

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106809.D
 Acq On : 26 Jun 2018 8:36
 Operator : JU/SJ
 Sample : J3689-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062118-TIPC-E-D-M

Quant Time: Jun 26 12:06:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45719	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	162939	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	71813	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	132557	20.00	ng	0.00
75) Chrysene-d12	14.15	240	122514	20.00	ng	-0.02
86) Perylene-d12	15.69	264	83229	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	116415	43.12	ng	0.00
7) Phenol-d6	6.60	99	88403	26.22	ng	-0.02
23) Nitrobenzene-d5	7.52	82	254976	86.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	75587	90.81	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	458503	112.91	ng	0.00
78) Terphenyl-d14	13.08	244	486560	96.20	ng	0.00

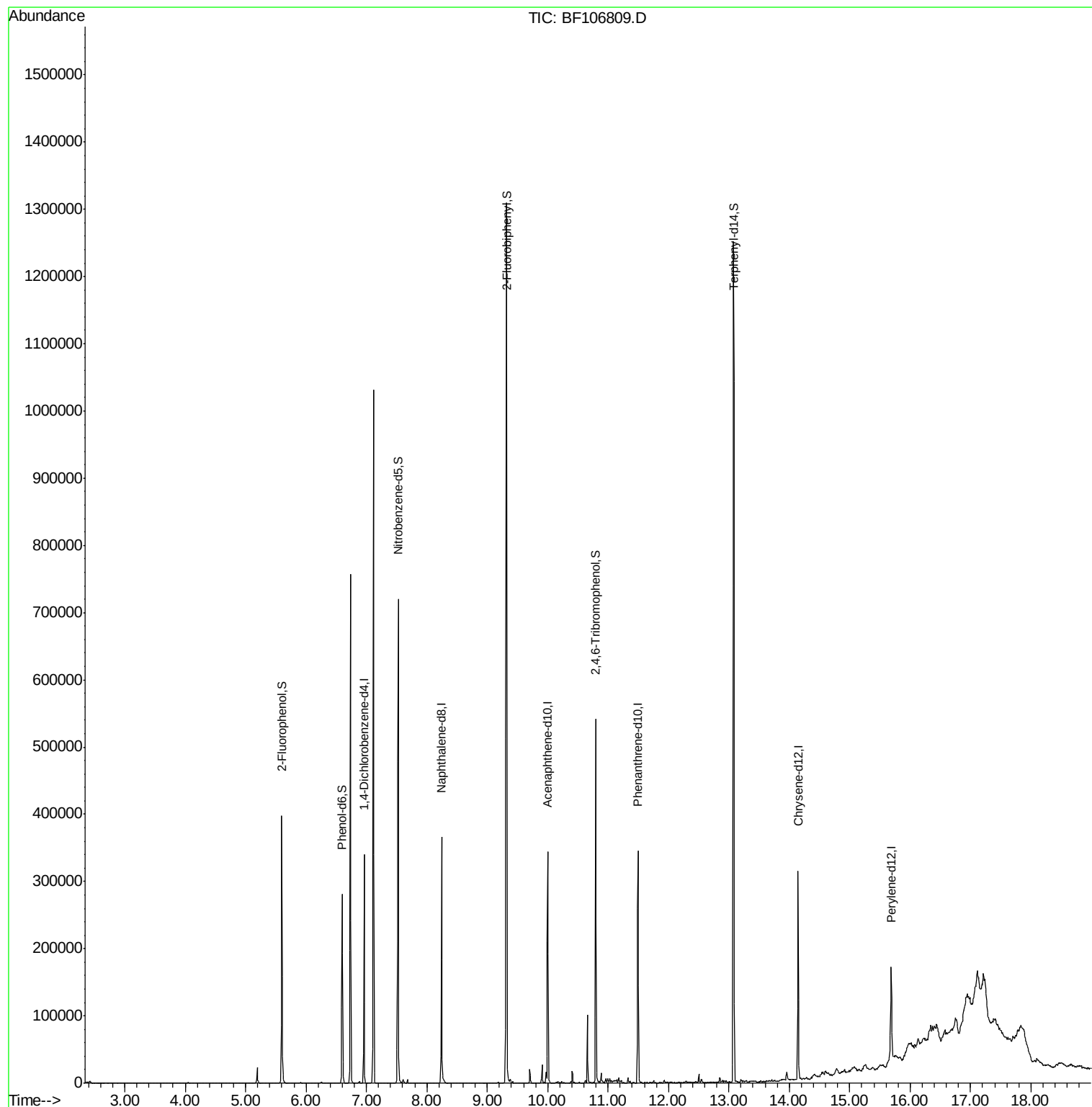
Target Compounds Qvalue

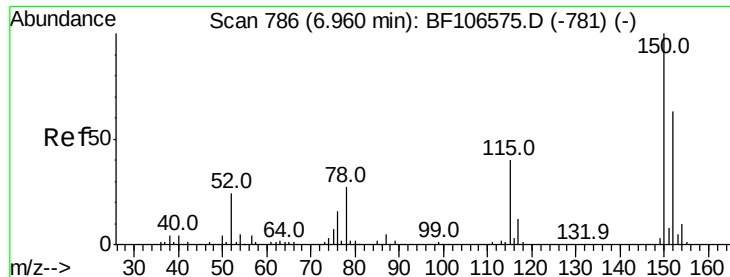
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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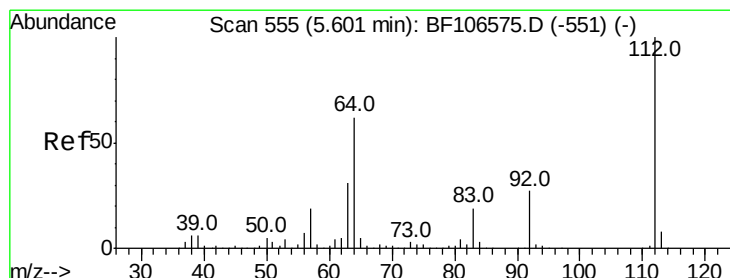
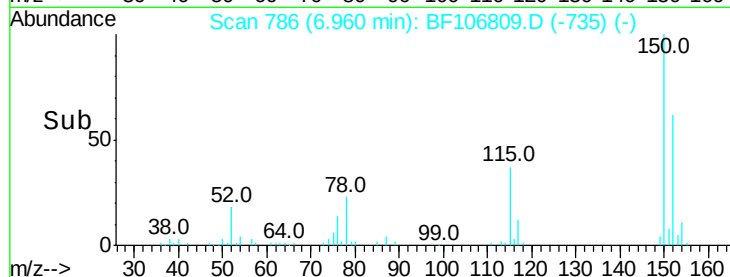
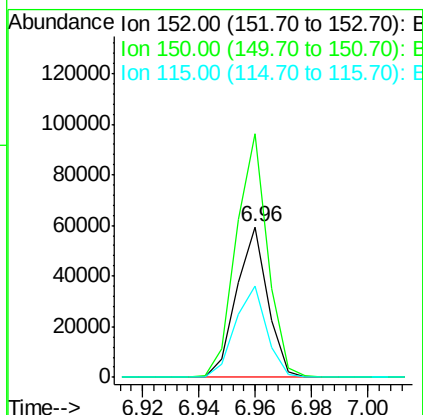
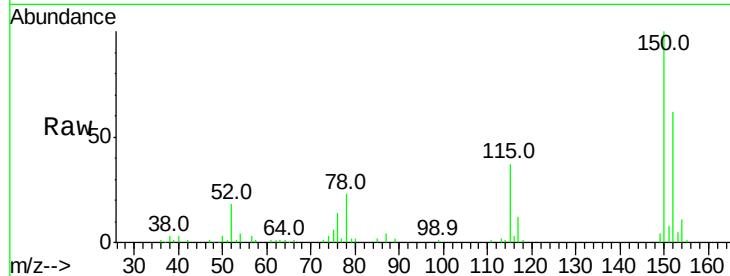


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106809.D
Acq: 26 Jun 2018 8:36

Instrument :
BNA_F
ClientSampleId :
062118-TIPC-E-D-M

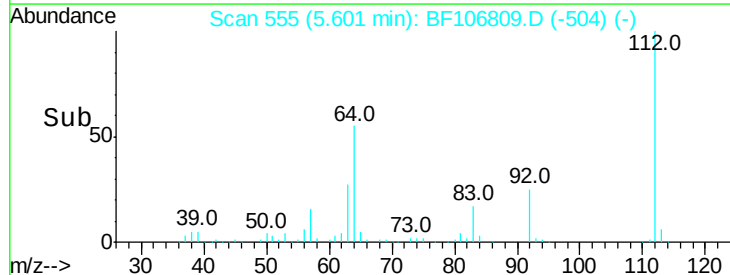
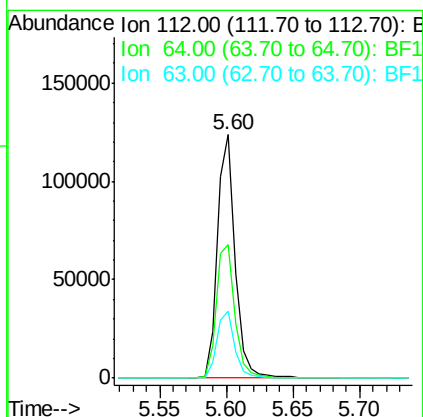
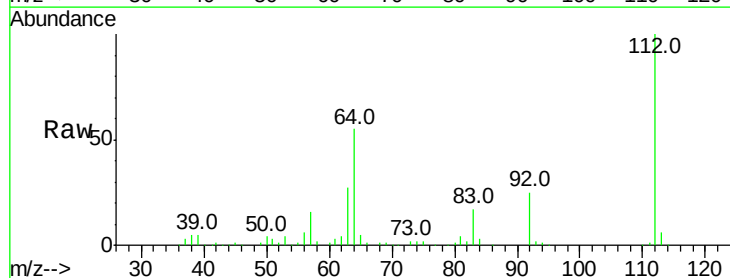
Tot Ion:152 Resp: 45719
Ion Ratio Lower Upper
152 100
150 161.5 124.6 186.8
115 60.5 50.1 75.1

