

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099078.D
 Acq On : 4 Oct 2017 20:32
 Operator : SJ/JU
 Sample : I5530-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-092817

Quant Time: Oct 05 05:14:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	143014	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	587018	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	264205	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	468553	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	319163	20.00	ng	-0.06
86) Perylene-d12	15.50	264	240471	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	601560	66.96	ng	-0.05
7) Phenol-d6	6.49	99	474859	42.85	ng	-0.06
23) Nitrobenzene-d5	7.43	82	854863	93.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	281489	130.20	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1472163	93.02	ng	-0.06
78) Terphenyl-d14	12.97	244	1281473	91.31	ng	-0.06

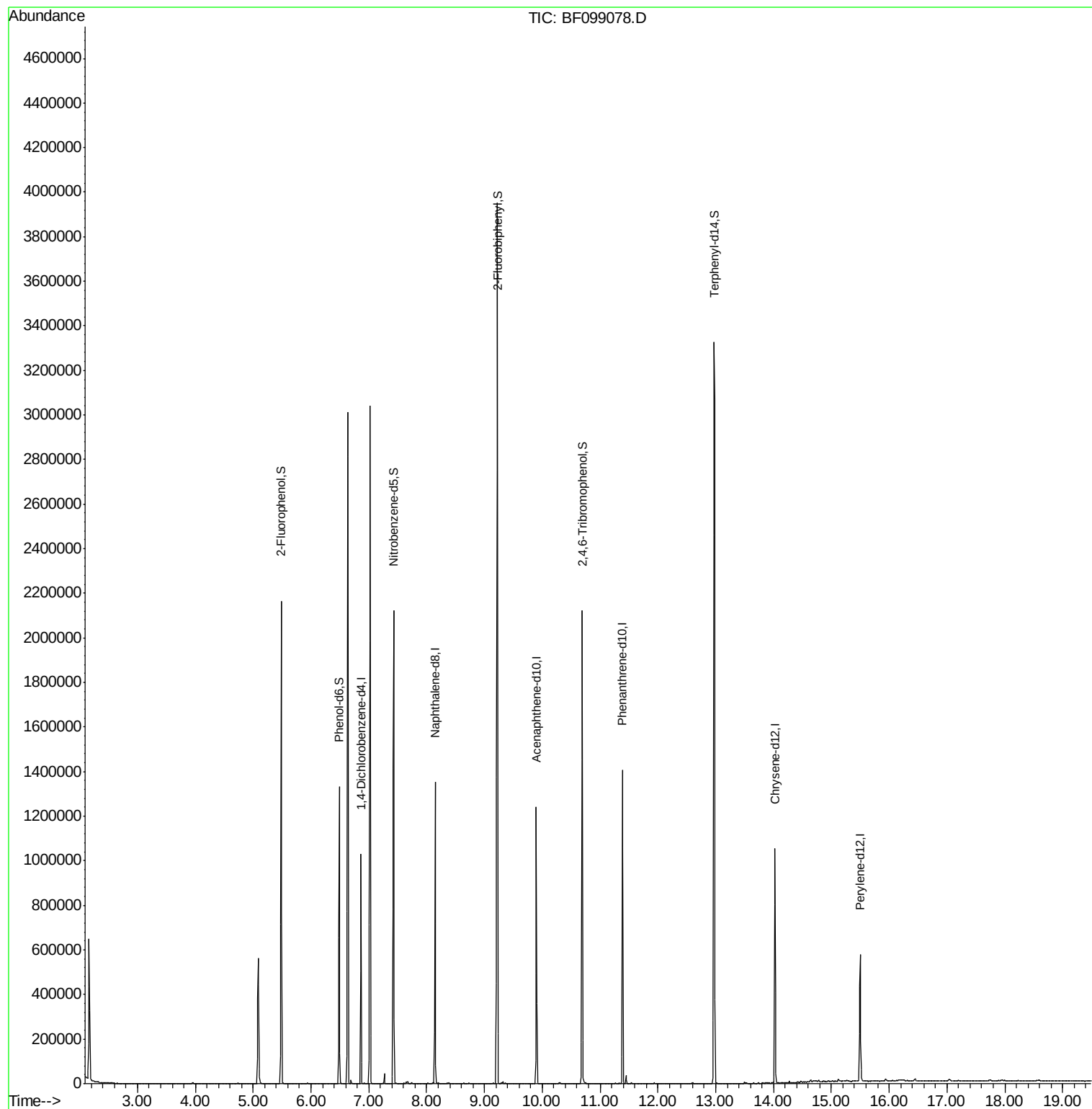
Target Compounds Qvalue

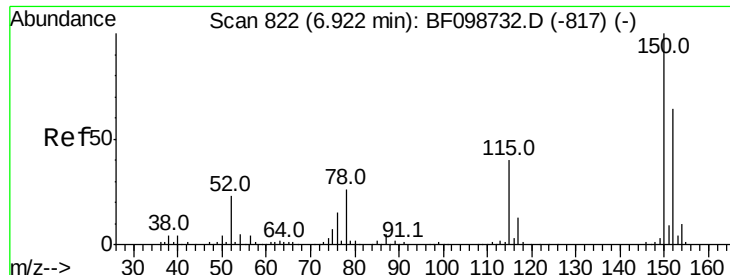
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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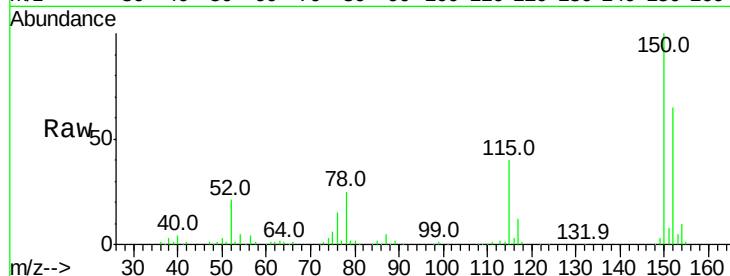


#1

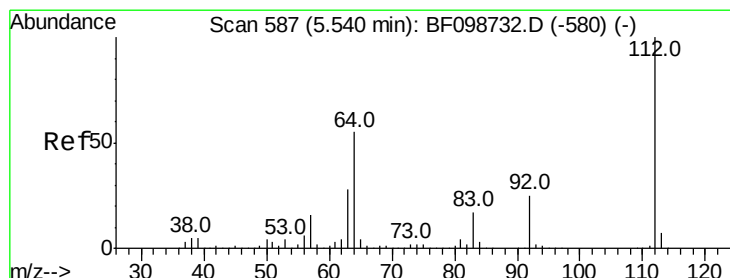
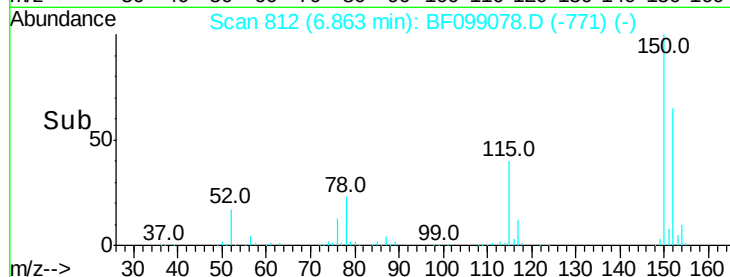
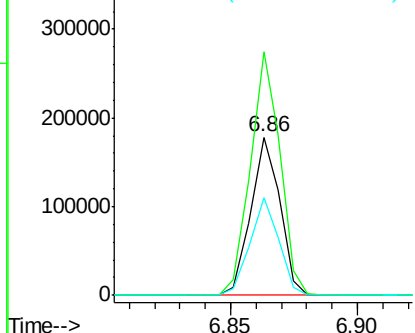
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 FB-092817

Tot Ion:152 Resp: 143014
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 61.6 50.1 75.1



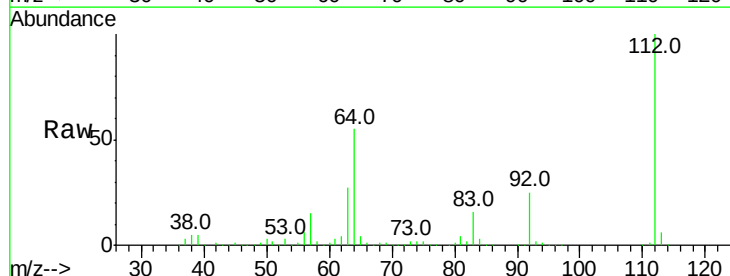
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



