

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118637.D
 Acq On : 21 Jan 2020 16:57
 Operator : CG/JU
 Sample : L1205-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 18:16:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

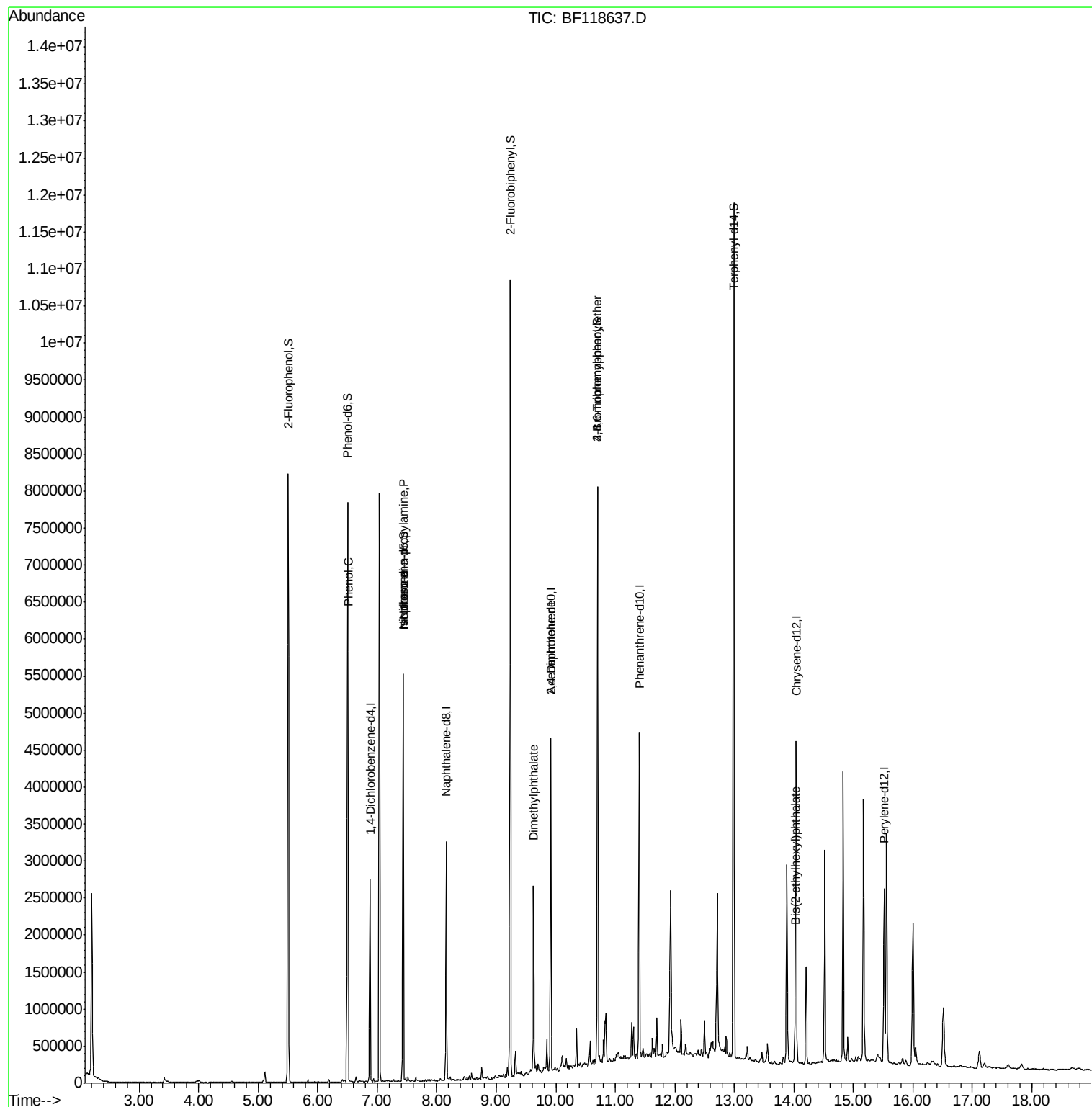
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	421261	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1572073	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	902191	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1691394	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1366004	20.00	ng	0.00
87) Perylene-d12	15.52	264	1162482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2488159	109.70	ng	0.00
7) Phenol-d6	6.50	99	3148145	106.79	ng	0.00
23) Nitrobenzene-d5	7.44	82	2024780	72.04	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1119055	107.24	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3782172	68.90	ng	0.00
79) Terphenyl-d14	12.99	244	4635117	74.01	ng	0.00
Target Compounds						
10) Phenol	6.52	94	117219	3.489	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	286931	14.414	ng	# 76
25) Isophorone	7.44	82	2015550	39.317	ng	# 64
50) Dimethylphthalate	9.63	163	919938	15.651	ng	98
57) 2,4-Dinitrotoluene	9.92	165	119440	7.198	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	71873	3.439	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.02	149	198311	4.277	ng	96

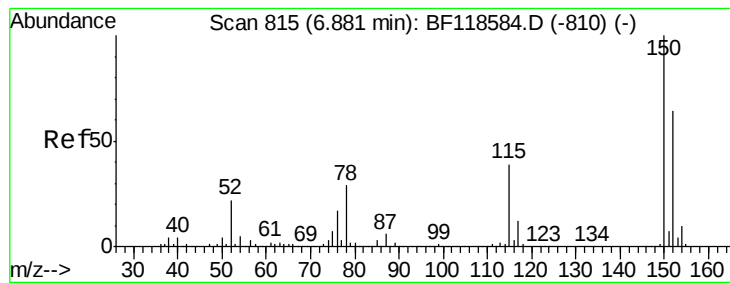
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

