

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116144.D
 Acq On : 10 Aug 2019 12:15
 Operator : HP/JU
 Sample : K4294-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:54:21 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

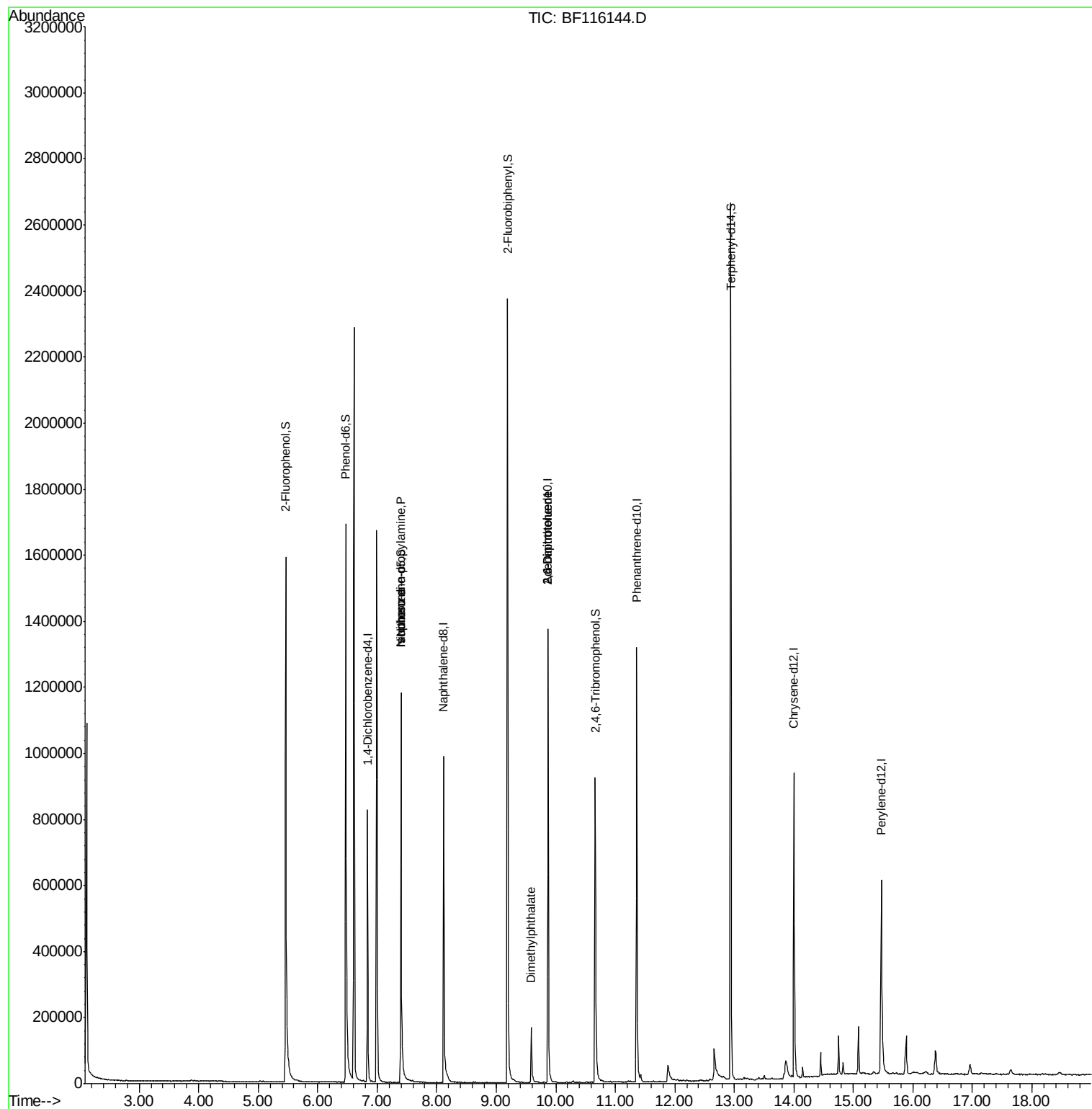
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	132271	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	539188	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	301314	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	565033	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	378100	20.00	ng	0.00
87) Perylene-d12	15.47	264	313920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	552285	69.90	ng	0.00
7) Phenol-d6	6.47	99	724200	72.65	ng	-0.01
23) Nitrobenzene-d5	7.40	82	458838	49.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	142865	48.90	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	838273	52.11	ng	-0.01
79) Terphenyl-d14	12.94	244	918863	51.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	59340	9.606	ng	# 80
25) Isophorone	7.40	82	458836	25.689	ng	# 65
50) Dimethylphthalate	9.59	163	96863	4.721	ng	99
51) 2,6-Dinitrotoluene	9.87	165	38459	8.626	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	38459	6.479	ng	# 20

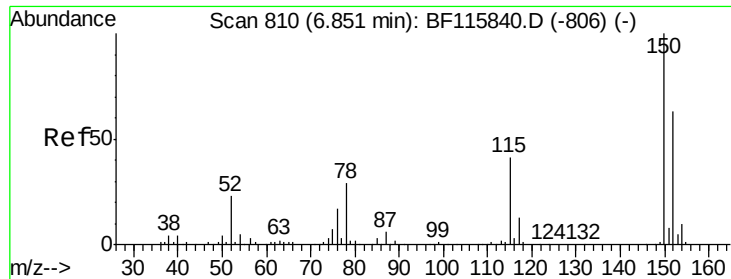
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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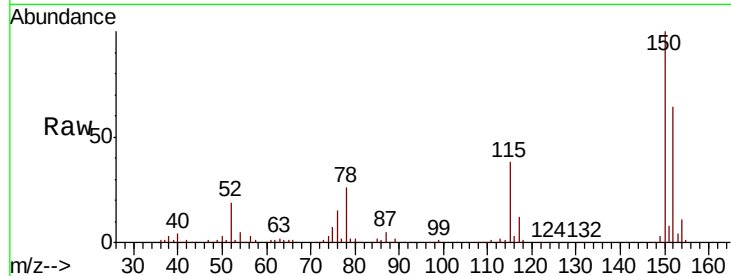


