

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099939.D
 Acq On : 29 Oct 2017 3:17
 Operator : SJ/JU
 Sample : I6023-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Oct 30 05:10:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

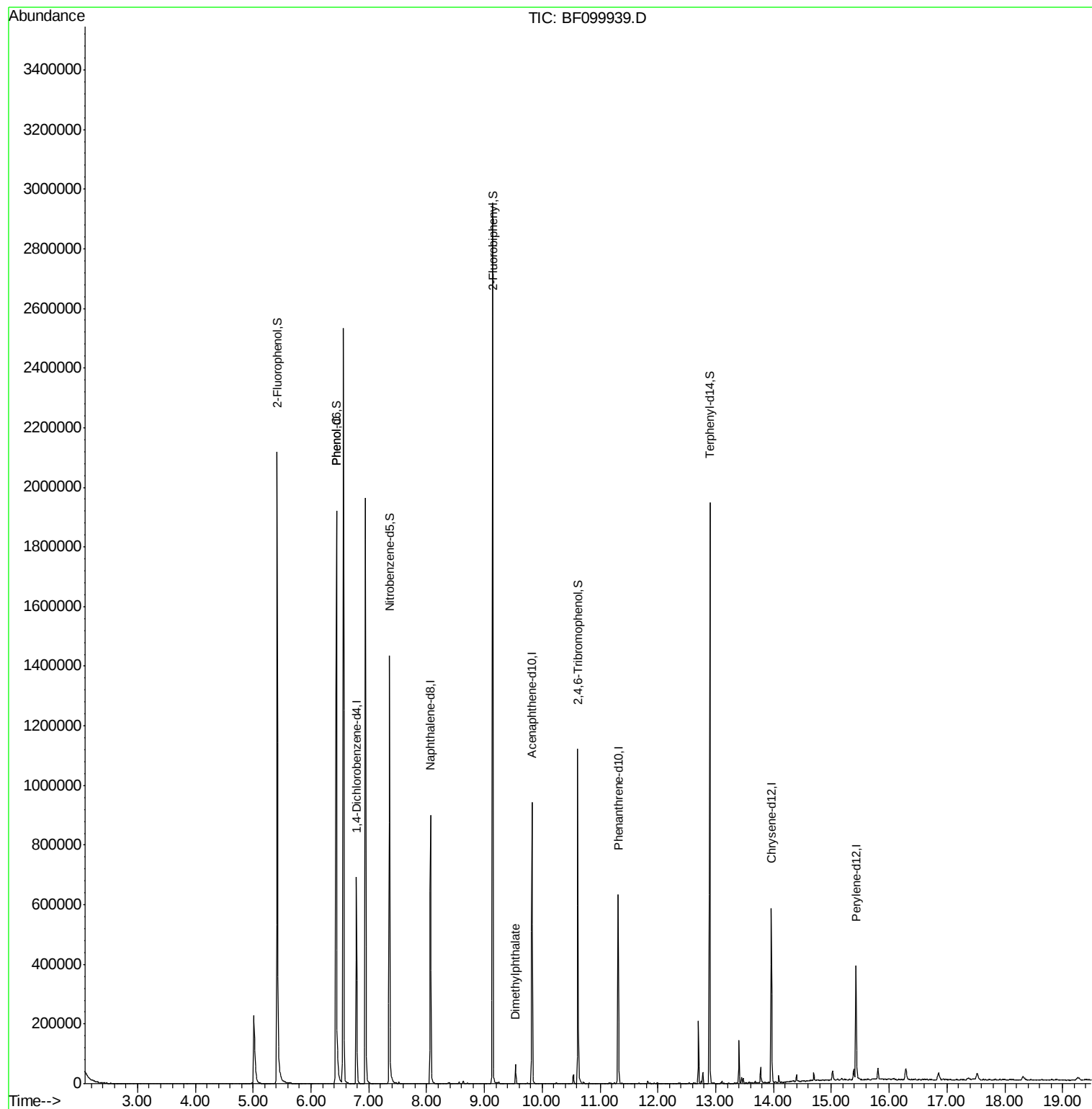
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109471	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	432001	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	177050	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	249643	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	186876	20.00	ng	-0.03
86) Perylene-d12	15.43	264	184697	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	765293	109.75	ng	0.00
7) Phenol-d6	6.44	99	914588	110.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	535579	79.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	139819	86.66	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1020351	88.91	ng	-0.01
78) Terphenyl-d14	12.90	244	624598	73.04	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	30972	3.412	ng	87
49) Dimethylphthalate	9.54	163	30264	2.158	ng	99

