

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116121.D
 Acq On : 9 Aug 2019 19:18
 Operator : HP/JU
 Sample : K4254-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:35:09 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

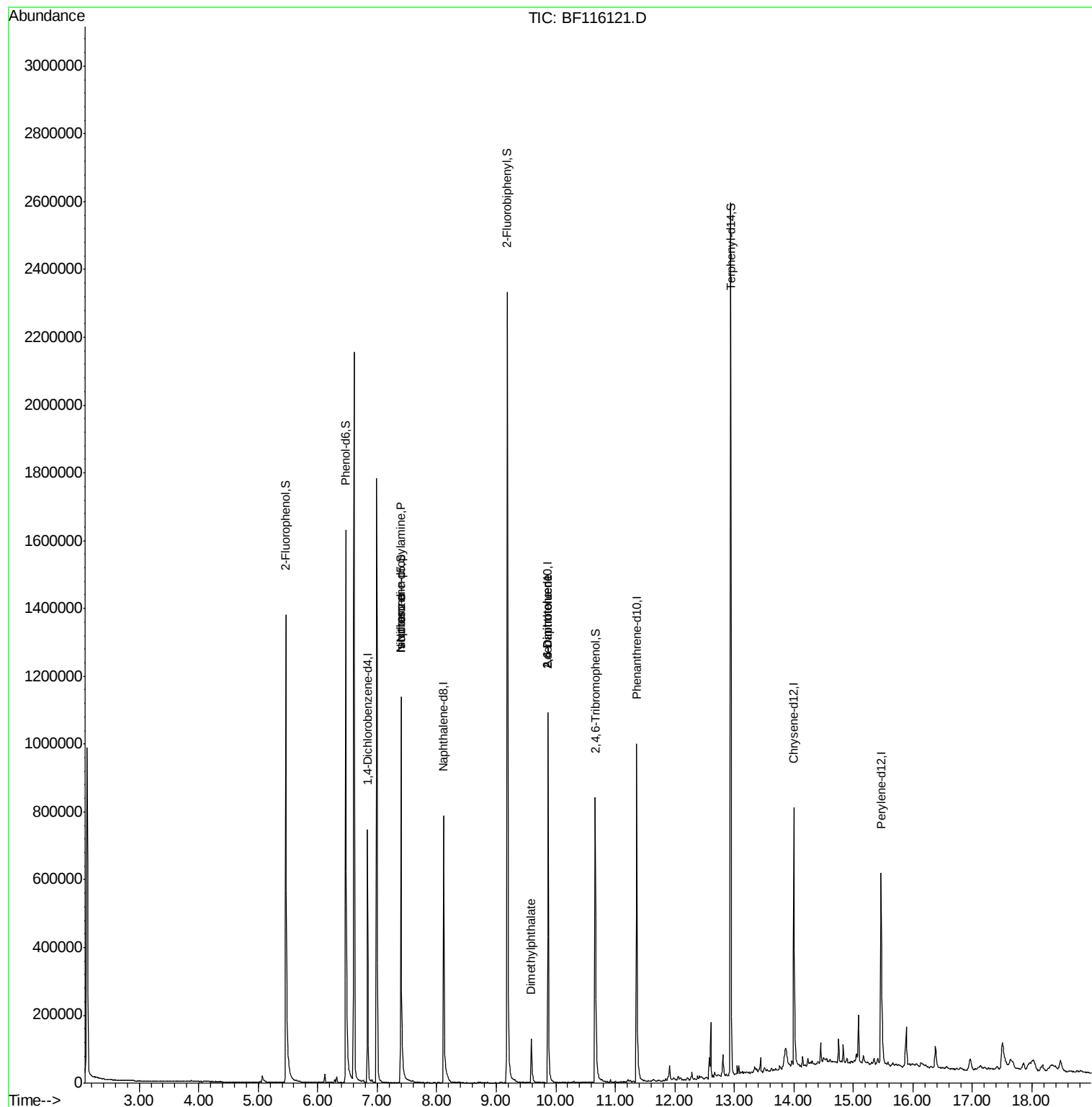
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	117461	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	460729	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241291	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	424679	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	293648	20.00	ng	0.00
87) Perylene-d12	15.46	264	299880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	512604	73.06	ng	0.00
7) Phenol-d6	6.47	99	702566	79.36	ng	-0.01
23) Nitrobenzene-d5	7.40	82	459406	57.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	135376	57.87	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	866051	67.23	ng	-0.01
79) Terphenyl-d14	12.94	244	896136	64.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	58153	10.601	ng	# 80
25) Isophorone	7.40	82	459403	30.101	ng	# 65
50) Dimethylphthalate	9.59	163	85921	5.230	ng	99
51) 2,6-Dinitrotoluene	9.87	165	30088	8.427	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	30088	6.329	ng	# 20

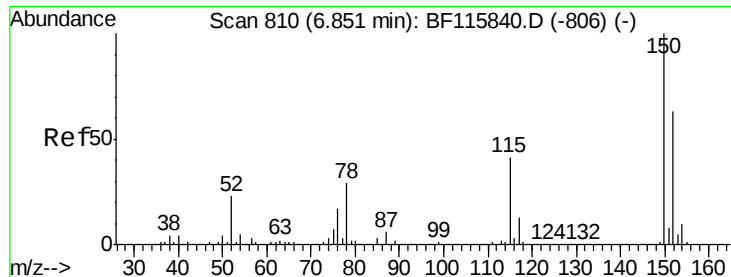
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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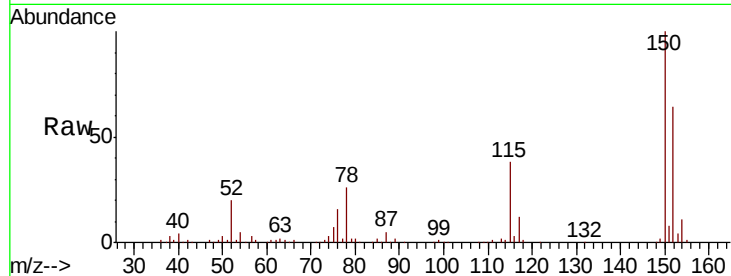


