

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116123.D
 Acq On : 9 Aug 2019 20:12
 Operator : HP/JU
 Sample : K4244-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:35:51 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

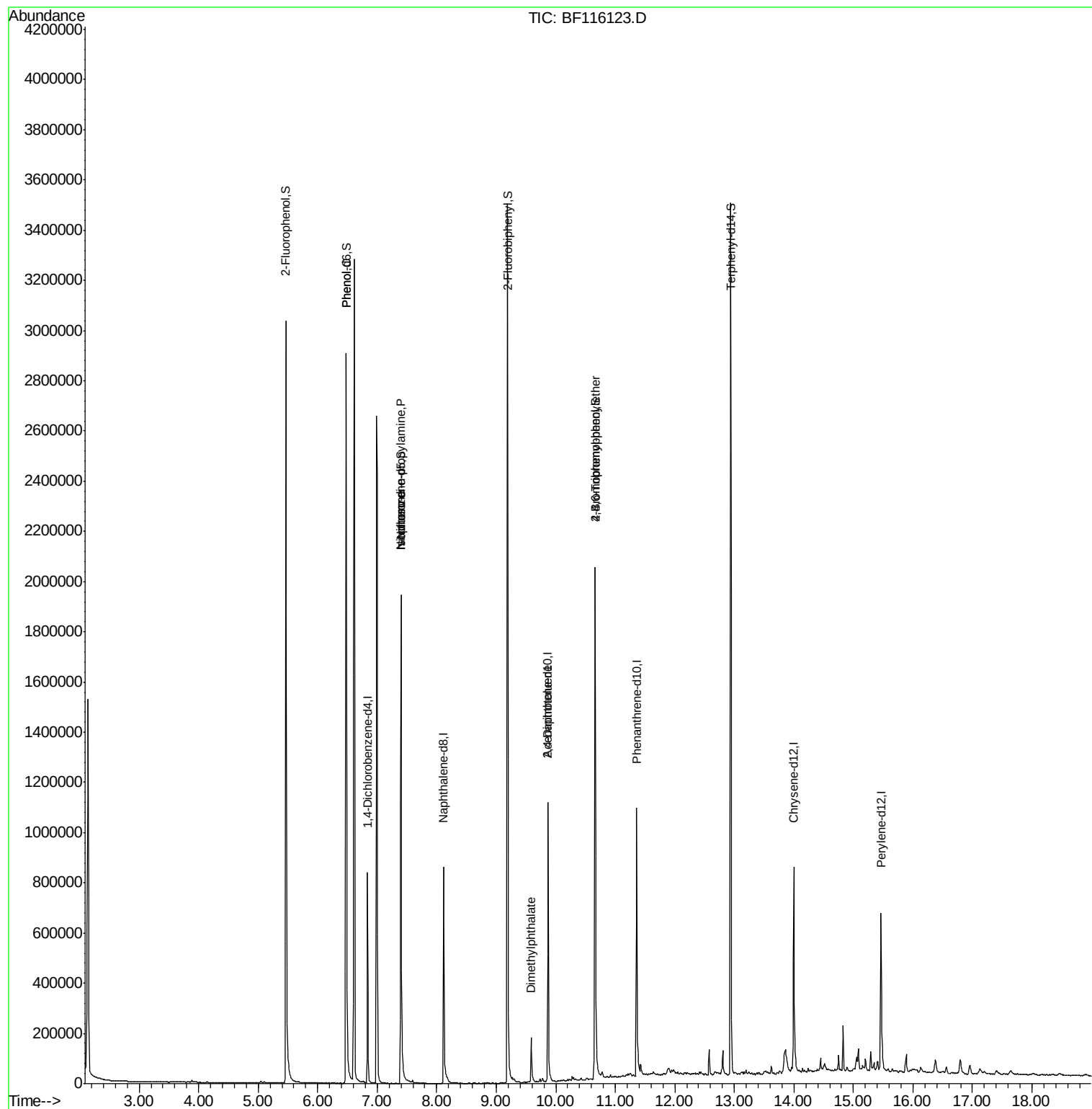
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	124102	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	474337	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	245496	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	423887	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	283844	20.00	ng	-0.01
87) Perylene-d12	15.46	264	310436	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	946337	127.66	ng	0.00
7) Phenol-d6	6.48	99	1227335	131.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	796869	96.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	298741	125.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1214119	92.63	ng	-0.01
79) Terphenyl-d14	12.94	244	1208223	89.69	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	59789	5.428	ng	91
19) n-Nitroso-di-n-propylamine	7.40	70	103373	17.836	ng	# 79
25) Isophorone	7.40	82	796865	50.714	ng	# 65
50) Dimethylphthalate	9.59	163	97305	5.821	ng	98
57) 2,4-Dinitrotoluene	9.87	165	31133	6.437	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	18243	4.020	ng	# 1

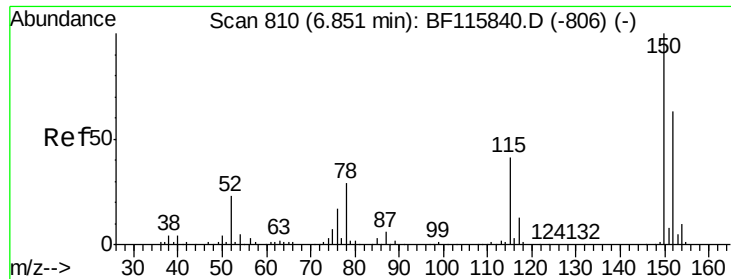
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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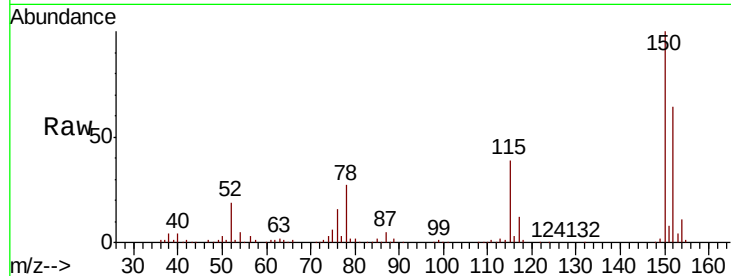