#1

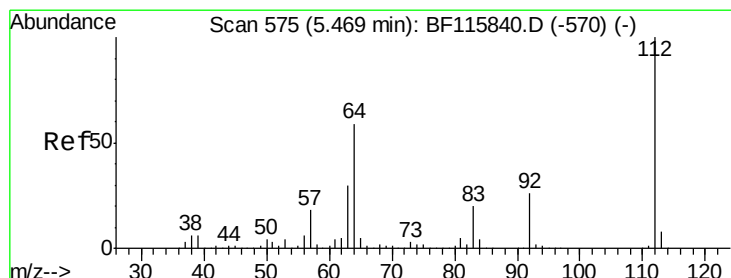
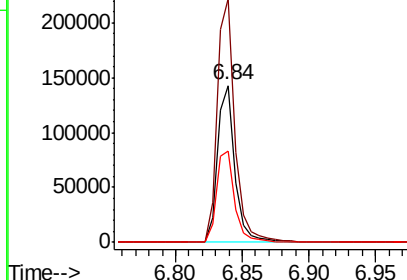
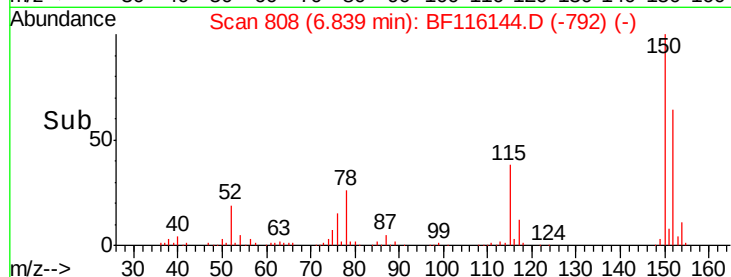
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116144.D
Acq: 10 Aug 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132271
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 58.6 49.9 74.9



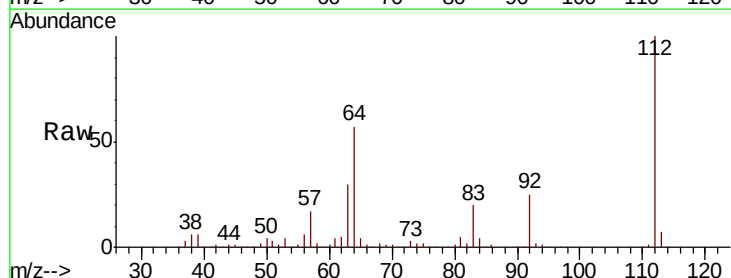
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



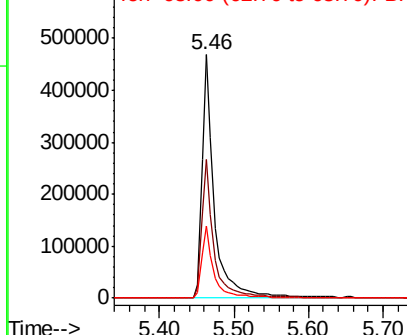
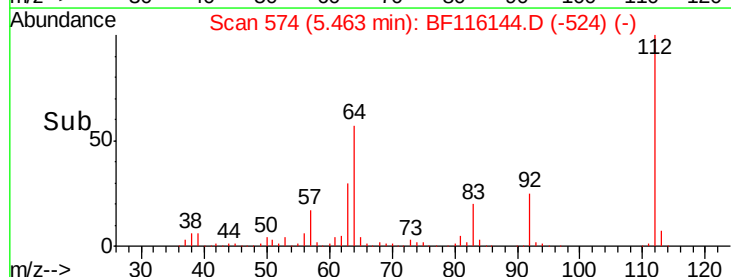
#5

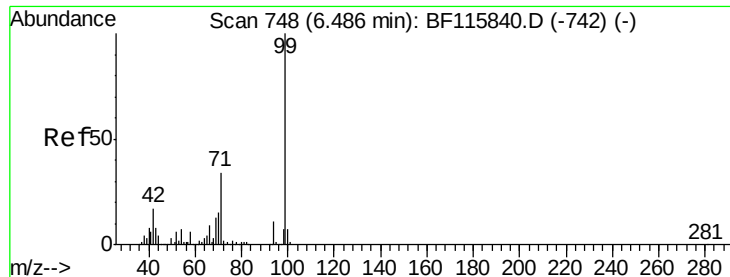
2-Fluorophenol
Concen: 69.899 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116144.D
Acq: 10 Aug 2019 12:15

Tgt Ion:112 Resp: 552285
Ion Ratio Lower Upper
112 100
64 57.1 45.4 68.2
63 29.7 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: 72.647 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

