

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116054.D
 Acq On : 7 Aug 2019 18:54
 Operator : HP/JU
 Sample : K4154-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-1

Quant Time: Aug 08 08:12:14 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

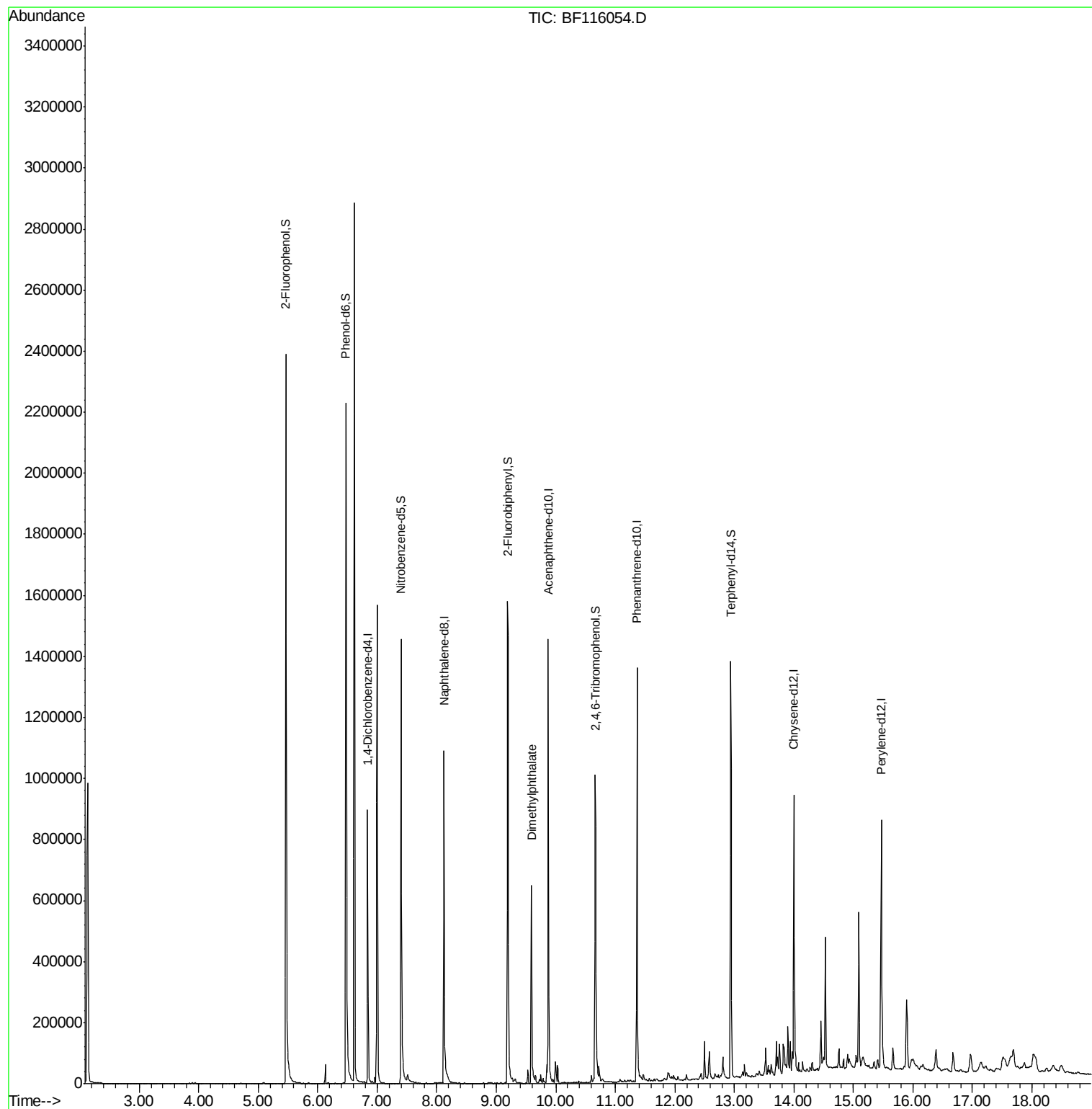
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145214	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	584336	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	304854	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	520456	20.00	ng	0.00
76) Chrysene-d12	14.00	240	307555	20.00	ng	0.00
87) Perylene-d12	15.47	264	372155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	739591	85.26	ng	0.00
7) Phenol-d6	6.48	99	969445	88.58	ng	0.00
23) Nitrobenzene-d5	7.40	82	542031	53.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	149983	50.74	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	572435	35.17	ng	-0.01
79) Terphenyl-d14	12.94	244	470392	32.23	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	334761	16.128	ng	99

