

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111834.D
 Acq On : 3 Jan 2019 21:16
 Operator : JU/SJ
 Sample : K1019-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-GLICAL-PILE

Quant Time: Jan 04 03:40:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	260159	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	978225	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	472137	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	748826	20.00	ng	0.01
76) Chrysene-d12	14.07	240	527053	20.00	ng	0.02
87) Perylene-d12	15.56	264	377765	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1672277	109.57	ng	0.04
7) Phenol-d6	6.55	99	2024593	104.23	ng	0.03
23) Nitrobenzene-d5	7.47	82	1505956	89.61	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	691658	123.98	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	2665462	82.29	ng	0.00
79) Terphenyl-d14	13.02	244	2318775	83.43	ng	0.02

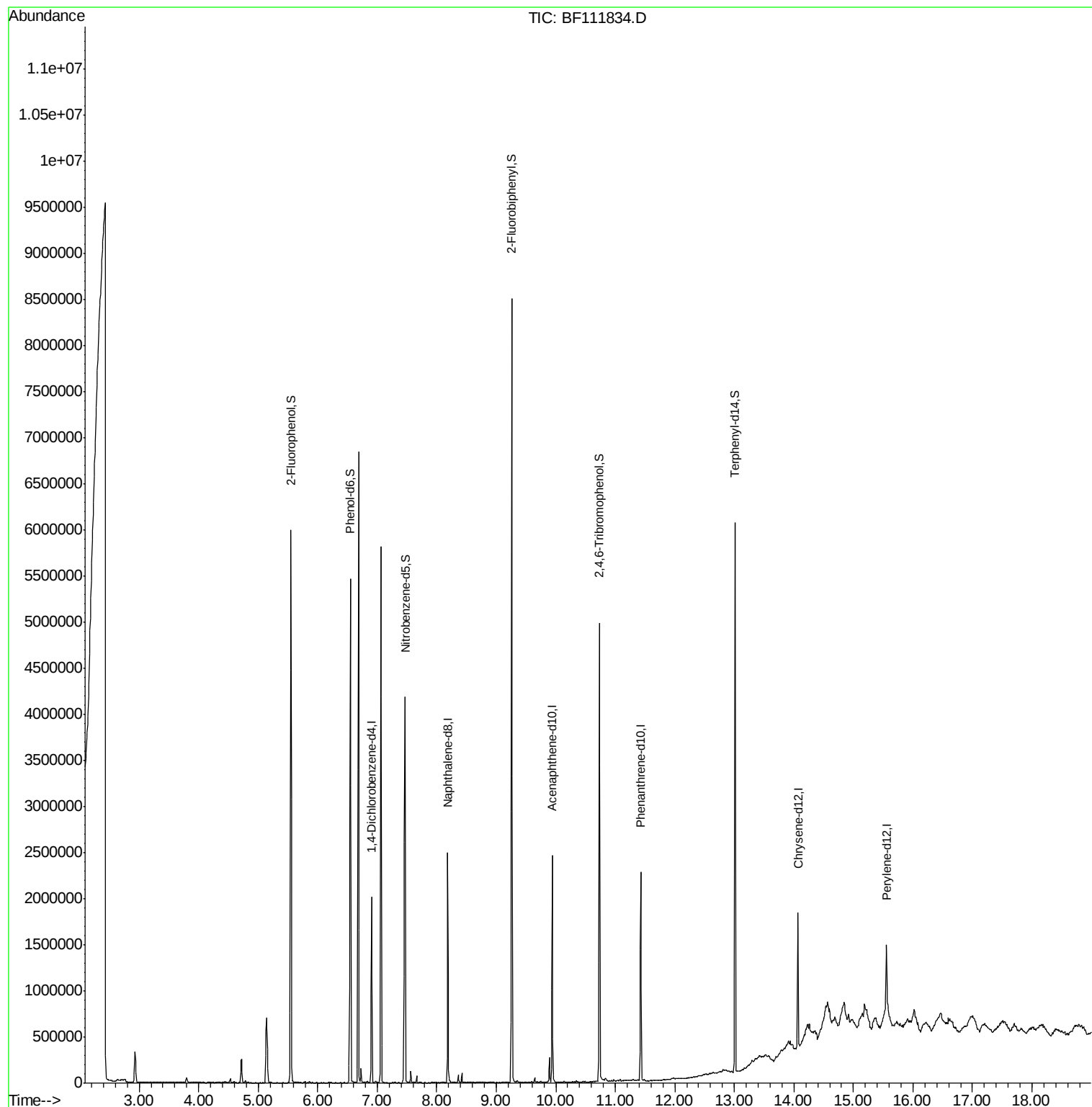
Target Compounds Qvalue

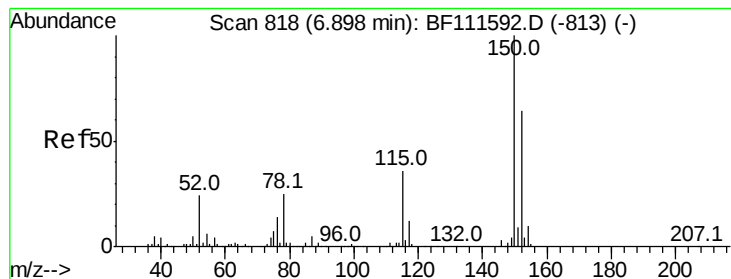
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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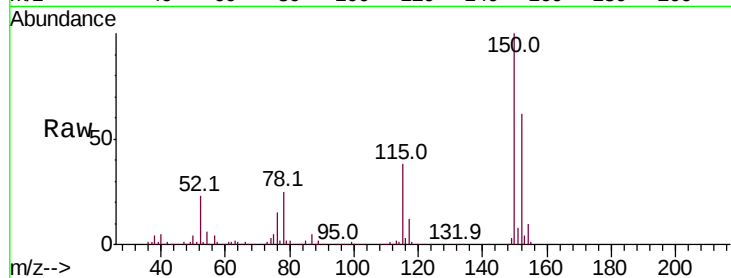


#1

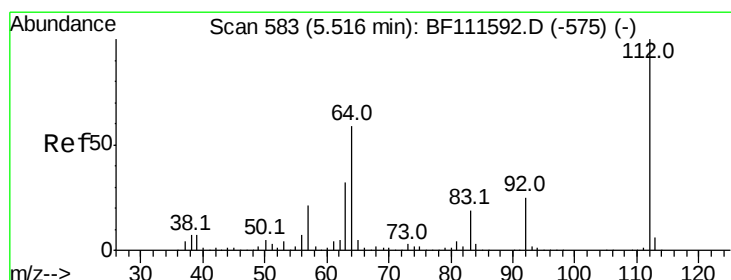
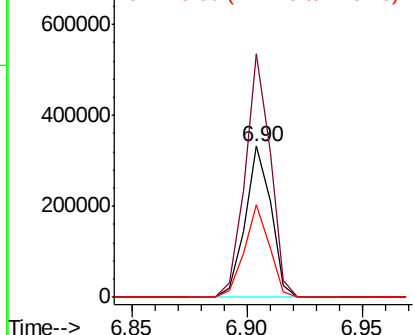
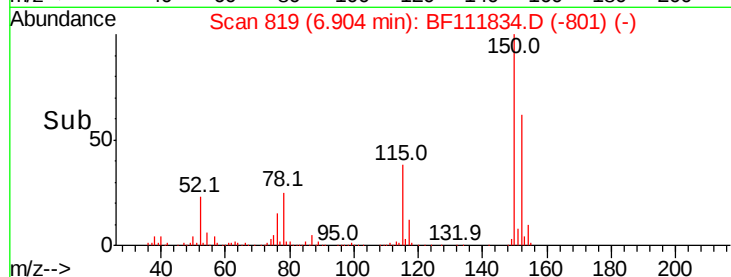
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111834.D
Acq: 3 Jan 2019 21:16

Instrument :
BNA_F
ClientSampleId :
A-GLICAL-PILE

Tot Ion:152 Resp: 260159
Ion Ratio Lower Upper
152 100
150 161.3 126.6 189.8
115 60.9 50.7 76.1



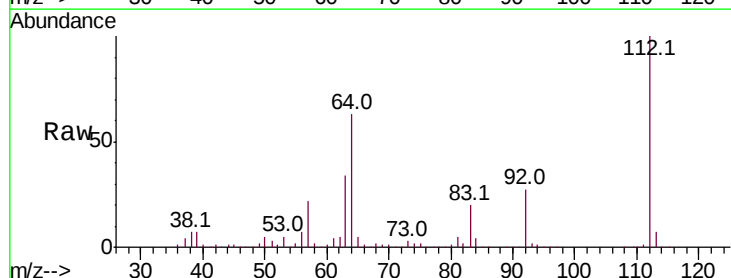
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



