

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112388.D
 Acq On : 4 Feb 2019 18:55
 Operator : JU/SJ
 Sample : K1360-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Quant Time: Feb 05 01:22:33 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	134920	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	520563	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	253184	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	510087	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	453911	20.00	ng	-0.01
87) Perylene-d12	15.46	264	359180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	904230	142.35	ng	0.00
7) Phenol-d6	6.48	99	1009859	114.41	ng	-0.01
23) Nitrobenzene-d5	7.39	82	790136	87.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	423729	143.78	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1605415	89.68	ng	-0.02
79) Terphenyl-d14	12.94	244	1875869	77.84	ng	-0.01

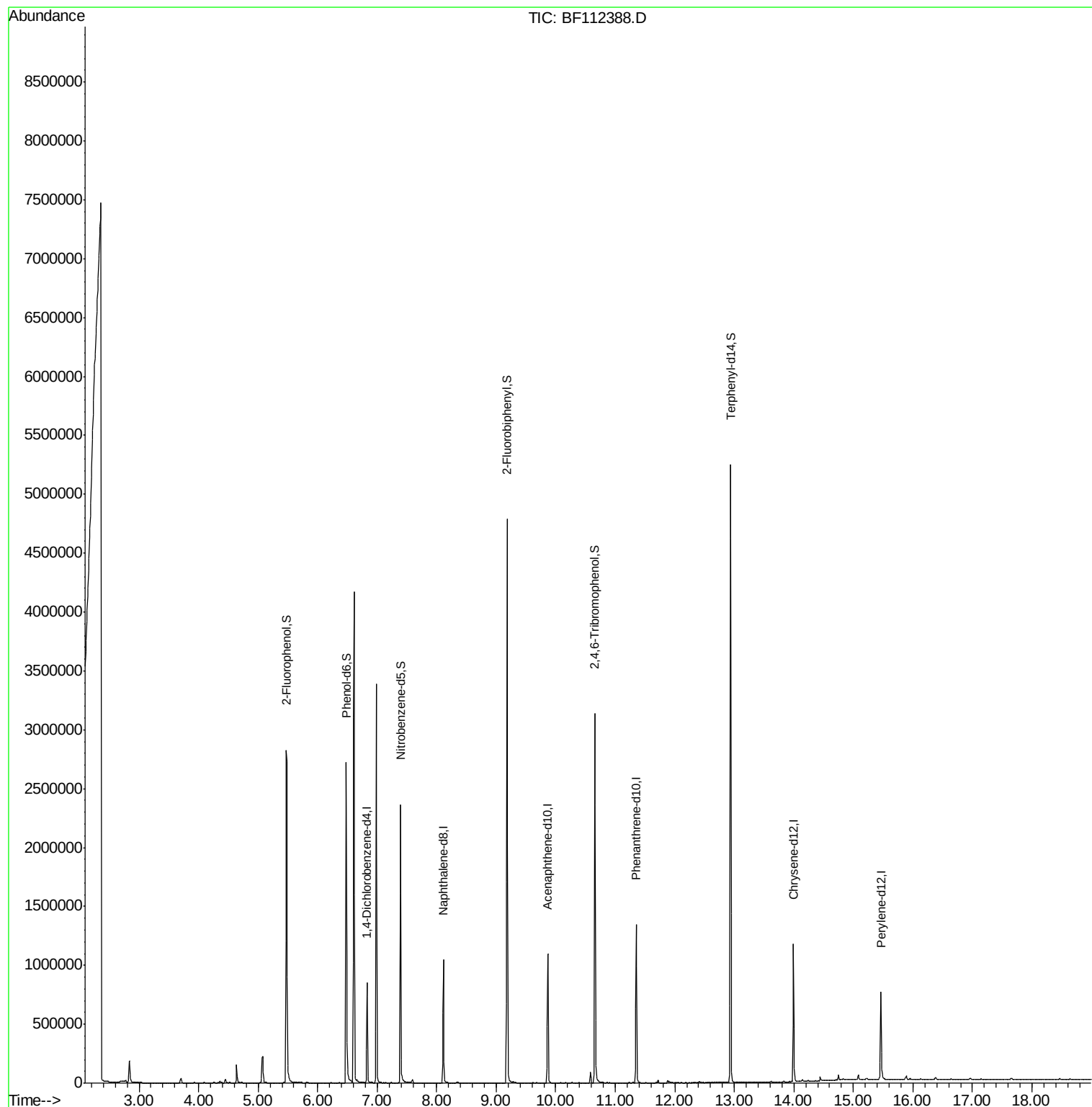
Target Compounds Qvalue

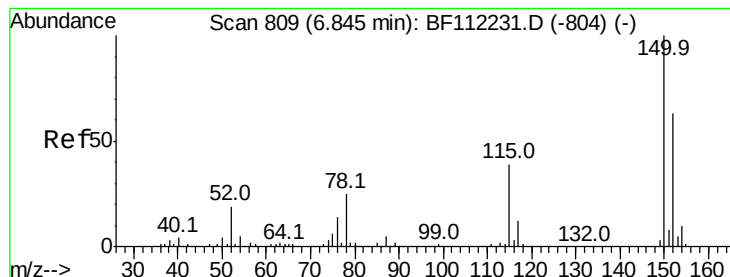
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112388.D
Acq On : 4 Feb 2019 18:55
Operator : JU/SJ
Sample : K1360-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Quant Time: Feb 05 01:22:33 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



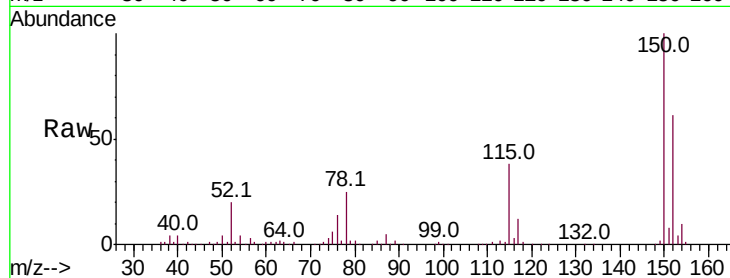


#1

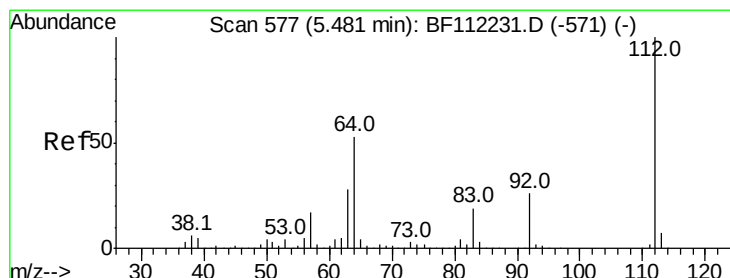
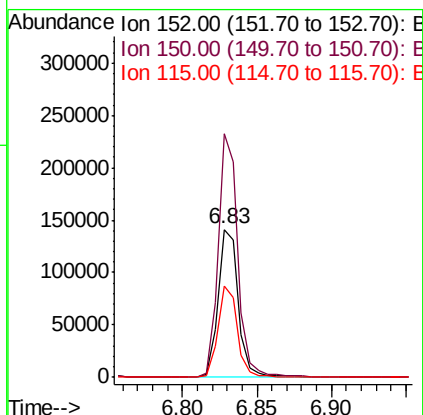
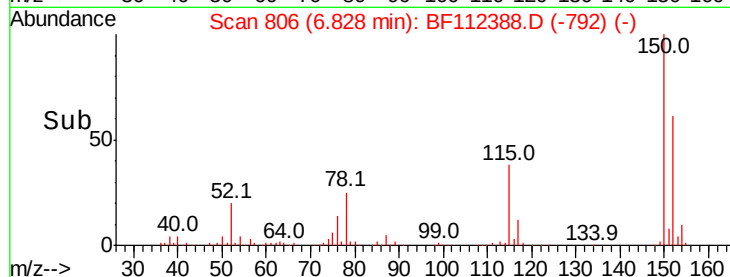
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Instrument :
BNA_F
ClientSampleId :
RBR-200053

Tot Ion:152 Resp: 134920
Ion Ratio Lower Upper
152 100
150 164.5 127.4 191.0
115 61.9 45.5 68.3



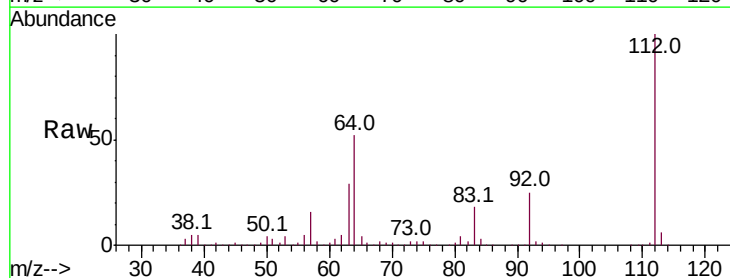
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



