

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116144.D
 Acq On : 10 Aug 2019 12:15
 Operator : HP/JU
 Sample : K4294-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Quant Time: Aug 12 01:37:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

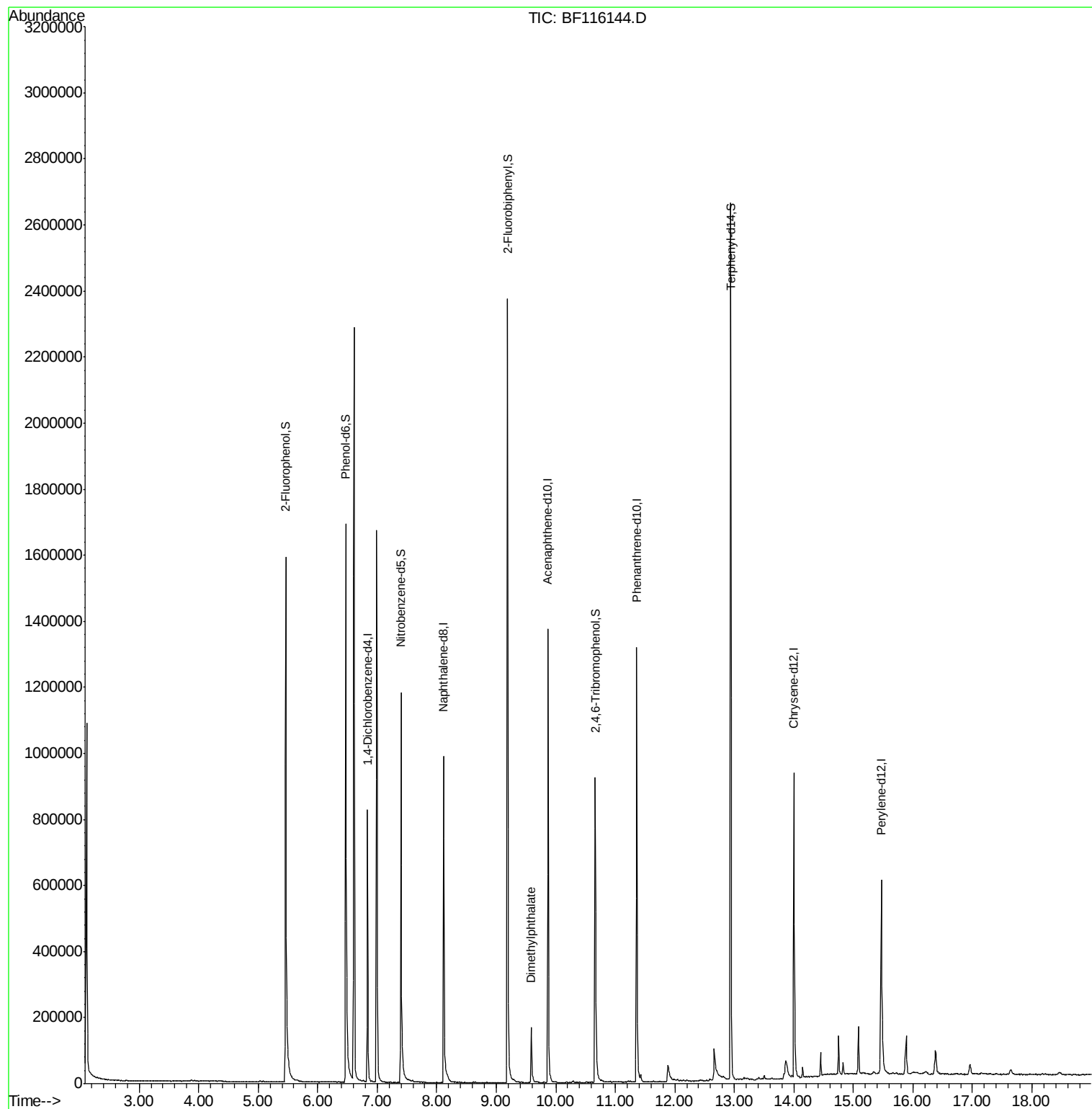
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	132271	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	539188	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	301314	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	565033	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	378100	20.00	ng	0.00
87) Perylene-d12	15.47	264	313920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	552285	69.90	ng	0.00
7) Phenol-d6	6.47	99	724200	72.65	ng	-0.01
23) Nitrobenzene-d5	7.40	82	458838	49.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	142865	48.90	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	838273	52.11	ng	-0.01
79) Terphenyl-d14	12.94	244	918863	51.21	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	96863	4.721	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

