

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107049.D
 Acq On : 2 Jul 2018 17:28
 Operator : JU/SJ
 Sample : J3629-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-04

Quant Time: Jul 03 01:36:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61547	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	235863	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	100848	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	186107	20.00	ng	0.00
75) Chrysene-d12	14.15	240	158339	20.00	ng	-0.01
86) Perylene-d12	15.71	264	103695	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	54150	14.90	ng	0.00
7) Phenol-d6	6.61	99	64584	14.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	34415	8.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	16096	13.77	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	89650	0.36	ng	-0.01
78) Terphenyl-d14	13.08	244	101839	15.58	ng	0.00

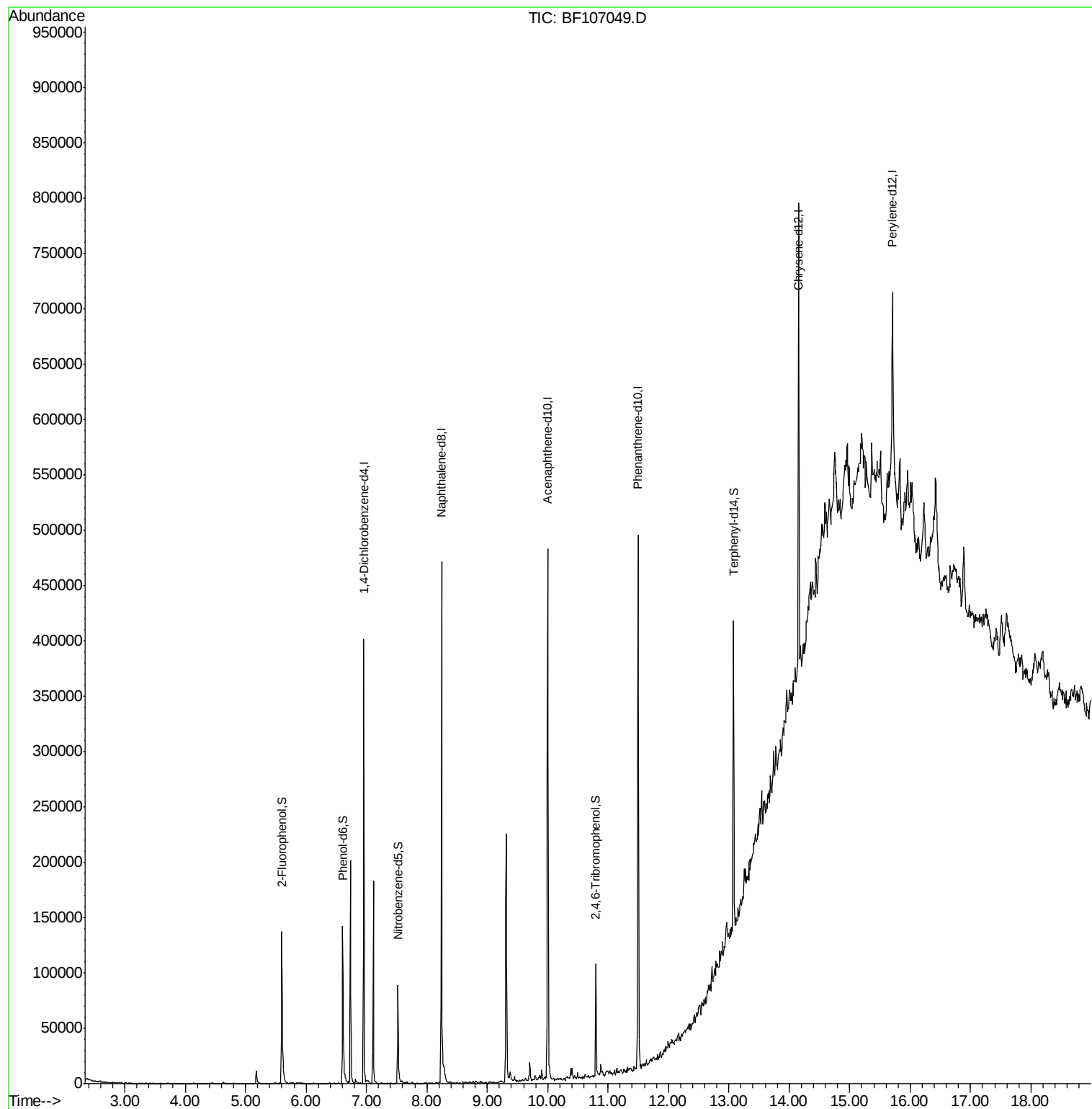
Target Compounds Qvalue

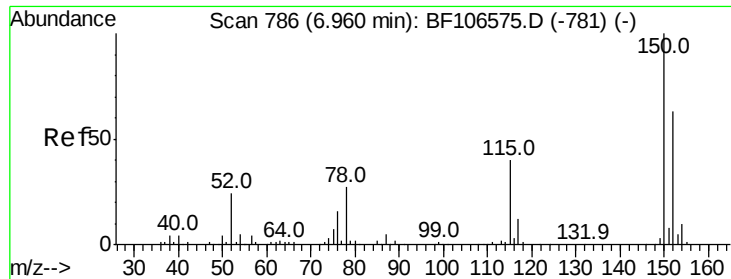
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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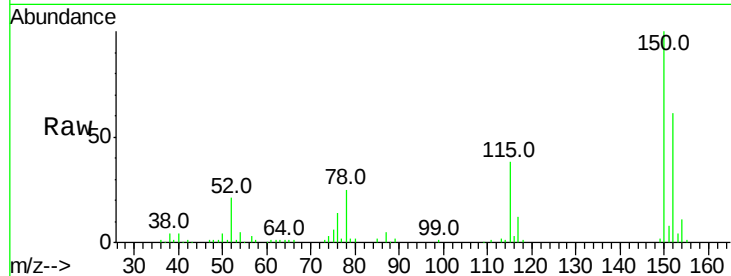


#1

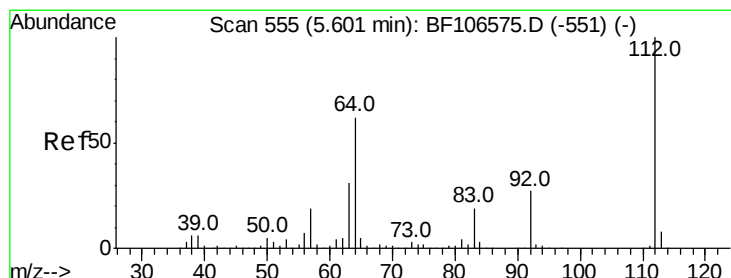
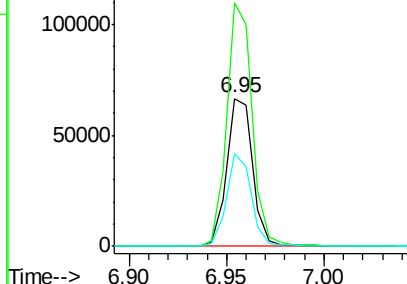
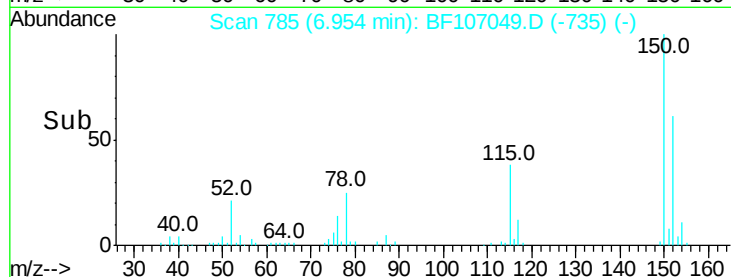
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107049.D
Acq: 2 Jul 2018 17:28

Instrument :
BNA_F
ClientSampleID :
A0C10-04

Tot Ion:152 Resp: 61547
Ion Ratio Lower Upper
152 100
150 164.5 124.6 186.8
115 62.4 50.1 75.1



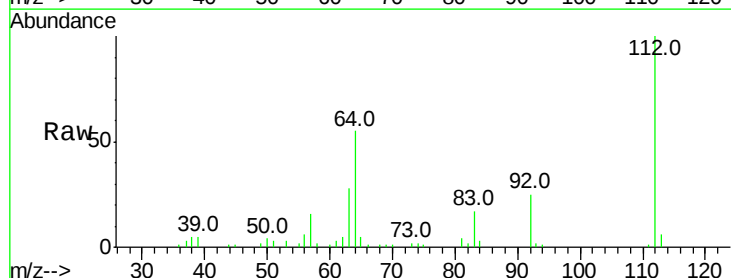
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