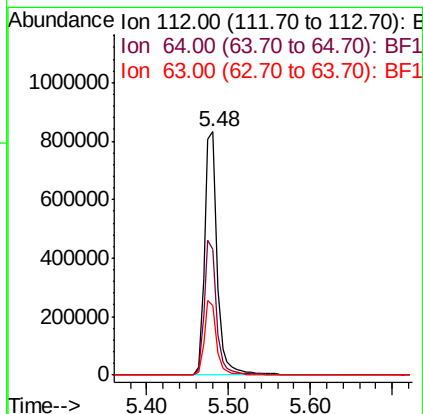
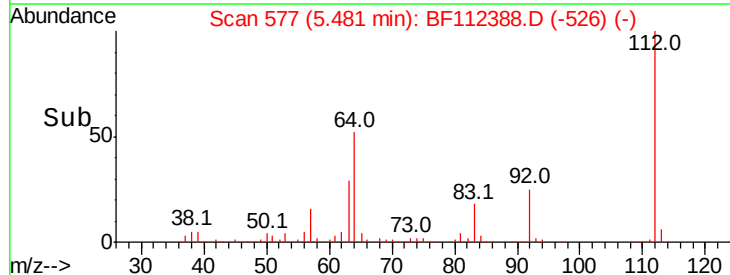
#5

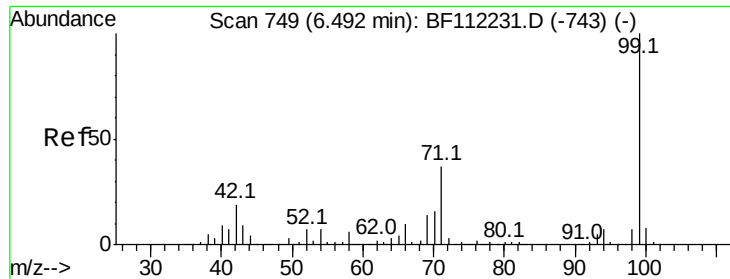
2-Fluorophenol
Concen: 142.354 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Tgt Ion:112 Resp: 904230
Ion Ratio Lower Upper
112 100
64 51.7 45.7 68.5
63 28.6 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: 114.414 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

Instrument :

BNA_F

ClientSampleId :

RBR-200053

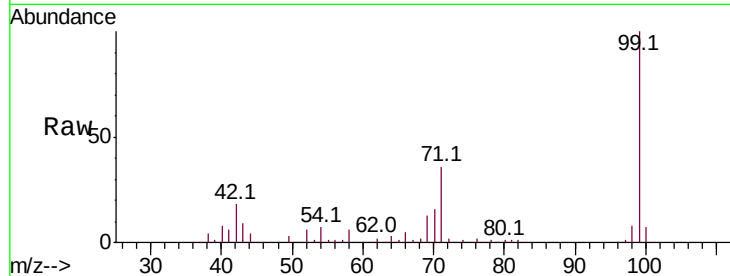
Tot Ion: 99 Resp: 1009859

Ion Ratio Lower Upper

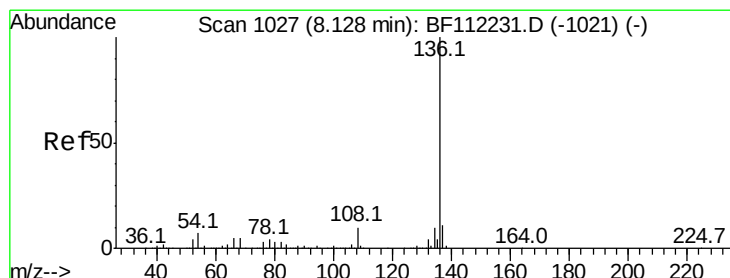
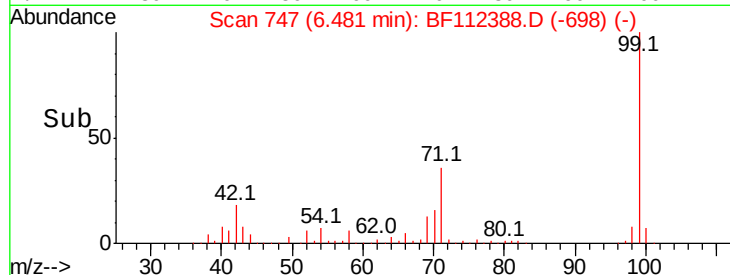
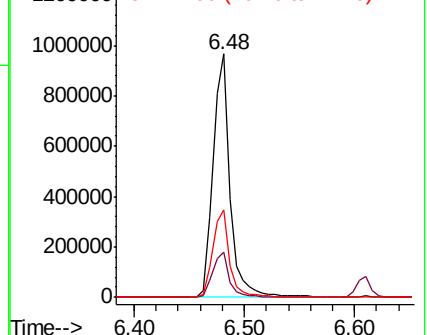
99 100

