

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112140.D
 Acq On : 18 Jan 2019 22:24
 Operator : JU/SJ
 Sample : K1173-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050

Quant Time: Jan 19 00:46:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	262333	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1006322	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	484653	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	895703	20.00	ng	0.00
76) Chrysene-d12	14.02	240	622470	20.00	ng	-0.01
87) Perylene-d12	15.49	264	633453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1601402	110.80	ng	0.01
7) Phenol-d6	6.50	99	1777338	98.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	1439892	98.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	711341	136.05	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2718854	82.25	ng	0.00
79) Terphenyl-d14	12.96	244	2732179	93.38	ng	0.00

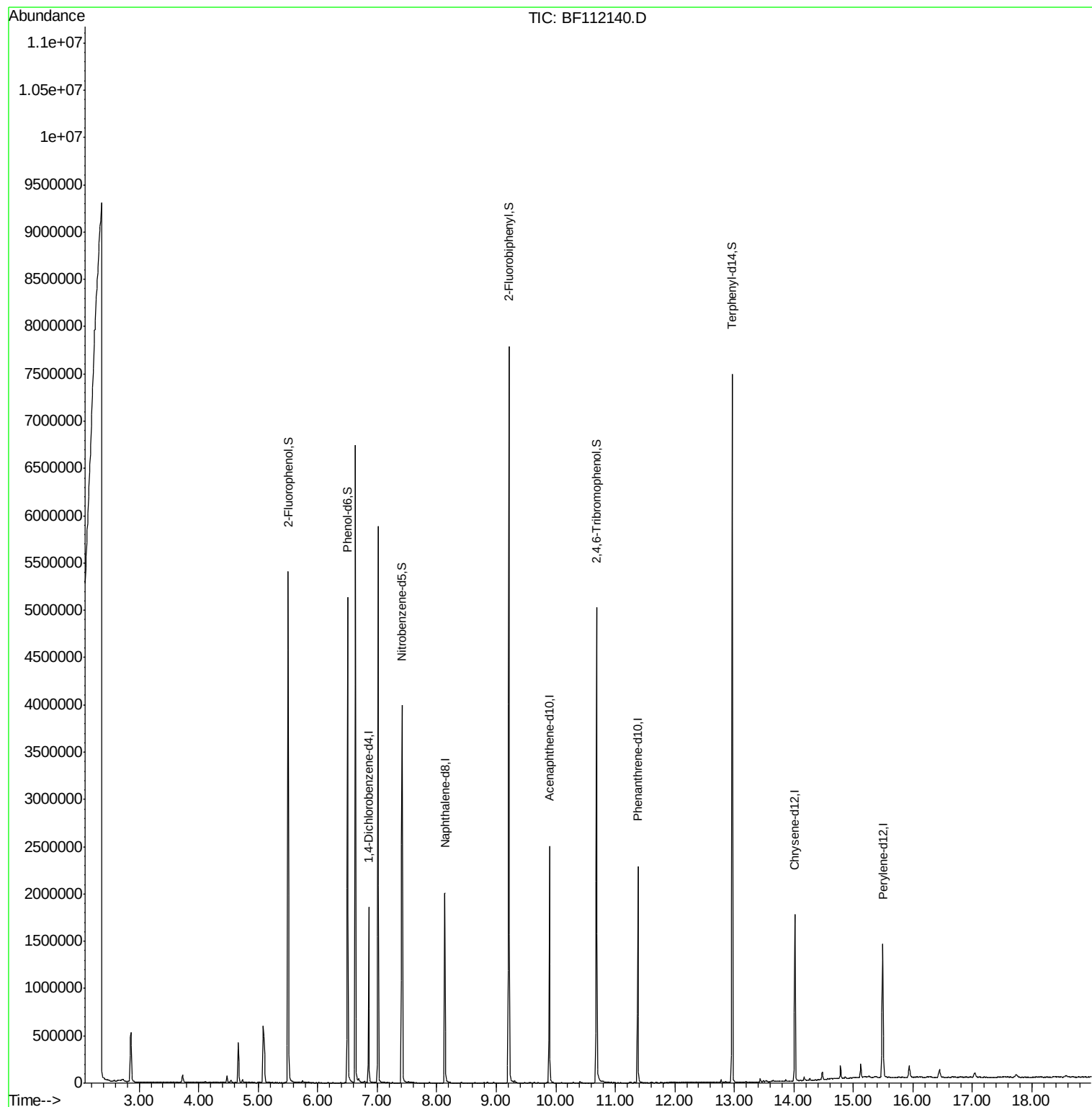
Target Compounds Qvalue

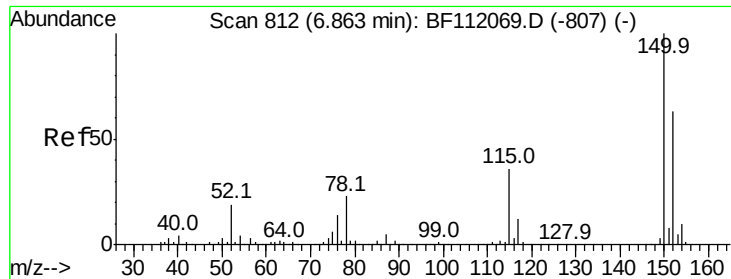
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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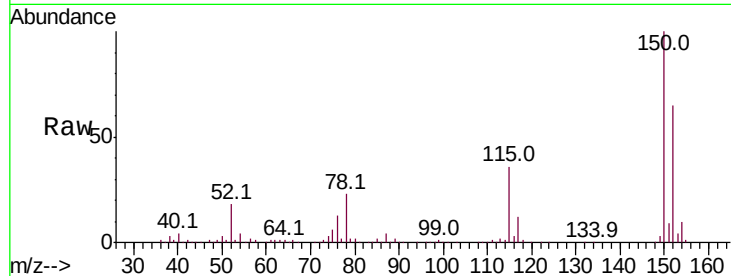


#1

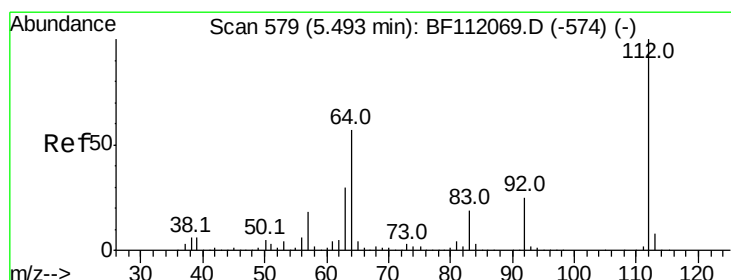
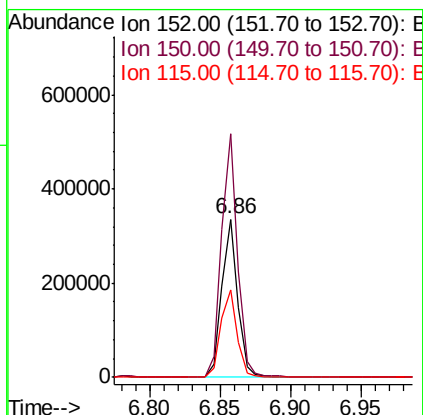
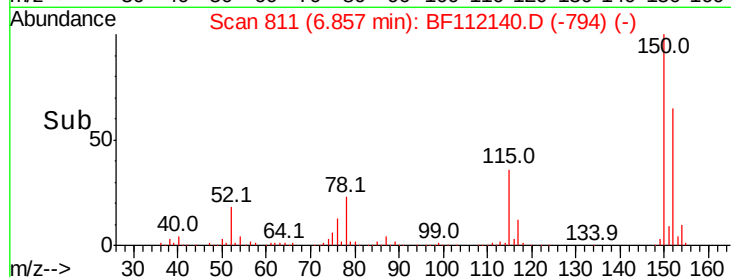
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF112140.D
 Acq: 18 Jan 2019 22:24

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050

Tot Ion:152 Resp: 262333
 Ion Ratio Lower Upper
 152 100
 150 154.2 127.4 191.0
 115 55.5 45.5 68.3



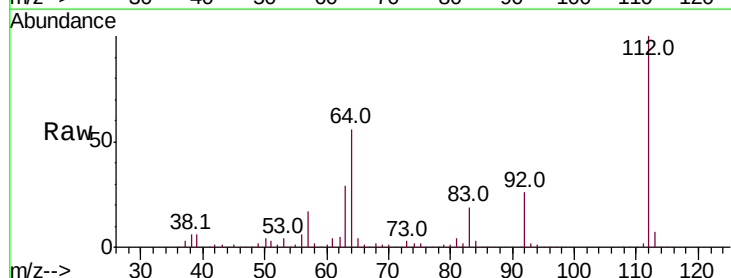
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



