

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117961.D
 Acq On : 23 Nov 2019 17:21
 Operator : JU
 Sample : K5951-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 07:52:27 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	141878	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	488992	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	303649	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	586187	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	487800	20.00	ng	-0.02
87) Perylene-d12	15.60	264	376846	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	966860	120.63	ng	-0.02
7) Phenol-d6	6.53	99	1194299	123.54	ng	-0.02
23) Nitrobenzene-d5	7.46	82	769128	93.50	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	421130	131.00	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1467904	86.73	ng	-0.02
79) Terphenyl-d14	13.04	244	1637001	61.33	ng	-0.02

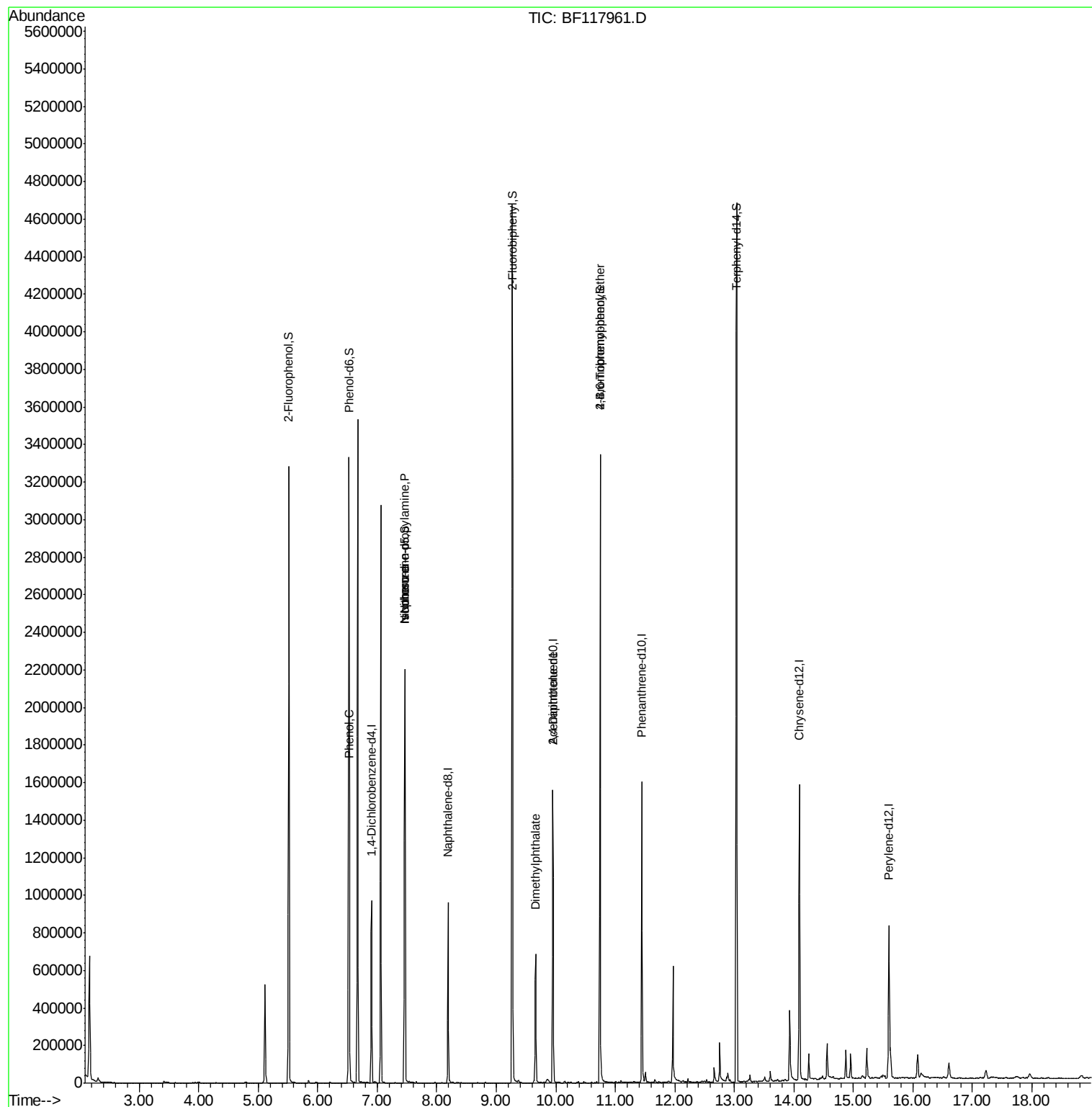
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.53	77	2231	Below Cal		# 1
10) Phenol	6.54	94	25974	2.585	ng	94
19) n-Nitroso-di-n-propylamine	7.46	70	103591	17.369	ng	# 75
25) Isophorone	7.46	82	761830	50.530	ng	# 62
50) Dimethylphthalate	9.66	163	289045	13.575	ng	98
57) 2,4-Dinitrotoluene	9.95	165	39436	6.662	ng	# 24
67) 4-Bromophenyl-phenylether	10.75	248	26650	4.214	ng	# 1
75) Fluoranthene	12.66	202	24394	Below Cal		99

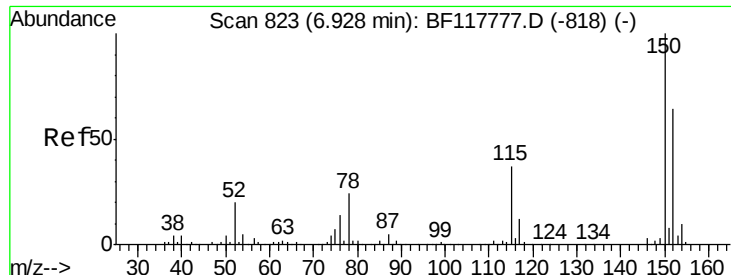
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117961.D
Acq On : 23 Nov 2019 17:21
Operator : JU
Sample : K5951-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 25 07:52:27 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



