

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099658.D
 Acq On : 19 Oct 2017 11:02
 Operator : SJ/JU
 Sample : I5935-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-E

Quant Time: Oct 19 17:40:48 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	89658	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	314959	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	76327	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	164875	20.00	ng	0.00
75) Chrysene-d12	13.99	240	157906	20.00	ng	0.00
86) Perylene-d12	15.46	264	64025	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	724145	128.57	ng	0.02
7) Phenol-d6	6.47	99	523226	75.31	ng	0.00
23) Nitrobenzene-d5	7.40	82	511323	104.11	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	132425	212.03	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	866796	189.58	ng	0.00
78) Terphenyl-d14	12.93	244	658032	94.77	ng	0.00

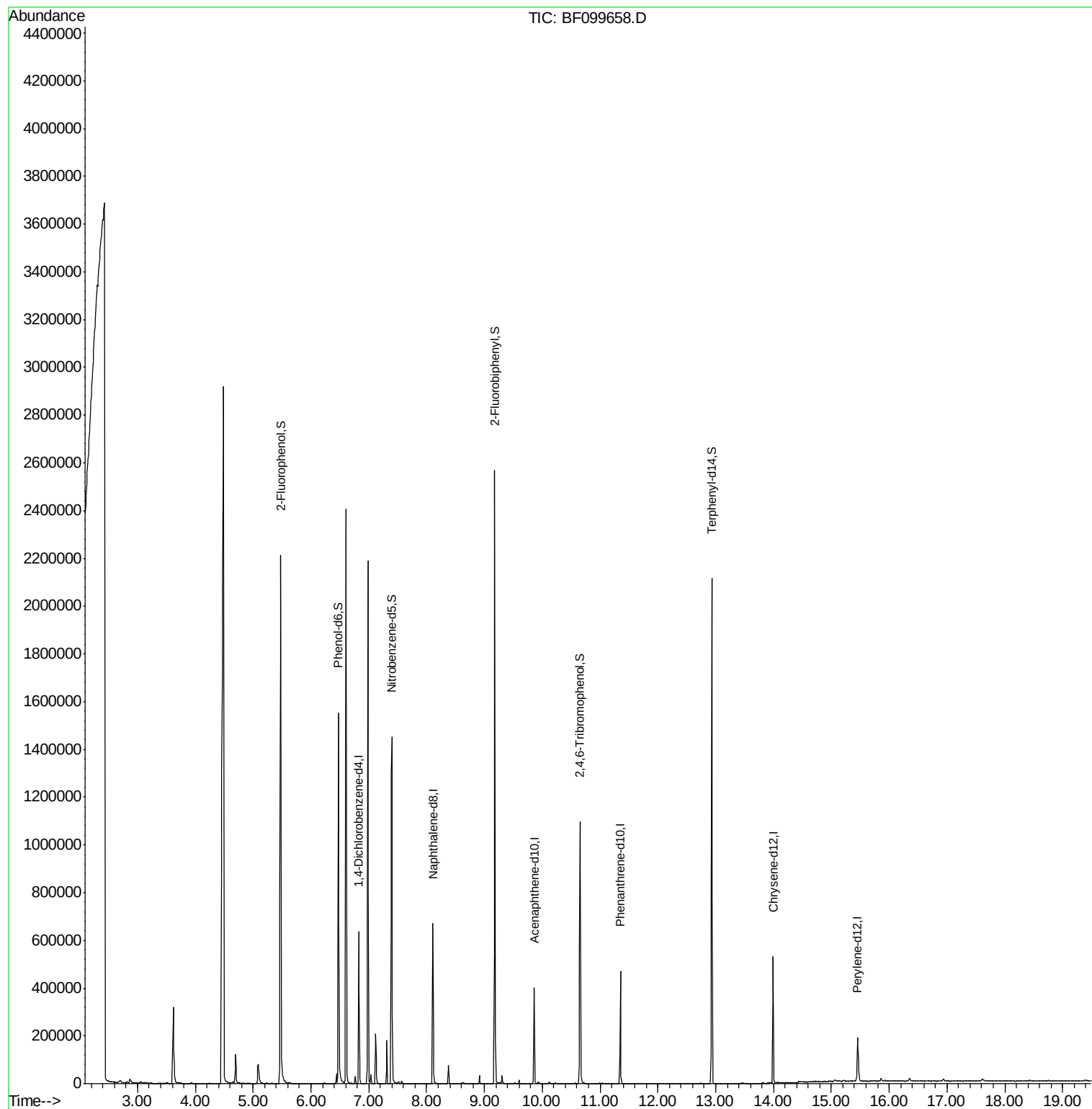
Target Compounds Qvalue

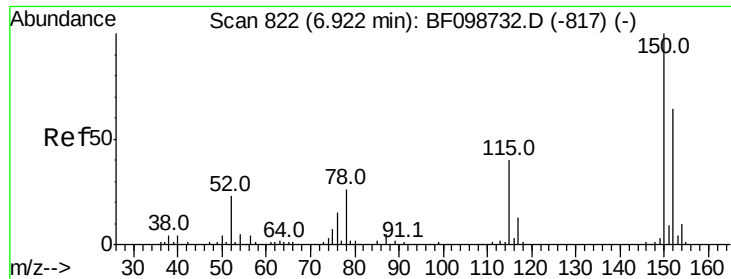
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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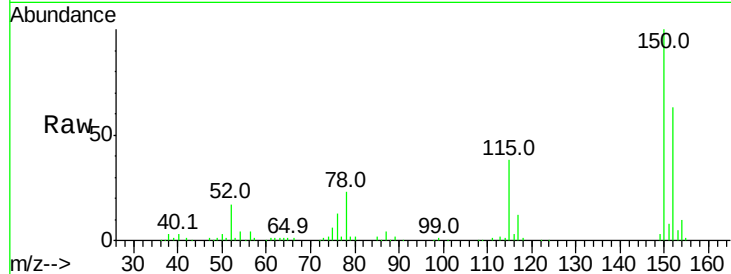


#1

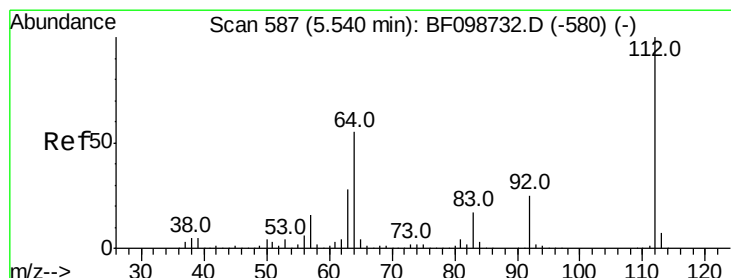
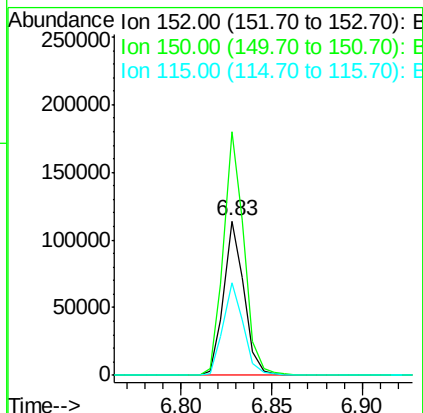
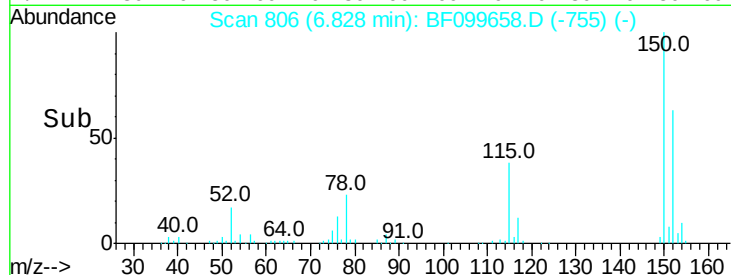
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099658.D
Acq: 19 Oct 2017 11:02

Instrument :
BNA_F
ClientSampleId :
CL-02-101617-E

Tot Ion:152 Resp: 89658
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 59.8 50.1 75.1



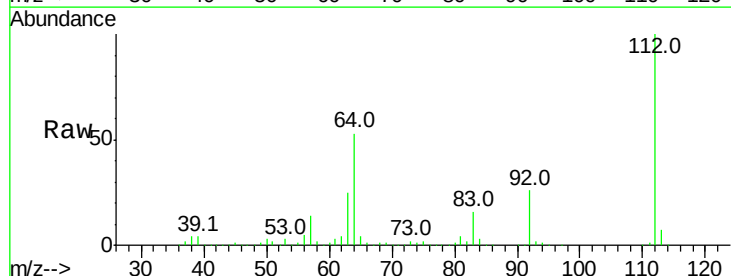
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



