

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116933.D
 Acq On : 10 Sep 2019 20:41
 Operator : HP/JU
 Sample : K4789-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200029

Quant Time: Sep 11 01:31:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

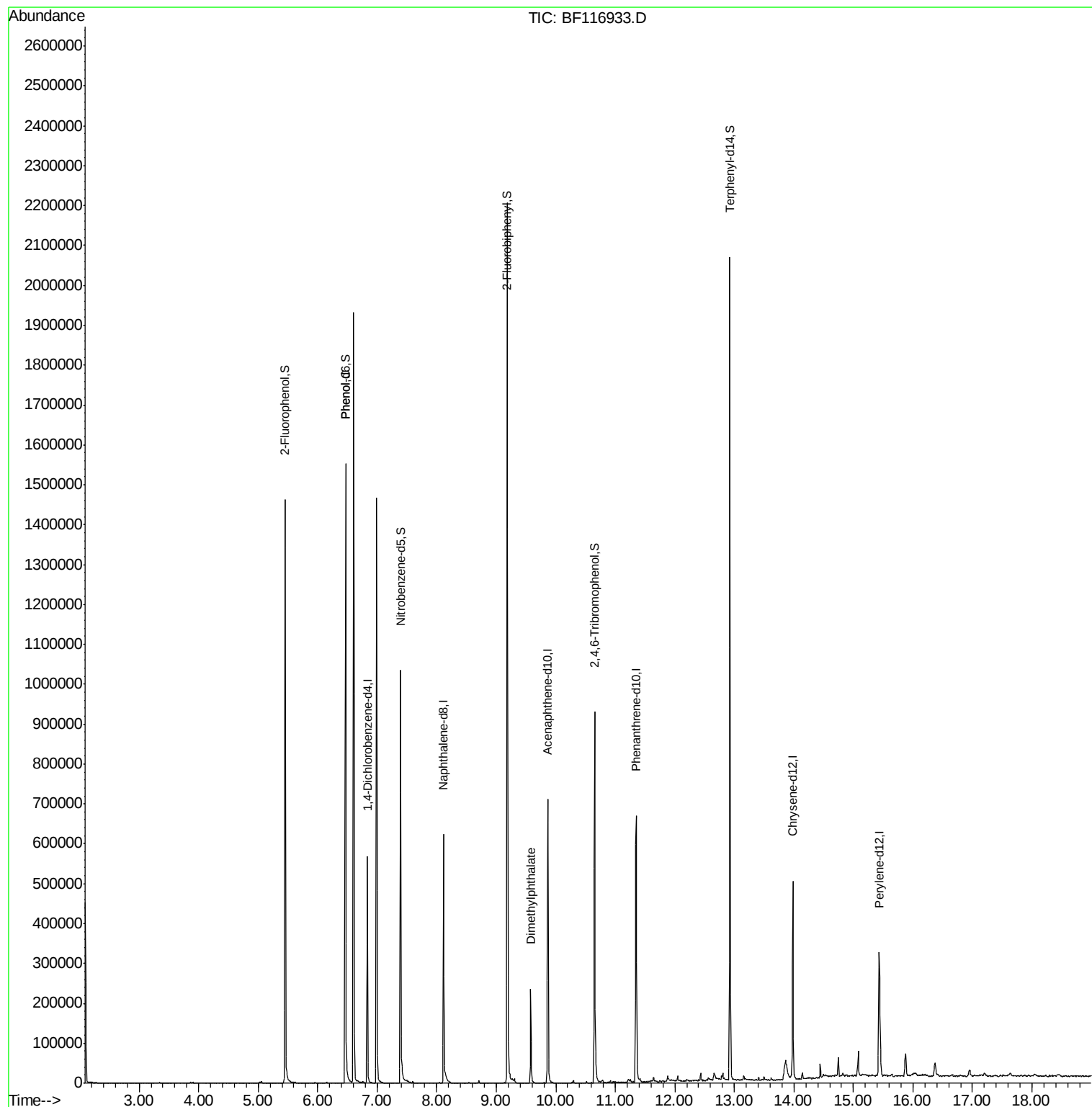
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	79688	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	324213	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	165016	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	275418	20.00	ng	0.00
76) Chrysene-d12	13.98	240	165929	20.00	ng	0.00
87) Perylene-d12	15.43	264	160821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	455318	92.57	ng	0.00
7) Phenol-d6	6.47	99	622048	96.31	ng	0.00
23) Nitrobenzene-d5	7.39	82	391437	68.92	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	104036	94.31	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	691213	70.66	ng	0.00
79) Terphenyl-d14	12.93	244	653525	72.86	ng	0.00
Target Compounds						
10) Phenol	6.47	94	17573	2.457	ng	83
50) Dimethylphthalate	9.58	163	107845	9.466	ng	99