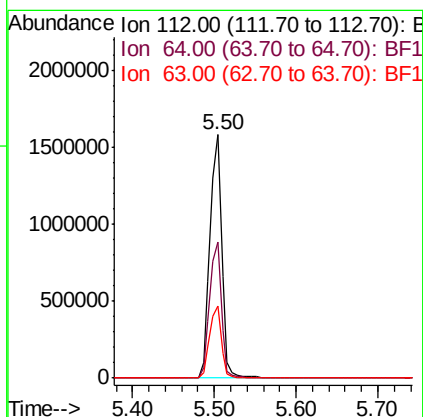
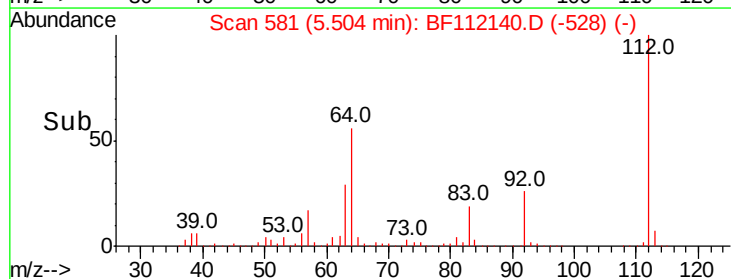
#5

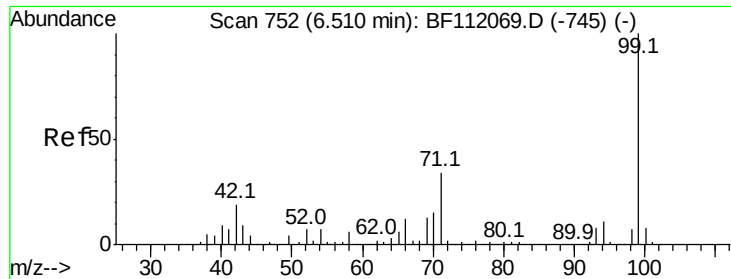
2-Fluorophenol
 Concen: 110.798 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF112140.D
 Acq: 18 Jan 2019 22:24

Tgt Ion:112 Resp: 1601402
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.7 68.5
 63 29.4 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: 98.286 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

RBR-200050

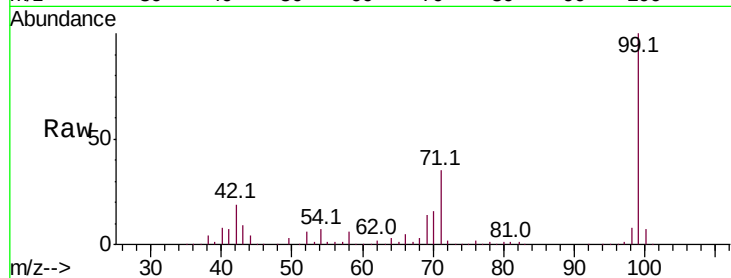
Tot Ion: 99 Resp: 1777338

Ion Ratio Lower Upper

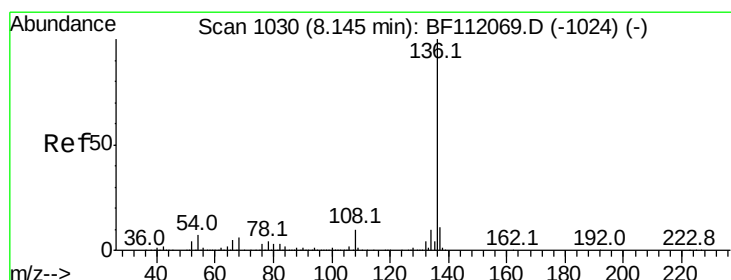
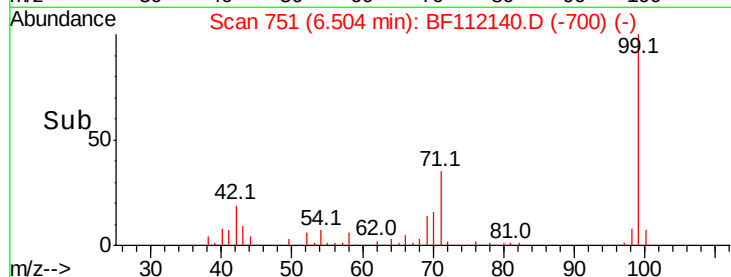
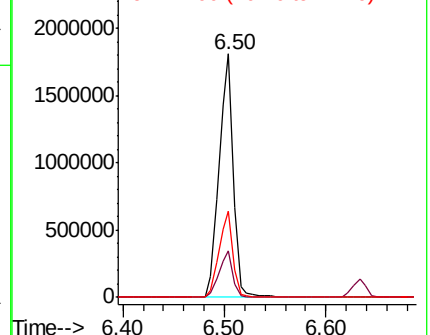
99 100

