

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111658.D
 Acq On : 21 Dec 2018 00:13
 Operator : JU/SJ
 Sample : J6447-04 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Quant Time: Dec 21 07:21:56 2018
 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	202441	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	732783	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	324045	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	503414	20.00	ng	0.00
76) Chrysene-d12	14.04	240	494962	20.00	ng	0.00
87) Perylene-d12	15.52	264	375943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	102691	8.65	ng	-0.01
7) Phenol-d6	6.51	99	131548	8.70	ng	-0.01
23) Nitrobenzene-d5	7.45	82	74779	5.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	25192	6.58	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	145795	6.56	ng	0.00
79) Terphenyl-d14	12.99	244	119397	4.57	ng	0.00

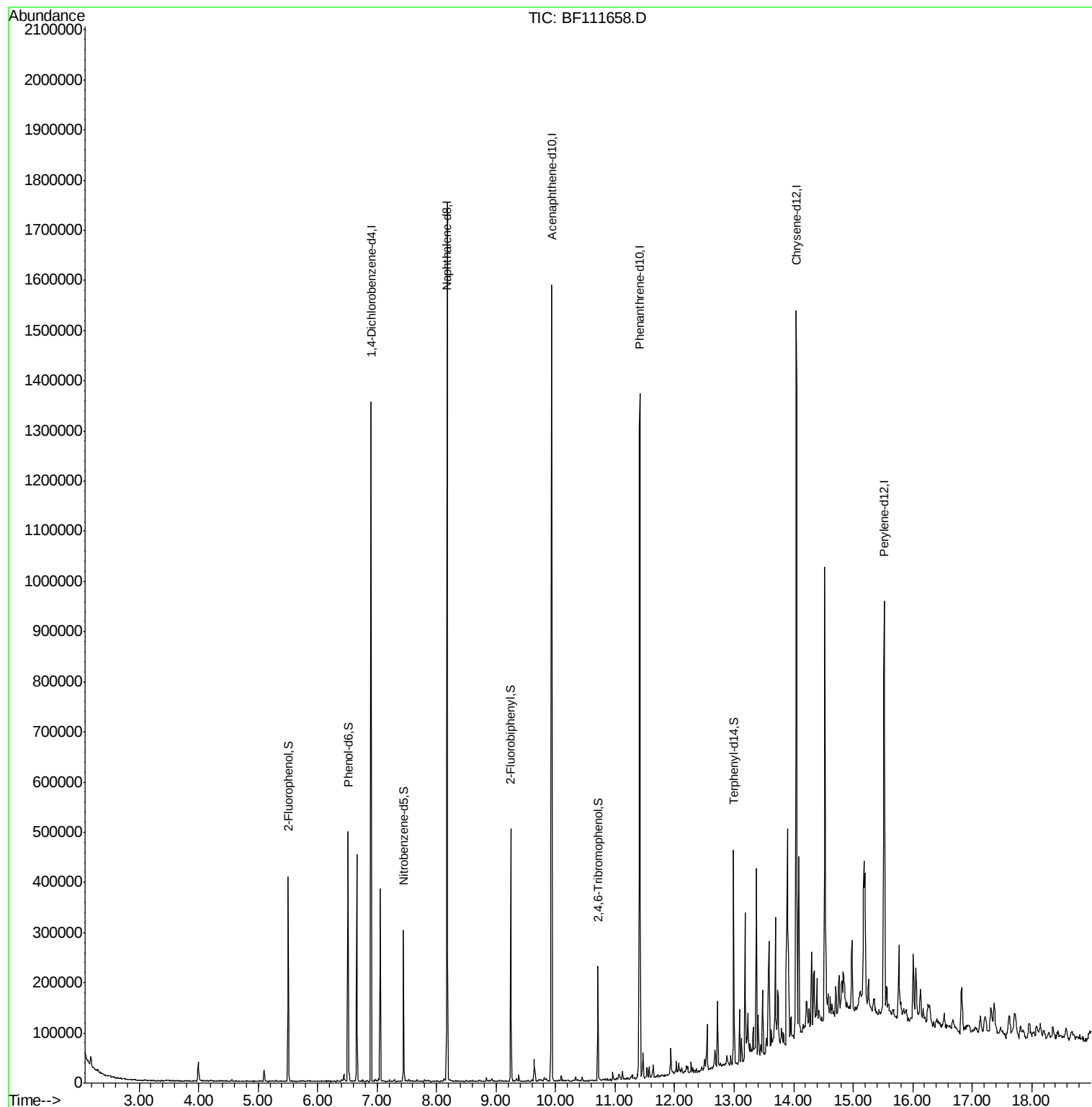
Target Compounds Qvalue

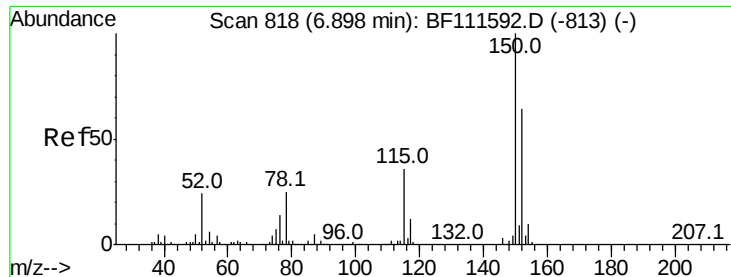
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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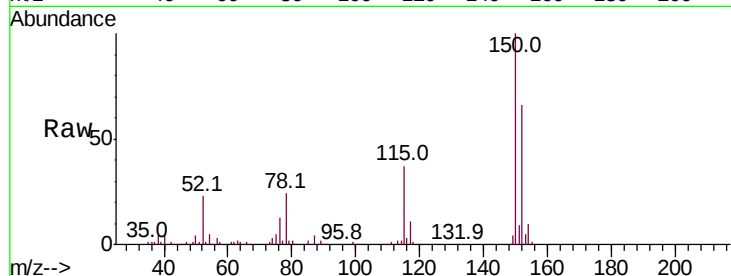


#1

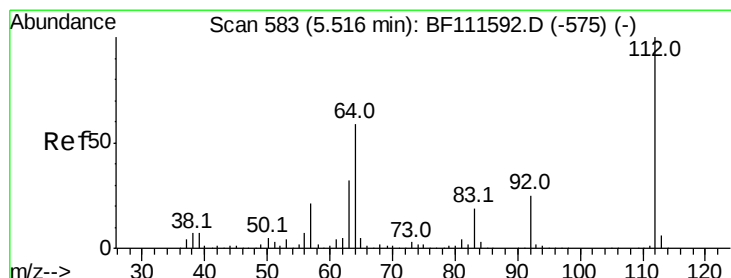
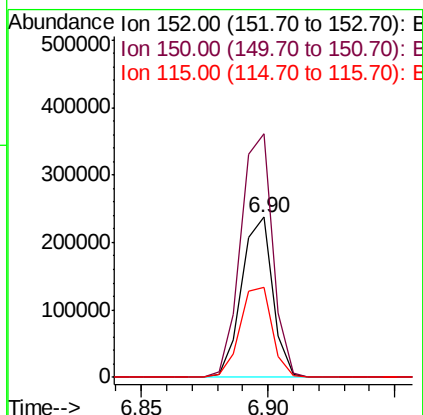
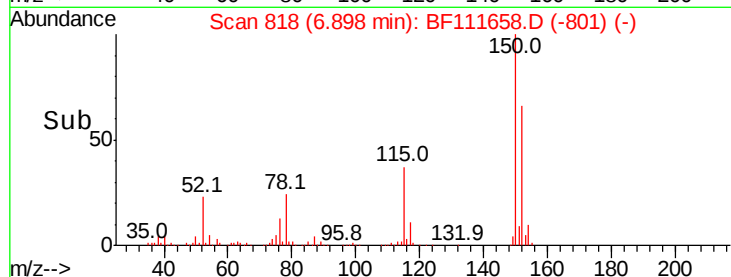
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111658.D
Acq: 21 Dec 2018 00:13

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

Tot Ion:152 Resp: 202441
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 56.2 50.7 76.1



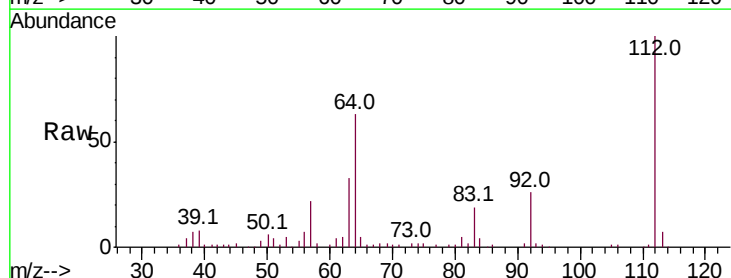
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



