

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099609.D
 Acq On : 18 Oct 2017 11:28
 Operator : SJ/JU
 Sample : PB103194BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Quant Time: Oct 18 15:28:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	91815	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	379639	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	171162	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	310018	20.00	ng	0.00
75) Chrysene-d12	13.99	240	183700	20.00	ng	0.00
86) Perylene-d12	15.45	264	149760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	689944	119.62	ng	0.01
7) Phenol-d6	6.47	99	809310	113.75	ng	0.00
23) Nitrobenzene-d5	7.39	82	482073	81.43	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	171899	122.74	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	959891	93.62	ng	0.00
78) Terphenyl-d14	12.93	244	766770	94.93	ng	0.00

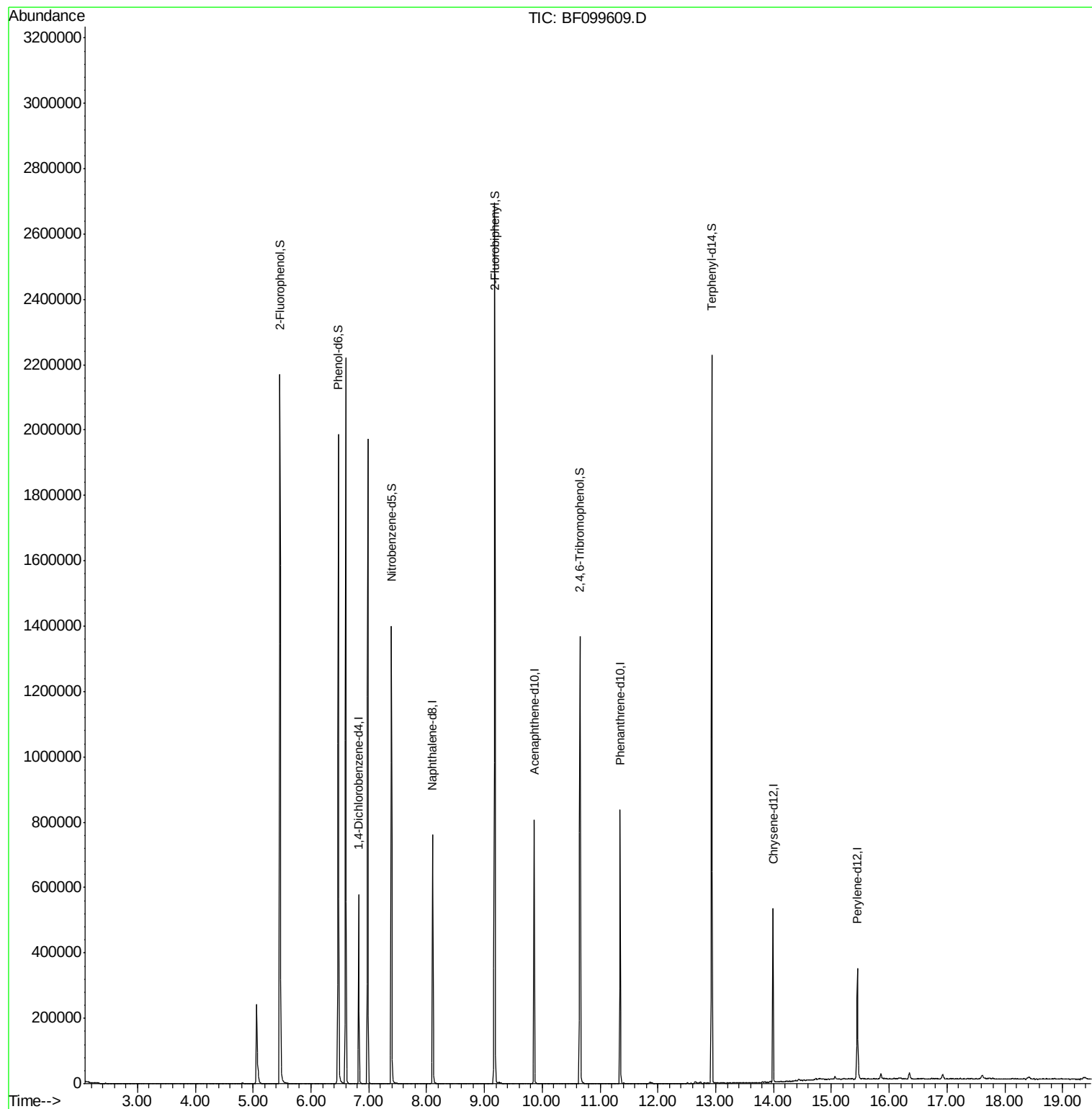
Target Compounds Qvalue

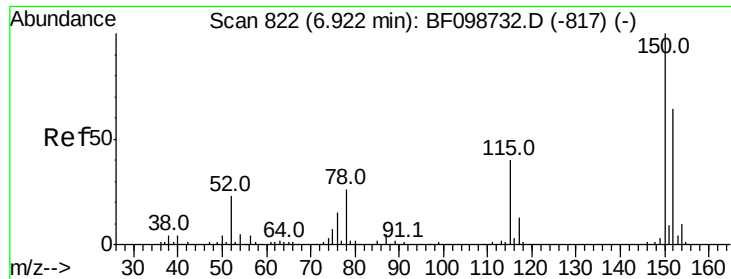
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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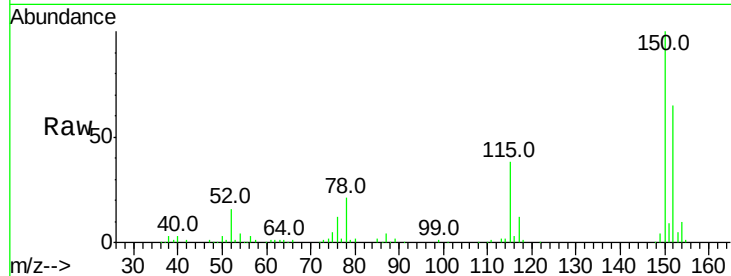


#1

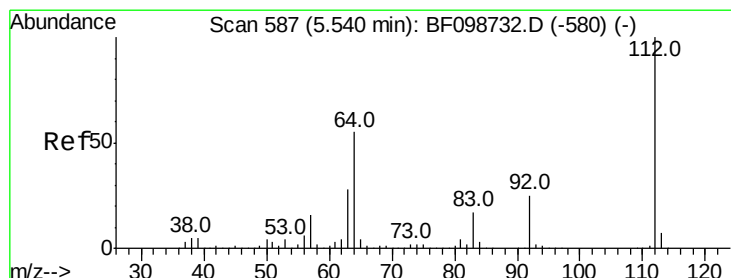
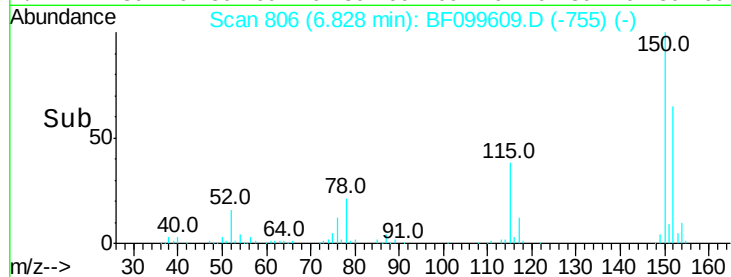
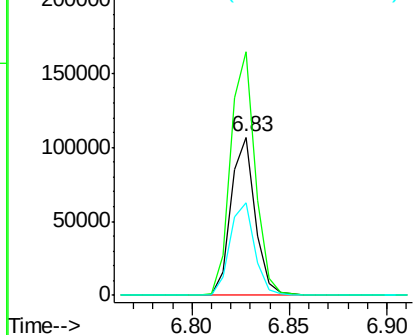
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Tot Ion:152 Resp: 91815
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 58.7 50.1 75.1



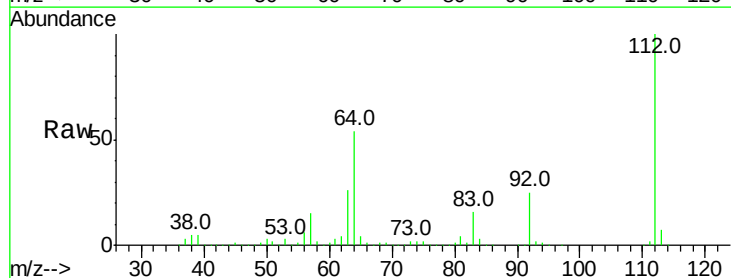
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



