

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099652.D
 Acq On : 19 Oct 2017 8:16
 Operator : SJ/JU
 Sample : I5952-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

Quant Time: Oct 19 17:32:25 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	84587	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	300786	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	107008	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	170842	20.00	ng	0.00
75) Chrysene-d12	13.99	240	180708	20.00	ng	0.00
86) Perylene-d12	15.46	264	143043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	634729	119.45	ng	0.02
7) Phenol-d6	6.47	99	647766	98.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	463657	98.86	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	121804	139.11	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	783183	122.18	ng	0.00
78) Terphenyl-d14	12.93	244	648827	81.65	ng	0.00

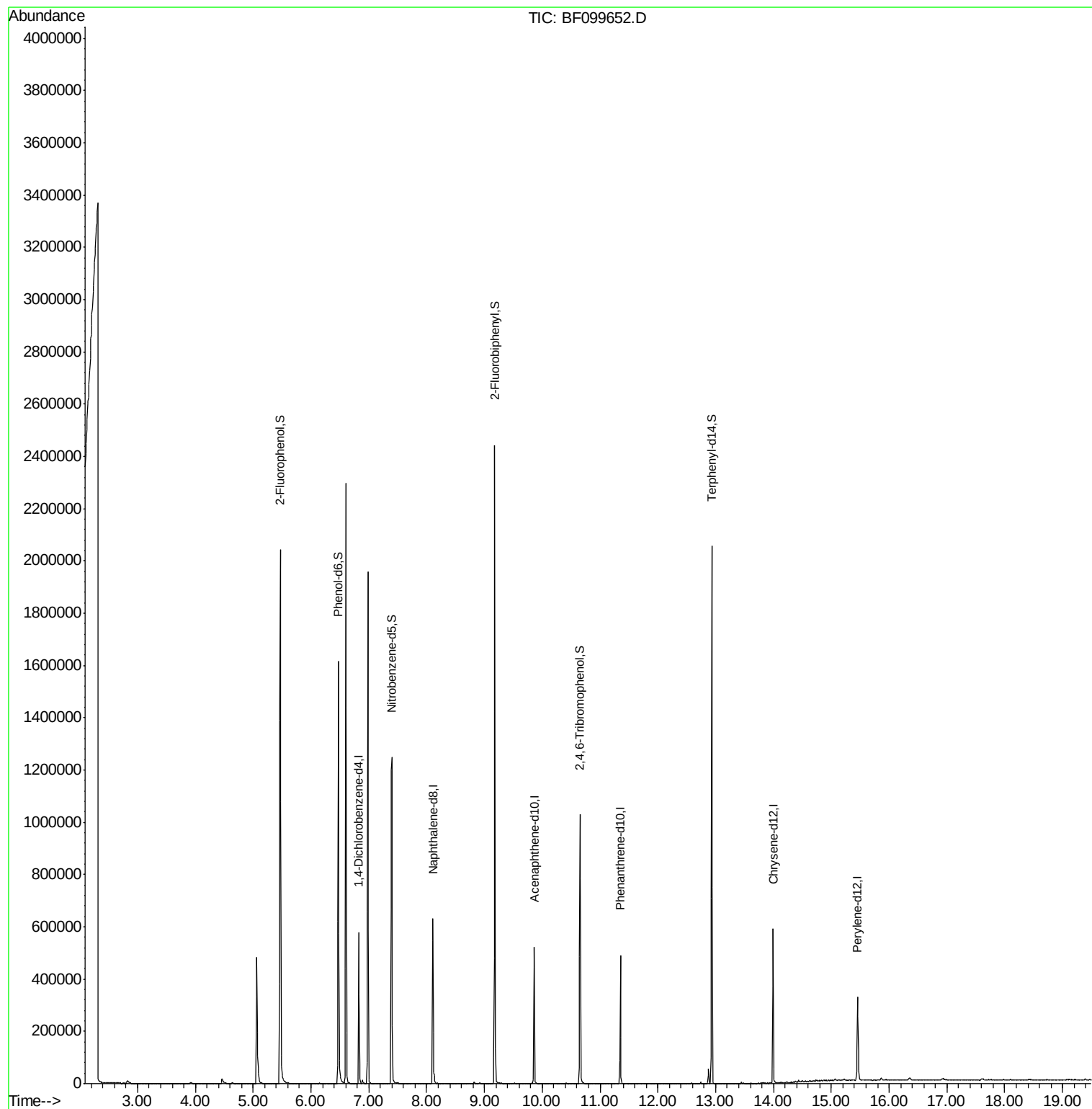
Target Compounds Qvalue

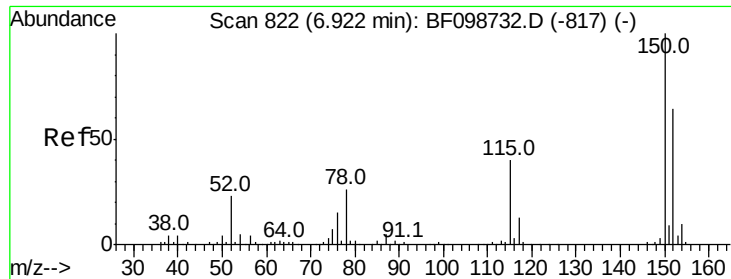
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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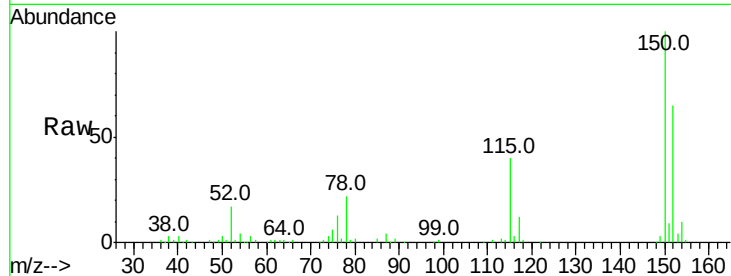


#1

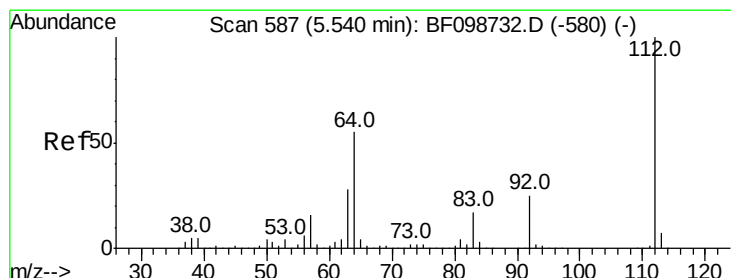
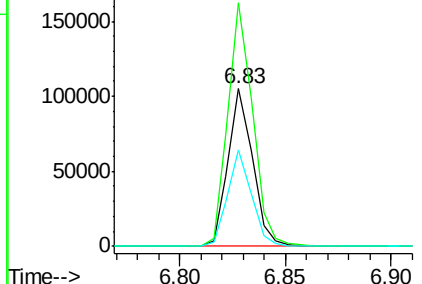
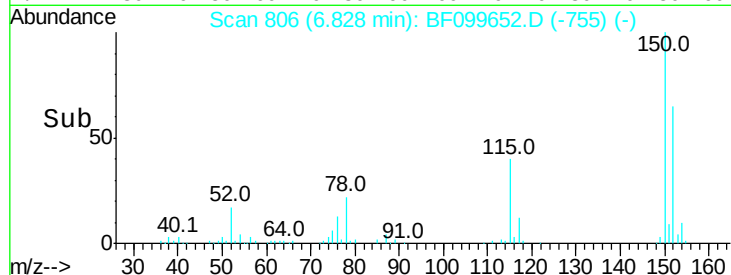
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

Tot Ion:152 Resp: 84587
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.6 186.8
 115 61.2 50.1 75.1



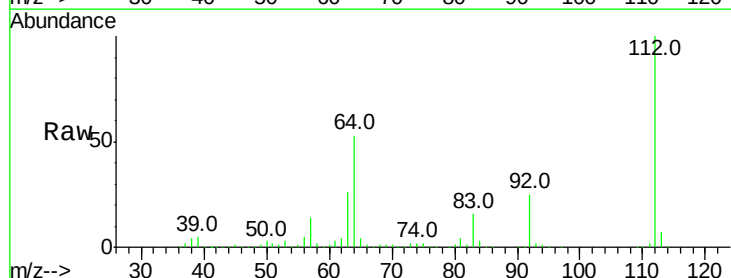
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



