

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099929.D
 Acq On : 28 Oct 2017 20:46
 Operator : SJ/JU
 Sample : I6146-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-102517-B

Quant Time: Oct 30 04:34:30 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

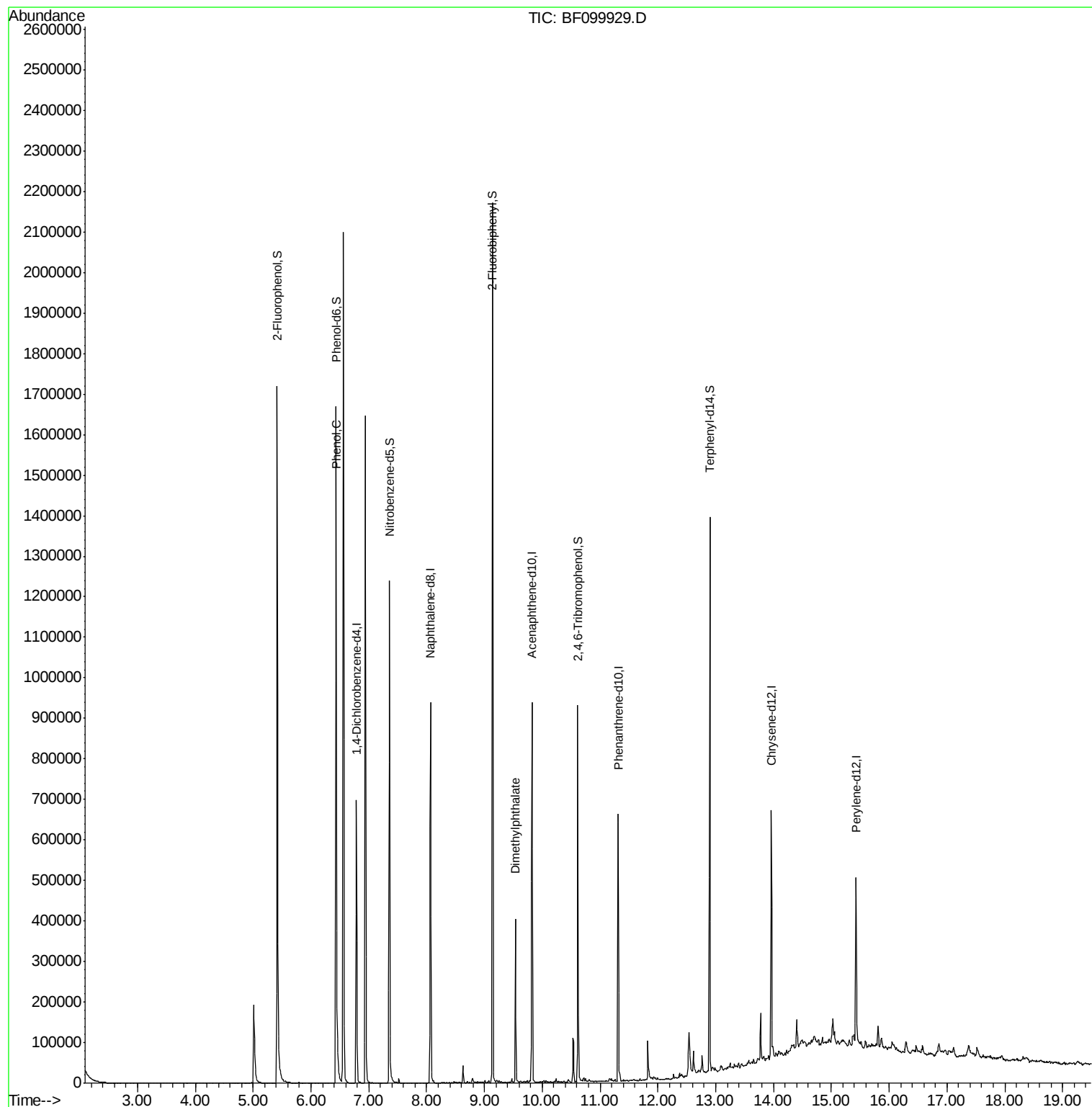
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109695	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	433400	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	178346	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	249164	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	185365	20.00	ng	-0.03
86) Perylene-d12	15.43	264	192963	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	603227	86.33	ng	0.00
7) Phenol-d6	6.43	99	704315	85.01	ng	0.00
23) Nitrobenzene-d5	7.36	82	411493	61.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	112572	69.26	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	751459	65.01	ng	-0.02
78) Terphenyl-d14	12.90	244	441118	52.01	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	41157	4.525	ng	94
49) Dimethylphthalate	9.54	163	157376	11.143	ng	100