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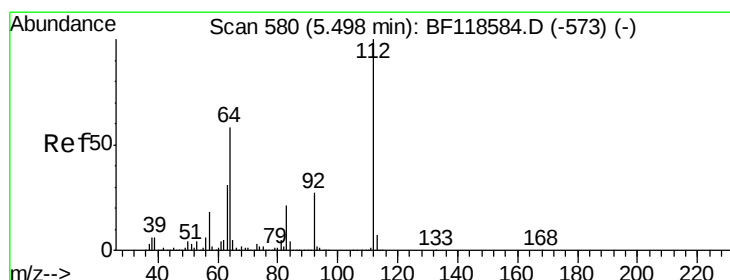
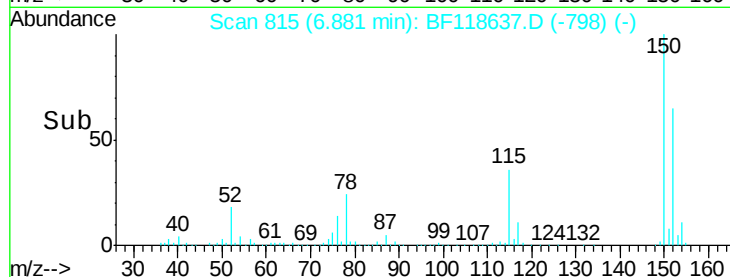
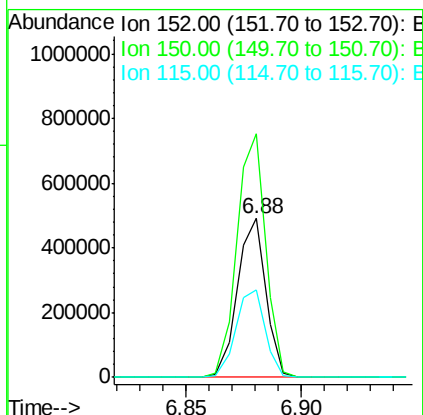
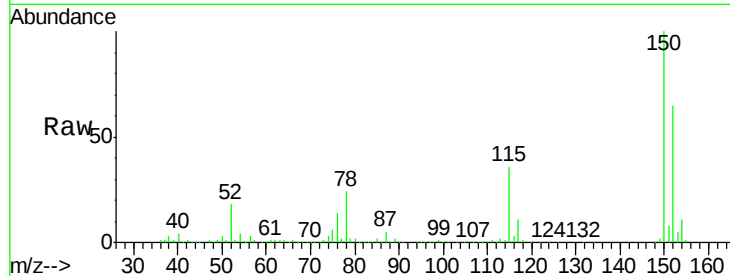




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118637.D
 Acq: 21 Jan 2020 16:57

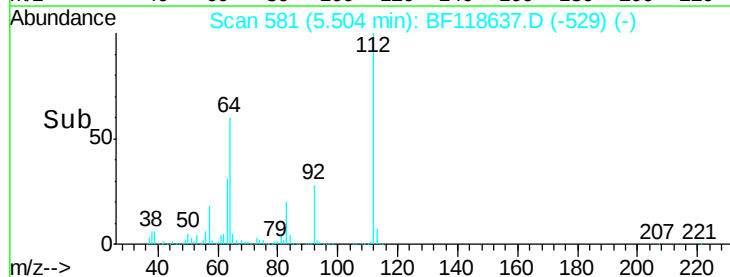
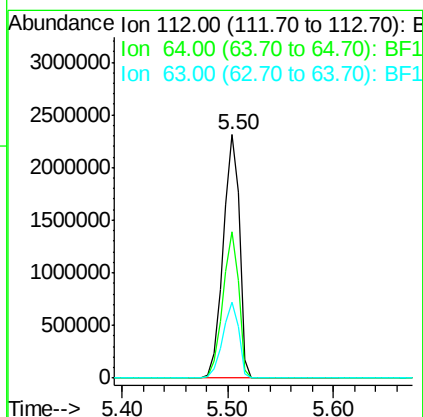
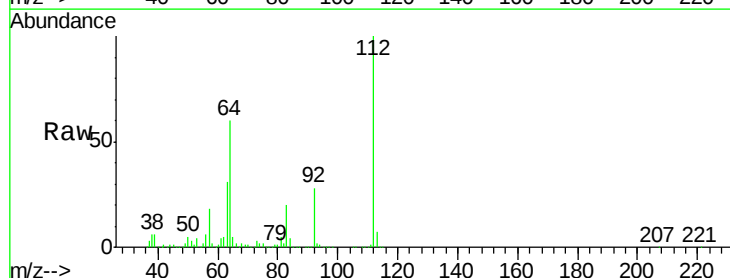
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 421261
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.6 188.4
 115 55.2 48.4 72.6



#5
 2-Fluorophenol
 Concen: 109.698 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118637.D
 Acq: 21 Jan 2020 16:57

Tgt Ion:112 Resp: 2488159
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.6 70.0
 63 31.4 25.1 37.7





#7

Phenol-d6

Concen: 106.787 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

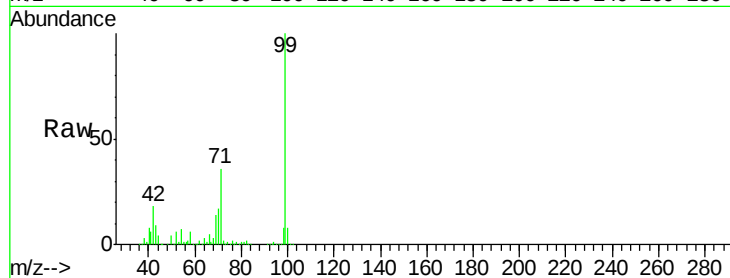
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3148145

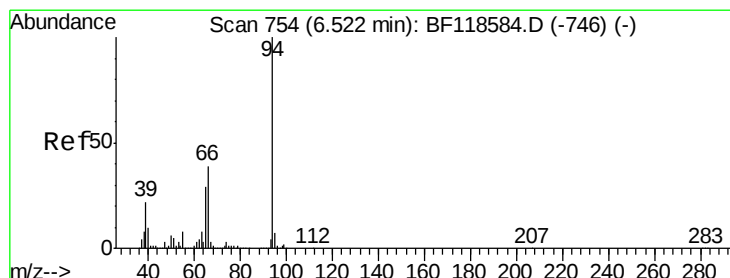
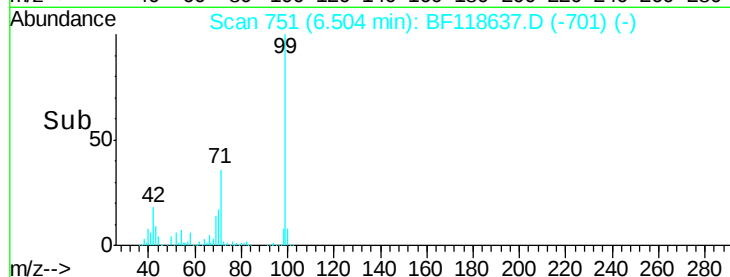
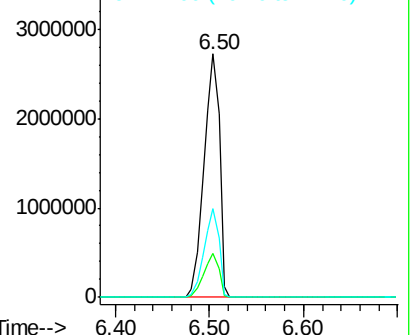
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.2	21.2
71	36.4	27.8	41.6



