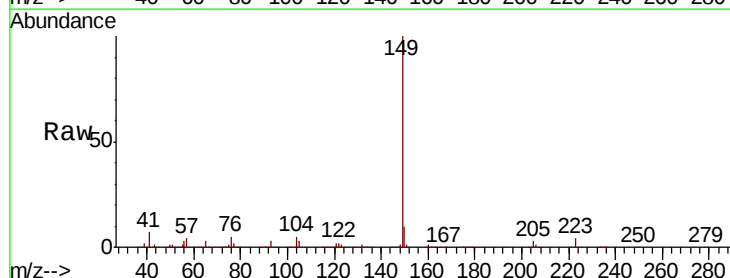


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

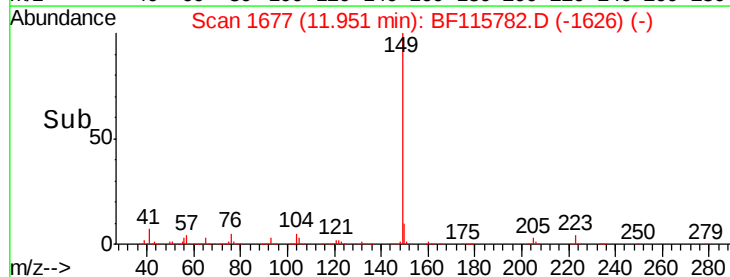
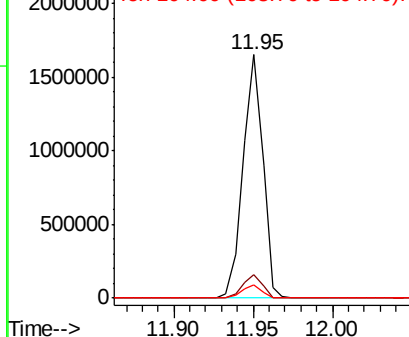


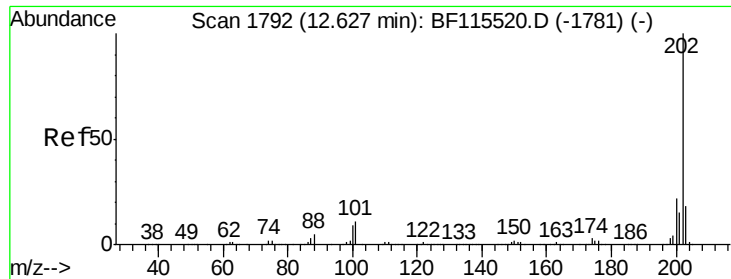
#74
 Di-n-butylphthalate
 Concen: 37.634 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion:149 Resp: 1430168
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.2 4.3 6.5



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

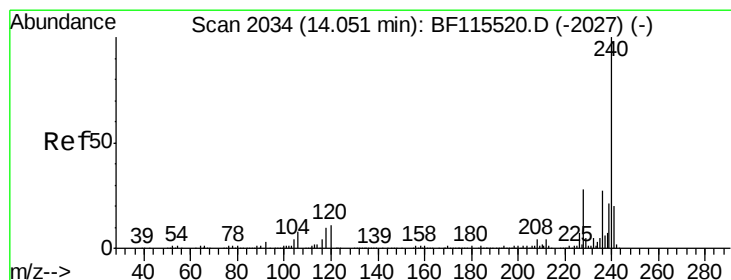
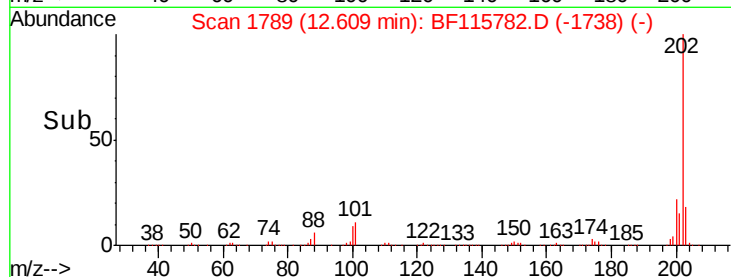
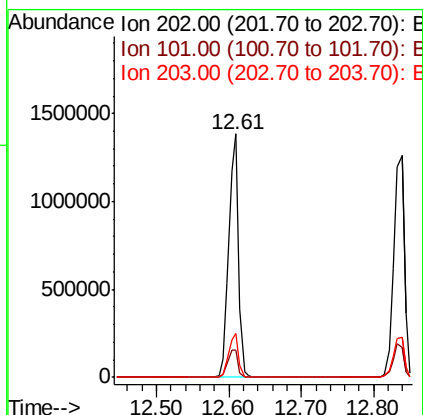
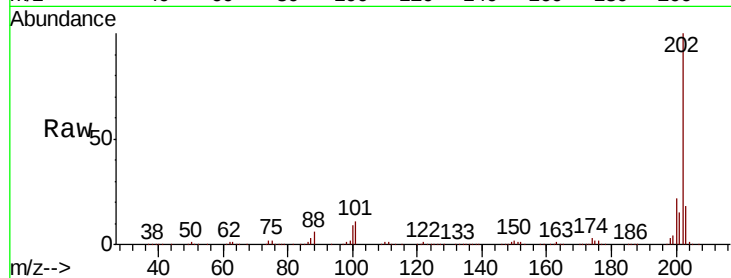




#75
 Fluoranthene
 Concen: 35.909 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