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

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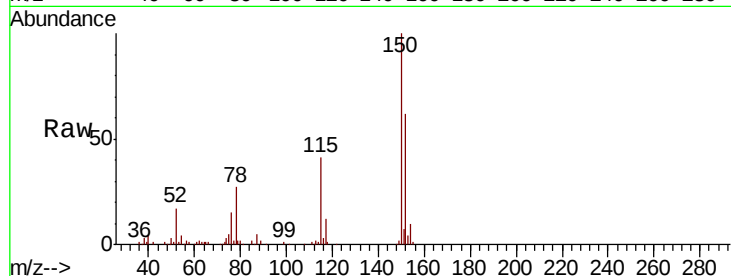


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
RBR200029

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.4	186.6
115	65.6	49.9	74.9

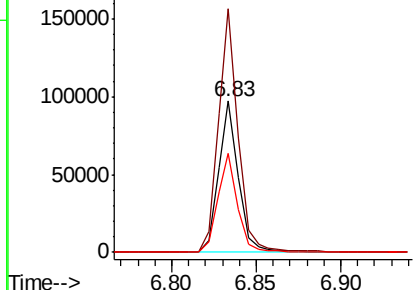
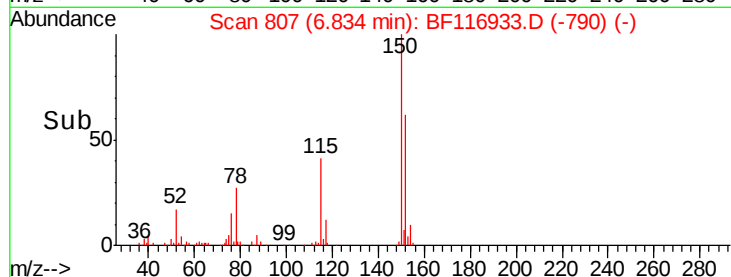


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

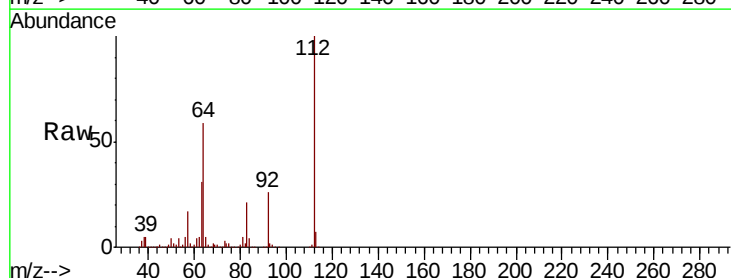
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.566 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.1	70.7
63	31.1	24.9	37.3

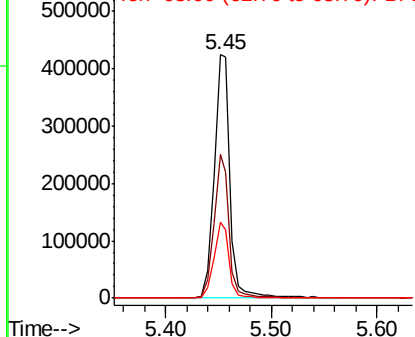
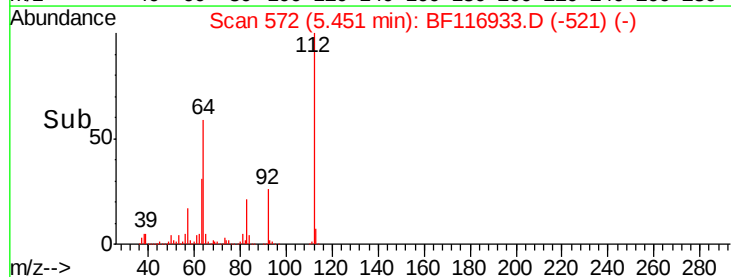


Abundance

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: 96.307 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

Instrument :

BNA_F

ClientSampleId :

