

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118012.D
 Acq On : 26 Nov 2019 17:32
 Operator : JU
 Sample : K5948-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 00:45:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

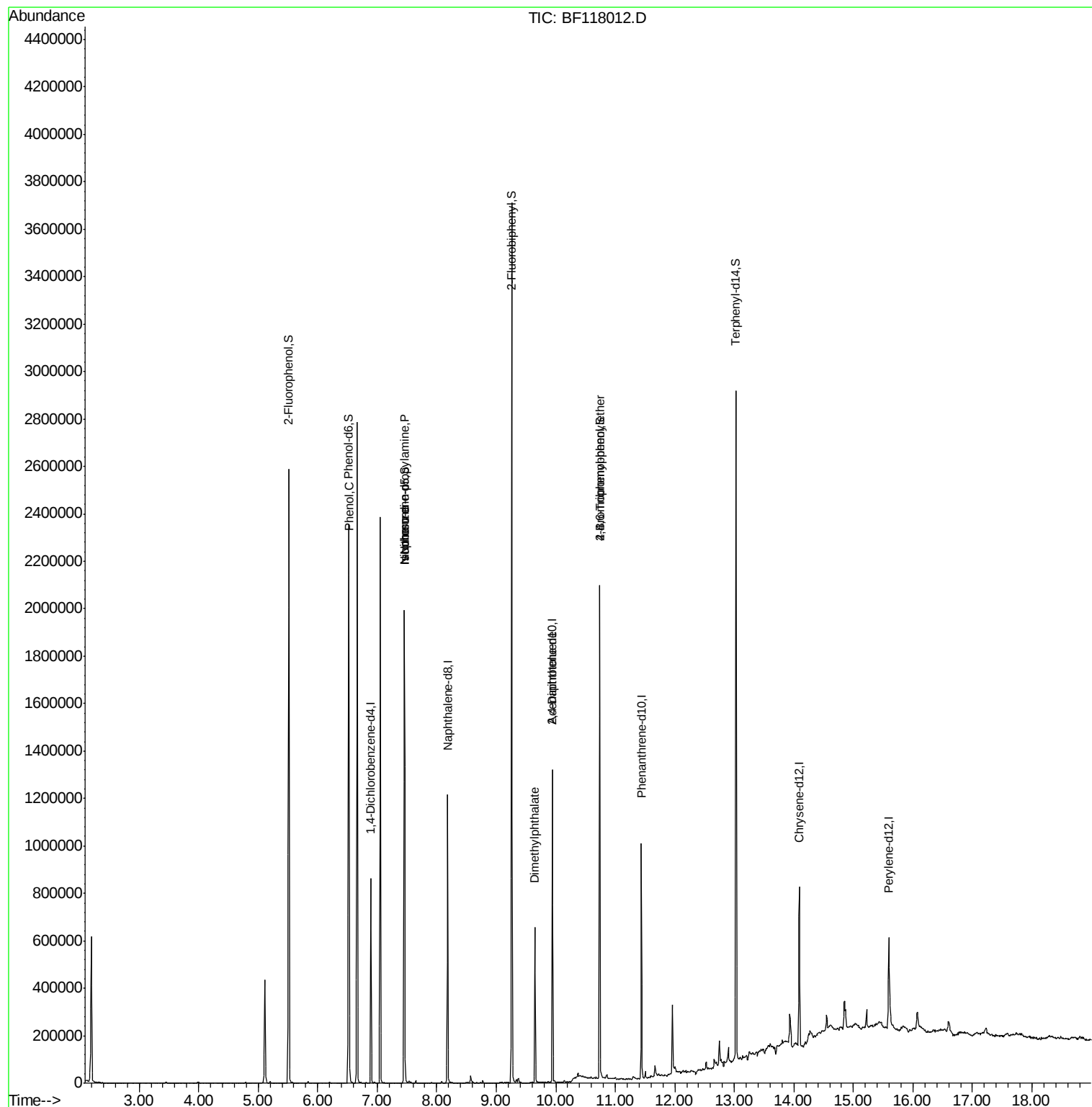
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120351	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	521677	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	241607	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	324921	20.00	ng	0.00
76) Chrysene-d12	14.09	240	210799	20.00	ng	0.00
87) Perylene-d12	15.60	264	181398	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	716153	105.33	ng	0.02
7) Phenol-d6	6.52	99	914592	111.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	643346	73.31	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	242799	94.92	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1062724	78.91	ng	0.00
79) Terphenyl-d14	13.03	244	978384	84.83	ng	0.00
Target Compounds						
10) Phenol	6.53	94	18921	2.220	ng	92
19) n-Nitroso-di-n-propylamine	7.46	70	87095	17.215	ng	# 74
25) Isophorone	7.46	82	643446	40.004	ng	# 62
50) Dimethylphthalate	9.65	163	246246	14.534	ng	98
57) 2,4-Dinitrotoluene	9.95	165	30624	6.502	ng	# 25
67) 4-Bromophenyl-phenylether	10.74	248	15109	4.310	ng	# 1
75) Fluoranthene	12.66	202	9361	Below Cal		96

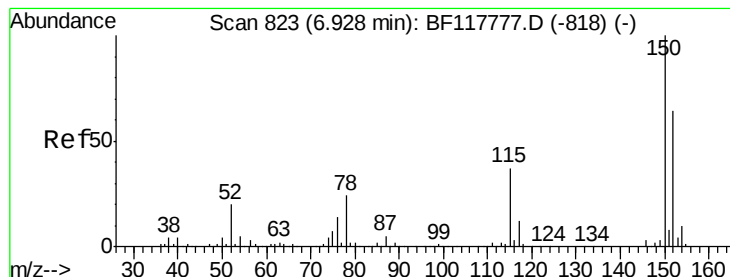
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118012.D
Acq On : 26 Nov 2019 17:32
Operator : JU
Sample : K5948-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 27 00:45:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration