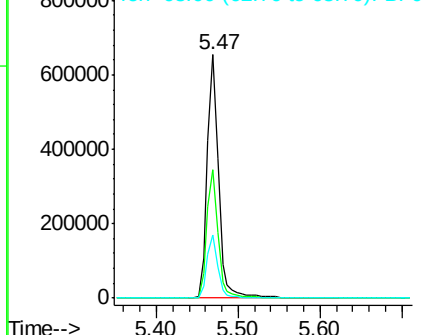
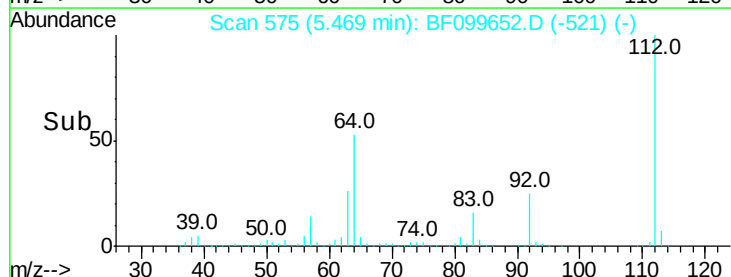
#5

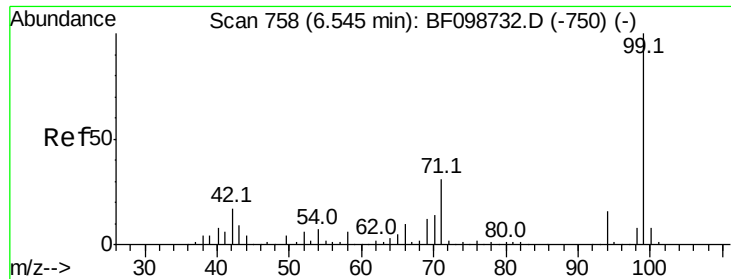
2-Fluorophenol
 Concen: 119.454 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

Tgt Ion:112 Resp: 634729
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 25.9 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: 98.822 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Instrument :

BNA_F

ClientSampleId :

RO-COMP

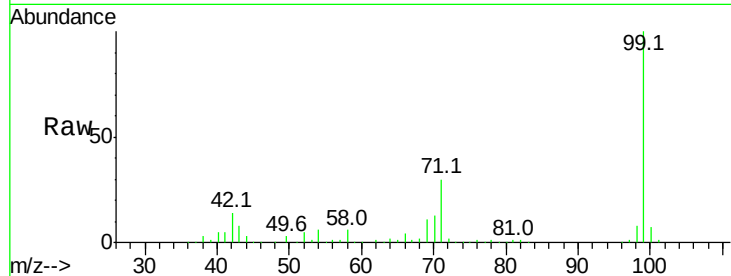
Tot Ion: 99 Resp: 647766

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

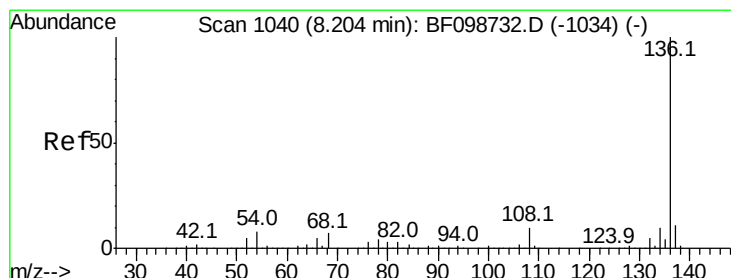
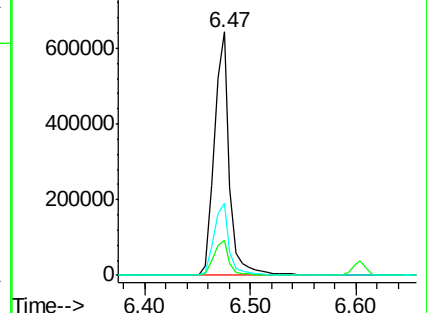
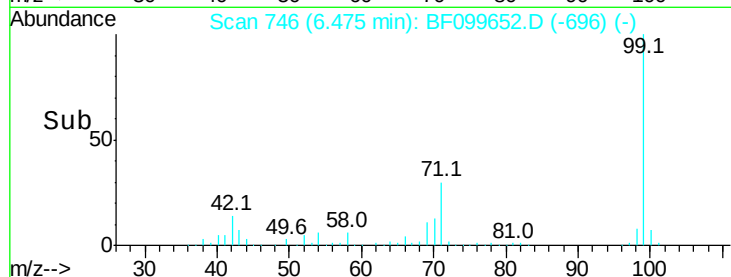
71 29.5 25.4 38.0



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: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Tgt Ion: 136 Resp: 300786

