

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111660.D
 Acq On : 21 Dec 2018 1:09
 Operator : JU/SJ
 Sample : J6447-06 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-0006-01

Quant Time: Dec 21 07:30:08 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	196038	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	713723	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	315908	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	488070	20.00	ng	0.00
76) Chrysene-d12	14.04	240	486838	20.00	ng	0.00
87) Perylene-d12	15.52	264	372755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	104809	9.11	ng	-0.01
7) Phenol-d6	6.51	99	130950	8.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	75358	6.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	25565	6.85	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	146129	6.74	ng	0.00
79) Terphenyl-d14	12.99	244	120802	4.71	ng	0.00

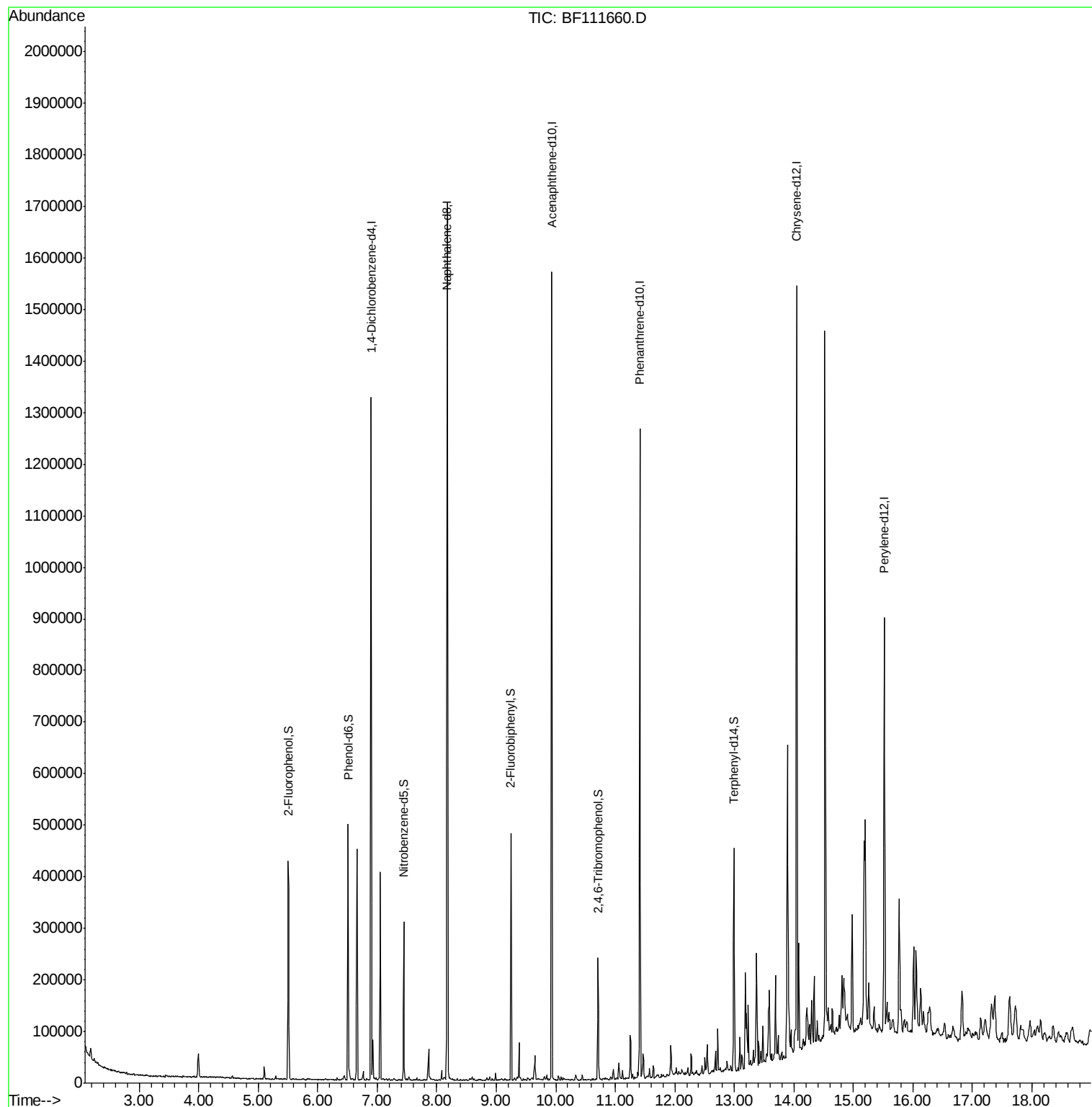
Target Compounds Qvalue

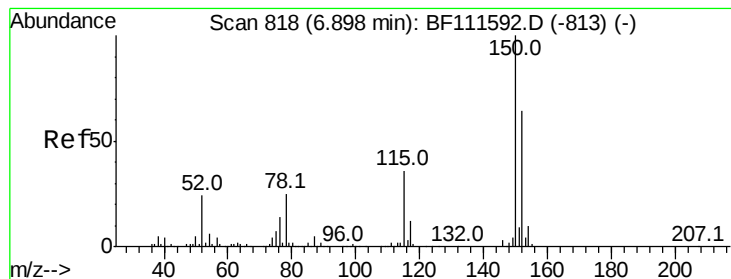
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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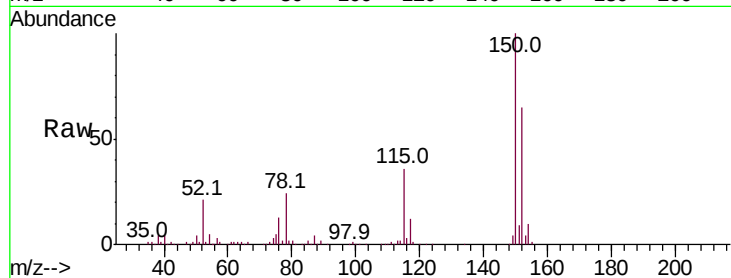


#1

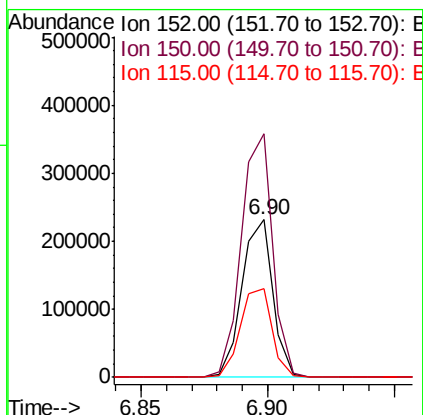
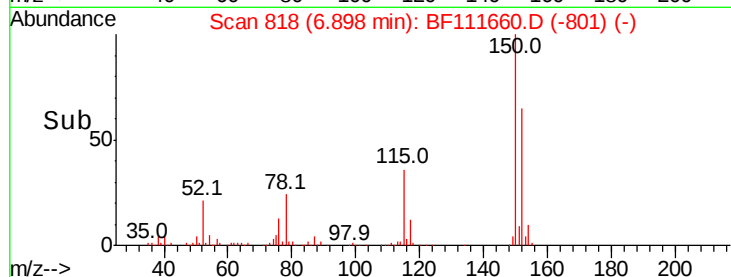
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111660.D
Acq: 21 Dec 2018 1:09

Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

Tot Ion:152 Resp: 196038
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 55.9 50.7 76.1



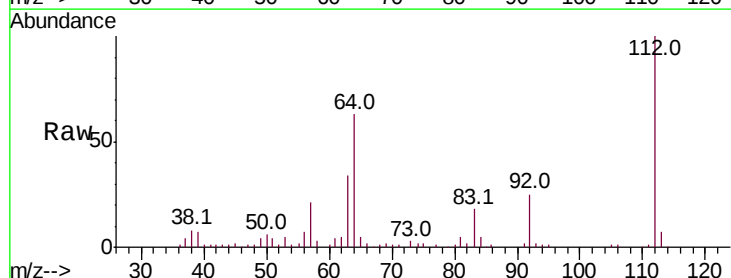
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



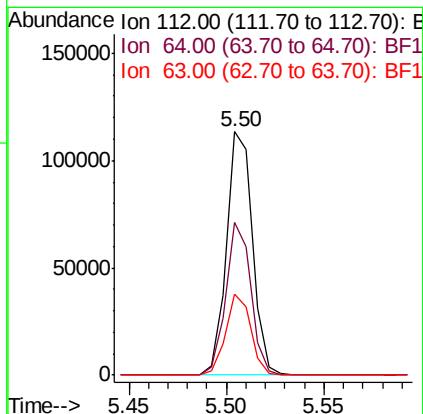
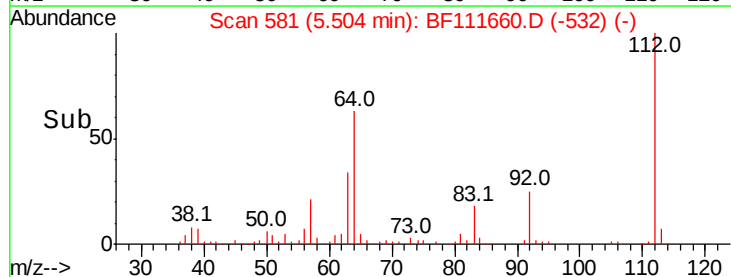
#5

