

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116170.D
 Acq On : 11 Aug 2019 2:44
 Operator : HP/JU
 Sample : K4293-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Aug 12 04:14:32 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

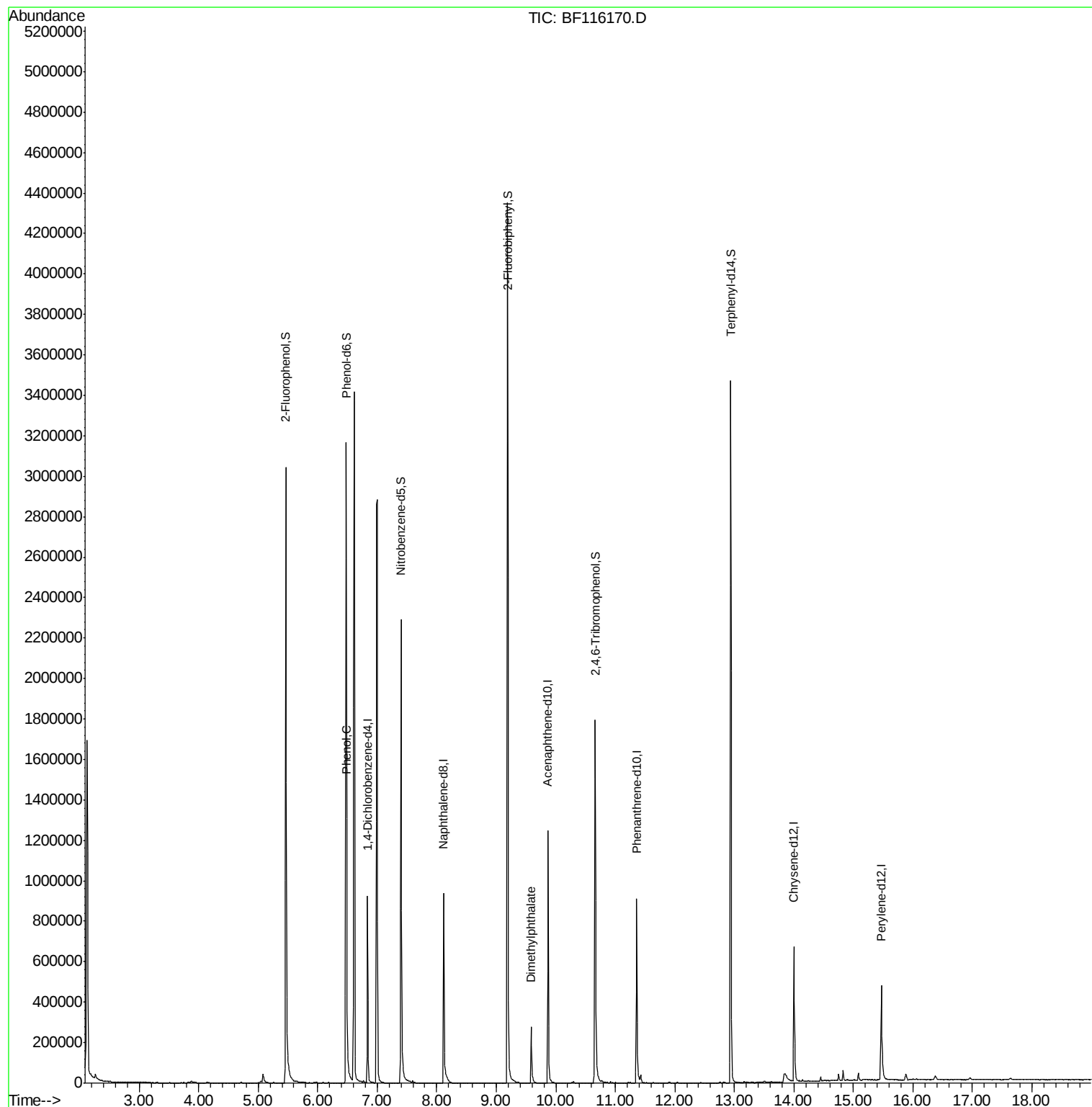
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142380	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	545638	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	270868	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	410286	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	277496	20.00	ng	0.00
87) Perylene-d12	15.47	264	276604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1013064	119.11	ng	0.00
7) Phenol-d6	6.48	99	1335345	124.44	ng	0.00
23) Nitrobenzene-d5	7.40	82	879680	93.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	269222	102.52	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1486506	102.79	ng	-0.01
79) Terphenyl-d14	12.94	244	1246581	94.66	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	25544	2.021	ng	97
50) Dimethylphthalate	9.59	163	160239	8.688	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: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

Instrument :

BNA_F

ClientSampleId :