#1

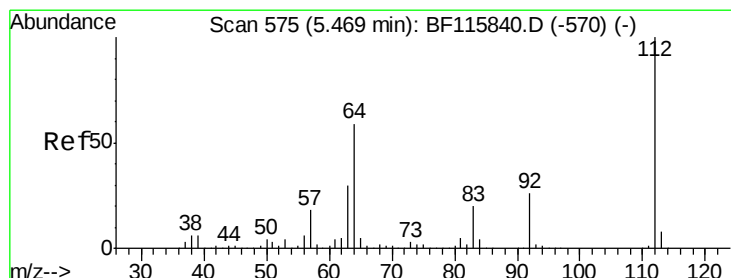
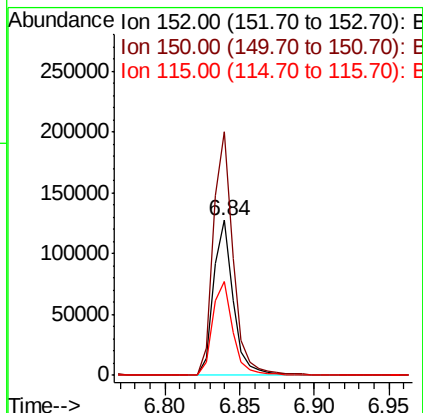
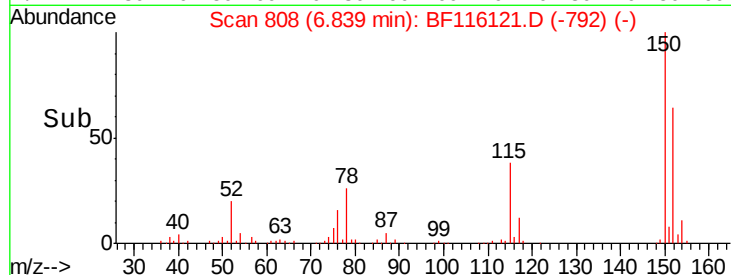
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116121.D
Acq: 9 Aug 2019 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117461
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 60.5 49.9 74.9



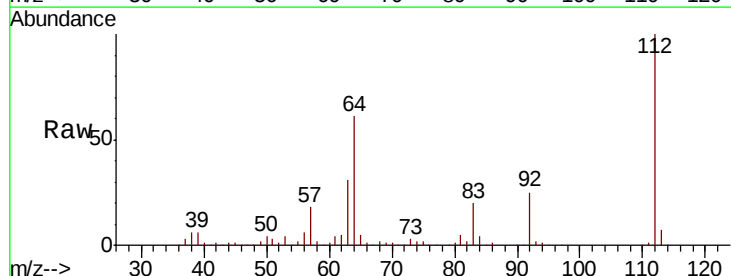
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



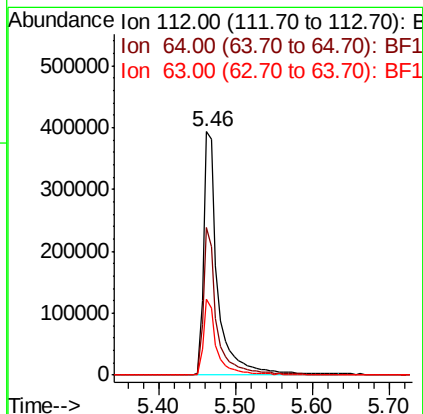
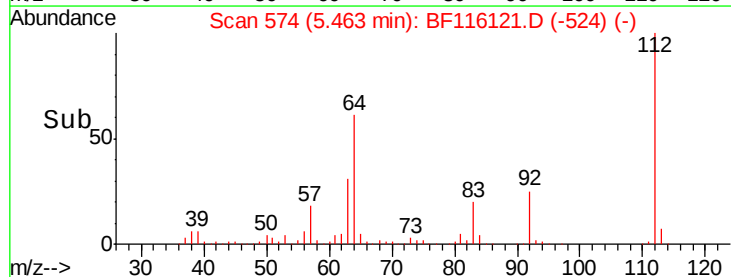
#5

2-Fluorophenol
Concen: 73.057 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116121.D
Acq: 9 Aug 2019 19:18

Tgt Ion:112 Resp: 512604
Ion Ratio Lower Upper
112 100
64 60.7 45.4 68.2
63 31.1 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: 79.363 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

Instrument :

BNA_F

ClientSampleId :