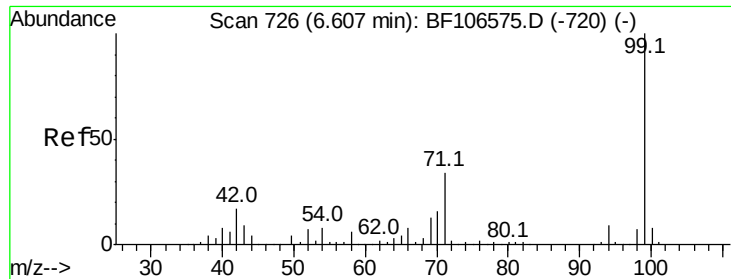


#5

2-Fluorophenol
Concen: 43.117 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106809.D
Acq: 26 Jun 2018 8:36

Tgt Ion:112 Resp: 116415
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 27.4 23.7 35.5





#7

Phenol-d6

Concen: 26.219 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106809.D

Acq: 26 Jun 2018 8:36

Instrument :

BNA_F

ClientSampleId :

062118-TIPC-E-D-M

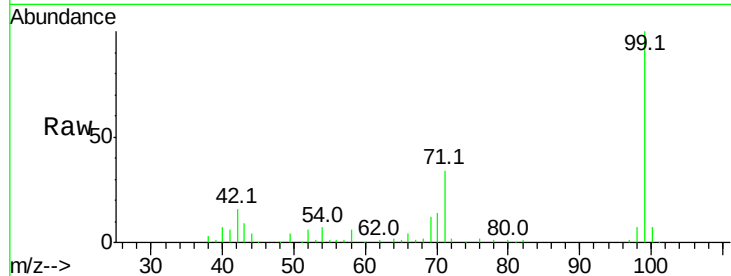
Tot Ion: 99 Resp: 88403

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

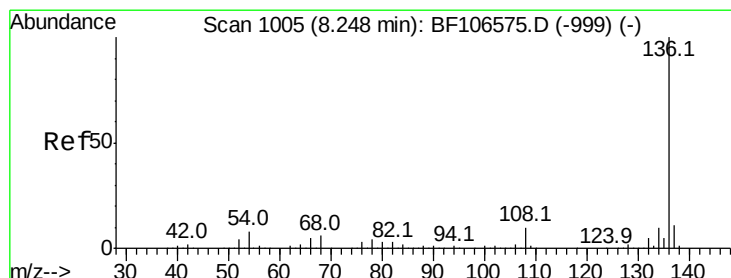
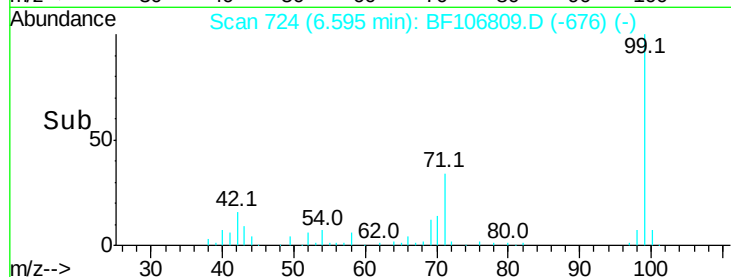
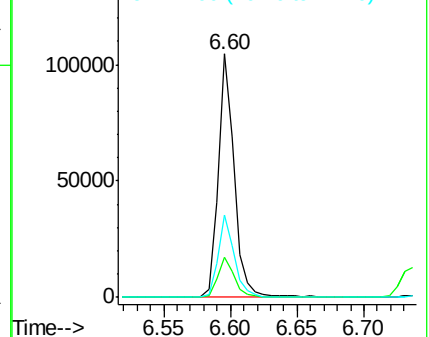
71 33.8 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106809.D