42 18.9 15.1 22.7

71 35.4 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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

Tgt Ion:136 Resp: 1006322

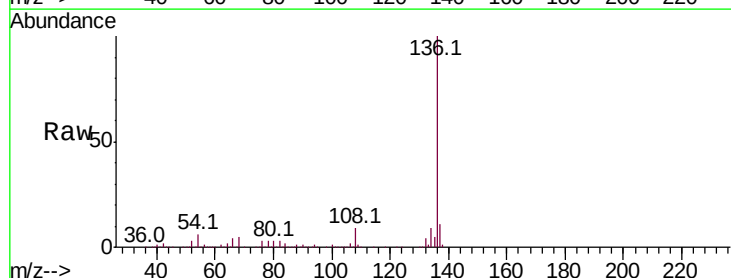
Ion Ratio Lower Upper

136 100

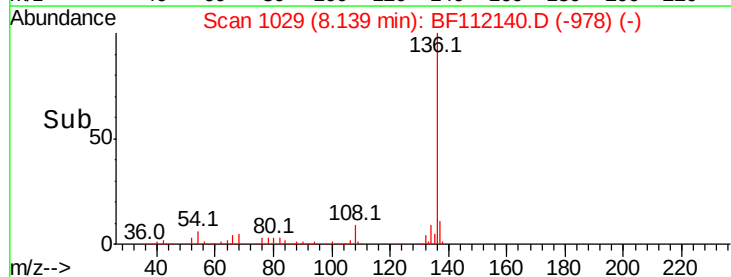
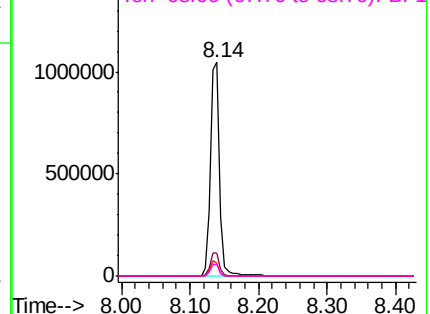
137 10.7 9.1 13.7