42 18.5 15.1 22.7

71 35.7 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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

Tgt Ion: 136 Resp: 520563

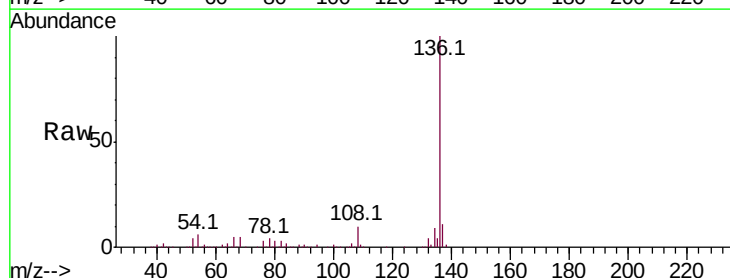
Ion Ratio Lower Upper

136 100

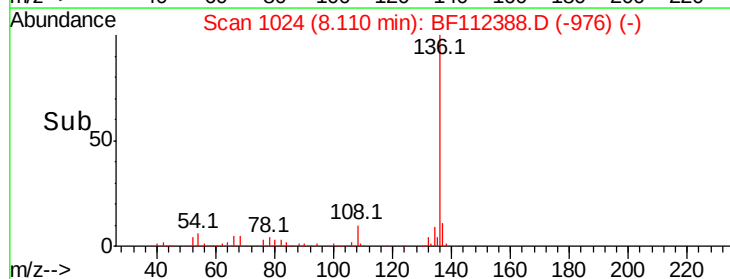
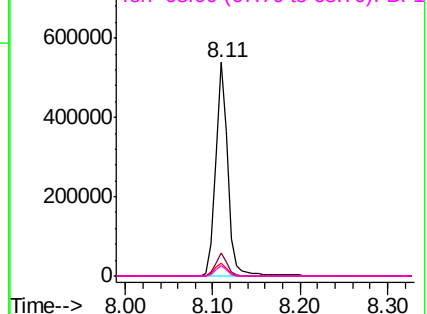
137 11.0 9.1 13.7

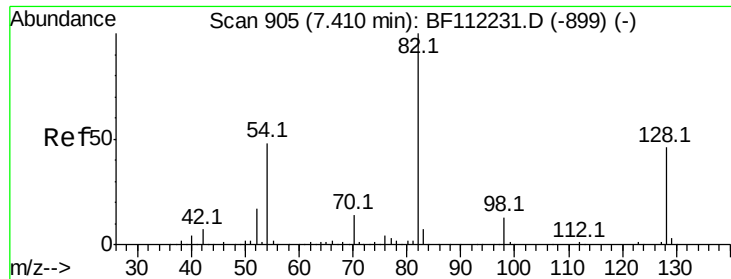
54 6.2 5.9 8.9

68 4.8 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

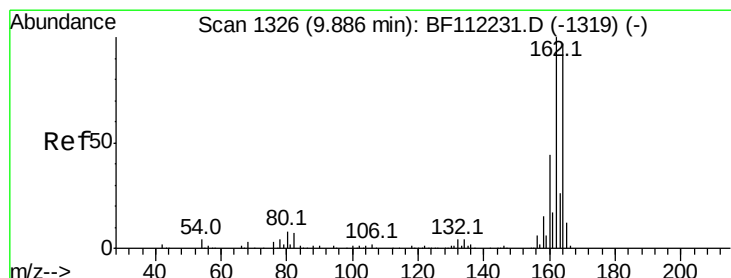
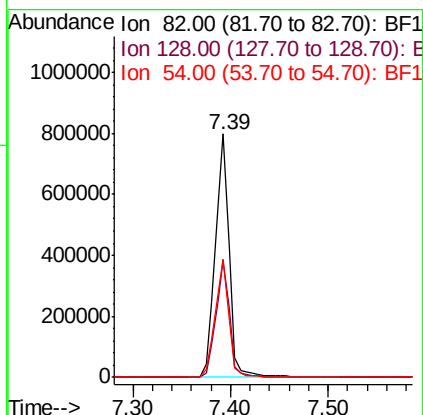
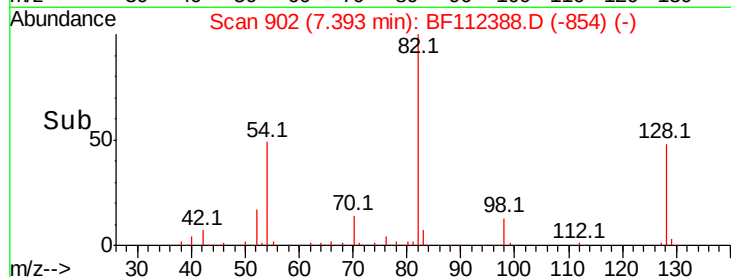
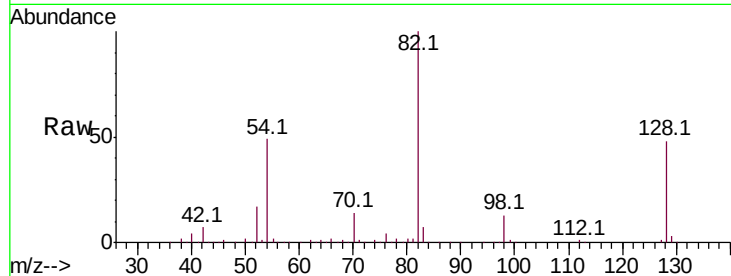