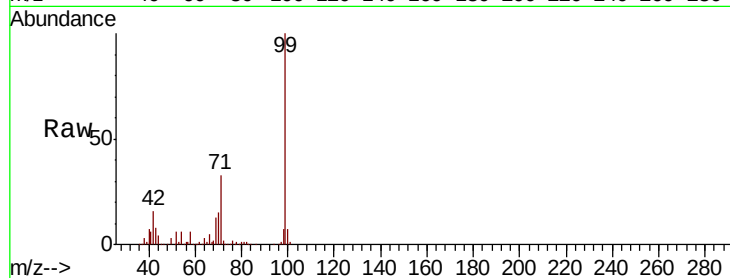
Tot Ion: 99 Resp: 724200

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

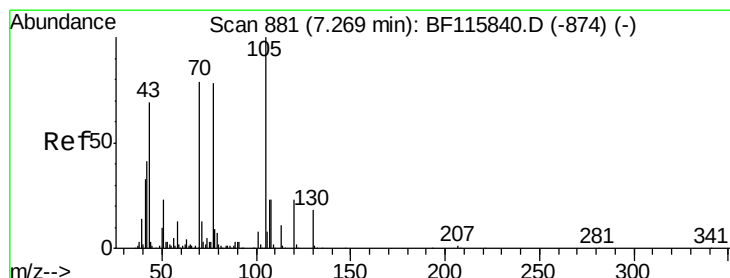
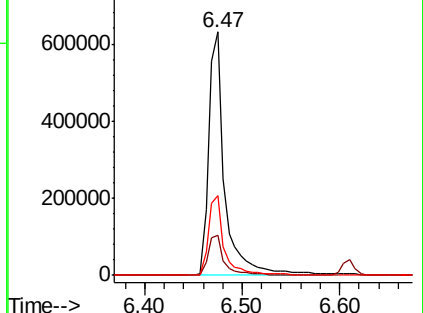
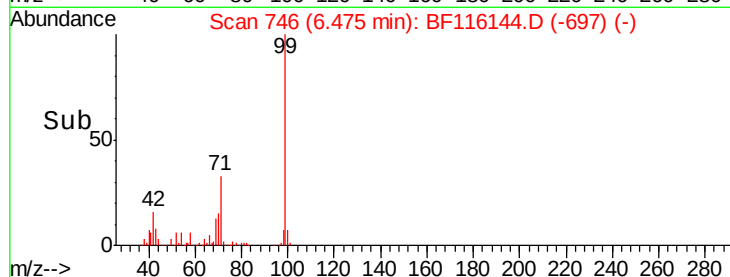
71 32.8 27.3 40.9



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: 9.606 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Tgt Ion: 70 Resp: 59340

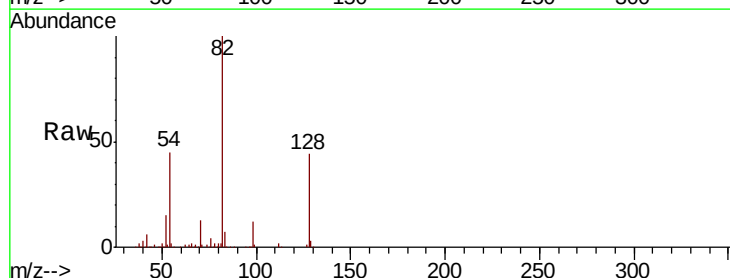
Ion Ratio Lower Upper

70 100

42 43.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

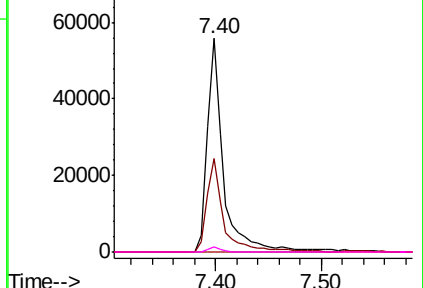
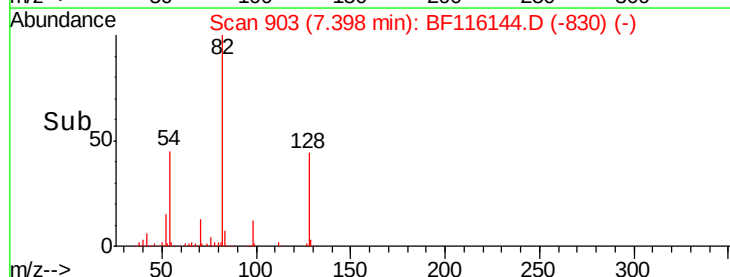


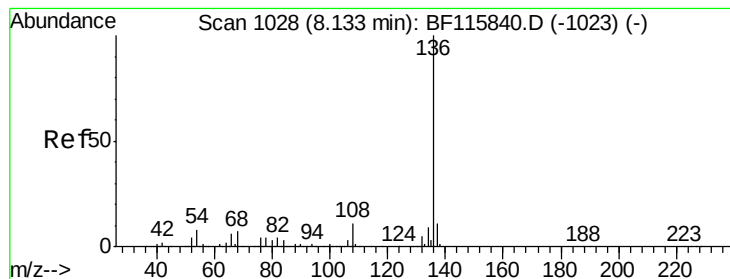
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 539188

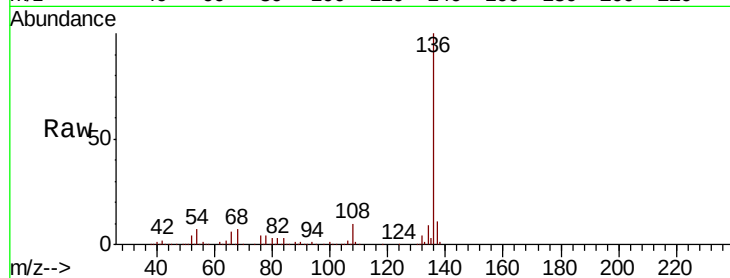
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.2 5.8 8.6

68 6.6 5.2 7.8

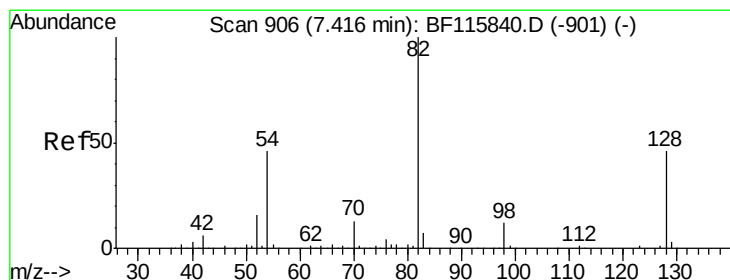
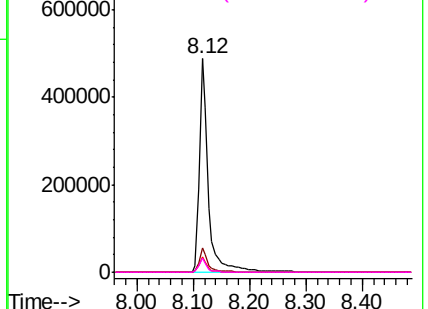
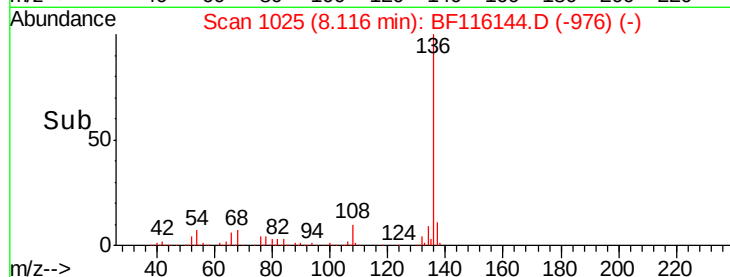


