

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097912.D
 Acq On : 21 Aug 2017 18:27
 Operator : SJ/JU
 Sample : PB101660BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101660BL

Quant Time: Aug 22 05:15:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	125880	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	494123	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	224516	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	451104	20.00	ng	0.00
75) Chrysene-d12	13.89	240	423086	20.00	ng	0.00
86) Perylene-d12	15.32	264	345176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1045730	126.36	ng	0.02
7) Phenol-d6	6.39	99	1379003	122.64	ng	0.00
23) Nitrobenzene-d5	7.31	82	877414	96.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	281711	144.61	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1285350	84.11	ng	0.00
78) Terphenyl-d14	12.86	244	1227154	60.48	ng	0.00

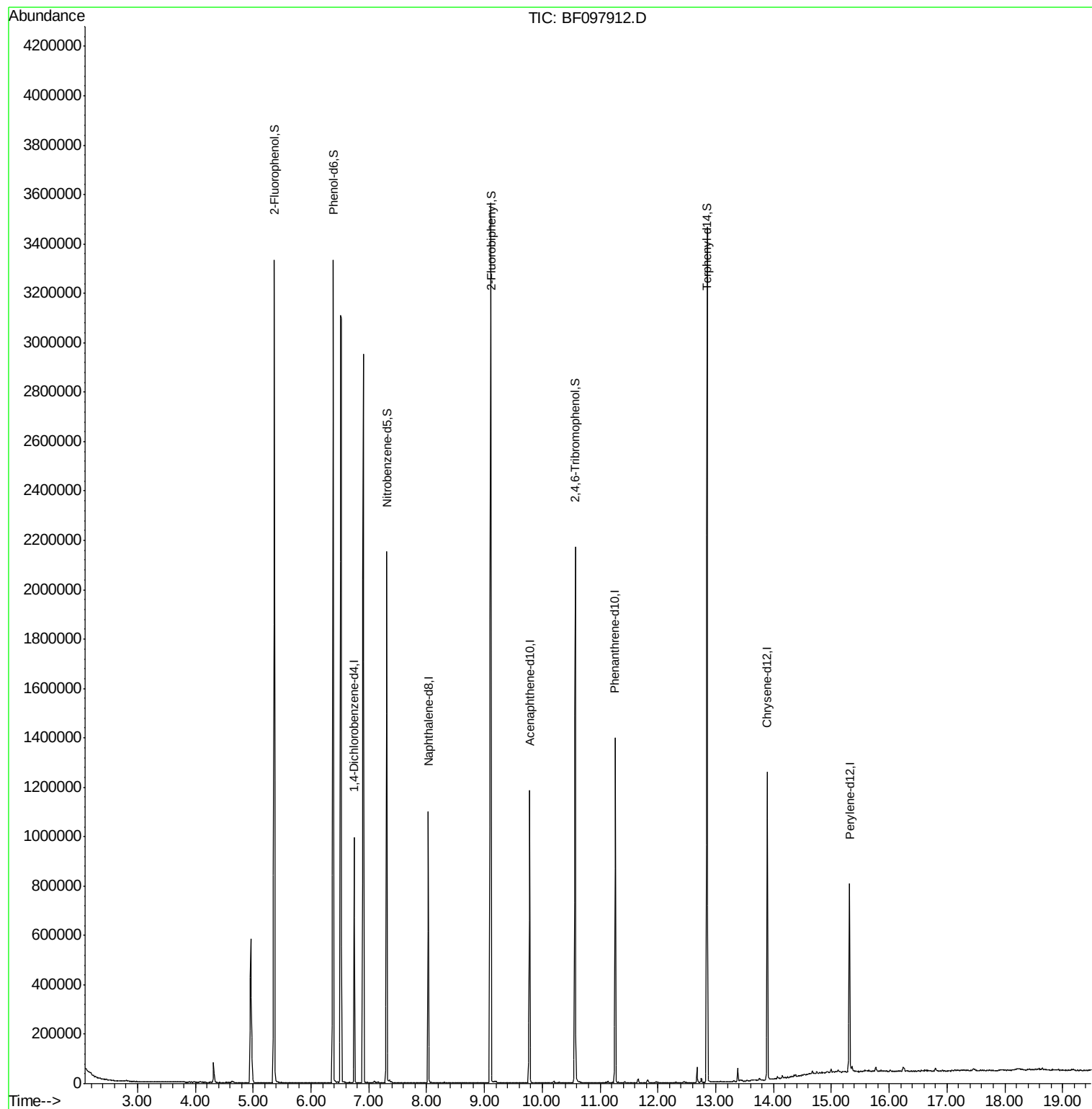
Target Compounds Qvalue

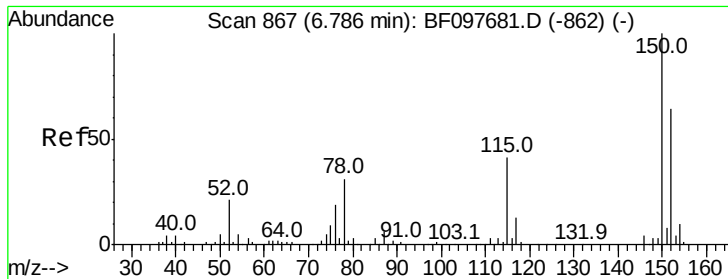
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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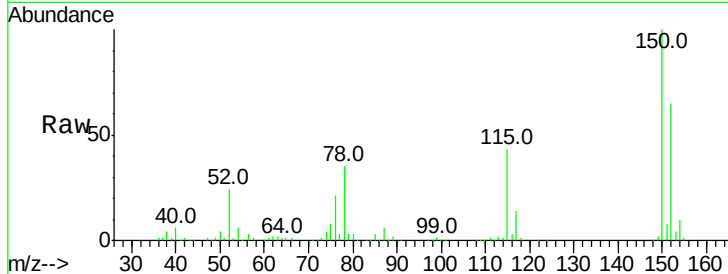


#1

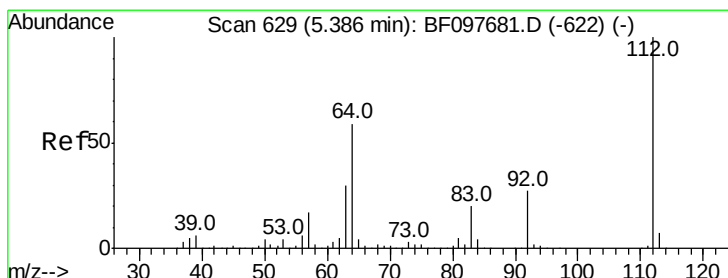
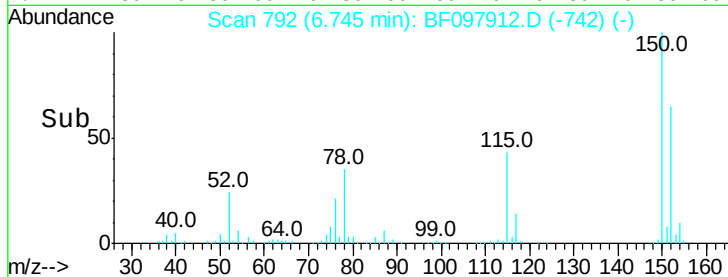
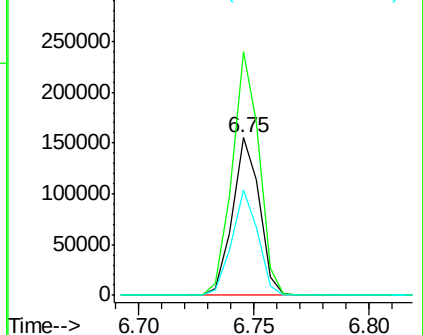
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097912.D
Acq: 21 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB101660BL

Tot Ion:152 Resp: 125880
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 67.1 52.2 78.2



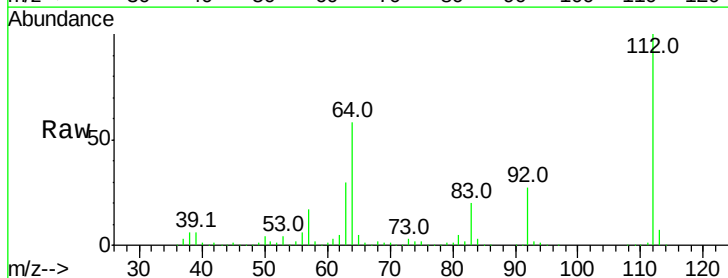
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



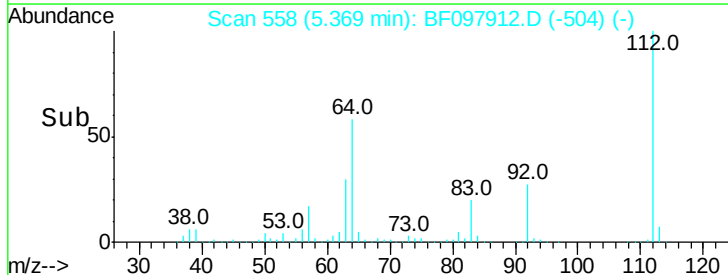
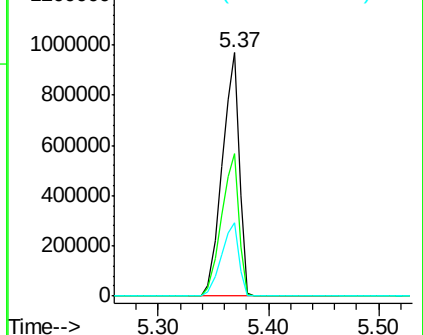
#5

