

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114419.D
 Acq On : 19 May 2019 4:57
 Operator : JU/SJ
 Sample : K2880-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 339-RBR-251608

Quant Time: May 20 08:55:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	222715	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	836573	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	368498	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	649052	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	442086	20.00	ng	-0.03
87) Perylene-d12	15.46	264	488117	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1380988	99.79	ng	0.00
7) Phenol-d6	6.49	99	1677826	102.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	1183441	79.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	438060	114.99	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1930667	79.25	ng	-0.02
79) Terphenyl-d14	12.93	244	1818268	84.79	ng	-0.02

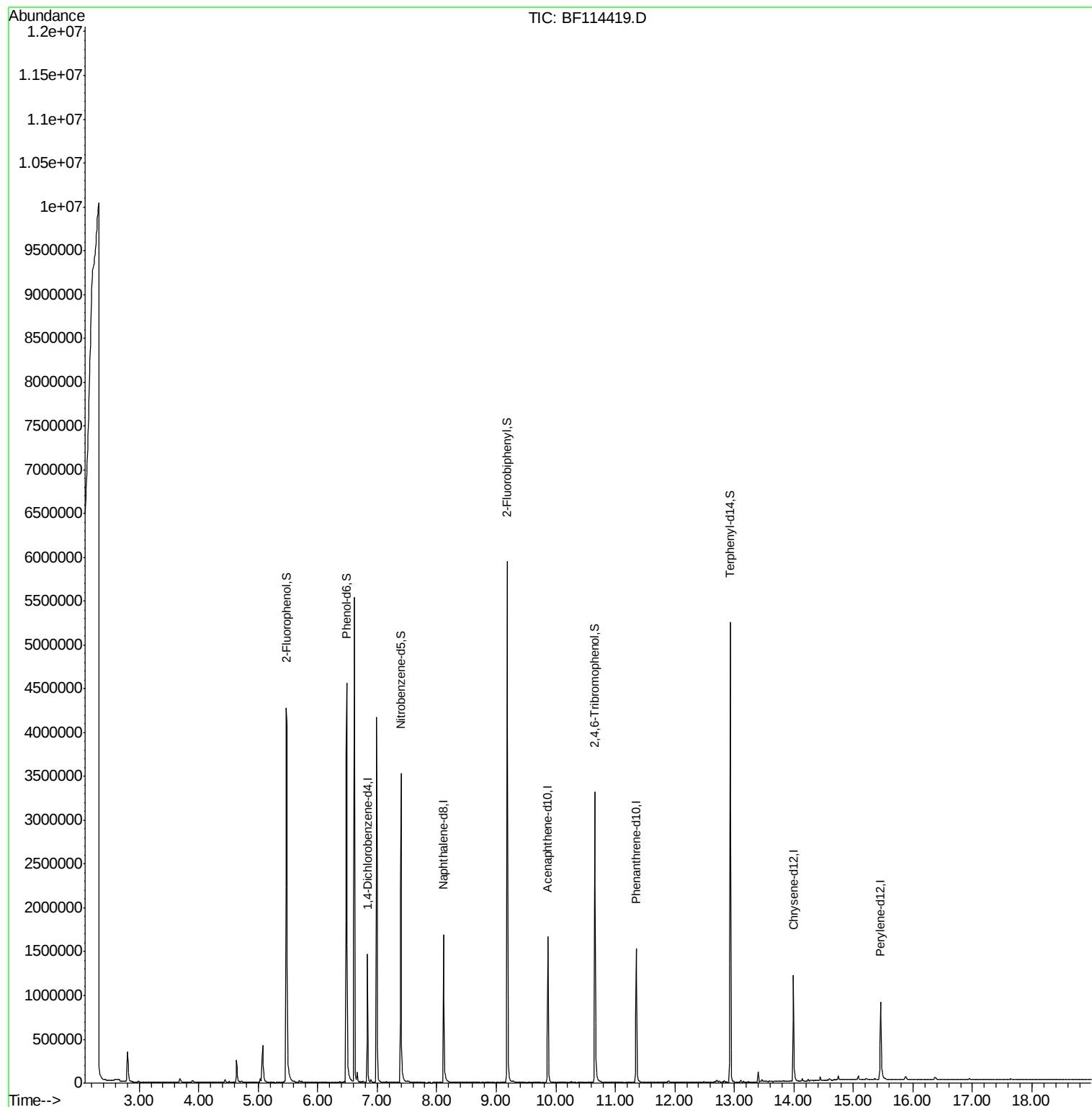
Target Compounds	Qvalue
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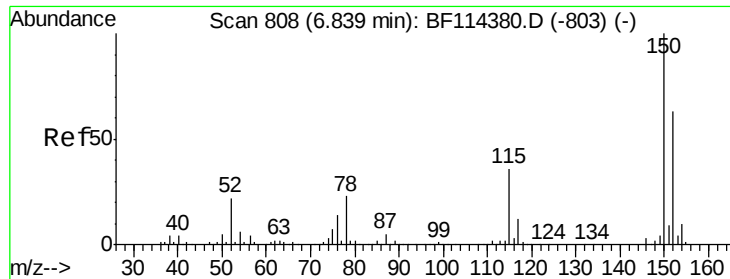
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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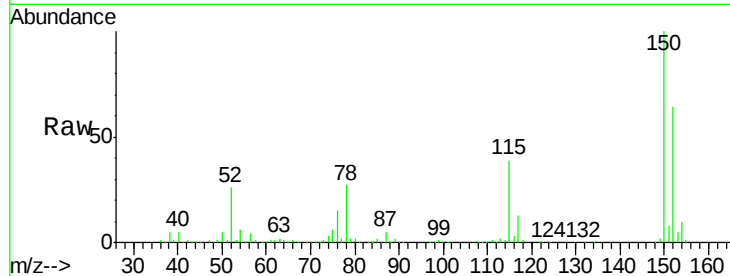