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.121 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

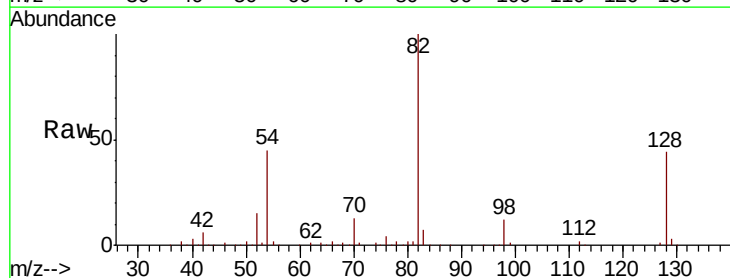
Tgt Ion: 82 Resp: 458838

Ion Ratio Lower Upper

82 100

128 44.5 36.5 54.7

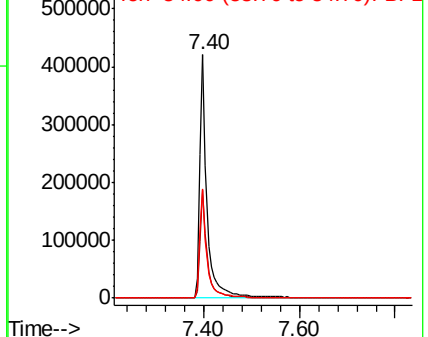
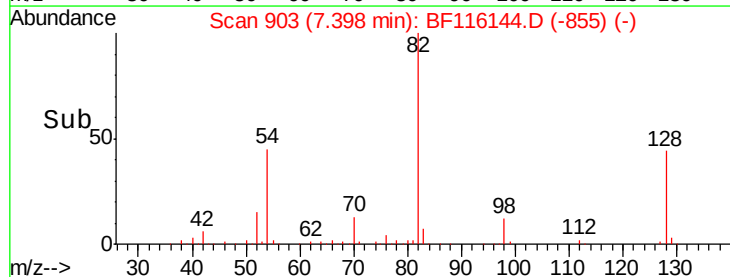
54 44.7 36.0 54.0

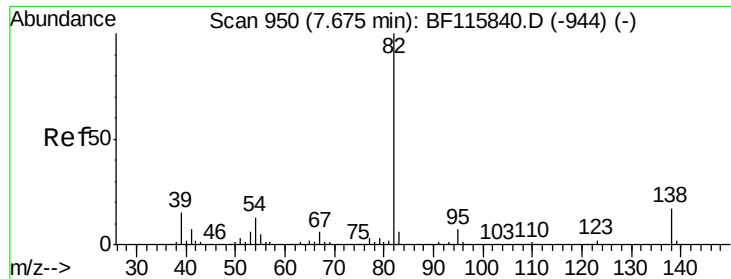


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 25.689 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

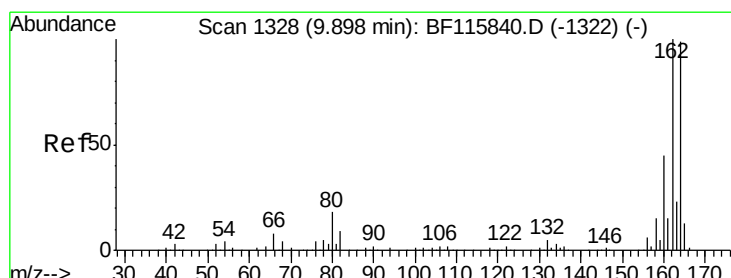
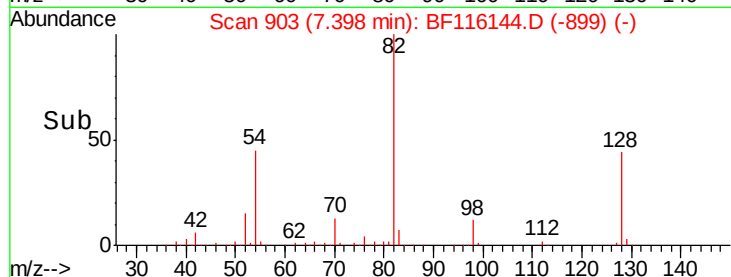
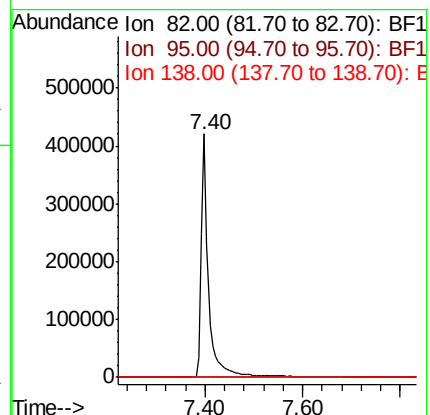
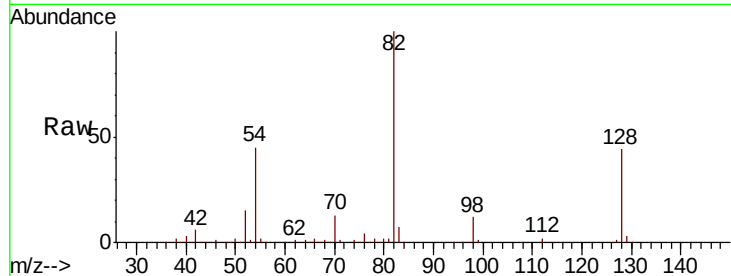
Tot Ion: 82 Resp: 458836