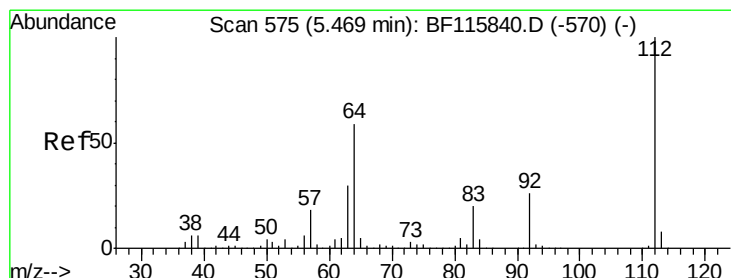
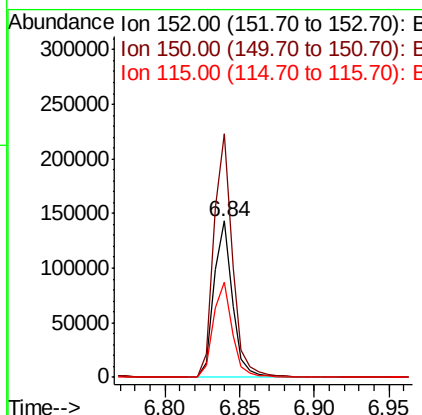
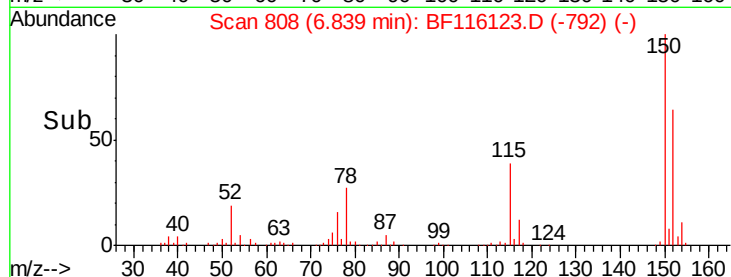
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 124102
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 61.0 49.9 74.9

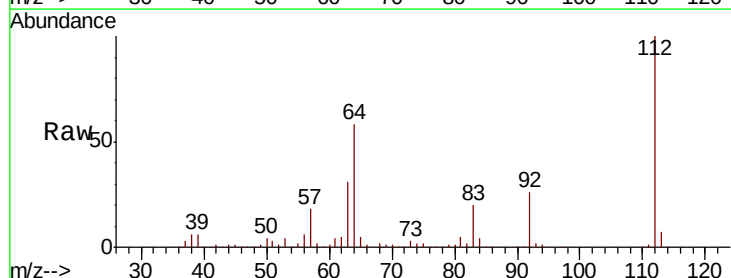


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

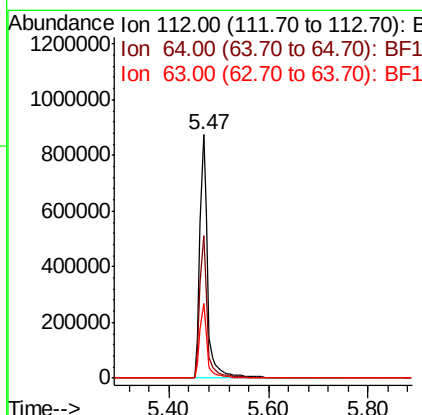
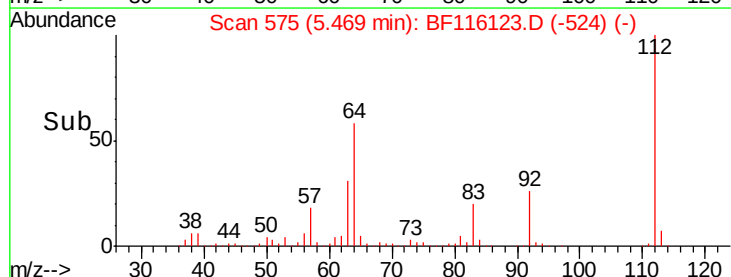


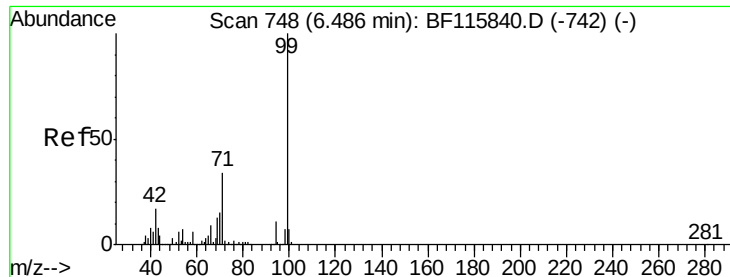
#5
 2-Fluorophenol
 Concen: 127.655 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Tgt Ion:112 Resp: 946337
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.4 68.2
 63 30.6 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: 131.222 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

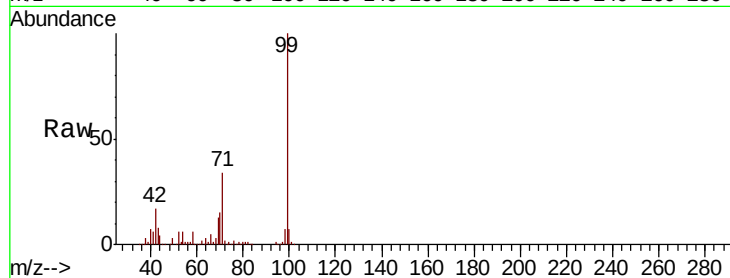
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1227335

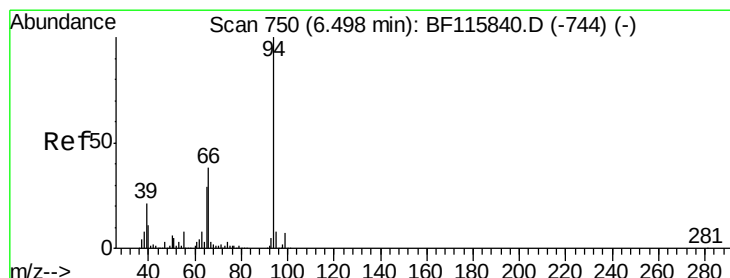
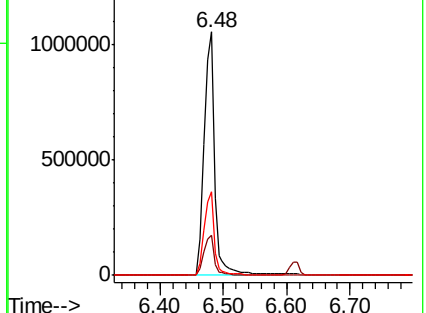
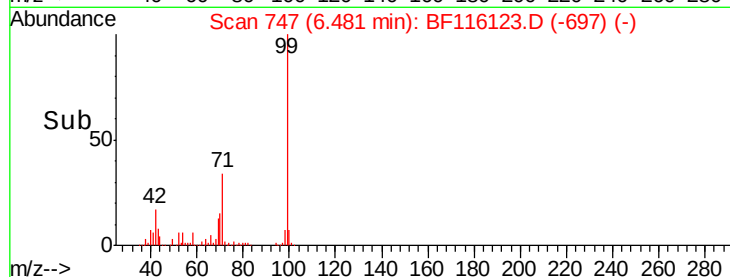
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.8
71	34.4	27.3	40.9