Acq: 26 Jun 2018 8:36

Tgt Ion: 136 Resp: 162939

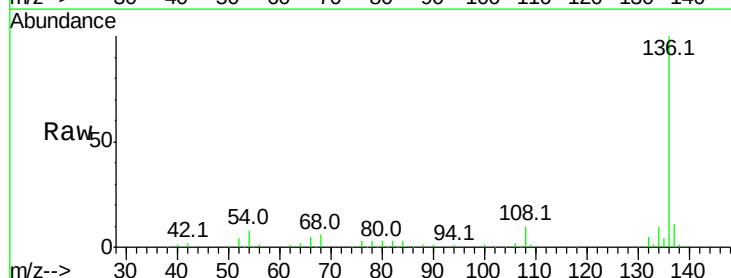
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.6 6.6 9.8

68 6.2 5.0 7.4

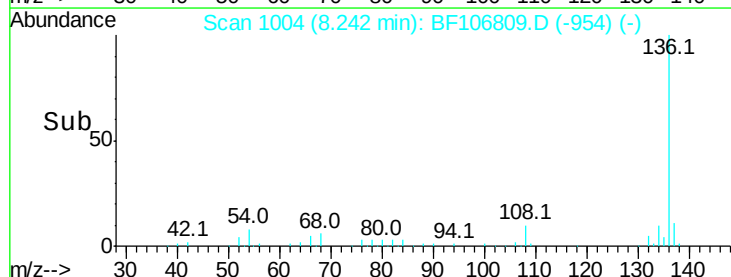
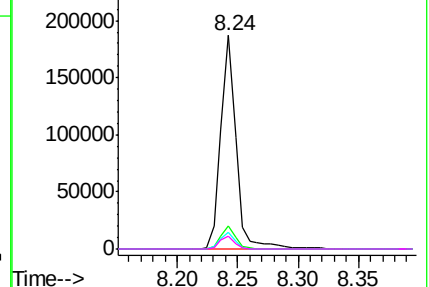


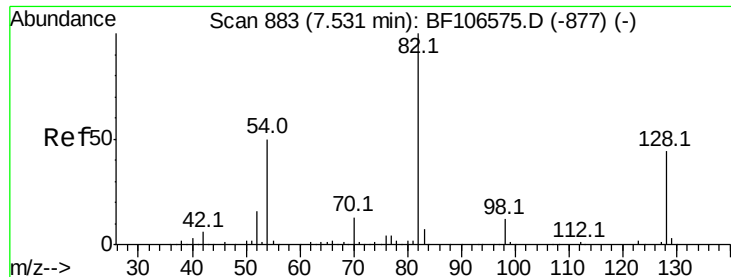
Abundance Ion 136.00 (135.70 to 136.70): E

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

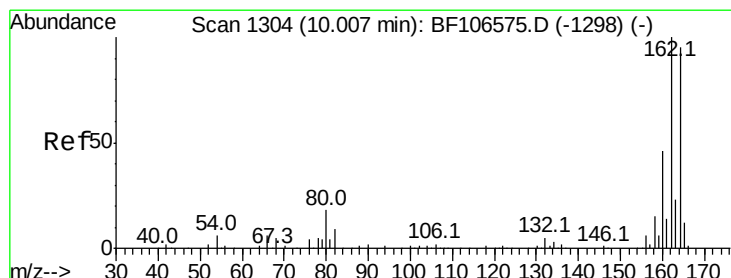
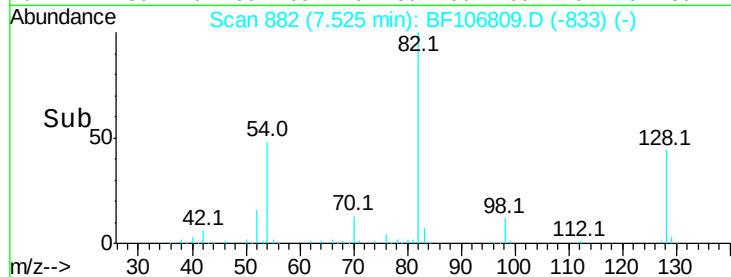
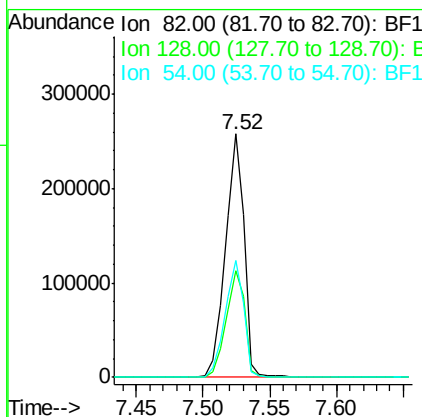
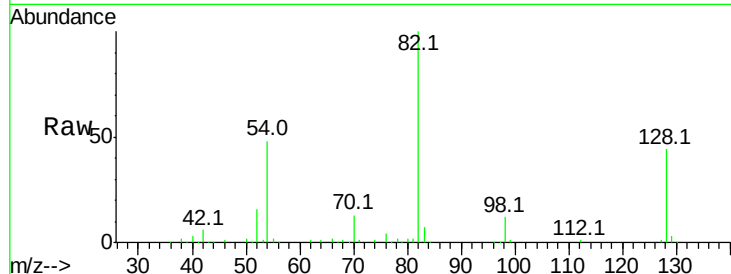