RBR-200052

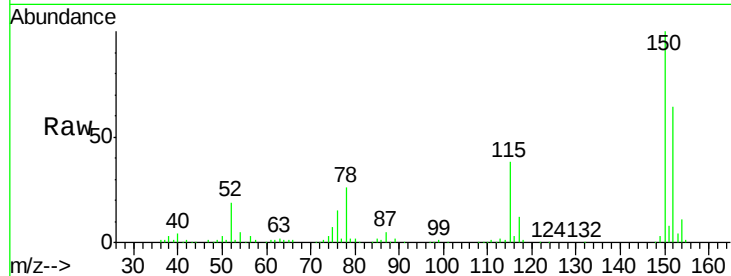
Tot Ion:152 Resp: 132271

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

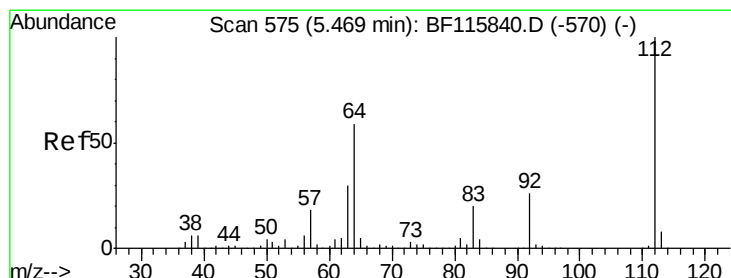
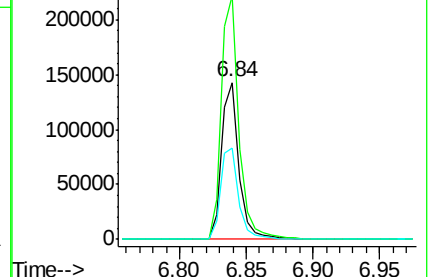
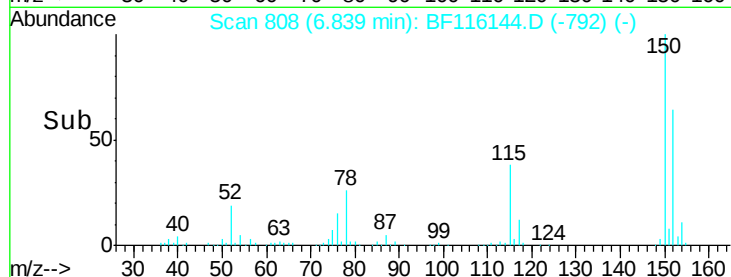
115 58.6 49.9 74.9



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: 69.899 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

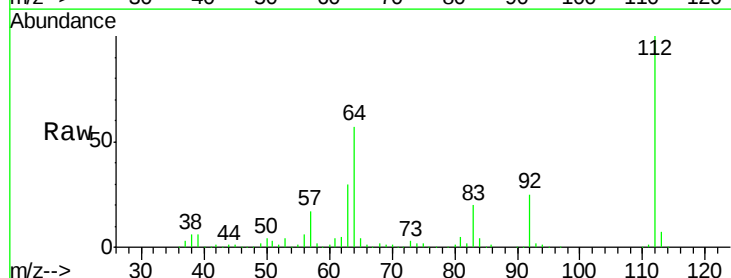
Tgt Ion:112 Resp: 552285

Ion Ratio Lower Upper

112 100

64 57.1 45.4 68.2

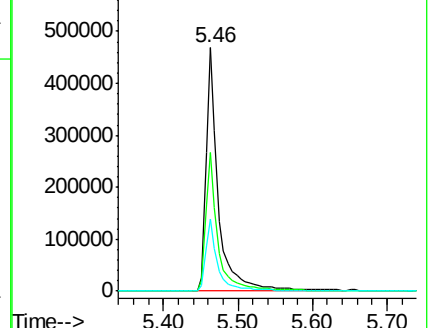
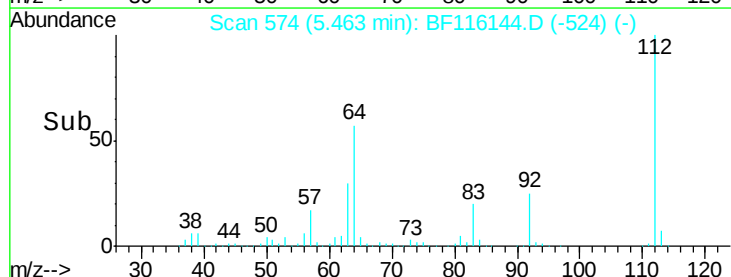
63 29.7 23.7 35.5

