

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116034.D
 Acq On : 7 Aug 2019 00:42
 Operator : HP/JU
 Sample : K4162-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 06:06:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

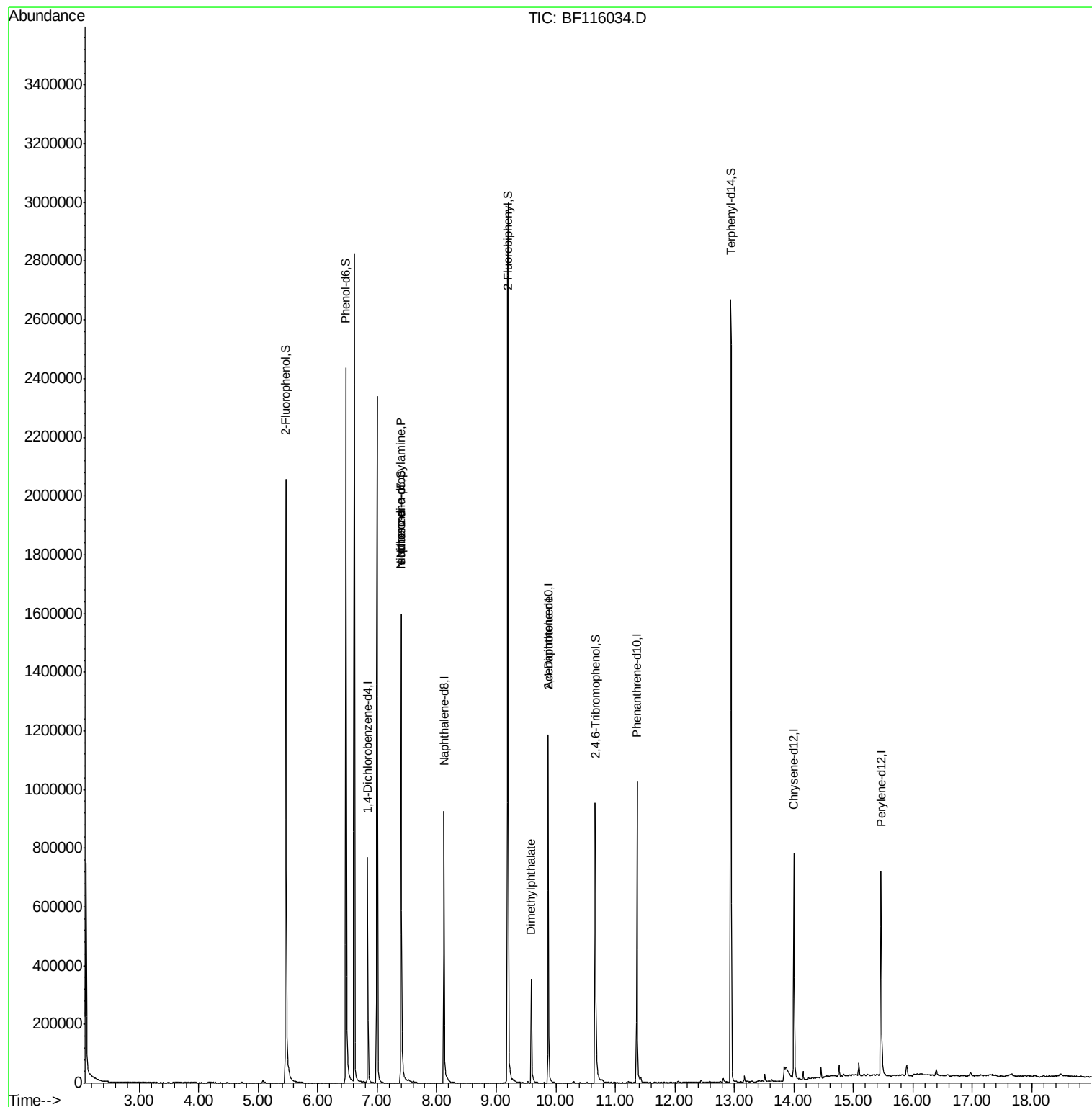
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118444	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	463108	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241106	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	409064	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	293380	20.00	ng	-0.02
87) Perylene-d12	15.46	264	352353	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	703213	99.39	ng	0.00
7) Phenol-d6	6.47	99	947508	106.14	ng	-0.01
23) Nitrobenzene-d5	7.40	82	585386	72.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	140231	59.99	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1007990	78.31	ng	-0.02
79) Terphenyl-d14	12.94	244	972627	69.86	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	78215	14.140	ng	# 77
25) Isophorone	7.40	82	585380	38.158	ng	# 66
50) Dimethylphthalate	9.59	163	184089	11.214	ng	98
57) 2,4-Dinitrotoluene	9.87	165	30026	6.321	ng	# 24

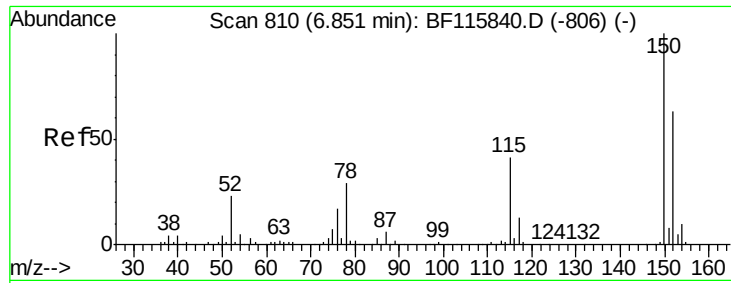
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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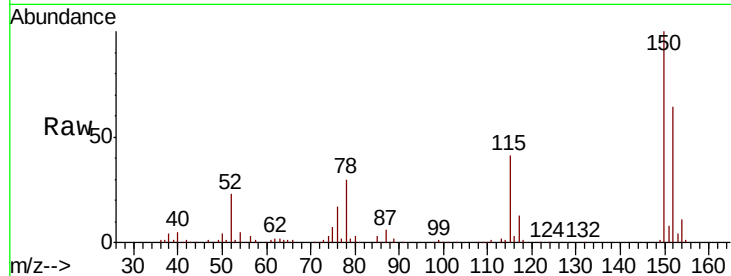




