

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099468.D
 Acq On : 14 Oct 2017 5:05
 Operator : SJ/JU
 Sample : I5816-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Quant Time: Oct 14 05:33:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107257	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	420971	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	165629	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	245414	20.00	ng	0.00
75) Chrysene-d12	14.02	240	205744	20.00	ng	0.00
86) Perylene-d12	15.49	264	215979	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	735167	109.11	ng	0.02
7) Phenol-d6	6.49	99	751557	90.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	583650	88.91	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	152009	112.16	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1028589	103.67	ng	0.00
78) Terphenyl-d14	12.96	244	700063	77.38	ng	0.00

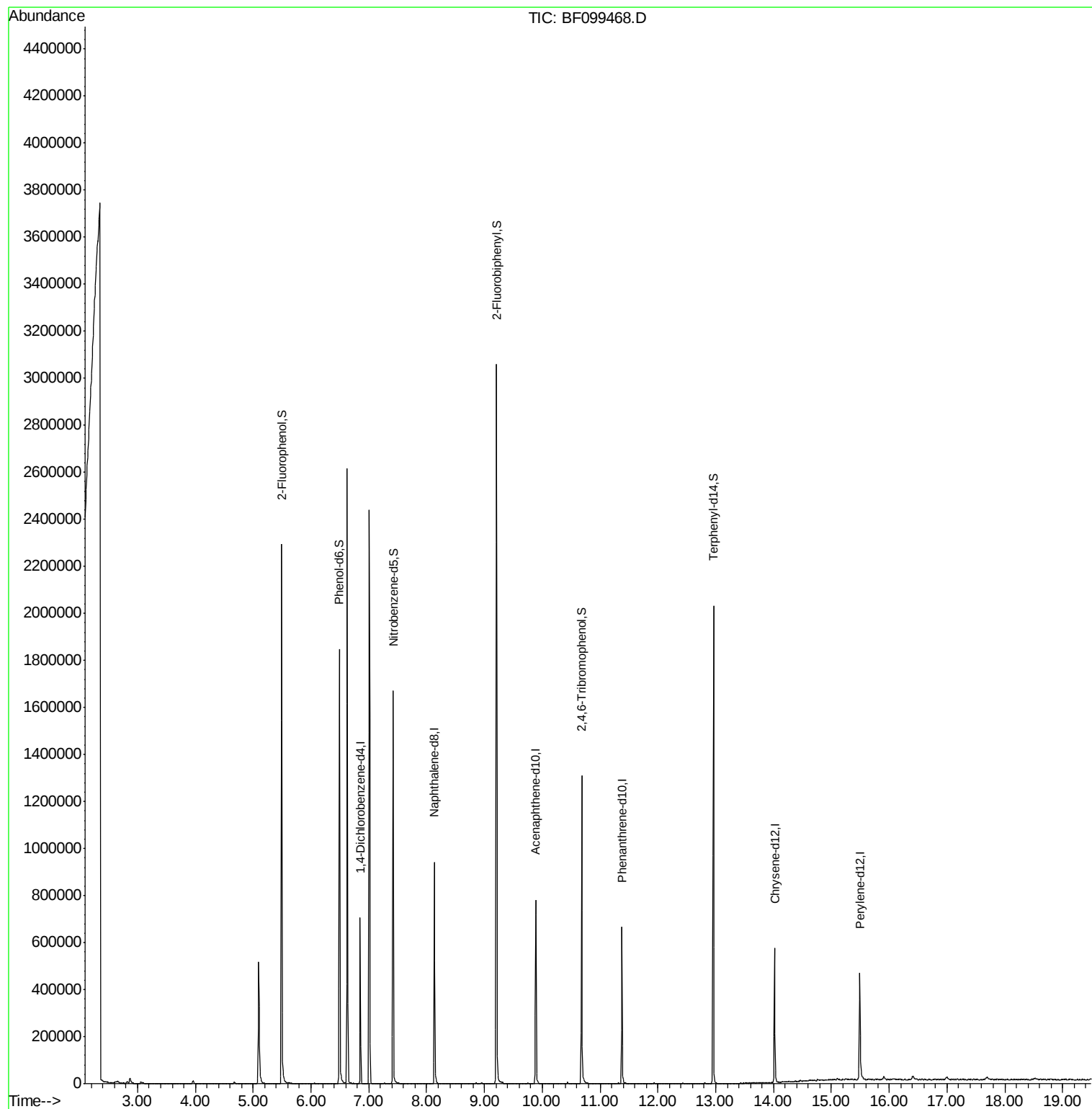
Target Compounds	Qvalue
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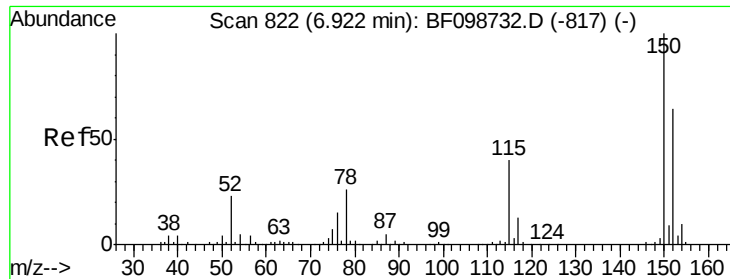
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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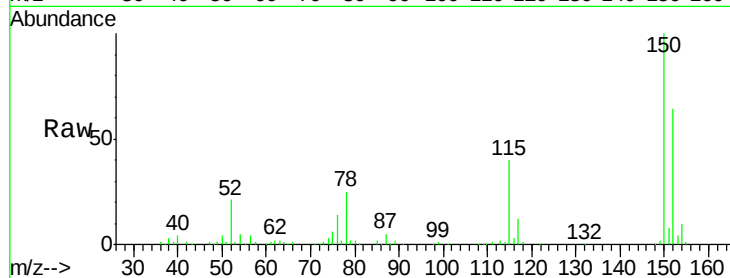