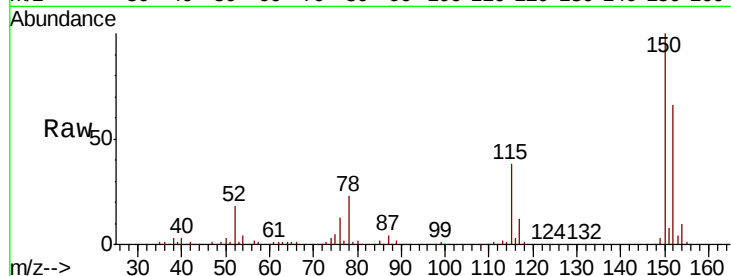


#1

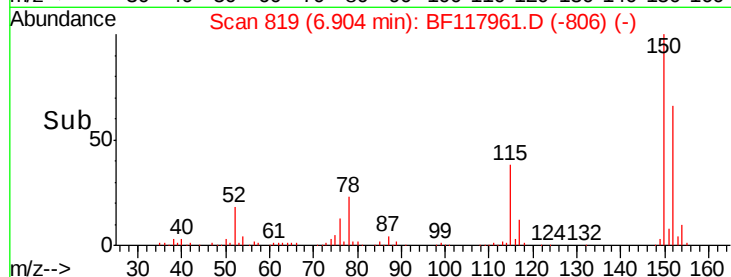
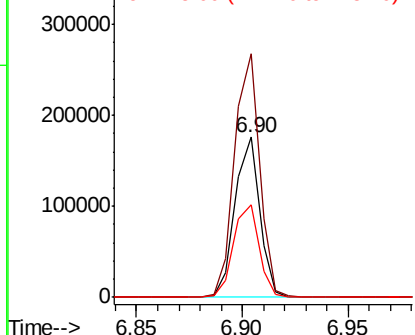
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141878
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 58.1 47.0 70.4



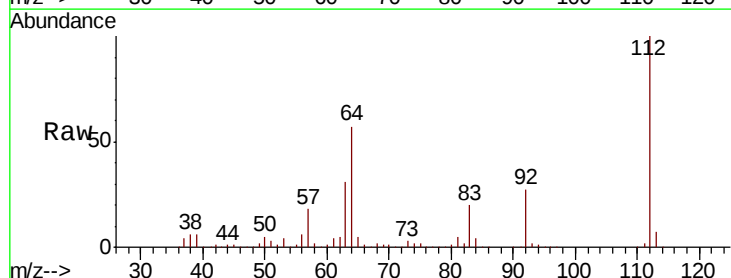
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



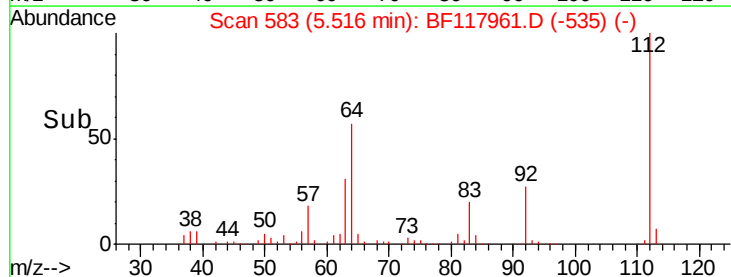
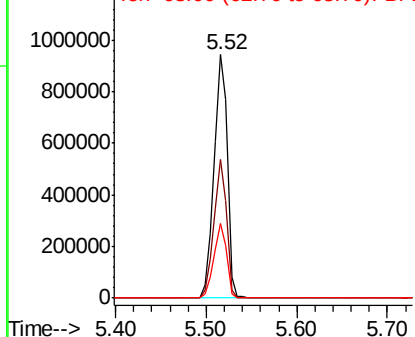
#5

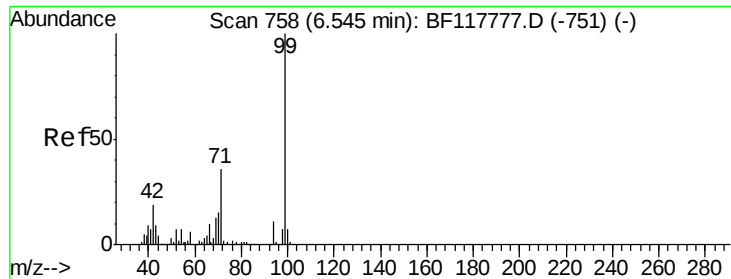
2-Fluorophenol
Concen: 120.628 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Tgt Ion:112 Resp: 966860
Ion Ratio Lower Upper
112 100
64 57.0 45.6 68.4
63 30.6 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: 123.536 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117961.D

Acq: 23 Nov 2019 17:21

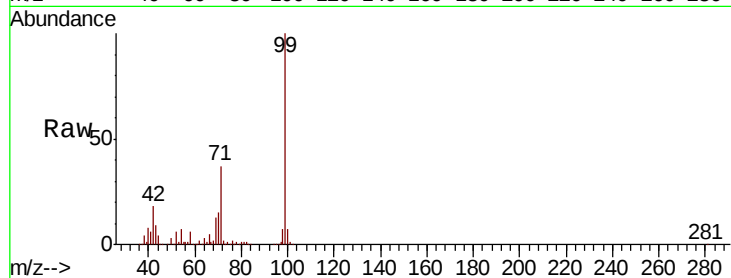
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1194299

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.9	22.3
71	36.5	28.6	43.0

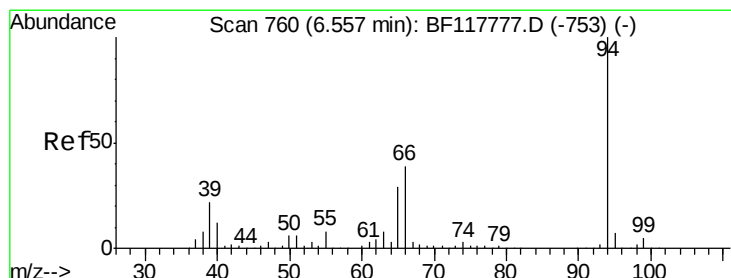
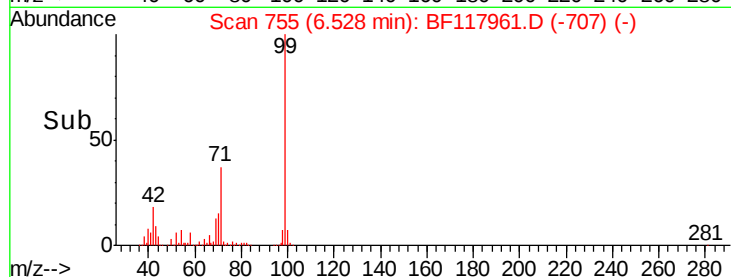
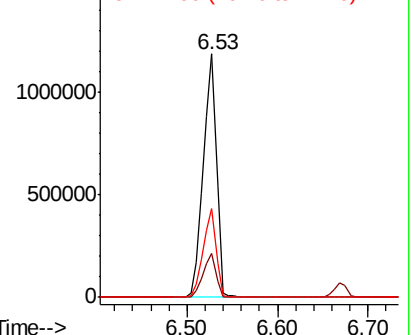


