

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117964.D
 Acq On : 23 Nov 2019 18:42
 Operator : JU
 Sample : K5951-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:53:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110966	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	436687	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	235869	20.00	ng	-0.02
64) Phenanthrene-d10	11.44	188	540268	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	452589	20.00	ng	-0.02
87) Perylene-d12	15.59	264	359315	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	921295	146.96	ng	-0.02
7) Phenol-d6	6.53	99	1100292	145.52	ng	-0.02
23) Nitrobenzene-d5	7.46	82	634493	86.37	ng	-0.03
42) 2,4,6-Tribromophenol	10.74	330	424810	170.12	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1229036	93.48	ng	-0.02
79) Terphenyl-d14	13.04	244	1784138	72.05	ng	-0.02

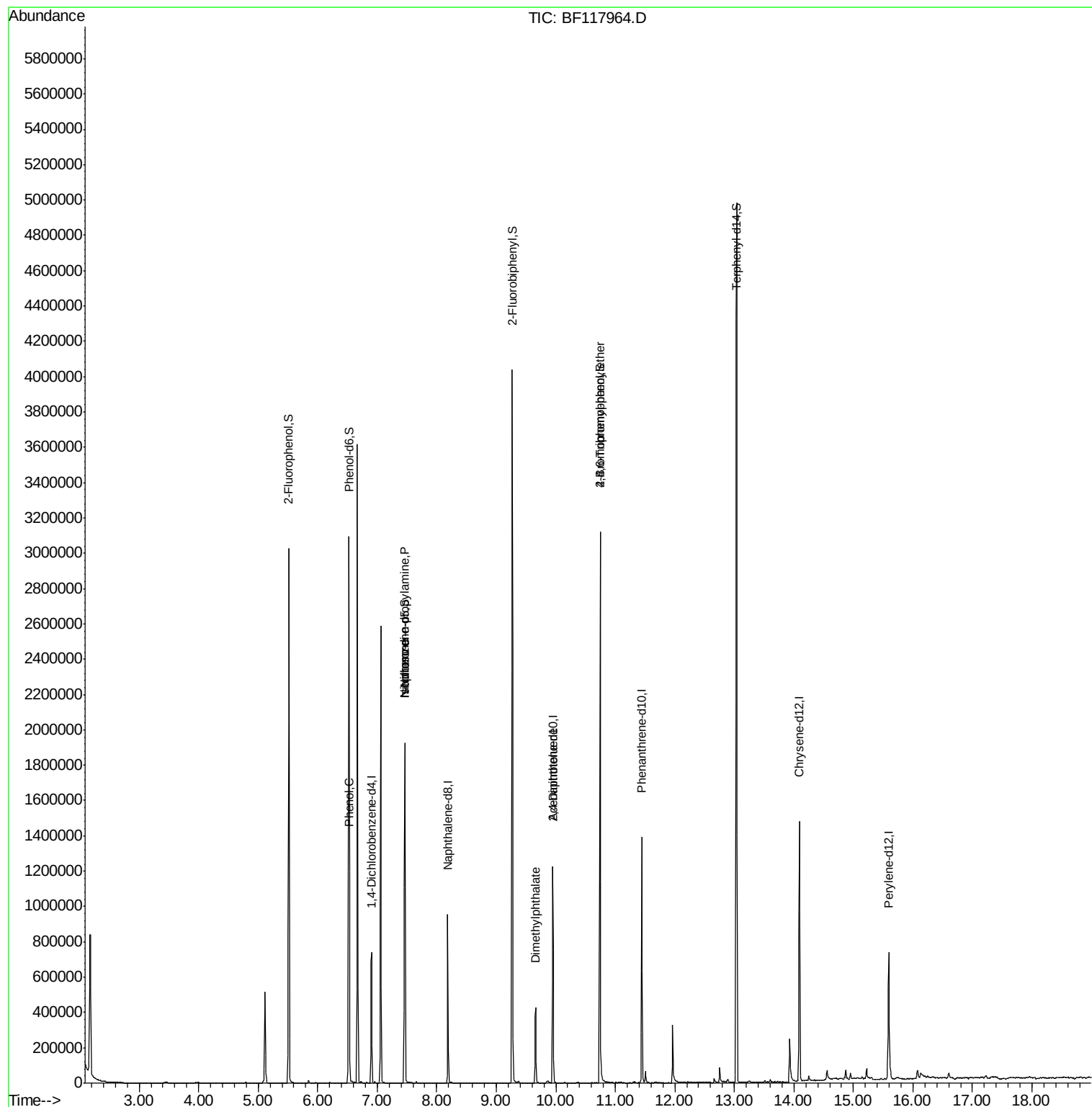
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1860	Below Cal		# 1
10) Phenol	6.54	94	22248	2.832	ng	95
19) n-Nitroso-di-n-propylamine	7.46	70	86029	18.442	ng	# 75
25) Isophorone	7.46	82	634489	47.125	ng	# 62
50) Dimethylphthalate	9.66	163	183067	11.068	ng	98
57) 2,4-Dinitrotoluene	9.95	165	29831	6.487	ng	# 25
67) 4-Bromophenyl-phenylether	10.74	248	26138	4.484	ng	# 1
75) Fluoranthene	12.66	202	8504	Below Cal		95

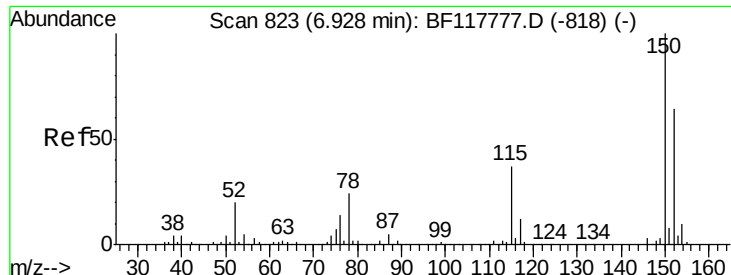
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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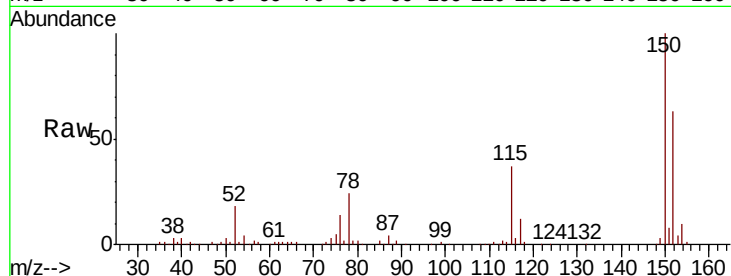


