

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118326.D
 Acq On : 26 Dec 2019 19:47
 Operator : JU
 Sample : K6437-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 27 03:26:01 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

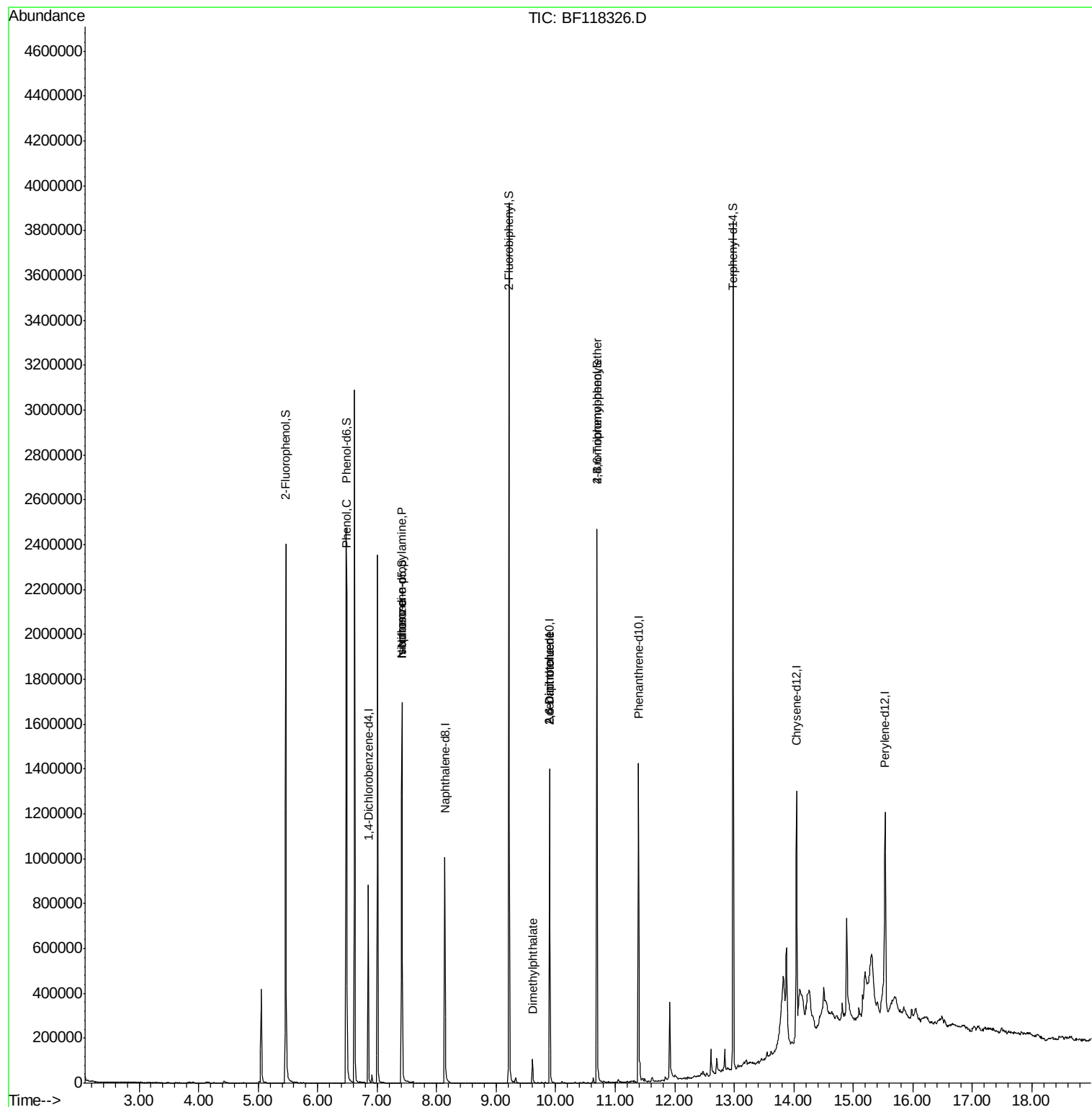
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128752	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	511757	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	272158	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	493304	20.00	ng	0.00
76) Chrysene-d12	14.04	240	328408	20.00	ng	0.00
87) Perylene-d12	15.53	264	337616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	703227	93.23	ng	0.00
7) Phenol-d6	6.48	99	921303	98.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	533938	59.67	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	303129	90.19	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1107849	62.14	ng	0.00
79) Terphenyl-d14	12.98	244	1190575	60.14	ng	0.00
Target Compounds						
10) Phenol	6.49	94	26073	2.479	ng	83
19) n-Nitroso-di-n-propylamine	7.42	70	72663	12.606	ng	# 75
25) Isophorone	7.42	82	531518	34.085	ng	# 62
50) Dimethylphthalate	9.61	163	45526	2.228	ng	99
51) 2,6-Dinitrotoluene	9.90	165	34096	7.741	ng	# 26
57) 2,4-Dinitrotoluene	9.90	165	34096	5.794	ng	# 29
67) 4-Bromophenyl-phenylether	10.69	248	18782	3.253	ng	# 1

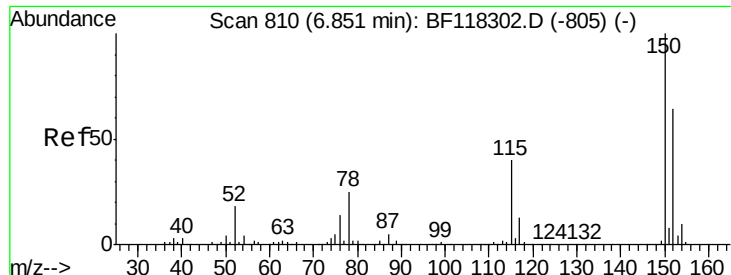
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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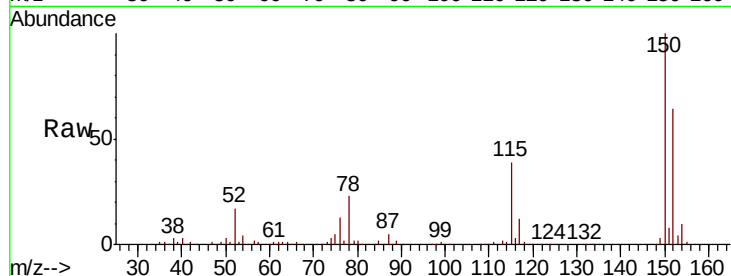