#23
Nitrobenzene-d5
Concen: 87.458 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

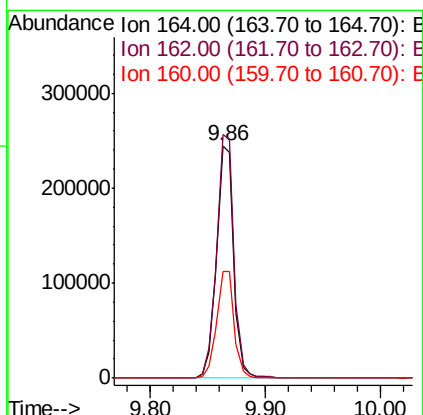
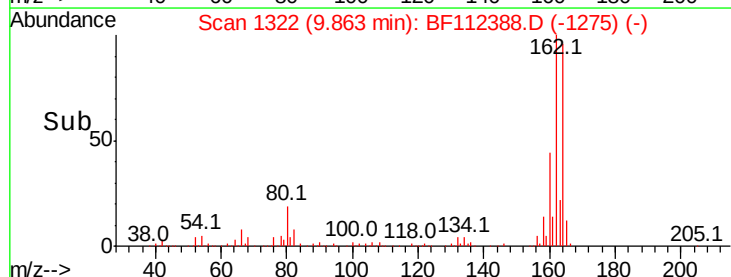
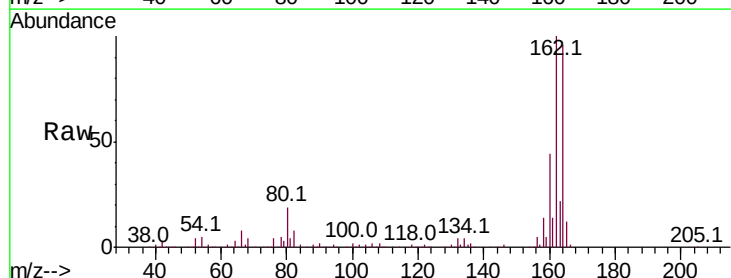
Instrument :
BNA_F
ClientSampleId :
RBR-200053

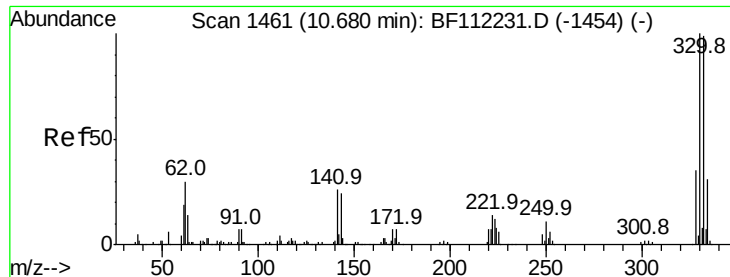
Tot Ion: 82 Resp: 790136
Ion Ratio Lower Upper
82 100
128 48.1 37.8 56.8
54 48.6 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Tgt Ion:164 Resp: 253184
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.4
160 46.0 36.2 54.4