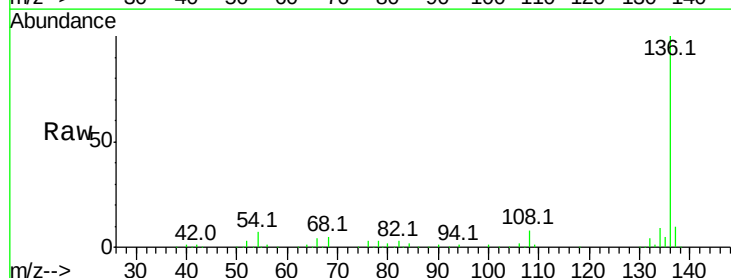
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.6 6.6 9.8

68 5.4 5.0 7.4

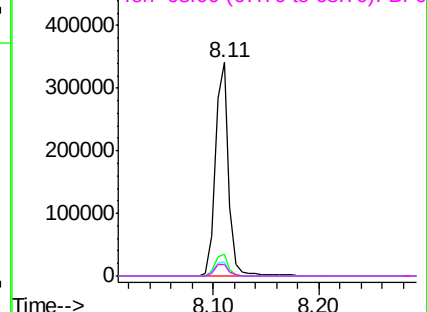
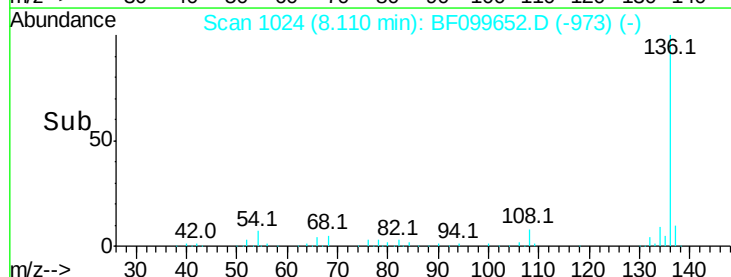


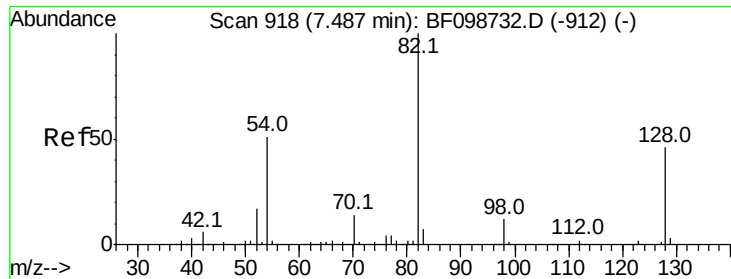
Abundance Ion 136.00 (135.70 to 136.70): E

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

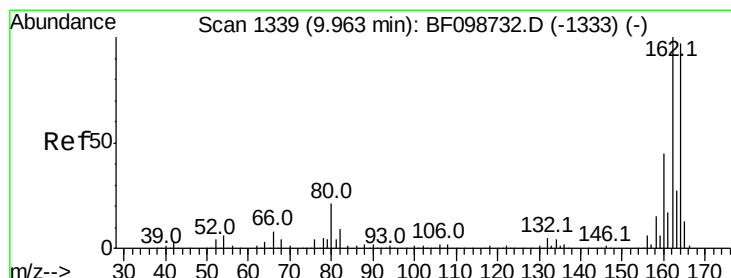
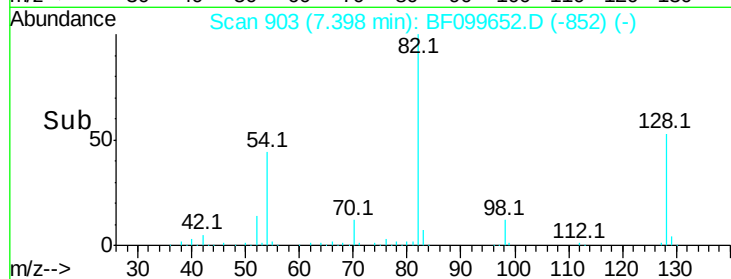
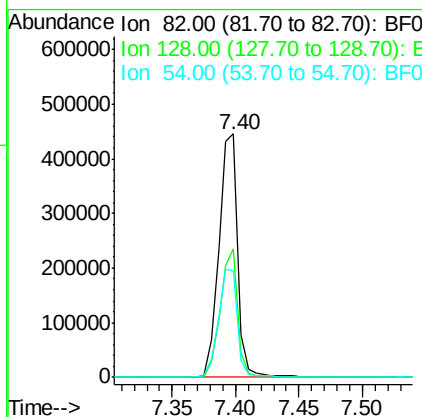
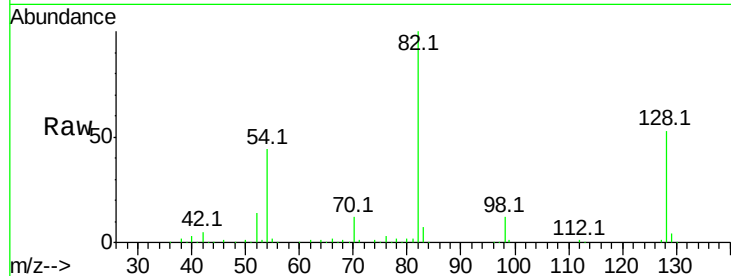




