

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112330.D
 Acq On : 30 Jan 2019 19:11
 Operator : JU/SJ
 Sample : K1282-13 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 31 00:42:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	163209	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	636961	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	298697	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	539318	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	343936	20.00	ng	-0.01
87) Perylene-d12	15.47	264	356659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	180508	23.49	ng	-0.01
7) Phenol-d6	6.48	99	241336	22.60	ng	-0.01
23) Nitrobenzene-d5	7.40	82	149542	13.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	61141	17.59	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	284659	13.48	ng	-0.01
79) Terphenyl-d14	12.94	244	210854	11.55	ng	-0.01

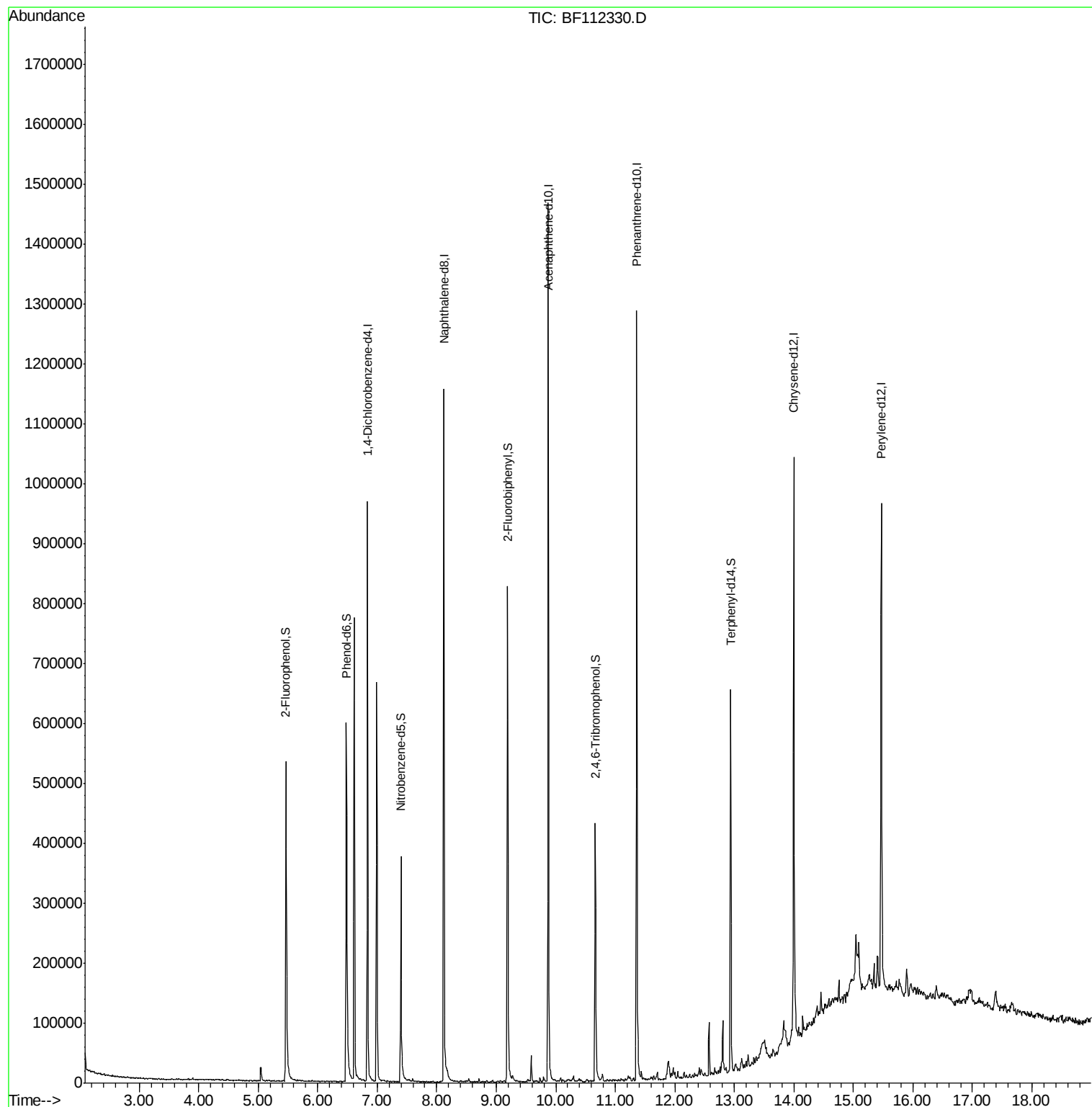
Target Compounds Qvalue

(#) = 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: BF112330.D

Acq: 30 Jan 2019 19:11

Instrument :

