

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112468.D
 Acq On : 8 Feb 2019 19:09
 Operator : JU/SJ
 Sample : K1422-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Quant Time: Feb 09 06:08:49 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	6.83	152	136361	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	518220	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	244825	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	421520	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	270494	20.00	ng	0.00
87) Perylene-d12	15.47	264	281141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	978082	152.35	ng	0.00
7) Phenol-d6	6.49	99	1092763	122.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	855313	95.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	316874	111.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1674664	96.74	ng	-0.01
79) Terphenyl-d14	12.94	244	1426253	99.31	ng	0.00

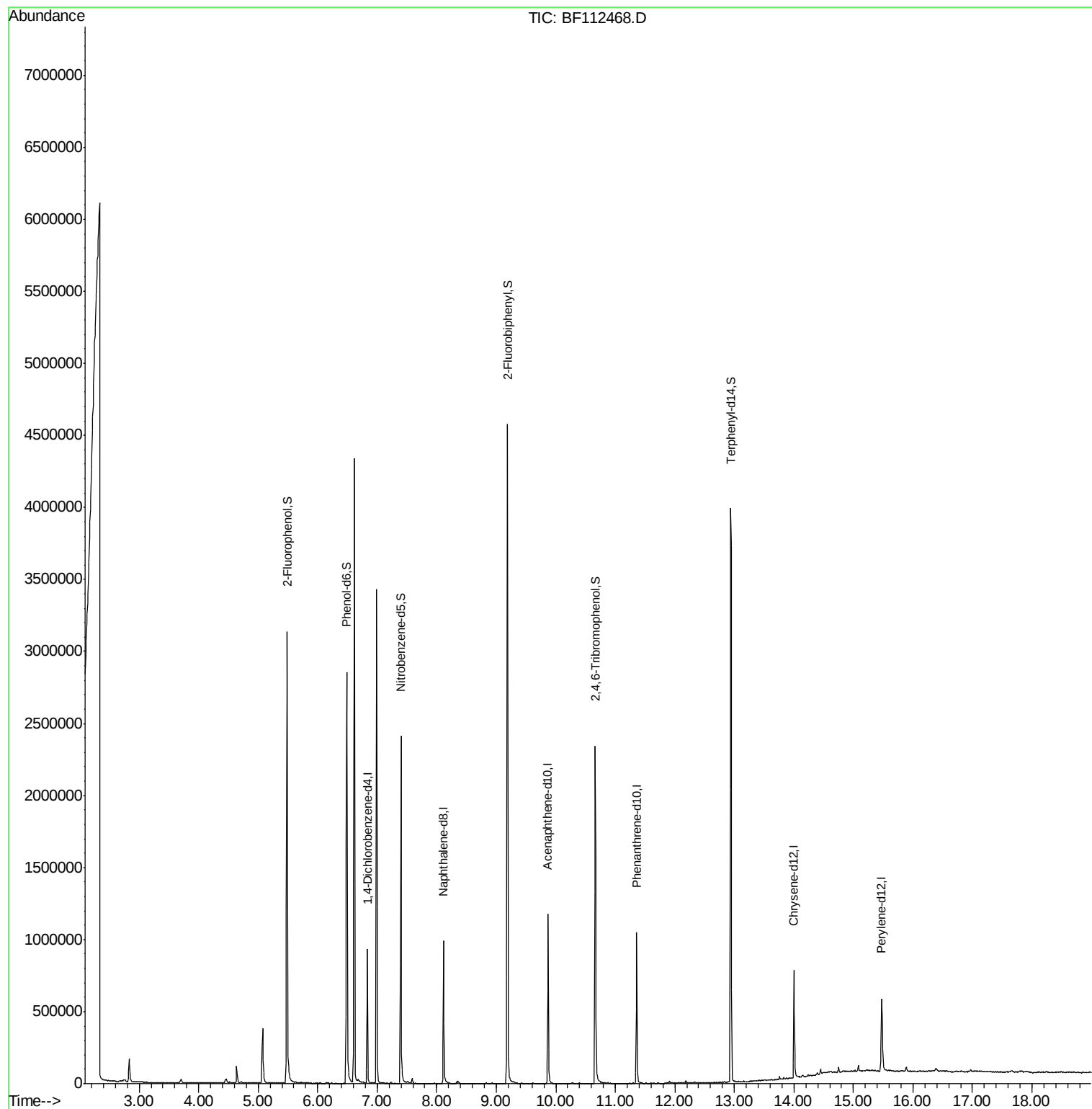
Target Compounds Qvalue

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

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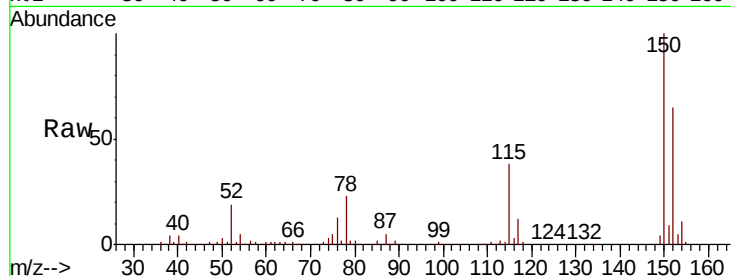


#1

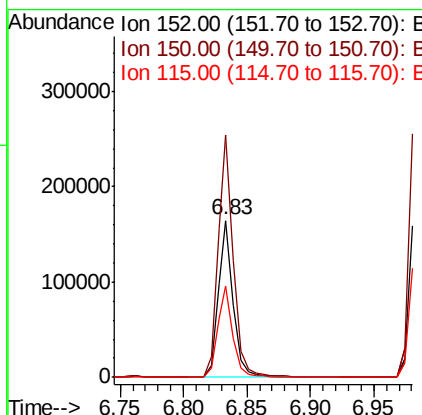
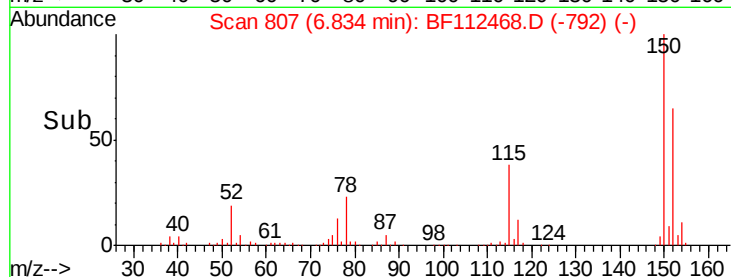
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112468.D
 Acq: 8 Feb 2019 19:09

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tot Ion:152 Resp: 136361
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.4 191.0
 115 58.5 45.5 68.3



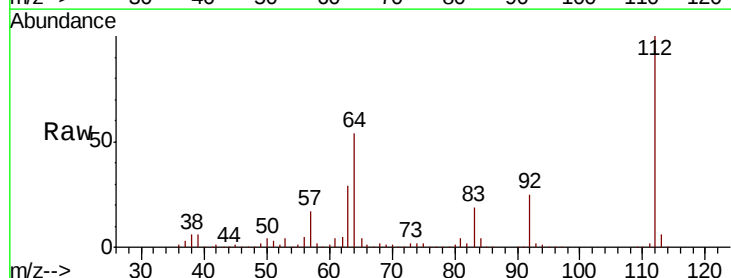
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



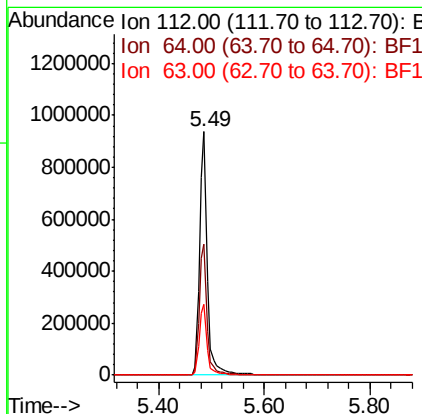
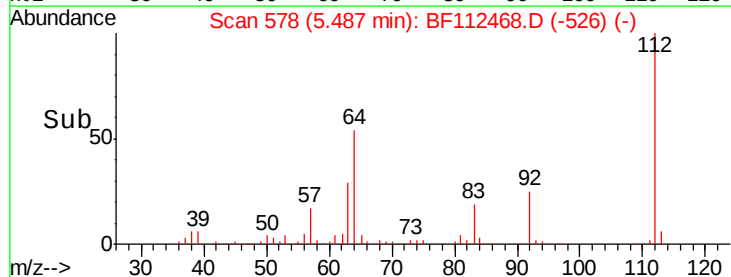
#5