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: BF116144.D

Acq: 10 Aug 2019 12:15

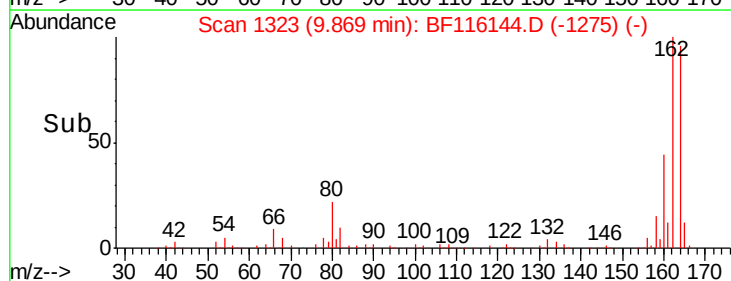
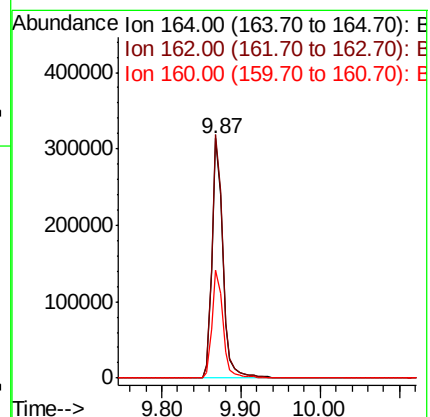
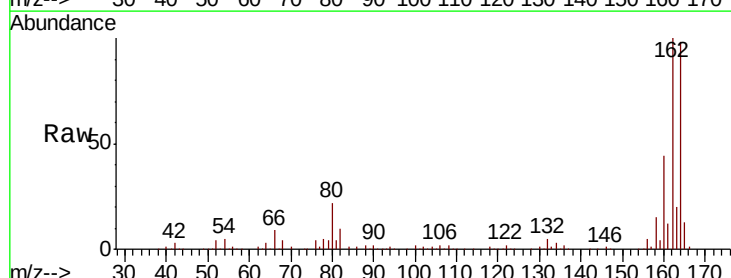
Tgt Ion: 164 Resp: 301314

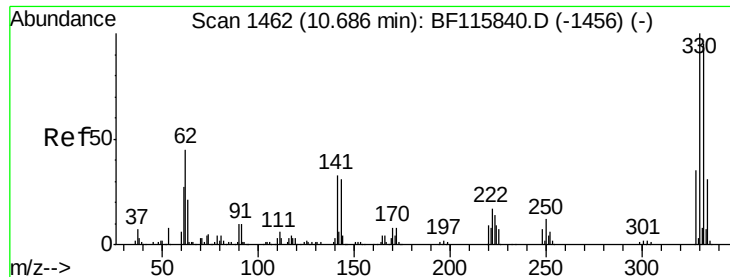
Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

160 44.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 48.904 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116144.D

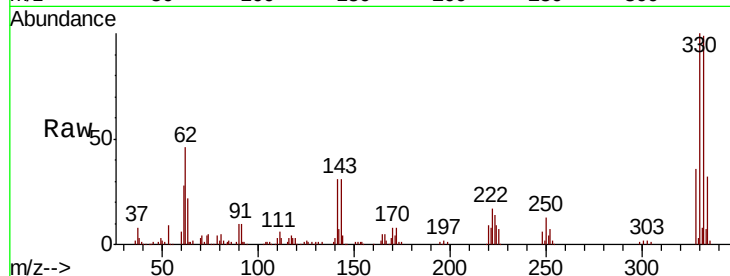
Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	142865
Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	35.2	26.3	39.5

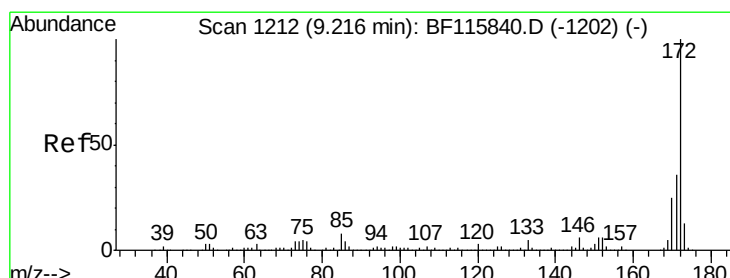
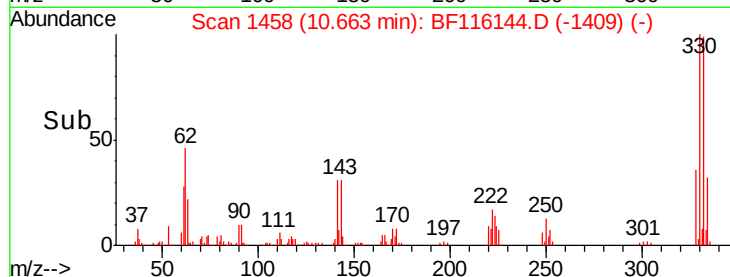
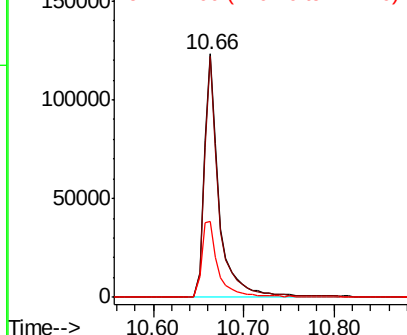


Abundance

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: 52.110 ng

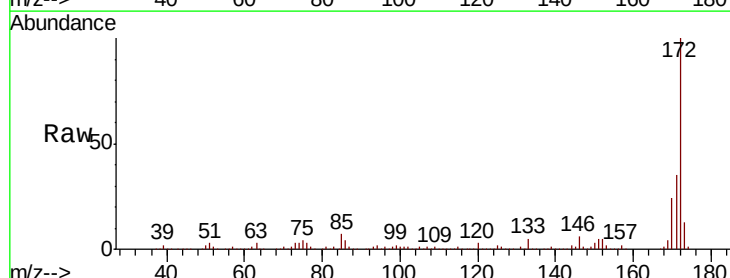
RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Tgt Ion:	172	Resp:	838273
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.1	20.1	30.1

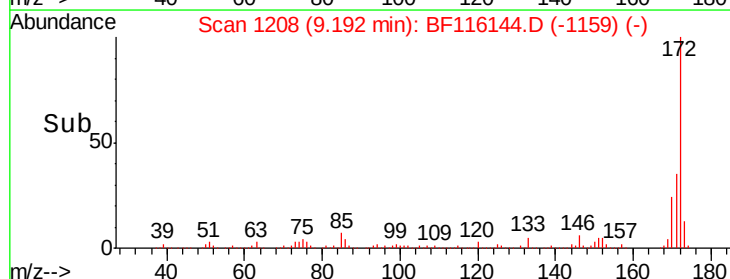
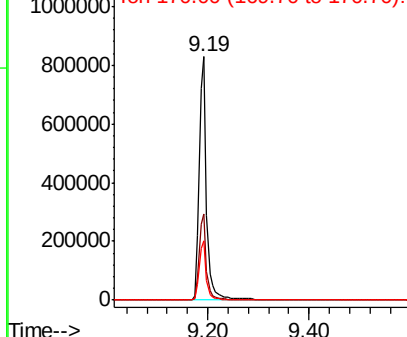