#1

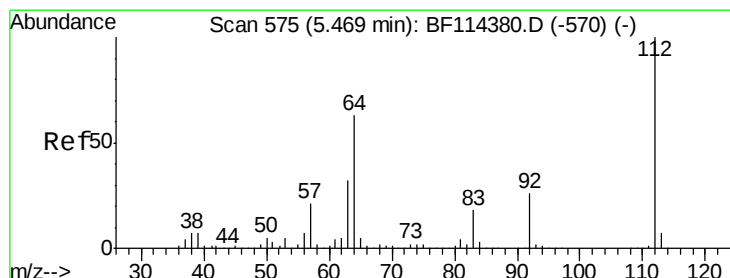
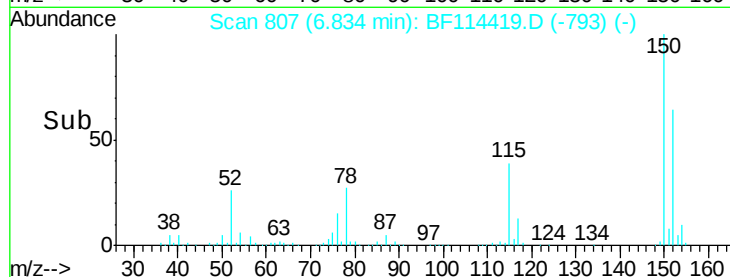
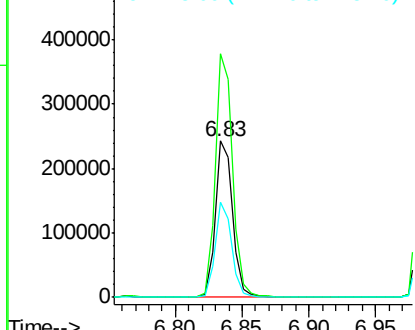
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114419.D
Acq: 19 May 2019 4:57

Instrument :
BNA_F
ClientSampleId :
339-RBR-251608

Tgt Ion:152 Resp: 222715
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 60.8 49.1 73.7



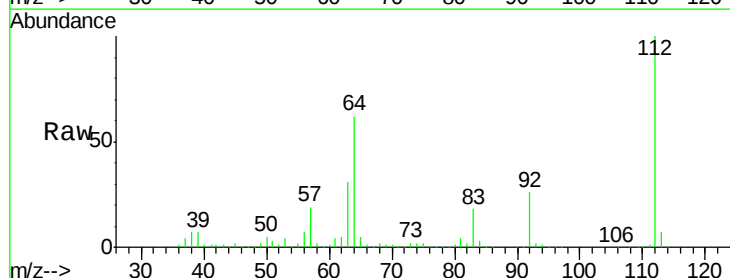
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