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: 3.489 ng

RT: 6.52 min Scan# 753

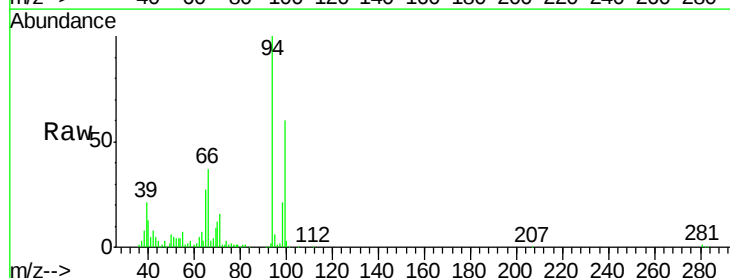
Delta R.T. -0.01 min

Lab File: BF118637.D

Acq: 21 Jan 2020 16:57

Tgt Ion: 94 Resp: 117219

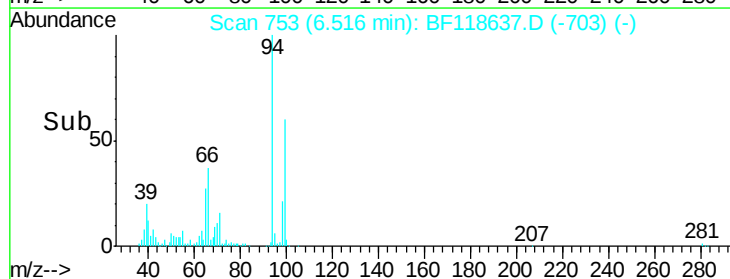
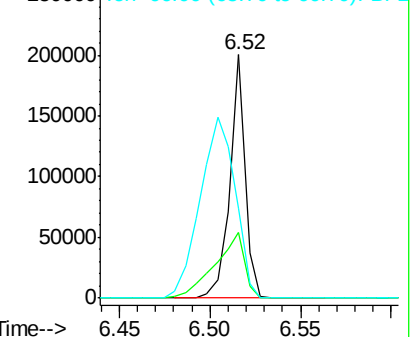
Ion	Ratio	Lower	Upper
94	100		
65	27.2	9.5	49.5
66	36.9	18.5	58.5



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

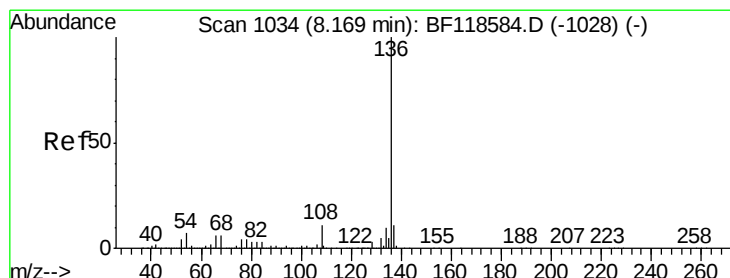
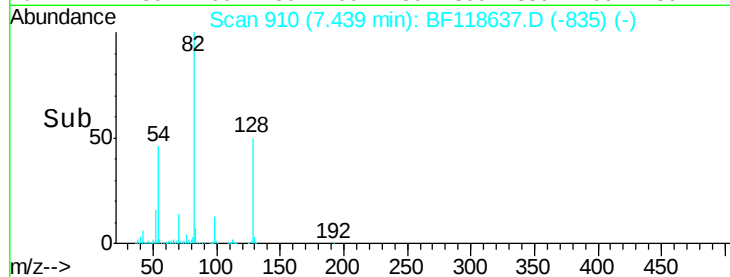
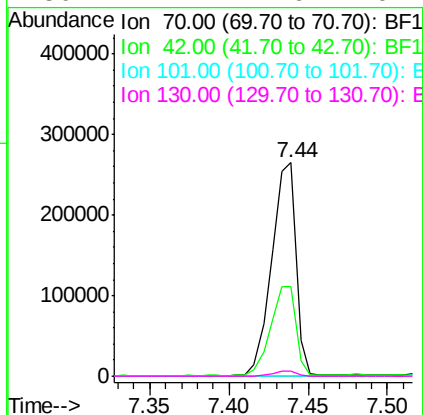
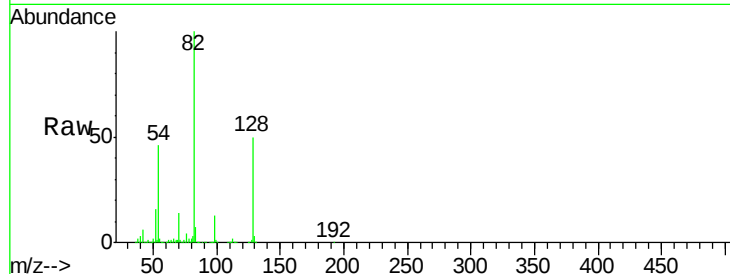




#19
n-Nitroso-di-n-propylamine
Concen: 14.414 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

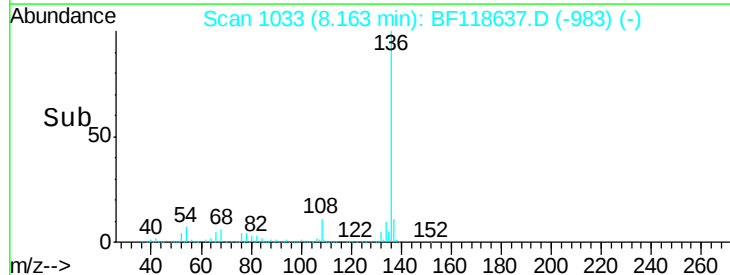
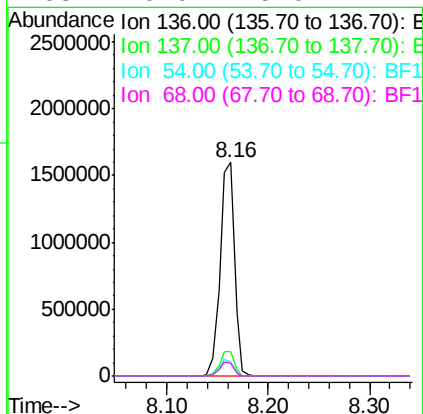
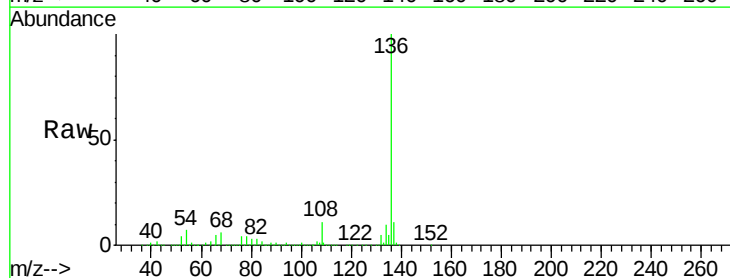
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 286931
Ion Ratio Lower Upper
70 100
42 42.3 43.4 65.0#
101 0.0 8.1 12.1#
130 2.2 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion:136 Resp: 1572073
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.8 5.8 8.6
68 6.0 5.0 7.4