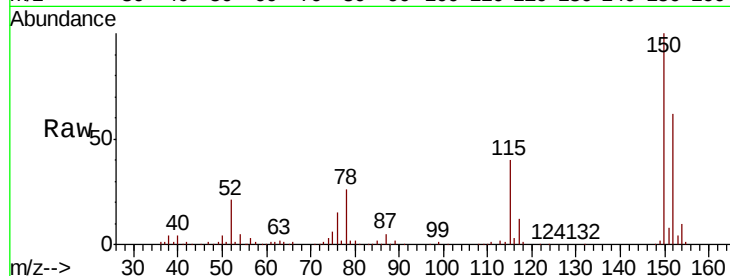


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.3	187.9
115	63.9	47.0	70.4

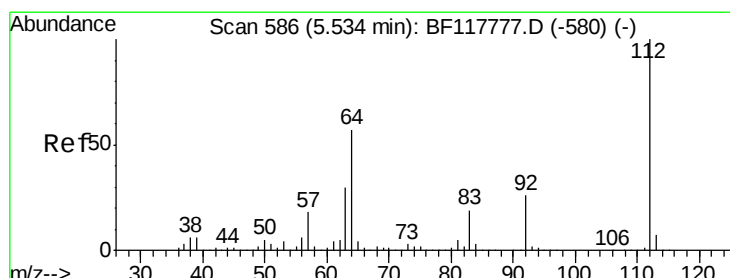
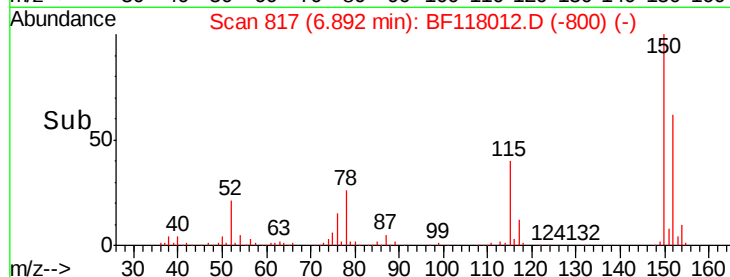
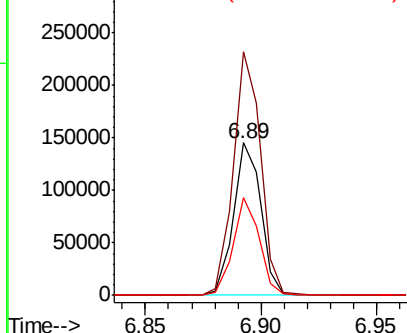


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

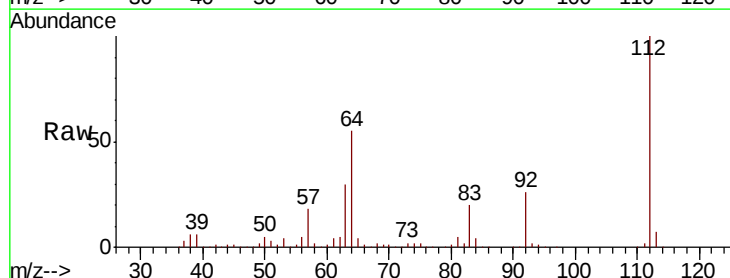
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.331 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.6	68.4
63	30.1	24.1	36.1

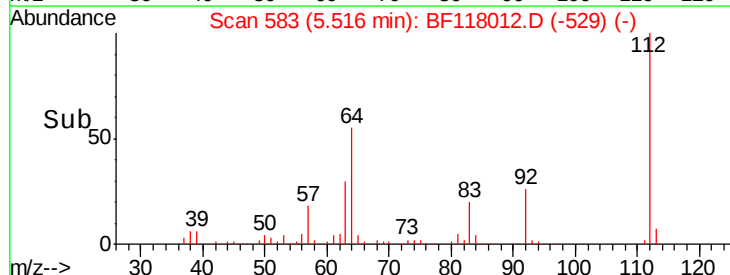
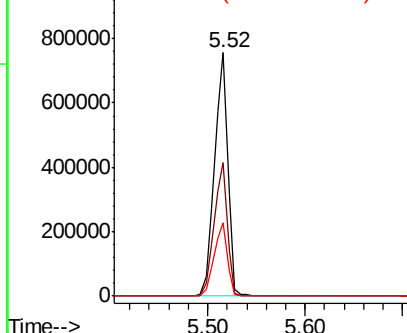


Abundance

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: 111.525 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF118012.D

Acq: 26 Nov 2019 17:32

Instrument :

BNA_F

ClientSampleId :

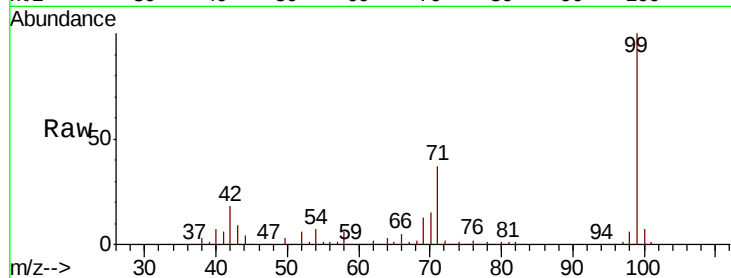
Tot Ion: 99 Resp: 914592

Ion Ratio Lower Upper

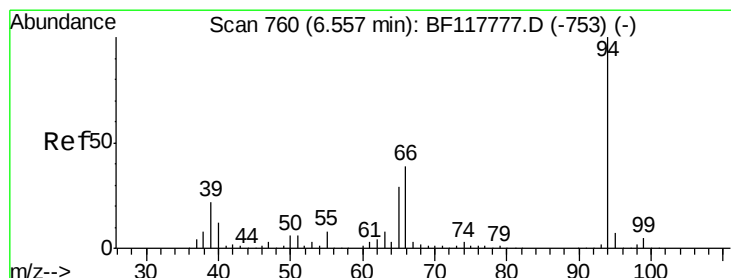
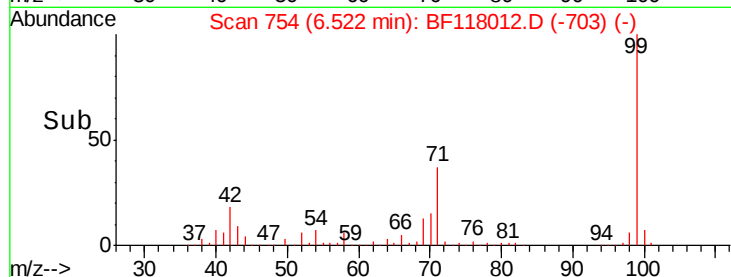
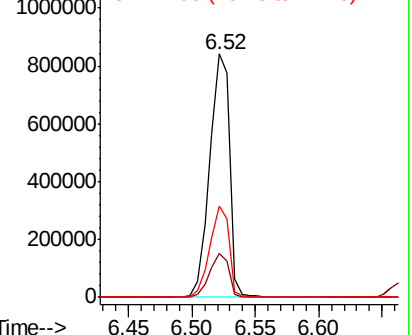
99 100

42 18.2 14.9 22.3

71 37.3 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: 2.220 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF118012.D