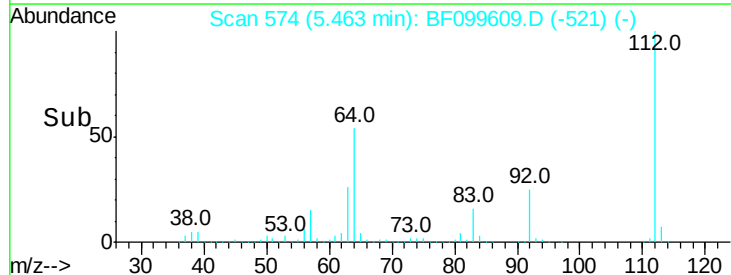
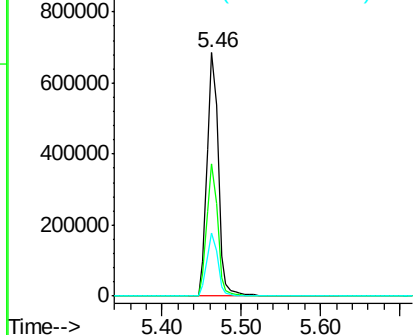
#5

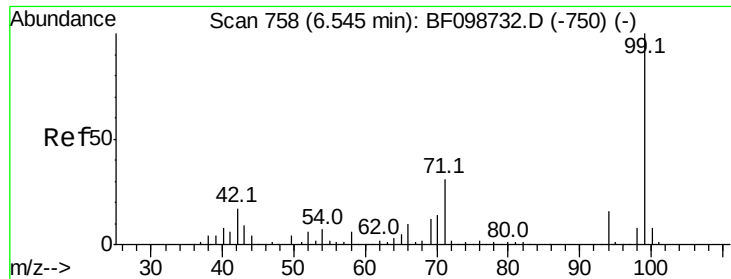
2-Fluorophenol
 Concen: 119.623 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Tgt Ion:112 Resp: 689944
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 26.2 23.7 35.5



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: 113.747 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Instrument :

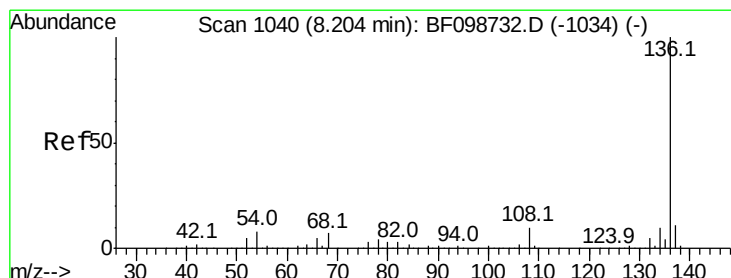
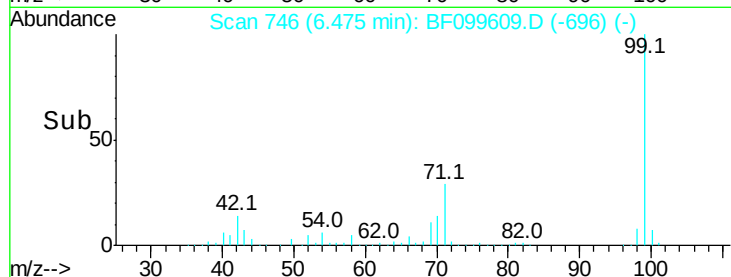
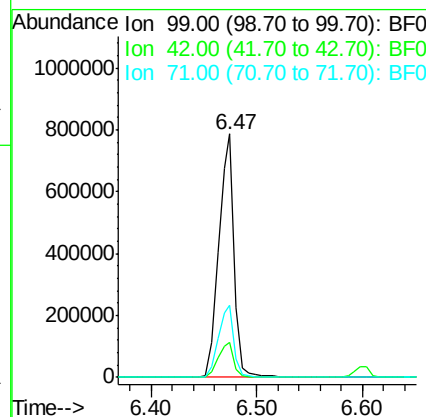
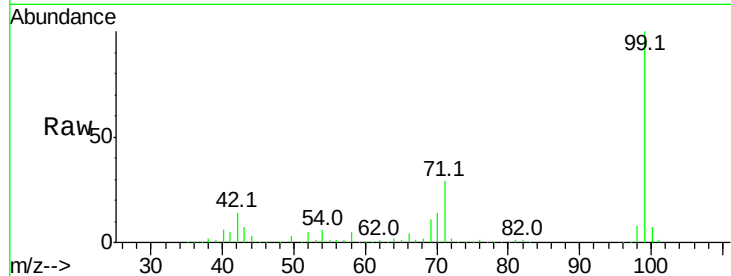
BNA_F

ClientSampleId :

PB103194BL

Tot Ion: 99 Resp: 809310

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	29.5	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