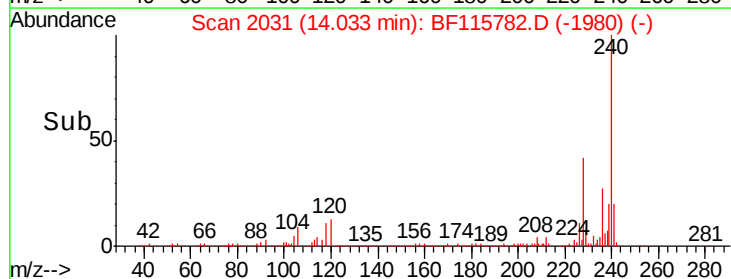
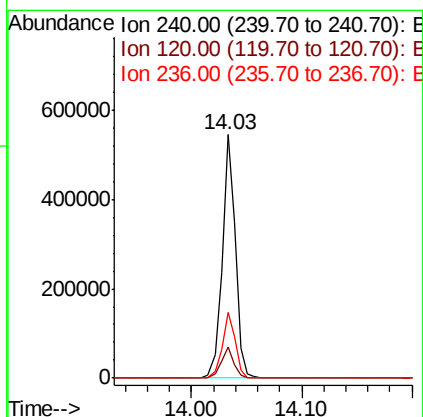
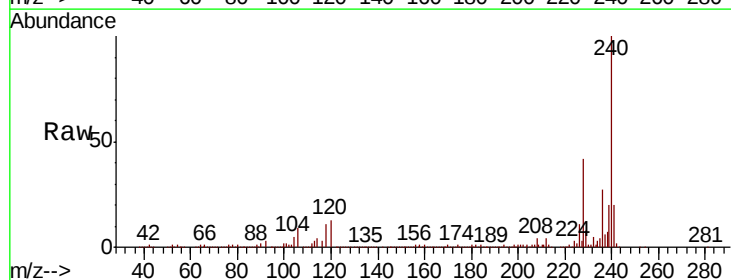
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1291790
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.6
 203 18.1 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF115782.D
 Acq: 26 Jul 2019 12:21

Tgt Ion:240 Resp: 450113
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.0 15.0
 236 27.2 21.8 32.6





#77

Benzidine

Concen: 10.297 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

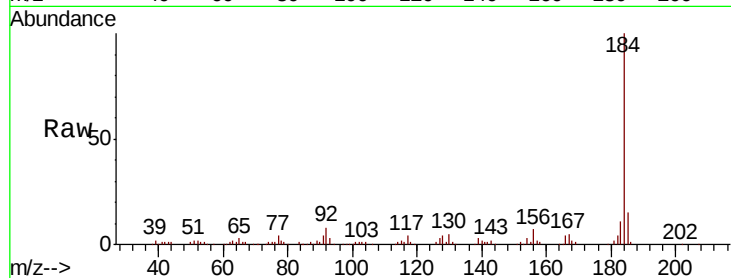
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 164196

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.5	18.7
183	11.2	9.2	13.8

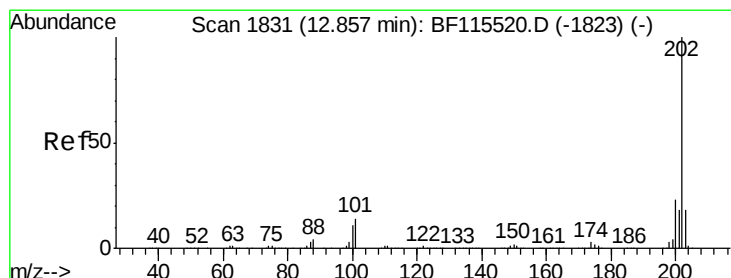
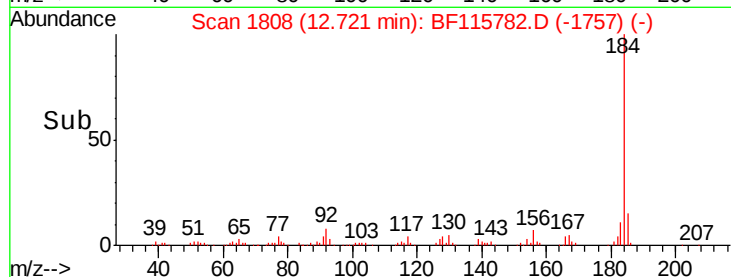
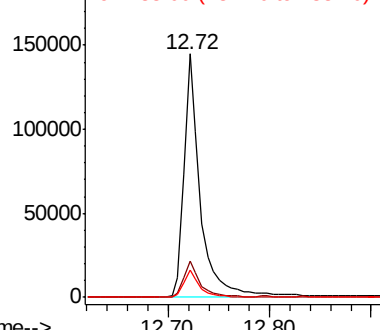


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.123 ng

RT: 12.84 min Scan# 1828

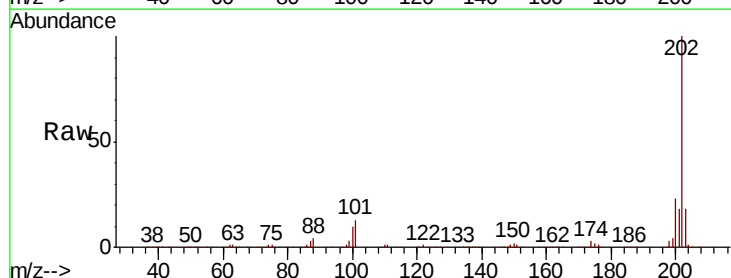
Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Tgt Ion:202 Resp: 1301271

