

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116119.D
 Acq On : 9 Aug 2019 18:24
 Operator : HP/JU
 Sample : K4241-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:34:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

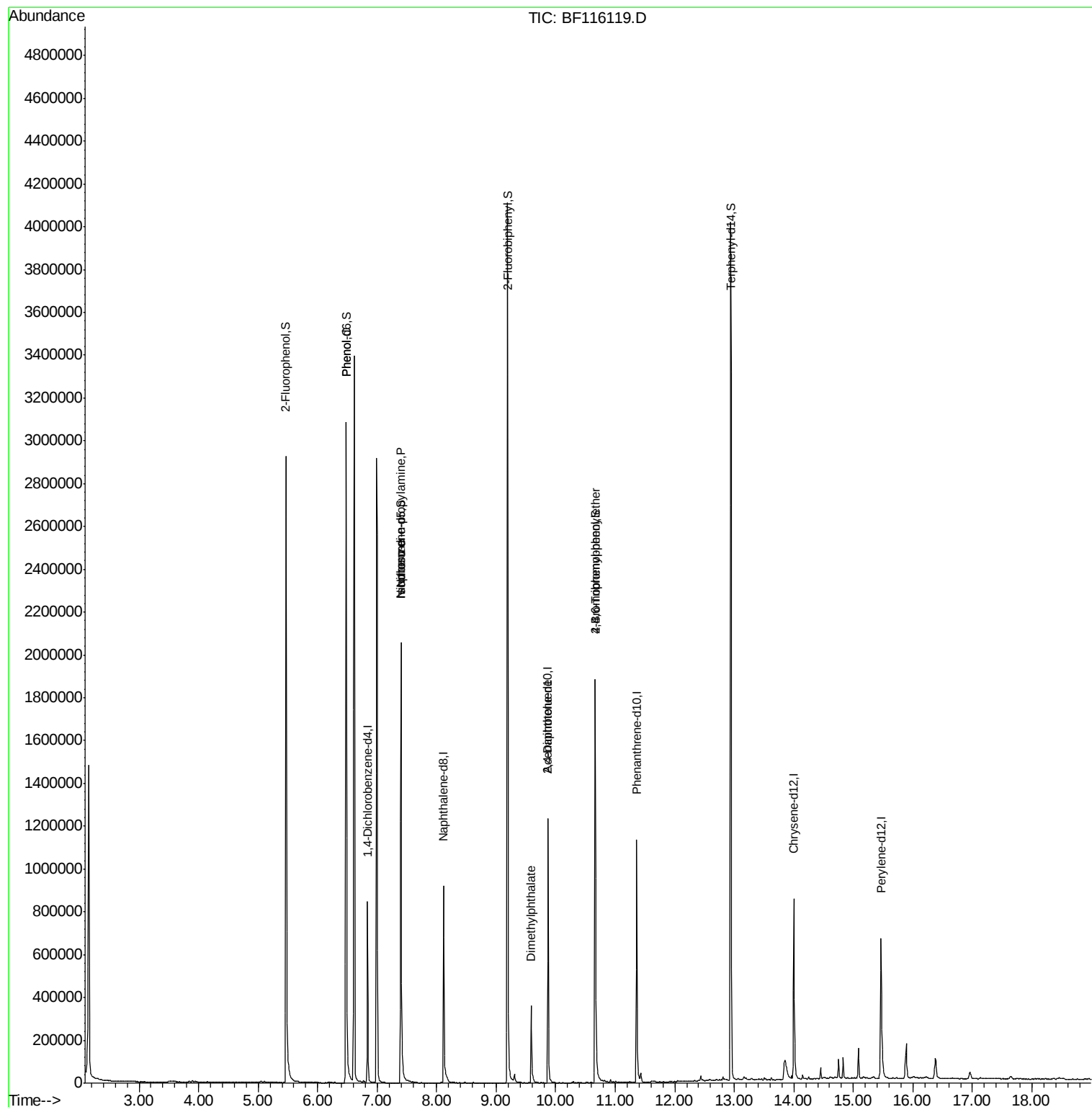
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130013	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	501537	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	264260	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	474646	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	353480	20.00	ng	-0.01
87) Perylene-d12	15.47	264	332853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	985815	126.93	ng	0.00
7) Phenol-d6	6.48	99	1278299	130.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	855977	98.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	290034	113.20	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1397179	99.03	ng	-0.01
79) Terphenyl-d14	12.94	244	1539346	91.76	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	29236	2.534	ng	# 61
19) n-Nitroso-di-n-propylamine	7.40	70	113512	18.694	ng	# 80
25) Isophorone	7.40	82	856545	51.555	ng	# 65
50) Dimethylphthalate	9.59	163	201783	11.214	ng	# 99
57) 2,4-Dinitrotoluene	9.87	165	34176	6.565	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	17449	3.434	ng	# 1

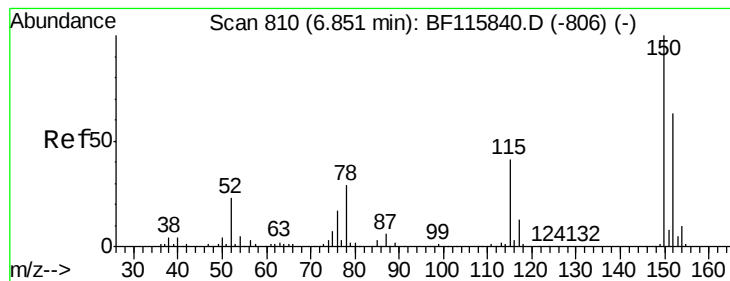
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

Instrument :

BNA_F

ClientSampled :