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: 5.428 ng

RT: 6.49 min Scan# 748

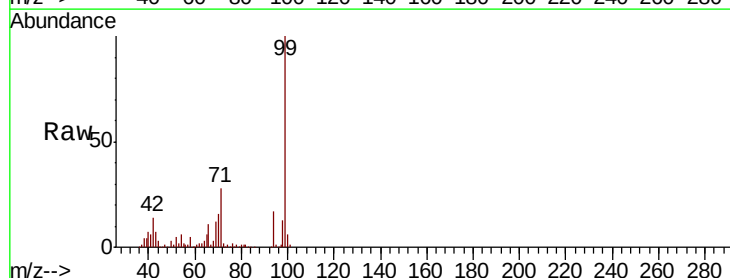
Delta R.T. -0.02 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

Tgt Ion: 94 Resp: 59789

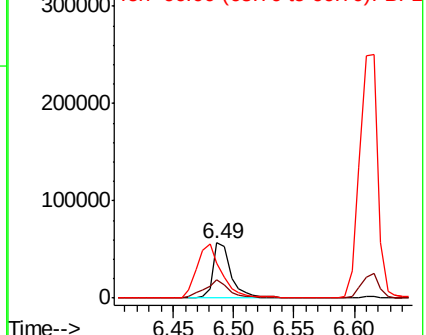
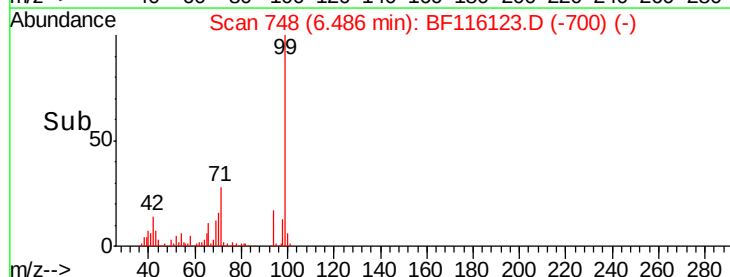
Ion	Ratio	Lower	Upper
94	100		
65	34.1	16.8	56.8
66	63.0	34.2	74.2

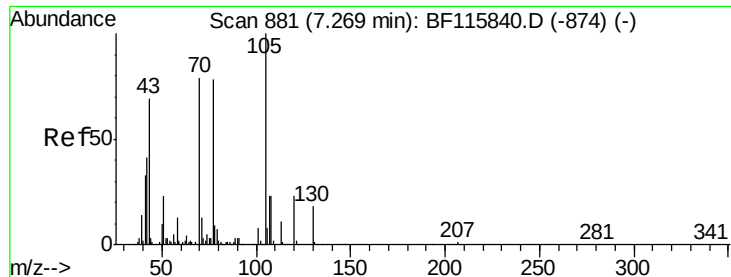


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

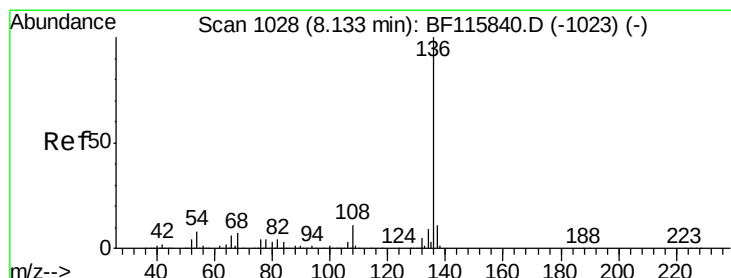
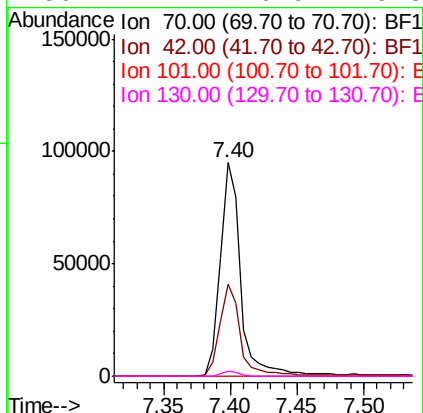
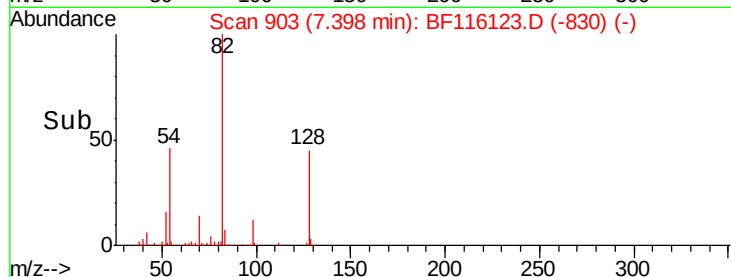
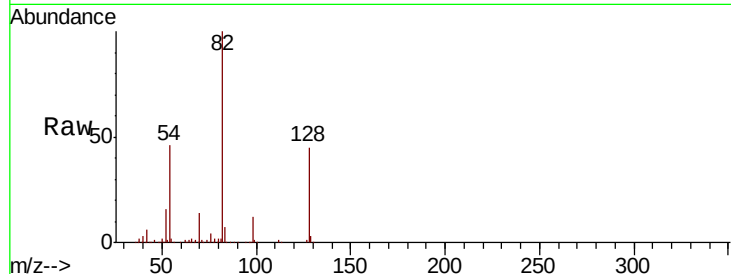




#19
n-Nitroso-di-n-propylamine
Concen: 17.836 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