#1

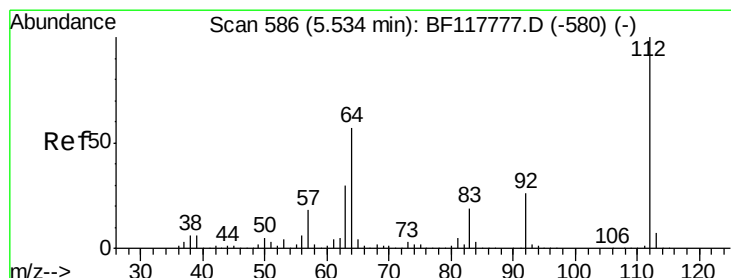
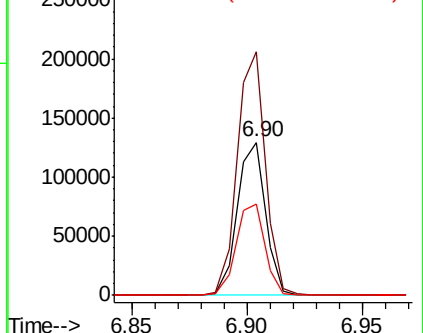
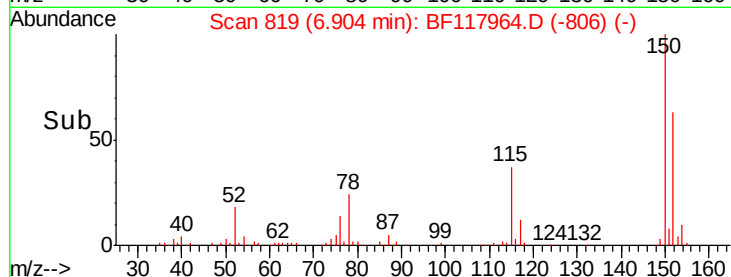
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 110966
Ion Ratio Lower Upper
152 100
150 158.8 125.3 187.9
115 59.4 47.0 70.4



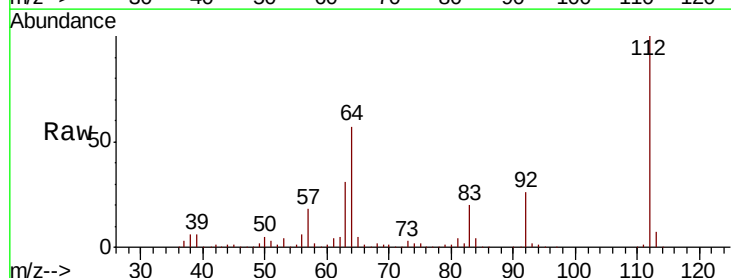
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



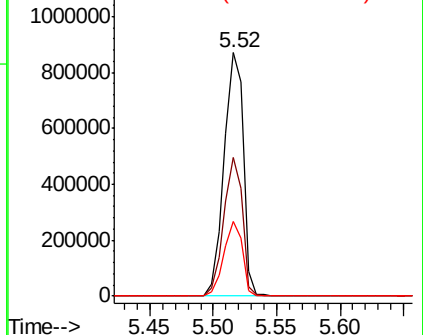
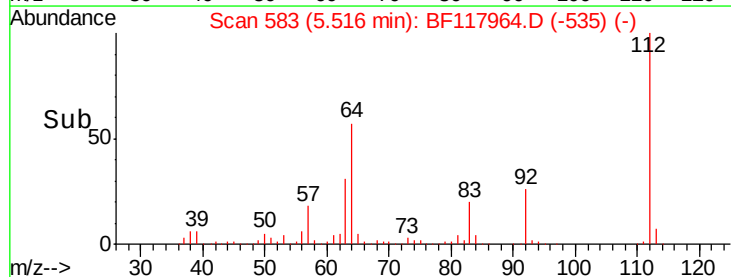
#5

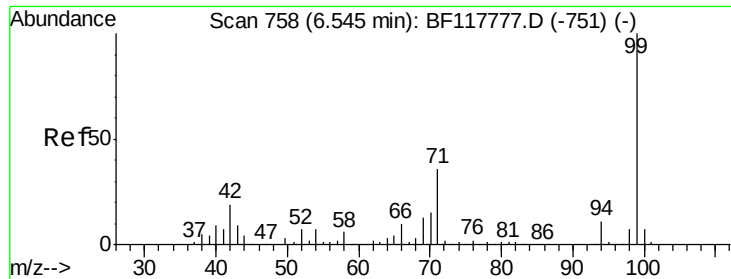
2-Fluorophenol
Concen: 146.963 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:112 Resp: 921295
Ion Ratio Lower Upper
112 100
64 56.9 45.6 68.4
63 30.8 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 145.516 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

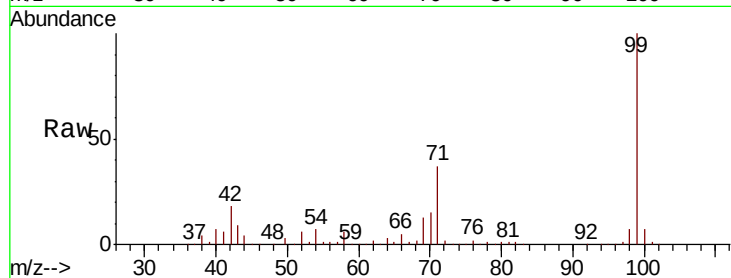
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1100292

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	37.2	28.6	43.0

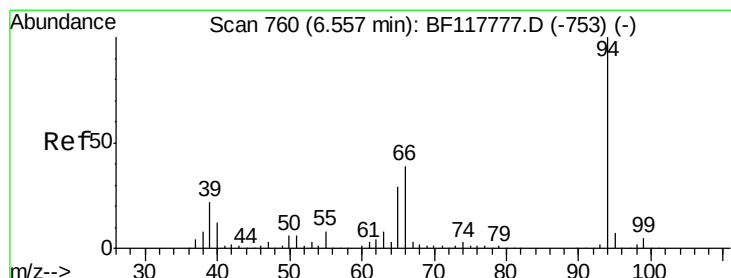
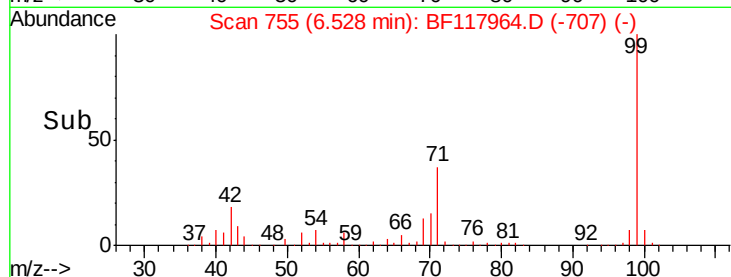