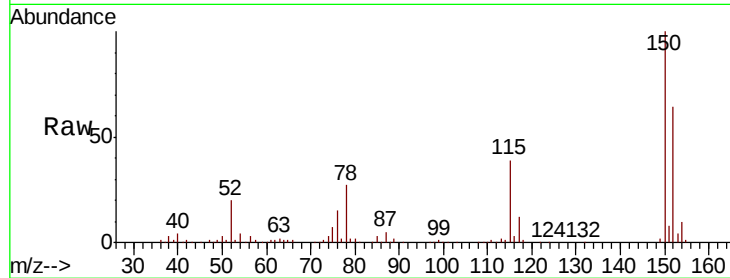
Tot Ion:152 Resp: 130013

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

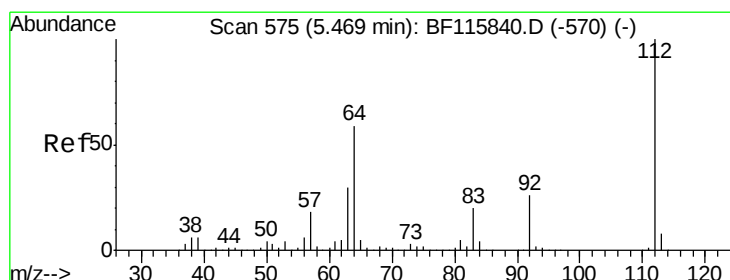
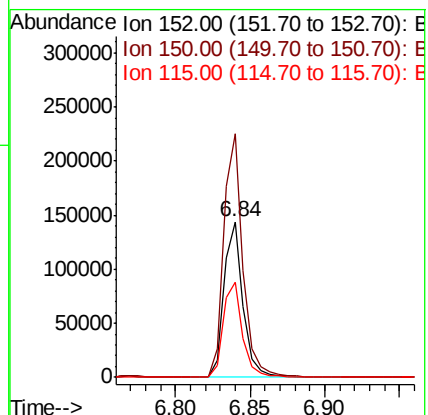
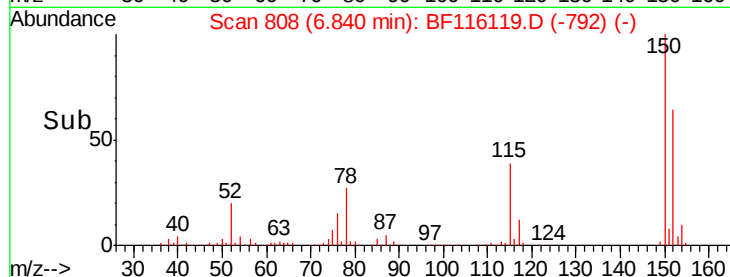
115 61.1 49.9 74.9



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: 126.935 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

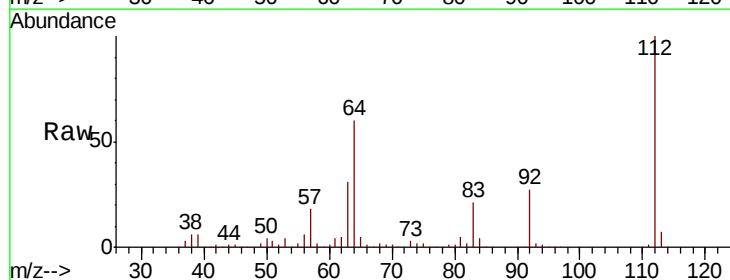
Tgt Ion:112 Resp: 985815

Ion Ratio Lower Upper

112 100

64 59.8 45.4 68.2

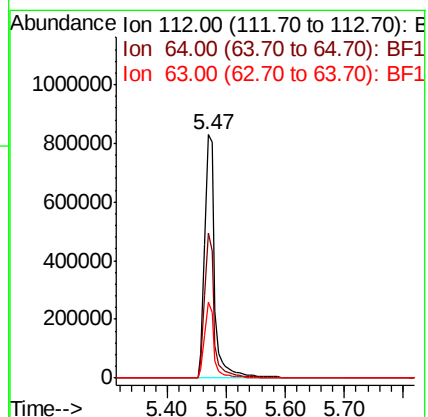
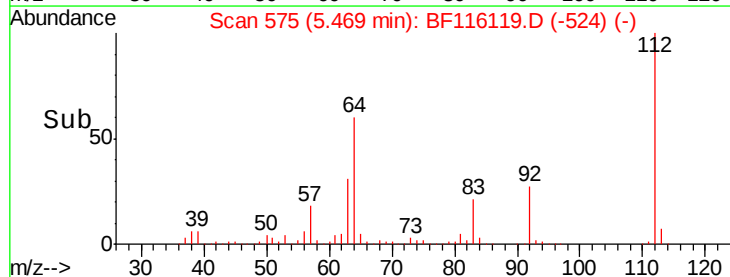
63 31.3 23.7 35.5



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: 130.458 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

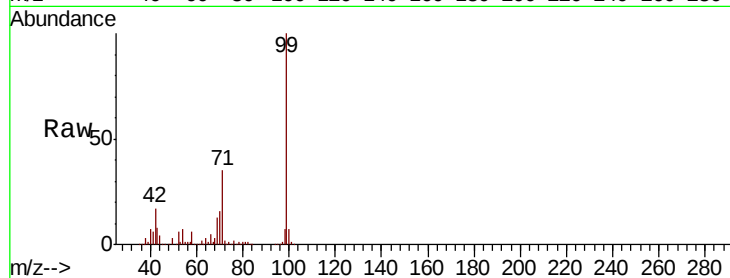
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1278299

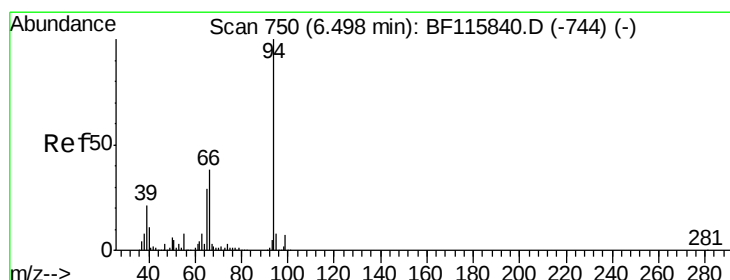
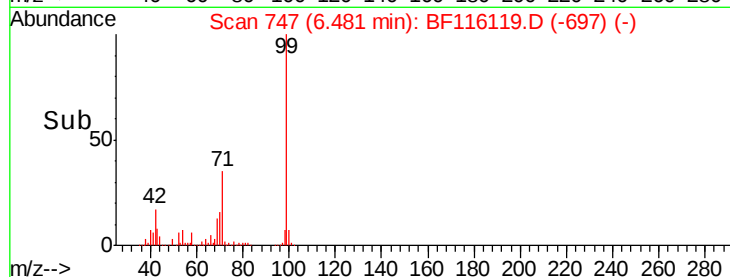
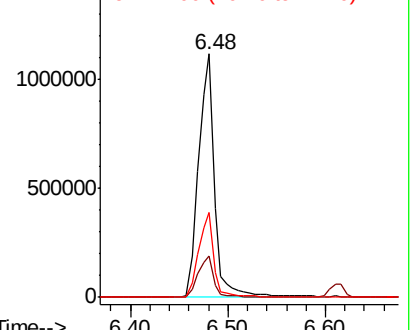
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	34.6	27.3	40.9