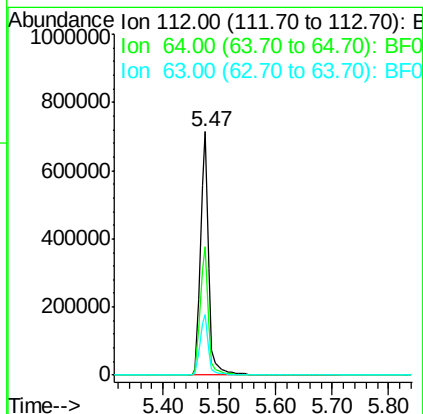
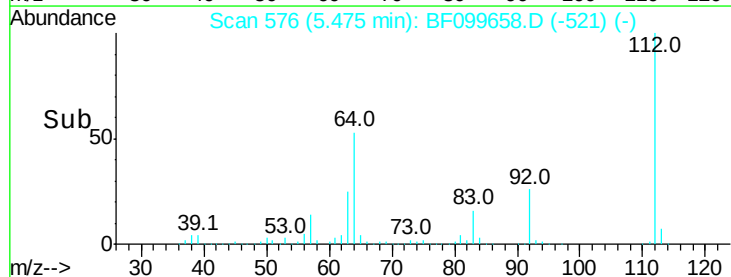
#5

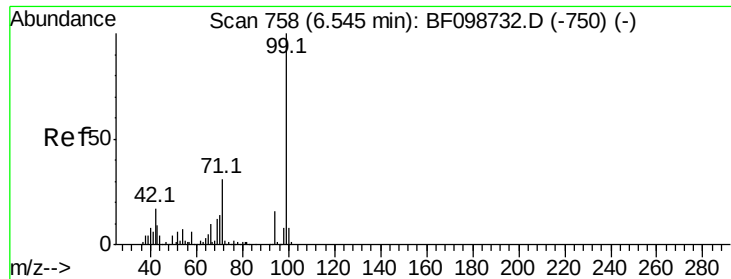
2-Fluorophenol
Concen: 128.574 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.02 min
Lab File: BF099658.D
Acq: 19 Oct 2017 11:02

Tgt Ion:112 Resp: 724145
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 25.0 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: 75.307 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Instrument :

BNA_F

ClientSampleId :

CL-02-101617-E

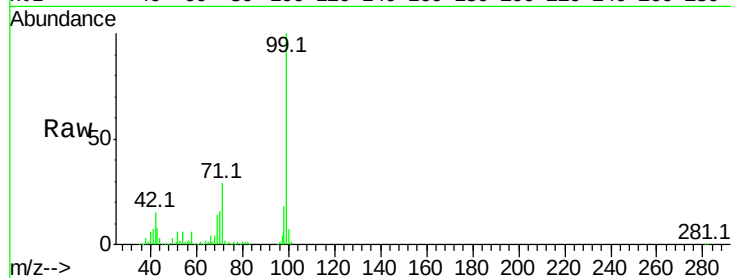
Tot Ion: 99 Resp: 523226

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

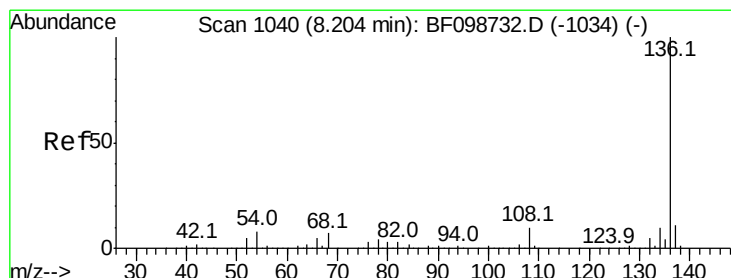
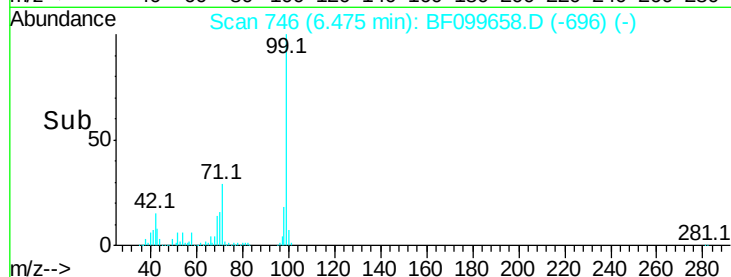
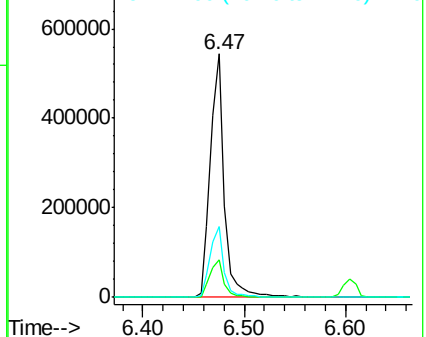
71 29.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Tgt Ion: 136 Resp: 314959