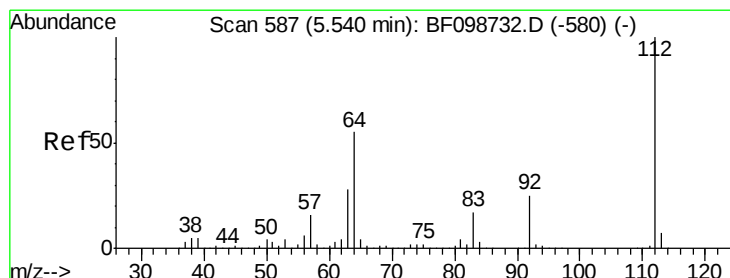
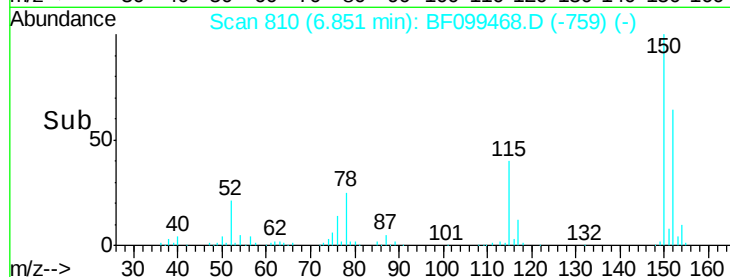
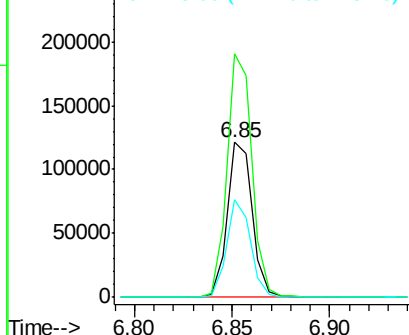
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

Tgt Ion:152 Resp: 107257
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 62.9 50.1 75.1