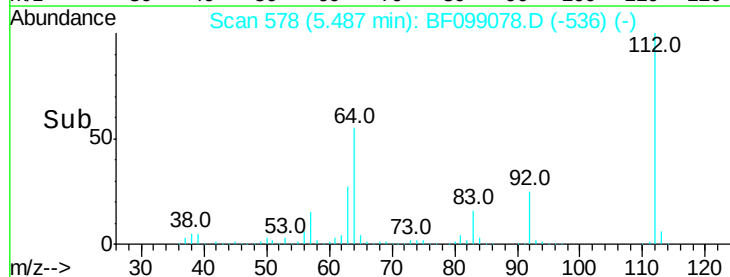
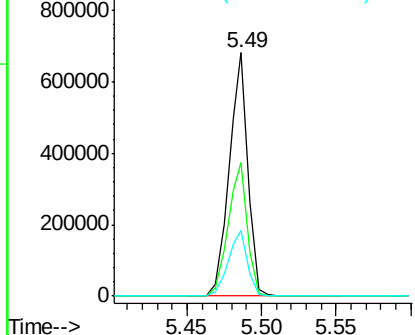
#5

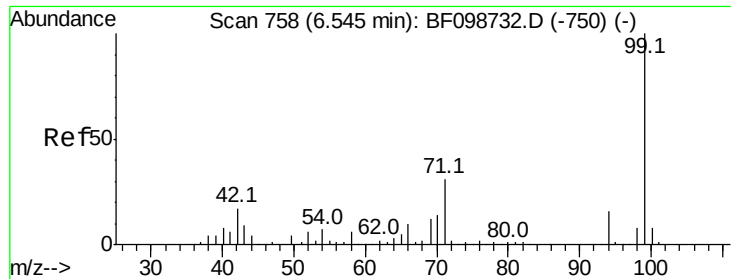
2-Fluorophenol
 Concen: 66.960 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Tgt Ion:112 Resp: 601560
 Ion Ratio Lower Upper
 112 100
 64 55.1 47.9 71.9
 63 26.7 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: 42.847 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

Instrument :

BNA_F

ClientSampleId :

FB-092817

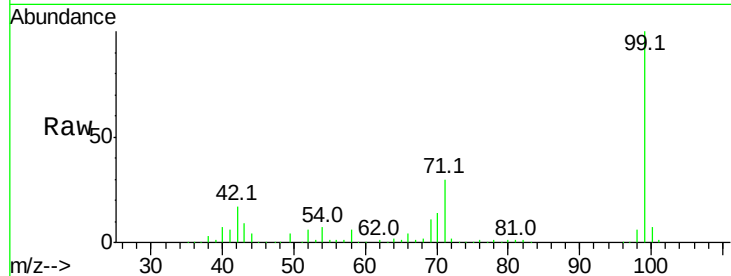
Tot Ion: 99 Resp: 474859

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

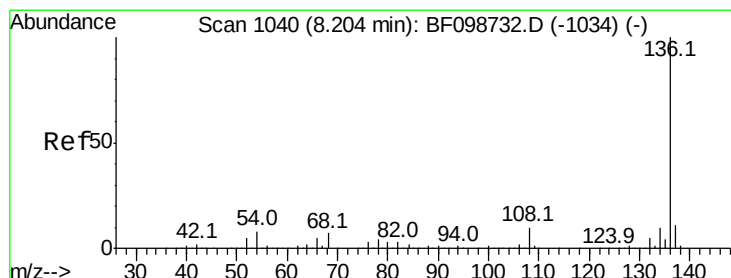
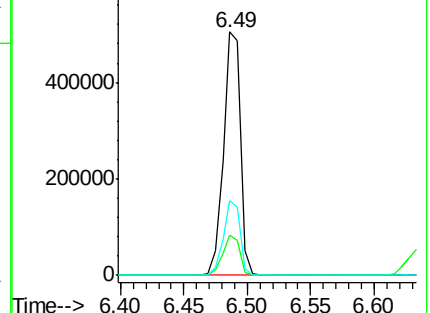
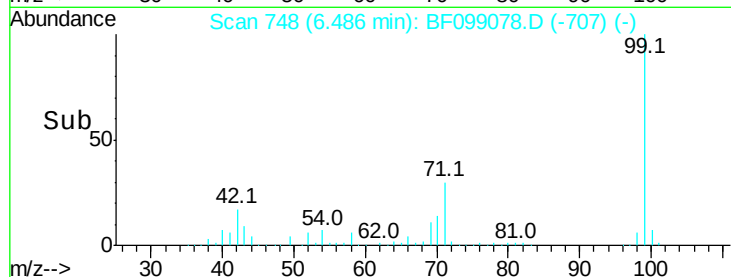
71 30.5 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.06 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

