

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118336.D
 Acq On : 27 Dec 2019 14:25
 Operator : JU
 Sample : K6431-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 23:59:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

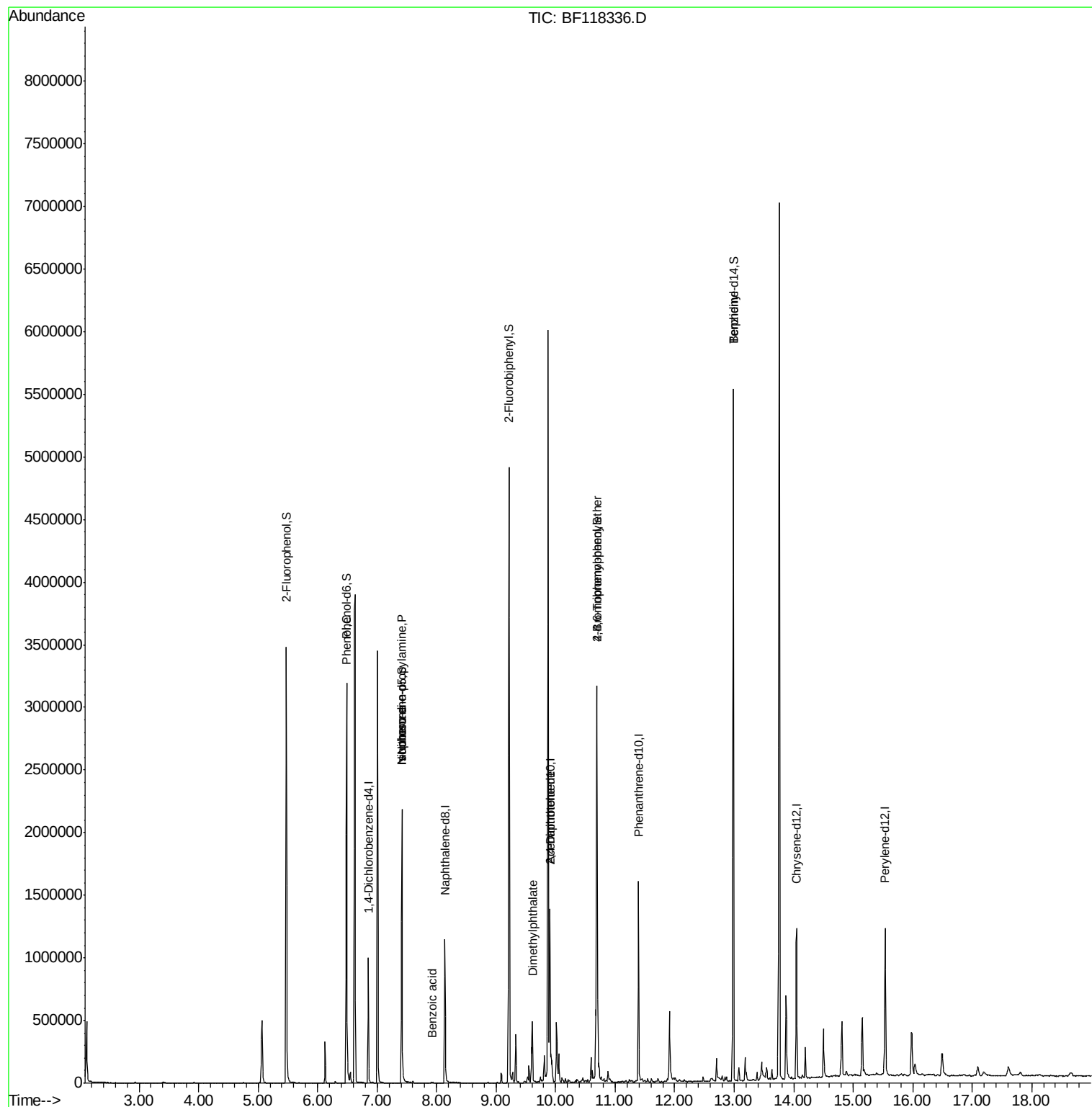
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145574	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	572267	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	307765	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	577152	20.00	ng	0.00
76) Chrysene-d12	14.05	240	390625	20.00	ng	0.00
87) Perylene-d12	15.54	264	370712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1013986	118.90	ng	0.01
7) Phenol-d6	6.49	99	1284765	121.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	775779	77.53	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	445419	117.19	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1558087	77.28	ng	0.00
79) Terphenyl-d14	12.99	244	1828905	77.68	ng	0.00
Target Compounds						
10) Phenol	6.50	94	29303	2.464	ng	90
19) n-Nitroso-di-n-propylamine	7.42	70	104428	16.023	ng	# 77
25) Isophorone	7.42	82	769902	44.152	ng	# 62
32) Benzoic acid	7.93	122	2211	5.996	ng	# 68
50) Dimethylphthalate	9.61	163	197499	8.549	ng	100
57) 2,4-Dinitrotoluene	9.90	165	39665	5.960	ng	# 30
67) 4-Bromophenyl-phenylether	10.70	248	27329	4.046	ng	# 1
77) Benzidine	12.99	184	24316	2.272	ng	# 93

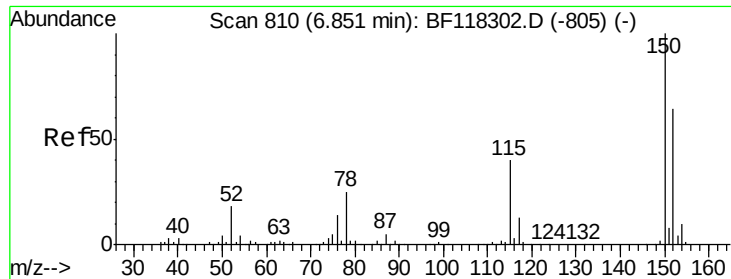
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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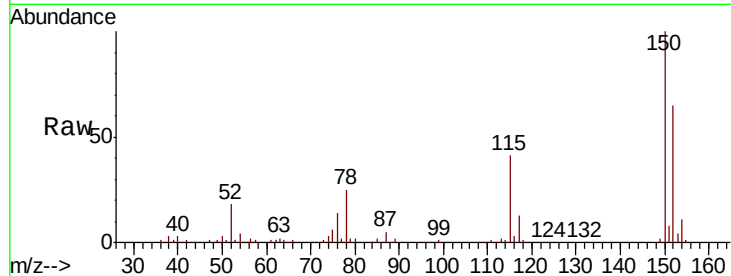


