

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117127.D
 Acq On : 18 Sep 2019 00:23
 Operator : HP/JU
 Sample : K4923-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 18 03:55:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	66748	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	268047	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	137217	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	235954	20.00	ng	0.00
76) Chrysene-d12	13.97	240	167269	20.00	ng	0.00
87) Perylene-d12	15.41	264	153700	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	474742	111.04	ng	0.01
7) Phenol-d6	6.47	99	657204	118.95	ng	0.01
23) Nitrobenzene-d5	7.39	82	400404	78.49	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	141482	123.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	711412	81.06	ng	0.00
79) Terphenyl-d14	12.91	244	737315	82.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	65102	36.390	ng	98
3) Pyridine	3.36	79	153383	31.324	ng	94
4) n-Nitrosodimethylamine	3.29	42	62453	37.165	ng	100
6) Aniline	6.49	93	133979	18.834	ng	# 86
8) 2-Chlorophenol	6.62	128	191585	41.539	ng	95
9) Benzaldehyde	6.37	77	112027	40.757	ng	95
10) Phenol	6.48	94	248906	40.864	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	178601	39.895	ng	98
12) 1,3-Dichlorobenzene	6.76	146	197824	38.223	ng	99
13) 1,4-Dichlorobenzene	6.84	146	204580	38.734	ng	99
14) 1,2-Dichlorobenzene	6.99	146	193513	39.352	ng	96
15) Benzyl Alcohol	6.97	79	175349	41.385	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	167993	37.983	ng	95
17) 2-Methylphenol	7.08	107	157045	40.628	ng	96
18) Hexachloroethane	7.33	117	77440	38.113	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	136997	40.719	ng	95
20) 3+4-Methylphenols	7.23	107	208787	43.363	ng	96
22) Acetophenone	7.23	105	281527	41.339	ng	# 97
24) Nitrobenzene	7.40	77	211574	41.996	ng	98
25) Isophorone	7.65	82	374266	41.435	ng	98
26) 2-Nitrophenol	7.72	139	98903	45.704	ng	97
27) 2,4-Dimethylphenol	7.76	122	165172	48.132	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	227520	40.883	ng	100
29) 2,4-Dichlorophenol	7.96	162	157590	43.827	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	156444	40.272	ng	99
31) Naphthalene	8.13	128	554023	42.976	ng	99
32) Benzoic acid	7.87	122	59011	26.239	ng	96
33) 4-Chloroaniline	8.17	127	39893	6.977	ng	99
34) Hexachlorobutadiene	8.24	225	87959	39.909	ng	97
35) Caprolactam	8.54	113	35127	28.862	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	181323	43.248	ng	99
37) 2-Methylnaphthalene	8.82	142	375065	43.205	ng	97
38) 1-Methylnaphthalene	8.91	142	354582	43.612	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	145806	41.150	ng	99

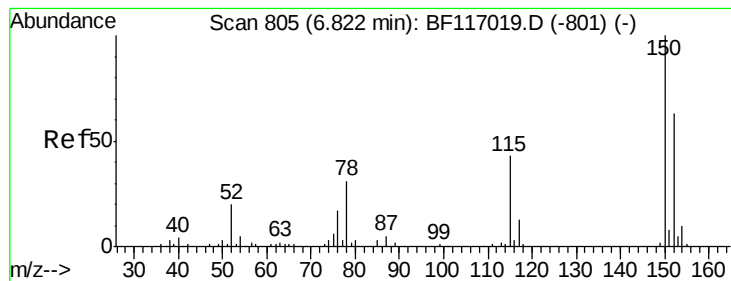
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	118518	76.095	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	99603	41.422	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	107318	41.773	ng	98
46) 1,1'-Biphenyl	9.27	154	446207	41.456	ng	99
47) 2-Chloronaphthalene	9.30	162	353520	41.617	ng	98
48) 2-Nitroaniline	9.40	65	112960	41.459	ng	97
49) Acenaphthylene	9.72	152	552709	43.434	ng	100
50) Dimethylphthalate	9.57	163	478994	49.301	ng	99
51) 2,6-Dinitrotoluene	9.64	165	91524	46.253	ng	99
52) Acenaphthene	9.89	154	317717	42.119	ng	99
53) 3-Nitroaniline	9.80	138	47743	19.123	ng	93
54) 2,4-Dinitrophenol	9.92	184	45695	56.520	ng	96
55) Dibenzofuran	10.06	168	489059	43.942	ng	98
56) 4-Nitrophenol	9.98	139	123631	76.406	ng	97
57) 2,4-Dinitrotoluene	10.05	165	124439	48.447	ng	95
58) Fluorene	10.40	166	400192	44.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	83867	42.659	ng	99
60) Diethylphthalate	10.27	149	414177	43.331	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	169234	43.628	ng	94
62) 4-Nitroaniline	10.42	138	108738	41.881	ng	98
63) Azobenzene	10.55	77	420679	43.092	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	42199	40.509	ng	95
66) n-Nitrosodiphenylamine	10.51	169	344073	42.223	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	102434	42.510	ng	94
68) Hexachlorobenzene	10.95	284	106460	40.393	ng	94
69) Atrazine	11.03	200	100451	51.504	ng	97
70) Pentachlorophenol	11.15	266	90073	72.909	ng	98
71) Phenanthrene	11.36	178	570423	42.562	ng	99
72) Anthracene	11.41	178	605188	44.231	ng	98
73) Carbazole	11.57	167	562882	43.340	ng	100
74) Di-n-butylphthalate	11.89	149	677310	43.832	ng	100
75) Fluoranthene	12.55	202	588966	42.770	ng	98
77) Benzidine	12.66	184	193960	35.997	ng	99
78) Pyrene	12.77	202	603625	43.008	ng	100
80) Butylbenzylphthalate	13.38	149	289260	43.617	ng	98
81) Benzo(a)anthracene	13.96	228	465133	41.621	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	78502	21.799	ng	100
83) Chrysene	14.00	228	466875	42.834	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	391872	45.829	ng	100
85) Di-n-octyl phthalate	14.54	149	651481	48.407	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	381204	47.938	ng	98
88) Benzo(b)fluoranthene	15.00	252	391017	41.999	ng	99
89) Benzo(k)fluoranthene	15.03	252	371418	42.114	ng	97
90) Benzo(a)pyrene	15.35	252	360893	44.174	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	318135	48.881	ng	99
92) Benzo(g,h,i)perylene	17.29	276	314374	48.473	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

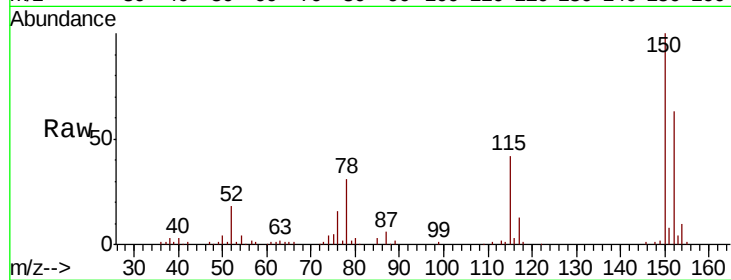
Tot Ion:152 Resp: 66748

Ion Ratio Lower Upper

152 100

150 159.0 127.5 191.3

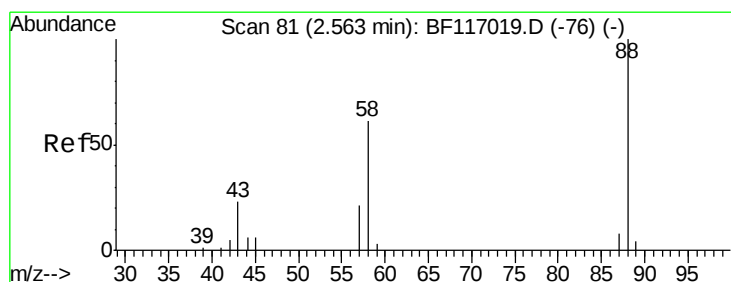
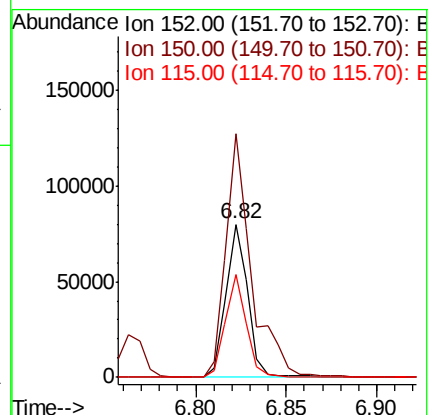
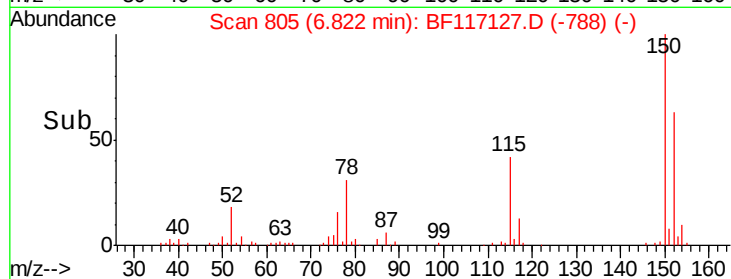
115 67.0 55.0 82.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.390 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.04 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

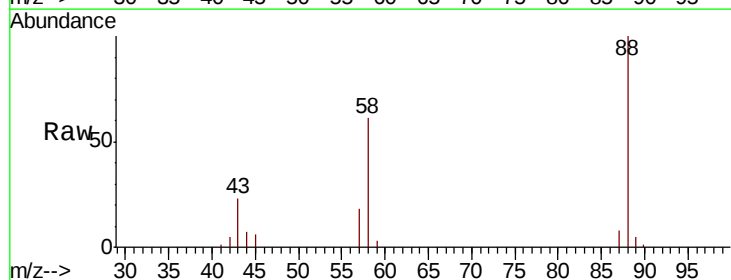
Tgt Ion: 88 Resp: 65102

Ion Ratio Lower Upper

88 100

58 60.3 49.3 73.9

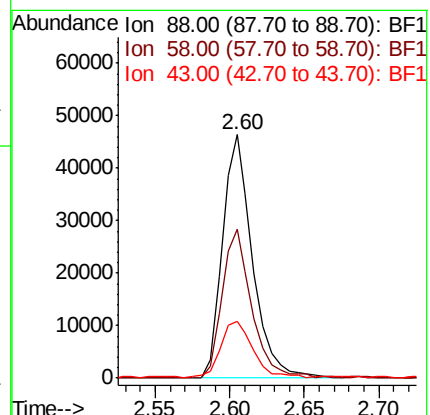
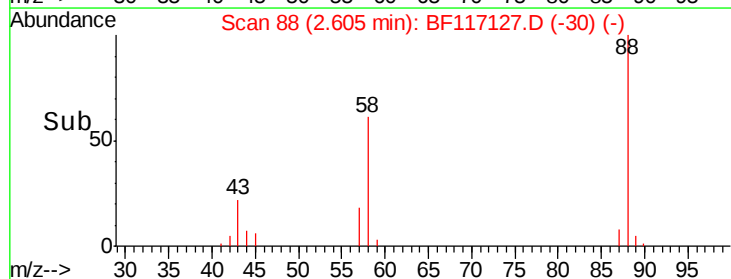
43 25.4 18.8 28.2

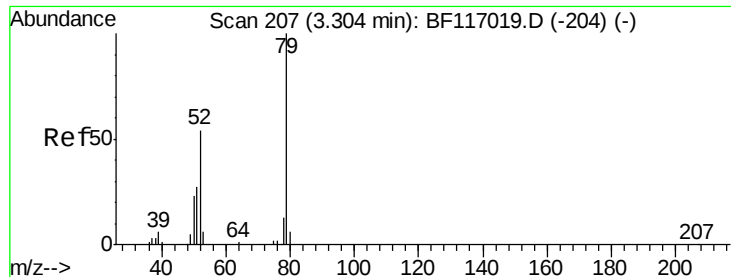


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.324 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

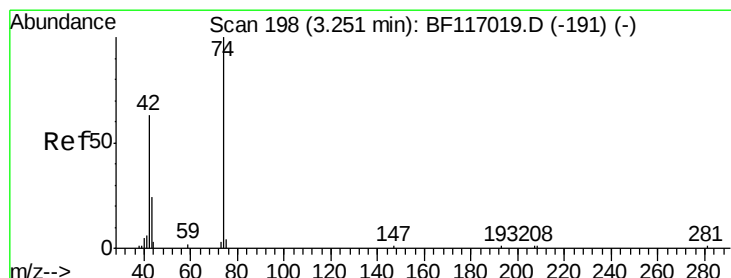
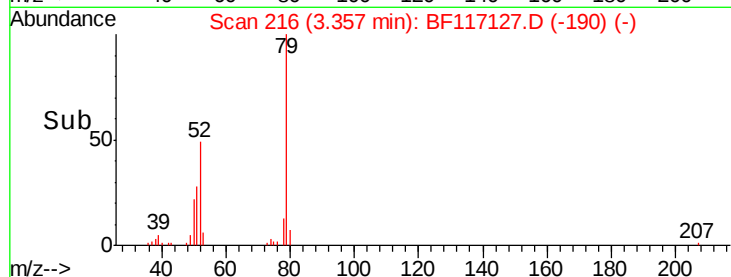
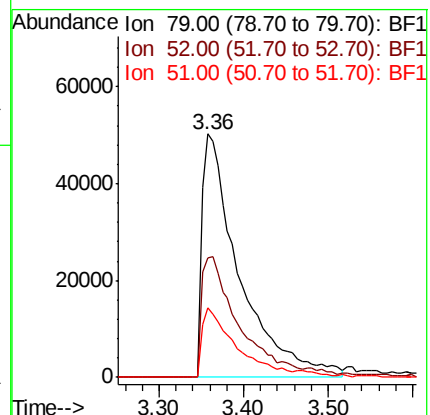
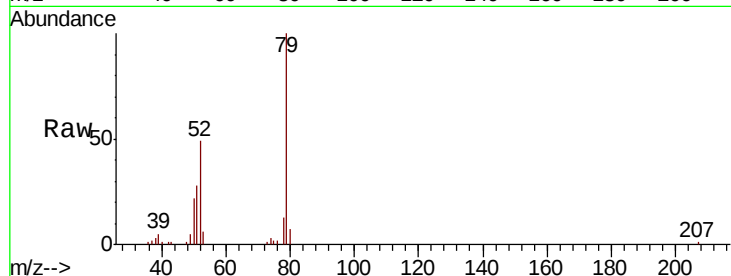
Tot Ion: 79 Resp: 153383

Ion Ratio Lower Upper

79 100

52 48.8 43.5 65.3

51 28.4 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 37.165 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.04 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

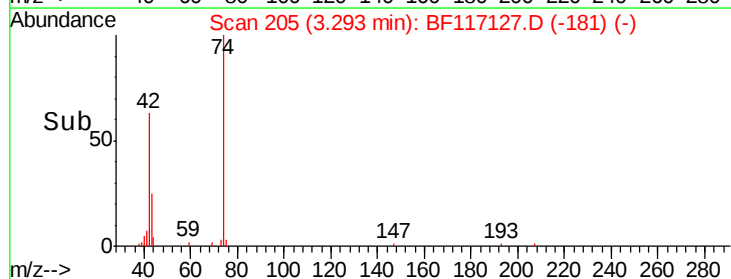
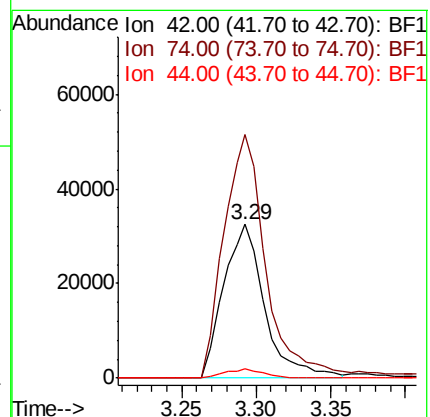
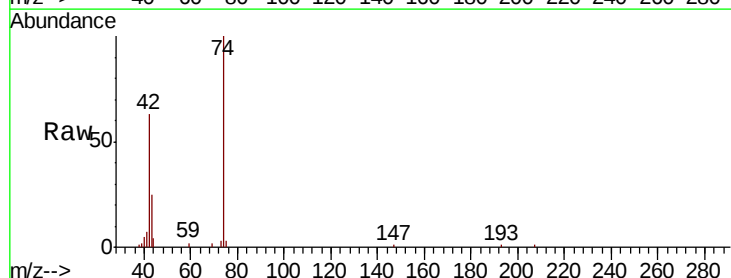
Tgt Ion: 42 Resp: 62453

Ion Ratio Lower Upper

42 100

74 158.4 127.1 190.7

44 6.2 4.3 6.5





#5

2-Fluorophenol

Concen: 111.043 ng

RT: 5.45 min Scan# 572

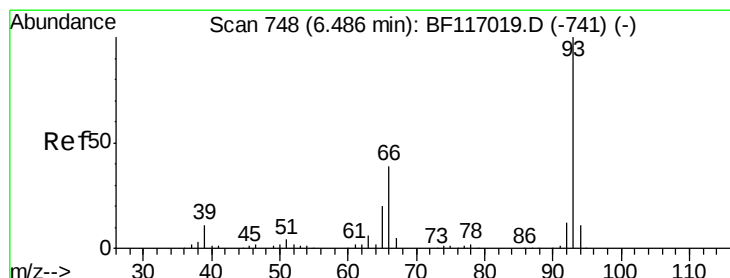
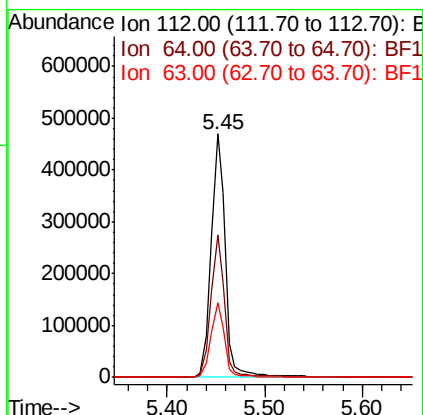
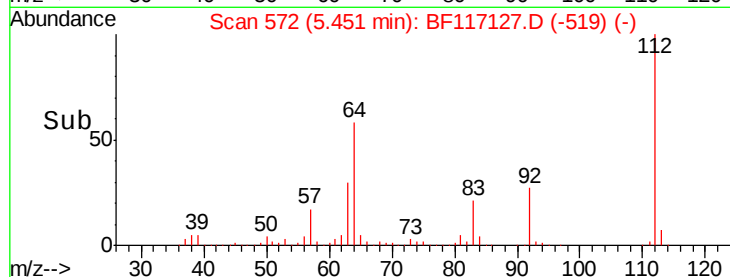
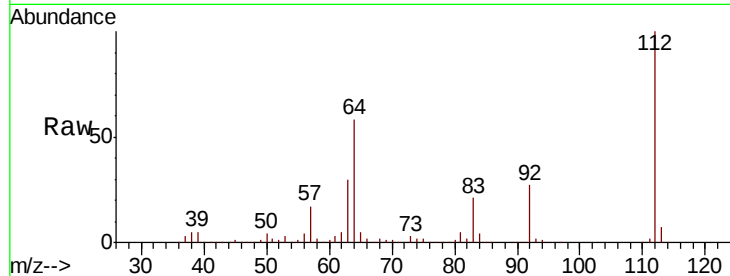
Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	474742
Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.7	68.5
63	30.5	24.9	37.3



#6

Aniline

Concen: 18.834 ng

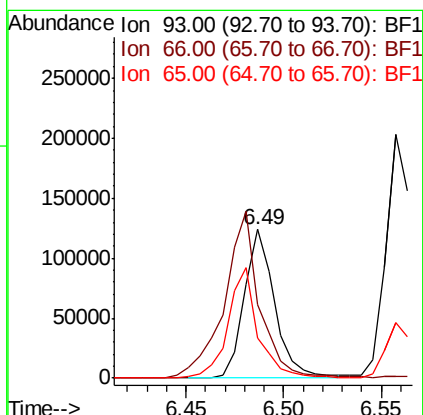
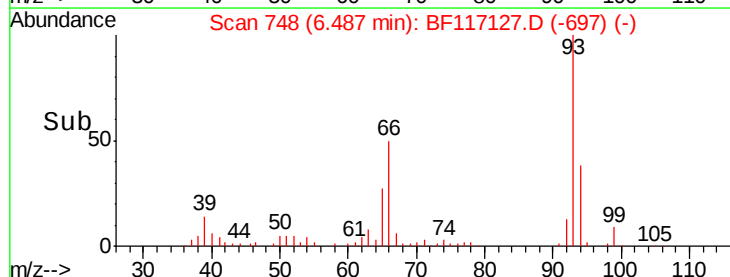
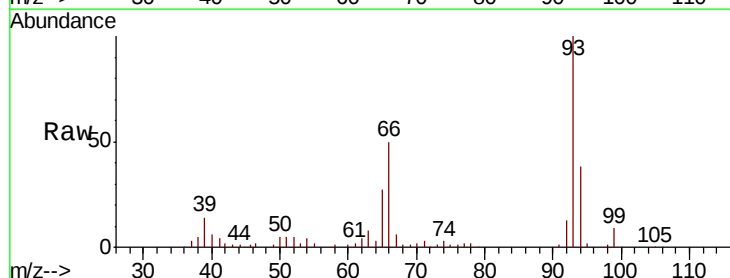
RT: 6.49 min Scan# 748

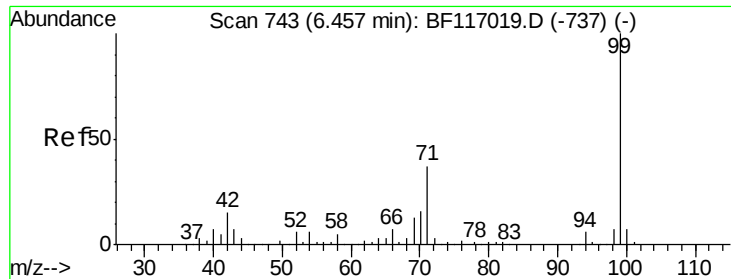
Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Tgt Ion:	93	Resp:	133979
Ion	Ratio	Lower	Upper
93	100		
66	49.8	32.6	49.0#
65	27.2	16.7	25.1#





#7

Phenol-d6

Concen: 118.946 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

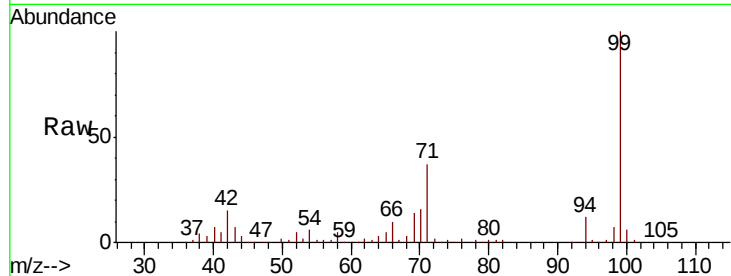
Tot Ion: 99 Resp: 657204

Ion Ratio Lower Upper

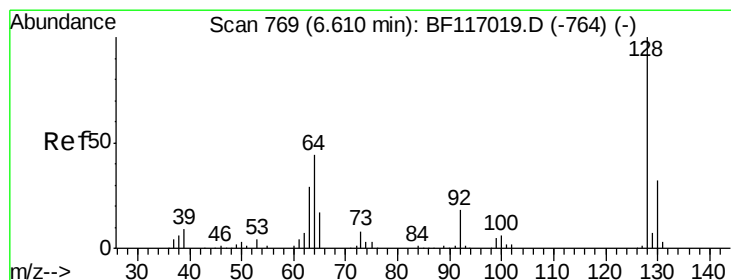
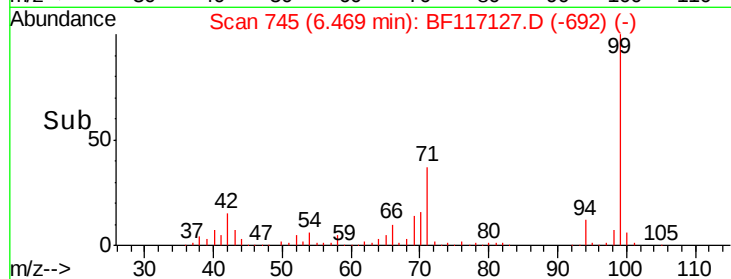
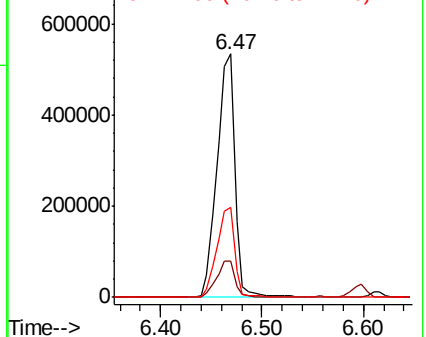
99 100

42 15.1 12.2 18.2

71 36.8 29.8 44.8



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



#8

2-Chlorophenol

Concen: 41.539 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

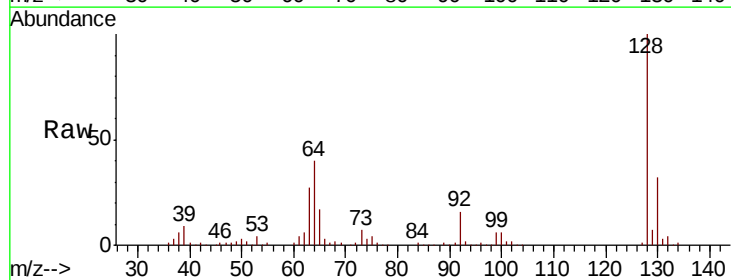
Tgt Ion: 128 Resp: 191585

Ion Ratio Lower Upper

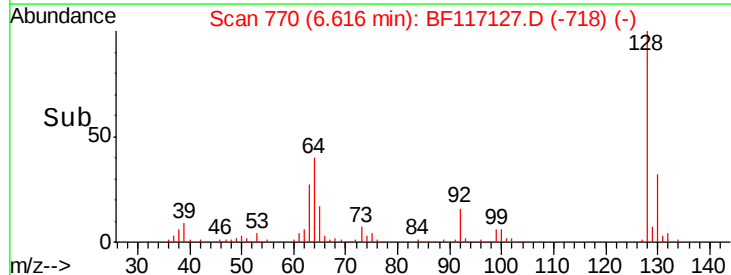
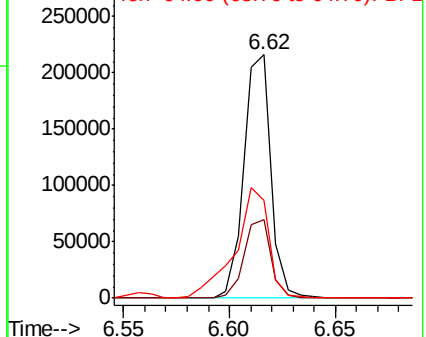
128 100

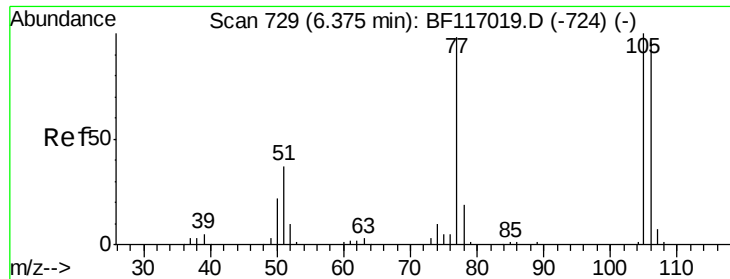
130 32.1 11.8 51.8

64 40.2 25.0 65.0



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: 40.757 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

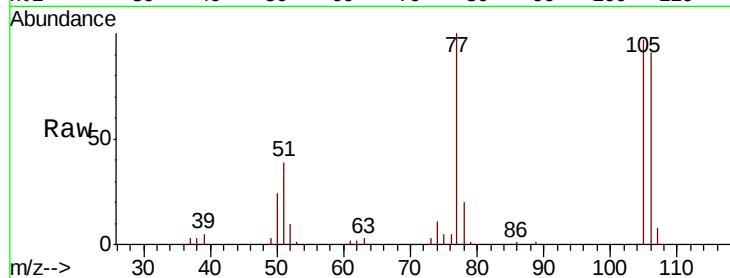
Tot Ion: 77 Resp: 112027

Ion Ratio Lower Upper

77 100

105 97.5 81.8 121.8

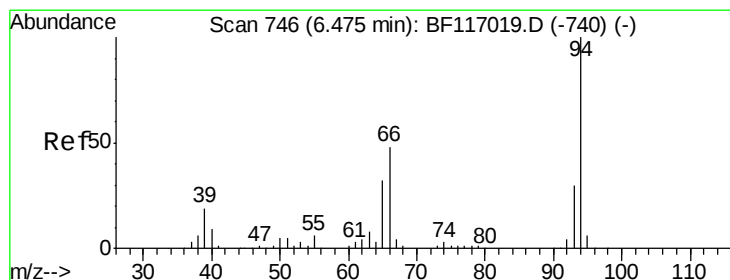
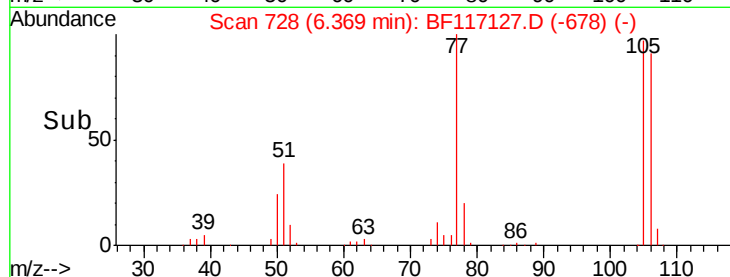
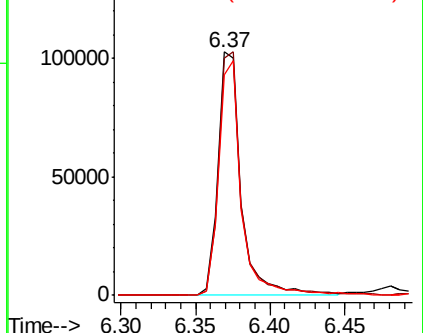
106 90.6 77.3 117.3