Tgt Ion: 136 Resp: 587018

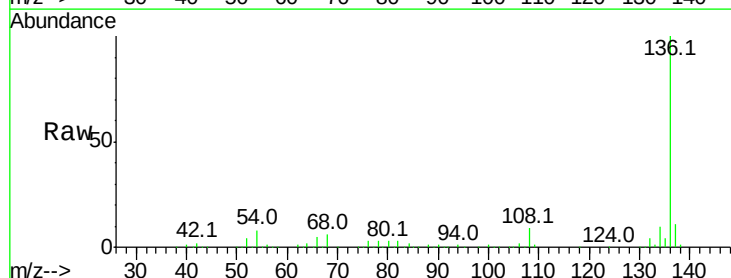
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 6.0 5.0 7.4

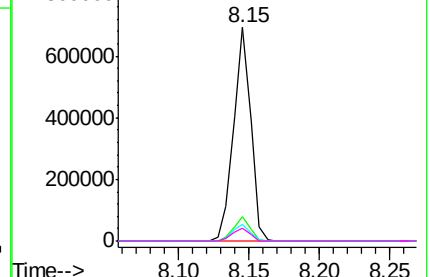
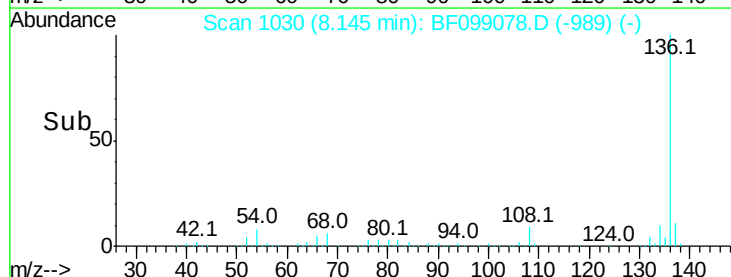


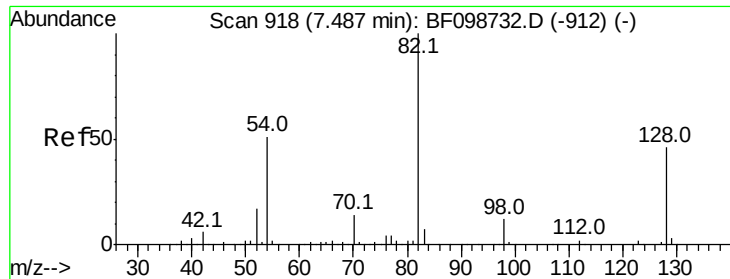
Abundance Ion 136.00 (135.70 to 136.70): E

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

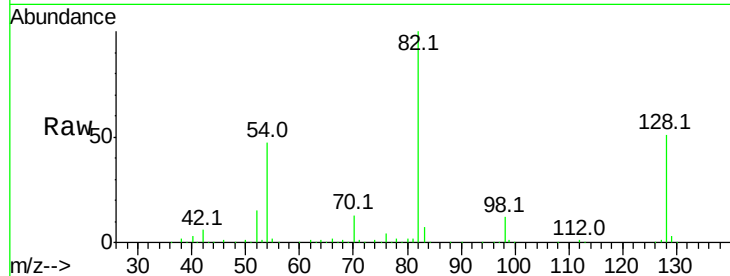




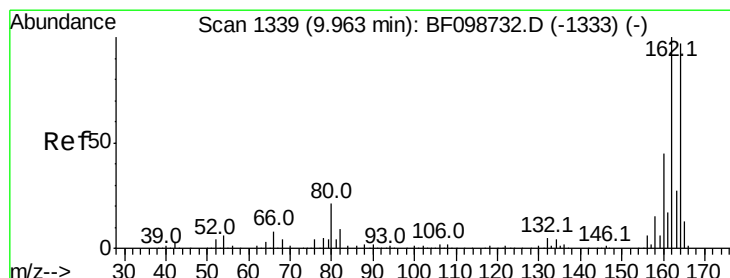
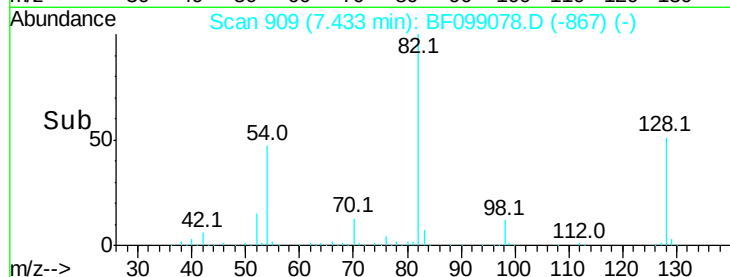
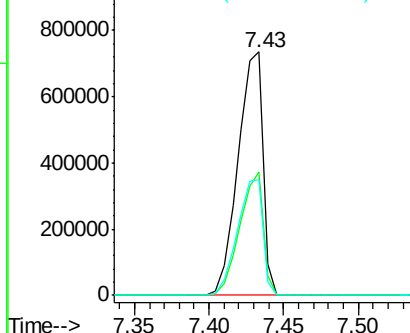
#23
 Nitrobenzene-d5
 Concen: 93.391 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.05 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 FB-092817