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.4	188.2
115	60.5	50.2	75.4

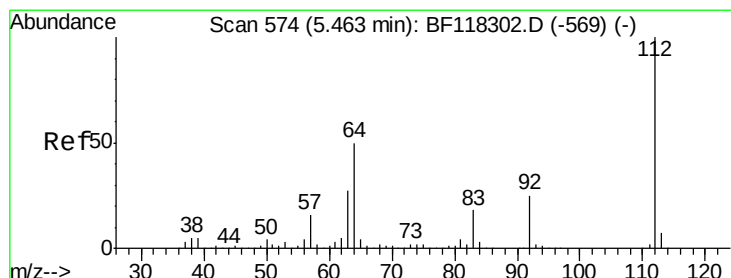
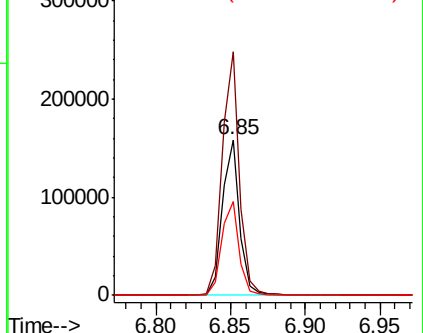
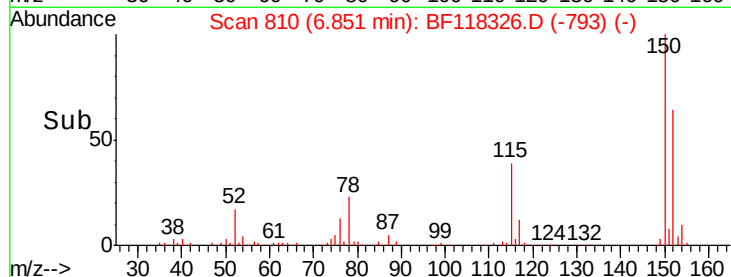


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

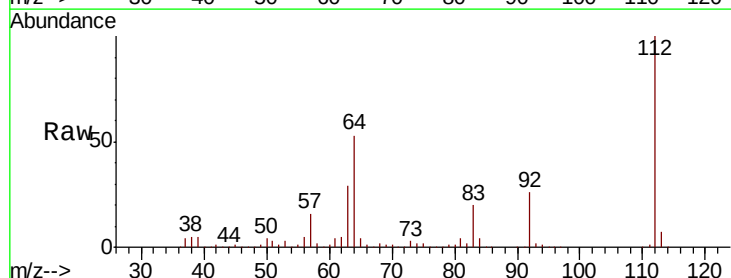
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.234 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	39.7	59.5
63	29.0	21.7	32.5

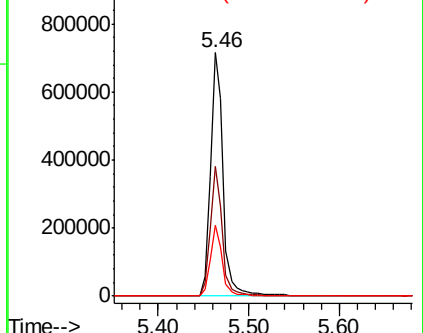
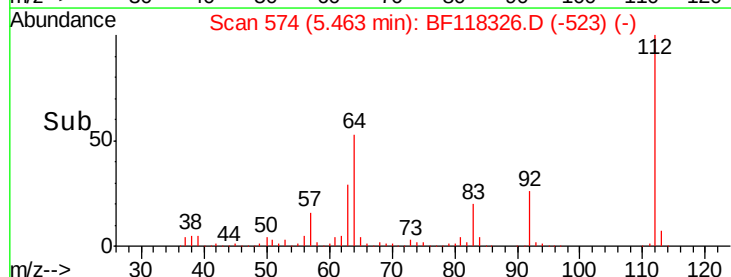


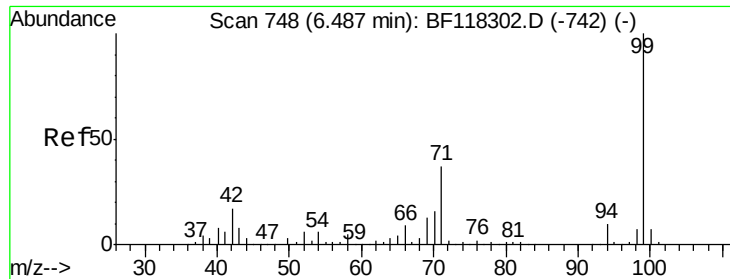
Abundance

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: 98.463 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118326.D

Acq: 26 Dec 2019 19:47

Instrument :

BNA_F

ClientSampled :

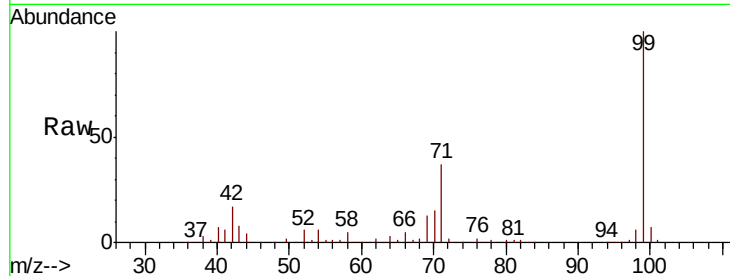
Tot Ion: 99 Resp: 921303

Ion Ratio Lower Upper

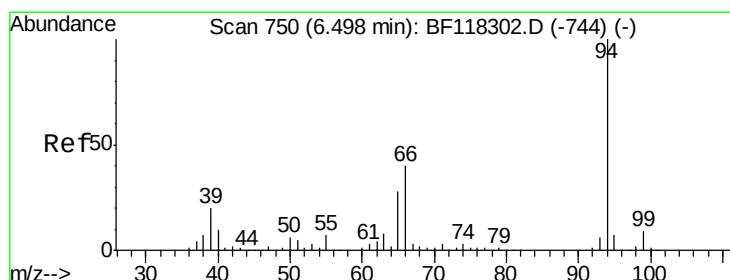
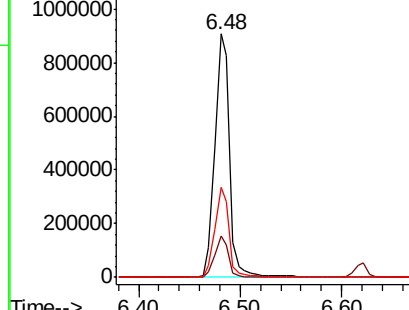
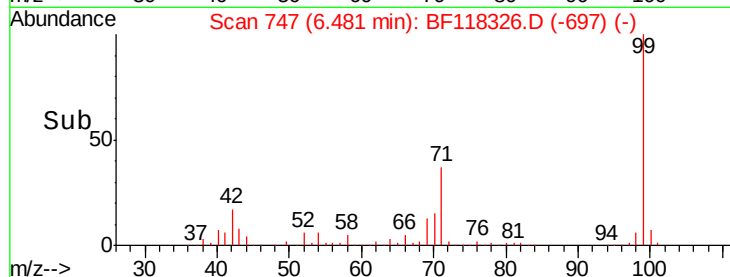
99 100

42 16.9 13.5 20.3

71 36.9 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: 2.479 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118326.D

