

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116053.D
 Acq On : 7 Aug 2019 18:27
 Operator : HP/JU
 Sample : K4142-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 399L-241L

Quant Time: Aug 08 08:10:15 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

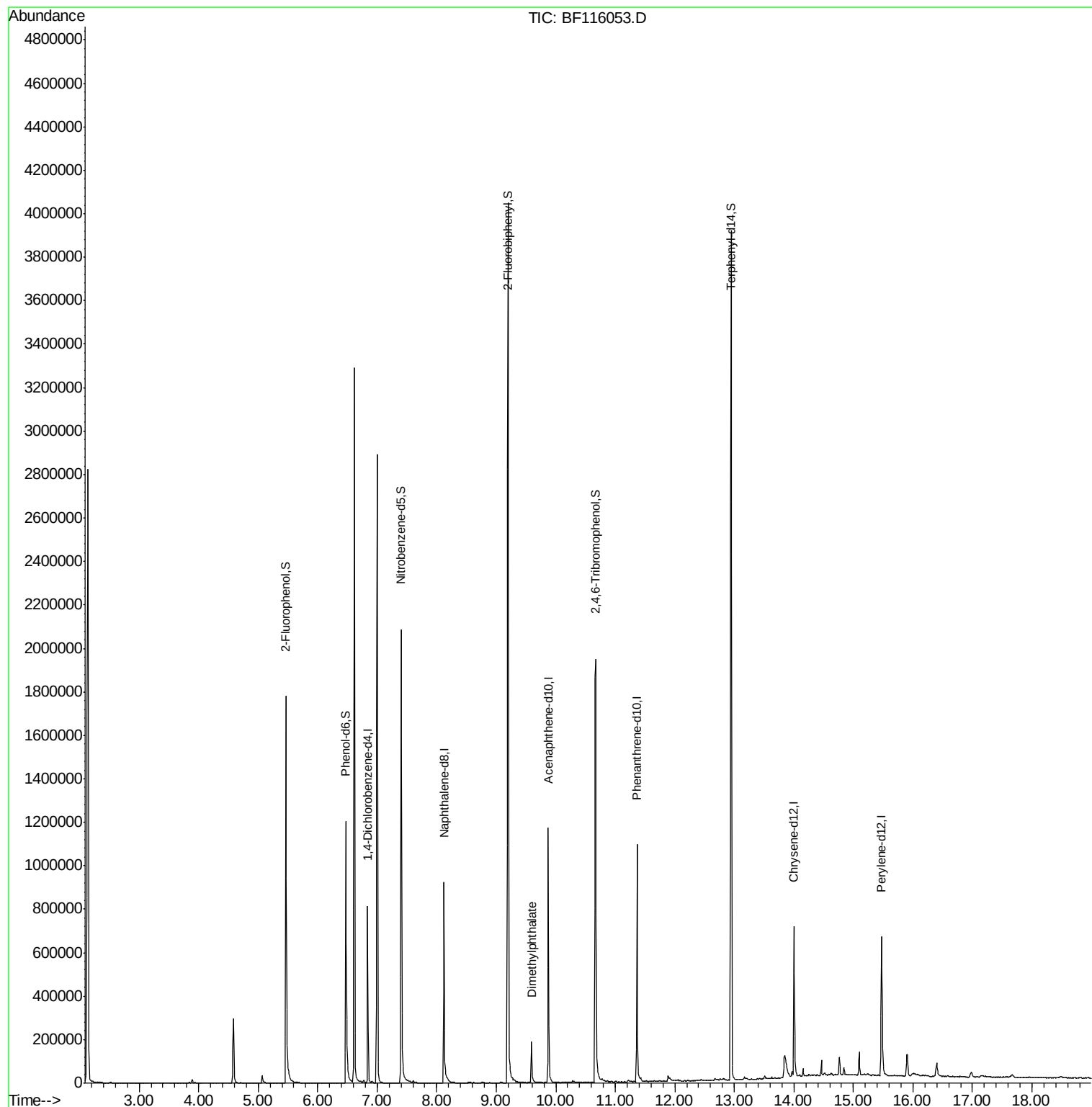
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	129162	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	492519	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	254382	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	430671	20.00	ng	0.00
76) Chrysene-d12	14.00	240	247556	20.00	ng	0.00
87) Perylene-d12	15.47	264	306721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	550880	71.40	ng	0.00
7) Phenol-d6	6.47	99	481492	49.46	ng	-0.01
23) Nitrobenzene-d5	7.40	82	827271	96.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	299223	121.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1400866	103.15	ng	0.00
79) Terphenyl-d14	12.94	244	1359161	115.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	98178	5.668	ng	Qvalue 99