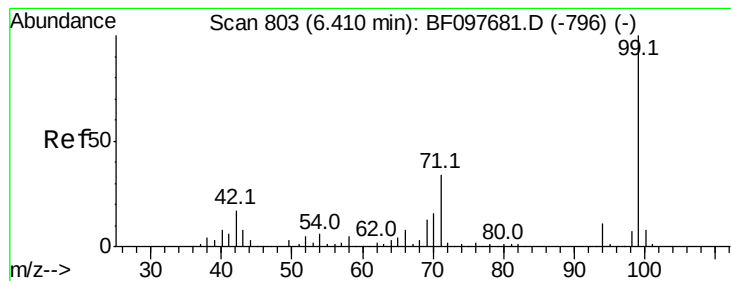
2-Fluorophenol
Concen: 126.361 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF097912.D
Acq: 21 Aug 2017 18:27

Tgt Ion:112 Resp: 1045730
Ion Ratio Lower Upper
112 100
64 58.4 46.0 69.0
63 30.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.640 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097912.D

Acq: 21 Aug 2017 18:27

Instrument :

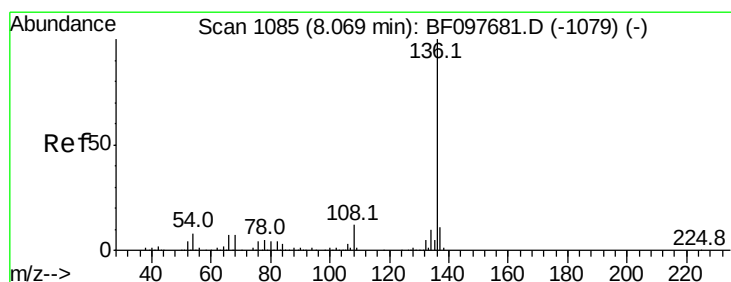
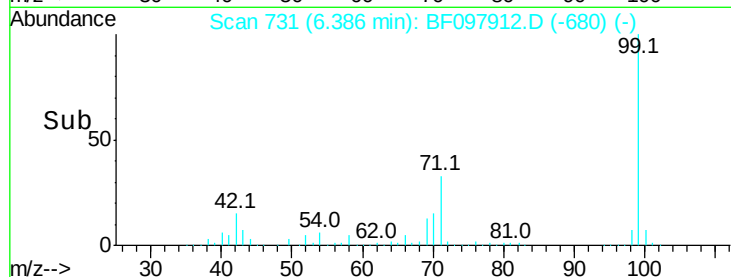
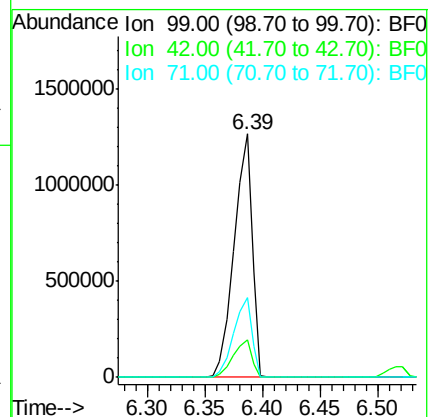
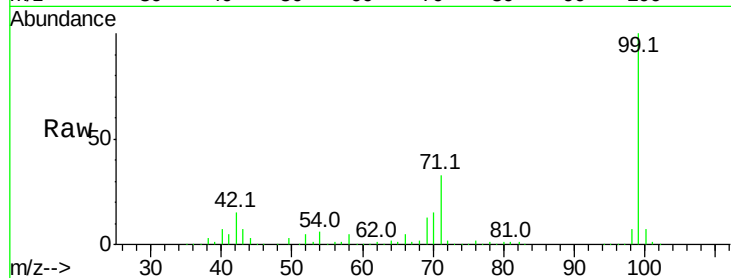
BNA_F

ClientSampleId :

PB101660BL

Tot Ion: 99 Resp: 1379003

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.9	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