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

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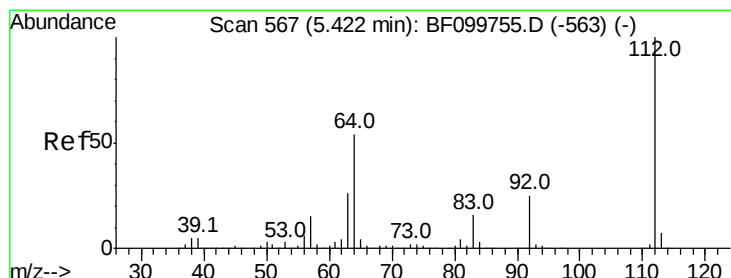
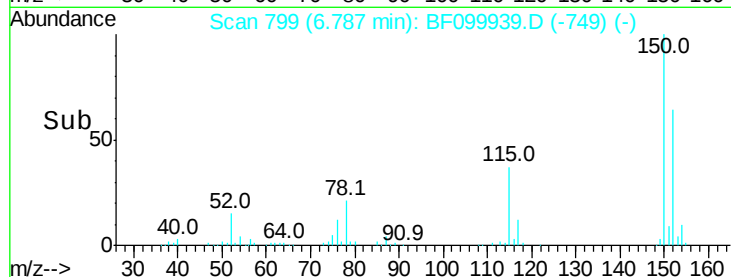
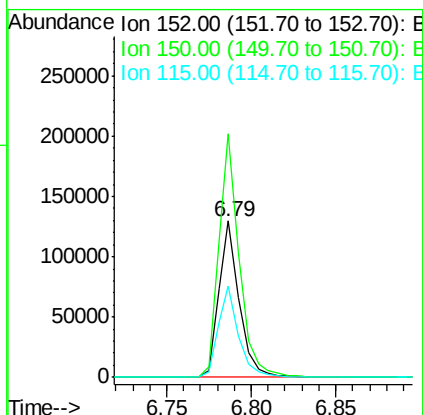
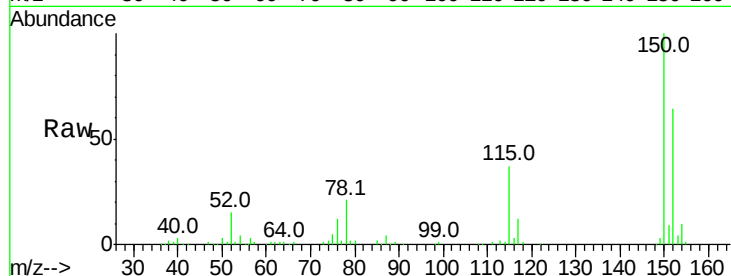


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099939.D
 Acq: 29 Oct 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

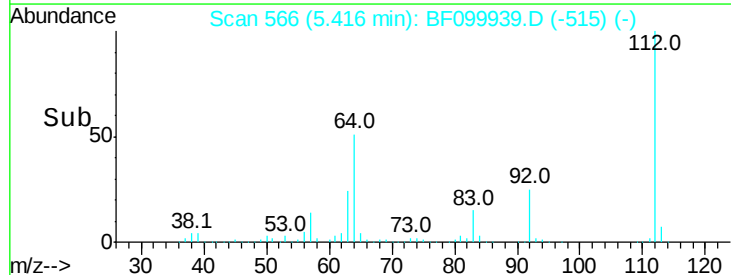
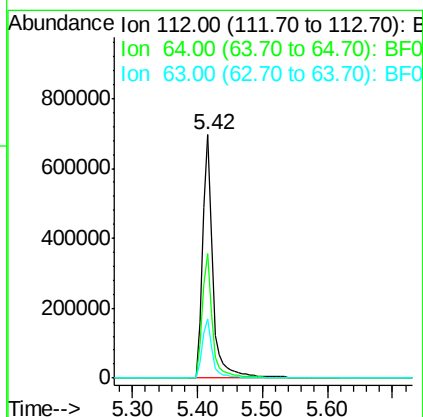
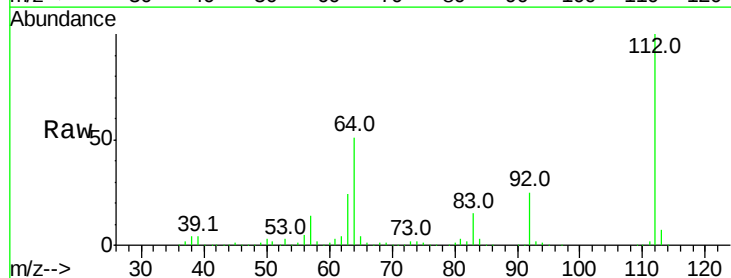
Tot Ion:152 Resp: 109471
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 58.2 50.1 75.1



#5

2-Fluorophenol
 Concen: 109.754 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF099939.D
 Acq: 29 Oct 2017 3:17

Tgt Ion:112 Resp: 765293
 Ion Ratio Lower Upper
 112 100
 64 51.1 47.9 71.9
 63 24.1 23.7 35.5