PE-4

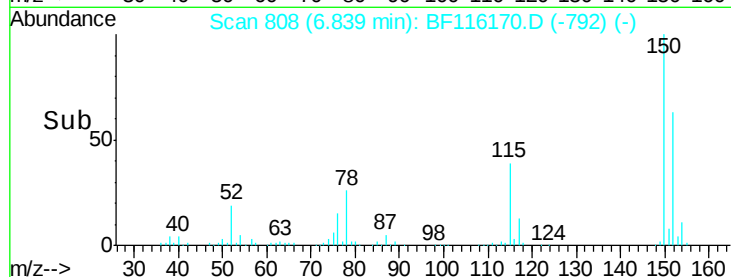
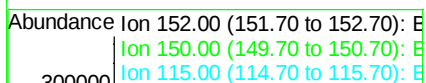
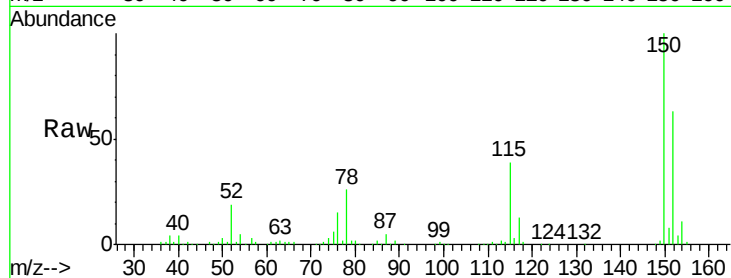
Tot Ion:152 Resp: 142380

Ion Ratio Lower Upper

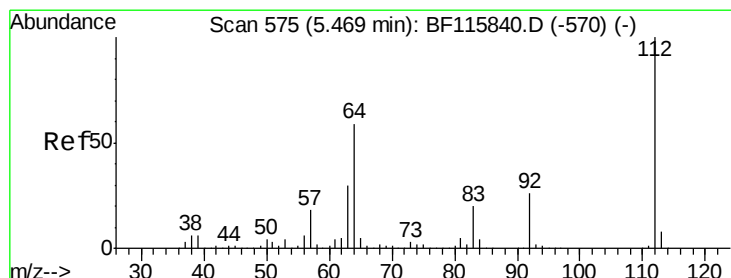
152 100

150 158.3 126.2 189.2

115 61.2 49.9 74.9



Time-->



#5

2-Fluorophenol

Concen: 119.113 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

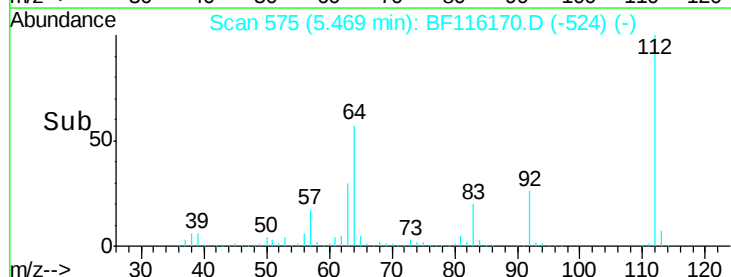
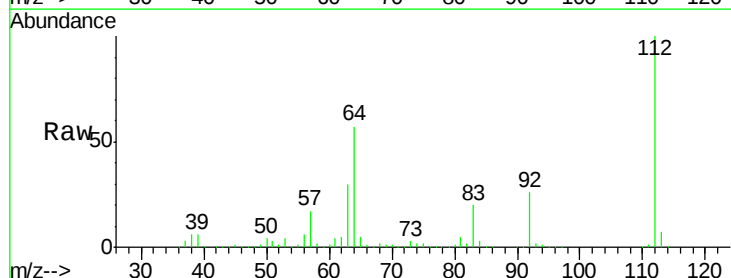
Tgt Ion:112 Resp: 1013064

Ion Ratio Lower Upper

112 100

64 57.3 45.4 68.2

63 29.8 23.7 35.5



Time-->



#7

Phenol-d6

Concen: 124.442 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

Instrument :

BNA_F

ClientSampleId :