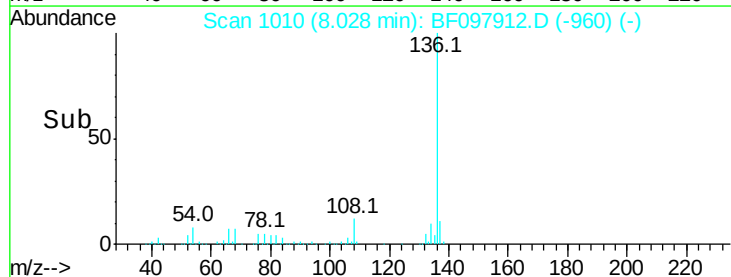
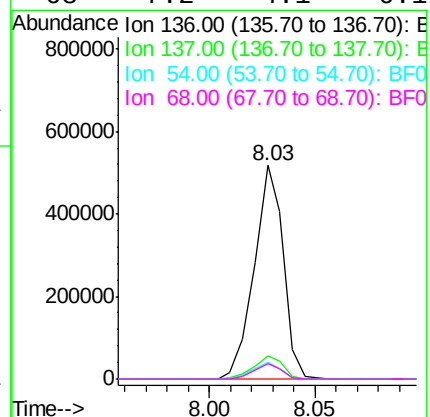
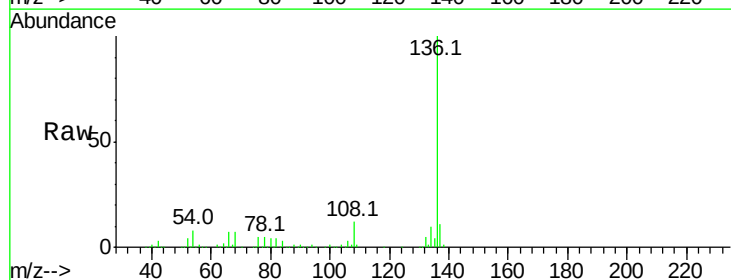
Delta R.T. -0.01 min

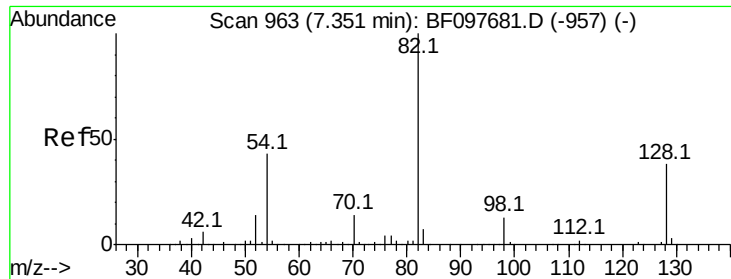
Lab File: BF097912.D

Acq: 21 Aug 2017 18:27

Tgt Ion: 136 Resp: 494123

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.0	4.9	7.3#
68	7.2	4.1	6.1#

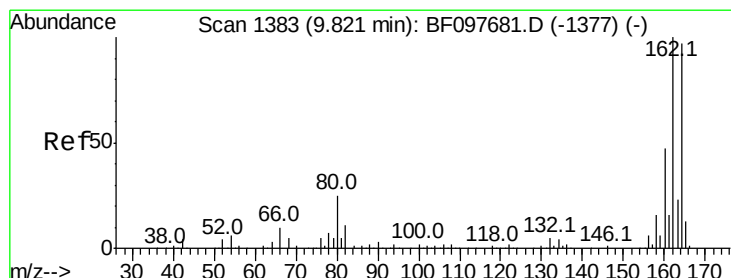
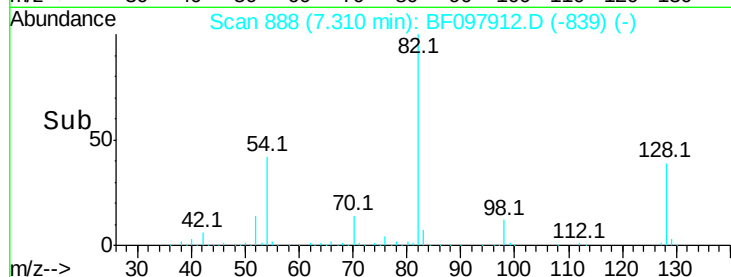
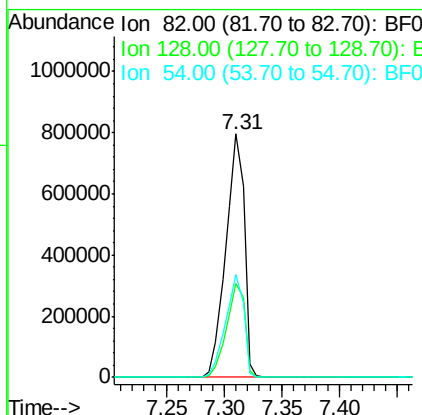
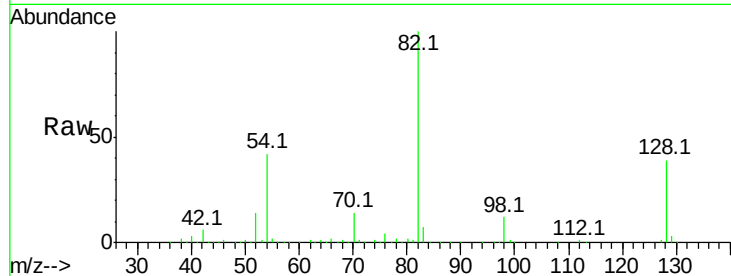