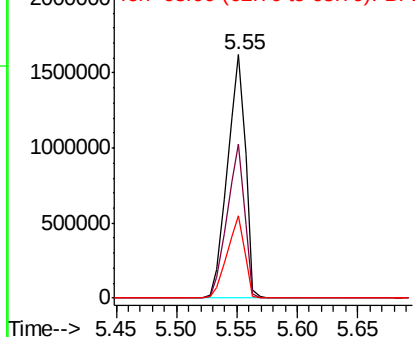
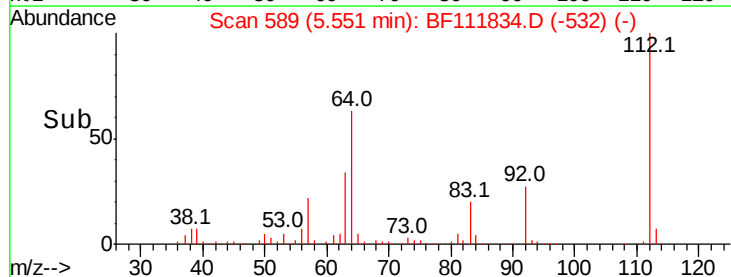
#5

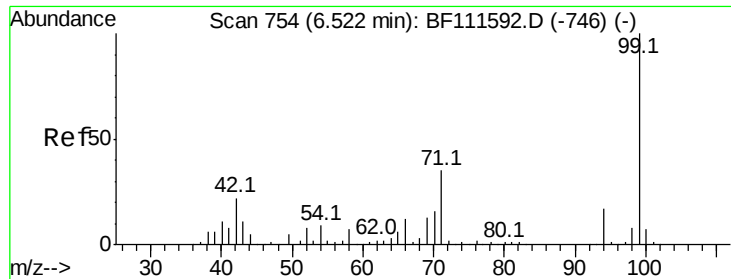
2-Fluorophenol
Concen: 109.566 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111834.D
Acq: 3 Jan 2019 21:16

Tgt Ion:112 Resp: 1672277
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.6
63 34.1 26.8 40.2



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: 104.231 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111834.D

Acq: 3 Jan 2019 21:16

Instrument :

BNA_F

ClientSampleId :

A-GLICAL-PILE

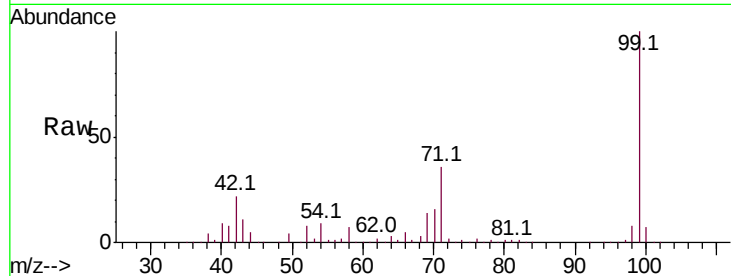
Tot Ion: 99 Resp: 2024593

Ion Ratio Lower Upper

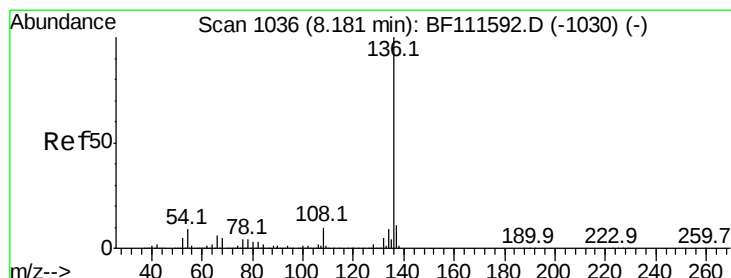
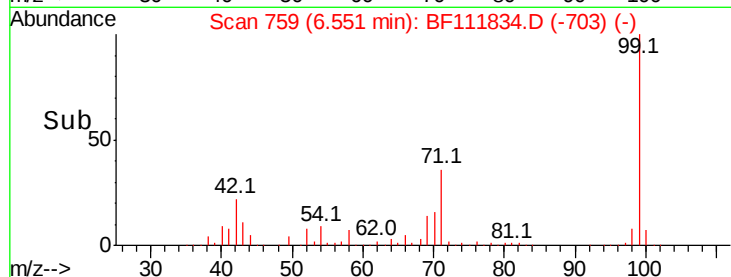
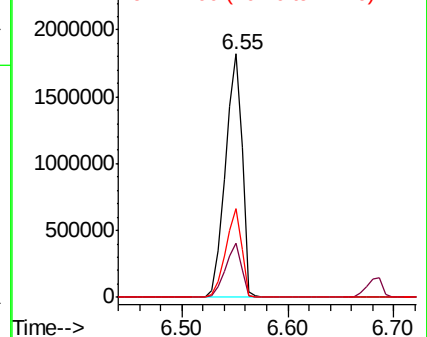
99 100