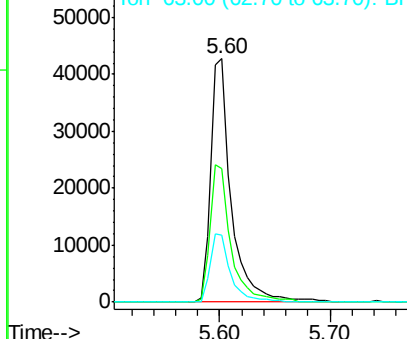
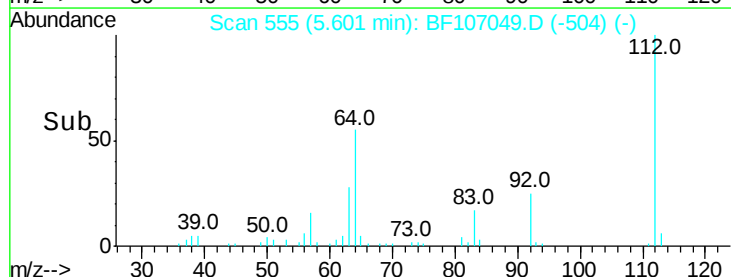
#5

2-Fluorophenol
Concen: 14.898 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF107049.D
Acq: 2 Jul 2018 17:28

Tgt Ion:112 Resp: 54150
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 27.6 23.7 35.5



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: 14.229 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

Instrument :

BNA_F

ClientSampleId :

A0C10-04

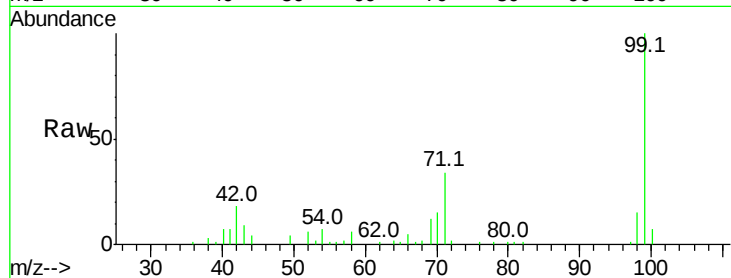
Tot Ion: 99 Resp: 64584

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

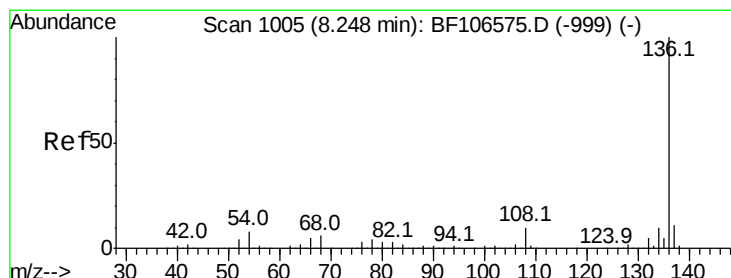
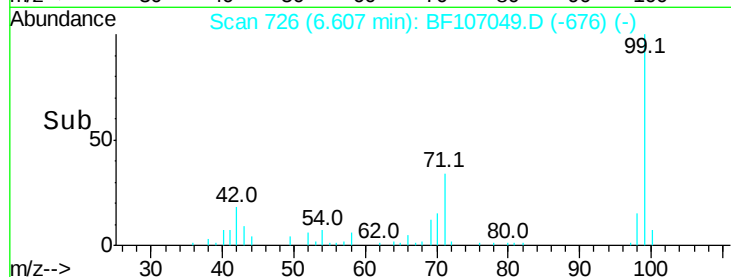
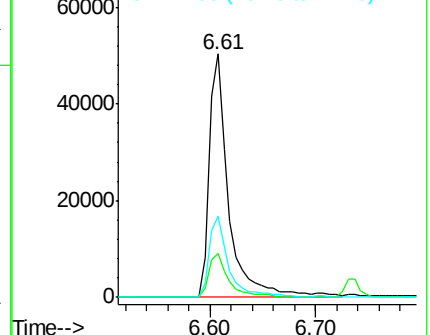
71 33.5 25.4 38.0



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: BF107049.D

Acq: 2 Jul 2018 17:28

Tgt Ion: 136 Resp: 235863

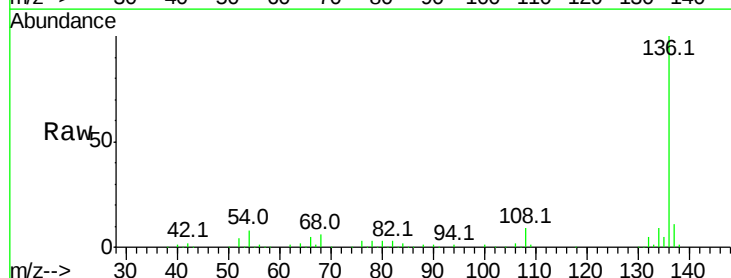
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.7 6.6 9.8

