

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
 Data File : BF116048.D
 Acq On : 7 Aug 2019 14:34
 Operator : HP/JU
 Sample : K4164-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200051

Quant Time: Aug 08 07:55:02 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

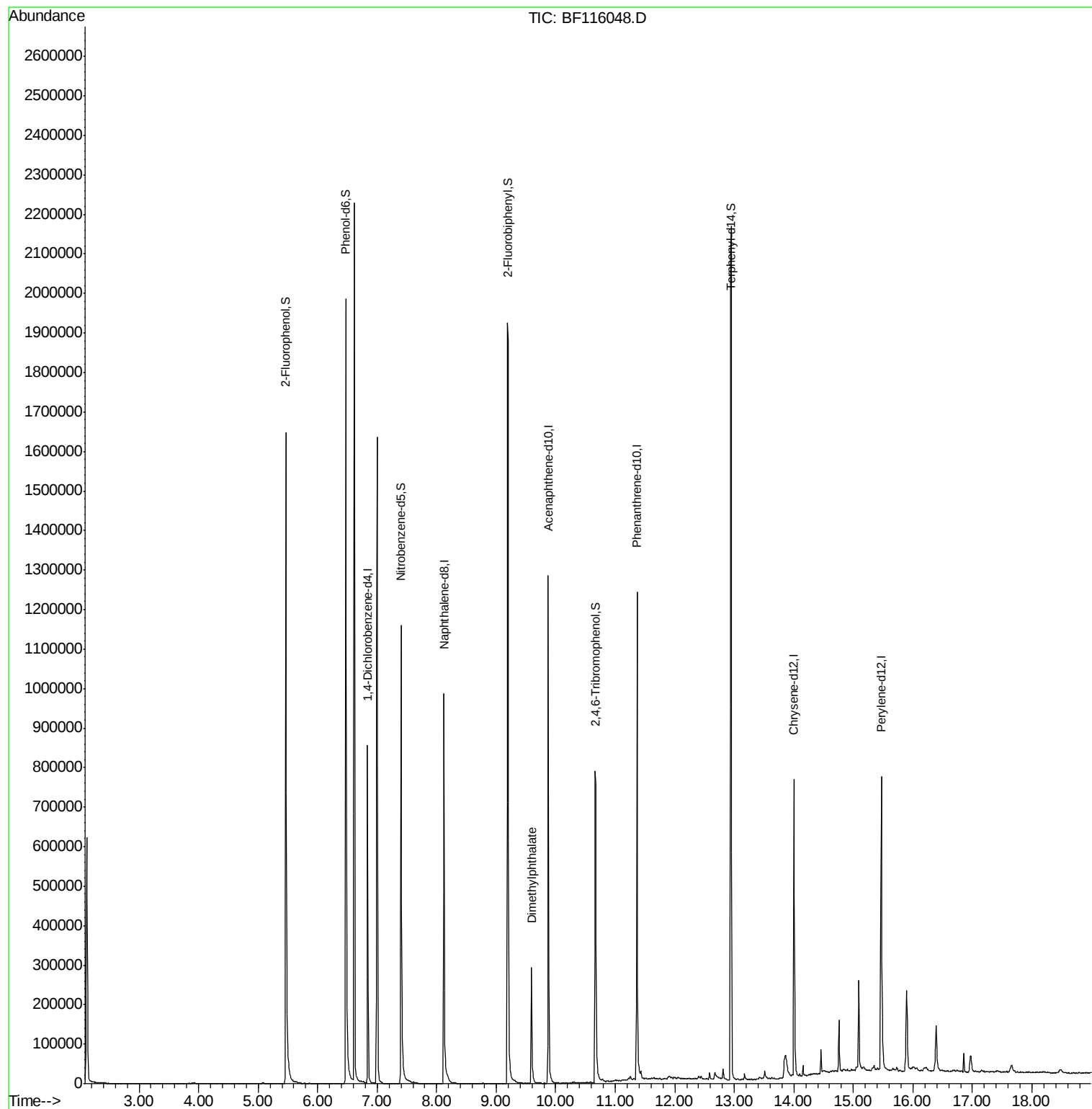
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	129329	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	521017	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	272970	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	491690	20.00	ng	0.00
76) Chrysene-d12	14.00	240	275339	20.00	ng	0.00
87) Perylene-d12	15.47	264	305720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	567371	73.44	ng	0.00
7) Phenol-d6	6.47	99	757462	77.71	ng	-0.01
23) Nitrobenzene-d5	7.40	82	471014	52.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	127720	48.26	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	729467	50.05	ng	0.00
79) Terphenyl-d14	12.95	244	790822	60.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	159368	8.575	ng	Qvalue 99