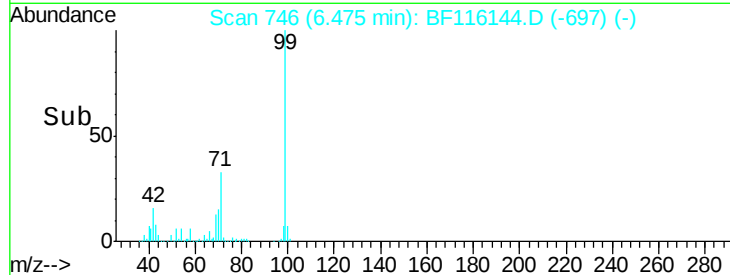
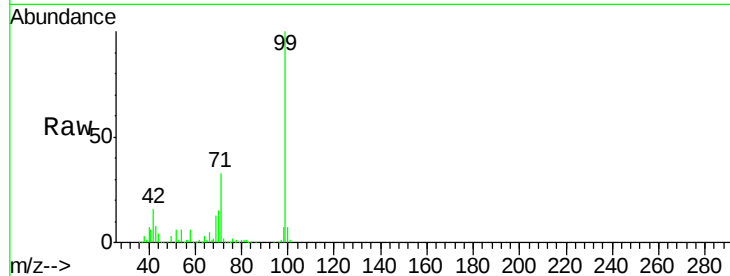


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 72.647 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

RBR-200052

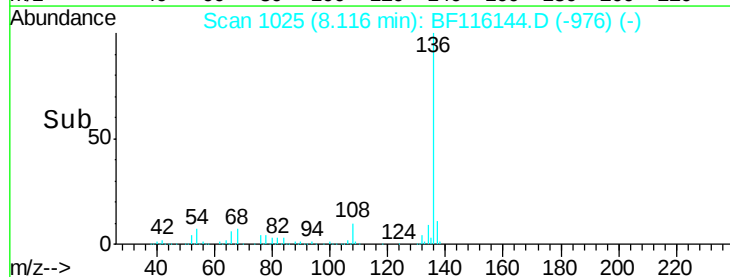
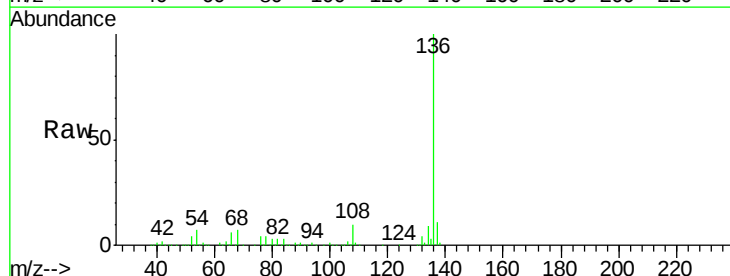
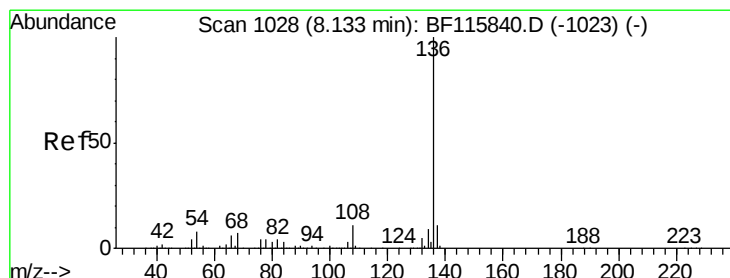
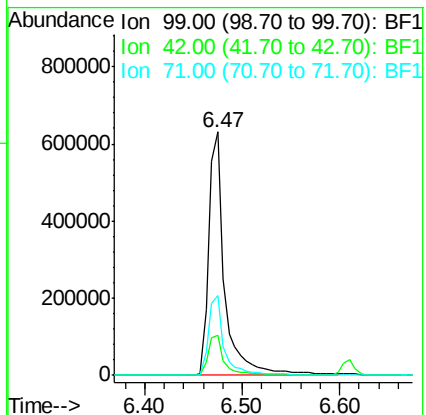
Tot Ion: 99 Resp: 724200

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.8

71 32.8 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Tgt Ion: 136 Resp: 539188