PE-4

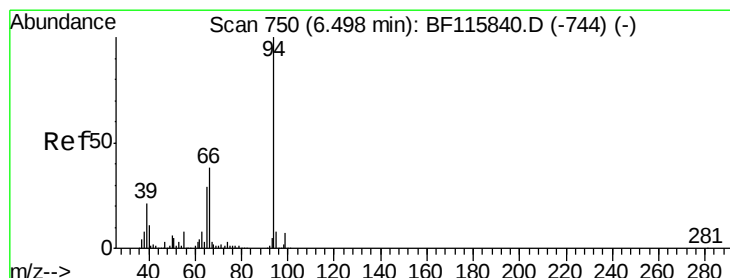
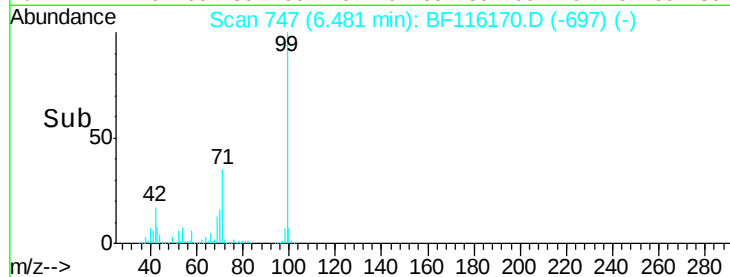
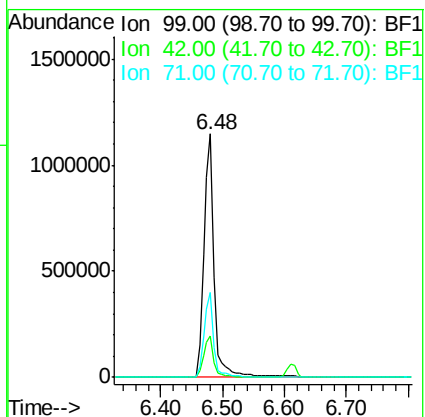
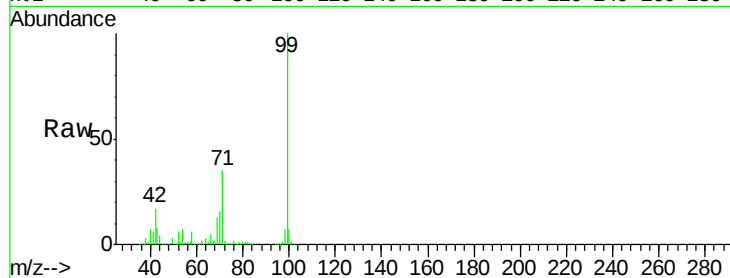
Tot Ion: 99 Resp: 1335345

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

71 34.7 27.3 40.9



#10

Phenol

Concen: 2.021 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

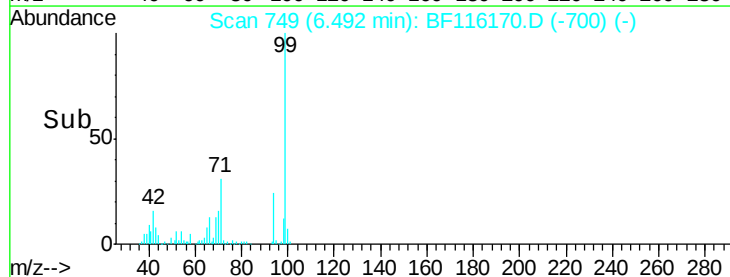
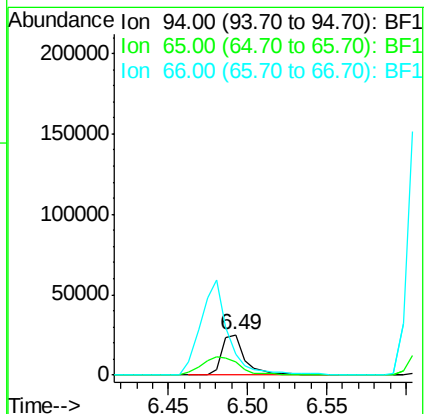
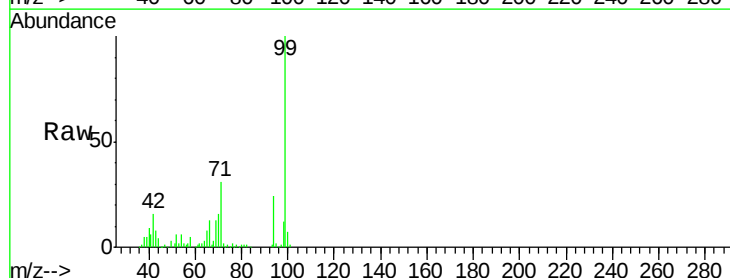
Tgt Ion: 94 Resp: 25544

Ion Ratio Lower Upper

94 100

65 32.9 16.8 56.8

66 53.3 34.2 74.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

Instrument :

BNA_F

ClientSampleId :

PE-4

Tot Ion:136 Resp: 545638

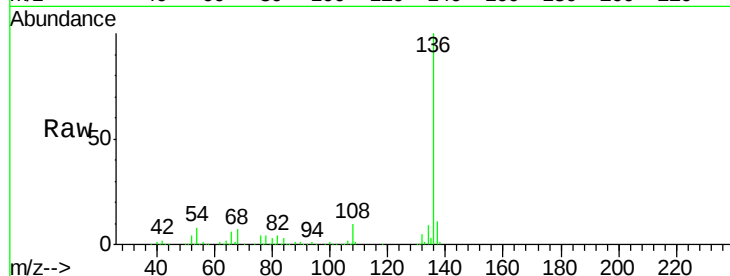
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.6 5.8 8.6