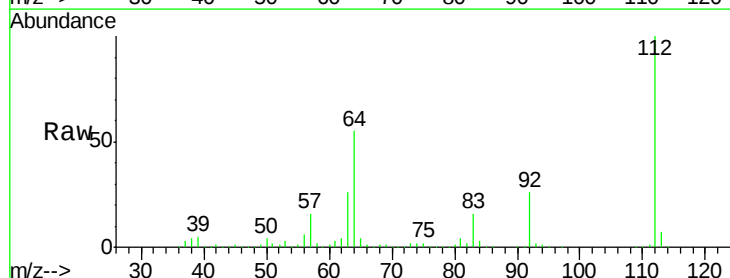


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

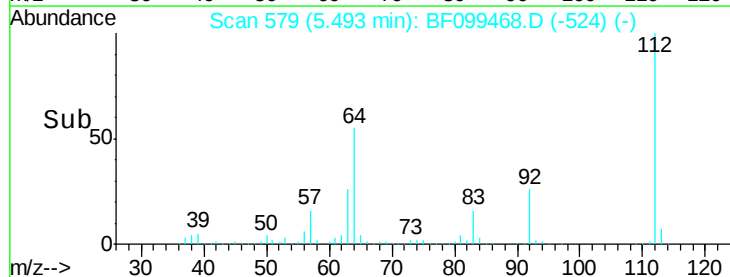
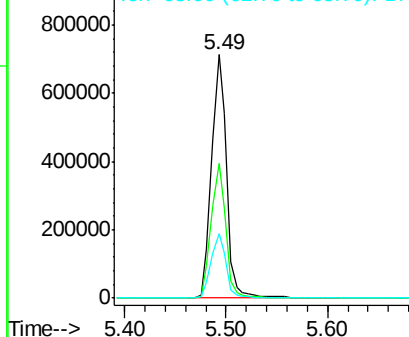


#5
 2-Fluorophenol
 Concen: 109.11 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

Tgt Ion:112 Resp: 735167
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 26.5 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: 90.42 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099468.D

Acq: 14 Oct 2017 5:05

Instrument :

BNA_F

ClientSampleId :

OR-01-101117

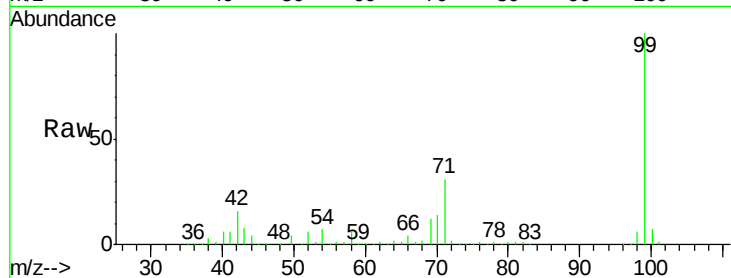
Tgt Ion: 99 Resp: 751557

Ion Ratio Lower Upper

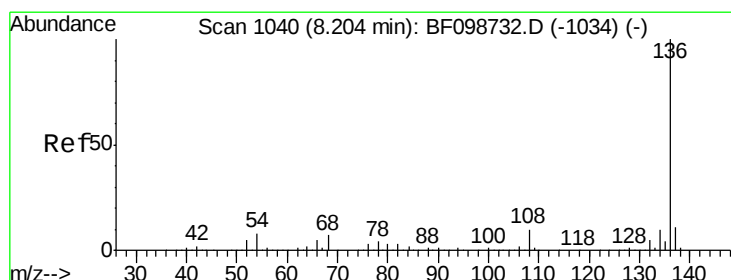
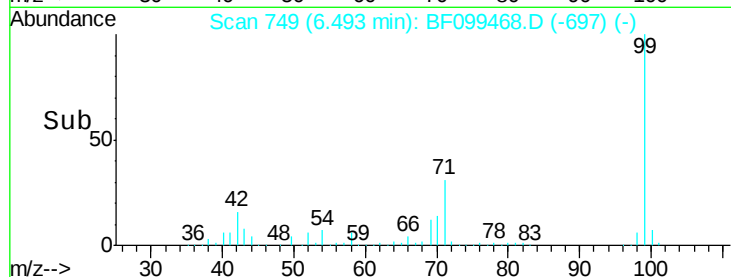
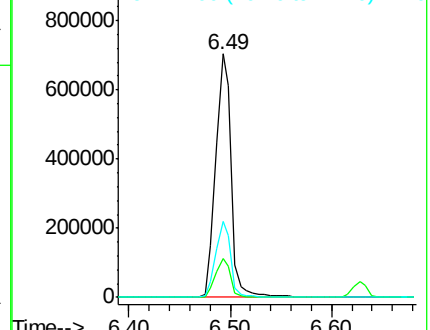
99 100

42 15.9 14.5 21.7

71 31.3 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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099468.D