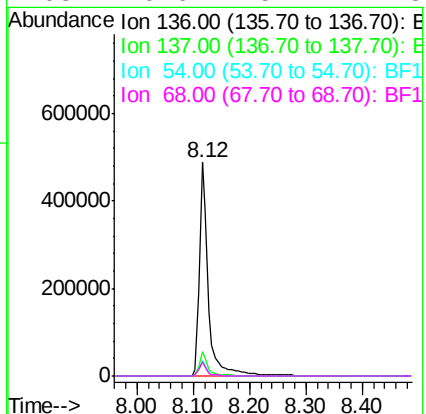
Ion Ratio Lower Upper

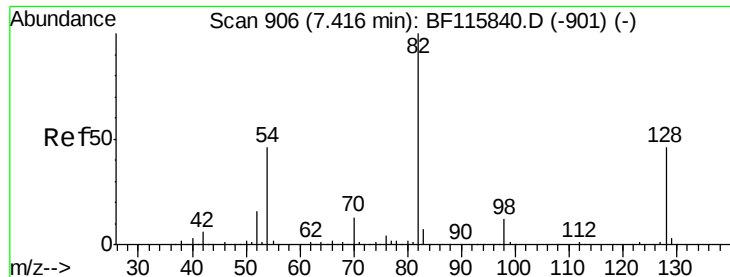
136 100

137 11.4 9.0 13.4

54 7.2 5.8 8.6

68 6.6 5.2 7.8

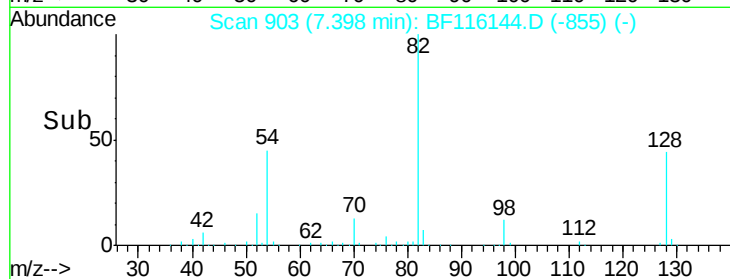
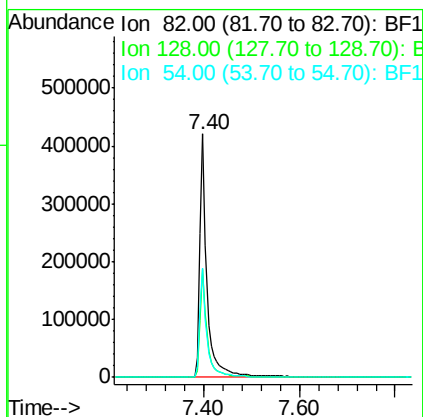
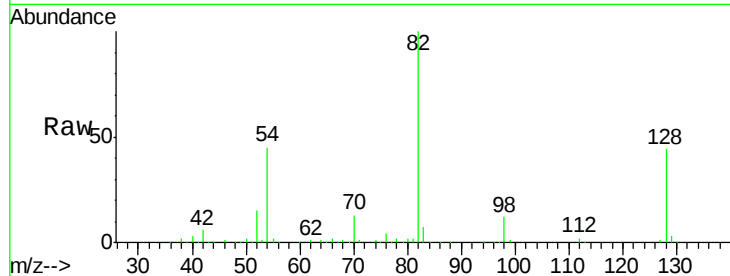




#23
 Nitrobenzene-d5
 Concen: 49.121 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116144.D
 Acq: 10 Aug 2019 12:15

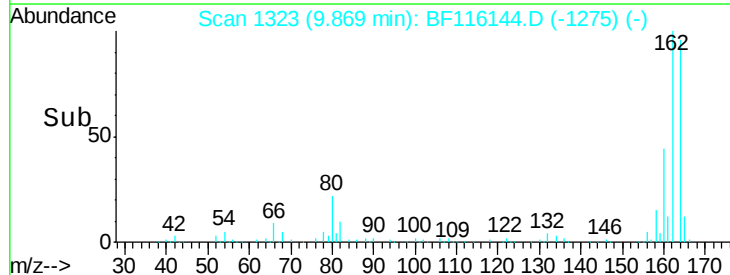
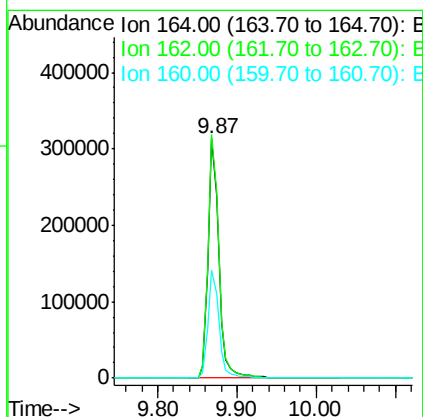
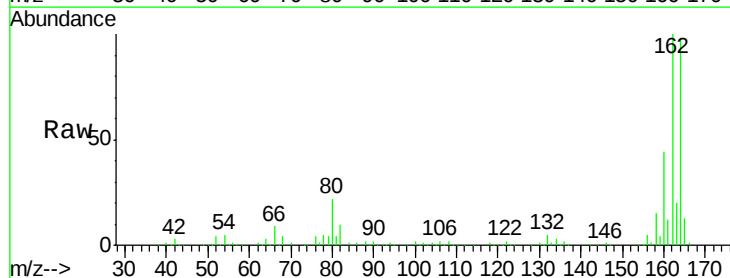
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Tot Ion: 82 Resp: 458838
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.5 54.7
 54 44.7 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116144.D
 Acq: 10 Aug 2019 12:15