68 6.6 5.2 7.8

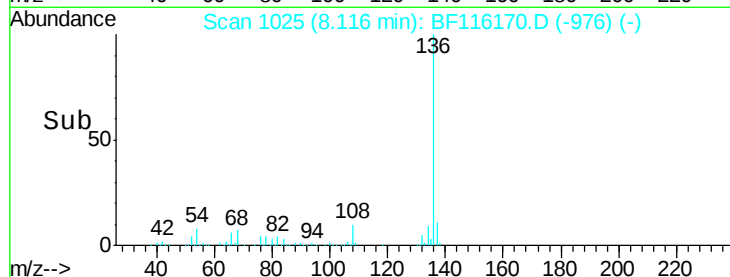


Abundance Ion 136.00 (135.70 to 136.70): E

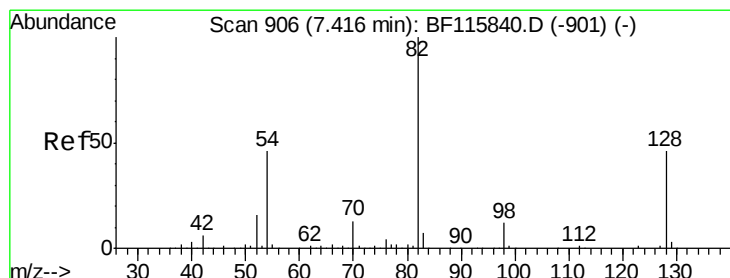
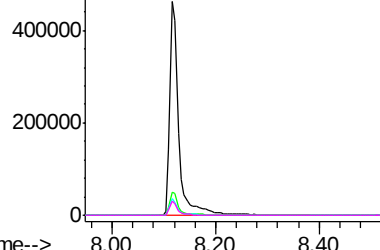
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 93.061 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

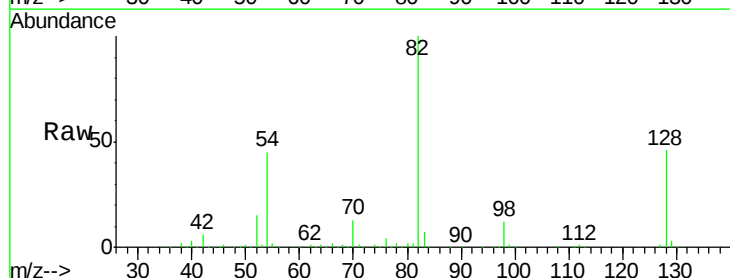
Tgt Ion: 82 Resp: 879680

Ion Ratio Lower Upper

82 100

128 46.4 36.5 54.7

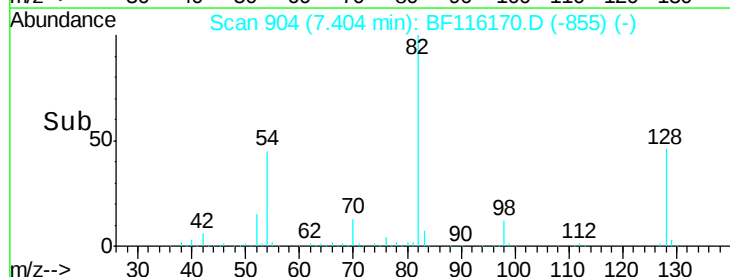
54 44.6 36.0 54.0



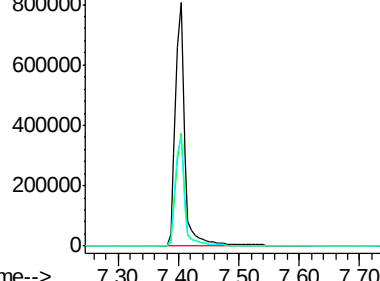
Abundance Ion 82.00 (81.70 to 82.70): BF1

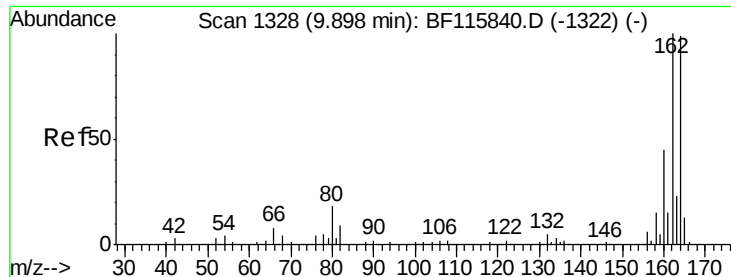
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