68 5.9 5.0 7.4

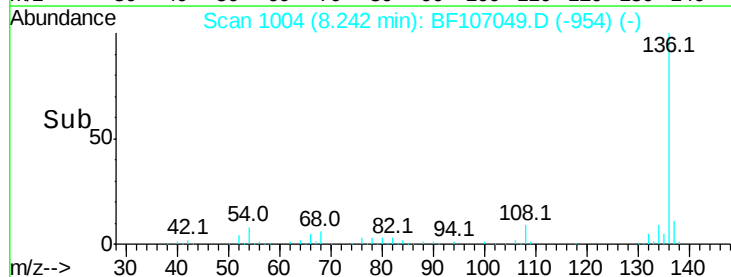
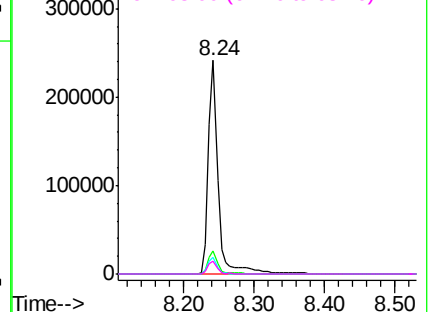


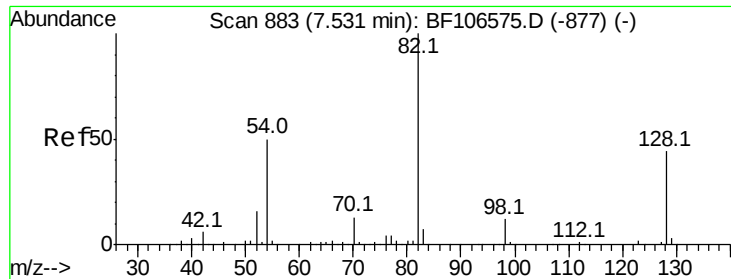
Abundance Ion 136.00 (135.70 to 136.70): E

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

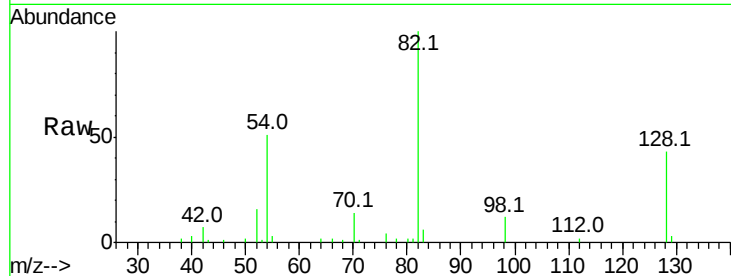




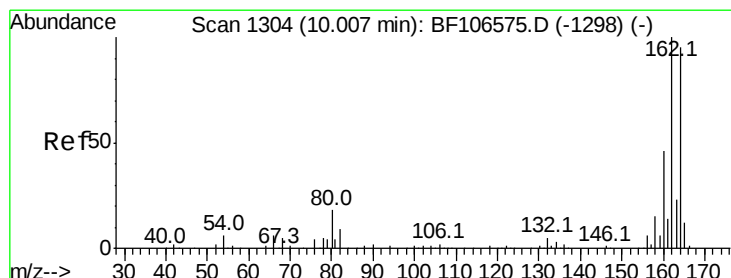
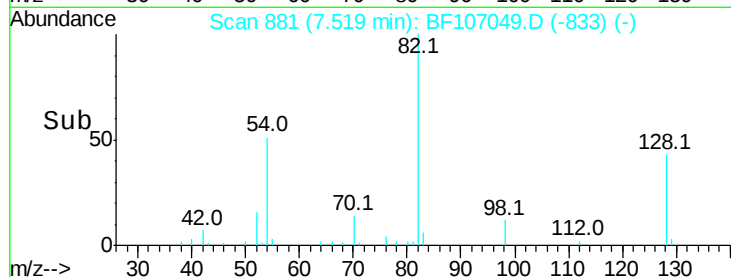
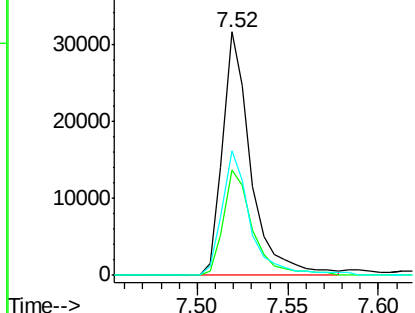
#23
 Nitrobenzene-d5
 Concen: 8.109 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-04