BNA_F

ClientSampleId :

TP-4

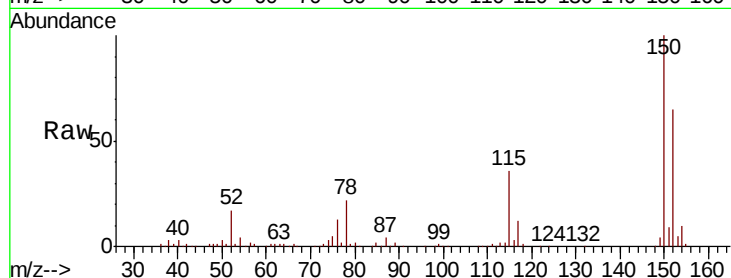
Tot Ion:152 Resp: 163209

Ion Ratio Lower Upper

152 100

150 153.4 127.4 191.0

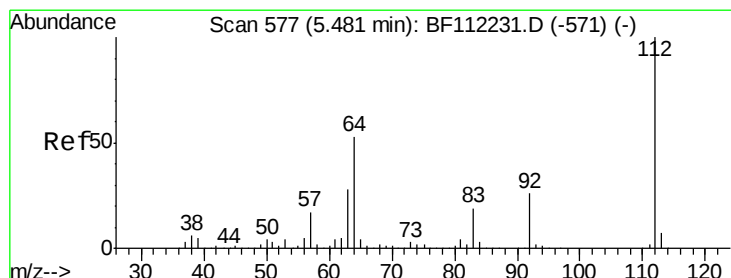
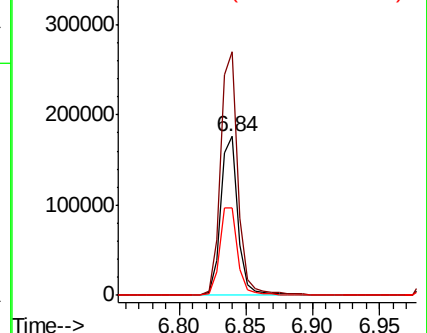
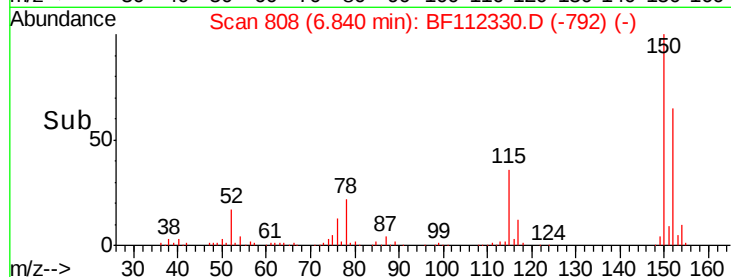
115 55.5 45.5 68.3



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: 23.492 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112330.D