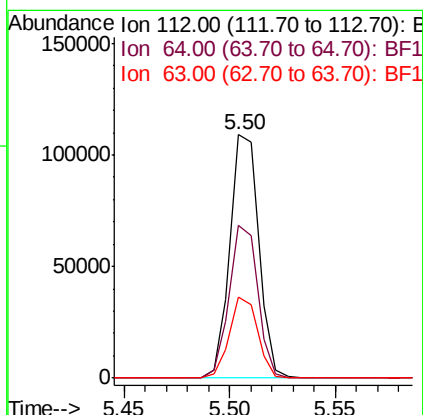
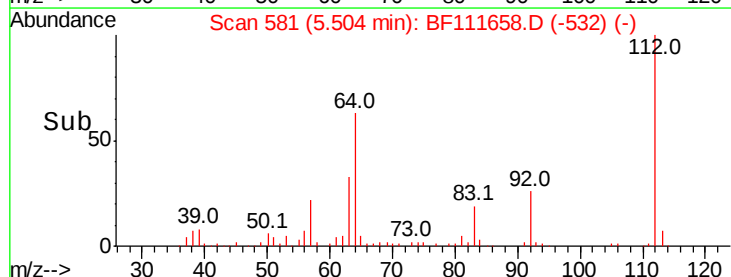
#5

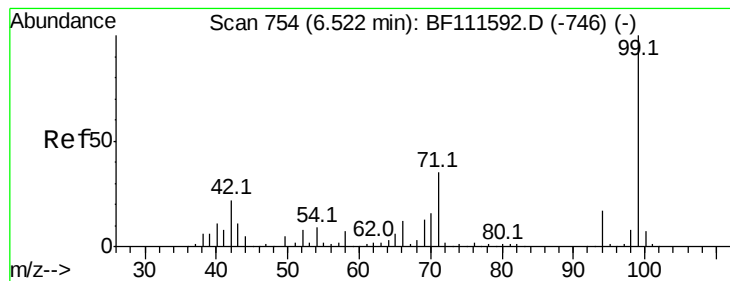
2-Fluorophenol
Concen: 8.646 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF111658.D
Acq: 21 Dec 2018 00:13

Tgt Ion:112 Resp: 102691
Ion Ratio Lower Upper
112 100
64 62.6 51.8 77.6
63 33.3 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: 8.703 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

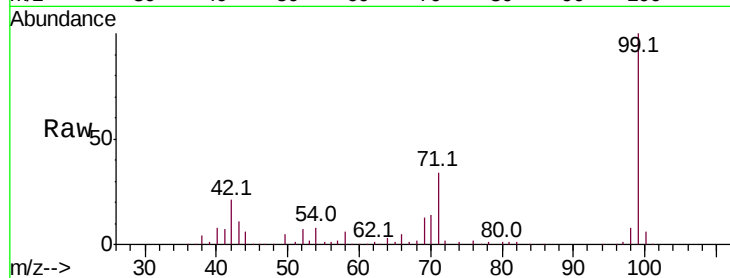
Tot Ion: 99 Resp: 131548

Ion Ratio Lower Upper

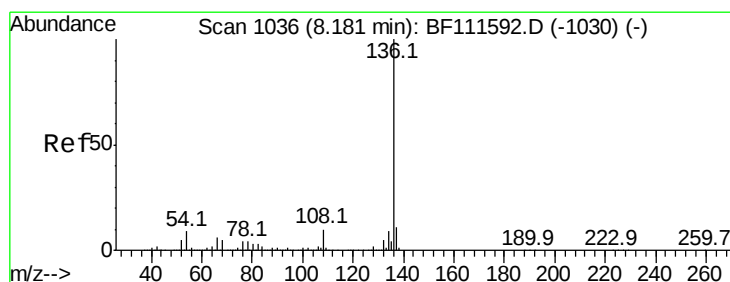
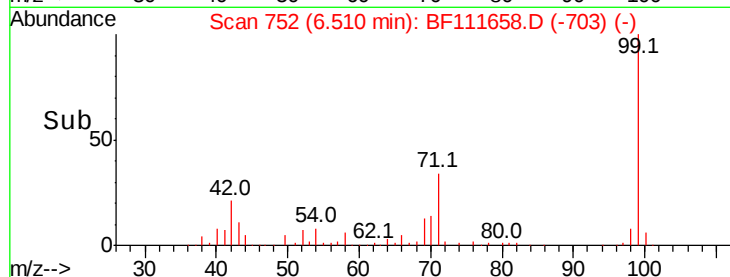
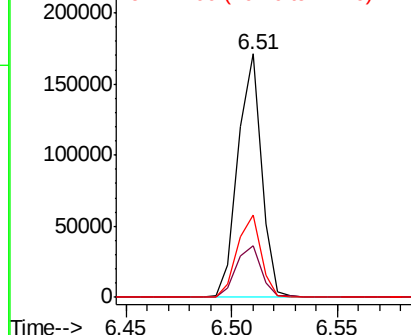
99 100

