

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099634.D
 Acq On : 18 Oct 2017 23:05
 Operator : SJ/JU
 Sample : I5931-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BR-01-101617

Quant Time: Oct 19 00:50:43 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 22:24:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93327	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	322448	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	112163	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	183138	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197755	20.00	ng	0.00
86) Perylene-d12	15.46	264	168619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	236339	40.31	ng	0.00
7) Phenol-d6	6.47	99	317064	43.84	ng	-0.01
23) Nitrobenzene-d5	7.39	82	165478	32.91	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	52465	57.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	351870	52.37	ng	0.00
78) Terphenyl-d14	12.93	244	298806	34.36	ng	0.00

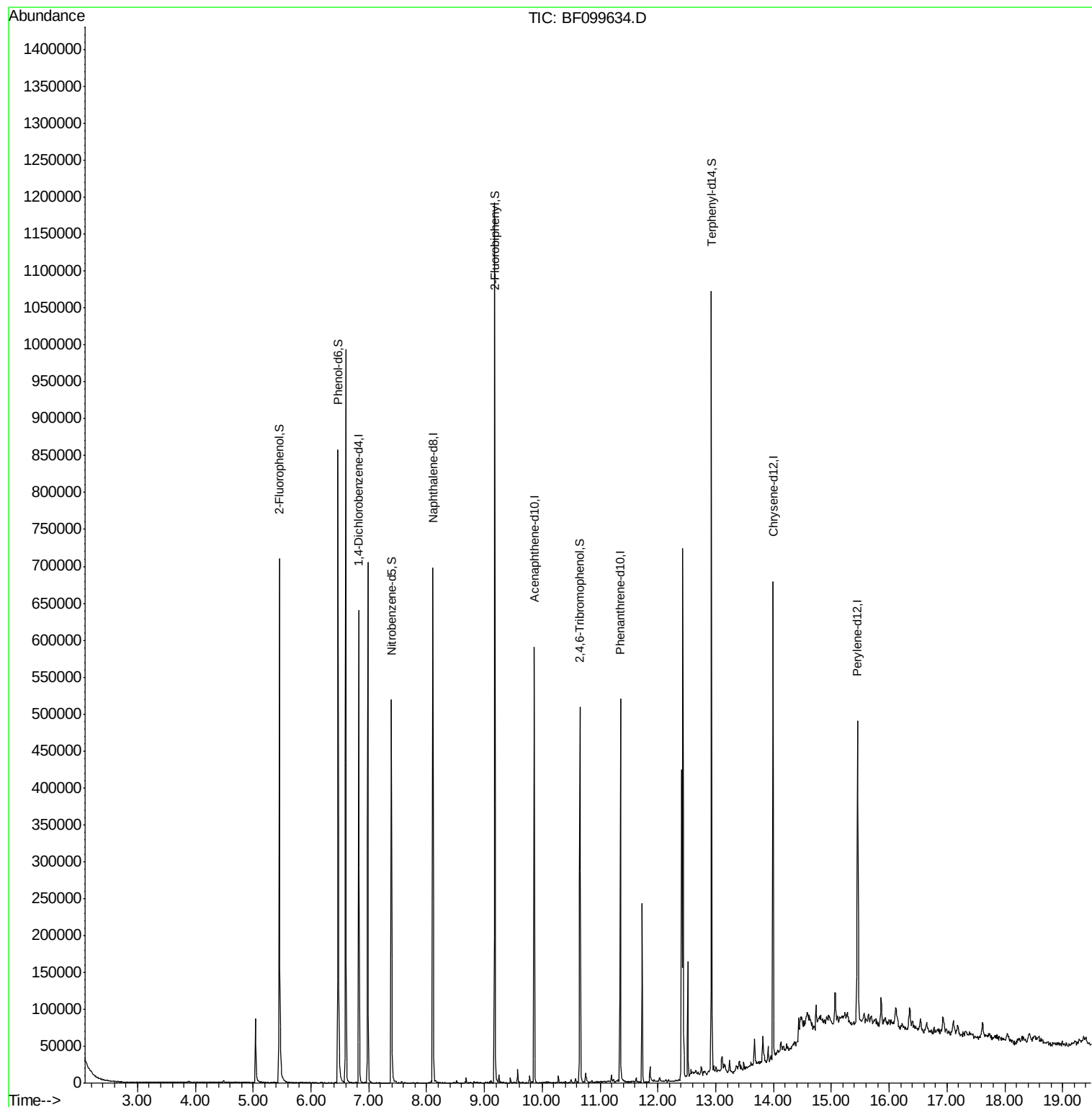
Target Compounds Qvalue

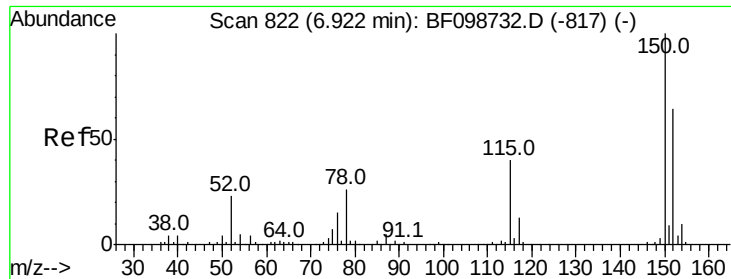
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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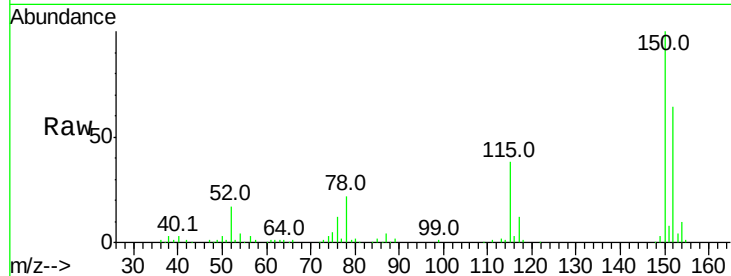


#1

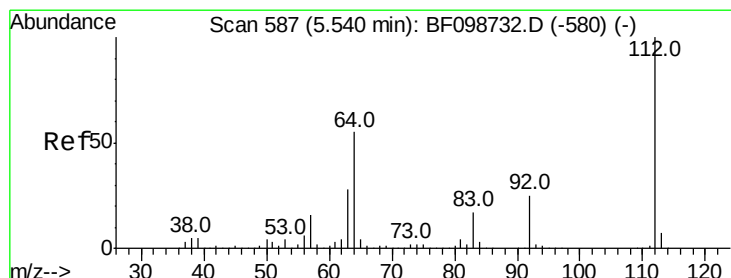
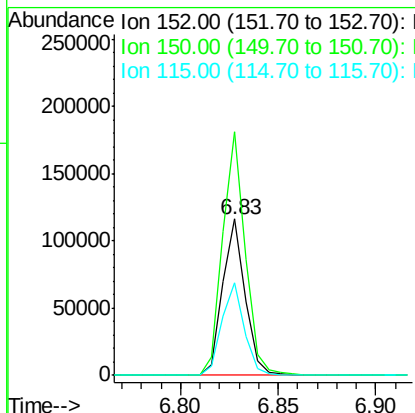
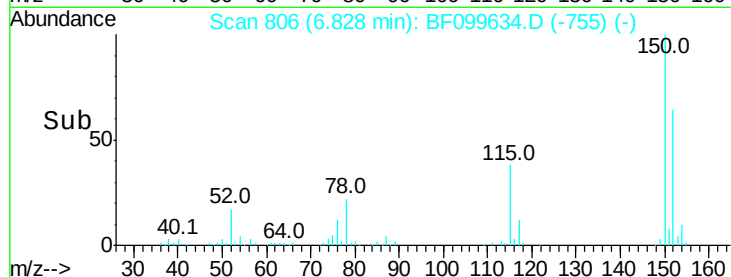
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099634.D
Acq: 18 Oct 2017 23:05

Instrument :
BNA_F
ClientSampleId :
BR-01-101617

Tot Ion:152 Resp: 93327
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 59.2 50.1 75.1



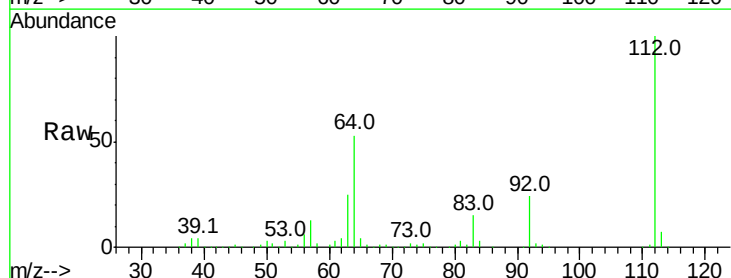
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