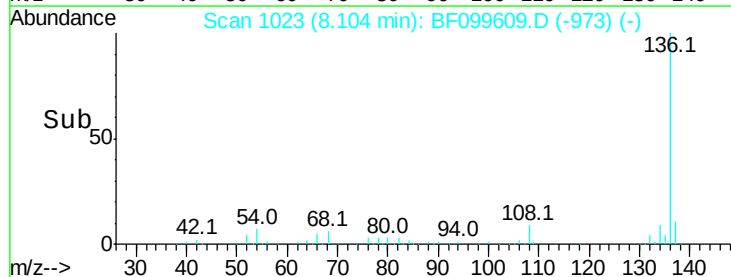
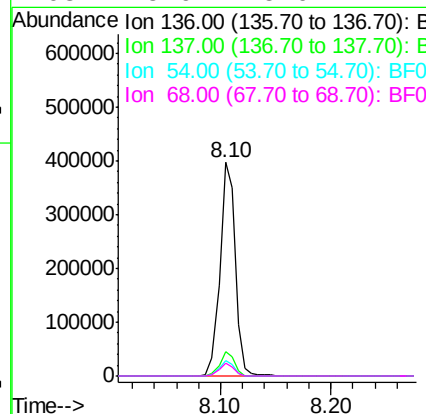
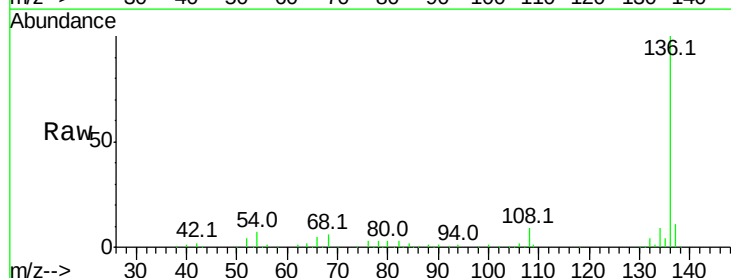
Delta R.T. -0.01 min

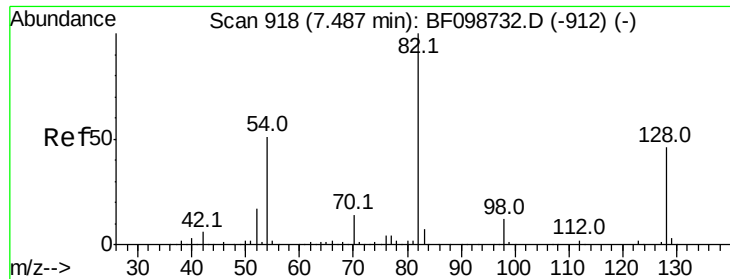
Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Tgt Ion: 136 Resp: 379639

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.4	6.6	9.8
68	5.9	5.0	7.4

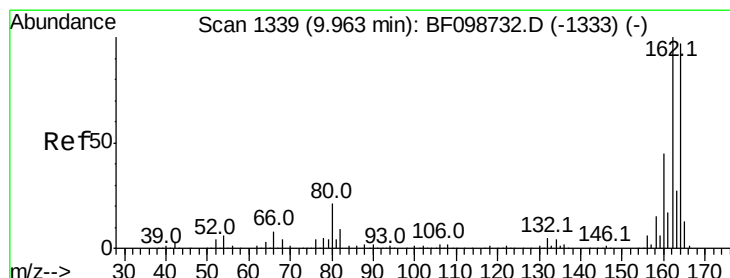
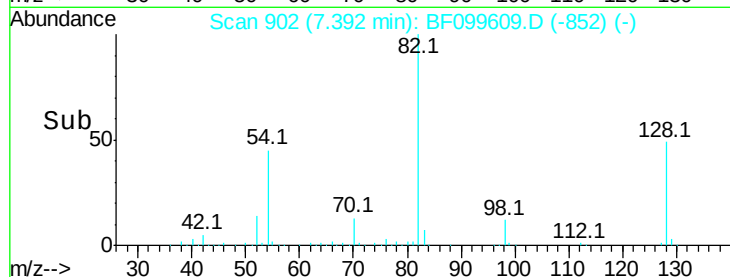
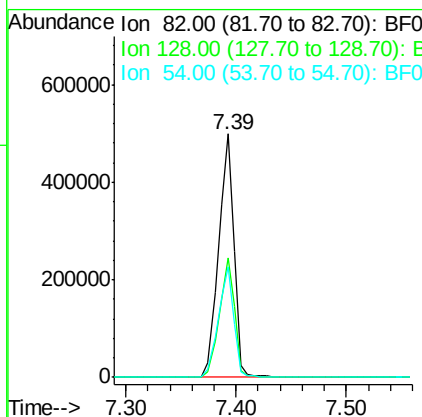
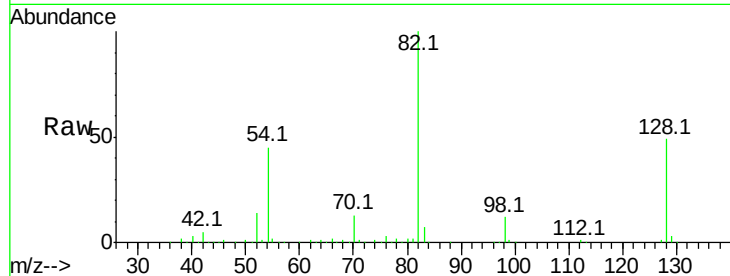