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

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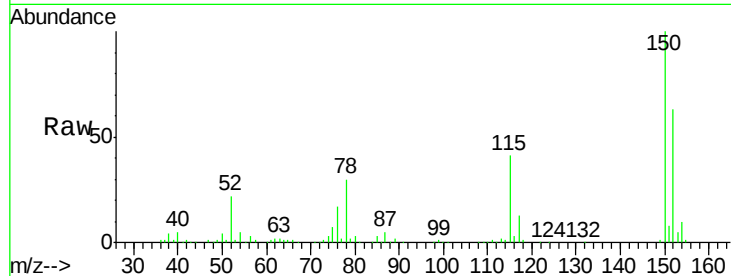


#1

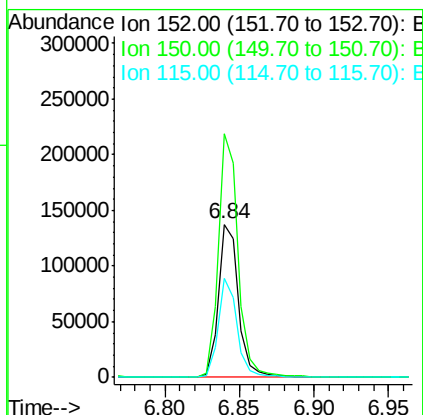
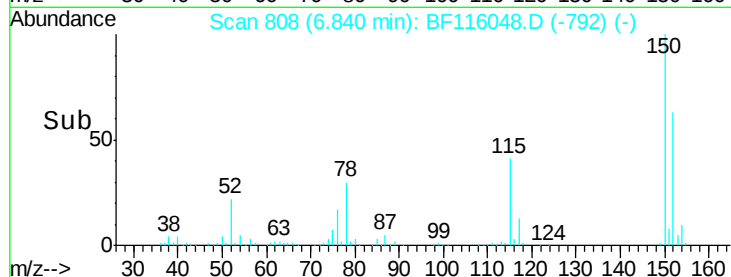
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116048.D
Acq: 7 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
RBR-200051

Tot Ion:152 Resp: 129329
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 65.0 49.9 74.9



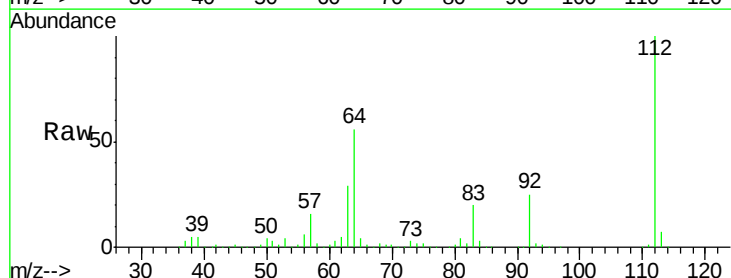
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



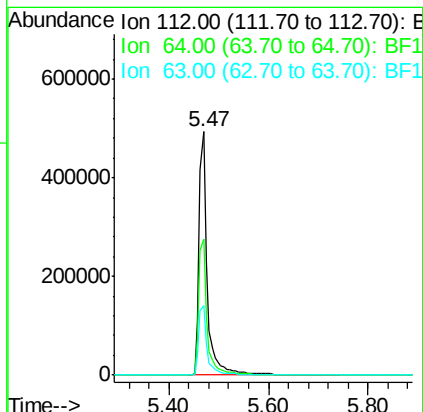
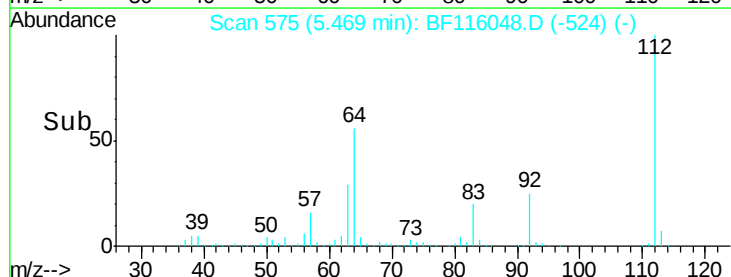
#5

2-Fluorophenol
Concen: 73.442 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116048.D
Acq: 7 Aug 2019 14:34