Acq: 14 Oct 2017 5:05

Tgt Ion: 136 Resp: 420971

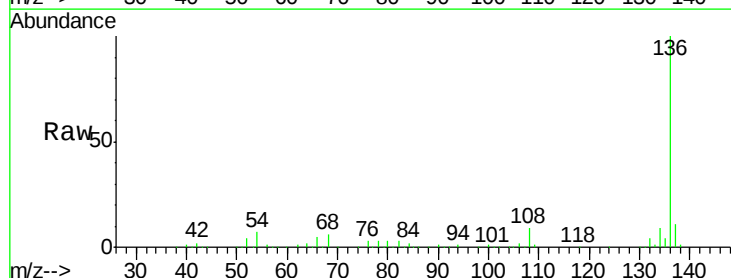
Ion Ratio Lower Upper

136 100

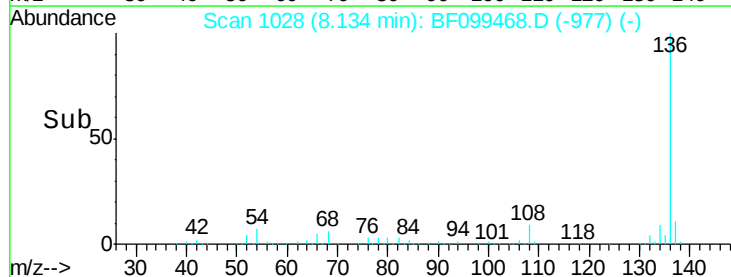
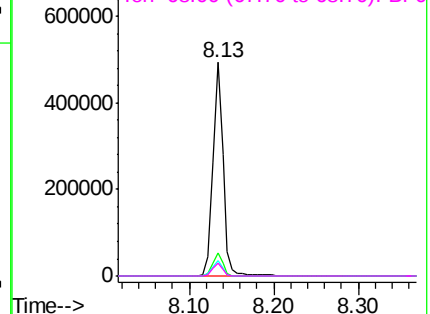
137 10.8 8.9 13.3

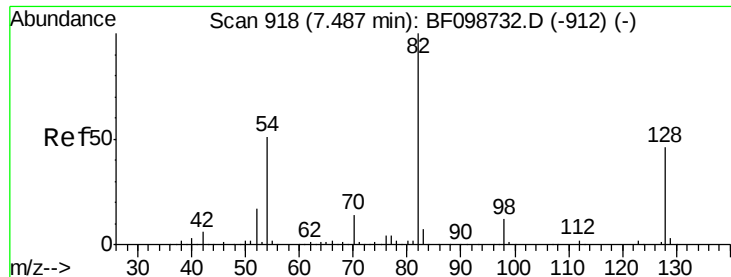
54 7.0 6.6 9.8

68 5.7 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

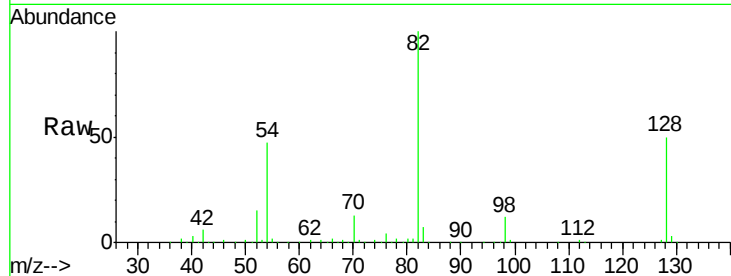




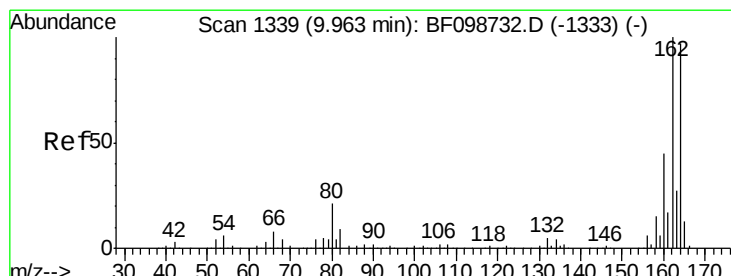
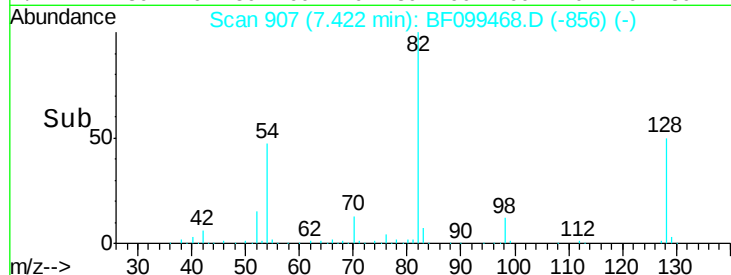
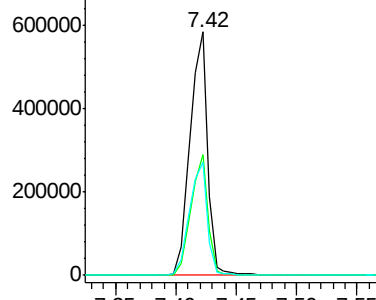
#23
 Nitrobenzene-d5
 Concen: 88.91 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