Abundance

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: 2.585 ng

RT: 6.54 min Scan# 757

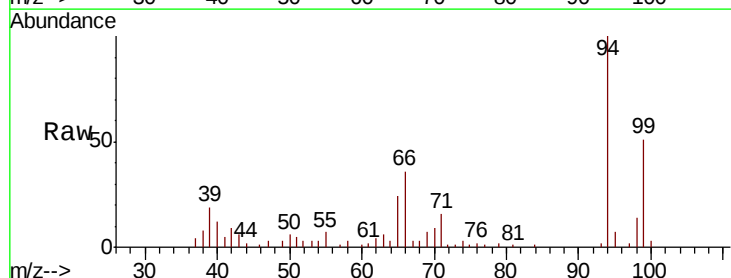
Delta R.T. -0.02 min

Lab File: BF117961.D

Acq: 23 Nov 2019 17:21

Tgt Ion: 94 Resp: 25974

Ion	Ratio	Lower	Upper
94	100		
65	23.9	8.9	48.9
66	36.2	18.7	58.7

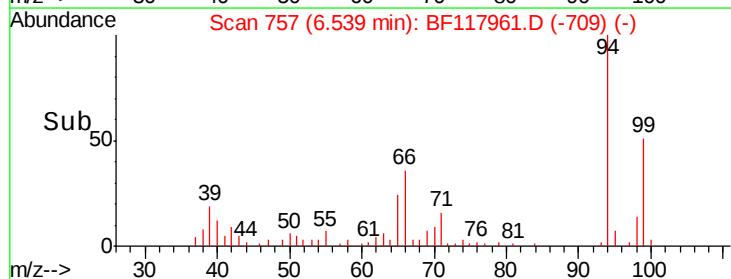
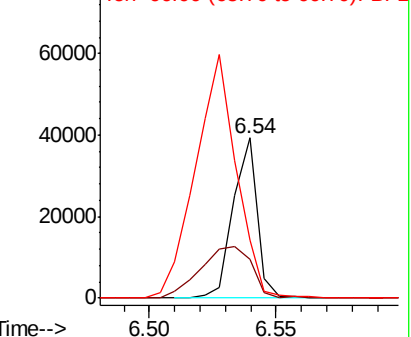


Abundance

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

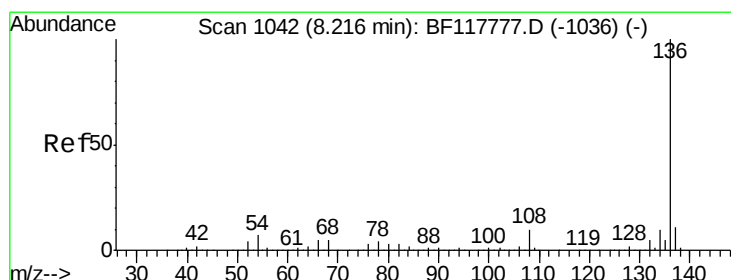
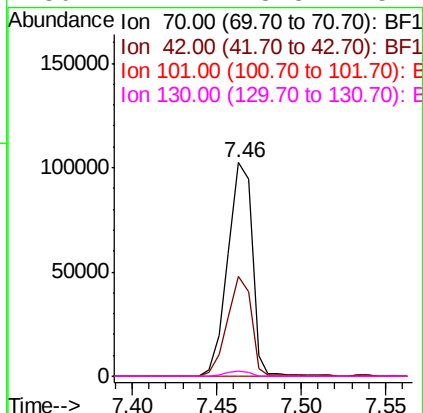
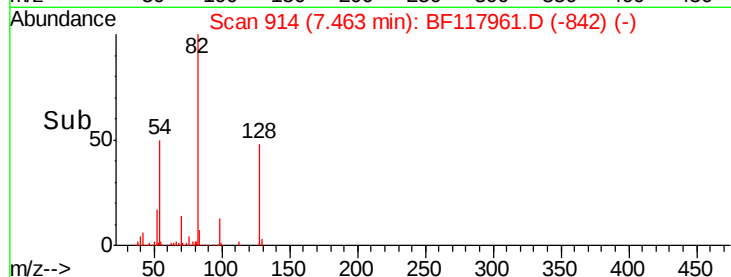
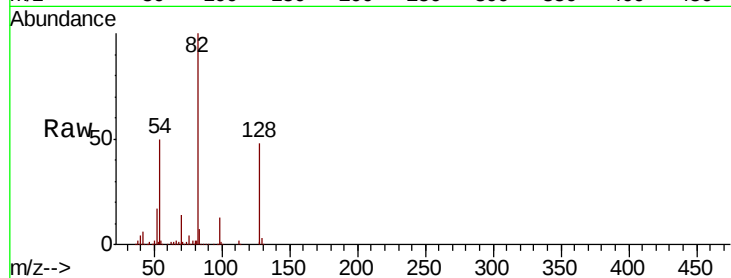




#19
n-Nitroso-di-n-propylamine
Concen: 17.369 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.12 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

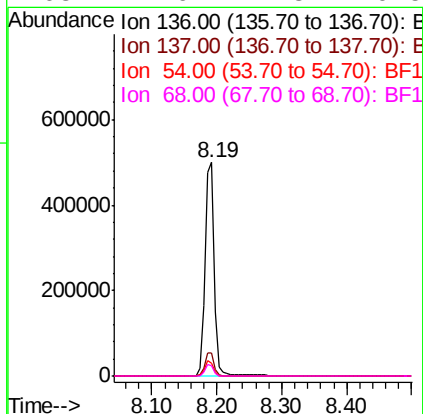
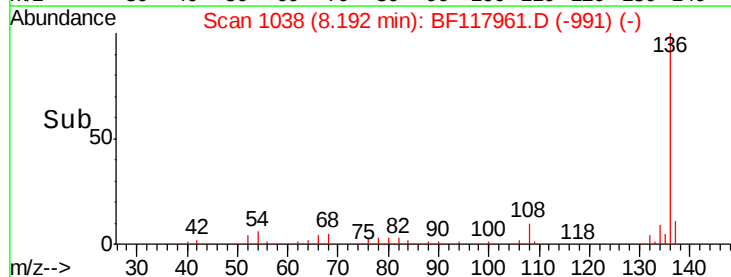
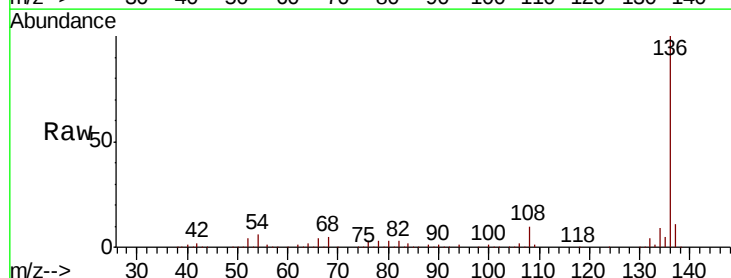
Instrument :
BNA_F
ClientSampleId :