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

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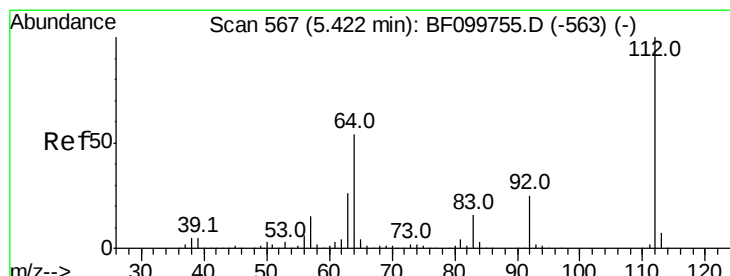
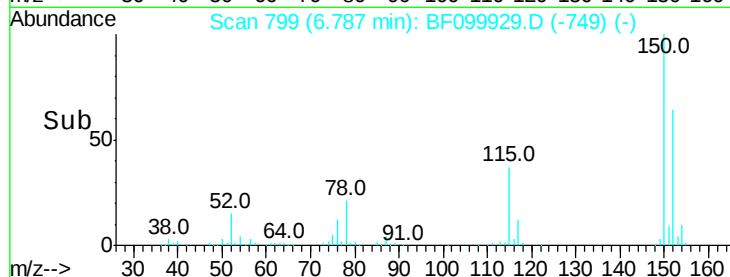
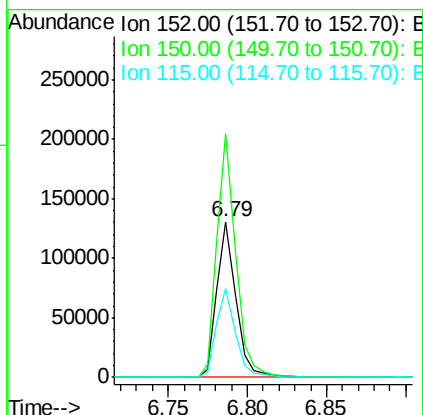
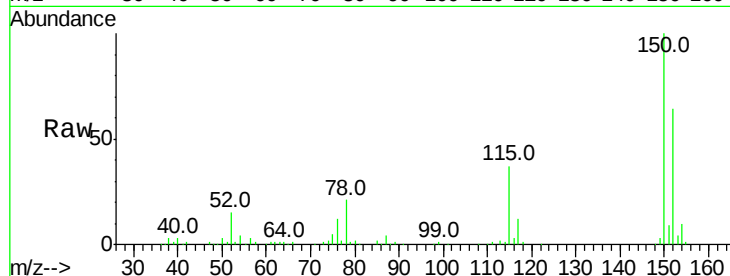


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Instrument :
BNA_F
ClientSampleId :
AU-06-102517-B

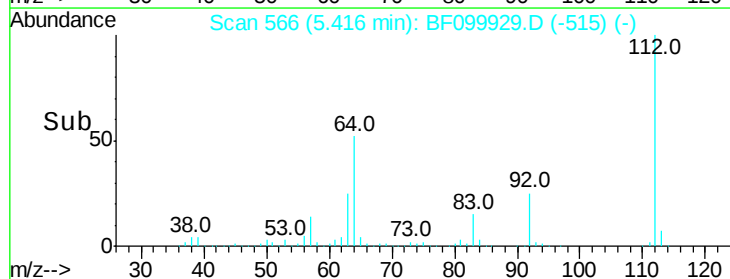
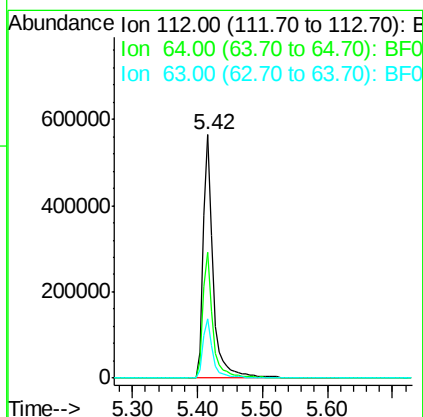
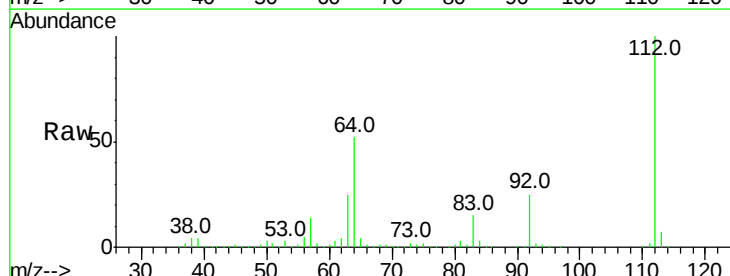
Tot Ion:152 Resp: 109695
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 57.3 50.1 75.1