#1

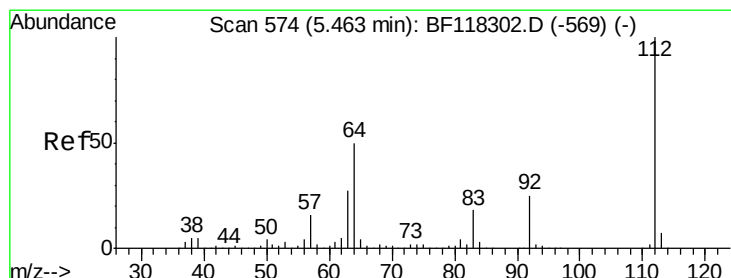
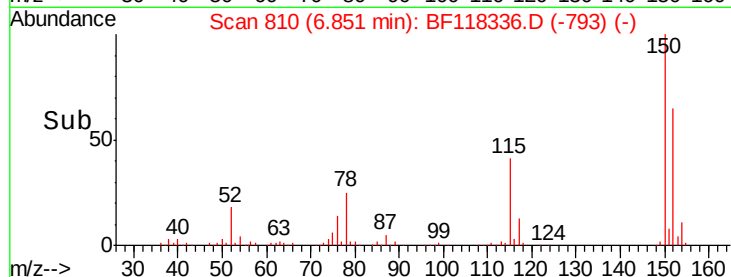
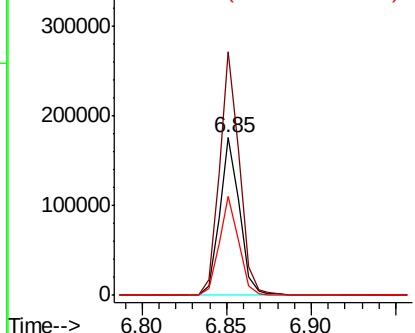
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145574
Ion Ratio Lower Upper
152 100
150 154.7 125.4 188.2
115 62.9 50.2 75.4



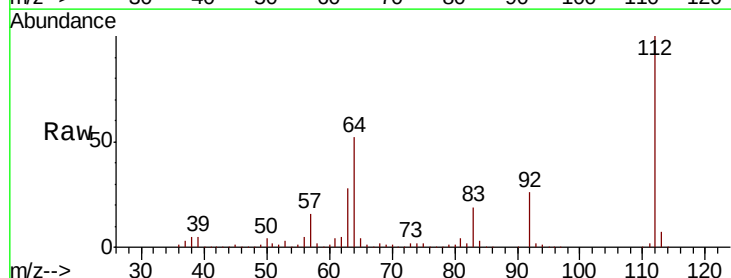
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



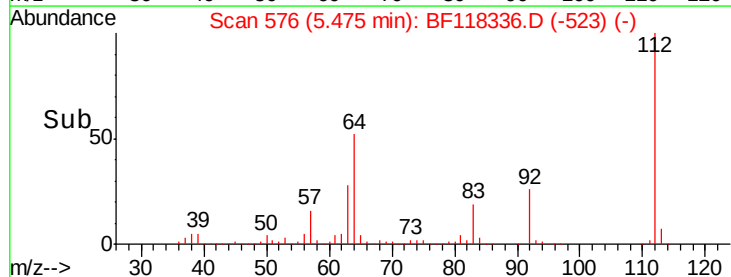
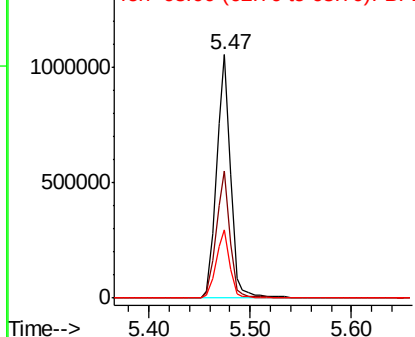
#5

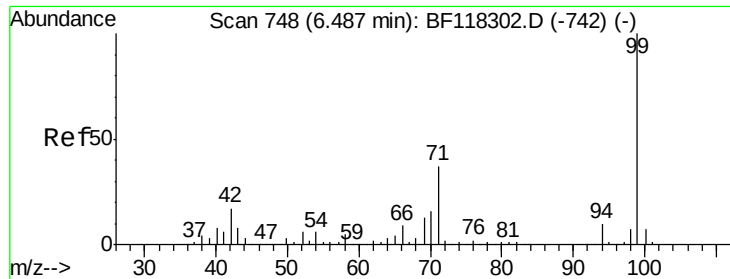
2-Fluorophenol
Concen: 118.899 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion:112 Resp: 1013986
Ion Ratio Lower Upper
112 100
64 52.3 39.7 59.5
63 27.8 21.7 32.5



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: 121.441 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Instrument :

BNA_F

ClientSampleId :

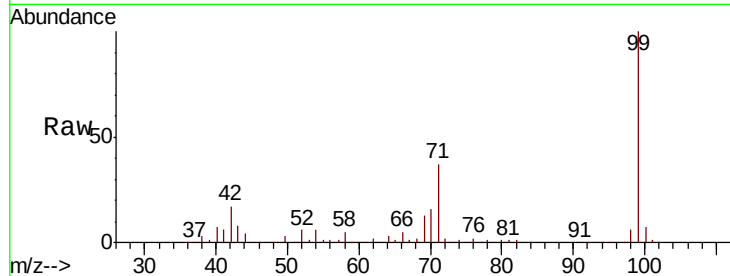
Tot Ion: 99 Resp: 1284765

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	37.4	29.4	44.2

99 100

42 17.2 13.5 20.3

71 37.4 29.4 44.2

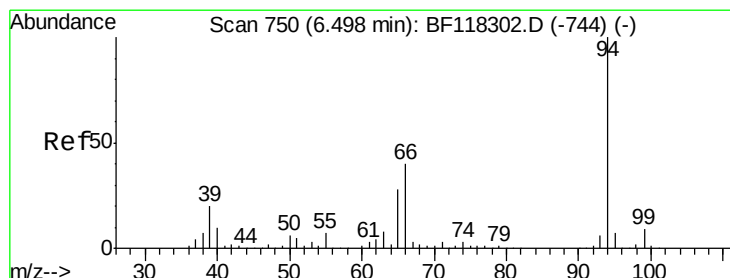
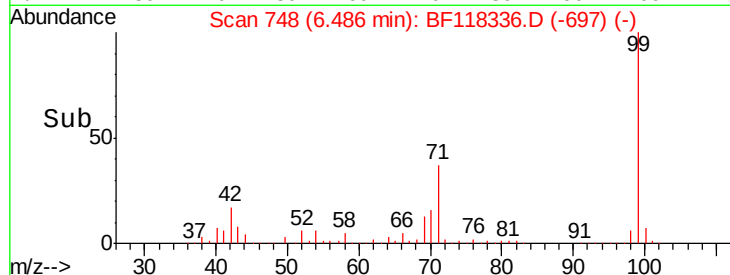
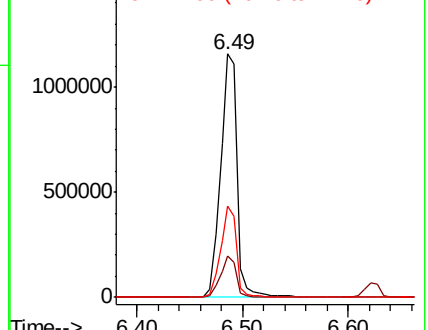


Abundance

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: 2.464 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