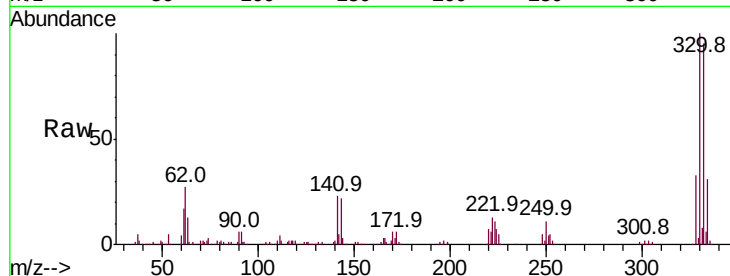




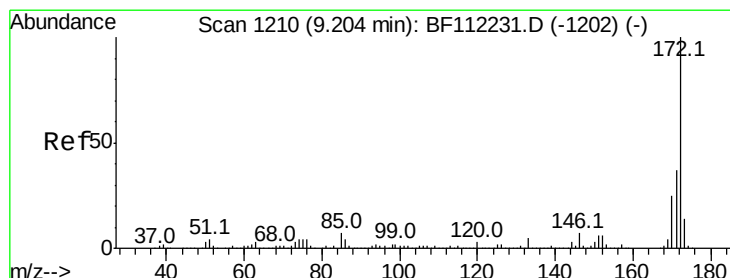
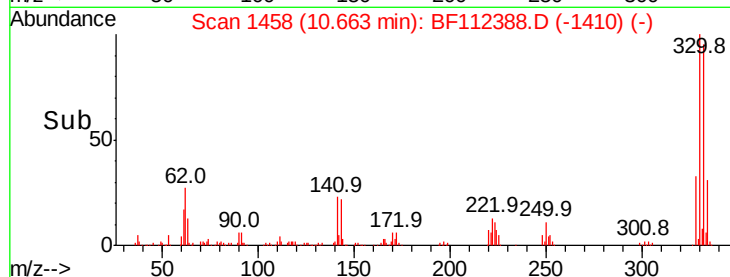
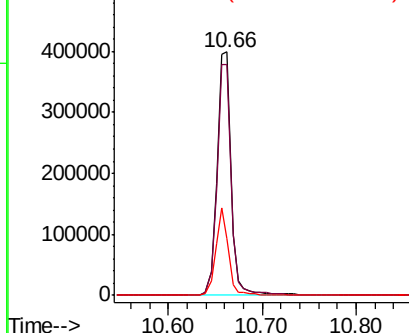
#42
 2,4,6-Tribromophenol
 Concen: 143.784 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200053

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	32.1	24.3	36.5

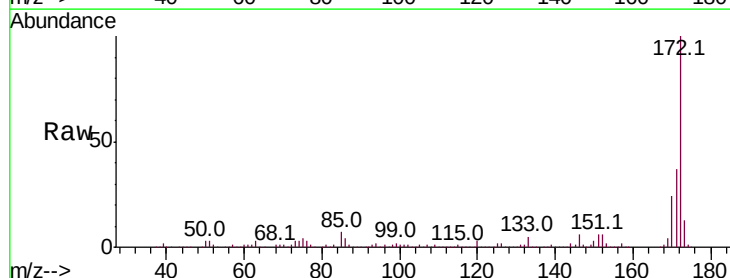


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

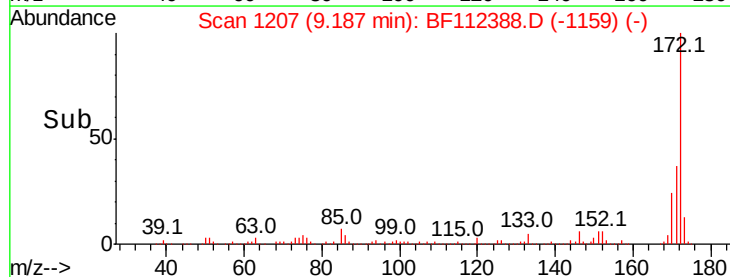
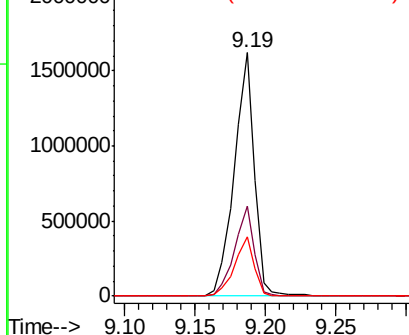


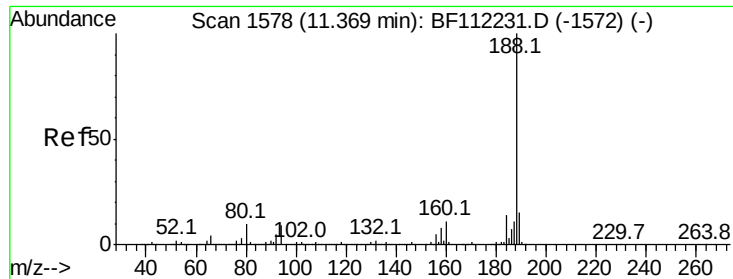
#45
 2-Fluorobiphenyl
 Concen: 89.682 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112388.D
 Acq: 4 Feb 2019 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.2	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