#5

2-Fluorophenol
Concen: 86.334 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Tgt Ion:112 Resp: 603227
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 24.5 23.7 35.5





#7

Phenol-d6

Concen: 85.014 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

Instrument :

BNA_F

ClientSampleId :

AU-06-102517-B

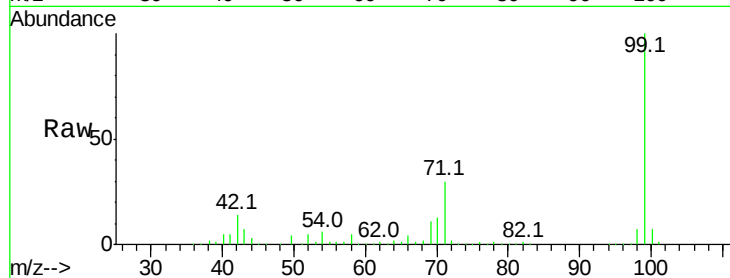
Tot Ion: 99 Resp: 704315

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

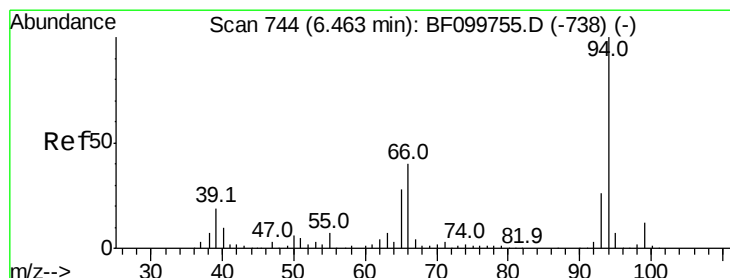
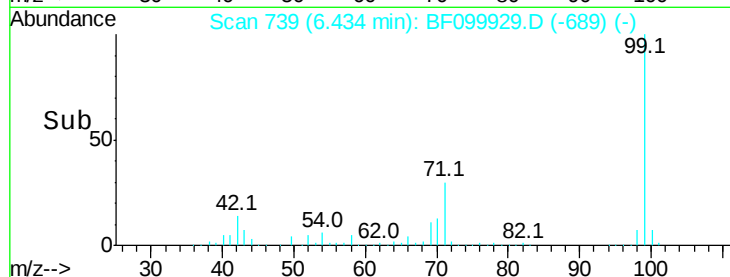
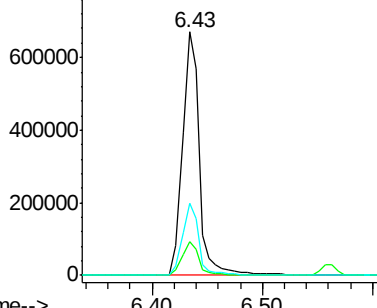
71 29.6 25.4 38.0



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: 4.525 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

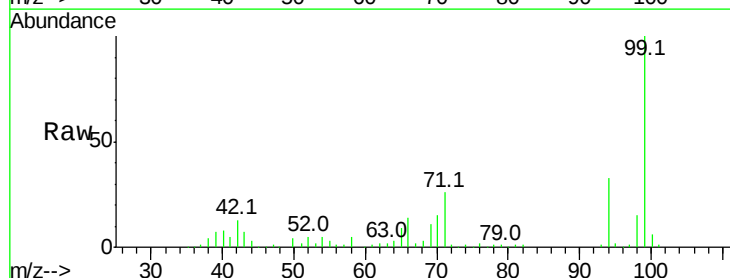
Tgt Ion: 94 Resp: 41157

Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

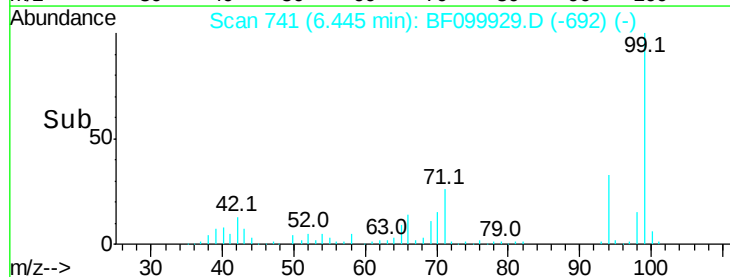
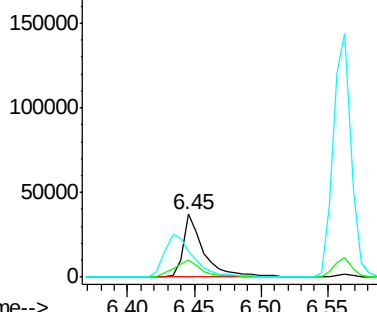
66 41.8 16.2 56.2