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.4
203	17.8	14.6	21.8

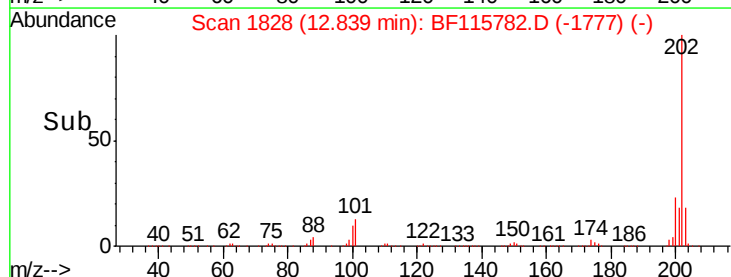
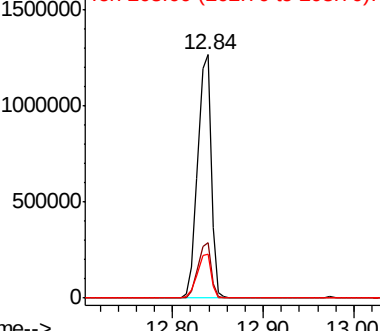


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.801 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

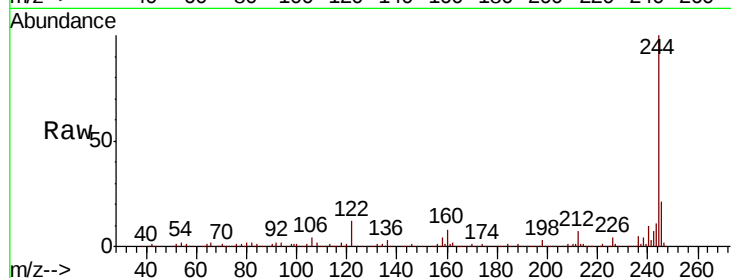
Tot Ion:244 Resp: 1653936

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

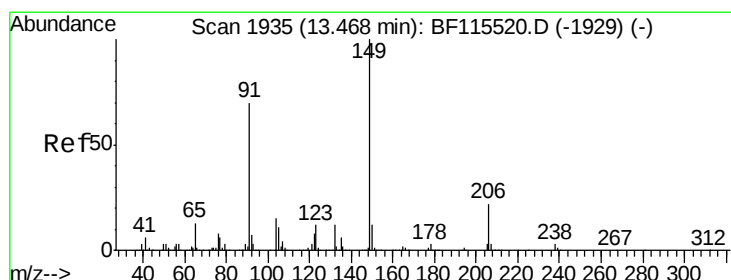
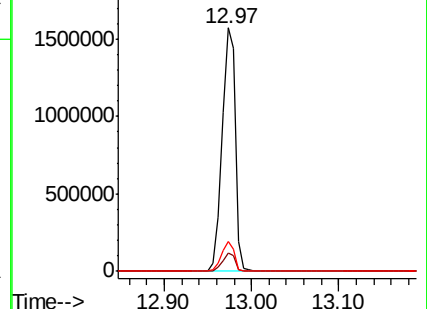
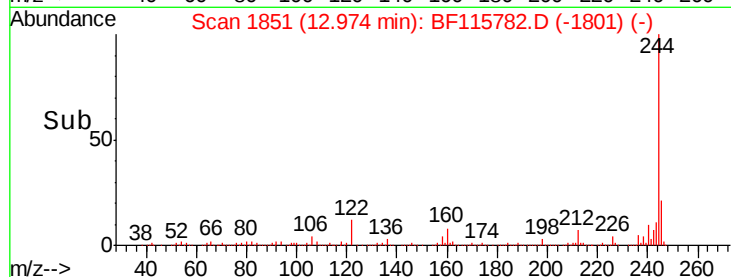
122 12.3 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.117 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

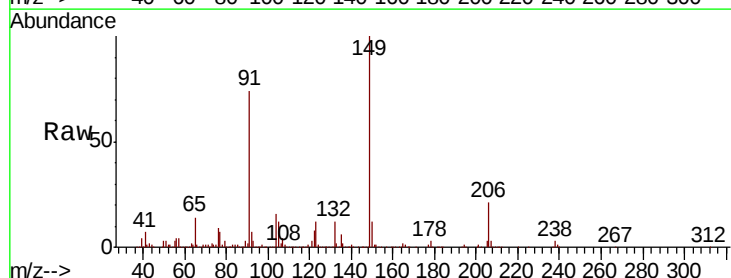
Tgt Ion:149 Resp: 603404

Ion Ratio Lower Upper

149 100

91 74.3 59.8 89.8

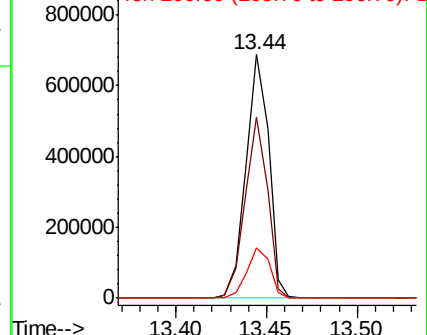
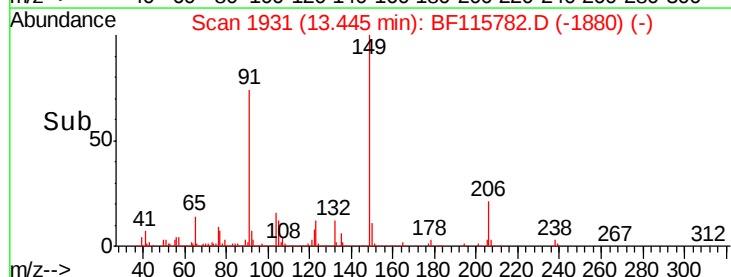
206 20.5 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