#7

Phenol-d6

Concen: 110.620 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099939.D

Acq: 29 Oct 2017 3:17

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

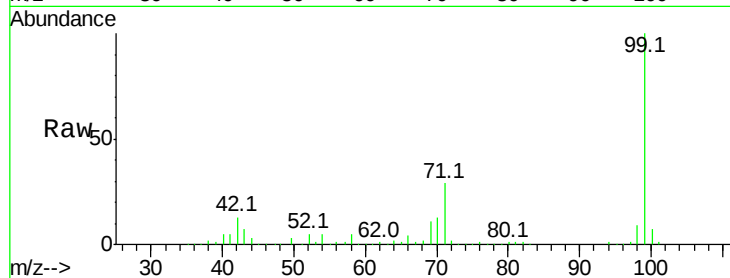
Tot Ion: 99 Resp: 914588

Ion Ratio Lower Upper

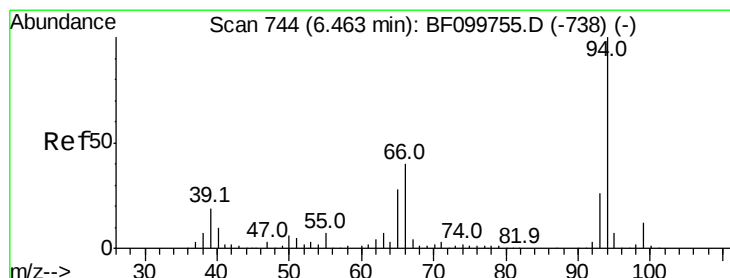
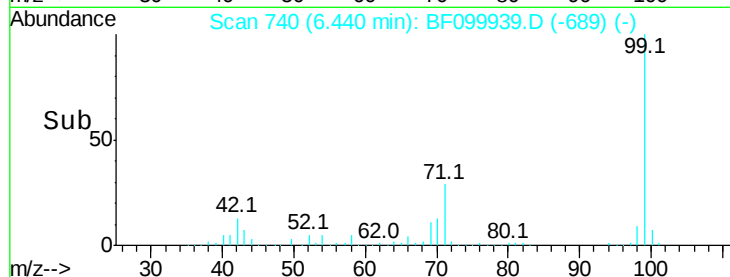
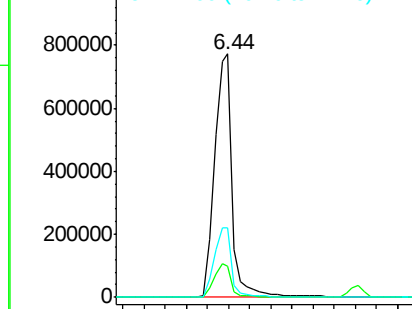
99 100

42 12.9 14.5 21.7#

71 28.6 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



#10

Phenol

Concen: 3.412 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099939.D

Acq: 29 Oct 2017 3:17

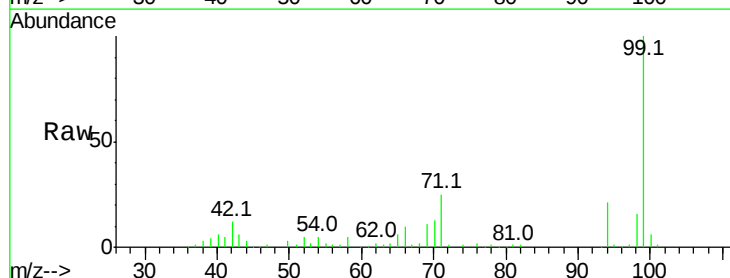
Tgt Ion: 94 Resp: 30972

Ion Ratio Lower Upper

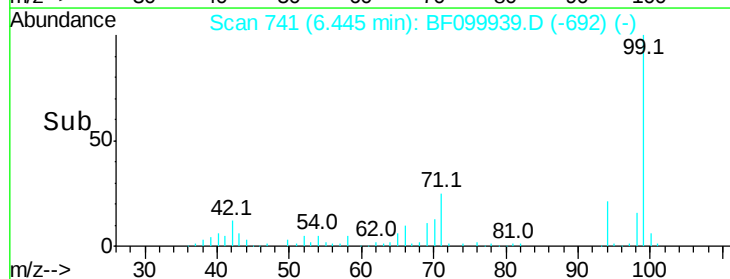
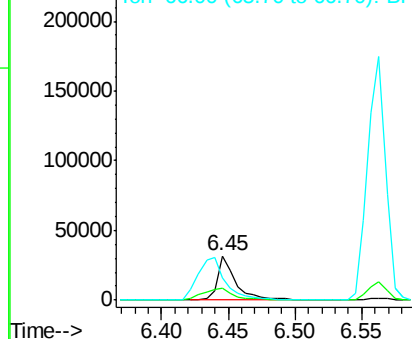
94 100

