

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112657.D
 Acq On : 21 Feb 2019 17:18
 Operator : JU/SJ
 Sample : K1537-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Quant Time: Feb 22 02:50:24 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	6.82	152	97029	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	376097	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	182058	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	325508	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	193505	20.00	ng	-0.01
87) Perylene-d12	15.47	264	183915	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	657998	144.04	ng	-0.01
7) Phenol-d6	6.48	99	730230	115.04	ng	-0.01
23) Nitrobenzene-d5	7.39	82	618330	94.73	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	292063	137.82	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1235928	96.01	ng	-0.02
79) Terphenyl-d14	12.93	244	1067099	103.86	ng	-0.02

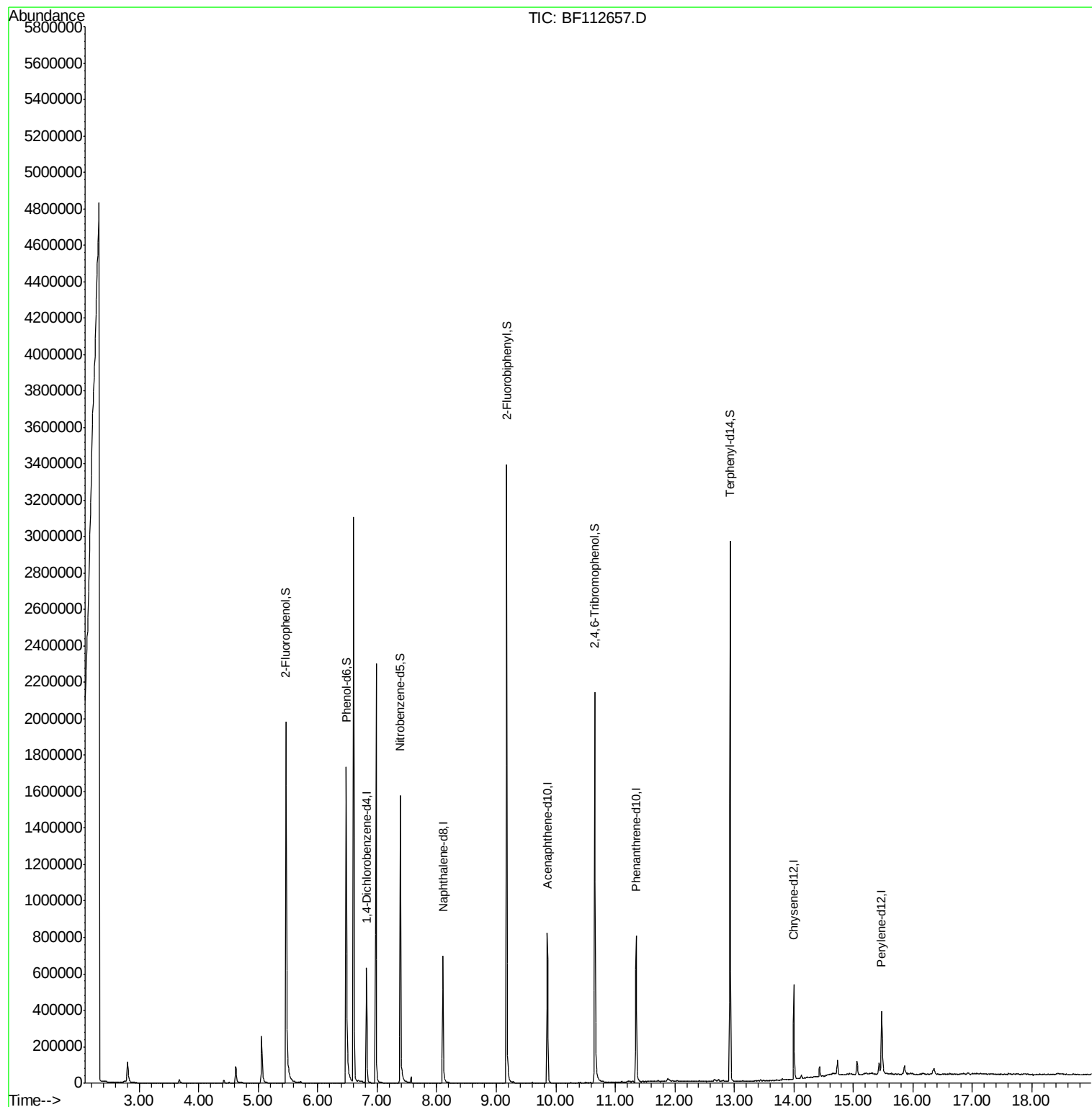
Target Compounds Qvalue

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

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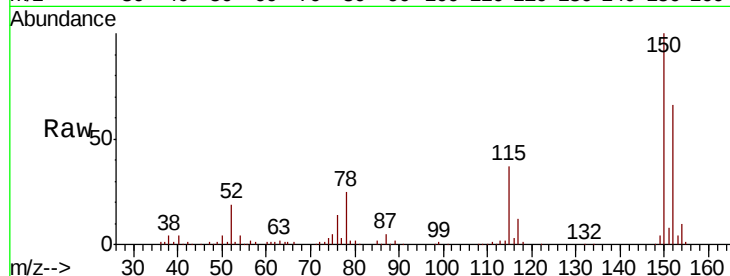


#1

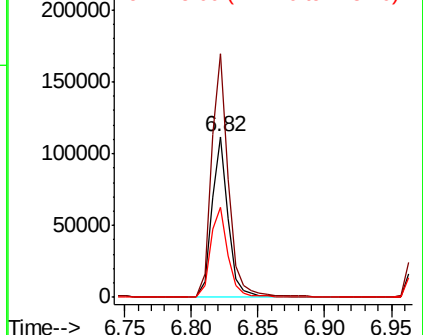
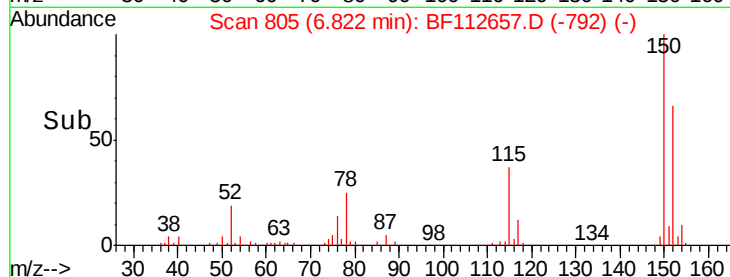
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion:152 Resp: 97029
Ion Ratio Lower Upper
152 100
150 151.3 127.4 191.0
115 55.7 45.5 68.3



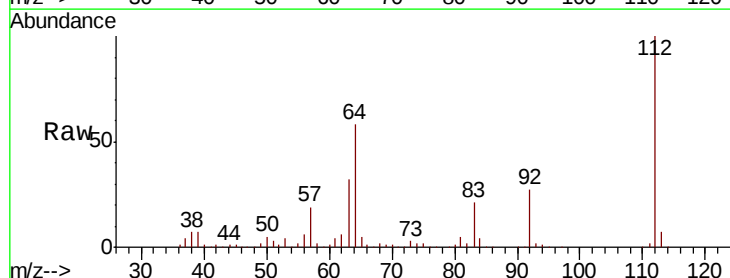
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



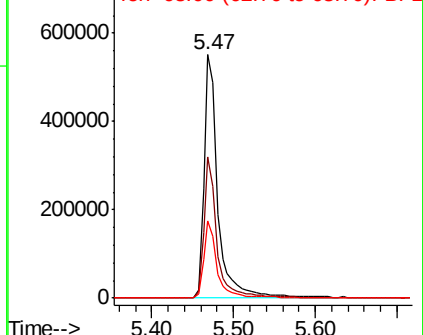
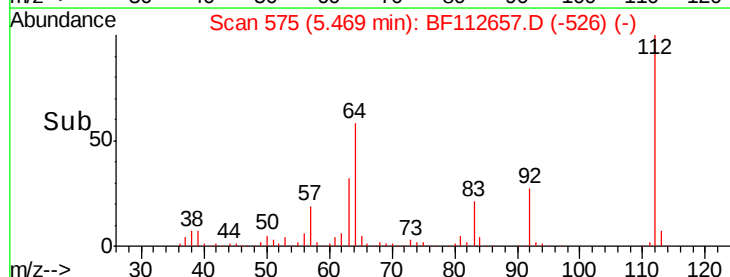
#5