#23
 Nitrobenzene-d5
 Concen: 86.965 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106809.D
 Acq: 26 Jun 2018 8:36

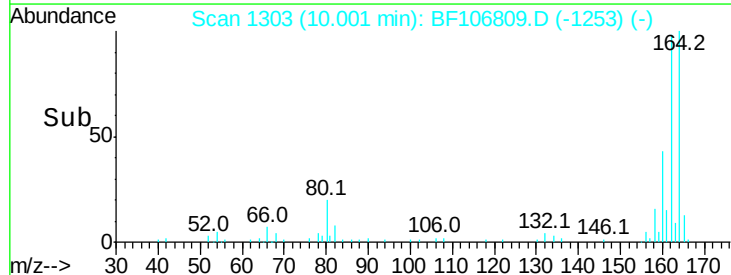
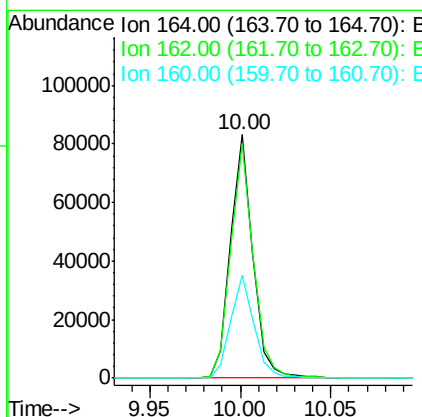
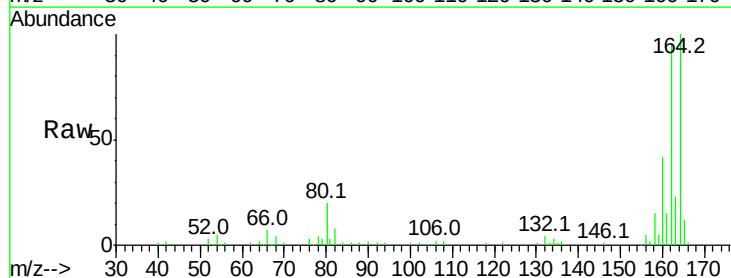
Instrument :
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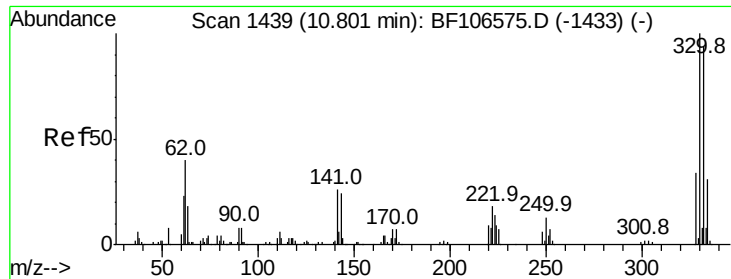
Tot Ion	82	Resp	254976
Ion Ratio	Lower	Upper	
82	100		
128	43.8	36.1	54.1
54	48.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106809.D
 Acq: 26 Jun 2018 8:36

Tgt Ion	164	Resp	71813
Ion Ratio	Lower	Upper	
164	100		
162	96.2	86.1	129.1
160	42.1	38.3	57.5