Acq: 30 Jan 2019 19:11

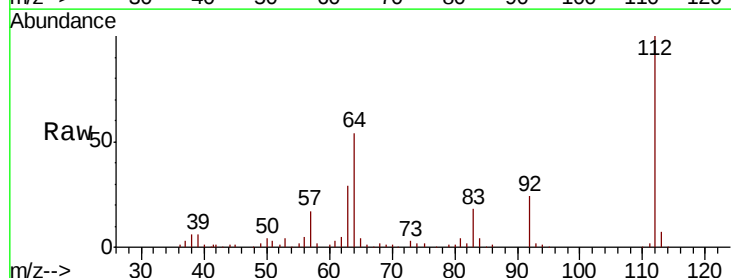
Tgt Ion:112 Resp: 180508

Ion Ratio Lower Upper

112 100

64 53.9 45.7 68.5

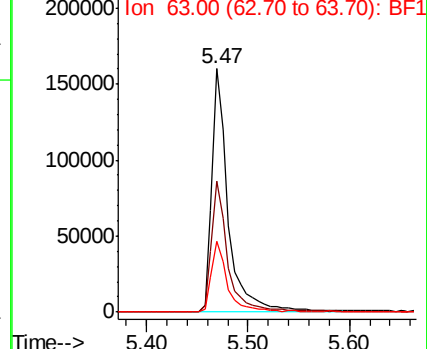
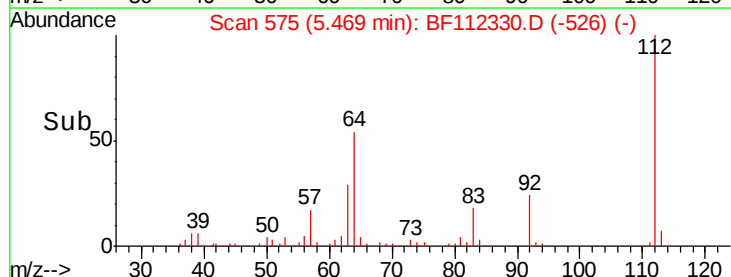
63 29.3 23.6 35.4



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: 22.603 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112330.D

Acq: 30 Jan 2019 19:11

Instrument :

BNA_F

ClientSampled :

TP-4

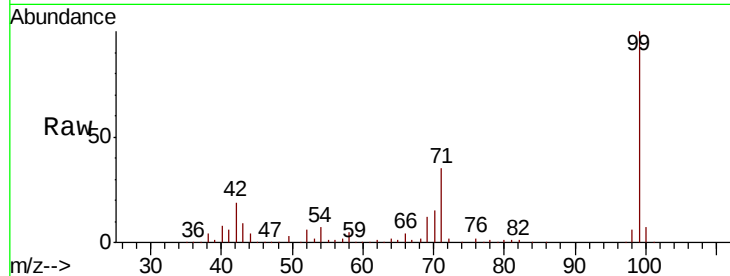
Tot Ion: 99 Resp: 241336

Ion Ratio Lower Upper

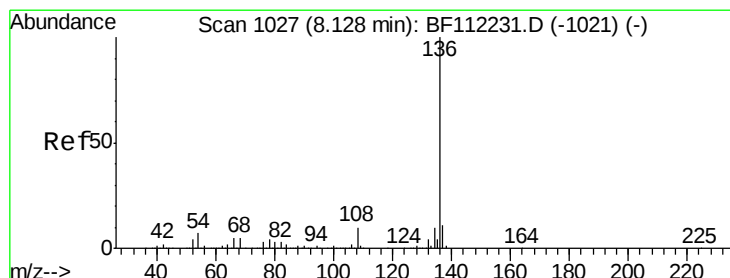
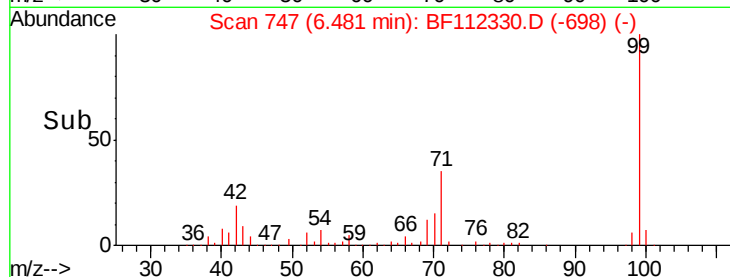
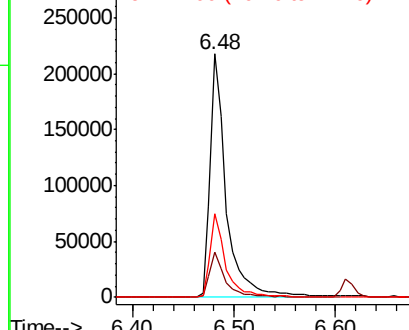
99 100