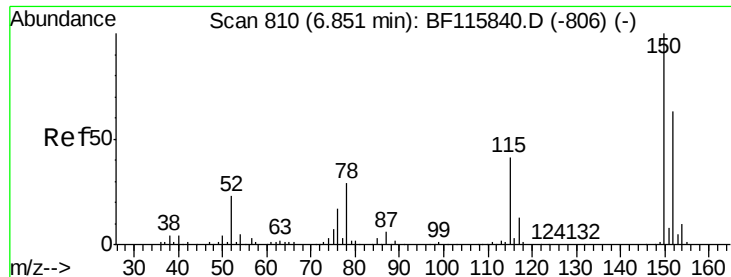
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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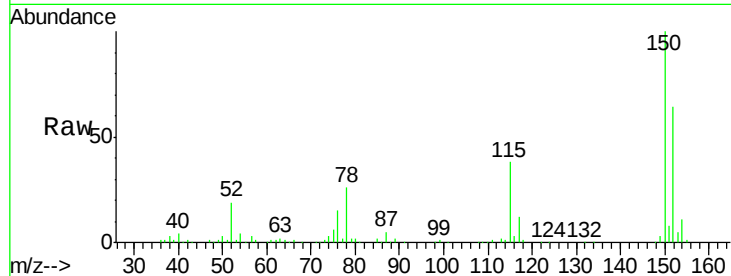


#1

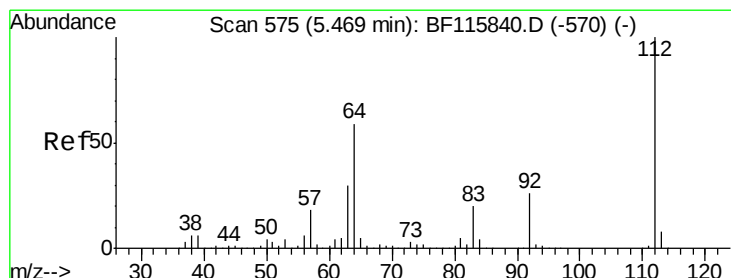
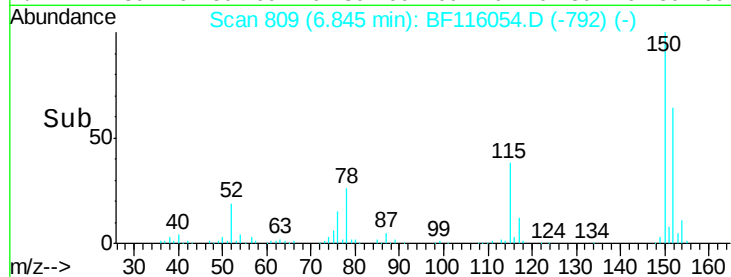
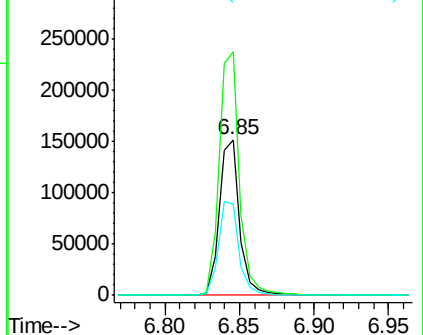
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF116054.D
Acq: 7 Aug 2019 18:54

Instrument :
BNA_F
ClientSampleId :
PS-1

Tot Ion:152 Resp: 145214
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 59.0 49.9 74.9



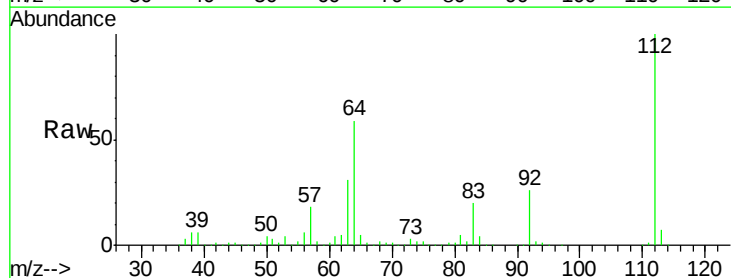
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



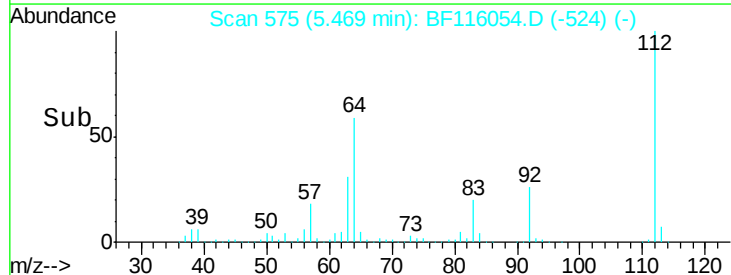
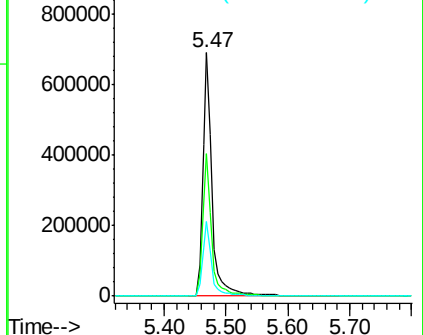
#5