2-Fluorophenol
Concen: 144.043 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

Tgt Ion:112 Resp: 657998
Ion Ratio Lower Upper
112 100
64 57.8 45.7 68.5
63 31.9 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: 115.041 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Instrument :

BNA_F

ClientSampleId :

DRUM-1-2

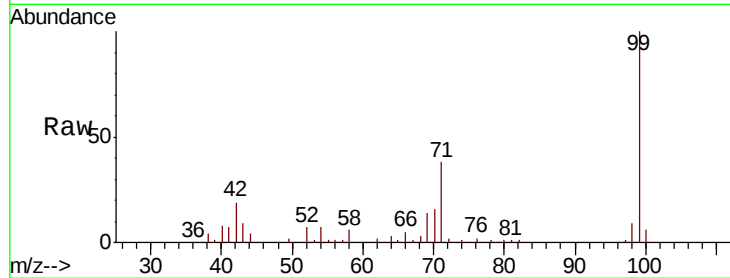
Tot Ion: 99 Resp: 730230

Ion Ratio Lower Upper

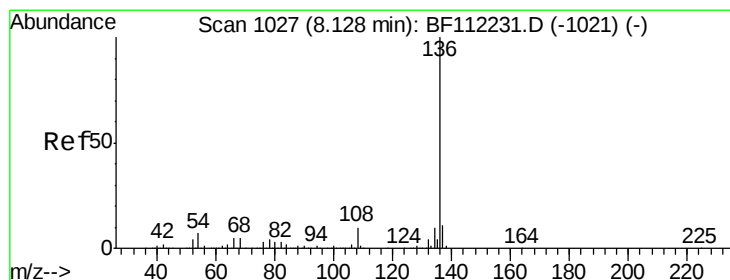
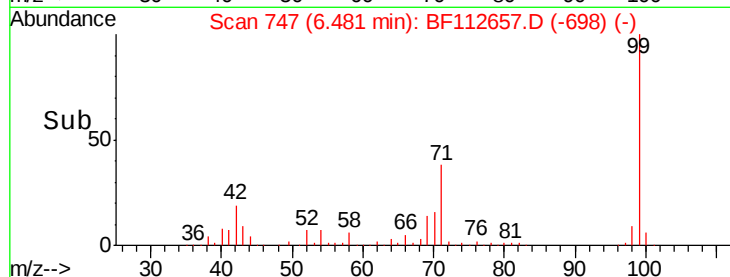
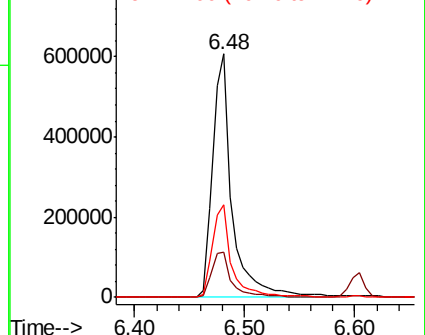
99 100

42 18.7 15.1 22.7

71 38.1 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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112657.D