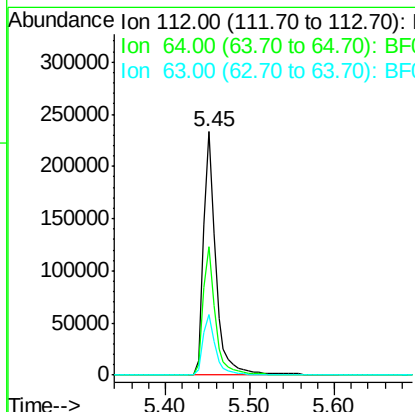
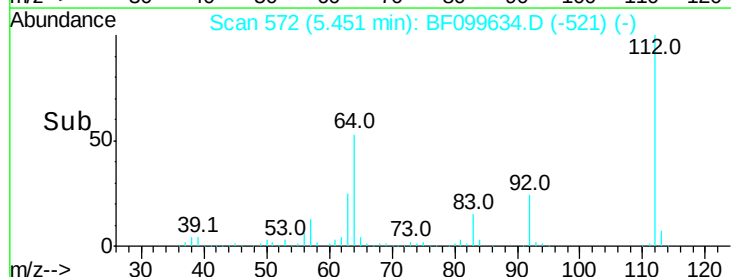
#5

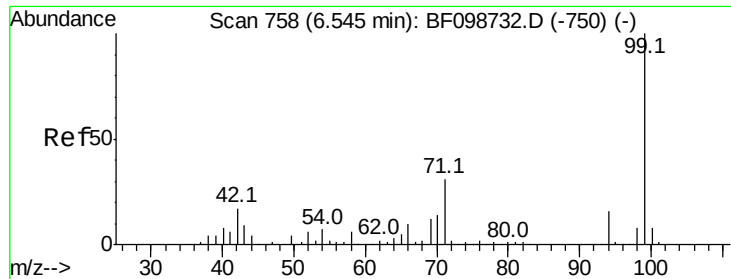
2-Fluorophenol
Concen: 40.313 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099634.D
Acq: 18 Oct 2017 23:05

Tgt Ion:112 Resp: 236339
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 24.7 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: 43.841 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

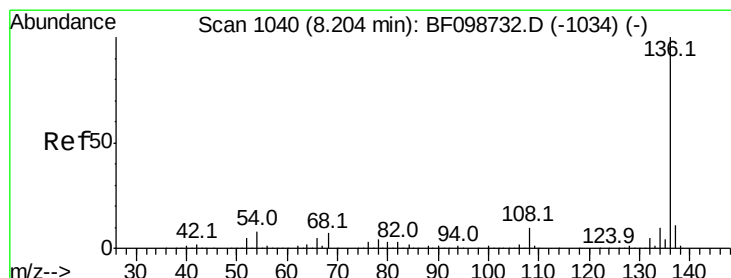
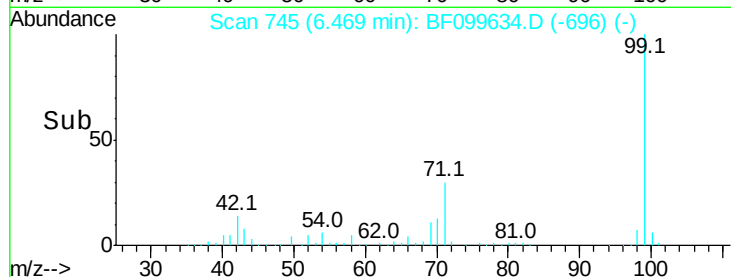
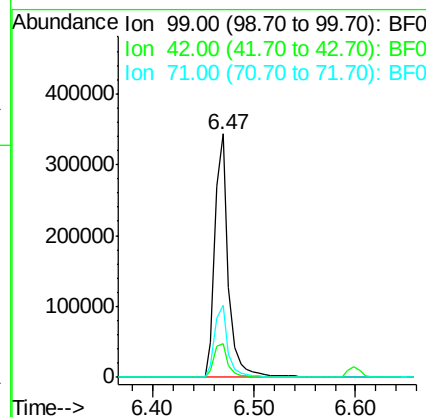
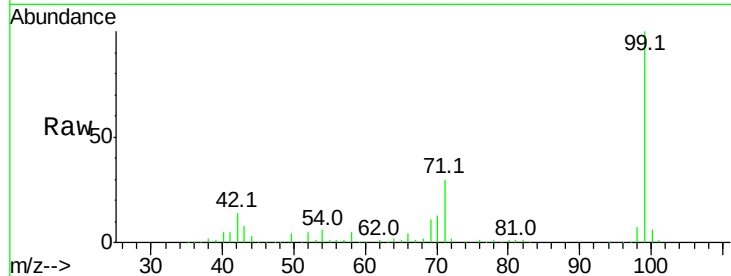
BNA_F

ClientSampleId :