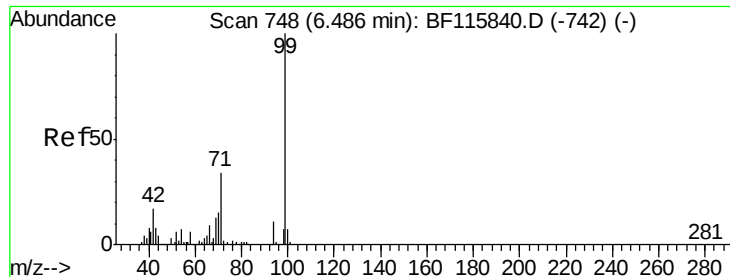
2-Fluorophenol
Concen: 85.262 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116054.D
Acq: 7 Aug 2019 18:54

Tgt Ion:112 Resp: 739591
Ion Ratio Lower Upper
112 100
64 58.6 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: 88.581 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

Instrument :

BNA_F

ClientSampleId :

PS-1

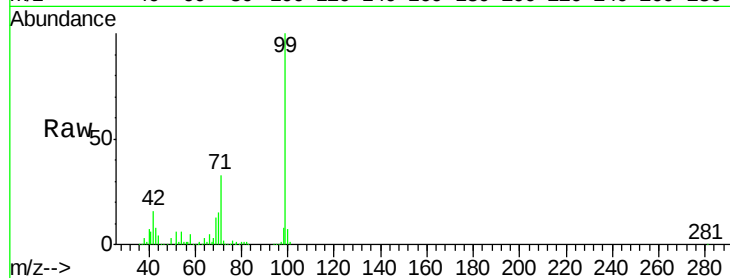
Tot Ion: 99 Resp: 969445

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.8

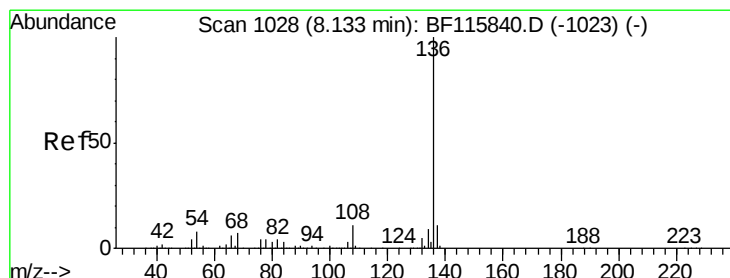
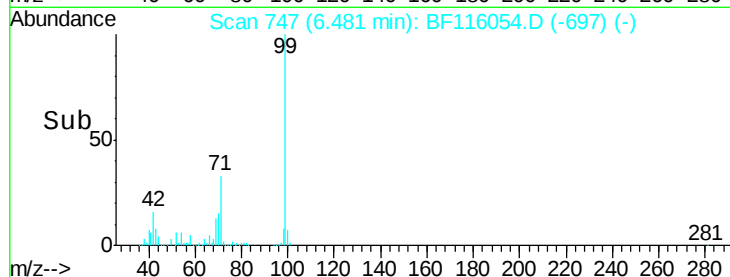
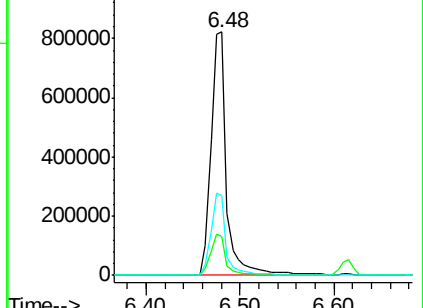
71 32.9 27.3 40.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

Tgt Ion: 136 Resp: 584336

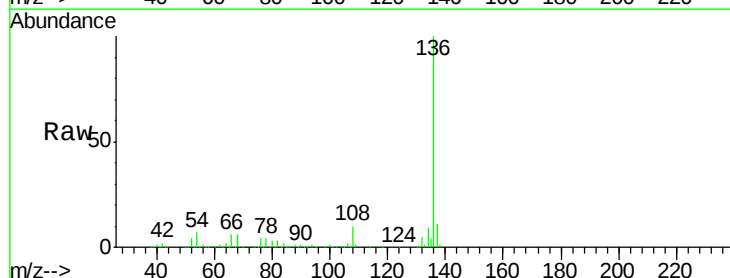
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.1 5.8 8.6