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: 40.864 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

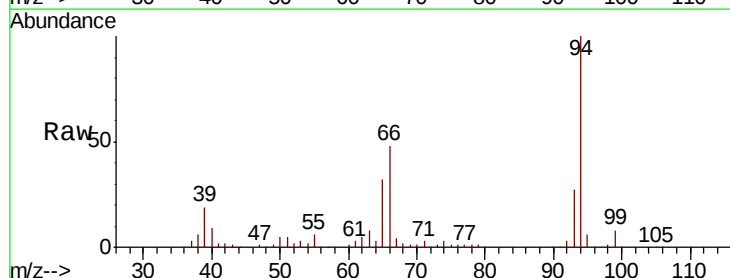
Tgt Ion: 94 Resp: 248906

Ion Ratio Lower Upper

94 100

65 31.5 12.5 52.5

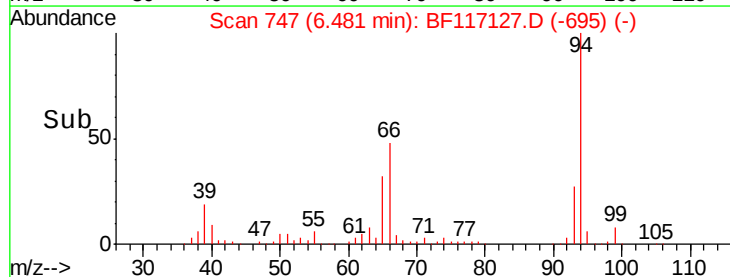
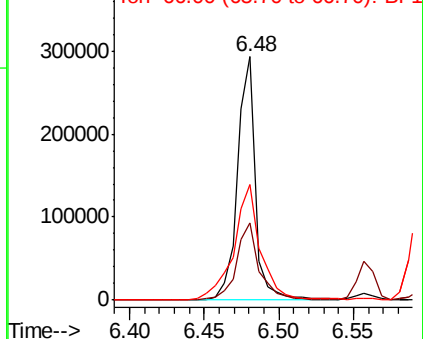
66 47.6 28.9 68.9



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: 39.895 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampled :

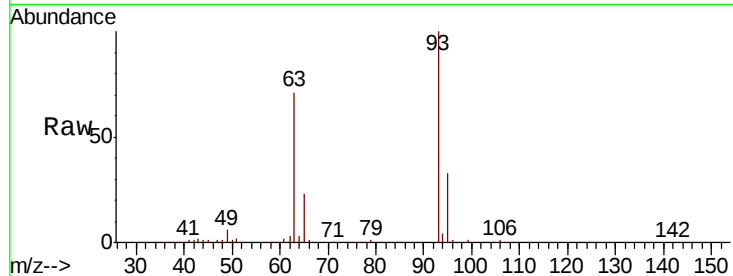
Tot Ion: 93 Resp: 178601

Ion Ratio Lower Upper

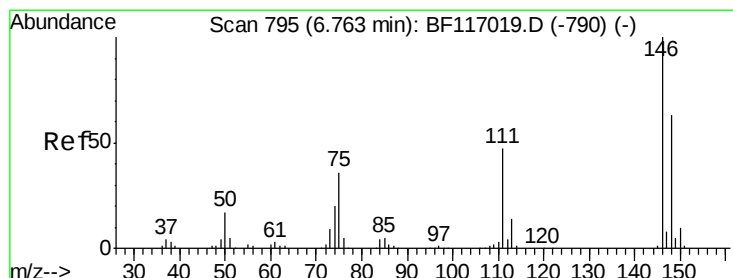
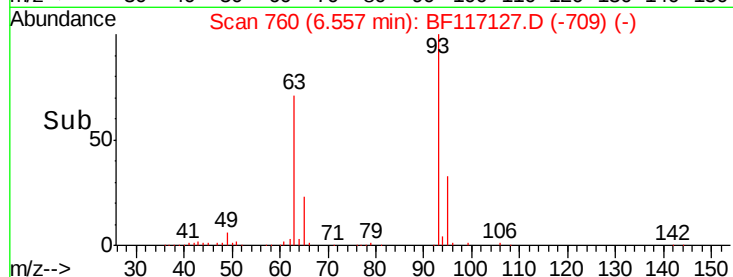
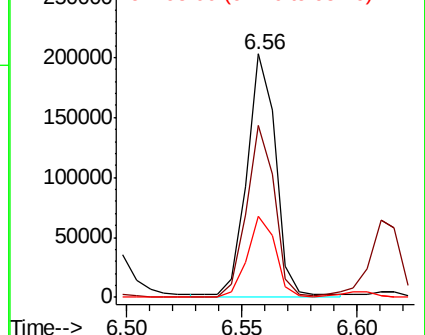
93 100

63 70.6 49.3 89.3

95 33.5 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 38.223 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

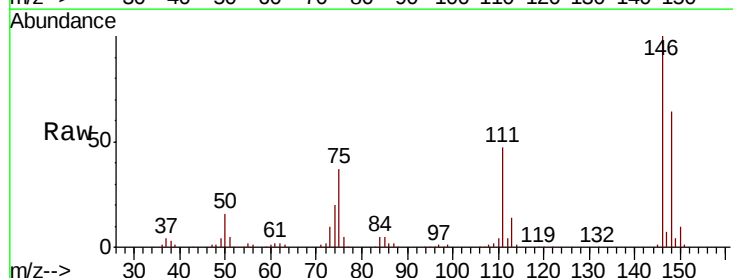
Tgt Ion: 146 Resp: 197824

Ion Ratio Lower Upper

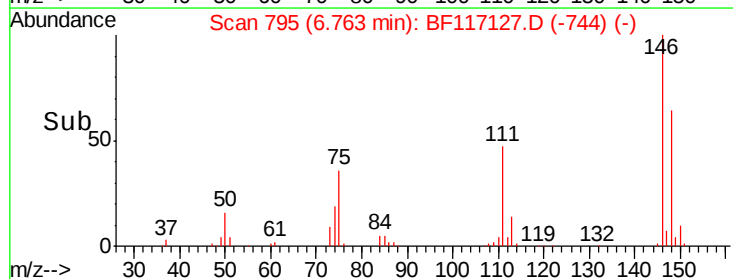
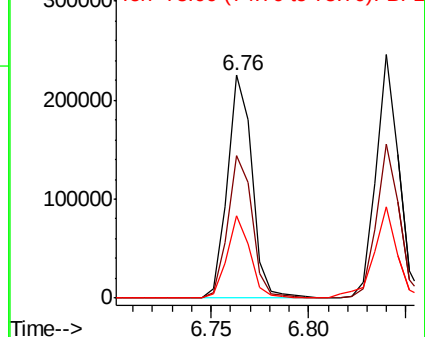
146 100

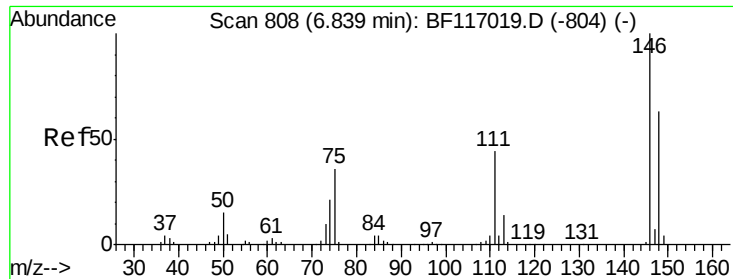
148 64.2 50.8 76.2

75 36.7 28.7 43.1



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

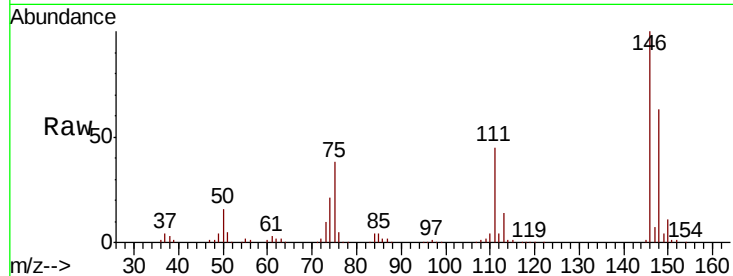




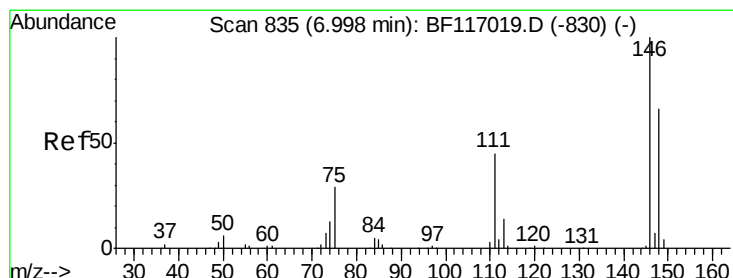
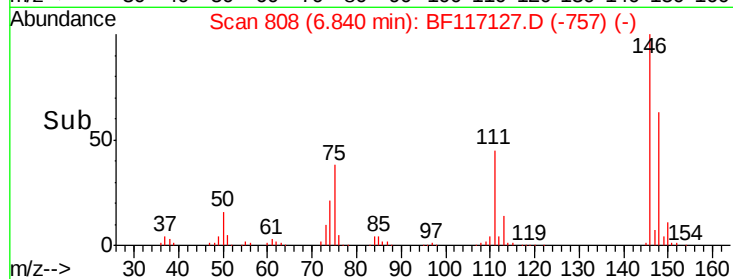
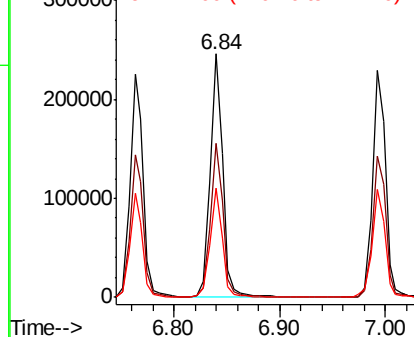
#13
 1,4-Dichlorobenzene
 Concen: 38.734 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	44.7	35.0	52.6

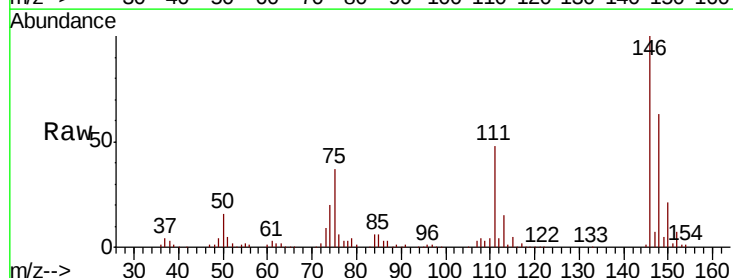


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

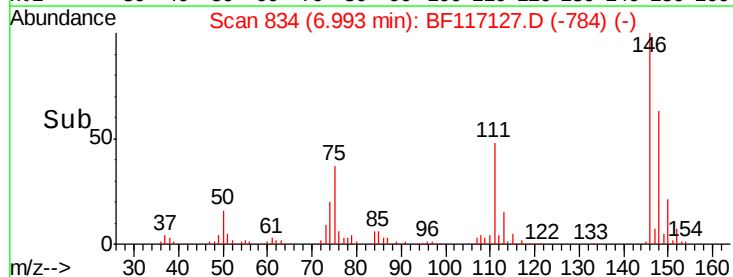
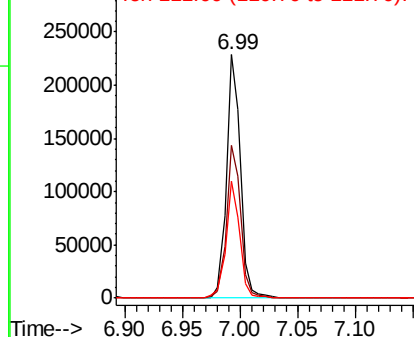


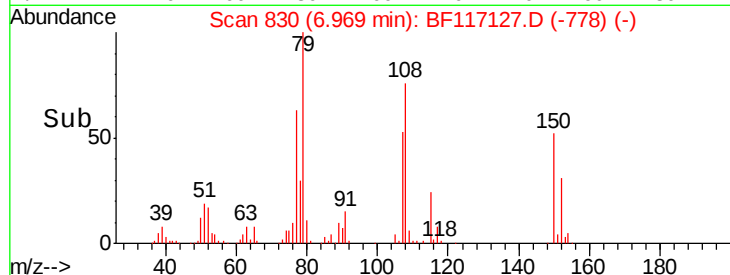
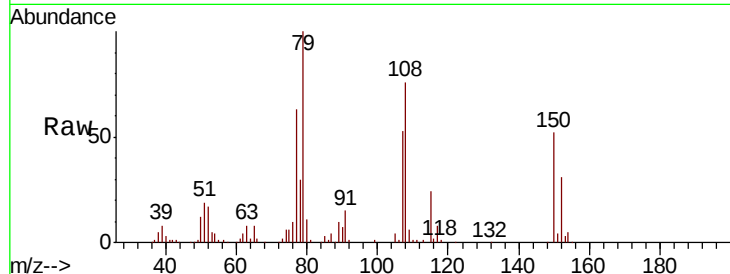
#14
 1,2-Dichlorobenzene
 Concen: 39.352 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.6	78.8
111	47.8	36.2	54.2



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

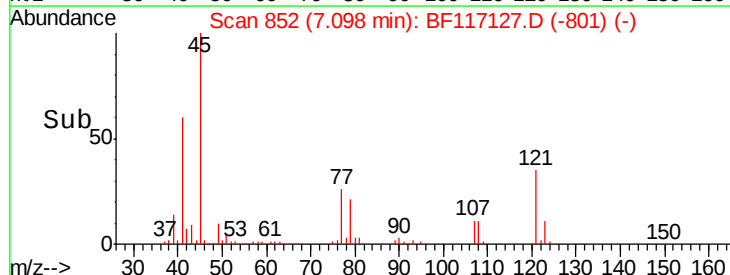
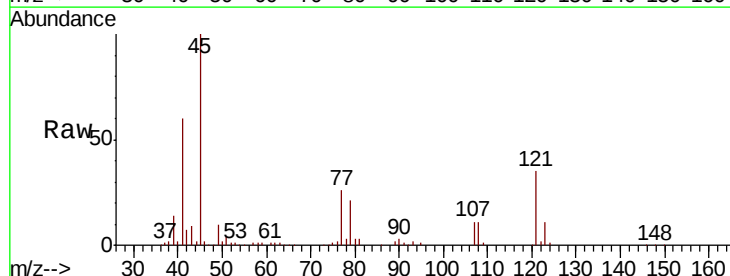
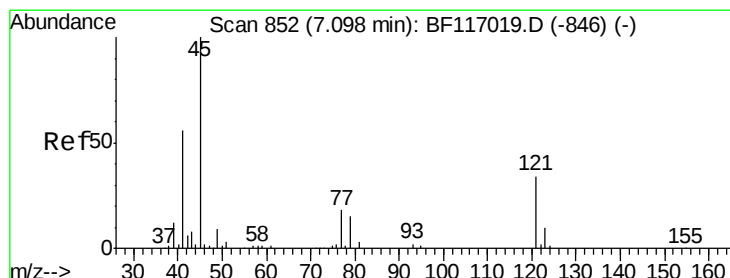
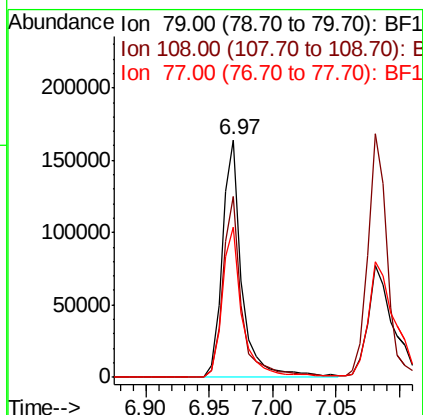




#15
Benzyl Alcohol
Concen: 41.385 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

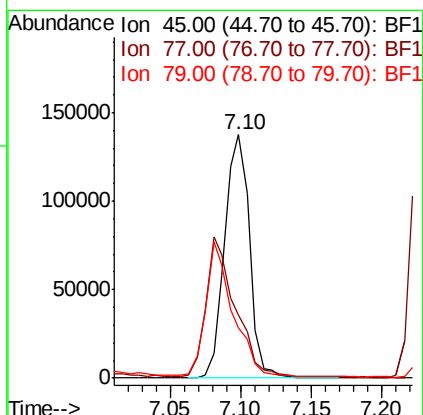
Instrument :
BNA_F
ClientSampleId :

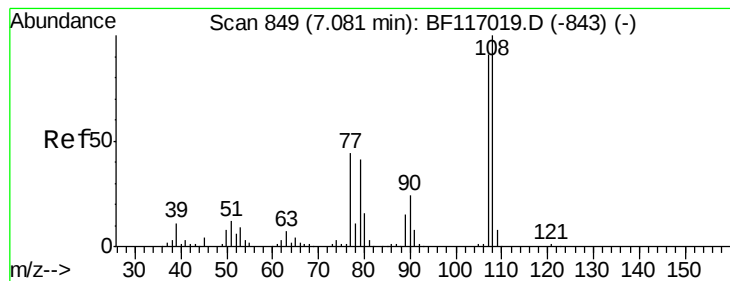
Tot Ion: 79 Resp: 175349
Ion Ratio Lower Upper
79 100
108 76.0 59.4 89.0
77 63.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.983 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion: 45 Resp: 167993
Ion Ratio Lower Upper
45 100
77 25.7 2.7 42.7
79 20.6 0.0 38.9

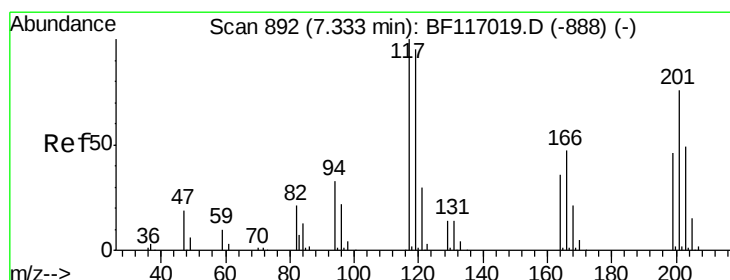
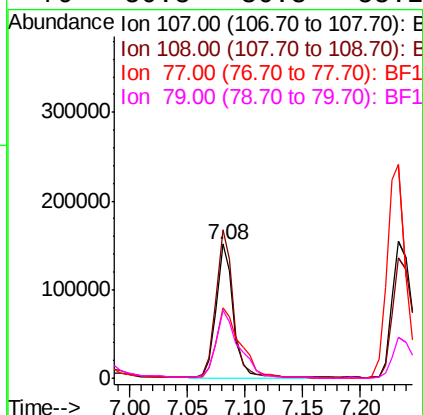
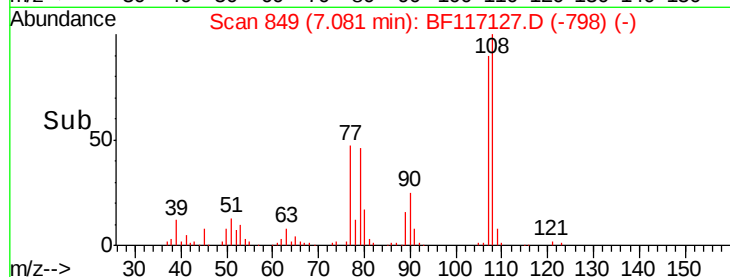
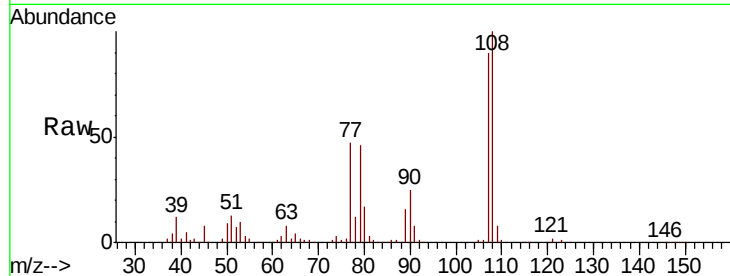




#17
2-Methylphenol
Concen: 40.628 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

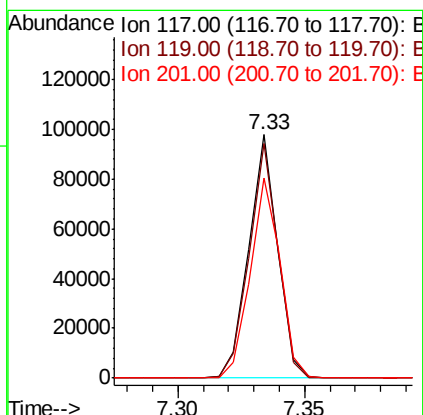
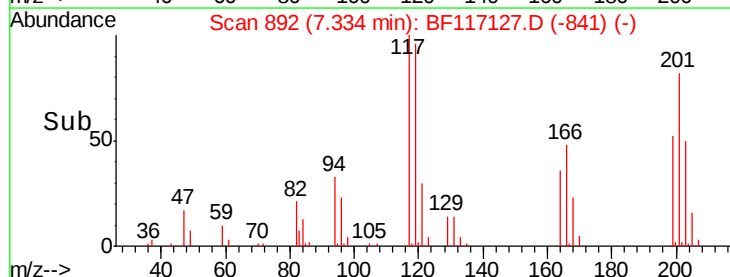
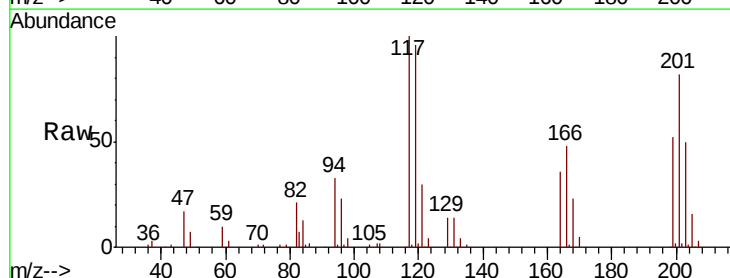
Instrument :
BNA_F
ClientSampled :

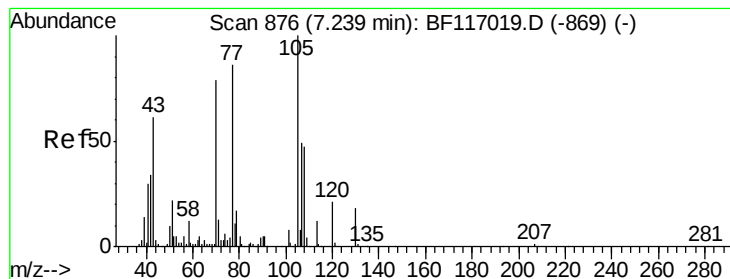
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.7	131.5
77	52.7	38.6	58.0
79	50.8	36.8	55.2



#18
Hexachloroethane
Concen: 38.113 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	82.4	60.9	91.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.719 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 136997

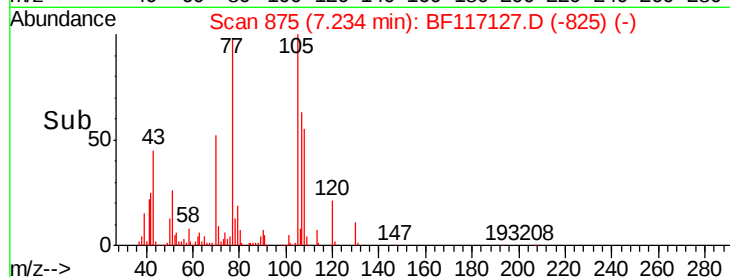
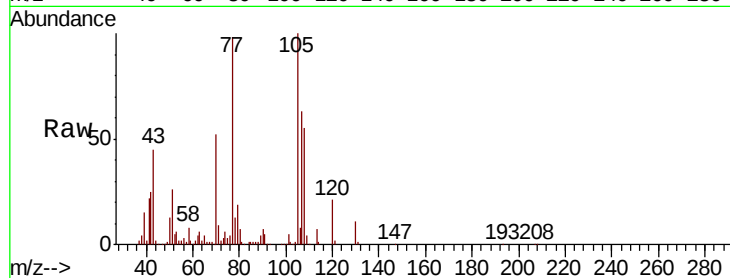
Ion Ratio Lower Upper

70 100

42 47.3 34.0 51.0

101 9.7 7.8 11.6

130 21.3 17.8 26.8

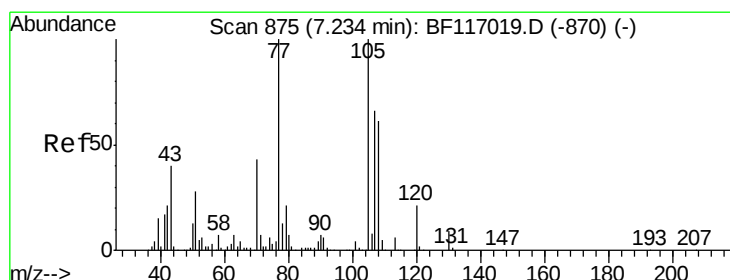
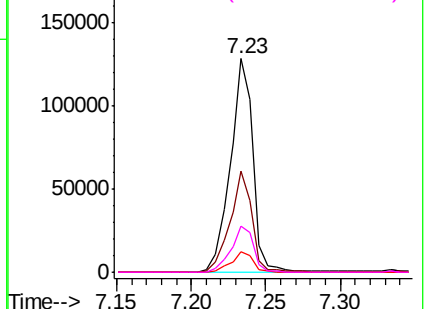


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 43.363 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Tgt Ion: 107 Resp: 208787

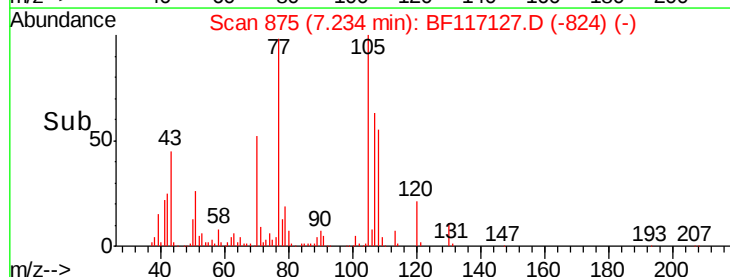
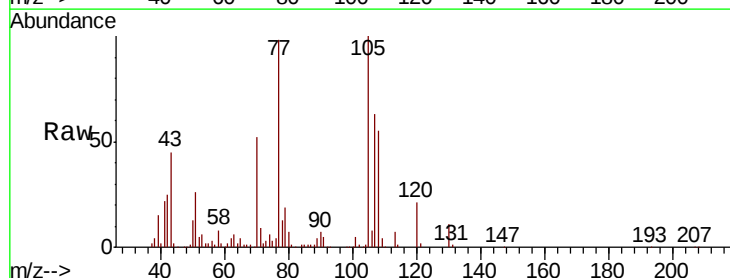
Ion Ratio Lower Upper

107 100

108 87.5 72.6 112.6

77 155.3 132.1 172.1

79 30.3 12.1 52.1

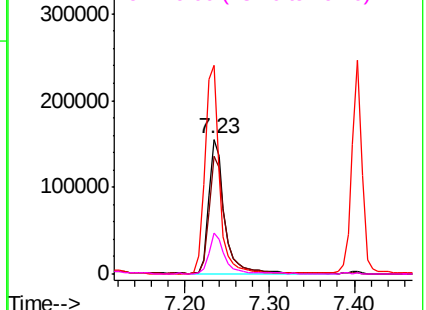


Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

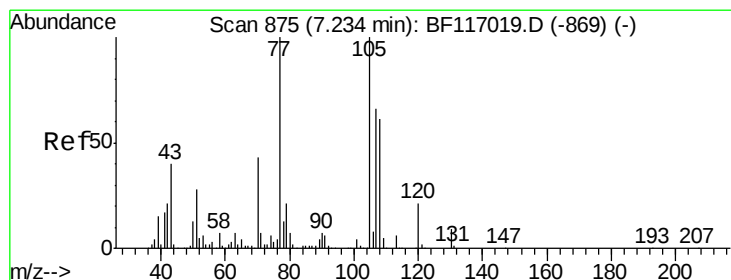
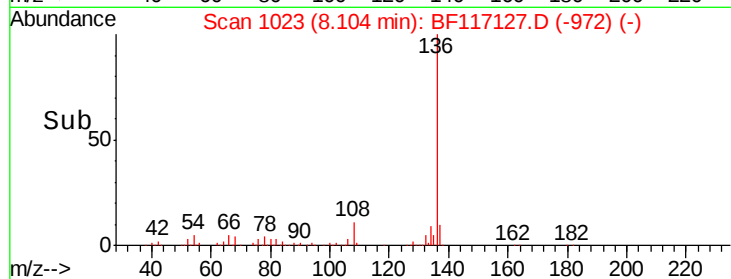
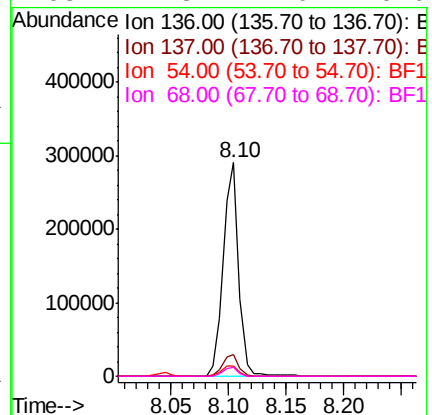
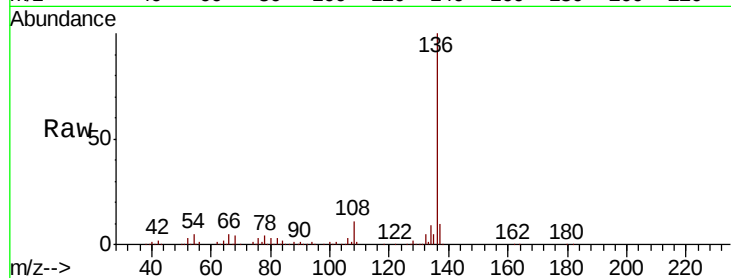