42 21.2 17.4 26.0

71 33.9 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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Tgt Ion: 136 Resp: 732783

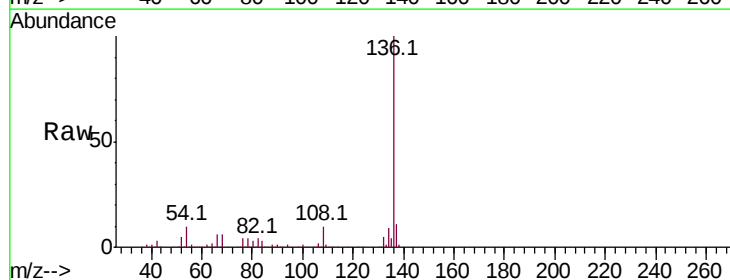
Ion Ratio Lower Upper

136 100

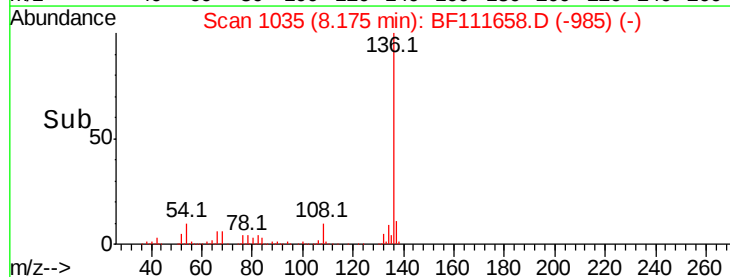
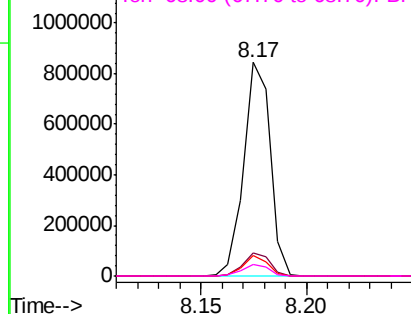
137 10.7 9.1 13.7

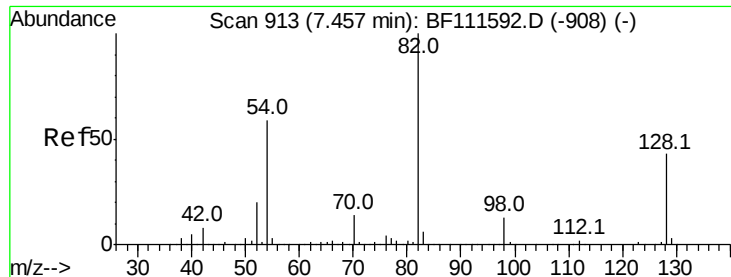
54 9.8 7.7 11.5

68 5.7 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

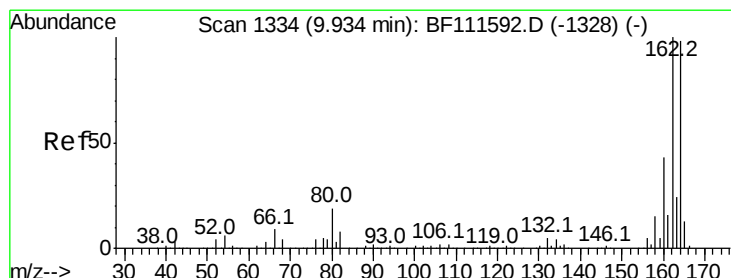
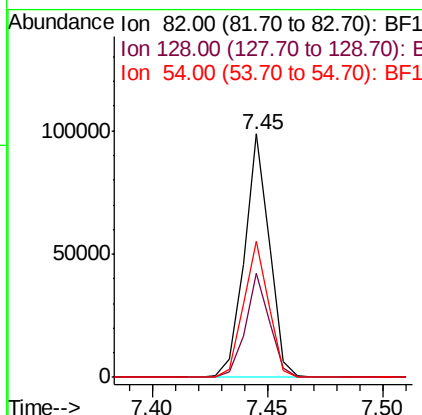
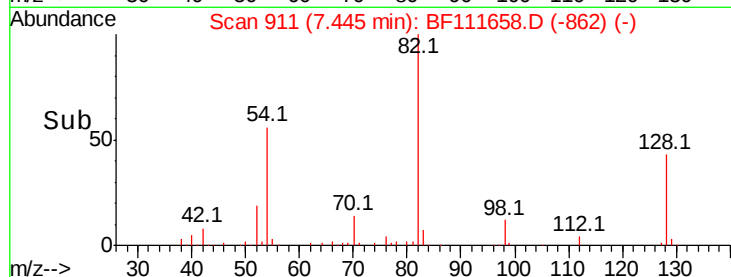
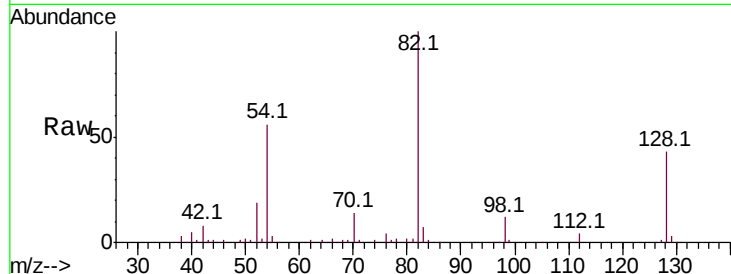