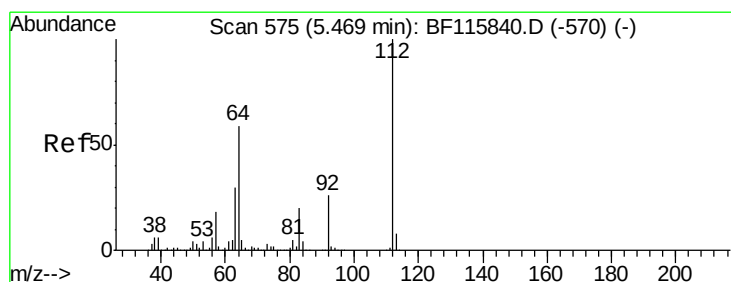
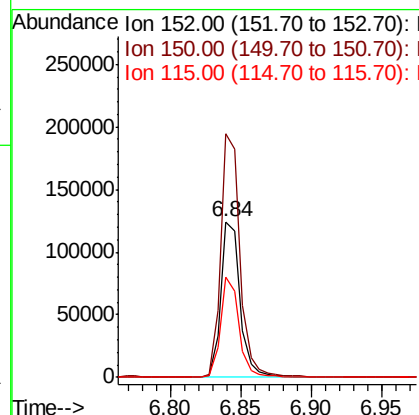
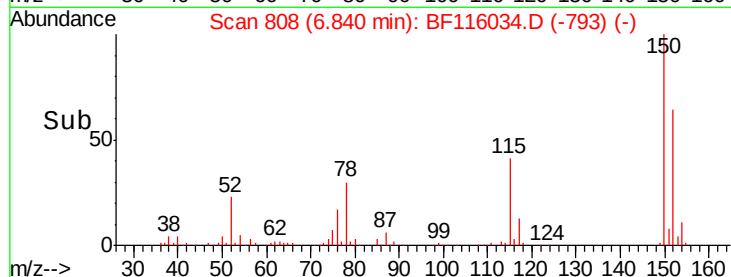
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116034.D
 Acq: 7 Aug 2019 00:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 118444
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.4 191.0
 115 64.8 51.8 77.8

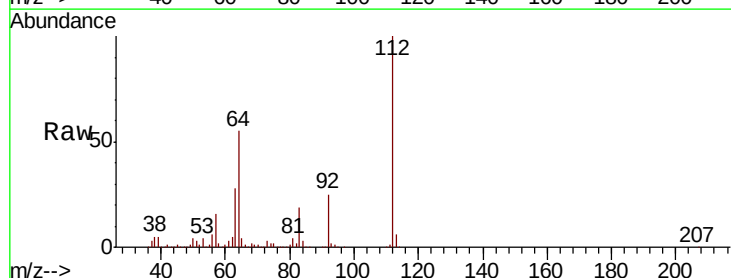


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

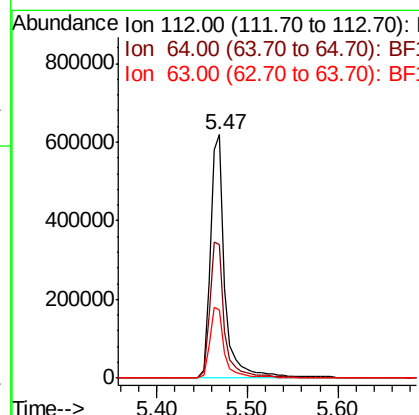
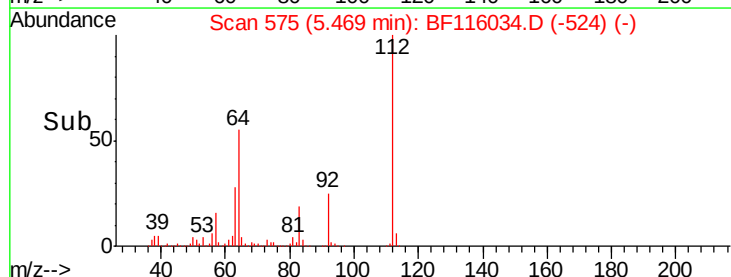


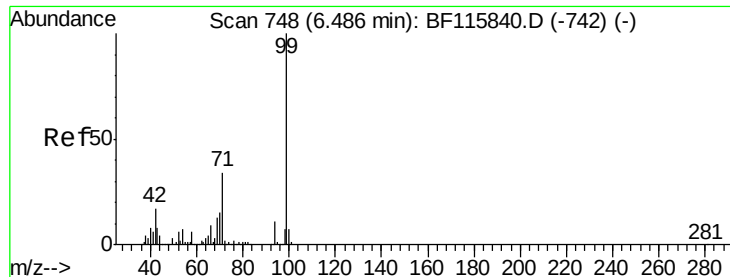
#5
 2-Fluorophenol
 Concen: 99.391 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116034.D
 Acq: 7 Aug 2019 00:42

Tgt Ion:112 Resp: 703213
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.8 70.2
 63 28.1 24.2 36.2



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: 106.143 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

Instrument :

BNA_F

ClientSampled :