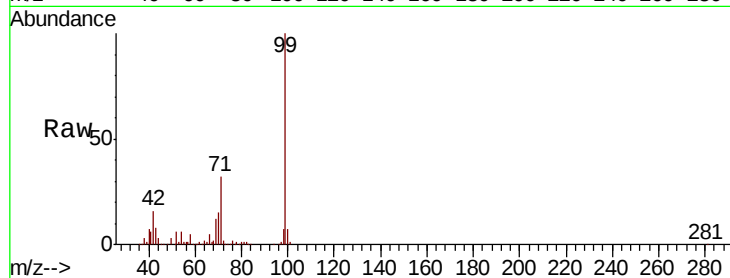
Tot Ion: 99 Resp: 702566

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.8

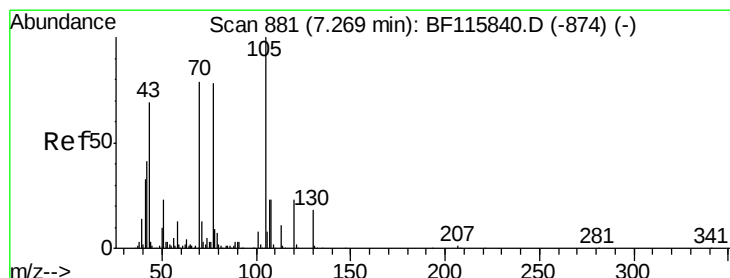
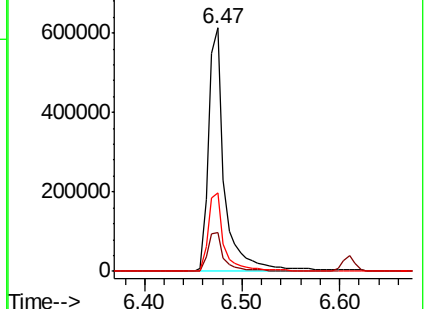
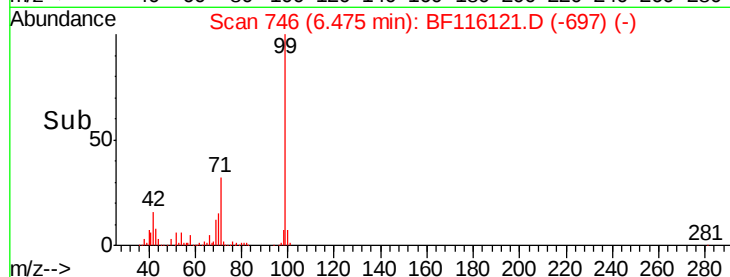
71 32.0 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.601 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

Tgt Ion: 70 Resp: 58153

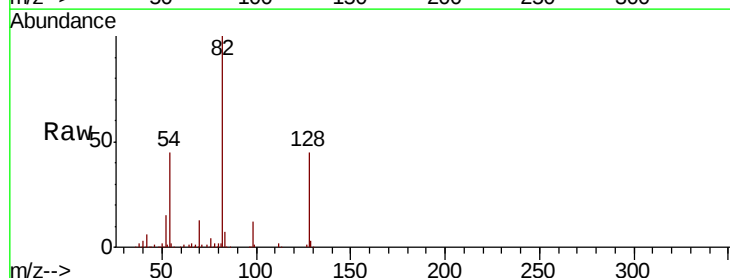
Ion Ratio Lower Upper

70 100

42 43.8 40.9 61.3

101 0.0 7.9 11.9#

130 2.5 16.9 25.3#

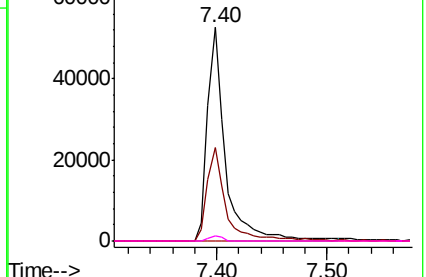
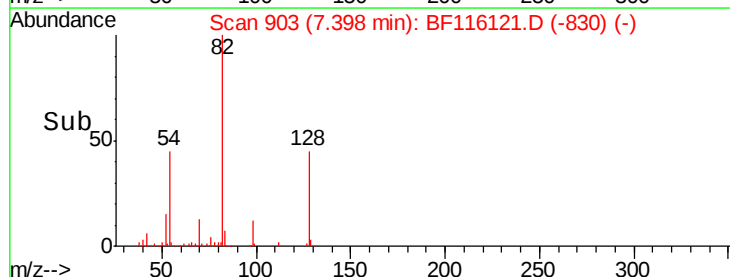


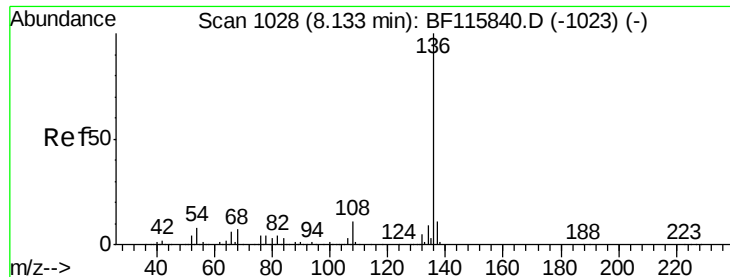
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 460729

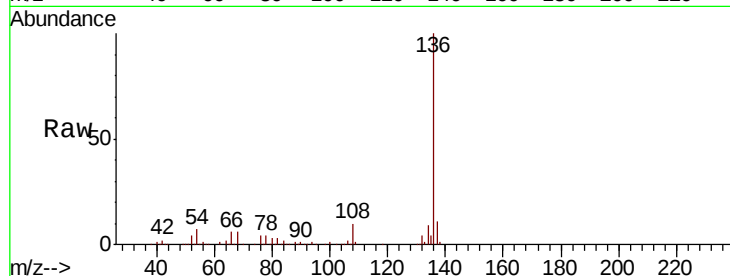
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.8 8.6

68 6.3 5.2 7.8

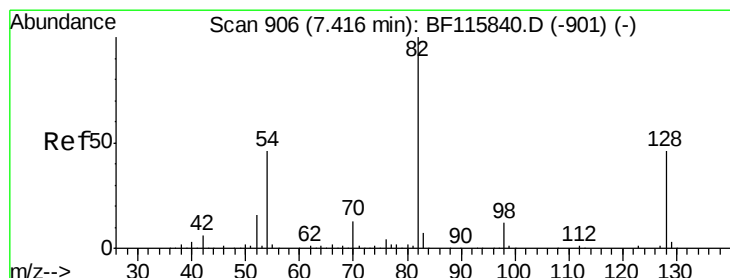
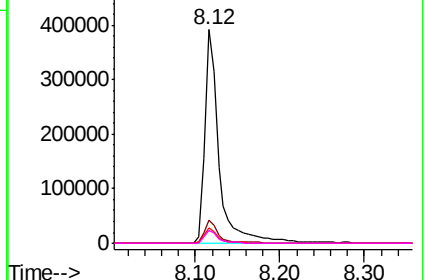
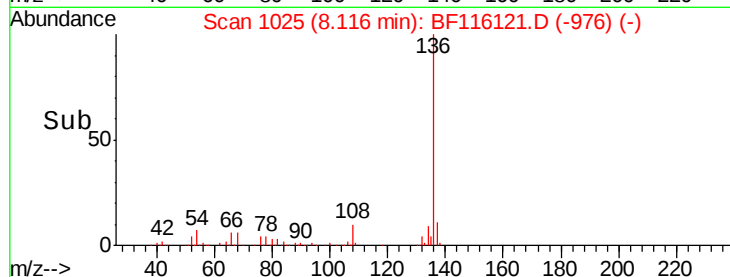