Acq: 21 Feb 2019 17:18

Tgt Ion: 136 Resp: 376097

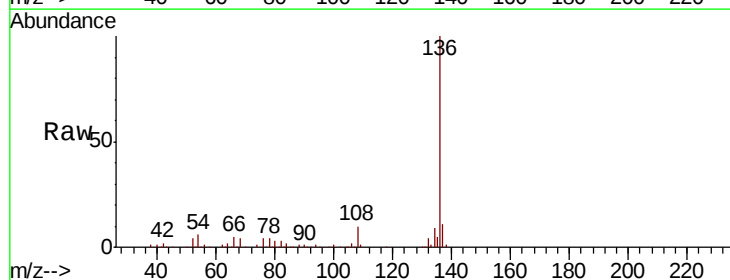
Ion Ratio Lower Upper

136 100

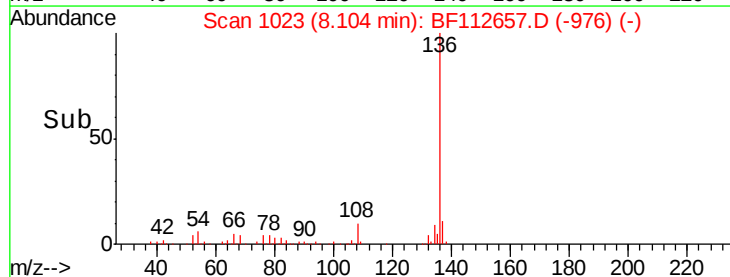
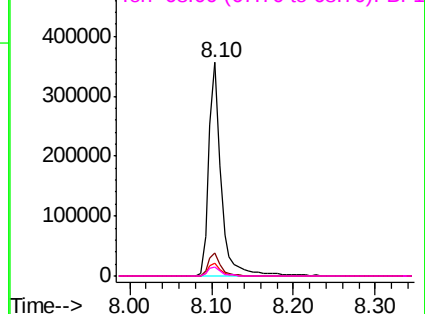
137 10.9 9.1 13.7

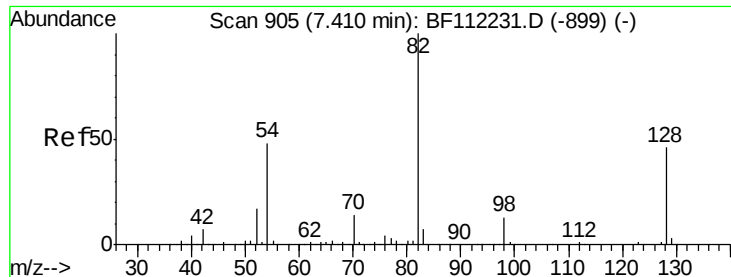
54 5.8 5.9 8.9#

68 4.3 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

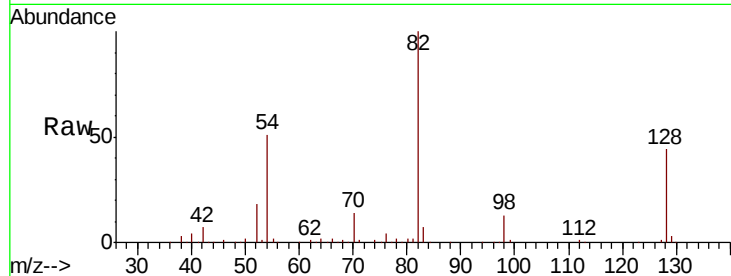




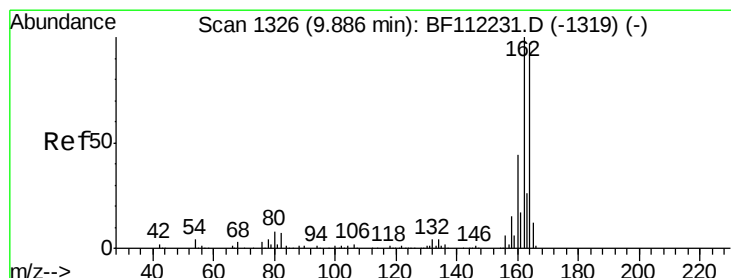
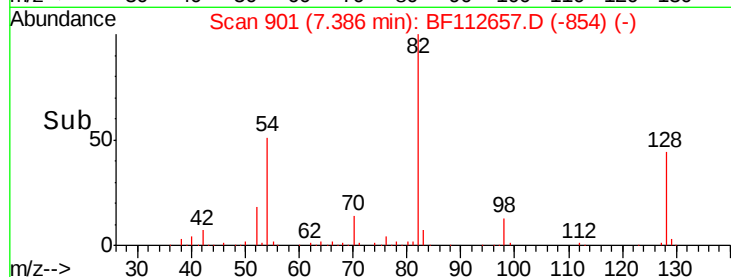
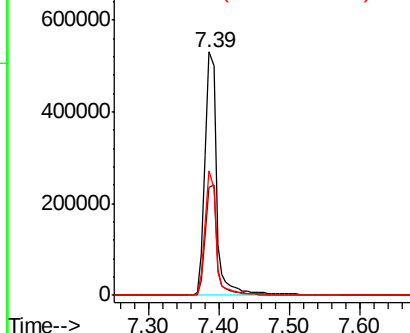
#23
Nitrobenzene-d5
Concen: 94.731 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion: 82 Resp: 618330
Ion Ratio Lower Upper
82 100
128 44.1 37.8 56.8
54 51.0 39.7 59.5