RBR200029

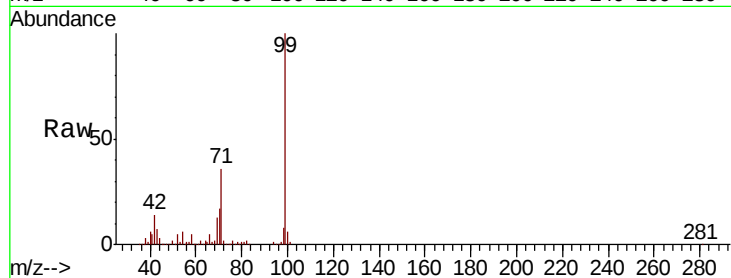
Tot Ion: 99 Resp: 622048

Ion Ratio Lower Upper

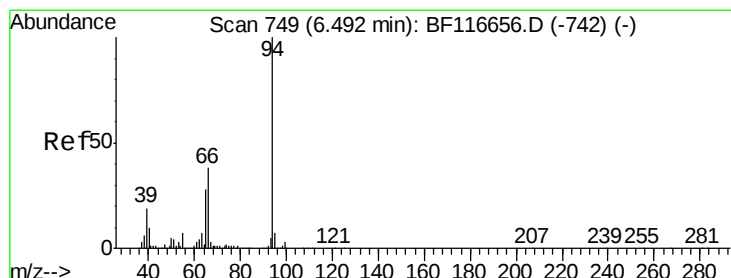
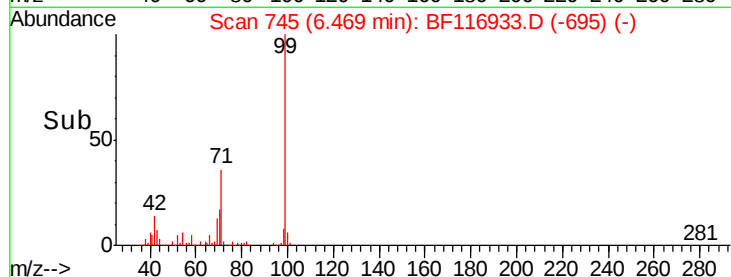
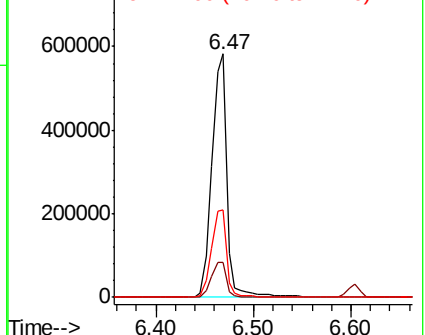
99 100

42 14.4 13.7 20.5

71 36.0 30.8 46.2



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



#10

Phenol

Concen: 2.457 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

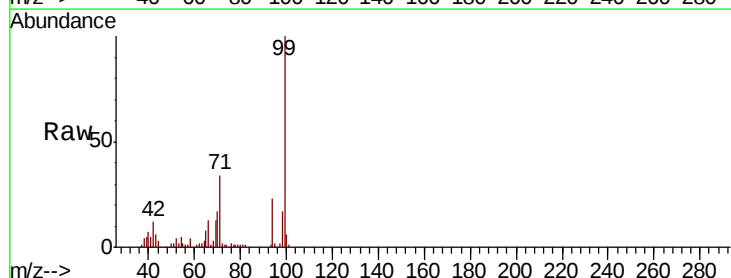
Tgt Ion: 94 Resp: 17573

Ion Ratio Lower Upper

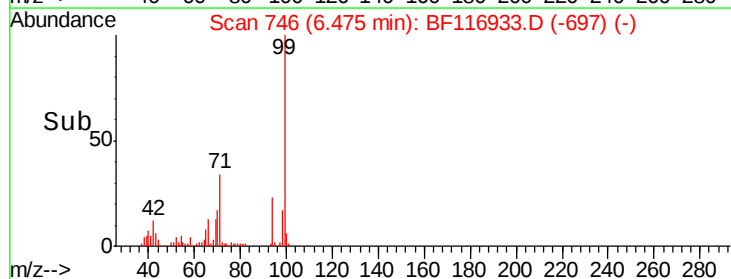
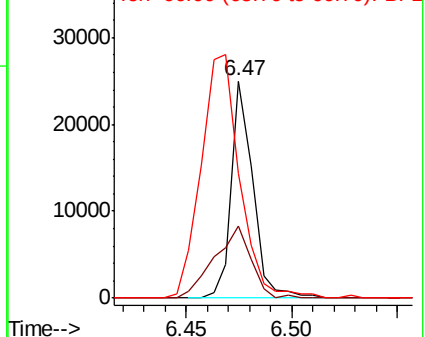
94 100

65 33.3 10.8 50.8

66 57.5 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

Instrument :

BNA_F

ClientSampleId :