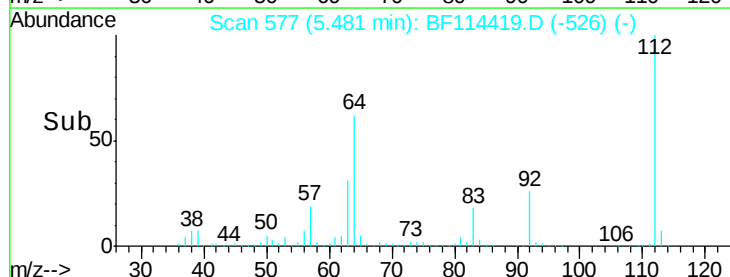
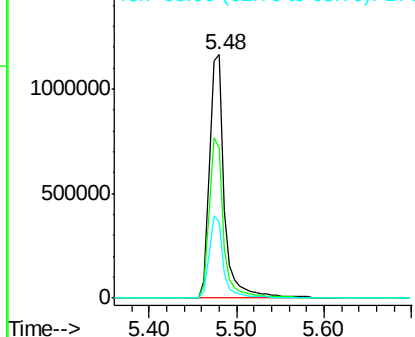
#5

2-Fluorophenol
Concen: 99.785 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114419.D
Acq: 19 May 2019 4:57

Tgt Ion:112 Resp: 1380988
Ion Ratio Lower Upper
112 100
64 61.6 49.0 73.6
63 31.0 24.6 37.0



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: 102.503 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114419.D

Acq: 19 May 2019 4:57

Instrument :

BNA_F

ClientSampleId :

339-RBR-251608

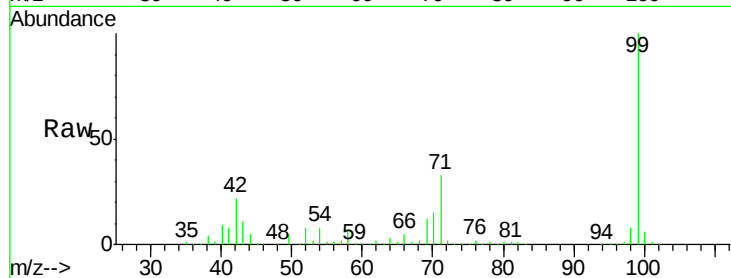
Tgt Ion: 99 Resp: 1677826

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

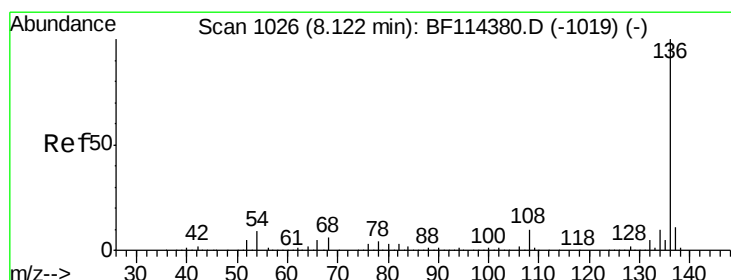
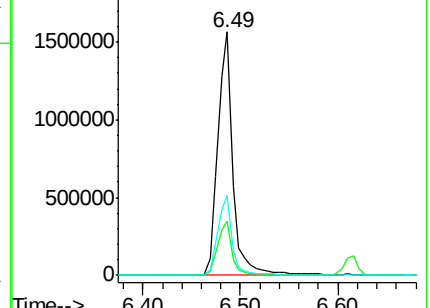
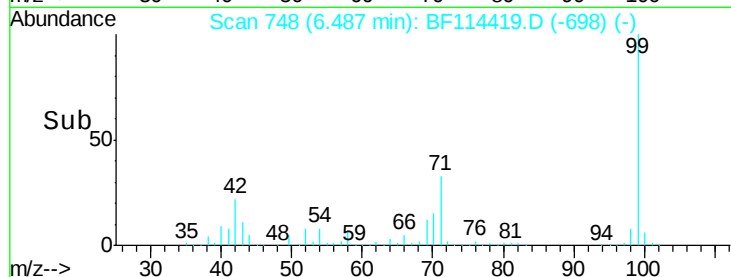
71 33.0 26.2 39.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114419.D

Acq: 19 May 2019 4:57

Tgt Ion: 136 Resp: 836573

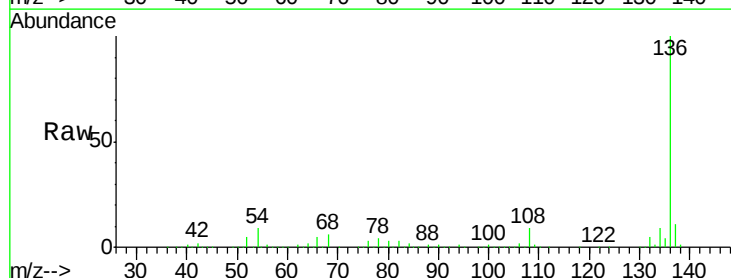
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.1 7.8 11.8