Acq: 26 Dec 2019 19:47

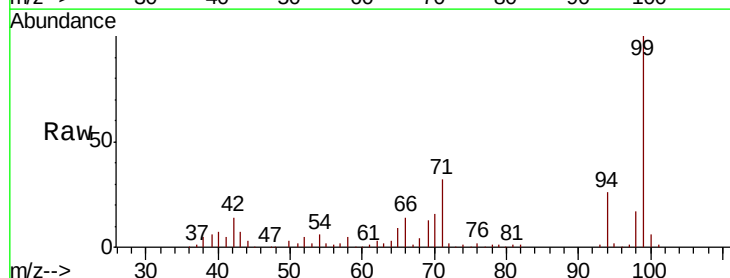
Tgt Ion: 94 Resp: 26073

Ion Ratio Lower Upper

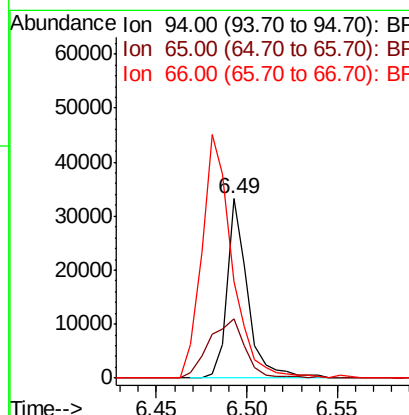
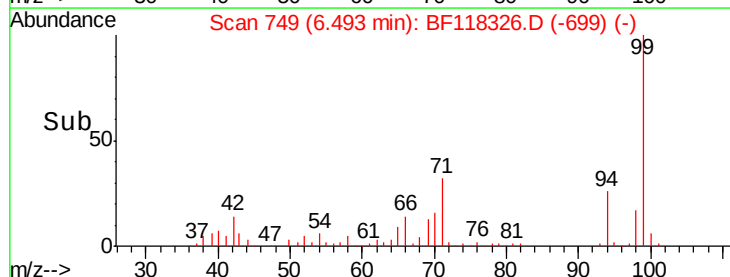
94 100

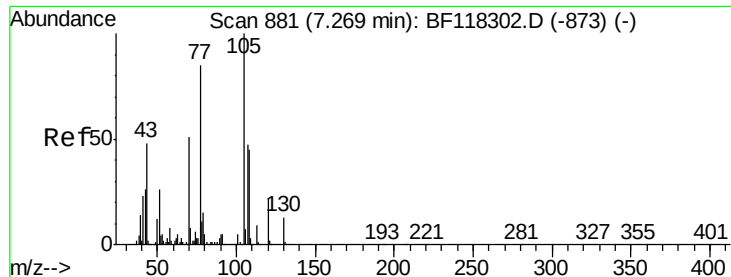
65 33.1 7.8 47.8

66 53.6 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

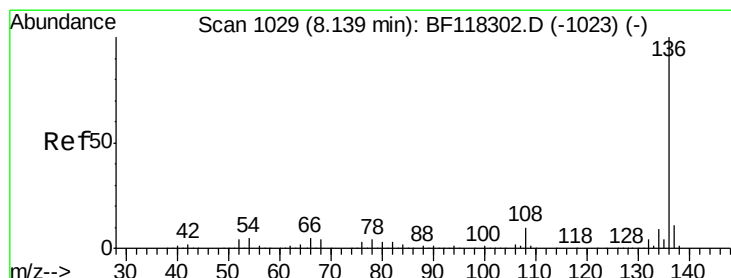
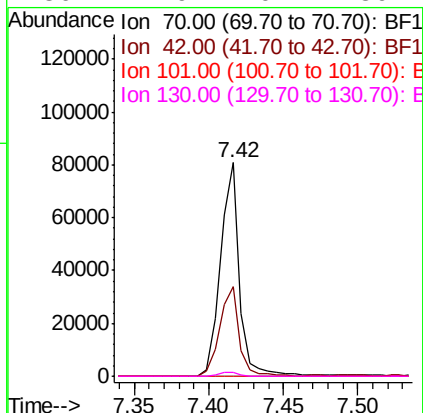
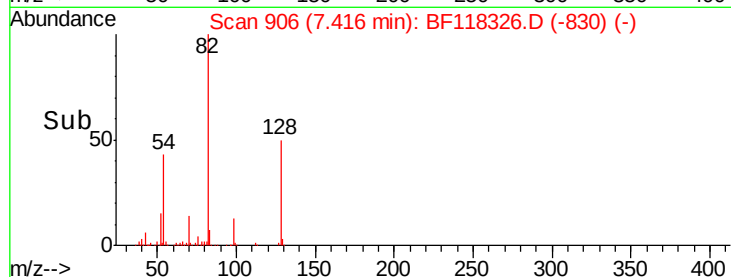
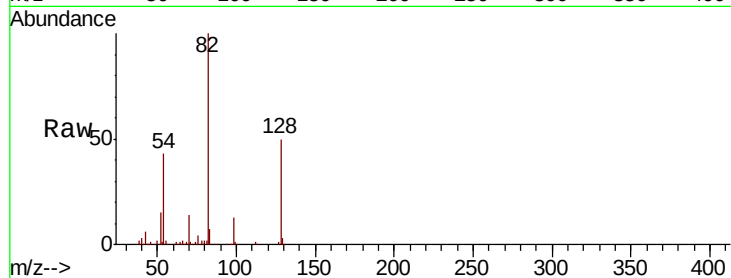




#19
n-Nitroso-di-n-propylamine
Concen: 12.606 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

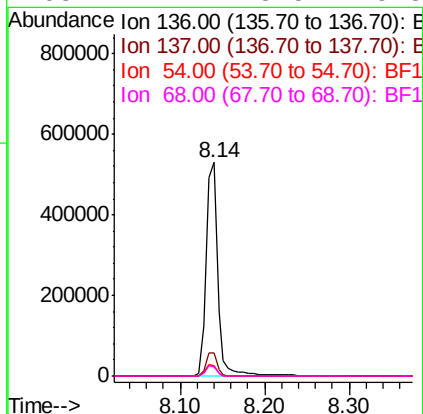
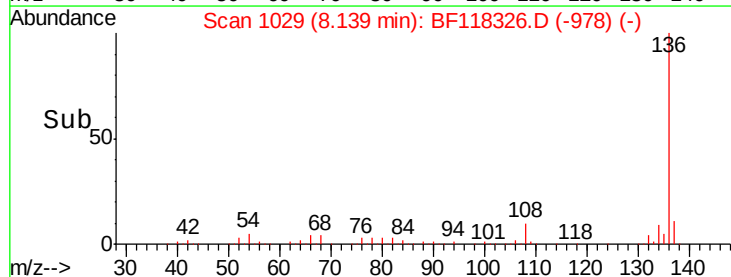
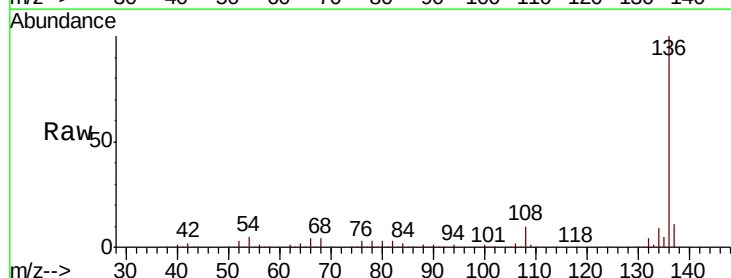
Instrument :
BNA_F
ClientSampleId :