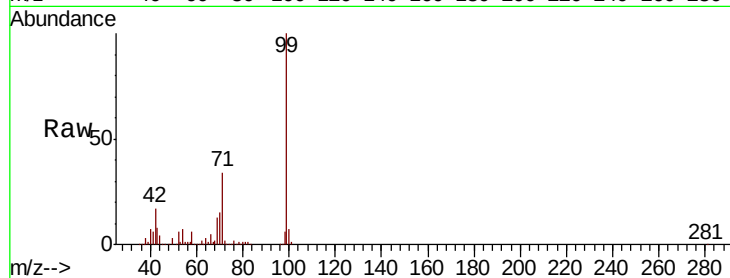
Tot Ion: 99 Resp: 947508

Ion Ratio Lower Upper

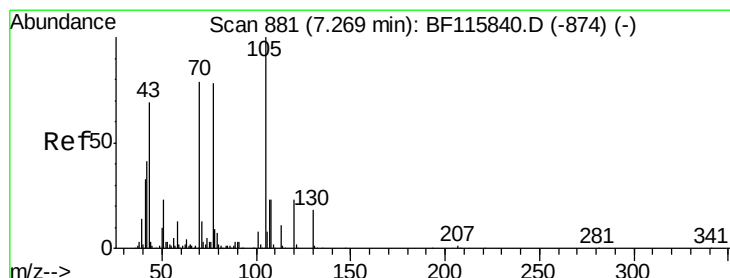
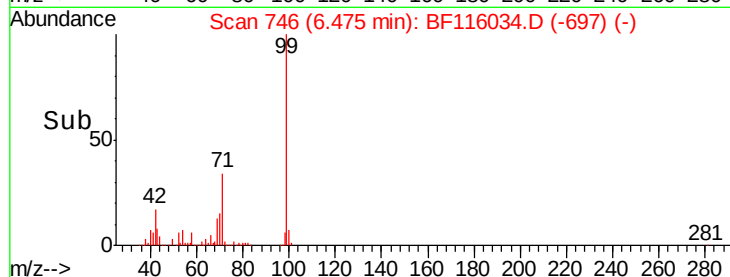
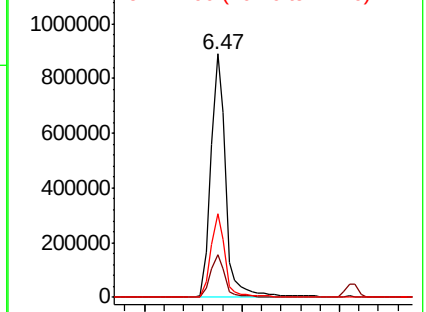
99 100

42 17.4 13.8 20.6

71 34.2 27.1 40.7



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: 14.140 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

Tgt Ion: 70 Resp: 78215

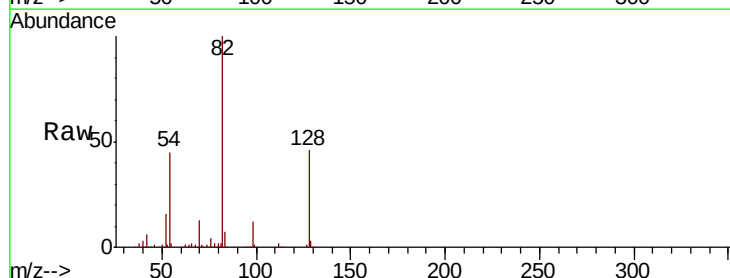
Ion Ratio Lower Upper

70 100

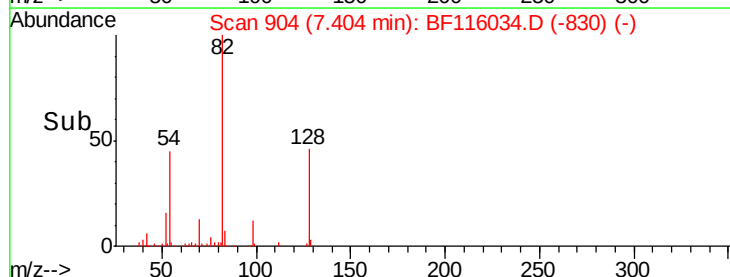
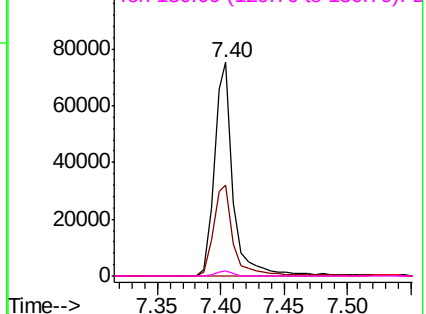
42 42.7 41.8 62.8

