

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112337.D
 Acq On : 30 Jan 2019 22:32
 Operator : JU/SJ
 Sample : PB116708BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BL

Quant Time: Jan 31 00:50:14 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	141064	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	521260	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	233571	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	405350	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	297774	20.00	ng	-0.01
87) Perylene-d12	15.47	264	323341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	697085	104.96	ng	0.00
7) Phenol-d6	6.48	99	855730	92.73	ng	-0.01
23) Nitrobenzene-d5	7.40	82	798238	88.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	177661	65.35	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1601553	96.98	ng	-0.01
79) Terphenyl-d14	12.94	244	1197524	75.74	ng	-0.01

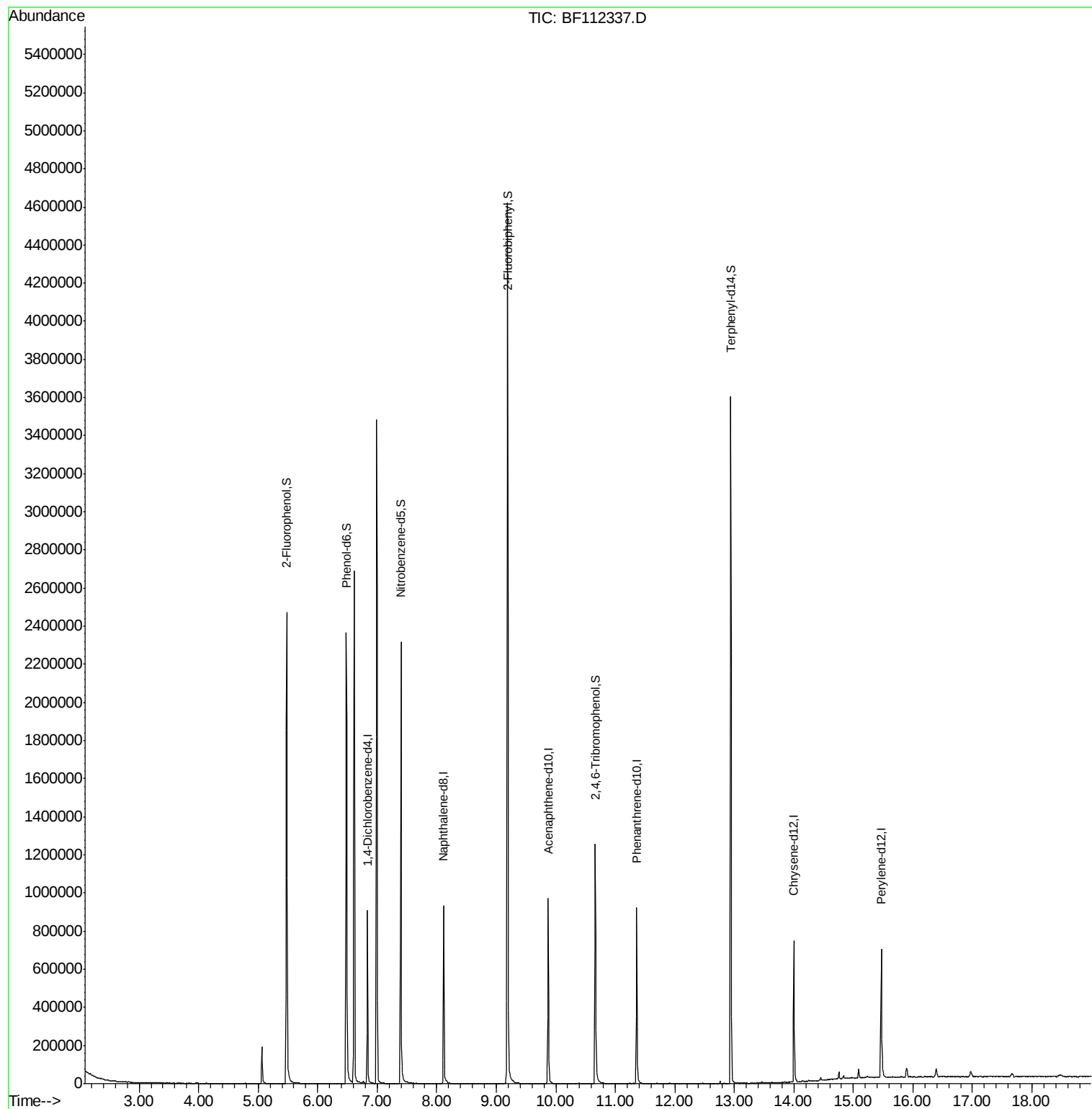
Target Compounds Qvalue

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

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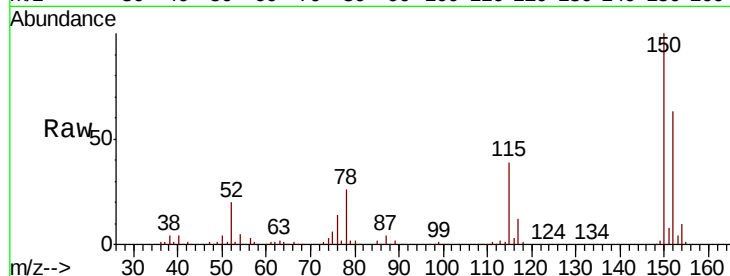


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112337.D
 Acq: 30 Jan 2019 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.4	191.0
115	61.9	45.5	68.3

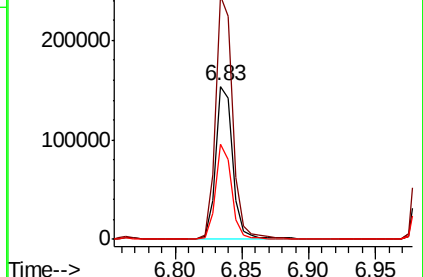
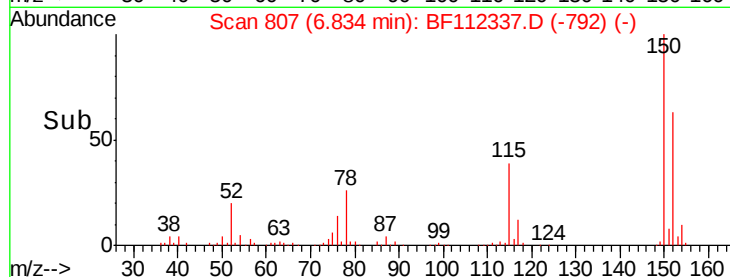


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

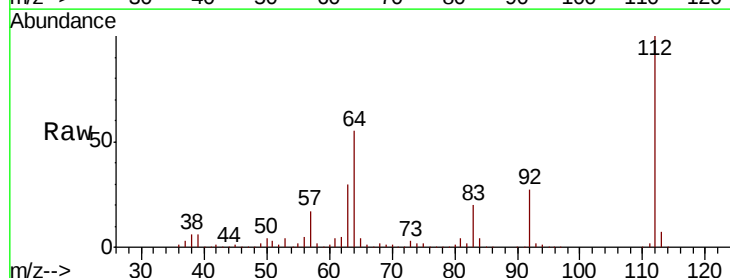
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 104.963 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112337.D
 Acq: 30 Jan 2019 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.7	68.5
63	29.5	23.6	35.4

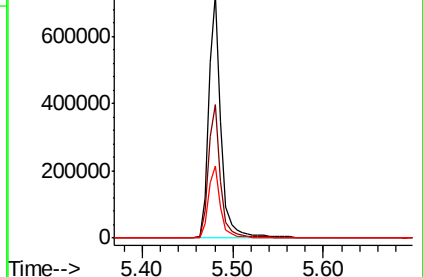
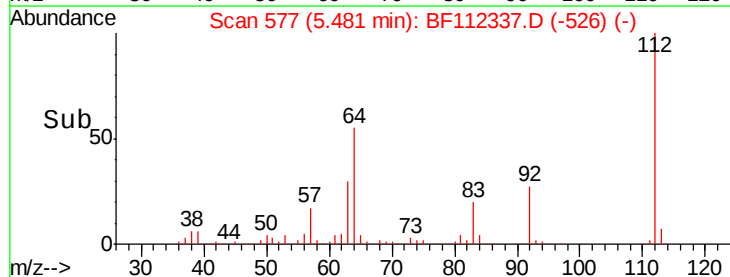