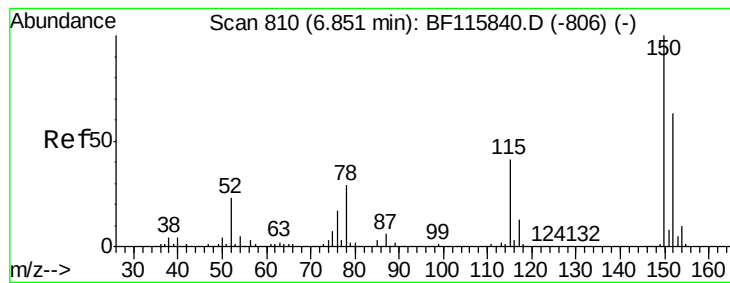
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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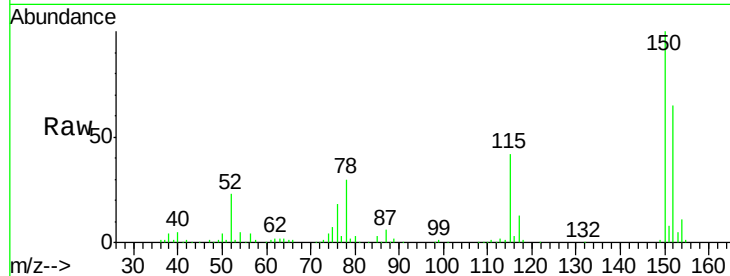


#1

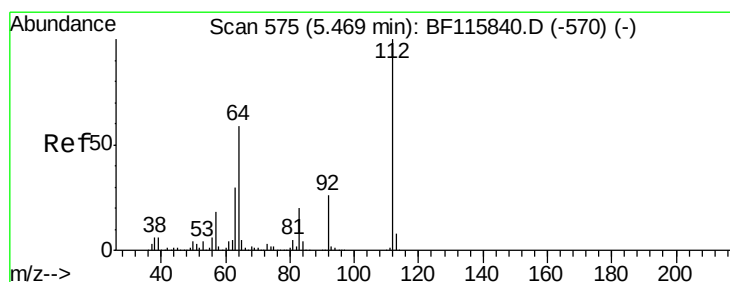
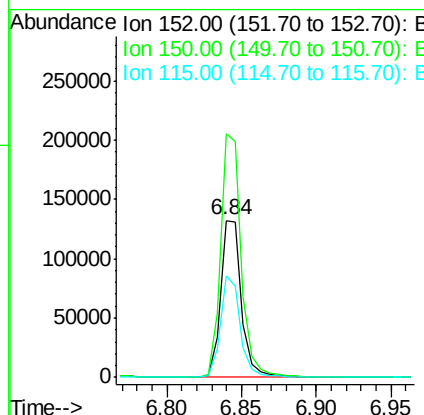
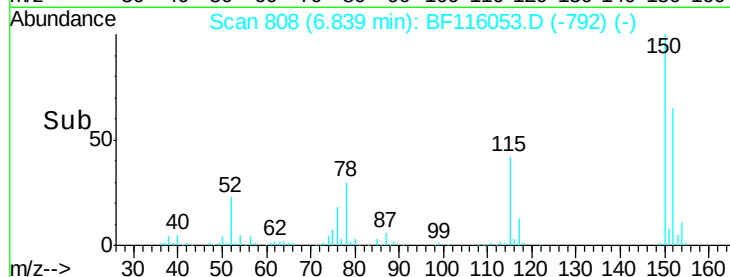
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116053.D
 Acq: 7 Aug 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 399L-241L

Tot Ion:152 Resp: 129162
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.2 189.2
 115 64.5 49.9 74.9



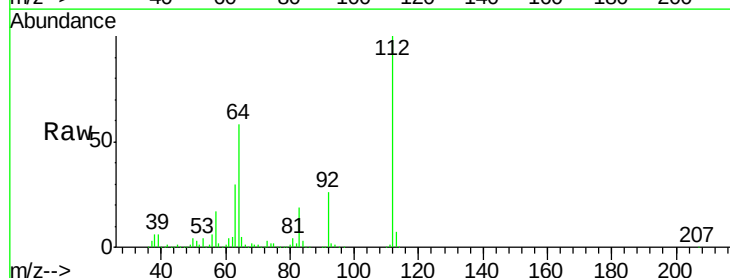
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



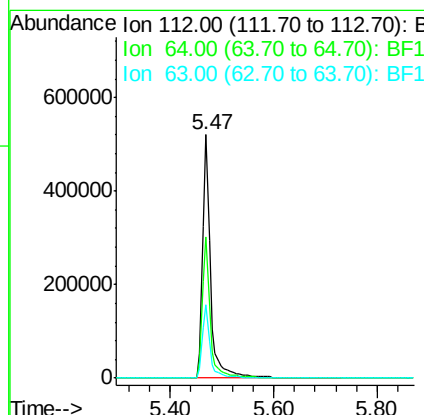
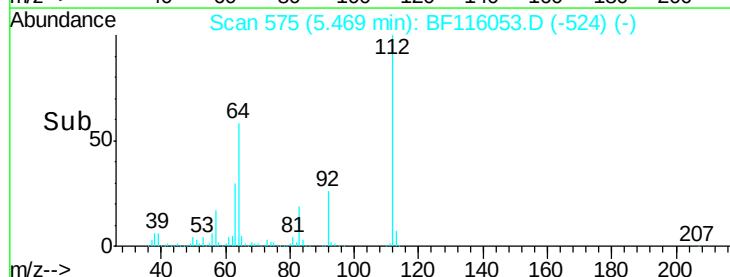
#5