42 22.0 17.4 26.0

71 36.3 26.1 39.1



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111834.D

Acq: 3 Jan 2019 21:16

Tgt Ion: 136 Resp: 978225

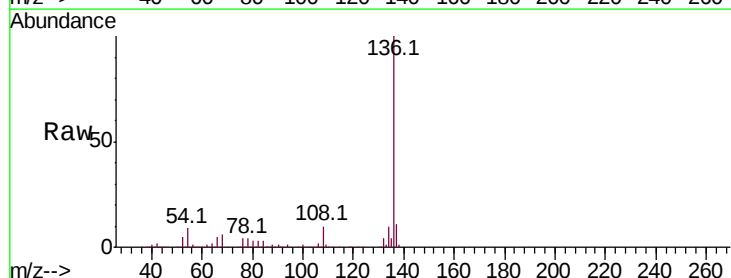
Ion Ratio Lower Upper

136 100

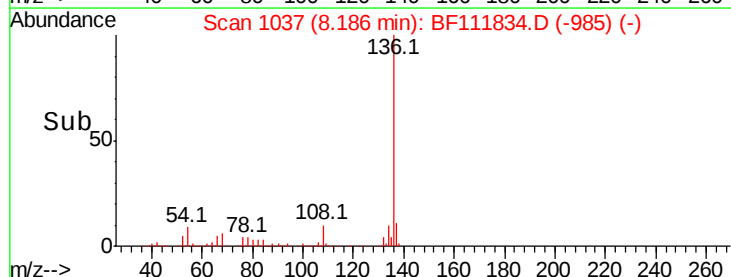
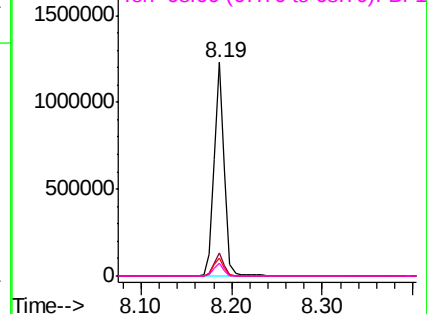
137 11.0 9.1 13.7

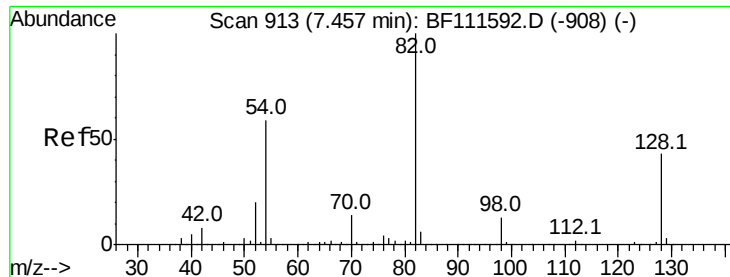
54 8.7 7.7 11.5

68 5.8 4.9 7.3



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

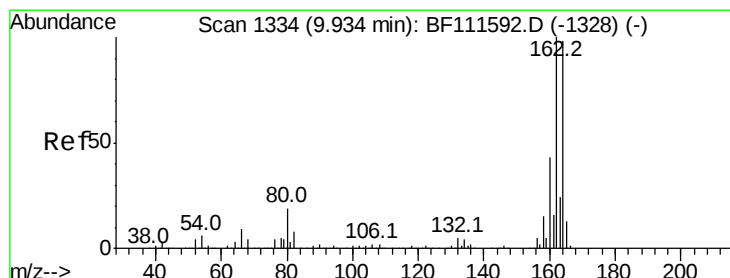
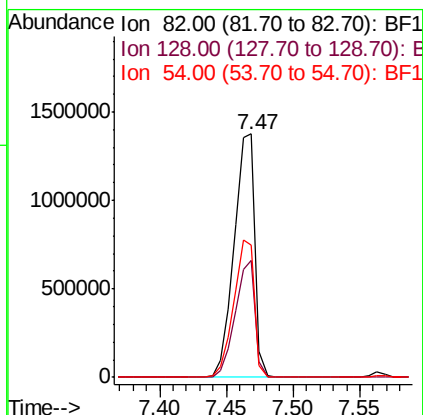
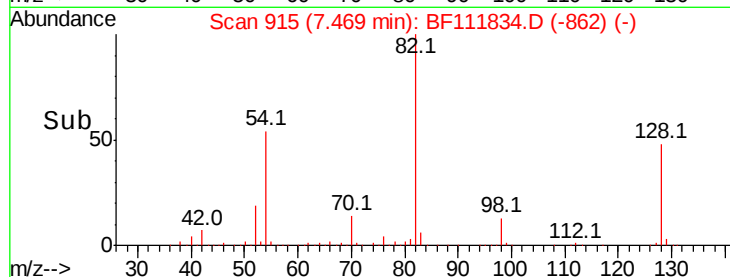
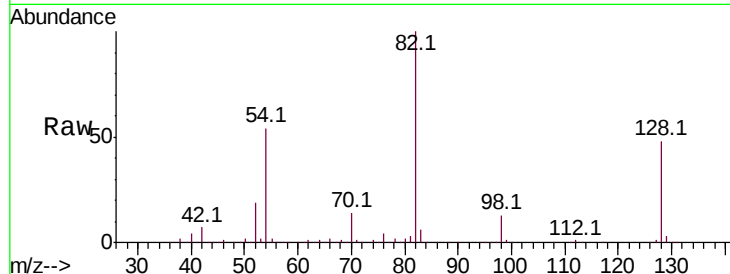