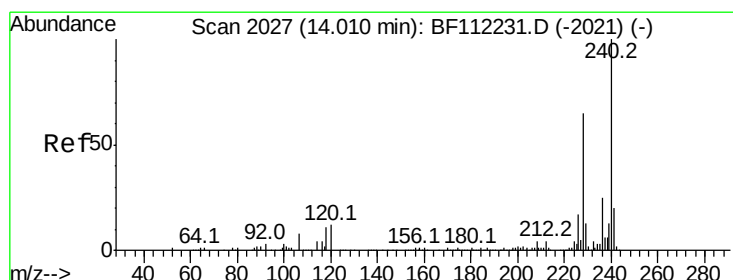
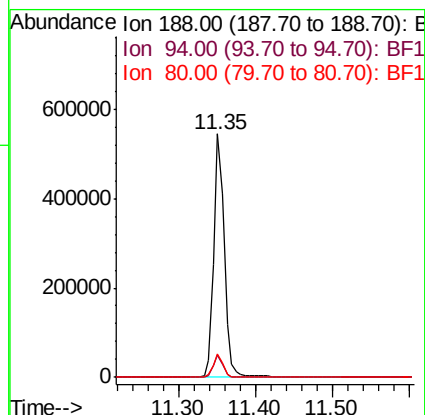
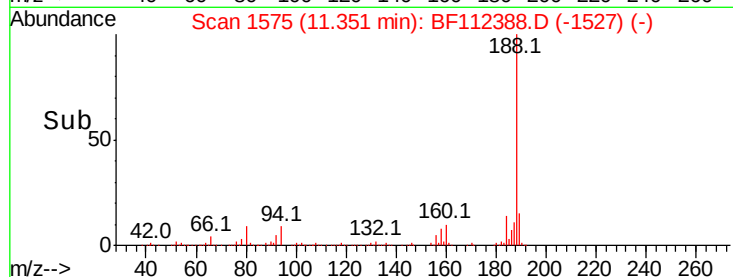
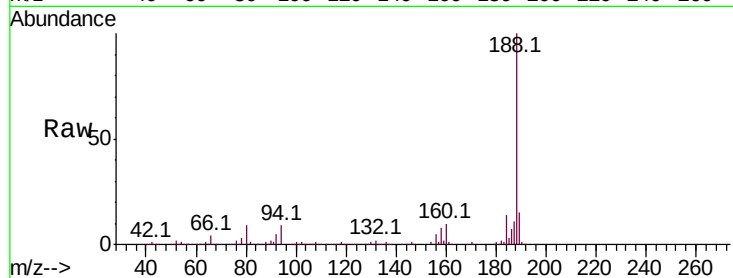




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

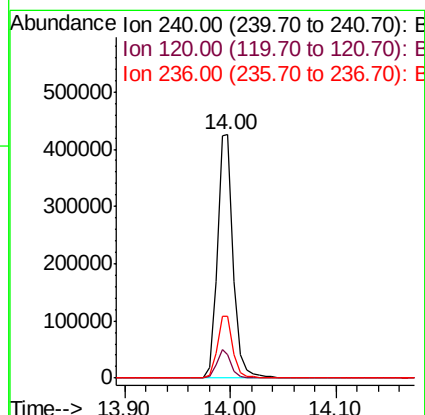
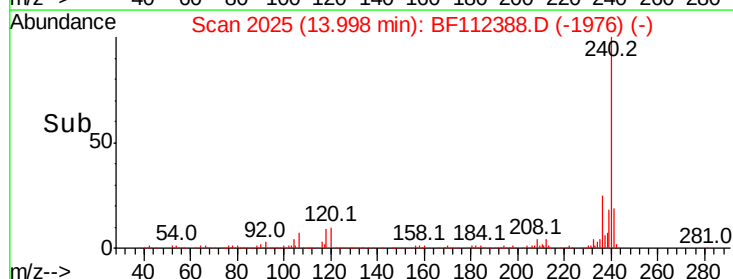
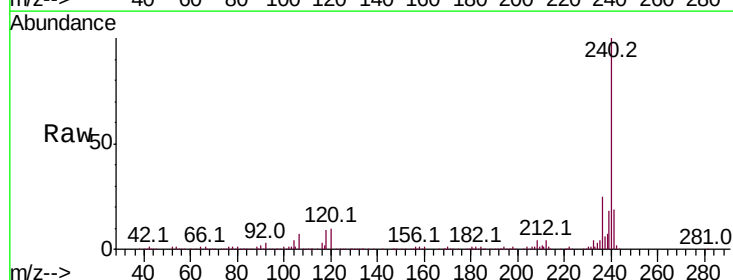
Instrument :
BNA_F
ClientSampleId :
RBR-200053