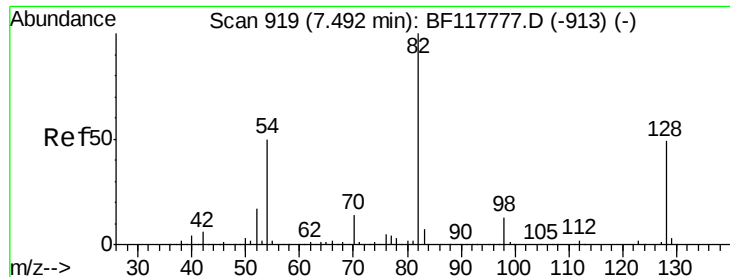
Tot Ion: 70 Resp: 103591
Ion Ratio Lower Upper
70 100
42 46.6 47.4 71.2#
101 0.0 8.4 12.6#
130 2.2 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Tgt Ion: 136 Resp: 488992
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.1 5.4 8.2
68 4.6 4.3 6.5

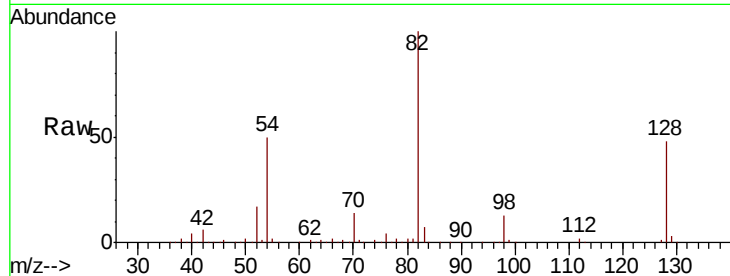




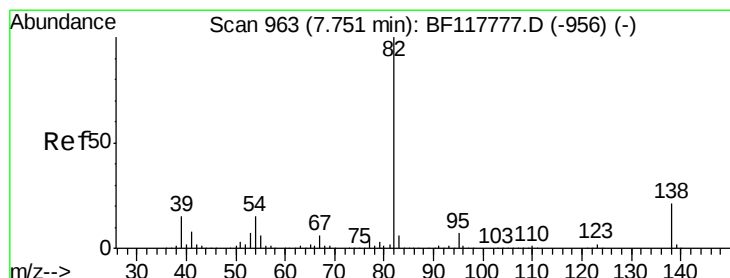
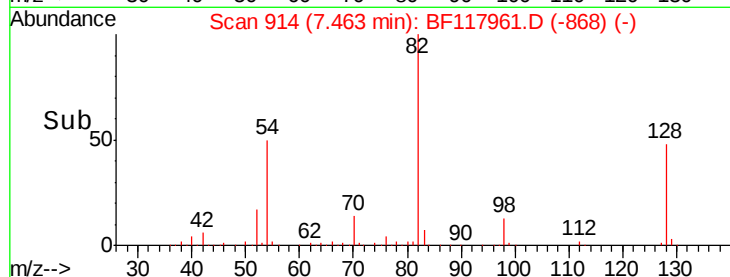
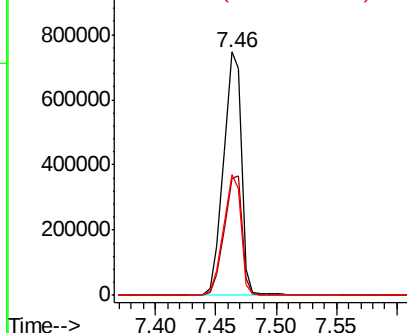
#23
Nitrobenzene-d5
Concen: 93.502 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	769128
Ion Ratio	Lower	Upper	
82	100		
128	47.8	38.9	58.3
54	49.6	39.8	59.6

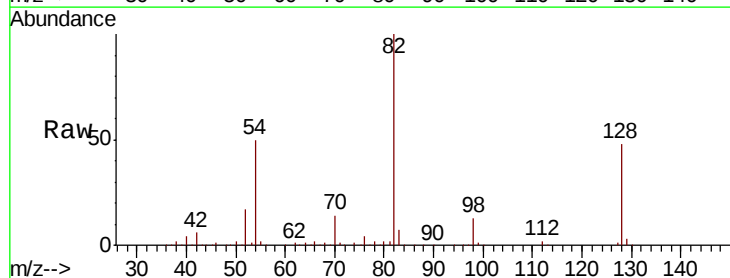


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

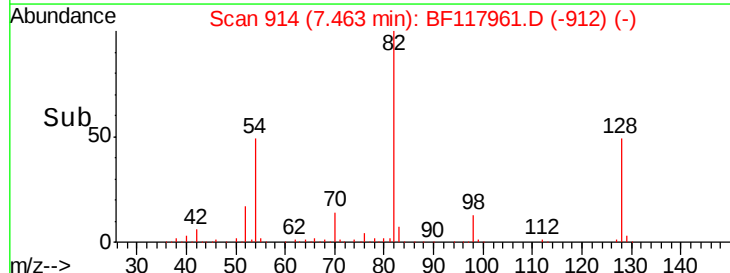
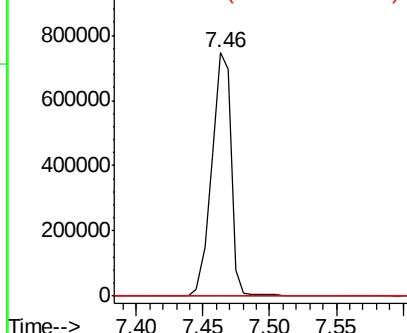


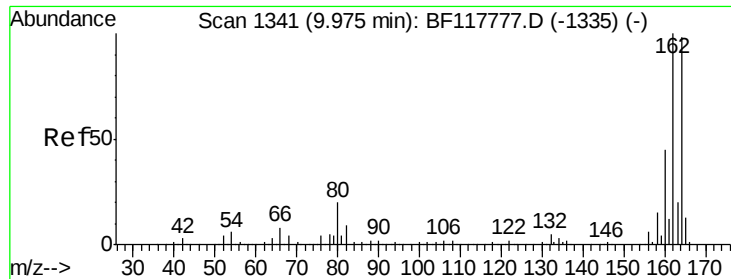
#25
Isophorone
Concen: 50.530 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.29 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Tgt Ion	82	Resp	761830
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