65 27.0 7.9 47.9

66 49.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

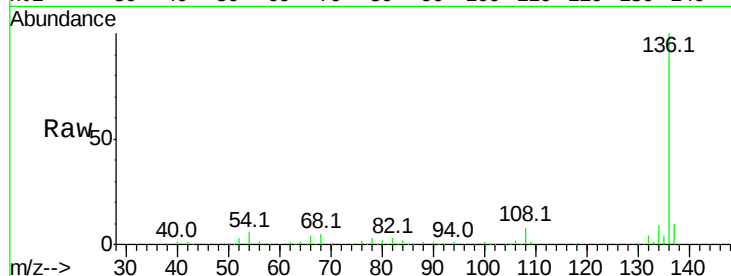




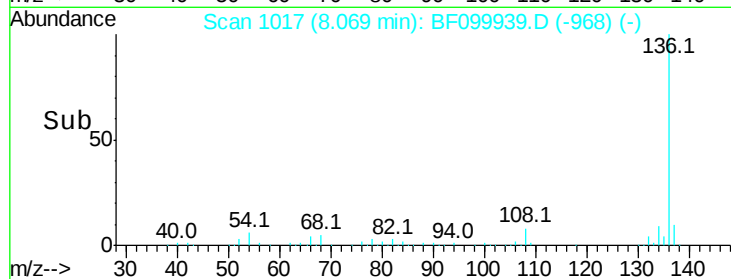
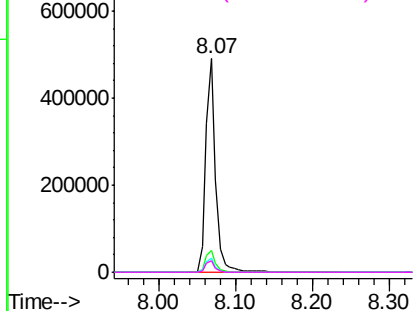
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099939.D
Acq: 29 Oct 2017 3:17

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion:	136	Resp:	432001
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4

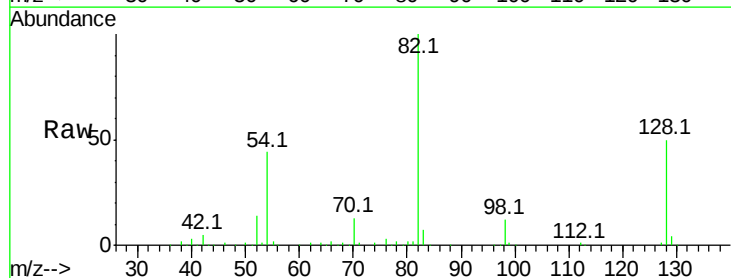


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

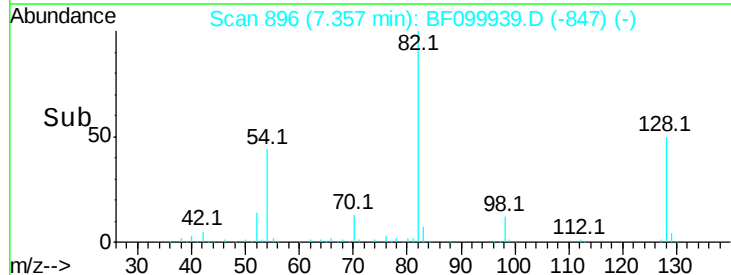
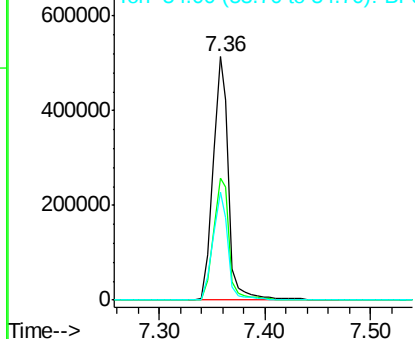


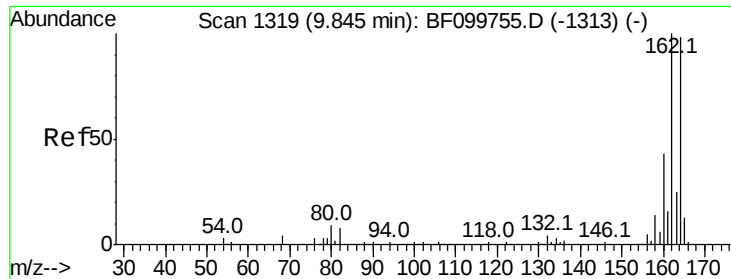
#23
Nitrobenzene-d5
Concen: 79.817 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099939.D
Acq: 29 Oct 2017 3:17

Tgt Ion:	82	Resp:	535579
Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	44.5	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