#23
 Nitrobenzene-d5
 Concen: 98.856 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

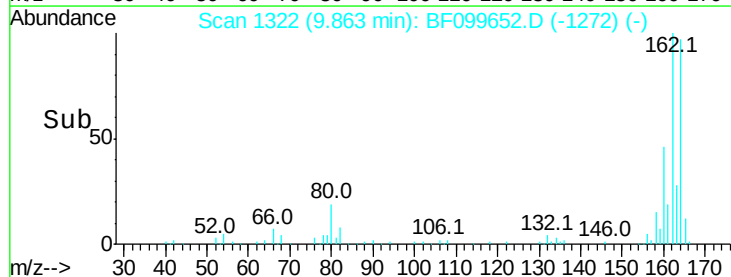
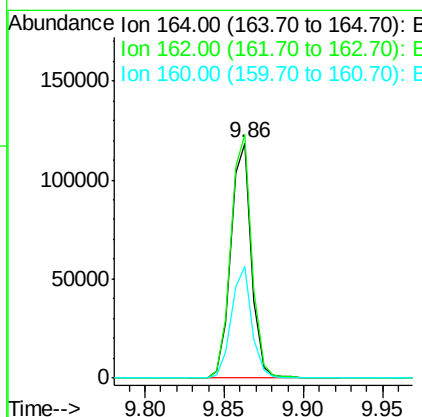
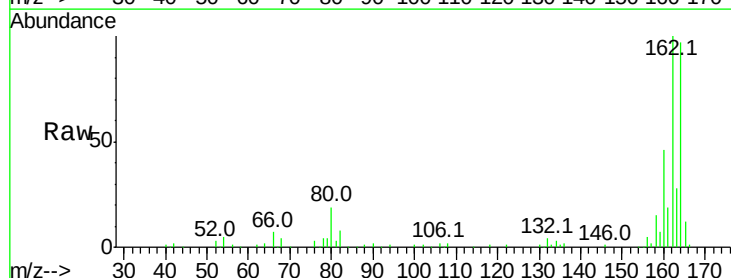
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

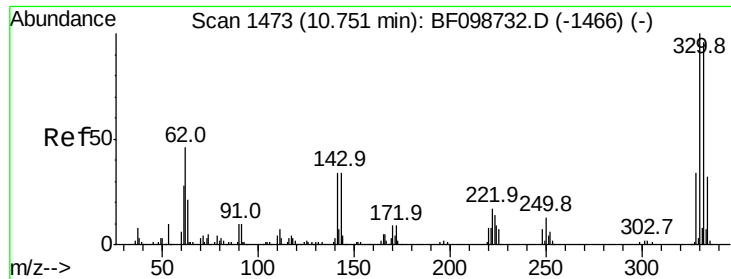
Tot Ion	82	Resp	463657
Ion	Ratio	Lower	Upper
82	100		
128	52.6	36.1	54.1
54	43.6	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

Tgt Ion	164	Resp	107008
Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.8	38.3	57.5