#23
 Nitrobenzene-d5
 Concen: 96.464 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097912.D
 Acq: 21 Aug 2017 18:27

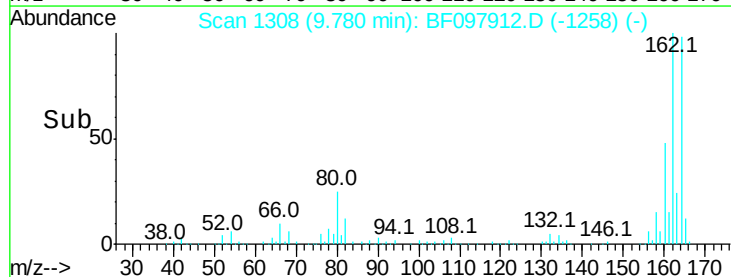
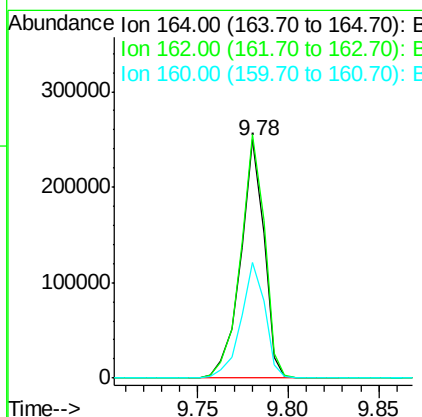
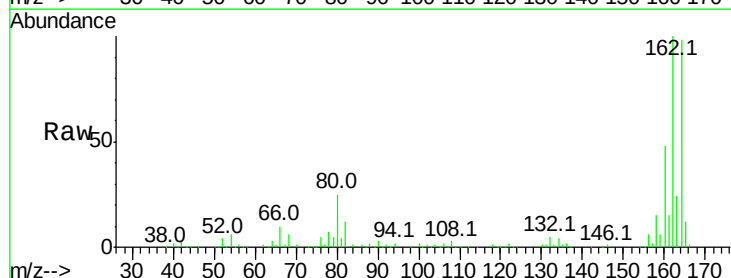
Instrument :
 BNA_F
 ClientSampleId :
 PB101660BL

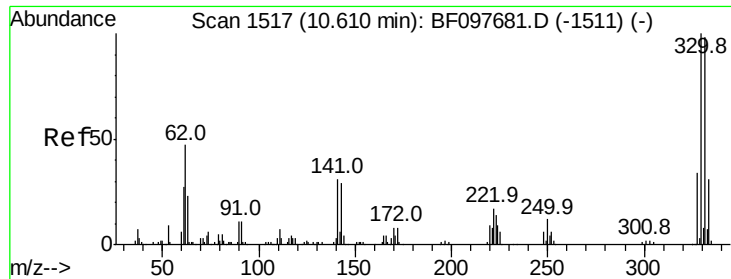
Tot Ion: 82 Resp: 877414
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.0 51.0
 54 42.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097912.D
 Acq: 21 Aug 2017 18:27

Tgt Ion:164 Resp: 224516
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 48.6 36.2 54.2