Instrument :
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 OR-01-101117

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	46.5	41.4	62.2

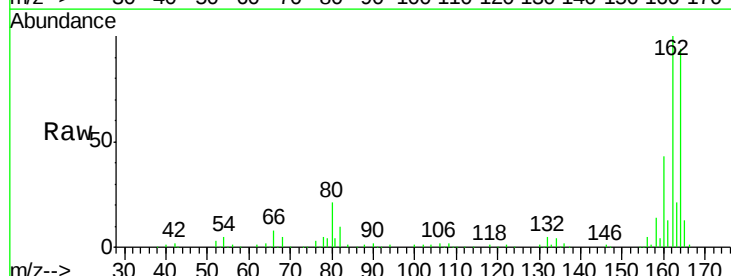


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

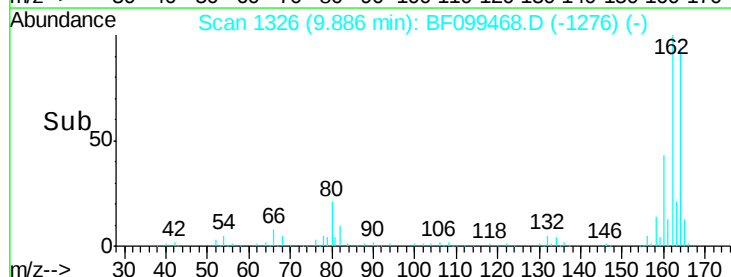
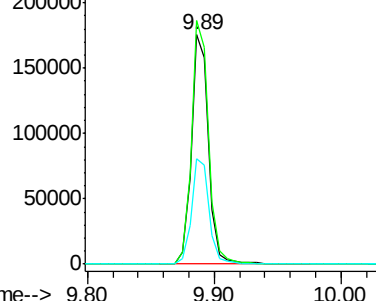


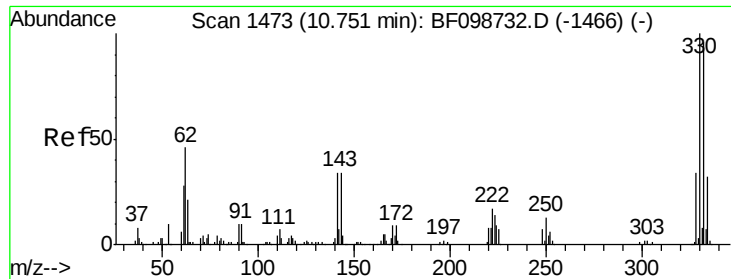
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	46.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