Tgt Ion: 164 Resp: 301314
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 124.0
 160 44.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 48.904 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

RBR-200052

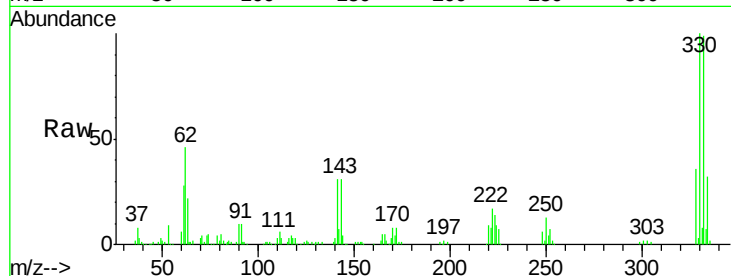
Tot Ion:330 Resp: 142865

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

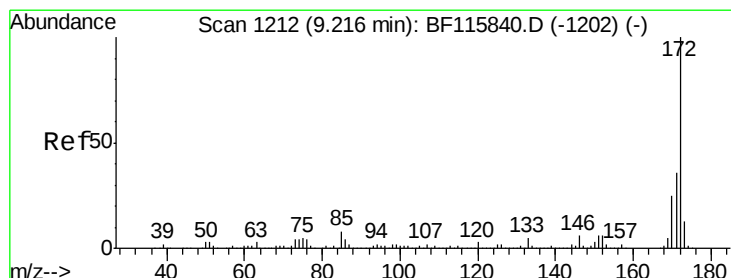
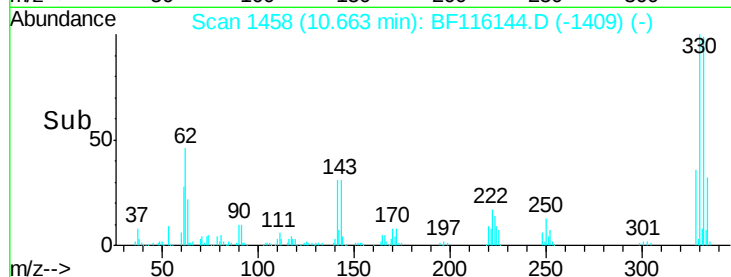
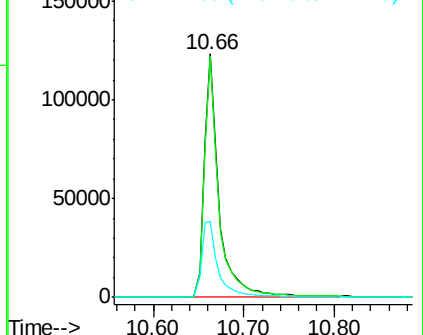
141 35.2 26.3 39.5



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: 52.110 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

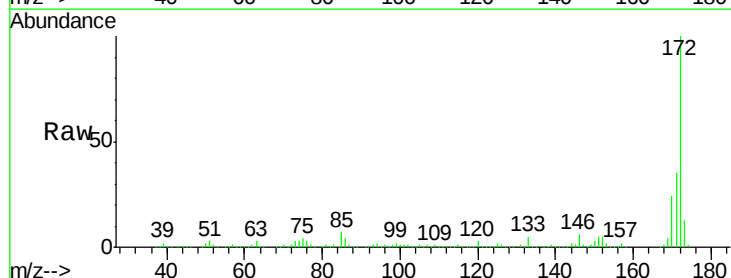
Tgt Ion:172 Resp: 838273

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

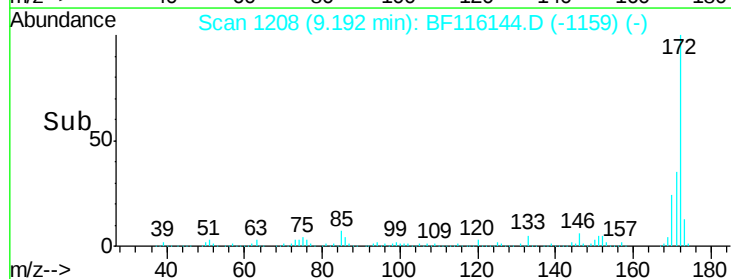
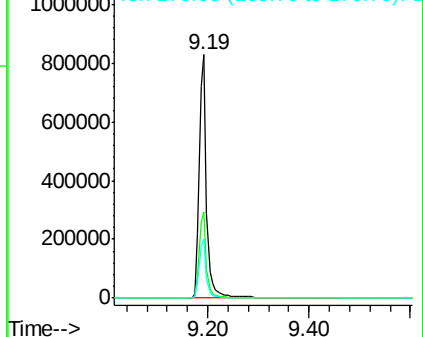
170 24.1 20.1 30.1