42 18.6 15.1 22.7

71 34.6 26.9 40.3



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: BF112330.D

Acq: 30 Jan 2019 19:11

Tgt Ion: 136 Resp: 636961

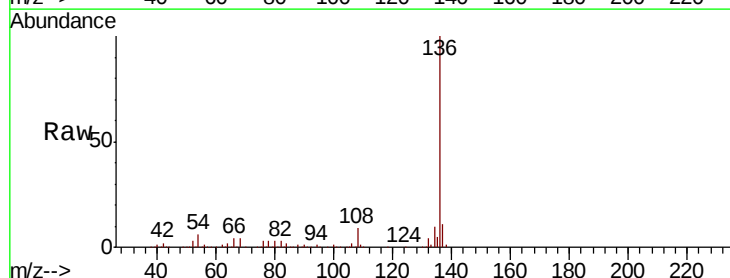
Ion Ratio Lower Upper

136 100

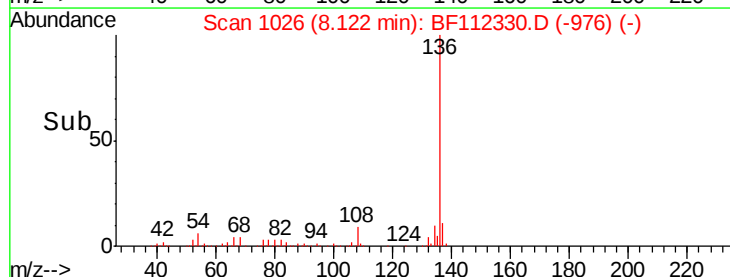
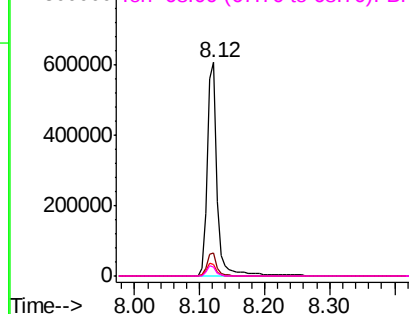
137 10.6 9.1 13.7