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

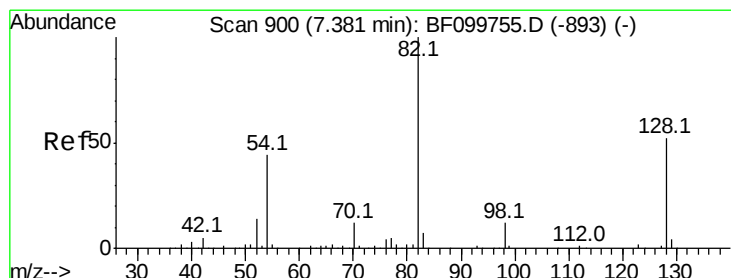
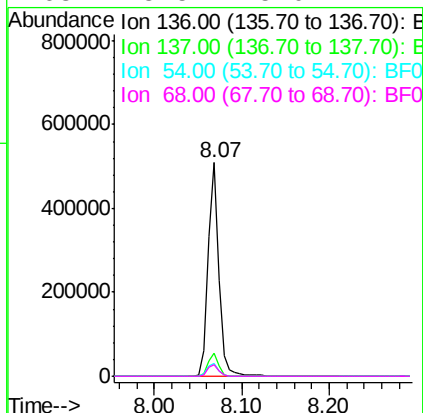
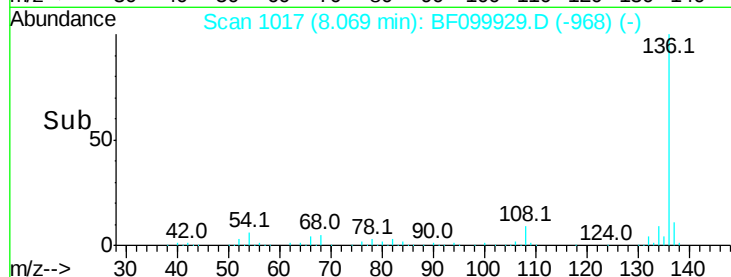
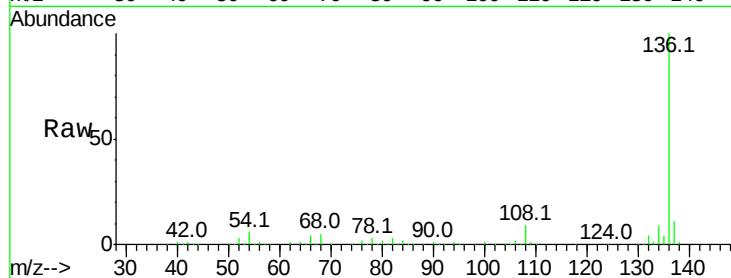




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

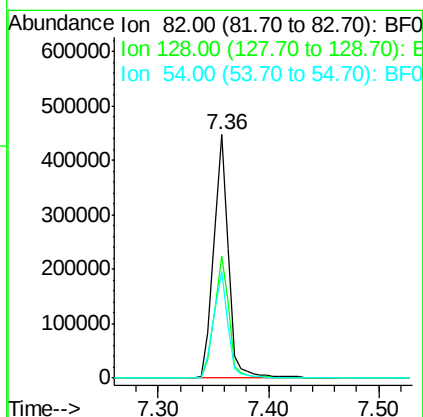
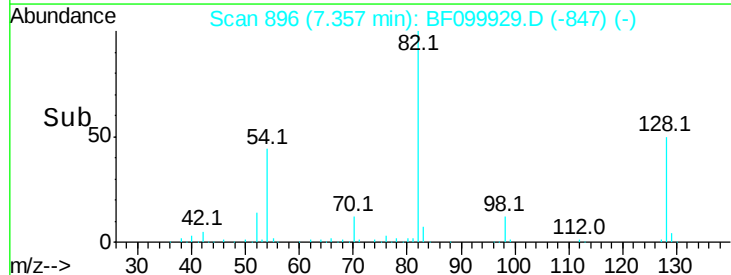
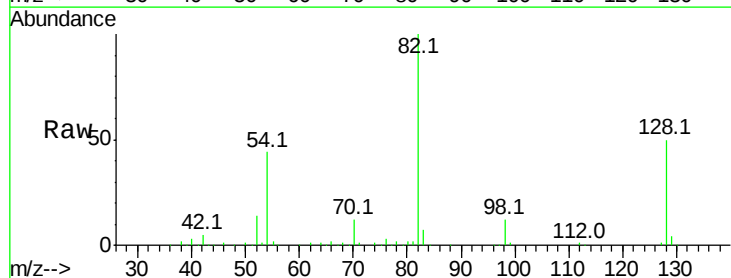
Instrument :
BNA_F
ClientSampleId :
AU-06-102517-B