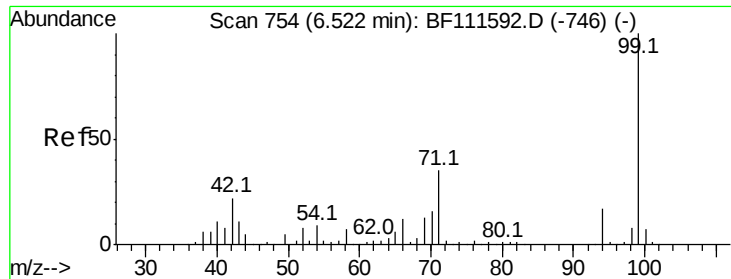
2-Fluorophenol
Concen: 9.113 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF111660.D
Acq: 21 Dec 2018 1:09

Tgt Ion:112 Resp: 104809
Ion Ratio Lower Upper
112 100
64 62.6 51.8 77.6
63 33.5 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: 8.947 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111660.D

Acq: 21 Dec 2018 1:09

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0006-01

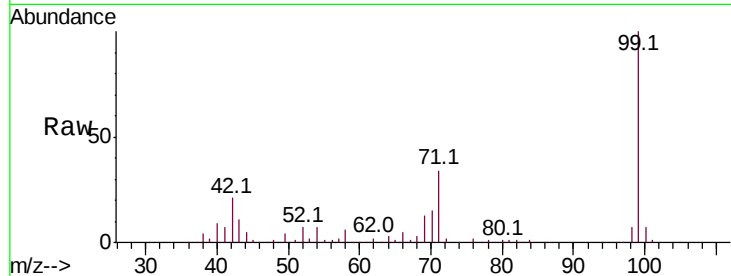
Tot Ion: 99 Resp: 130950

Ion Ratio Lower Upper

99 100

42 21.4 17.4 26.0

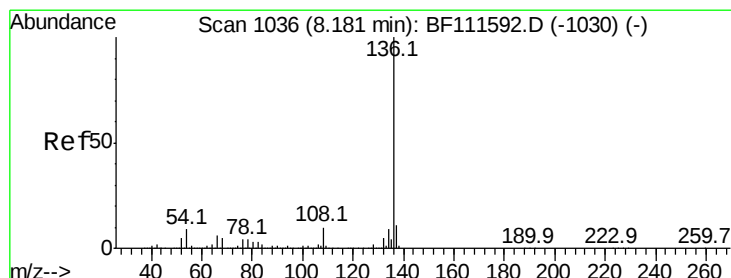
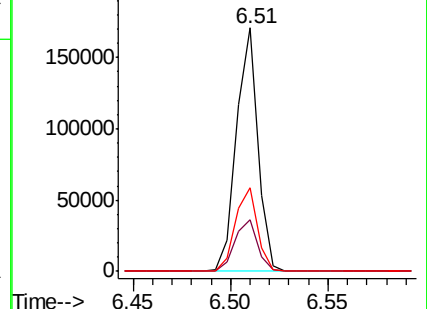
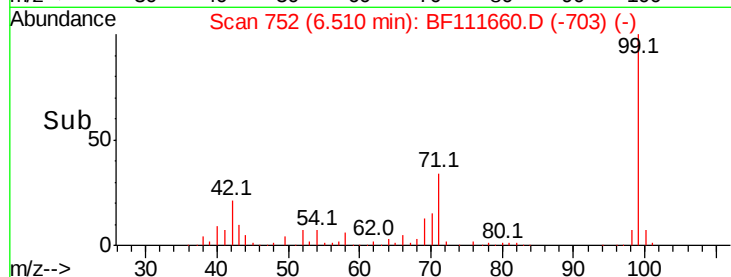
71 34.4 26.1 39.1



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: BF111660.D

Acq: 21 Dec 2018 1:09

Tgt Ion: 136 Resp: 713723

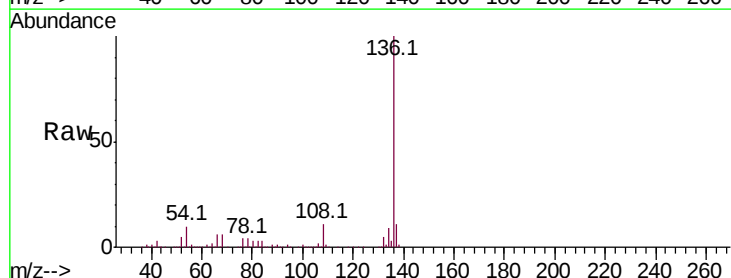
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.8 7.7 11.5