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 57.557 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

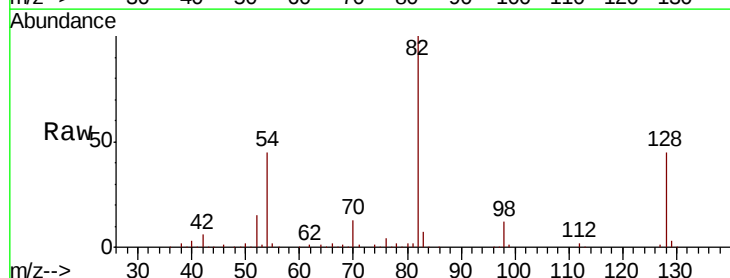
Tgt Ion: 82 Resp: 459406

Ion Ratio Lower Upper

82 100

128 44.7 36.5 54.7

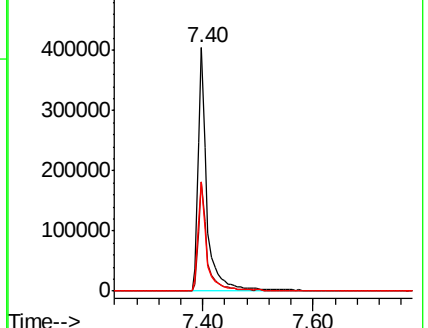
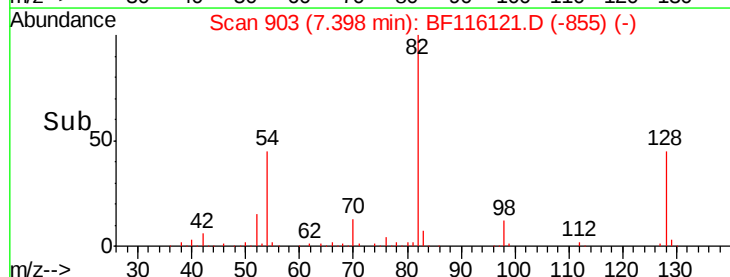
54 44.8 36.0 54.0

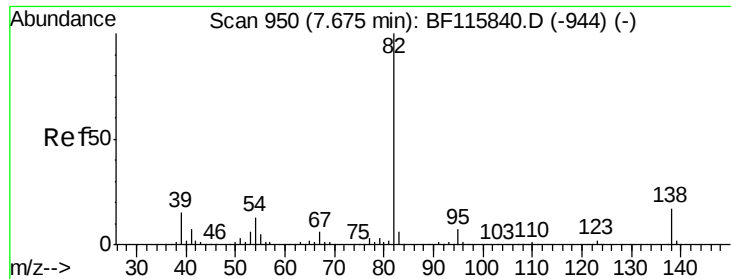


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

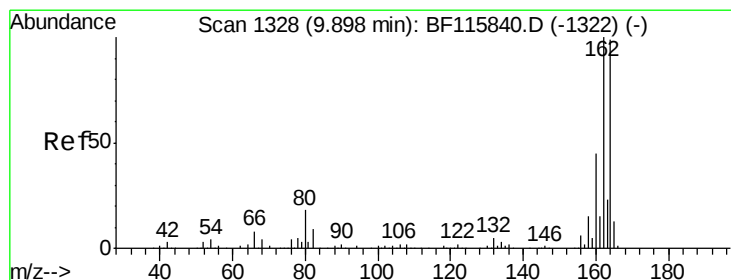
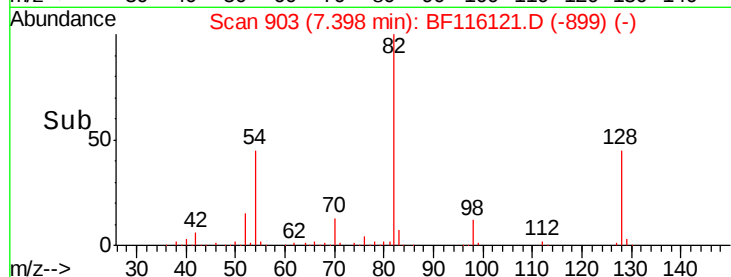
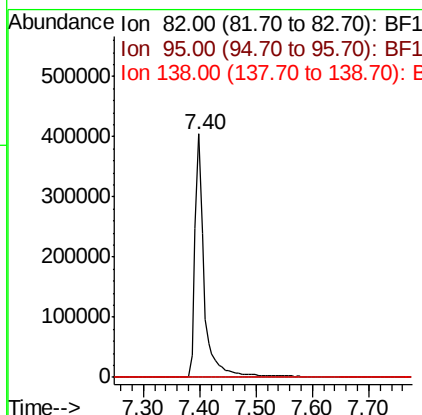
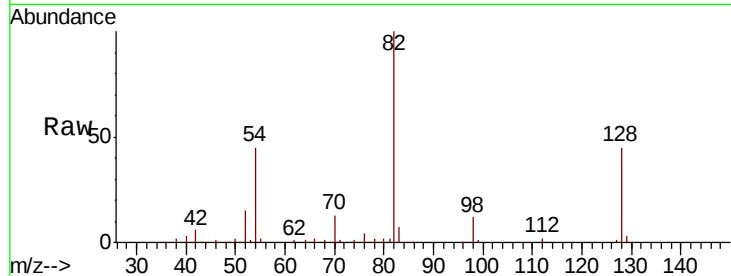




#25
Isophorone
Concen: 30.101 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116121.D
Acq: 9 Aug 2019 19:18