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

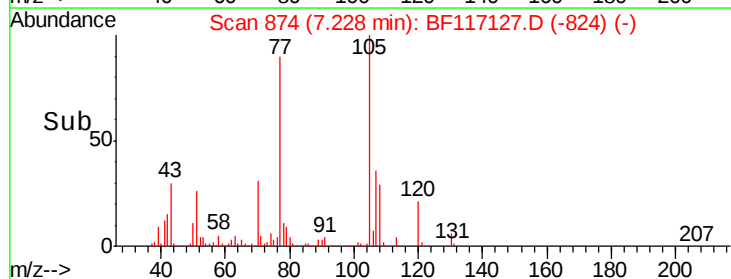
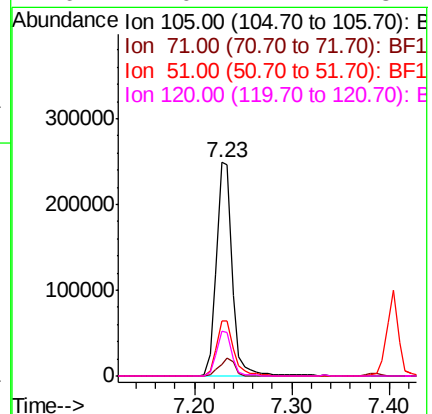
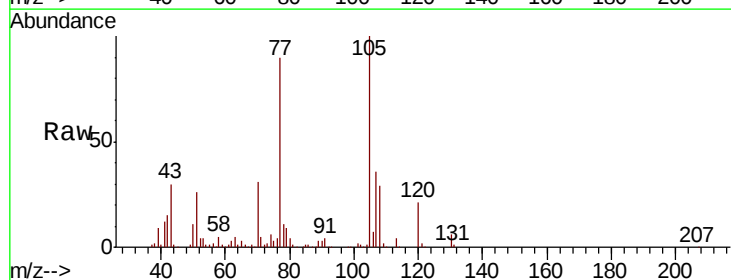
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	268047	
Ion Ratio	Lower	Upper	
136 100			
137 10.4	9.0	13.4	
54 5.0	4.5	6.7	
68 4.3	4.0	6.0	



#22
Acetophenone
Concen: 41.339 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt	Ion:105	Resp:	281527
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.7	8.5#
51	25.9	22.1	33.1
120	21.0	17.1	25.7

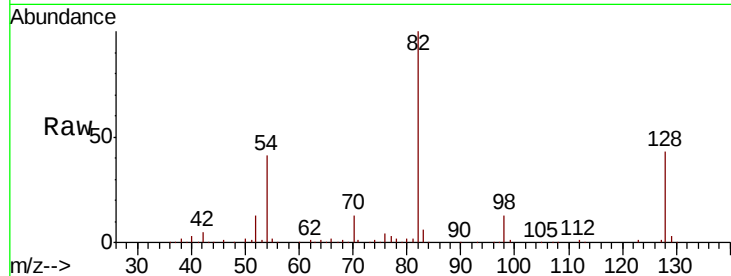




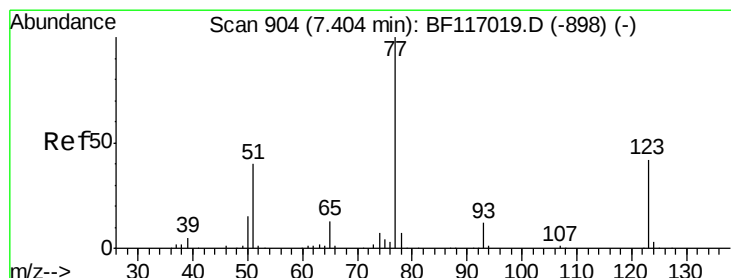
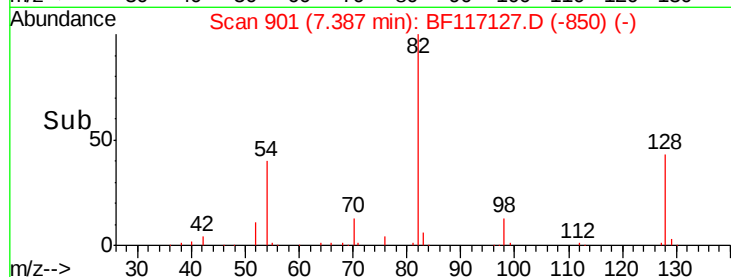
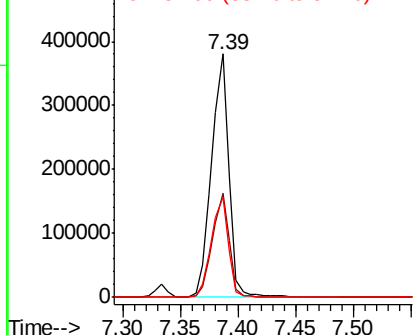
#23
 Nitrobenzene-d5
 Concen: 78.487 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 400404
 Ion Ratio Lower Upper
 82 100
 128 42.6 32.3 48.5
 54 41.3 33.3 49.9

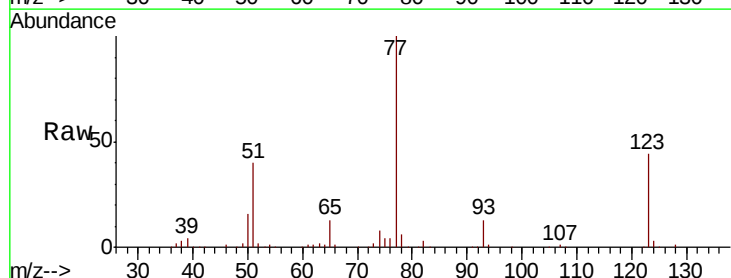


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

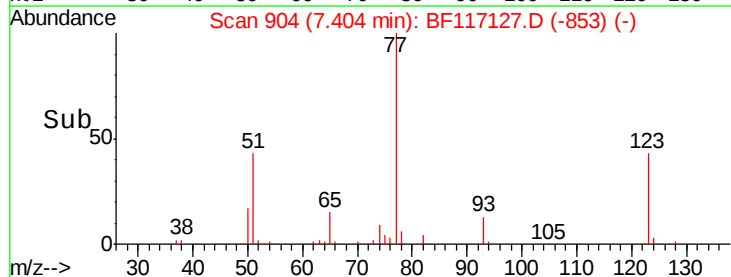
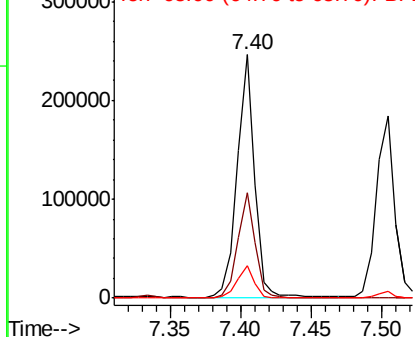


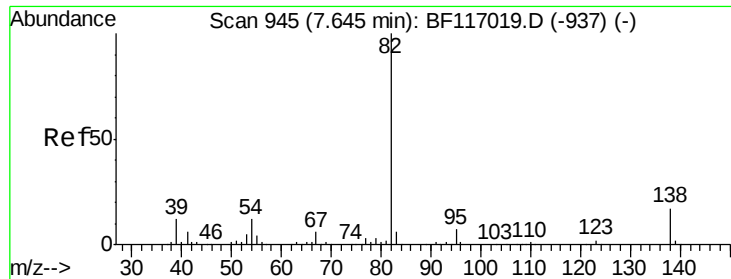
#24
 Nitrobenzene
 Concen: 41.996 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion: 77 Resp: 211574
 Ion Ratio Lower Upper
 77 100
 123 43.5 33.5 50.3
 65 13.4 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: 41.435 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

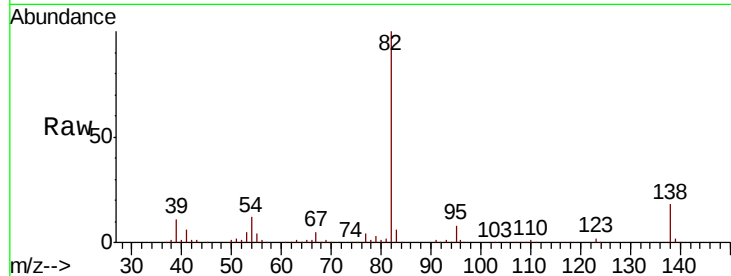
Tot Ion: 82 Resp: 374266

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

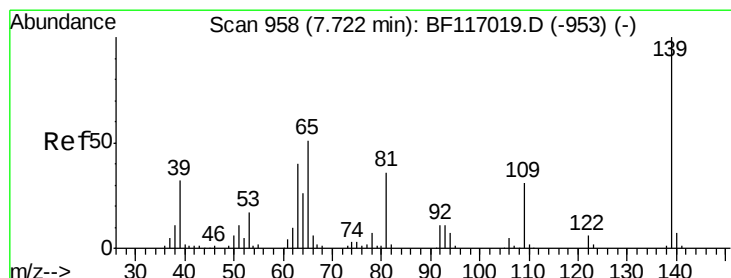
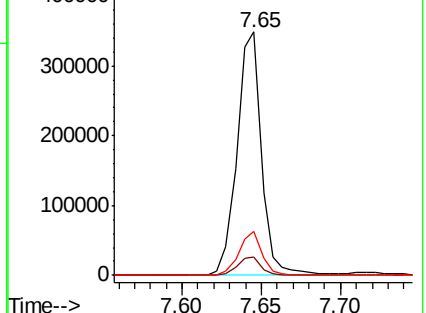
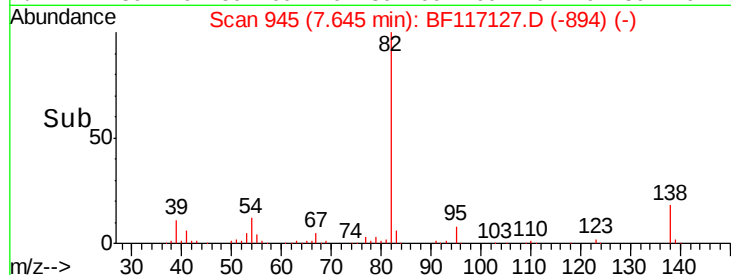
138 18.1 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.704 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

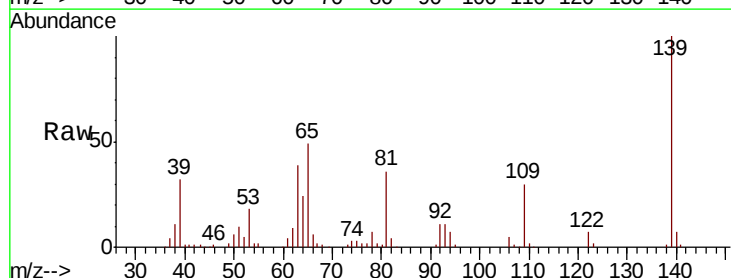
Tgt Ion: 139 Resp: 98903

Ion Ratio Lower Upper

139 100

109 29.8 24.6 36.8

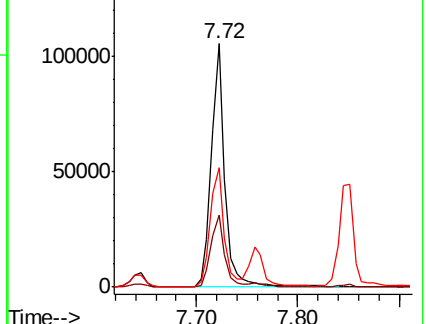
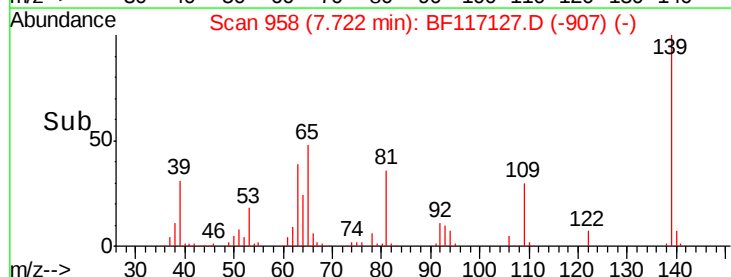
65 48.9 40.9 61.3

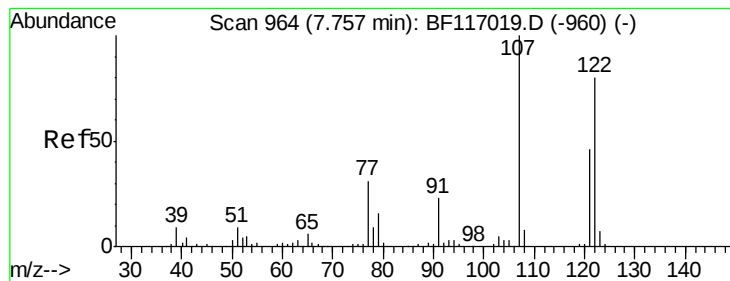


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.132 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

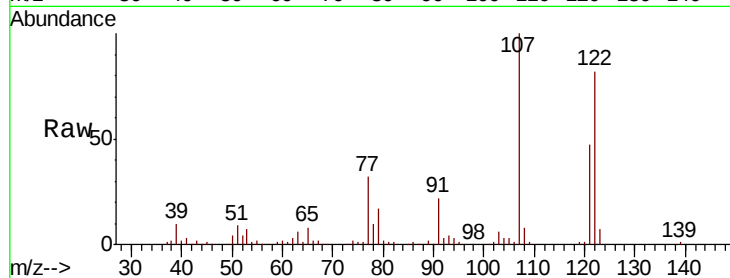
Tot Ion:122 Resp: 165172

Ion Ratio Lower Upper

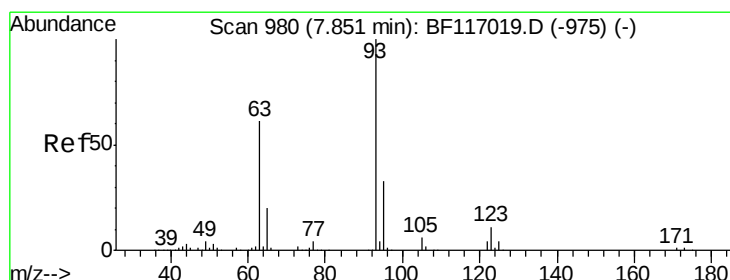
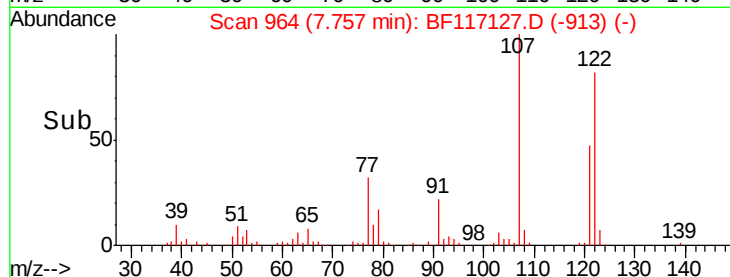
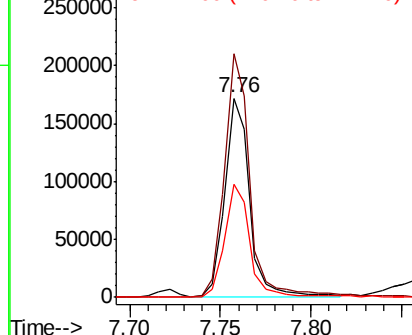
122 100

107 122.1 98.9 148.3

121 57.0 45.3 67.9



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



#28

bis(2-Chloroethoxy)methane

Concen: 40.883 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

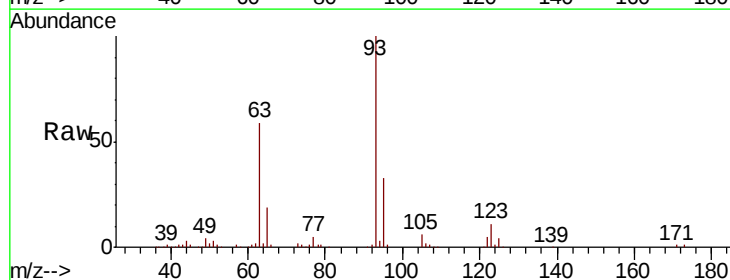
Tgt Ion: 93 Resp: 227520

Ion Ratio Lower Upper

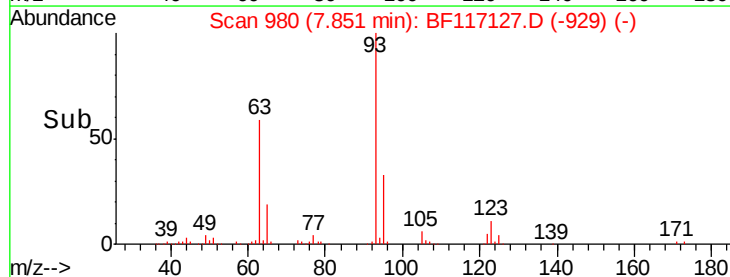
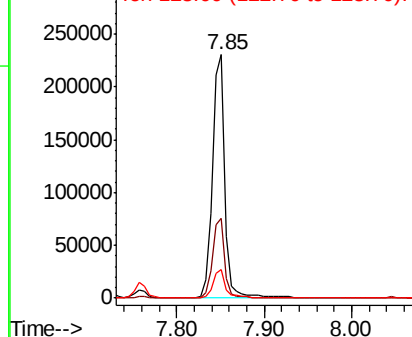
93 100

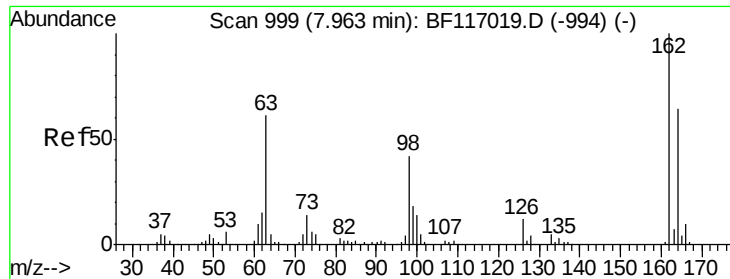
95 32.8 26.2 39.4

123 11.5 9.0 13.6



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

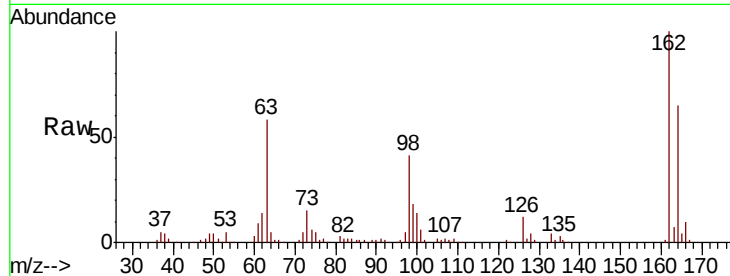




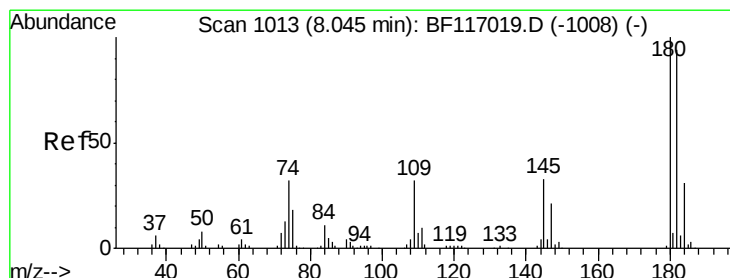
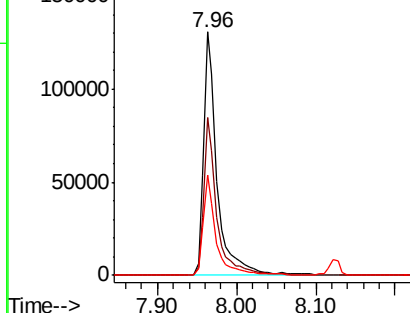
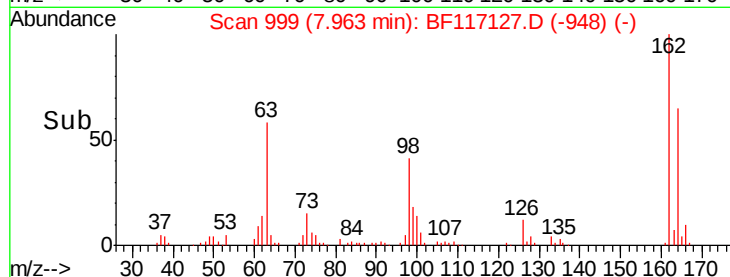
#29
 2,4-Dichlorophenol
 Concen: 43.827 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.8	83.8
98	41.3	22.1	62.1

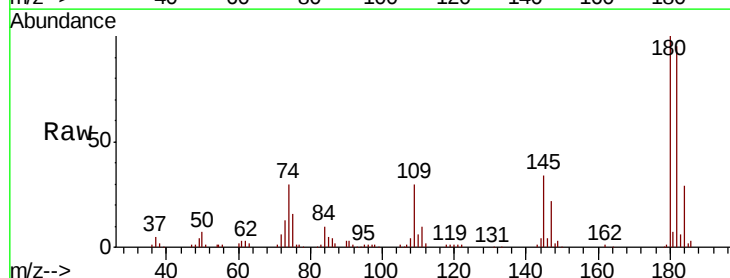


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

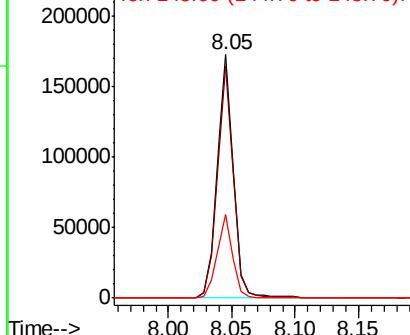
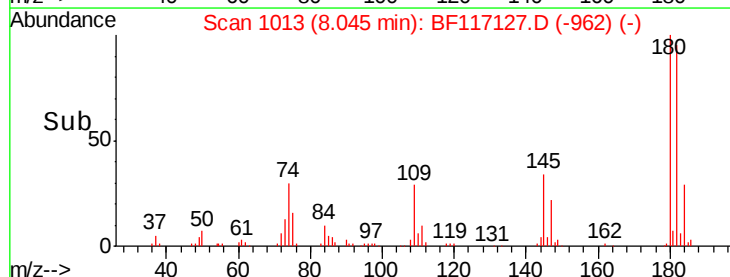


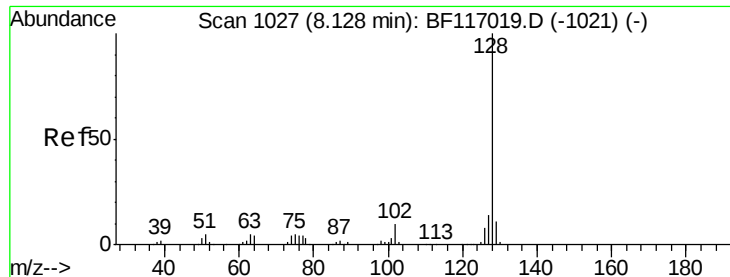
#30
 1,2,4-Trichlorobenzene
 Concen: 40.272 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.4	113.0
145	34.2	26.7	40.1



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

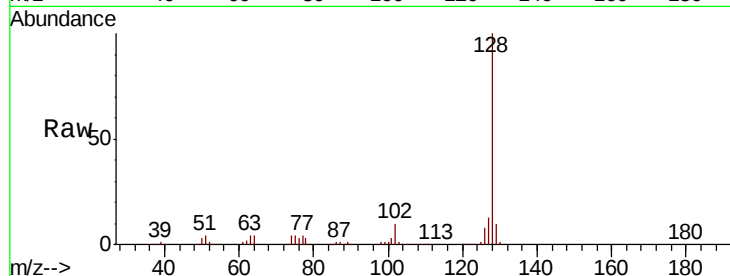




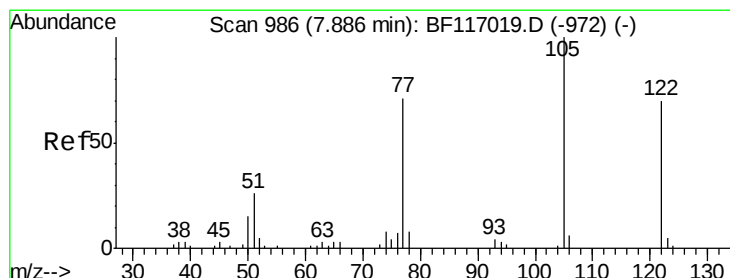
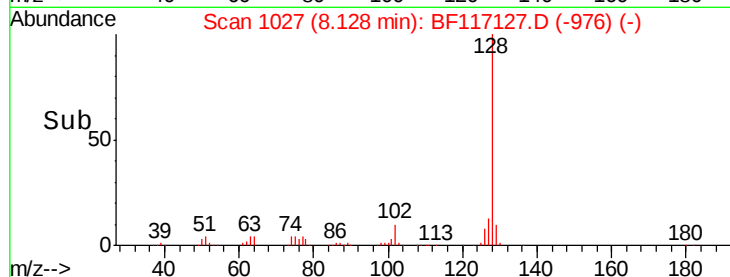
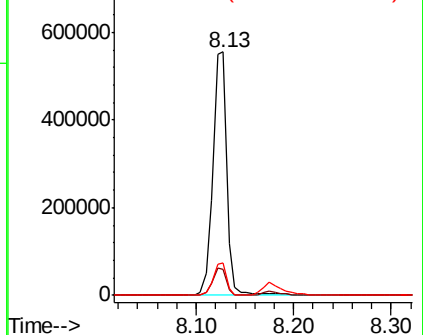
#31
Naphthalene
Concen: 42.976 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 554023
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.3 10.8 16.2

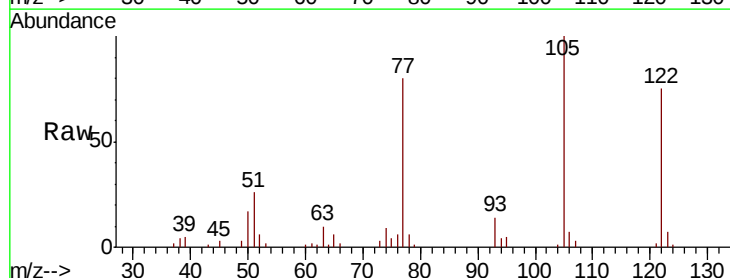


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

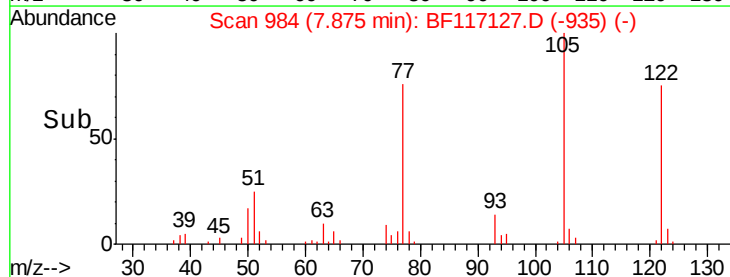
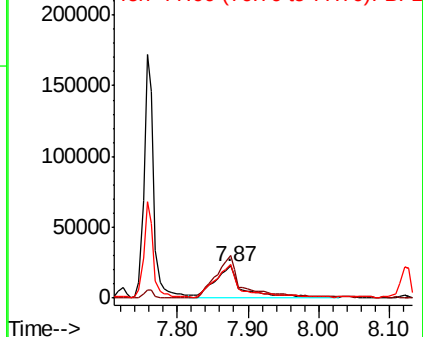


#32
Benzoic acid
Concen: 26.239 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:122 Resp: 59011
Ion Ratio Lower Upper
122 100
105 133.0 114.8 154.8
77 106.3 78.7 118.7