#23
Nitrobenzene-d5
Concen: 5.940 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111658.D
Acq: 21 Dec 2018 00:13

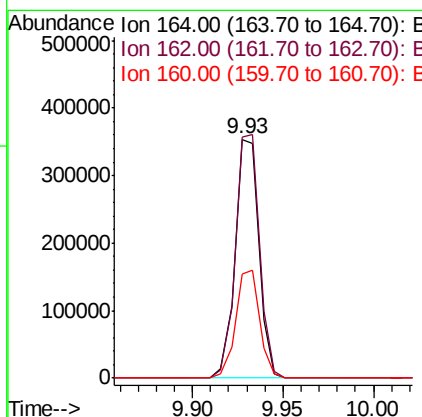
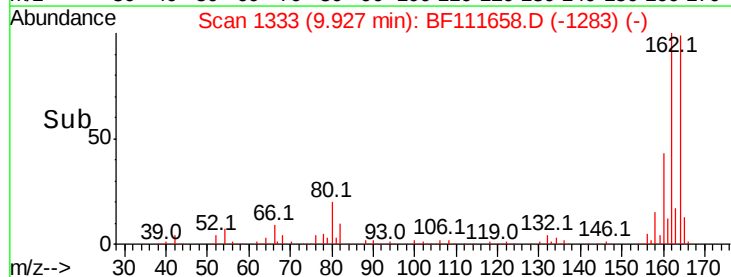
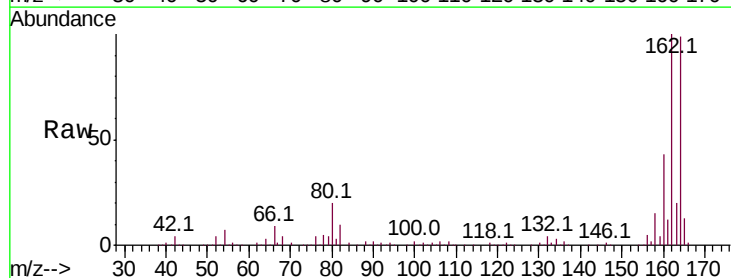
Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

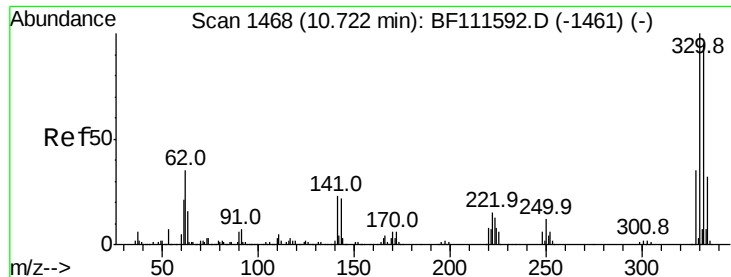
Tot Ion: 82 Resp: 74779
Ion Ratio Lower Upper
82 100
128 42.8 37.4 56.2
54 56.1 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111658.D
Acq: 21 Dec 2018 00:13

Tgt Ion:164 Resp: 324045
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 6.580 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