68 6.4 5.2 7.8

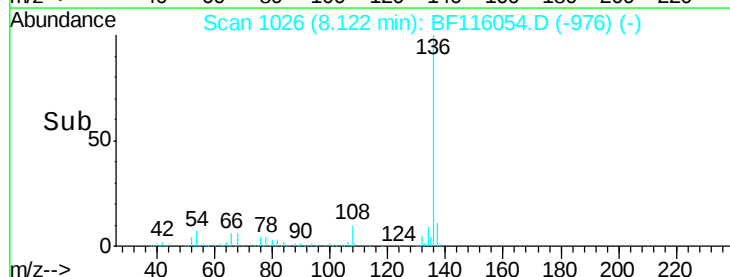
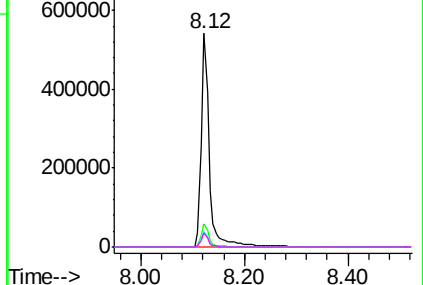


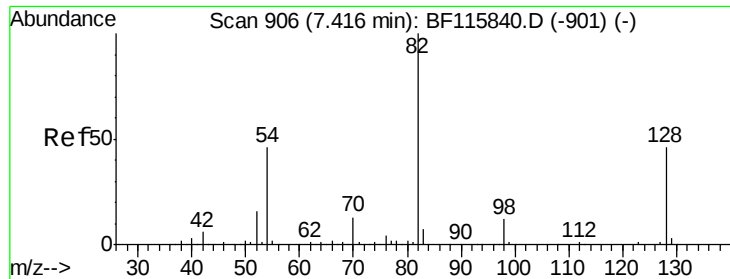
Abundance Ion 136.00 (135.70 to 136.70): E

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

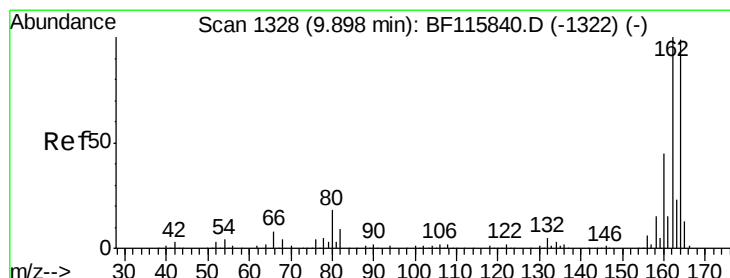
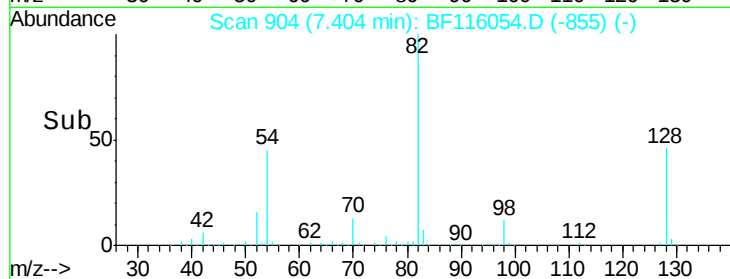
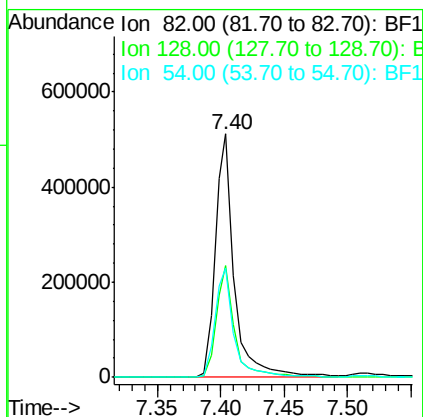
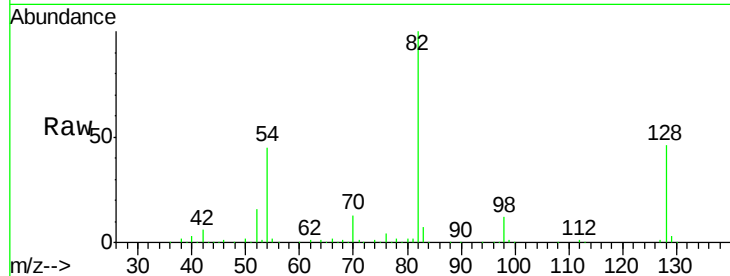




#23
 Nitrobenzene-d5
 Concen: 53.544 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116054.D
 Acq: 7 Aug 2019 18:54