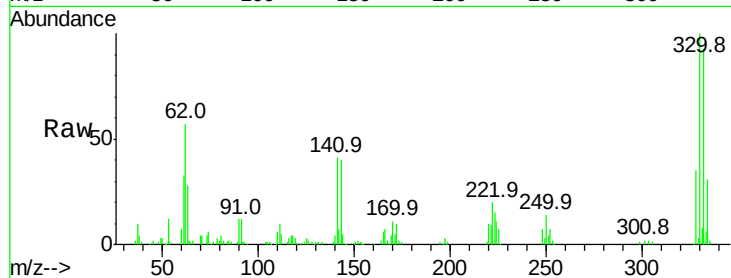




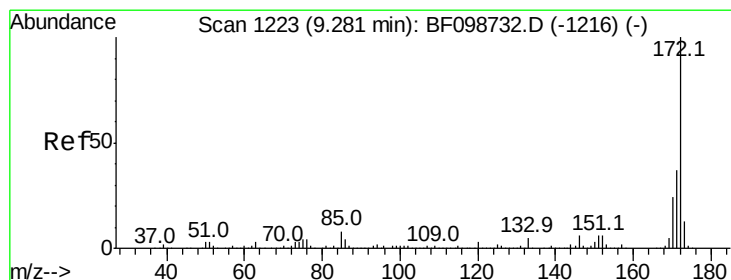
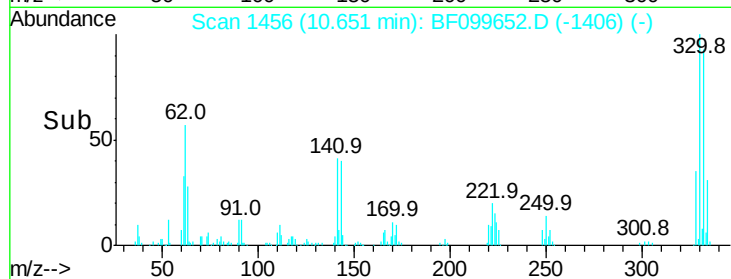
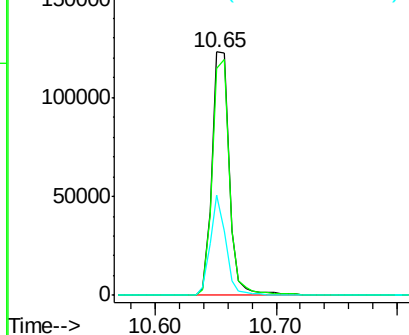
#41
 2,4,6-Tribromophenol
 Concen: 139.107 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP

Tot Ion:330 Resp: 121804
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 37.1 29.9 44.9

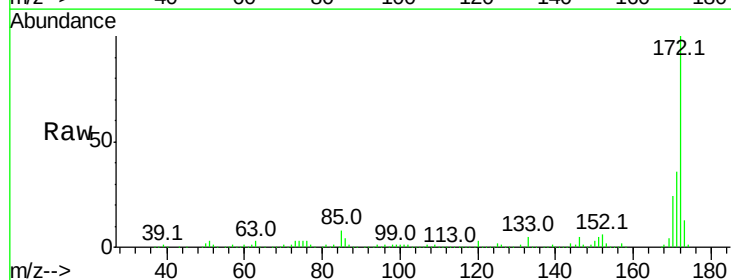


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

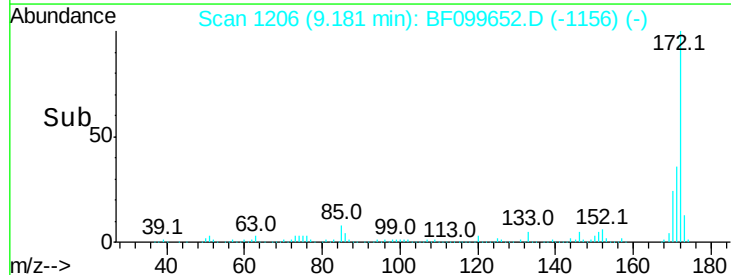
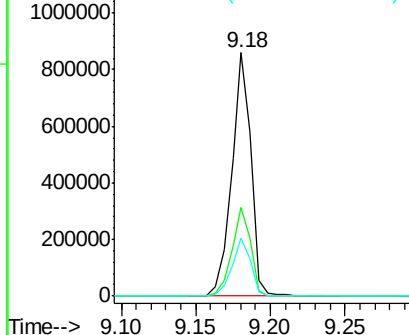


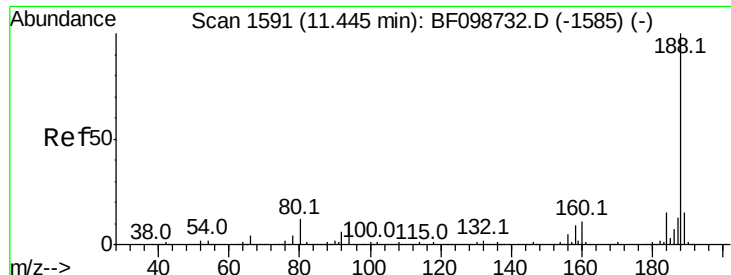
#44
 2-Fluorobiphenyl
 Concen: 122.183 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099652.D
 Acq: 19 Oct 2017 8:16

Tgt Ion:172 Resp: 783183
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 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