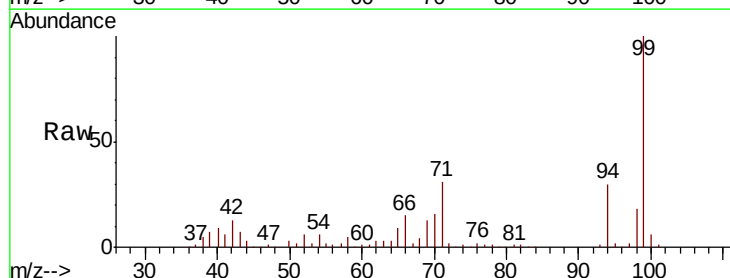
Tgt Ion: 94 Resp: 29303

Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.8	47.8
66	49.1	20.4	60.4

94 100

65 30.0 7.8 47.8

66 49.1 20.4 60.4

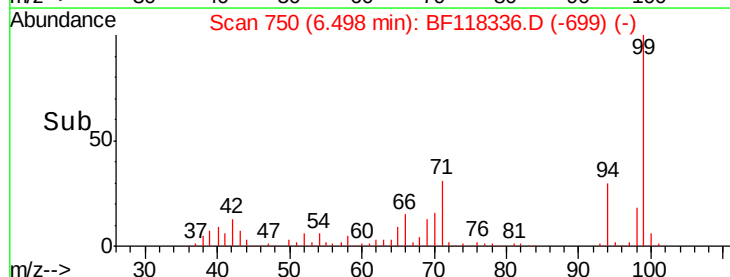
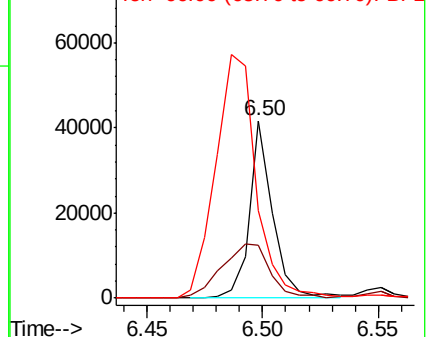


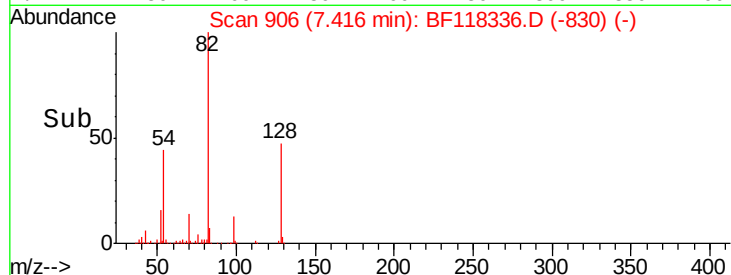
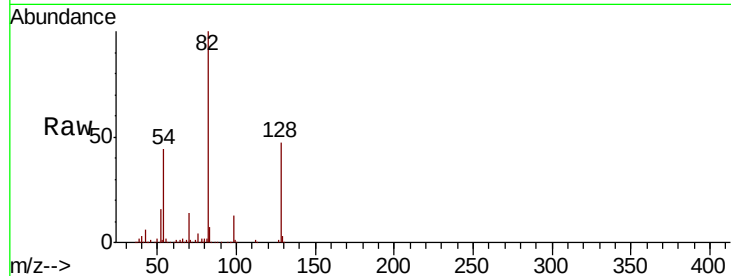
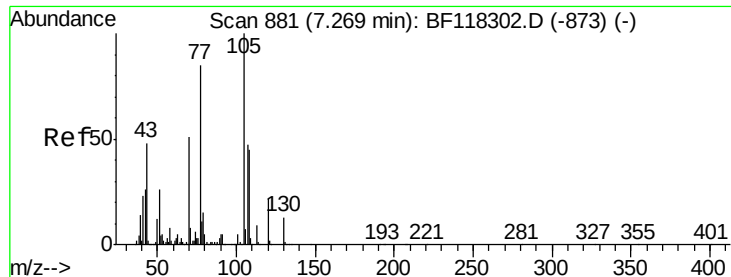
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

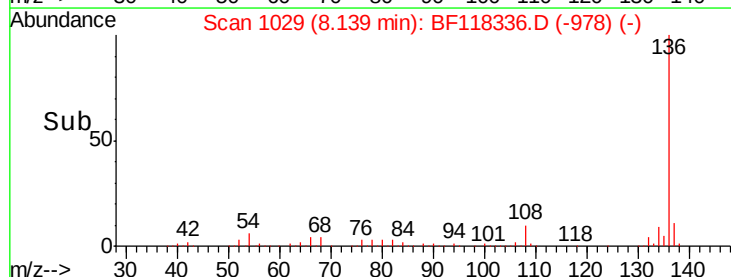
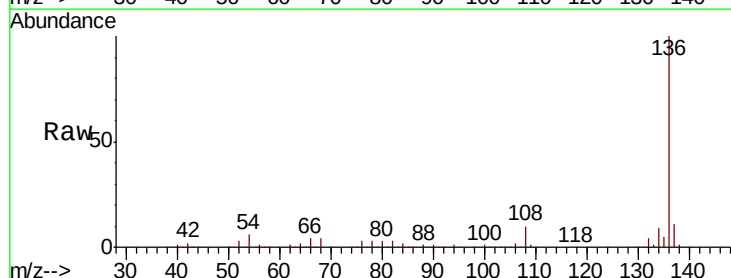
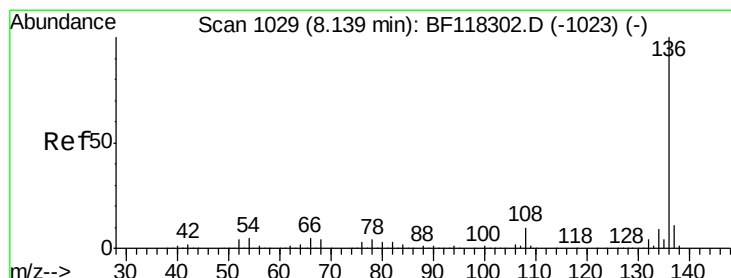
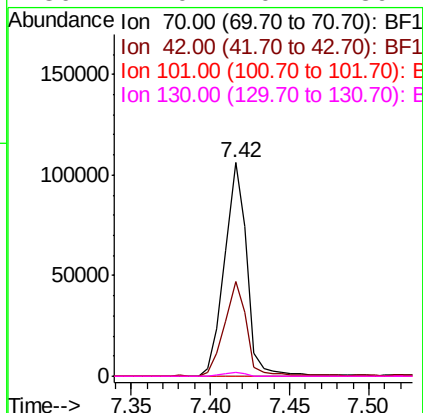




#19
n-Nitroso-di-n-propylamine
Concen: 16.023 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

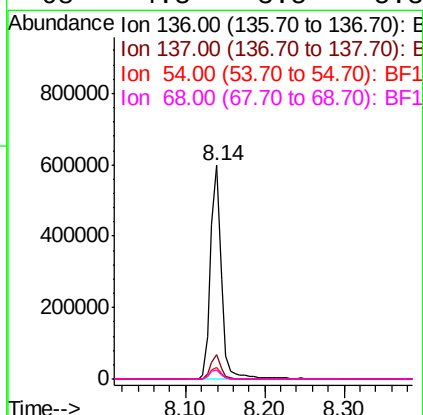
Instrument :
BNA_F
ClientSampleId :

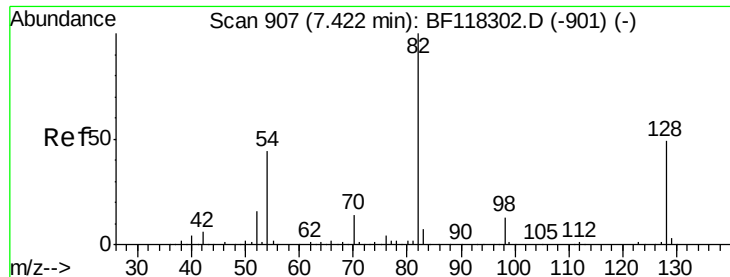
Tot Ion: 70 Resp: 104428
Ion Ratio Lower Upper
70 100
42 44.2 41.1 61.7
101 0.0 8.3 12.5#
130 2.0 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion: 136 Resp: 572267
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.6 4.2 6.4
68 4.3 3.5 5.3