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: 2.534 ng

RT: 6.49 min Scan# 748

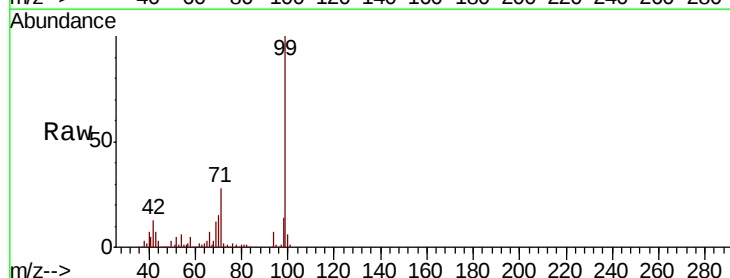
Delta R.T. -0.02 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

Tgt Ion: 94 Resp: 29236

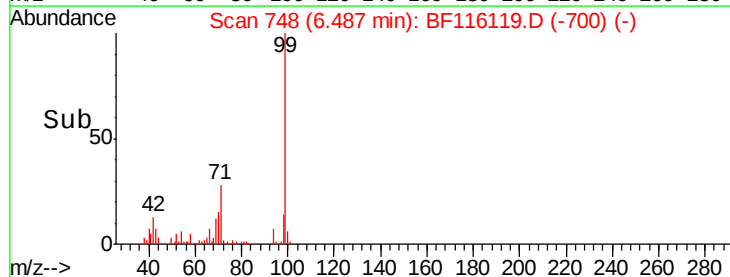
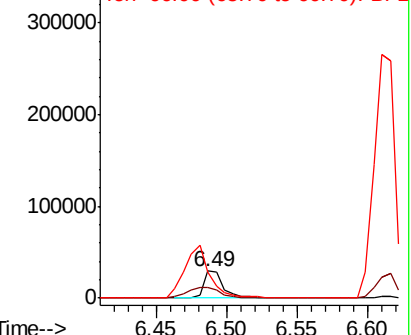
Ion	Ratio	Lower	Upper
94	100		
65	41.5	16.8	56.8
66	97.3	34.2	74.2



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

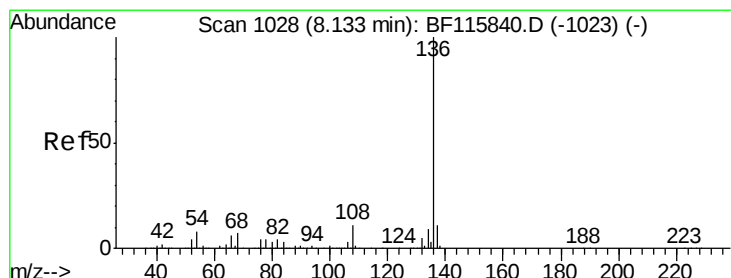
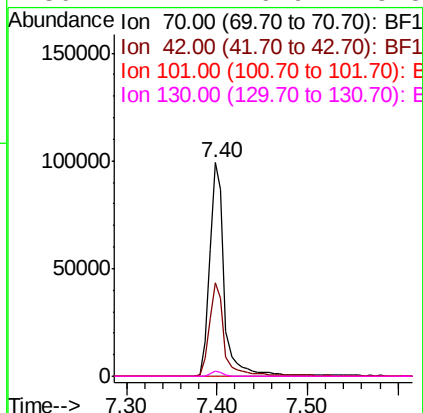
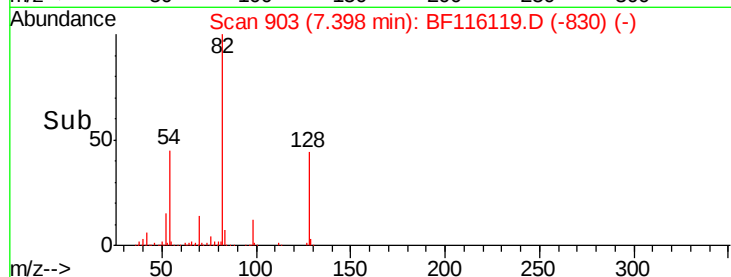
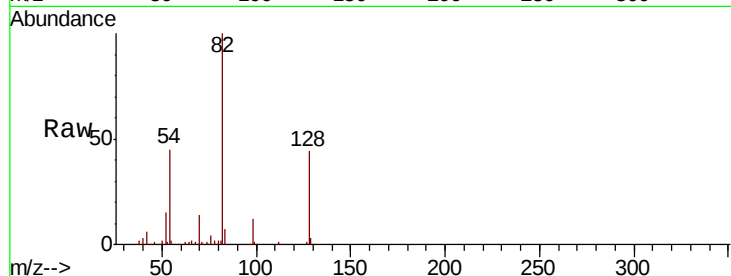




#19
n-Nitroso-di-n-propylamine
Concen: 18.694 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