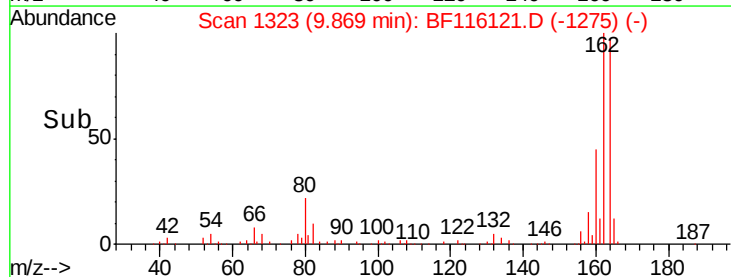
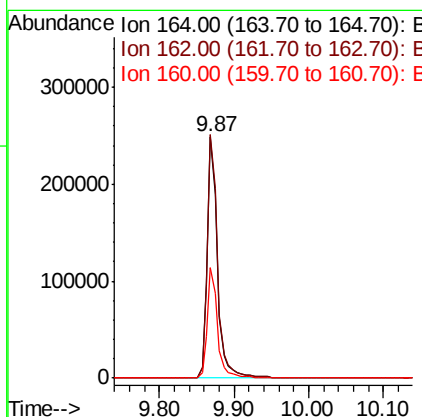
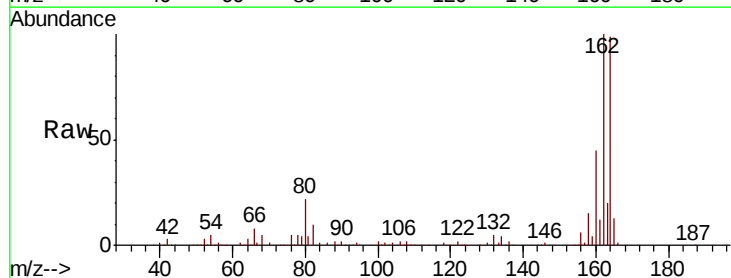
Instrument :
BNA_F
ClientSampleId :

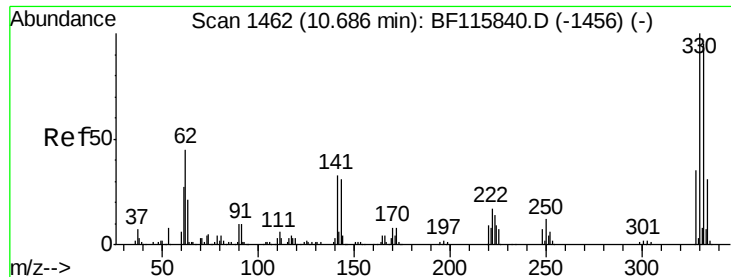
Tot Ion: 82 Resp: 459403
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116121.D
Acq: 9 Aug 2019 19:18

Tgt Ion: 164 Resp: 241291
Ion Ratio Lower Upper
164 100
162 100.8 82.6 124.0
160 45.7 37.6 56.4

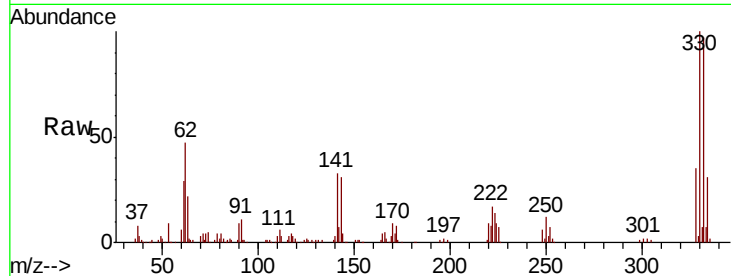




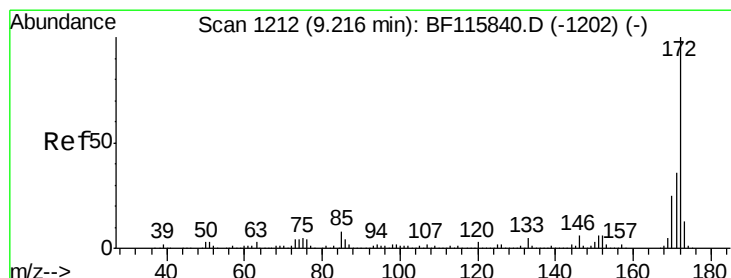
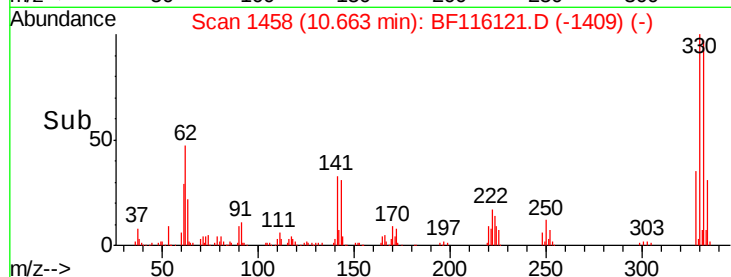
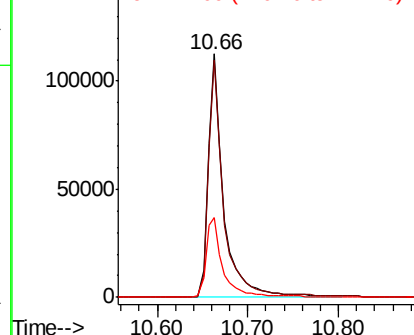
#42
 2,4,6-Tribromophenol
 Concen: 57.868 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.8	115.2
141	35.9	26.3	39.5