Acq: 26 Nov 2019 17:32

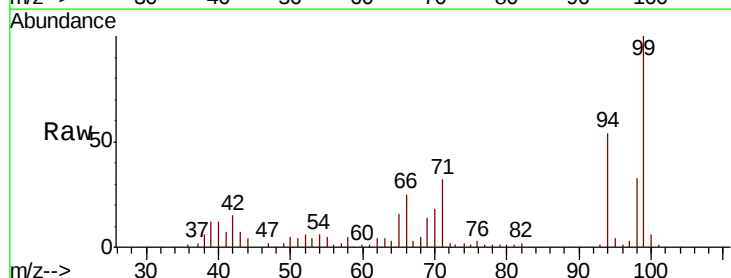
Tgt Ion: 94 Resp: 18921

Ion Ratio Lower Upper

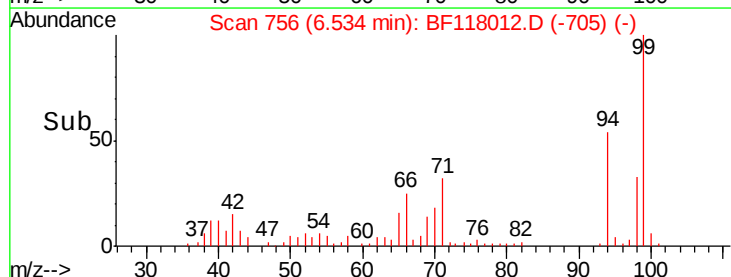
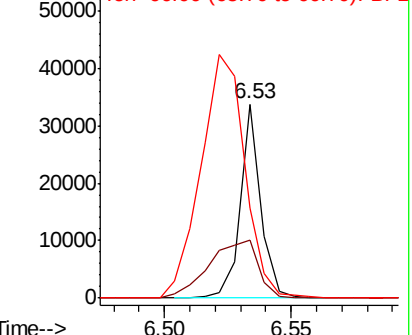
94 100

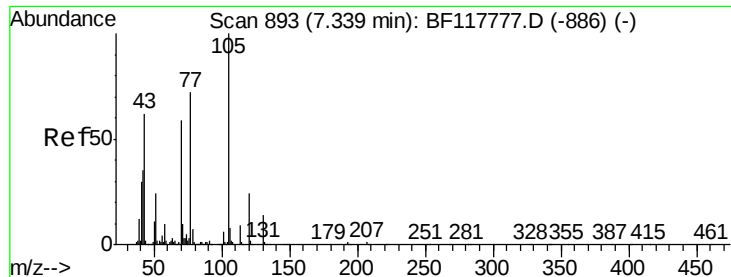
65 29.8 8.9 48.9

66 46.4 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

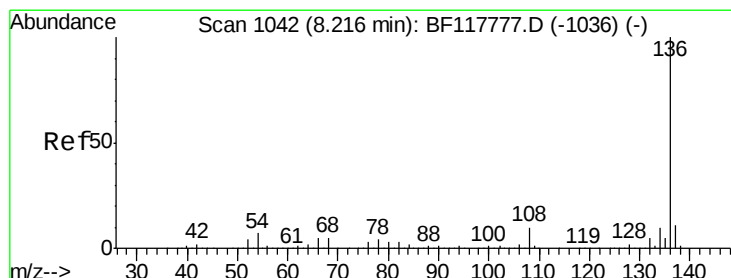
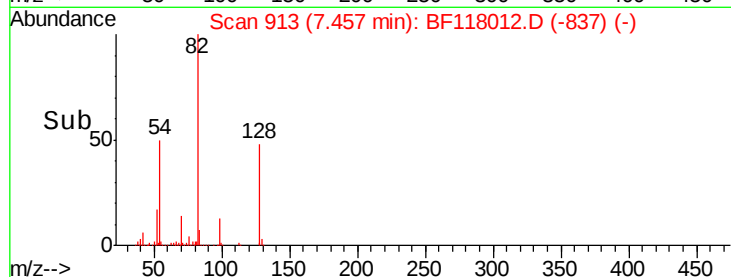
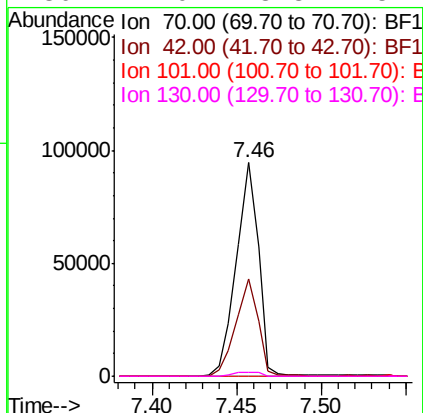
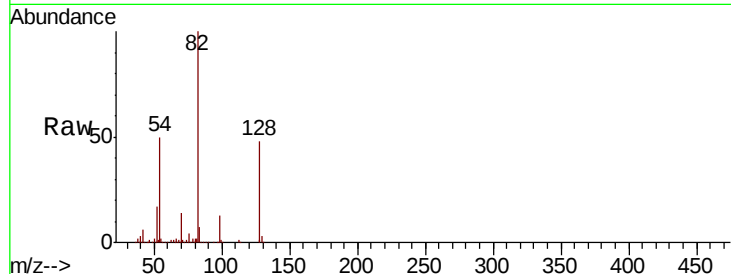




#19
n-Nitroso-di-n-propylamine
Concen: 17.215 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

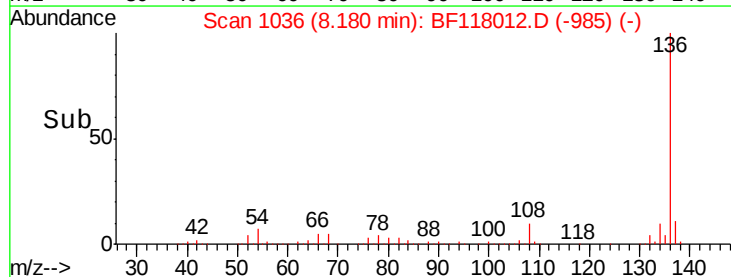
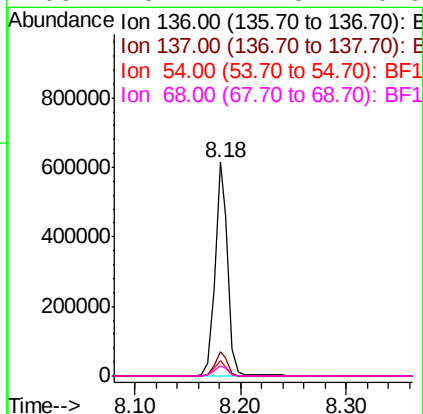
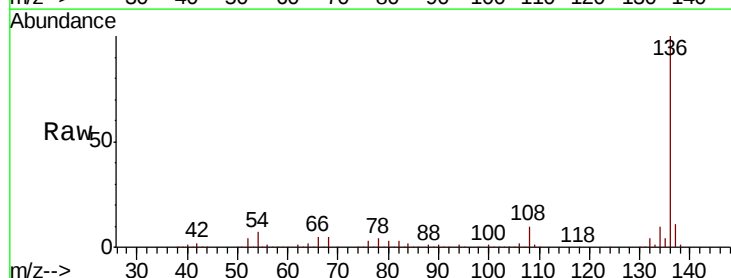
Instrument :
BNA_F
ClientSampled :