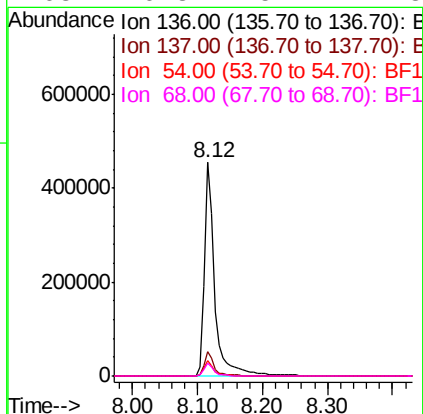
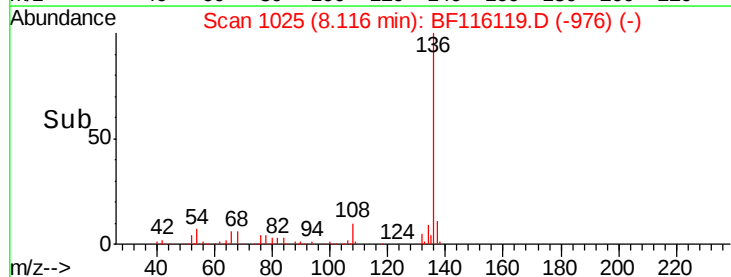
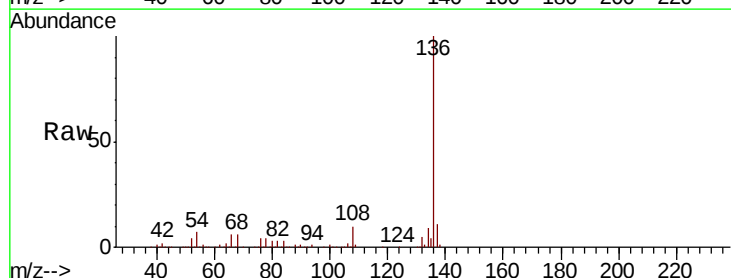
Instrument :
BNA_F
ClientSampleId :

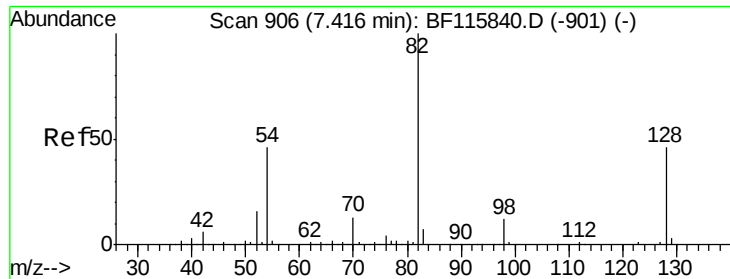
Tot Ion: 70 Resp: 113512
Ion Ratio Lower Upper
70 100
42 43.5 40.9 61.3
101 0.0 7.9 11.9#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Tgt Ion: 136 Resp: 501537
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.2 5.8 8.6
68 6.3 5.2 7.8

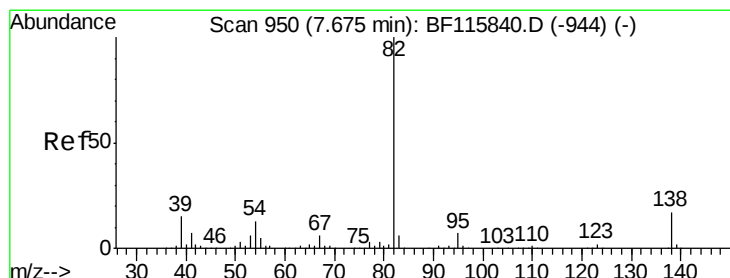
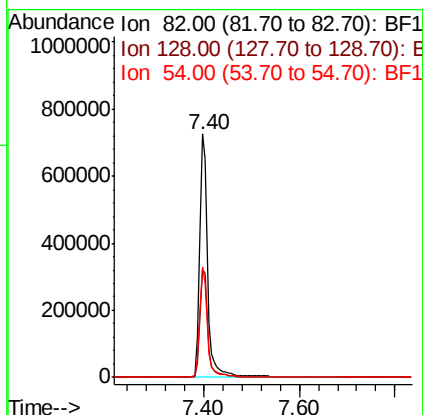
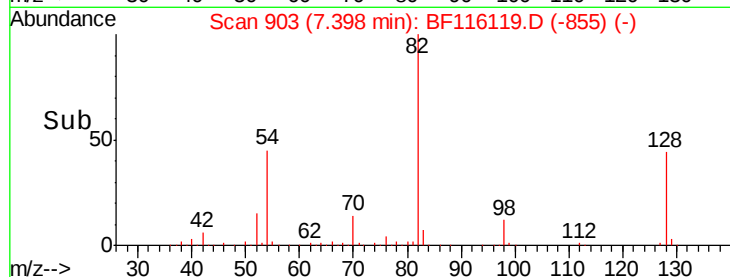
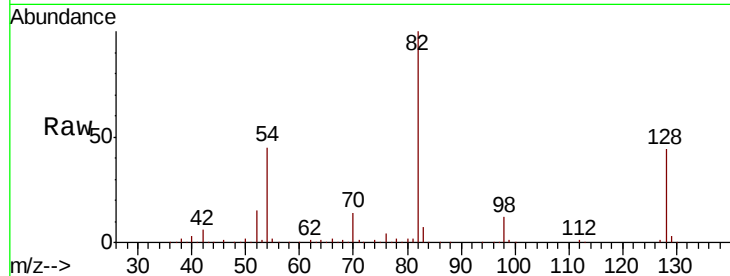




#23
Nitrobenzene-d5
Concen: 98.516 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

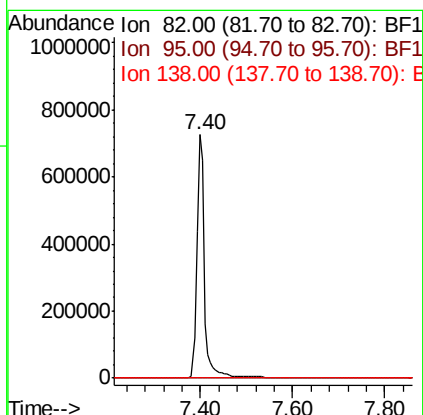
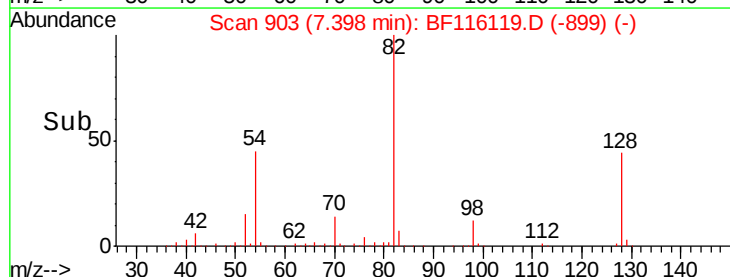
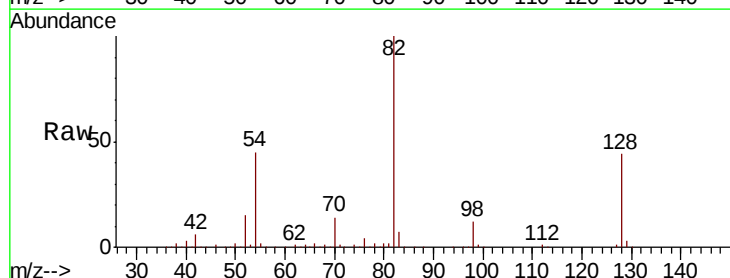
Instrument :
BNA_F
ClientSampled :