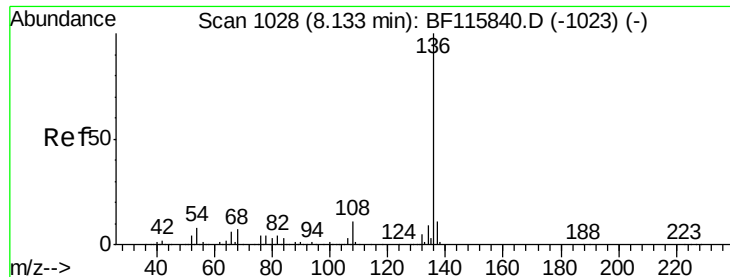
101 0.0 7.7 11.5#

130 2.1 17.8 26.6#



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

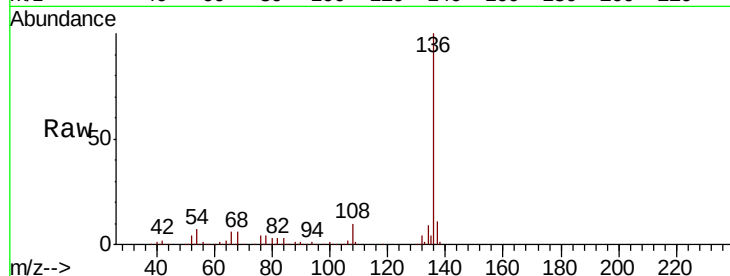




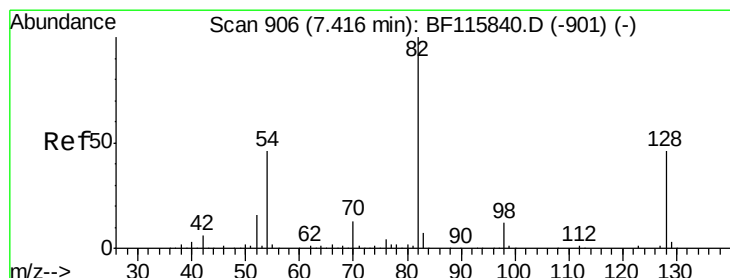
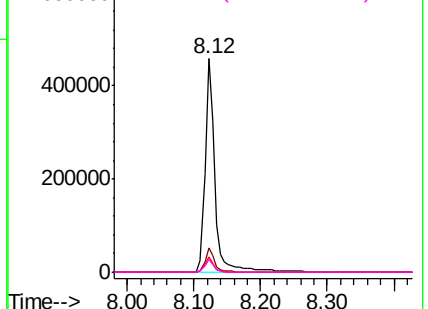
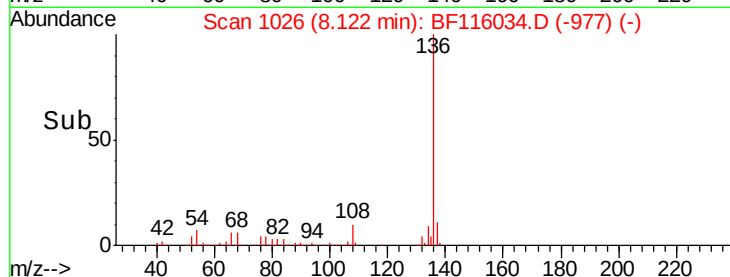
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116034.D
Acq: 7 Aug 2019 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	463108
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.1	13.7
54 7.3	6.1	9.1
68 6.1	5.4	8.2

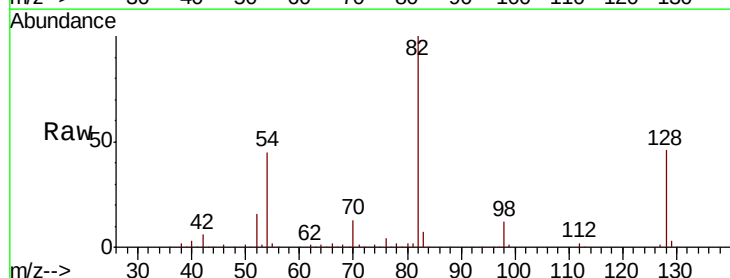


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

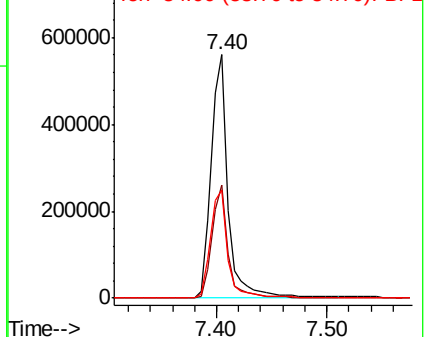
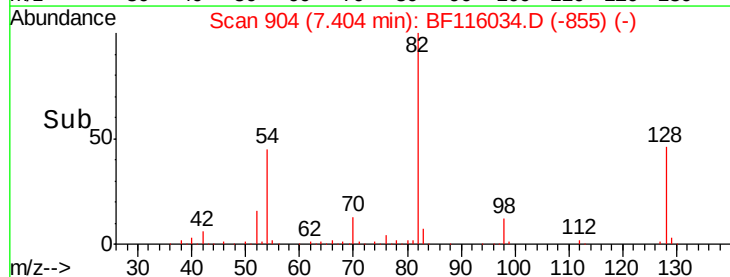


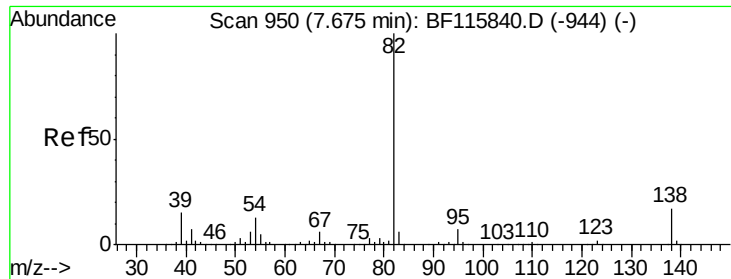
#23
Nitrobenzene-d5
Concen: 72.964 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116034.D
Acq: 7 Aug 2019 00:42

Tgt Ion: 82	Resp: 585386
Ion Ratio	Lower Upper
82 100	
128 46.4	36.6 55.0
54 44.5	36.6 55.0



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: 38.158 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

Instrument :

BNA_F

ClientSampleId :