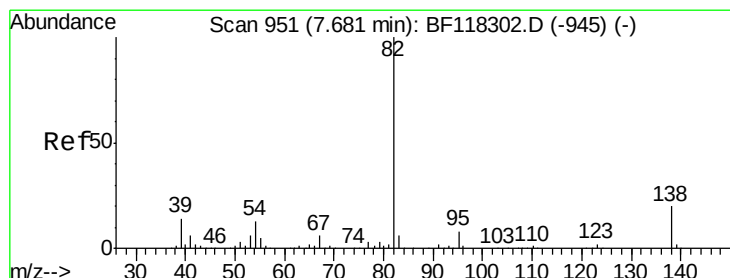
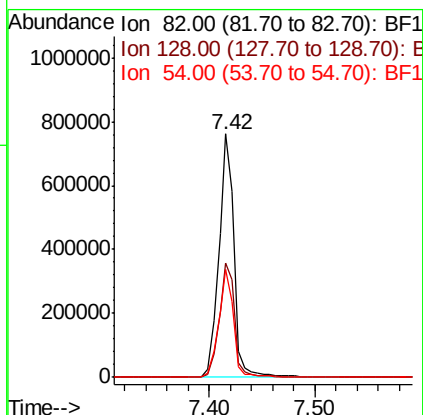
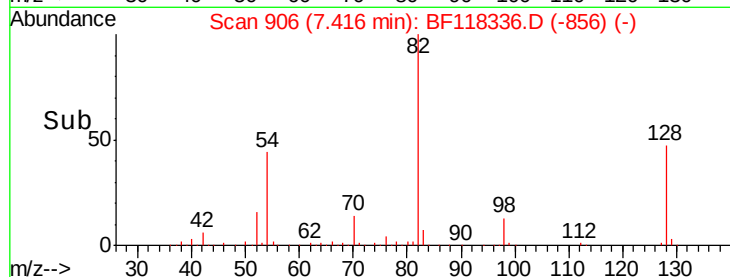
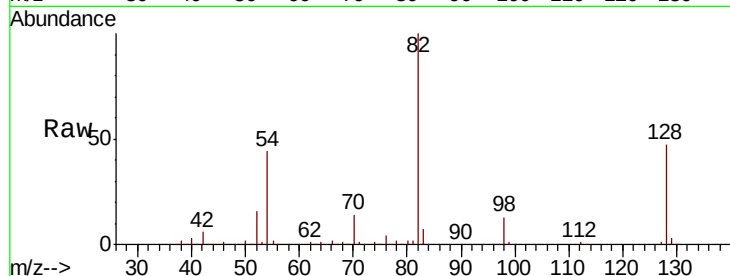




#23
Nitrobenzene-d5
Concen: 77.535 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

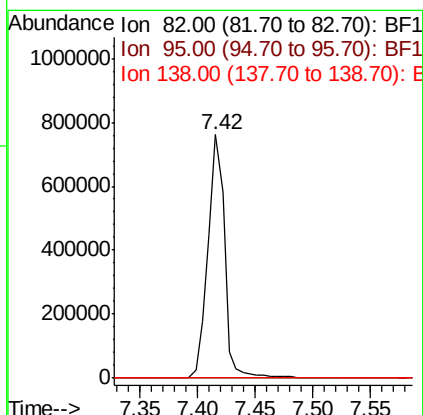
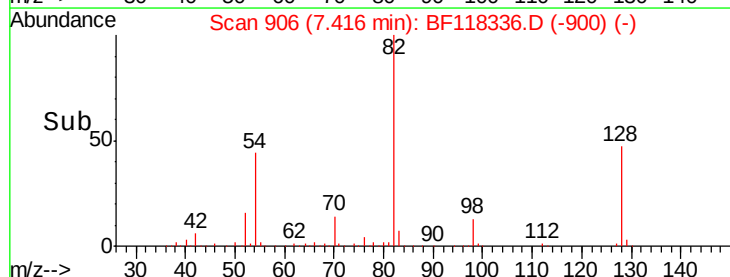
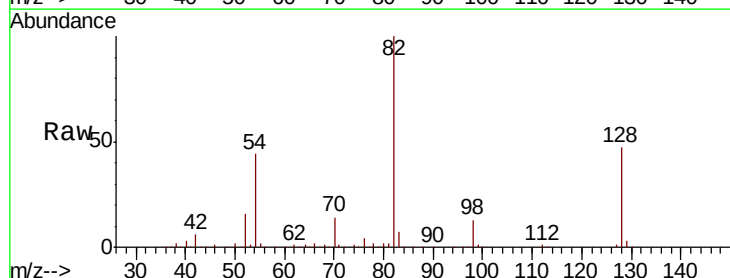
Instrument :
BNA_F
ClientSampleId :

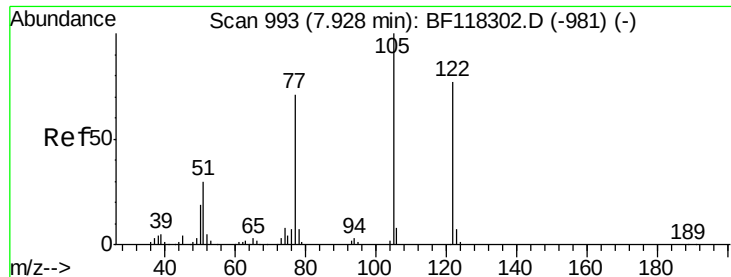
Tot Ion: 82 Resp: 775779
Ion Ratio Lower Upper
82 100
128 47.0 39.6 59.4
54 44.3 34.9 52.3



#25
Isophorone
Concen: 44.152 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion: 82 Resp: 769902
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.2 24.2#

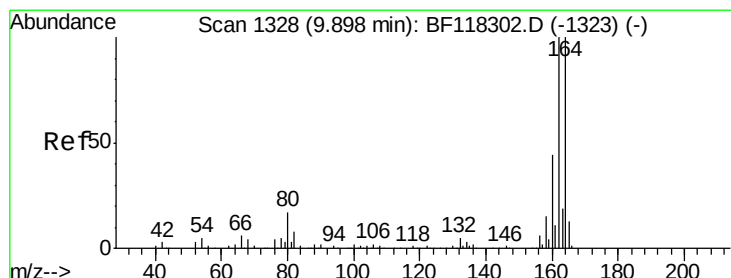
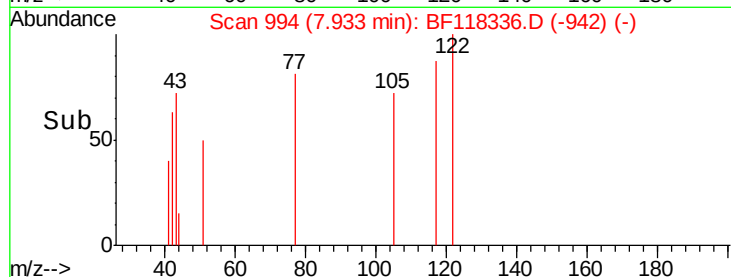
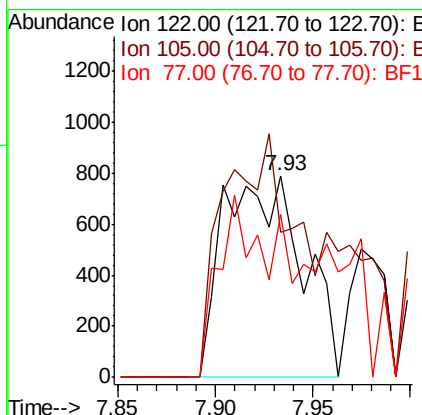
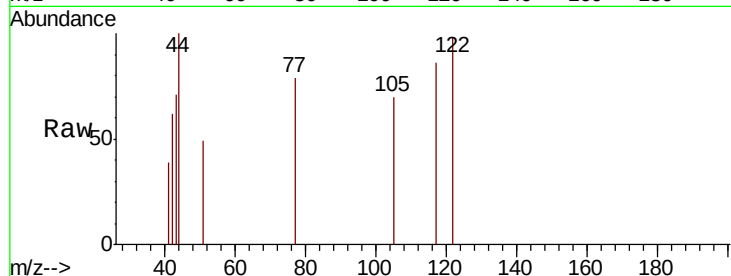