BR-01-101617

Tot Ion: 99 Resp: 317064

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.6	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

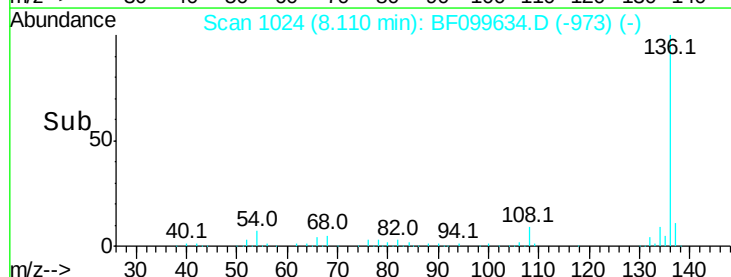
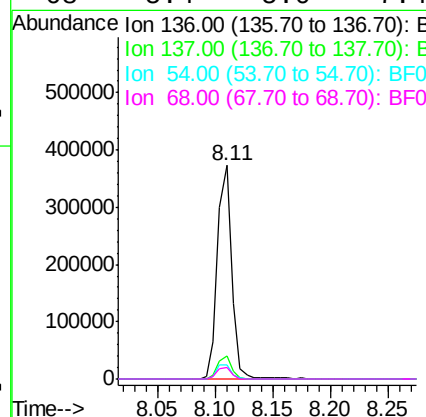
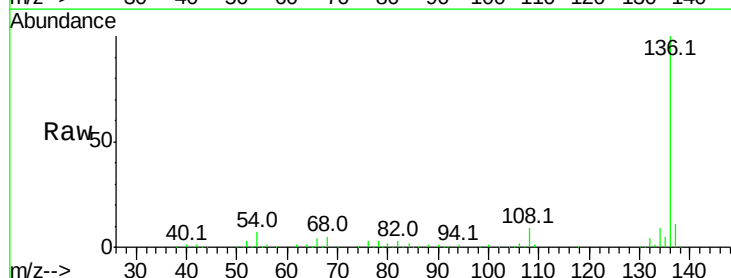
Delta R.T. 0.00 min

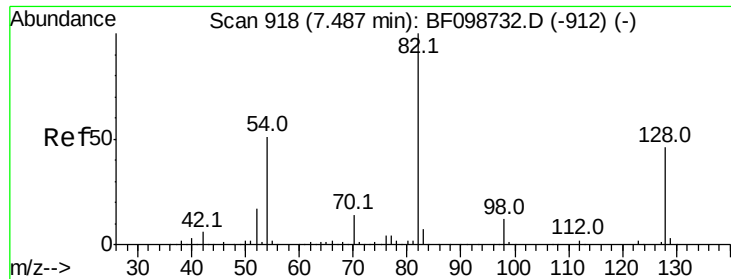
Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Tgt Ion: 136 Resp: 322448

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4

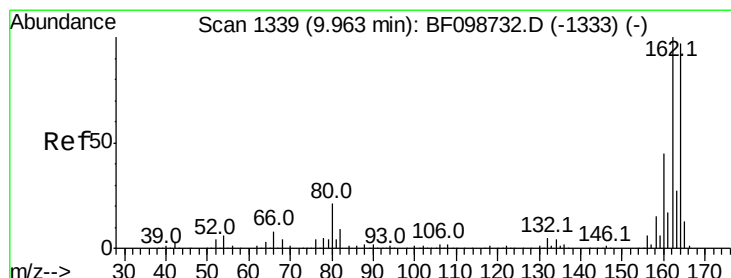
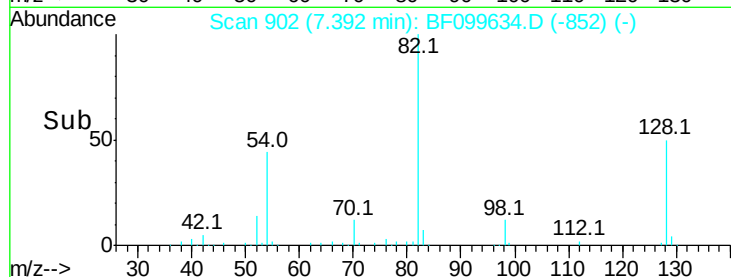
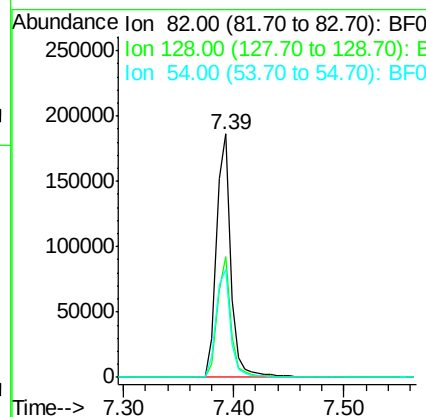
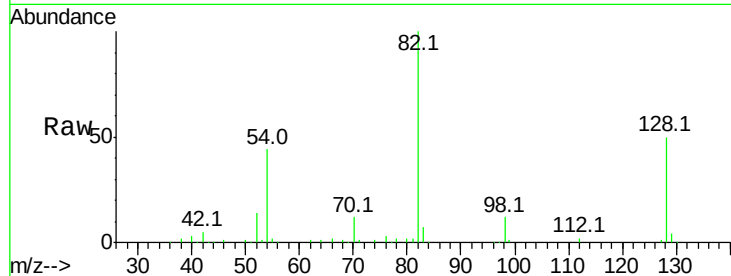