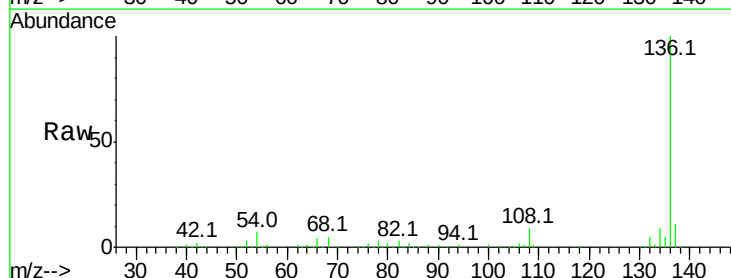
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.4 5.0 7.4

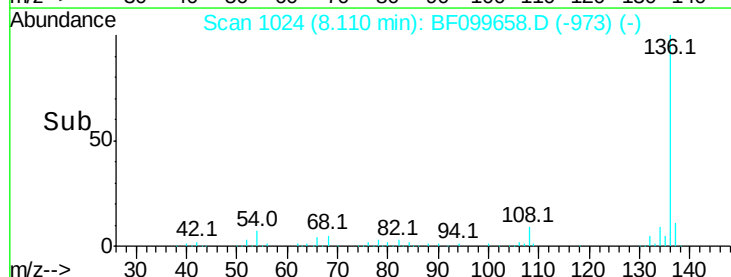
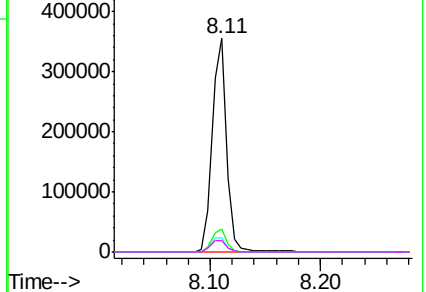


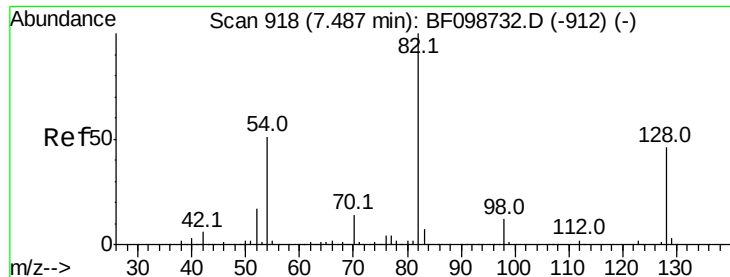
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

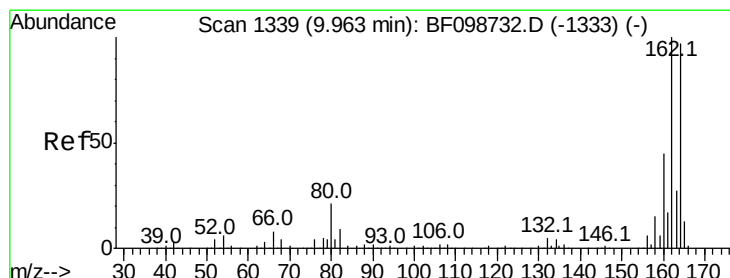
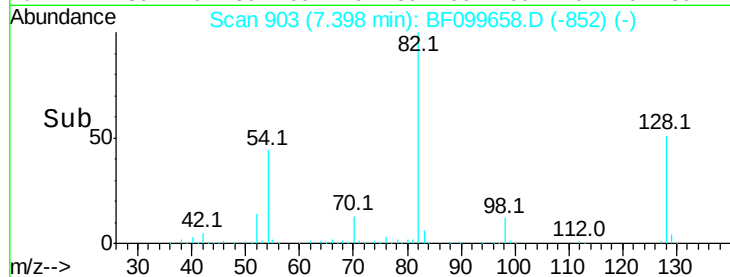
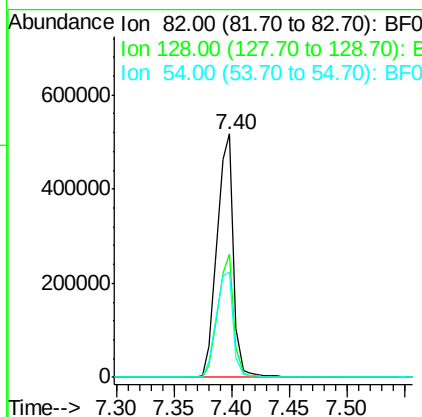
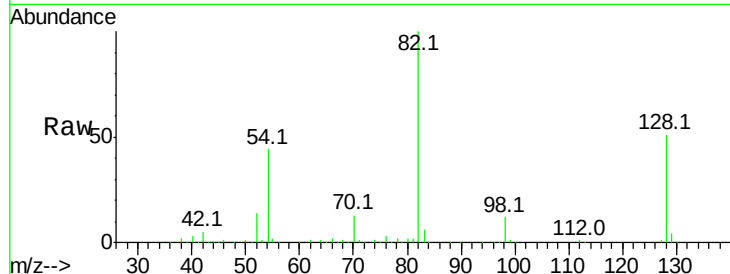