#23
 Nitrobenzene-d5
 Concen: 81.434 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

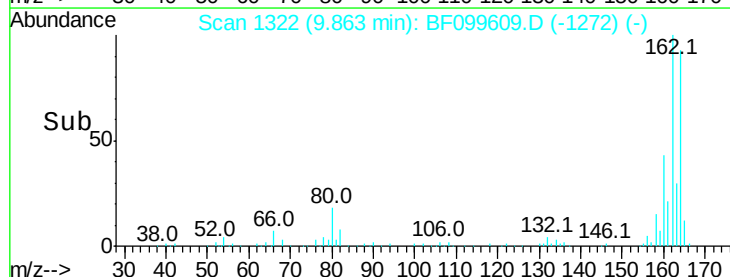
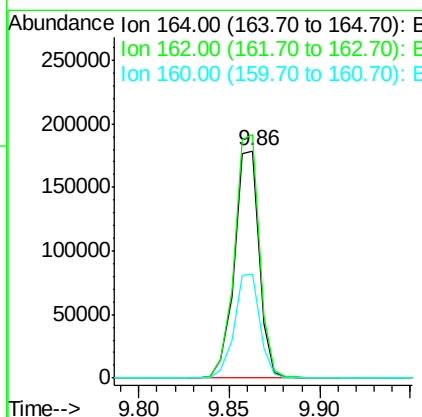
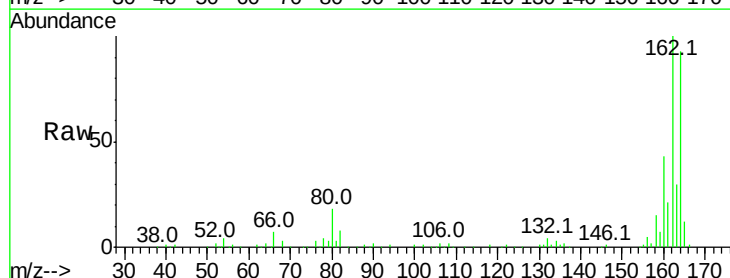
Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

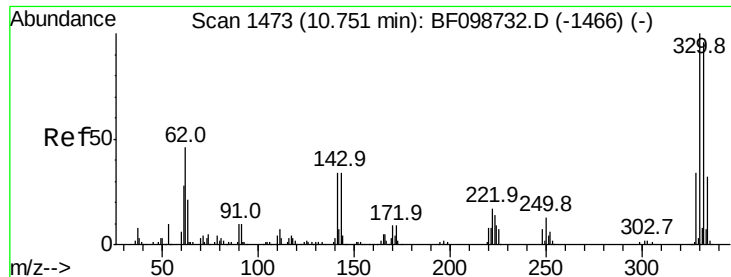
Tot Ion: 82 Resp: 482073
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 45.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Tgt Ion:164 Resp: 171162
 Ion Ratio Lower Upper
 164 100
 162 107.0 86.1 129.1
 160 45.8 38.3 57.5