68 6.0 4.9 7.3

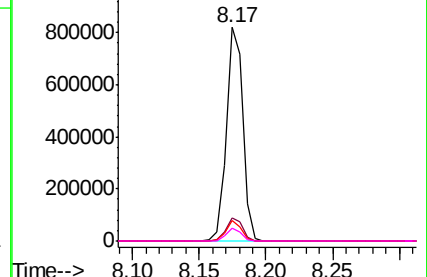
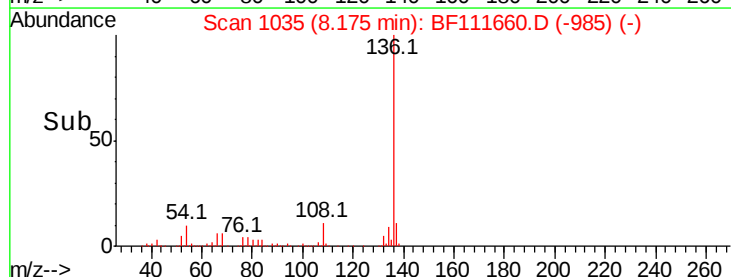


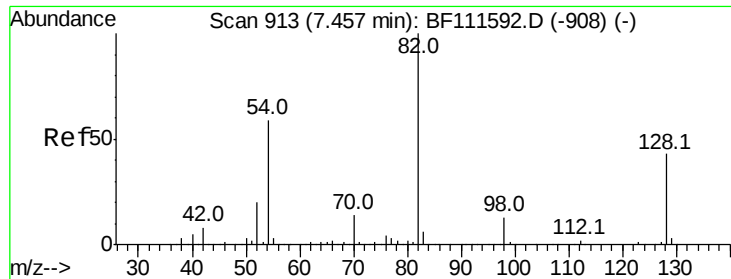
Abundance Ion 136.00 (135.70 to 136.70): E

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

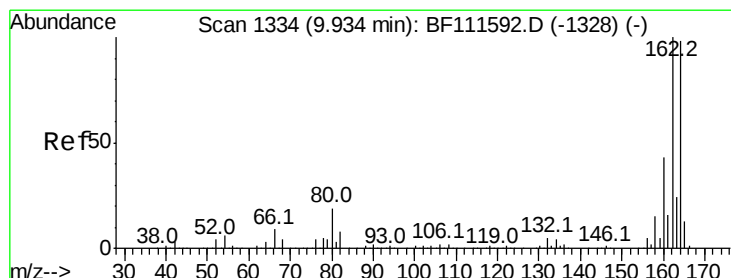
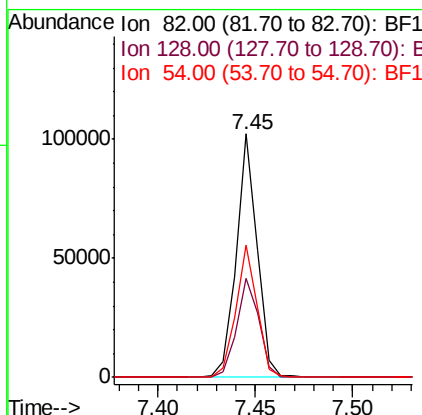
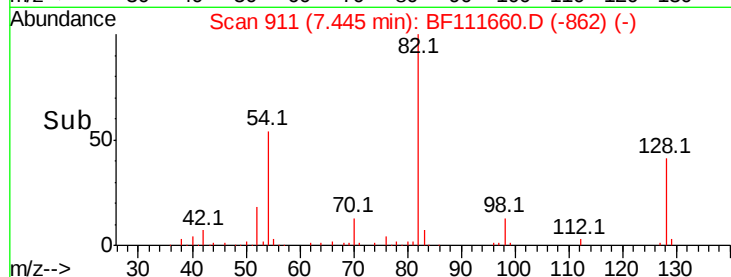
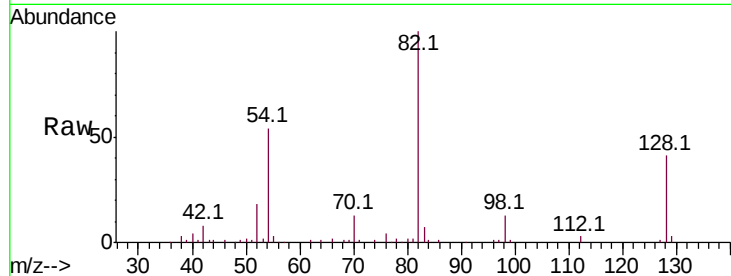