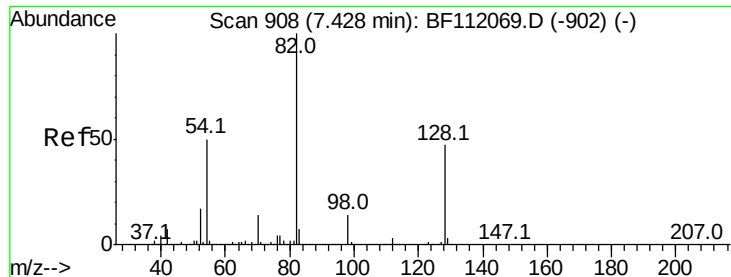
54 6.2 5.9 8.9

68 5.1 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

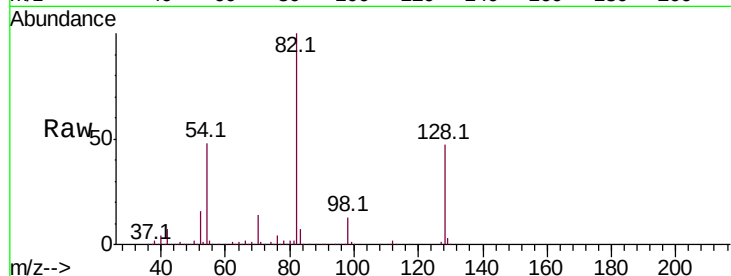




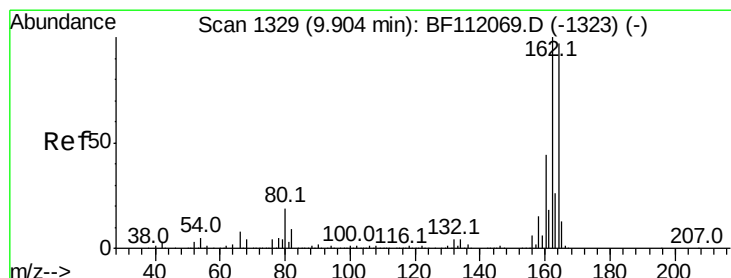
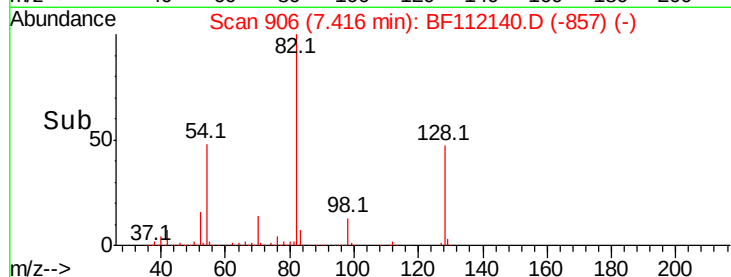
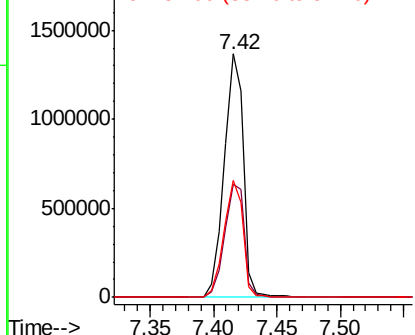
#23
Nitrobenzene-d5
Concen: 98.856 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tot Ion: 82 Resp: 1439892
Ion Ratio Lower Upper
82 100
128 46.6 37.8 56.8
54 48.2 39.7 59.5

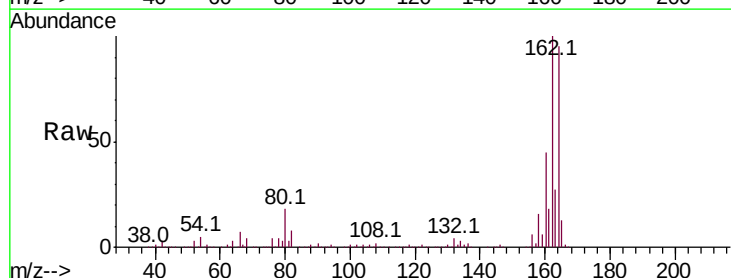


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

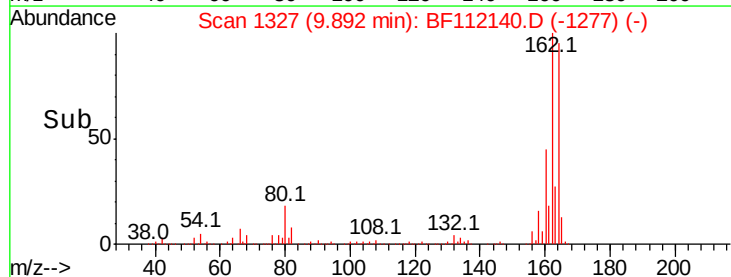
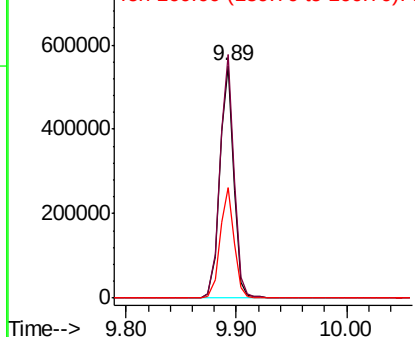


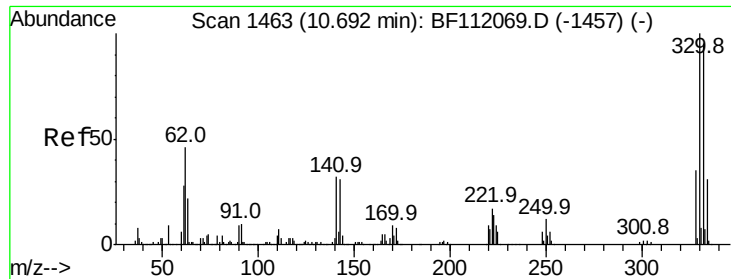
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion: 164 Resp: 484653
Ion Ratio Lower Upper
164 100
162 104.8 82.2 123.4
160 47.5 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: 136.055 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