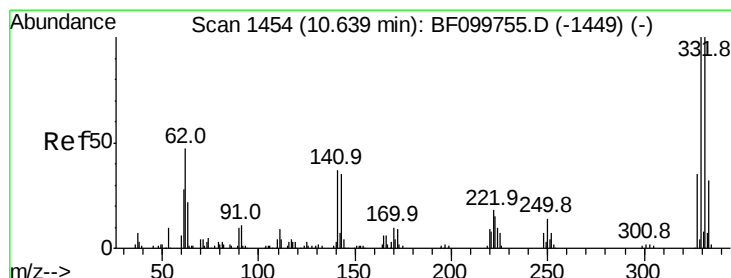
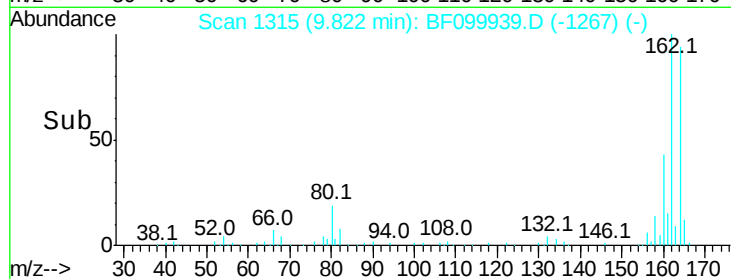
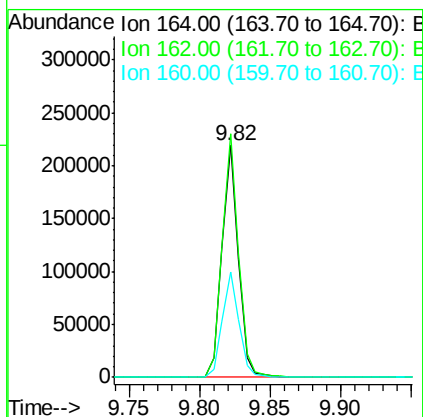
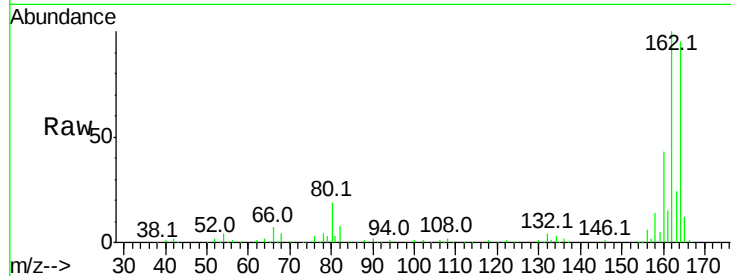




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099939.D
Acq: 29 Oct 2017 3:17

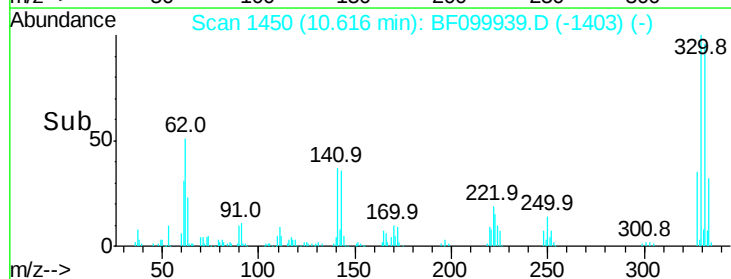
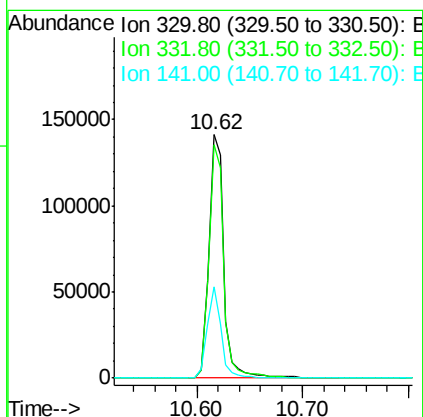
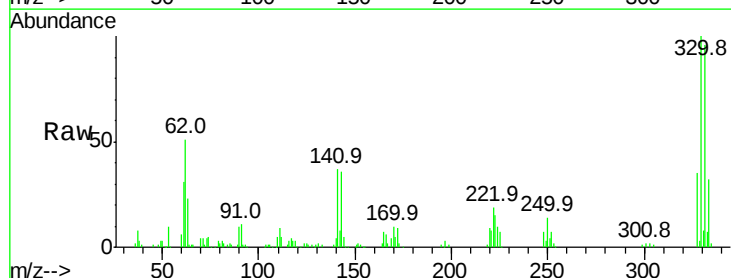
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

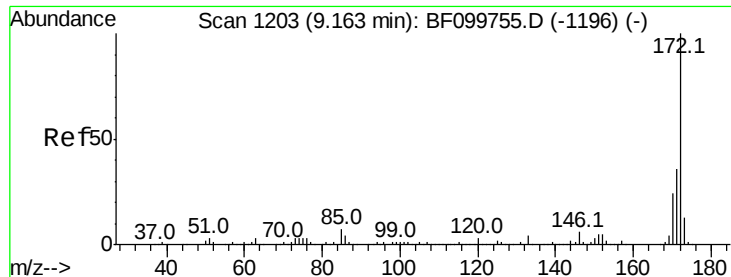
Tot Ion:164 Resp: 177050
Ion Ratio Lower Upper
164 100
162 104.9 86.1 129.1
160 45.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 86.656 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099939.D
Acq: 29 Oct 2017 3:17