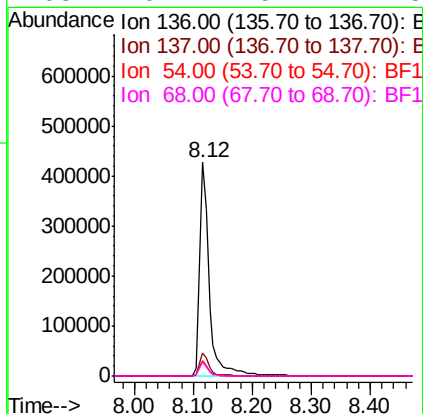
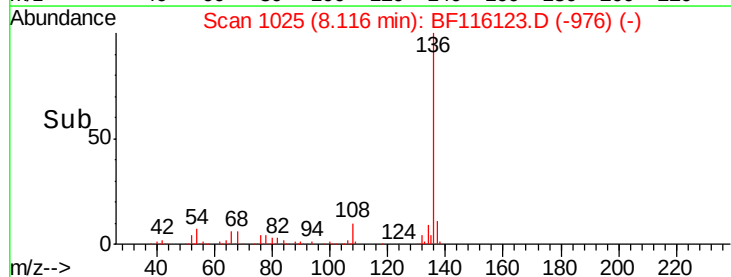
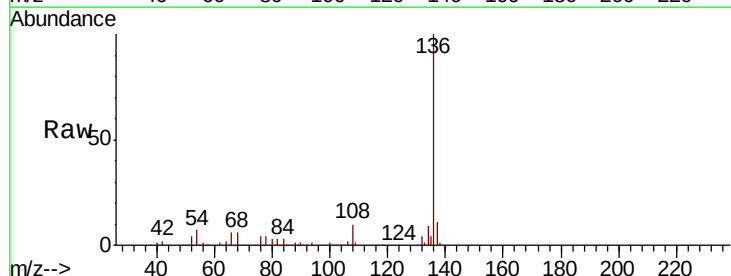
Instrument :
BNA_F
ClientSampled :

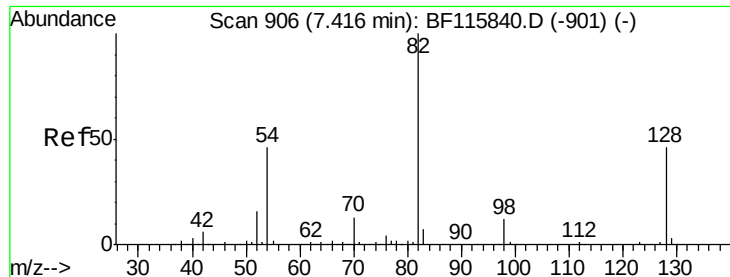
Tot Ion: 70 Resp: 103373
Ion Ratio Lower Upper
70 100
42 43.2 40.9 61.3
101 0.0 7.9 11.9#
130 2.1 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

Tgt Ion: 136 Resp: 474337
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.3 5.8 8.6
68 6.4 5.2 7.8

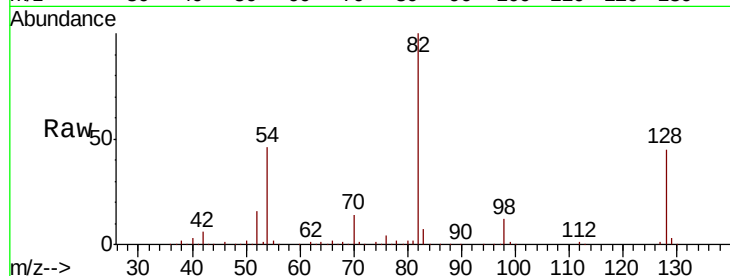




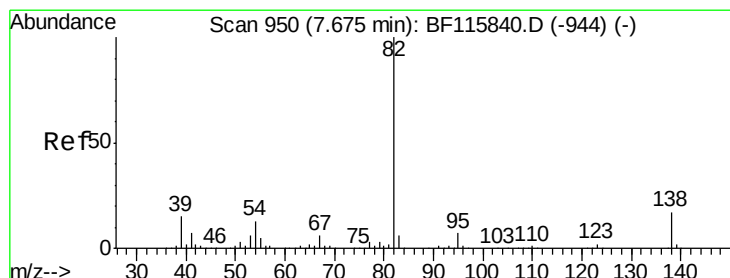
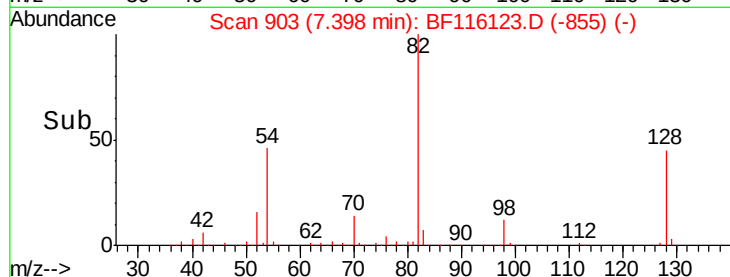
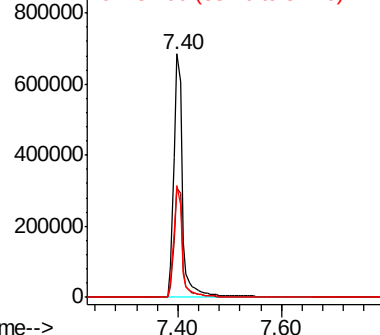
#23
Nitrobenzene-d5
Concen: 96.973 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 796869
Ion Ratio Lower Upper
82 100
128 44.6 36.5 54.7
54 45.7 36.0 54.0

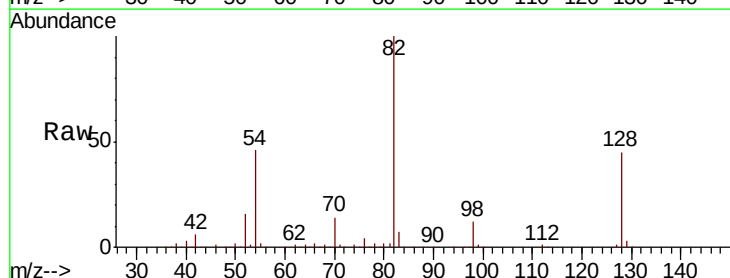


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

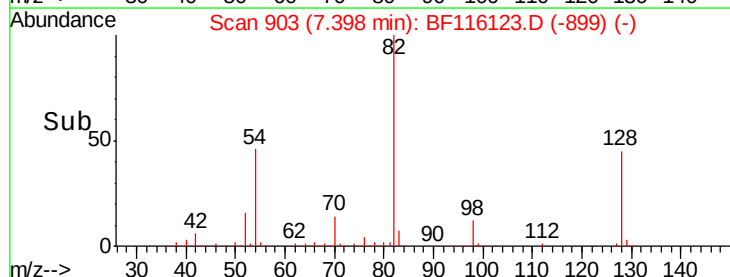
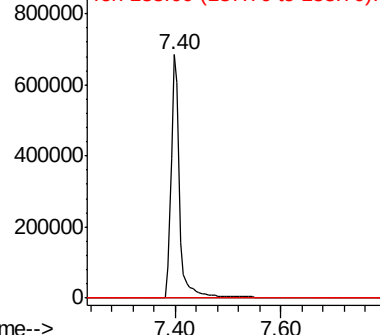