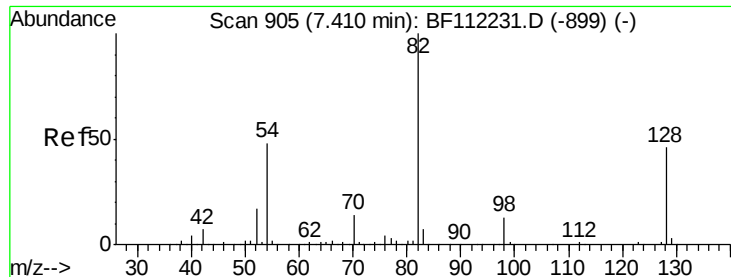
54 5.6 5.9 8.9#

68 4.5 5.1 7.7#



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

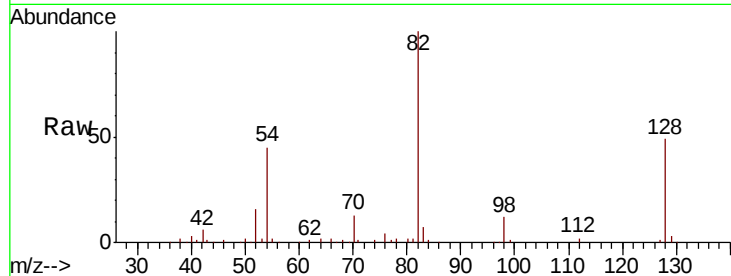




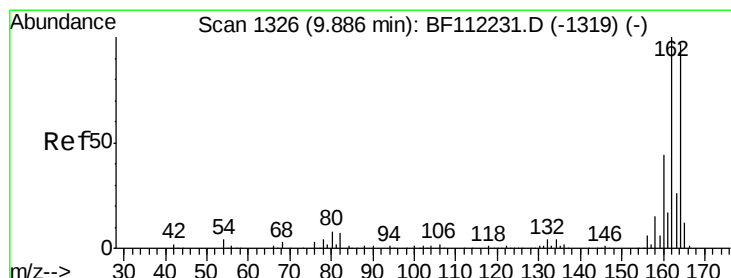
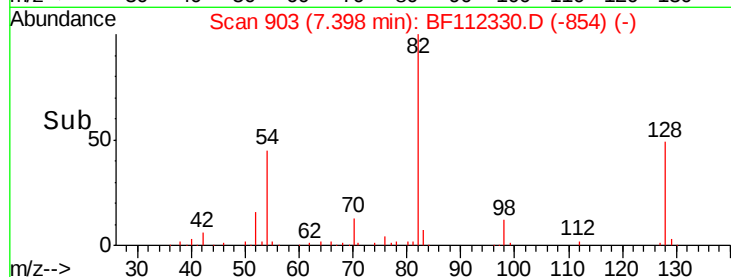
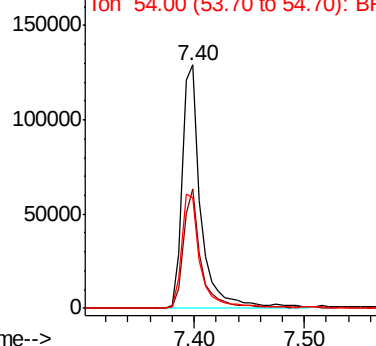
#23
 Nitrobenzene-d5
 Concen: 13.528 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112330.D
 Acq: 30 Jan 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion: 82 Resp: 149542
 Ion Ratio Lower Upper
 82 100
 128 49.1 37.8 56.8
 54 45.5 39.7 59.5

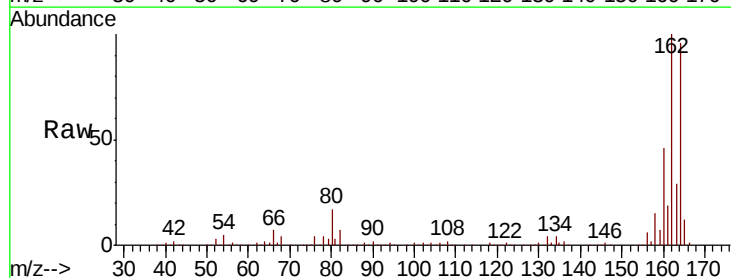


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

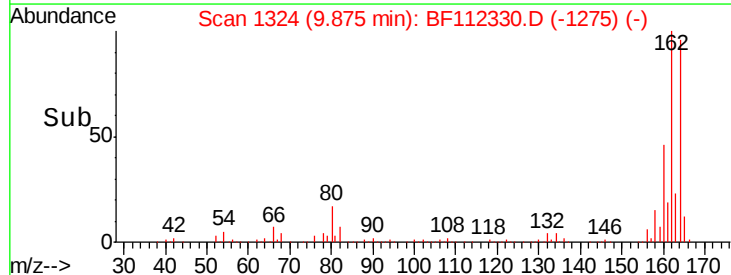
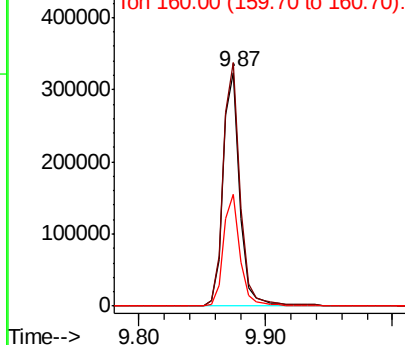


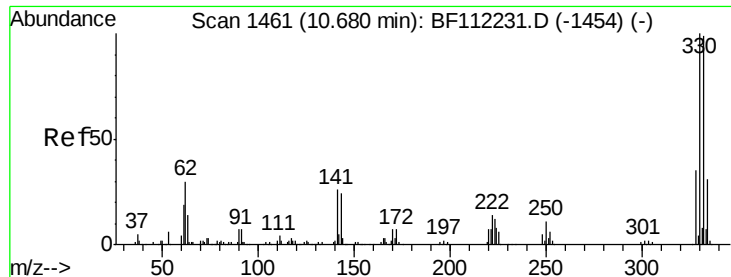
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112330.D
 Acq: 30 Jan 2019 19:11

Tgt Ion:164 Resp: 298697
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.2 123.4
 160 47.8 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: 17.586 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112330.D

Acq: 30 Jan 2019 19:11

Instrument :

BNA_F

ClientSampleId :