Tgt Ion:330 Resp: 139819
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 34.6 29.9 44.9



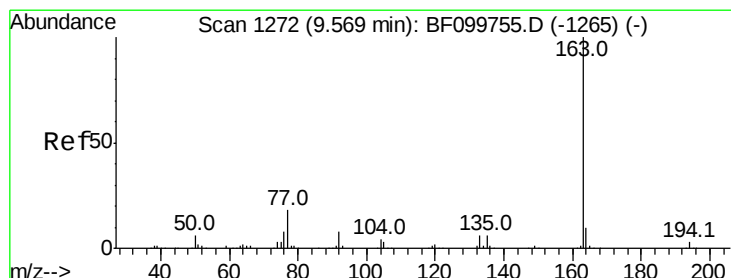
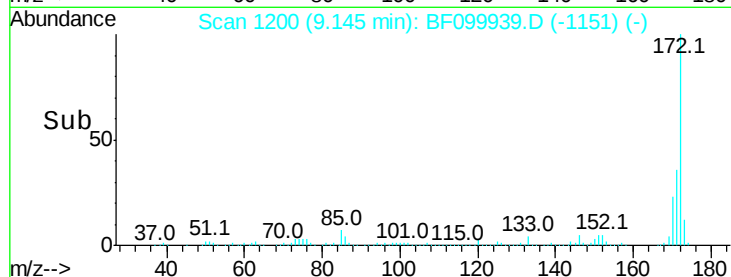
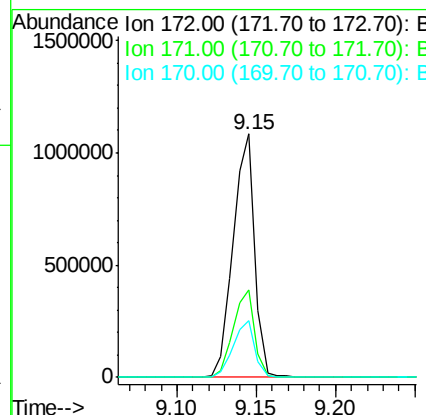
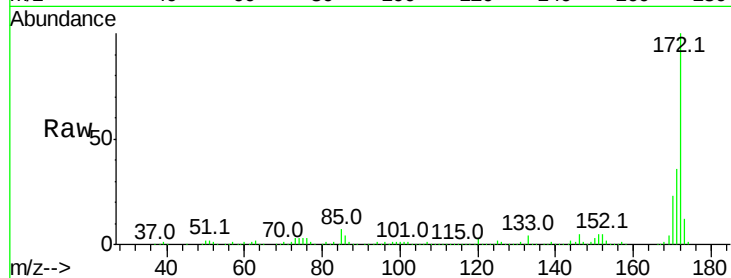


#44
 2-Fluorobiphenyl
 Concen: 88.915 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099939.D
 Acq: 29 Oct 2017 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion:172 Resp: 1020351

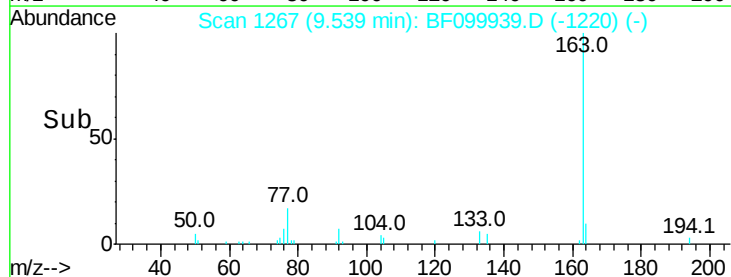
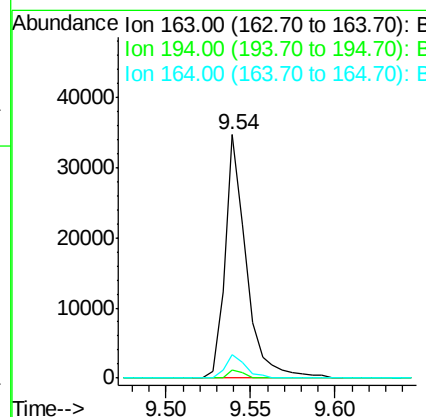
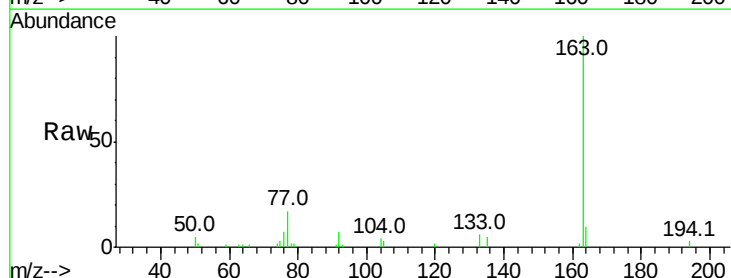
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.4	19.6	29.4