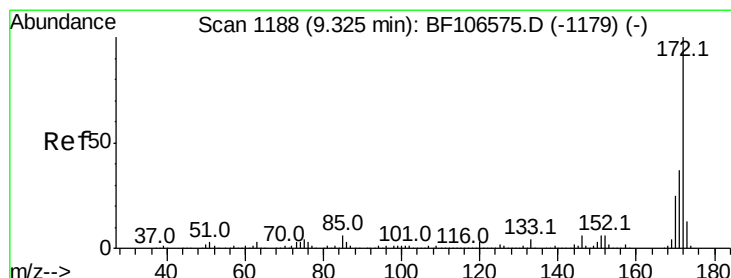
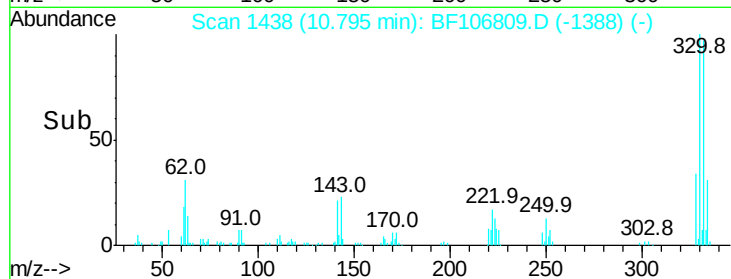
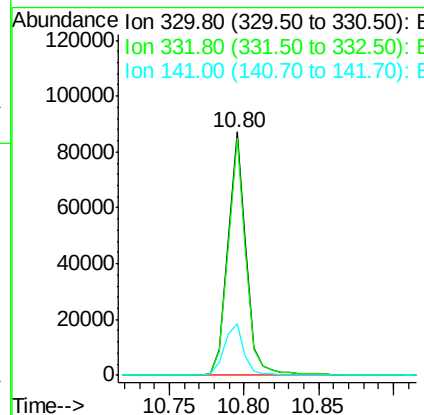
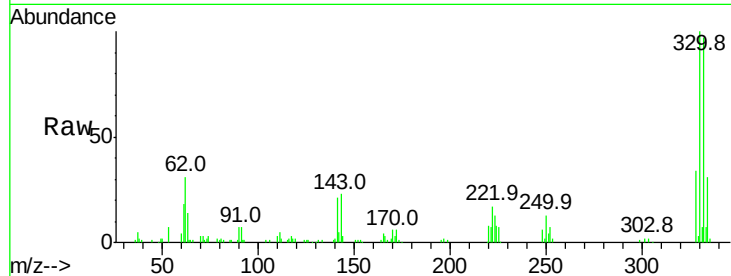




#41
 2,4,6-Tribromophenol
 Concen: 90.814 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106809.D
 Acq: 26 Jun 2018 8:36

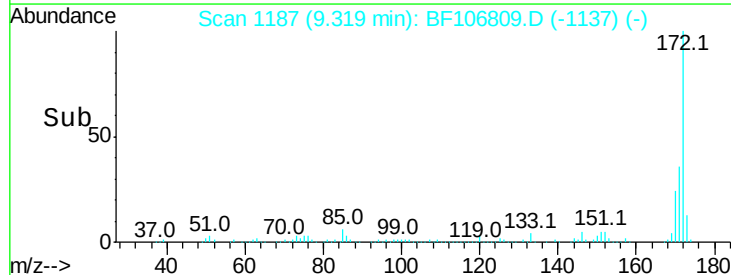
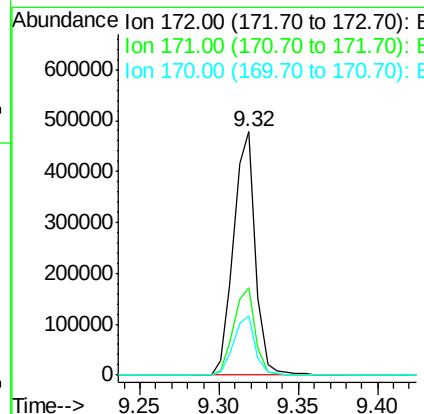
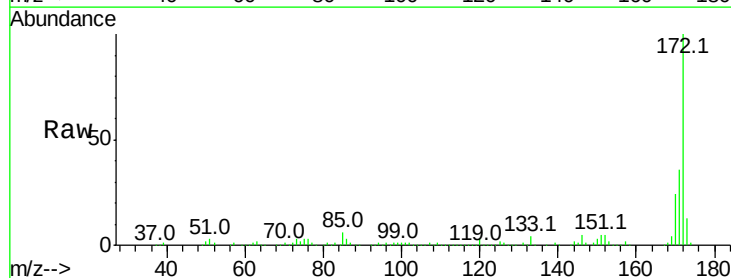
Instrument :
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 ClientSampleId :
 062118-TIPC-E-D-M

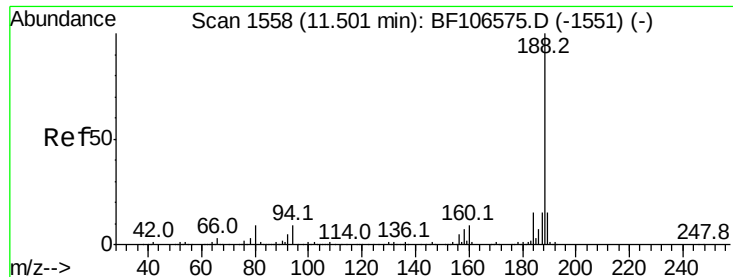
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	22.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 112.913 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106809.D
 Acq: 26 Jun 2018 8:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