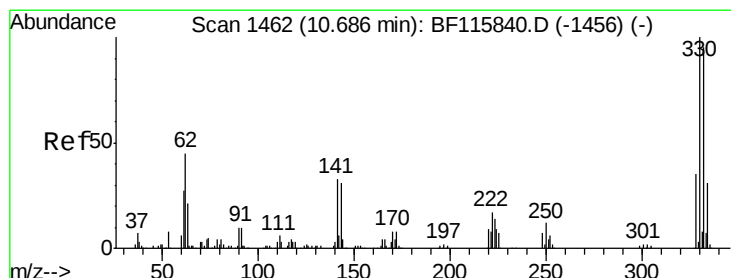
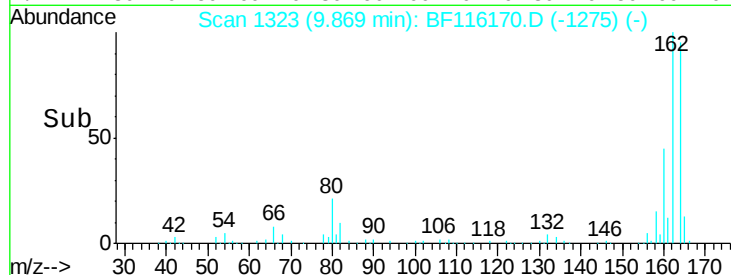
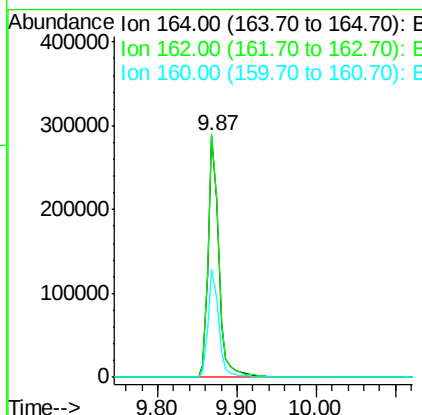
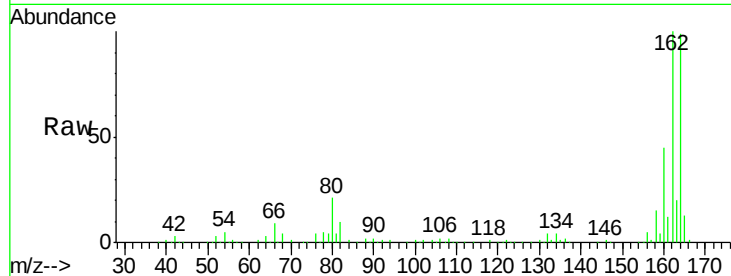




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

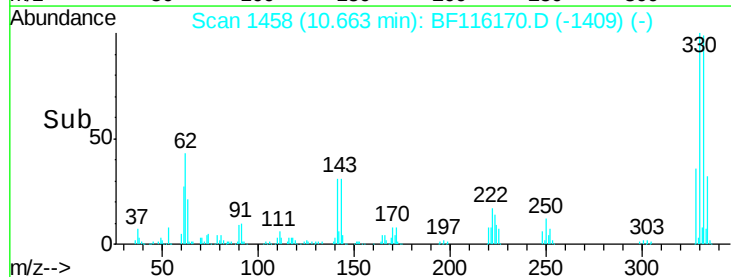
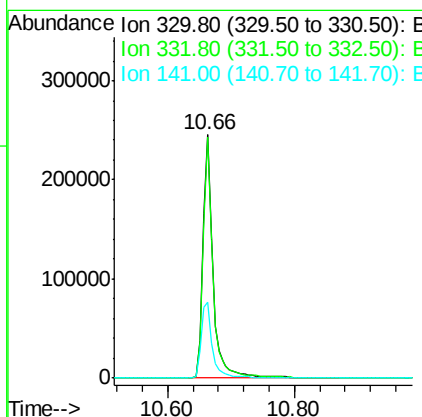
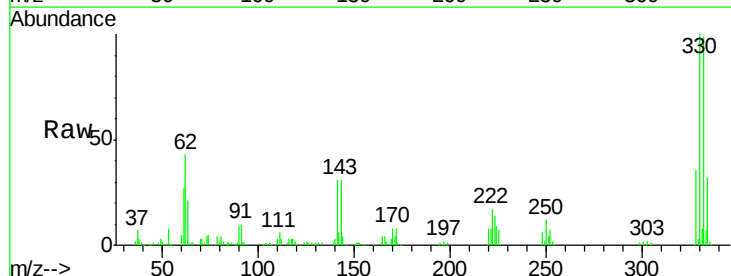
Instrument :
BNA_F
ClientSampleId :
PE-4