68 5.8 5.1 7.7

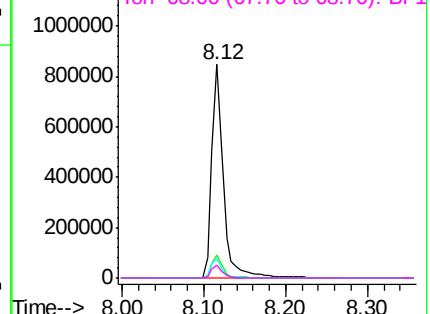
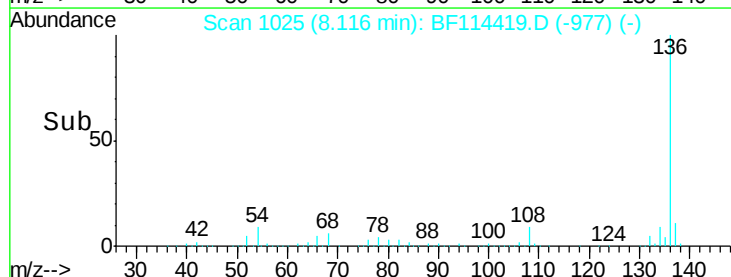


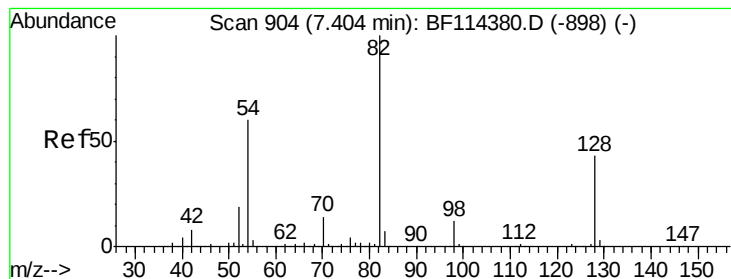
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.389 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114419.D

Acq: 19 May 2019 4:57

Instrument :

BNA_F

ClientSampleId :

339-RBR-251608

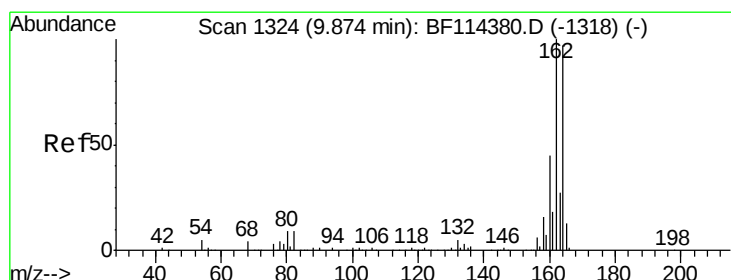
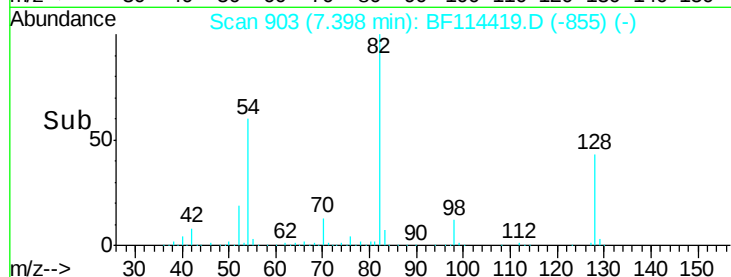
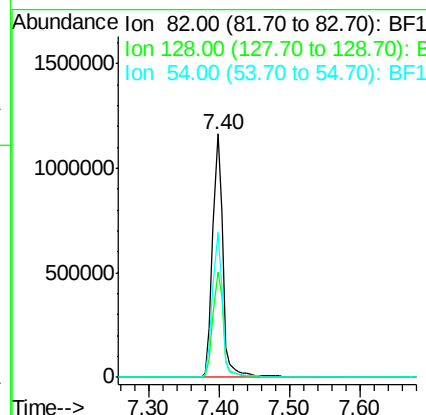
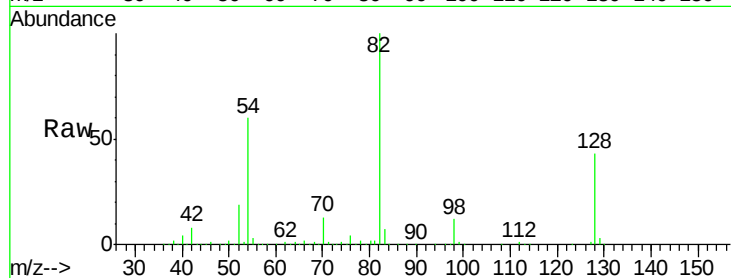
Tgt Ion: 82 Resp: 1183441