Abundance

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



#10

Phenol

Concen: 2.832 ng

RT: 6.54 min Scan# 757

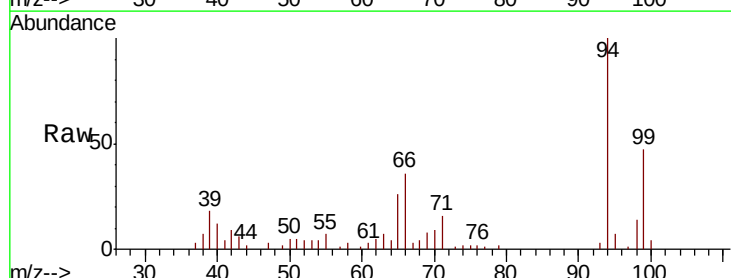
Delta R.T. -0.02 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

Tgt Ion: 94 Resp: 22248

Ion	Ratio	Lower	Upper
94	100		
65	25.8	8.9	48.9
66	36.0	18.7	58.7

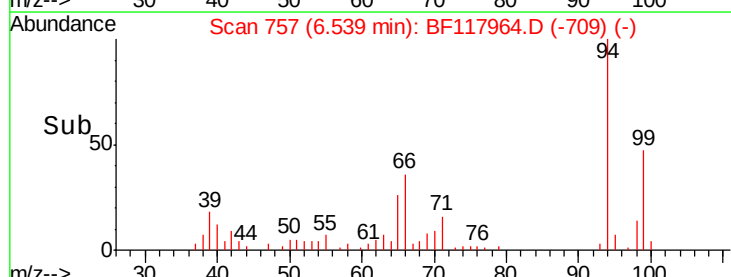


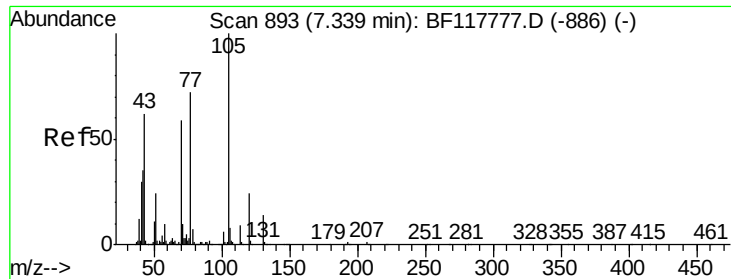
Abundance

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

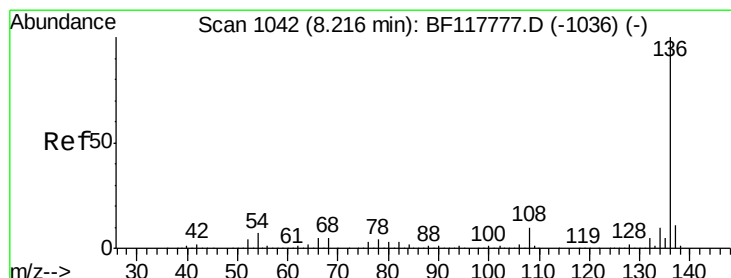
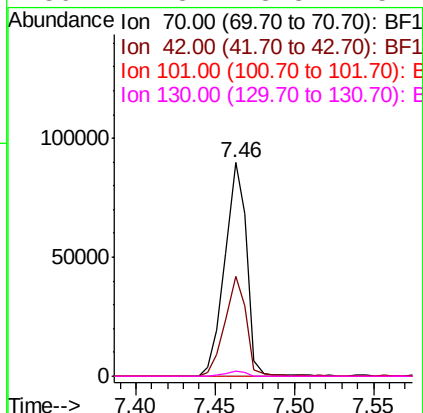
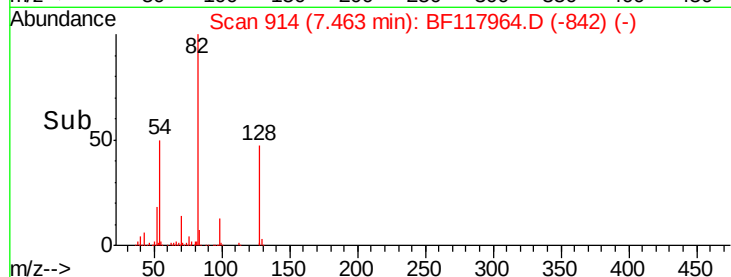
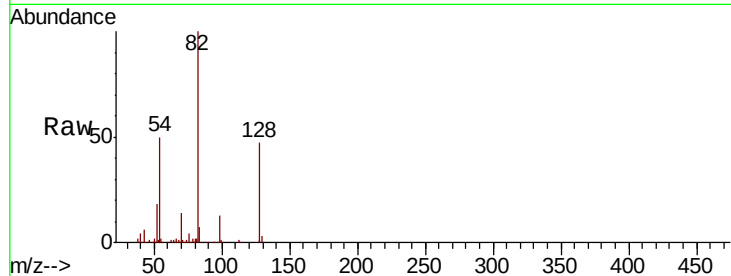




#19
n-Nitroso-di-n-propylamine
Concen: 18.442 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.12 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

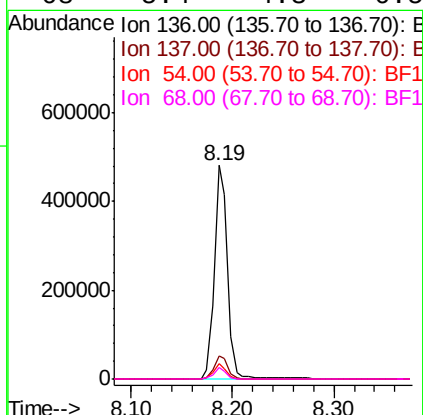
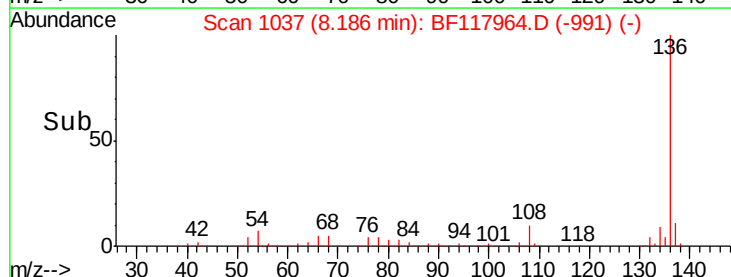
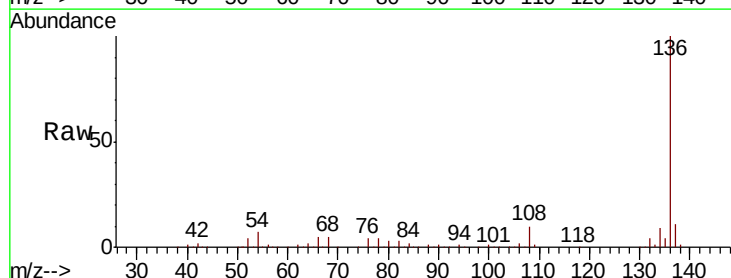
Instrument :
BNA_F
ClientSampleId :