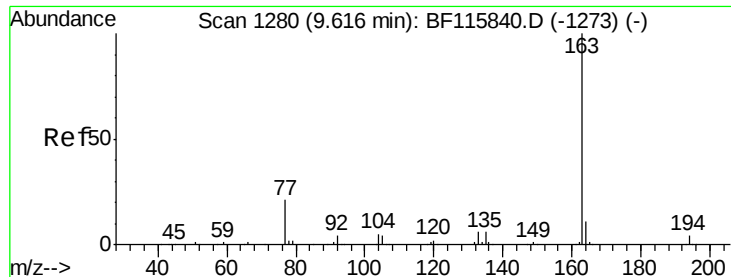


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

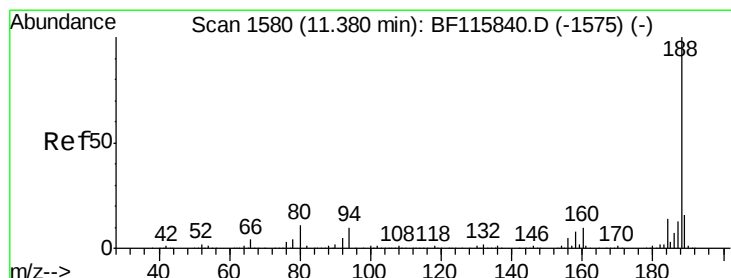
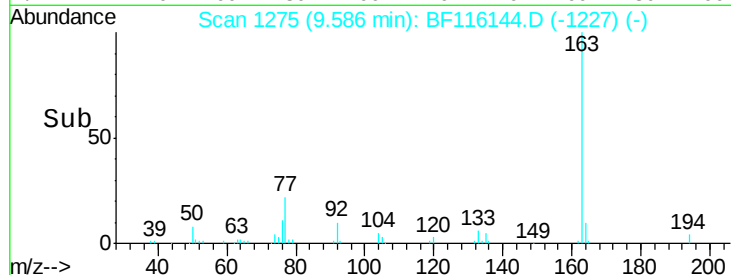
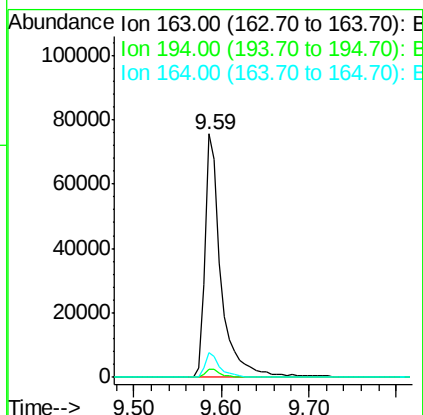
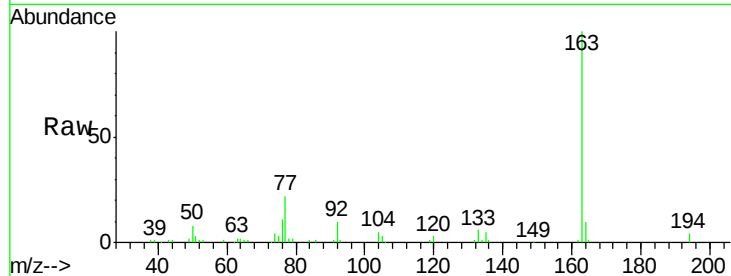




#50
Dimethylphthalate
Concen: 4.721 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116144.D
Acq: 10 Aug 2019 12:15