#23
 Nitrobenzene-d5
 Concen: 32.911 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF099634.D
 Acq: 18 Oct 2017 23:05

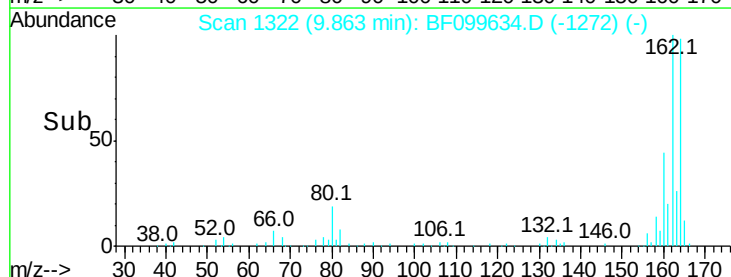
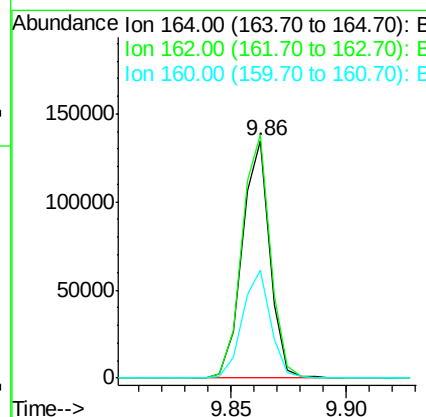
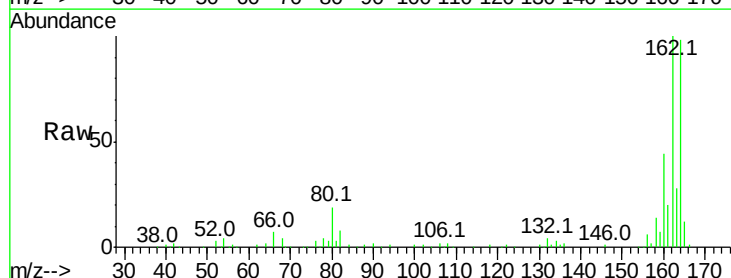
Instrument :
 BNA_F
 ClientSampleId :
 BR-01-101617

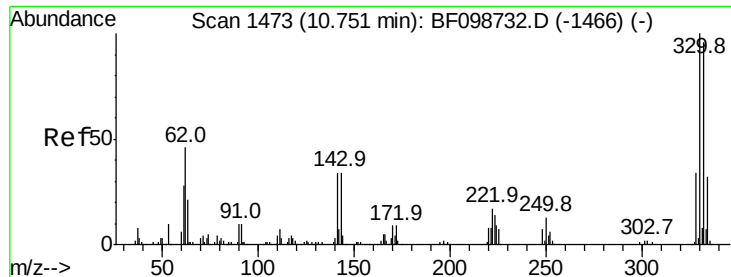
Tot Ion: 82 Resp: 165478
 Ion Ratio Lower Upper
 82 100
 128 49.7 36.1 54.1
 54 44.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099634.D
 Acq: 18 Oct 2017 23:05

Tgt Ion:164 Resp: 112163
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 45.5 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 57.164 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

BNA_F

ClientSampleId :