Tot Ion:	136	Resp:	433400
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 61.126 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Tgt Ion:	82	Resp:	411493
Ion	Ratio	Lower	Upper
82	100		
128	50.0	36.1	54.1
54	43.7	41.4	62.2

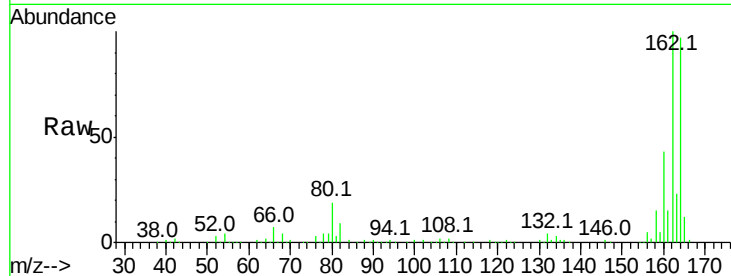




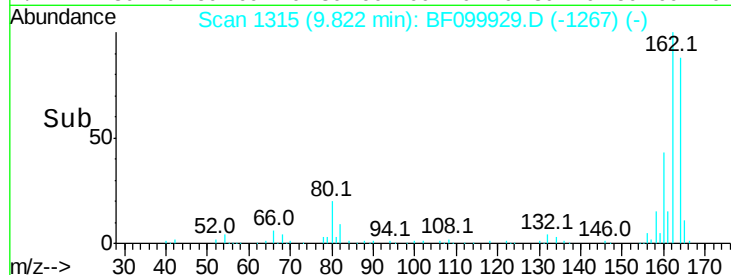
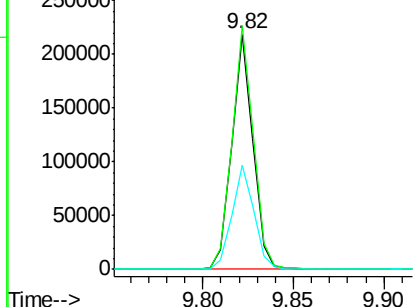
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Instrument :
BNA_F
ClientSampleId :
AU-06-102517-B

Tot Ion:164 Resp: 178346
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 44.3 38.3 57.5

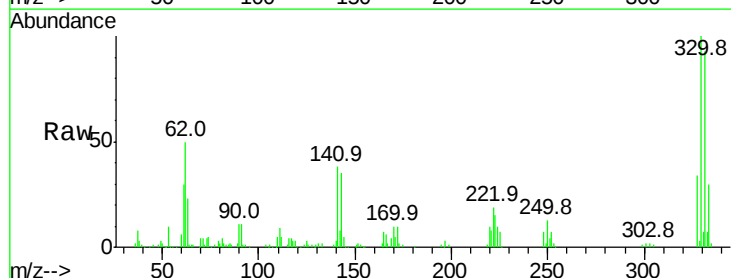


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

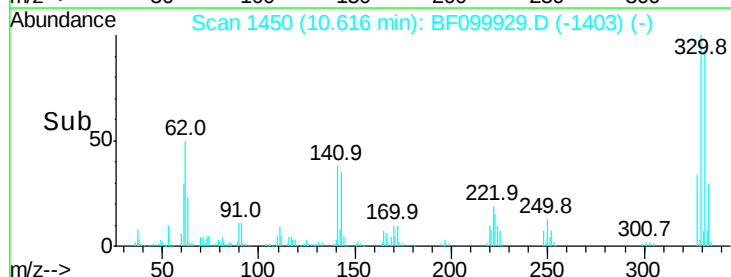
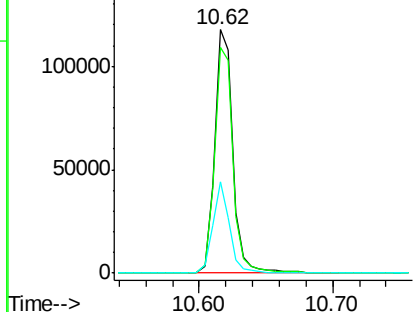


#41
2,4,6-Tribromophenol
Concen: 69.262 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Tgt Ion:330 Resp: 112572
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.6
141 34.6 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