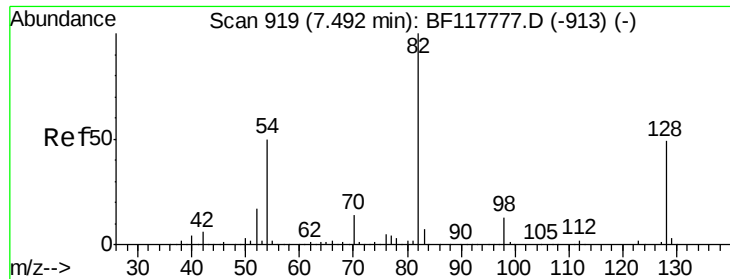
Tot Ion: 70 Resp: 87095
Ion Ratio Lower Upper
70 100
42 45.3 47.4 71.2#
101 0.0 8.4 12.6#
130 2.0 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Tgt Ion: 136 Resp: 521677
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 7.3 5.4 8.2
68 5.1 4.3 6.5

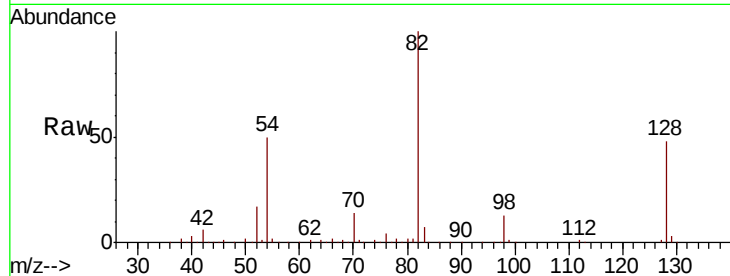




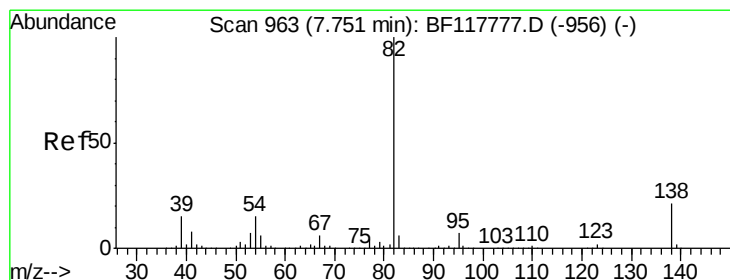
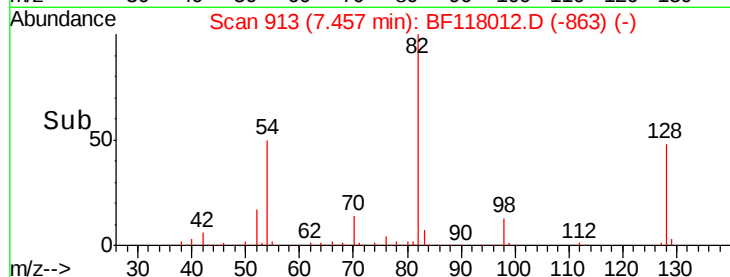
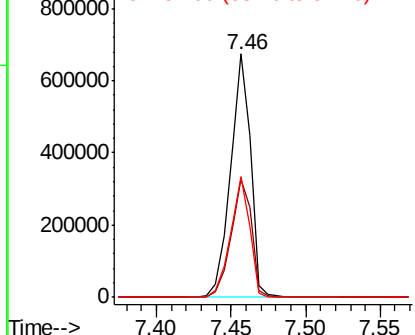
#23
Nitrobenzene-d5
Concen: 73.310 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	643346
Ion Ratio	Lower	Upper	
82	100		
128	48.4	38.9	58.3
54	49.5	39.8	59.6

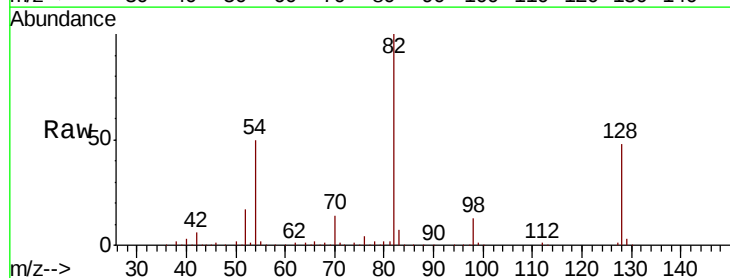


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

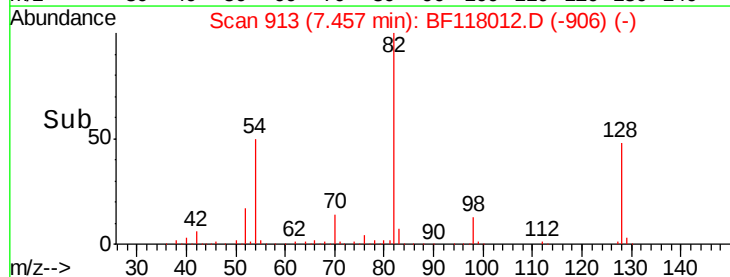
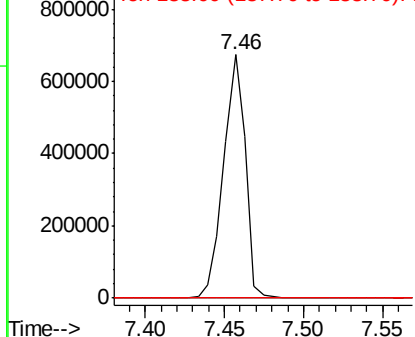


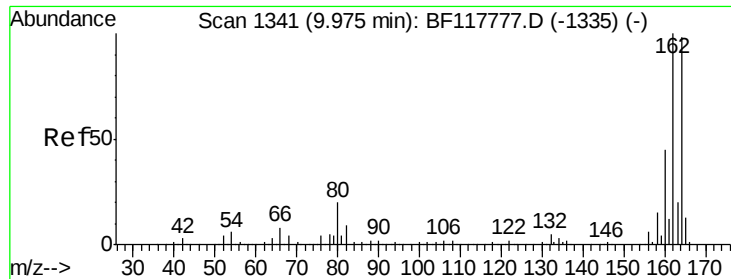
#25
Isophorone
Concen: 40.004 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Tgt Ion	82	Resp	643446
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# 1336

Delta R.T. -0.00 min

Lab File: BF118012.D

Acq: 26 Nov 2019 17:32

Instrument :

BNA_F

ClientSampleId :