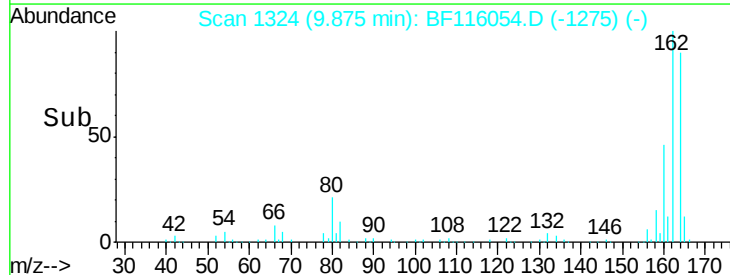
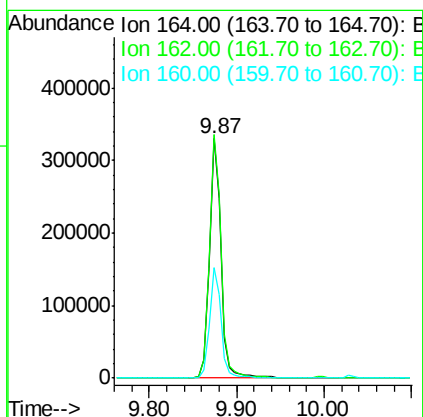
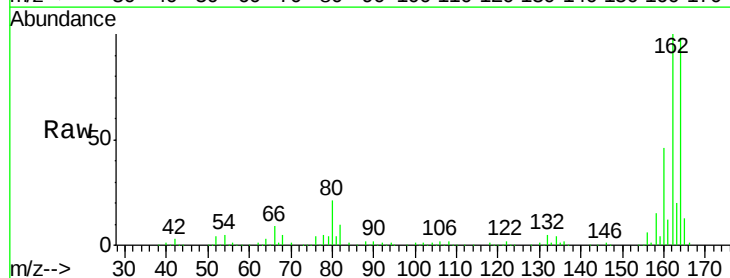
Instrument :
 BNA_F
 ClientSampleId :
 PS-1

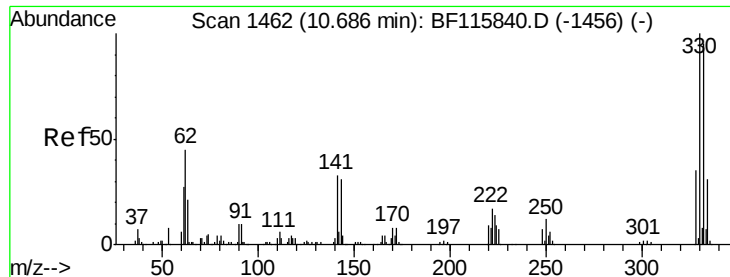
Tot Ion: 82 Resp: 542031
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.5 54.7
 54 45.0 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116054.D
 Acq: 7 Aug 2019 18:54

Tgt Ion:164 Resp: 304854
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 124.0
 160 46.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 50.745 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

Instrument :

BNA_F

ClientSampleId :

PS-1

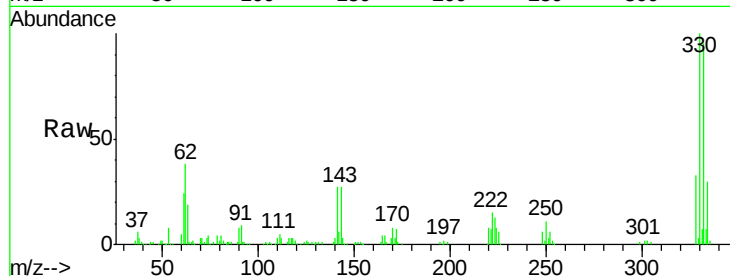
Tot Ion:330 Resp: 149983

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

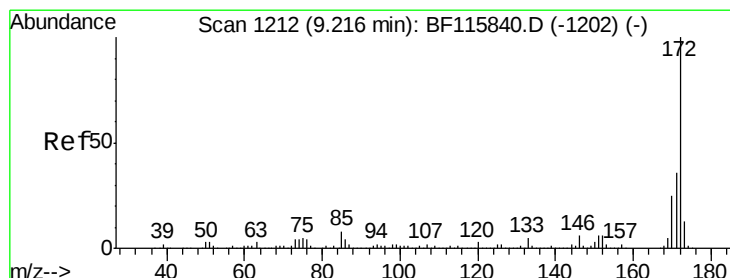
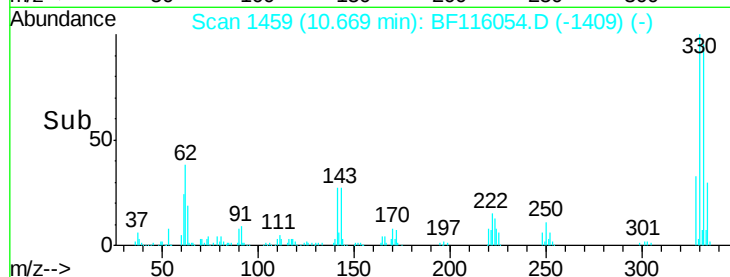
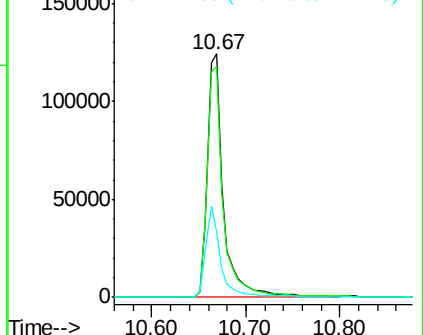
141 34.8 26.3 39.5