2-Fluorophenol
 Concen: 152.354 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF112468.D
 Acq: 8 Feb 2019 19:09

Tgt Ion:112 Resp: 978082
 Ion Ratio Lower Upper
 112 100
 64 53.6 45.7 68.5
 63 29.2 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: 122.498 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

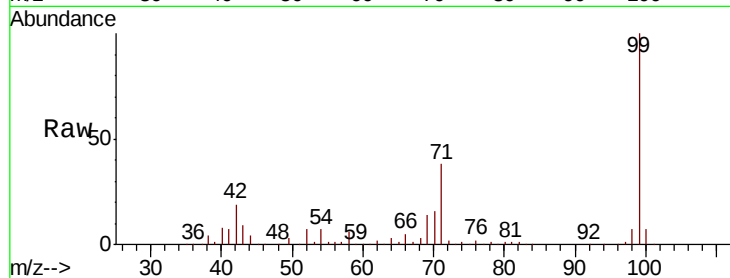
Tot Ion: 99 Resp: 1092763

Ion Ratio Lower Upper

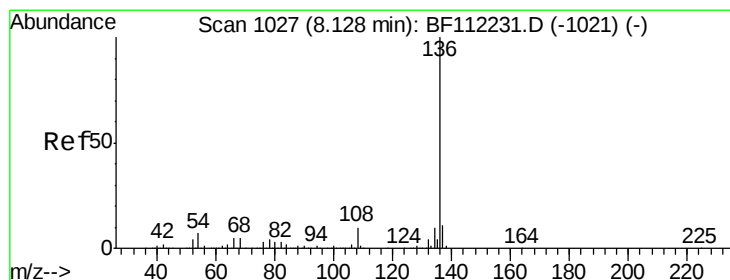
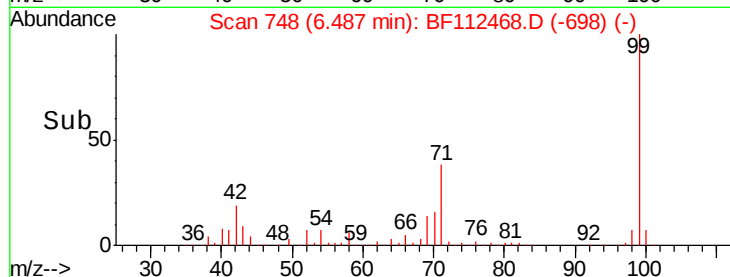
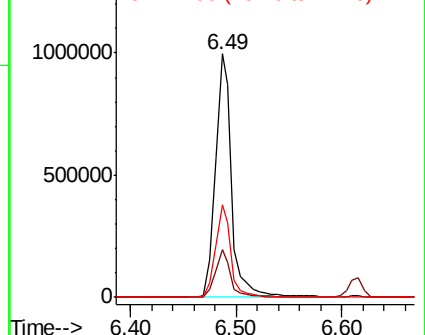
99 100