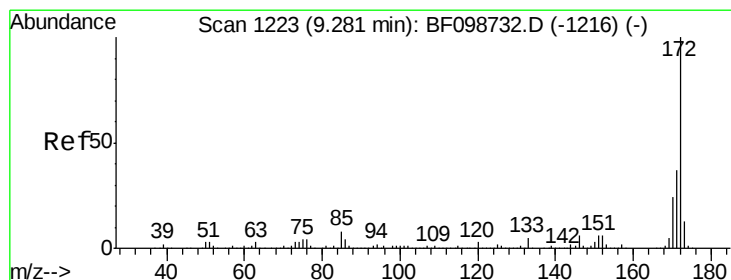
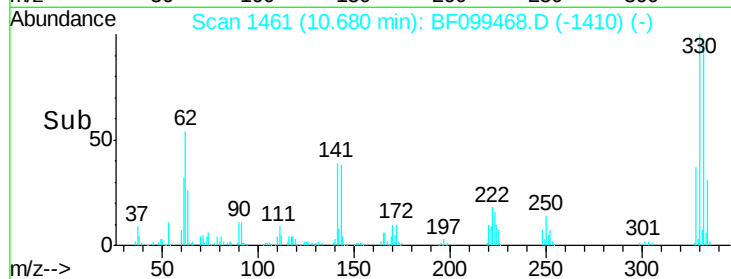
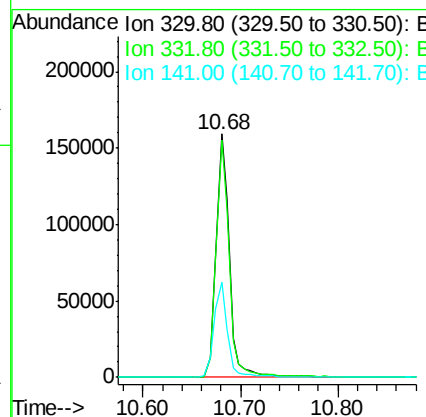
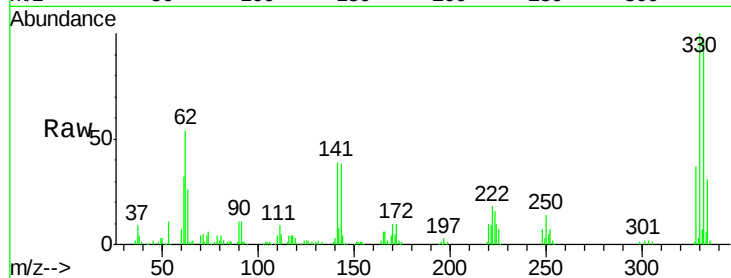




#41
 2,4,6-Tribromophenol
 Concen: 112.16 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

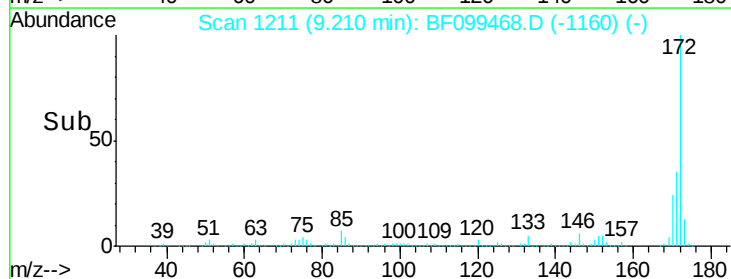
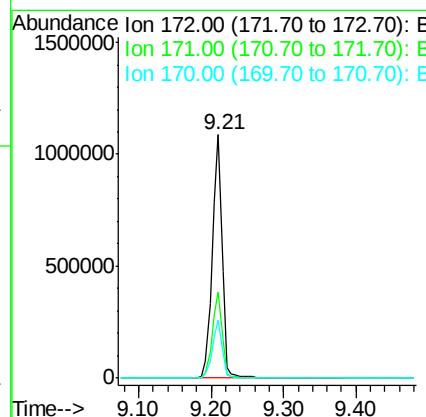
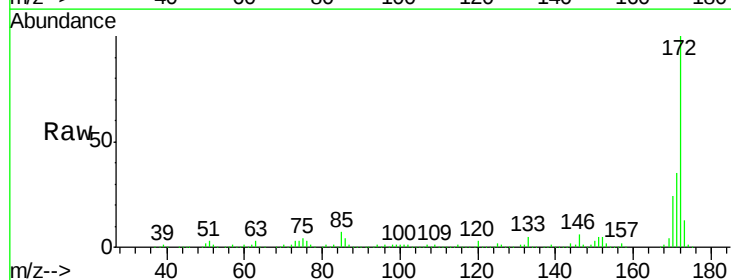
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101117

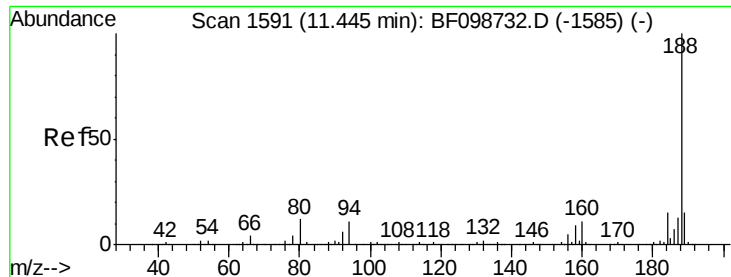
Tgt Ion:330 Resp: 152009
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 40.0 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 103.67 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