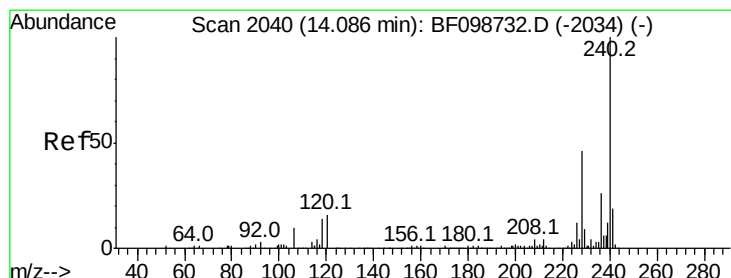
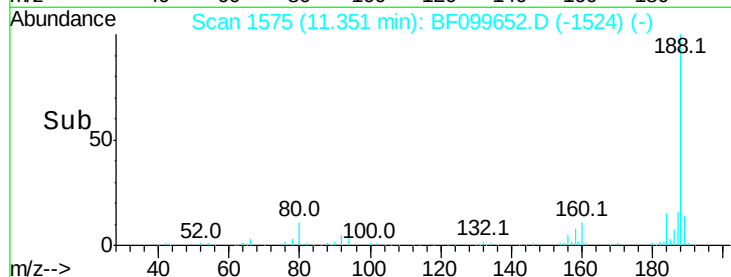
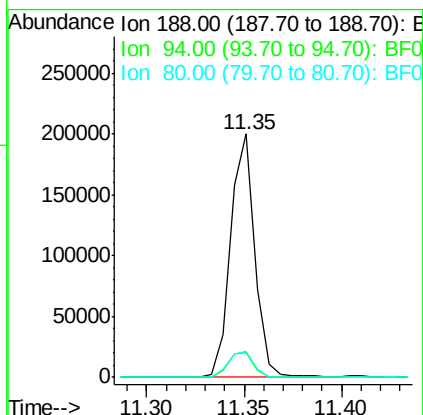
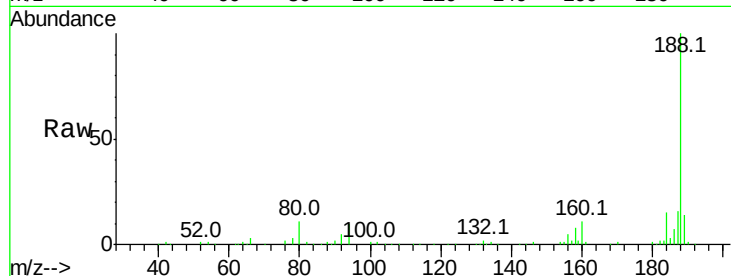




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

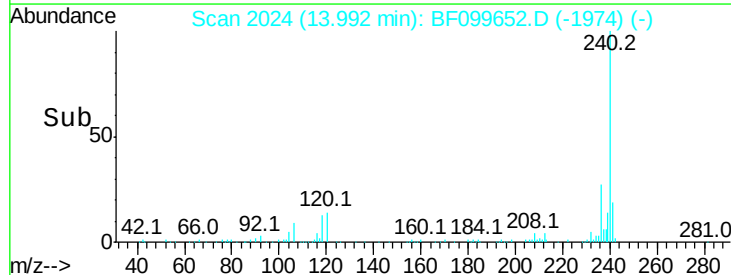
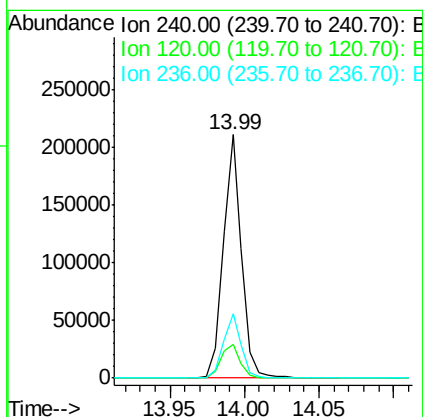
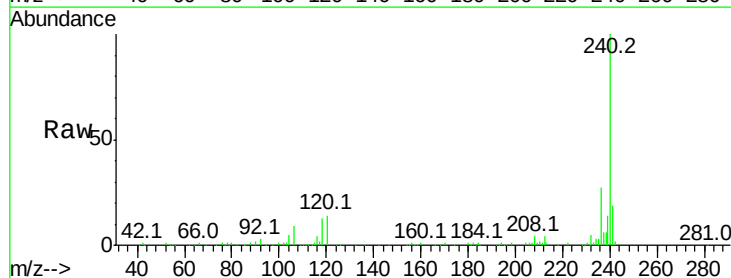
Instrument :
BNA_F
ClientSampleId :
RO-COMP