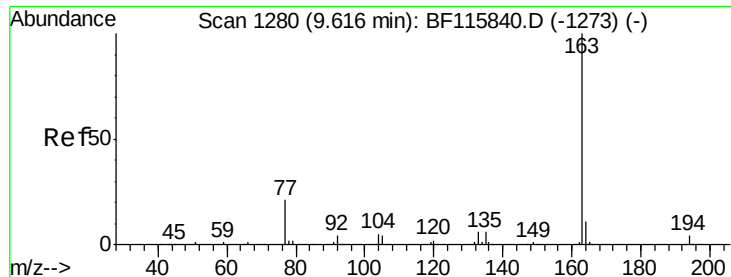
Abundance

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: 4.721 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

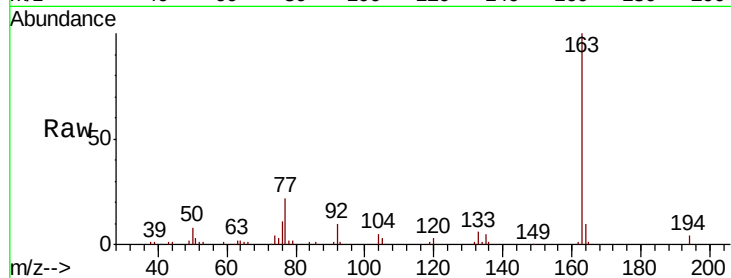
Tot Ion:163 Resp: 96863

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

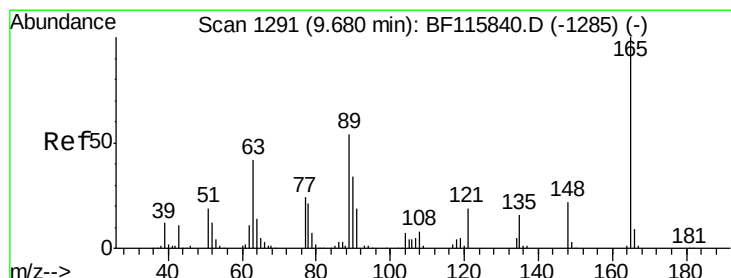
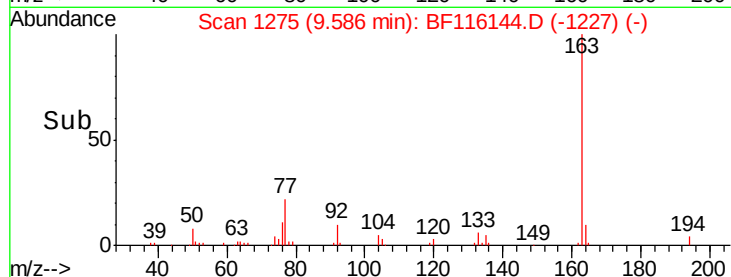
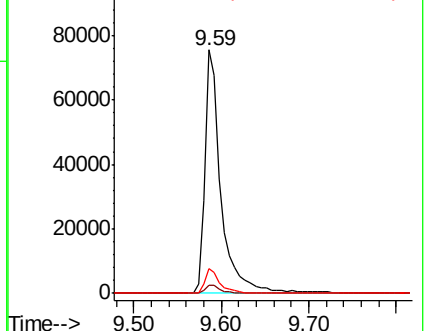
164 10.0 8.4 12.6



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: 8.626 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

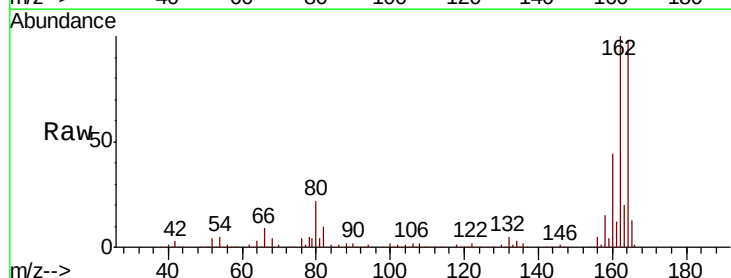
Tgt Ion:165 Resp: 38459

Ion Ratio Lower Upper

165 100

63 0.9 38.2 57.2#

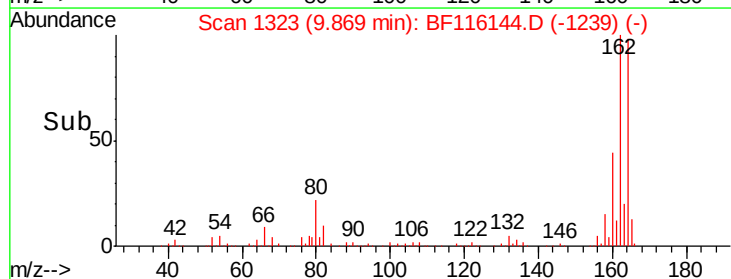
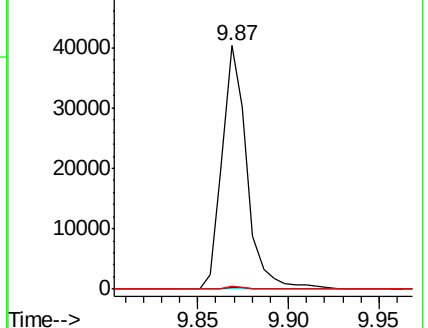
89 1.2 42.9 64.3#