#32
Benzoic acid
Concen: 5.996 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

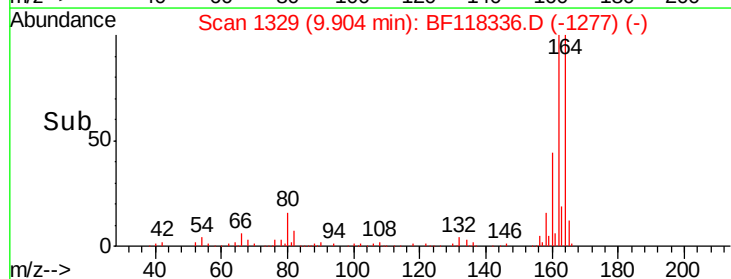
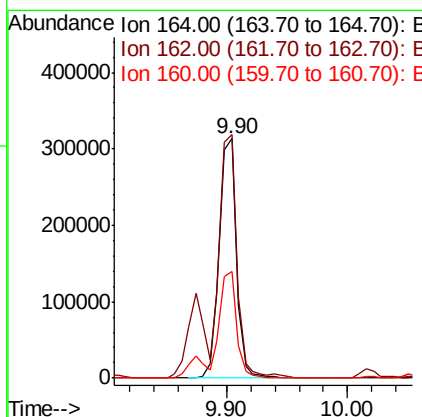
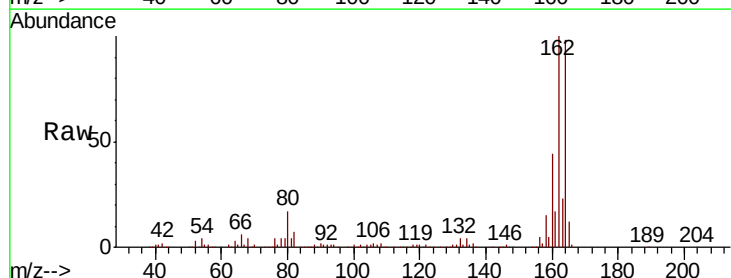
Instrument :
BNA_F
ClientSampled :

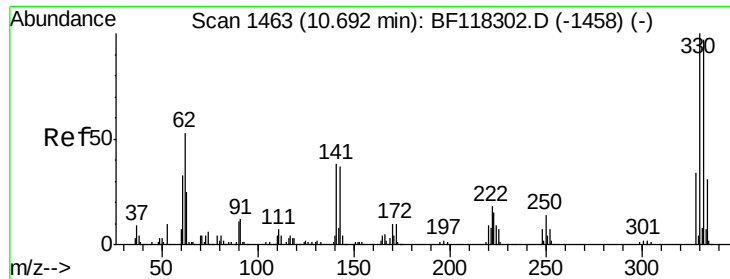
Tot Ion:122 Resp: 2211
Ion Ratio Lower Upper
122 100
105 71.6 106.8 146.8#
77 80.5 70.4 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion:164 Resp: 307765
Ion Ratio Lower Upper
164 100
162 101.7 80.0 120.0
160 44.8 34.8 52.2

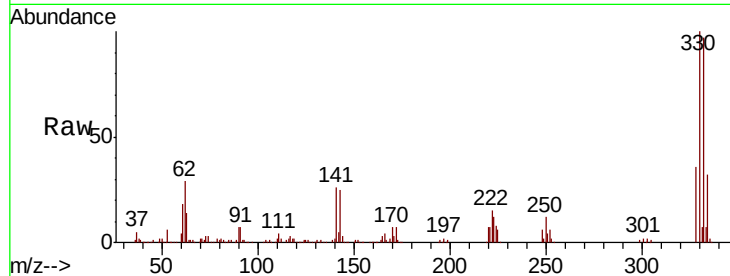




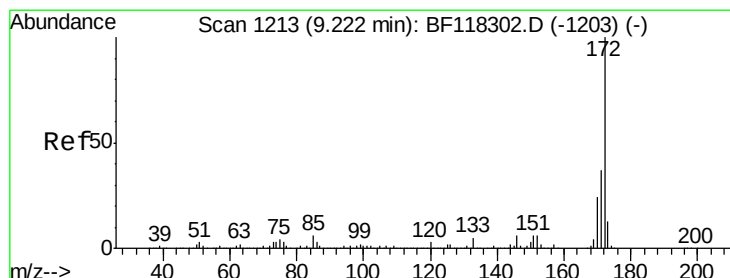
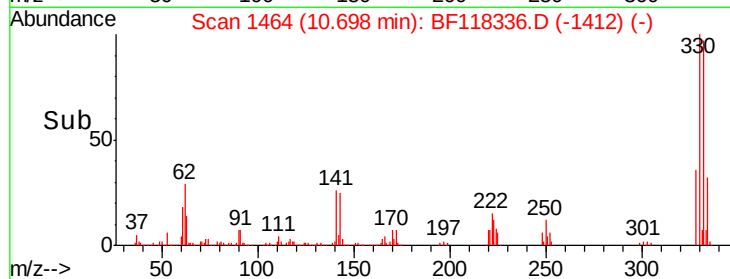
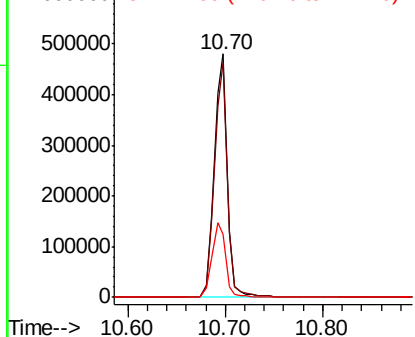
#42
 2,4,6-Tribromophenol
 Concen: 117.195 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118336.D
 Acq: 27 Dec 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 445419
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 32.1 26.0 39.0