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

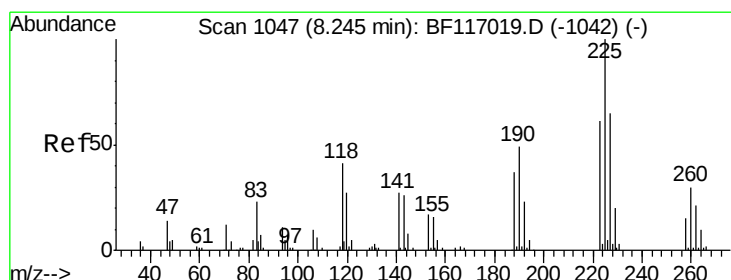
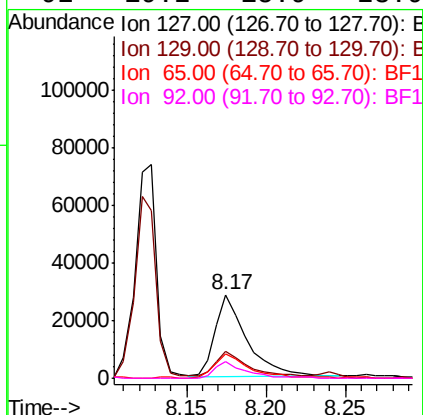
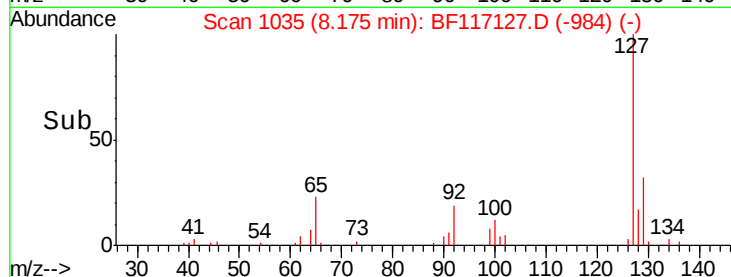
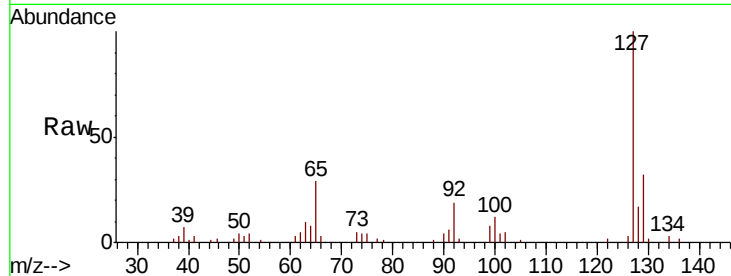




#33
4-Chloroaniline
Concen: 6.977 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

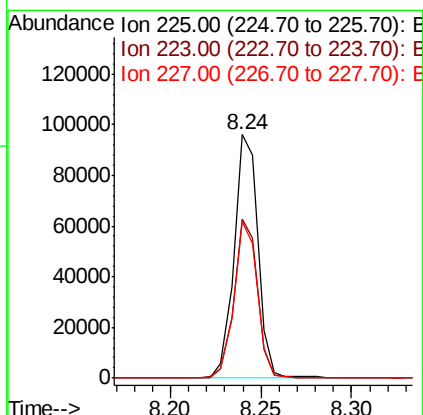
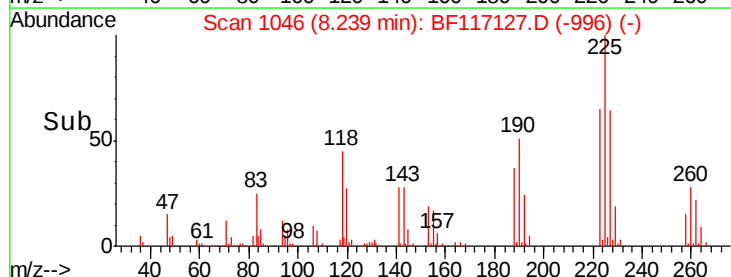
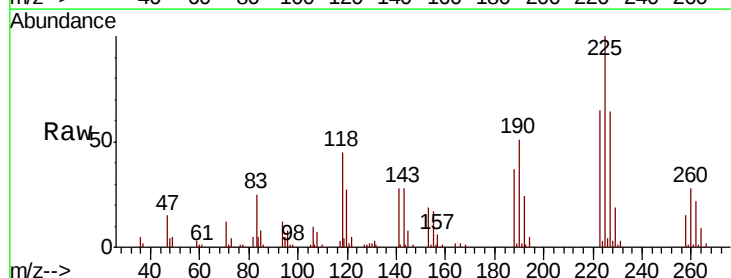
Instrument :
BNA_F
ClientSampleId :

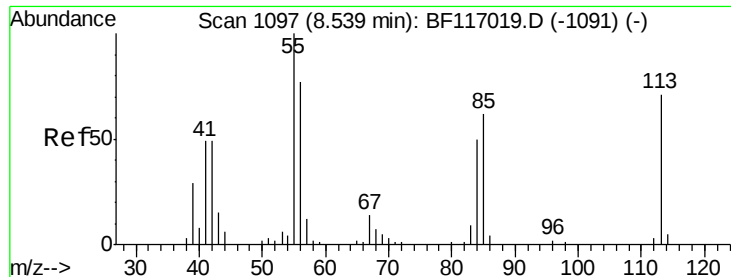
Tot Ion:127	Resp:	39893
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.2 39.2
65	28.9	23.5 35.3
92	19.2	15.9 23.9



#34
Hexachlorobutadiene
Concen: 39.909 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:225	Resp:	87959
Ion Ratio	Lower	Upper
225	100	
223	65.2	49.1 73.7
227	64.4	52.2 78.2

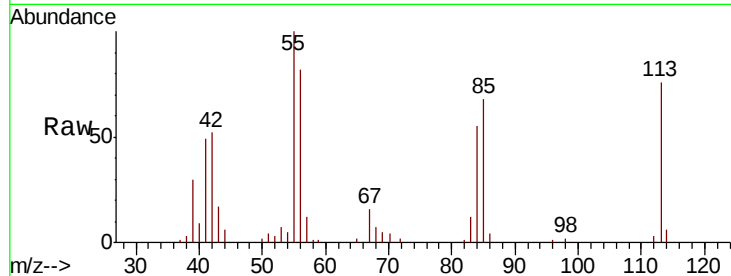




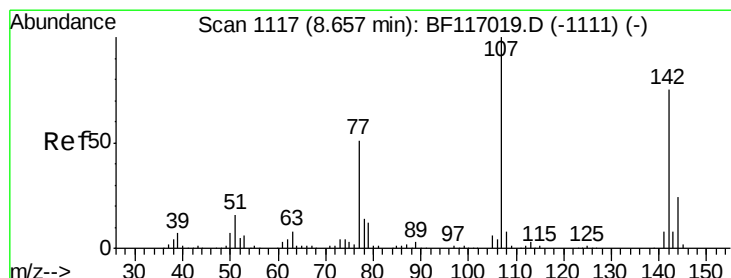
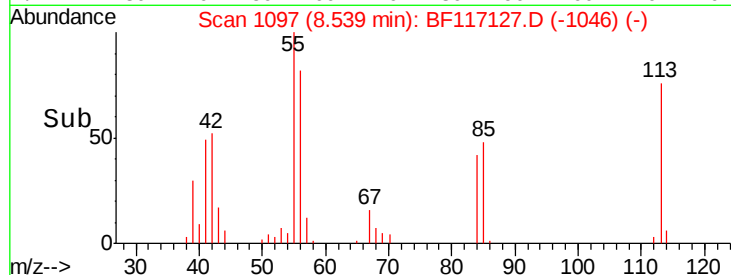
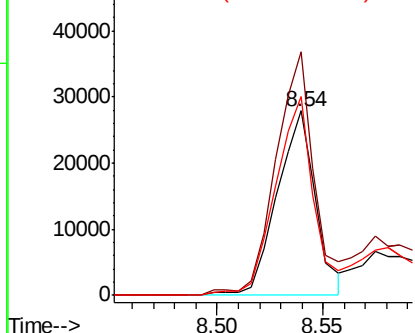
#35
 Caprolactam
 Concen: 28.862 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 35127
 Ion Ratio Lower Upper
 113 100
 55 132.1 120.6 160.6
 56 107.8 88.8 128.8

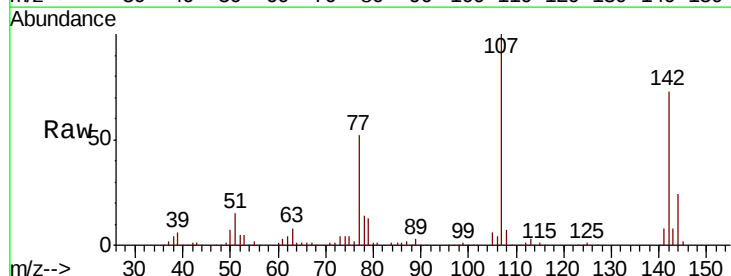


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

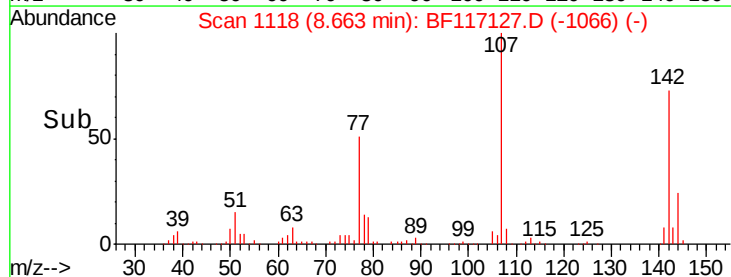
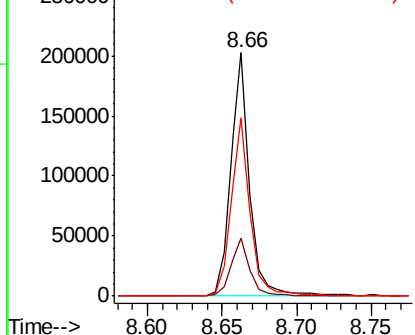


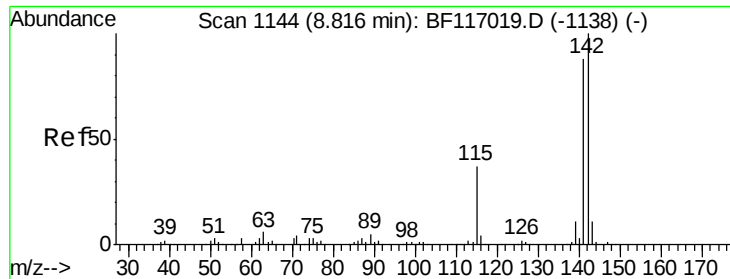
#36
 4-Chloro-3-methylphenol
 Concen: 43.248 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion:107 Resp: 181323
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.2 28.8
 142 73.4 59.6 89.4



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

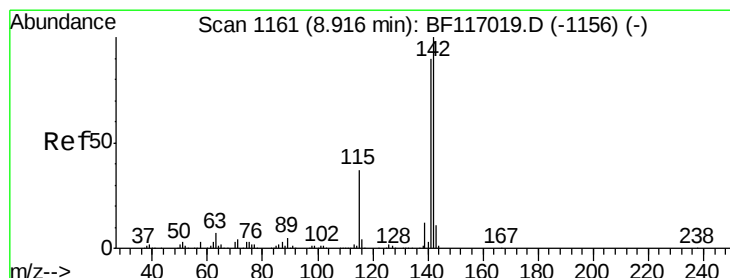
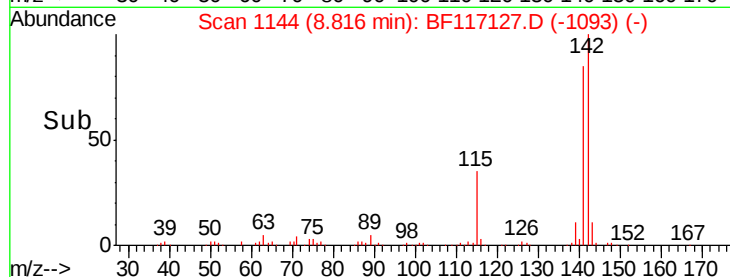
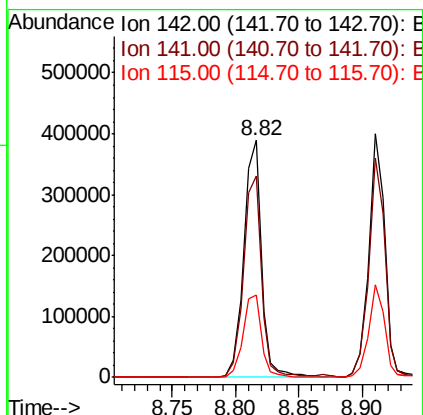
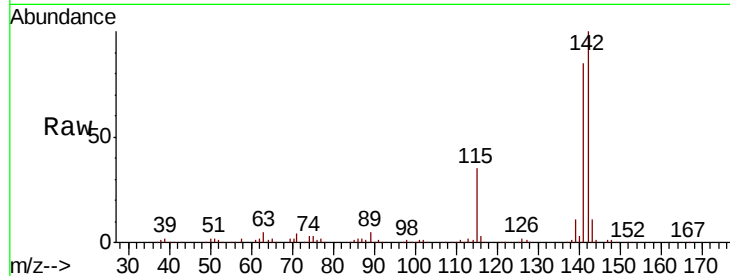




#37
 2-Methylnaphthalene
 Concen: 43.205 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

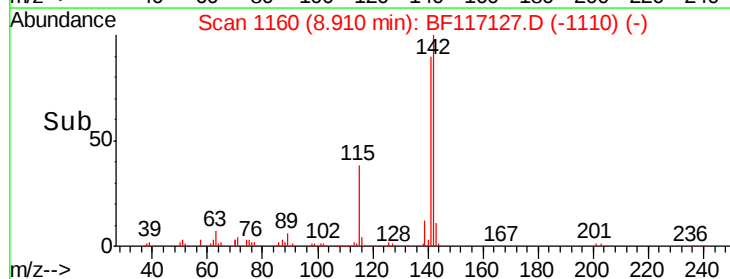
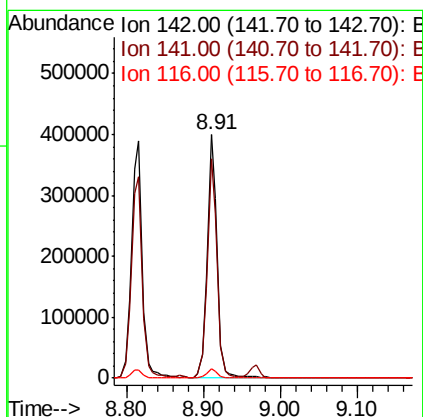
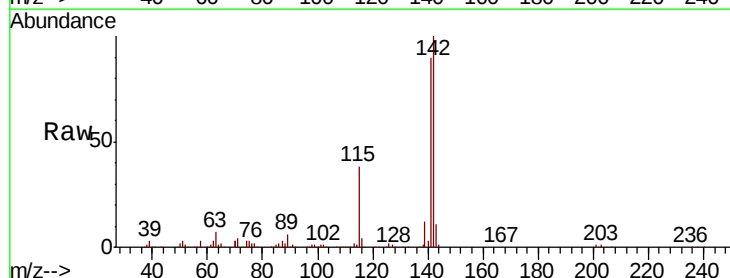
Instrument :
 BNA_F
 ClientSampled :

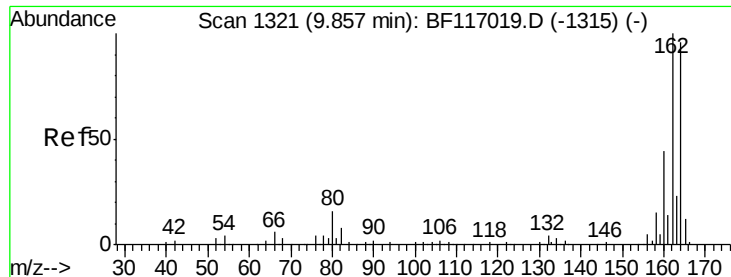
Tot Ion:142 Resp: 375065
 Ion Ratio Lower Upper
 142 100
 141 85.2 70.7 106.1
 115 35.0 29.4 44.0



#38
 1-Methylnaphthalene
 Concen: 43.612 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion:142 Resp: 354582
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.9 107.9
 116 4.0 3.2 4.8

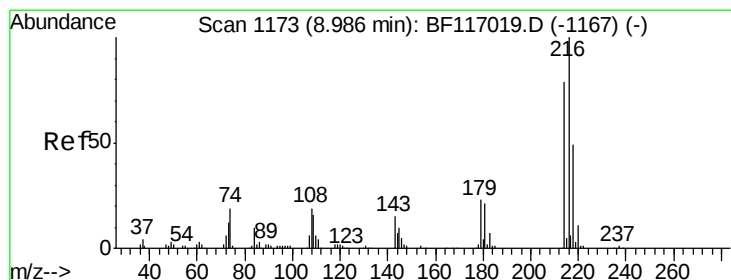
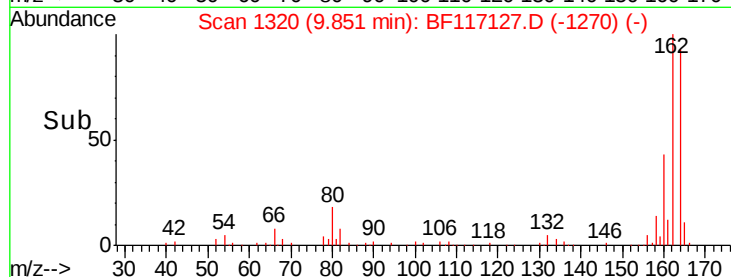
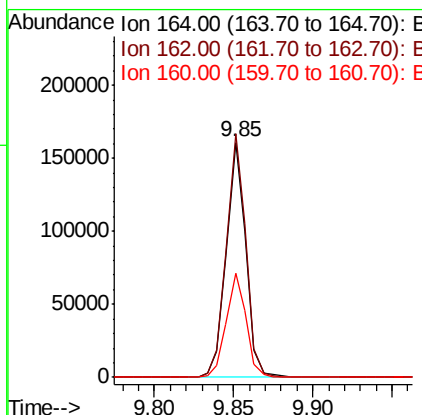
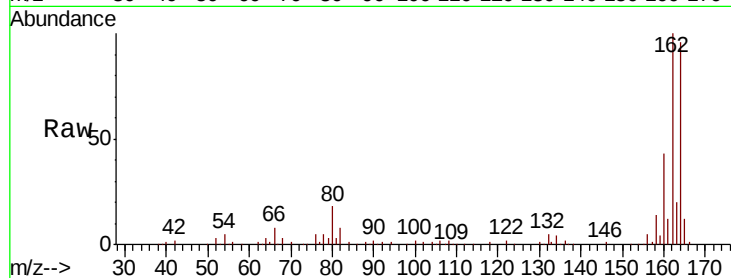




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

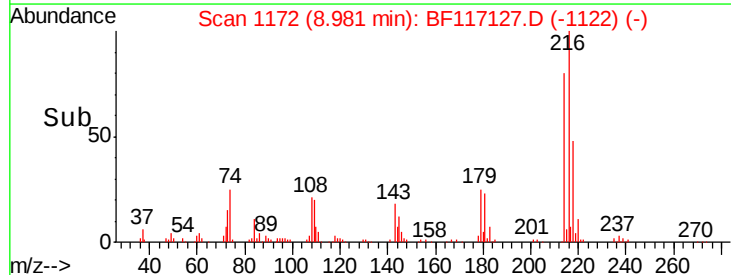
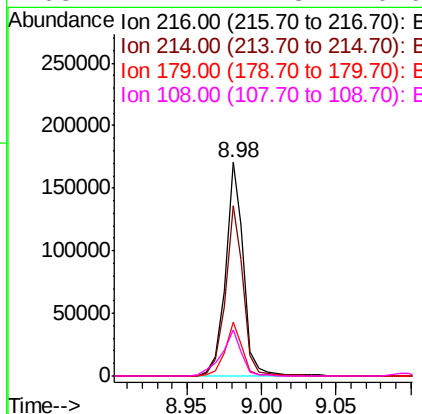
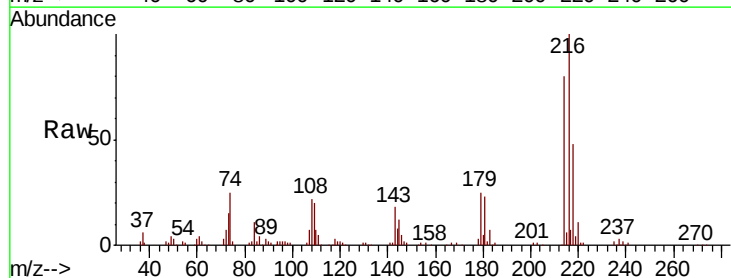
Instrument :
BNA_F
ClientSampleId :

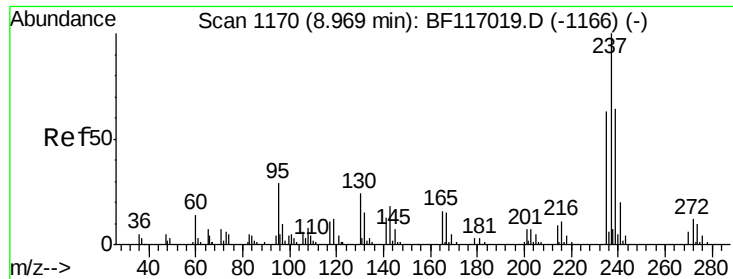
Tot Ion:164 Resp: 137217
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.2
160 44.4 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.150 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:216 Resp: 145806
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 24.2 18.3 27.5
108 24.2 17.8 26.6





#41

Hexachlorocyclopentadiene

Concen: 76.095 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

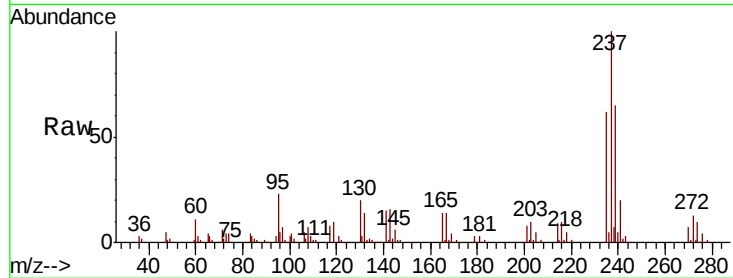
Tot Ion:237 Resp: 118518

Ion Ratio Lower Upper

237 100

235 62.5 43.2 83.2

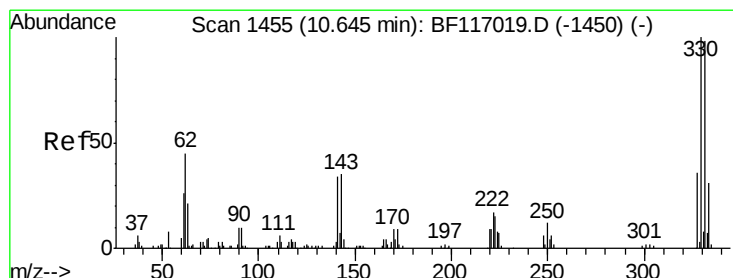
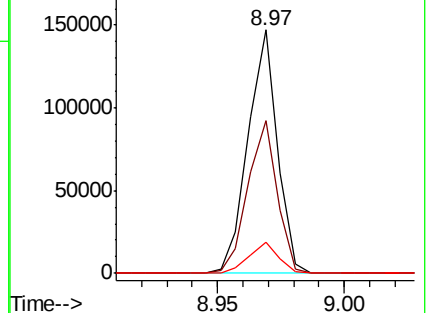
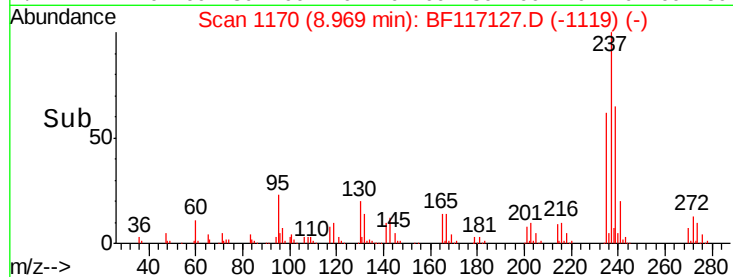
272 13.0 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.369 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

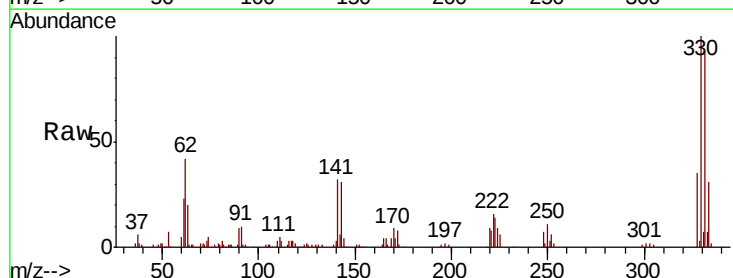
Tgt Ion:330 Resp: 141482

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

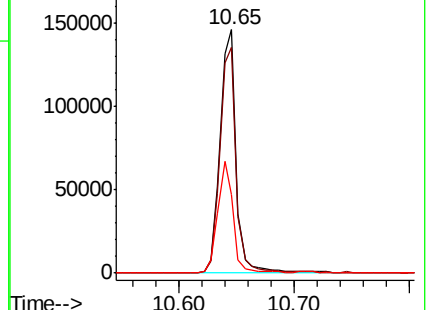
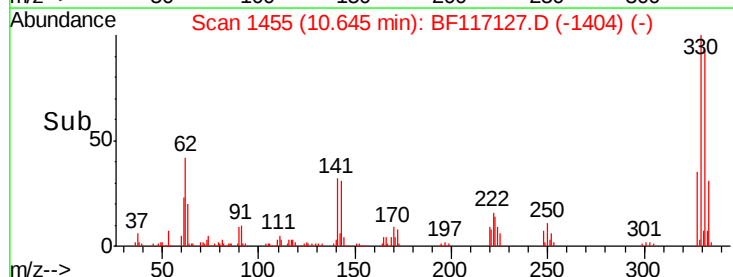
141 43.5 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

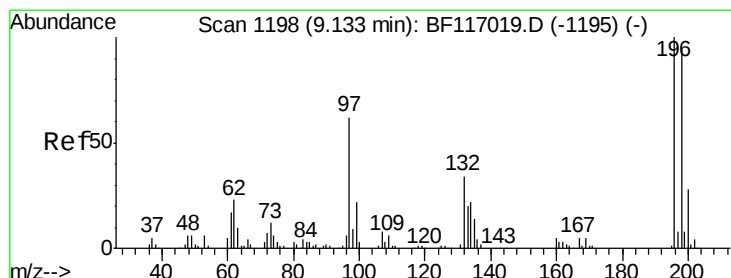
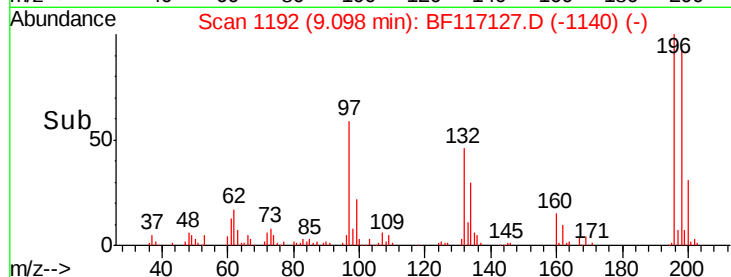
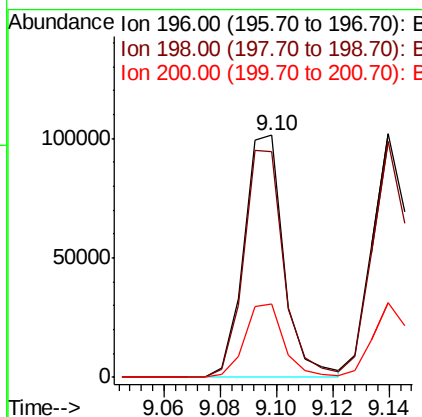
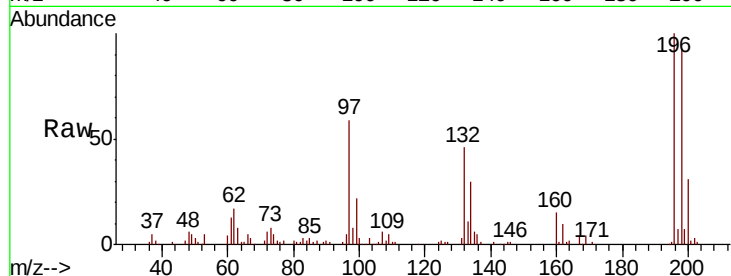




#43
 2,4,6-Trichlorophenol
 Concen: 41.422 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

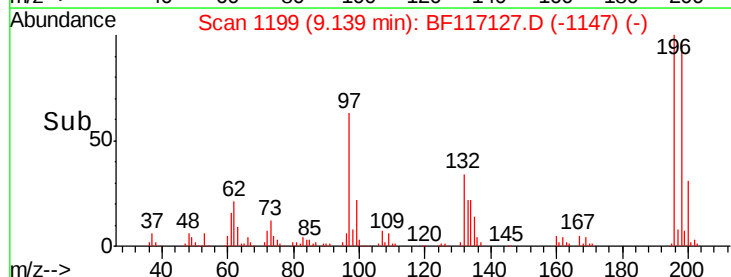
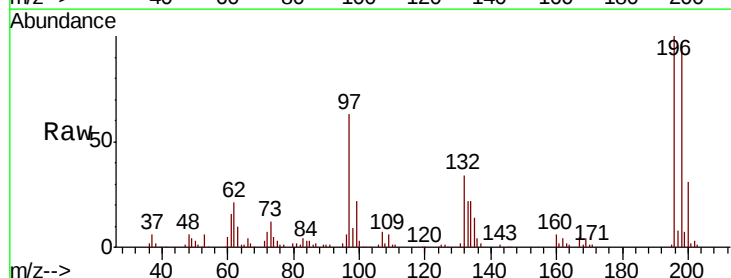
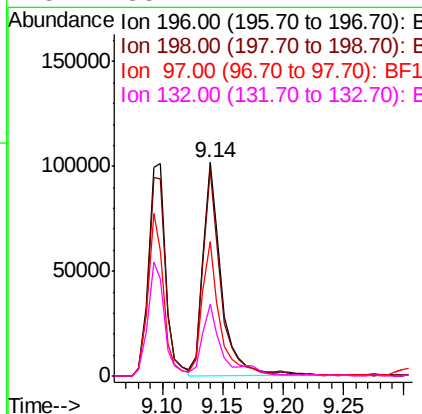
Instrument :
 BNA_F
 ClientSampleId :