Tot Ion: 82 Resp: 34415
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 51.1 41.4 62.2

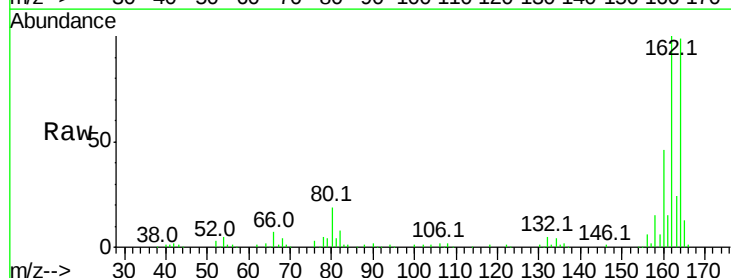


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

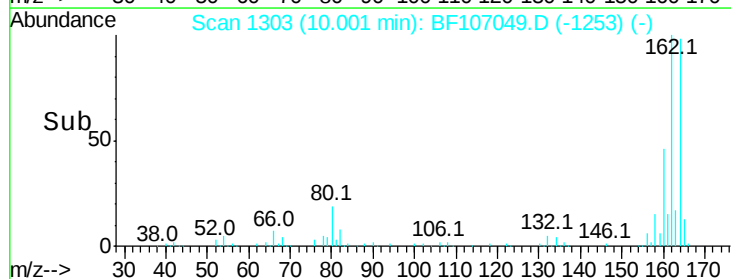
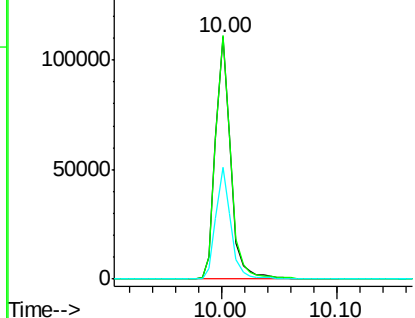


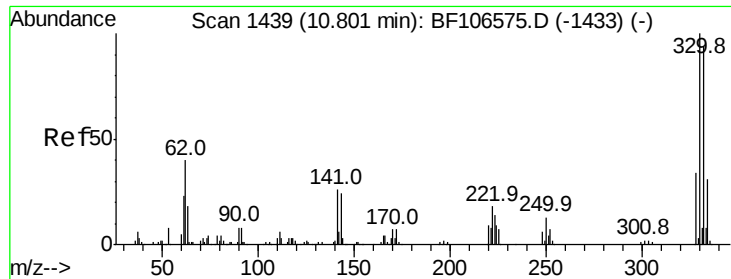
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Tgt Ion:164 Resp: 100848
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

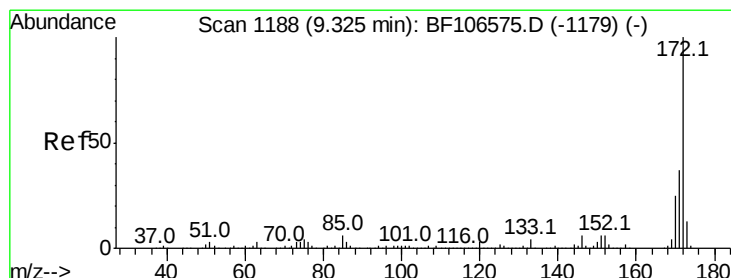
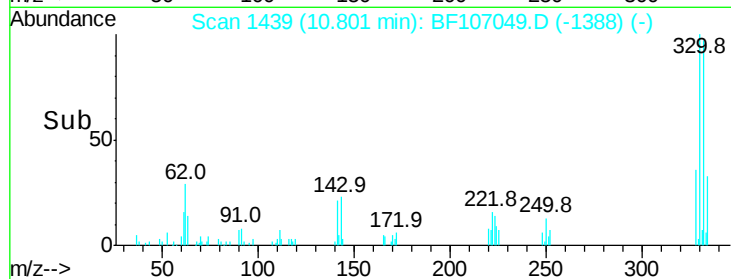
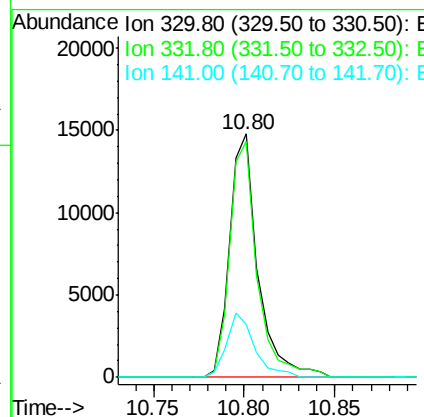
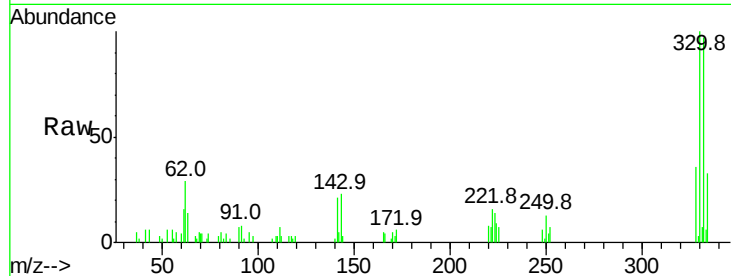