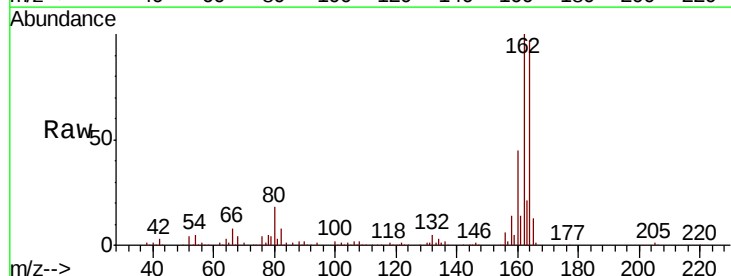


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

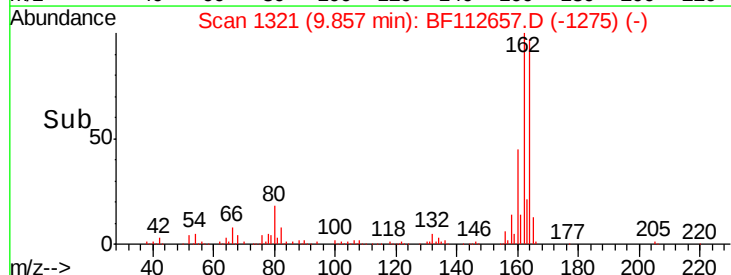
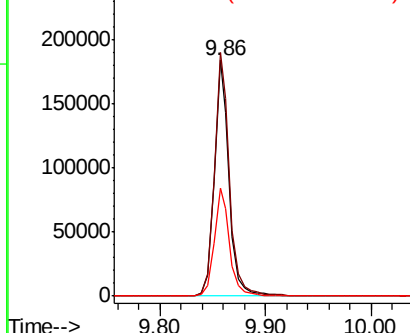


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

Tgt Ion: 164 Resp: 182058
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 46.0 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