BR-01-101617

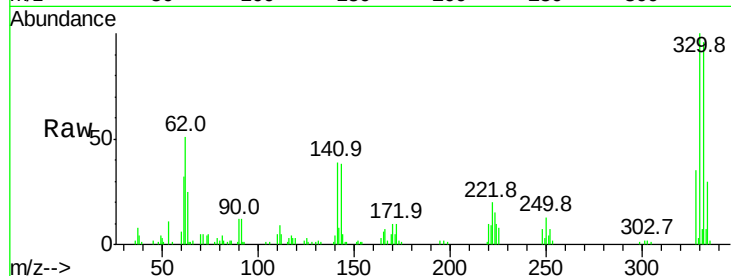
Tot Ion:330 Resp: 52465

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

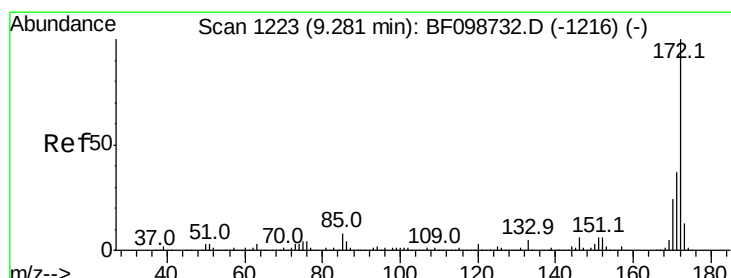
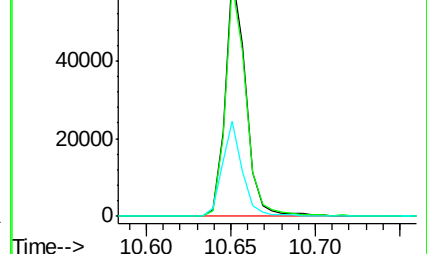
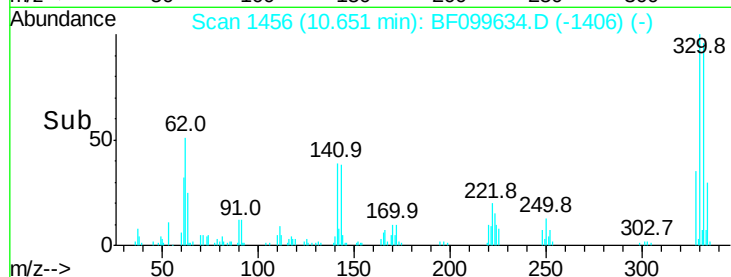
141 38.5 29.9 44.9



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: 52.372 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

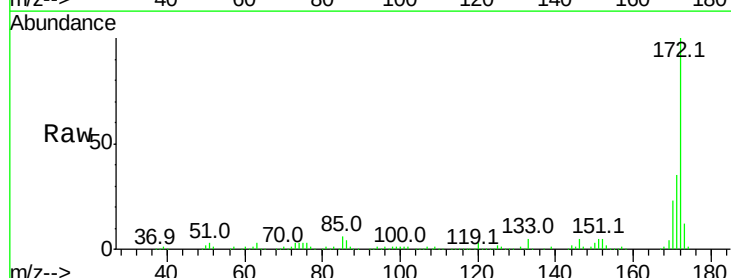
Tgt Ion:172 Resp: 351870

Ion Ratio Lower Upper

172 100

171 35.0 29.7 44.5

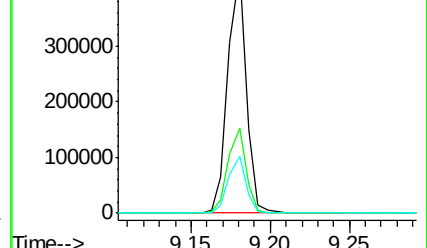
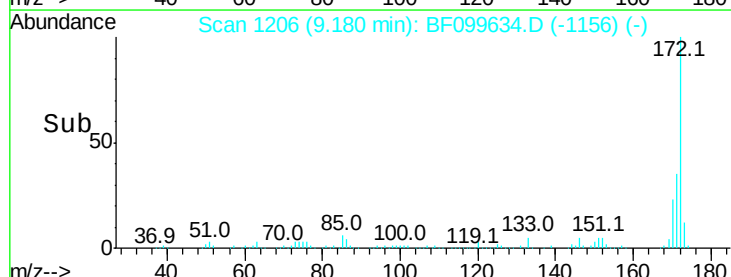
170 23.3 19.6 29.4

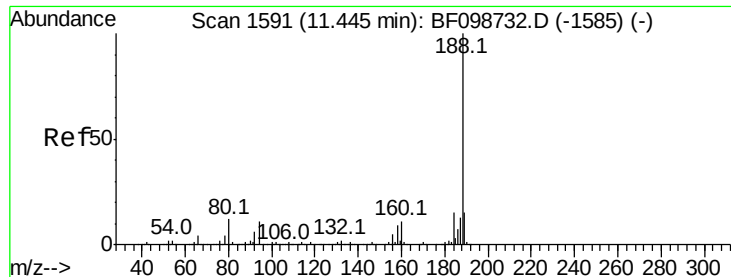


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1575

Delta R.T. 0.00 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

BNA_F

ClientSampleId :