#23
 Nitrobenzene-d5
 Concen: 89.610 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111834.D
 Acq: 3 Jan 2019 21:16

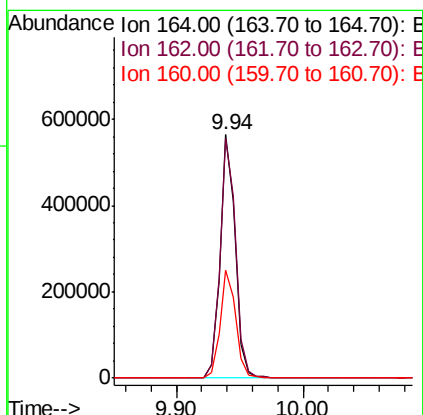
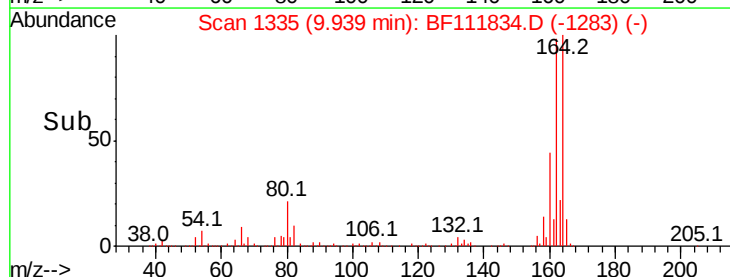
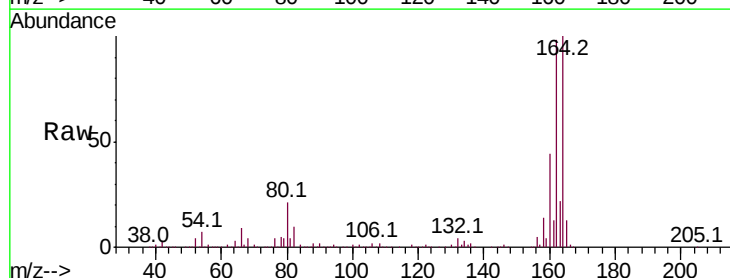
Instrument :
 BNA_F
 ClientSampleId :
 A-GLICAL-PILE

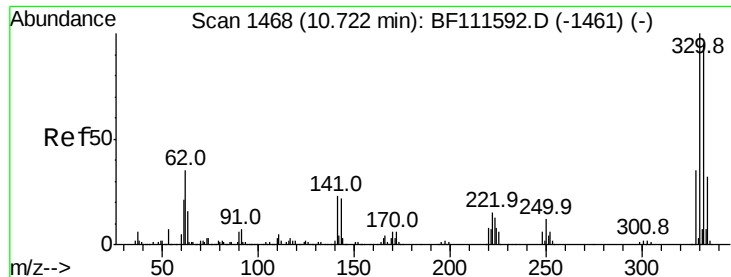
Tot Ion: 82 Resp: 1505956
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.4 56.2
 54 54.4 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111834.D
 Acq: 3 Jan 2019 21:16

Tgt Ion:164 Resp: 472137
 Ion Ratio Lower Upper
 164 100
 162 98.4 81.4 122.0
 160 44.2 35.7 53.5