#23
Nitrobenzene-d5
Concen: 6.146 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111660.D
Acq: 21 Dec 2018 1:09

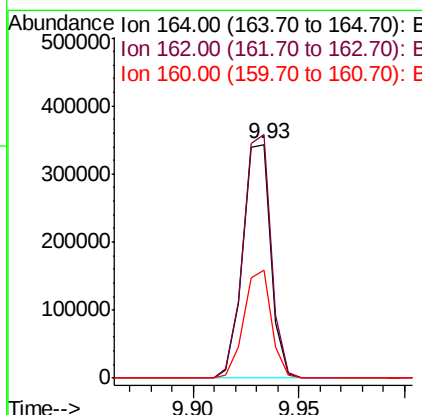
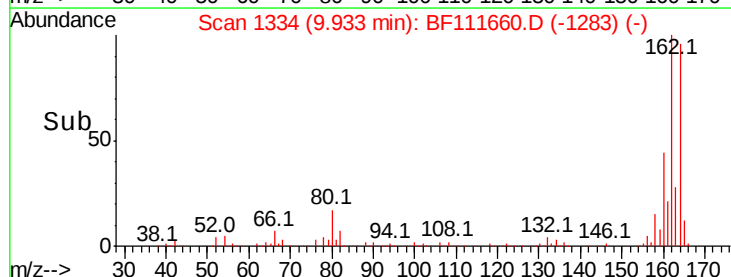
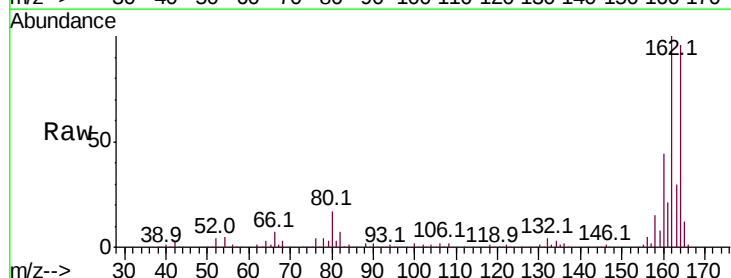
Instrument :
BNA_F
ClientSampleId :
P001-SS025-0006-01

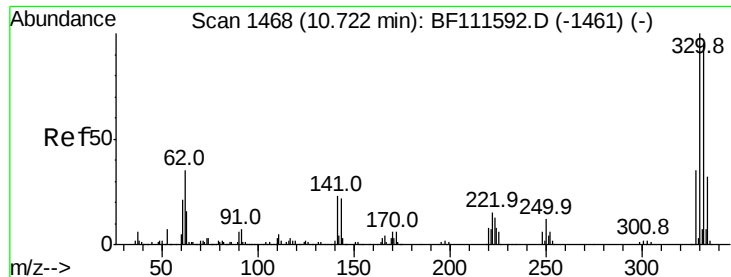
Tot Ion: 82 Resp: 75358
Ion Ratio Lower Upper
82 100
128 40.8 37.4 56.2
54 54.4 47.6 71.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111660.D
Acq: 21 Dec 2018 1:09

Tgt Ion:164 Resp: 315908
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 46.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 6.849 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111660.D