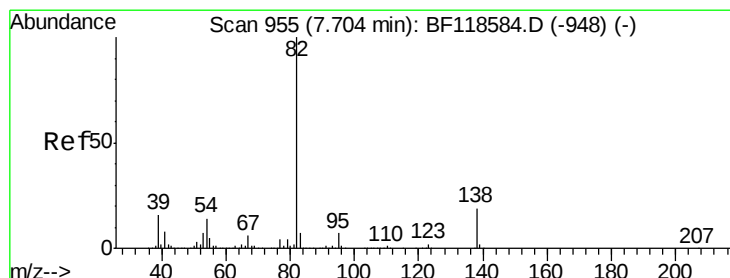
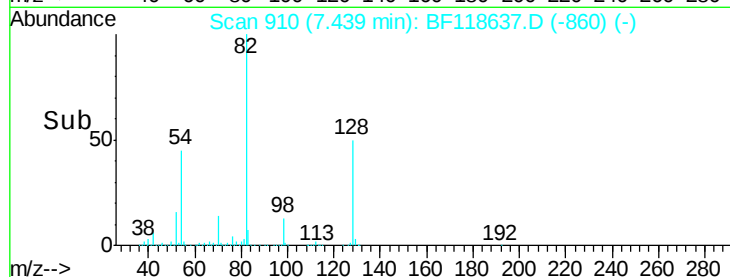
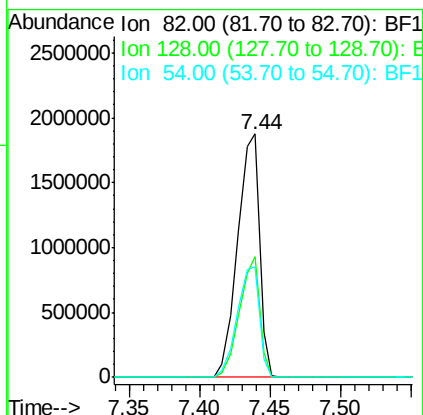
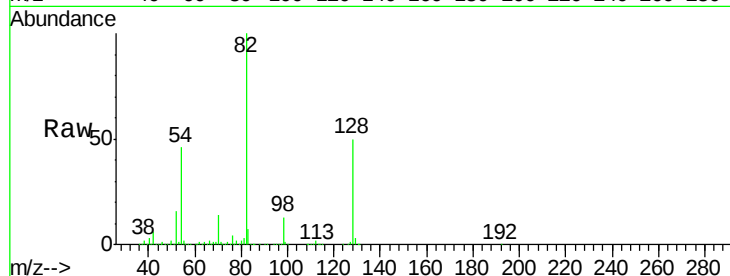




#23
Nitrobenzene-d5
Concen: 72.041 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

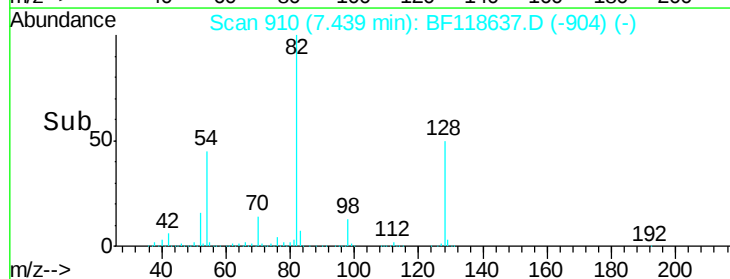
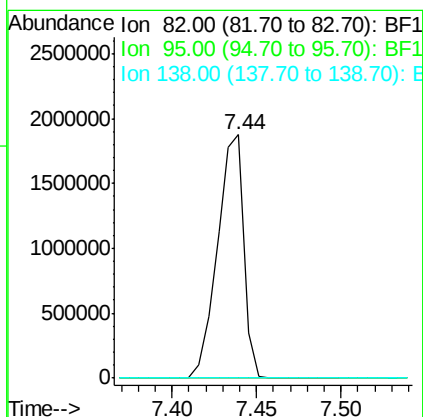
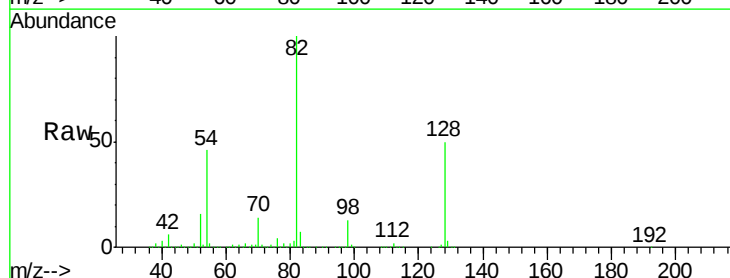
Instrument :
BNA_F
ClientSampleId :

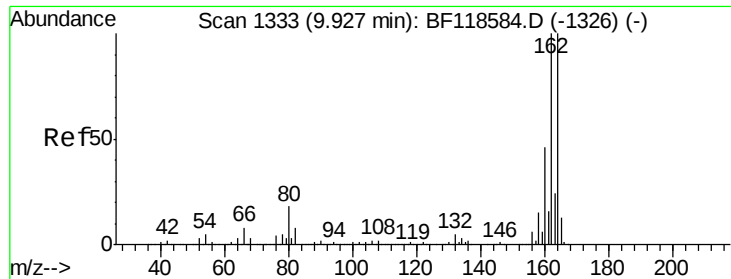
Tot Ion: 82 Resp: 2024780
Ion Ratio Lower Upper
82 100
128 49.5 36.6 54.8
54 45.5 38.0 57.0



#25
Isophorone
Concen: 39.317 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion: 82 Resp: 2015550
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 15.3 22.9#