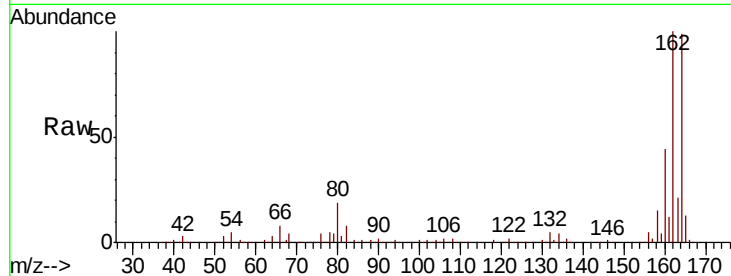




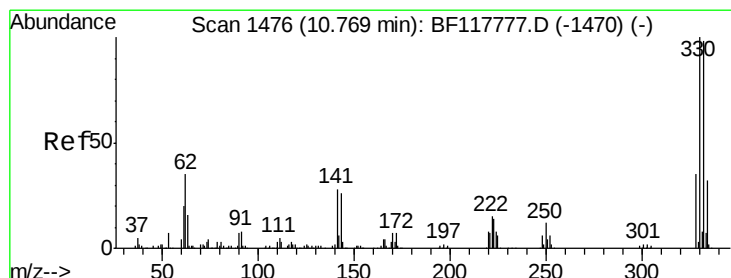
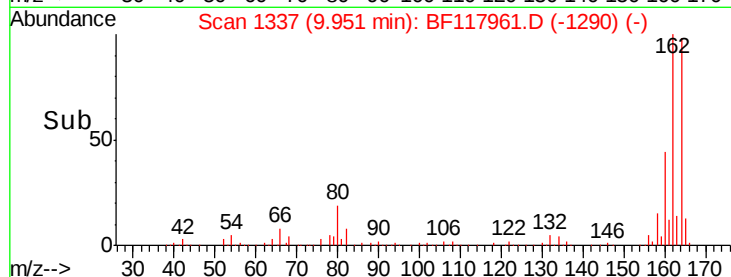
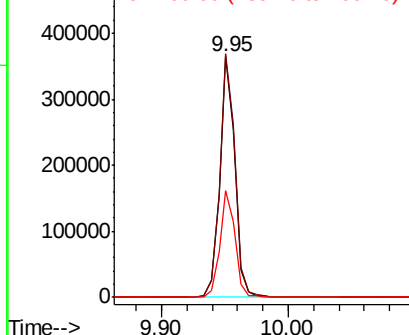
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF117961.D
 Acq: 23 Nov 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 303649
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.3 121.9
 160 44.3 36.6 55.0

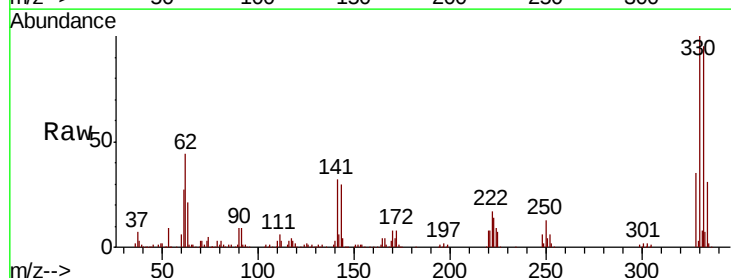


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

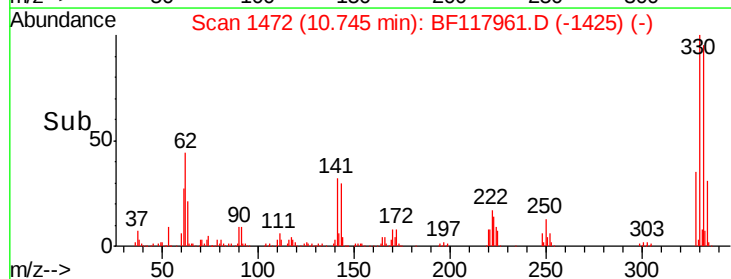
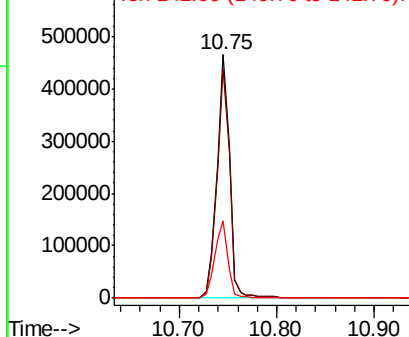


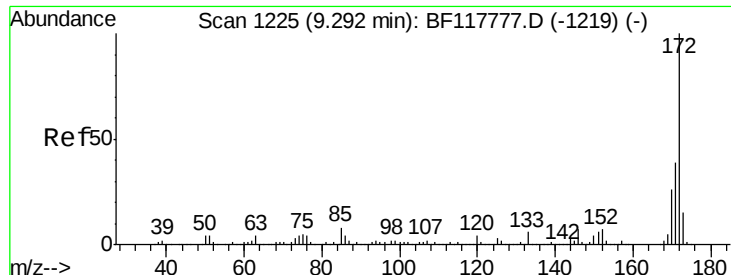
#42
 2,4,6-Tribromophenol
 Concen: 131.001 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117961.D
 Acq: 23 Nov 2019 17:21

Tgt Ion:330 Resp: 421130
 Ion Ratio Lower Upper
 330 100
 332 95.4 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

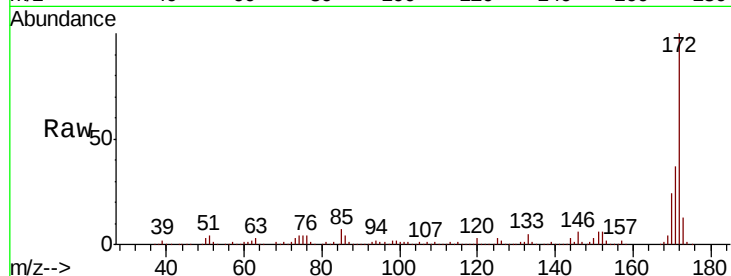




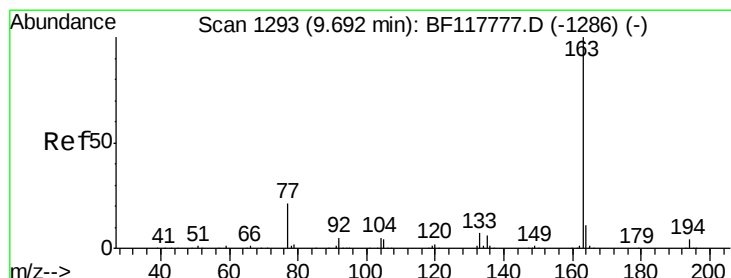
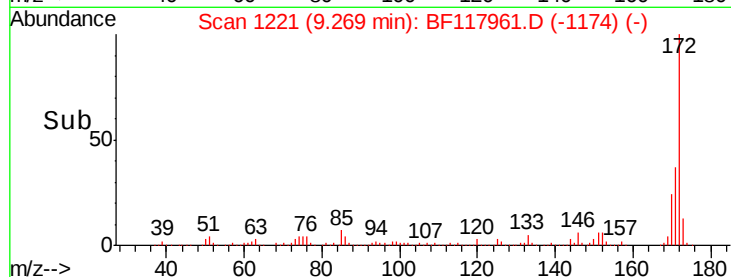
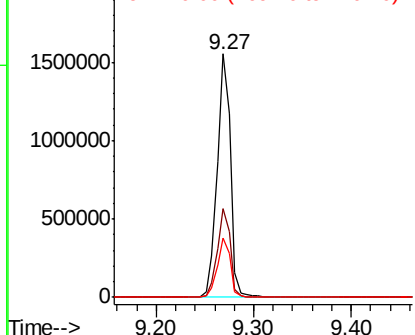
#45
2-Fluorobiphenyl
Concen: 86.727 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1467904
Ion Ratio Lower Upper
172 100
171 36.7 30.9 46.3
170 24.4 21.0 31.4