Tgt Ion:112 Resp: 567371
Ion Ratio Lower Upper
112 100
64 55.9 45.4 68.2
63 28.7 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: 77.712 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

RBR-200051

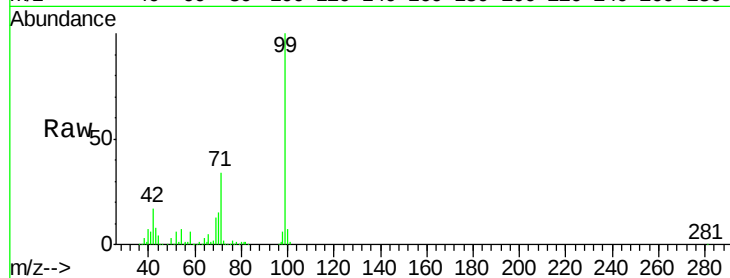
Tot Ion: 99 Resp: 757462

Ion Ratio Lower Upper

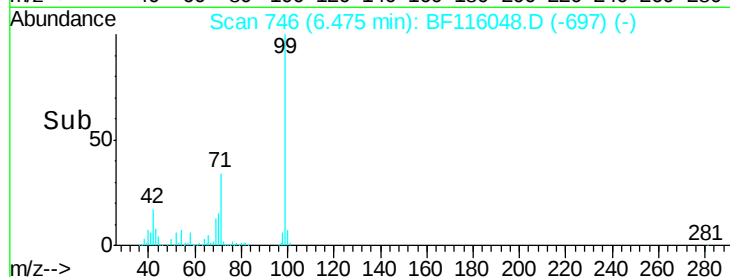
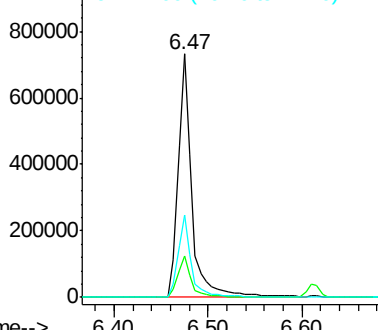
99 100

42 17.0 13.8 20.8

71 33.7 27.3 40.9



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# 1026

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

Tgt Ion: 136 Resp: 521017

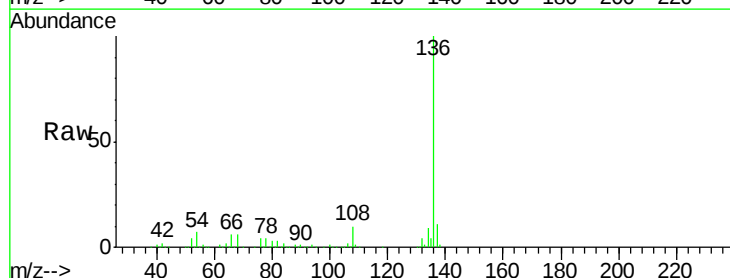
Ion Ratio Lower Upper

136 100

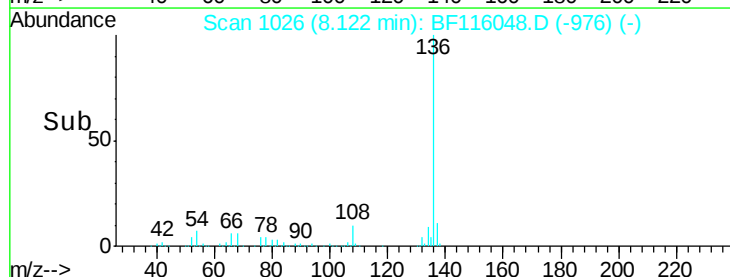
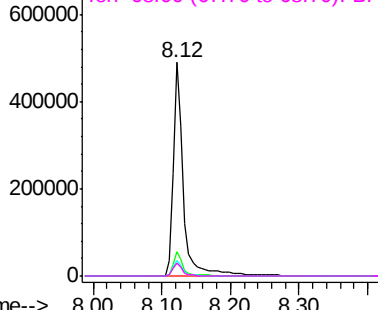
137 11.2 9.0 13.4

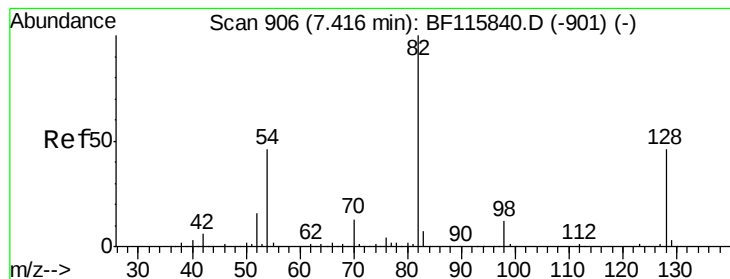
54 7.1 5.8 8.6

68 6.3 5.2 7.8



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: 52.183 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