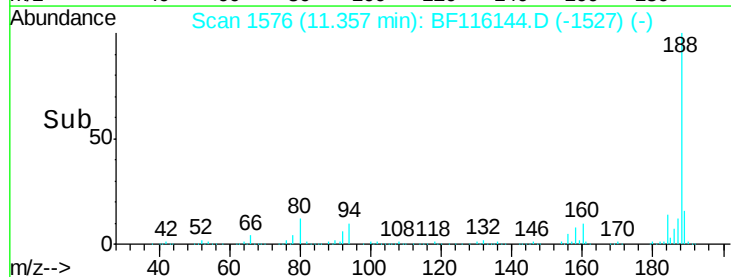
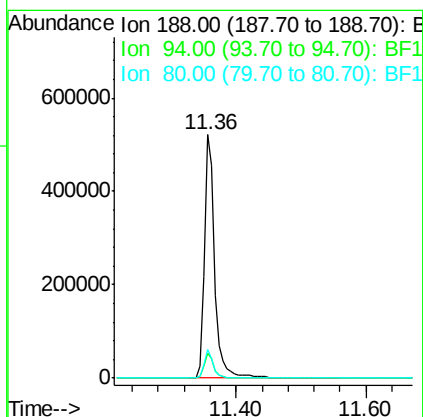
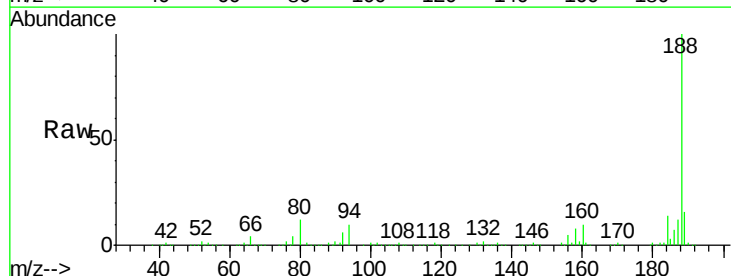
Instrument :
BNA_F
ClientSampleId :
RBR-200052

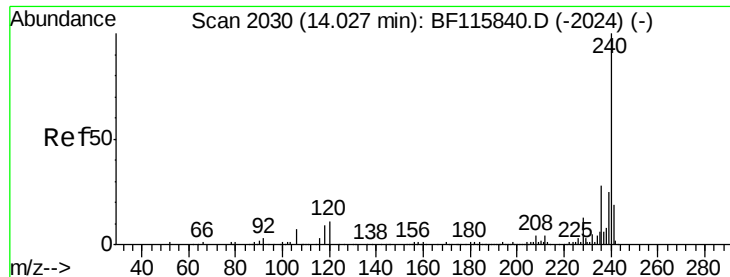
Tot Ion:163 Resp: 96863
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 8.4 12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116144.D
Acq: 10 Aug 2019 12:15

Tgt Ion:188 Resp: 565033
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.7 8.7 13.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

Instrument :

BNA_F

ClientSampleId :

RBR-200052

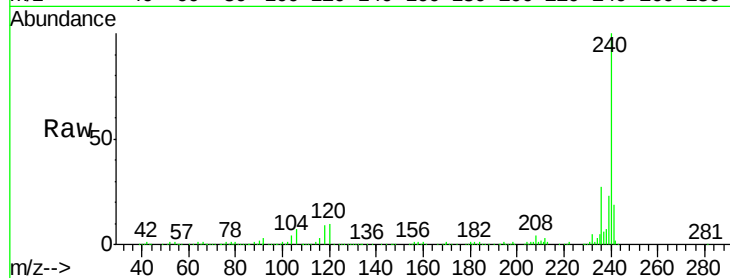
Tot Ion:240 Resp: 378100

Ion Ratio Lower Upper

240 100

120 10.5 10.7 16.1#

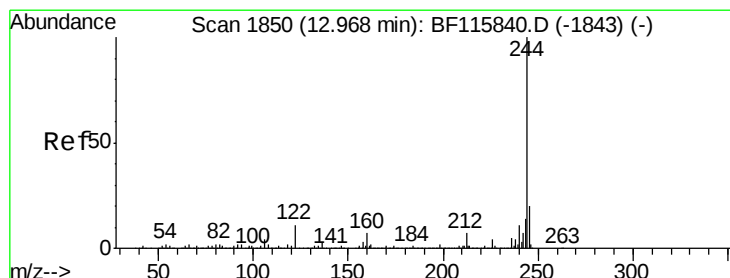
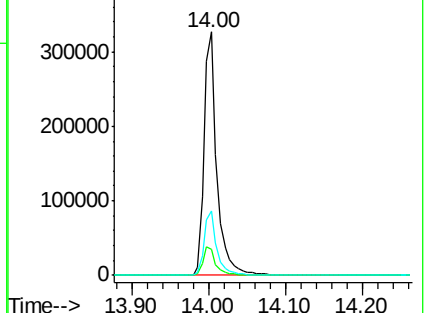
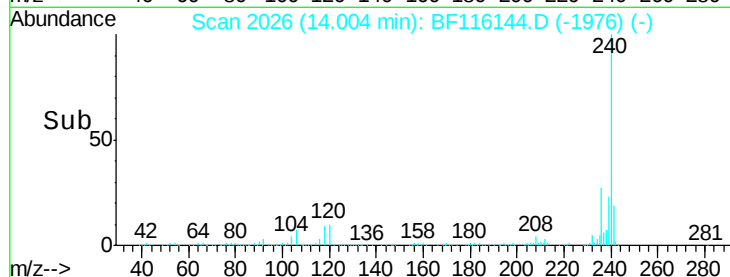
236 26.6 22.2 33.2