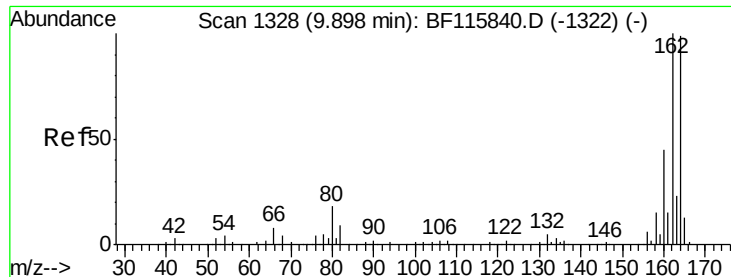
#25
Isophorone
Concen: 50.714 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

Tgt Ion: 82 Resp: 796865
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

Instrument :

BNA_F

ClientSampleId :

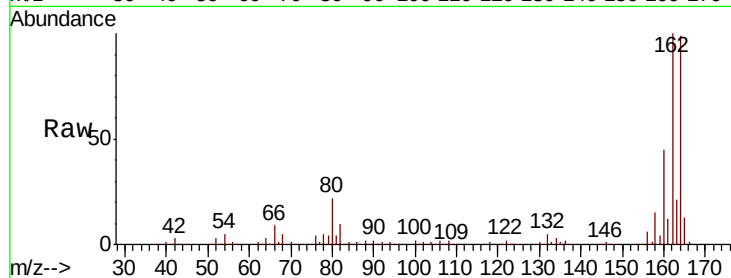
Tot Ion:164 Resp: 245496

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

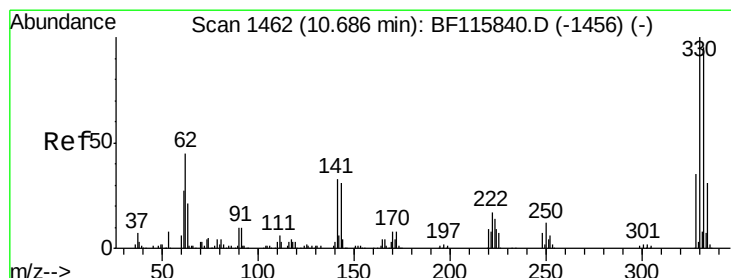
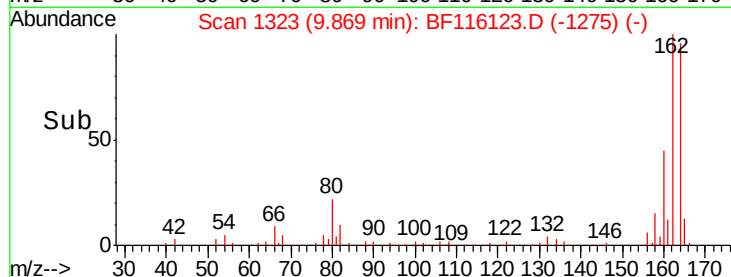
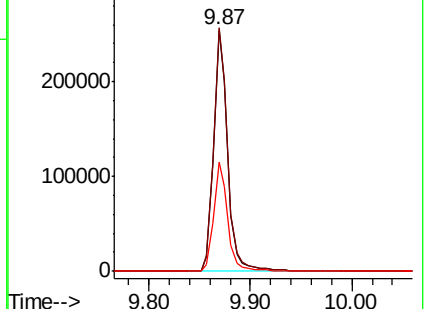
160 45.4 37.6 56.4



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: 125.513 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

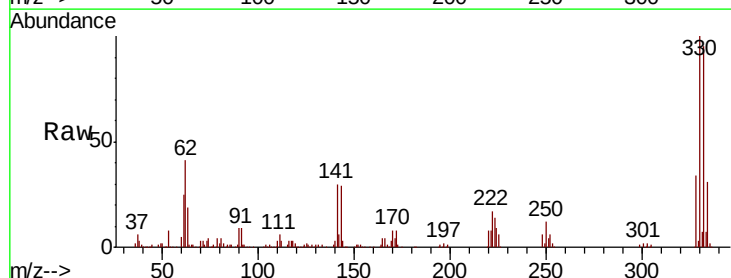
Tgt Ion:330 Resp: 298741

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

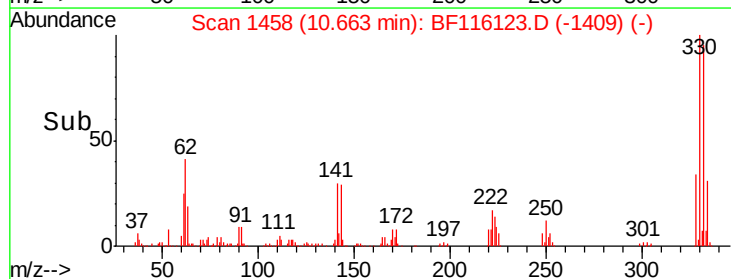
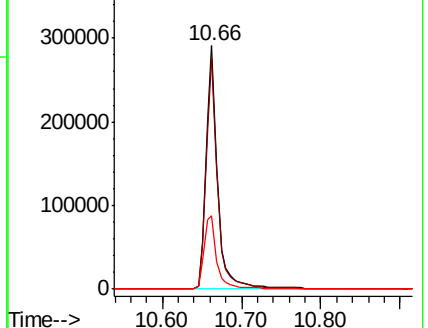
141 33.9 26.3 39.5