Abundance

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: 92.729 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112337.D

Acq: 30 Jan 2019 22:32

Instrument :

BNA_F

ClientSampleId :

PB116708BL

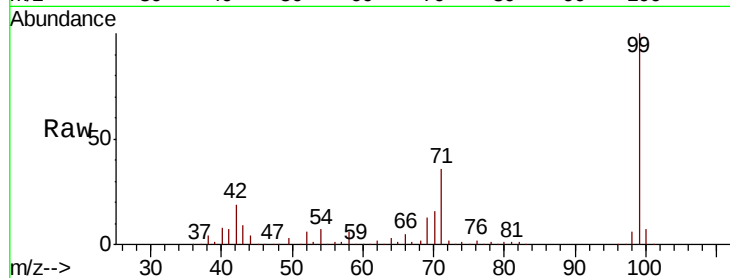
Tot Ion: 99 Resp: 855730

Ion Ratio Lower Upper

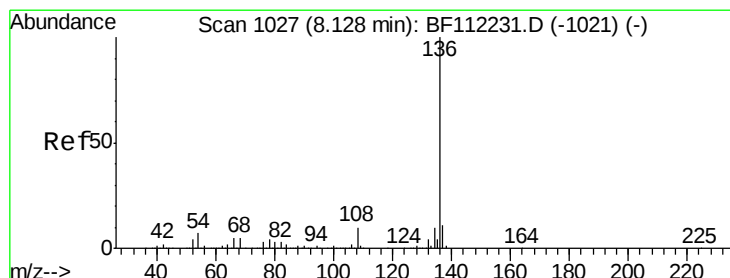
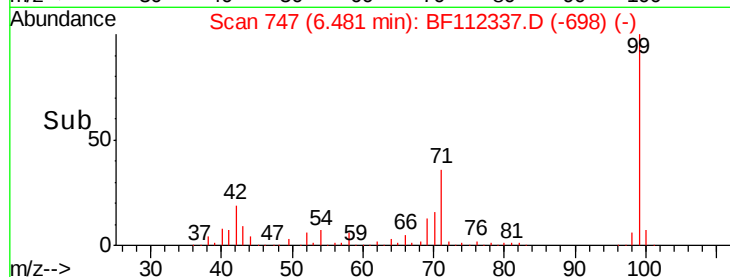
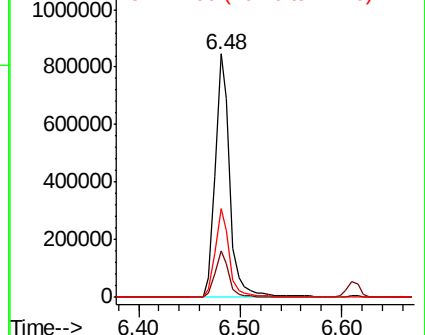
99 100