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: 35.171 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

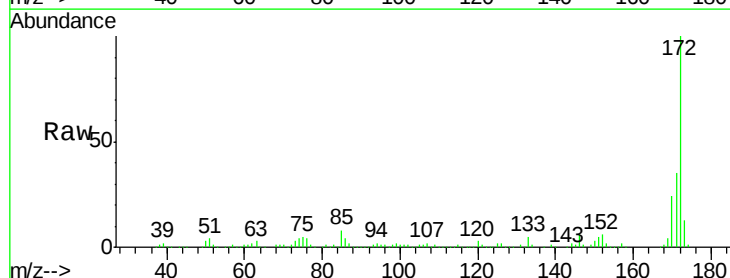
Tgt Ion:172 Resp: 572435

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

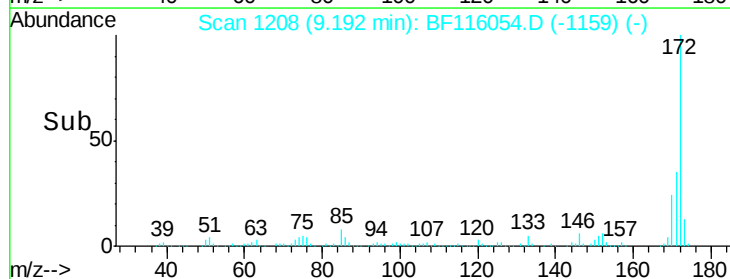
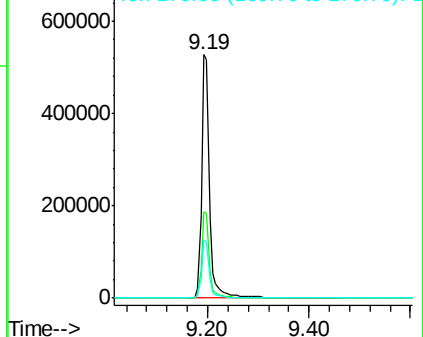
170 23.9 20.1 30.1

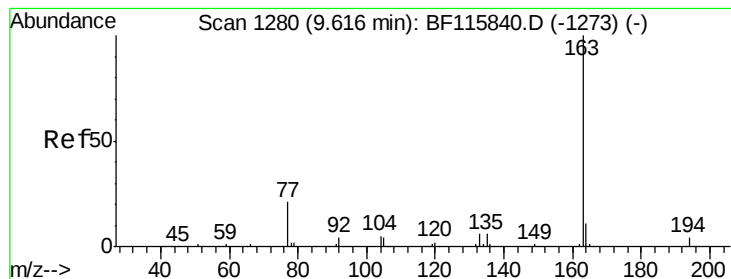


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 16.128 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

Instrument :

BNA_F

ClientSampleId :

PS-1

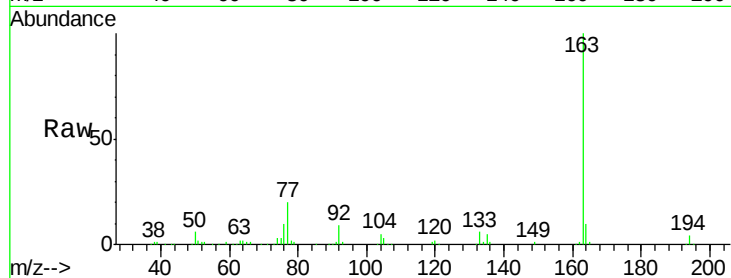
Tot Ion:163 Resp: 334761

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.8 8.4 12.6

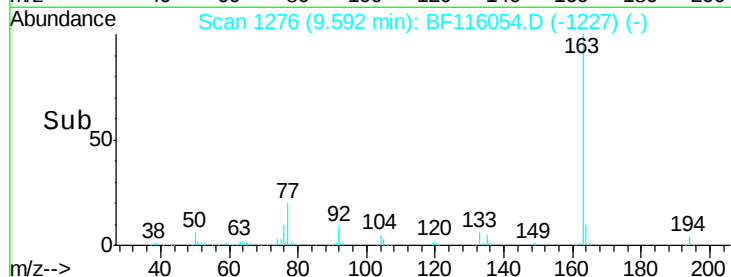


Abundance Ion 163.00 (162.70 to 163.70): E

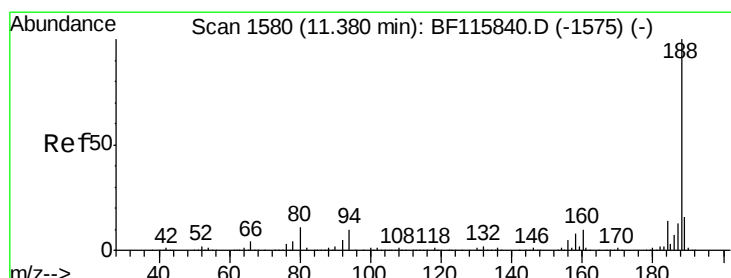
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