42 19.4 15.1 22.7

71 37.9 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# 1025

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Tgt Ion: 136 Resp: 518220

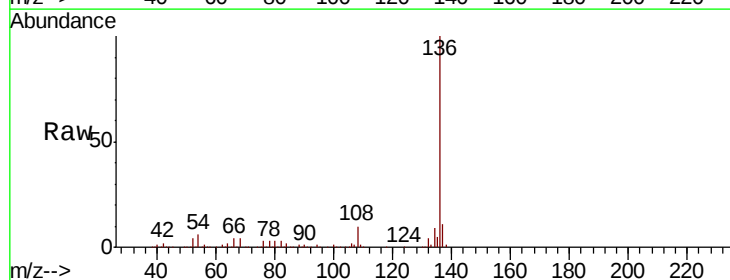
Ion Ratio Lower Upper

136 100

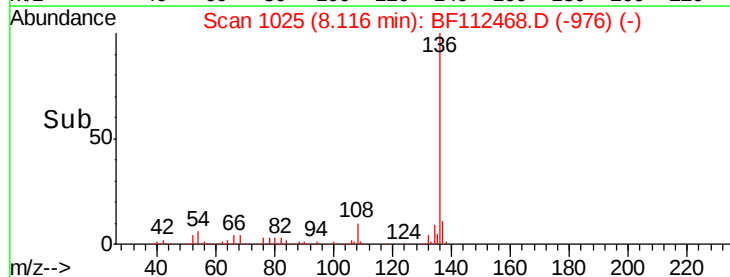
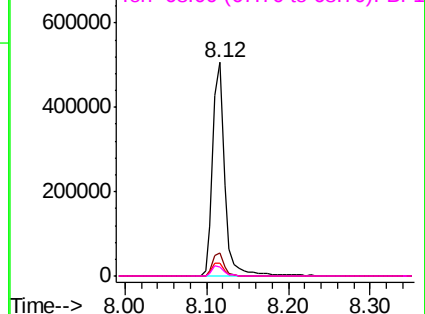
137 11.0 9.1 13.7

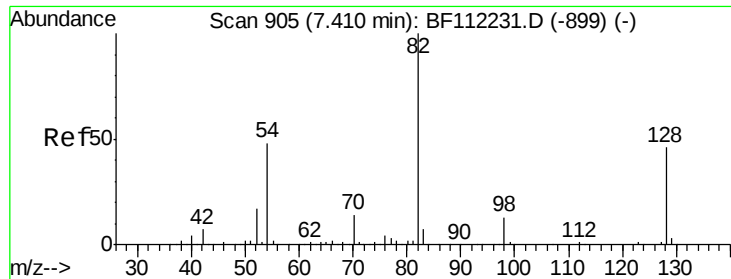
54 5.9 5.9 8.9#

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

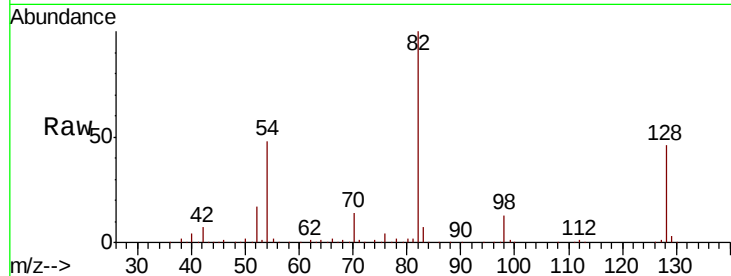




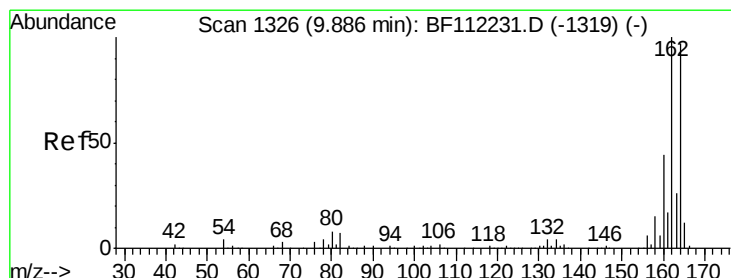
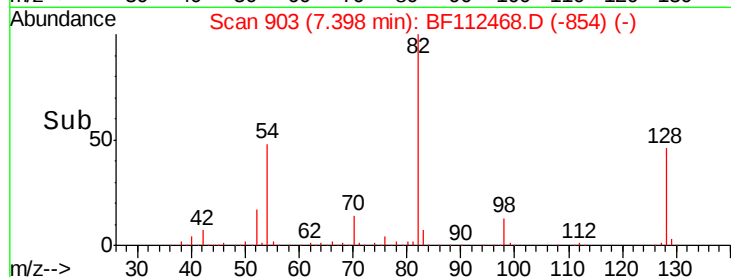
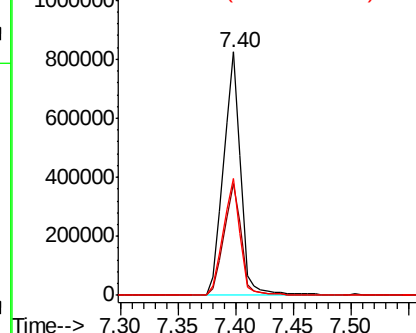
#23
 Nitrobenzene-d5
 Concen: 95.100 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112468.D
 Acq: 8 Feb 2019 19:09