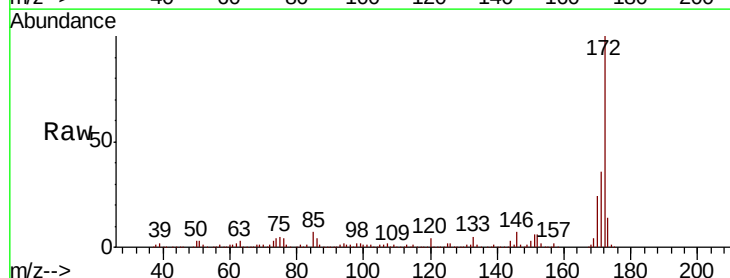


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

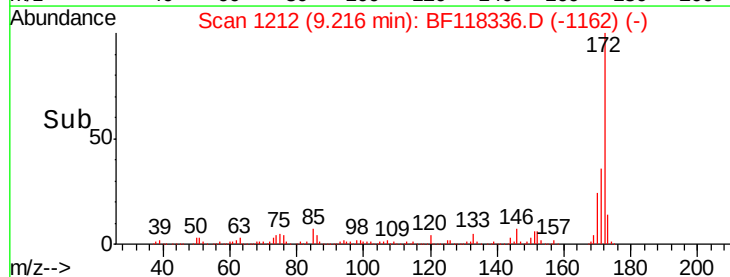
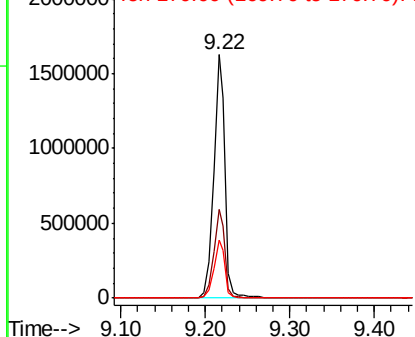


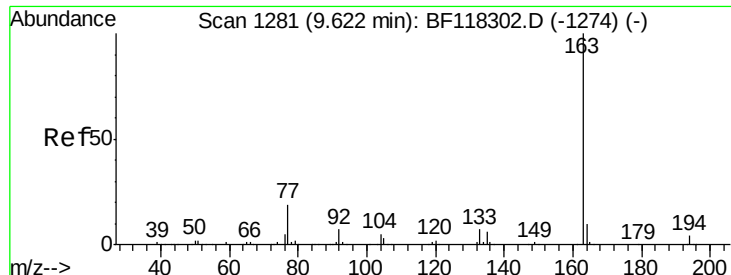
#45
 2-Fluorobiphenyl
 Concen: 77.279 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118336.D
 Acq: 27 Dec 2019 14:25

Tgt Ion:172 Resp: 1558087
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 23.9 19.2 28.8



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

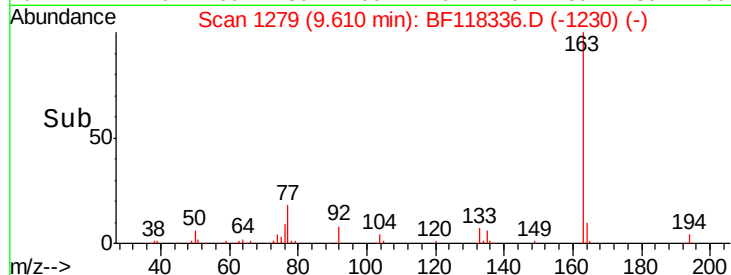
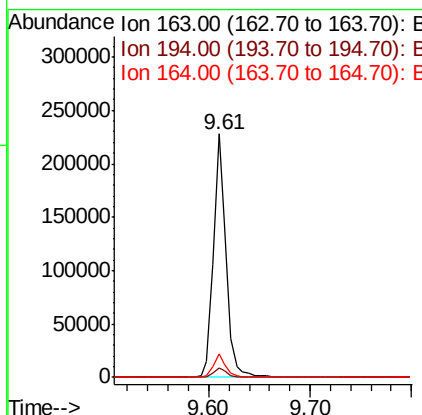
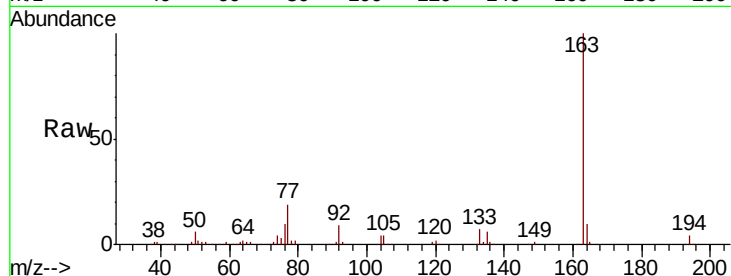




#50
Dimethylphthalate
Concen: 8.549 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

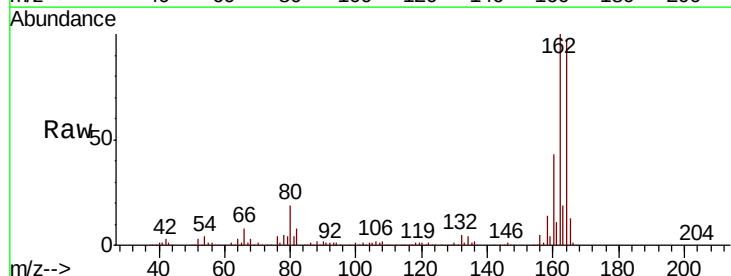
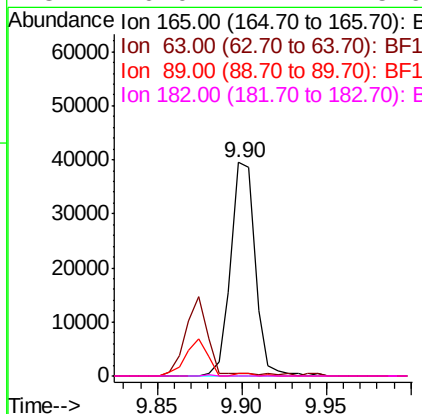
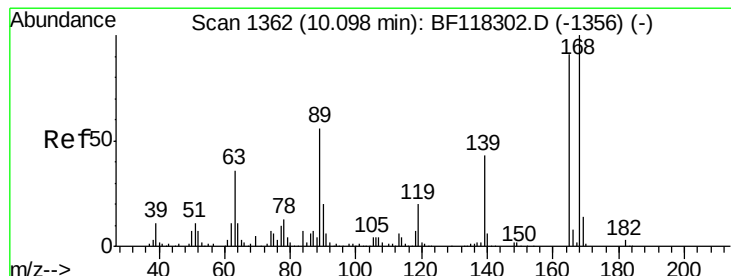
Instrument :
BNA_F
ClientSampleId :

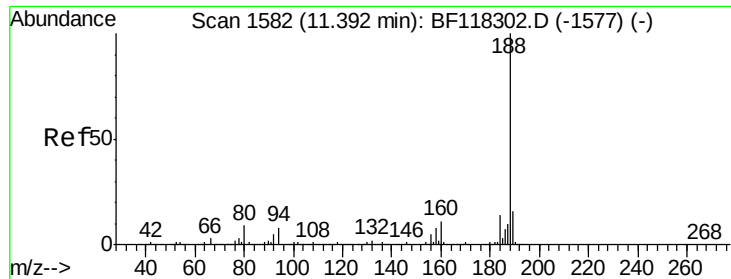
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.8	7.9	11.9



#57
2,4-Dinitrotoluene
Concen: 5.960 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.0	48.0#
89	1.5	49.3	73.9#
182	0.0	2.4	3.6#