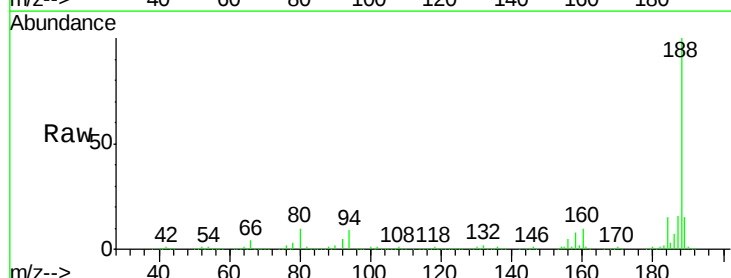
Tgt Ion:188 Resp: 520456

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

80 10.5 8.7 13.1

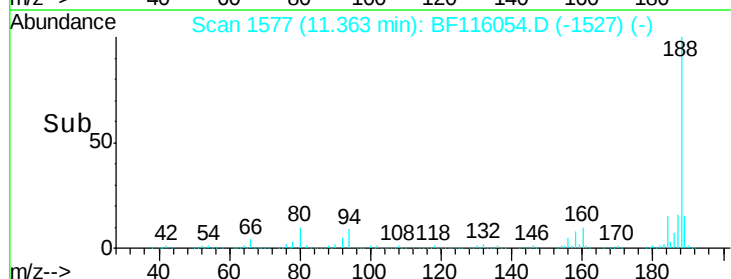


Abundance Ion 188.00 (187.70 to 188.70): E

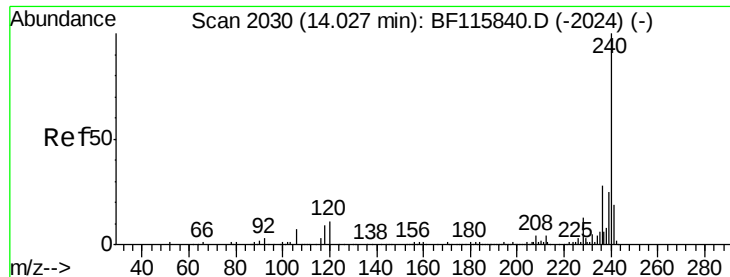
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

Instrument :

BNA_F

ClientSampleId :

PS-1

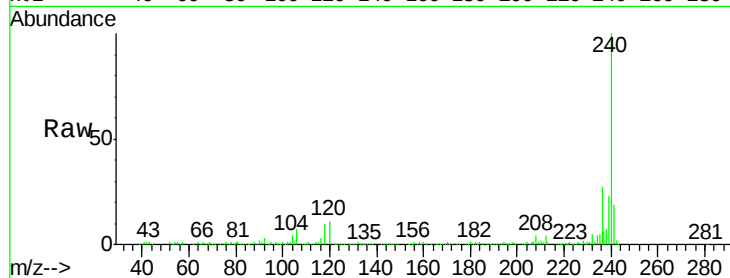
Tot Ion:240 Resp: 307555

Ion Ratio Lower Upper

240 100

120 10.8 10.7 16.1

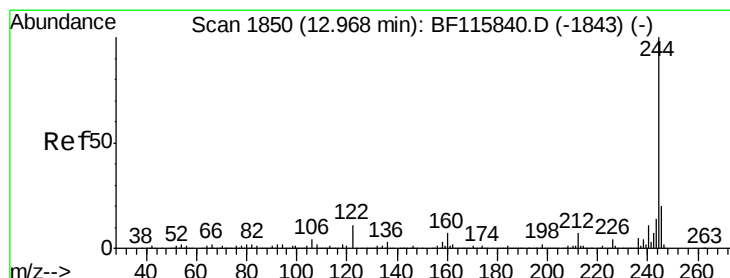
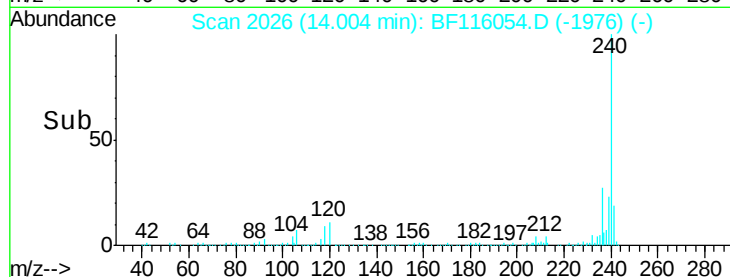
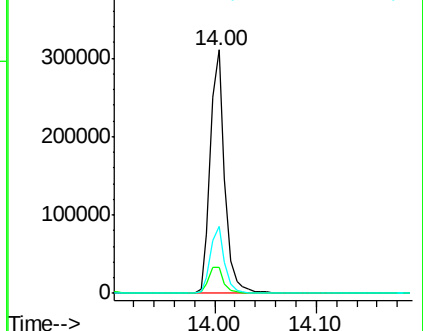
236 27.5 22.2 33.2