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tot Ion	82	Resp	855313
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.8	56.8
54	48.1	39.7	59.5

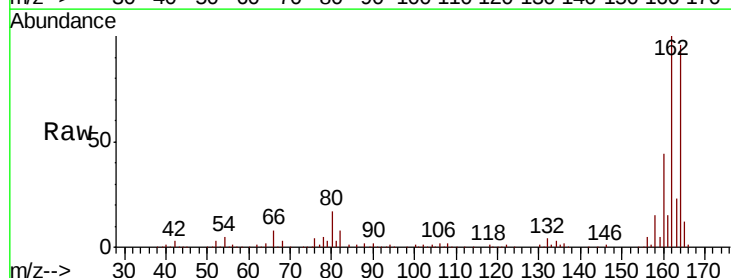


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

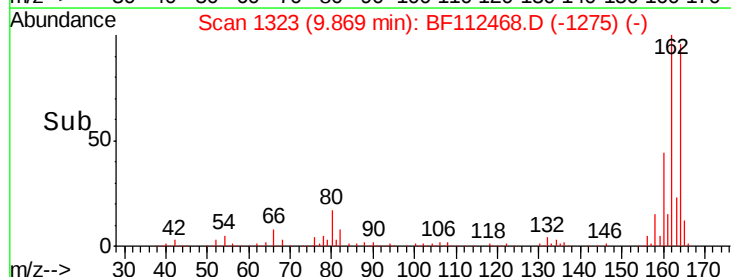
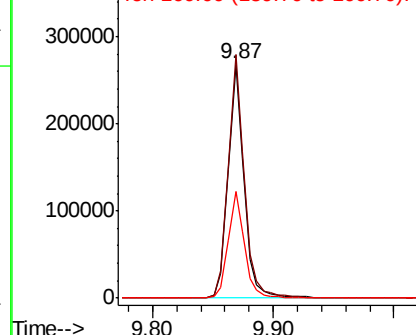


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112468.D
 Acq: 8 Feb 2019 19:09

Tgt Ion	164	Resp	244825
Ion Ratio	Lower	Upper	
164	100		
162	104.3	82.2	123.4
160	45.8	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: 111.196 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