RBR-200051

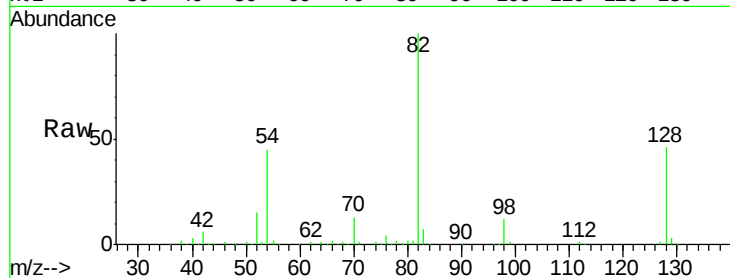
Tot Ion: 82 Resp: 471014

Ion Ratio Lower Upper

82 100

128 46.2 36.5 54.7

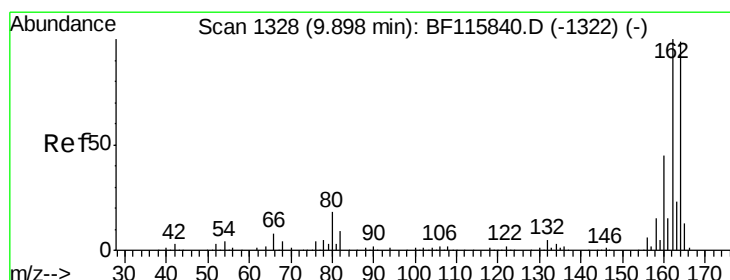
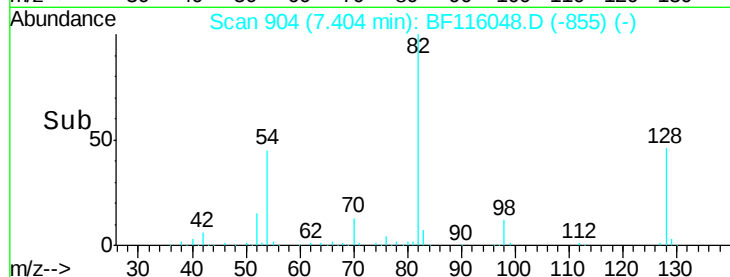
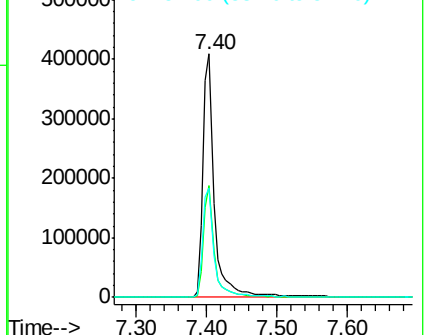
54 44.7 36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

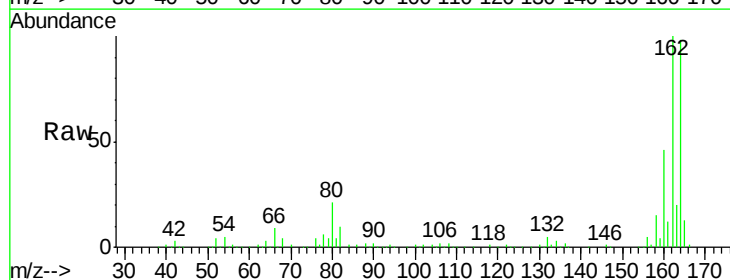
Tgt Ion:164 Resp: 272970

Ion Ratio Lower Upper

164 100

162 101.9 82.6 124.0

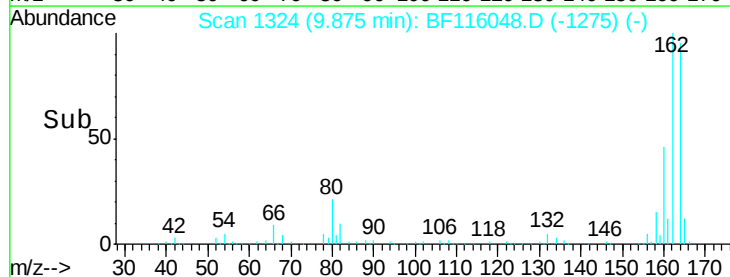
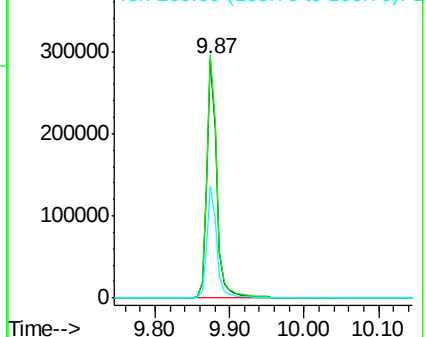
160 46.8 37.6 56.4