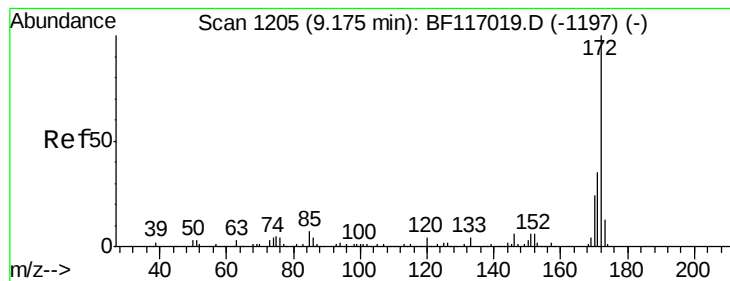
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.7	113.5
200	30.5	23.3	34.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.773 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.6	112.0
97	62.7	49.5	74.3
132	33.7	27.4	41.2





#45

2-Fluorobiphenyl

Concen: 81.065 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

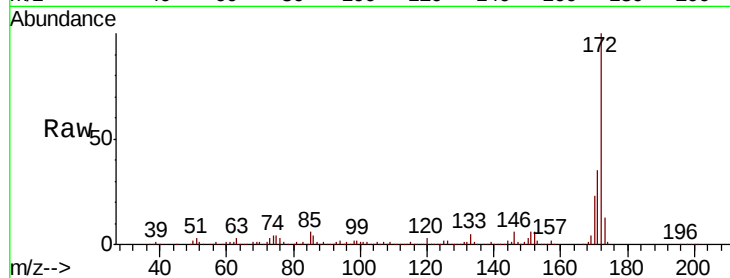
Tot Ion:172 Resp: 711412

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

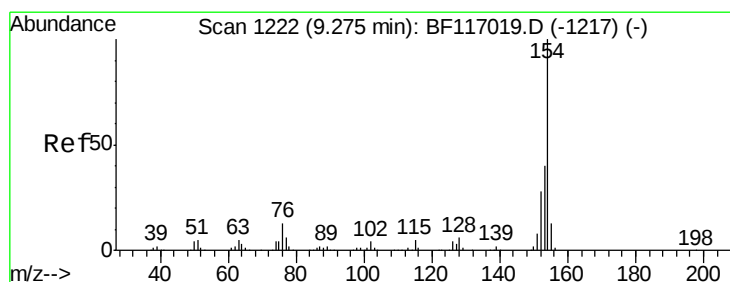
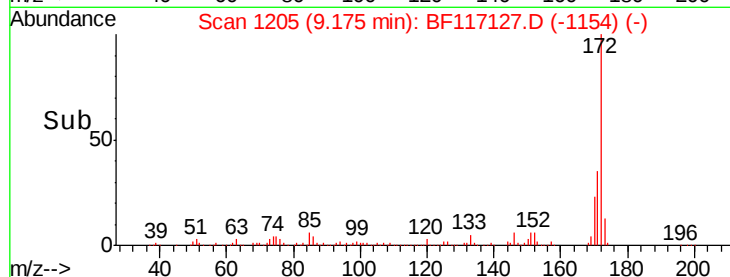
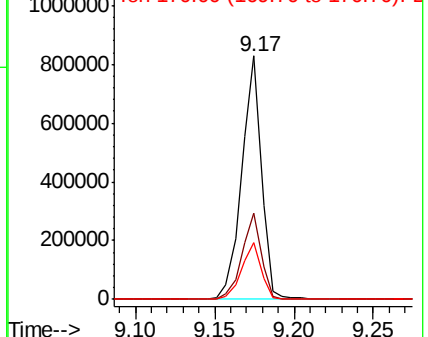
170 23.3 18.9 28.3



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: 41.456 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

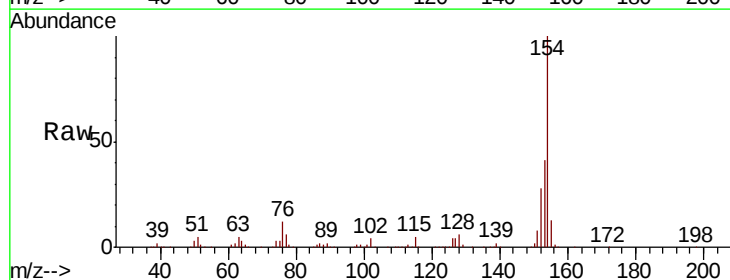
Tgt Ion:154 Resp: 446207

Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

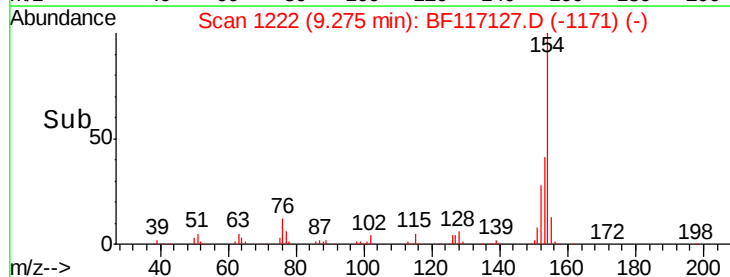
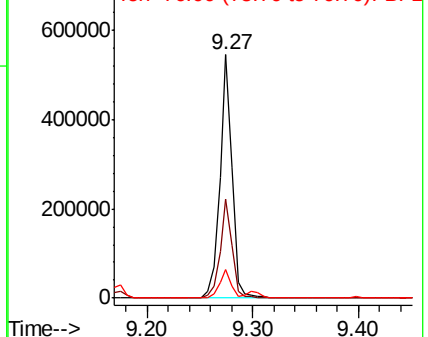
76 11.6 0.0 32.7



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

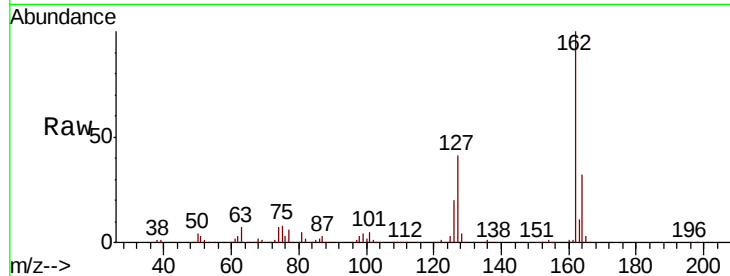




#47
2-Chloronaphthalene
Concen: 41.617 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	34.1	51.1
164	31.8	25.9	38.9

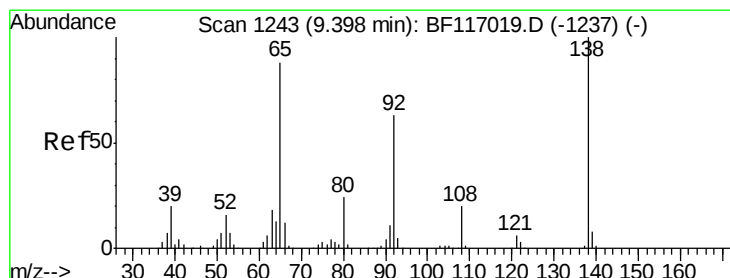
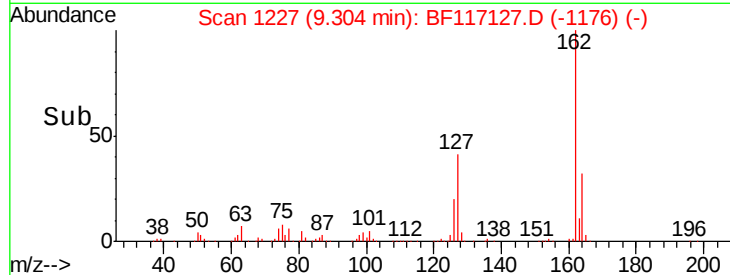
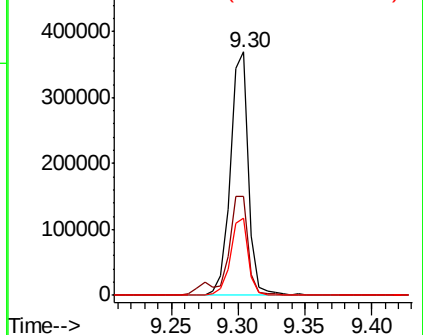


Abundance

Ion 162.00 (161.70 to 162.70): E

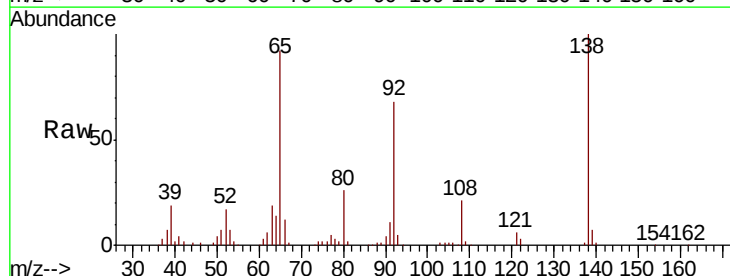
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 41.459 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.5	86.3
138	108.5	90.6	136.0

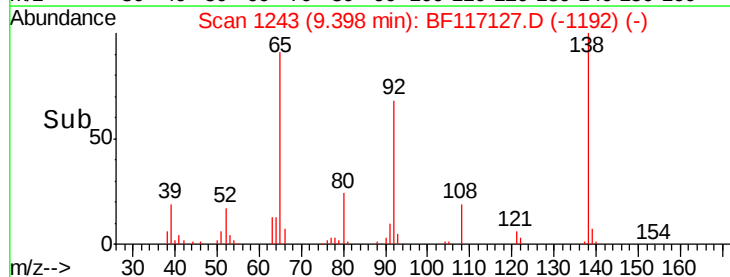
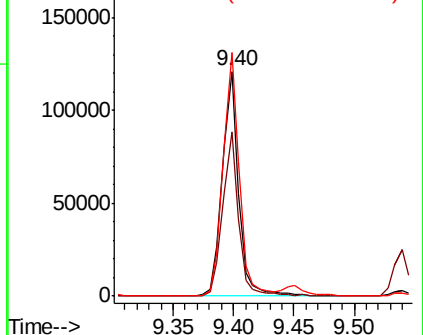


Abundance

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: 43.434 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

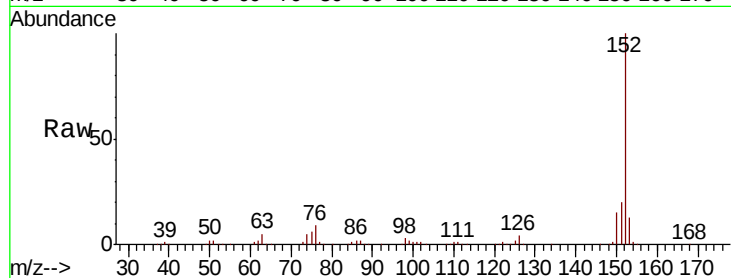
Tot Ion:152 Resp: 552709

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

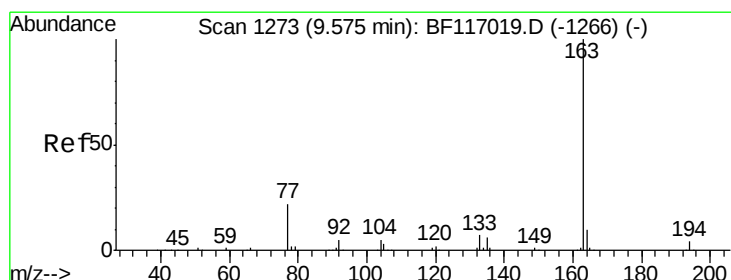
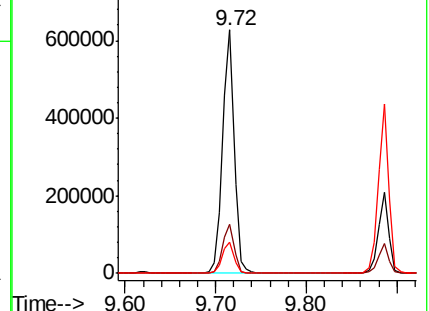
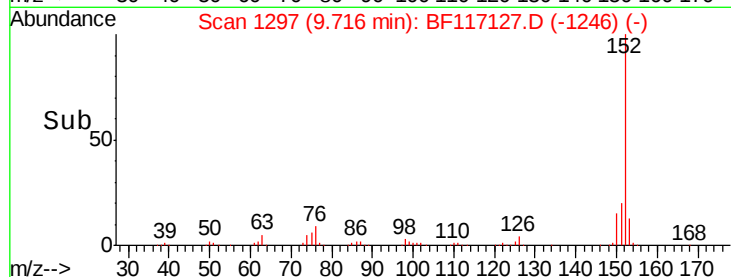
153 12.8 10.2 15.4



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: 49.301 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

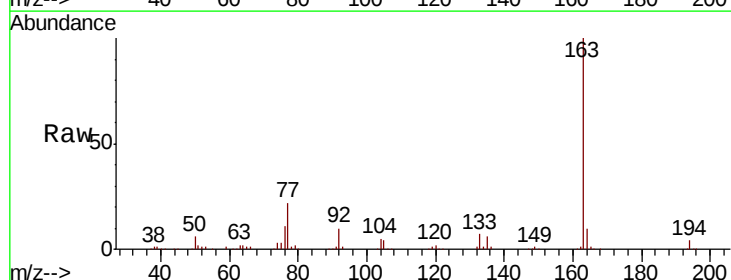
Tgt Ion:163 Resp: 478994

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

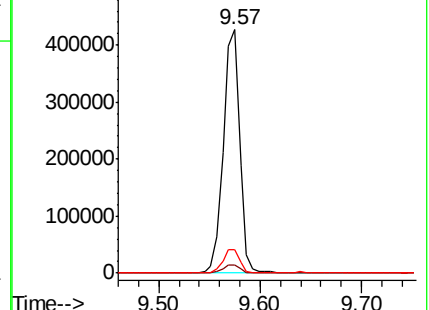
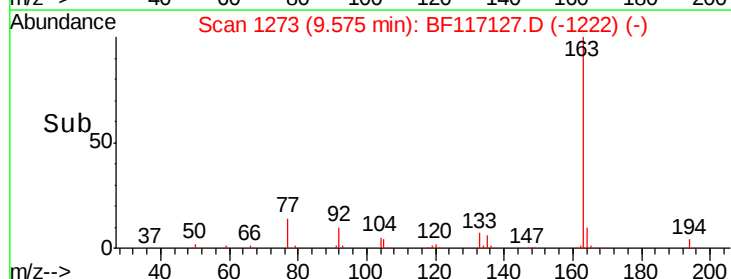
164 9.9 8.2 12.4

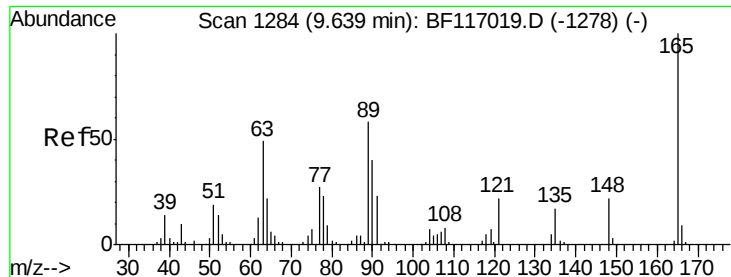


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.253 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

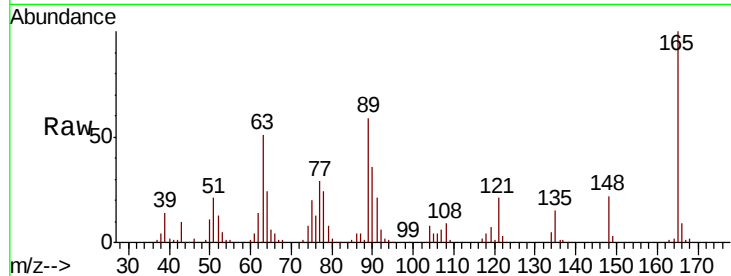
Tot Ion:165 Resp: 91524

Ion Ratio Lower Upper

165 100

63 51.3 41.8 62.8

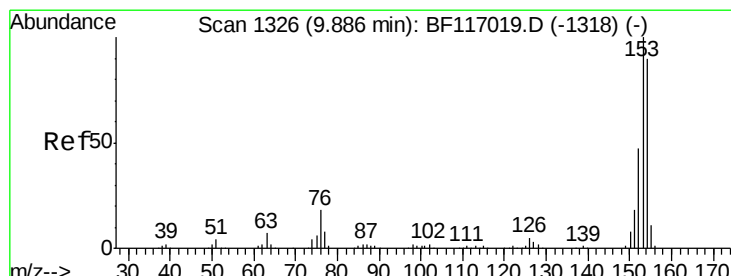
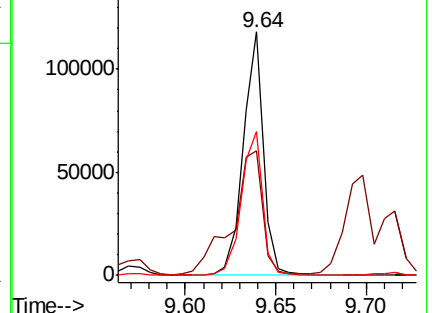
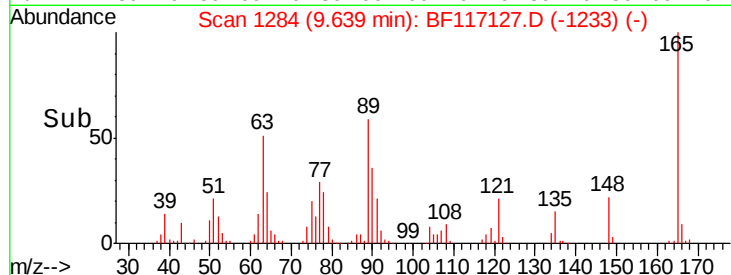
89 59.0 46.5 69.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.119 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

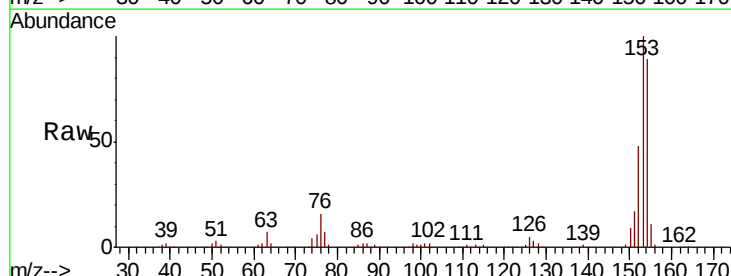
Tgt Ion:154 Resp: 317717

Ion Ratio Lower Upper

154 100

153 112.2 89.0 133.6

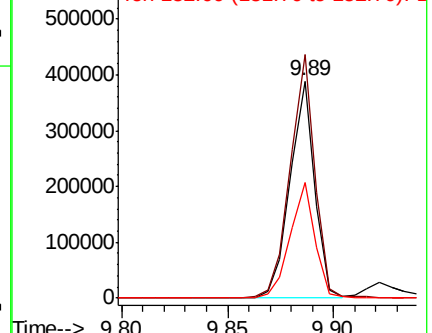
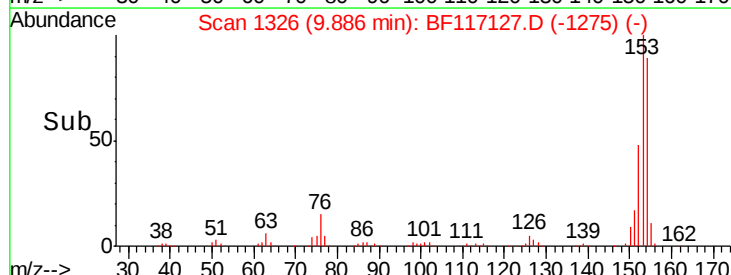
152 53.5 41.9 62.9

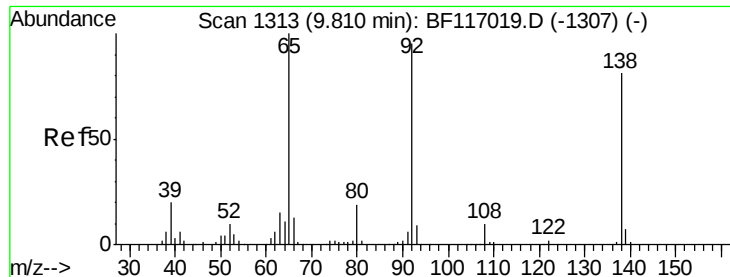


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

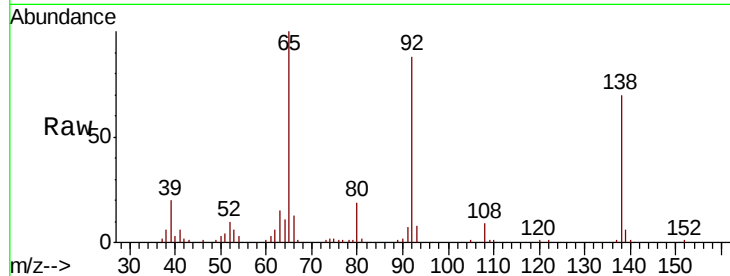




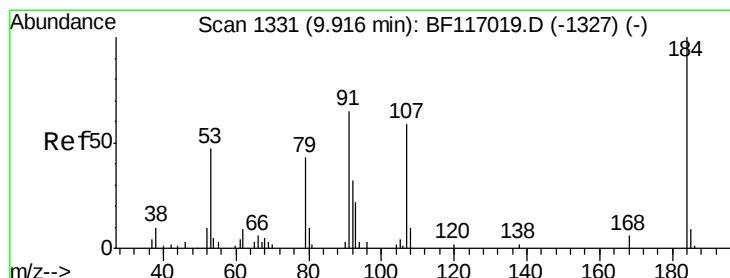
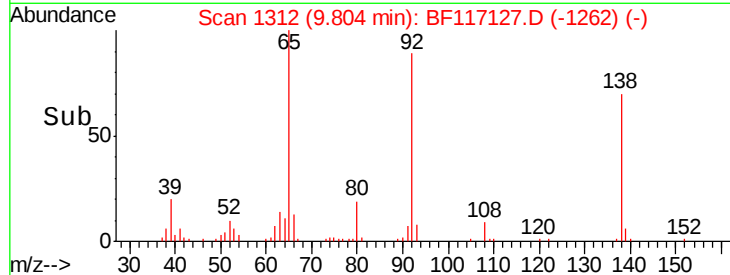
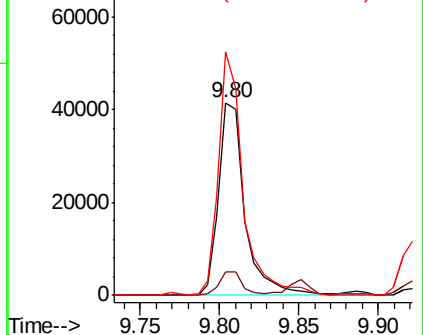
#53
3-Nitroaniline
Concen: 19.123 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 47743
Ion Ratio Lower Upper
138 100
108 12.3 9.5 14.3
92 126.3 94.1 141.1

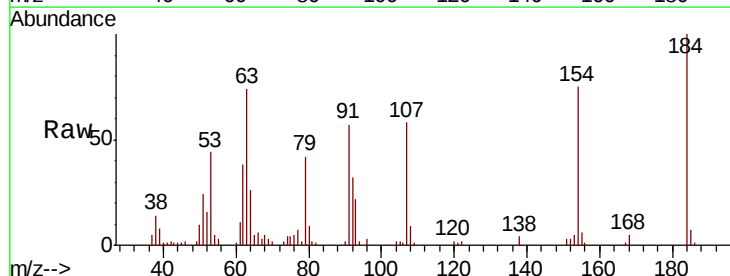


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

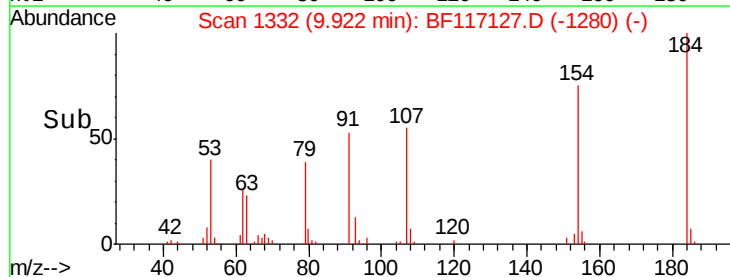
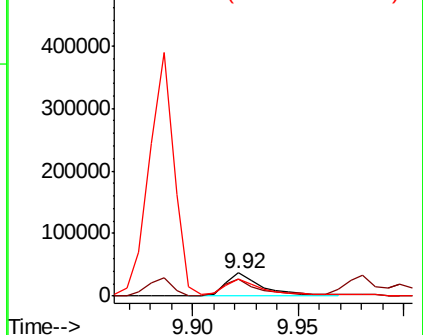


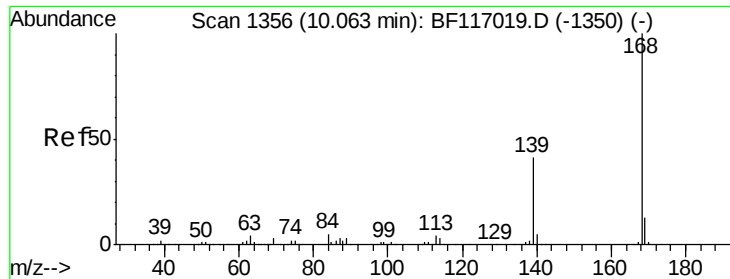
#54
2,4-Dinitrophenol
Concen: 56.520 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:184 Resp: 45695
Ion Ratio Lower Upper
184 100
63 73.8 63.8 95.6
154 75.2 60.4 90.6



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





#55

Dibenzenofuran

Concen: 43.942 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

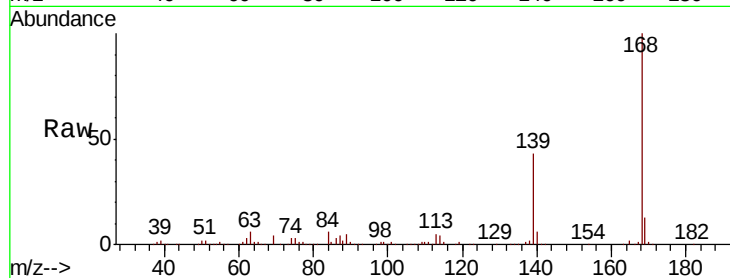
Tot Ion:168 Resp: 489059

Ion Ratio Lower Upper

168 100

139 42.8 32.8 49.2

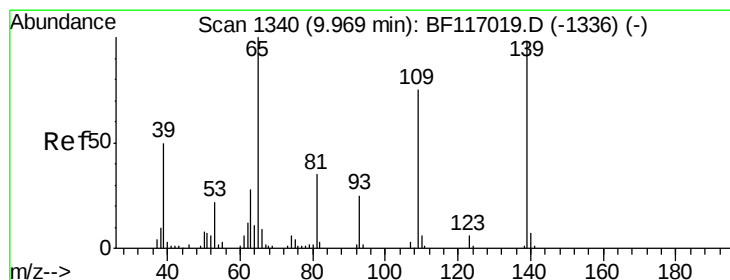
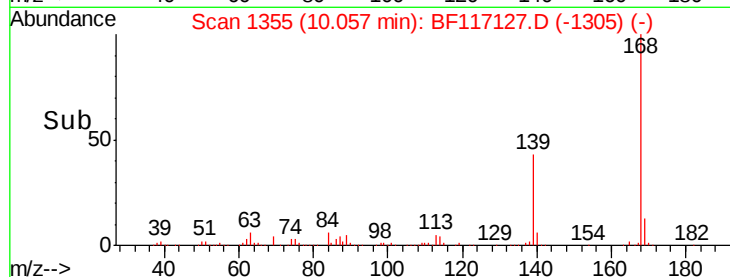
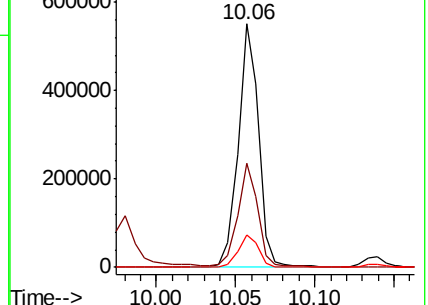
169 13.4 10.5 15.7



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: 76.406 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