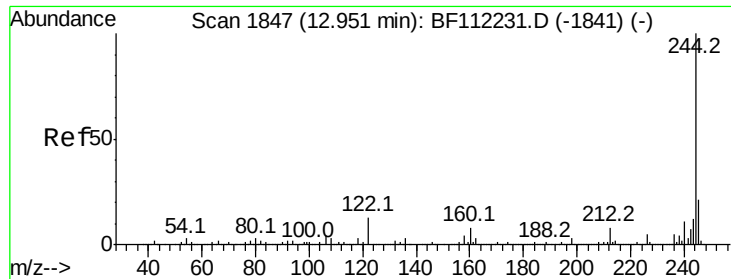
Tot Ion:188 Resp: 510087
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112388.D
Acq: 4 Feb 2019 18:55

Tgt Ion:240 Resp: 453911
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 77.837 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

Instrument :

BNA_F

ClientSampleId :

RBR-200053

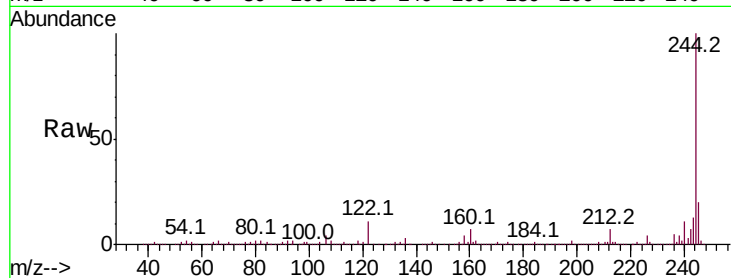
Tot Ion:244 Resp: 1875869

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

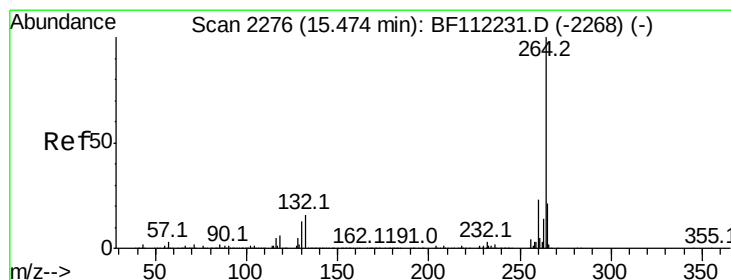
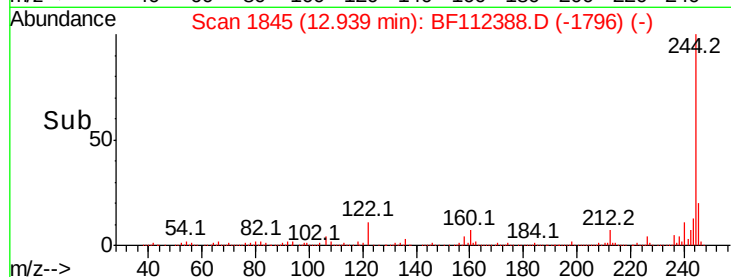
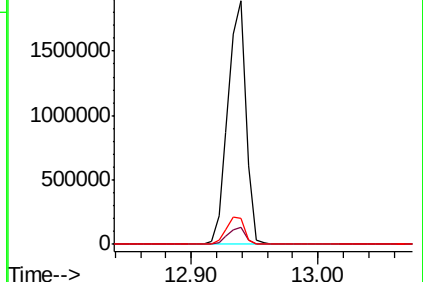
122 10.9 9.8 14.6



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112388.D

Acq: 4 Feb 2019 18:55

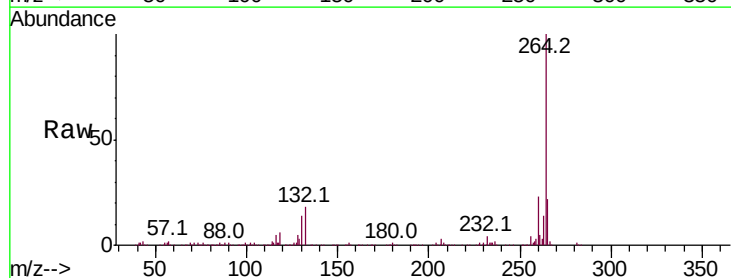
Tgt Ion:264 Resp: 359180

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 22.0 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