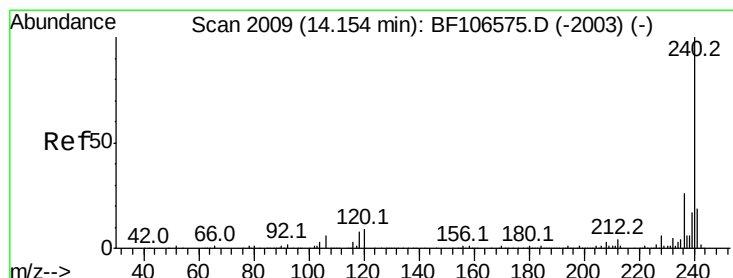
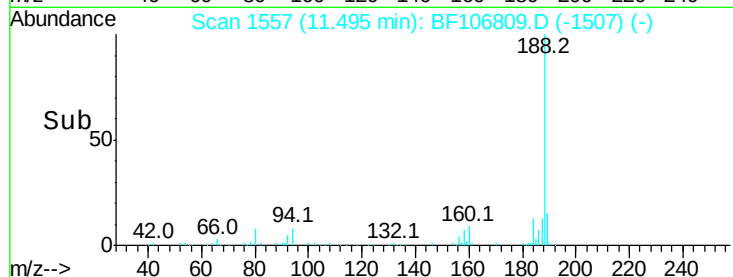
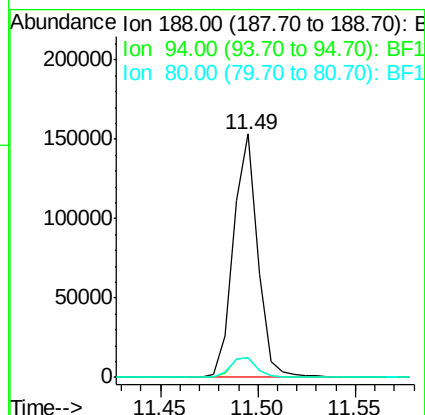
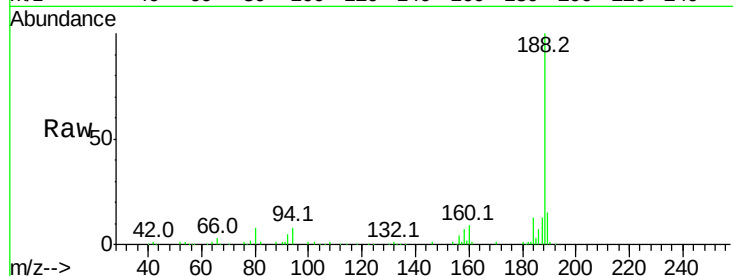




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106809.D
Acq: 26 Jun 2018 8:36

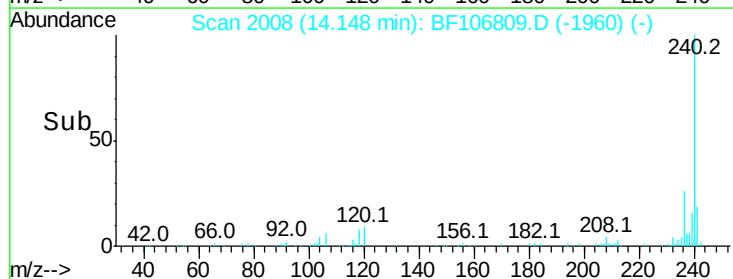
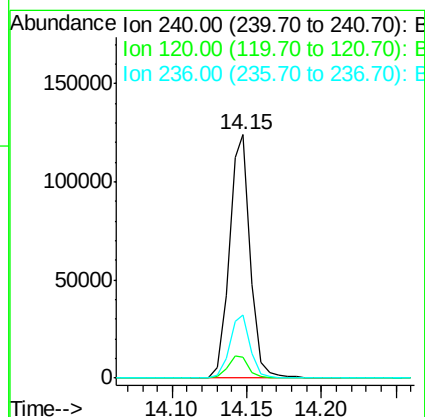
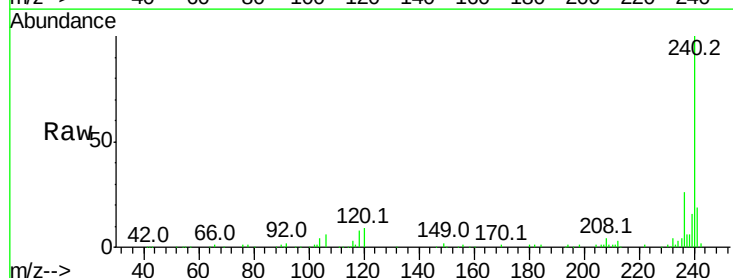
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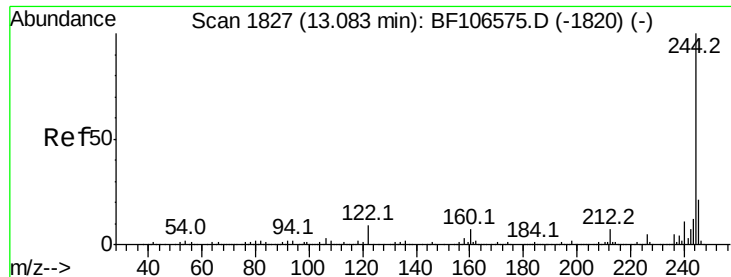
Tot Ion:188 Resp: 132557
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106809.D
Acq: 26 Jun 2018 8:36