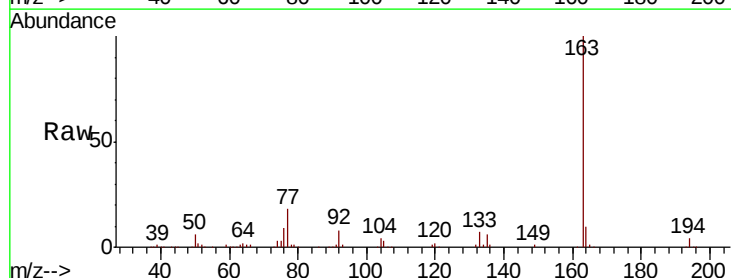


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

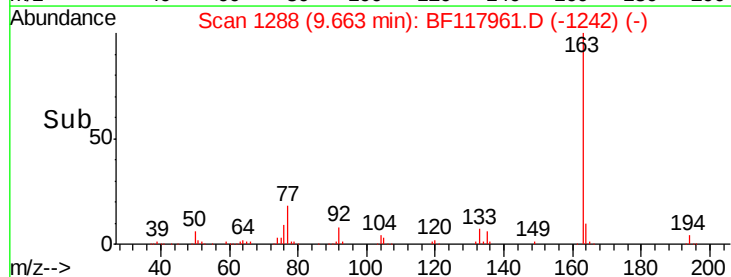
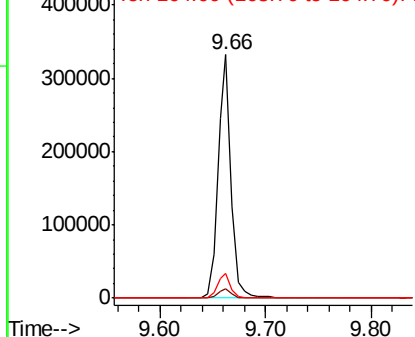


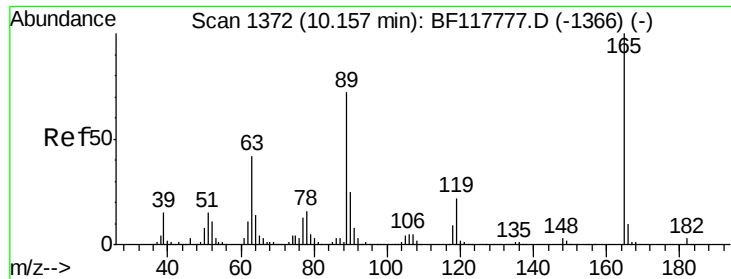
#50
Dimethylphthalate
Concen: 13.575 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Tgt Ion:163 Resp: 289045
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 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

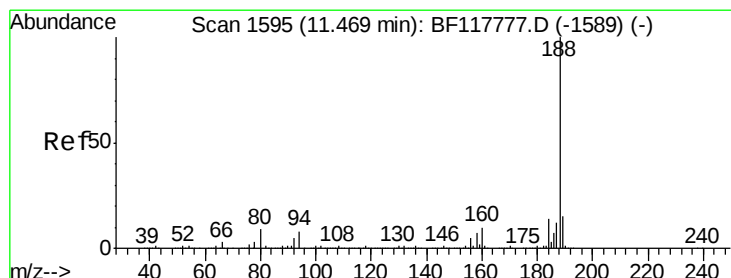
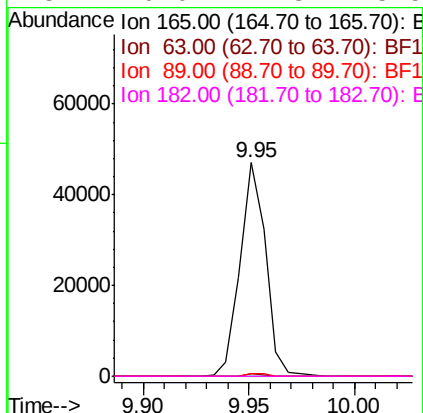
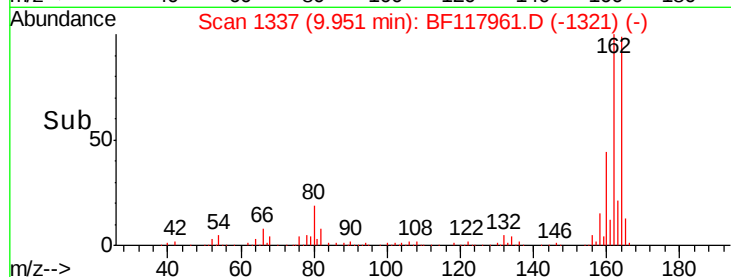
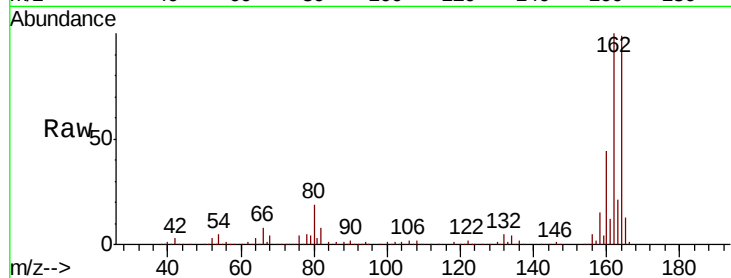




#57
2,4-Dinitrotoluene
Concen: 6.662 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