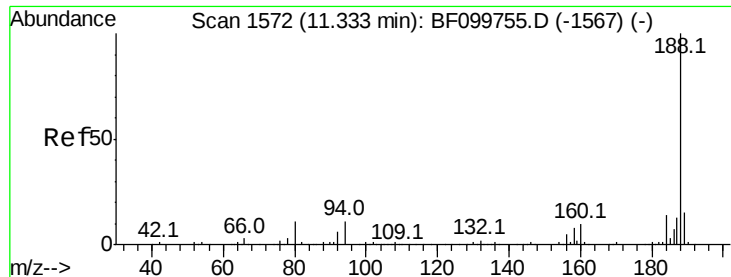


#49
 Dimethylphthalate
 Concen: 2.158 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099939.D
 Acq: 29 Oct 2017 3:17

Tgt Ion:163 Resp: 30264

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.7	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF099939.D

Acq: 29 Oct 2017 3:17

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

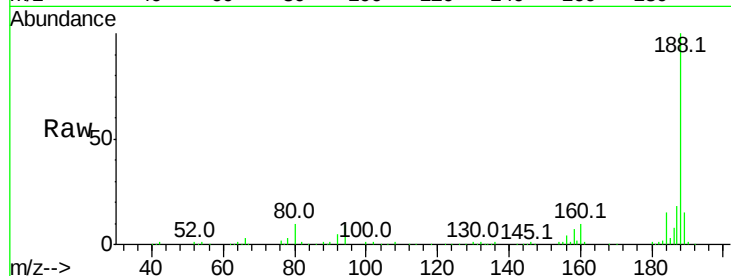
Tot Ion:188 Resp: 249643

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

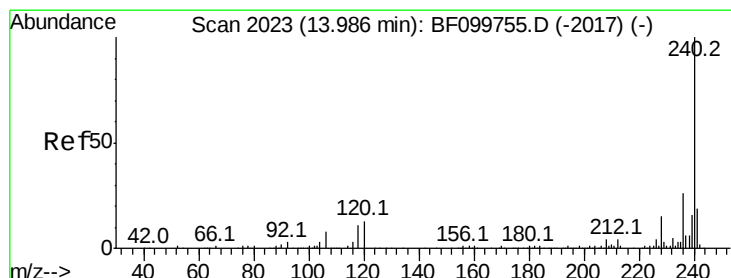
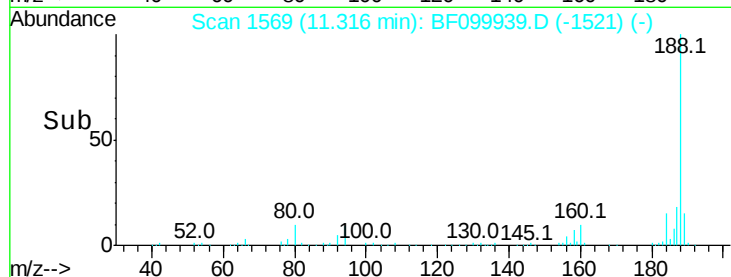
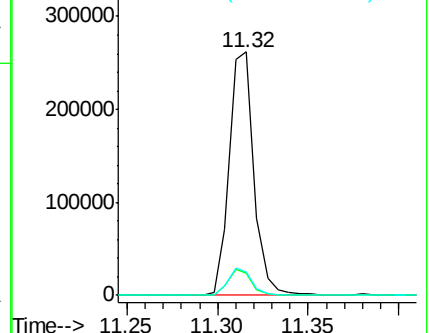
80 9.5 9.2 13.8



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: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF099939.D

Acq: 29 Oct 2017 3:17

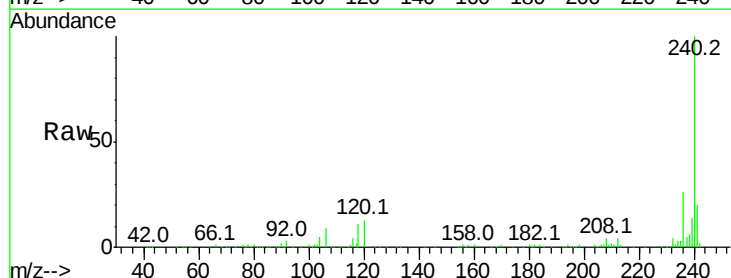
Tgt Ion:240 Resp: 186876

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

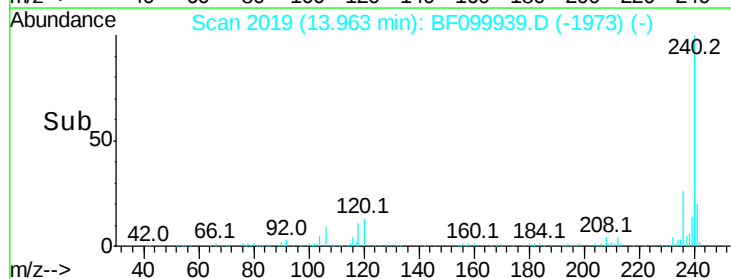
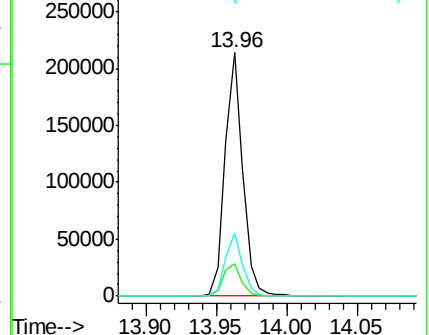
236 26.1 20.7 31.1