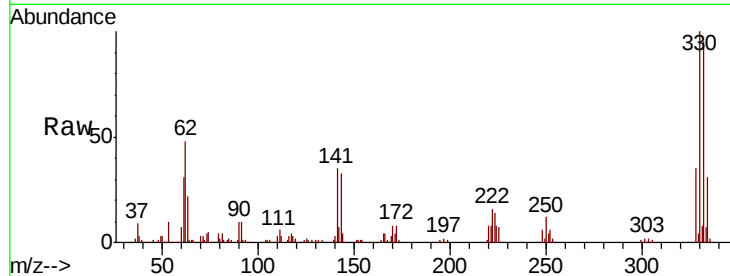




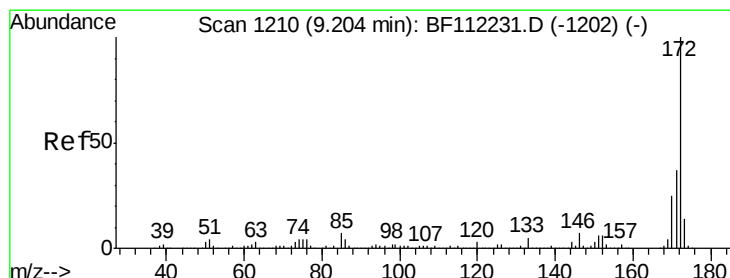
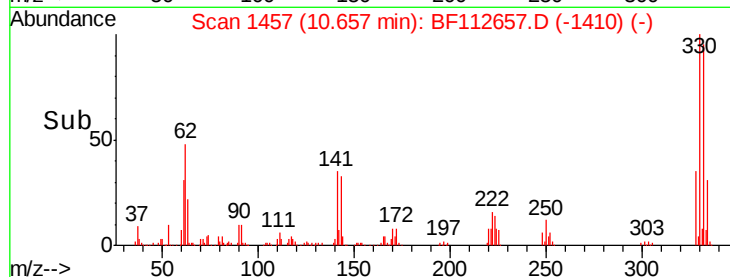
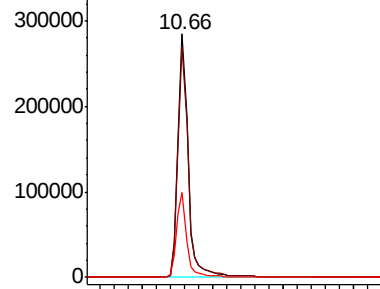
#42
 2,4,6-Tribromophenol
 Concen: 137.824 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	34.1	24.3	36.5

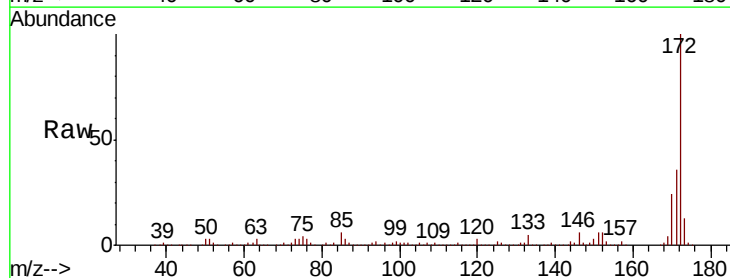


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

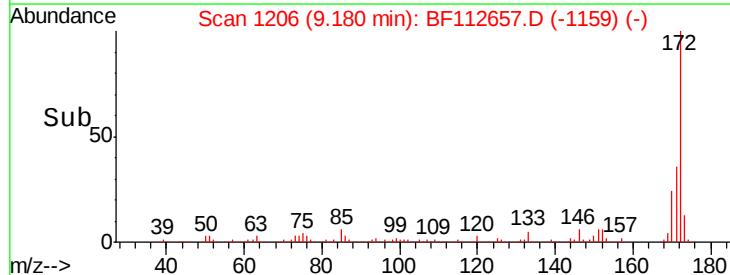
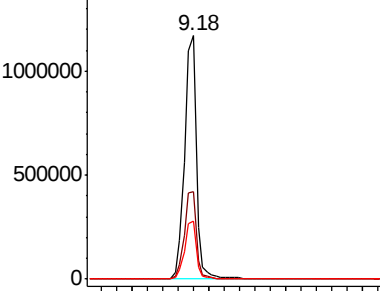


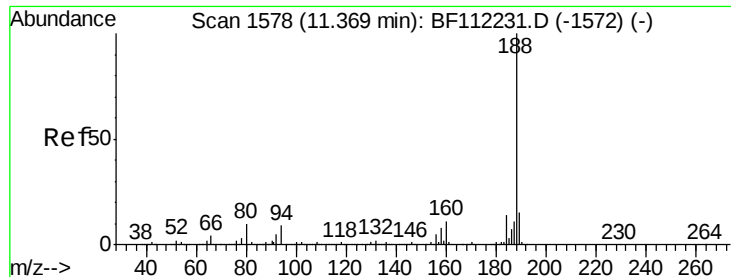
#45
 2-Fluorobiphenyl
 Concen: 96.014 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	24.0	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