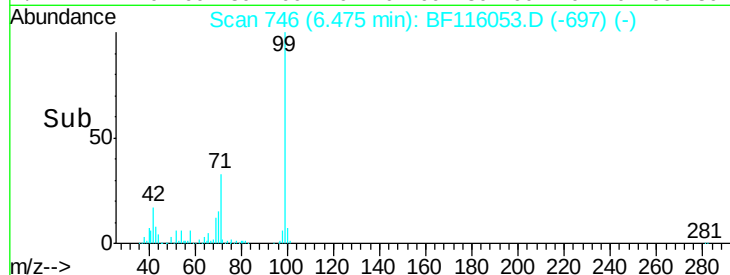
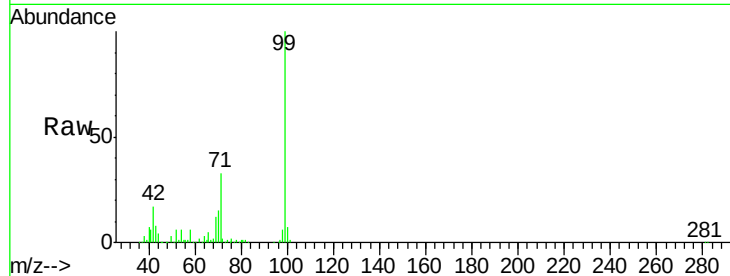
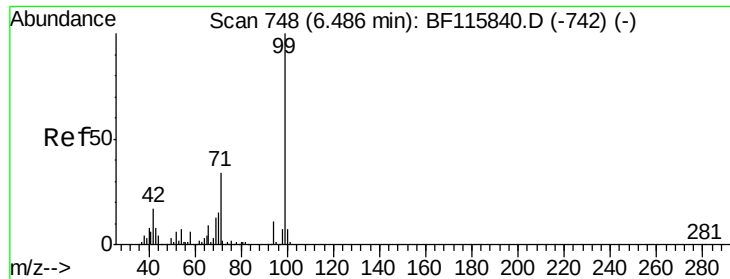
2-Fluorophenol
 Concen: 71.399 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116053.D
 Acq: 7 Aug 2019 18:27

Tgt Ion:112 Resp: 550880
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.4 68.2
 63 30.0 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: 49.463 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

Instrument :

BNA_F

ClientSampleId :

399L-241L

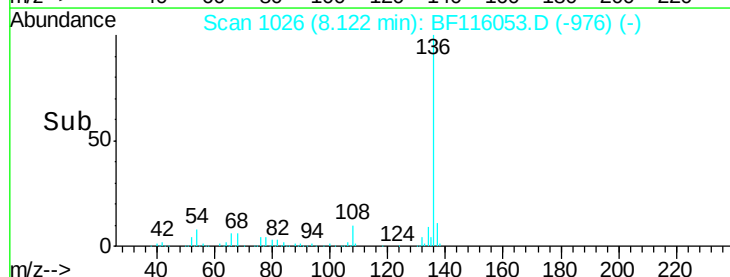
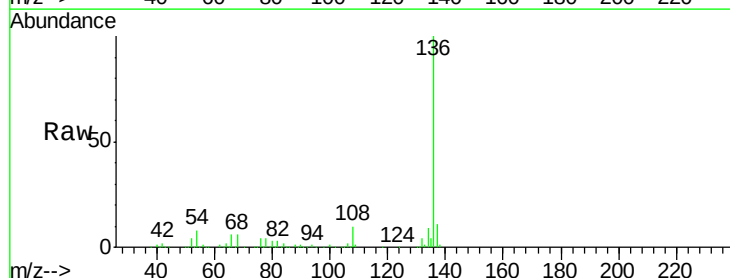
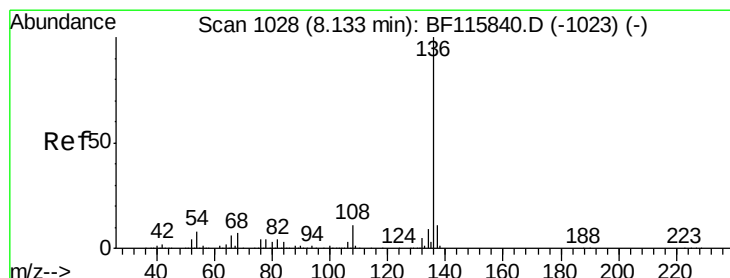
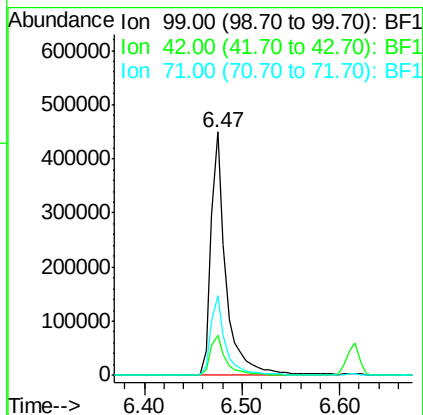
Tot Ion: 99 Resp: 481492