#23
 Nitrobenzene-d5
 Concen: 104.113 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

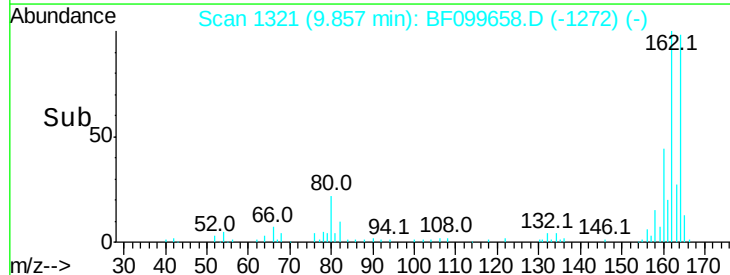
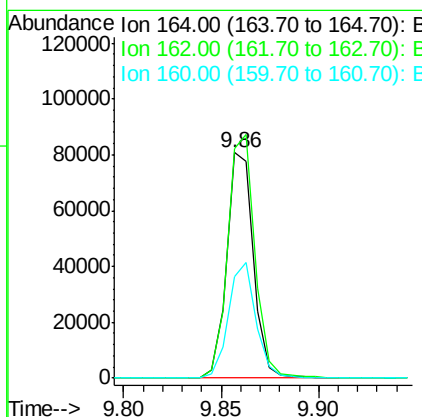
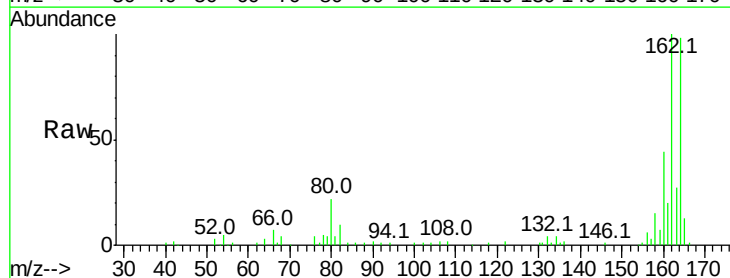
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-E

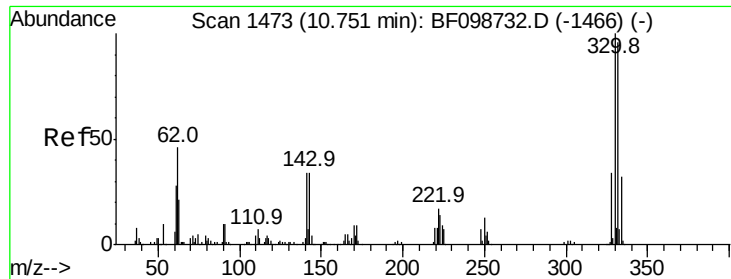
Tot Ion	82	Resp	511323
Ion Ratio	100	Lower	Upper
128	50.9	36.1	54.1
54	43.5	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Tgt Ion	164	Resp	76327
Ion Ratio	100	Lower	Upper
162	102.0	86.1	129.1
160	45.1	38.3	57.5