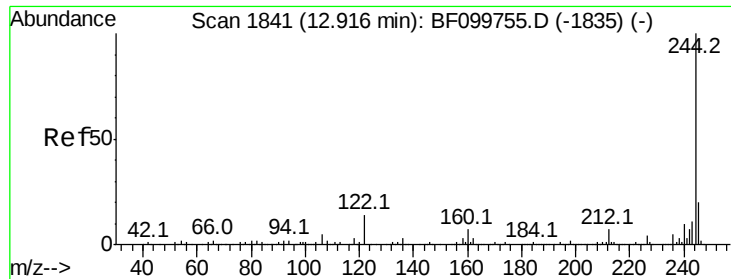


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.042 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099939.D

Acq: 29 Oct 2017 3:17

Instrument :

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ClientSampleId :

SB-04-COMP

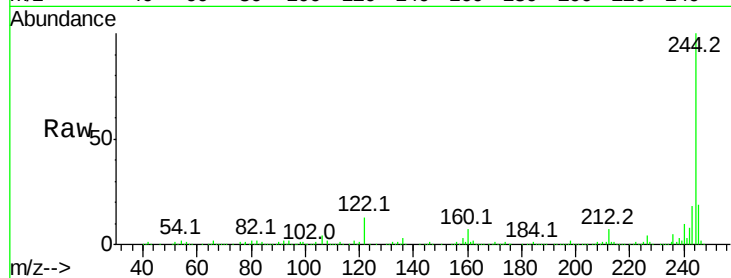
Tot Ion:244 Resp: 624598

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

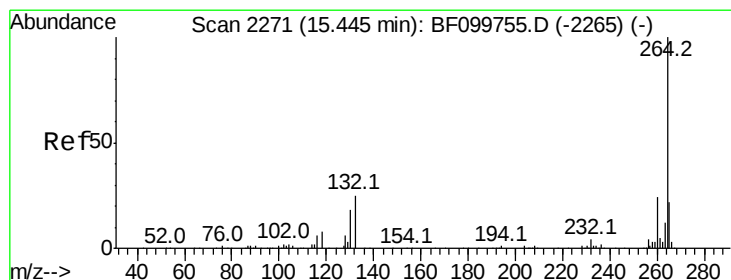
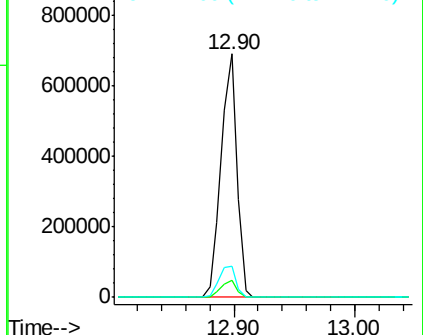
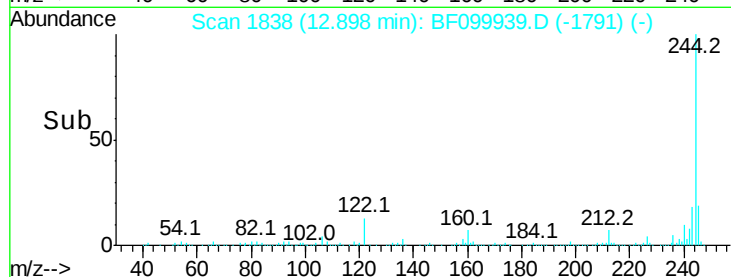
122 12.8 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.03 min

Lab File: BF099939.D

Acq: 29 Oct 2017 3:17

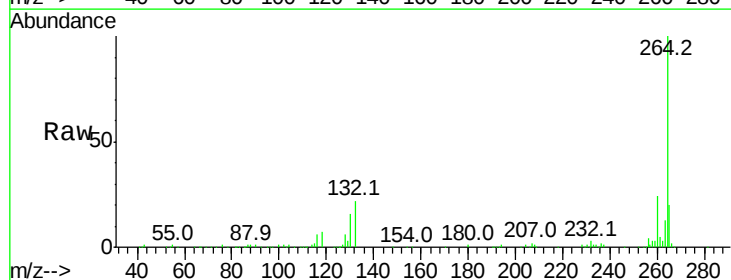
Tgt Ion:264 Resp: 184697

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.5 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