BR-01-101617

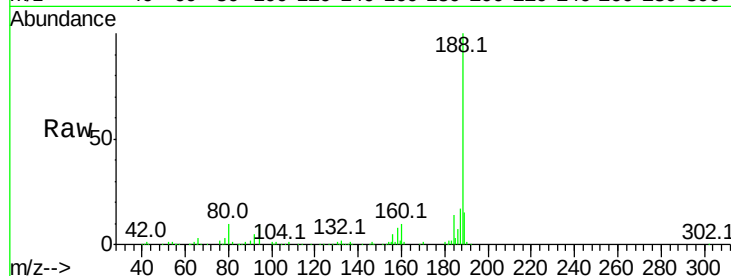
Tot Ion:188 Resp: 183138

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

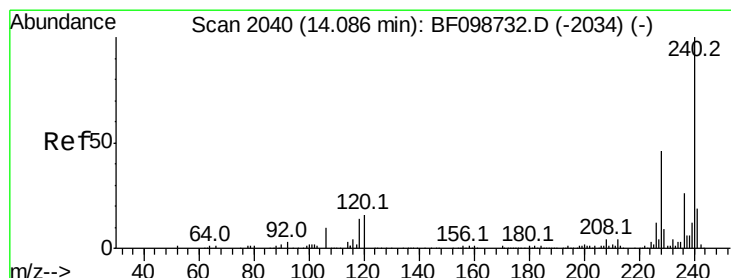
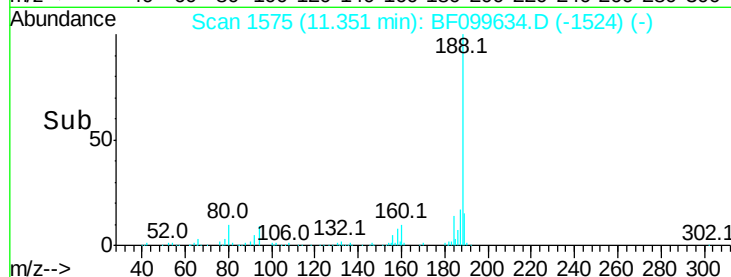
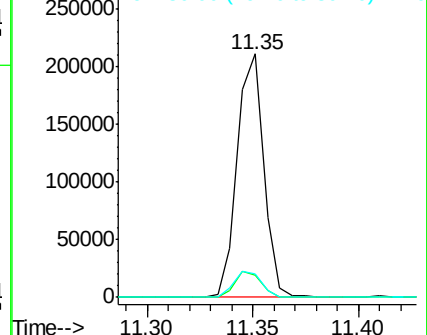
80 9.8 9.2 13.8



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: BF099634.D

Acq: 18 Oct 2017 23:05

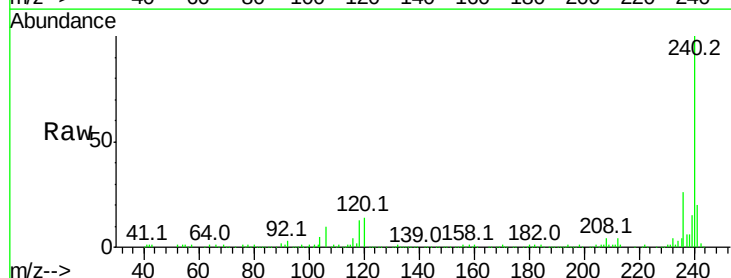
Tgt Ion:240 Resp: 197755

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

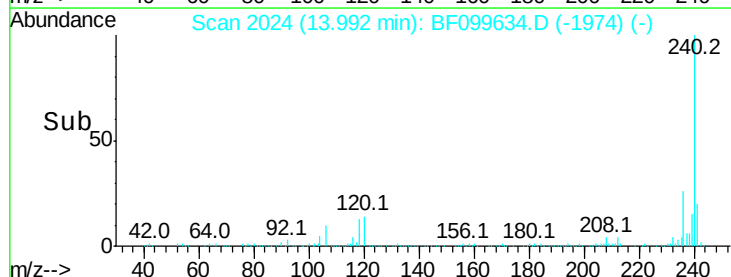
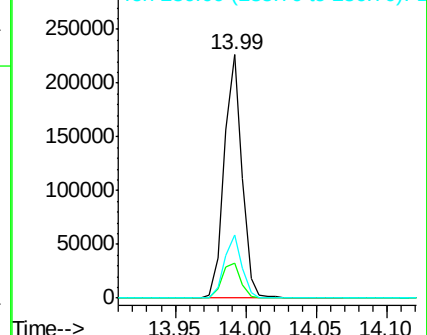
236 25.7 20.7 31.1