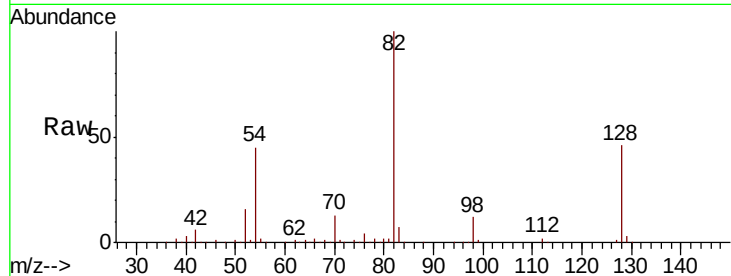
Tot Ion: 82 Resp: 585380

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

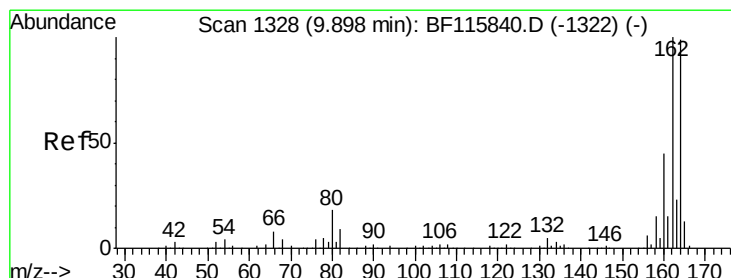
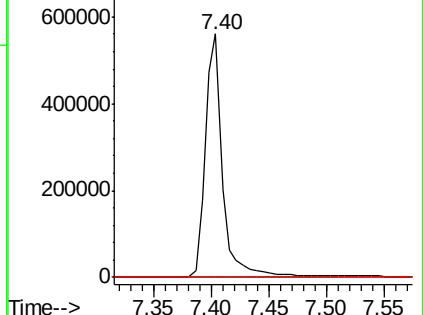
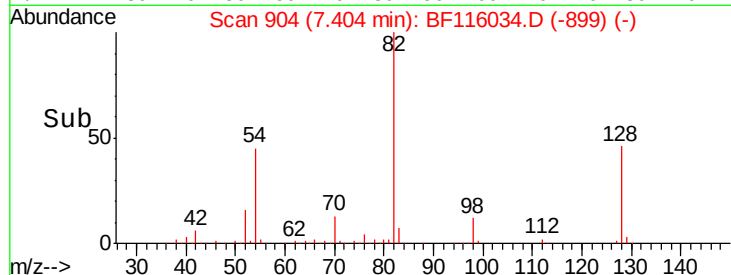
138 0.0 13.9 20.9#



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# 1324

Delta R.T. -0.02 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

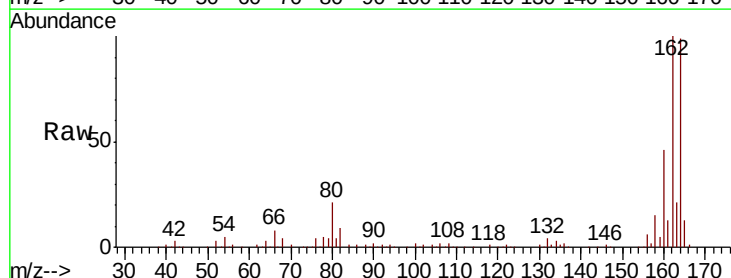
Tgt Ion: 164 Resp: 241106

Ion Ratio Lower Upper

164 100

162 101.2 80.8 121.2

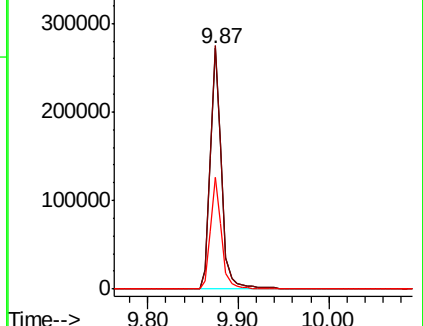
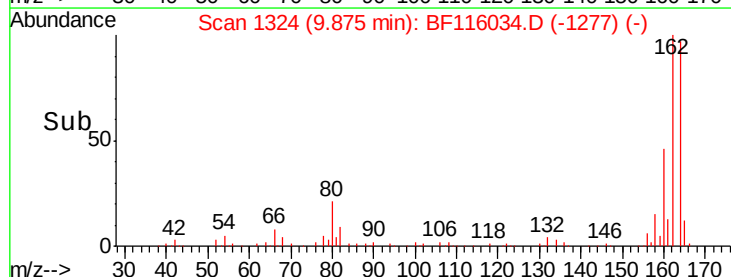
160 46.6 36.2 54.4

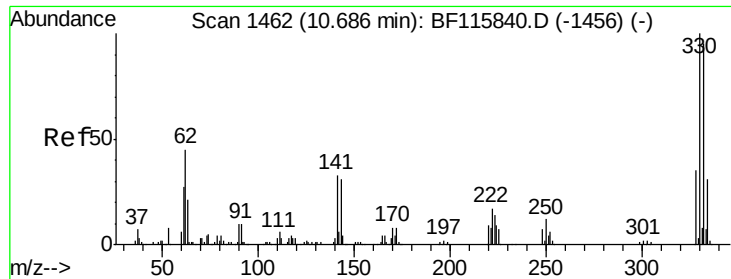


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 59.990 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

Instrument :

BNA_F

ClientSampleId :

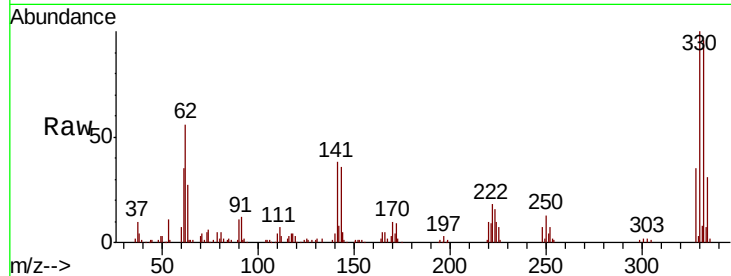
Tot Ion:330 Resp: 140231

Ion Ratio Lower Upper

330 100

332 98.3 77.7 116.5

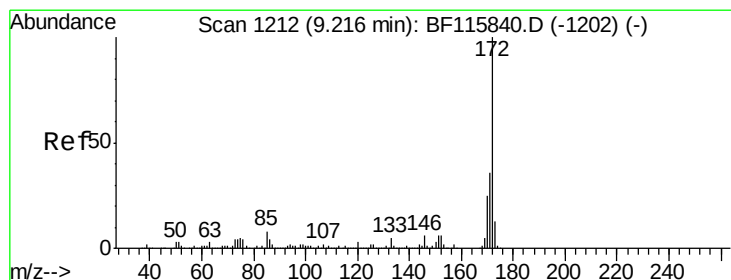
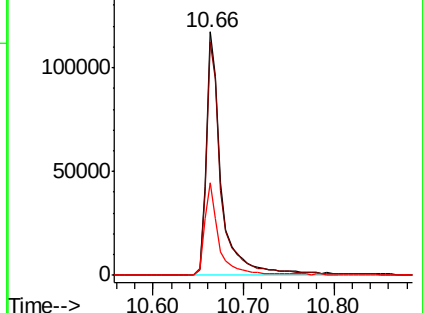
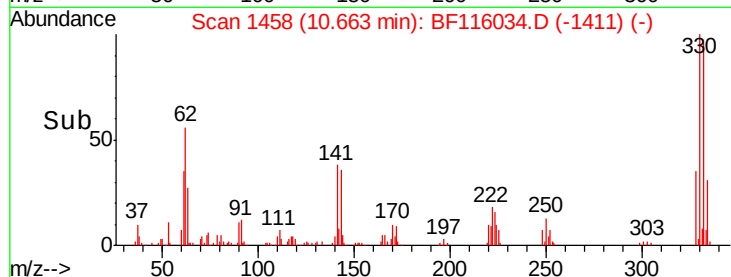
141 36.9 28.1 42.1