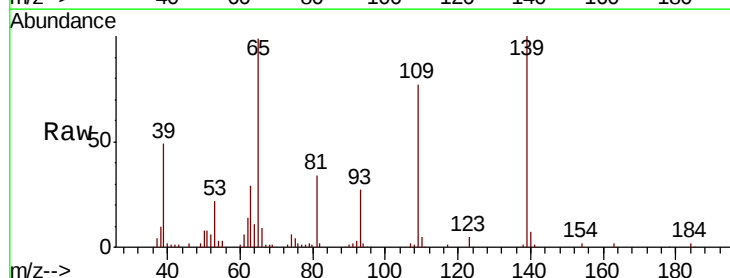
Tgt Ion:139 Resp: 123631

Ion Ratio Lower Upper

139 100

109 77.4 56.4 96.4

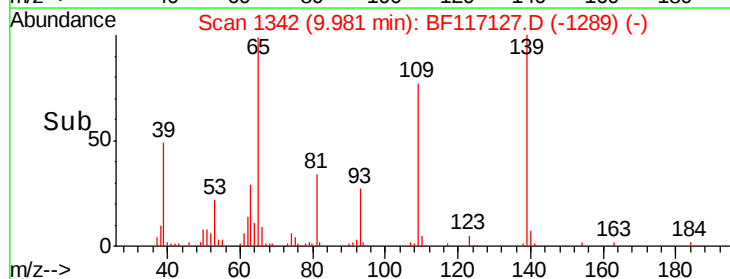
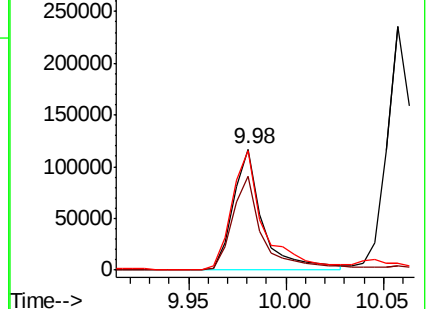
65 98.9 82.5 122.5

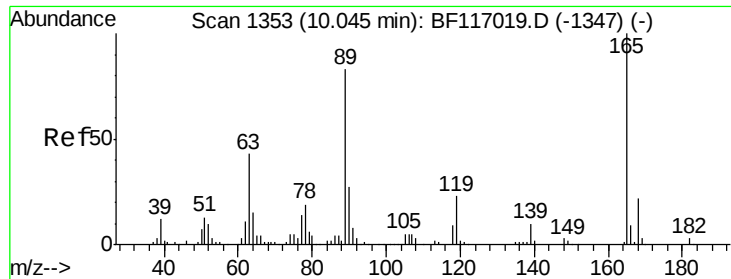


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

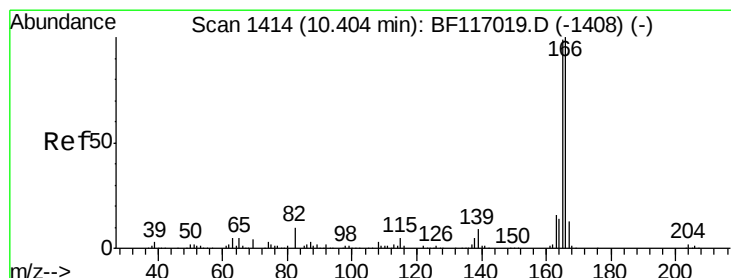
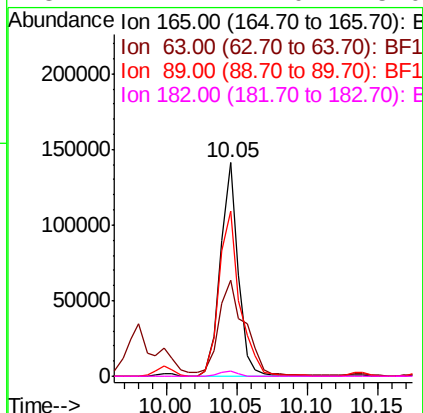
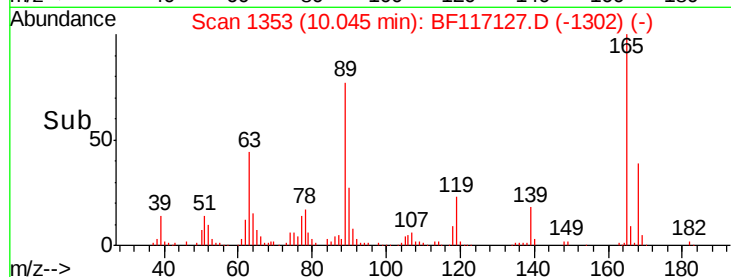
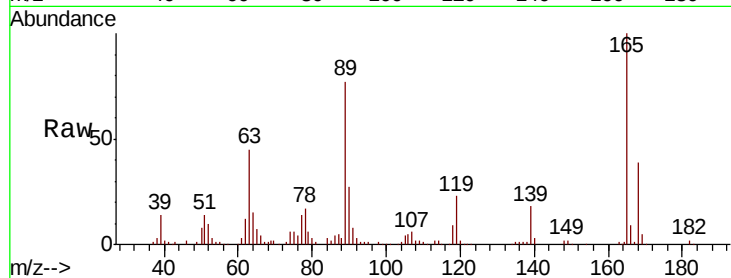




#57
2,4-Dinitrotoluene
Concen: 48.447 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

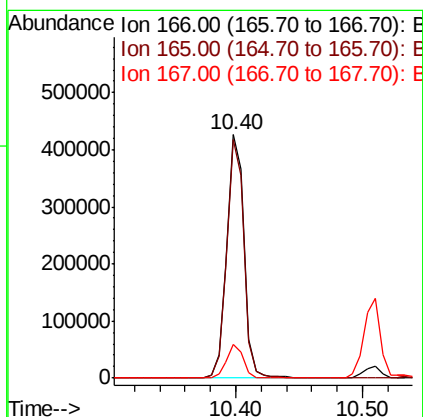
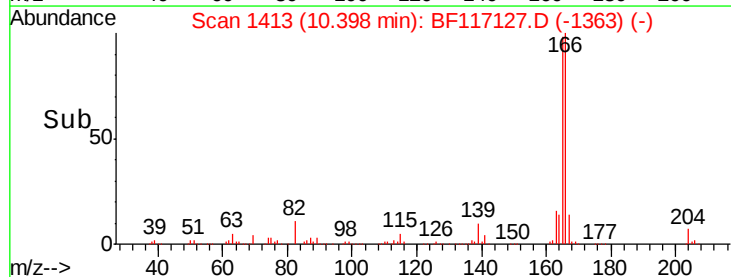
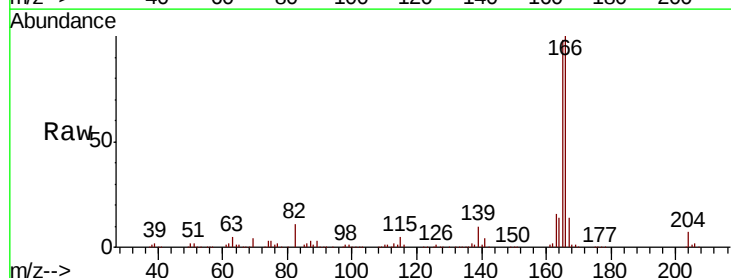
Instrument :
BNA_F
ClientSampleId :

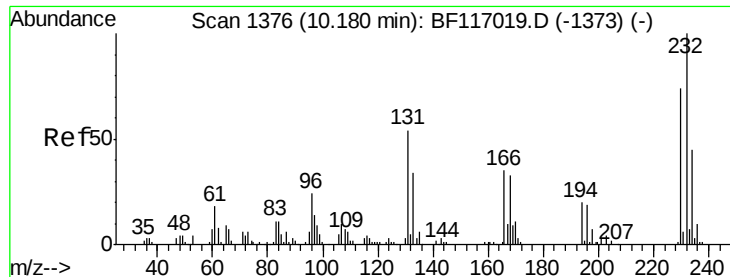
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	44.7	35.0	52.4	
89	77.1	66.1	99.1	
182	2.2	2.0	3.0	



#58
Fluorene
Concen: 44.638 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	97.7	78.9	118.3	
167	13.7	10.6	15.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.659 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 83867

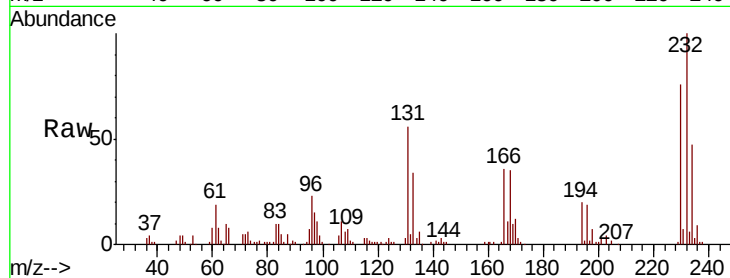
Ion Ratio Lower Upper

232 100

131 55.2 45.3 67.9

130 2.5 1.8 2.8

166 36.3 29.4 44.2

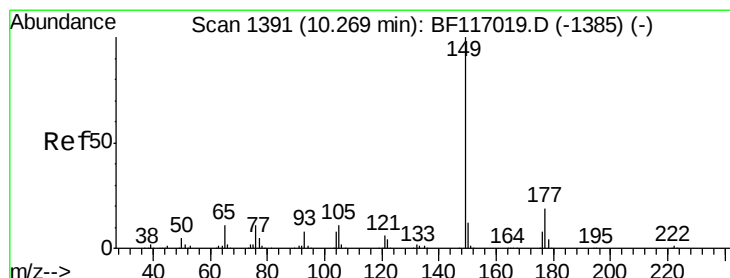
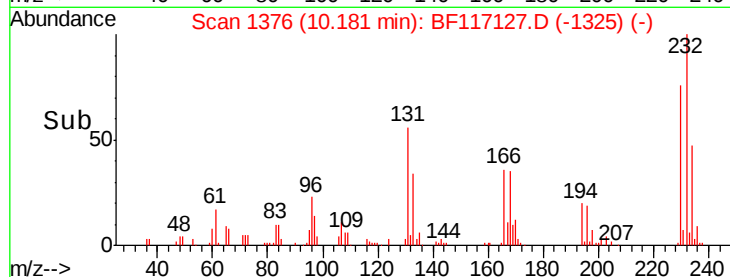
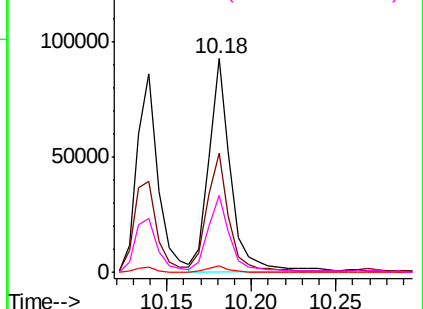


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.331 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

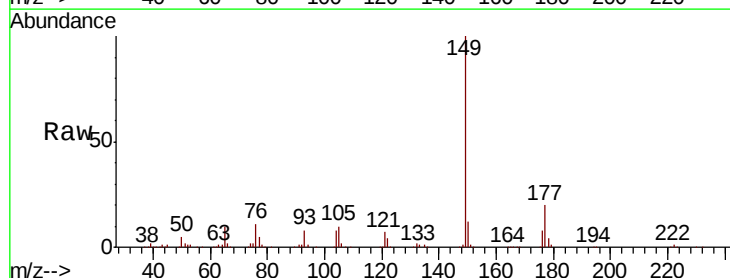
Tgt Ion:149 Resp: 414177

Ion Ratio Lower Upper

149 100

177 20.3 15.2 22.8

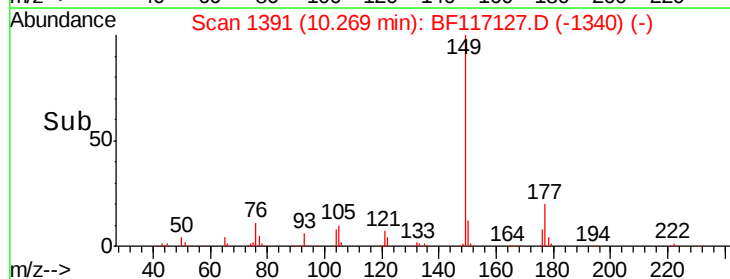
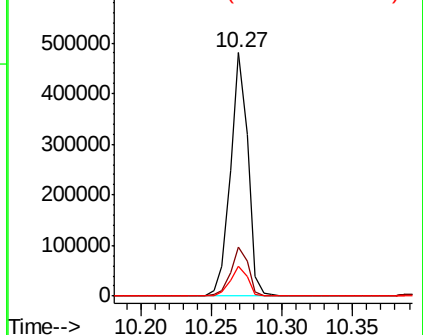
150 12.4 9.9 14.9

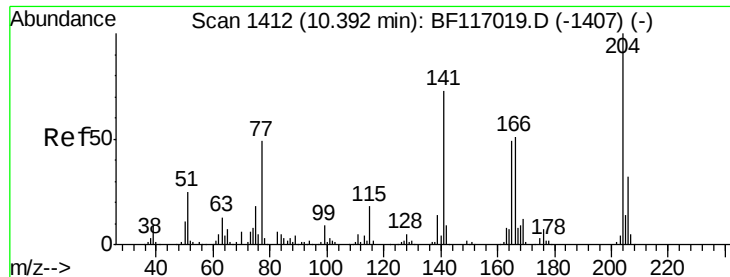


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

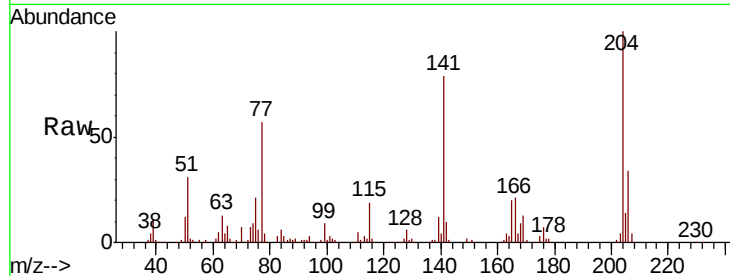




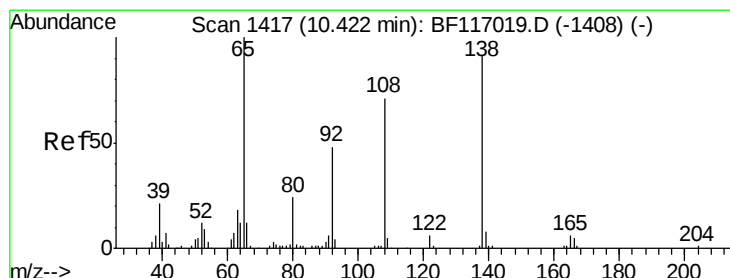
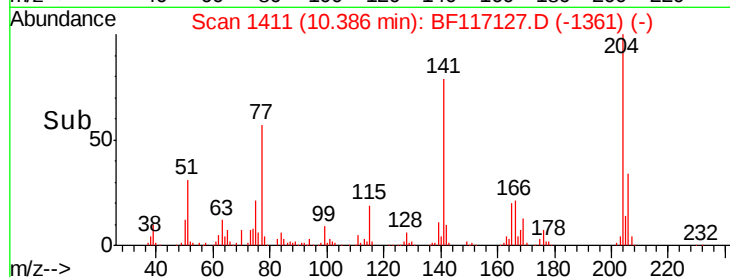
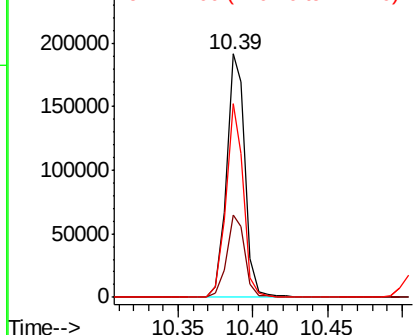
#61
4-Chlorophenyl-phenylether
Concen: 43.628 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 169234
Ion Ratio Lower Upper
204 100
206 33.9 26.0 39.0
141 79.4 58.2 87.2

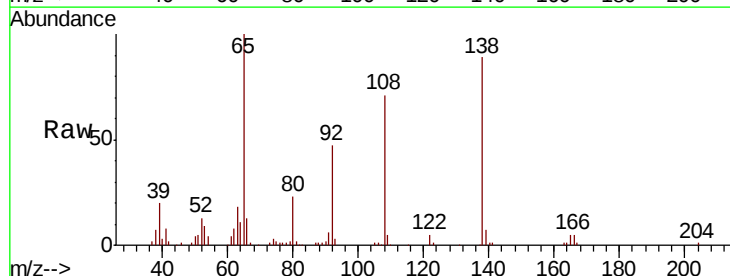


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

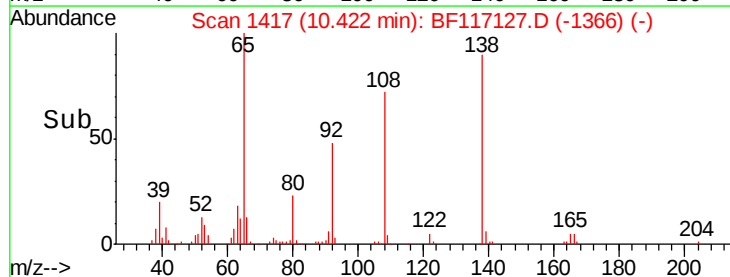
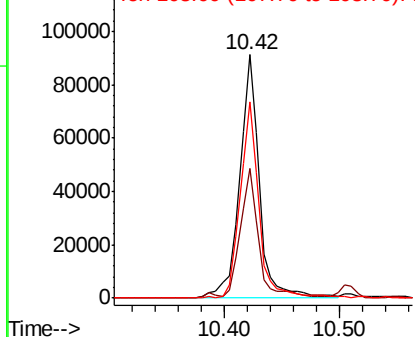


#62
4-Nitroaniline
Concen: 41.881 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:138 Resp: 108738
Ion Ratio Lower Upper
138 100
92 53.0 32.9 72.9
108 80.4 58.3 98.3



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





#63

Azobenzene

Concen: 43.092 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 420679

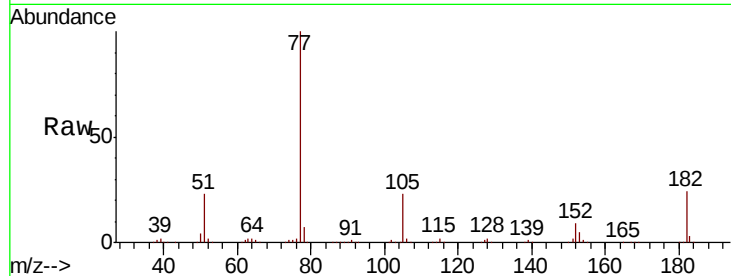
Ion Ratio Lower Upper

77 100

182 24.4 0.4 40.4

105 22.8 0.9 40.9

51 22.8 2.8 42.8

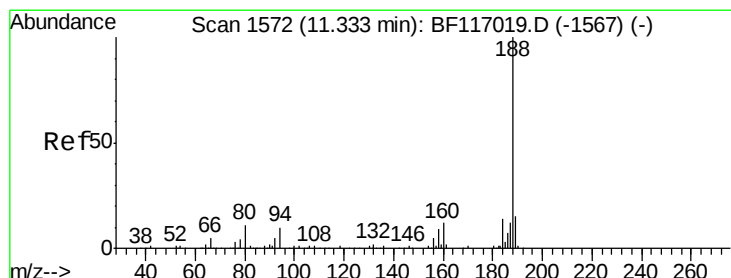
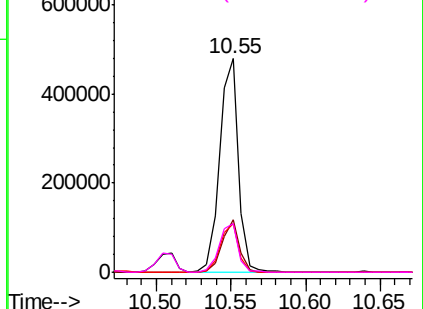
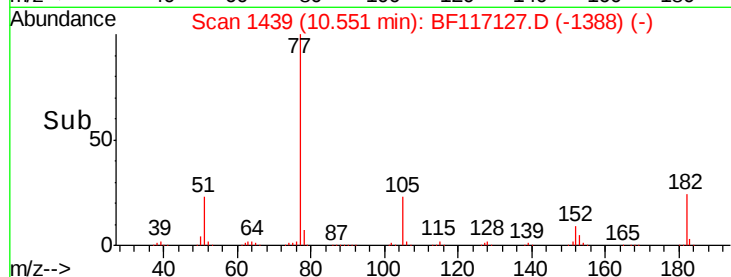


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

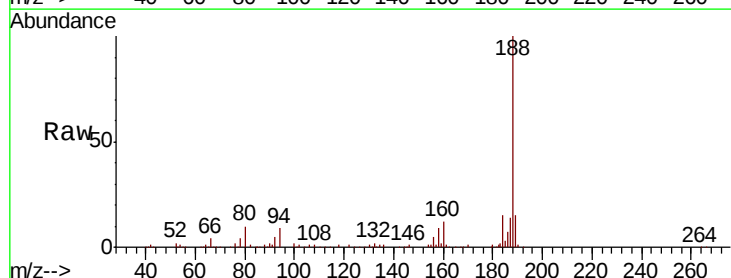
Tgt Ion: 188 Resp: 235954

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

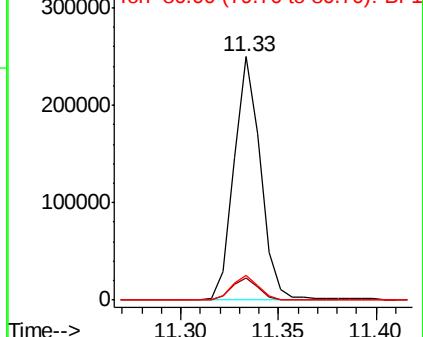
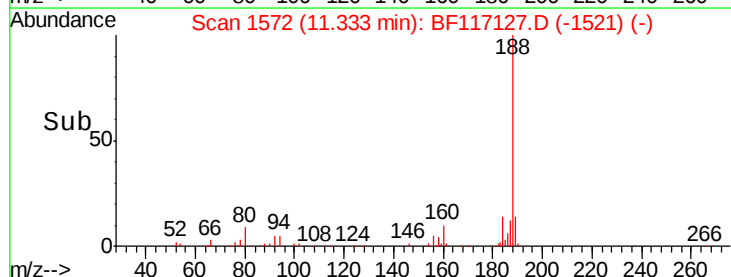
80 10.1 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 40.509 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

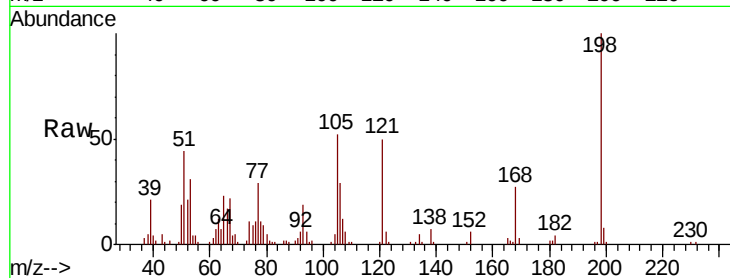
Tot Ion:198 Resp: 42199

Ion Ratio Lower Upper

198 100

51 44.1 18.7 58.7

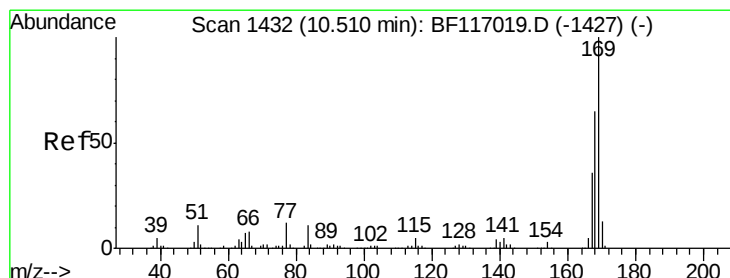
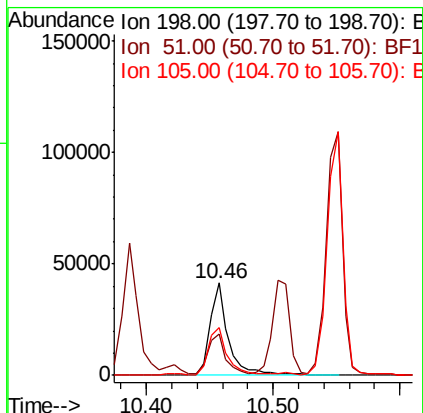
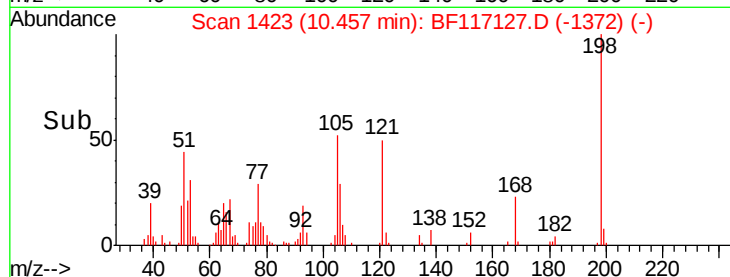
105 52.2 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.223 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

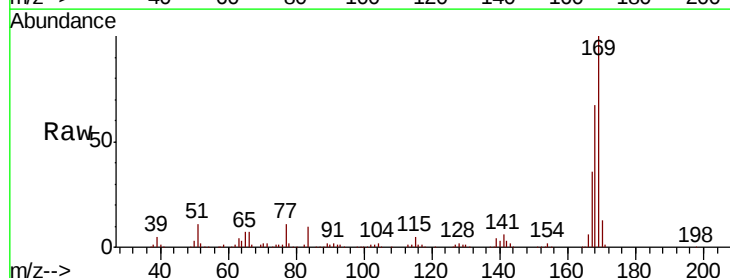
Tgt Ion:169 Resp: 344073

Ion Ratio Lower Upper

169 100

168 67.1 52.2 78.2

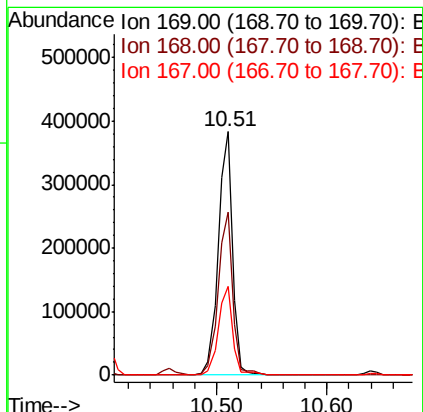
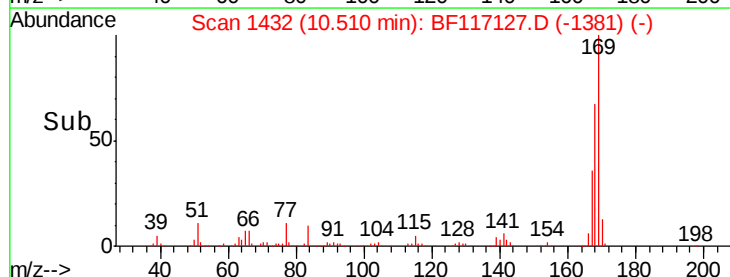
167 36.3 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

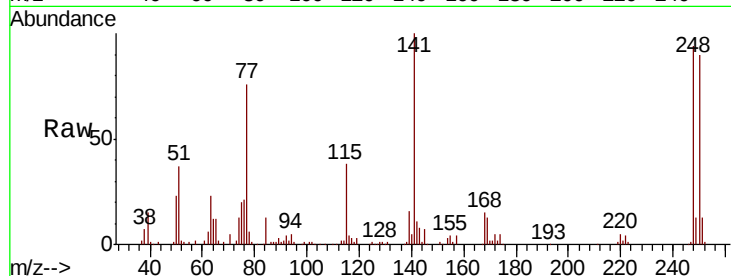




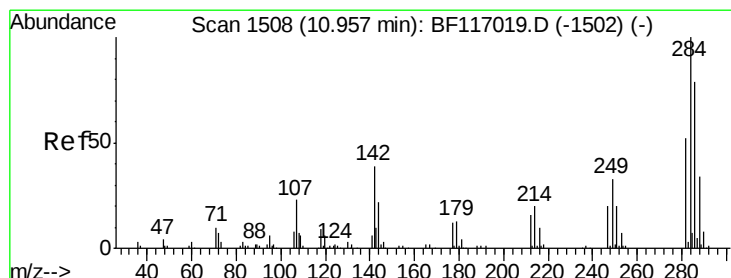
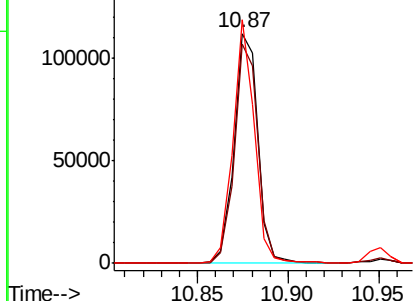
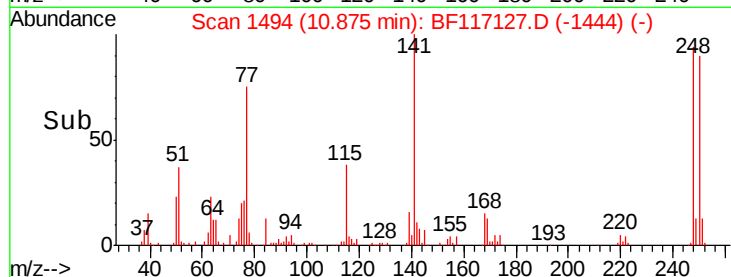
#67
4-Bromophenyl-phenylether
Concen: 42.510 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 102434
Ion Ratio Lower Upper
248 100
250 95.5 76.2 114.4
141 106.0 75.0 112.4