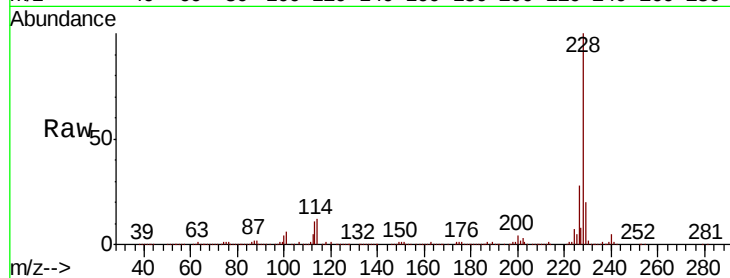




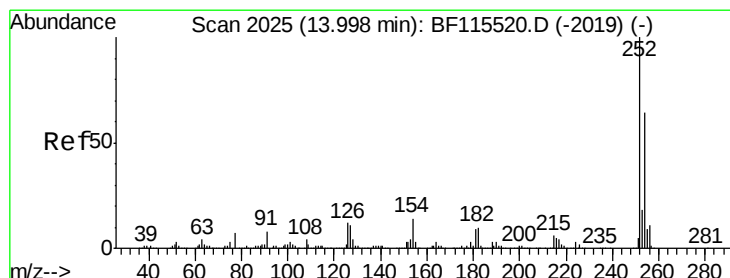
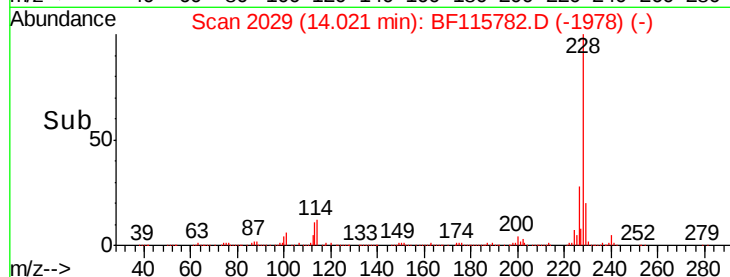
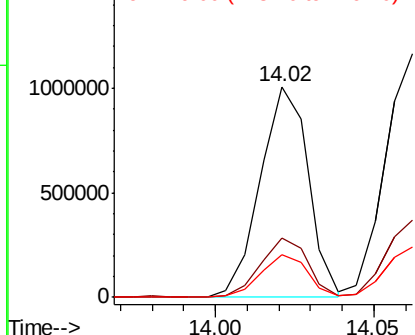
#81
Benzo(a)anthracene
Concen: 35.827 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1062396
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.2
229 20.3 16.1 24.1

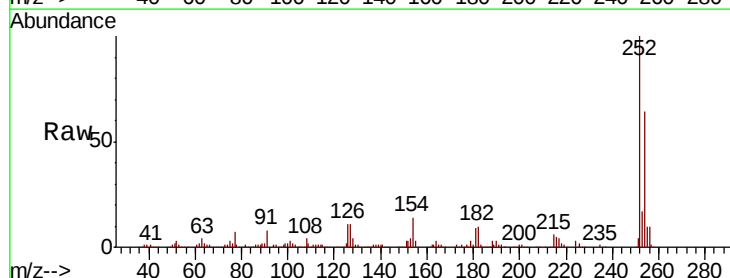


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

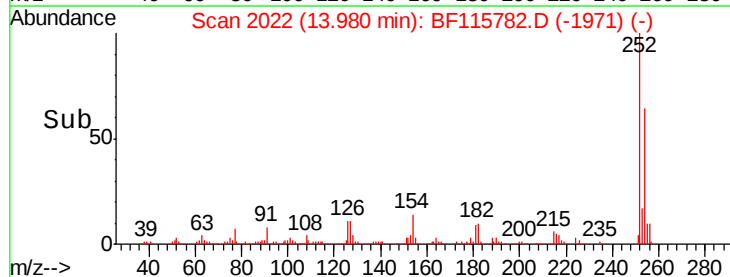
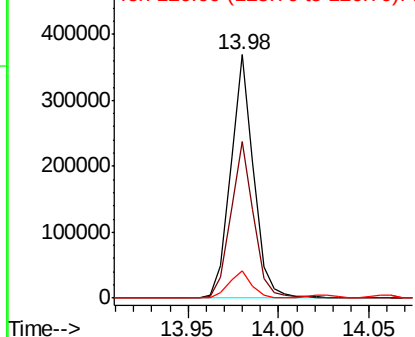


#82
3,3'-Dichlorobenzidine
Concen: 30.793 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:252 Resp: 324609
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 11.3 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.011 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