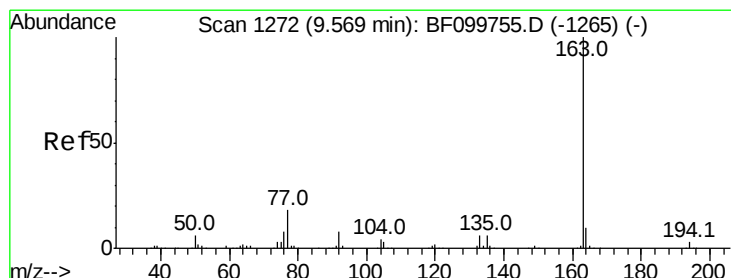
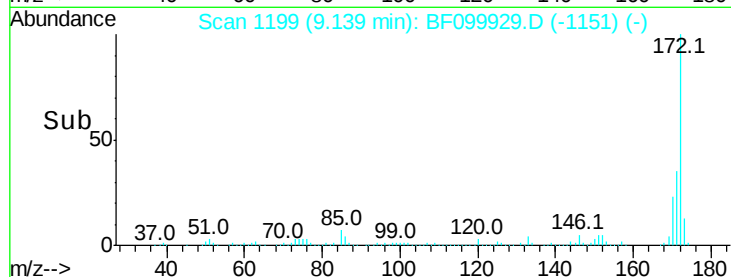
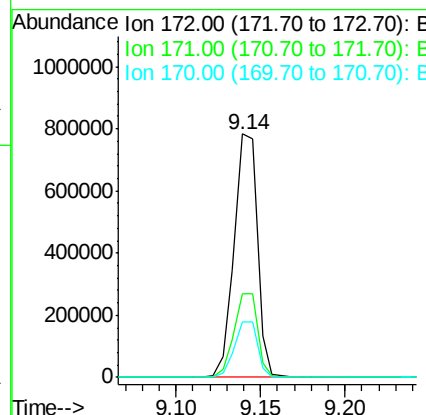
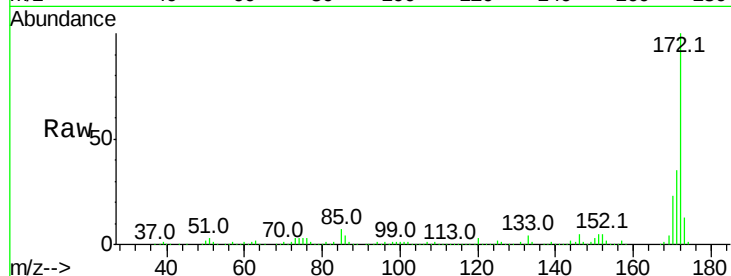


#44
 2-Fluorobiphenyl
 Concen: 65.007 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099929.D
 Acq: 28 Oct 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-102517-B

Tot Ion:172 Resp: 751459

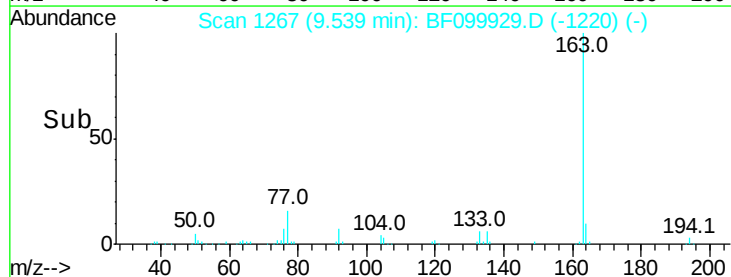
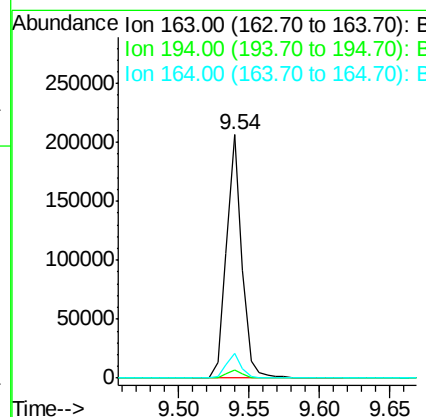
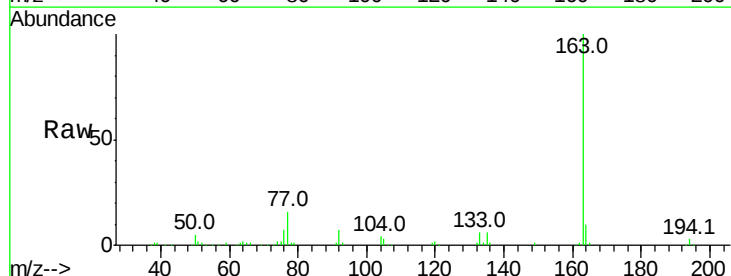
Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.0	19.6	29.4