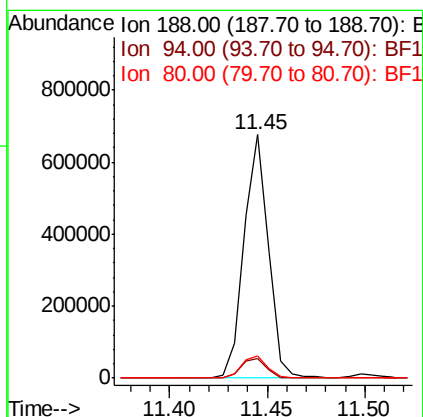
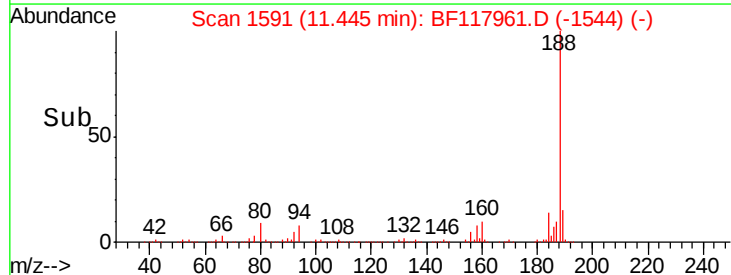
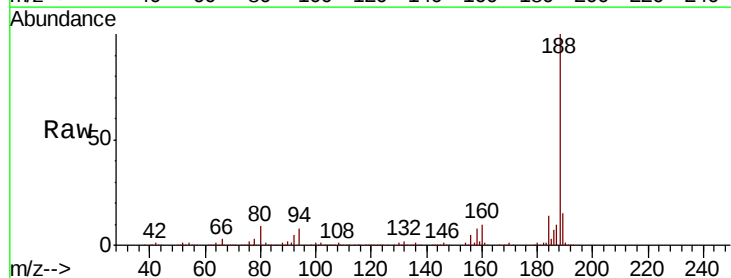
Instrument :
BNA_F
ClientSampleId :

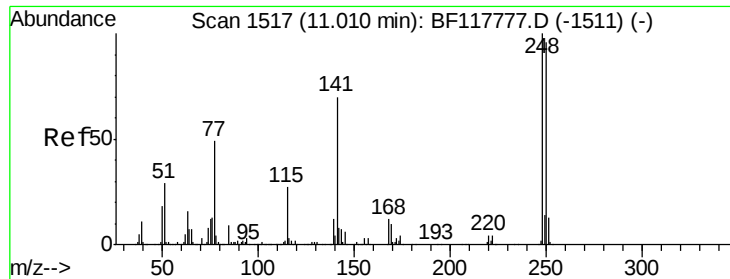
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117961.D
Acq: 23 Nov 2019 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.0	7.2	10.8

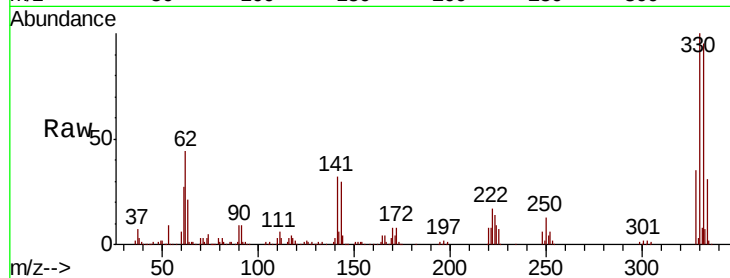




#67
 4-Bromophenyl-phenylether
 Concen: 4.214 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.26 min
 Lab File: BF117961.D
 Acq: 23 Nov 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.8	76.6	115.0#
141	500.9	55.9	83.9#

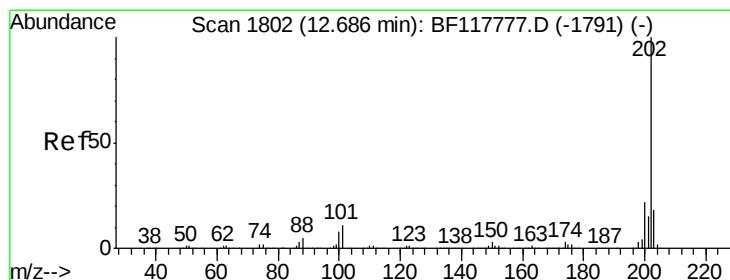
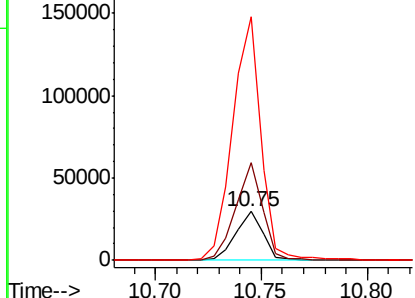
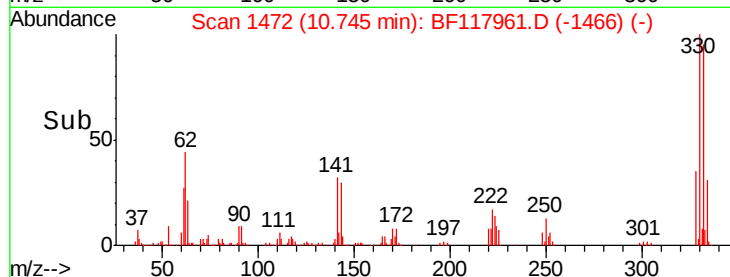


Abundance

Ion 248.00 (247.70 to 248.70): E

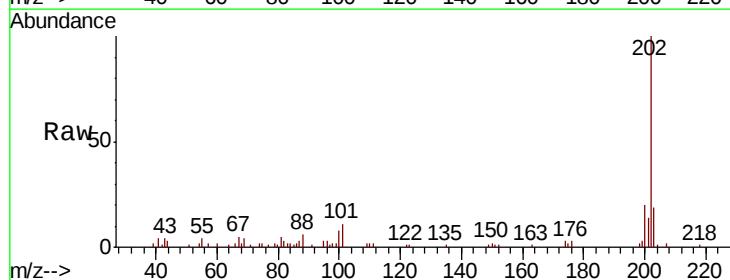
Ion 250.00 (249.70 to 250.70): E

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: BF117961.D
 Acq: 23 Nov 2019 17:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	18.8	0.0	38.2

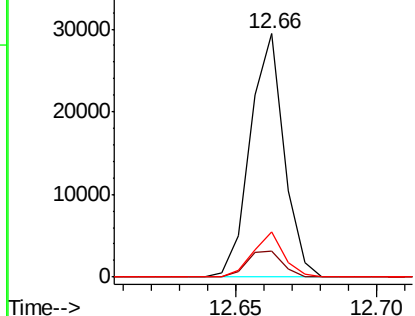
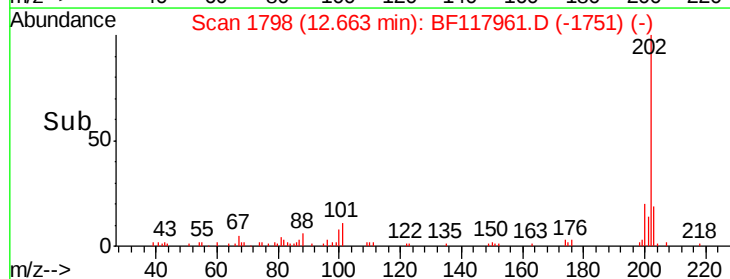