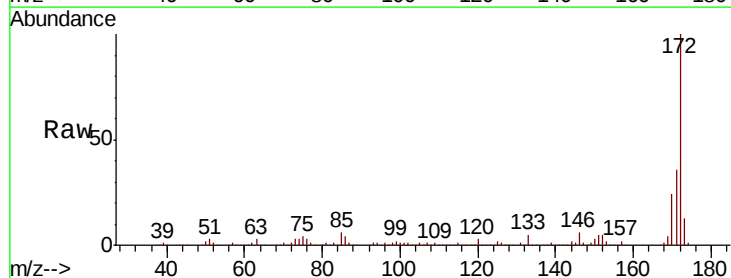


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

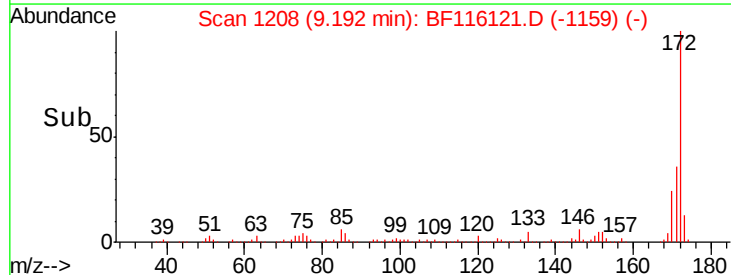
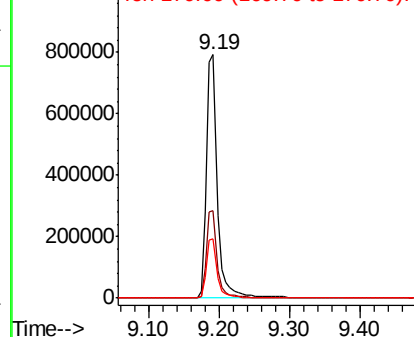


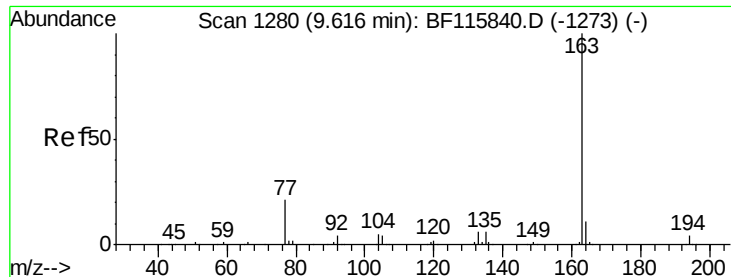
#45
 2-Fluorobiphenyl
 Concen: 67.229 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	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

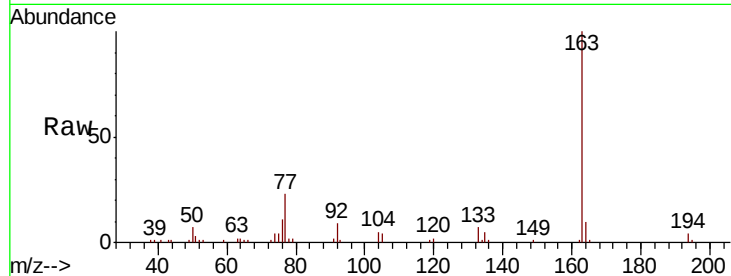




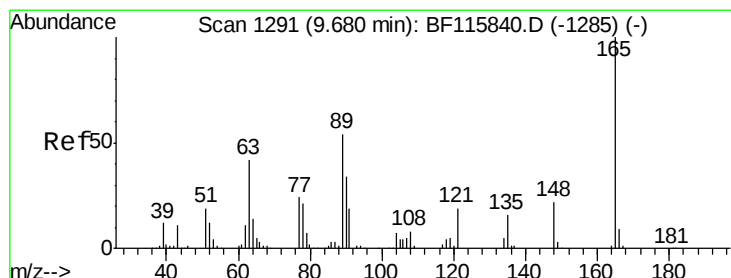
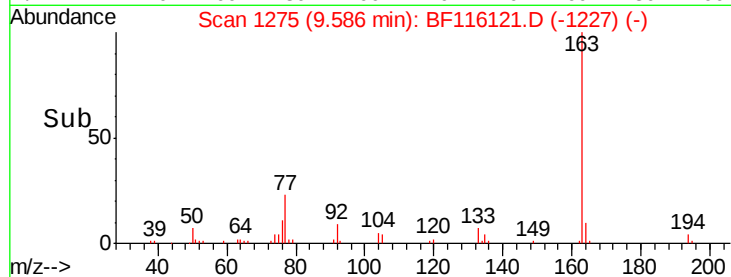
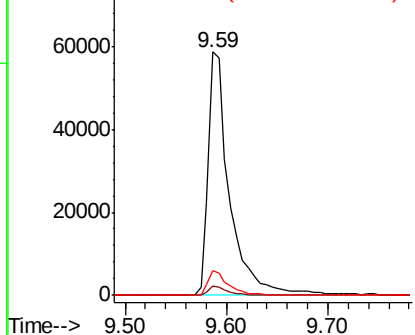
#50
 Dimethylphthalate
 Concen: 5.230 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	85921
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.0 4.6
164	10.3	8.4 12.6

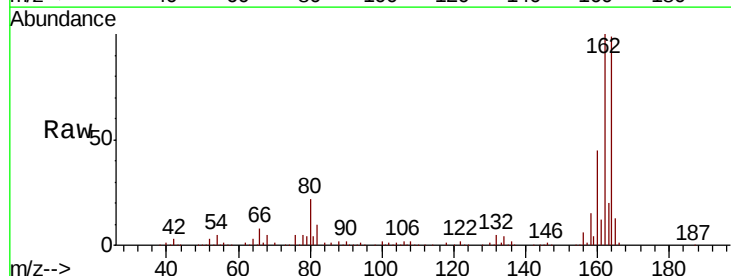


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

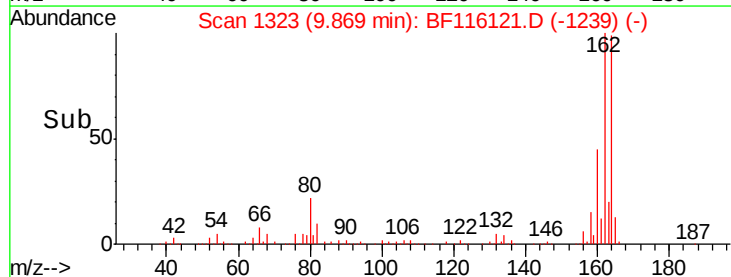
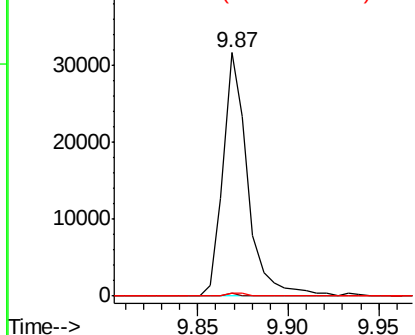