Acq: 21 Dec 2018 1:09

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0006-01

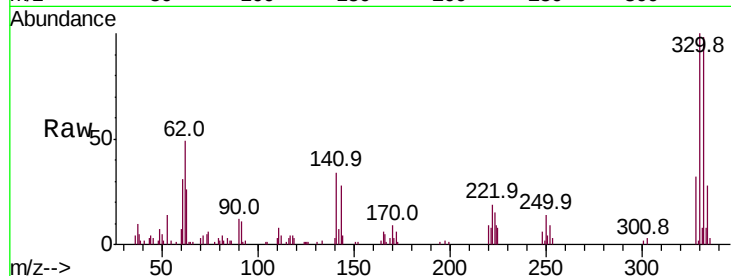
Tot Ion:330 Resp: 25565

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

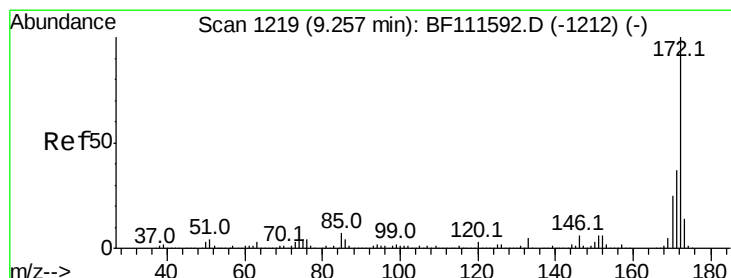
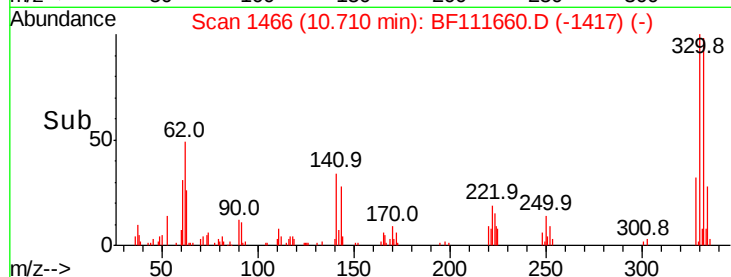
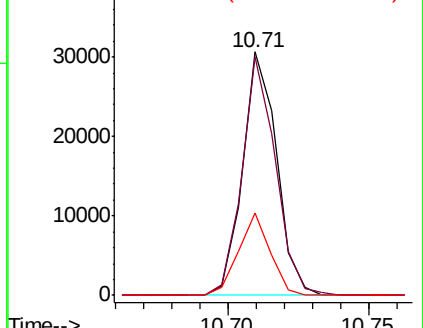
141 31.3 31.0 46.6



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: 6.742 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111660.D

Acq: 21 Dec 2018 1:09

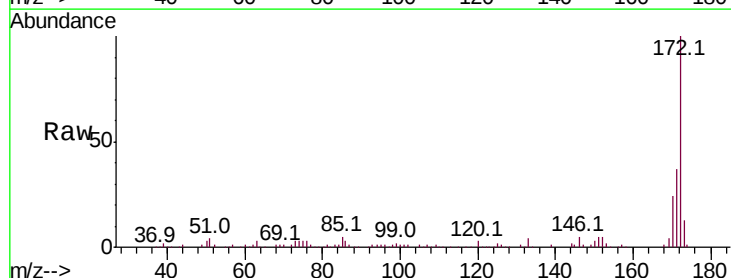
Tgt Ion:172 Resp: 146129

Ion Ratio Lower Upper

172 100

171 36.6 33.0 49.4

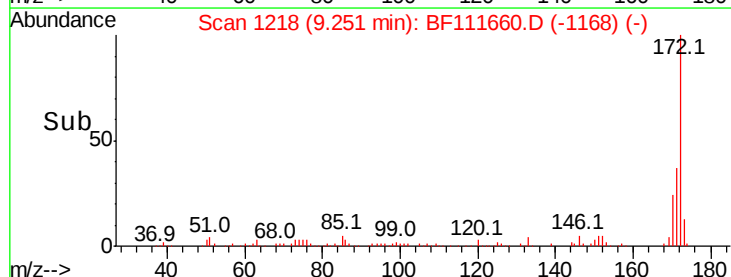
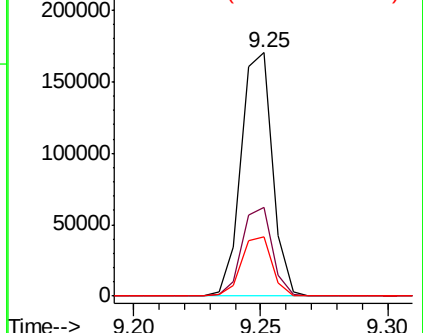
170 24.1 22.3 33.5