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

71 32.5 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

Tgt Ion: 136 Resp: 492519

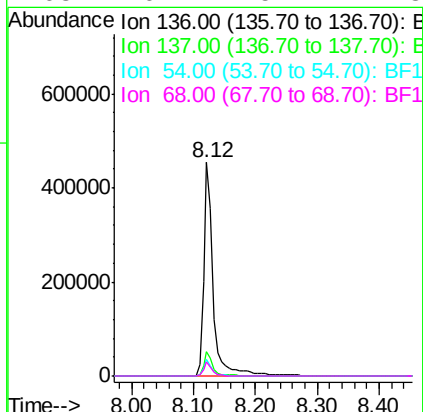
Ion Ratio Lower Upper

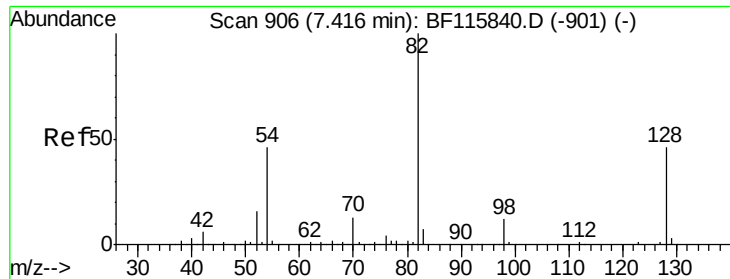
136 100

137 11.3 9.0 13.4

54 7.6 5.8 8.6

68 6.4 5.2 7.8

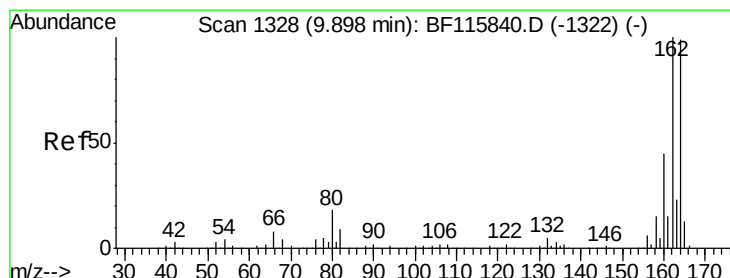
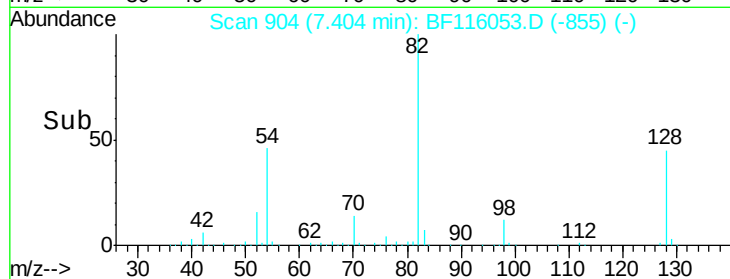
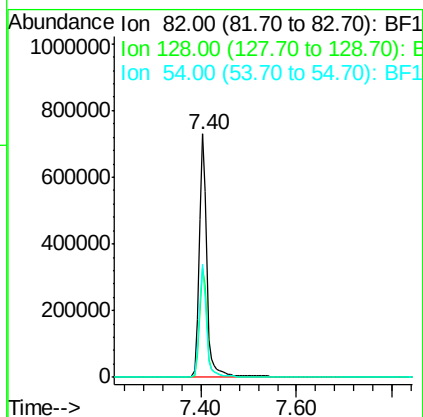
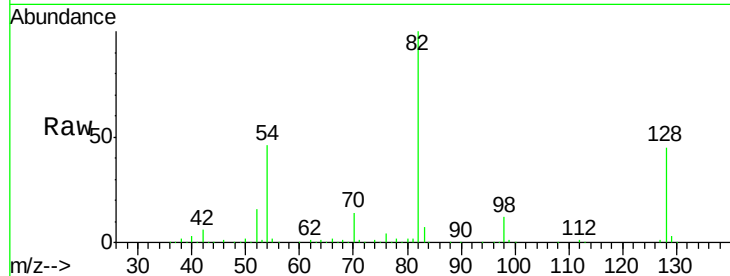




#23
 Nitrobenzene-d5
 Concen: 96.956 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116053.D
 Acq: 7 Aug 2019 18:27