Tgt Ion:172 Resp: 1028589
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.9 19.6 29.4

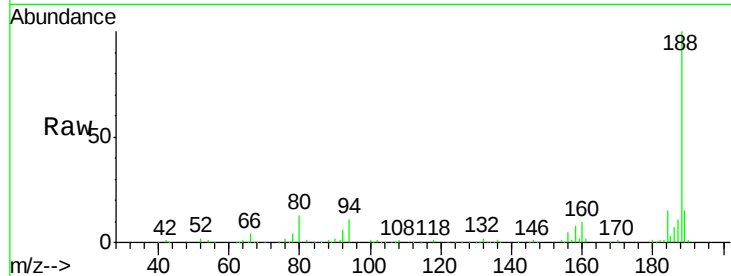




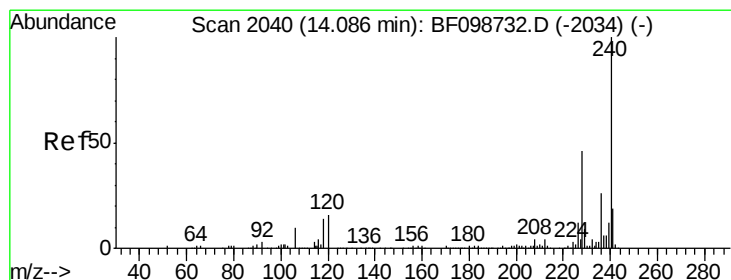
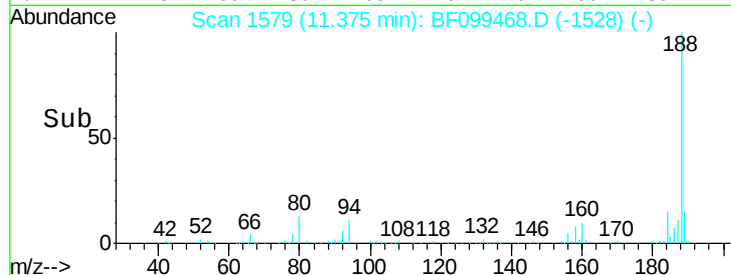
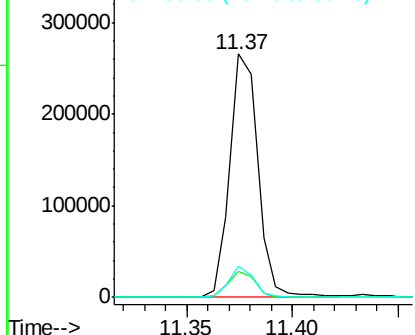
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099468.D
Acq: 14 Oct 2017 5:05

Instrument :
BNA_F
ClientSampleId :
OR-01-101117

Tgt Ion:188 Resp: 245414
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.9 9.2 13.8

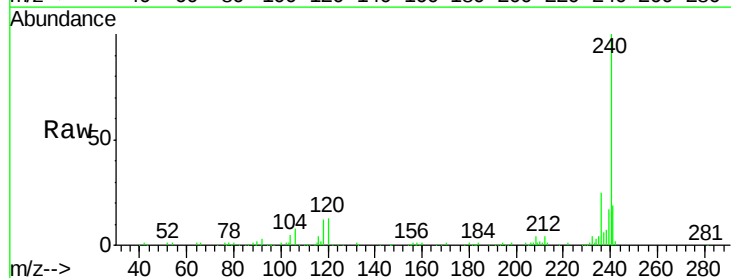


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

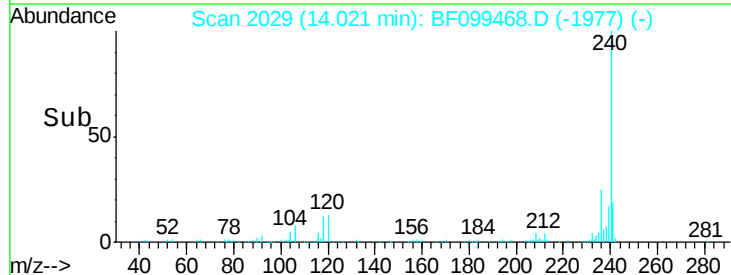
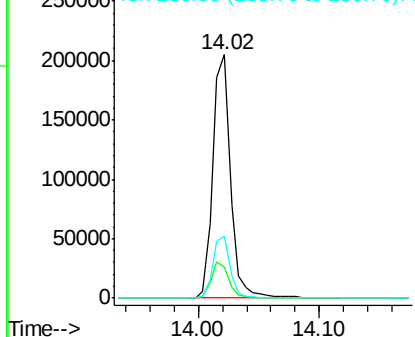