Tot Ion:164 Resp: 270868
Ion Ratio Lower Upper
164 100
162 100.9 82.6 124.0
160 45.0 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 102.516 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Tgt Ion:330 Resp: 269222
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 34.4 26.3 39.5

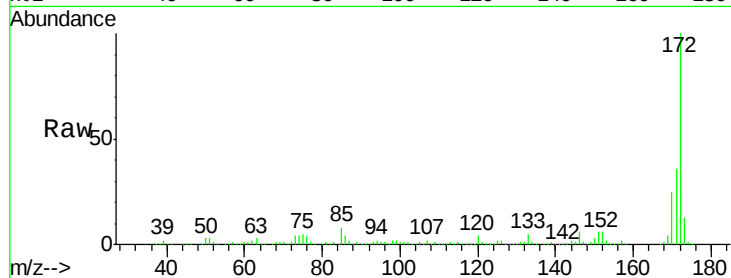




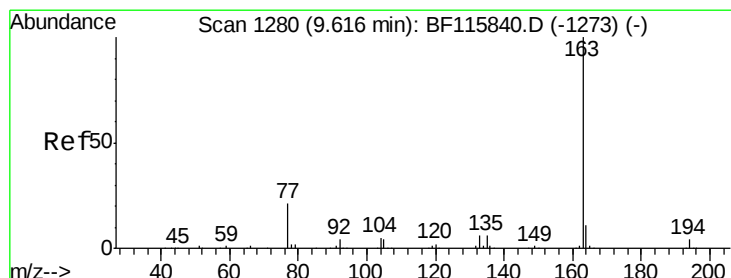
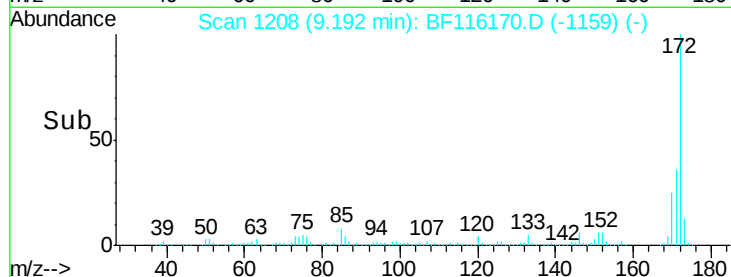
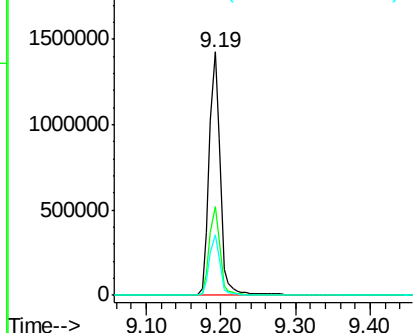
#45
2-Fluorobiphenyl
Concen: 102.793 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Instrument :
BNA_F
ClientSampleId :
PE-4

Tot Ion:172 Resp: 1486506
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 25.0 20.1 30.1

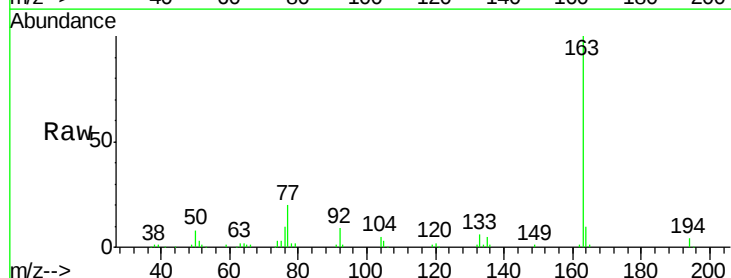


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

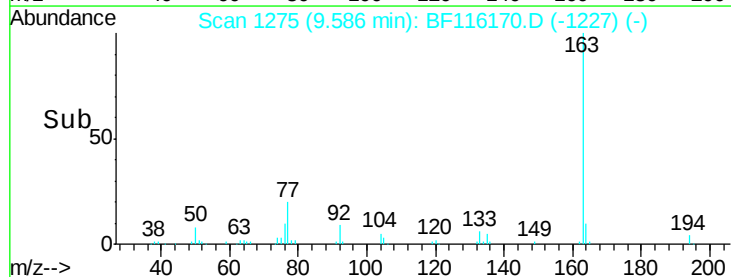
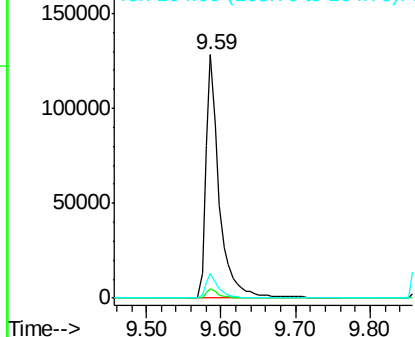