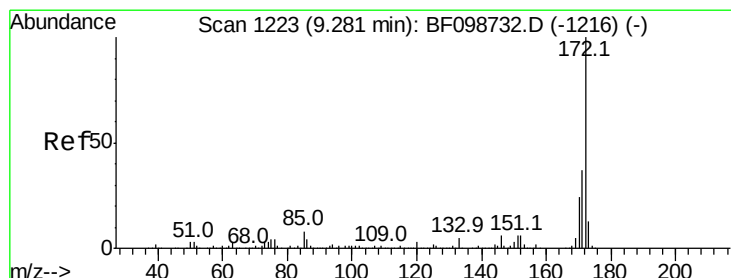
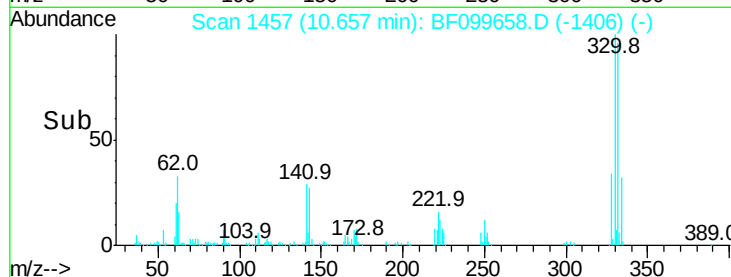
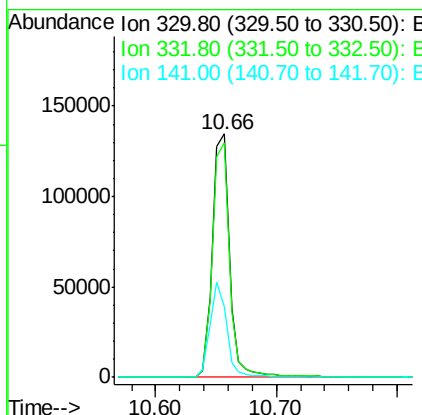
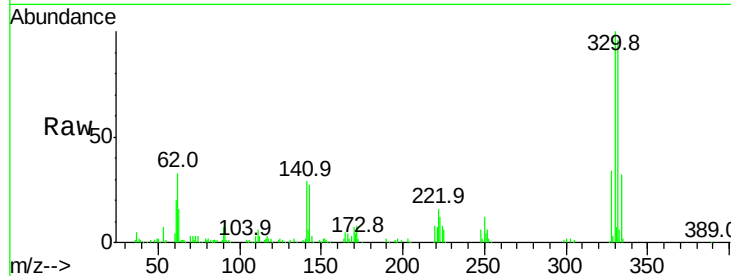




#41
 2,4,6-Tribromophenol
 Concen: 212.029 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

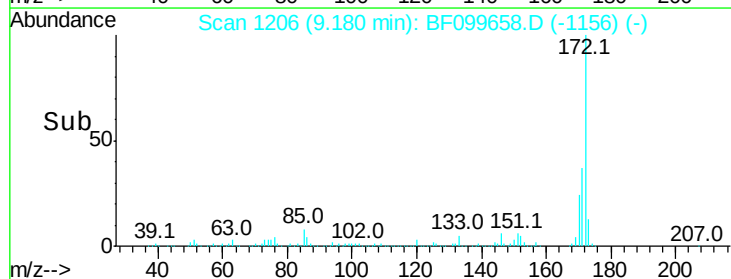
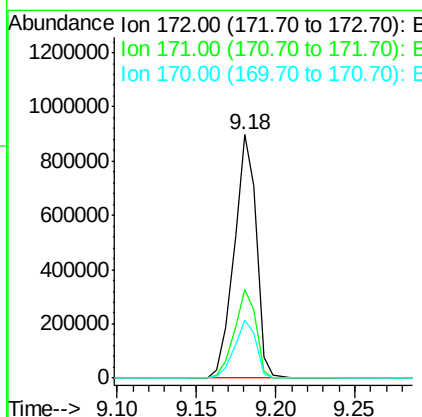
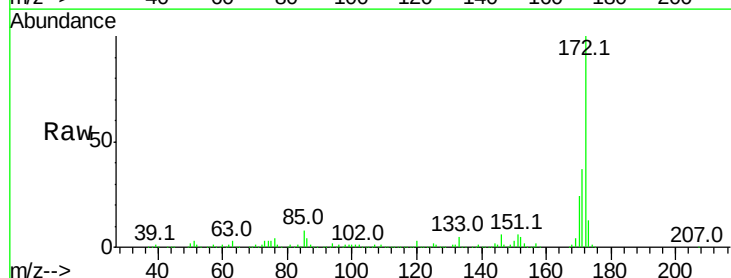
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-E

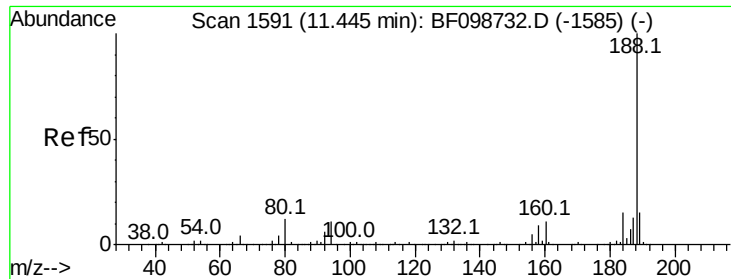
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	37.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 189.585 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