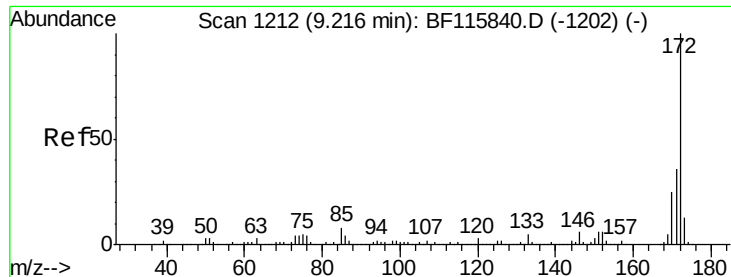


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

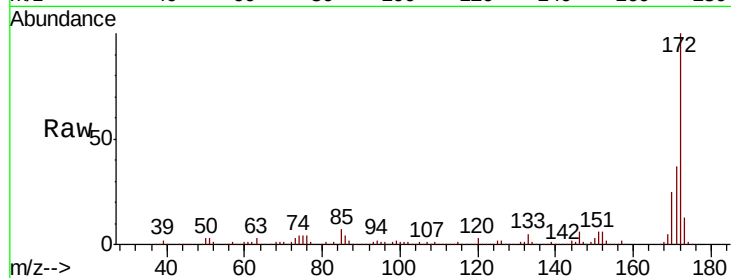




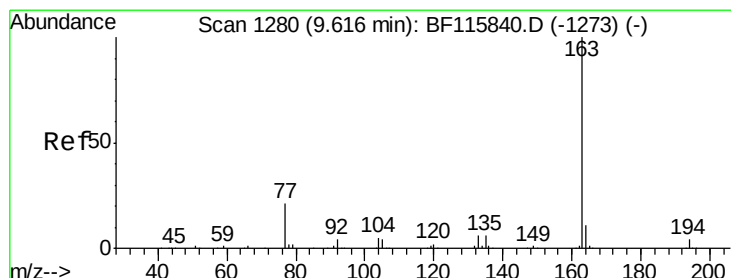
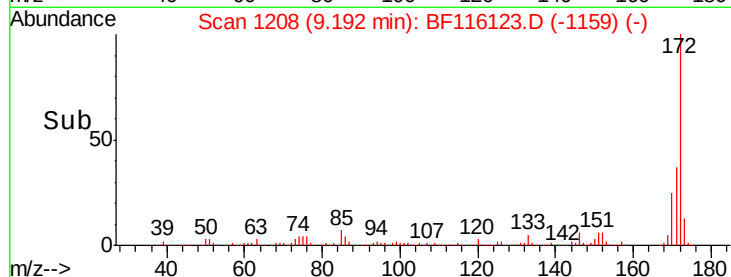
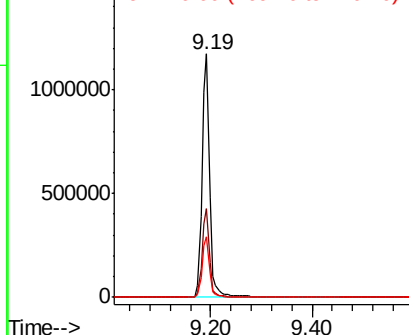
#45
2-Fluorobiphenyl
Concen: 92.634 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1214119
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 25.0 20.1 30.1

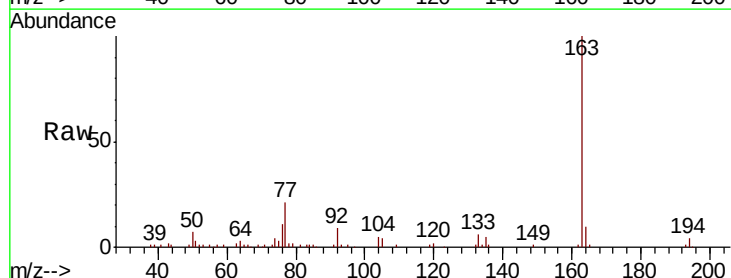


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

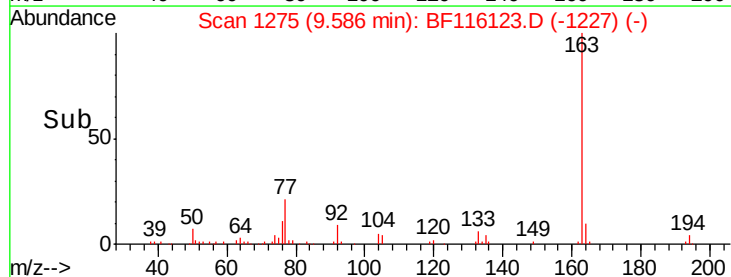
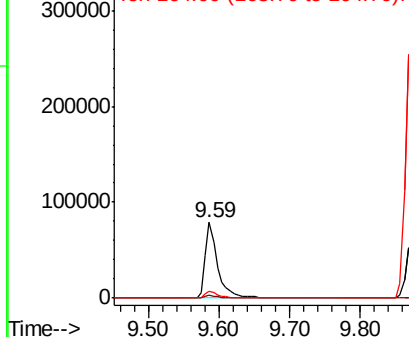


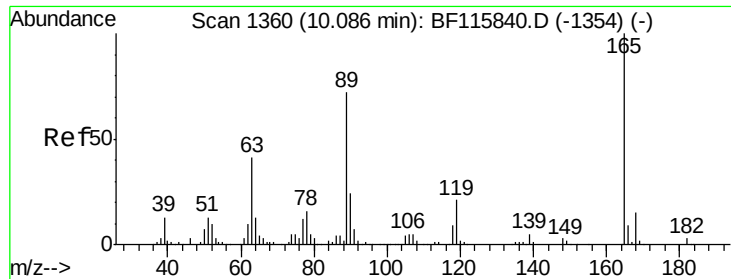
#50
Dimethylphthalate
Concen: 5.821 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116123.D
Acq: 9 Aug 2019 20:12

Tgt Ion:163 Resp: 97305
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.7 8.4 12.6



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: 6.437 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116123.D

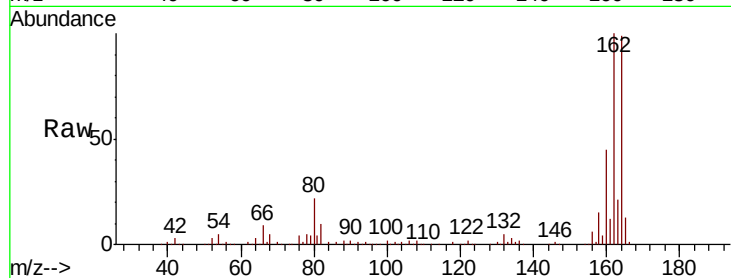
Acq: 9 Aug 2019 20:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	31133
Ion Ratio	Lower	Upper
165	100	
63	1.5	39.6 59.4#
89	1.8	62.2 93.2#
182	0.0	2.1 3.1#