Tgt Ion:240 Resp: 122514
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 96.201 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106809.D

Acq: 26 Jun 2018 8:36

Instrument :

BNA_F

ClientSampleId :

062118-TIPC-E-D-M

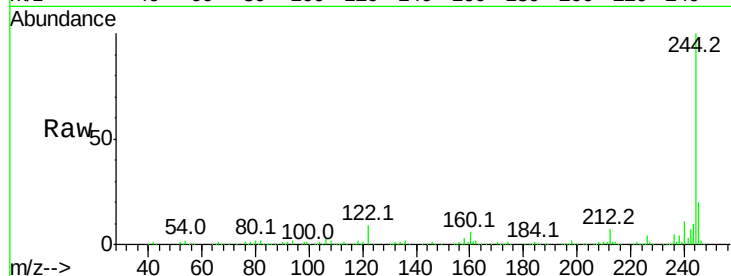
Tot Ion:244 Resp: 486560

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

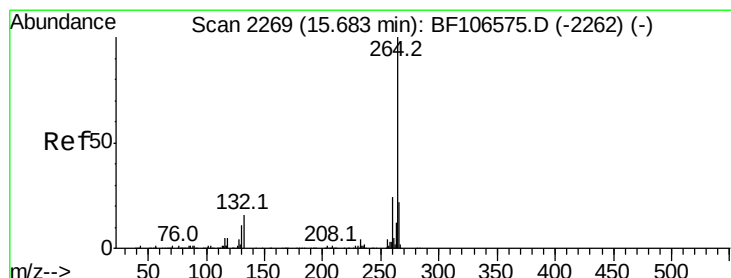
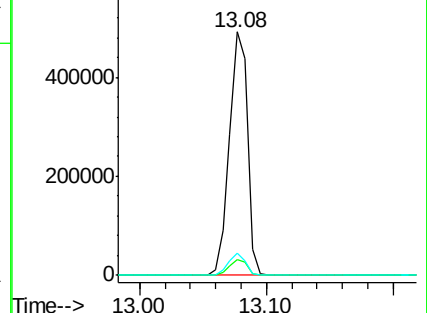
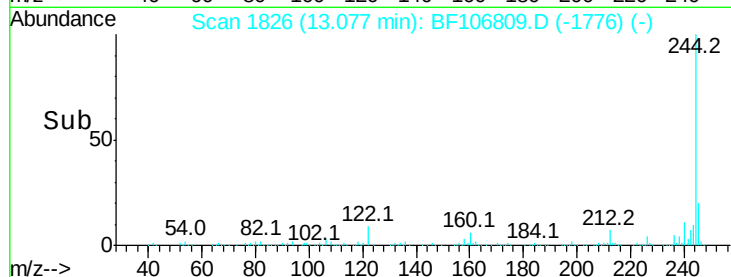
122 9.1 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF106809.D

Acq: 26 Jun 2018 8:36

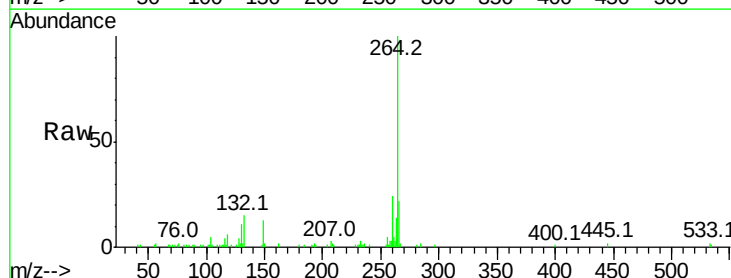
Tgt Ion:264 Resp: 83229

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.7 17.5 26.3



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