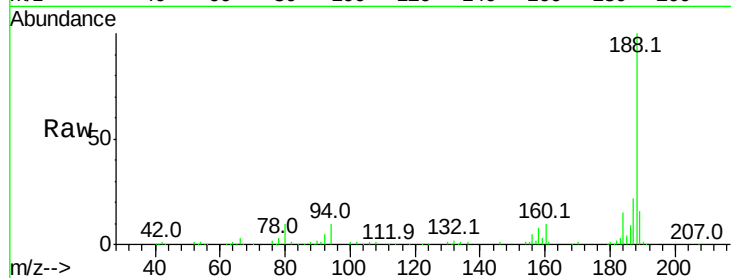




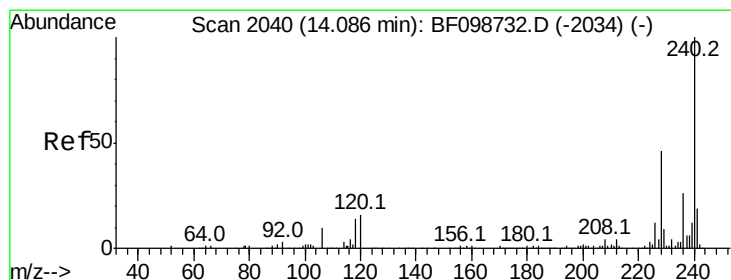
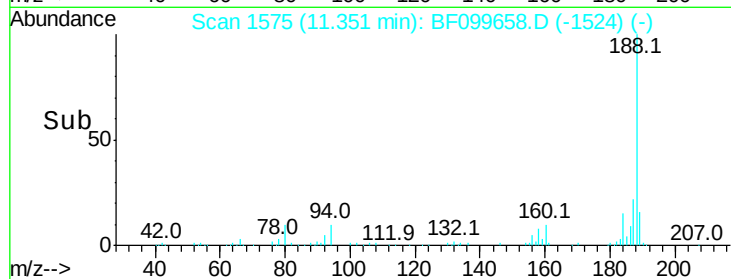
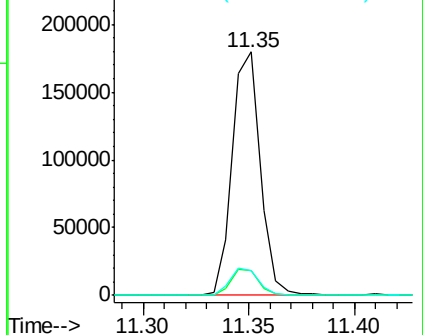
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101617-E

Tot Ion:188 Resp: 164875
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.1 9.2 13.8



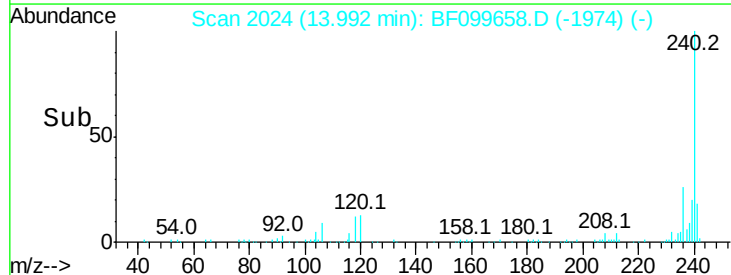
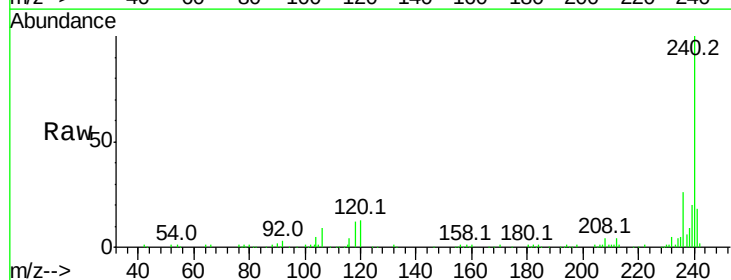
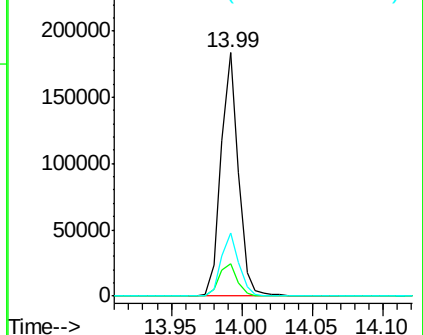
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