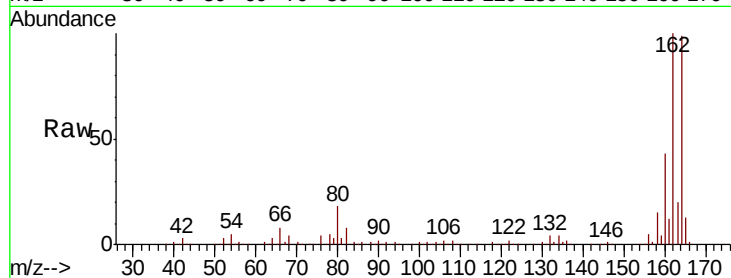
Tot Ion:164 Resp: 241607

Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

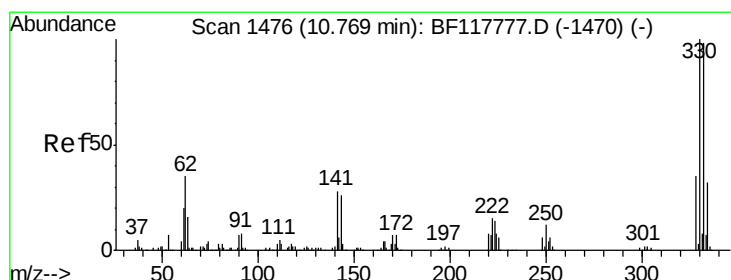
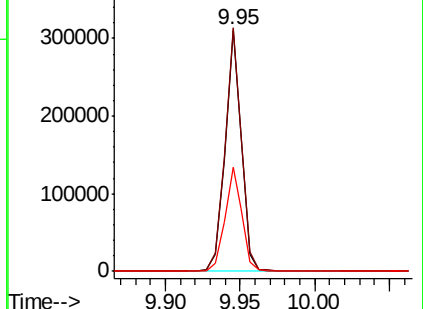
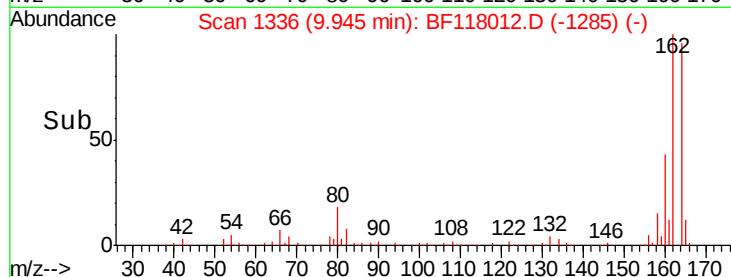
160 43.2 36.6 55.0



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: 94.922 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BF118012.D

Acq: 26 Nov 2019 17:32

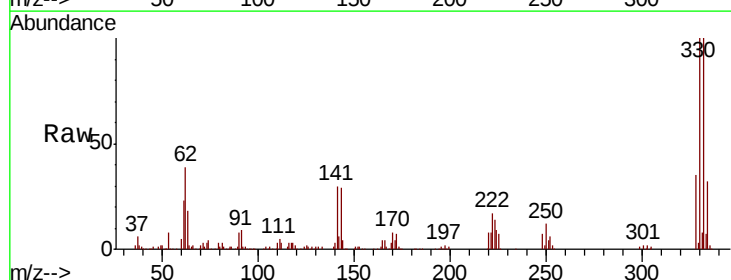
Tgt Ion:330 Resp: 242799

Ion Ratio Lower Upper

330 100

332 97.8 76.7 115.1

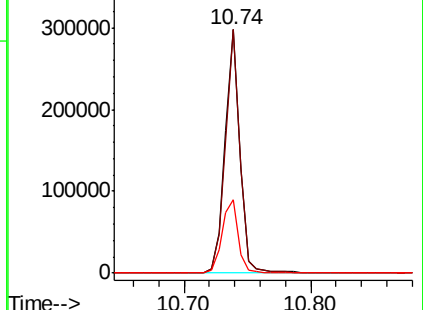
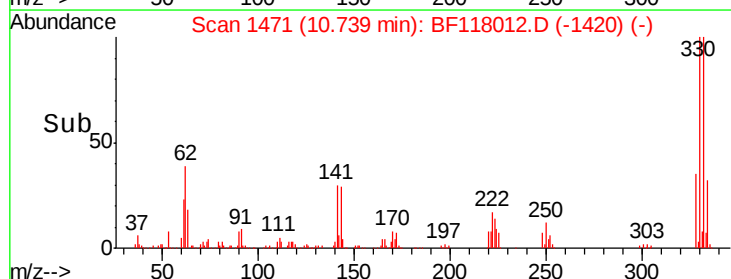
141 33.2 27.7 41.5

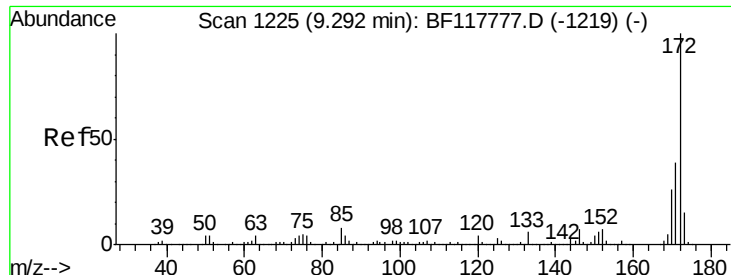


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

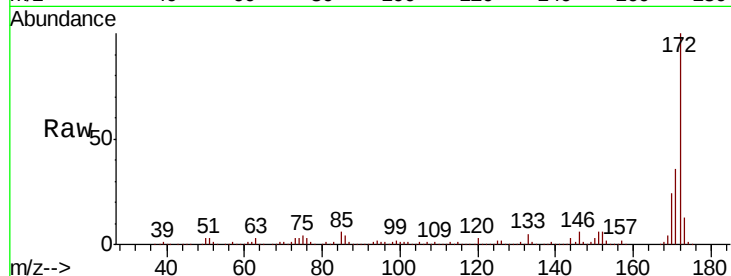




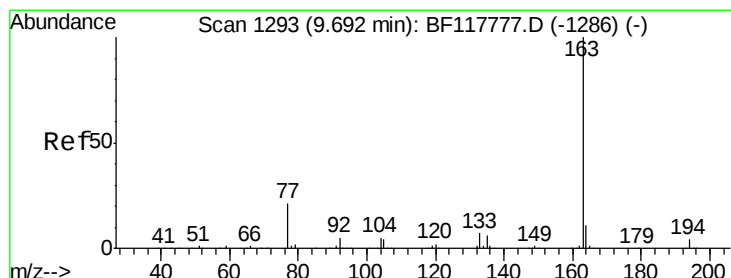
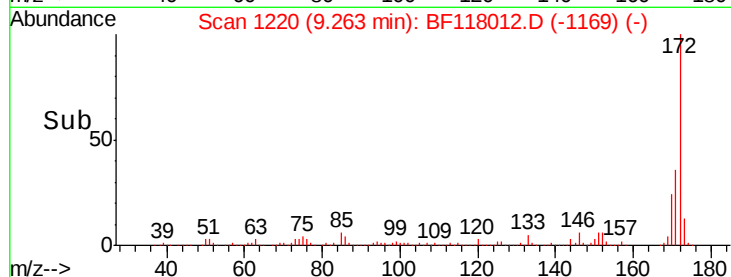
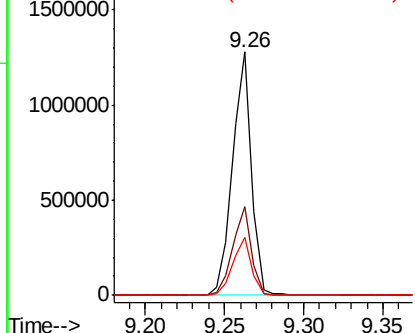
#45
2-Fluorobiphenyl
Concen: 78.912 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1062724
Ion Ratio Lower Upper
172 100
171 36.3 30.9 46.3
170 24.0 21.0 31.4