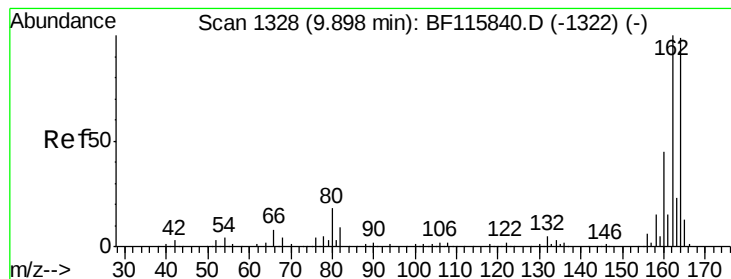
Tot Ion: 82 Resp: 855977
Ion Ratio Lower Upper
82 100
128 44.2 36.5 54.7
54 45.5 36.0 54.0



#25
Isophorone
Concen: 51.555 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Tgt Ion: 82 Resp: 856545
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

Instrument :

BNA_F

ClientSampleId :

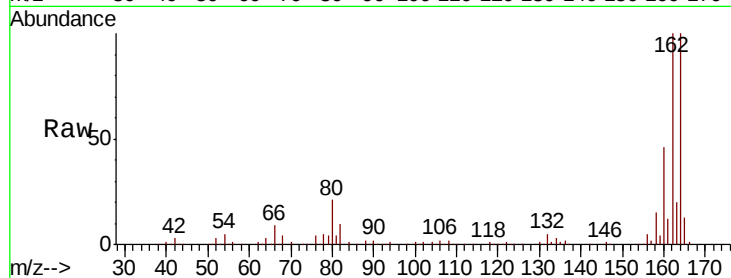
Tot Ion:164 Resp: 264260

Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

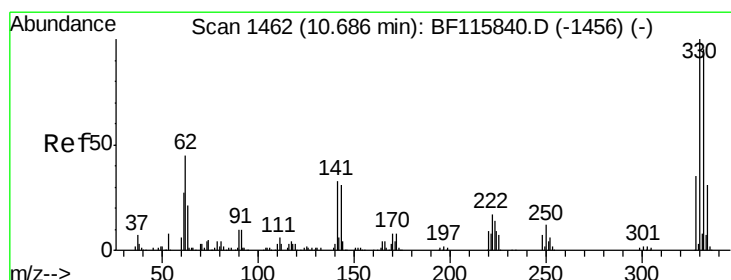
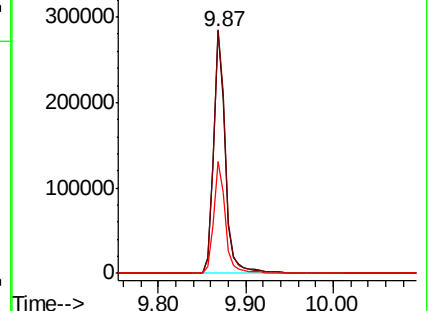
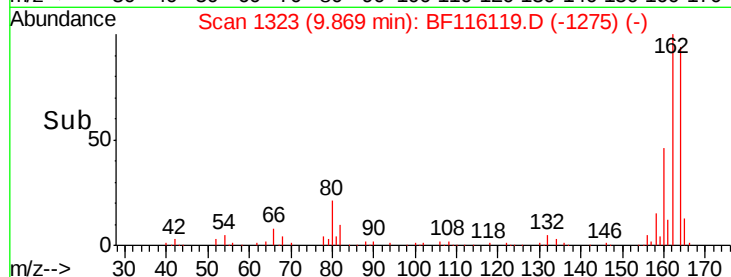
160 46.3 37.6 56.4



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: 113.203 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116119.D

Acq: 9 Aug 2019 18:24

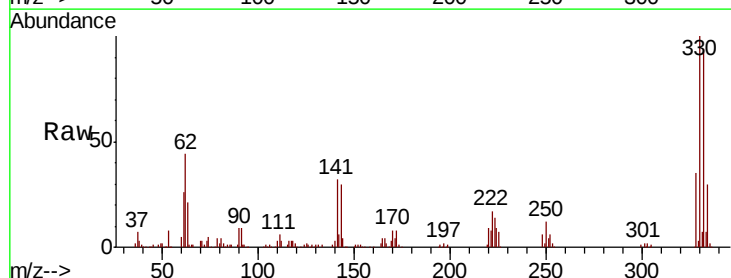
Tgt Ion:330 Resp: 290034

Ion Ratio Lower Upper

330 100

332 94.7 76.8 115.2

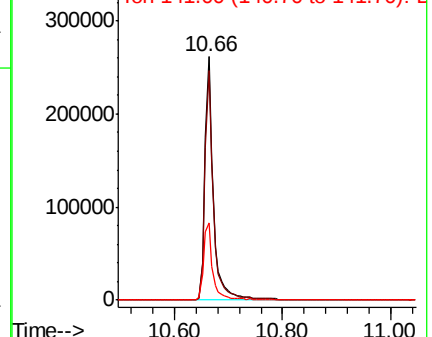
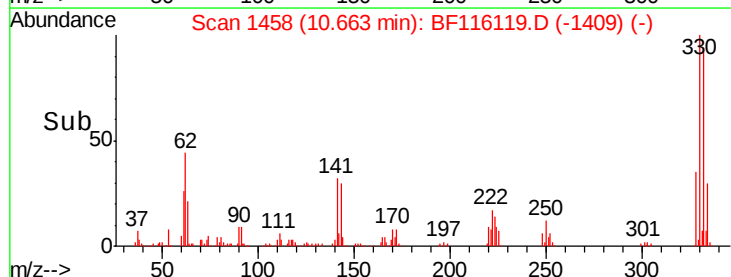
141 33.7 26.3 39.5