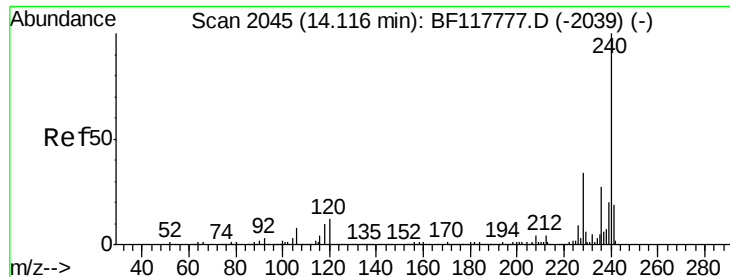
Abundance

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: BF117961.D

Acq: 23 Nov 2019 17:21

Instrument :

BNA_F

ClientSampleId :

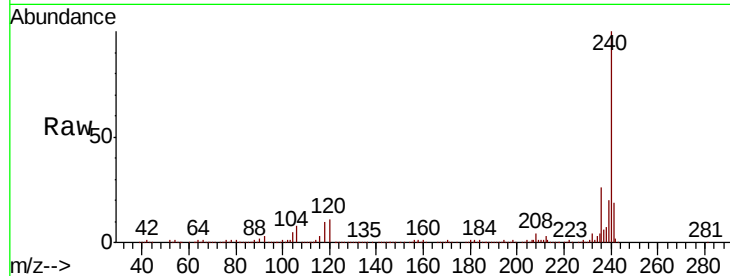
Tot Ion:240 Resp: 487800

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

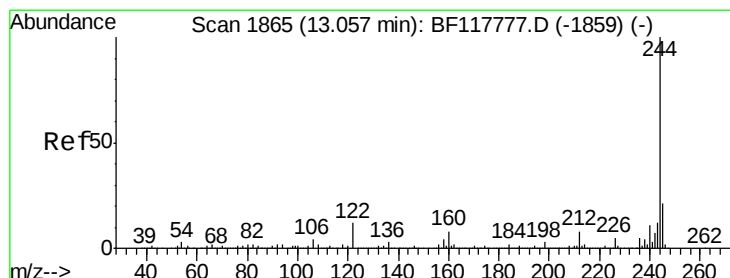
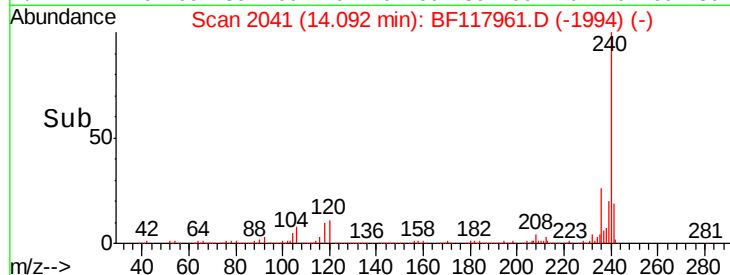
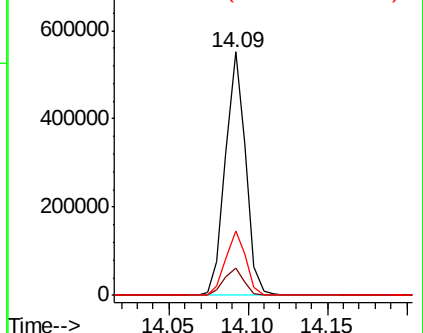
236 26.2 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 61.332 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117961.D

Acq: 23 Nov 2019 17:21

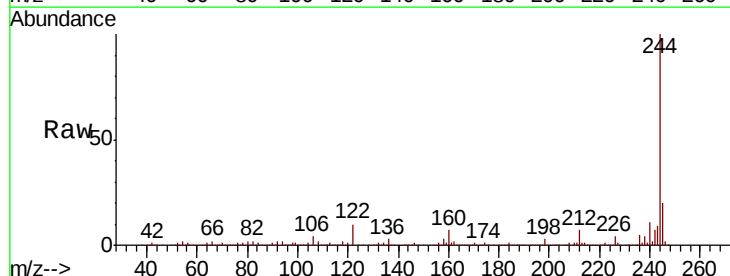
Tgt Ion:244 Resp: 1637001

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

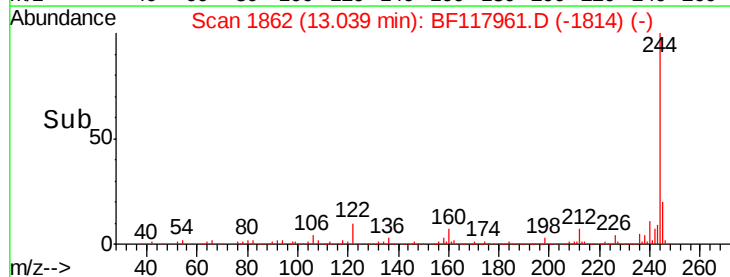
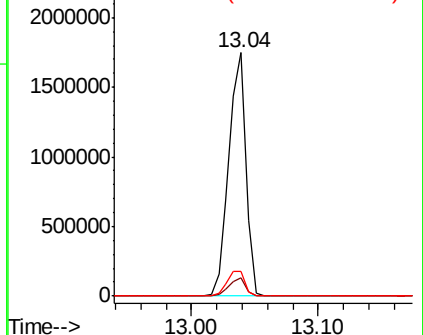
122 10.3 9.4 14.2

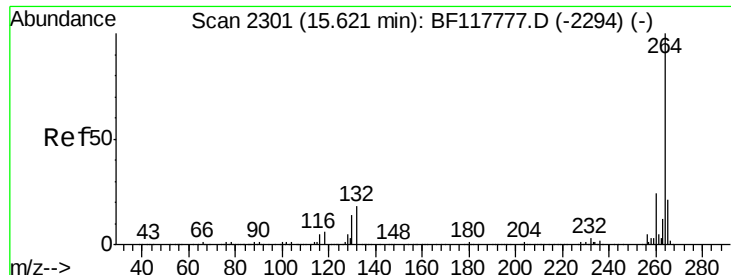


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

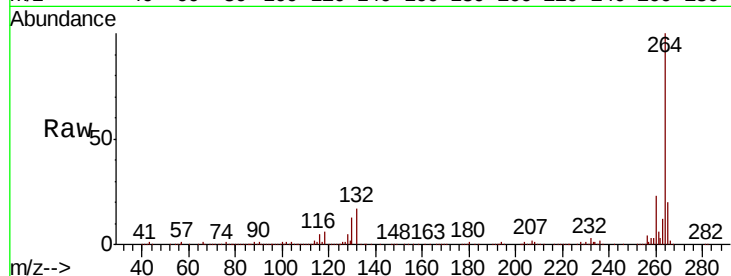




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BF117961.D
 Acq: 23 Nov 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	20.4	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