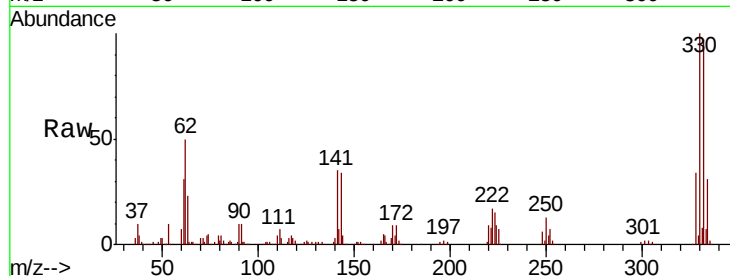
Tot Ion:330 Resp: 316874

Ion Ratio Lower Upper

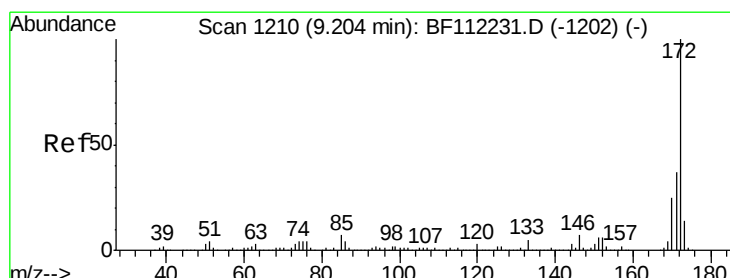
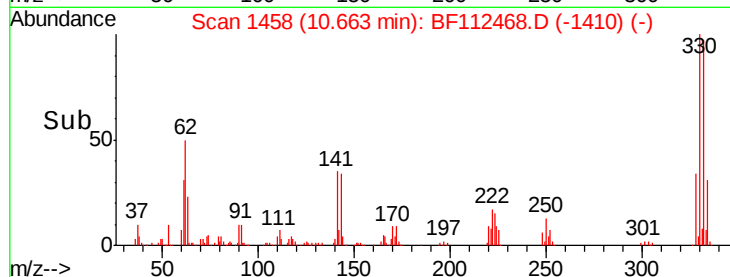
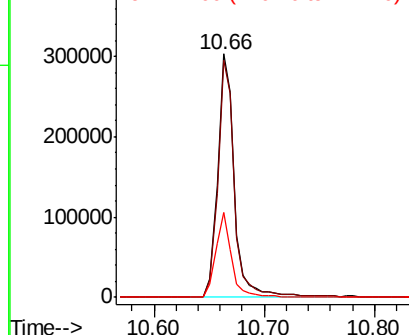
330 100

332 98.1 76.6 114.8

141 33.2 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: 96.744 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

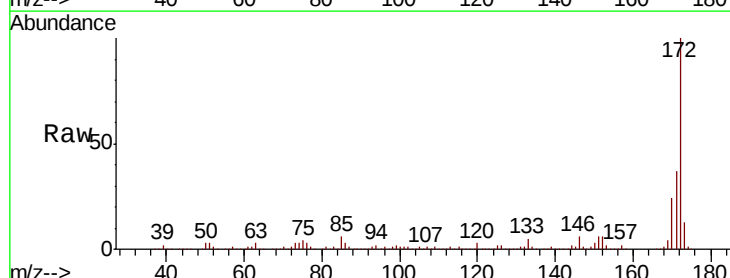
Tgt Ion:172 Resp: 1674664

Ion Ratio Lower Upper

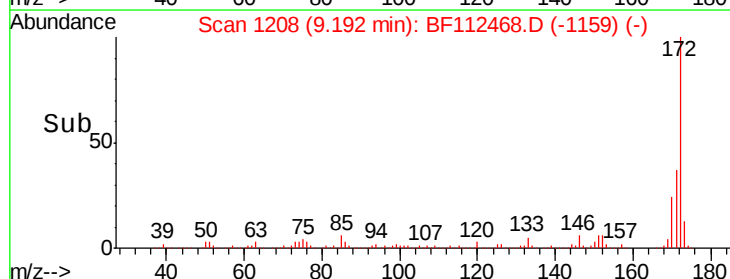
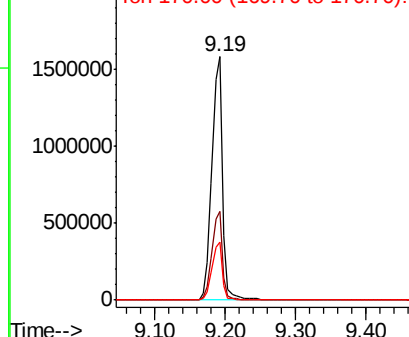
172 100