RBR-200050

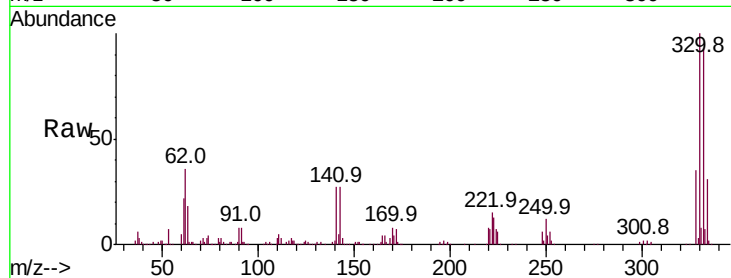
Tot Ion:330 Resp: 711341

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

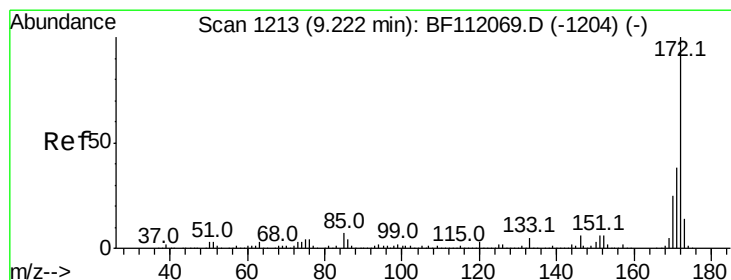
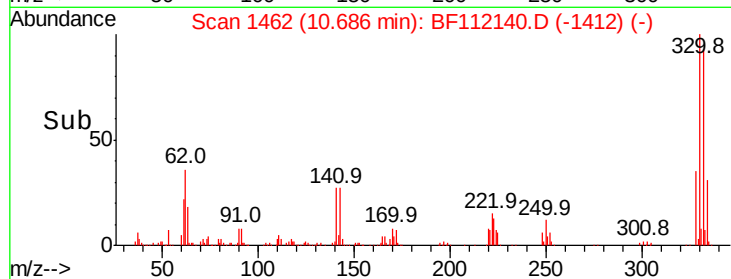
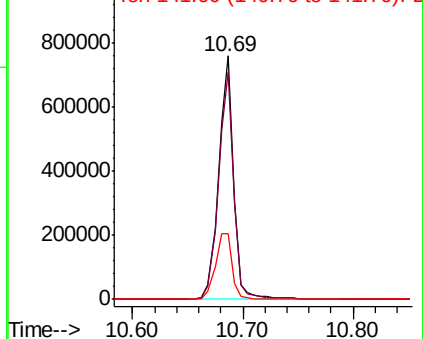
141 31.0 24.3 36.5



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: 82.247 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

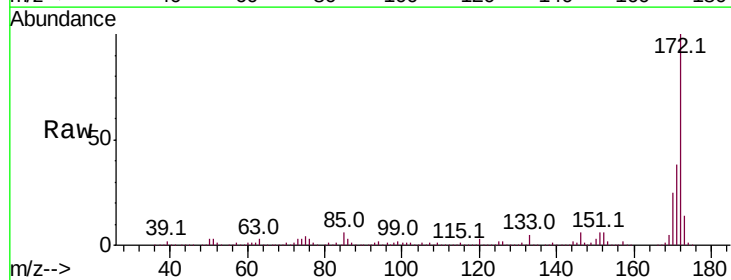
Tgt Ion:172 Resp: 2718854

Ion Ratio Lower Upper

172 100

171 38.2 30.5 45.7

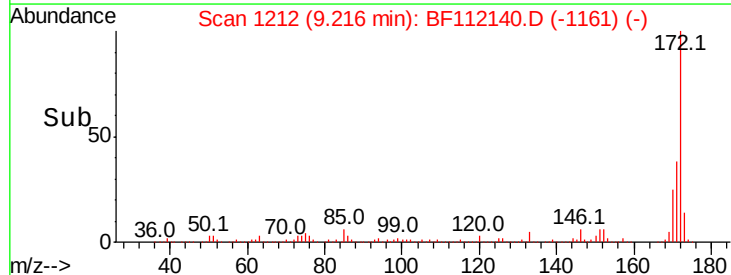
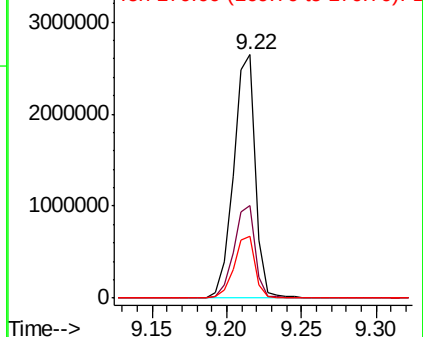
170 25.4 20.2 30.4