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



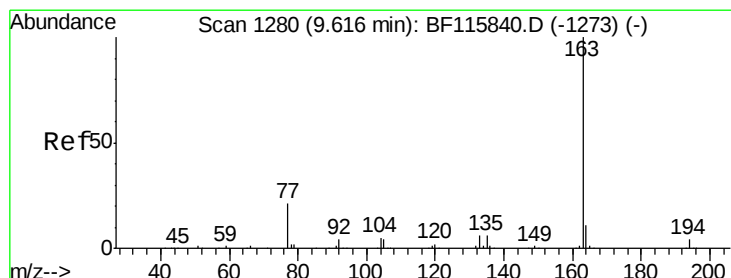
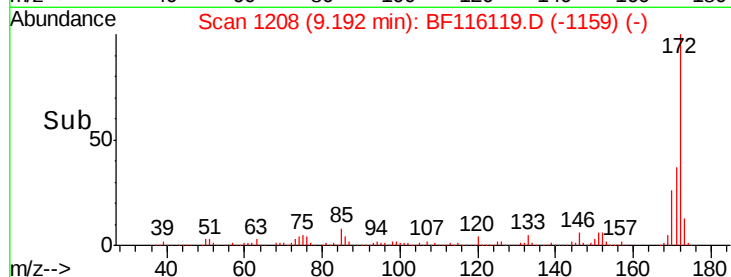
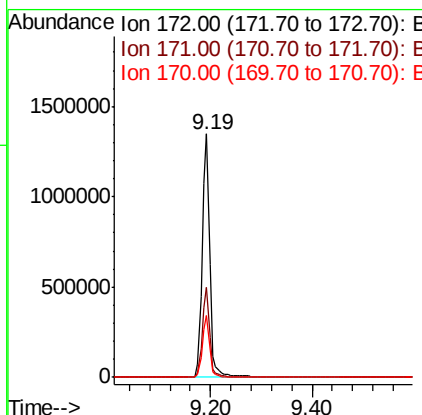
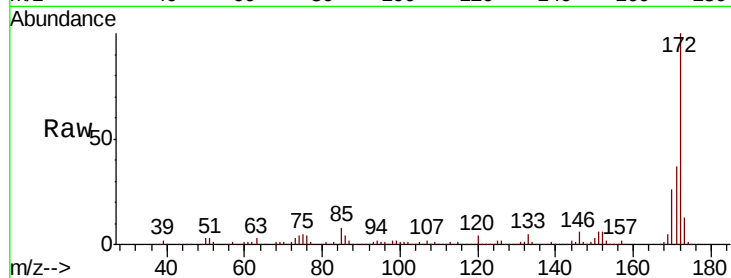


#45
 2-Fluorobiphenyl
 Concen: 99.032 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1397179

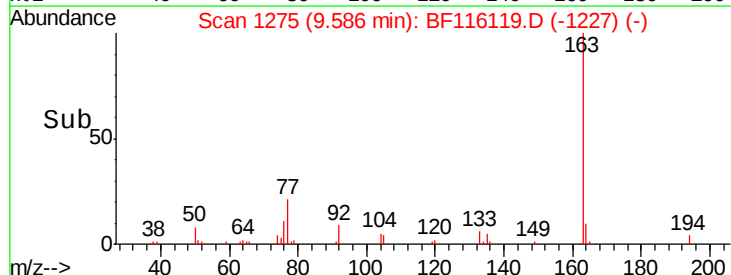
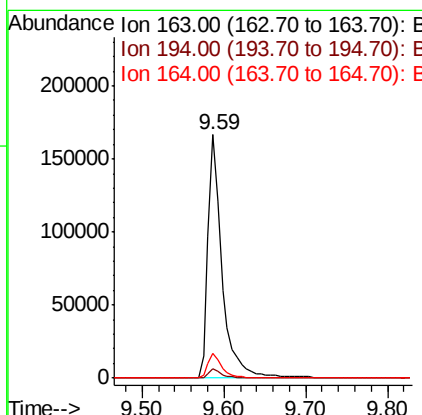
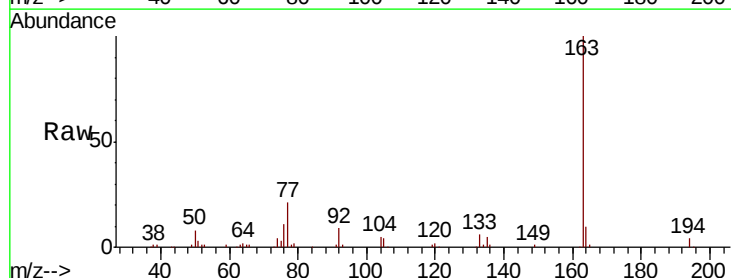
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.6	20.1	30.1

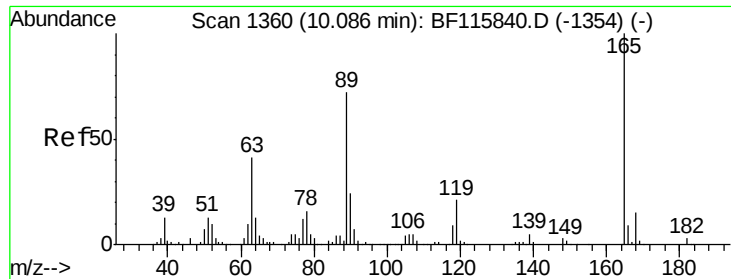


#50
 Dimethylphthalate
 Concen: 11.214 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Tgt Ion:163 Resp: 201783