TP-4

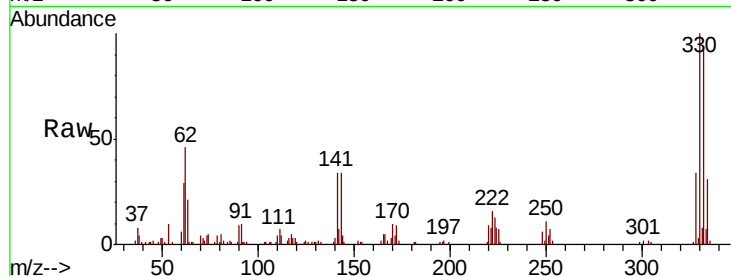
Tot Ion:330 Resp: 61141

Ion Ratio Lower Upper

330 100

332 99.0 76.6 114.8

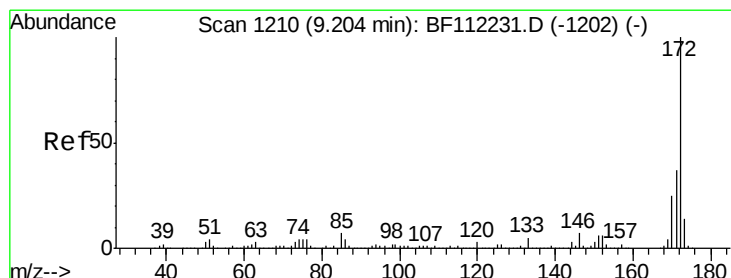
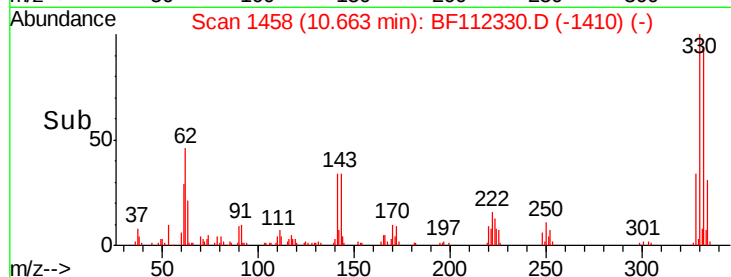
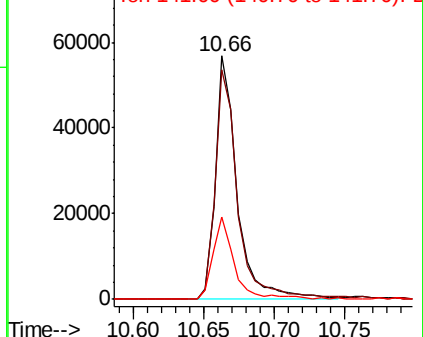
141 32.8 24.3 36.5



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: 13.479 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112330.D

Acq: 30 Jan 2019 19:11

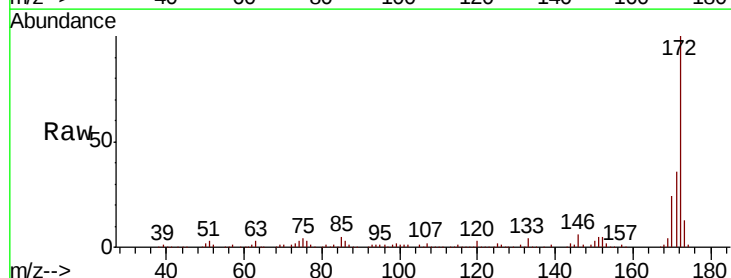
Tgt Ion:172 Resp: 284659

Ion Ratio Lower Upper

172 100

171 35.6 30.5 45.7

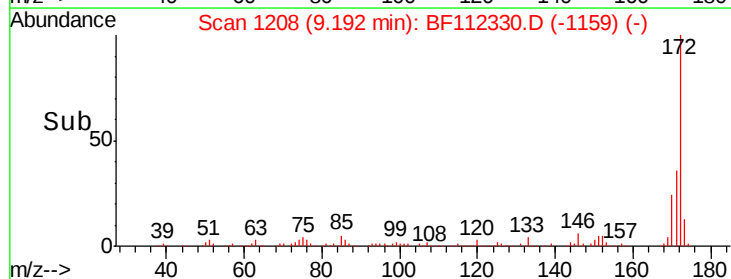
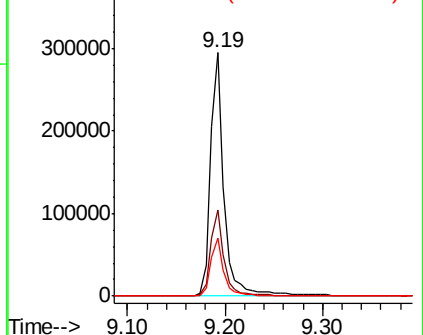
170 23.8 20.2 30.4