#41
 2,4,6-Tribromophenol
 Concen: 13.771 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

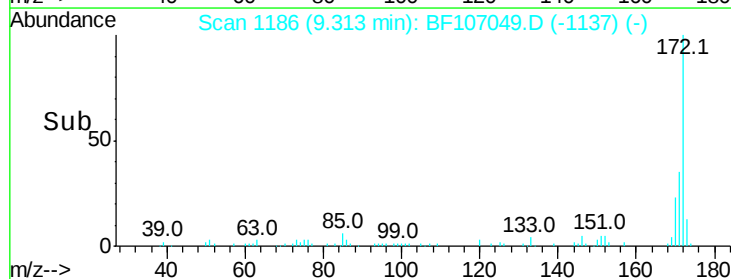
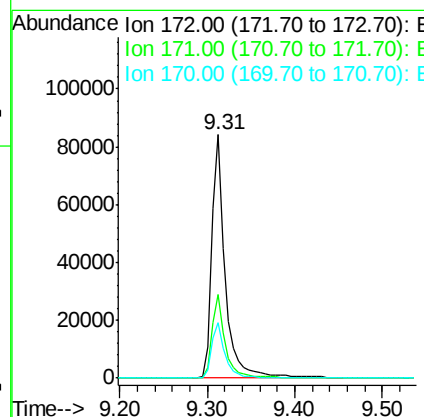
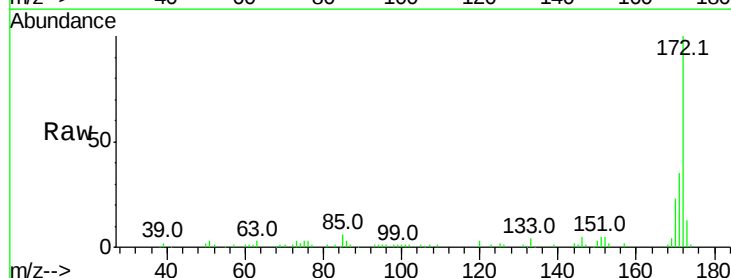
Instrument :
 BNA_F
 ClientSampleId :
 A0C10-04

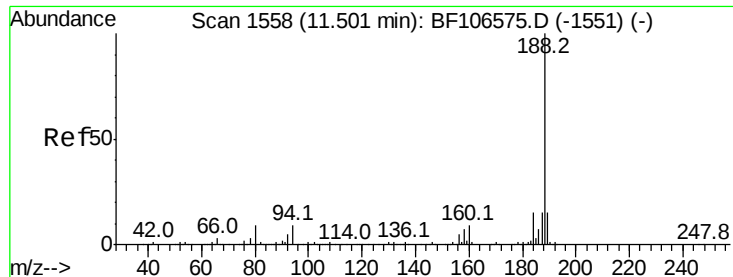
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	25.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 0.358 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107049.D
 Acq: 2 Jul 2018 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	22.6	19.6	29.4