171 36.5 30.5 45.7

170 24.1 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

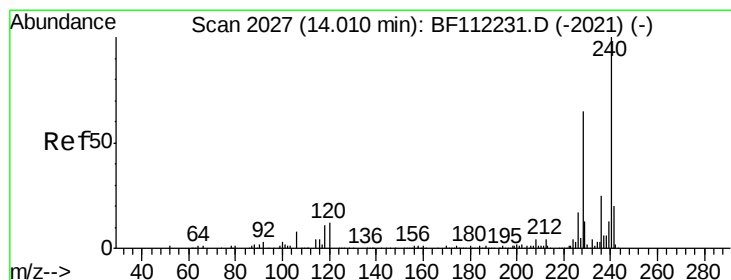
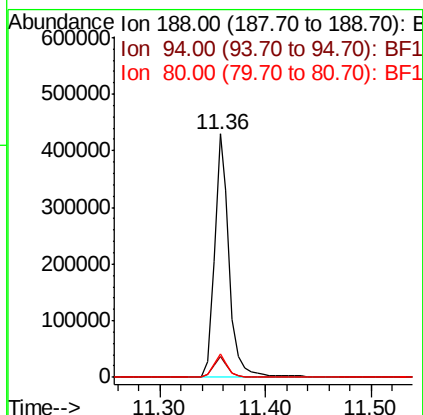
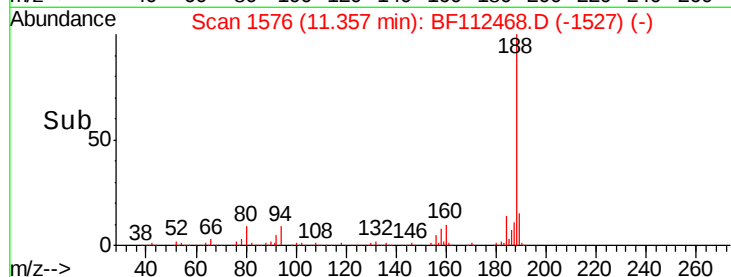
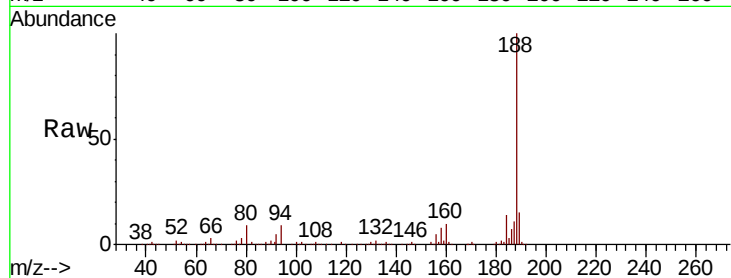




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

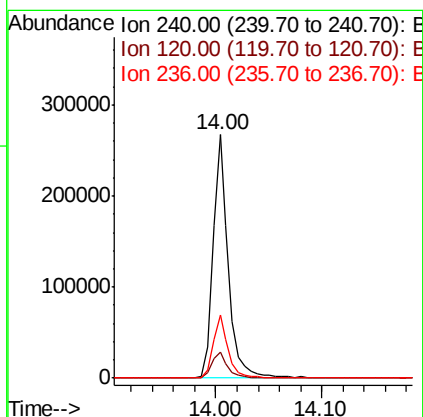
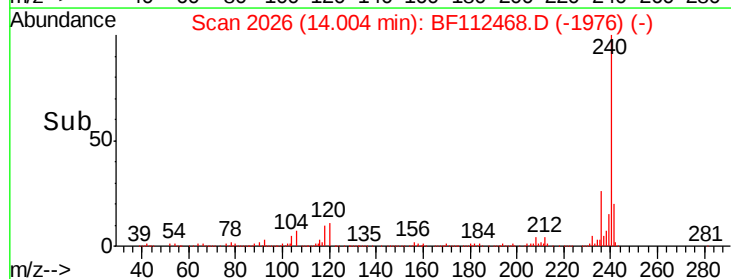
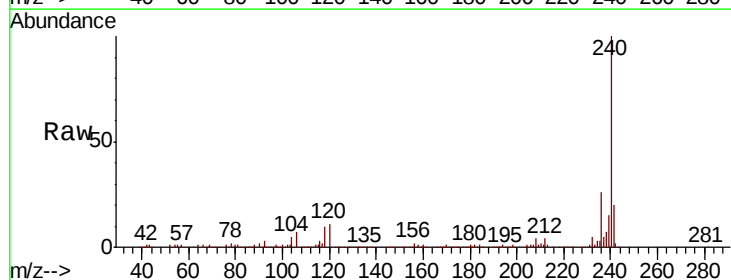
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