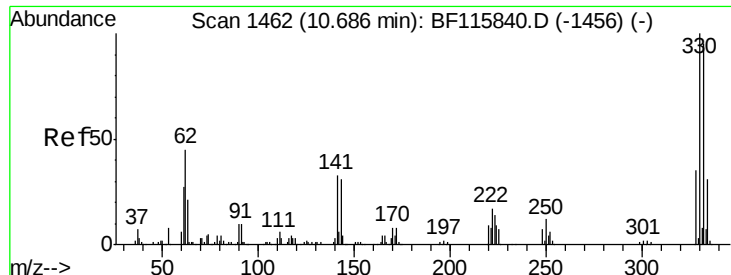


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 48.260 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

RBR-200051

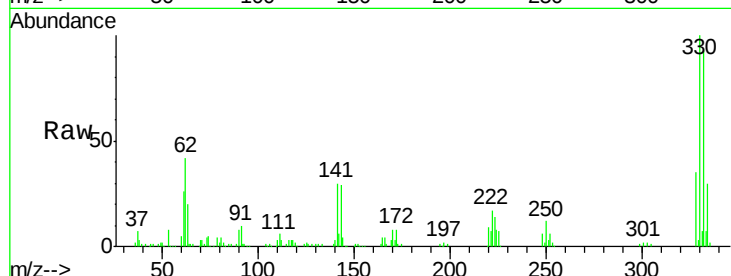
Tot Ion:330 Resp: 127720

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

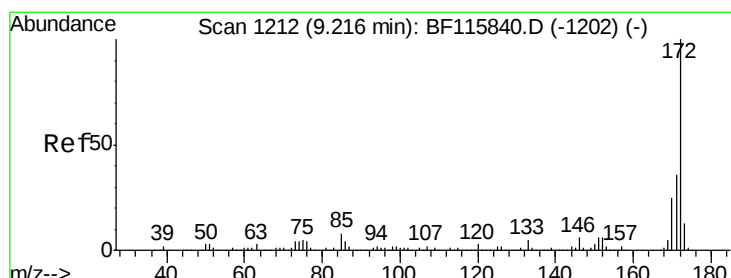
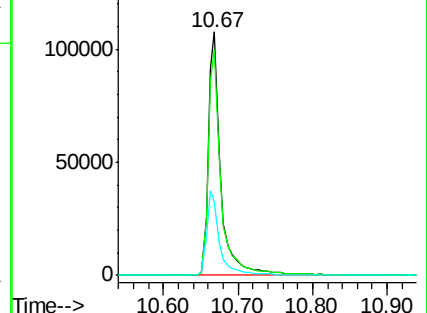
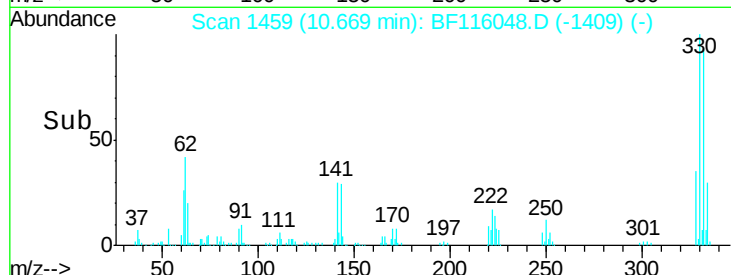
141 35.4 26.3 39.5



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: 50.055 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