42 18.9 15.1 22.7

71 36.4 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: BF112337.D

Acq: 30 Jan 2019 22:32

Tgt Ion: 136 Resp: 521260

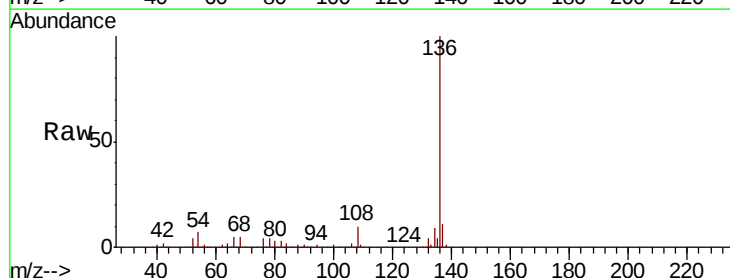
Ion Ratio Lower Upper

136 100

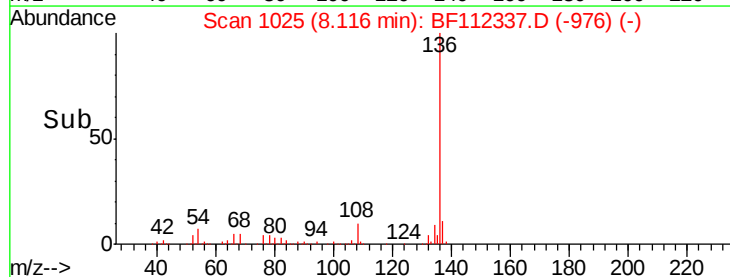
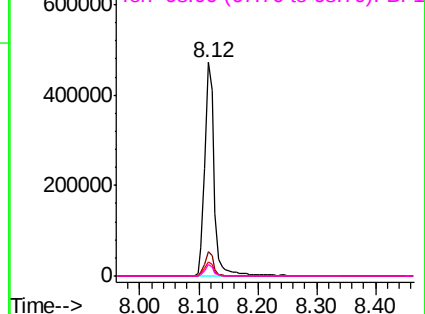
137 11.3 9.1 13.7

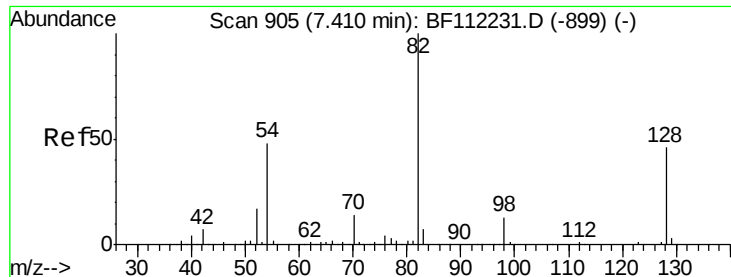
54 6.6 5.9 8.9

68 5.2 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: 88.237 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112337.D

Acq: 30 Jan 2019 22:32

Instrument :

BNA_F

ClientSampleId :

PB116708BL

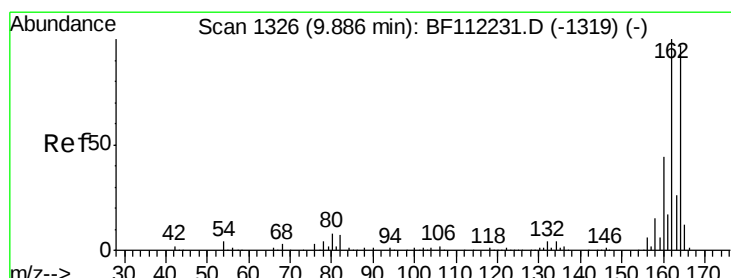
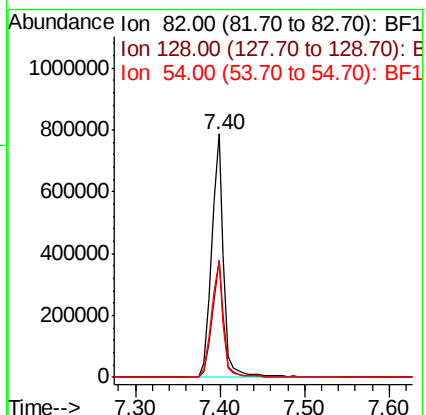
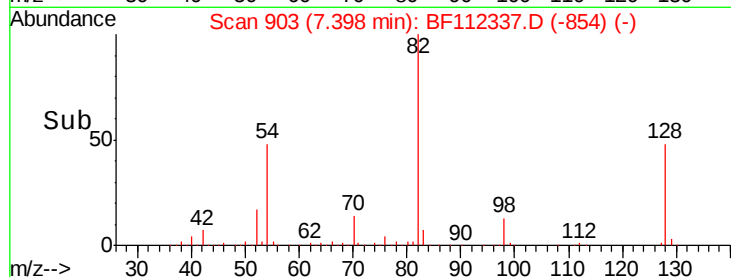
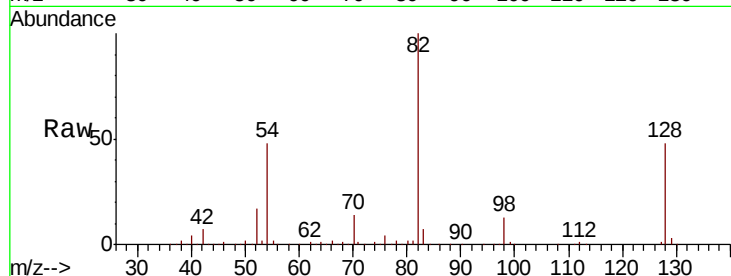
Tot Ion: 82 Resp: 798238