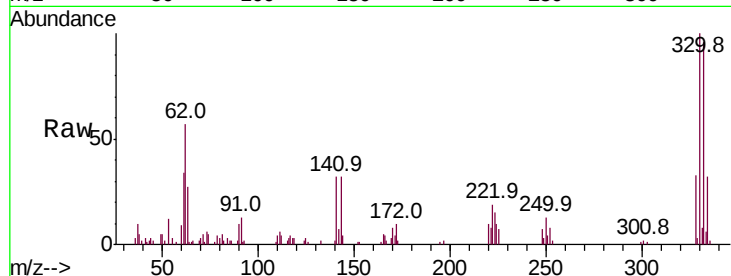
Tot Ion:330 Resp: 25192

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

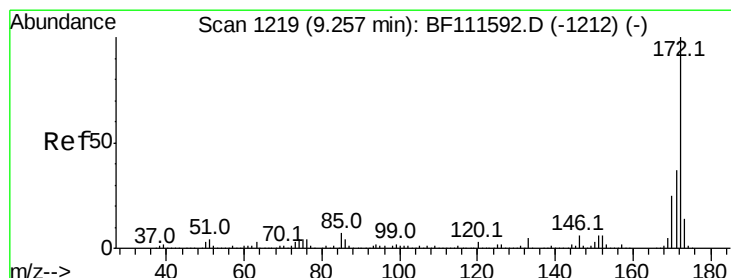
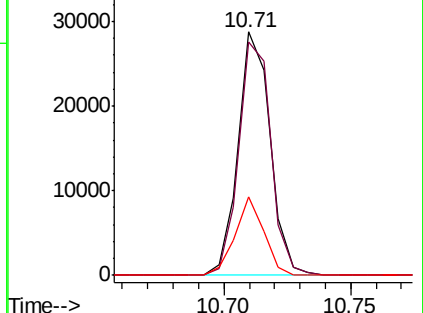
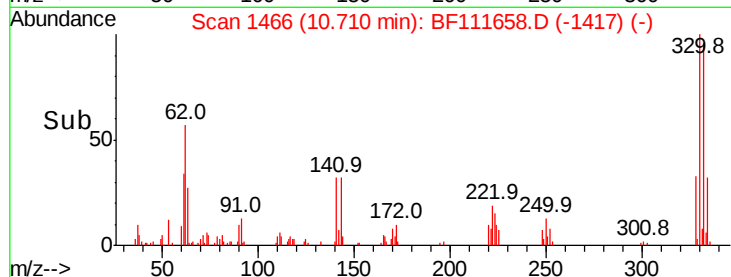
141 28.6 31.0 46.6#



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: 6.558 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

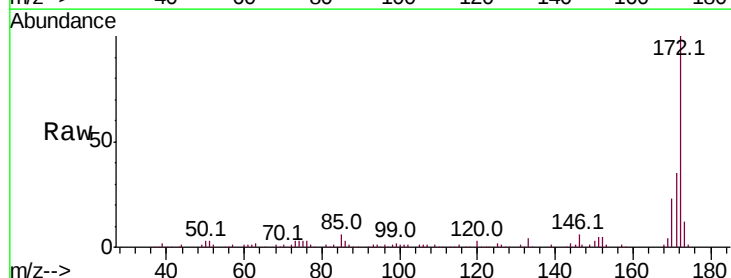
Tgt Ion:172 Resp: 145795

Ion Ratio Lower Upper

172 100

171 34.5 33.0 49.4

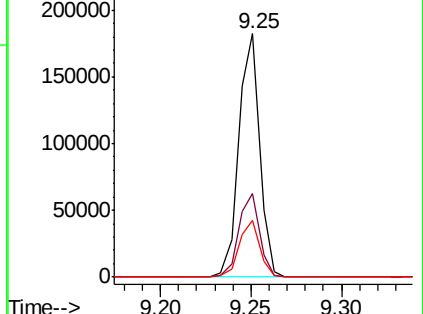
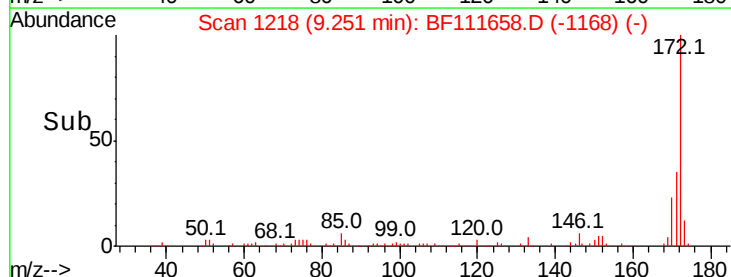
170 23.3 22.3 33.5

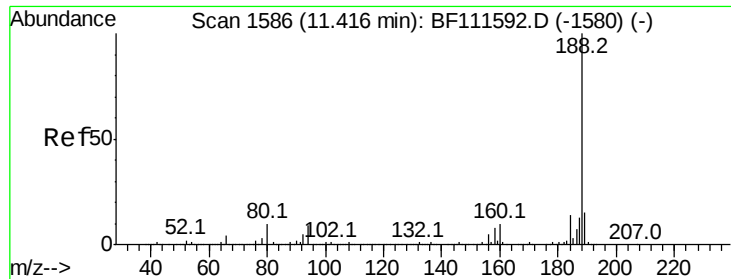


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

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ClientSampleId :