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

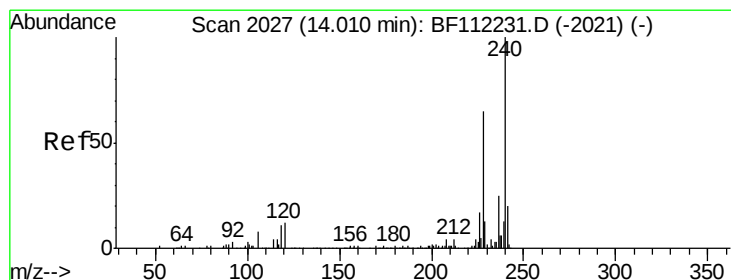
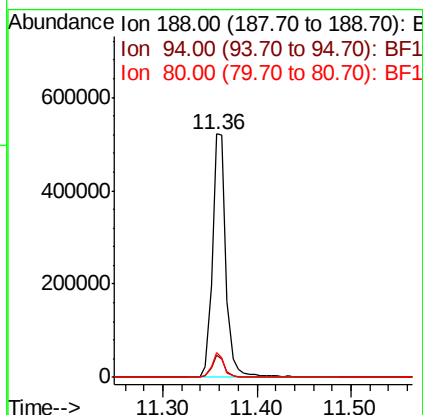
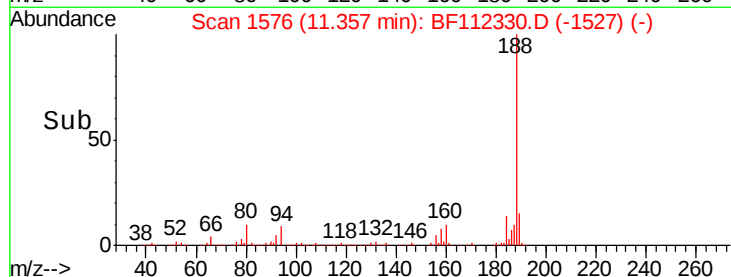
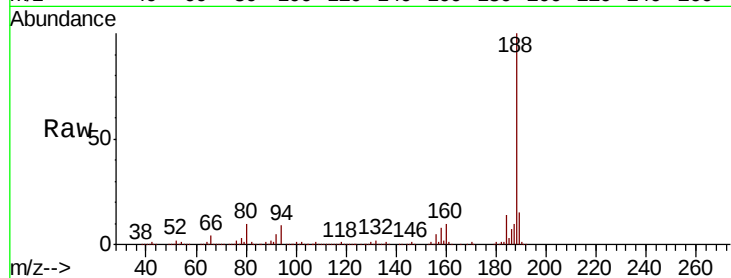




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112330.D
Acq: 30 Jan 2019 19:11