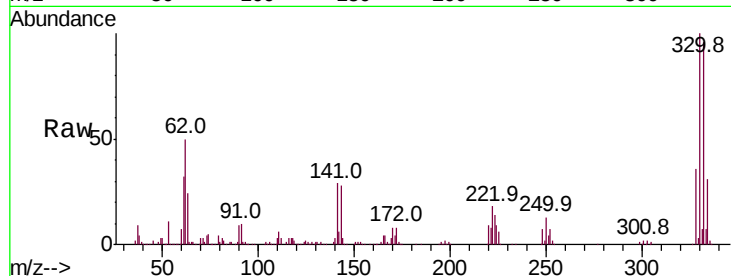




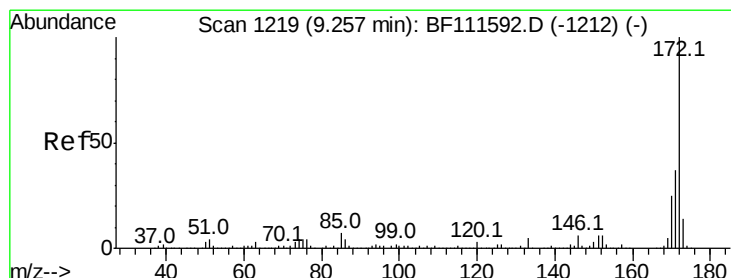
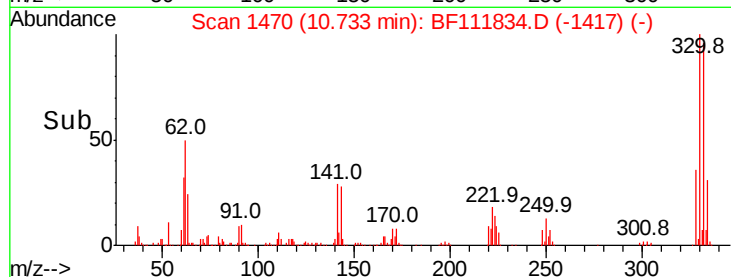
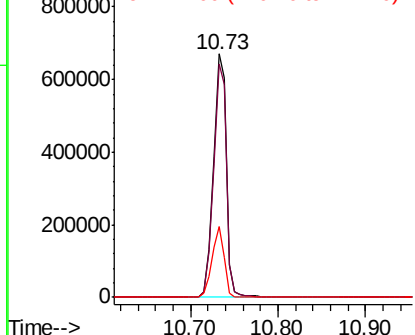
#42
 2,4,6-Tribromophenol
 Concen: 123.983 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111834.D
 Acq: 3 Jan 2019 21:16

Instrument :
 BNA_F
 ClientSampleId :
 A-GLICAL-PILE

Tot Ion:330 Resp: 691658
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 27.3 31.0 46.6#

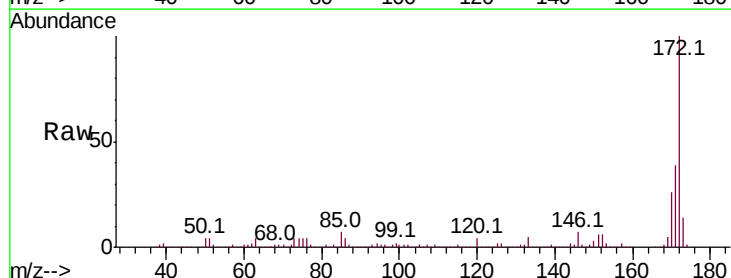


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

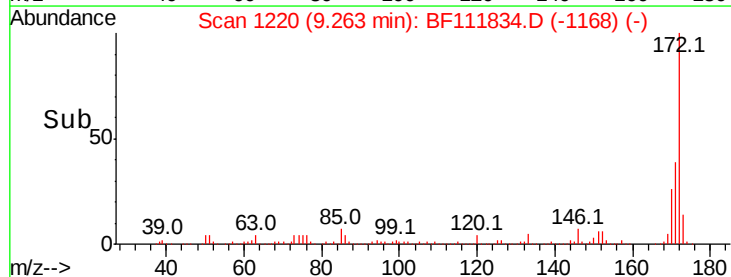
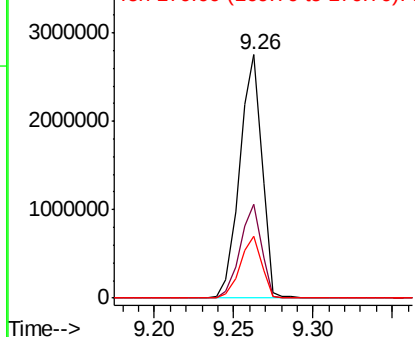


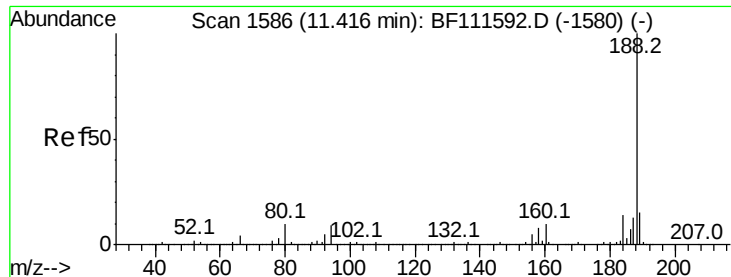
#45
 2-Fluorobiphenyl
 Concen: 82.288 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111834.D
 Acq: 3 Jan 2019 21:16