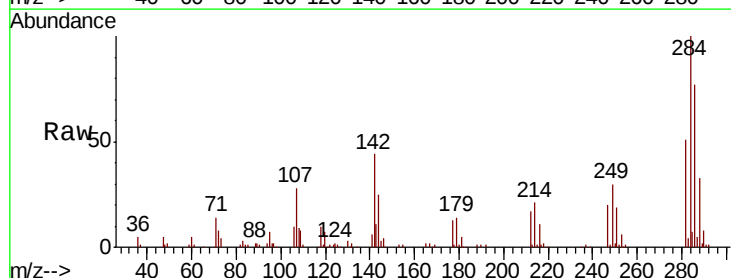


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

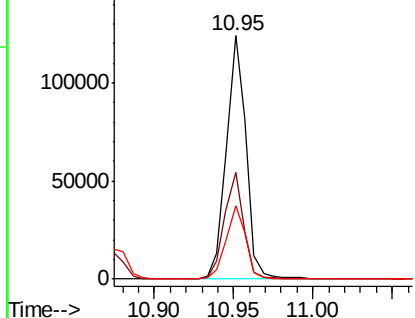
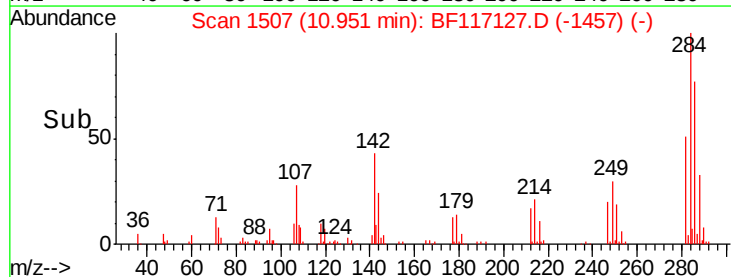


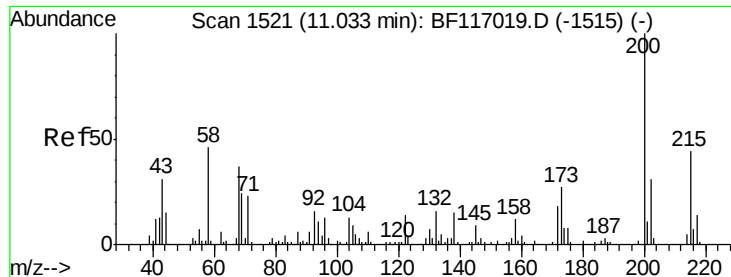
#68
Hexachlorobenzene
Concen: 40.393 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:284 Resp: 106460
Ion Ratio Lower Upper
284 100
142 43.8 31.4 47.2
249 30.3 26.5 39.7



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

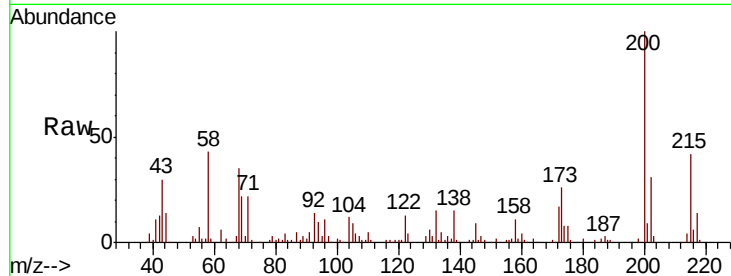




#69
 Atrazine
 Concen: 51.504 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.9	46.9
215	41.7	23.8	63.8

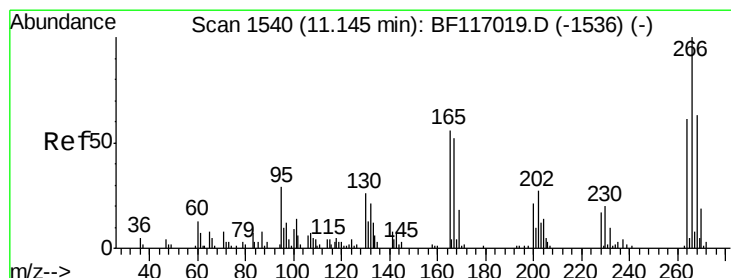
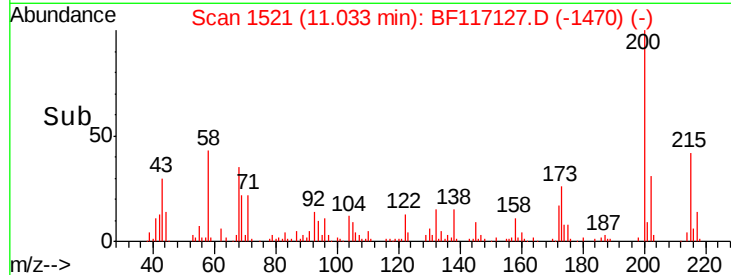
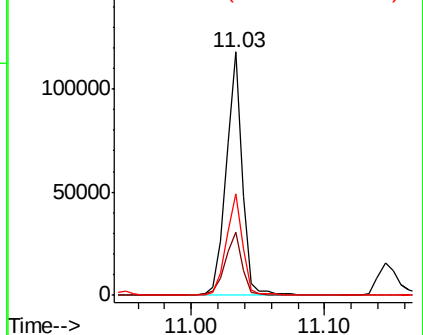


Abundance

Ion 200.00 (199.70 to 200.70): E

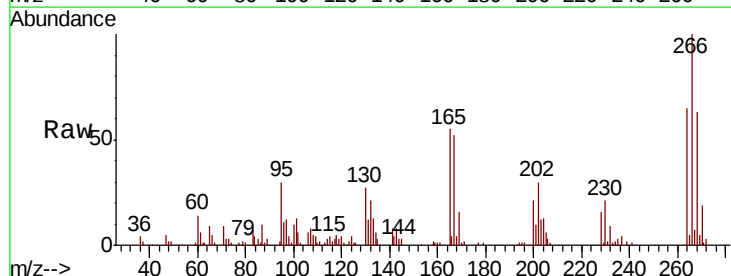
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.909 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.5	75.7
264	64.6	48.8	73.2

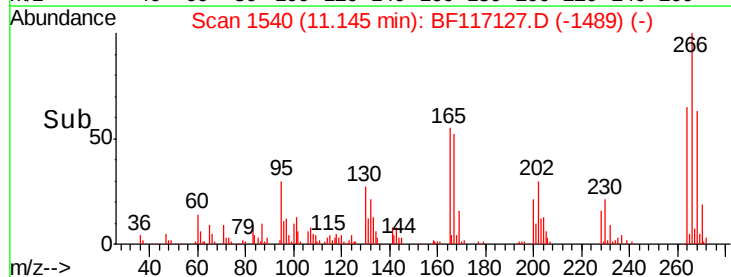
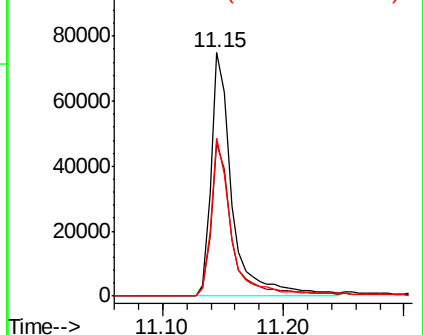


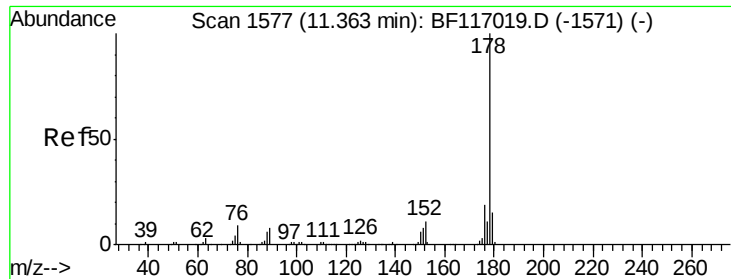
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.562 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

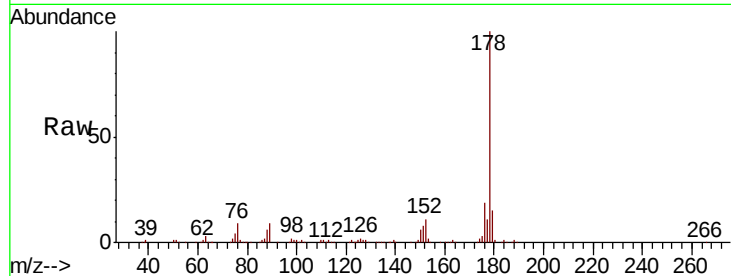
Tot Ion:178 Resp: 570423

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

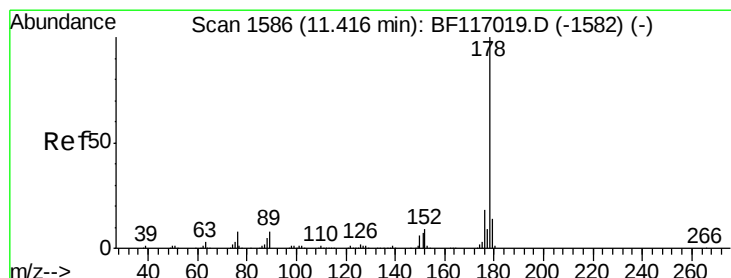
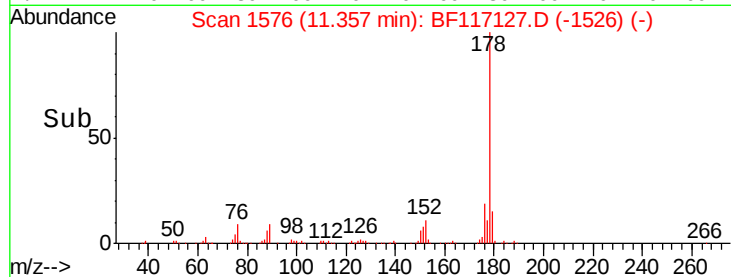
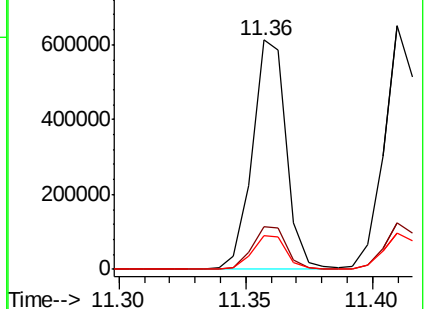
179 14.9 12.4 18.6



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: 44.231 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

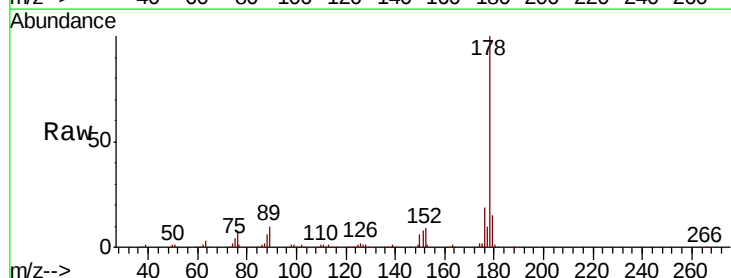
Tgt Ion:178 Resp: 605188

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

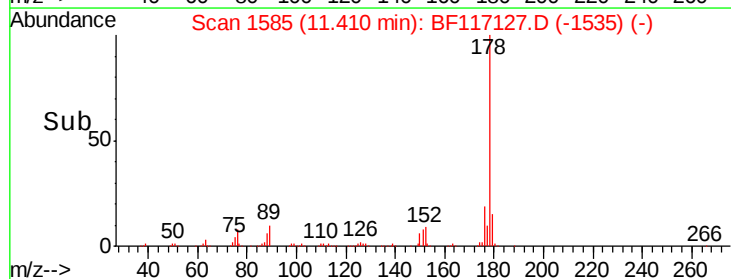
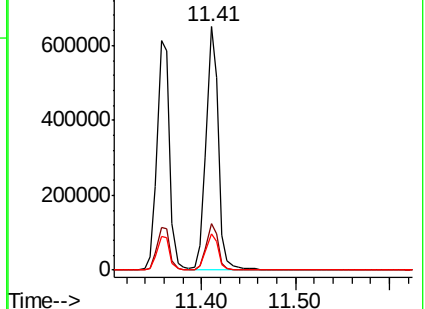
179 15.0 11.6 17.4

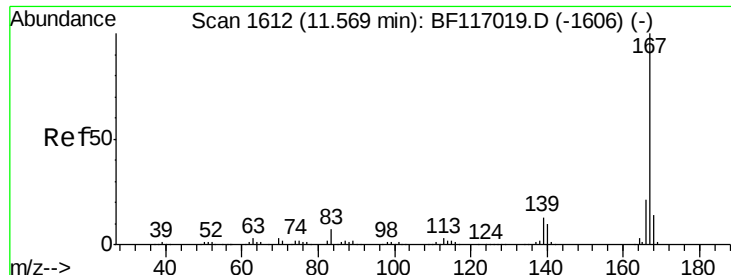


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

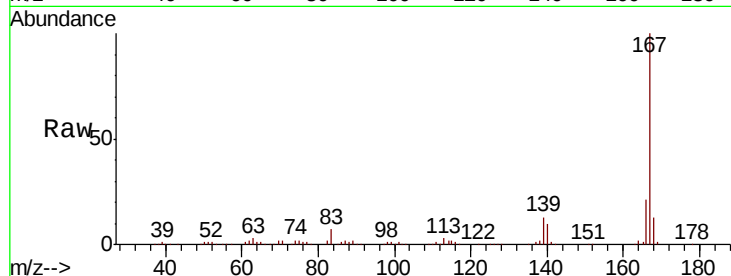




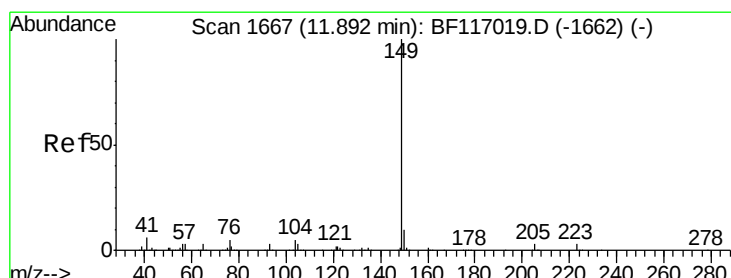
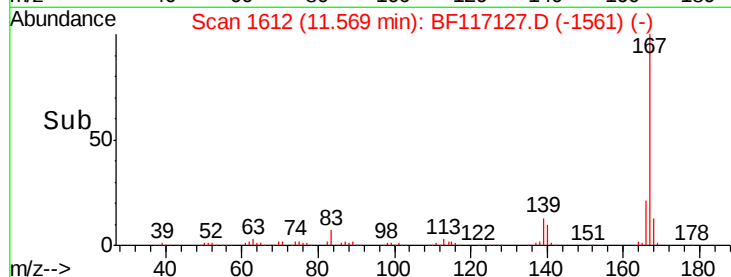
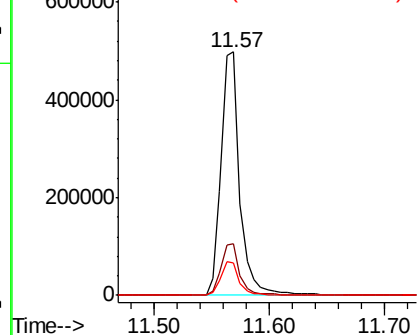
#73
 Carbazole
 Concen: 43.340 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 562882
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.2 10.6 16.0

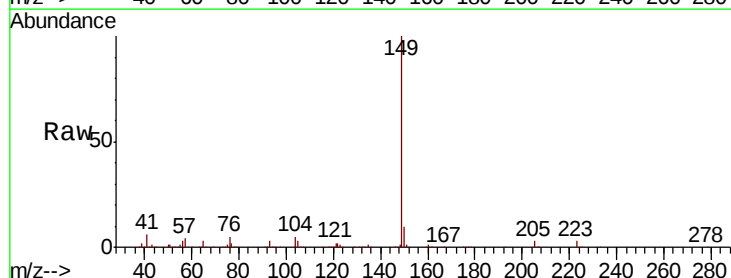


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

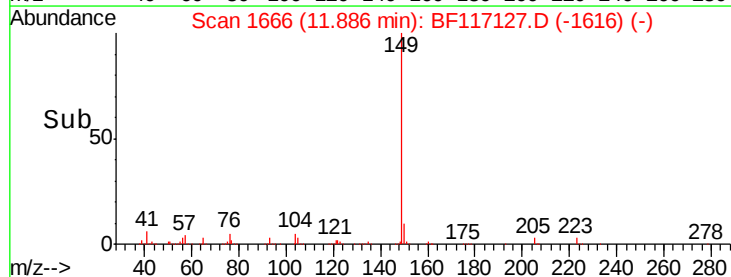
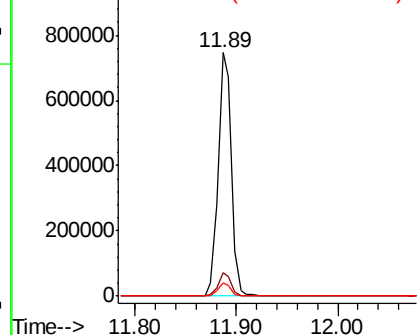


#74
 Di-n-butylphthalate
 Concen: 43.832 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion:149 Resp: 677310
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

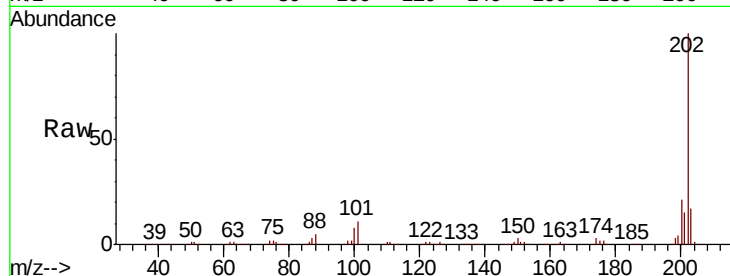




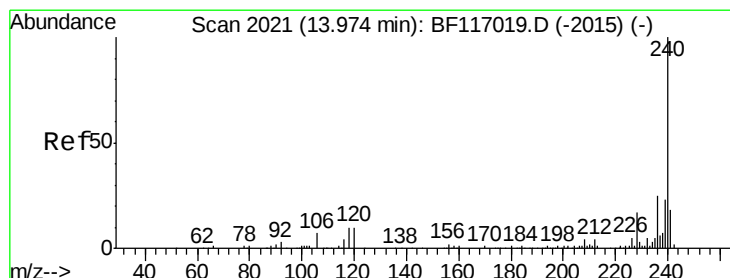
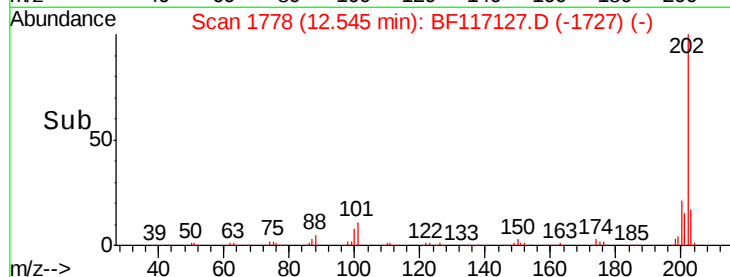
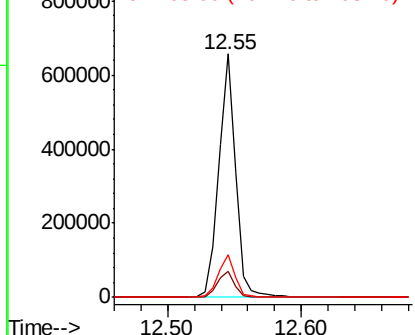
#75
 Fluoranthene
 Concen: 42.770 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.3
203	17.3	0.0	37.1

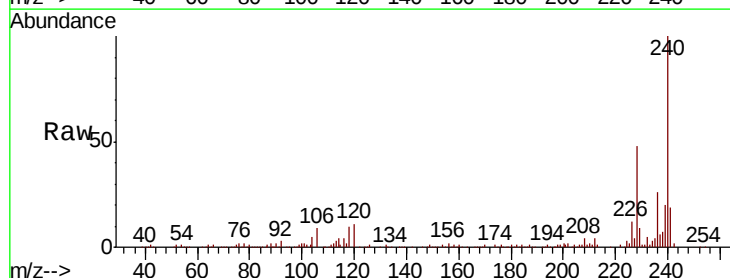


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

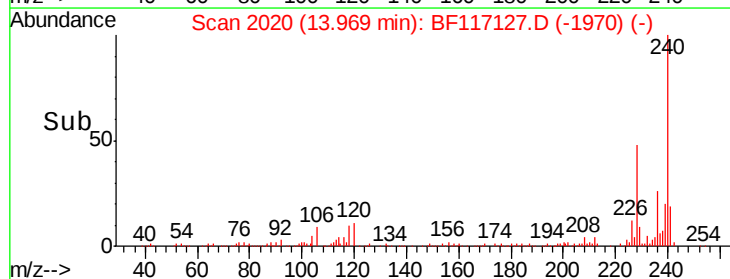
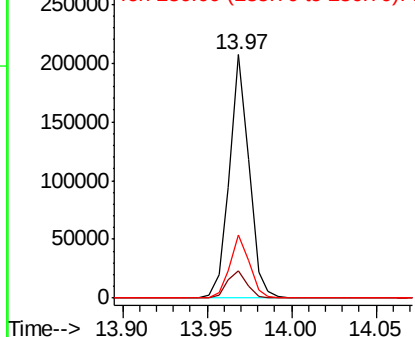


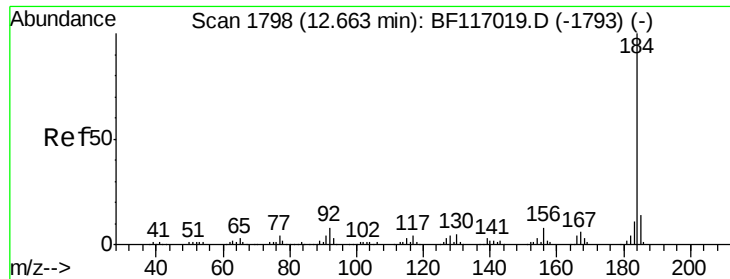
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.8	20.3	30.5



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

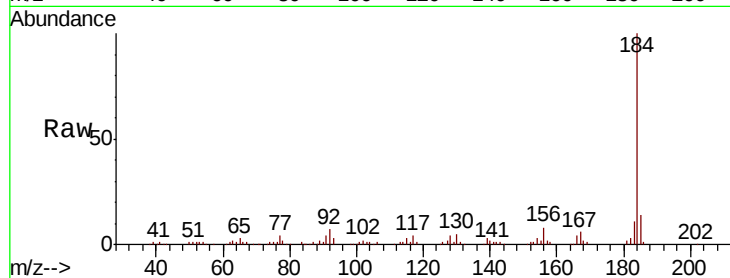




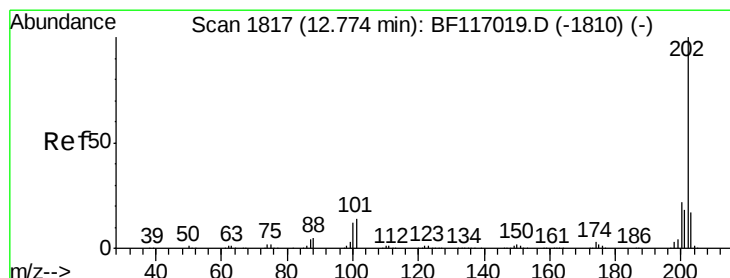
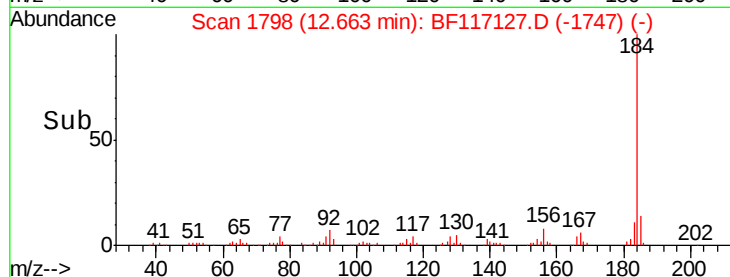
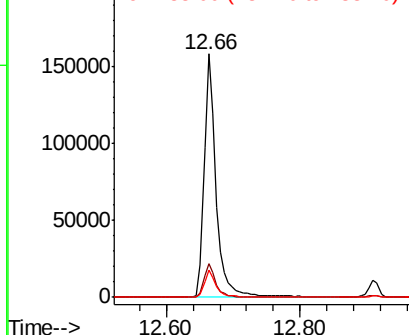
#77
Benzidine
Concen: 35.997 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 193960
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 11.1 9.0 13.4

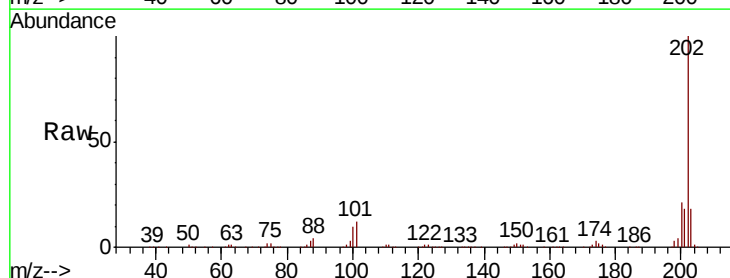


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

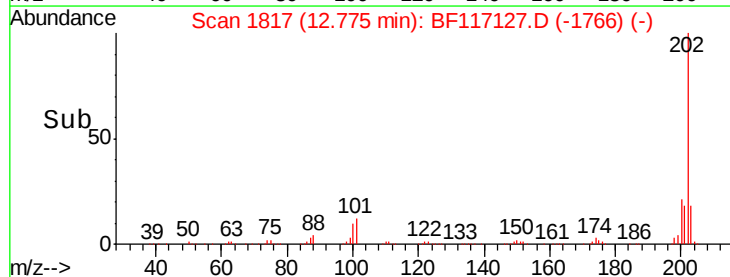
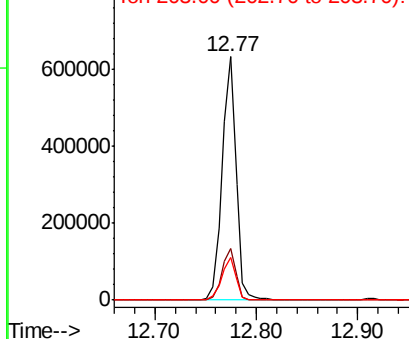


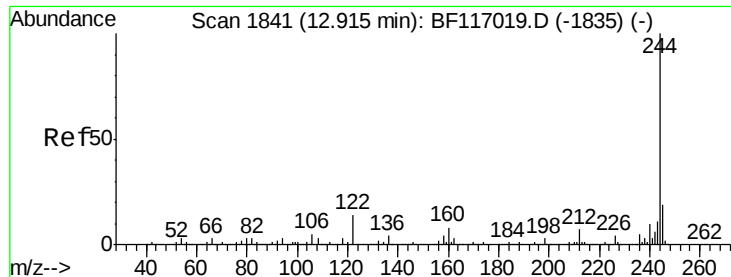
#78
Pyrene
Concen: 43.008 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:202 Resp: 603625
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.6 14.0 21.0



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

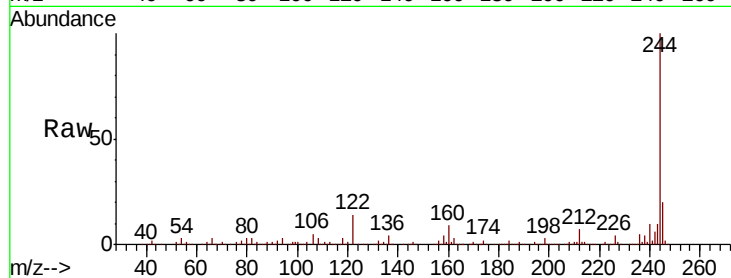




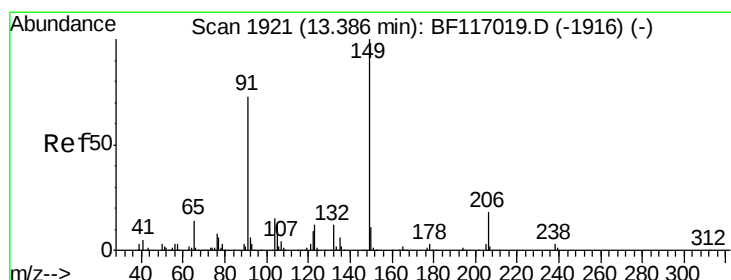
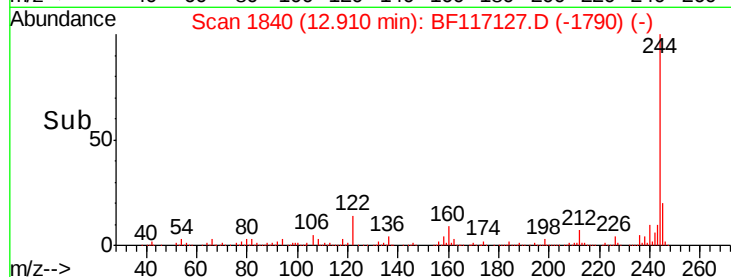
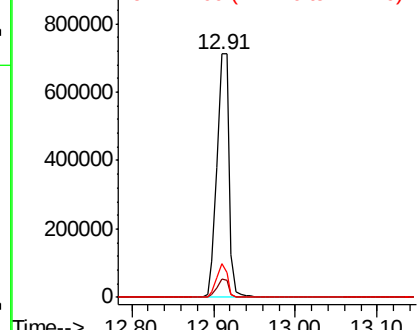
#79
 Terphenyl-d14
 Concen: 82.395 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.8	11.3	16.9