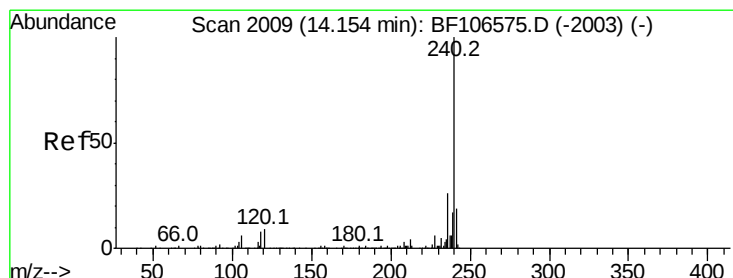
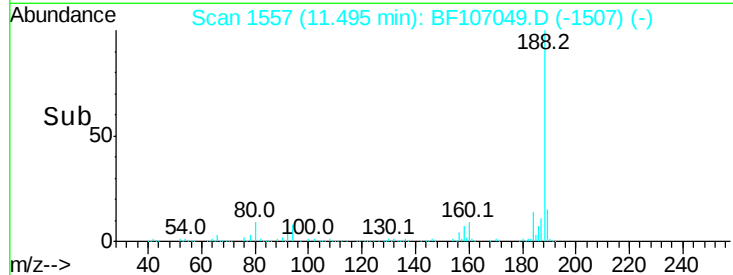
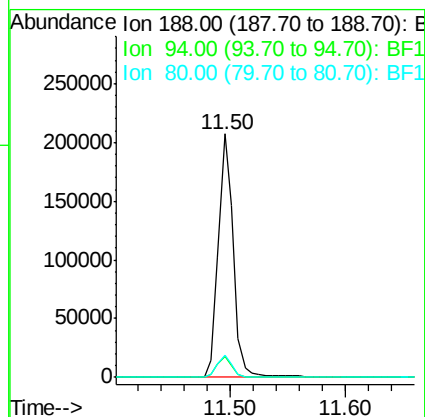
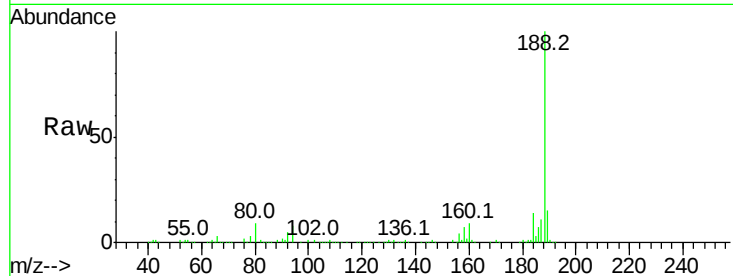




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107049.D
Acq: 2 Jul 2018 17:28

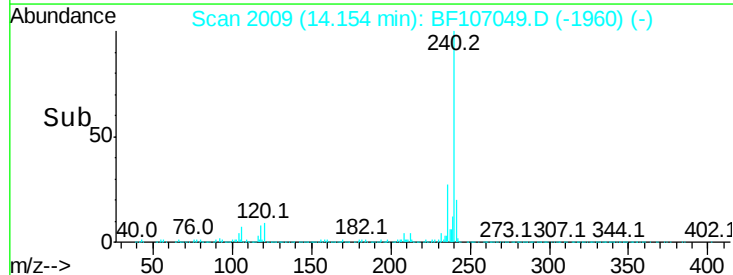
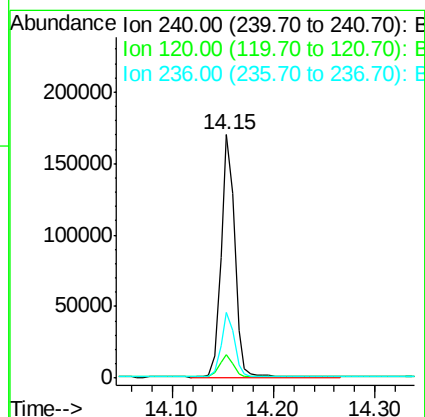
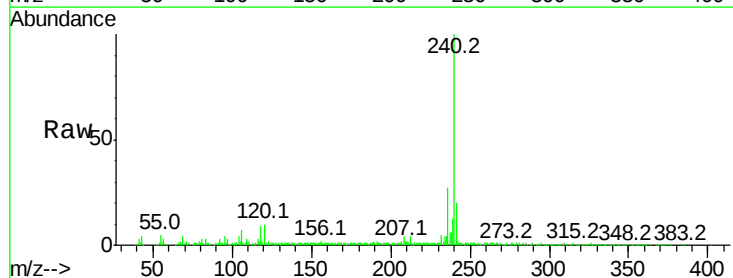
Instrument :
BNA_F
ClientSampleId :
A0C10-04