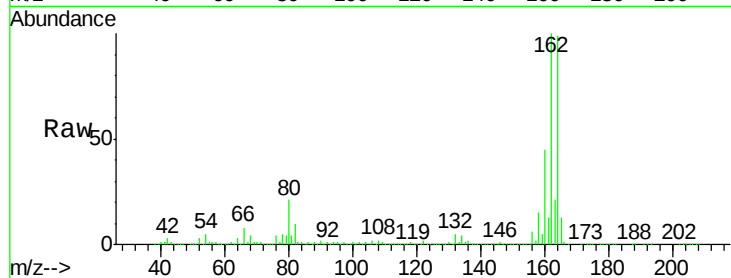




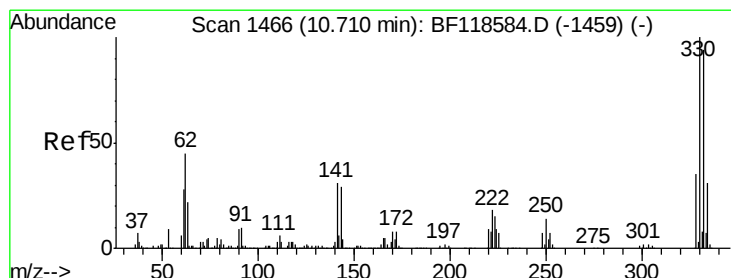
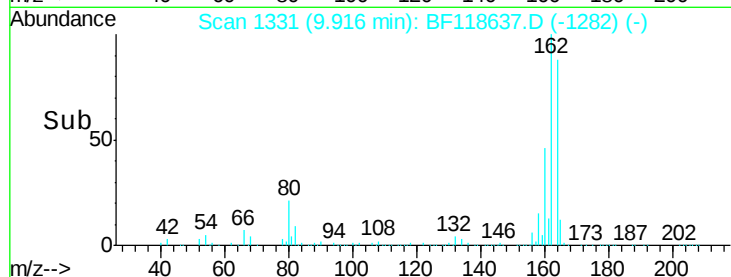
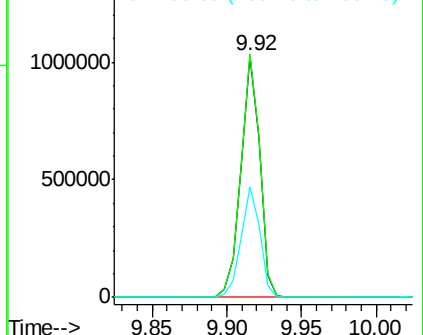
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 902191
Ion Ratio Lower Upper
164 100
162 100.9 80.4 120.6
160 45.8 36.6 55.0

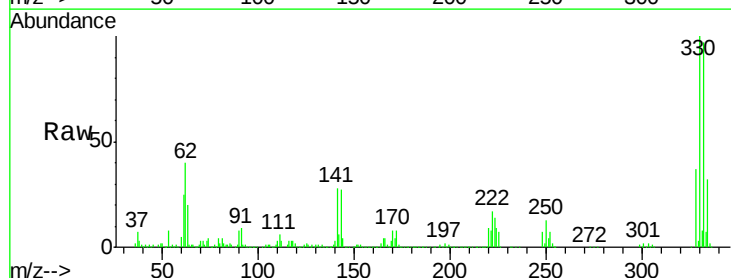


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

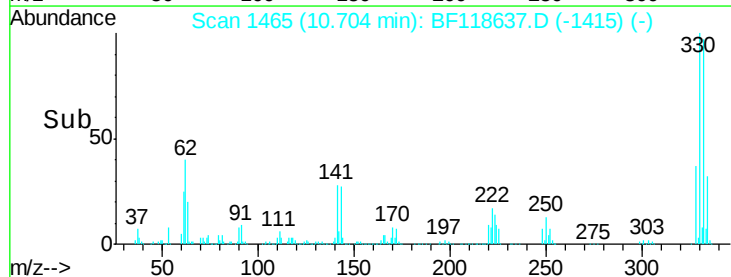
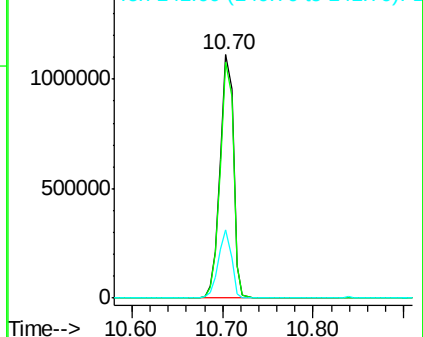


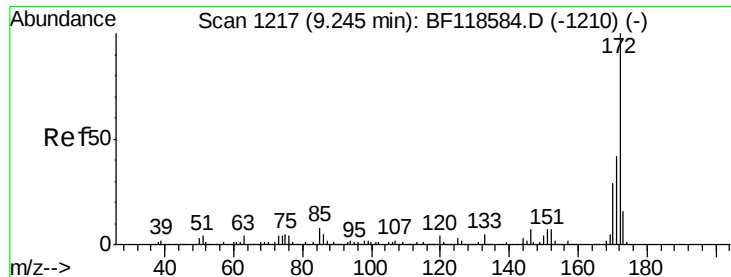
#42
2,4,6-Tribromophenol
Concen: 107.241 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion:330 Resp: 1119055
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 27.4 23.9 35.9



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

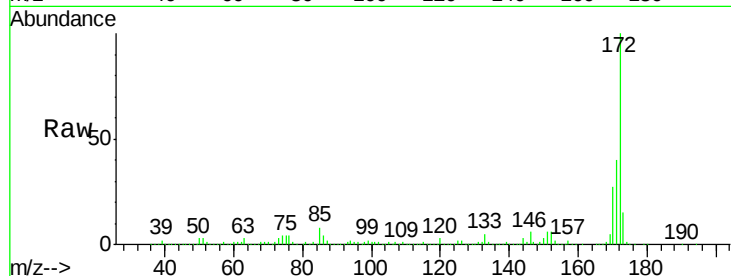




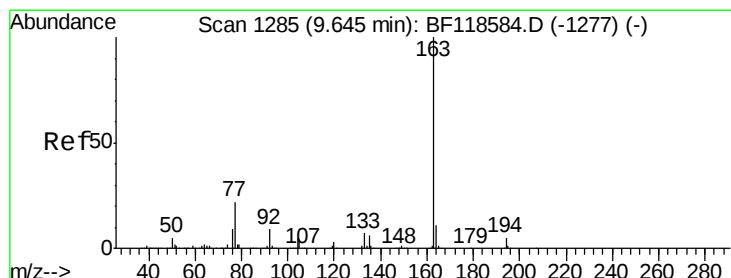
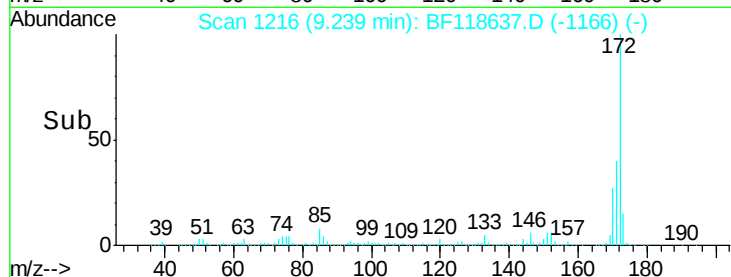
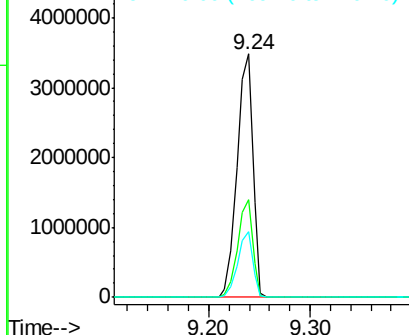
#45
2-Fluorobiphenyl
Concen: 68.904 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3782172
Ion Ratio Lower Upper
172 100
171 39.9 33.4 50.2
170 27.0 23.2 34.8