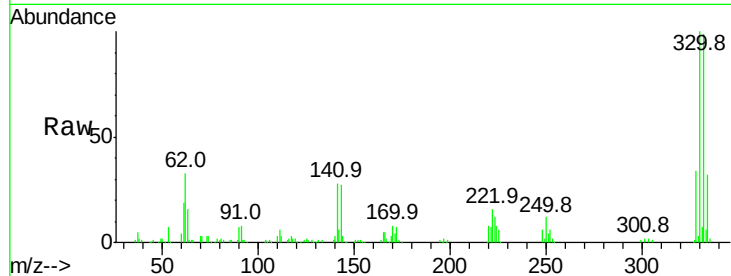




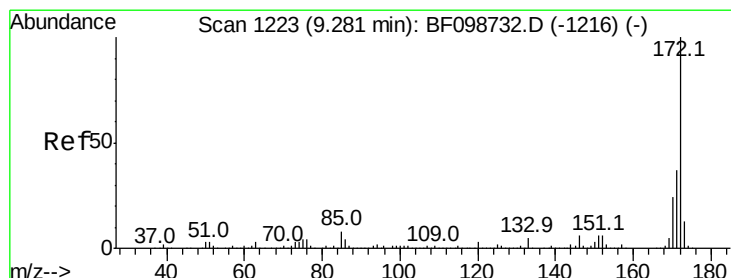
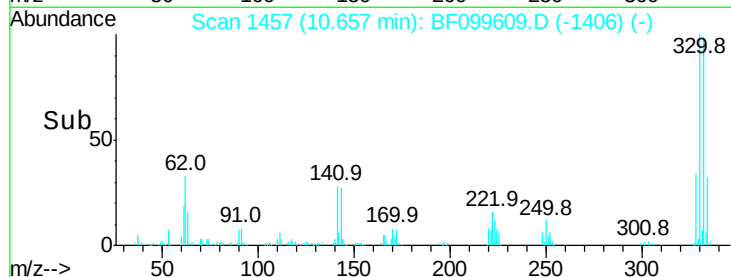
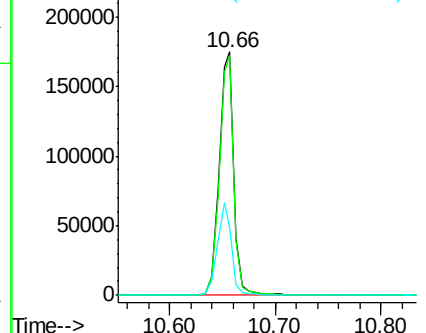
#41
 2,4,6-Tribromophenol
 Concen: 122.735 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	36.7	29.9	44.9

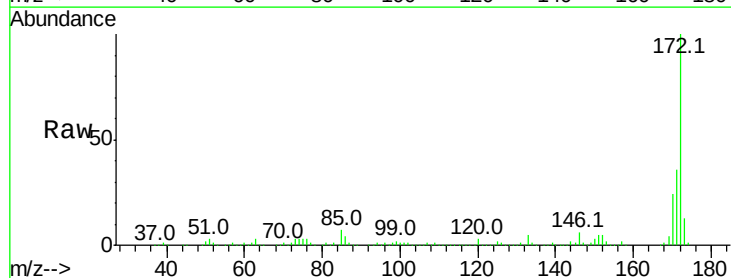


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

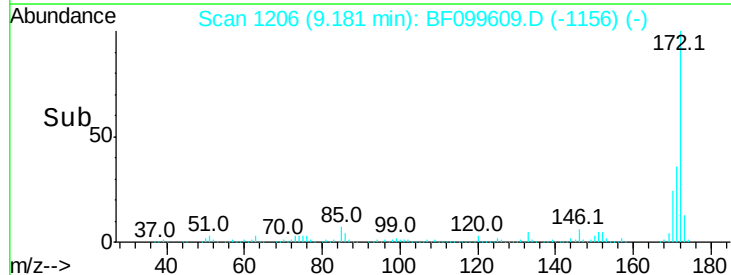
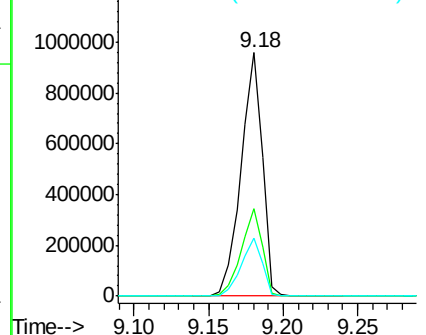


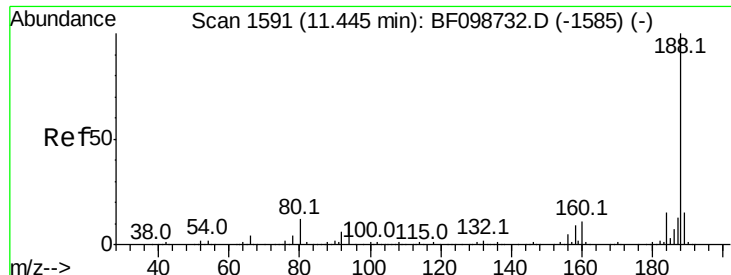
#44
 2-Fluorobiphenyl
 Concen: 93.622 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099609.D
 Acq: 18 Oct 2017 11:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4