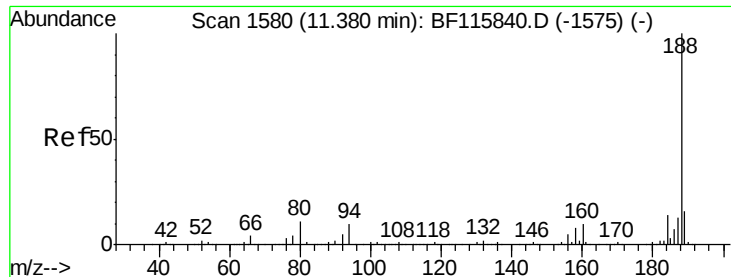
#50
Dimethylphthalate
Concen: 8.688 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Tgt Ion:163 Resp: 160239
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 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

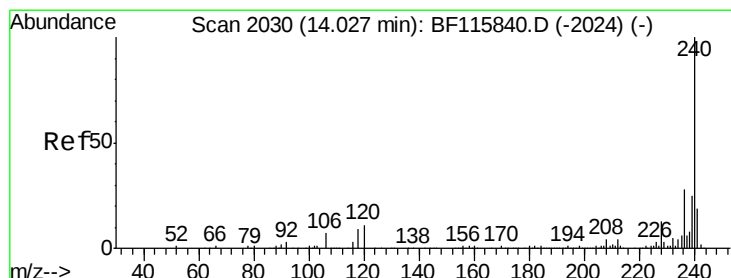
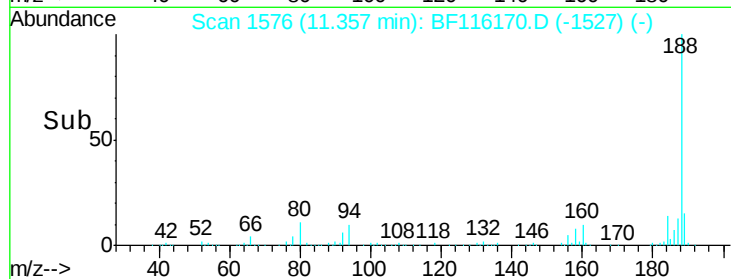
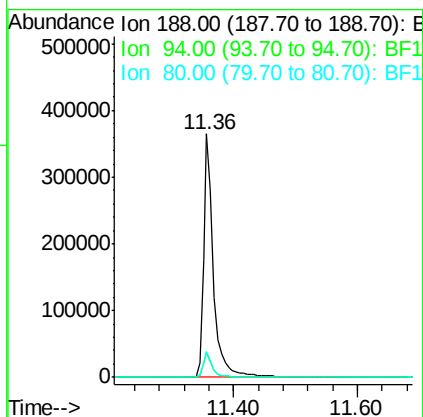
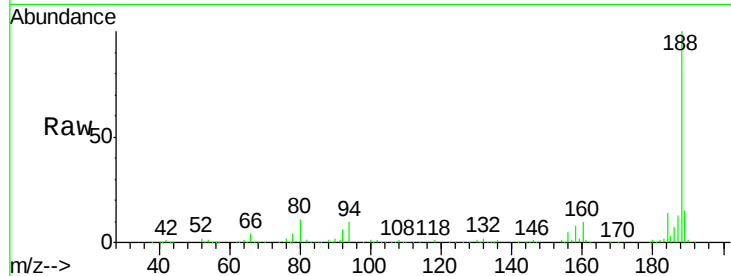




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

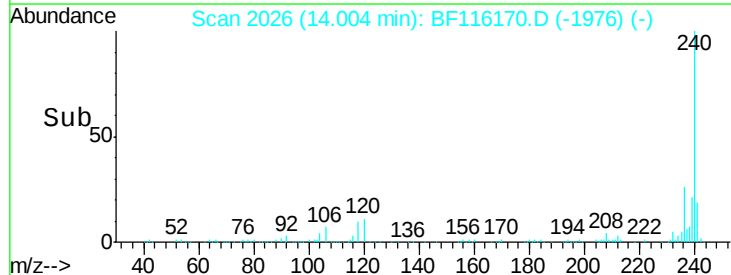
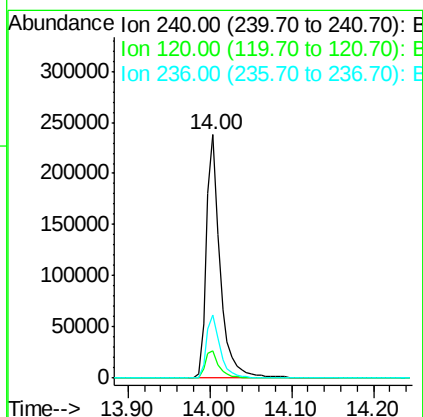
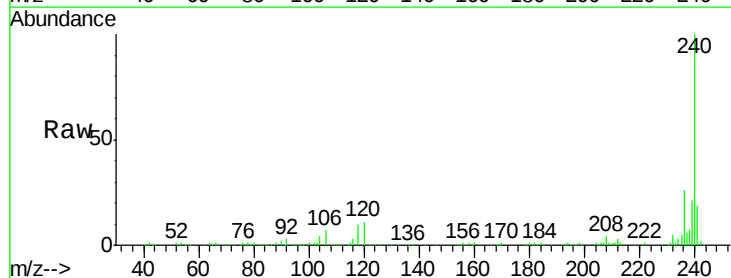
Instrument :
BNA_F
ClientSampleId :
PE-4