Tot Ion	82	Resp	854863
Ion Ratio	Lower	Upper	
82	100		
128	50.5	36.1	54.1
54	47.5	41.4	62.2

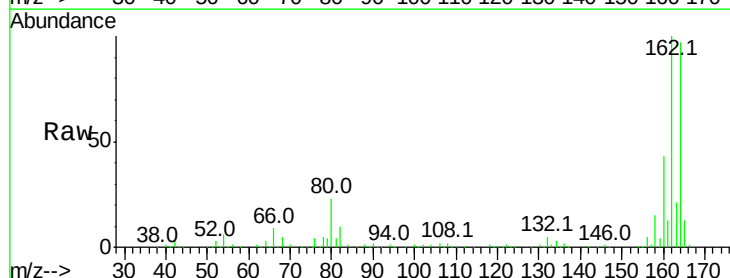


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

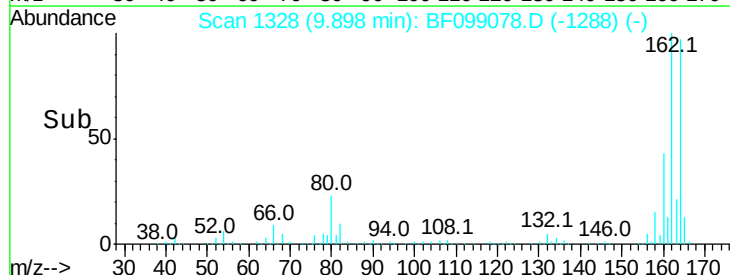
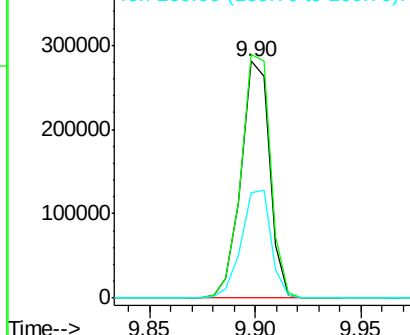


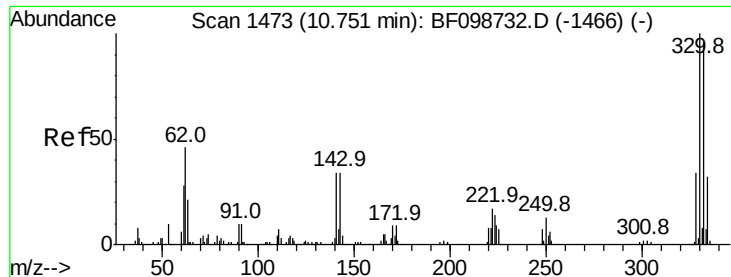
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Tgt Ion	164	Resp	264205
Ion Ratio	Lower	Upper	
164	100		
162	102.9	86.1	129.1
160	44.5	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