RBR200029

Tot Ion:136 Resp: 324213

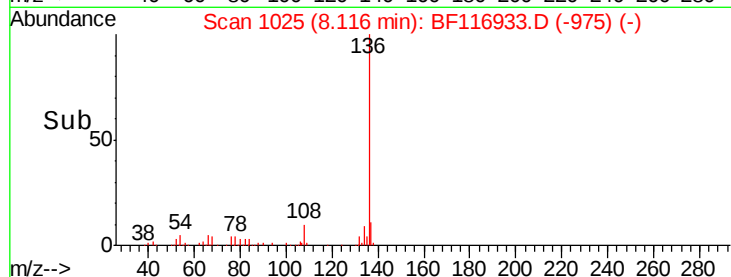
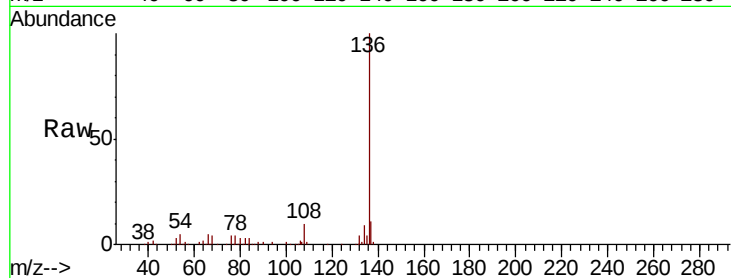
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.4 4.8 7.2

68 4.2 4.0 6.0

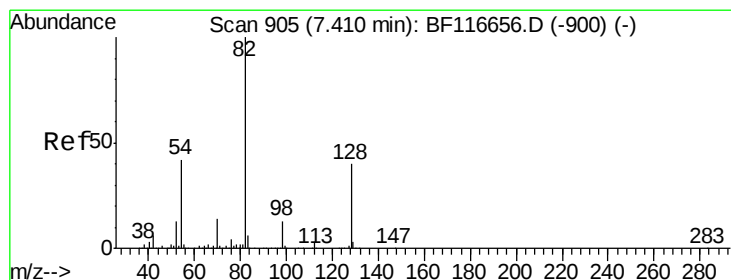
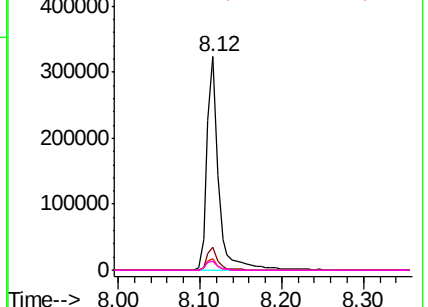


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.924 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

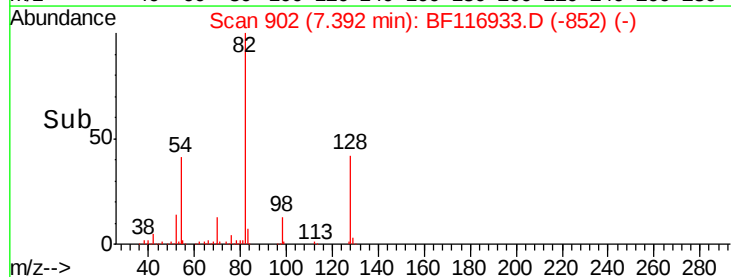
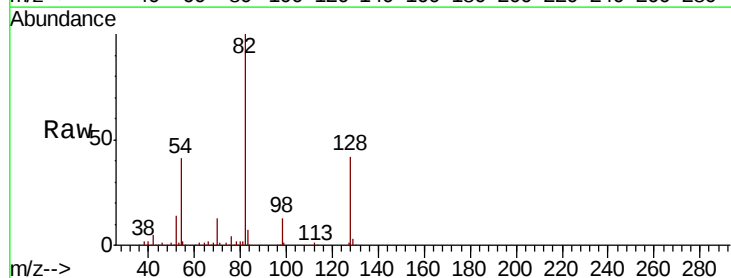
Tgt Ion: 82 Resp: 391437