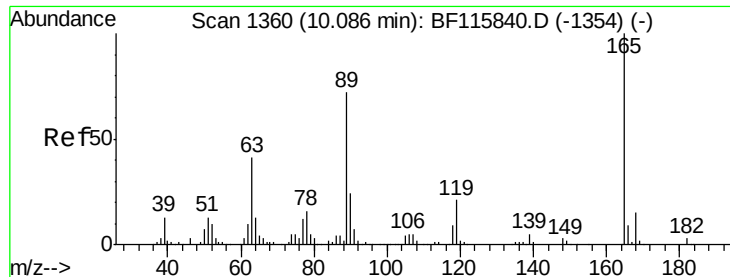


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

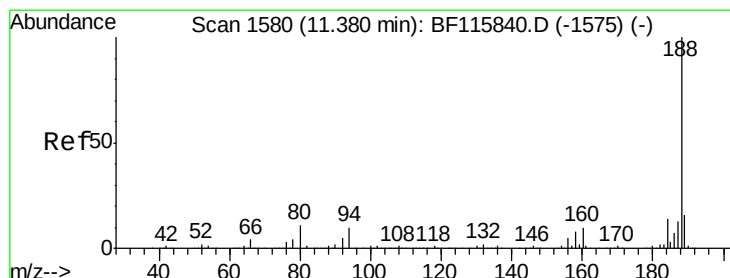
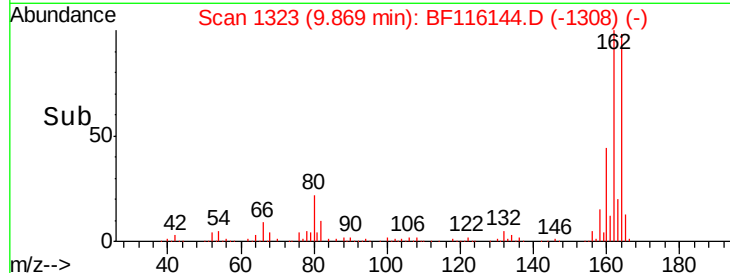
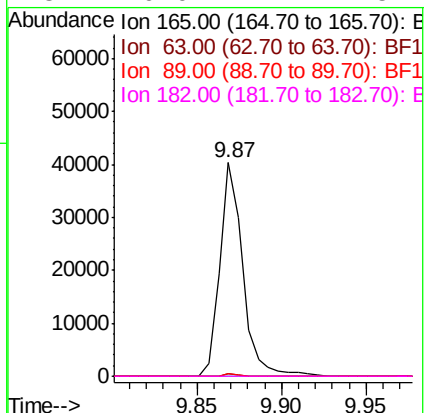
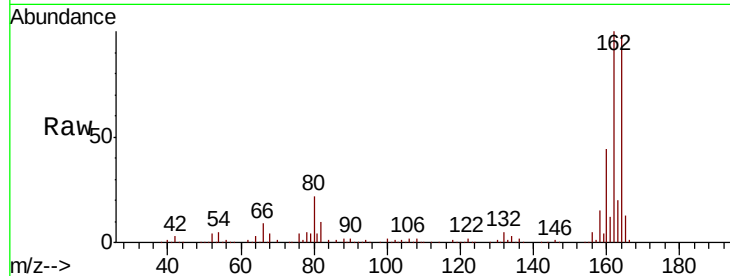




#57
 2,4-Dinitrotoluene
 Concen: 6.479 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116144.D
 Acq: 10 Aug 2019 12:15

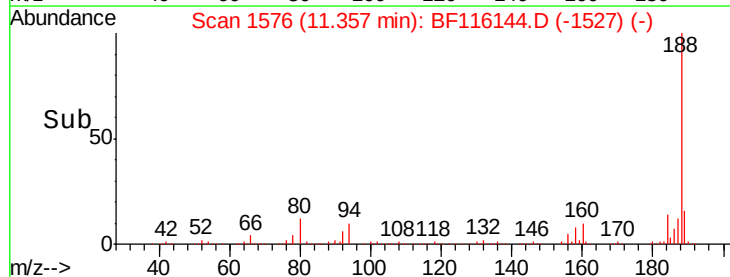
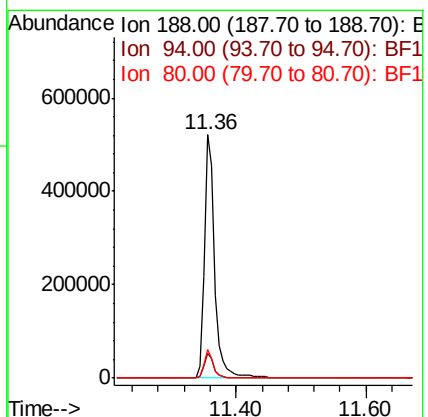
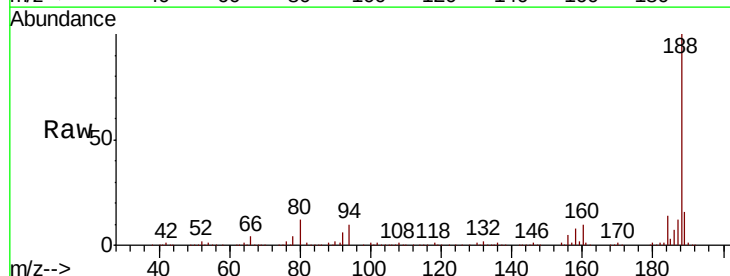
Instrument :
 BNA_F
 ClientSampleId :

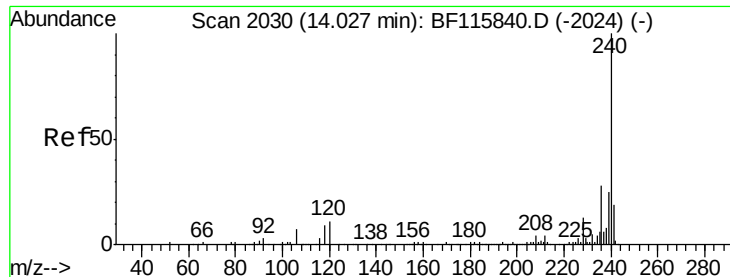
Tot Ion:165	Resp:	38459
Ion Ratio	Lower	Upper
165	100	
63	0.9	39.6 59.4#
89	1.2	62.2 93.2#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116144.D
 Acq: 10 Aug 2019 12:15

Tgt Ion:188	Resp:	565033
Ion Ratio	Lower	Upper
188	100	
94	10.4	8.1 12.1
80	11.7	8.7 13.1