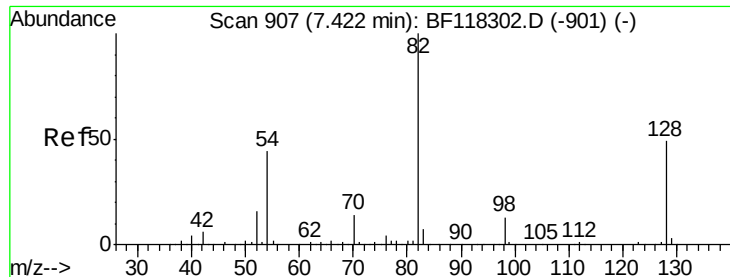
Tot Ion: 70 Resp: 72663
Ion Ratio Lower Upper
70 100
42 41.7 41.1 61.7
101 0.0 8.3 12.5#
130 1.9 20.1 30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion:136 Resp: 511757
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 4.8 4.2 6.4
68 4.1 3.5 5.3

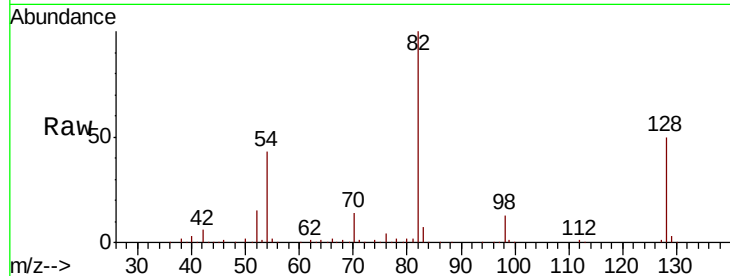




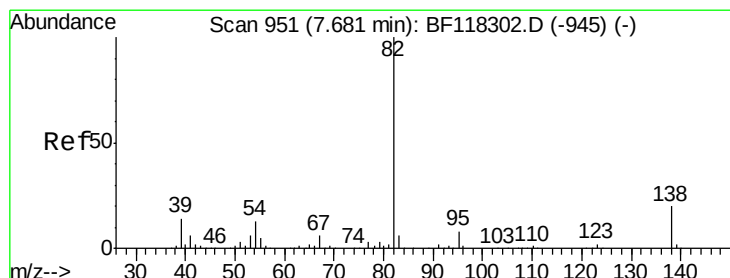
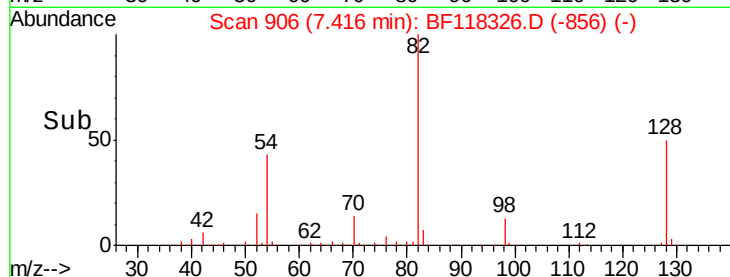
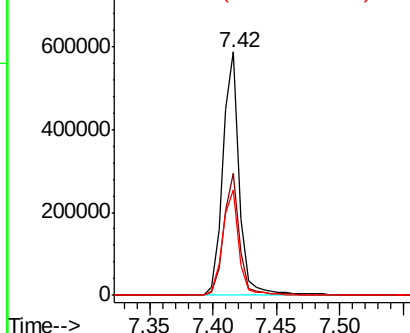
#23
 Nitrobenzene-d5
 Concen: 59.674 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	533938
Ion Ratio	Lower	Upper	
82	100		
128	50.3	39.6	59.4
54	43.2	34.9	52.3

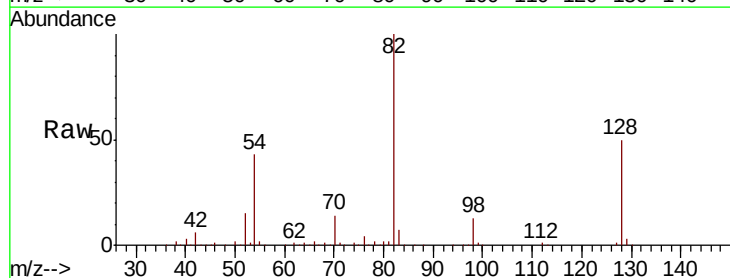


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

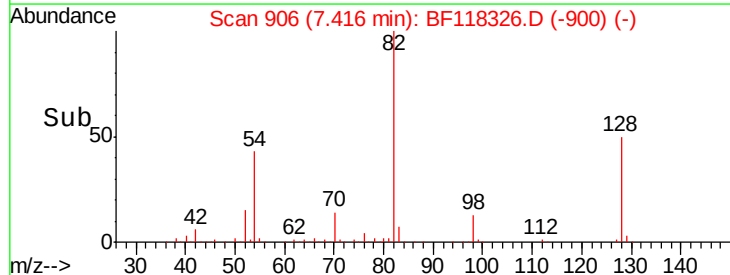
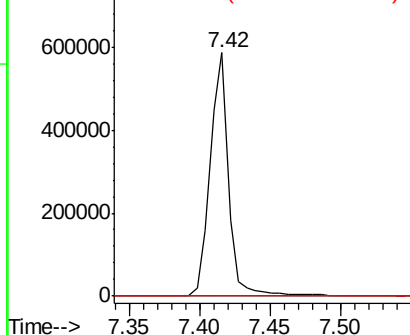


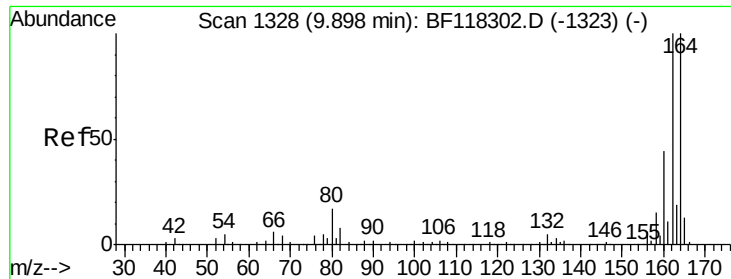
#25
 Isophorone
 Concen: 34.085 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Tgt Ion	82	Resp	531518
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