Ion Ratio Lower Upper

82 100

128 42.1 32.8 49.2

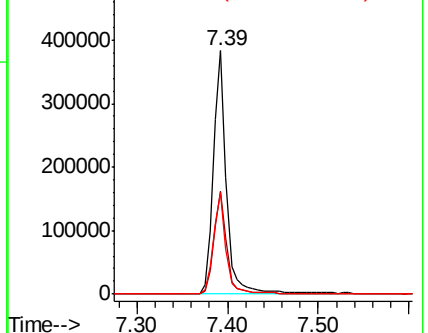
54 41.5 36.9 55.3



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

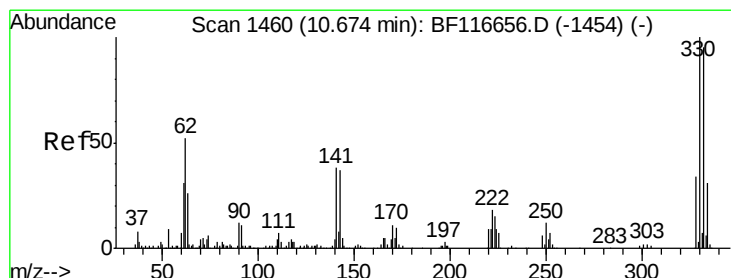
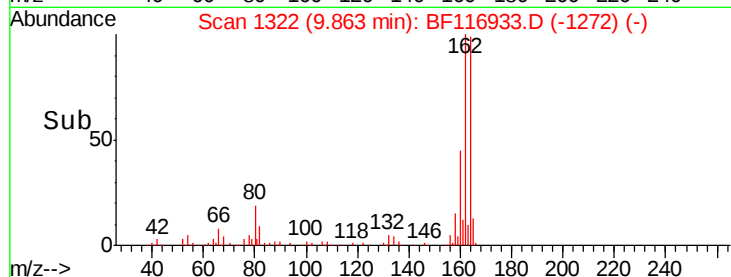
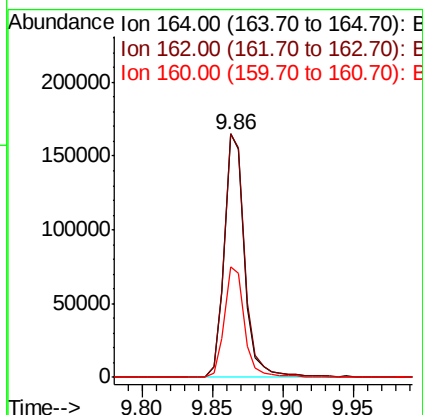
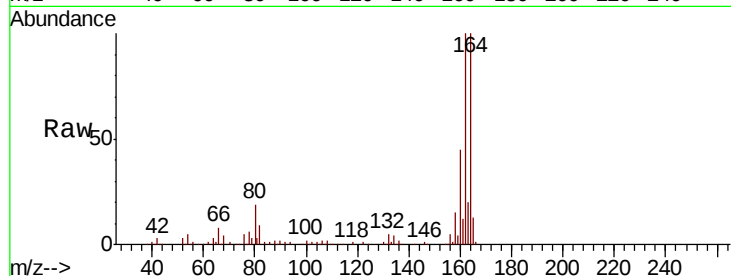




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

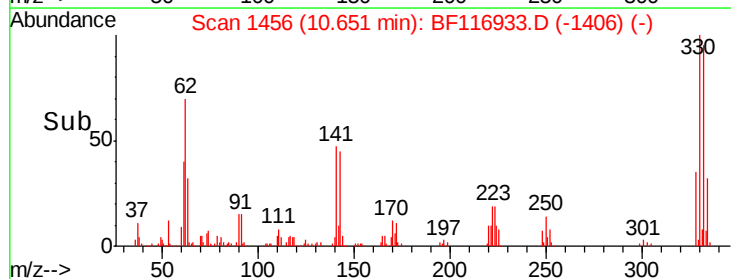
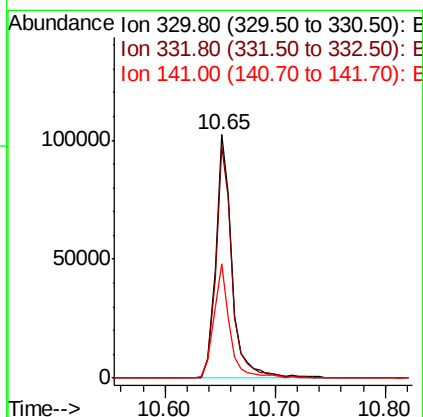
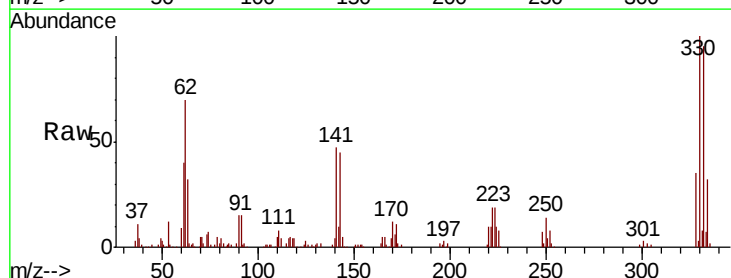
Instrument :
BNA_F
ClientSampleId :
RBR200029

Tot Ion:164 Resp: 165016
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 45.6 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 94.307 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion:330 Resp: 104036
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 45.7 31.4 47.2