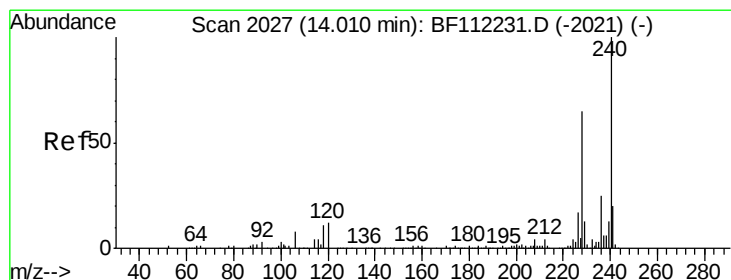
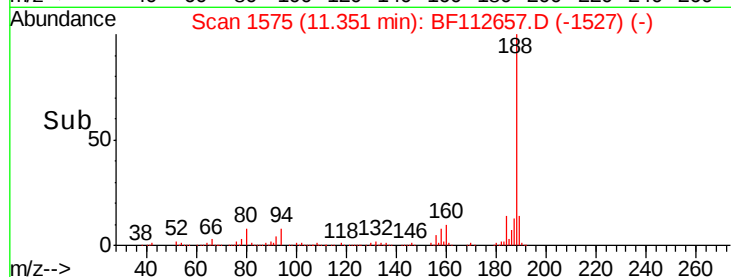
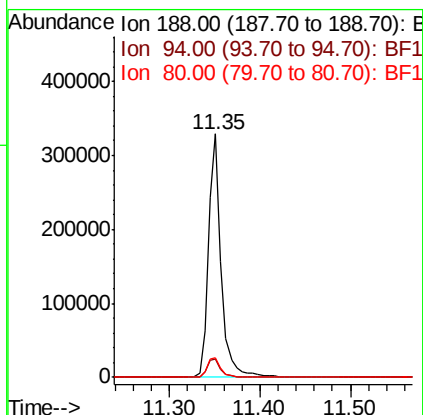
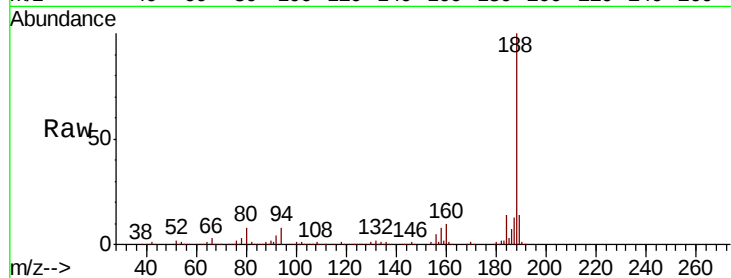




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112657.D
Acq: 21 Feb 2019 17:18

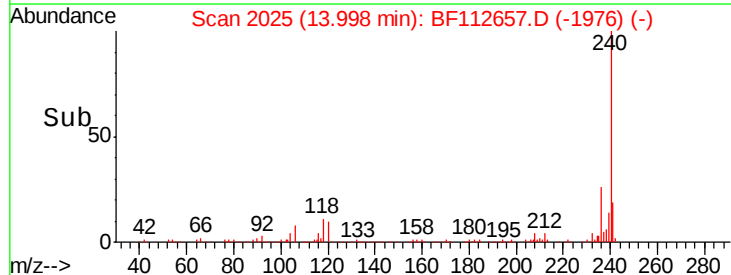
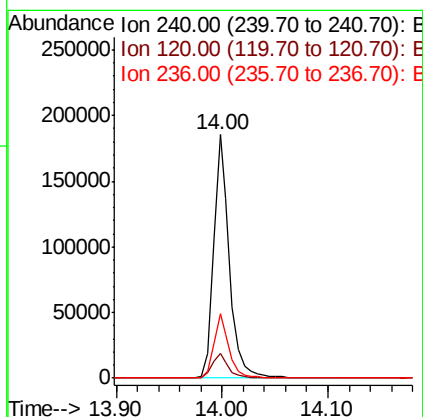
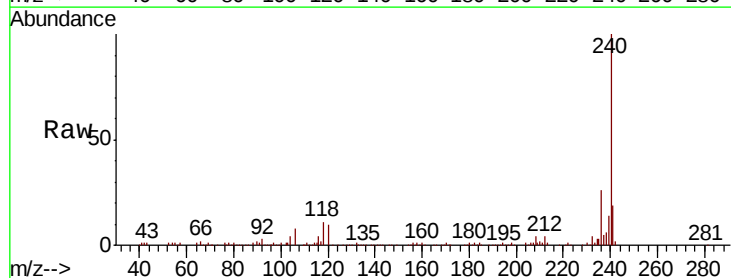
Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tot Ion:188 Resp: 325508
Ion Ratio Lower Upper
188 100
94 7.7 8.2 12.2#
80 8.1 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: BF112657.D
Acq: 21 Feb 2019 17:18