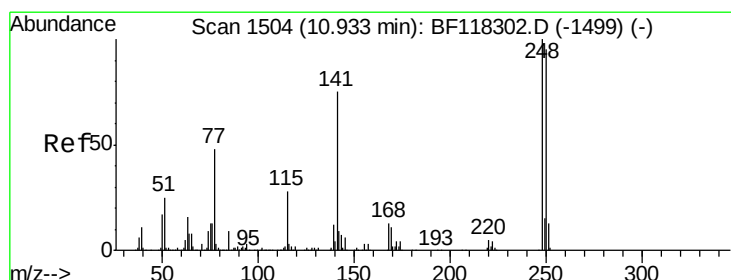
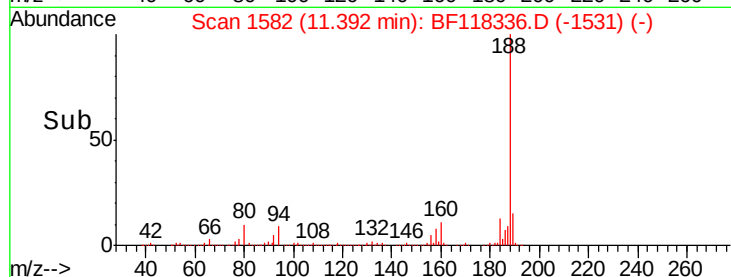
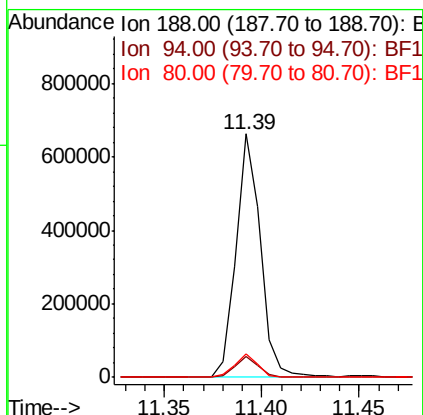
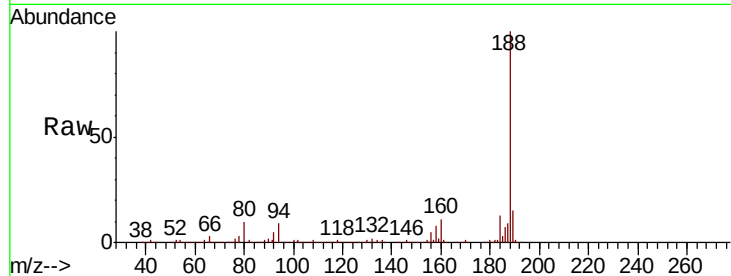




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

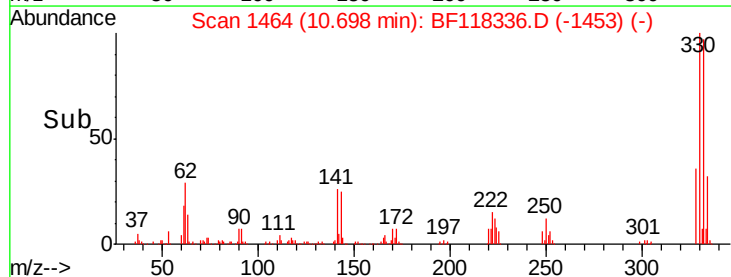
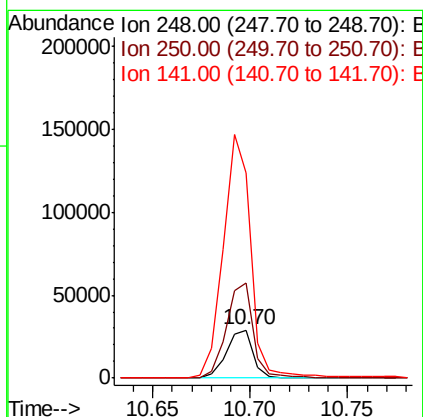
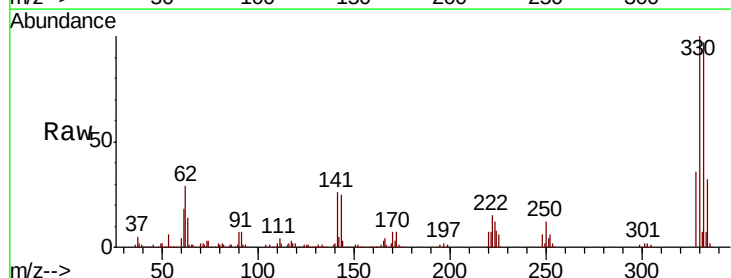
Instrument :
BNA_F
ClientSampleId :

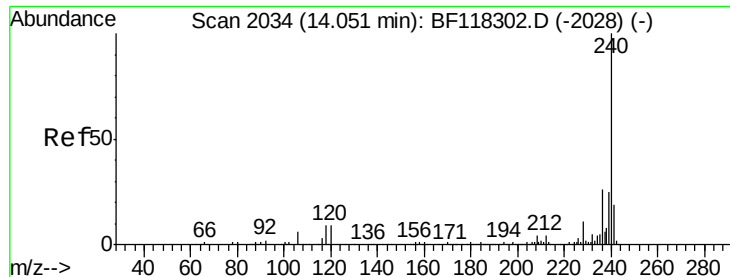
Tot Ion:188 Resp: 577152
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.6 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.046 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion:248 Resp: 27329
Ion Ratio Lower Upper
248 100
250 199.8 76.4 114.6#
141 428.3 60.2 90.2#

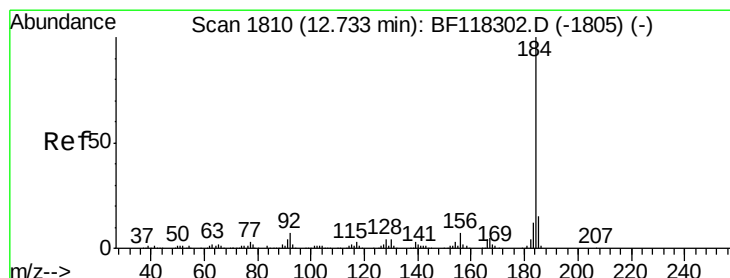
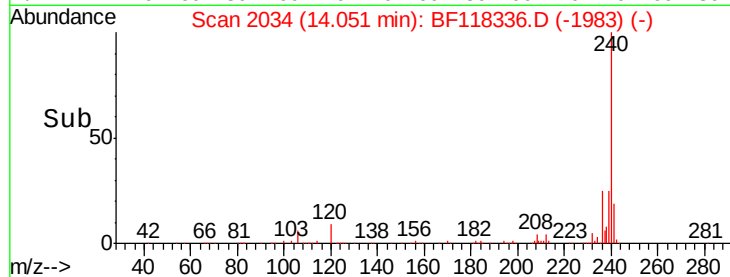
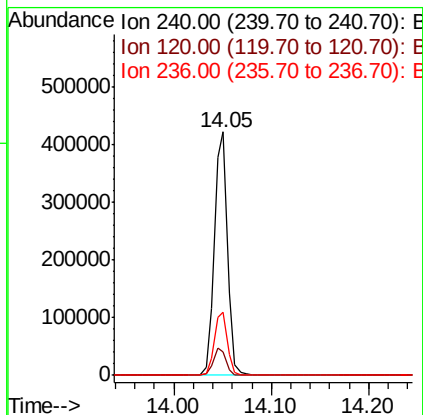
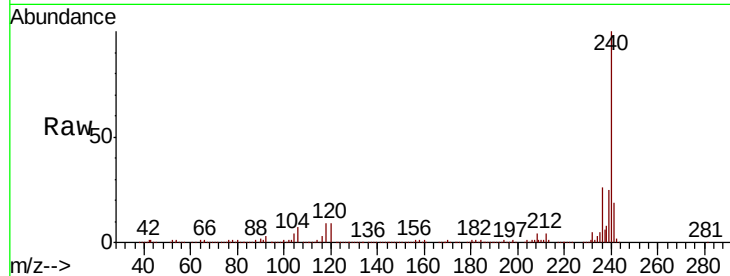