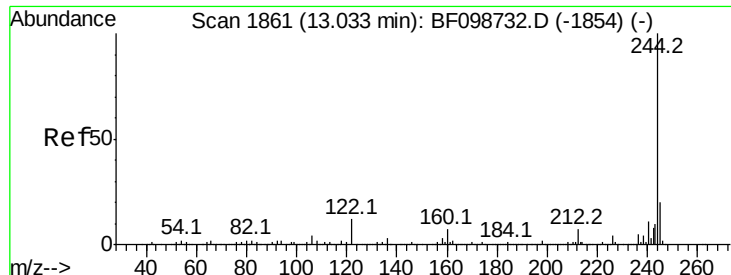


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099658.D
 Acq: 19 Oct 2017 11:02

Tgt Ion:240 Resp: 157906
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.8 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: 94.771 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099658.D

Acq: 19 Oct 2017 11:02

Instrument :

BNA_F

ClientSampleId :

CL-02-101617-E

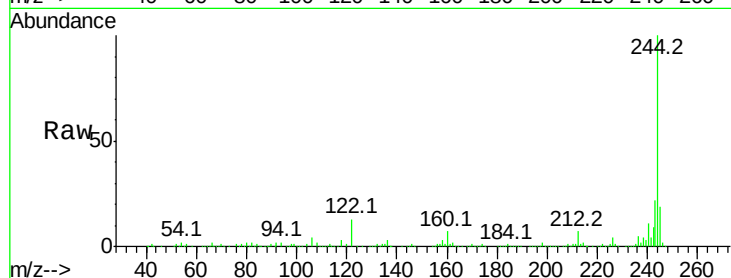
Tot Ion:244 Resp: 658032

Ion Ratio Lower Upper

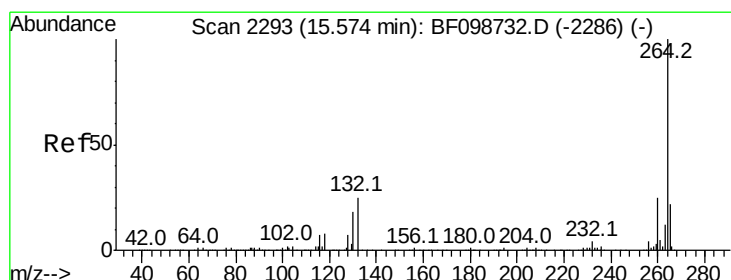
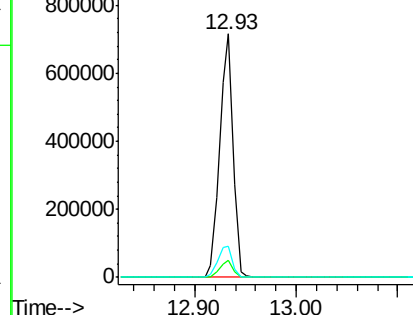
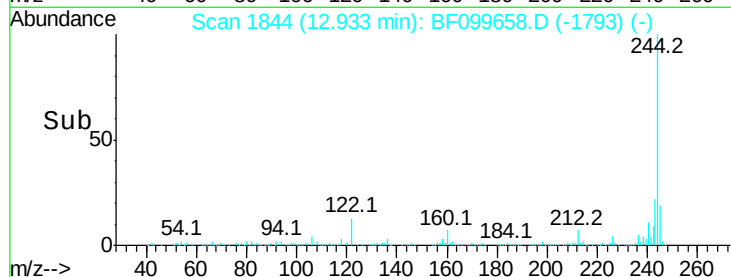
244 100

212 7.1 5.4 8.0

122 12.8 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: BF099658.D

Acq: 19 Oct 2017 11:02

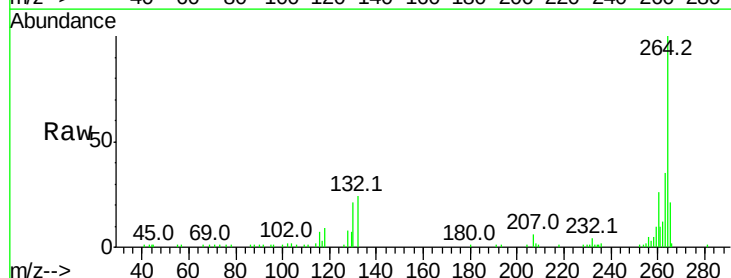
Tgt Ion:264 Resp: 64025

Ion Ratio Lower Upper

264 100

260 26.5 19.2 28.8

265 20.9 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