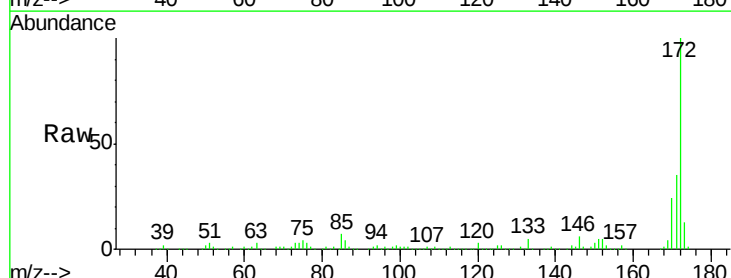
Tgt Ion:172 Resp: 729467

Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

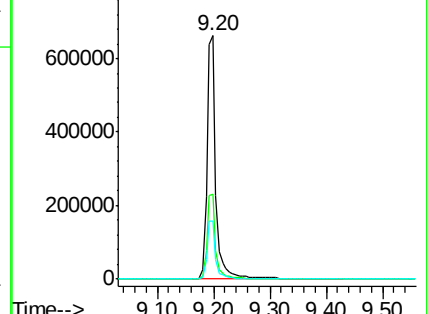
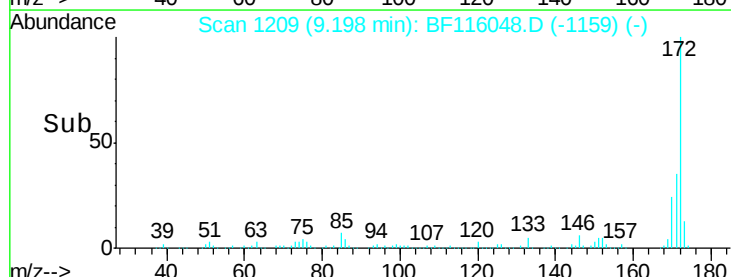
170 23.9 20.1 30.1

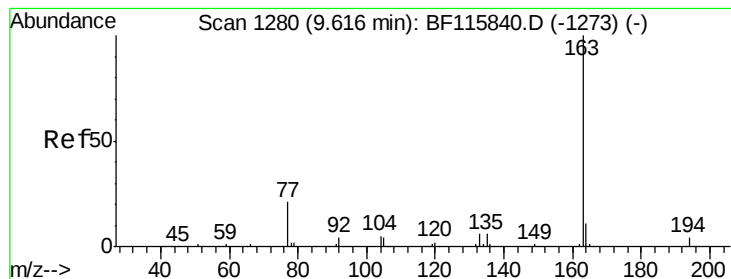


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.575 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

RBR-200051

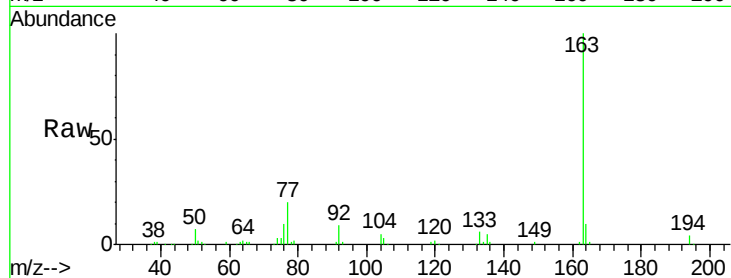
Tot Ion:163 Resp: 159368

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

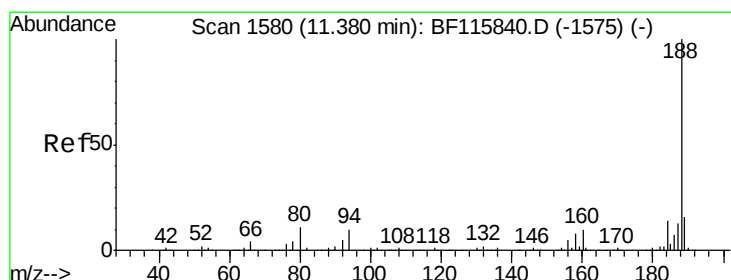
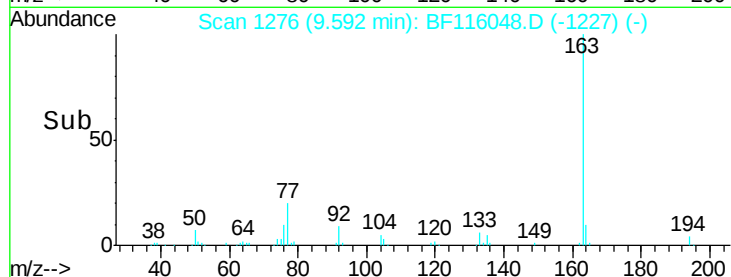
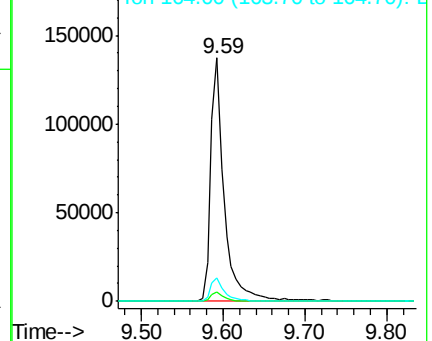
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116048.D