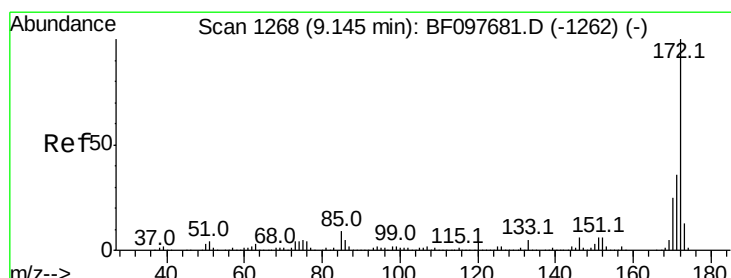
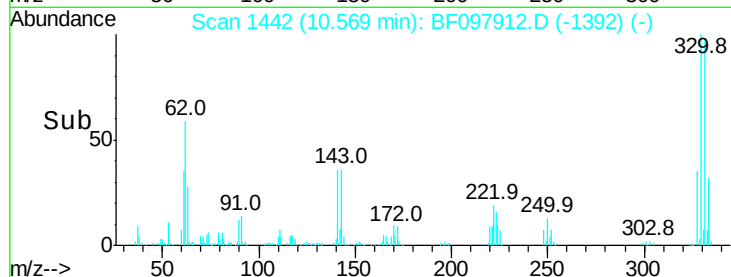
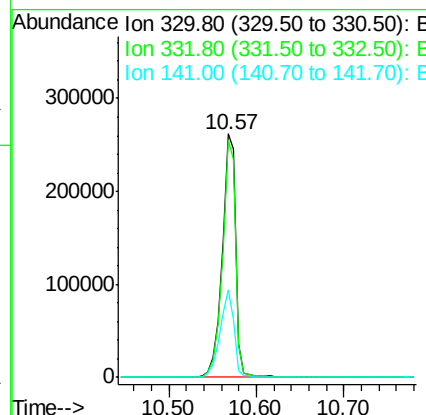
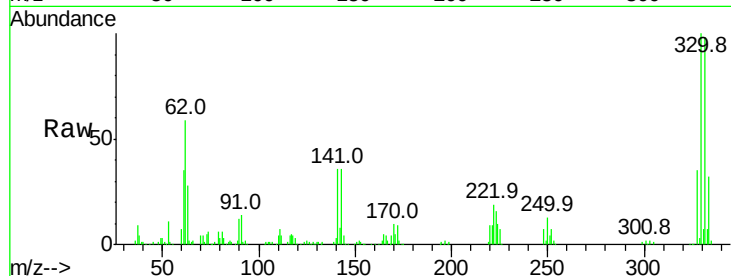




#41
 2,4,6-Tribromophenol
 Concen: 144.612 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097912.D
 Acq: 21 Aug 2017 18:27

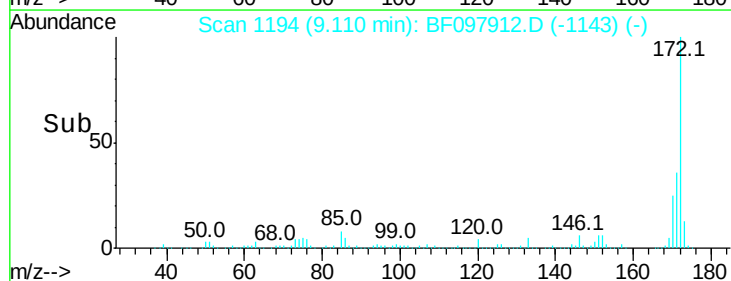
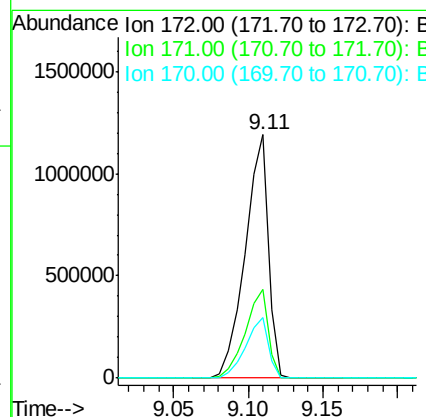
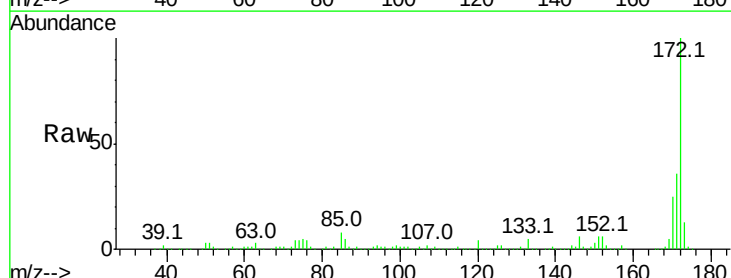
Instrument :
 BNA_F
 ClientSampleId :
 PB101660BL

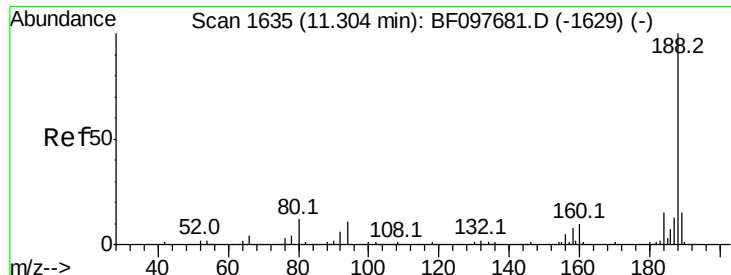
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	37.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 84.112 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097912.D
 Acq: 21 Aug 2017 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.8	19.8	29.8