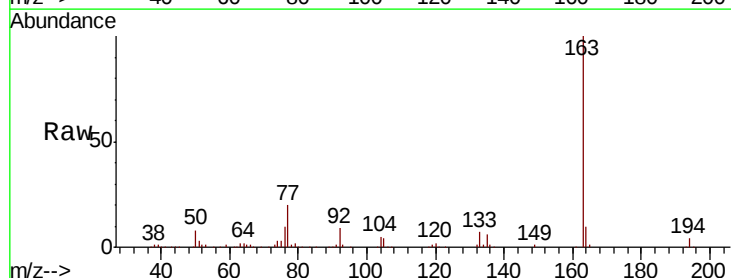


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

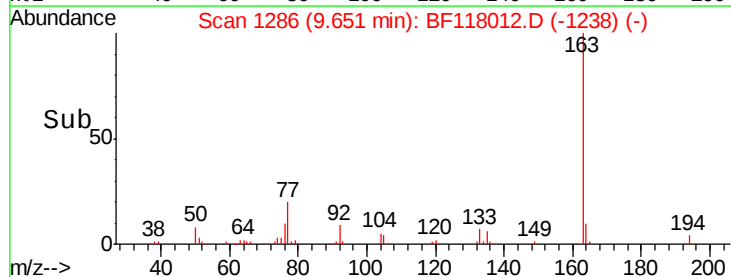
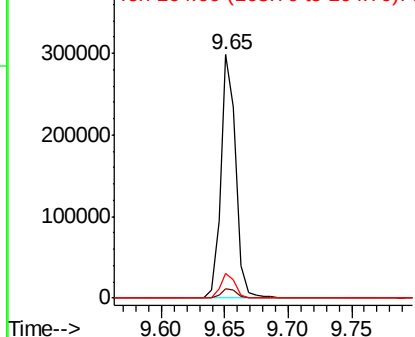


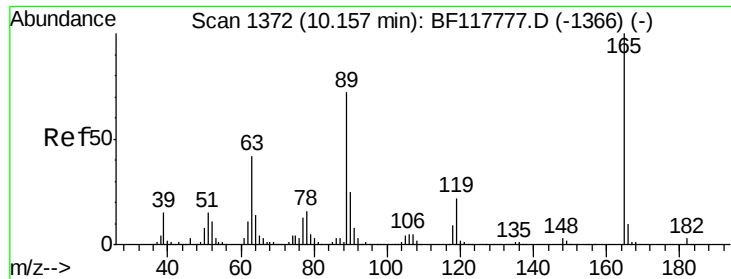
#50
Dimethylphthalate
Concen: 14.534 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Tgt Ion:163 Resp: 246246
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

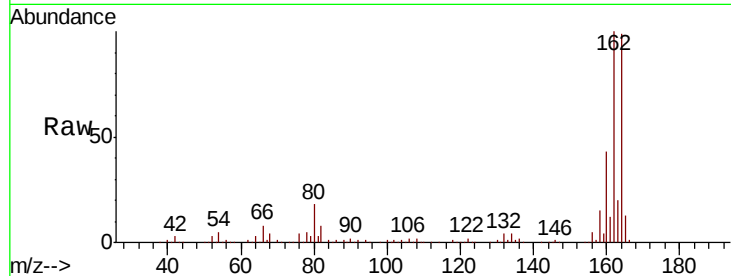




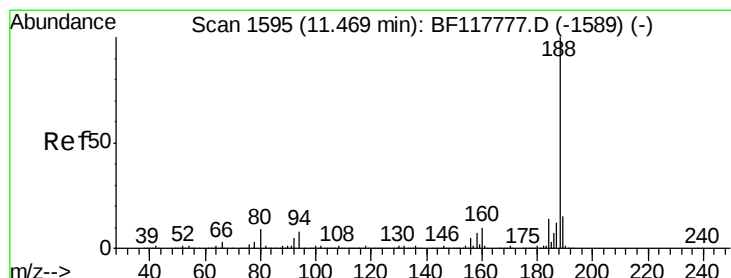
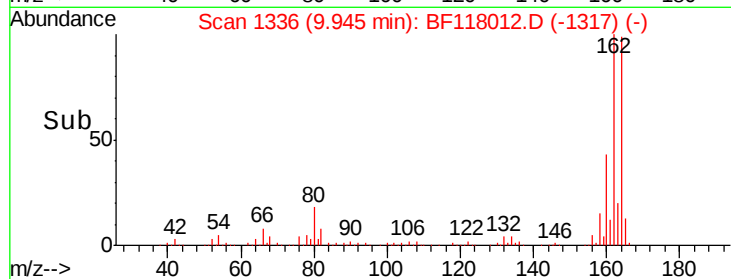
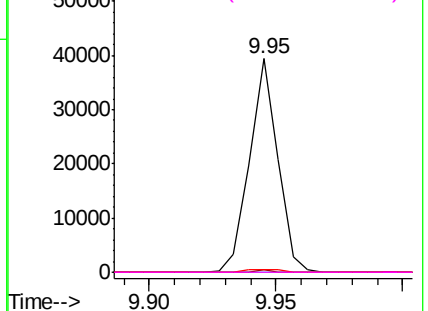
#57
 2,4-Dinitrotoluene
 Concen: 6.502 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.19 min
 Lab File: BF118012.D
 Acq: 26 Nov 2019 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	30624
Ion Ratio	Lower	Upper
165	100	
63	1.4	33.7 50.5#
89	1.4	57.3 85.9#
182	0.0	2.3 3.5#