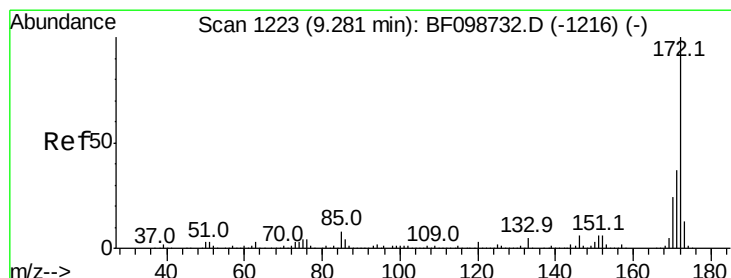
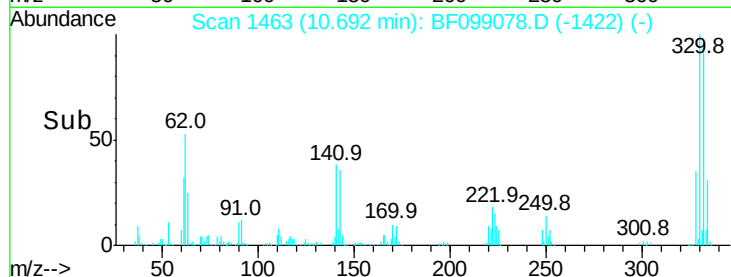
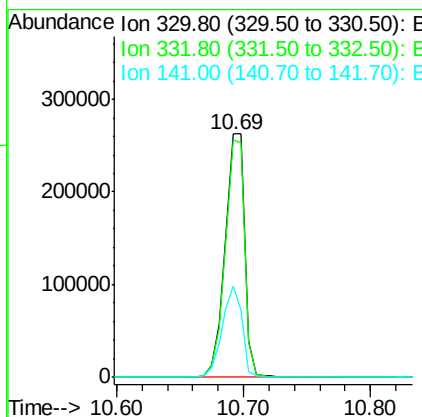
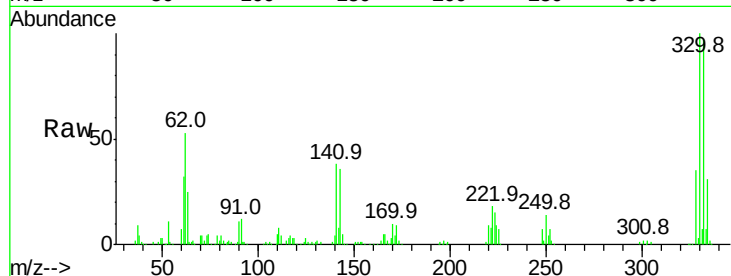




#41
 2,4,6-Tribromophenol
 Concen: 130.204 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

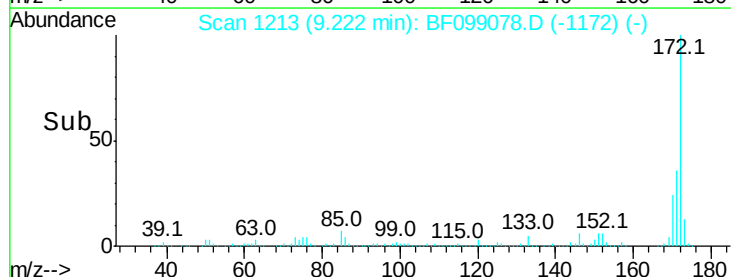
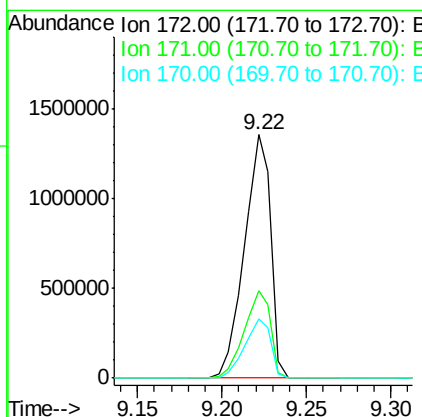
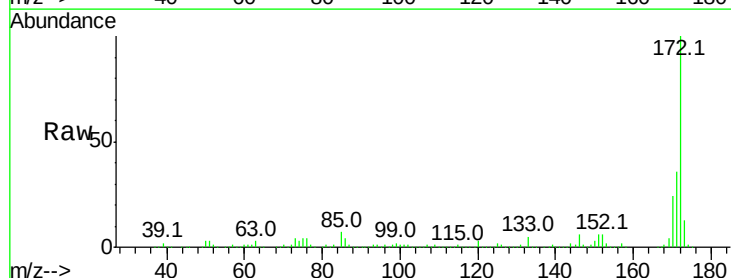
Instrument :
 BNA_F
 ClientSampleId :
 FB-092817

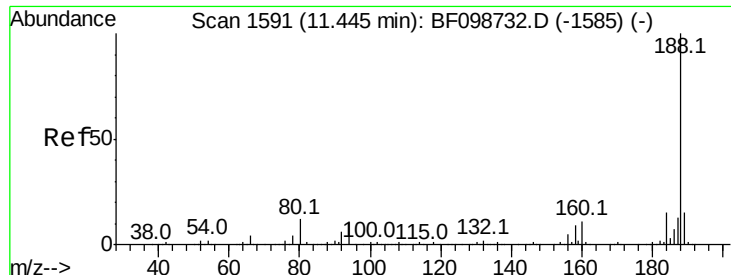
Tot Ion:330 Resp: 281489
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 38.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 93.021 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099078.D
 Acq: 4 Oct 2017 20:32