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

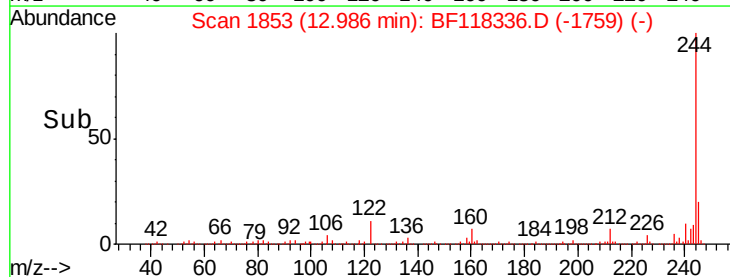
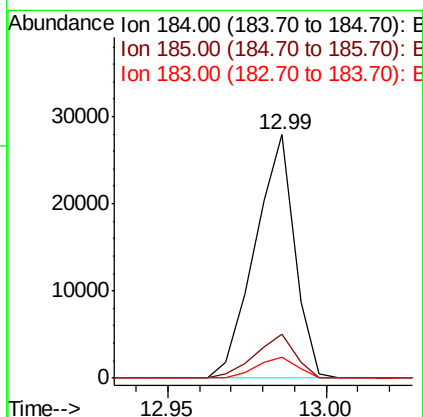
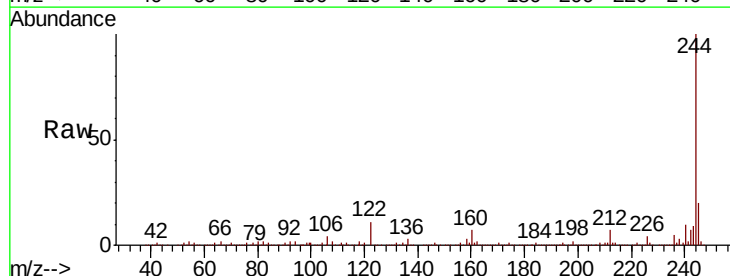
Instrument :
BNA_F
ClientSampleId :

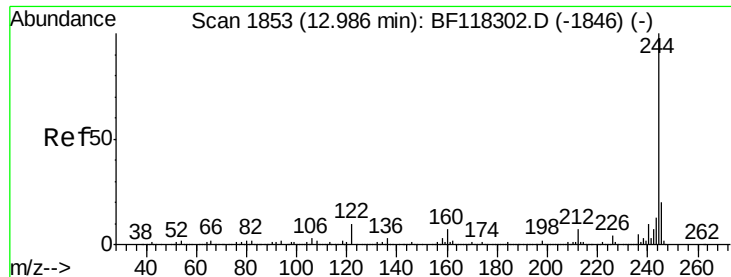
Tot Ion:240 Resp: 390625
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 26.2 21.0 31.6



#77
Benzidine
Concen: 2.272 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.25 min
Lab File: BF118336.D
Acq: 27 Dec 2019 14:25

Tgt Ion:184 Resp: 24316
Ion Ratio Lower Upper
184 100
185 18.3 12.3 18.5
183 8.7 9.4 14.2#





#79

Terphenyl-d14

Concen: 77.676 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

Instrument :

BNA_F

ClientSampled :

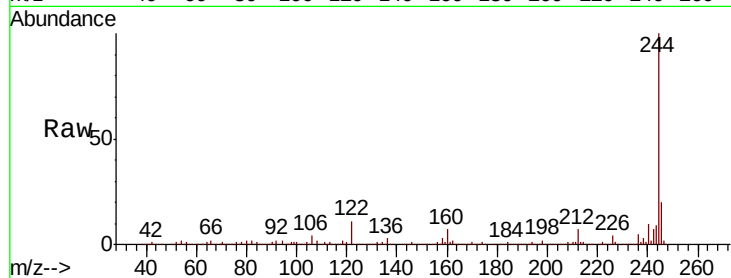
Tot Ion:244 Resp: 1828905

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

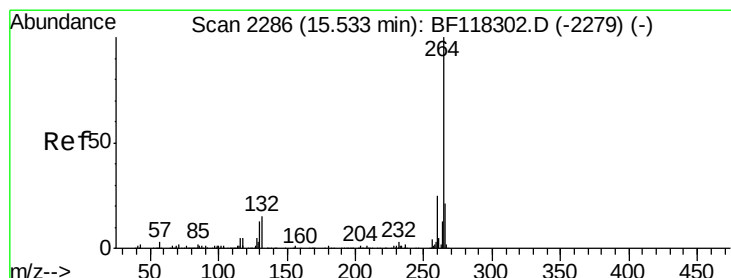
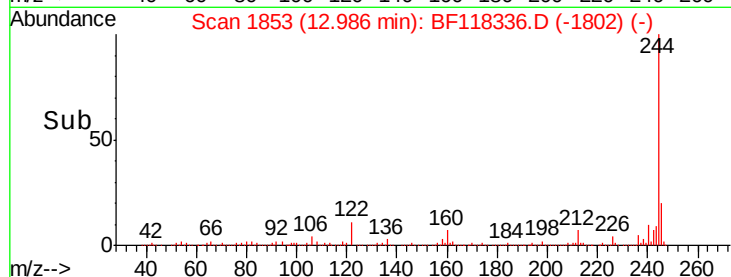
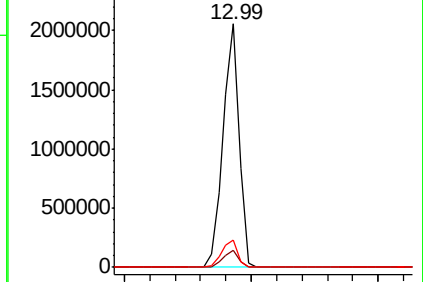
122 11.4 7.8 11.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118336.D

Acq: 27 Dec 2019 14:25

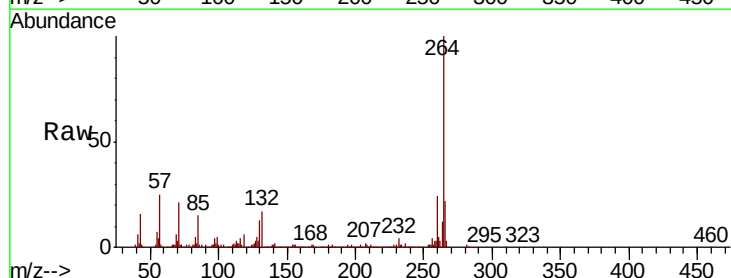
Tgt Ion:264 Resp: 370712

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.9 17.0 25.4



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