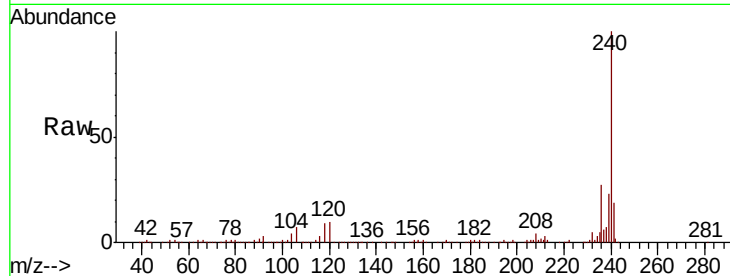




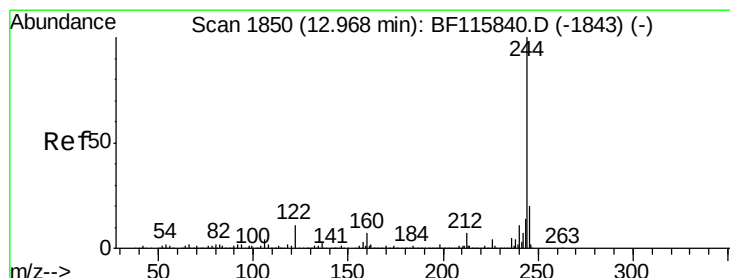
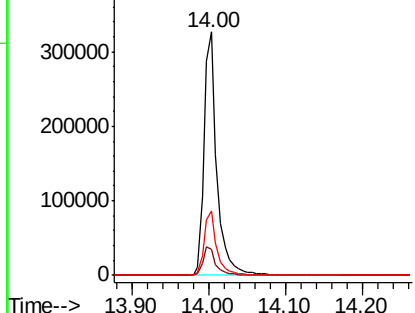
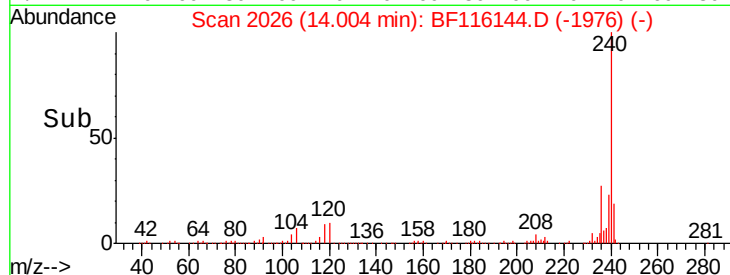
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116144.D
 Acq: 10 Aug 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 378100
 Ion Ratio Lower Upper
 240 100
 120 10.5 10.7 16.1#
 236 26.6 22.2 33.2

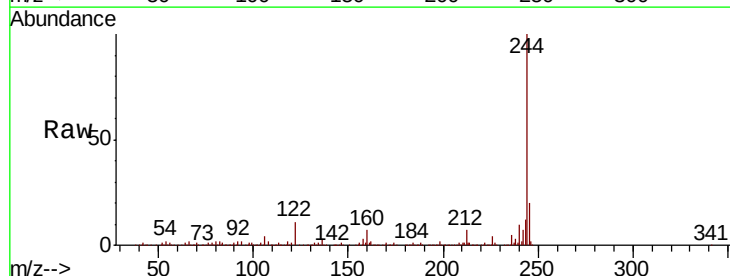


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

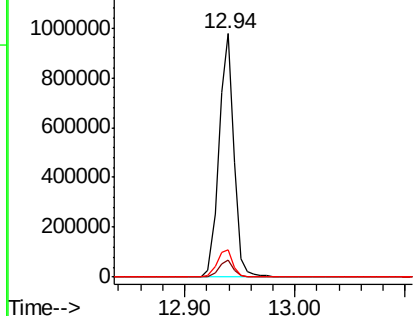
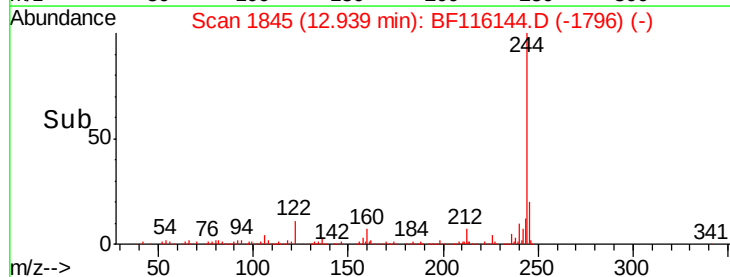


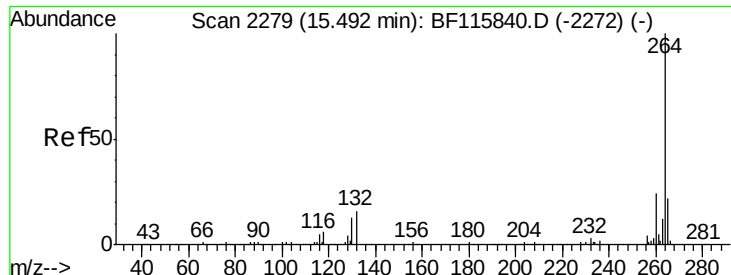
#79
 Terphenyl-d14
 Concen: 51.209 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116144.D
 Acq: 10 Aug 2019 12:15

Tgt Ion:244 Resp: 918863
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.4 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

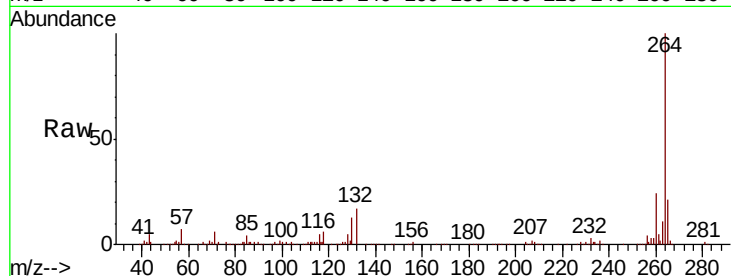




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116144.D
Acq: 10 Aug 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.3	17.4	26.0



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