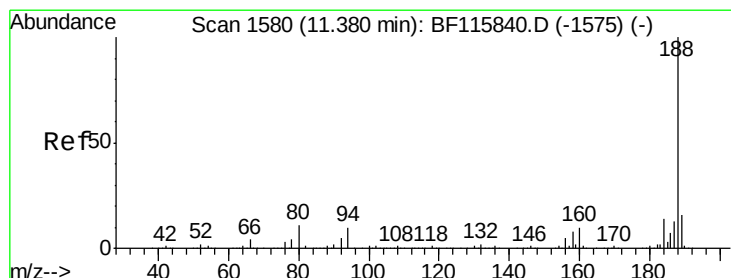
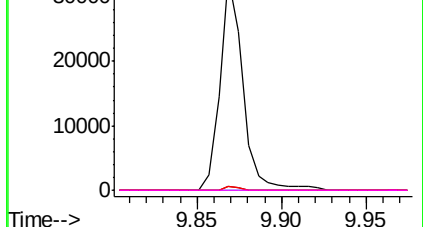
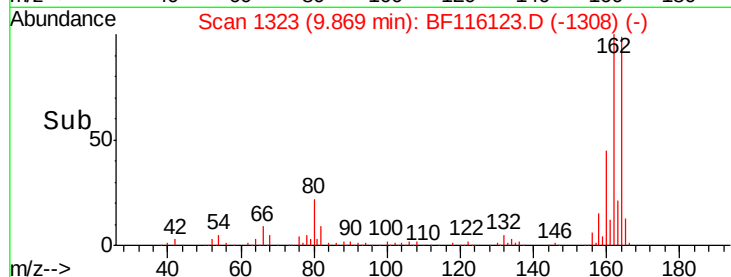


Abundance Ion 165.00 (164.70 to 165.70): E

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

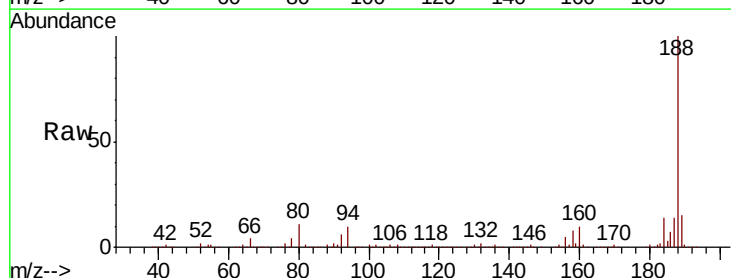
RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116123.D

Acq: 9 Aug 2019 20:12

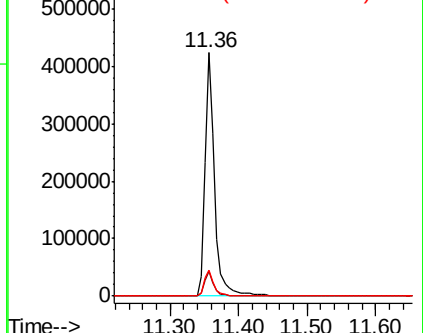
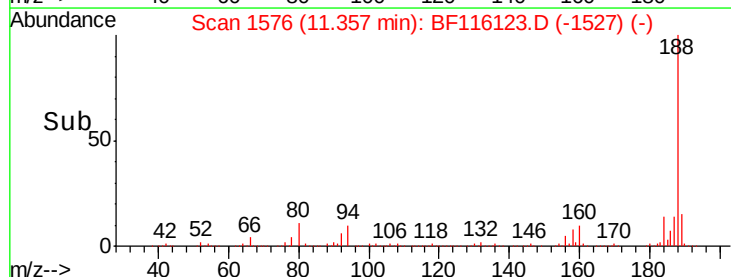
Tgt Ion:188	Resp:	423887
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.1 12.1
80	10.9	8.7 13.1

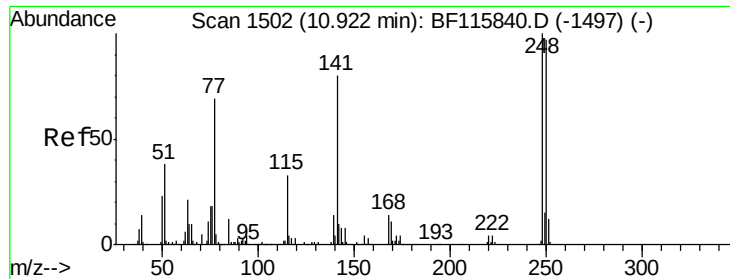


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

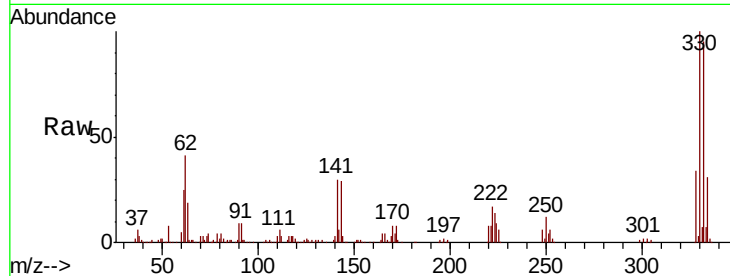




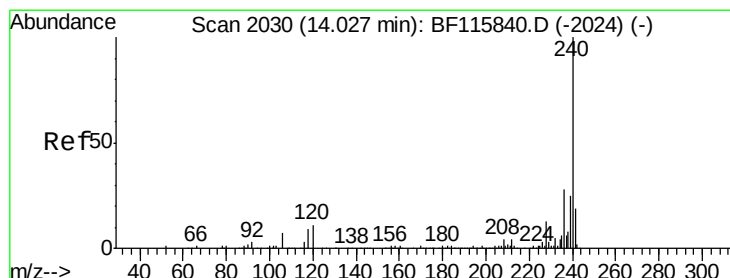
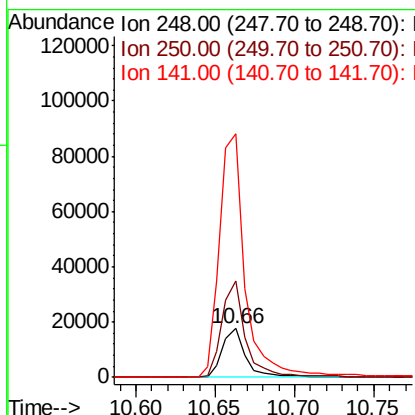
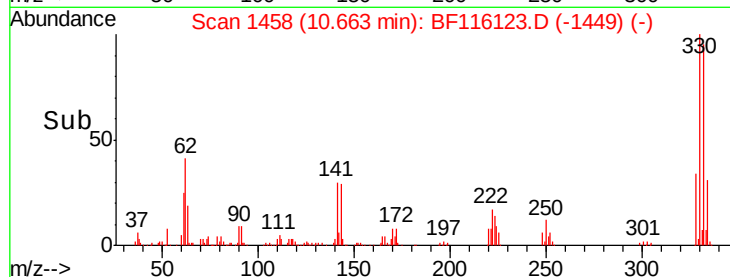
#67
 4-Bromophenyl-phenylether
 Concen: 4.020 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 18243
 Ion Ratio Lower Upper
 248 100
 250 198.6 77.4 116.2#
 141 498.2 56.8 85.2#