Ion Ratio Lower Upper

82 100

128 43.4 35.5 53.3

54 59.8 48.5 72.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114419.D

Acq: 19 May 2019 4:57

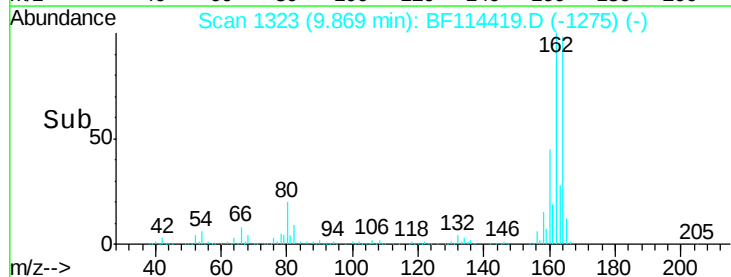
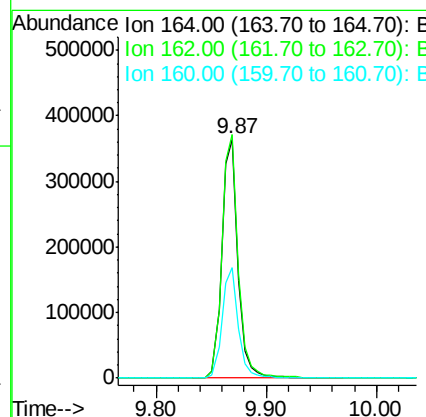
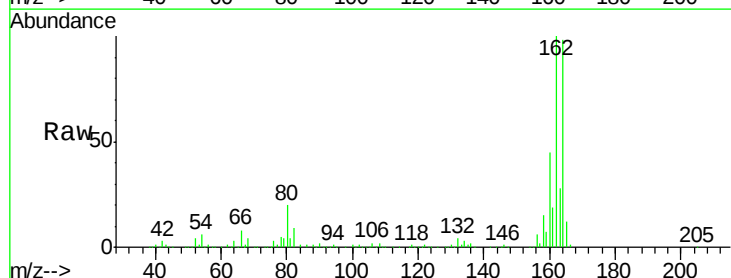
Tgt Ion: 164 Resp: 368498

Ion Ratio Lower Upper

164 100

162 102.0 80.6 120.8

160 46.1 36.5 54.7

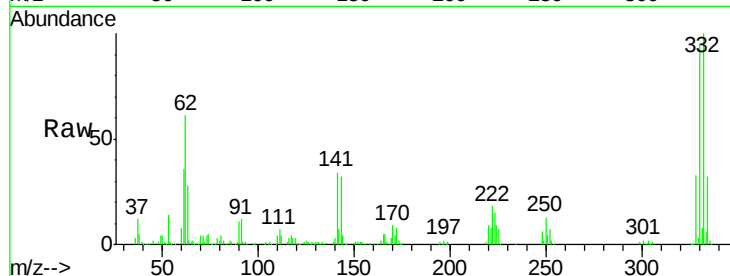




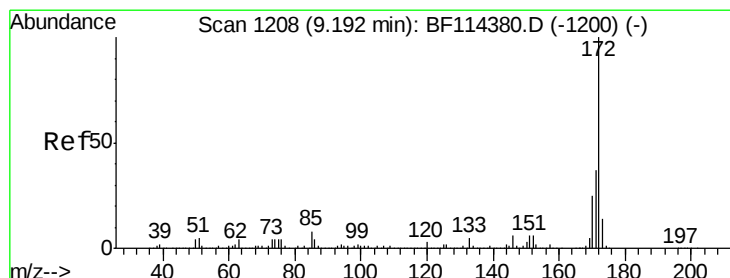
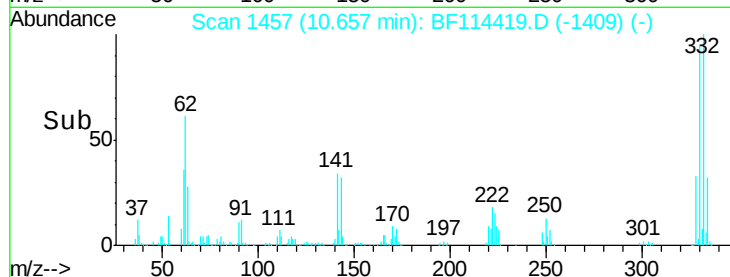
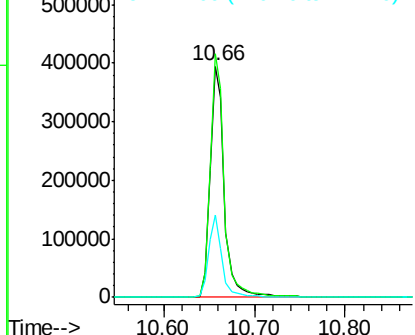
#42
 2,4,6-Tribromophenol
 Concen: 114.987 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114419.D
 Acq: 19 May 2019 4:57