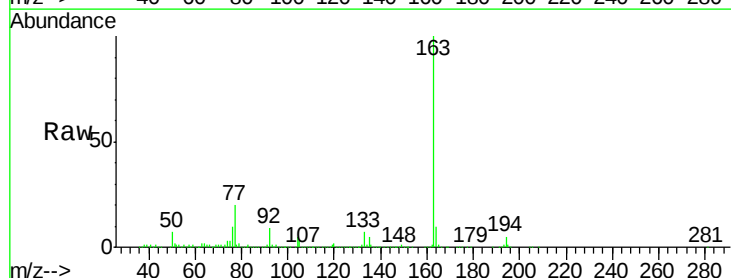


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

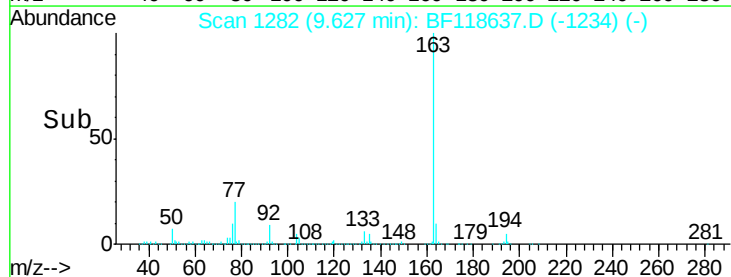
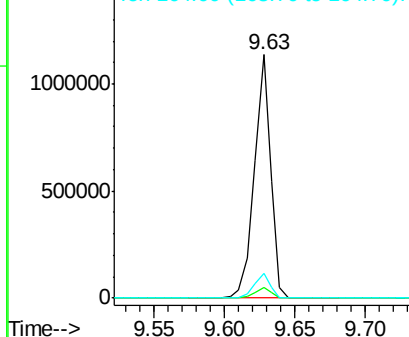


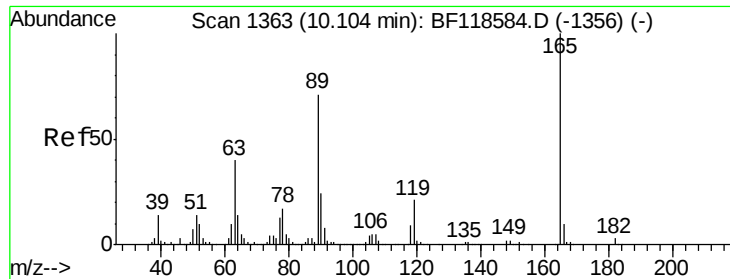
#50
Dimethylphthalate
Concen: 15.651 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion:163 Resp: 919938
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 10.3 9.1 13.7



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

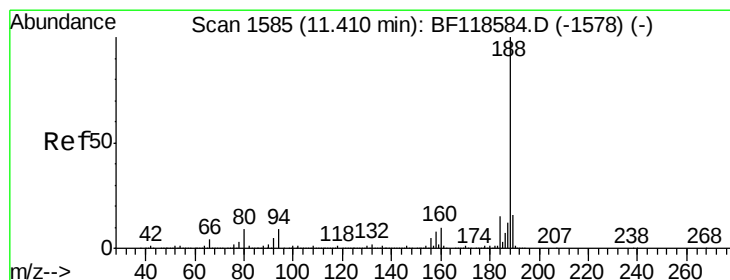
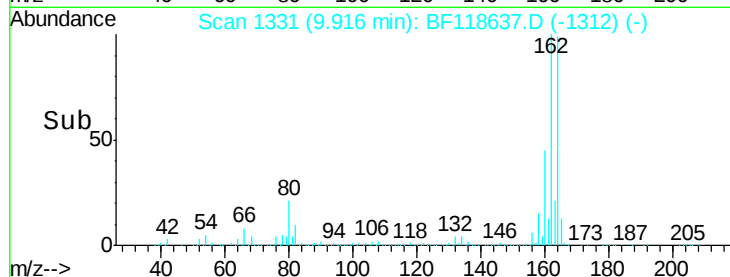
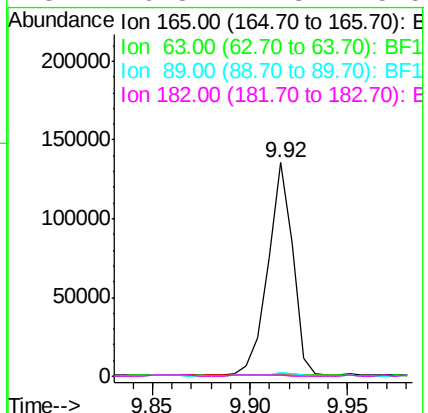
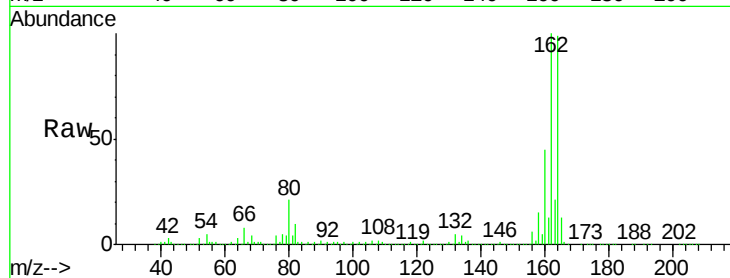




#57
2,4-Dinitrotoluene
Concen: 7.198 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