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.4	12.6

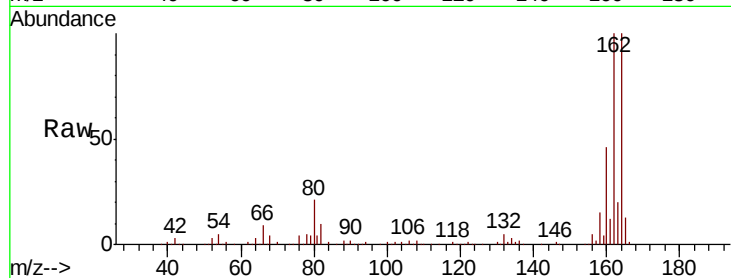




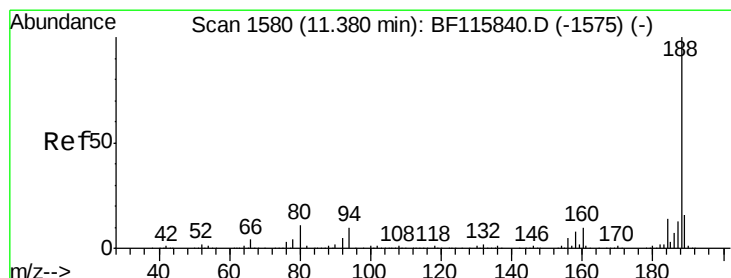
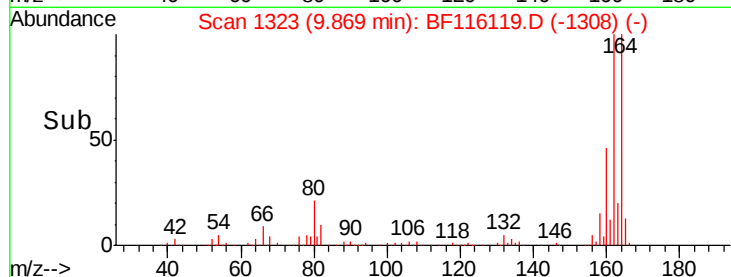
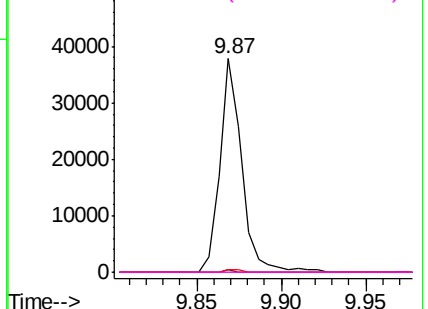
#57
 2,4-Dinitrotoluene
 Concen: 6.565 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#

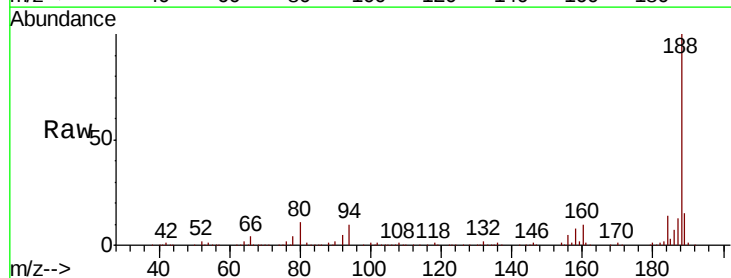


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

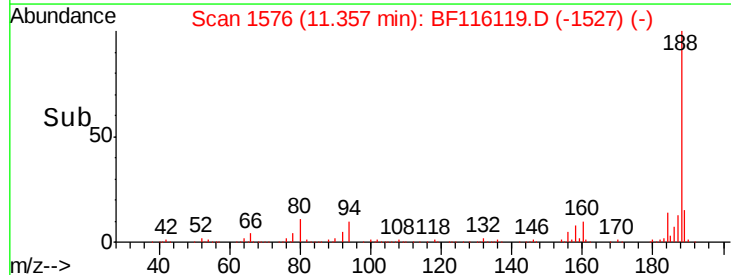
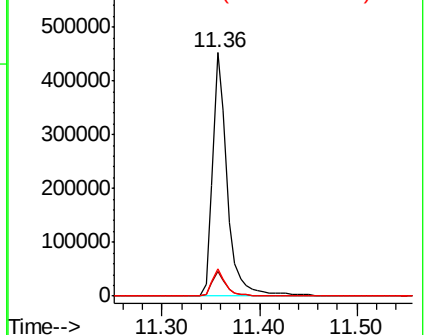


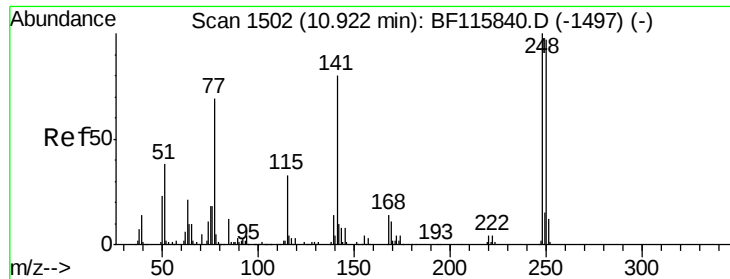
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.3	8.7	13.1



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

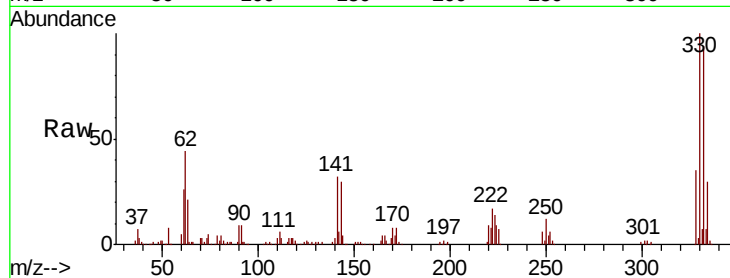




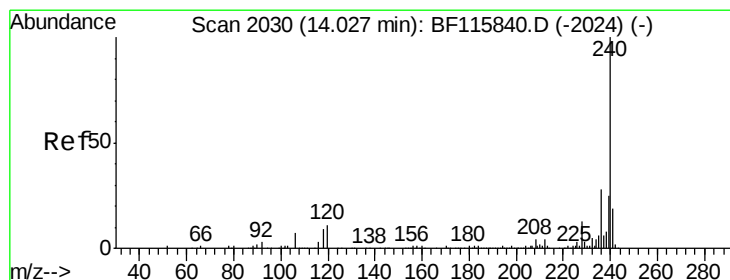
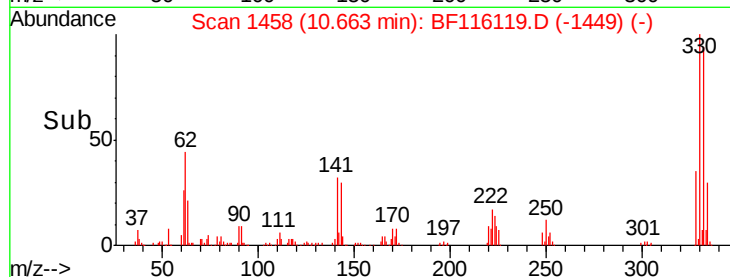
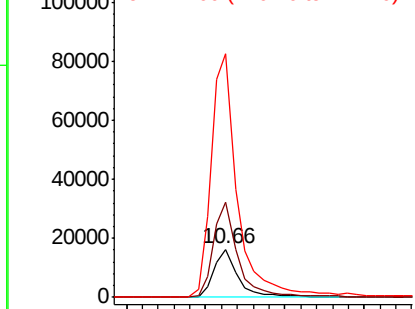
#67
4-Bromophenyl-phenylether
Concen: 3.434 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17449
Ion Ratio Lower Upper
248 100
250 195.8 77.4 116.2#
141 503.9 56.8 85.2#