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

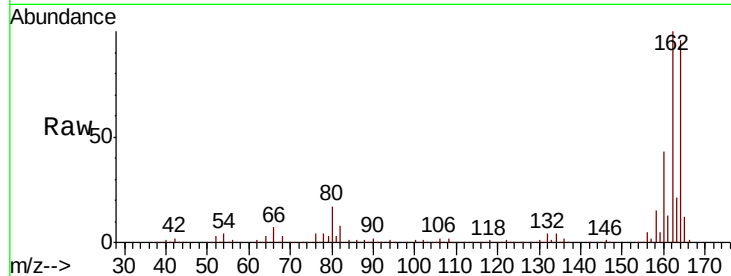




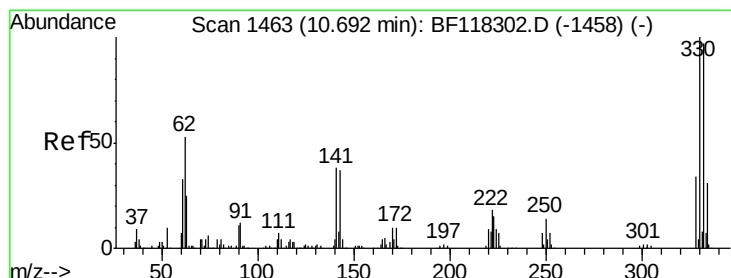
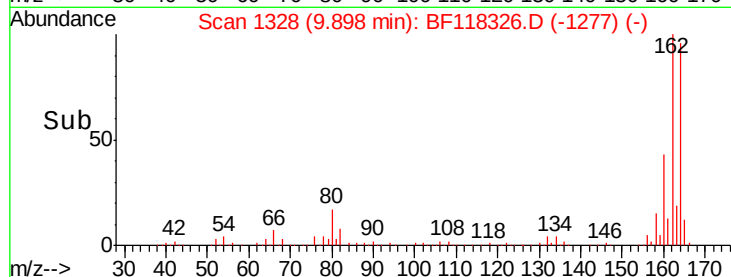
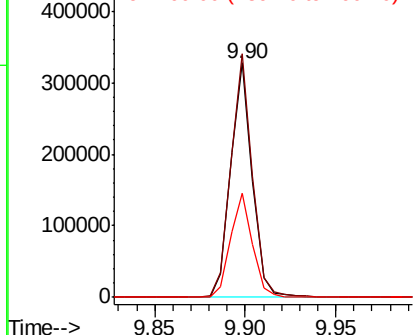
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 272158
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 44.4 34.8 52.2

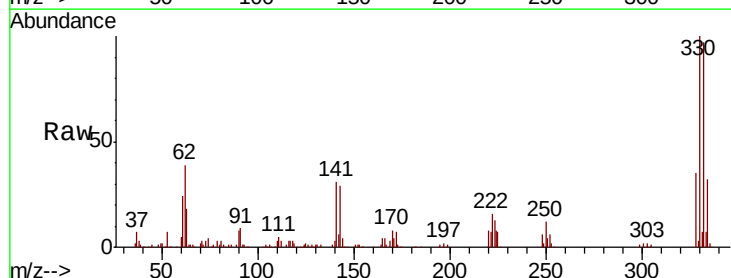


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

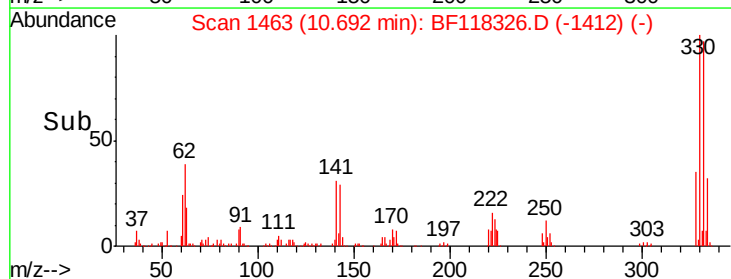
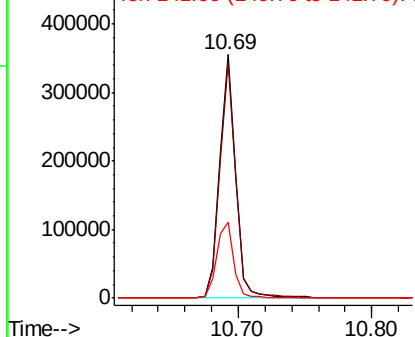


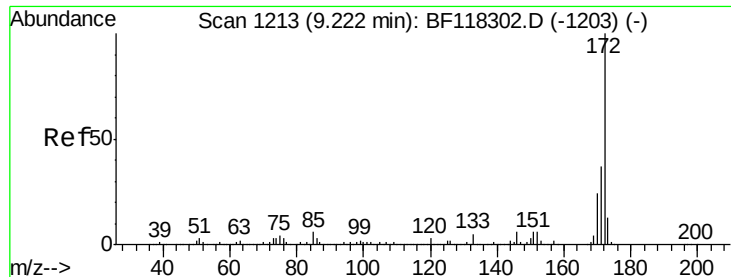
#42
2,4,6-Tribromophenol
Concen: 90.191 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion:330 Resp: 303129
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 33.6 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

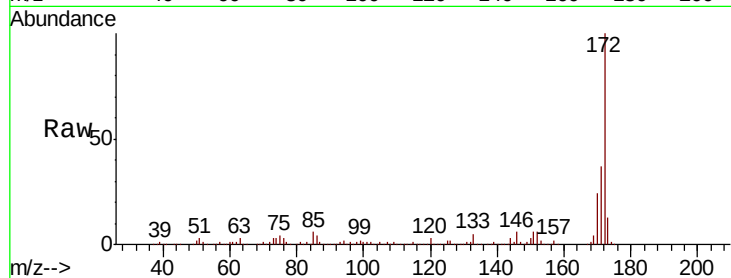




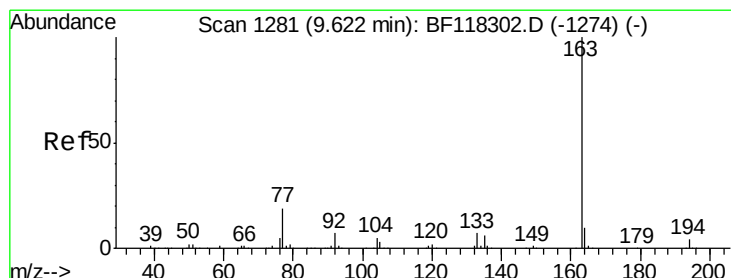
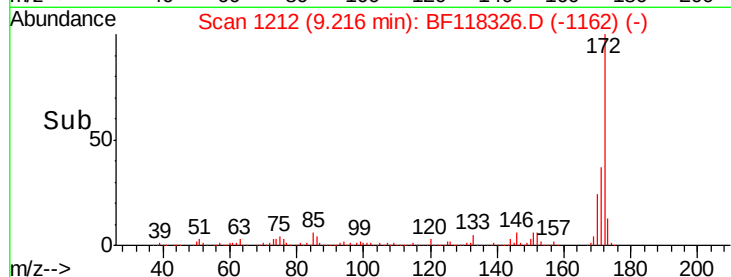
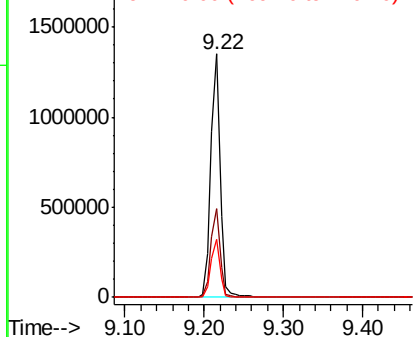
#45
2-Fluorobiphenyl
Concen: 62.137 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1107849
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 23.6 19.2 28.8