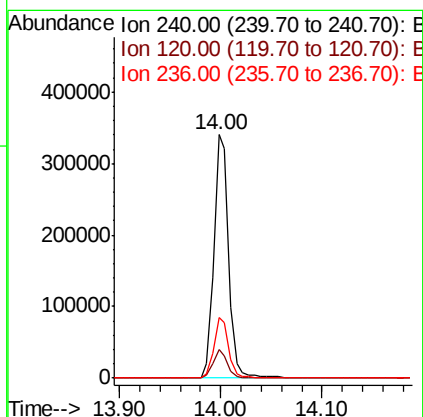
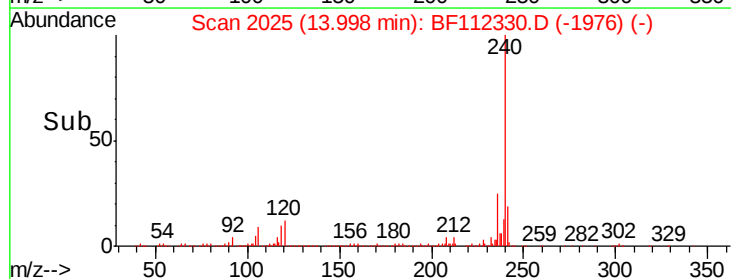
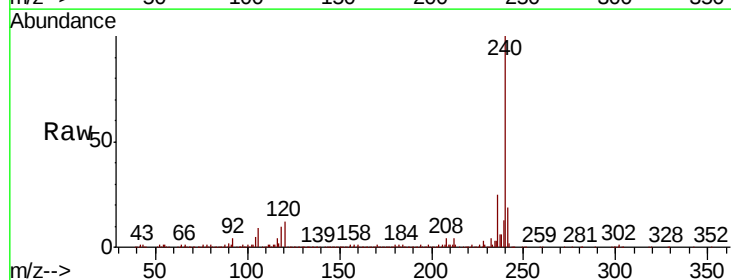
Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:188 Resp: 539318
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112330.D
Acq: 30 Jan 2019 19:11

Tgt Ion:240 Resp: 343936
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 25.0 20.7 31.1

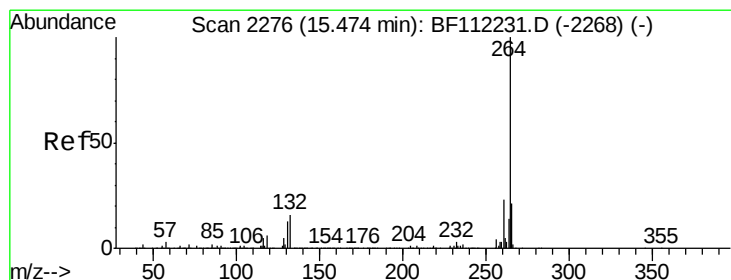
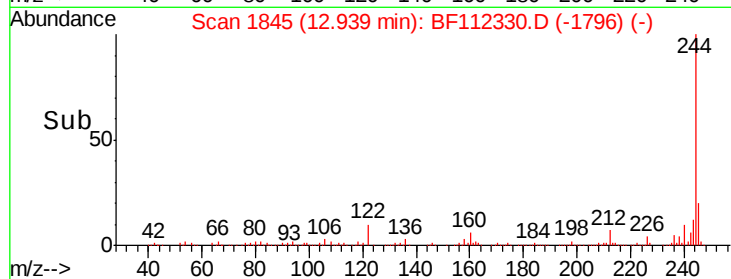
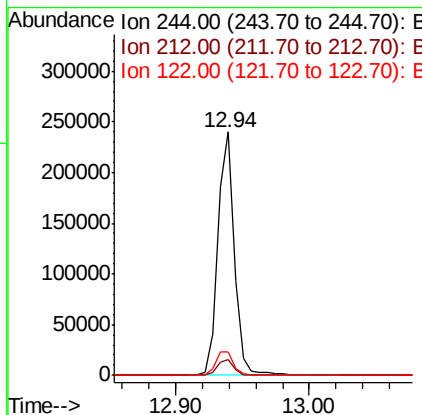
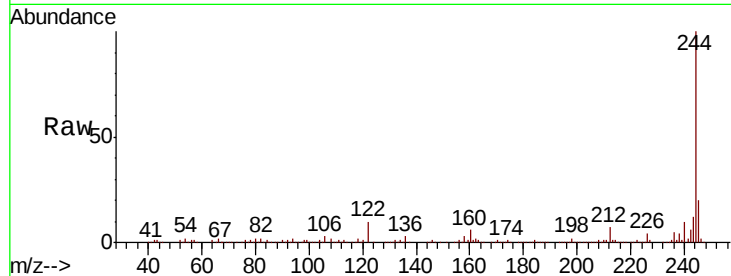




#79
 Terphenyl-d14
 Concen: 11.547 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112330.D
 Acq: 30 Jan 2019 19:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	9.7	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112330.D
 Acq: 30 Jan 2019 19:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.6	17.0	25.4