P001-SS024-1218-01

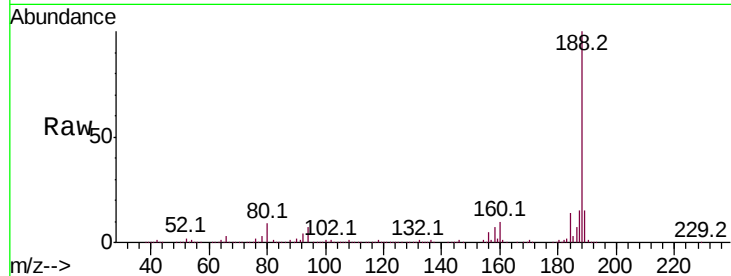
Tot Ion:188 Resp: 503414

Ion Ratio Lower Upper

188 100

94 7.4 9.6 14.4#

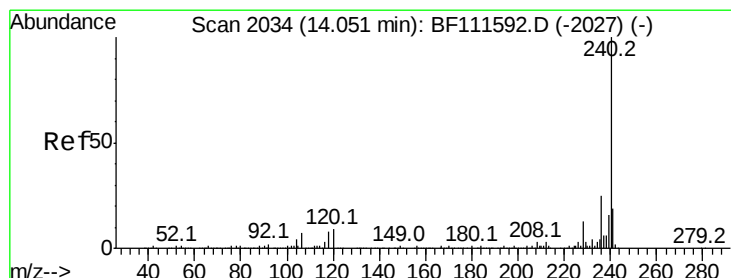
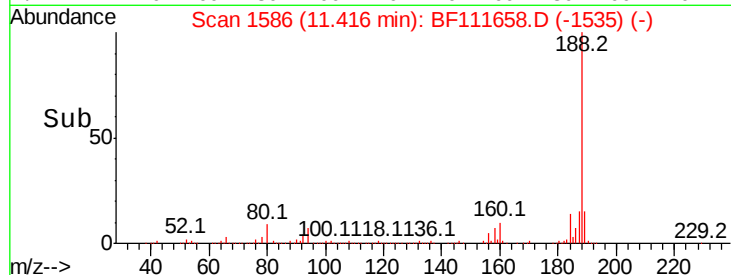
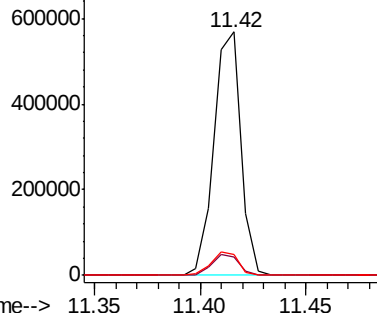
80 8.5 9.8 14.6#



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

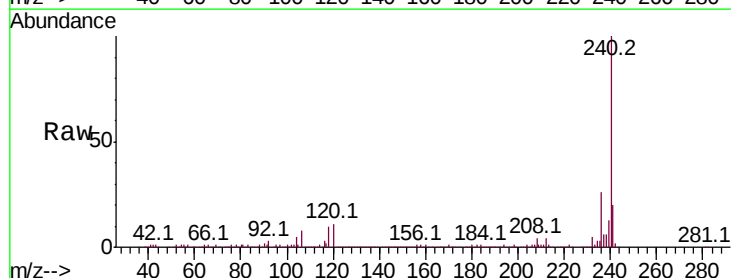
Tgt Ion:240 Resp: 494962

Ion Ratio Lower Upper

240 100

120 11.2 12.2 18.2#

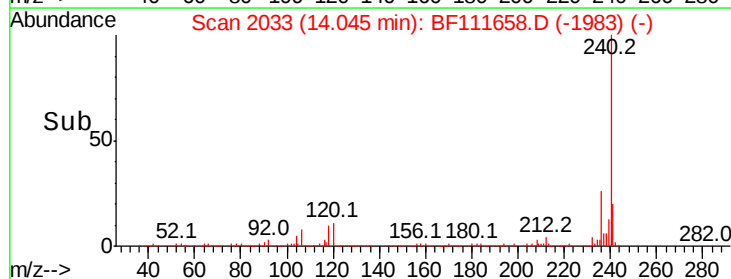
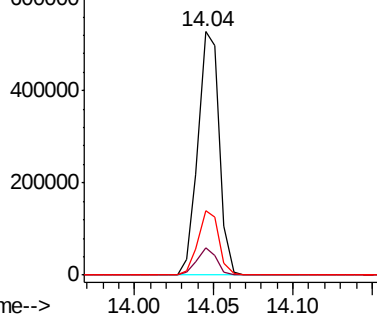
236 26.4 20.2 30.2