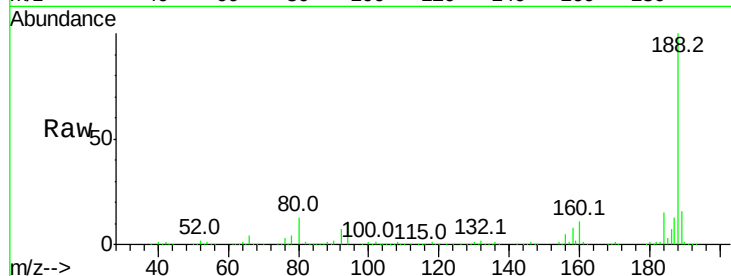




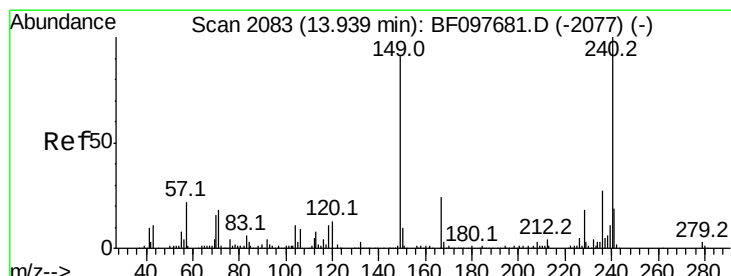
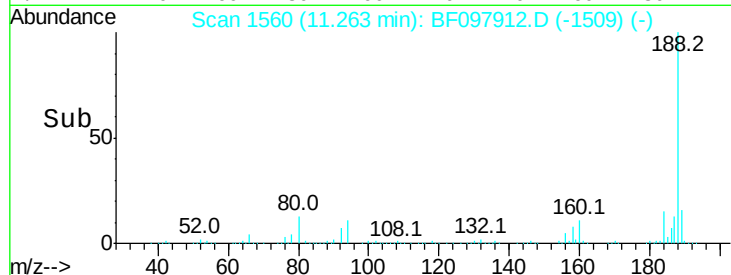
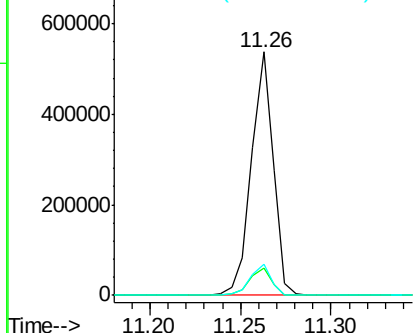
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097912.D
Acq: 21 Aug 2017 18:27

Instrument :
BNA_F
ClientSampleId :
PB101660BL

Tot Ion:188 Resp: 451104
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.6 10.2 15.2

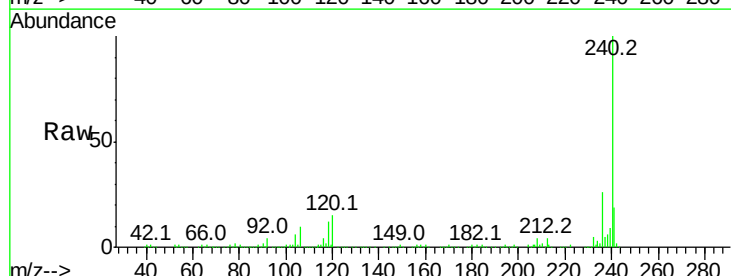


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

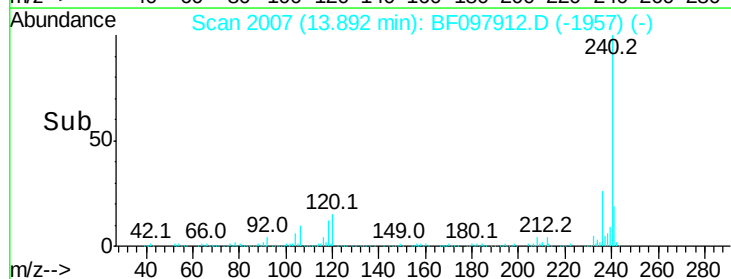
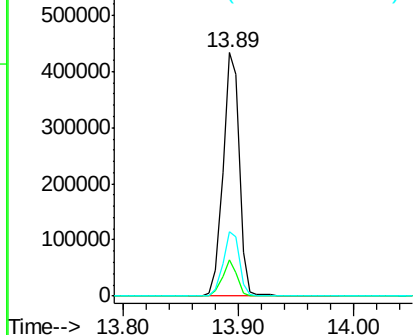