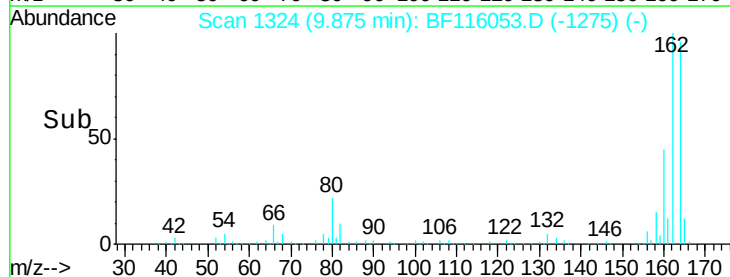
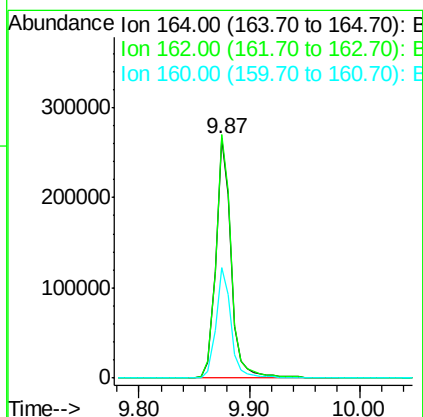
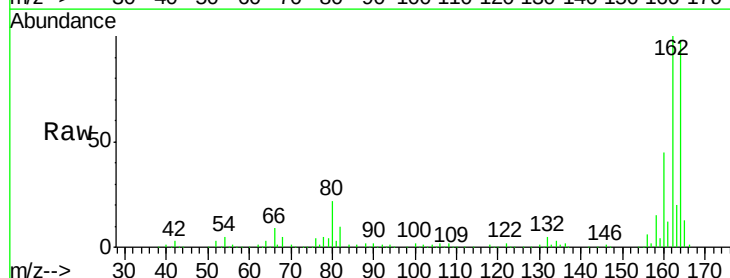
Instrument :
 BNA_F
 ClientSampleID :
 399L-241L

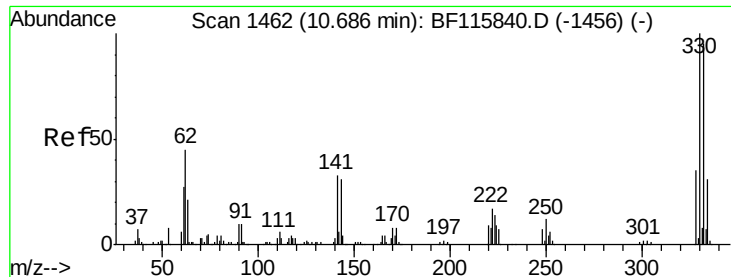
Tot Ion: 82 Resp: 827271
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.5 54.7
 54 46.2 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116053.D
 Acq: 7 Aug 2019 18:27

Tgt Ion: 164 Resp: 254382
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 124.0
 160 46.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 121.324 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

Instrument :

BNA_F

ClientSampleId :

399L-241L

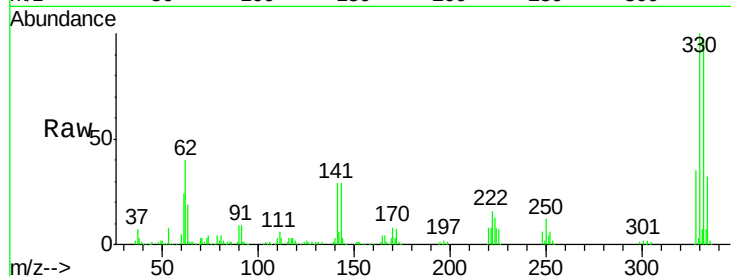
Tot Ion:330 Resp: 299223

Ion Ratio Lower Upper

330 100

332 94.9 76.8 115.2

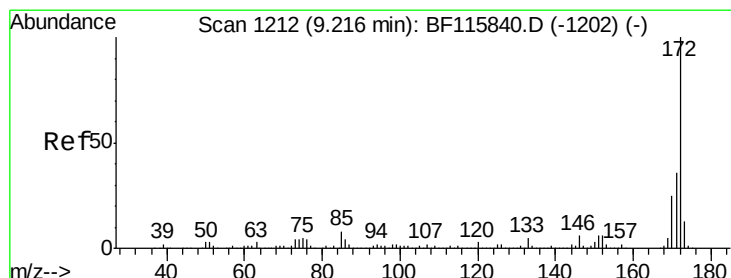
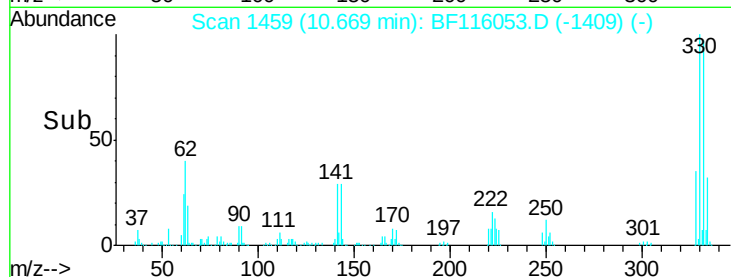
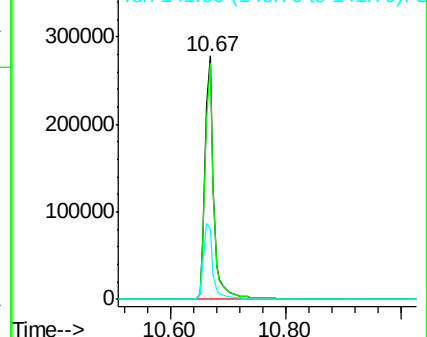
141 33.9 26.3 39.5