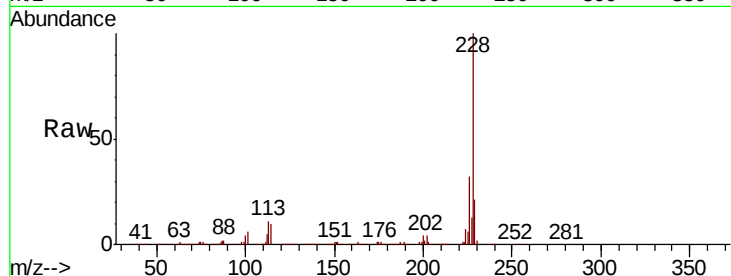
Tot Ion:228 Resp: 1042212

Ion Ratio Lower Upper

228 100

226 31.7 25.0 37.4

229 20.7 16.2 24.2

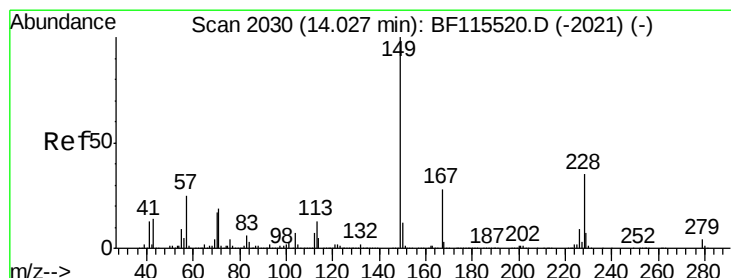
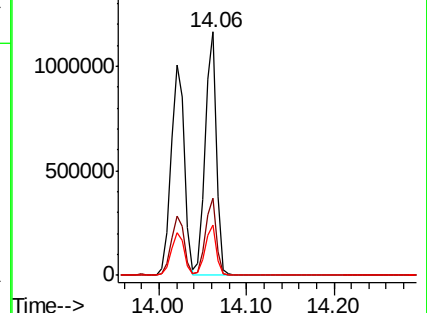
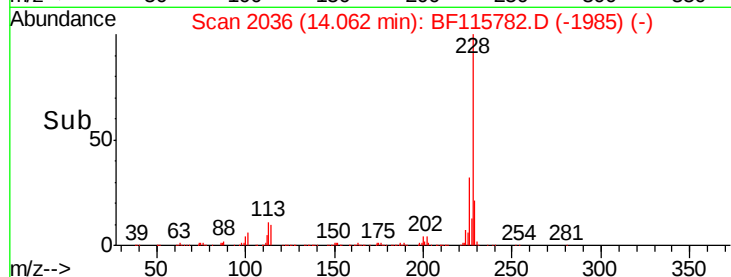


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.112 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

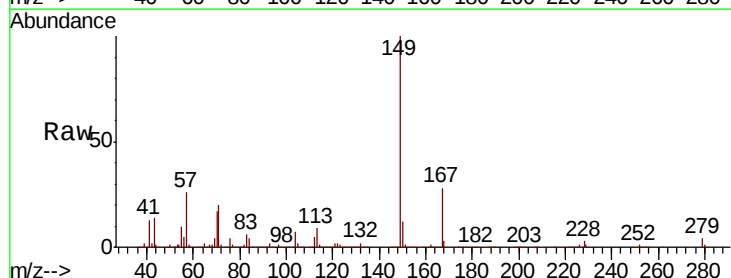
Tgt Ion:149 Resp: 848013

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 3.8 3.1 4.7

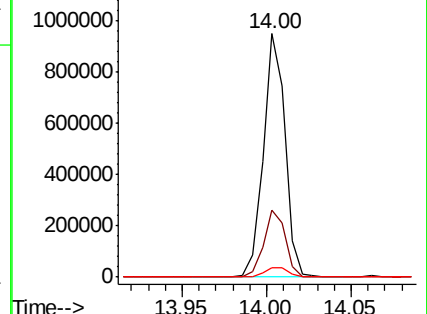
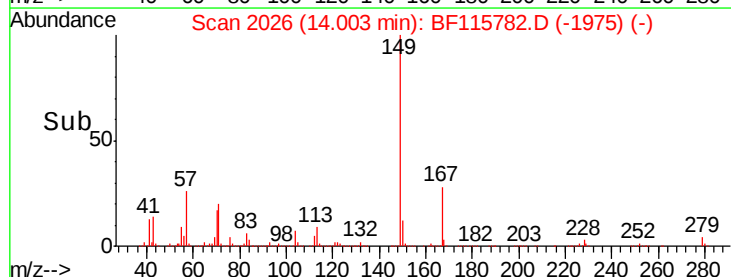


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.889 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

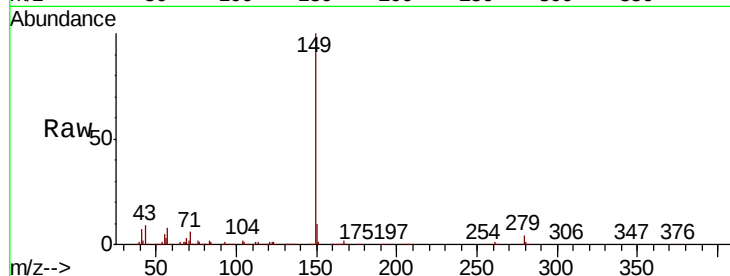
Tot Ion:149 Resp: 1342123

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

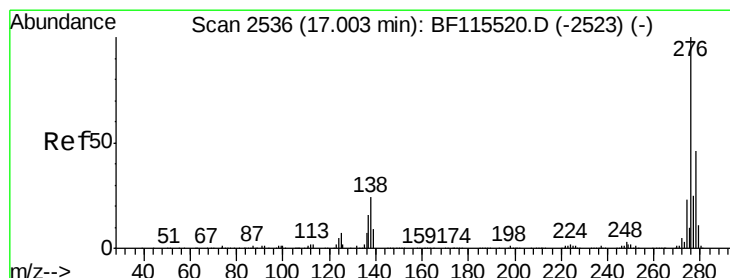
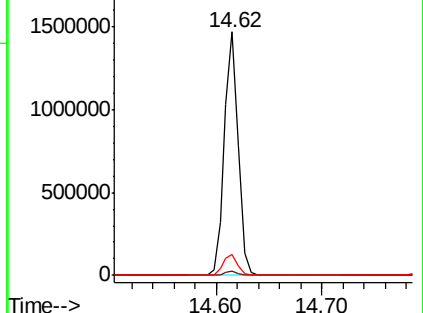
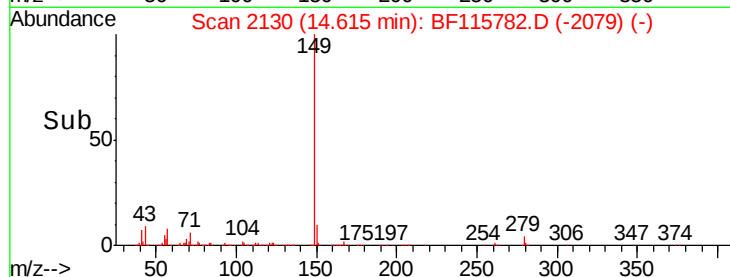
43 8.9 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.926 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