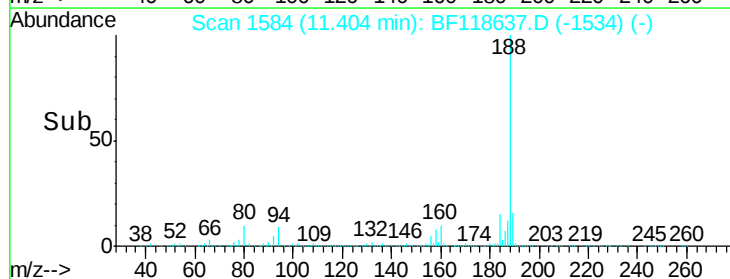
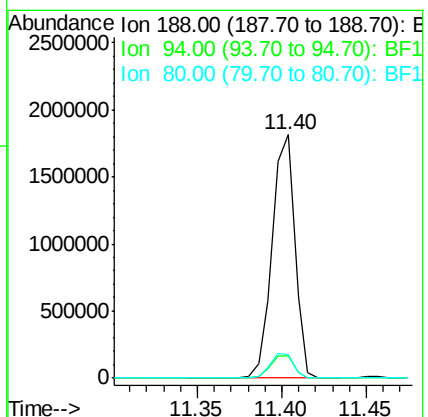
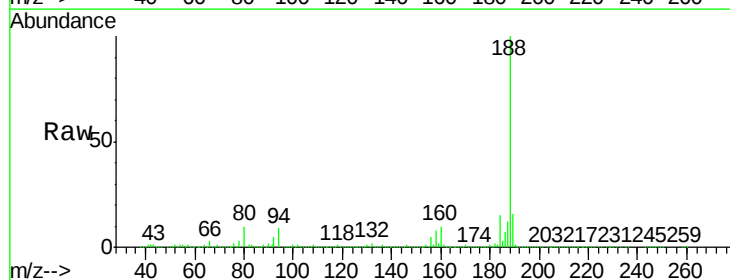
Instrument :
BNA_F
ClientSampleId :

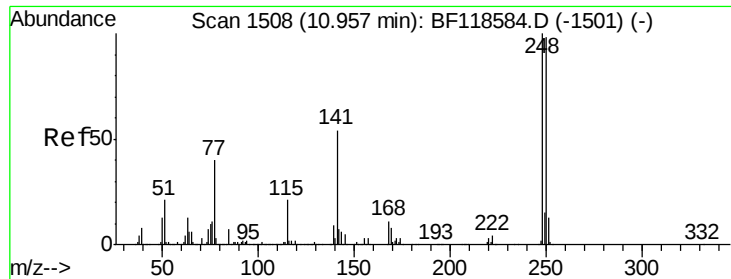
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.4	48.6#
89	1.7	56.4	84.6#
182	0.3	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.8	7.5	11.3

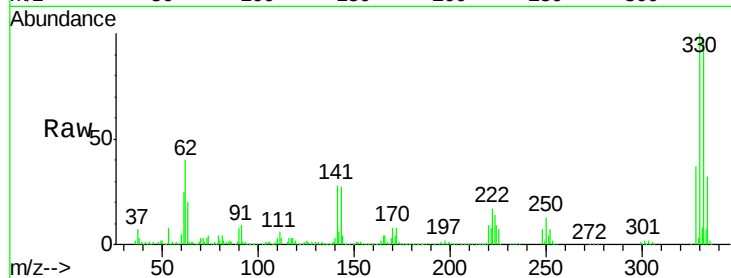




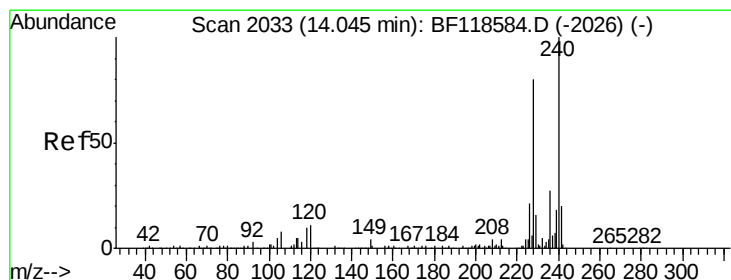
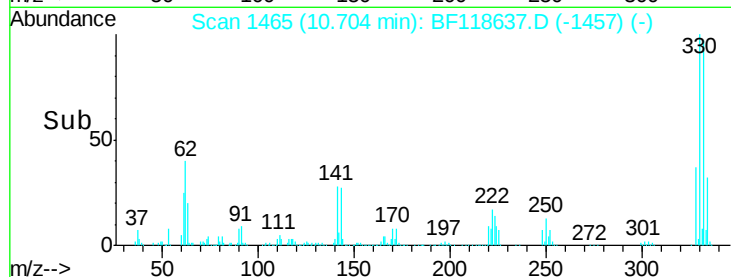
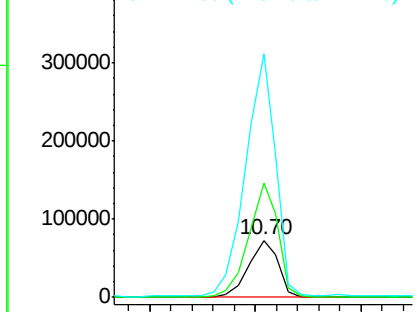
#67
4-Bromophenyl-phenylether
Concen: 3.439 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 71873
Ion Ratio Lower Upper
248 100
250 200.0 78.7 118.1#
141 425.8 43.2 64.8#

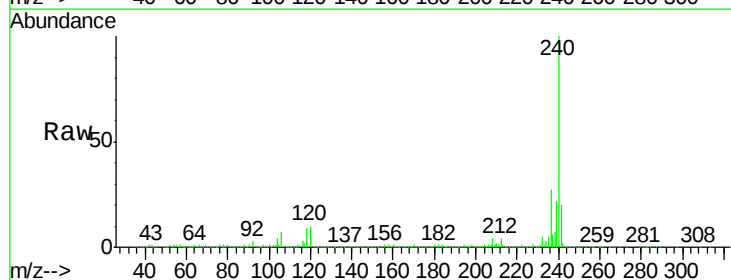


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

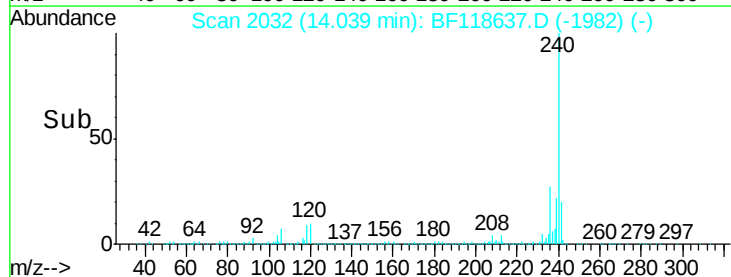
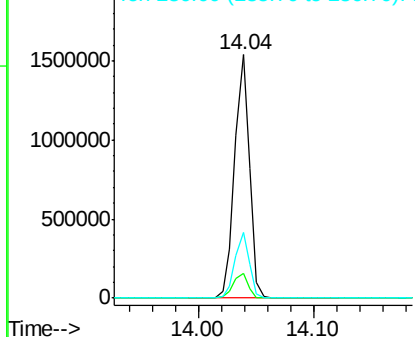