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: 103.149 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

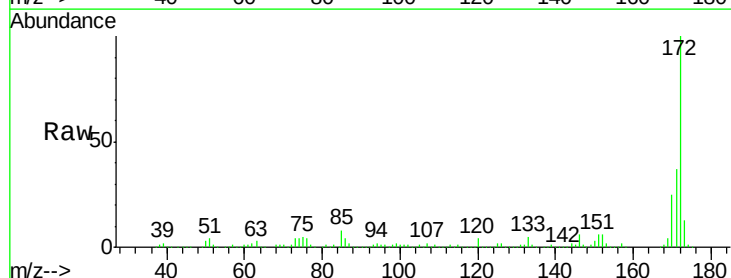
Tgt Ion:172 Resp: 1400866

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

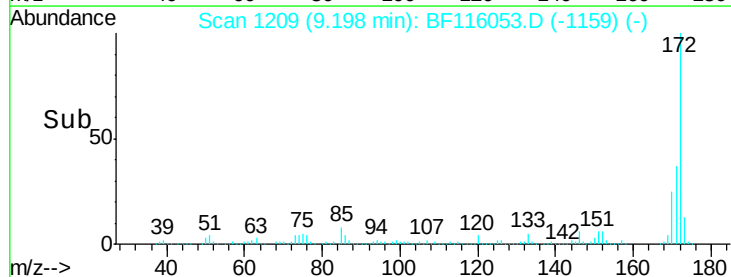
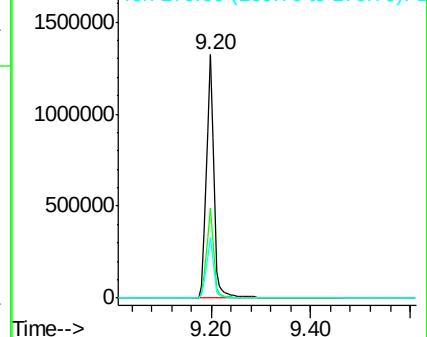
170 25.0 20.1 30.1

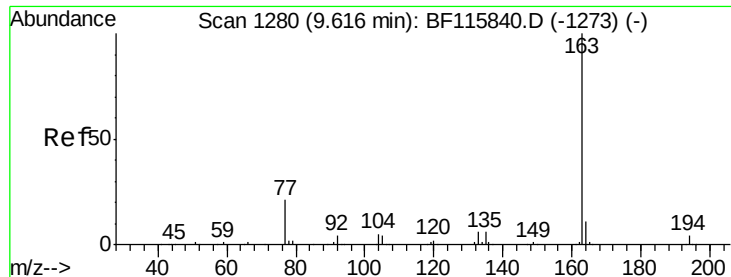


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.668 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

Instrument :

BNA_F

ClientSampleId :