Tgt Ion:172 Resp: 2665462
 Ion Ratio Lower Upper
 172 100
 171 38.5 33.0 49.4
 170 25.6 22.3 33.5



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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111834.D

Acq: 3 Jan 2019 21:16

Instrument :

BNA_F

ClientSampleId :

A-GLICAL-PILE

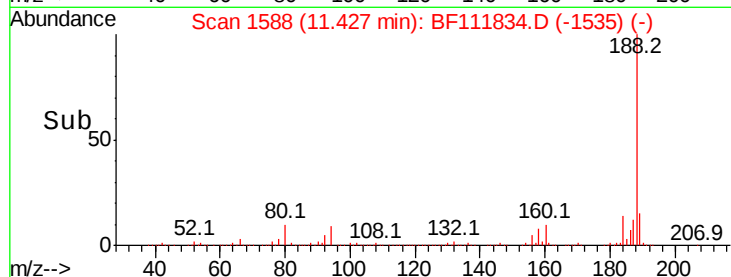
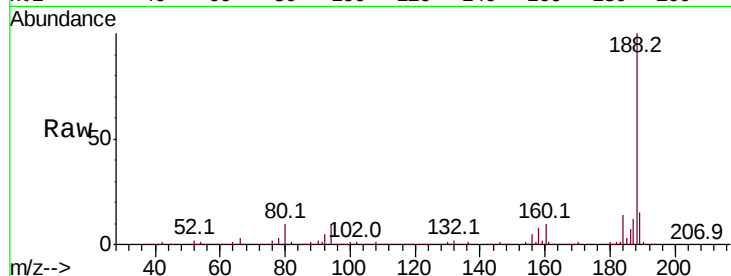
Tot Ion:188 Resp: 748826

Ion Ratio Lower Upper

188 100

94 9.0 9.6 14.4#

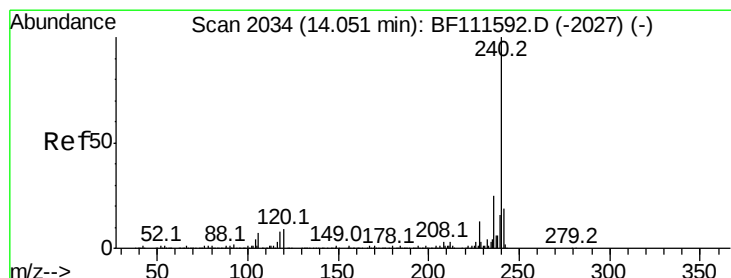
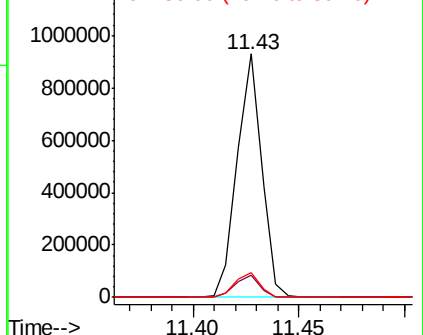
80 9.9 9.8 14.6



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111834.D

Acq: 3 Jan 2019 21:16

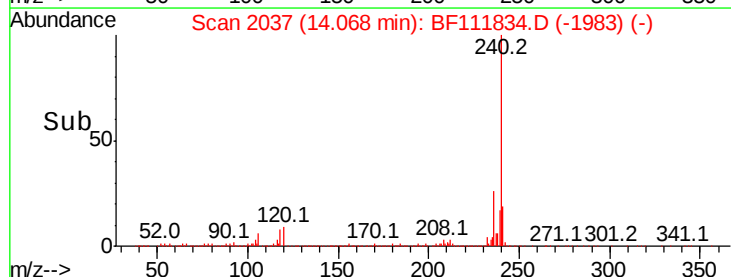
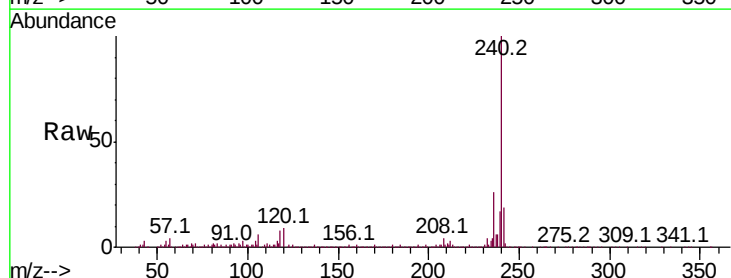
Tgt Ion:240 Resp: 527053