Acq: 7 Aug 2019 14:34

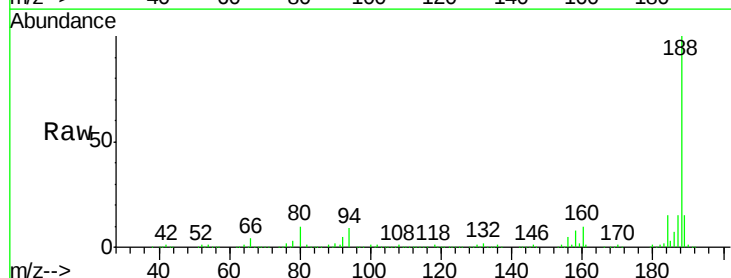
Tgt Ion:188 Resp: 491690

Ion Ratio Lower Upper

188 100

94 9.3 8.1 12.1

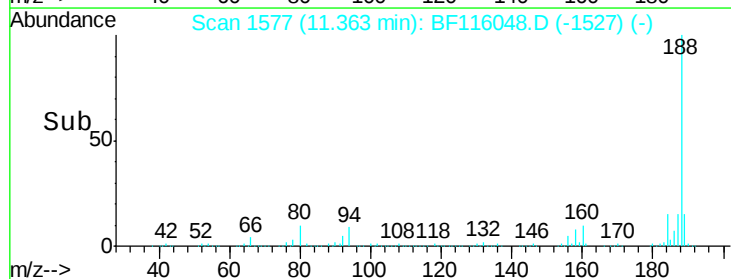
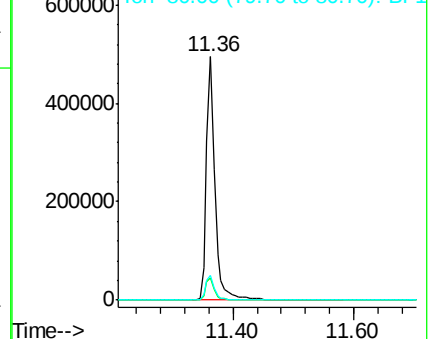
80 10.1 8.7 13.1