Instrument :
 BNA_F
 ClientSampleId :
 339-RBR-251608

Tgt Ion:330 Resp: 438060
 Ion Ratio Lower Upper
 330 100
 332 104.2 81.4 122.2
 141 34.0 26.6 40.0

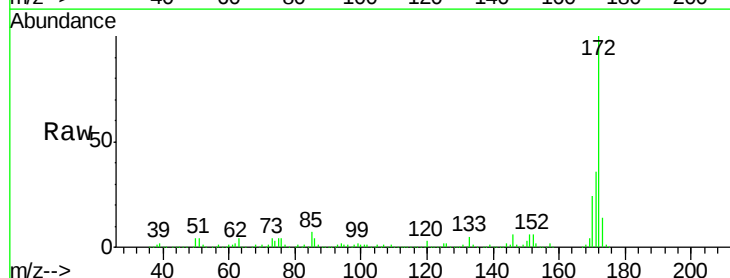


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

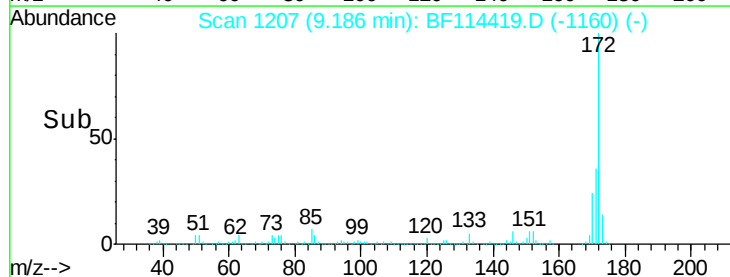
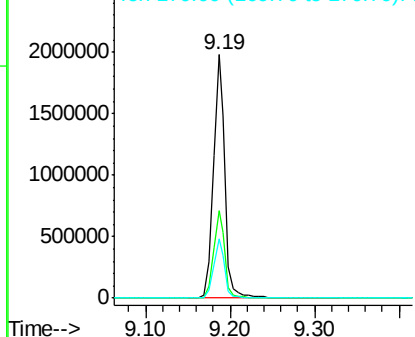


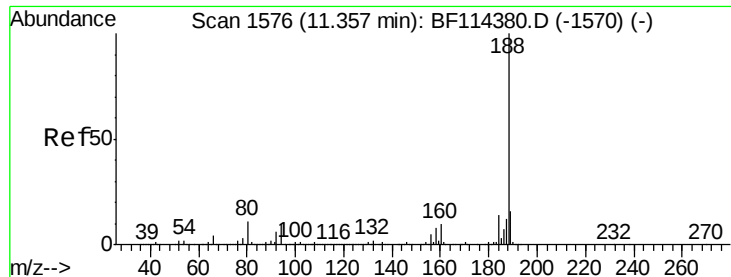
#45
 2-Fluorobiphenyl
 Concen: 79.253 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114419.D
 Acq: 19 May 2019 4:57

Tgt Ion:172 Resp: 1930667
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.7 46.1
 170 24.4 20.5 30.7