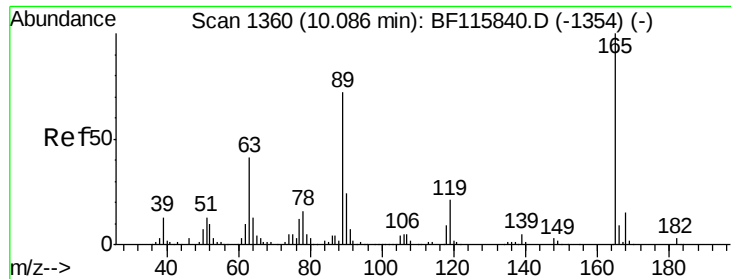
#51
 2,6-Dinitrotoluene
 Concen: 8.427 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

Tgt Ion:165	Resp:	30088
Ion Ratio	Lower	Upper
165	100	
63	1.1	38.2 57.2#
89	1.5	42.9 64.3#



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

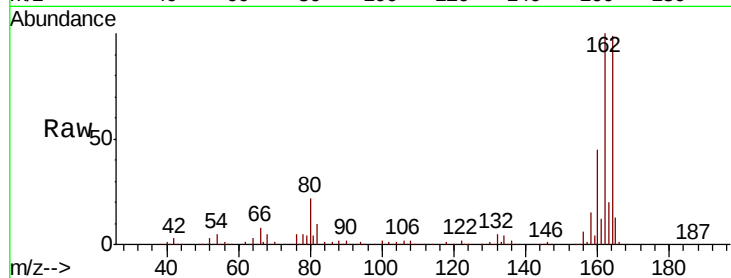




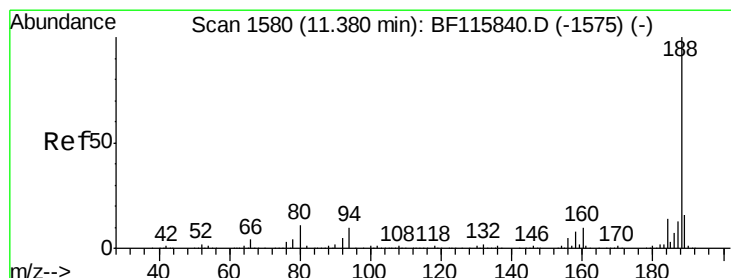
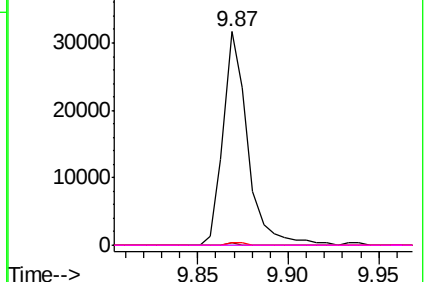
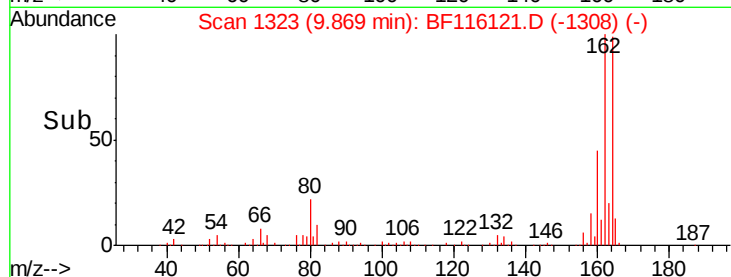
#57
 2,4-Dinitrotoluene
 Concen: 6.329 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	30088
Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#

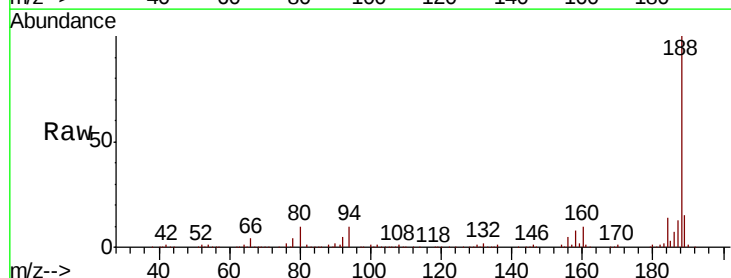


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

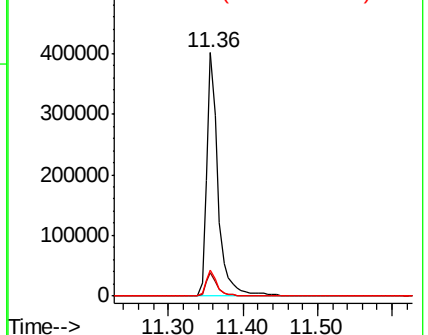
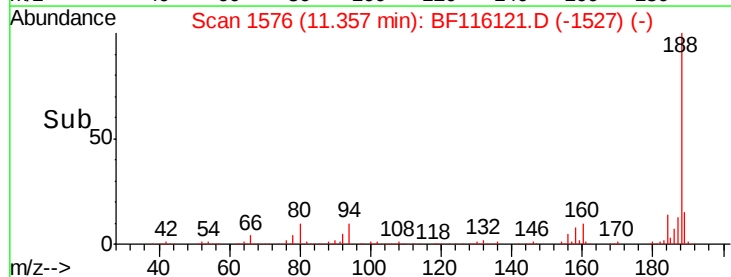