Ion Ratio Lower Upper

82 100

128 47.9 37.8 56.8

54 47.9 39.7 59.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112337.D

Acq: 30 Jan 2019 22:32

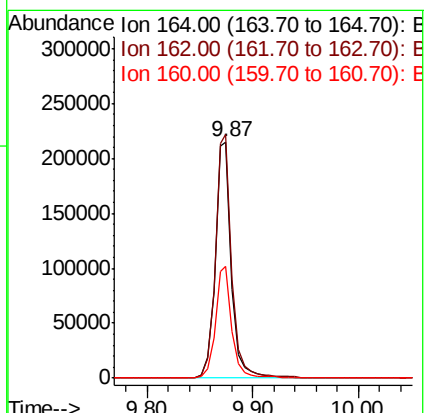
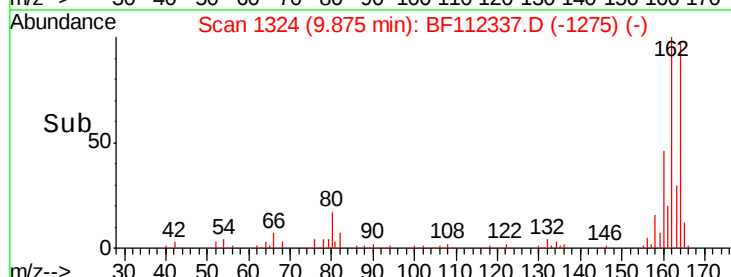
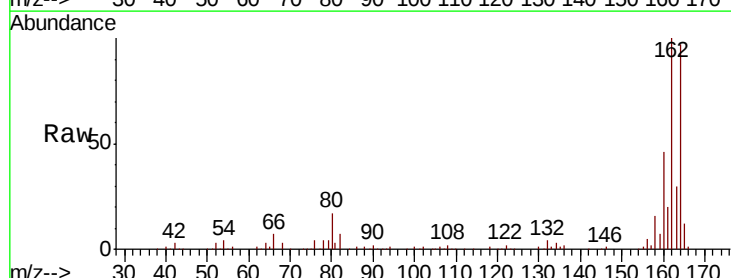
Tgt Ion: 164 Resp: 233571

Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.4

160 47.5 36.2 54.4

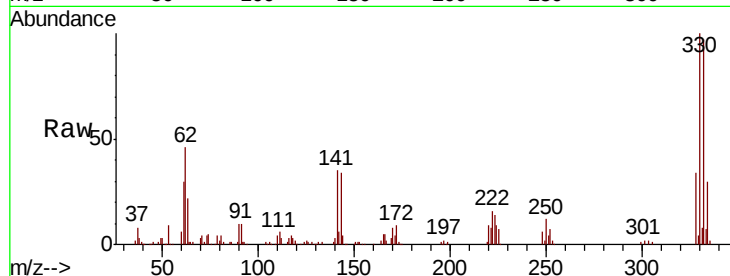




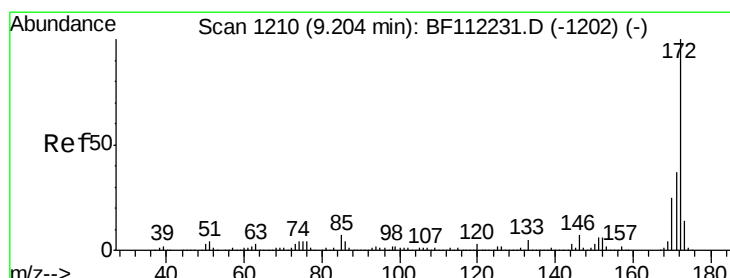
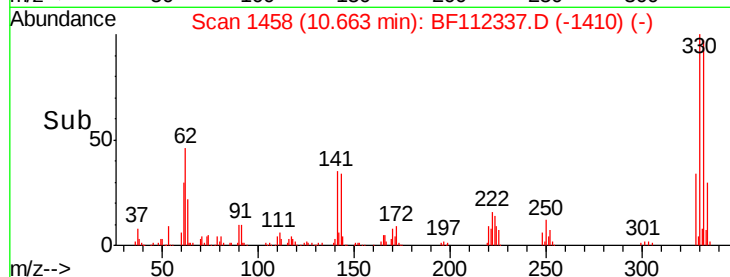
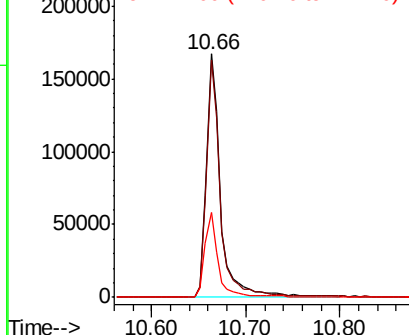
#42
 2,4,6-Tribromophenol
 Concen: 65.348 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112337.D
 Acq: 30 Jan 2019 22:32

Instrument :
 BNA_F
 ClientSampleId :
 PB116708BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	33.3	24.3	36.5

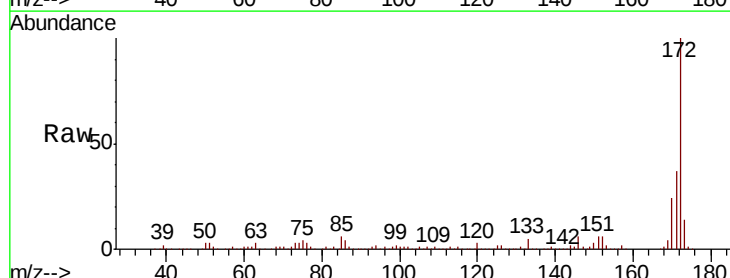


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

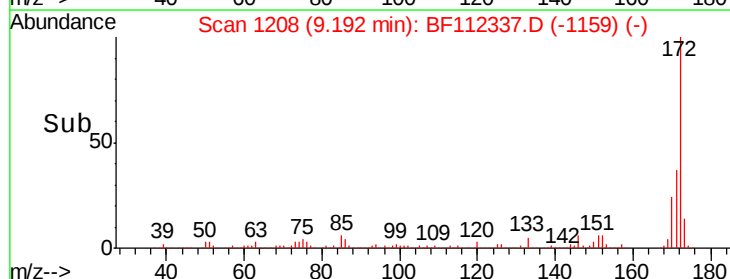
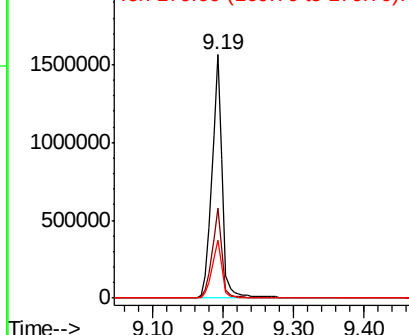


#45
 2-Fluorobiphenyl
 Concen: 96.978 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112337.D
 Acq: 30 Jan 2019 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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