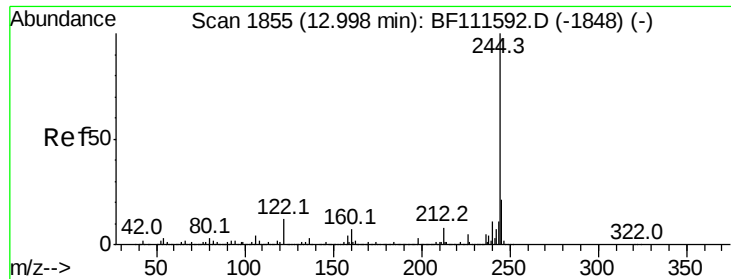


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 4.575 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

Instrument :

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ClientSampleId :

P001-SS024-1218-01

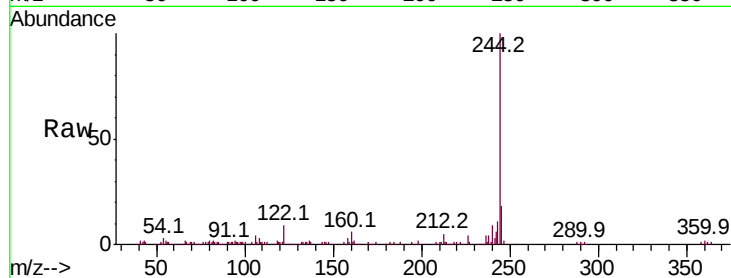
Tot Ion:244 Resp: 119397

Ion Ratio Lower Upper

244 100

212 5.5 5.7 8.5#

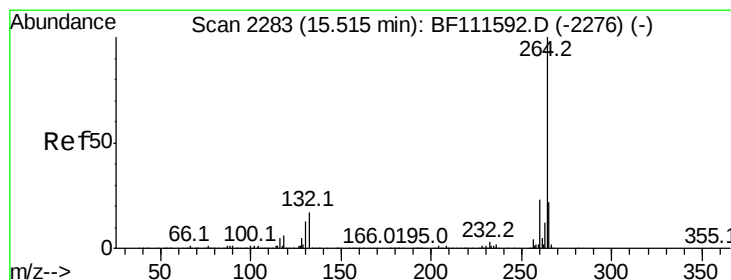
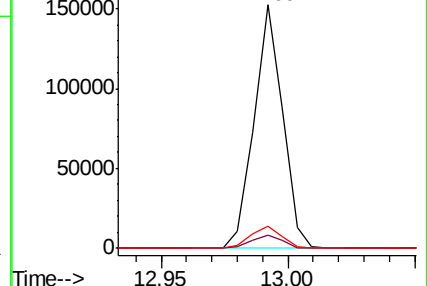
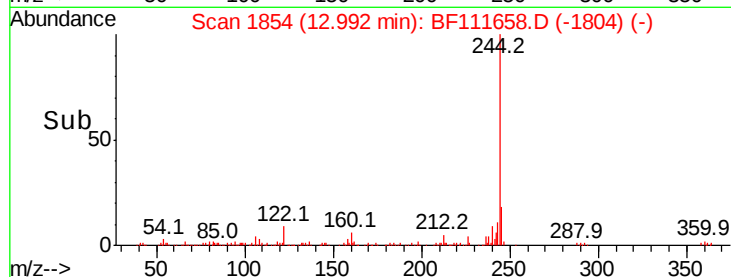
122 9.3 13.1 19.7#



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111658.D

Acq: 21 Dec 2018 00:13

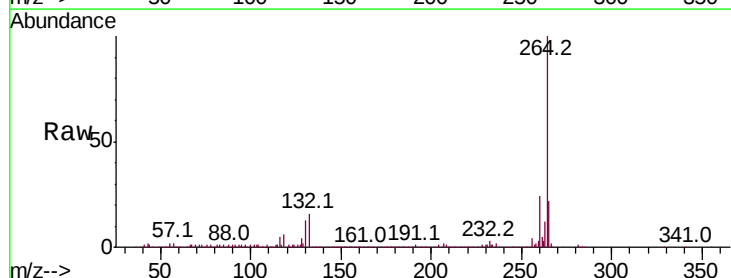
Tgt Ion:264 Resp: 375943

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 22.1 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