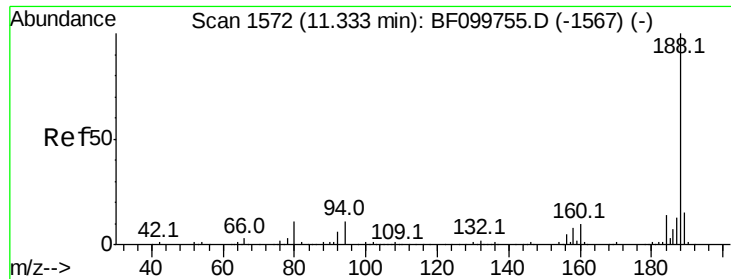


#49
 Dimethylphthalate
 Concen: 11.143 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099929.D
 Acq: 28 Oct 2017 20:46

Tgt Ion:163 Resp: 157376

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

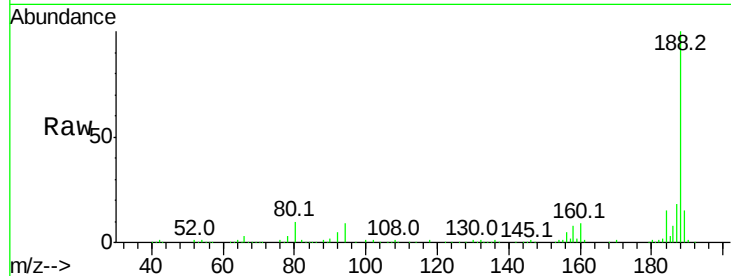




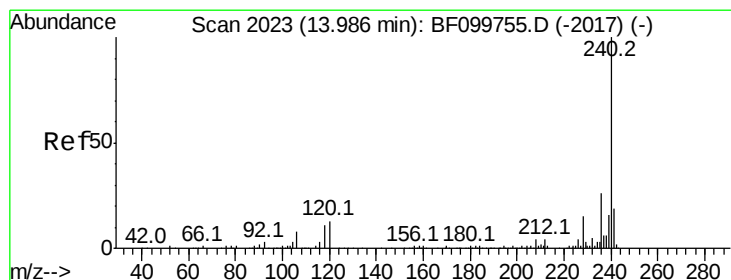
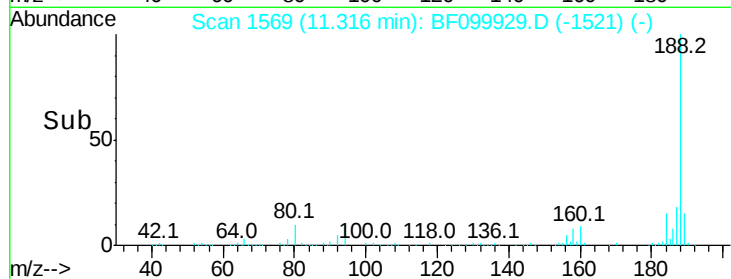
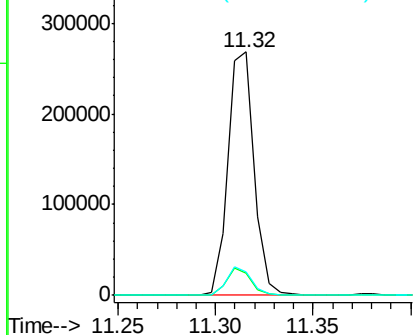
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Instrument :
BNA_F
ClientSampleId :
AU-06-102517-B

Tot Ion:188 Resp: 249164
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.6 9.2 13.8