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

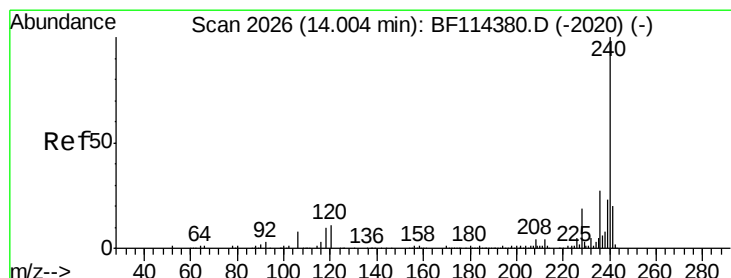
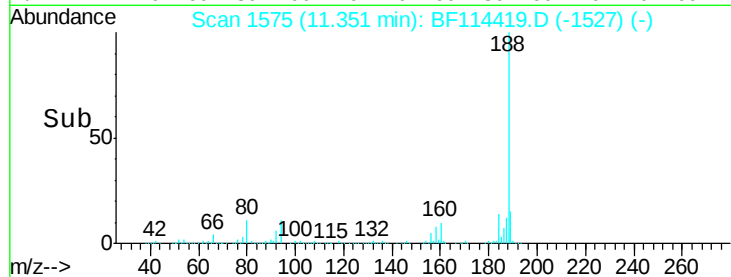
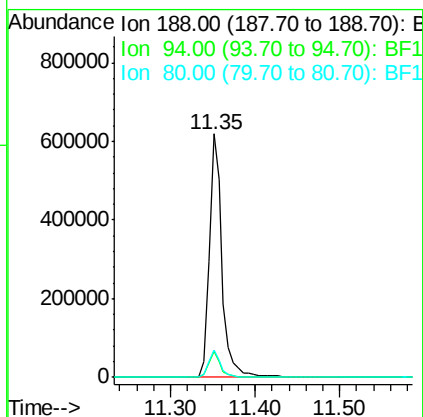
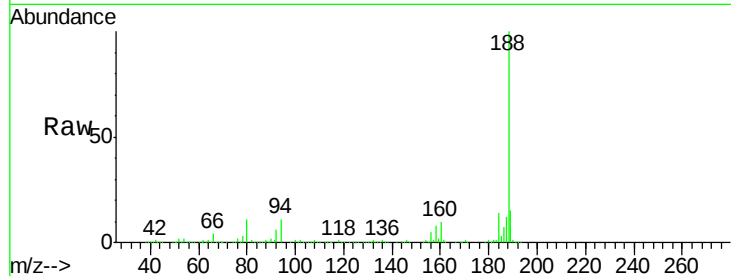




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114419.D
Acq: 19 May 2019 4:57

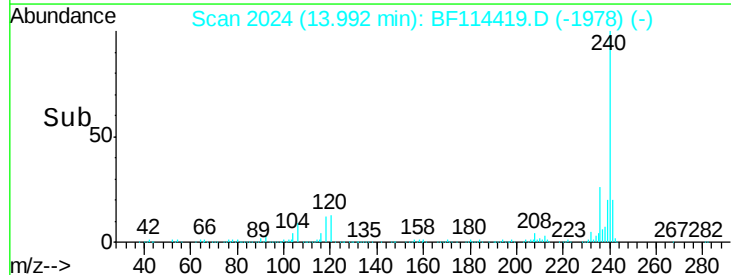
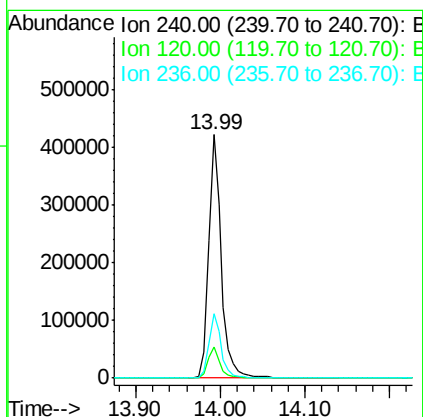
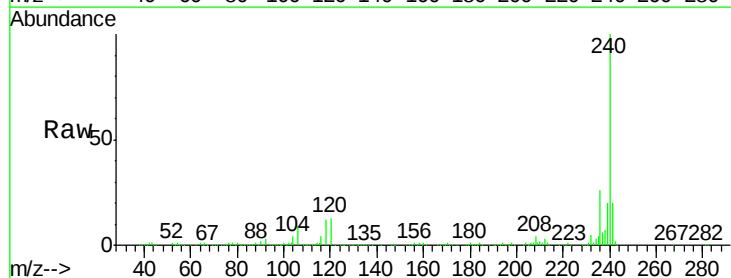
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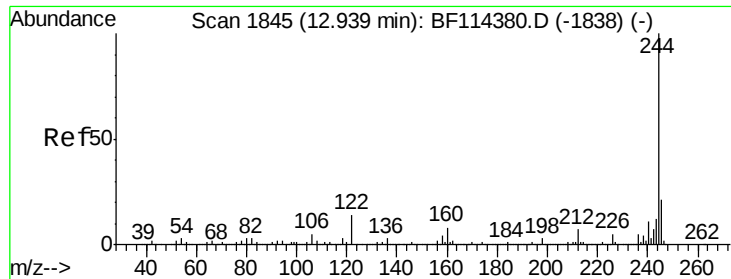
Tgt Ion:188 Resp: 649052
Ion Ratio Lower Upper
188 100
94 10.6 8.4 12.6
80 11.2 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114419.D
Acq: 19 May 2019 4:57