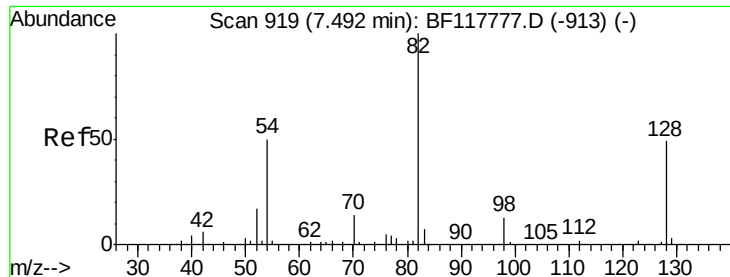
Tot Ion: 70 Resp: 86029
Ion Ratio Lower Upper
70 100
42 46.5 47.4 71.2#
101 0.0 8.4 12.6#
130 2.3 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:136 Resp: 436687
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.1 5.4 8.2
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 86.373 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

Instrument :

BNA_F

ClientSampled :

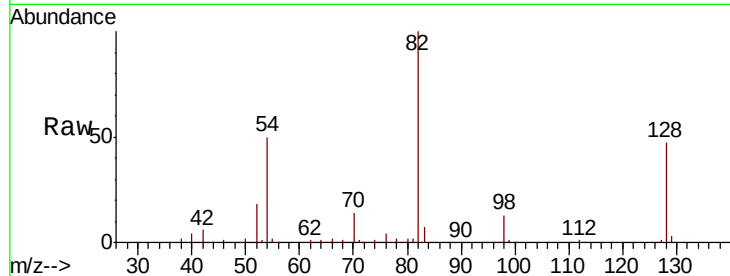
Tot Ion: 82 Resp: 634493

Ion Ratio Lower Upper

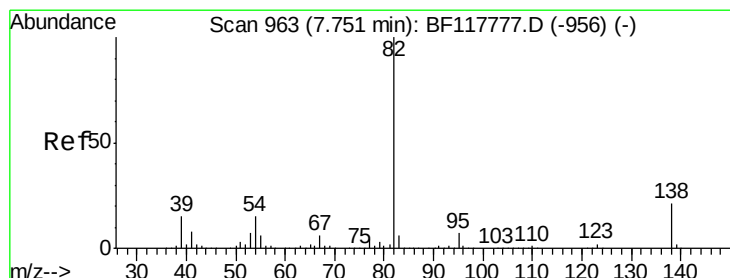
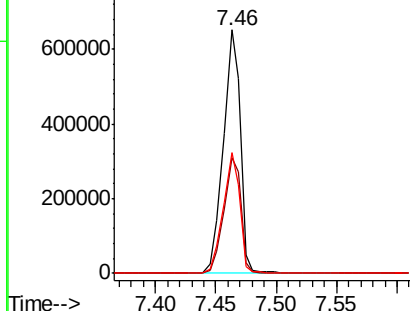
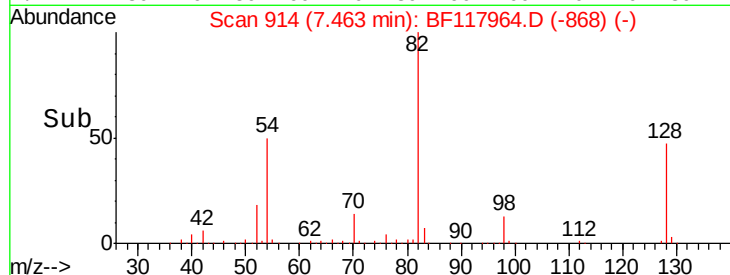
82 100

128 47.3 38.9 58.3

54 49.9 39.8 59.6



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



#25

Isophorone

Concen: 47.125 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.29 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

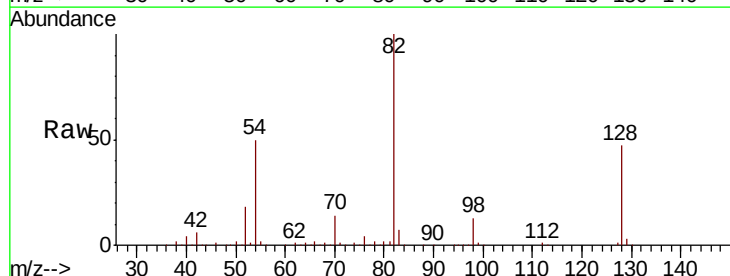
Tgt Ion: 82 Resp: 634489

Ion Ratio Lower Upper

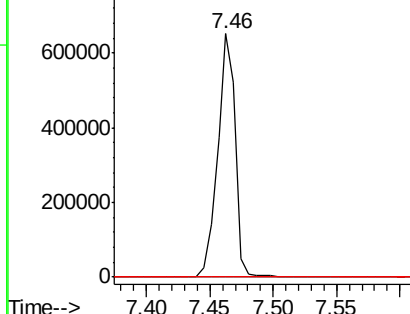
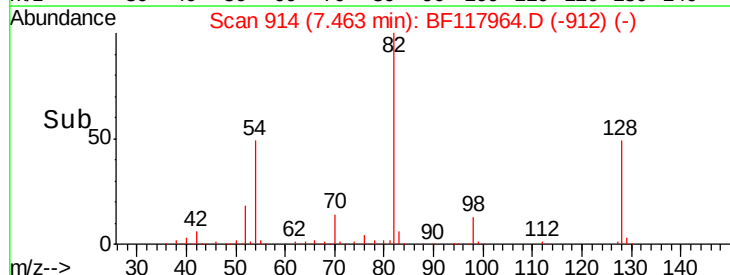
82 100