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: 78.307 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

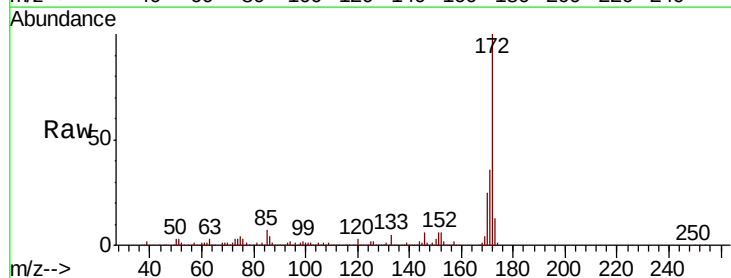
Tgt Ion:172 Resp: 1007990

Ion Ratio Lower Upper

172 100

171 36.1 29.1 43.7

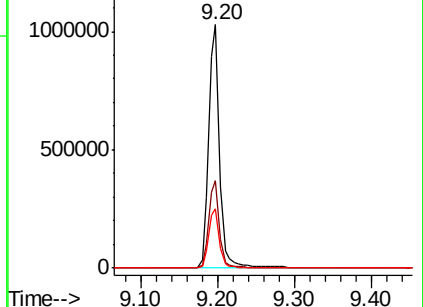
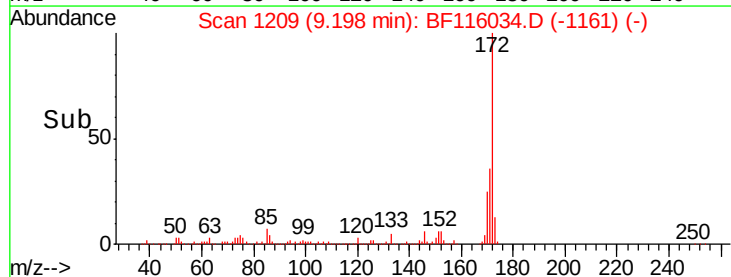
170 24.6 20.1 30.1

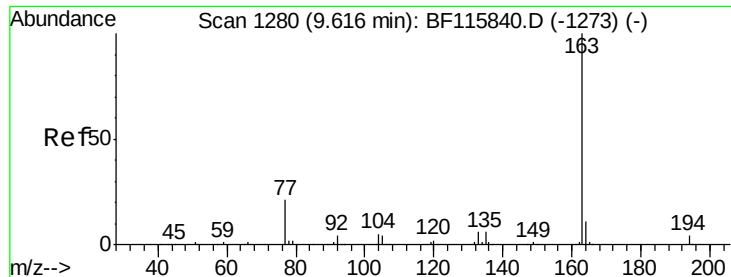


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

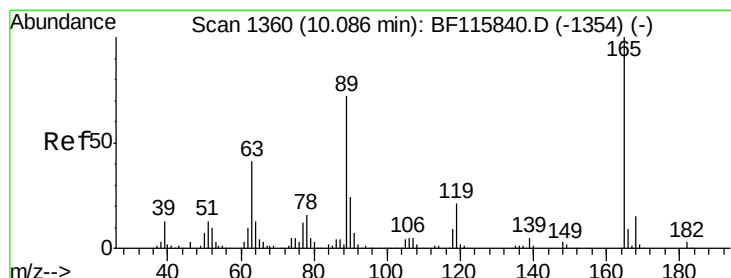
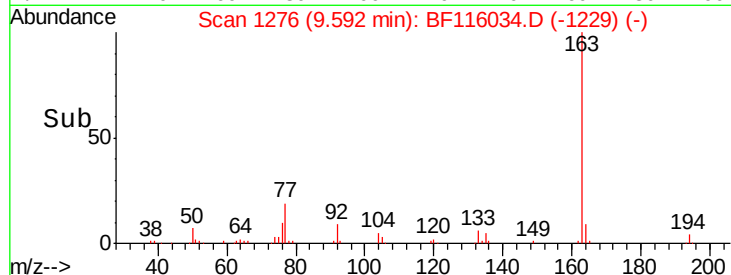
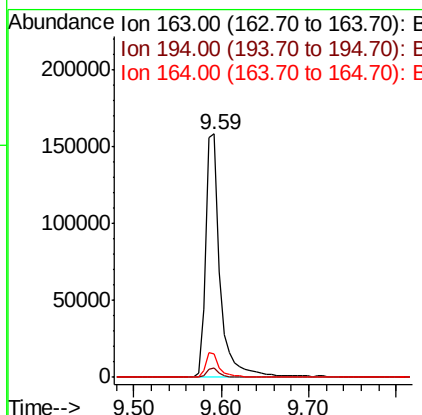
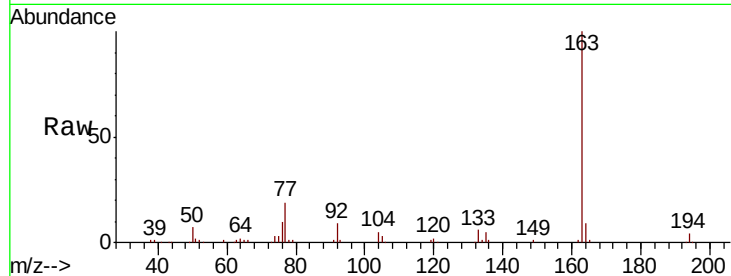