Tgt Ion:240 Resp: 193505
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 26.3 20.7 31.1



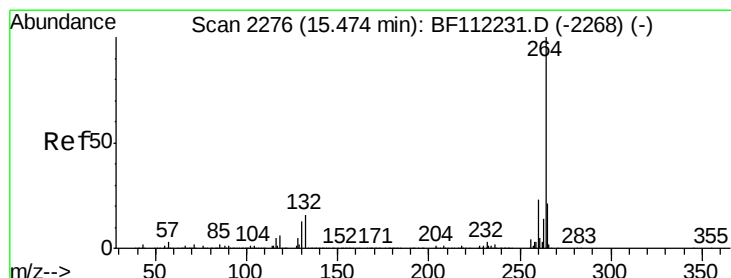
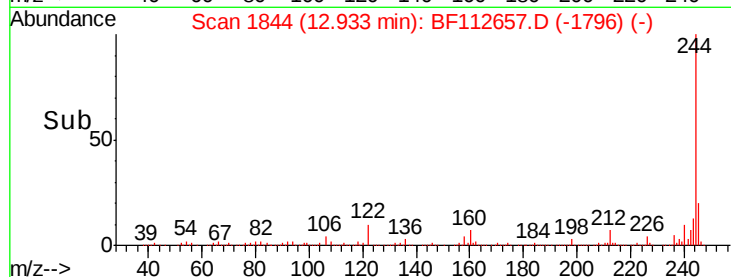
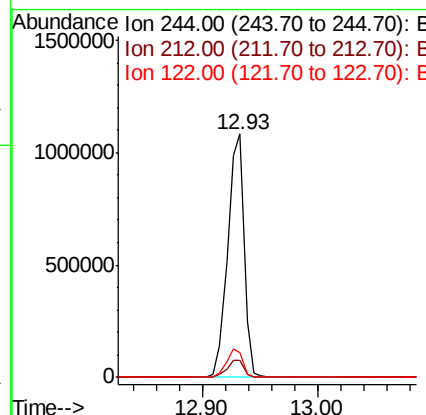
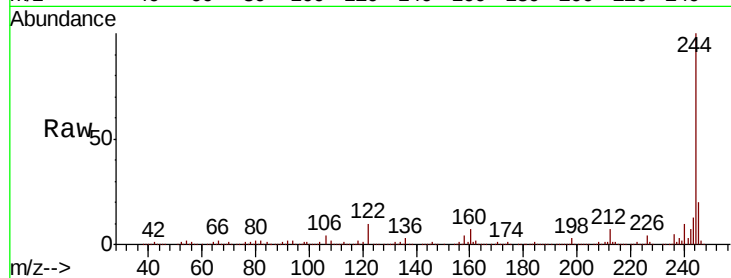


#79
 Terphenyl-d14
 Concen: 103.864 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Instrument :
 BNA_F
 ClientSampled :
 DRUM-1-2

Tot Ion:244 Resp: 1067099

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.2	9.8	14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112657.D
 Acq: 21 Feb 2019 17:18

Tgt Ion:264 Resp: 183915

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	20.6	17.0	25.4