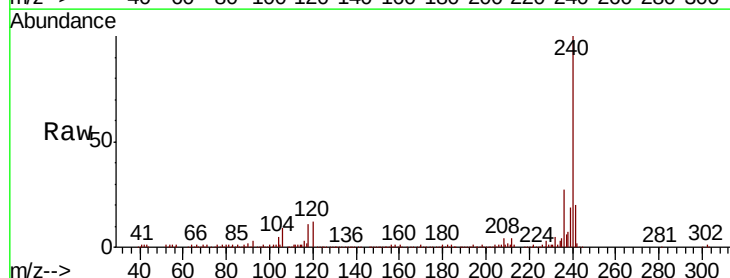


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

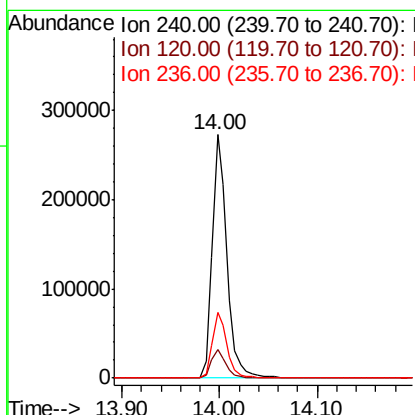
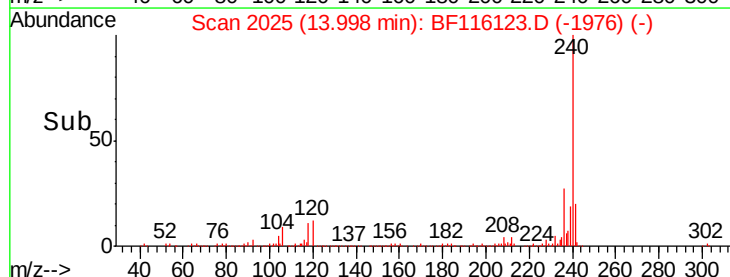


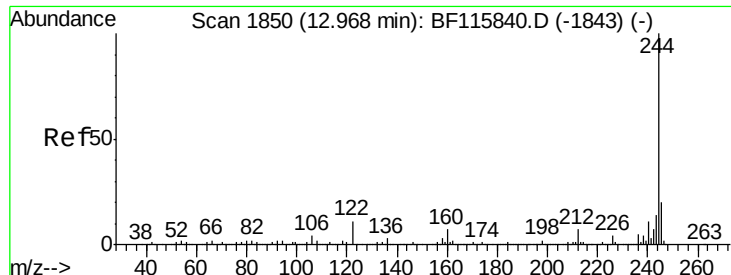
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Tgt Ion:240 Resp: 283844
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.7 16.1
 236 26.9 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



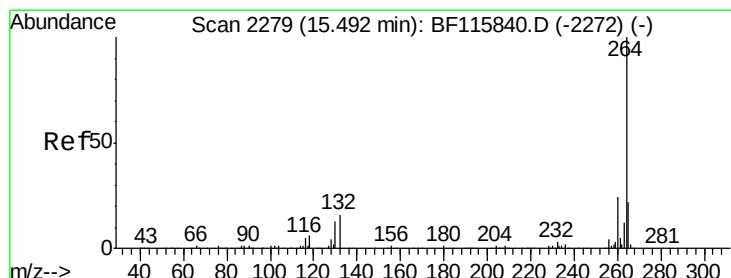
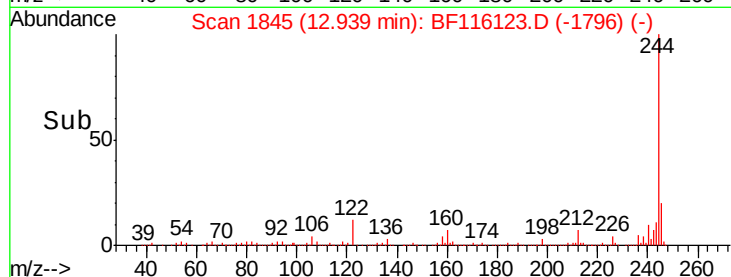
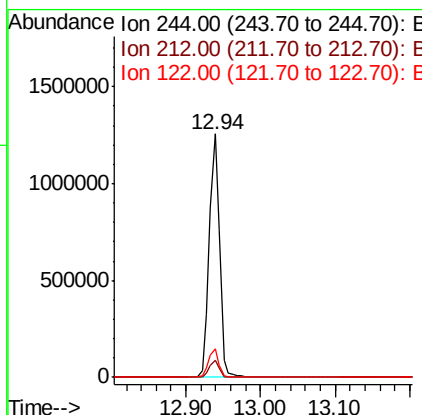
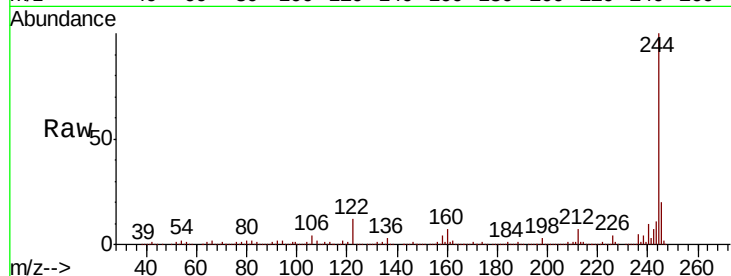


#79
 Terphenyl-d14
 Concen: 89.695 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1208223

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.9	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116123.D
 Acq: 9 Aug 2019 20:12

Tgt Ion:264 Resp: 310436

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.9	17.4	26.0