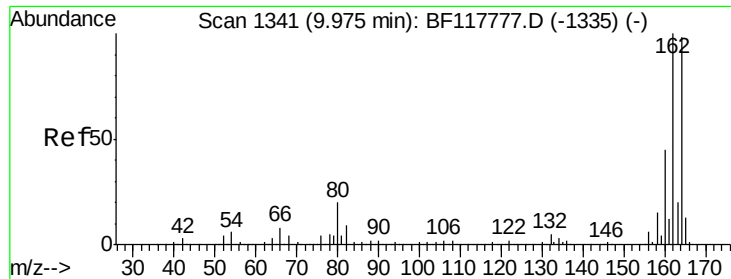
95 0.0 5.8 8.8#

138 0.0 16.5 24.7#



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

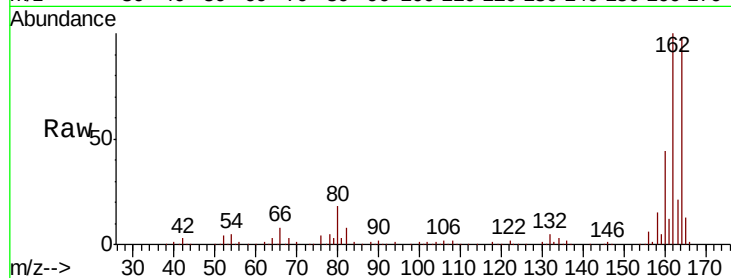




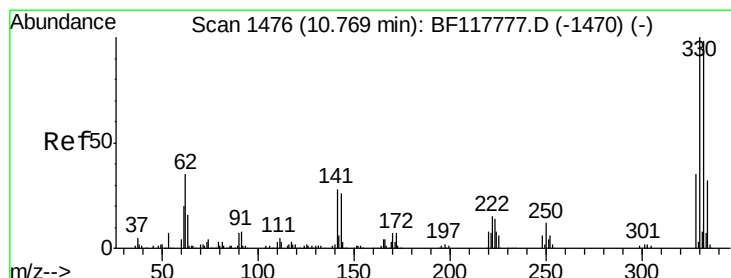
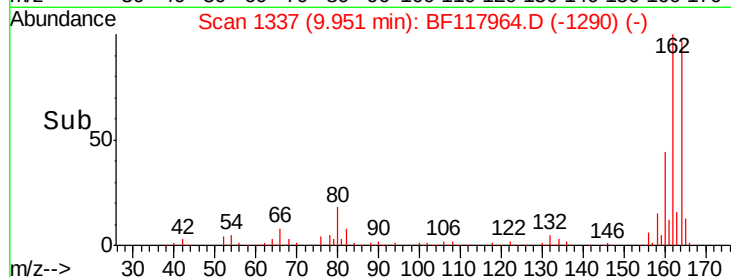
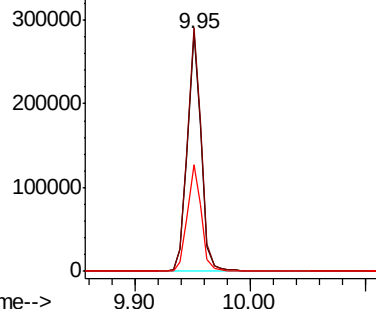
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 235869
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 44.8 36.6 55.0

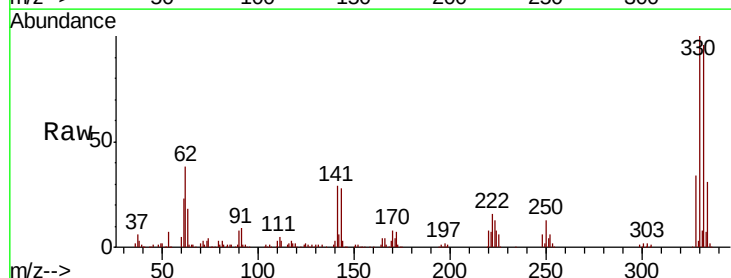


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

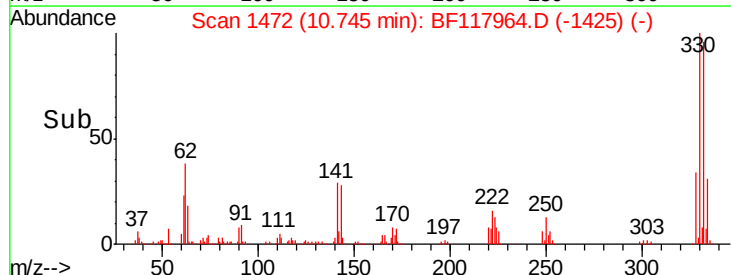
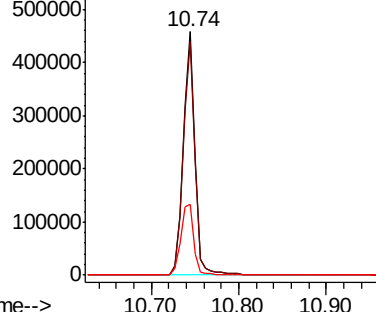


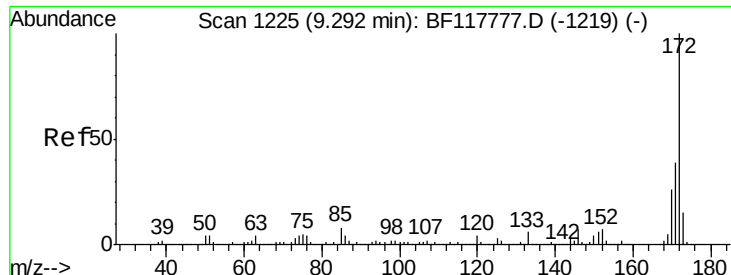
#42
2,4,6-Tribromophenol
Concen: 170.120 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:330 Resp: 424810
Ion Ratio Lower Upper
330 100
332 96.5 76.7 115.1
141 32.6 27.7 41.5



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

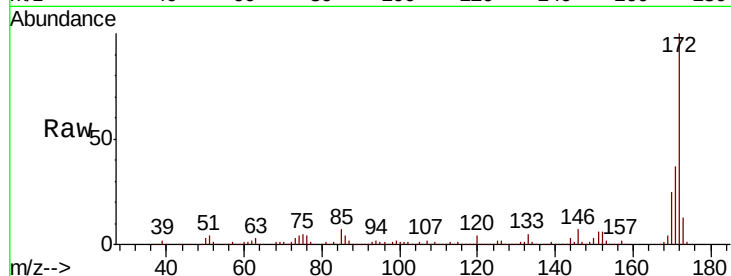




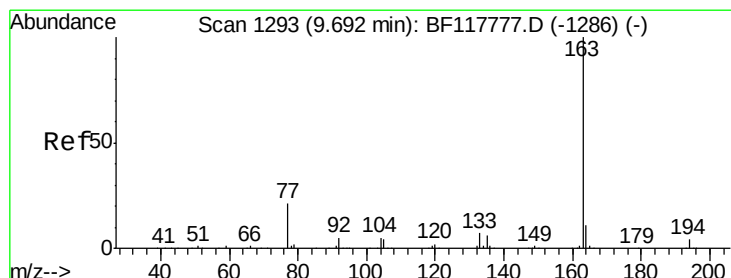
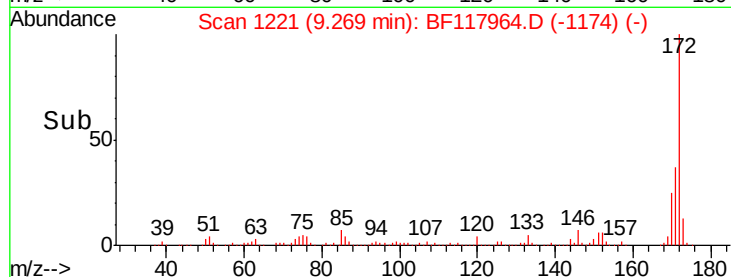
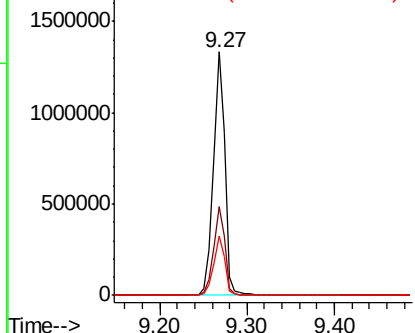
#45
2-Fluorobiphenyl
Concen: 93.481 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1229036
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.6 21.0 31.4