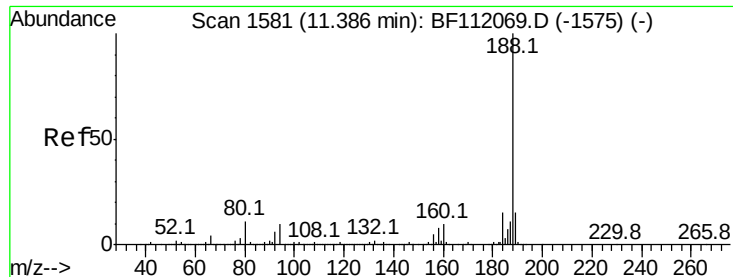


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

RBR-200050

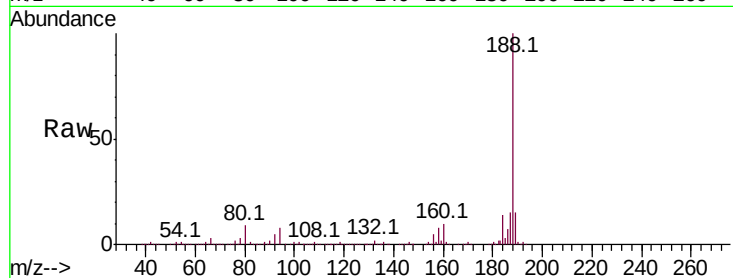
Tot Ion:188 Resp: 895703

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

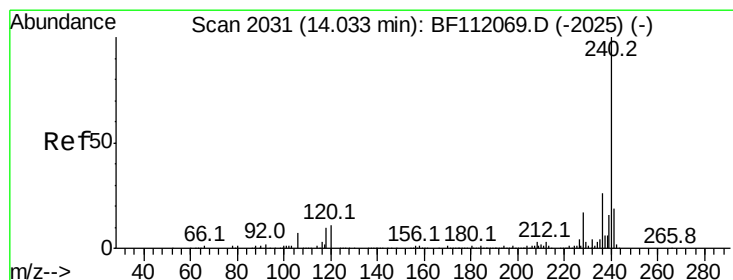
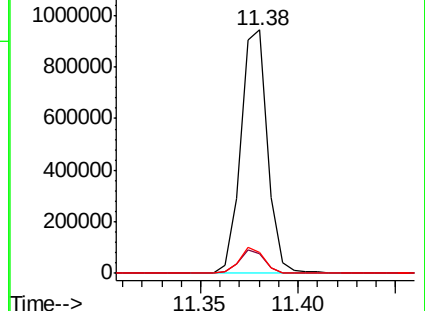
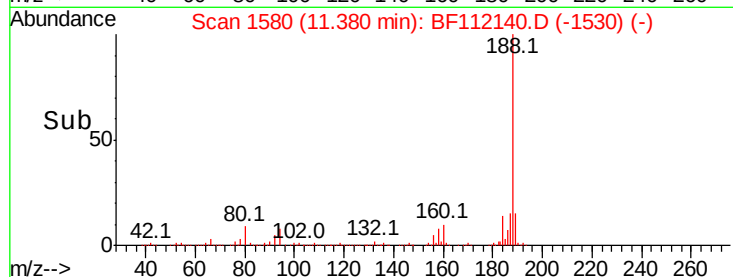
80 8.6 8.9 13.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

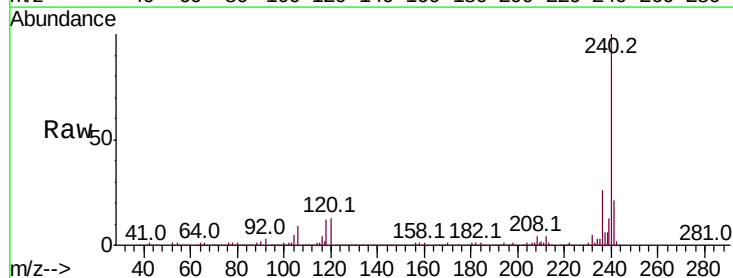
Tgt Ion:240 Resp: 622470

Ion Ratio Lower Upper

240 100

120 12.7 9.0 13.6

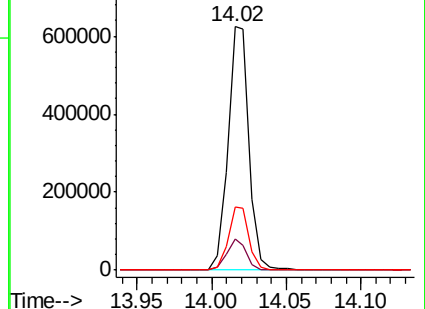
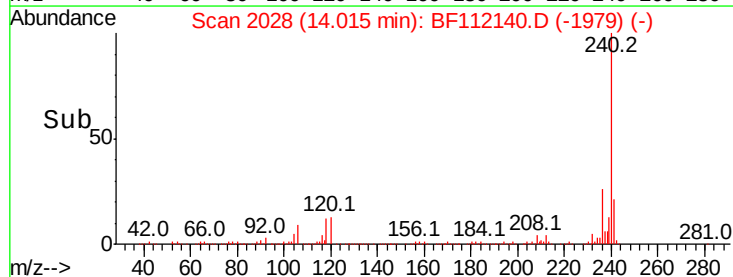
236 26.1 20.7 31.1