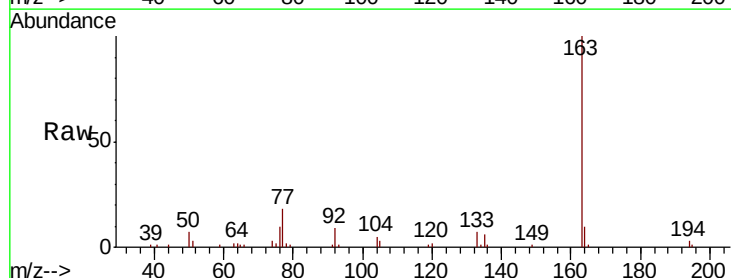


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

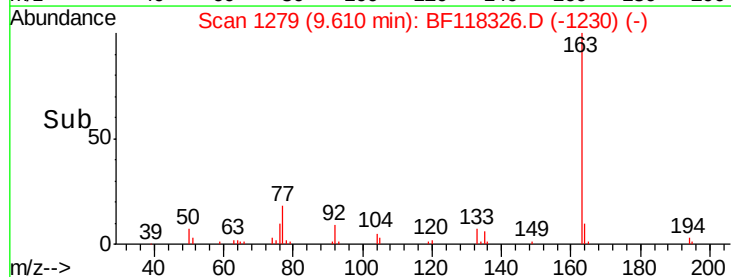
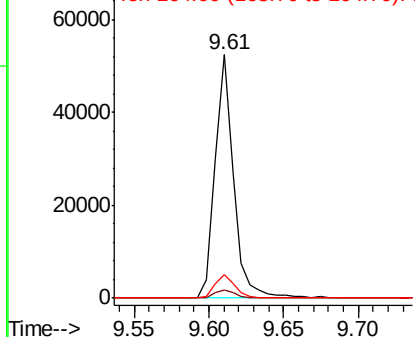


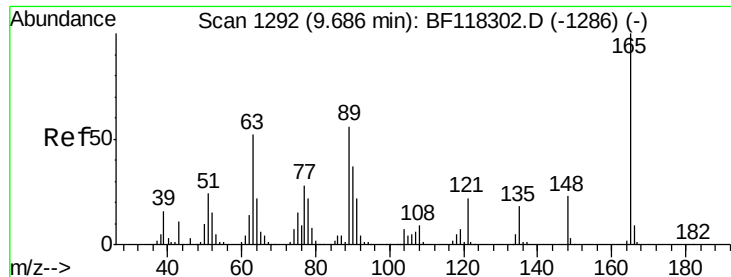
#50
Dimethylphthalate
Concen: 2.228 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion:163 Resp: 45526
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.6 7.9 11.9



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

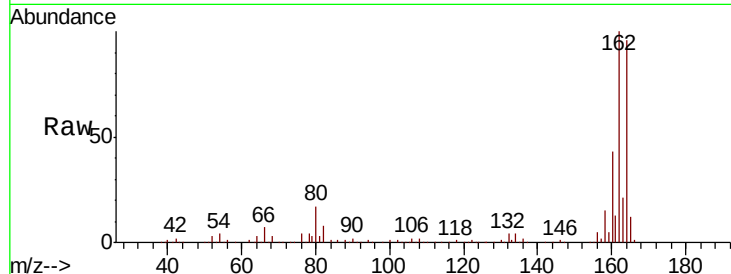




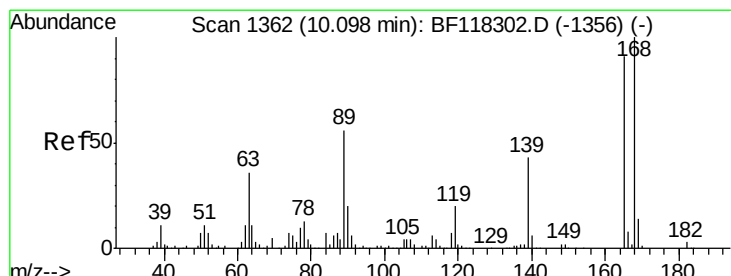
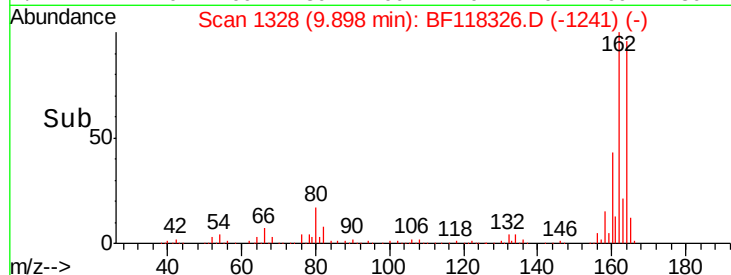
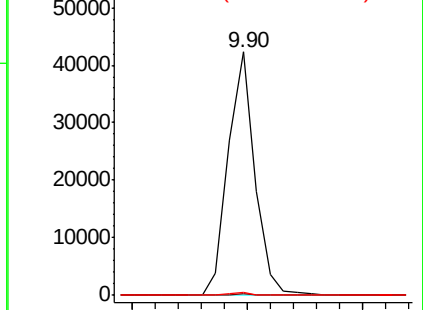
#51
 2,6-Dinitrotoluene
 Concen: 7.741 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	42.2	63.4#
89	1.3	44.4	66.6#