399L-241L

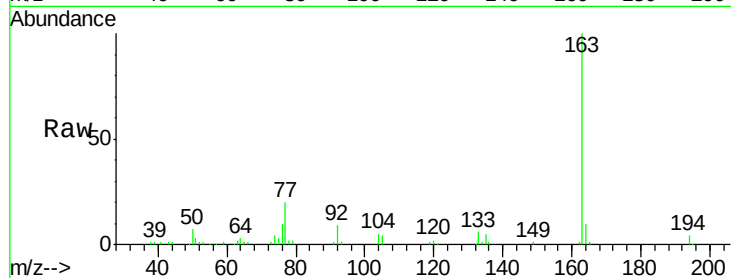
Tot Ion:163 Resp: 98178

Ion Ratio Lower Upper

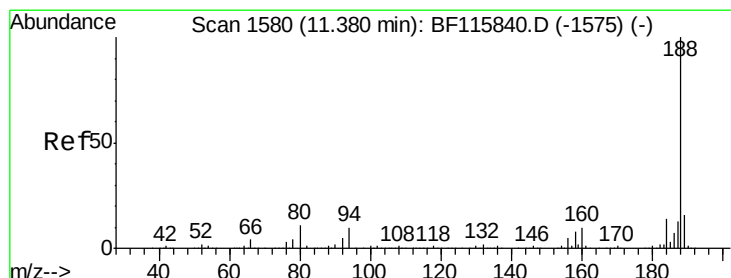
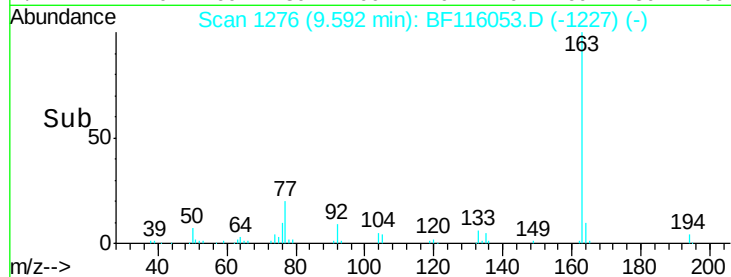
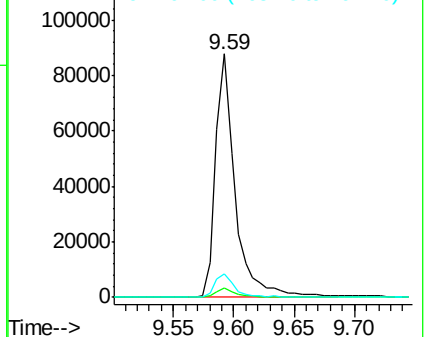
163 100

194 3.7 3.0 4.6

164 9.8 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

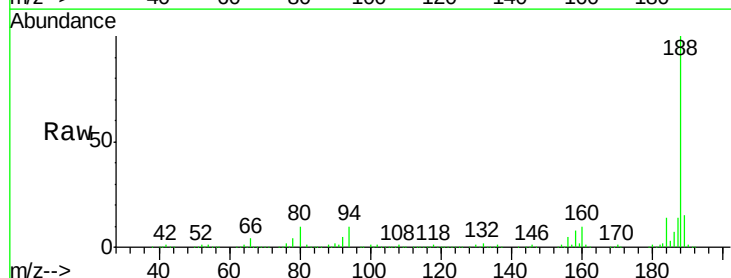
Tgt Ion:188 Resp: 430671

Ion Ratio Lower Upper

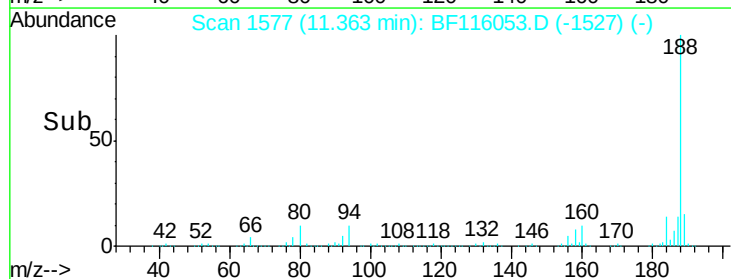
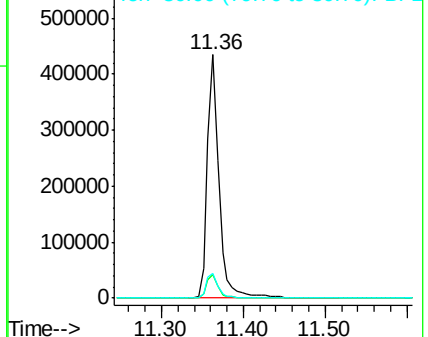
188 100

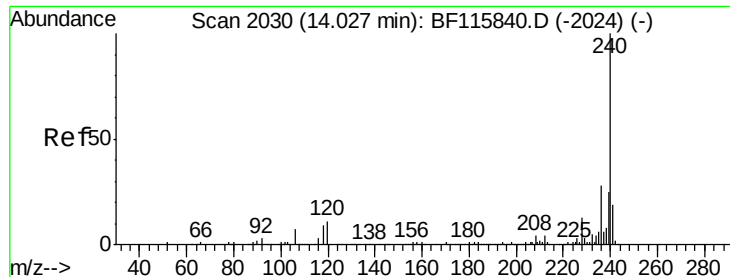
94 9.6 8.1 12.1

80 10.3 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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

Instrument :

BNA_F

ClientSampleId :