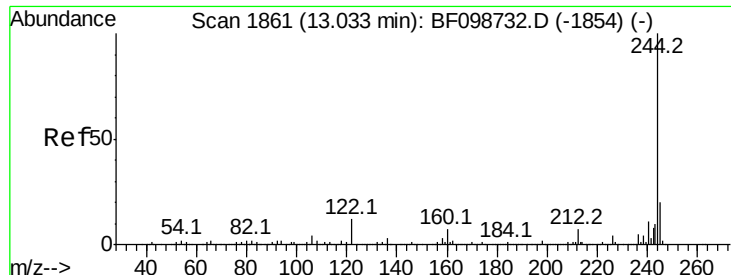
Tot Ion:188 Resp: 170842
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099652.D
Acq: 19 Oct 2017 8:16

Tgt Ion:240 Resp: 180708
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 81.655 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099652.D

Acq: 19 Oct 2017 8:16

Instrument :

BNA_F

ClientSampleId :

RO-COMP

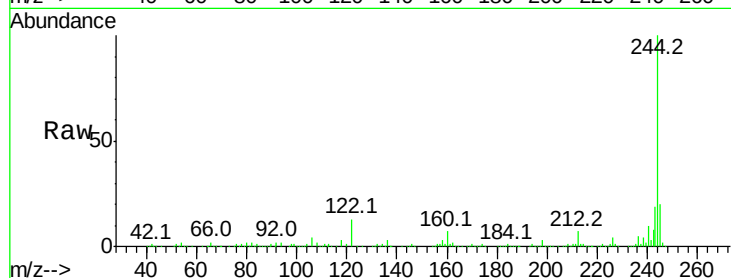
Tot Ion:244 Resp: 648827

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

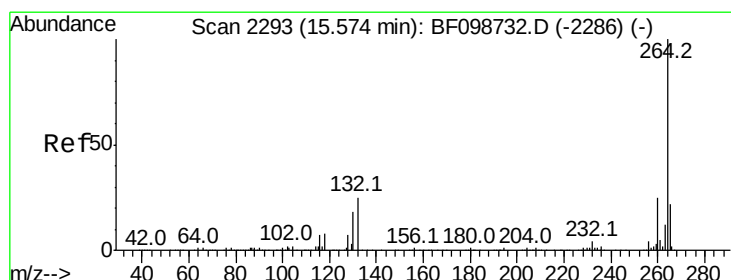
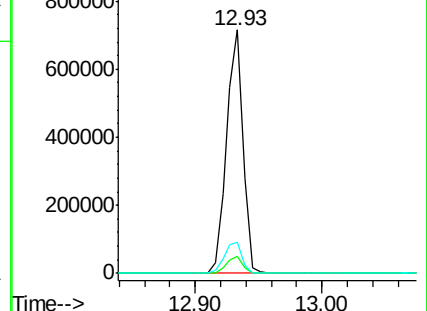
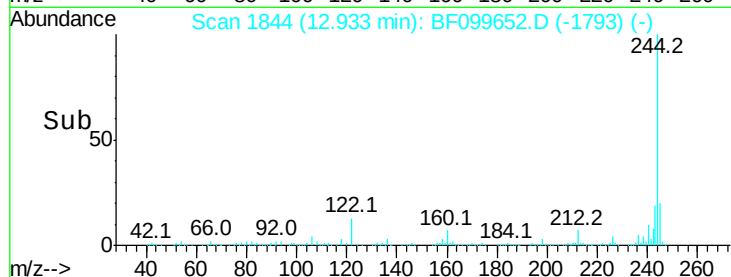
122 12.8 11.0 16.4



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: BF099652.D

Acq: 19 Oct 2017 8:16

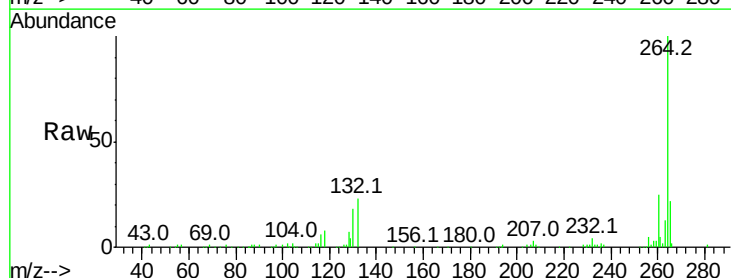
Tgt Ion:264 Resp: 143043

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.8 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