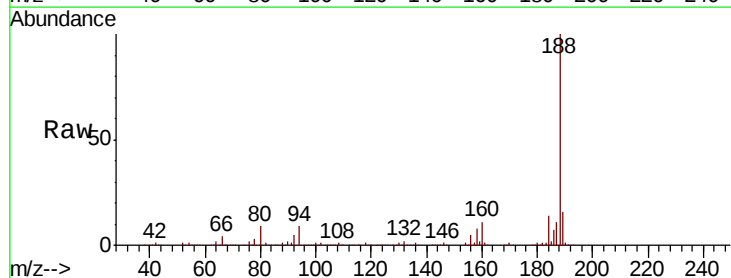


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

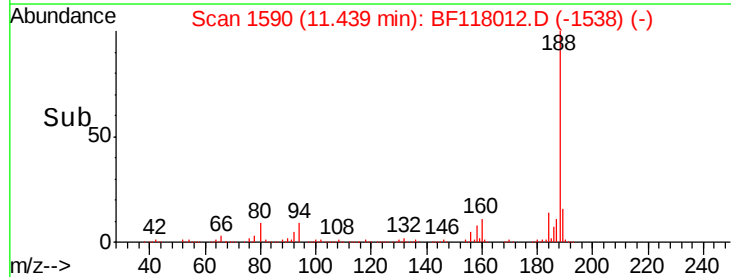
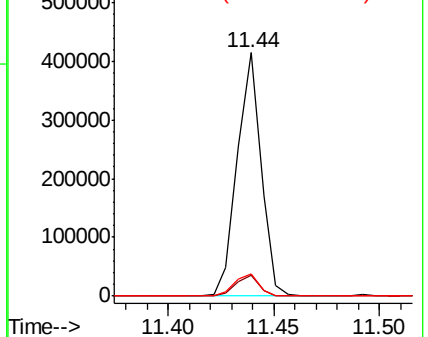


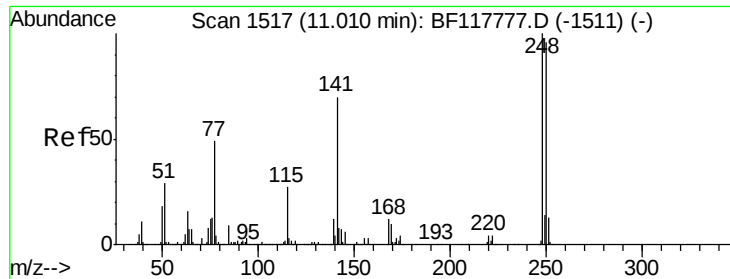
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF118012.D
 Acq: 26 Nov 2019 17:32

Tgt Ion:188	Resp:	324921
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.6 10.0
80	8.9	7.2 10.8



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

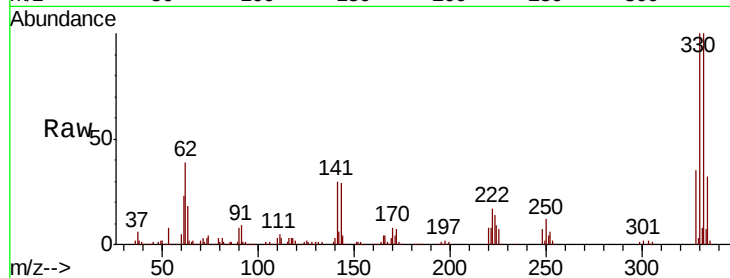




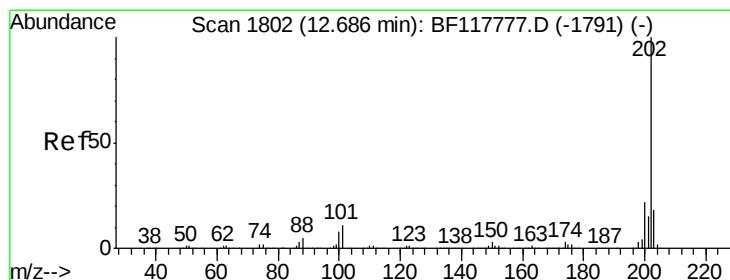
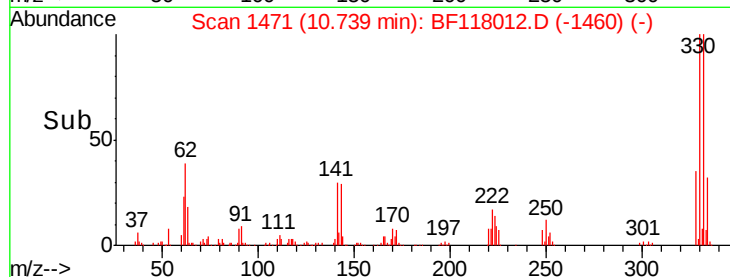
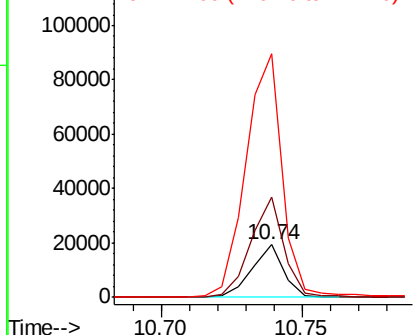
#67
4-Bromophenyl-phenylether
Concen: 4.310 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.24 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15109
Ion Ratio Lower Upper
248 100
250 190.9 76.6 115.0#
141 461.8 55.9 83.9#

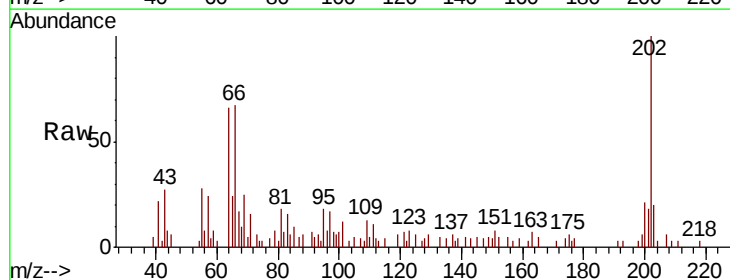


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

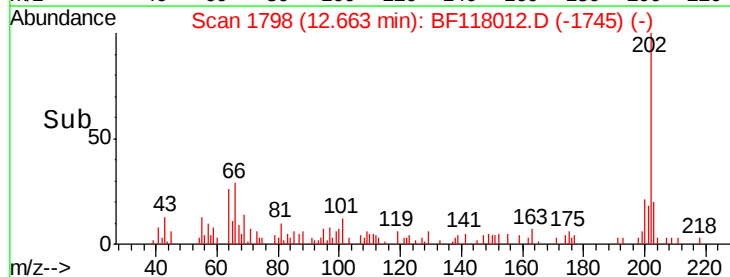
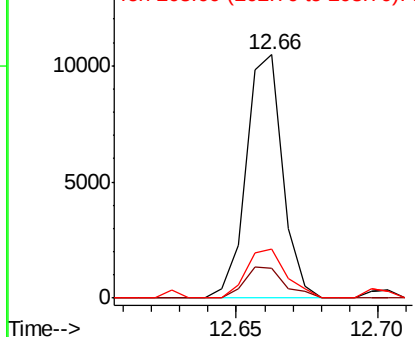