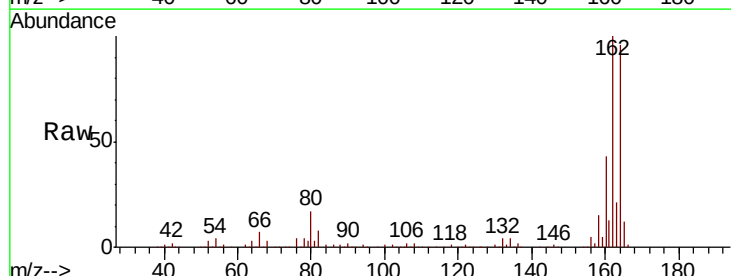


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

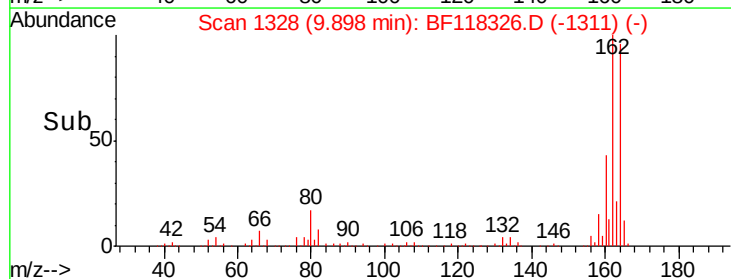
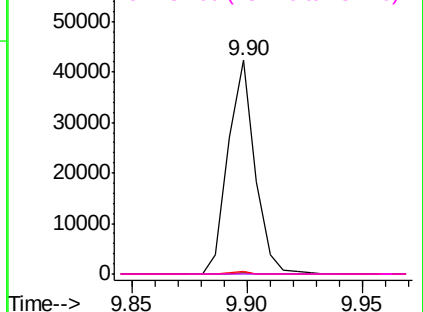


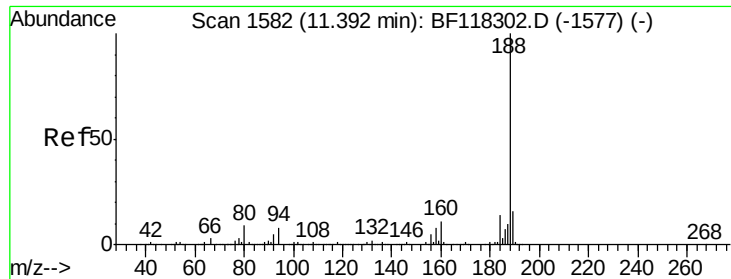
#57
 2,4-Dinitrotoluene
 Concen: 5.794 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	32.0	48.0#
89	1.3	49.3	73.9#
182	0.0	2.4	3.6#



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

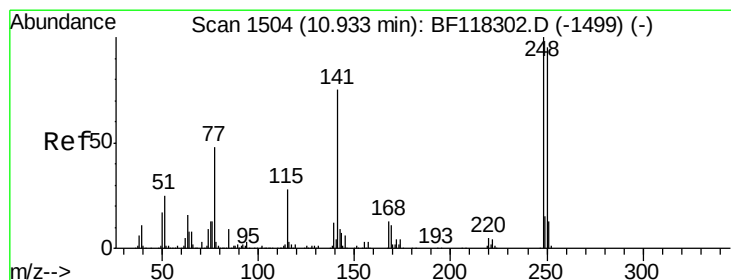
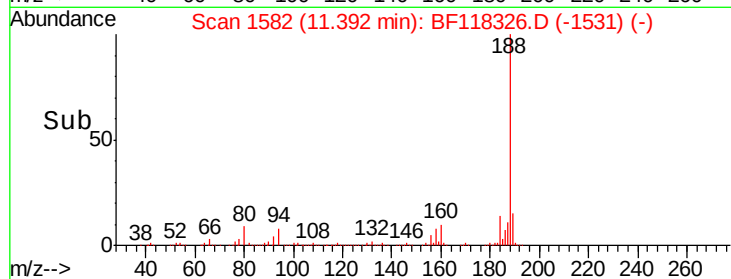
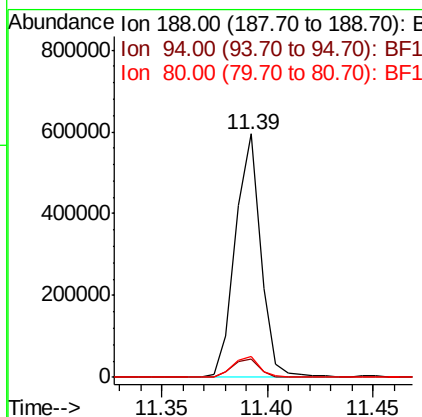
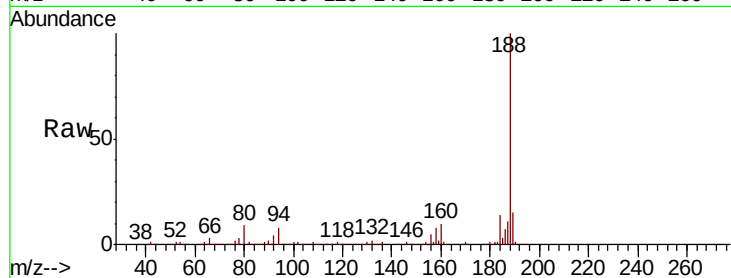




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

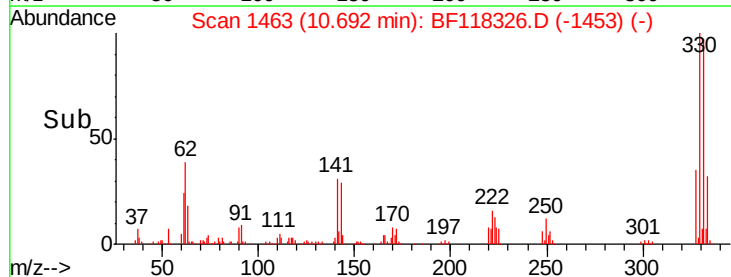
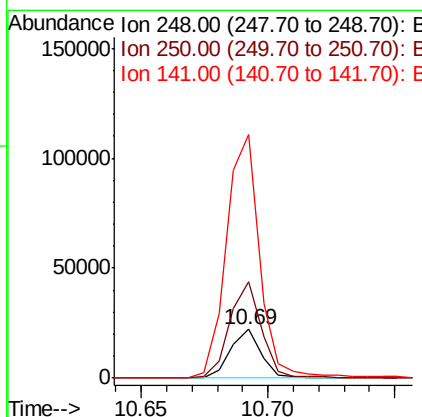
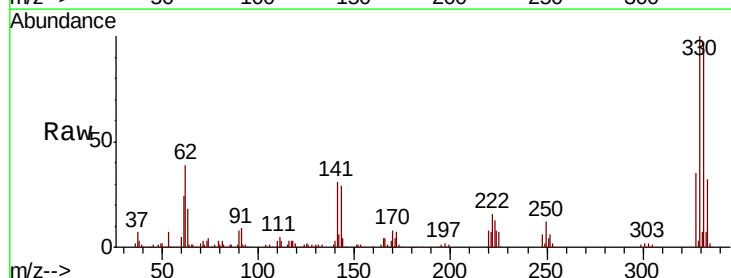
Instrument :
 BNA_F
 ClientSampleId :