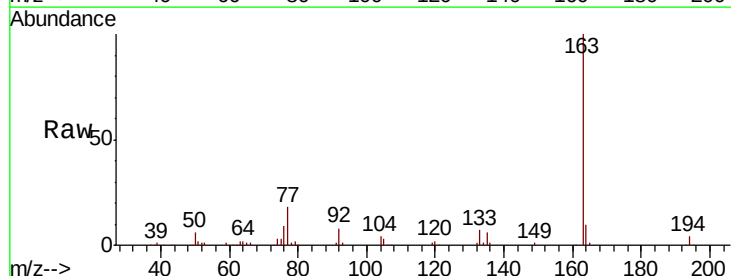


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

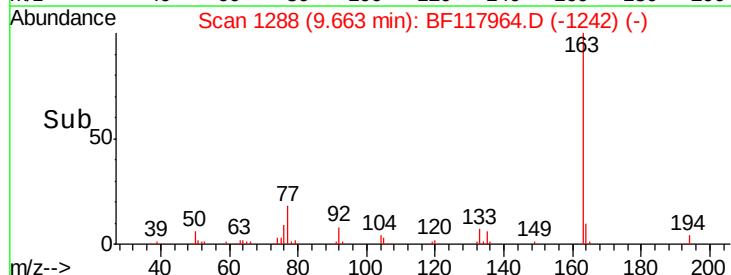
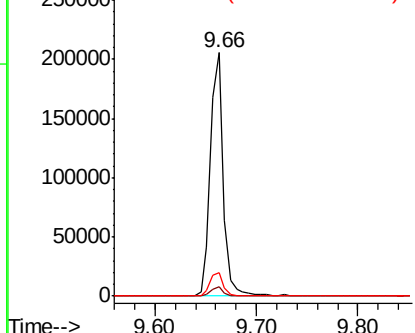


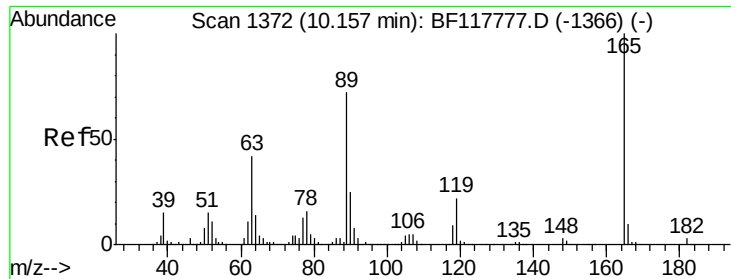
#50
Dimethylphthalate
Concen: 11.068 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:163 Resp: 183067
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.7 13.1



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

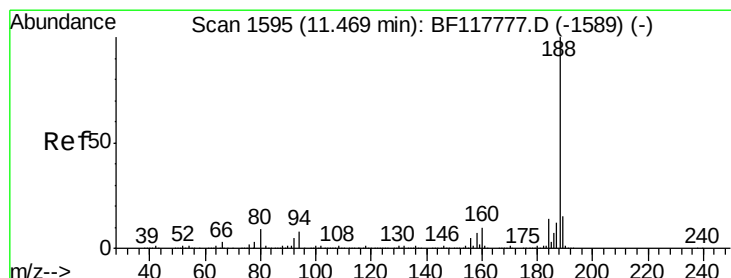
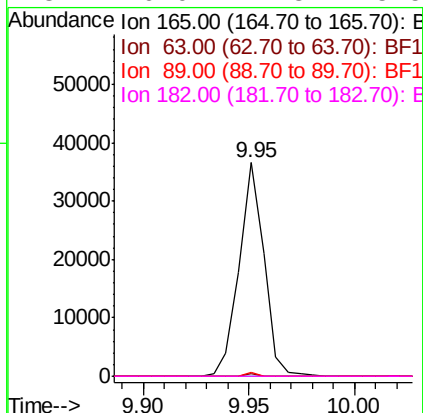
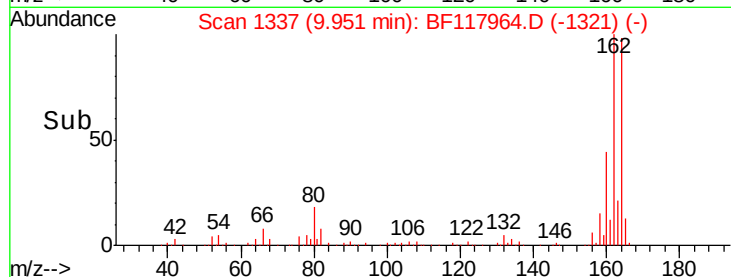
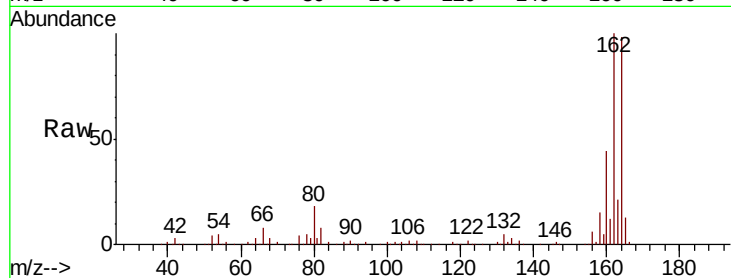




#57
2,4-Dinitrotoluene
Concen: 6.487 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