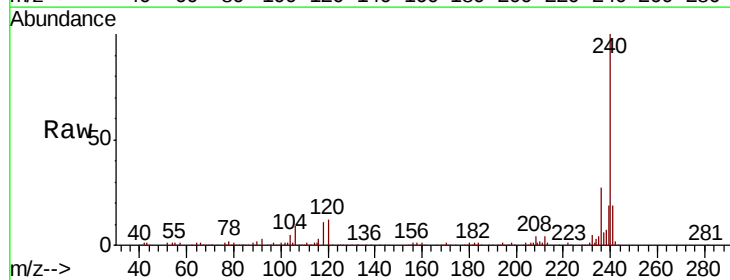


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

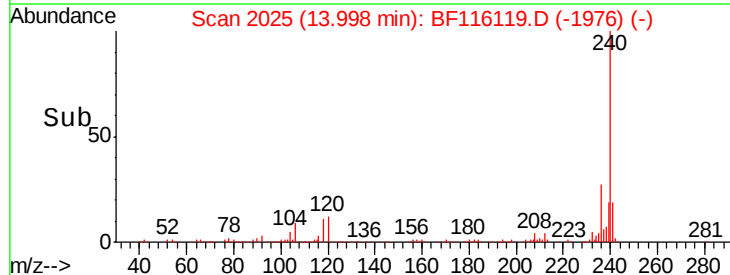
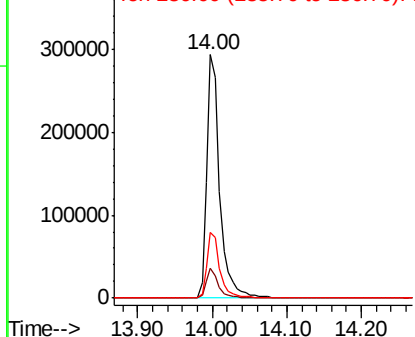


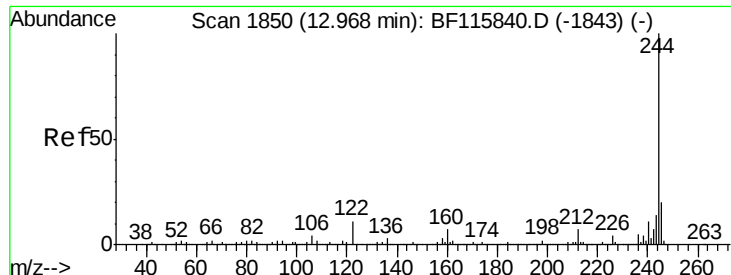
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116119.D
Acq: 9 Aug 2019 18:24

Tgt Ion:240 Resp: 353480
Ion Ratio Lower Upper
240 100
120 12.3 10.7 16.1
236 26.7 22.2 33.2



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

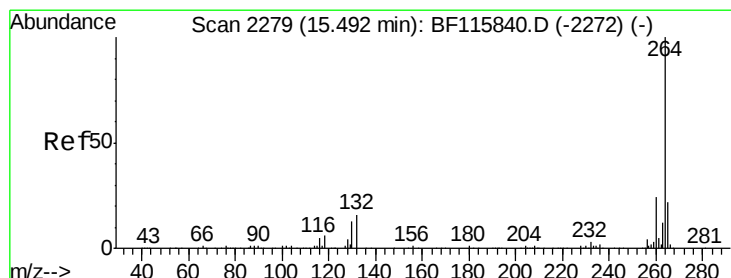
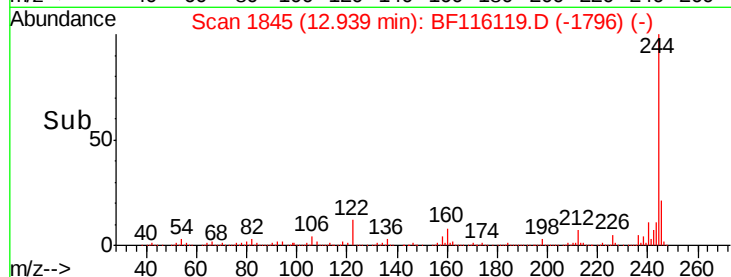
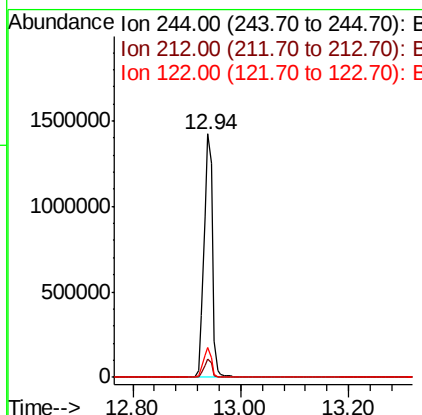
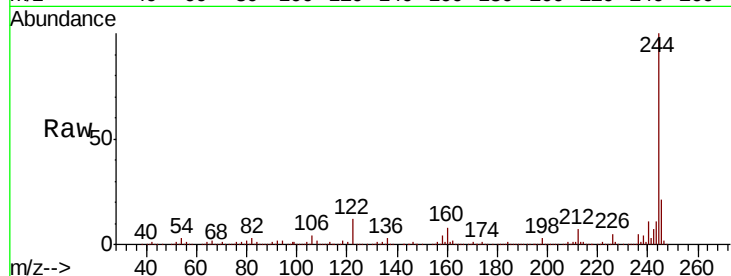




#79
 Terphenyl-d14
 Concen: 91.764 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1539346
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.1 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116119.D
 Acq: 9 Aug 2019 18:24

Tgt Ion:264 Resp: 332853
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.7 29.5
 265 21.2 17.4 26.0