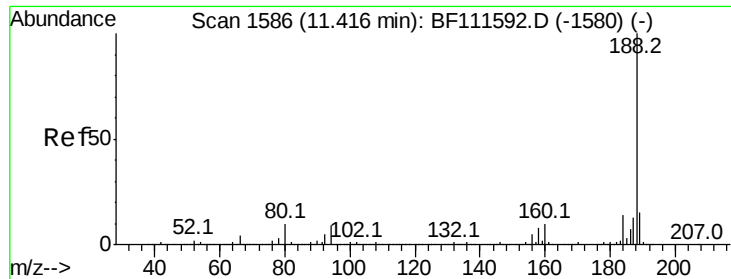


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

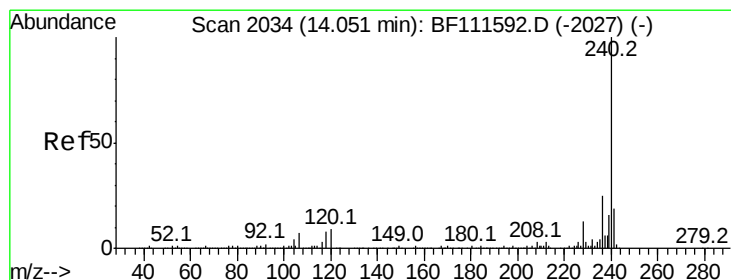
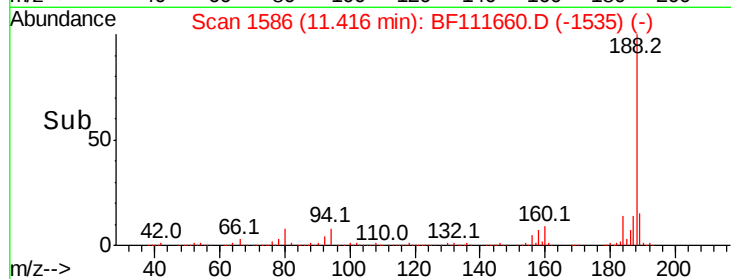
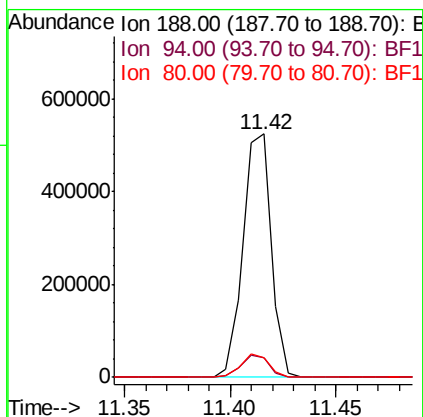
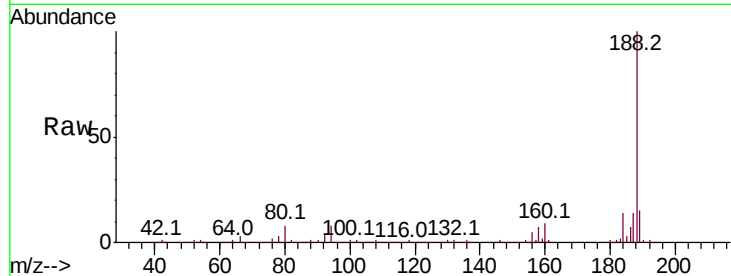




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111660.D
Acq: 21 Dec 2018 1:09

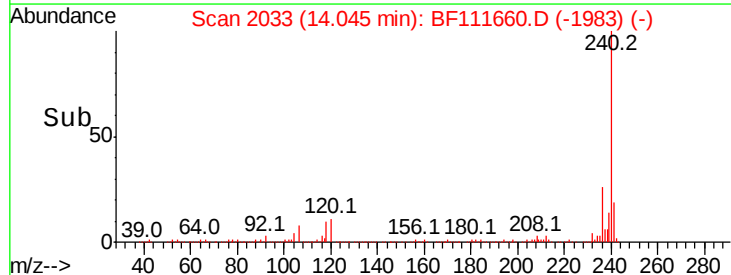
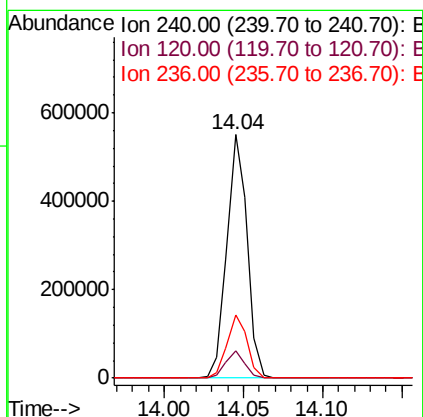
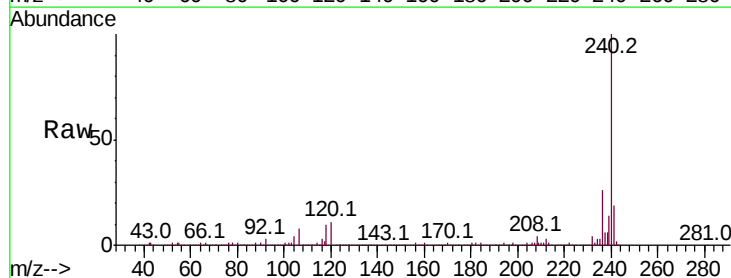
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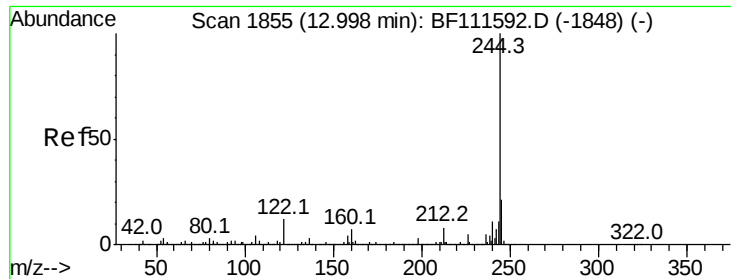
Tot Ion:188 Resp: 488070
Ion Ratio Lower Upper
188 100
94 7.9 9.6 14.4#
80 7.9 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111660.D
Acq: 21 Dec 2018 1:09