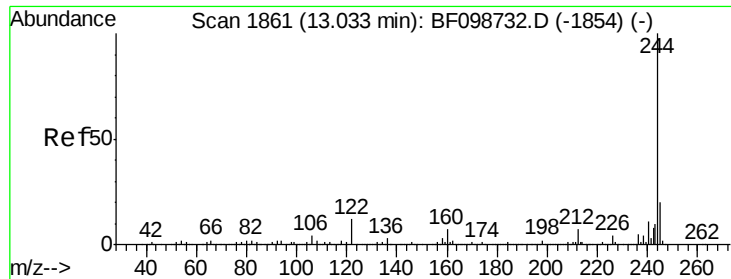
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099468.D
Acq: 14 Oct 2017 5:05

Tgt Ion:240 Resp: 205744
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.3 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

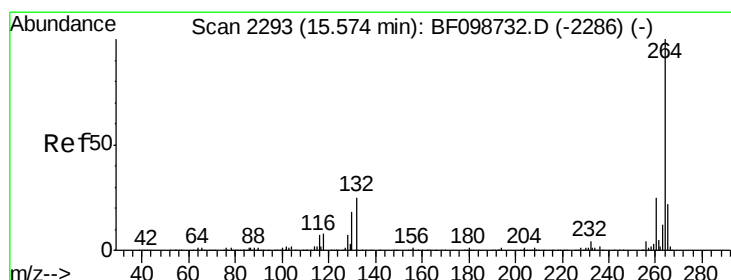
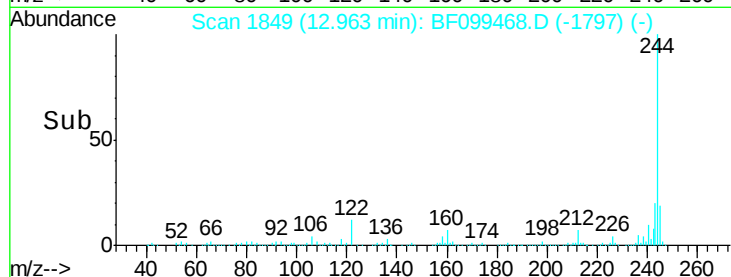
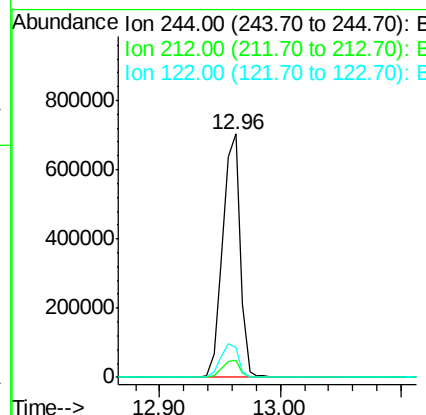
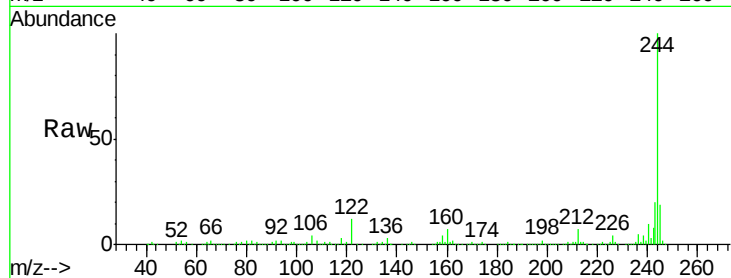




#78
 Terphenyl-d14
 Concen: 77.38 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

Instrument :
 BNA_F
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 OR-01-101117

Tgt Ion:244 Resp: 700063
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099468.D
 Acq: 14 Oct 2017 5:05

Tgt Ion:264 Resp: 215979
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.5 26.3