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

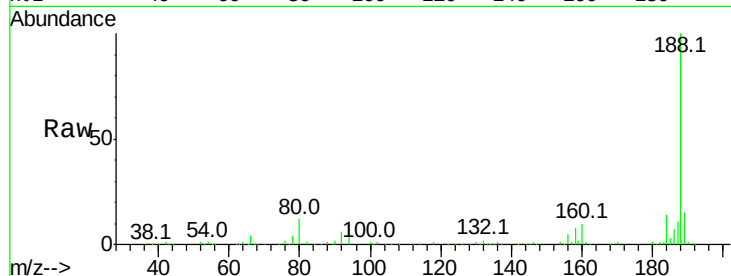




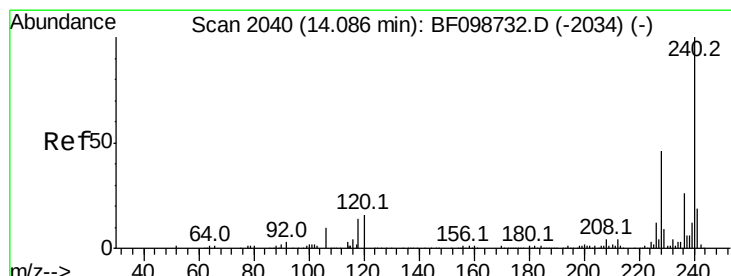
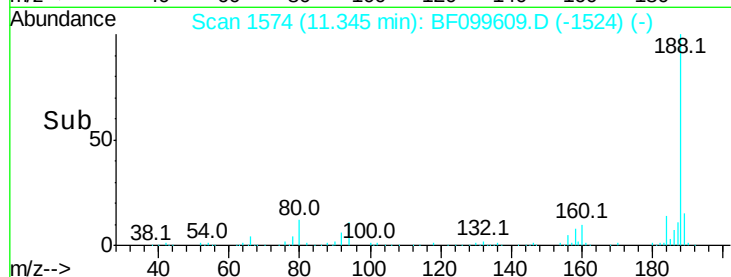
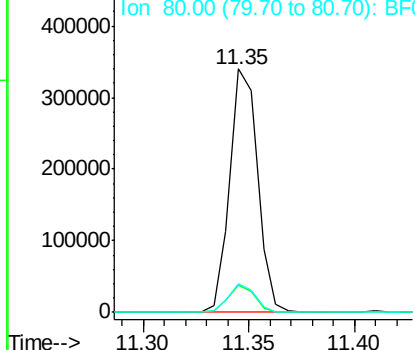
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099609.D
Acq: 18 Oct 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB103194BL

Tot Ion:188 Resp: 310018
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8

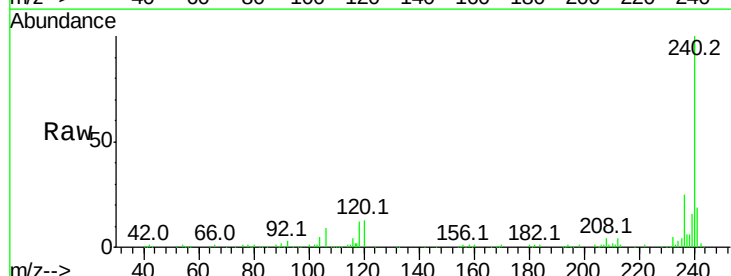


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

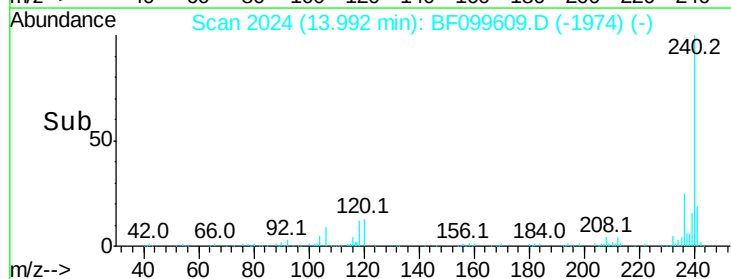
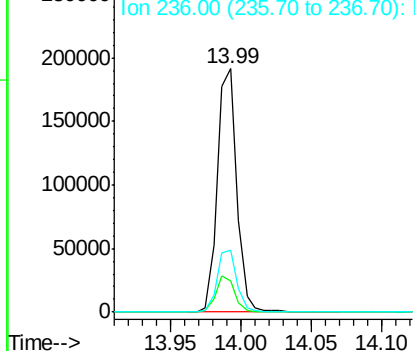