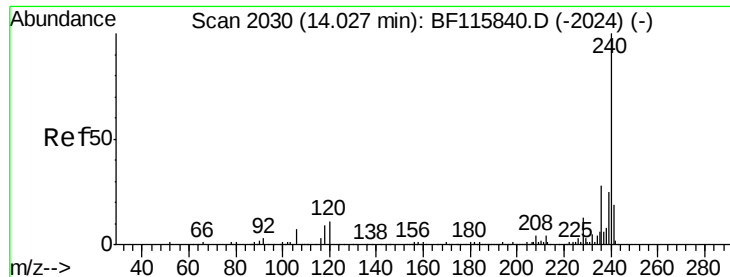
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

Tgt Ion:	188	Resp:	424679
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.5	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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

Instrument :

BNA_F

ClientSampleId :

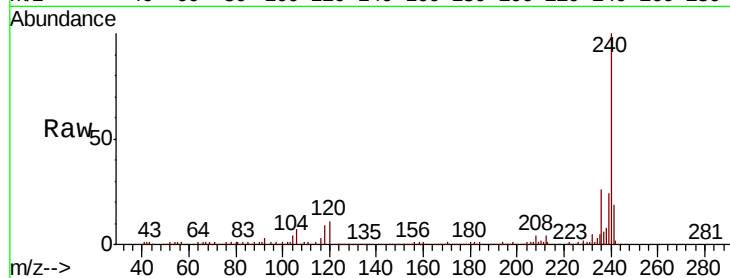
Tot Ion:240 Resp: 293648

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

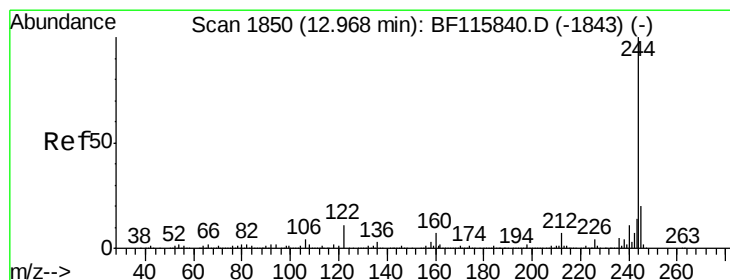
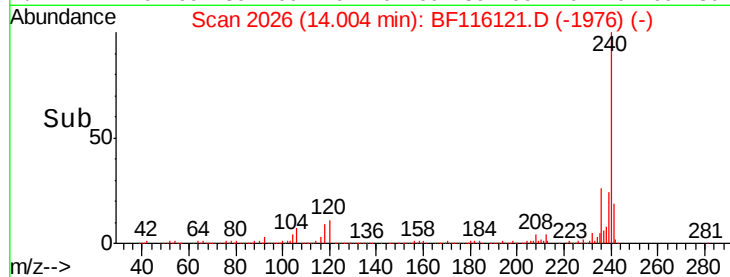
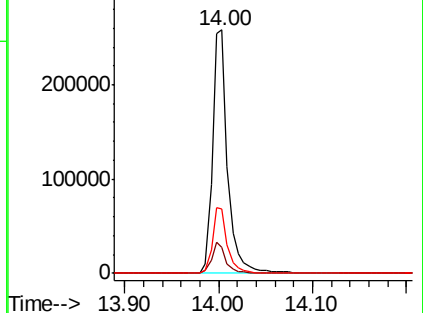
236 26.4 22.2 33.2



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: 64.305 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

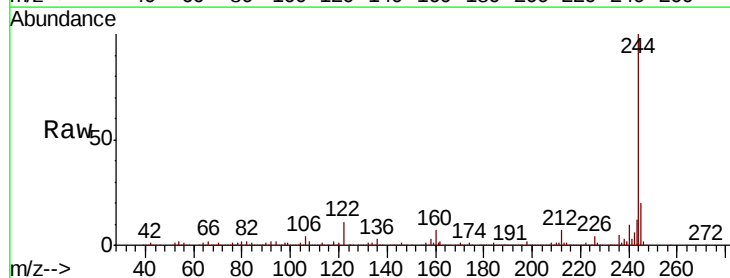
Tgt Ion:244 Resp: 896136

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

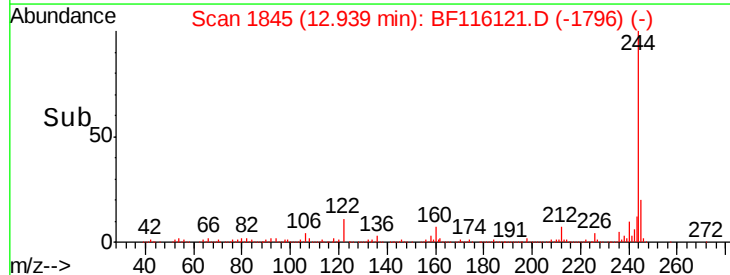
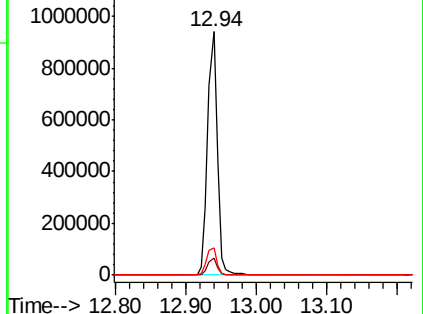
122 11.2 9.0 13.4

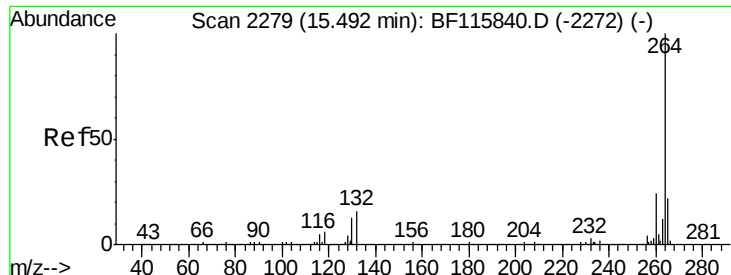


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.7	29.5	
265	21.4	17.4	26.0	