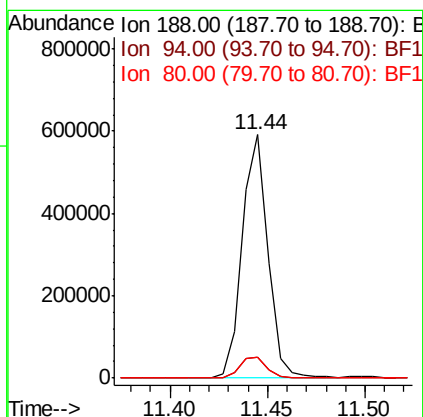
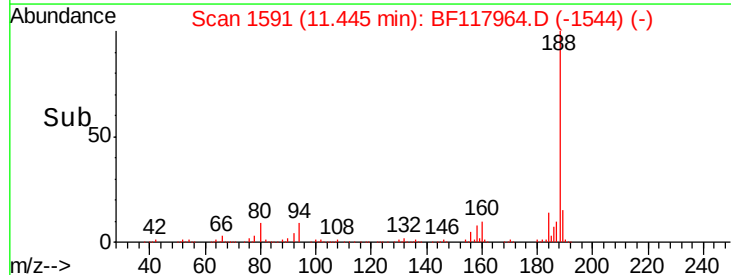
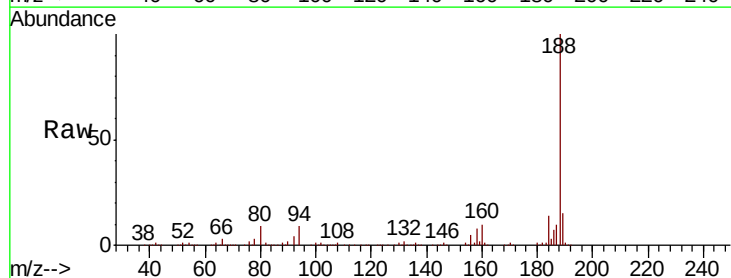
Instrument :
BNA_F
ClientSampled :

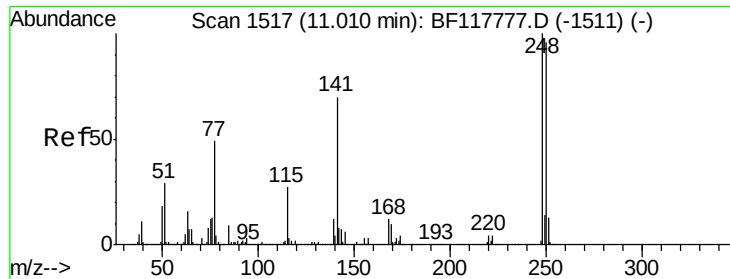
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.7	57.3	85.9#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	8.7	7.2	10.8

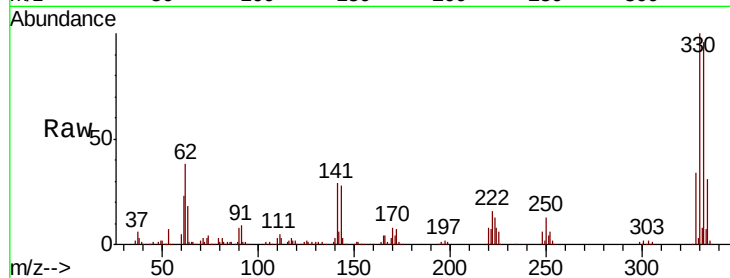




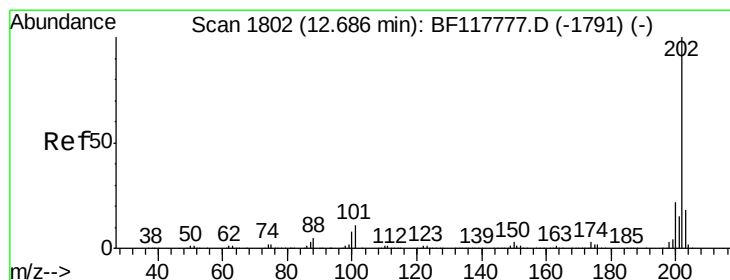
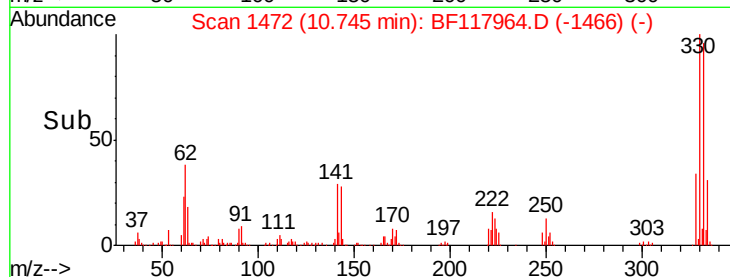
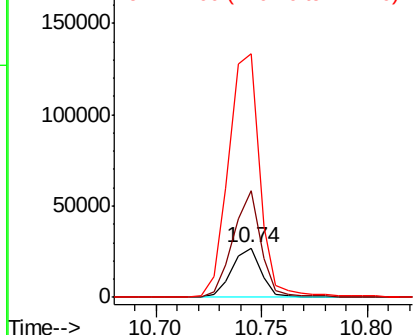
#67
4-Bromophenyl-phenylether
Concen: 4.484 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.26 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26138
Ion Ratio Lower Upper
248 100
250 214.8 76.6 115.0#
141 492.1 55.9 83.9#

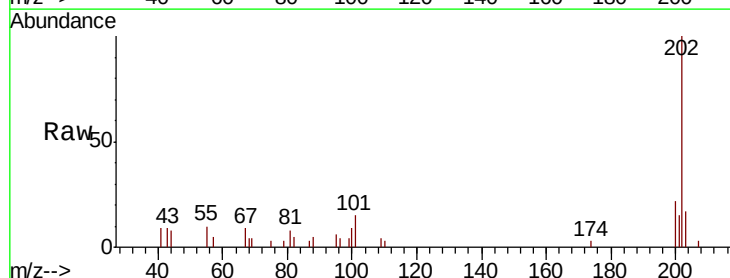


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

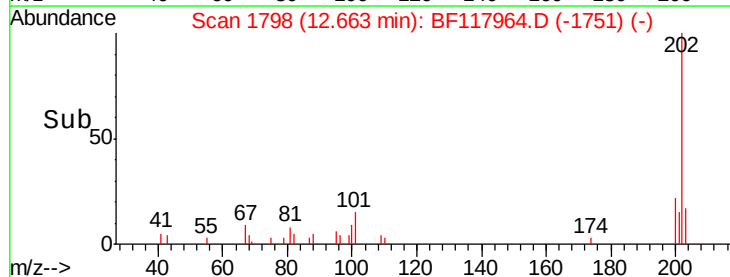
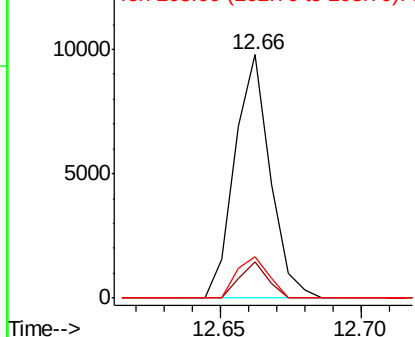