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: 51.209 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116144.D

Acq: 10 Aug 2019 12:15

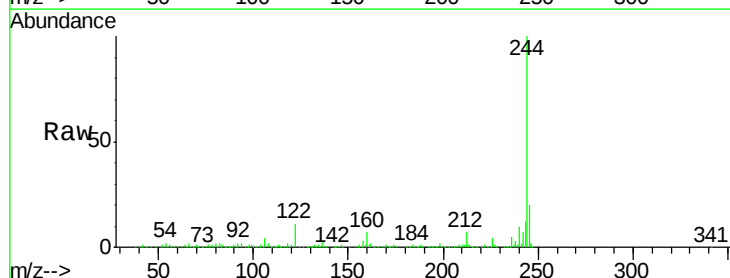
Tgt Ion:244 Resp: 918863

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

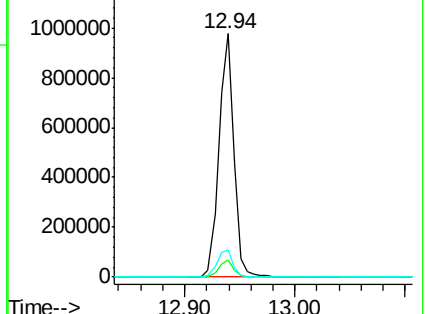
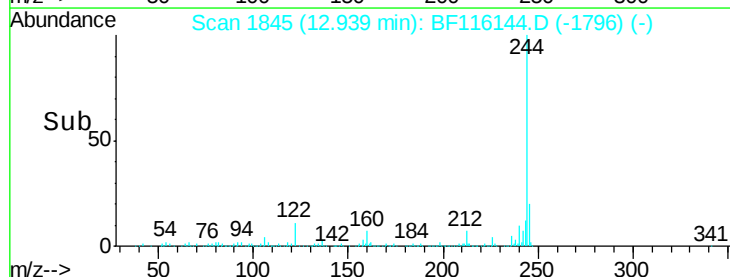
122 11.4 9.0 13.4

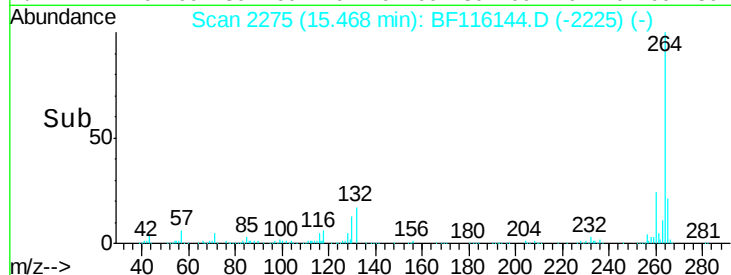
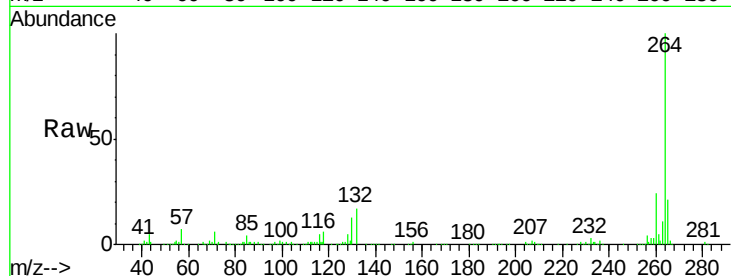
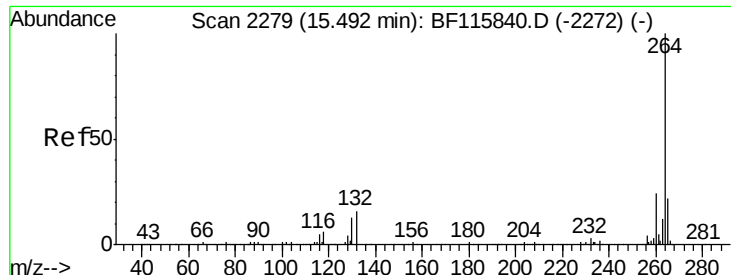


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116144.D
 Acq: 10 Aug 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Tot Ion:264	Resp:	313920
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.7 29.5
265	21.3	17.4 26.0