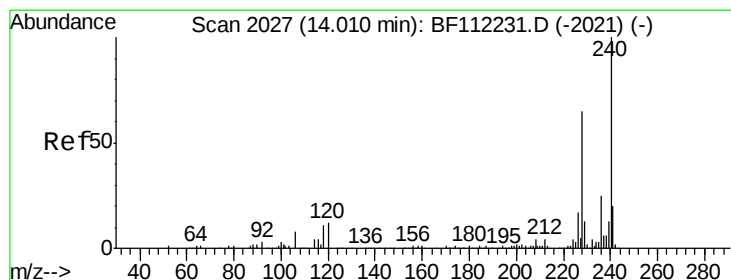
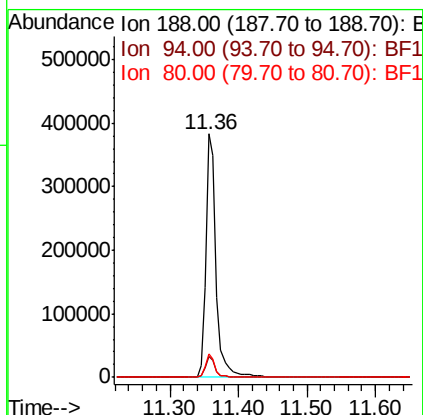
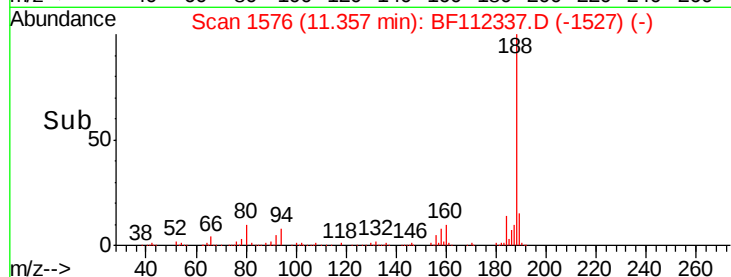
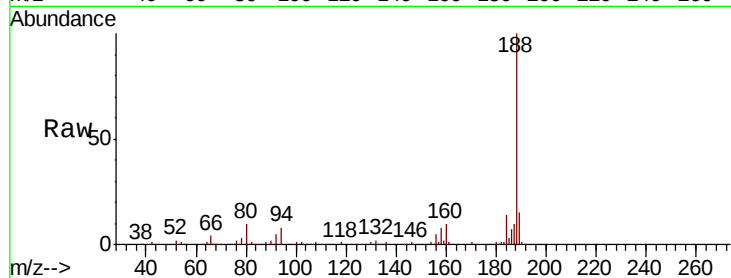




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112337.D
Acq: 30 Jan 2019 22:32

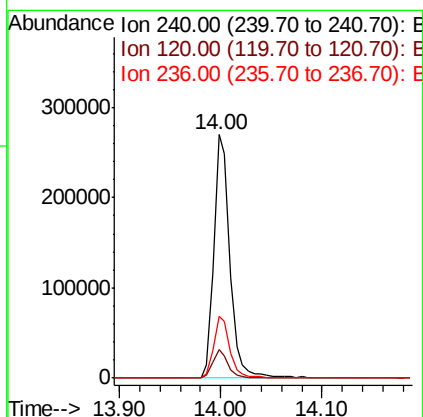
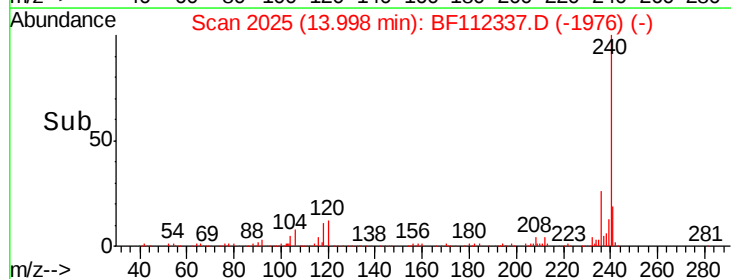
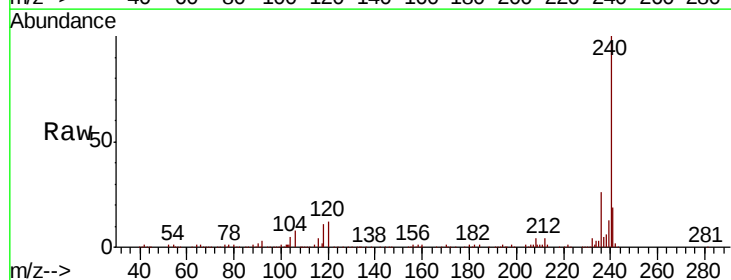
Instrument :
BNA_F
ClientSampleId :
PB116708BL