Ion Ratio Lower Upper

240 100

120 9.1 12.2 18.2#

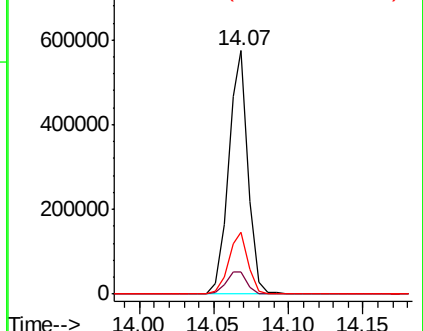
236 25.7 20.2 30.2

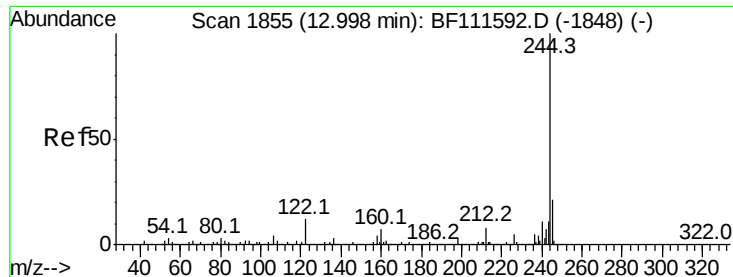


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.433 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111834.D

Acq: 3 Jan 2019 21:16

Instrument :

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ClientSampleId :

A-GLICAL-PILE

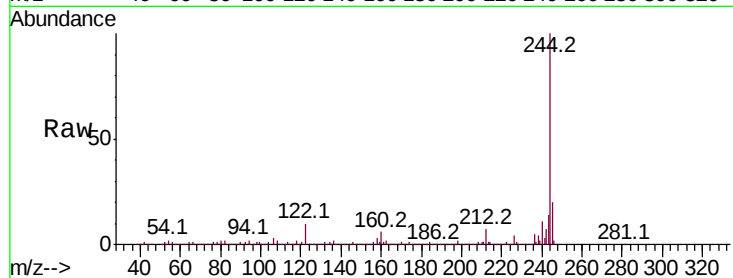
Tot Ion:244 Resp: 2318775

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

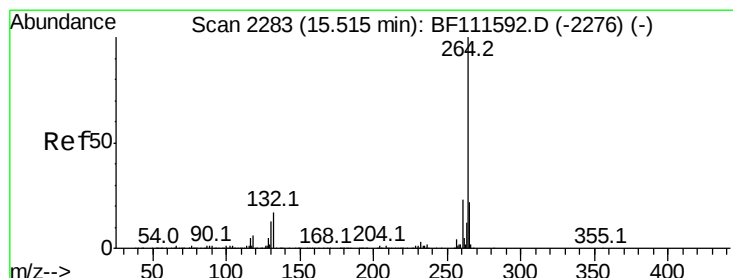
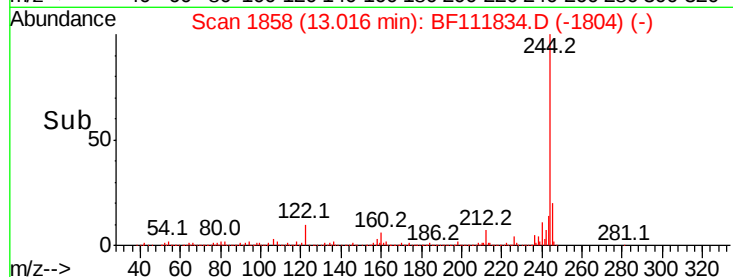
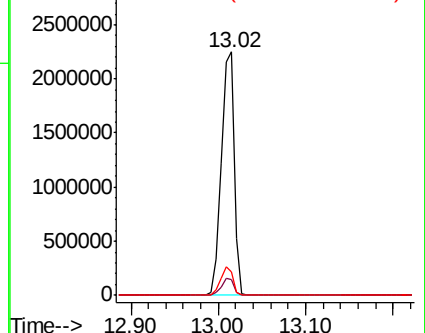
122 9.8 13.1 19.7#



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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111834.D

Acq: 3 Jan 2019 21:16

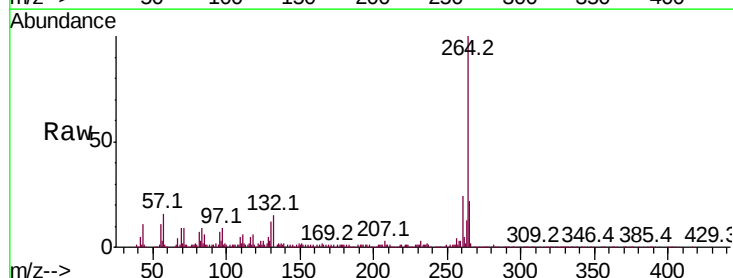
Tgt Ion:264 Resp: 377765

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 22.3 17.7 26.5



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