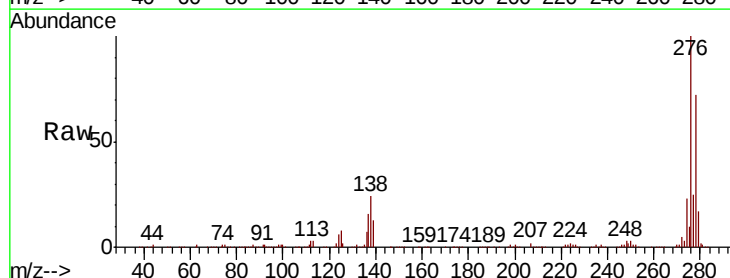
Tgt Ion:276 Resp: 883285

Ion Ratio Lower Upper

276 100

138 25.0 20.1 30.1

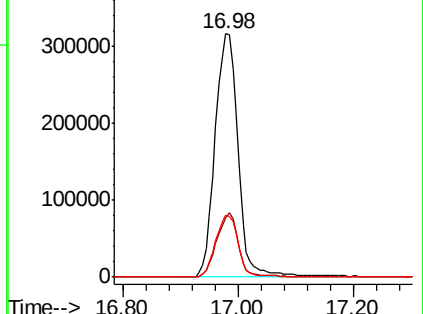
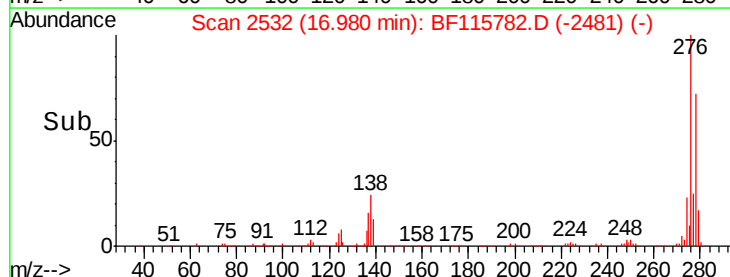
277 25.4 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



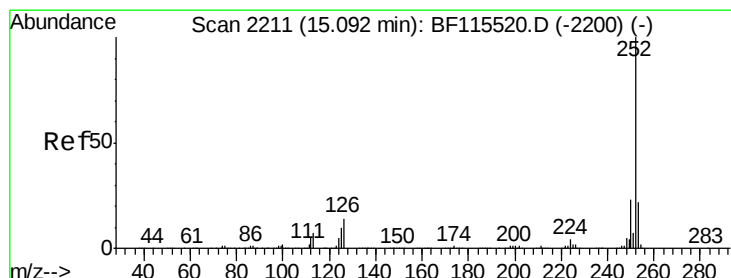
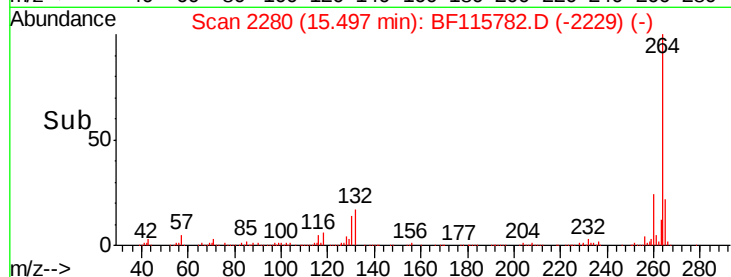
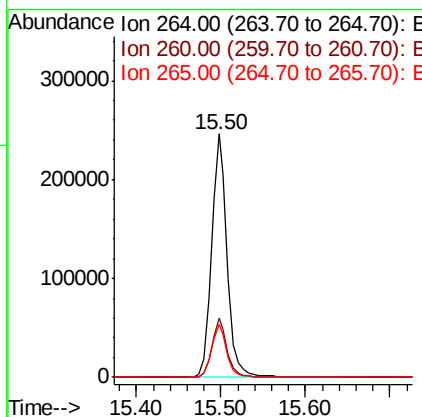
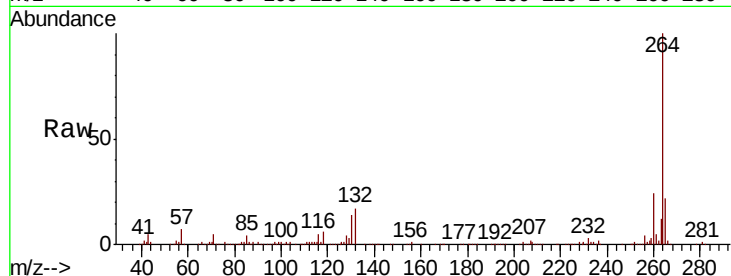