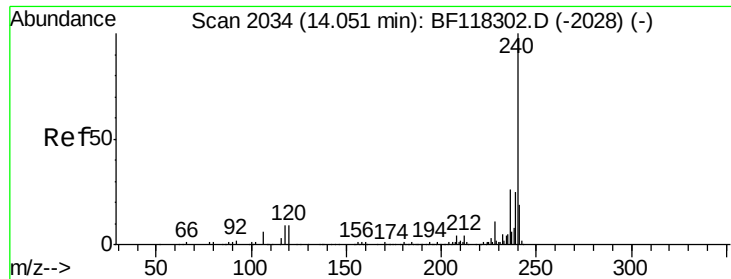
Tot Ion:188 Resp: 493304
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.7 10.1
 80 8.6 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.253 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Tgt Ion:248 Resp: 18782
 Ion Ratio Lower Upper
 248 100
 250 197.5 76.4 114.6#
 141 496.7 60.2 90.2#

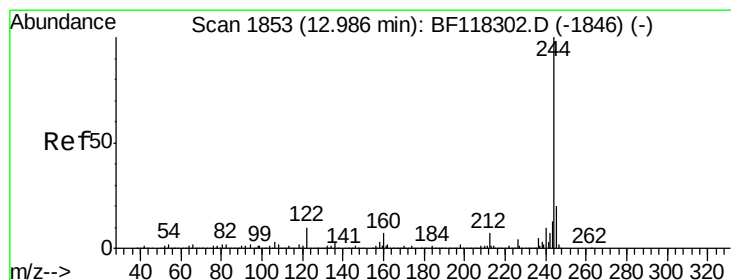
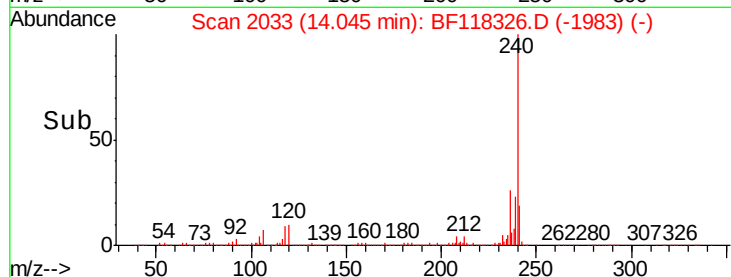
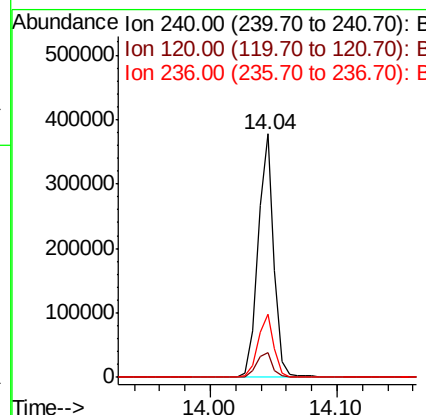
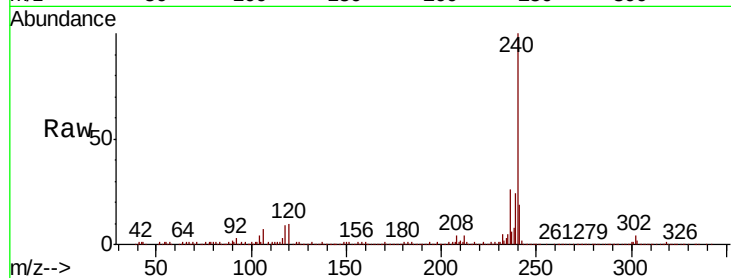




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

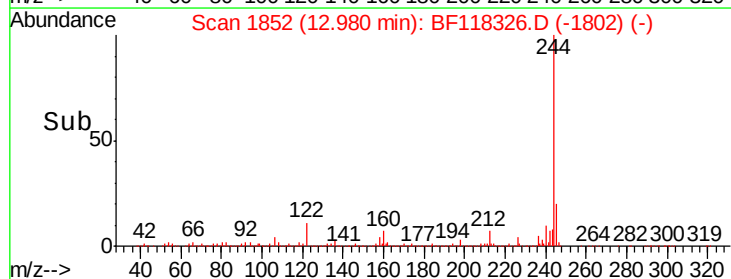
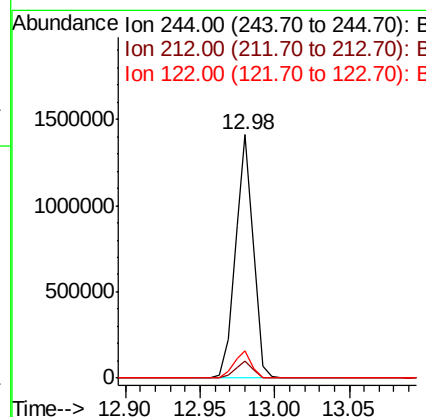
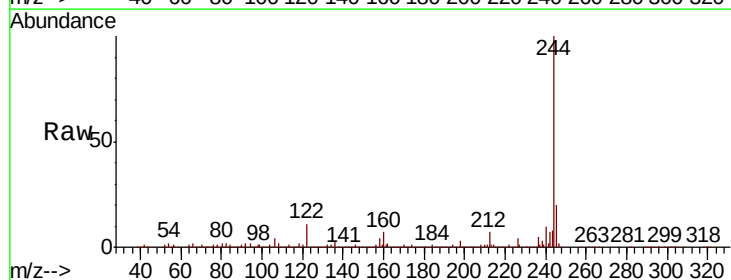
Instrument :
 BNA_F
 ClientSampled :

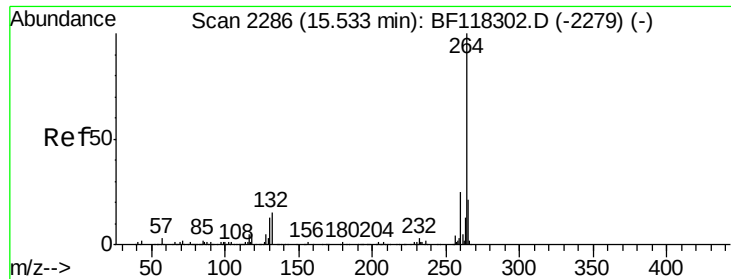
Tot Ion:240 Resp: 328408
 Ion Ratio Lower Upper
 240 100
 120 10.4 7.1 10.7
 236 25.9 21.0 31.6



#79
 Terphenyl-d14
 Concen: 60.145 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Tgt Ion:244 Resp: 1190575
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.0 7.8 11.8

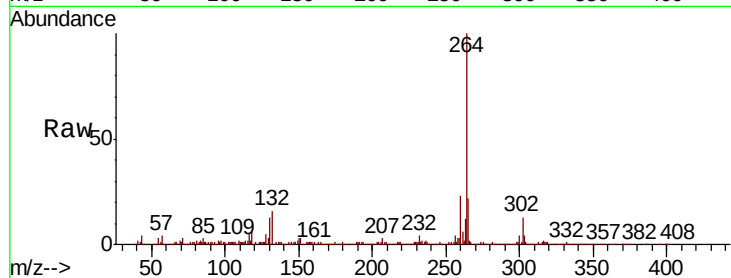




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	21.6	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