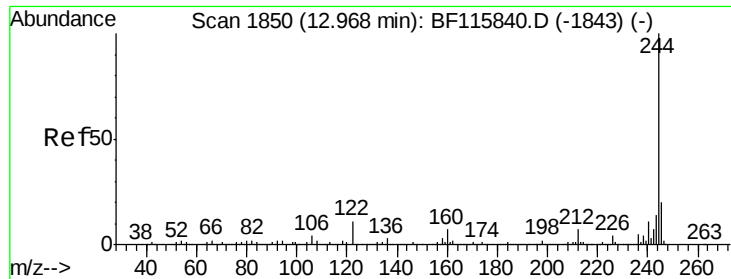
Tot Ion:188 Resp: 410286
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.9 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Tgt Ion:240 Resp: 277496
Ion Ratio Lower Upper
240 100
120 11.2 10.7 16.1
236 25.9 22.2 33.2



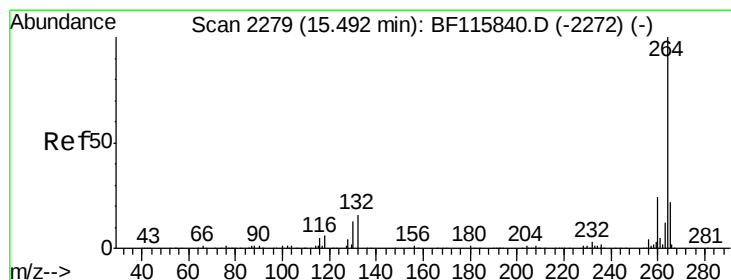
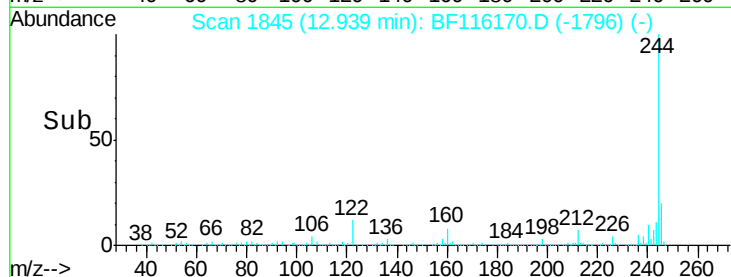
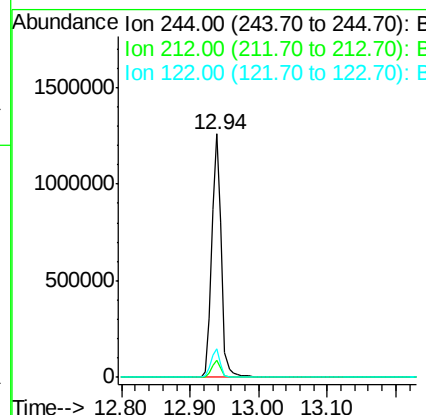
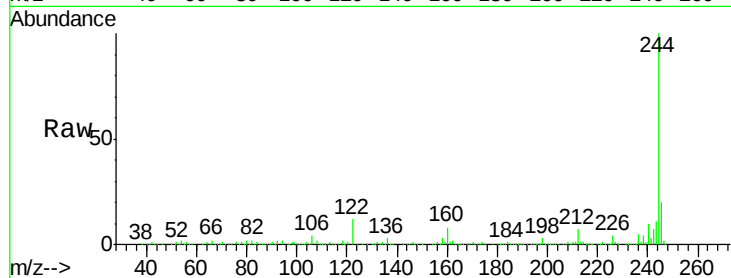


#79
 Terphenyl-d14
 Concen: 94.659 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tot Ion:244 Resp: 1246581

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.7	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

Tgt Ion:264 Resp: 276604

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.7	17.4	26.0