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 319754

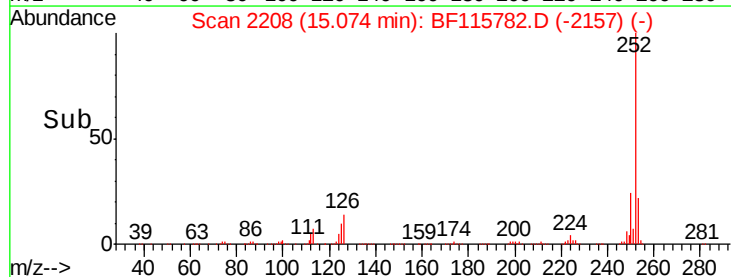
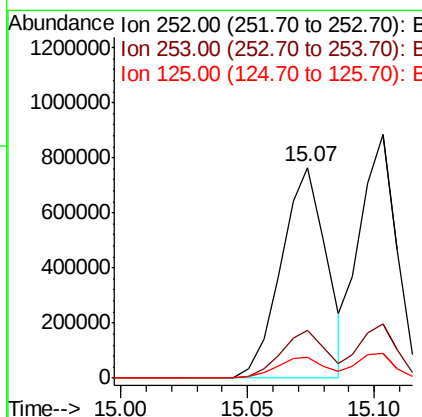
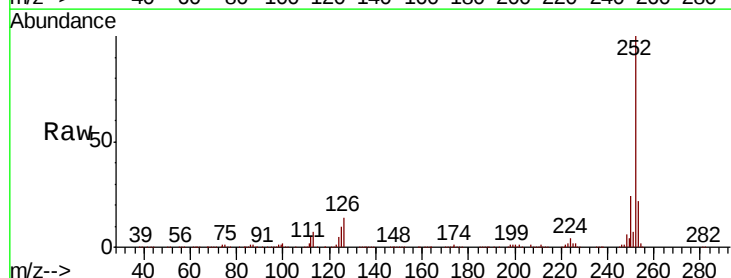
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.8	17.5	26.3

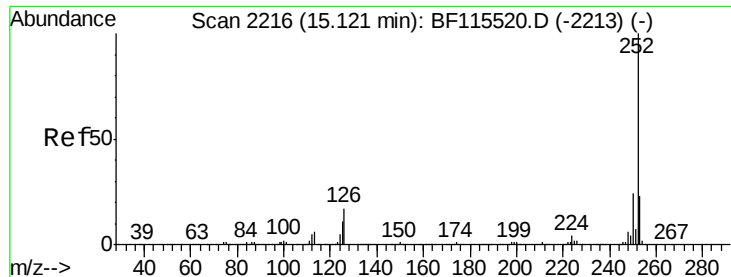


#88
Benzo(b)fluoranthene
Concen: 46.200 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:252 Resp: 951237

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.2	8.4	12.6

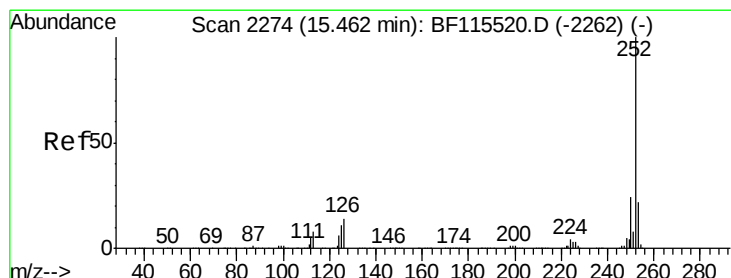
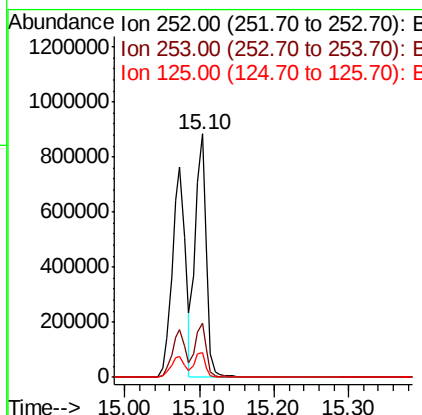
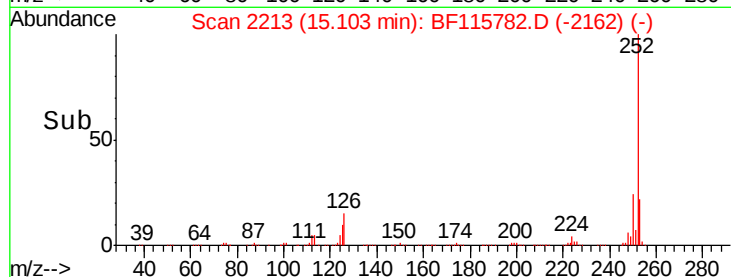
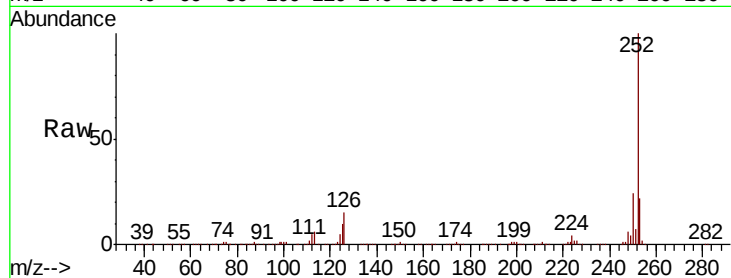




#89
Benzo(k)fluoranthene
Concen: 49.633 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