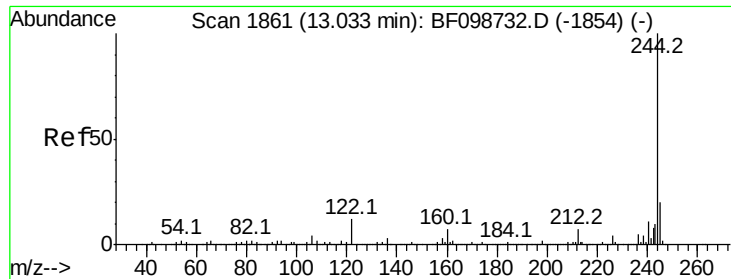
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099609.D
Acq: 18 Oct 2017 11:28

Tgt Ion:240 Resp: 183700
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.4 20.7 31.1



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: 94.926 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

Instrument :

BNA_F

ClientSampleId :

PB103194BL

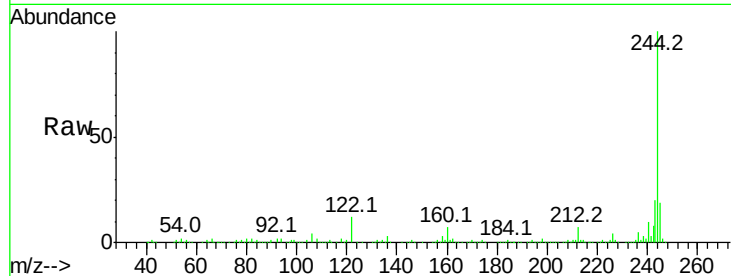
Tot Ion:244 Resp: 766770

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

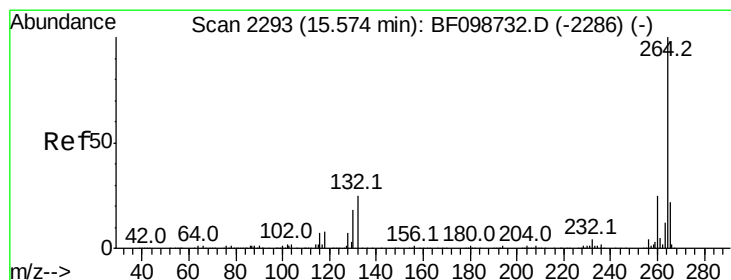
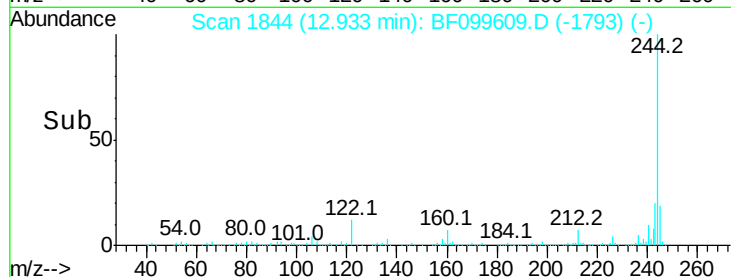
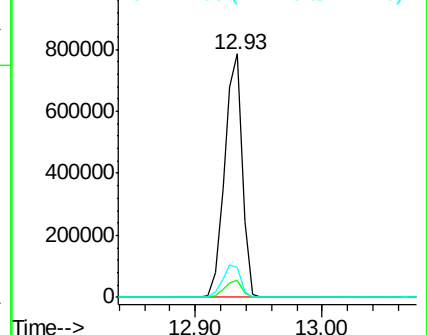
122 12.3 11.0 16.4



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF099609.D

Acq: 18 Oct 2017 11:28

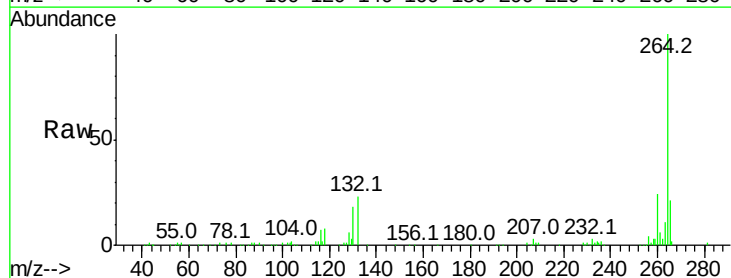
Tgt Ion:264 Resp: 149760

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.8 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