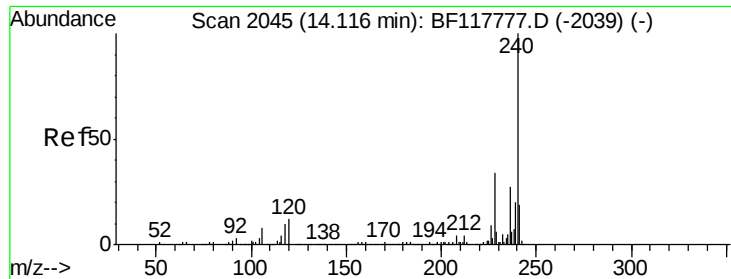
#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Tgt Ion:202 Resp: 9361
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.1
203 20.3 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

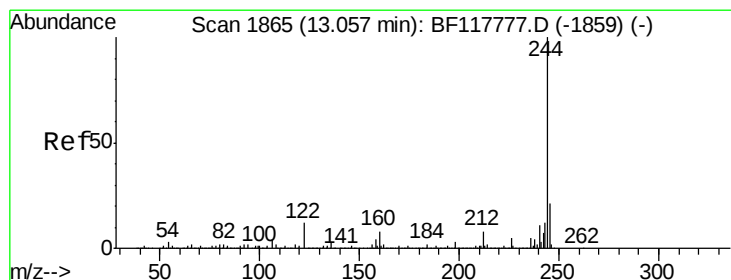
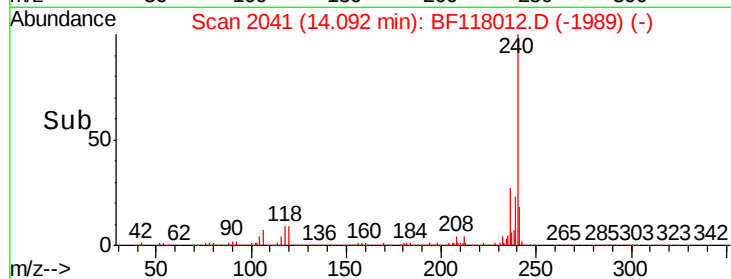
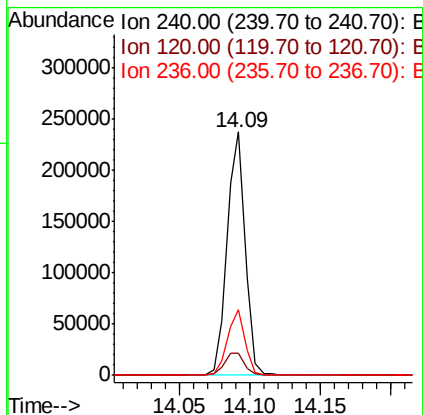
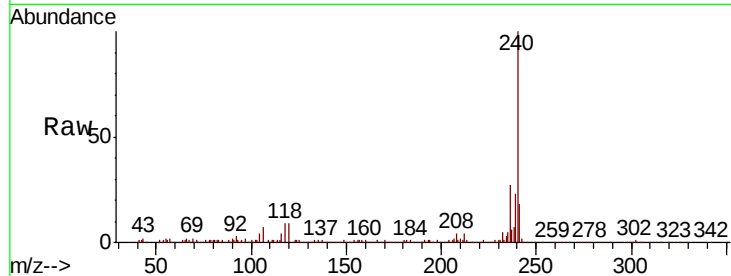




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF118012.D
 Acq: 26 Nov 2019 17:32

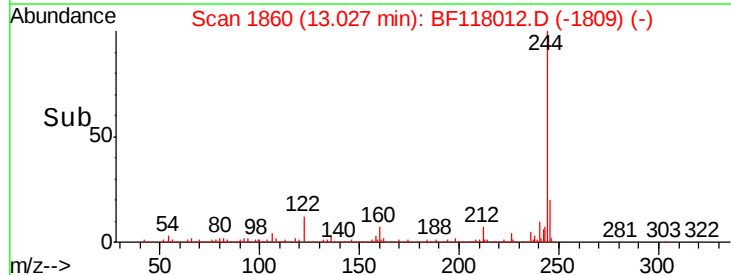
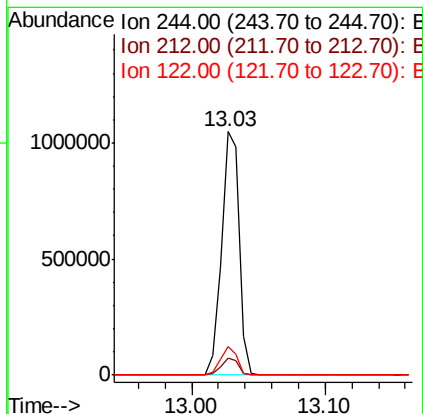
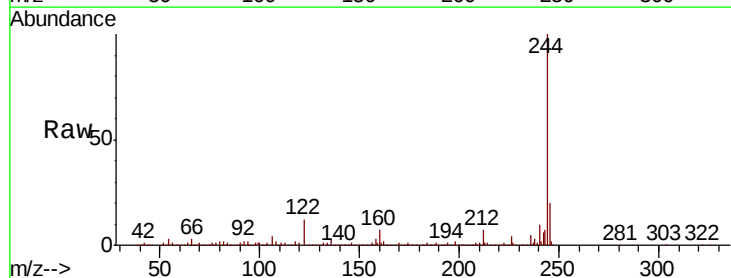
Instrument :
 BNA_F
 ClientSampleId :

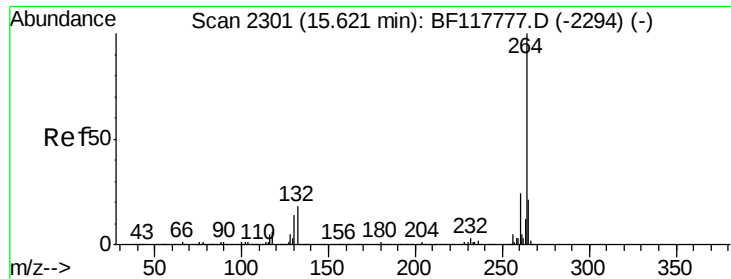
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.8	21.3	31.9



#79
 Terphenyl-d14
 Concen: 84.825 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: BF118012.D
 Acq: 26 Nov 2019 17:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	12.0	9.4	14.2

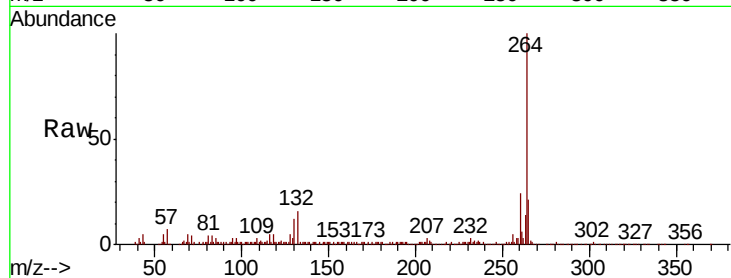




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.02 min
Lab File: BF118012.D
Acq: 26 Nov 2019 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	181398
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.2	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