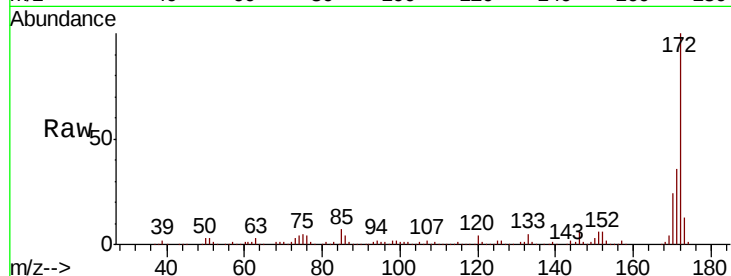




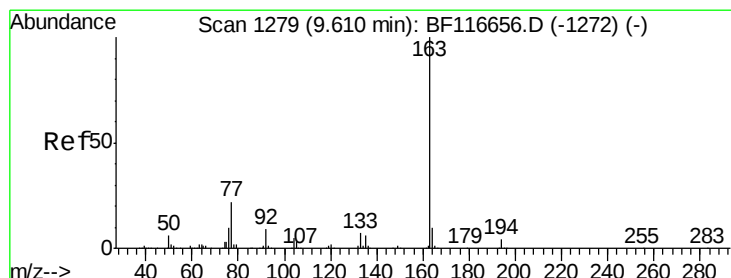
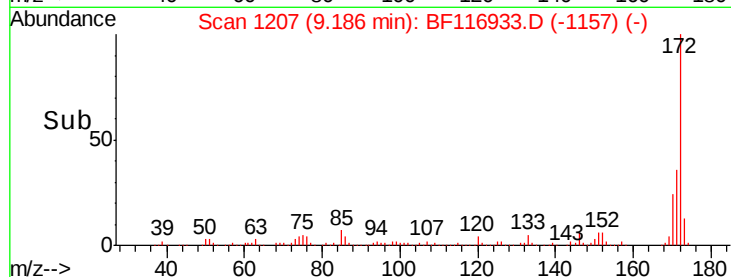
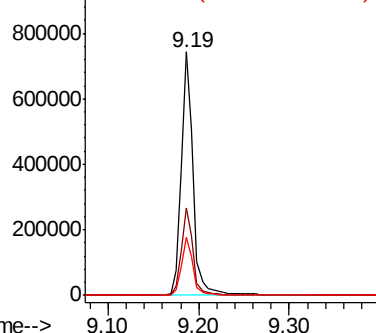
#45
2-Fluorobiphenyl
Concen: 70.660 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
RBR200029

Tot Ion:172 Resp: 691213
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 23.6 18.9 28.3

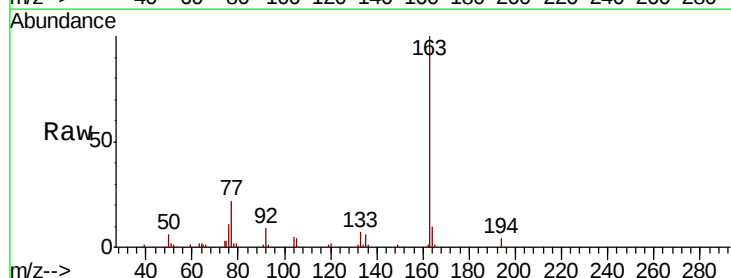


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

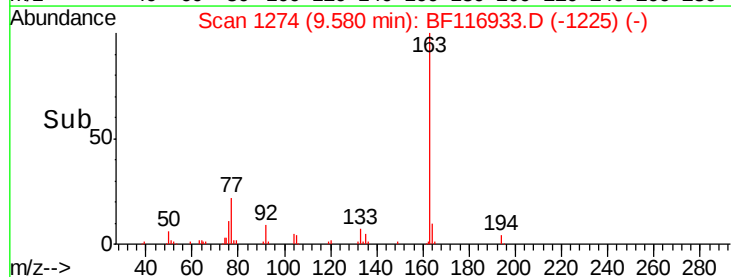
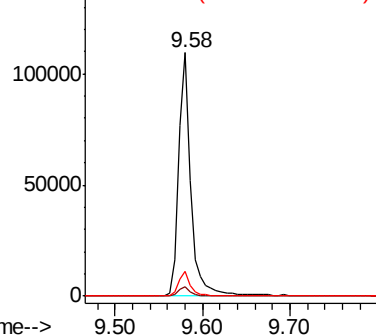


#50
Dimethylphthalate
Concen: 9.466 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion:163 Resp: 107845
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.2 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