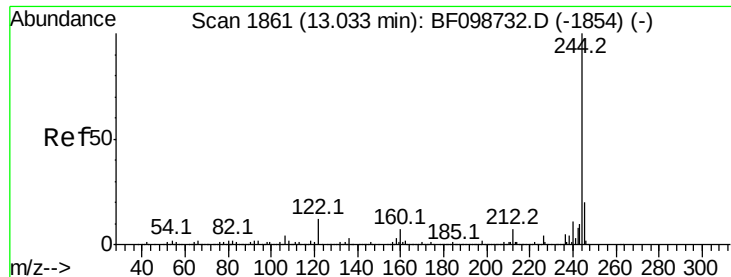


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 34.363 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

Instrument :

BNA_F

ClientSampleId :

BR-01-101617

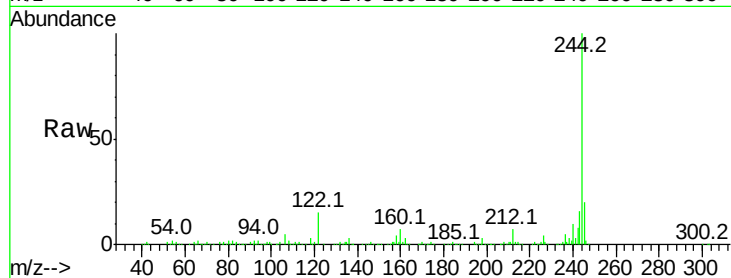
Tot Ion:244 Resp: 298806

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

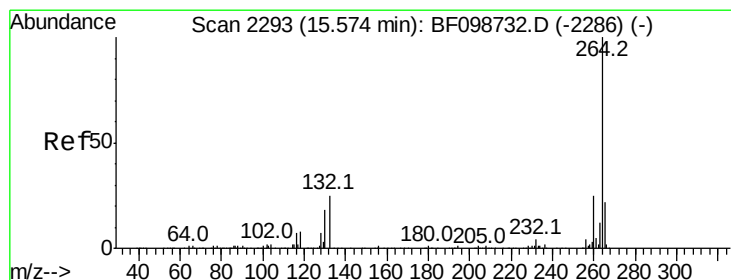
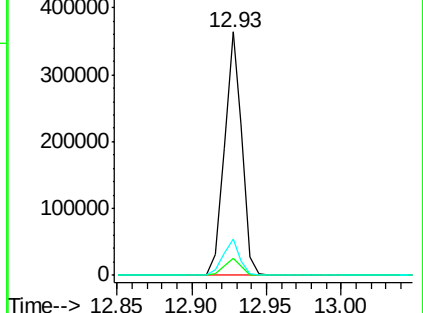
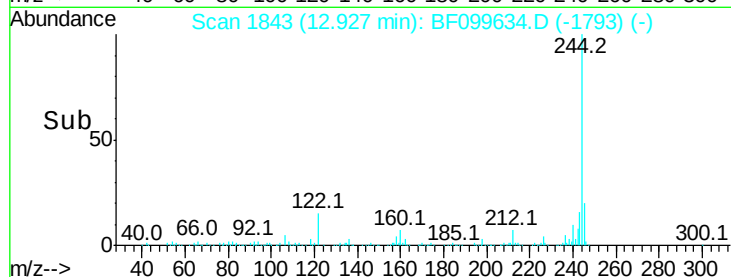
122 14.7 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099634.D

Acq: 18 Oct 2017 23:05

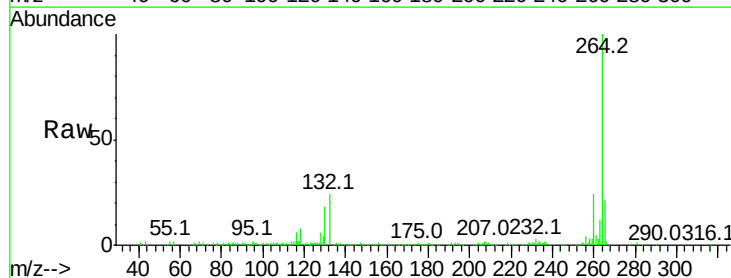
Tgt Ion:264 Resp: 168619

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.1 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