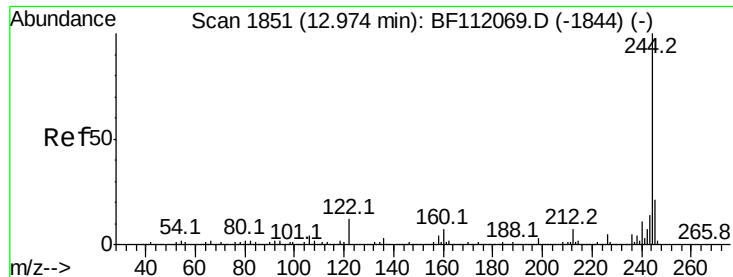


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.376 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

RBR-200050

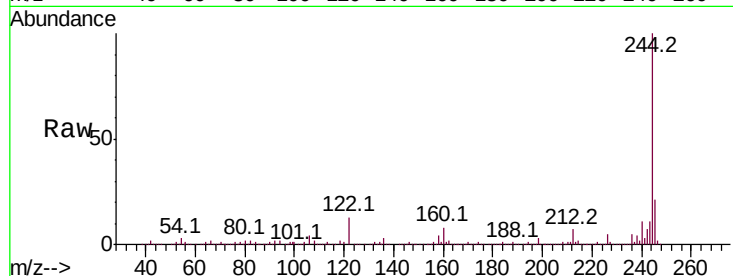
Tot Ion:244 Resp: 2732179

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

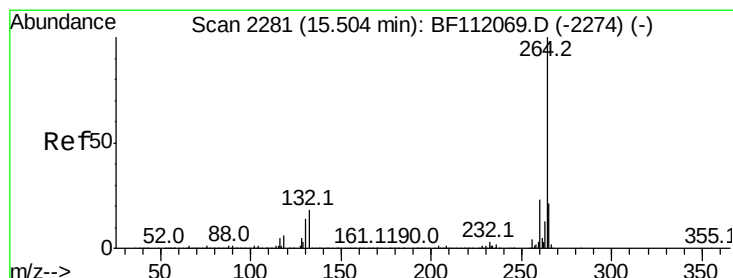
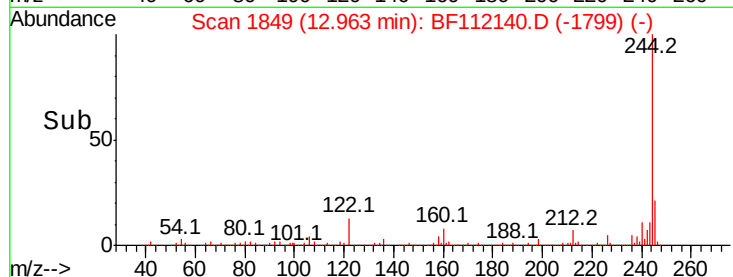
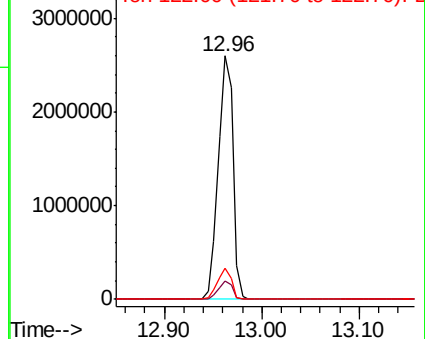
122 13.0 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112140.D

Acq: 18 Jan 2019 22:24

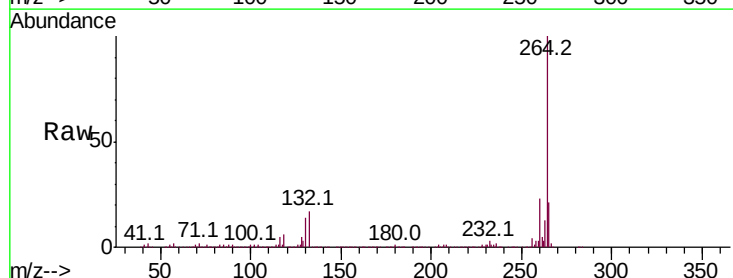
Tgt Ion:264 Resp: 633453

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 21.3 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