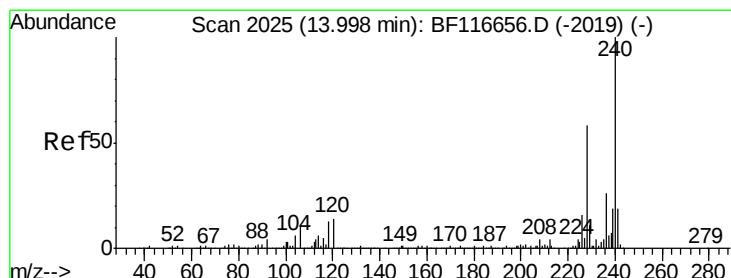
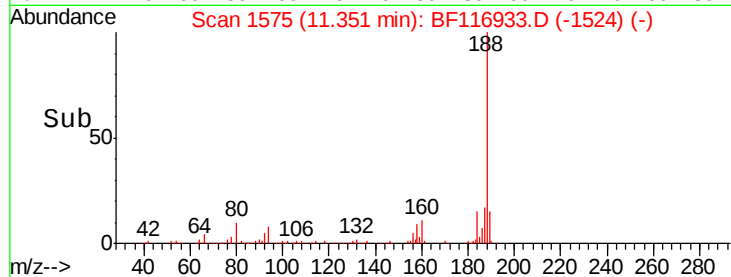
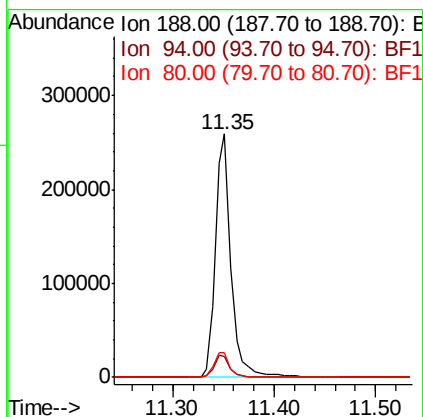
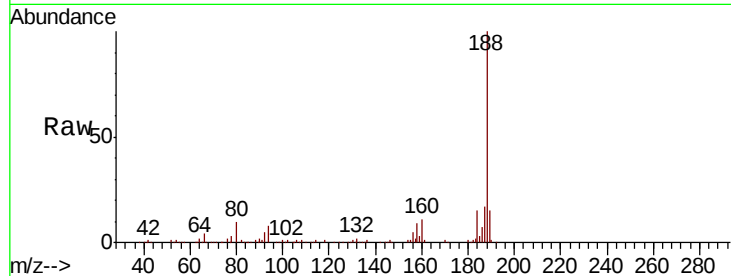




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

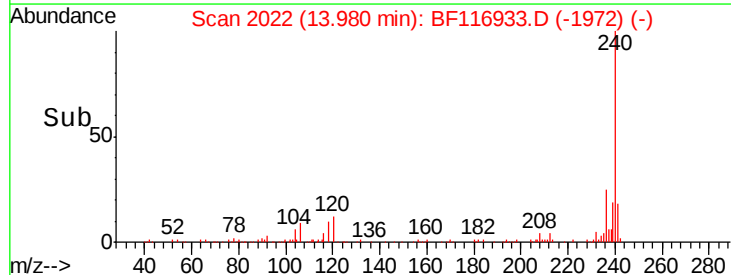
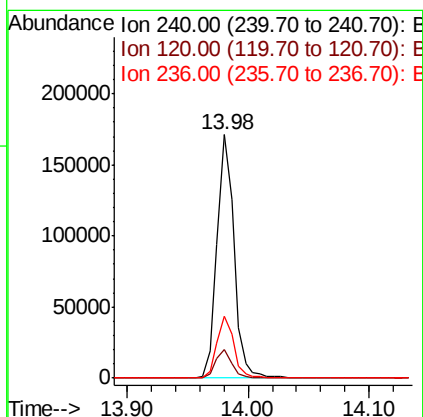
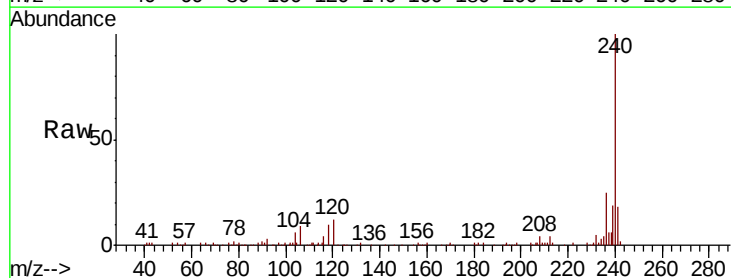
Instrument :
BNA_F
ClientSampleId :
RBR200029