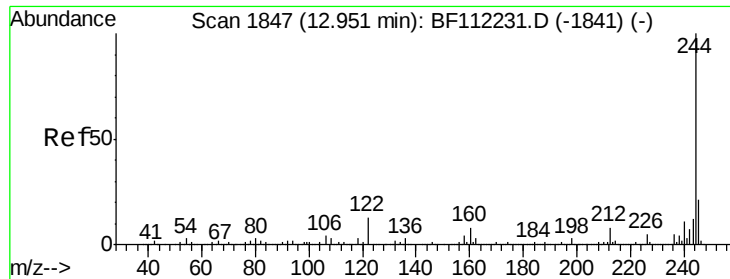
Tot Ion:188 Resp: 421520
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112468.D
Acq: 8 Feb 2019 19:09

Tgt Ion:240 Resp: 270494
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 99.310 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

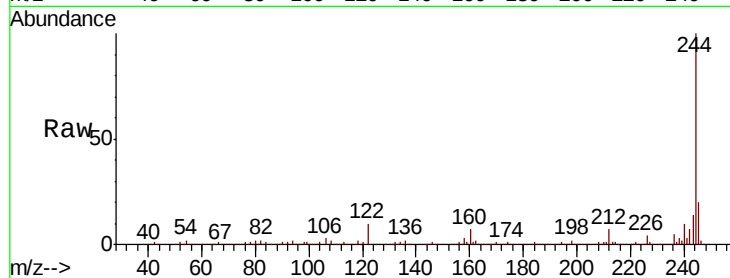
Tot Ion:244 Resp: 1426253

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

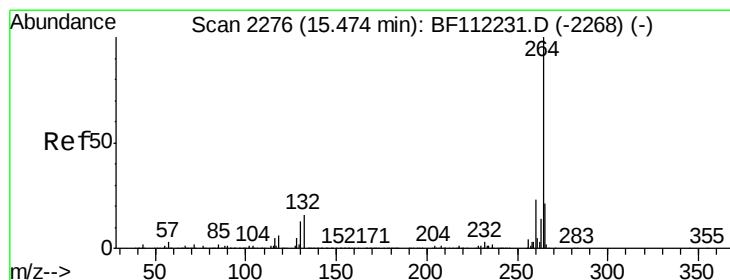
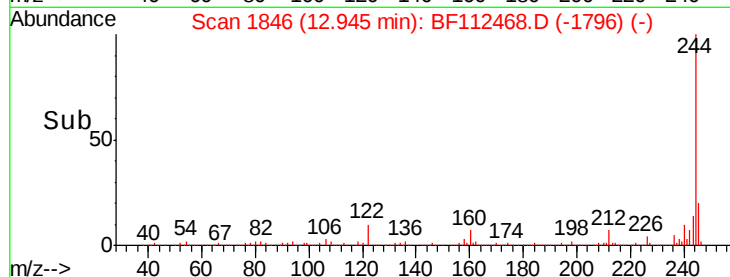
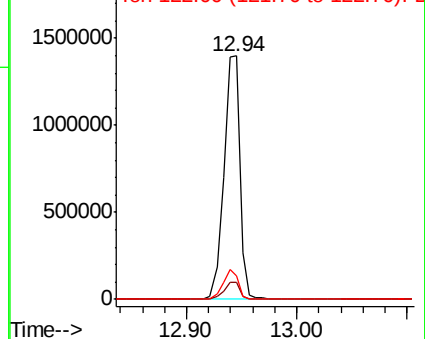
122 9.6 9.8 14.6#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112468.D

Acq: 8 Feb 2019 19:09

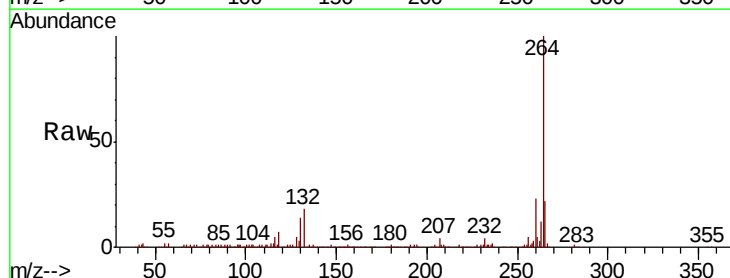
Tgt Ion:264 Resp: 281141

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.7 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