Tgt Ion:172 Resp: 1472163
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.4 19.6 29.4

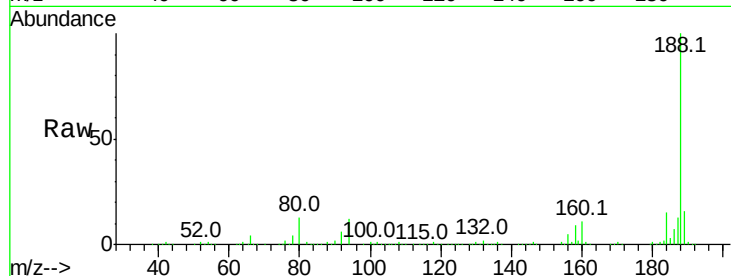




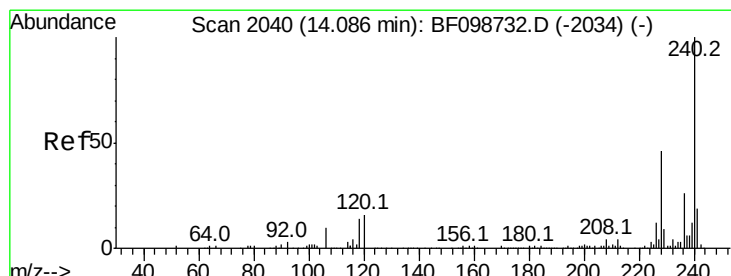
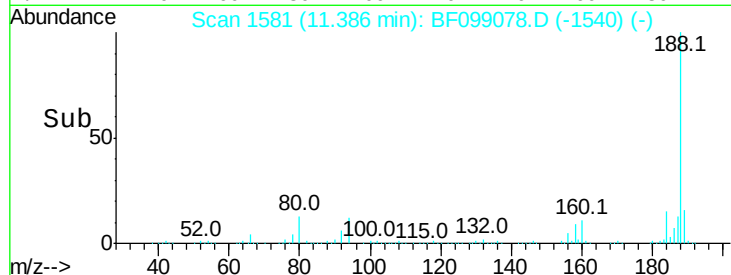
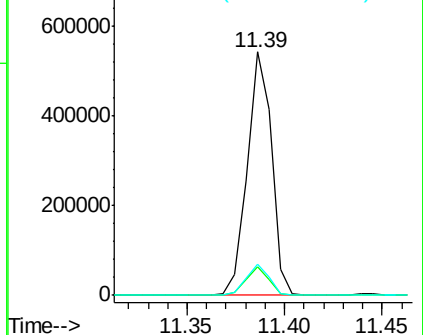
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

Instrument :
BNA_F
ClientSampleId :
FB-092817

Tot Ion:188 Resp: 468553
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.9 9.2 13.8

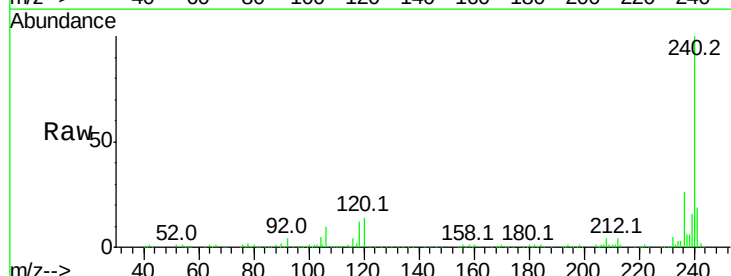


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

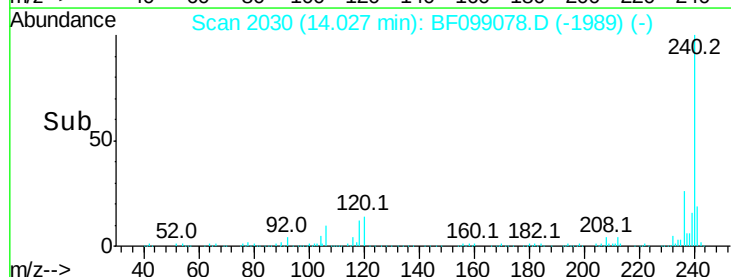
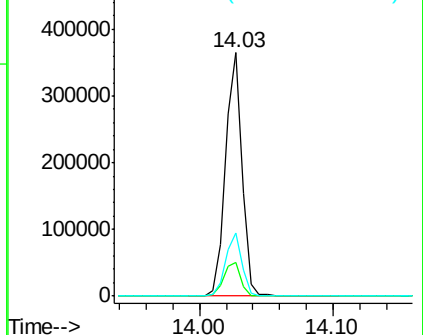