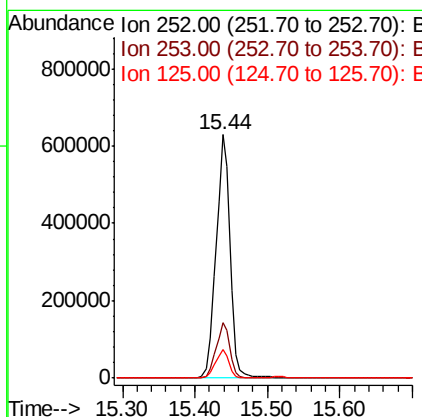
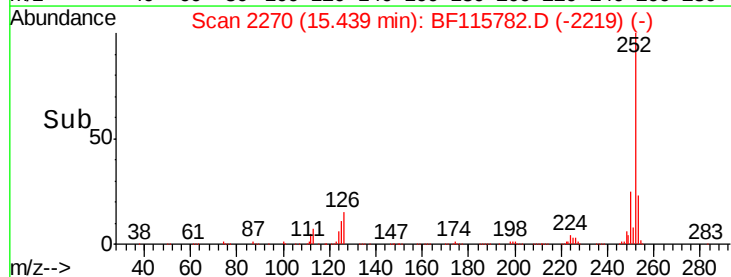
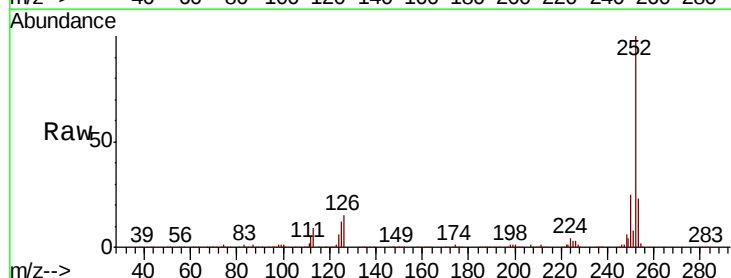
Instrument :
BNA_F
ClientSampleId :

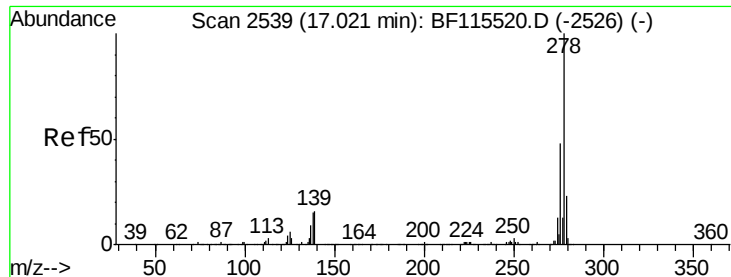
Tot Ion:252 Resp: 911108
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 47.645 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF115782.D
Acq: 26 Jul 2019 12:21

Tgt Ion:252 Resp: 843152
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 48.594 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

Instrument :

BNA_F

ClientSampleId :

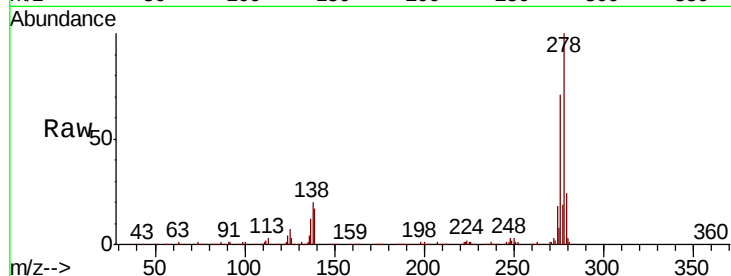
Tot Ion:278 Resp: 754945

Ion Ratio Lower Upper

278 100

139 16.6 13.6 20.4

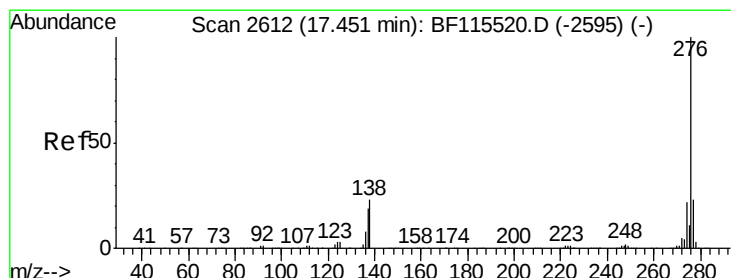
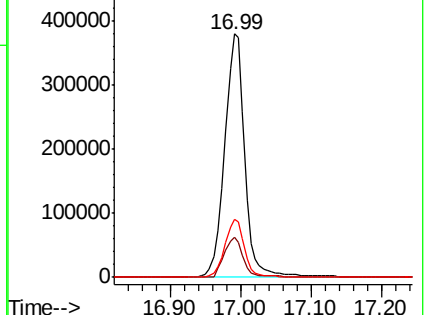
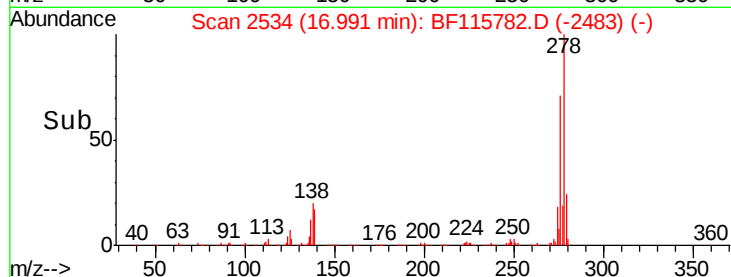
279 23.8 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.146 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BF115782.D

Acq: 26 Jul 2019 12:21

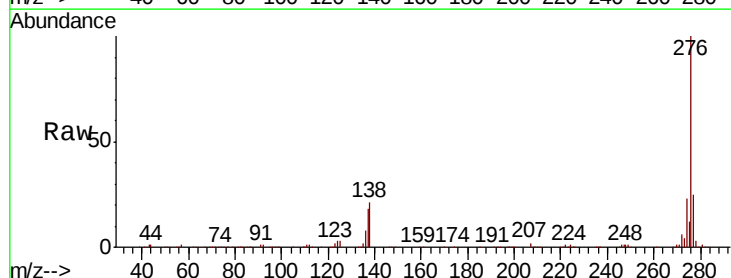
Tgt Ion:276 Resp: 714995

Ion Ratio Lower Upper

276 100

277 24.9 18.1 27.1

138 21.1 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