Tgt Ion:240 Resp: 486838
Ion Ratio Lower Upper
240 100
120 11.2 12.2 18.2#
236 26.1 20.2 30.2





#79

Terphenyl-d14

Concen: 4.706 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111660.D

Acq: 21 Dec 2018 1:09

Instrument :

BNA_F

ClientSampleId :

P001-SS025-0006-01

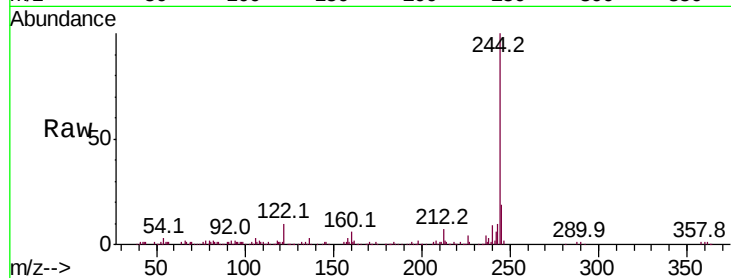
Tot Ion:244 Resp: 120802

Ion Ratio Lower Upper

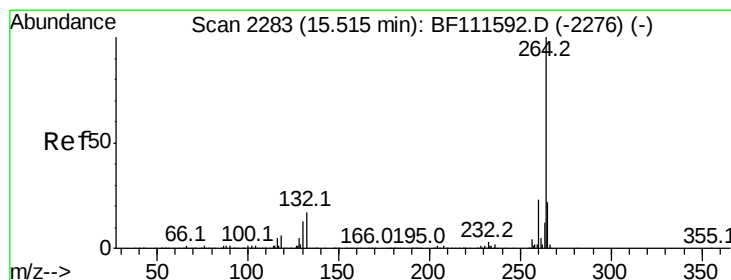
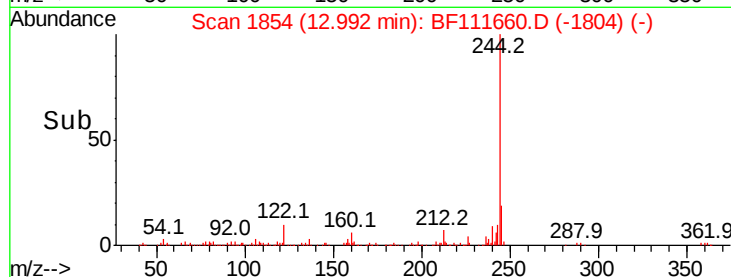
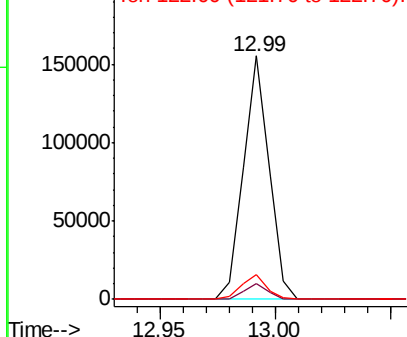
244 100

212 6.5 5.7 8.5

122 10.0 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: BF111660.D

Acq: 21 Dec 2018 1:09

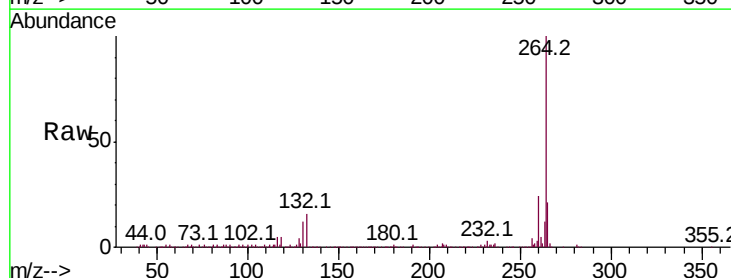
Tgt Ion:264 Resp: 372755

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.4 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