Tgt Ion:240 Resp: 442086
Ion Ratio Lower Upper
240 100
120 12.9 8.3 12.5#
236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 84.785 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114419.D

Acq: 19 May 2019 4:57

Instrument :

BNA_F

ClientSampleId :

339-RBR-251608

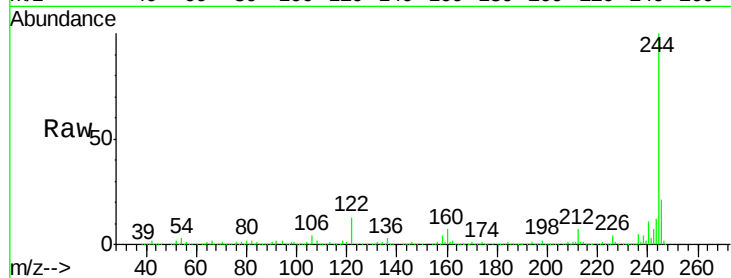
Tgt Ion:244 Resp: 1818268

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

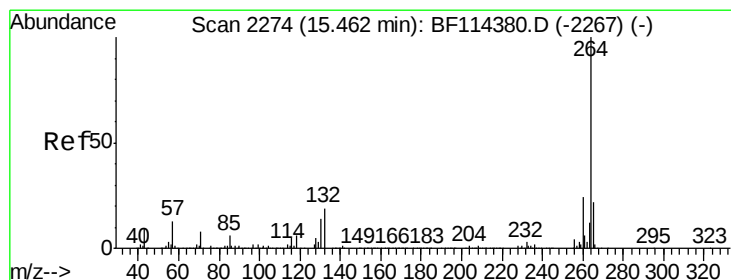
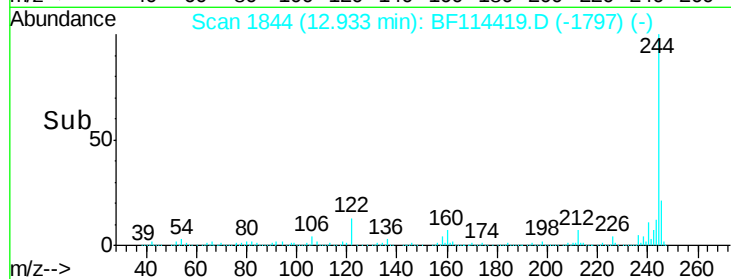
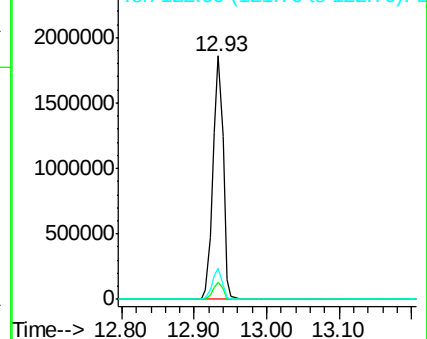
122 13.0 9.4 14.2



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# 2273

Delta R.T. -0.05 min

Lab File: BF114419.D

Acq: 19 May 2019 4:57

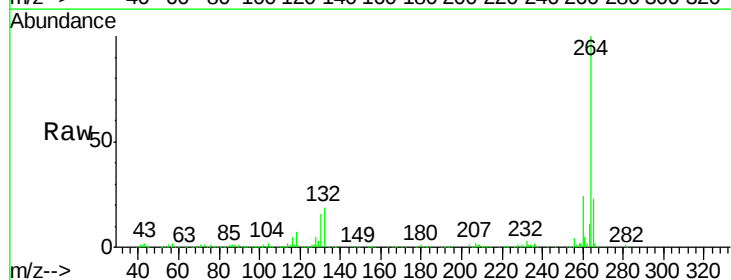
Tgt Ion:264 Resp: 488117

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.5 16.9 25.3



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