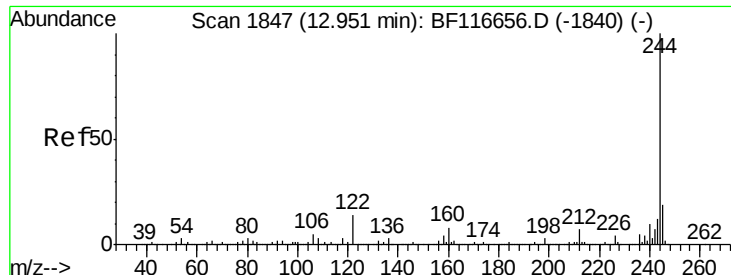
Tot Ion:188 Resp: 275418
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 9.9 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116933.D
Acq: 10 Sep 2019 20:41

Tgt Ion:240 Resp: 165929
Ion Ratio Lower Upper
240 100
120 11.5 9.1 13.7
236 25.3 21.1 31.7





#79

Terphenyl-d14

Concen: 72.861 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

Instrument :

BNA_F

ClientSampleId :

RBR200029

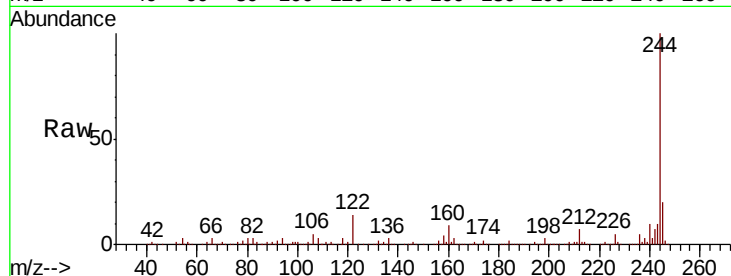
Tot Ion:244 Resp: 653525

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

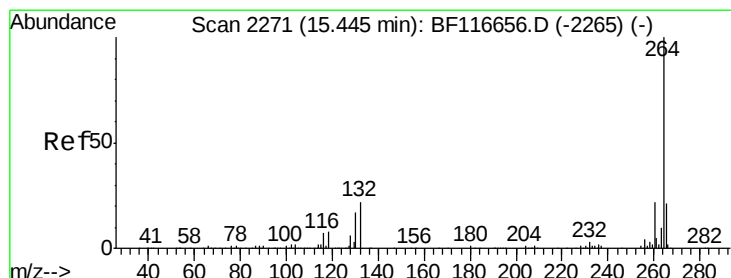
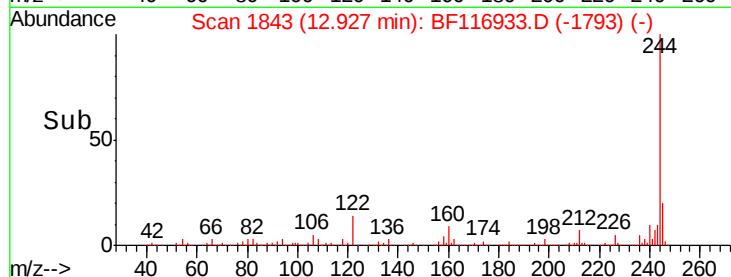
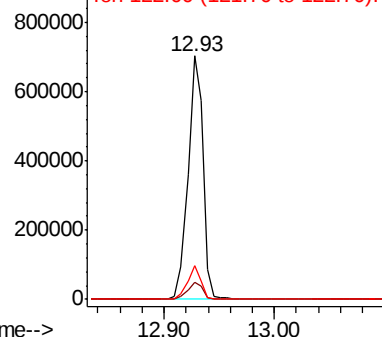
122 13.7 10.2 15.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF116933.D

Acq: 10 Sep 2019 20:41

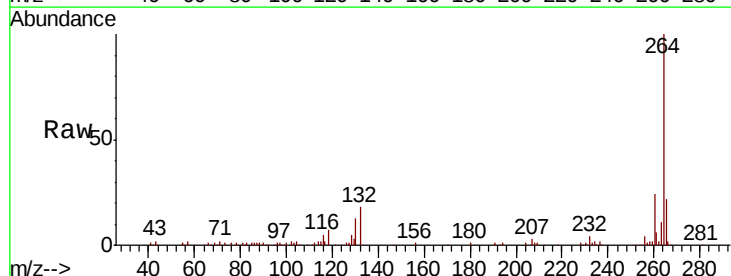
Tgt Ion:264 Resp: 160821

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

265 22.0 16.5 24.7



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