Tot Ion:188 Resp: 405350
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.6 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: BF112337.D
Acq: 30 Jan 2019 22:32

Tgt Ion:240 Resp: 297774
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 75.744 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112337.D

Acq: 30 Jan 2019 22:32

Instrument :

BNA_F

ClientSampleId :

PB116708BL

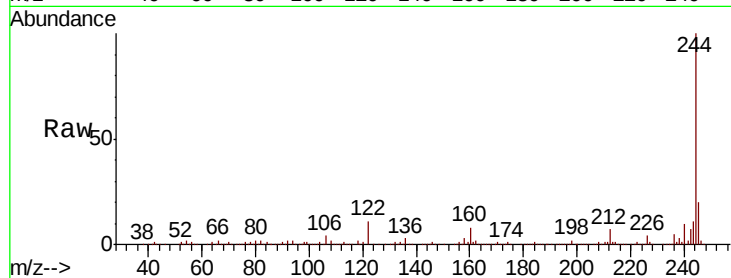
Tot Ion:244 Resp: 1197524

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

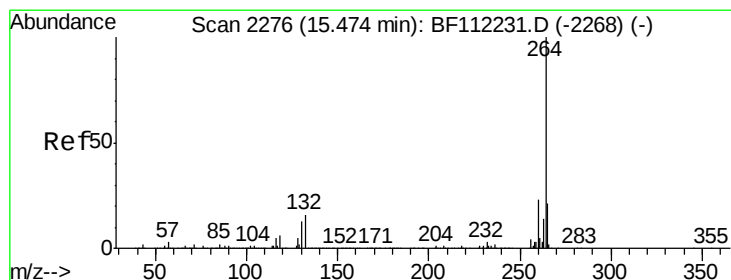
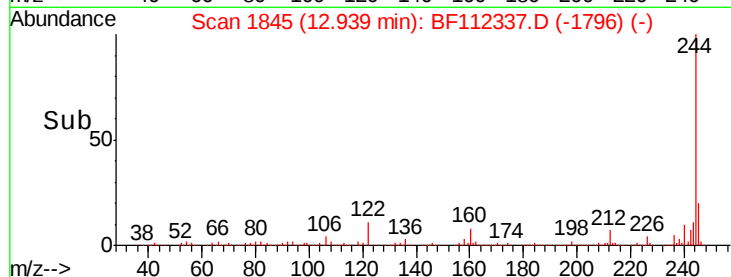
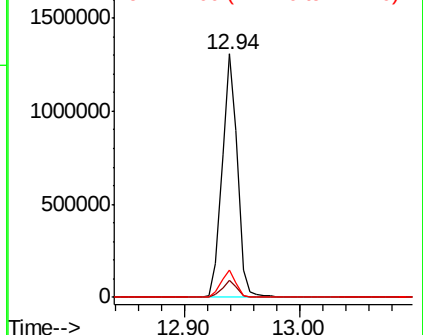
122 11.4 9.8 14.6



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# 2275

Delta R.T. -0.01 min

Lab File: BF112337.D

Acq: 30 Jan 2019 22:32

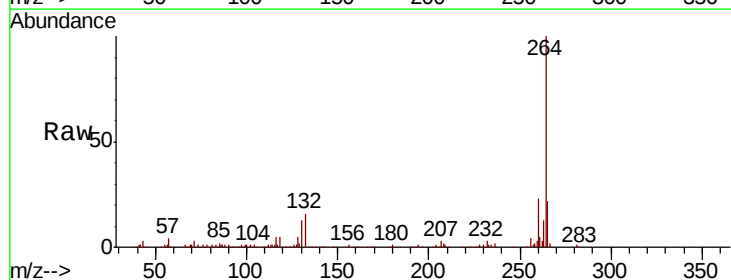
Tgt Ion:264 Resp: 323341

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 21.6 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