#50
 Dimethylphthalate
 Concen: 11.214 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF116034.D
 Acq: 7 Aug 2019 00:42

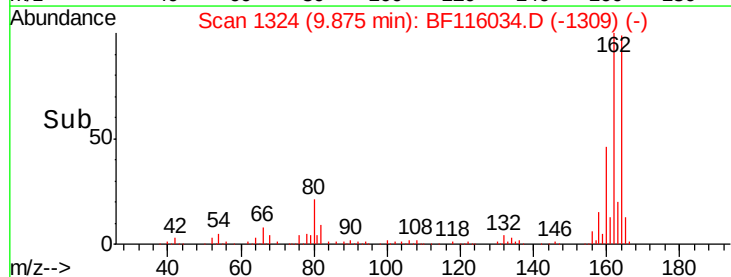
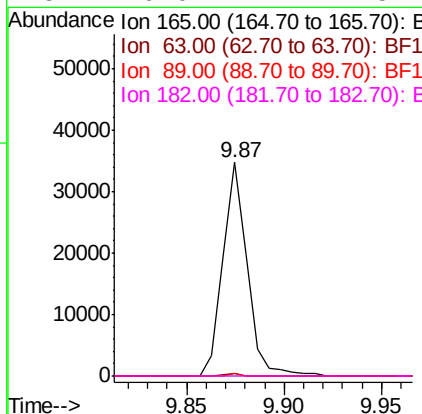
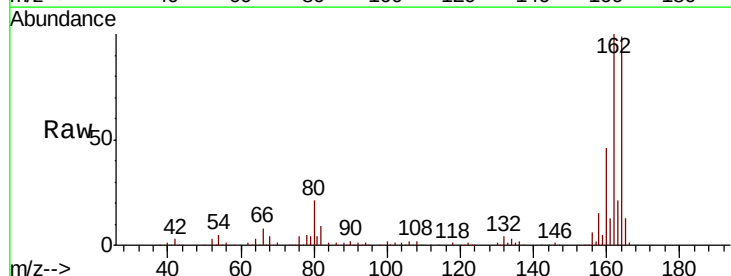
Instrument :
 BNA_F
 ClientSampleId :

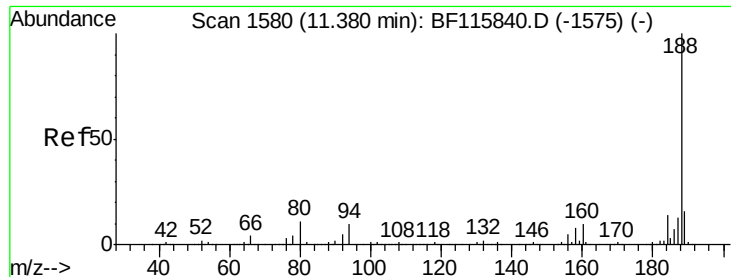
Tot Ion:163	Resp:	184089
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.0 4.6
164	9.4	8.4 12.6



#57
 2,4-Dinitrotoluene
 Concen: 6.321 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF116034.D
 Acq: 7 Aug 2019 00:42

Tgt Ion:165	Resp:	30026
Ion Ratio	Lower	Upper
165	100	
63	1.1	33.2 49.8#
89	1.3	57.3 85.9#
182	0.0	2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

Instrument :

BNA_F

ClientSampled :

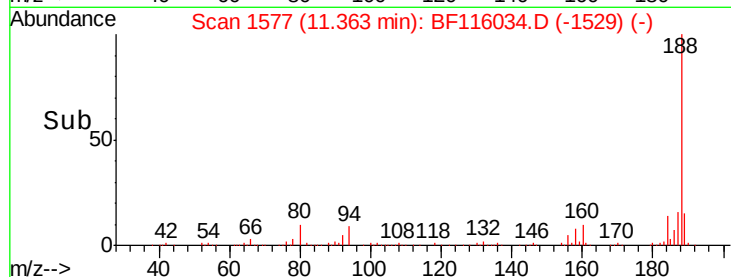
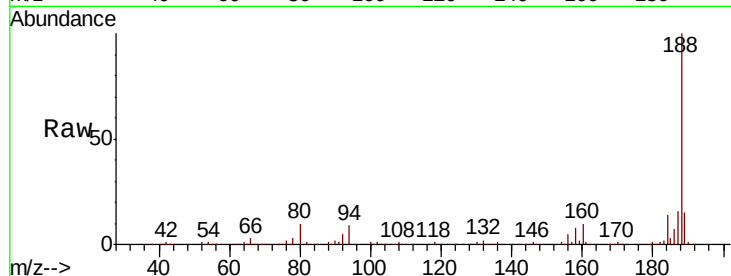
Tot Ion:188 Resp: 409064

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

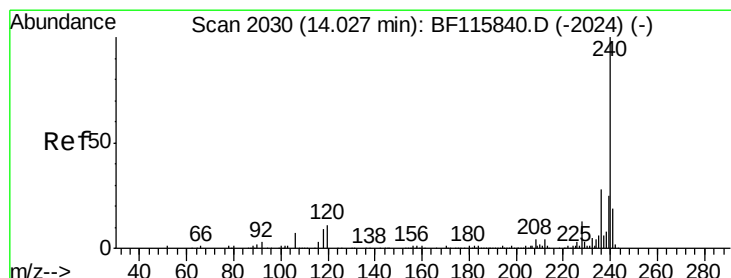
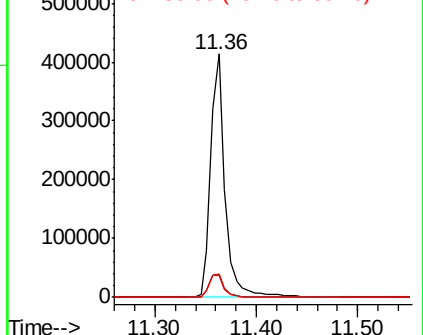
80 9.6 8.6 12.8