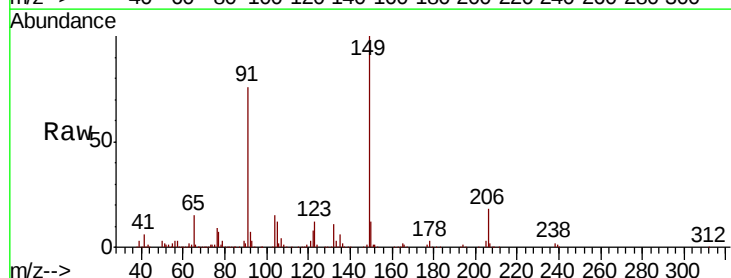


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

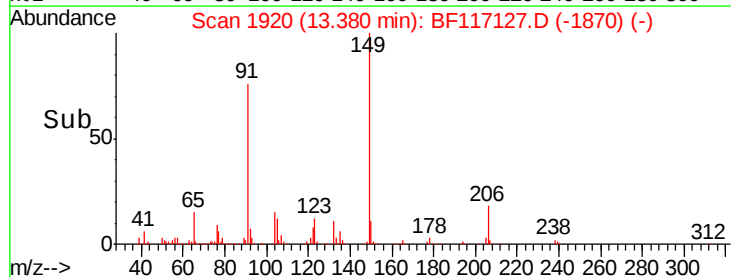
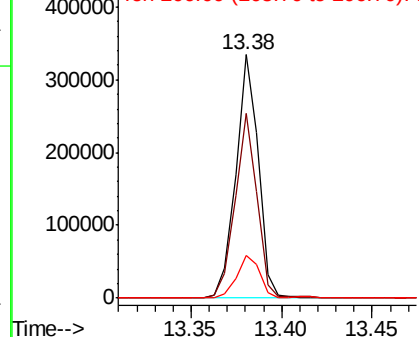


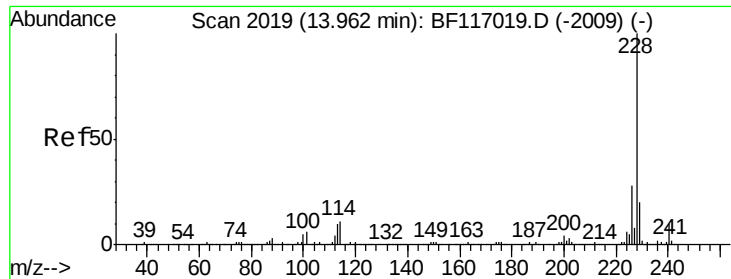
#80
 Butylbenzylphthalate
 Concen: 43.617 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.8	58.8	88.2
206	17.5	14.1	21.1



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: 41.621 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

Instrument :

BNA_F

ClientSampleId :

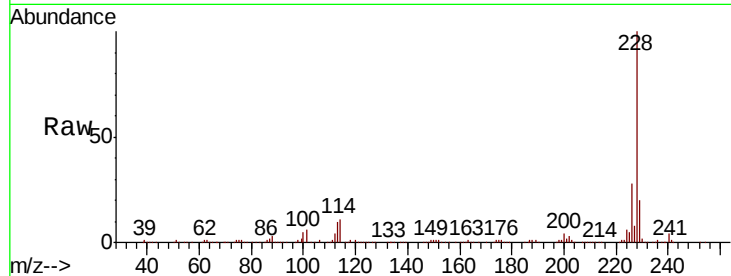
Tot Ion:228 Resp: 465133

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

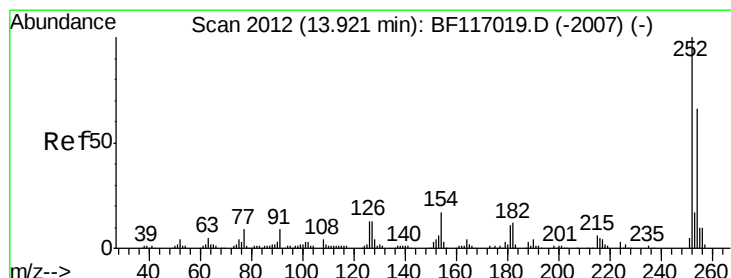
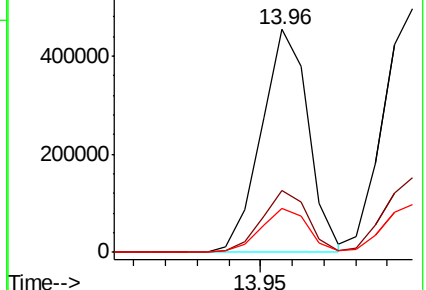
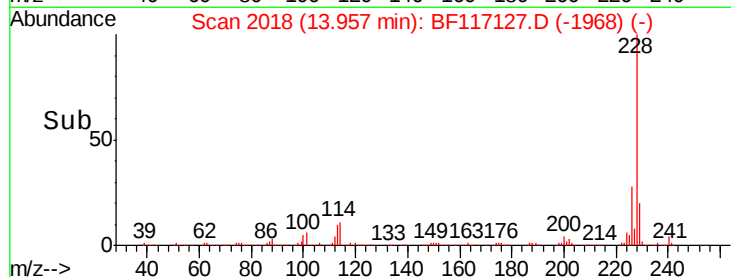
229 19.6 15.9 23.9



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: 21.799 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117127.D

Acq: 18 Sep 2019 00:23

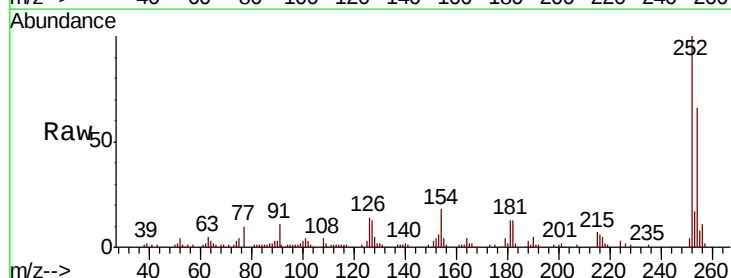
Tgt Ion:252 Resp: 78502

Ion Ratio Lower Upper

252 100

254 66.0 52.6 79.0

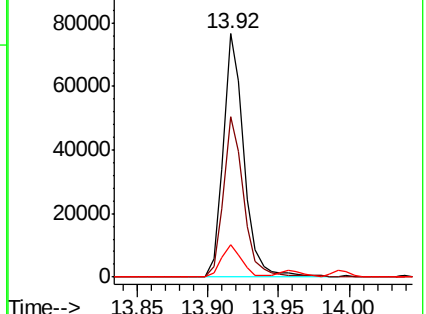
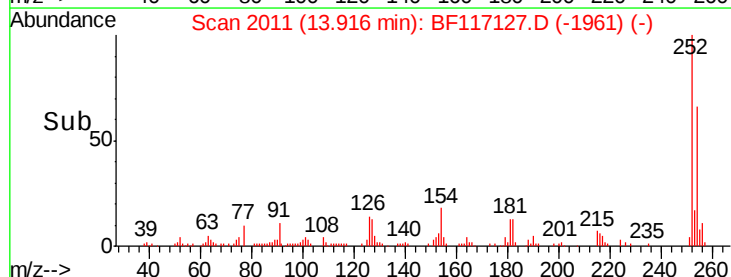
126 13.6 10.4 15.6

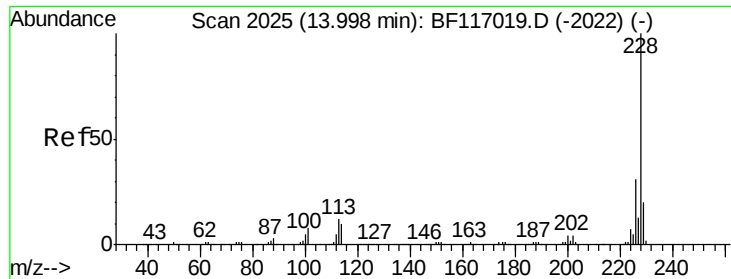


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

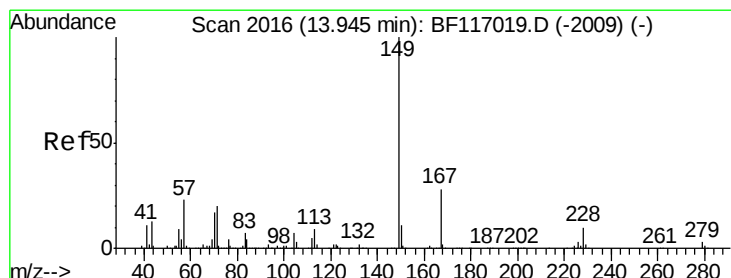
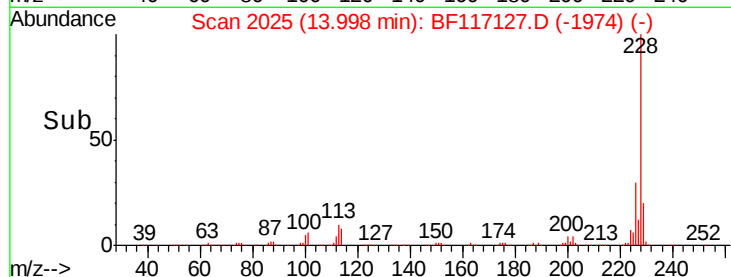
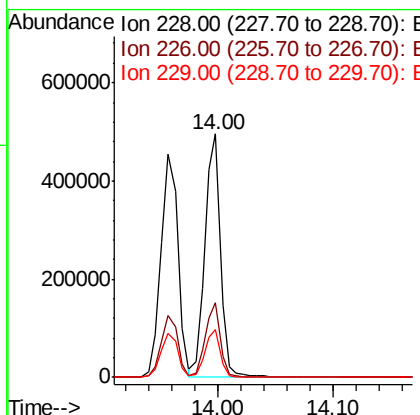
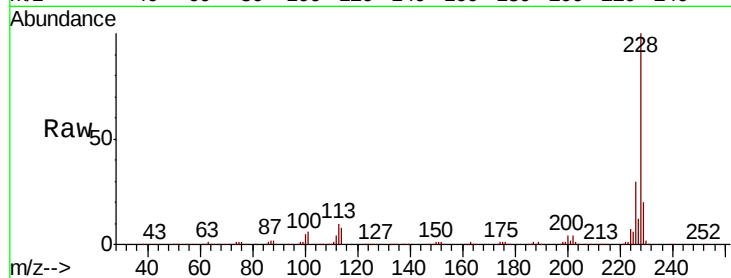




#83
 Chrysene
 Concen: 42.834 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

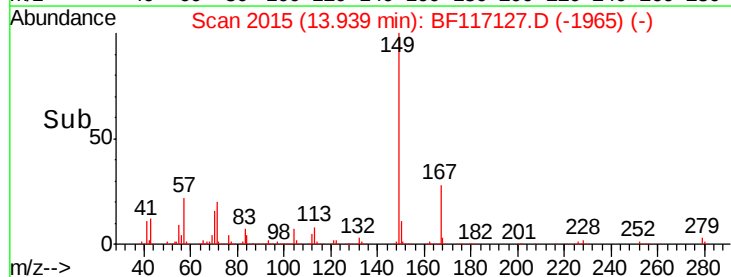
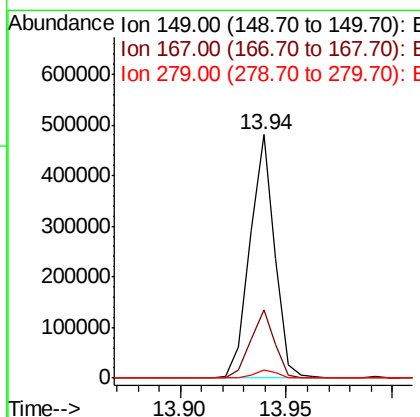
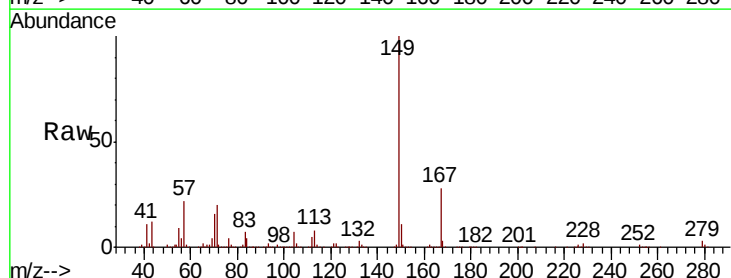
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	19.8	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.829 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117127.D
 Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.2
279	3.3	2.8	4.2

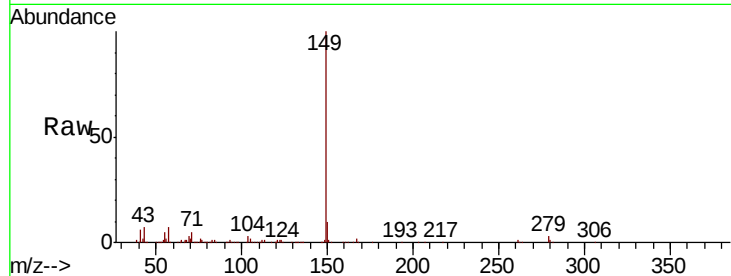




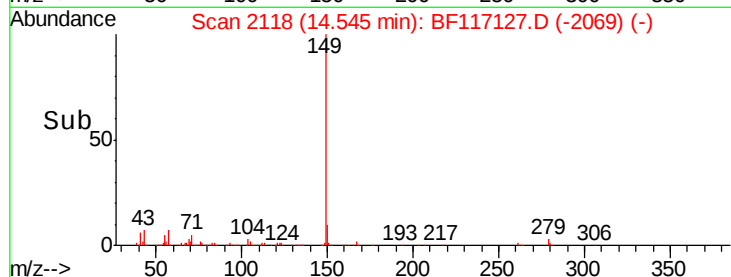
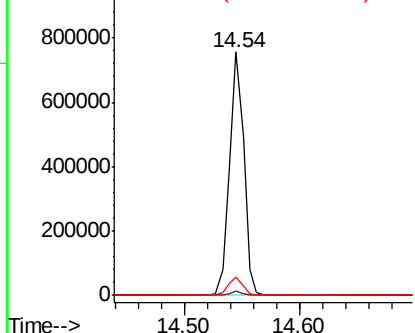
#85
Di-n-octyl phthalate
Concen: 48.407 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 651481
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.2 6.2 9.4

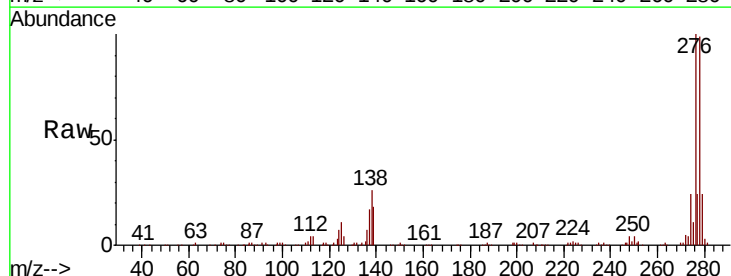


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

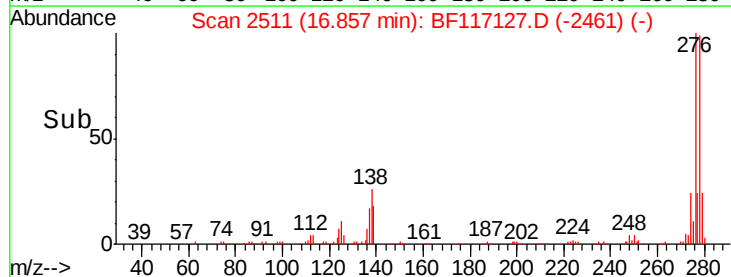
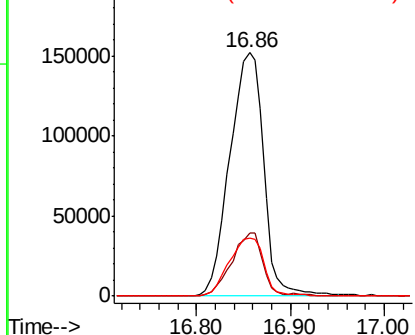


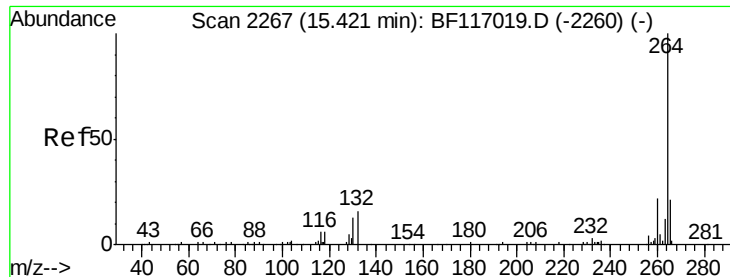
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.938 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:276 Resp: 381204
Ion Ratio Lower Upper
276 100
138 24.1 20.7 31.1
277 24.9 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



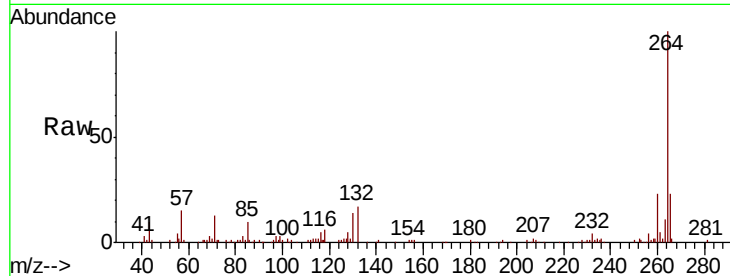


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

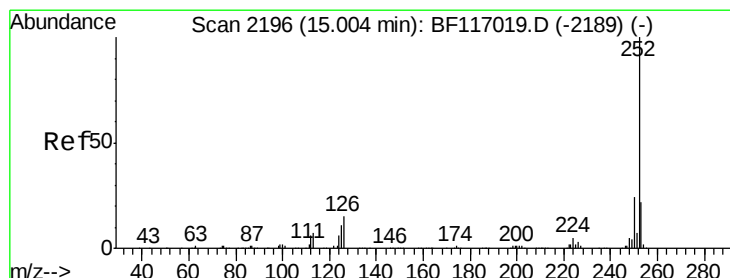
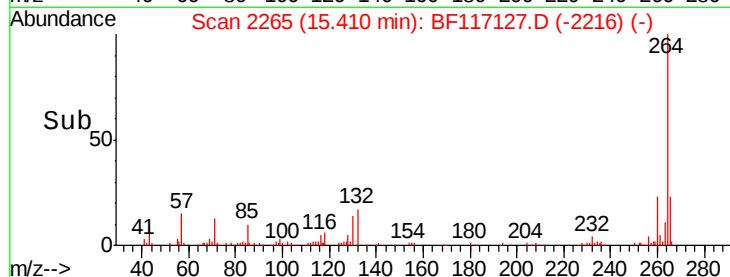
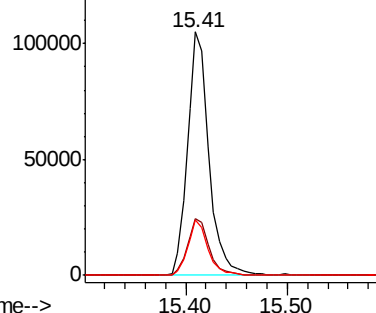
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 153700

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	22.5	16.6	24.8



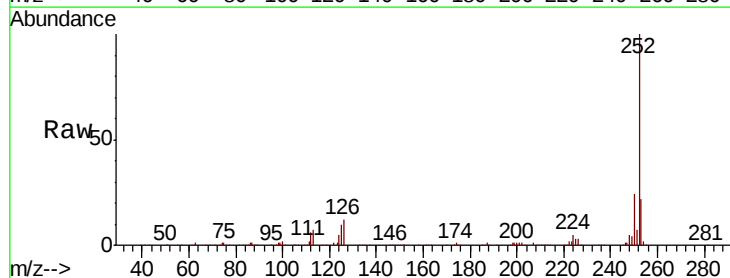
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



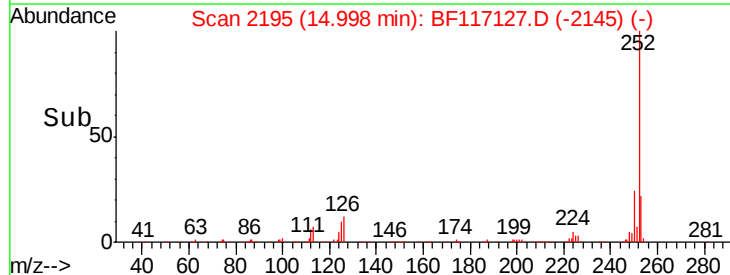
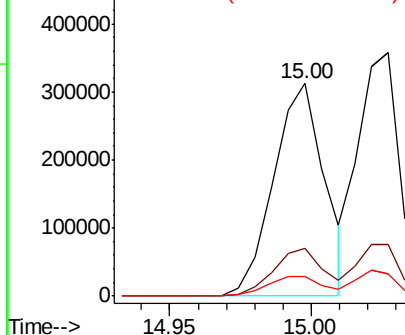
#88
Benzo(b)fluoranthene
Concen: 41.999 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

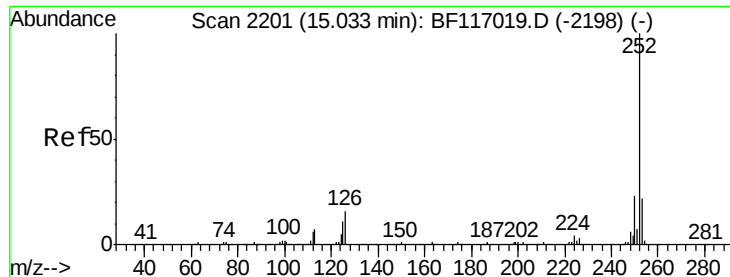
Tgt Ion:252 Resp: 391017

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.5	8.6	12.8



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

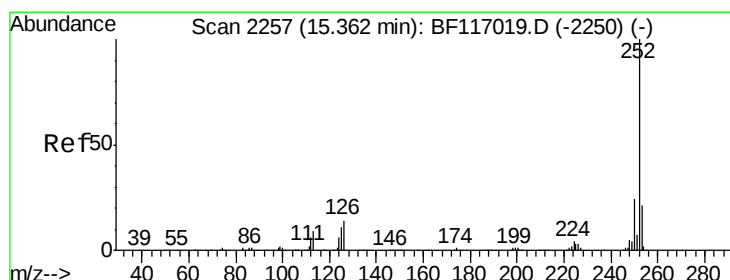
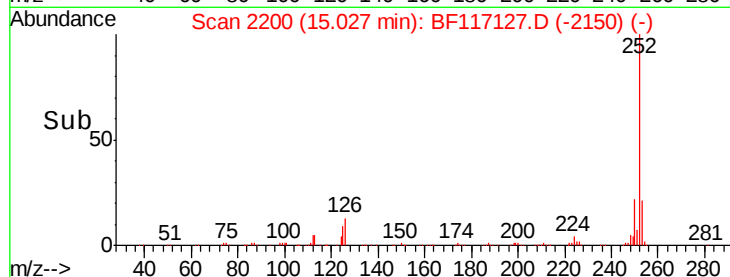
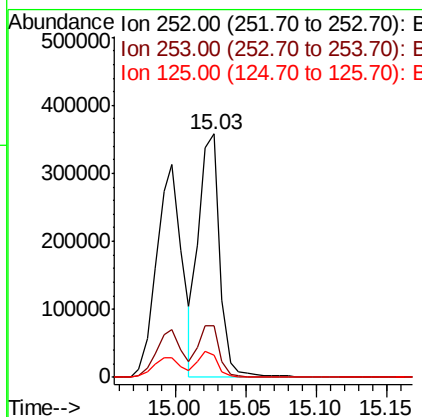
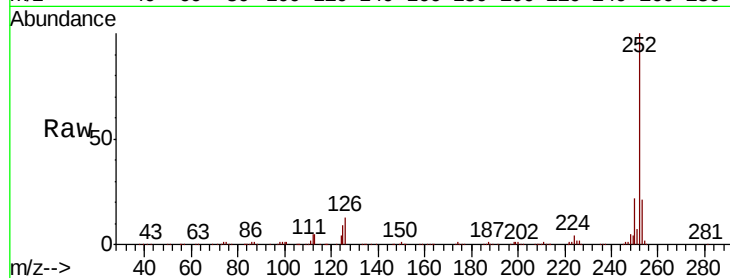




#89
Benzo(k)fluoranthene
Concen: 42.114 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

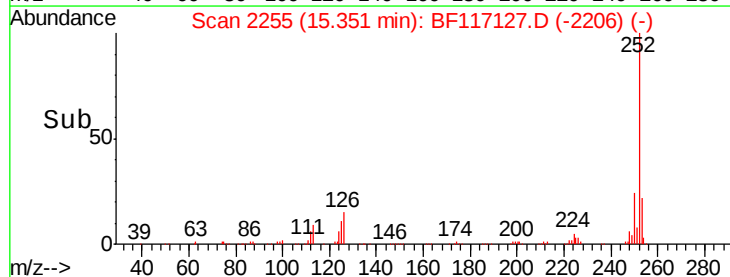
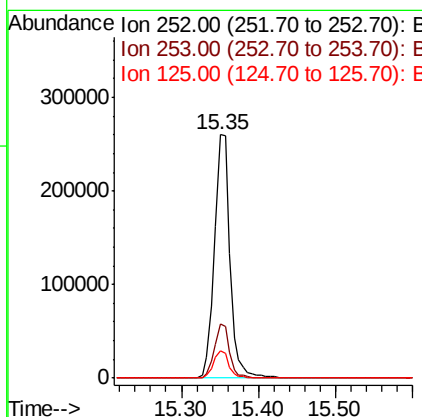
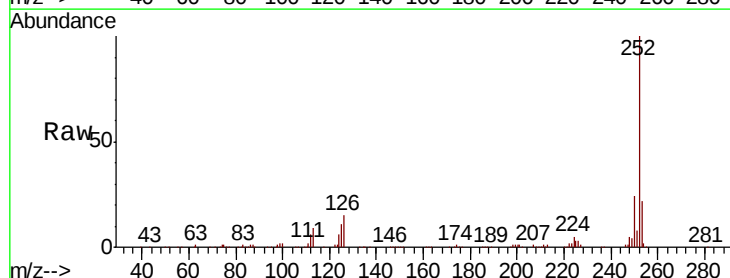
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 371418
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 8.9 8.8 13.2



#90
Benzo(a)pyrene
Concen: 44.174 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion:252 Resp: 360893
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 11.2 8.9 13.3

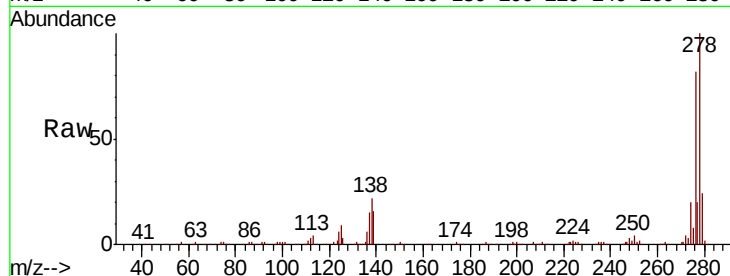




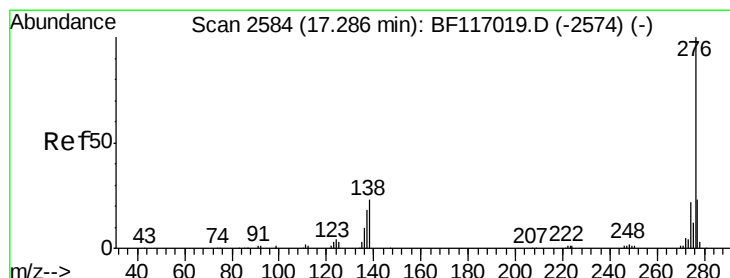
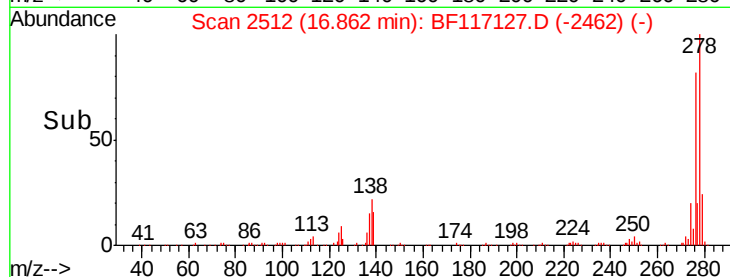
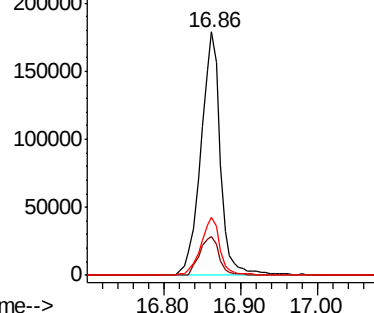
#91
Dibenzo(a,h)anthracene
Concen: 48.881 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.5	20.3
279	23.7	18.8	28.2

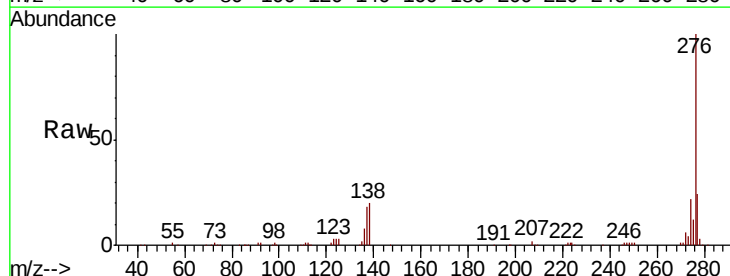


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.473 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117127.D
Acq: 18 Sep 2019 00:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	20.0	18.0	27.0



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