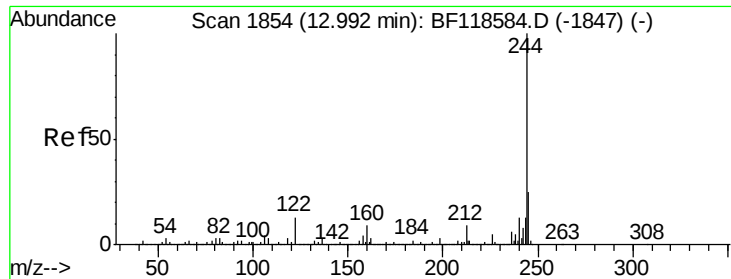
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118637.D
Acq: 21 Jan 2020 16:57

Tgt Ion:240 Resp: 1366004
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 27.0 21.5 32.3



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

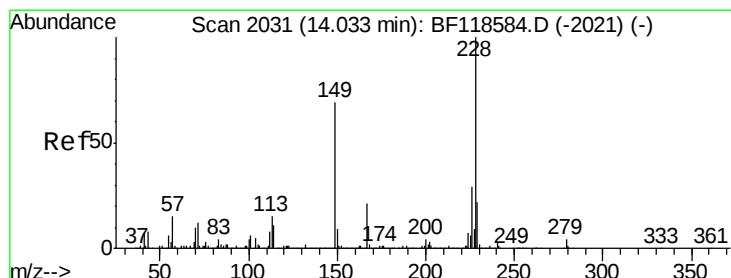
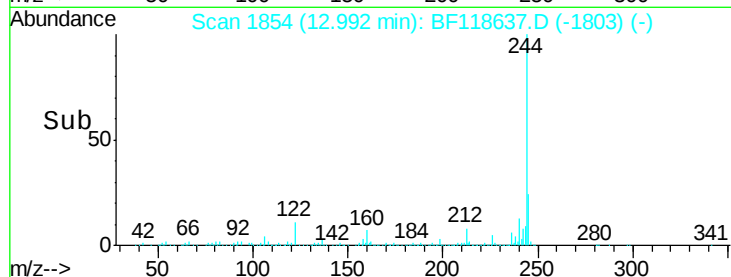
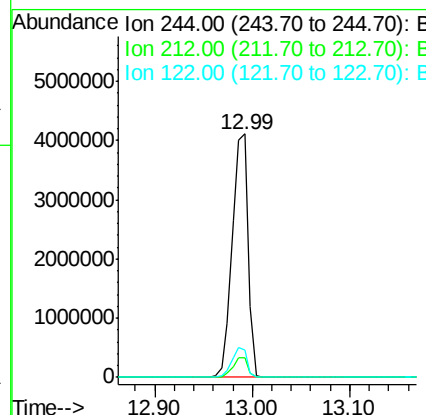
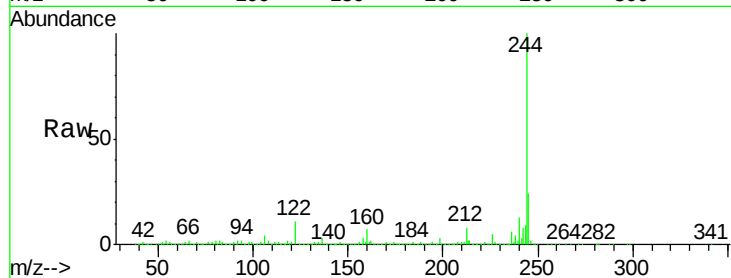




#79
 Terphenyl-d14
 Concen: 74.009 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118637.D
 Acq: 21 Jan 2020 16:57

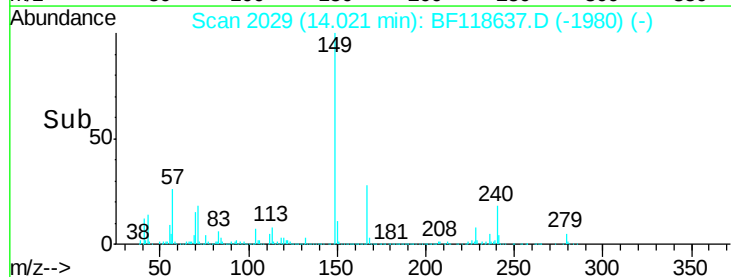
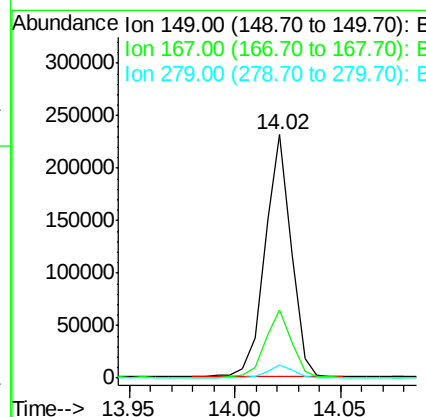
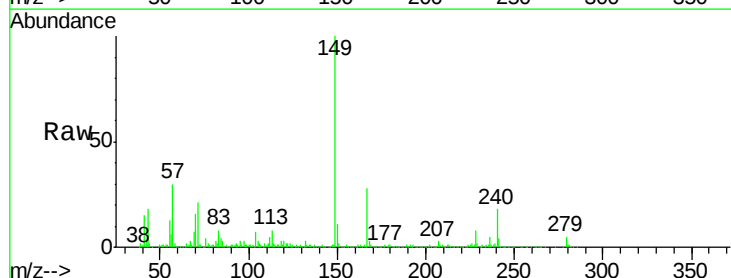
Instrument :
 BNA_F
 ClientSampled :

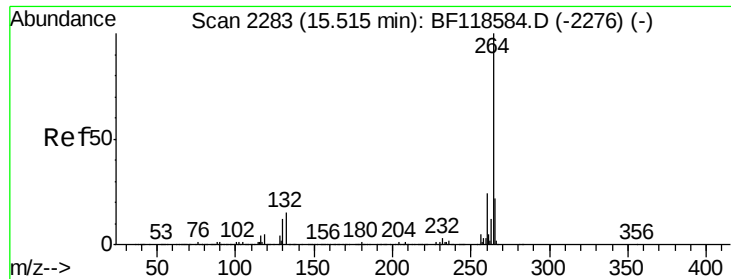
Tot Ion:244 Resp: 4635117
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 11.3 10.7 16.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.277 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF118637.D
 Acq: 21 Jan 2020 16:57

Tgt Ion:149 Resp: 198311
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.2 36.4
 279 5.4 5.0 7.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF118637.D
 Acq: 21 Jan 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 1162482
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 22.1 17.7 26.5