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. -0.02 min

Lab File: BF116034.D

Acq: 7 Aug 2019 00:42

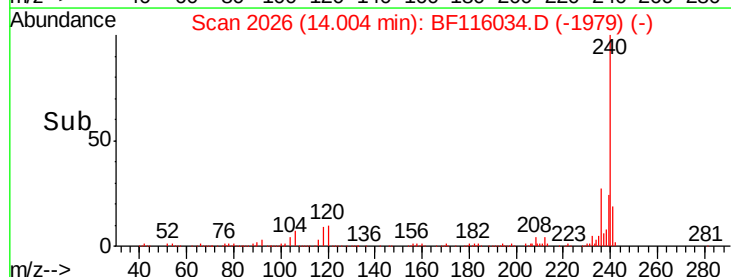
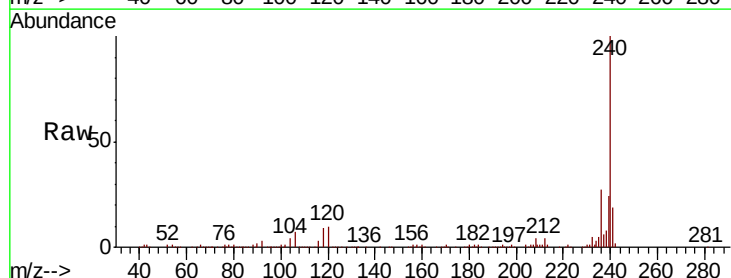
Tgt Ion:240 Resp: 293380

Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

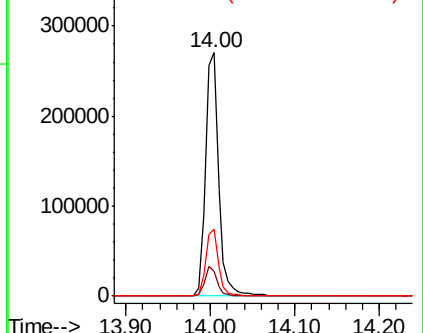
236 27.3 22.2 33.2

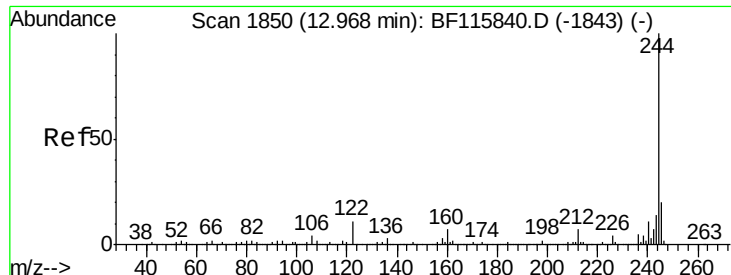


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

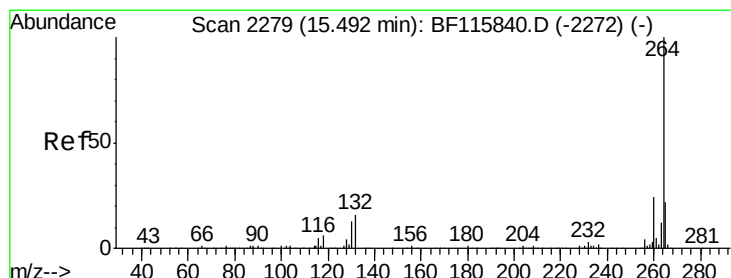
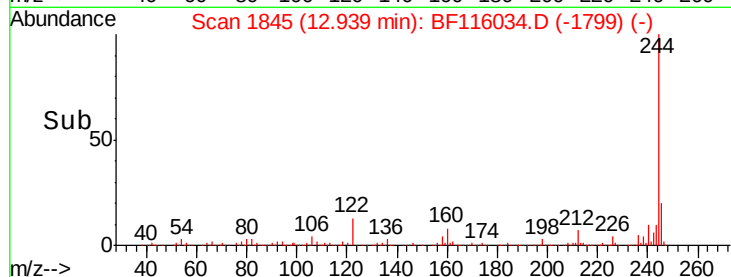
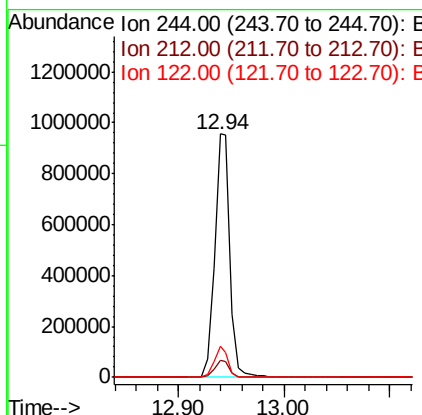
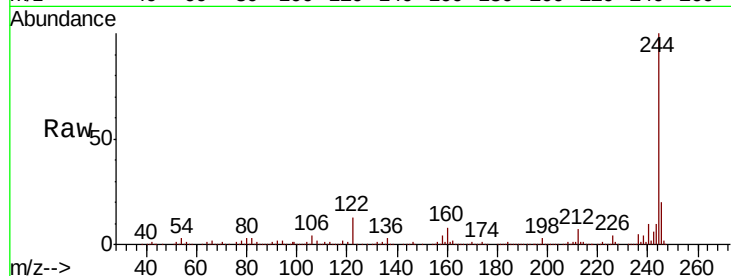




#79
 Terphenyl-d14
 Concen: 69.858 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.03 min
 Lab File: BF116034.D
 Acq: 7 Aug 2019 00:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 972627
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.5 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.03 min
 Lab File: BF116034.D
 Acq: 7 Aug 2019 00:42

Tgt Ion:264 Resp: 352353
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.9 17.5 26.3