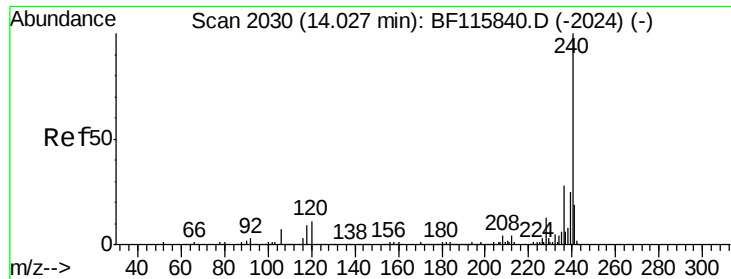


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

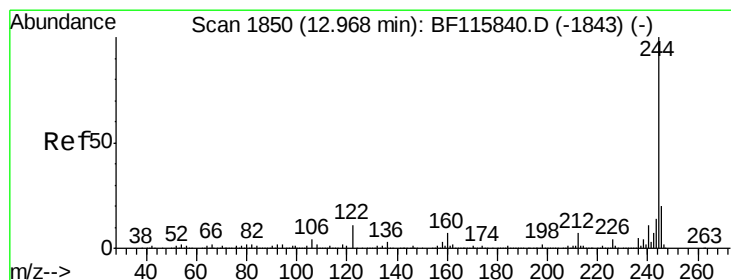
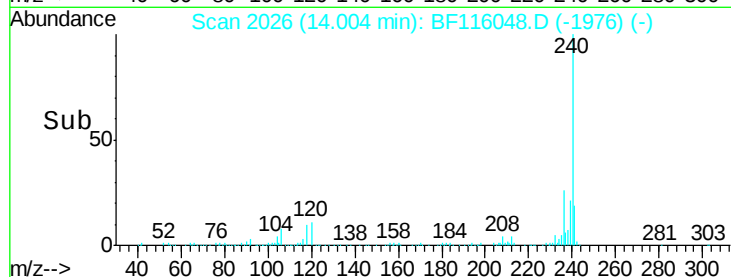
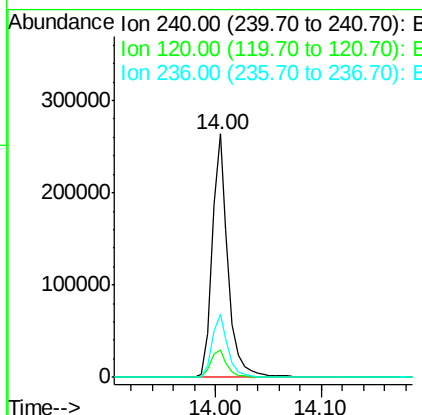
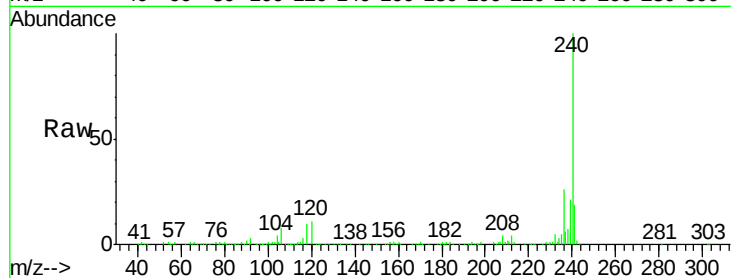




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116048.D
 Acq: 7 Aug 2019 14:34

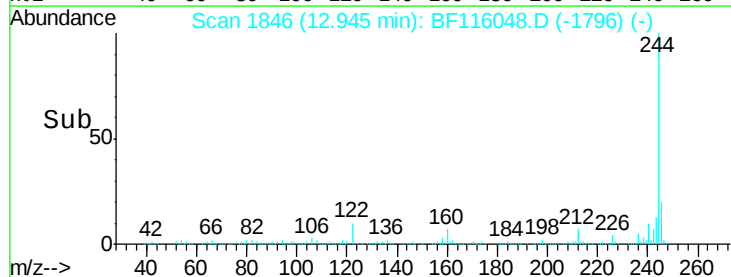
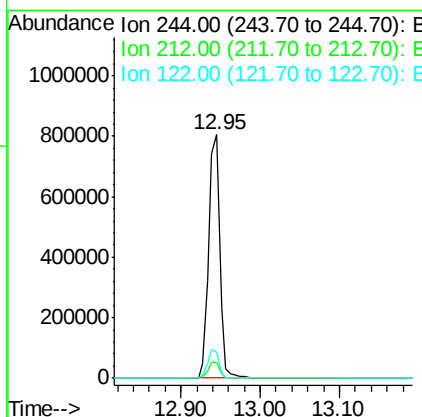
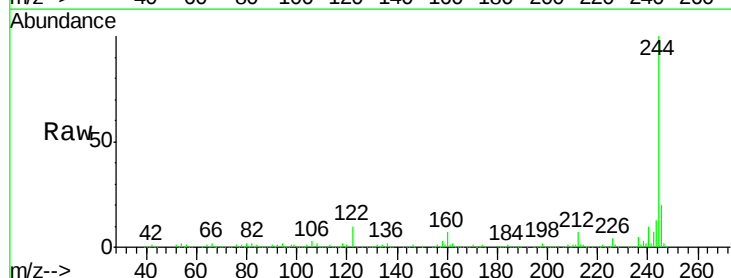
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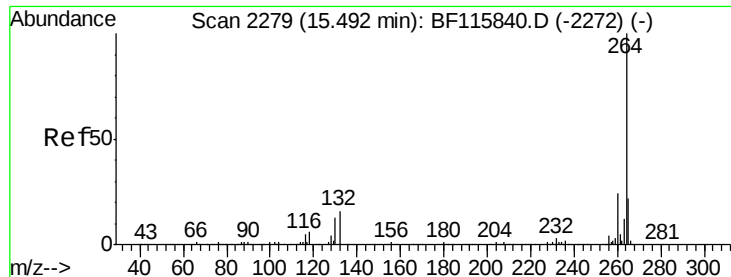
Tot Ion:240 Resp: 275339
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.7 16.1
 236 26.0 22.2 33.2



#79
 Terphenyl-d14
 Concen: 60.521 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116048.D
 Acq: 7 Aug 2019 14:34

Tgt Ion:244 Resp: 790822
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.5 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116048.D
Acq: 7 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
RBR-200051

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	22.3	17.4	26.0