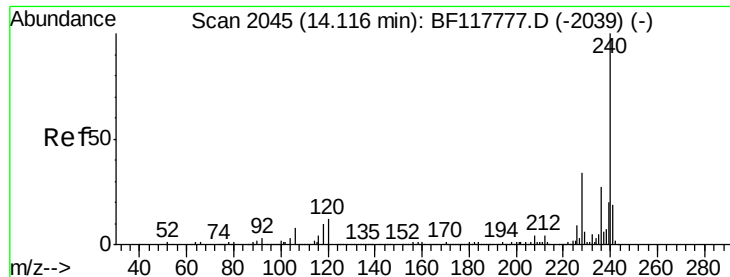
#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:202 Resp: 8504
Ion Ratio Lower Upper
202 100
101 14.8 0.0 31.1
203 17.0 0.0 38.2



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

Instrument :

BNA_F

ClientSampleId :

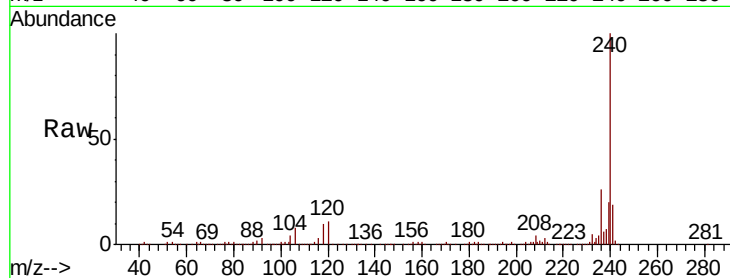
Tot Ion:240 Resp: 452589

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

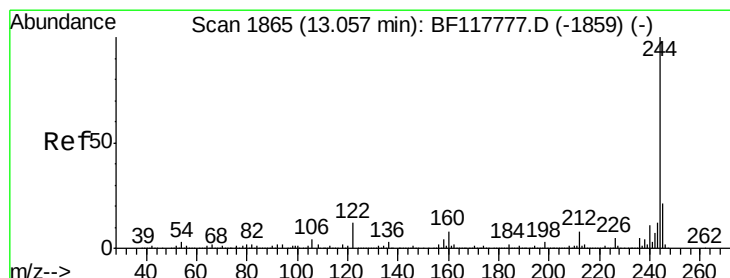
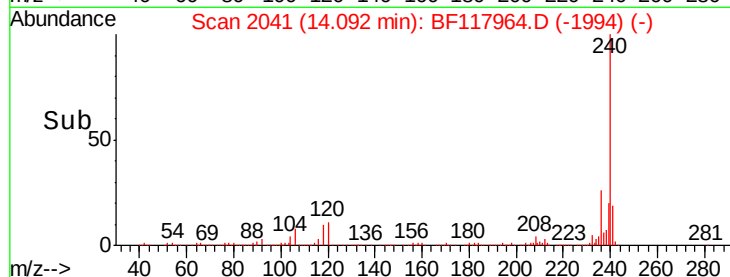
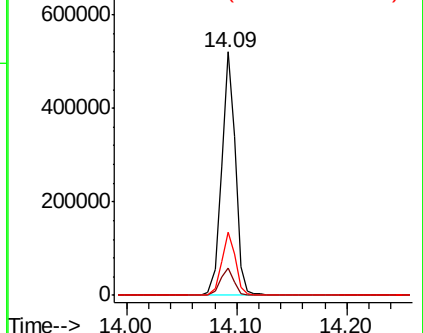
236 25.9 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 72.046 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117964.D

Acq: 23 Nov 2019 18:42

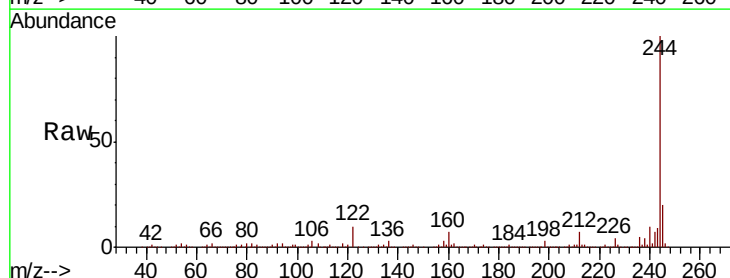
Tgt Ion:244 Resp: 1784138

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

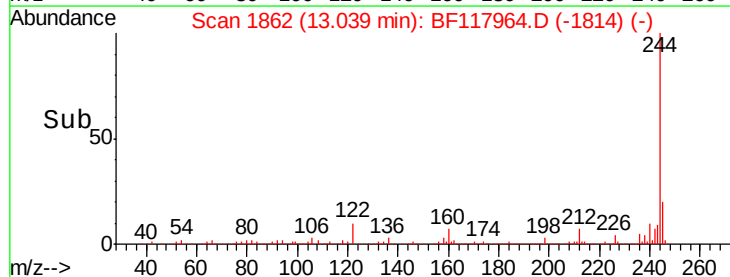
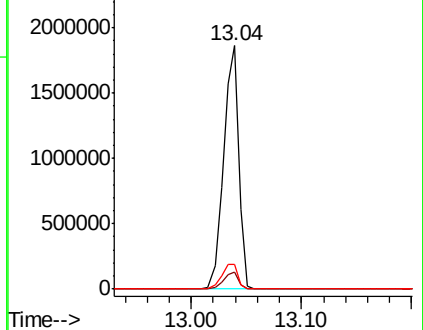
122 10.2 9.4 14.2

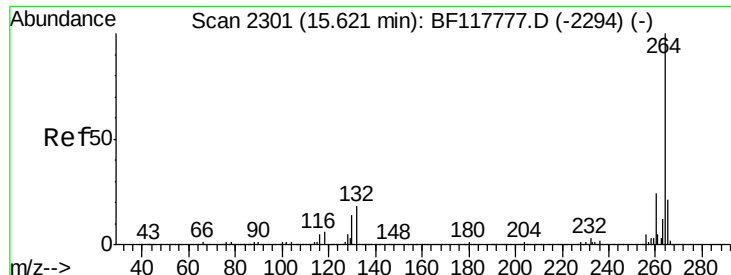


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

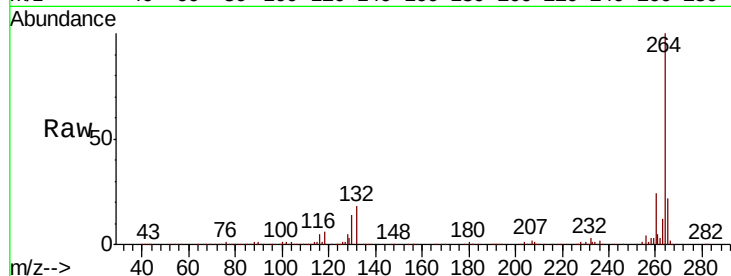




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.8	17.1	25.7



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