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: 32.228 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116054.D

Acq: 7 Aug 2019 18:54

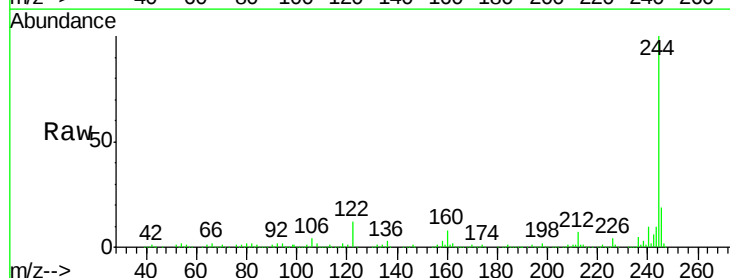
Tgt Ion:244 Resp: 470392

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

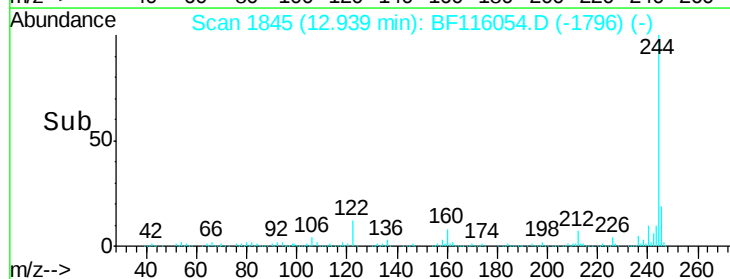
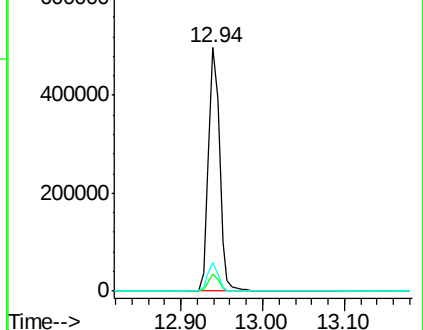
122 11.9 9.0 13.4

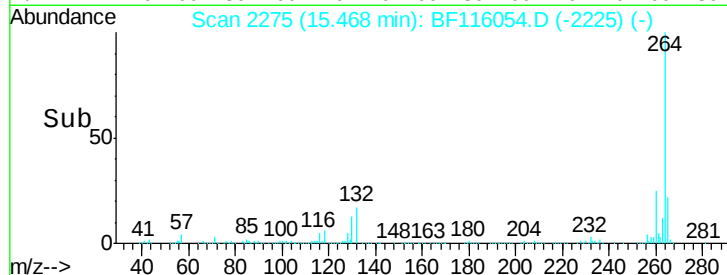
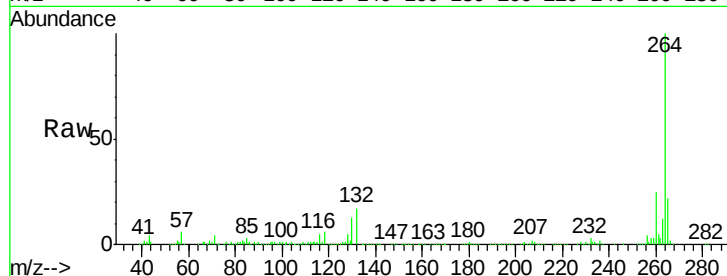
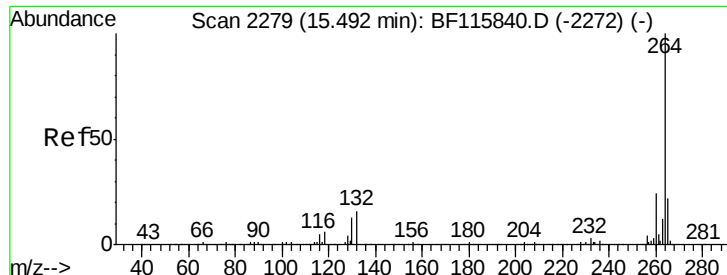


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF116054.D
 Acq: 7 Aug 2019 18:54

Instrument :
 BNA_F
 ClientSampleId :
 PS-1

Tot Ion:	264	Resp:	372155
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	17.4	26.0