399L-241L

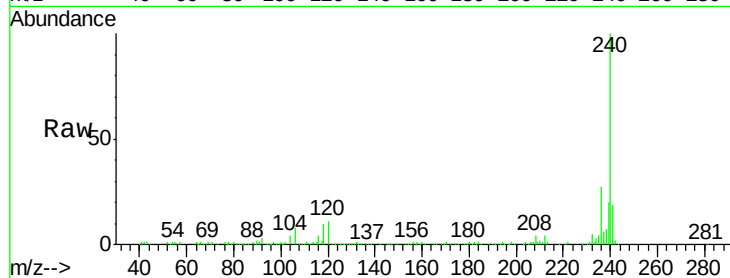
Tot Ion:240 Resp: 247556

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

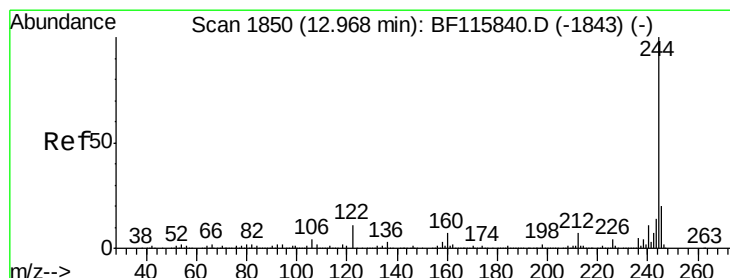
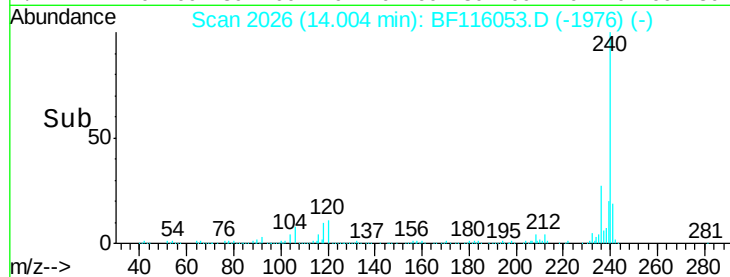
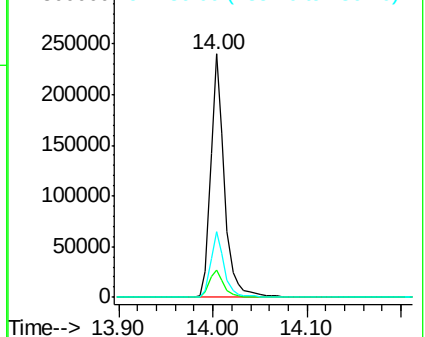
236 26.7 22.2 33.2



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: 115.690 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116053.D

Acq: 7 Aug 2019 18:27

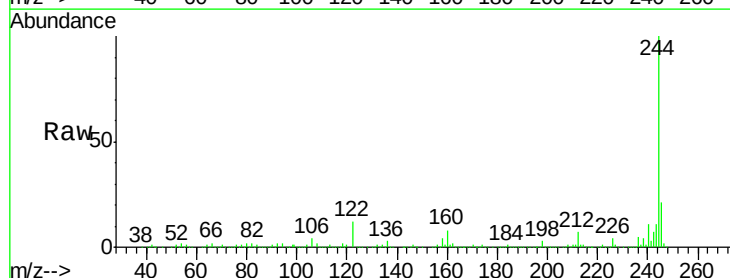
Tgt Ion:244 Resp: 1359161

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

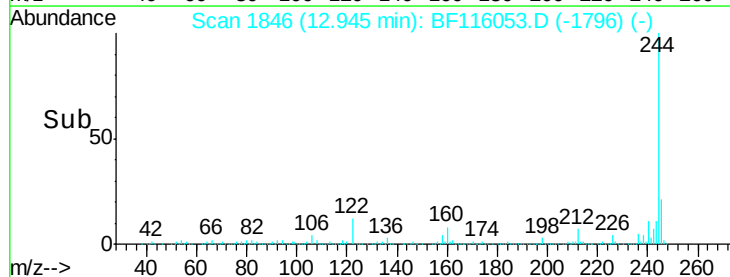
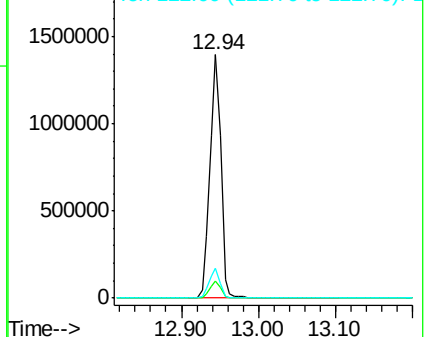
122 12.2 9.0 13.4

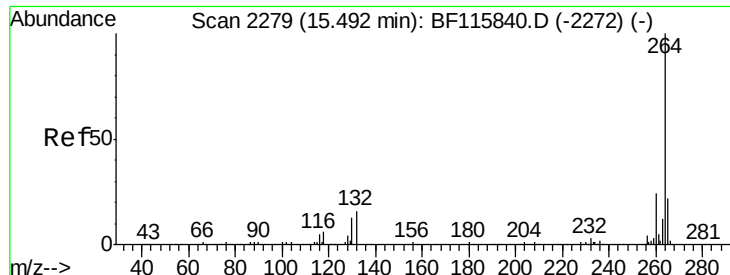


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF116053.D
 Acq: 7 Aug 2019 18:27

Instrument :
 BNA_F
 ClientSampleId :
 399L-241L

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.0	17.4	26.0