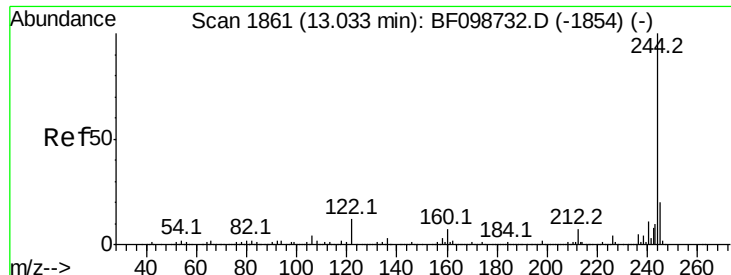
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099078.D
Acq: 4 Oct 2017 20:32

Tgt Ion:240 Resp: 319163
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.0 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: 91.312 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

Instrument :

BNA_F

ClientSampleId :

FB-092817

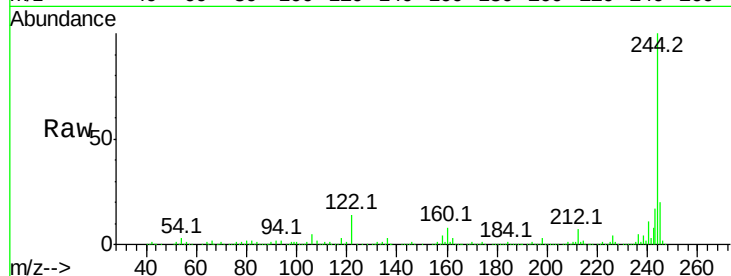
Tot Ion:244 Resp: 1281473

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

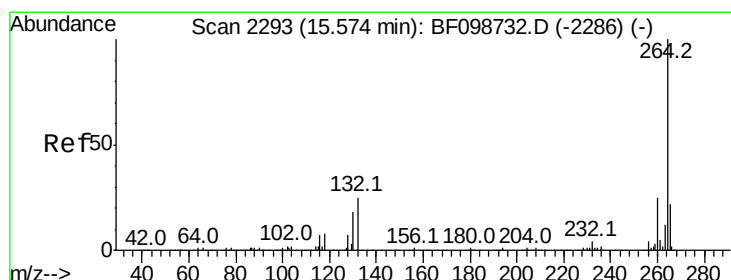
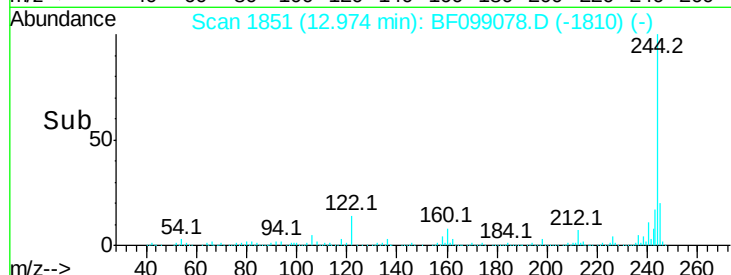
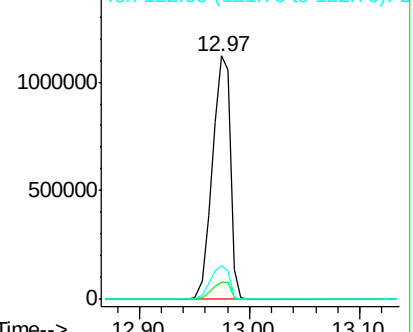
122 14.0 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.08 min

Lab File: BF099078.D

Acq: 4 Oct 2017 20:32

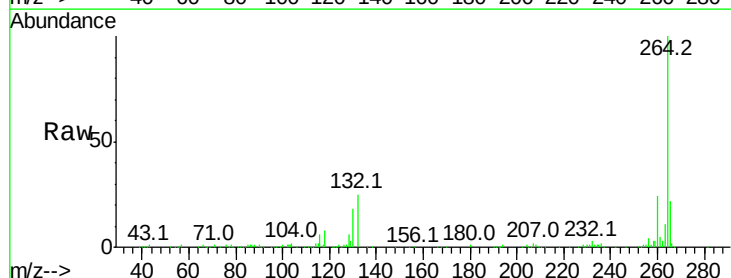
Tgt Ion:264 Resp: 240471

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.6 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