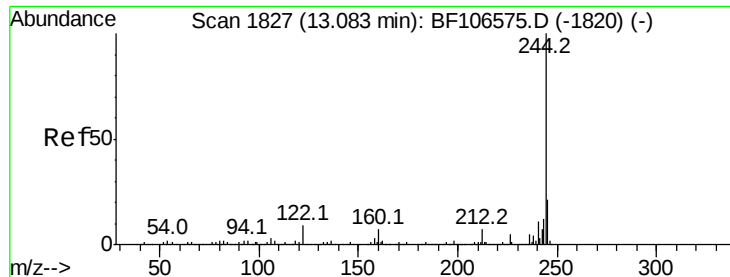
Tot Ion:188 Resp: 186107
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107049.D
Acq: 2 Jul 2018 17:28

Tgt Ion:240 Resp: 158339
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 15.580 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

Instrument :

BNA_F

ClientSampleId :

A0C10-04

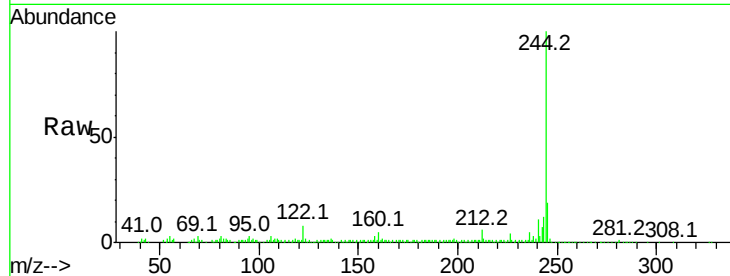
Tot Ion:244 Resp: 101839

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

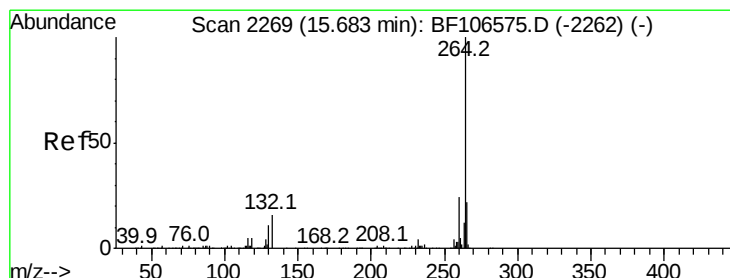
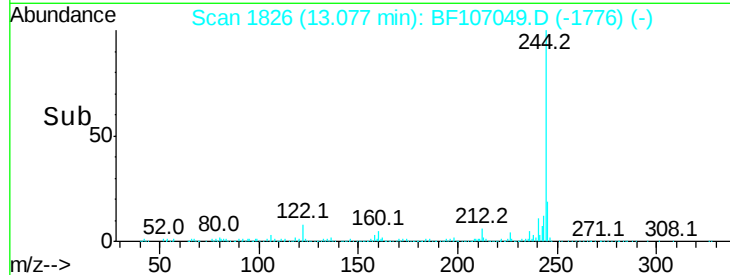
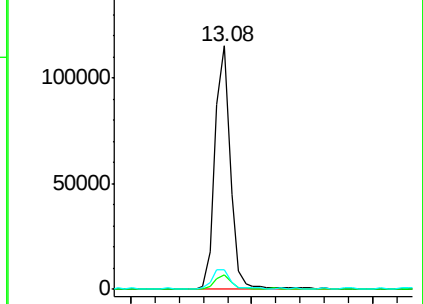
122 8.3 11.0 16.4#



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: 15.71 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF107049.D

Acq: 2 Jul 2018 17:28

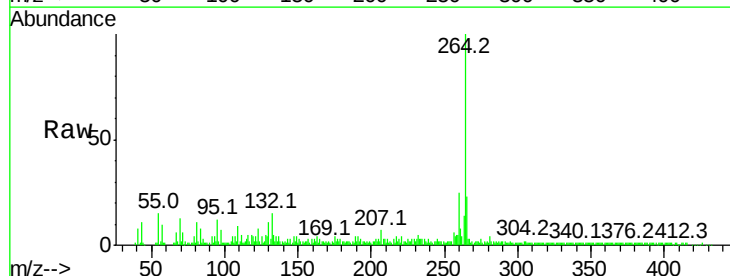
Tgt Ion:264 Resp: 103695

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 23.5 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