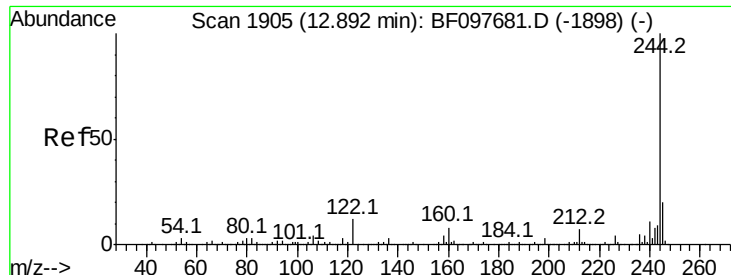
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF097912.D
Acq: 21 Aug 2017 18:27

Tgt Ion:240 Resp: 423086
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 26.4 20.5 30.7



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





#78

Terphenyl-d14

Concen: 60.485 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097912.D

Acq: 21 Aug 2017 18:27

Instrument :

BNA_F

ClientSampleId :

PB101660BL

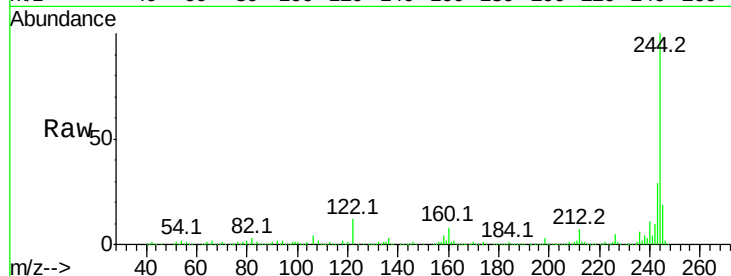
Tot Ion:244 Resp: 1227154

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

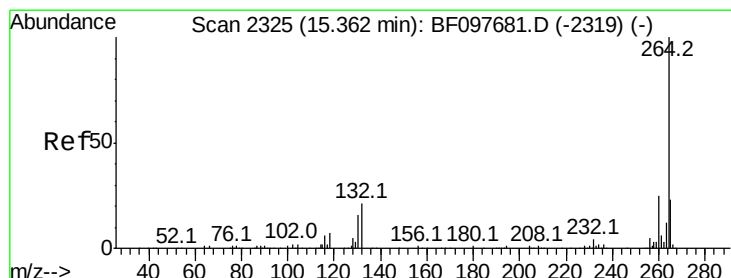
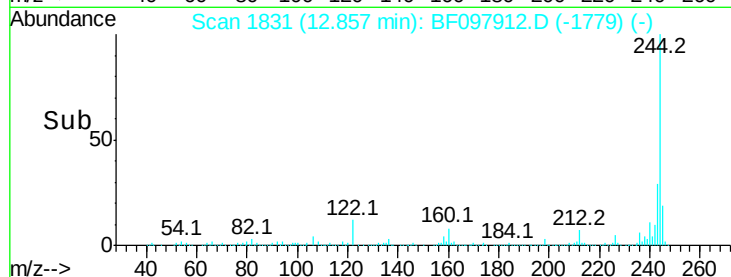
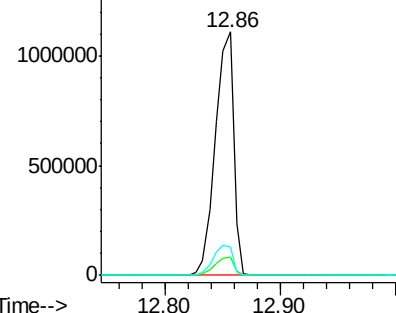
122 11.7 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097912.D

Acq: 21 Aug 2017 18:27

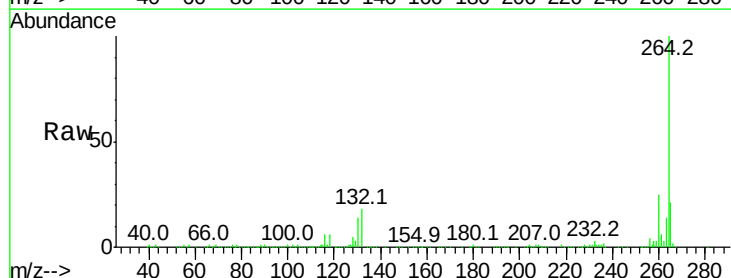
Tgt Ion:264 Resp: 345176

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 20.6 17.2 25.8



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