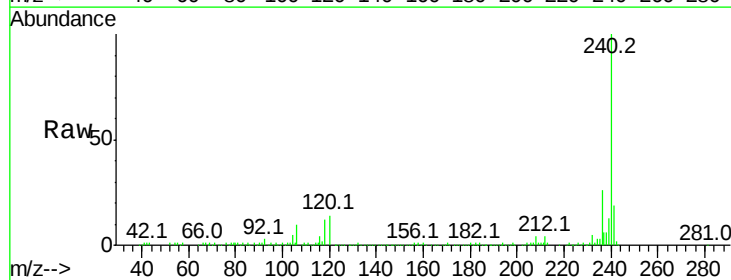


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

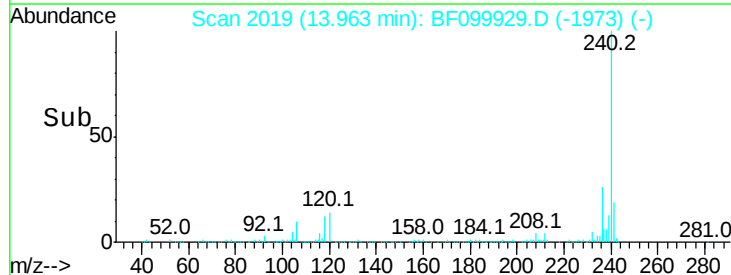
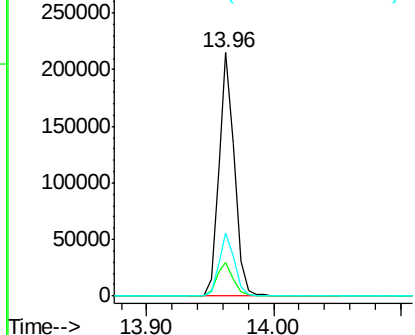


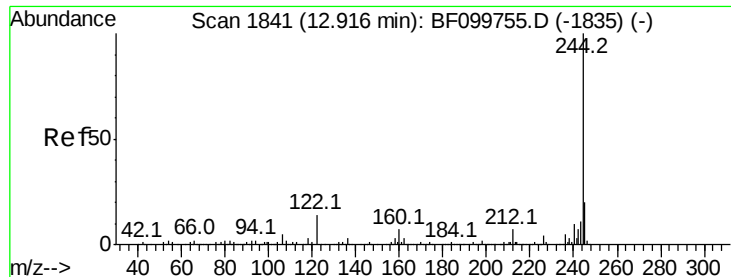
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099929.D
Acq: 28 Oct 2017 20:46

Tgt Ion:240 Resp: 185365
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: 52.006 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099929.D

Acq: 28 Oct 2017 20:46

Instrument :

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ClientSampleId :

AU-06-102517-B

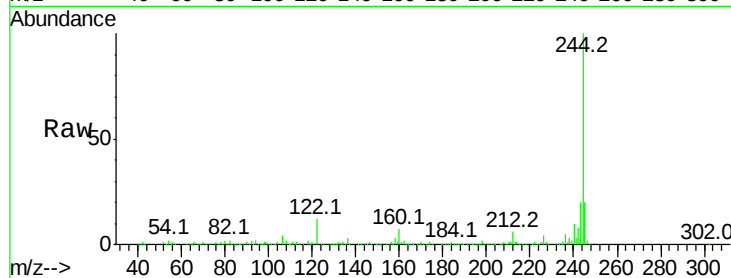
Tot Ion:244 Resp: 441118

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

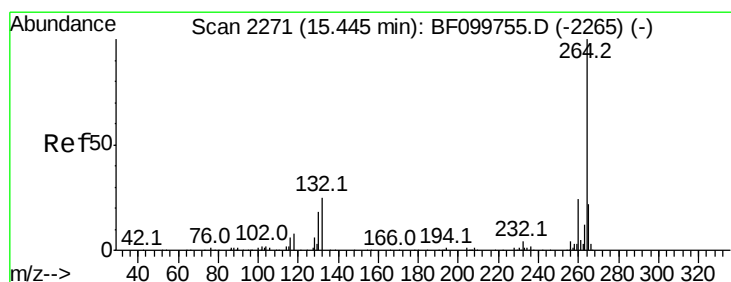
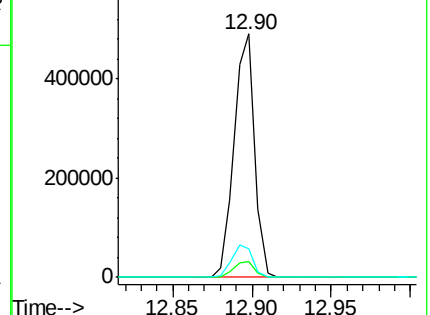
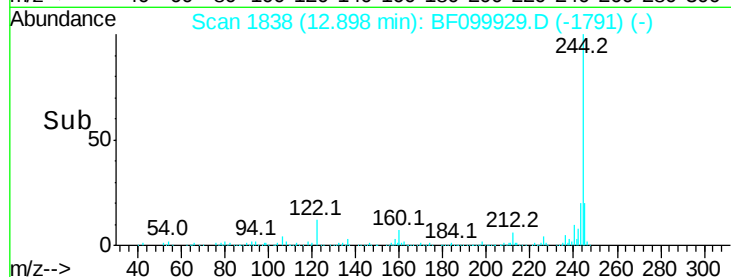
122 11.8 11.0 16.4



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: BF099929.D

Acq: 28 Oct 2017 20:46

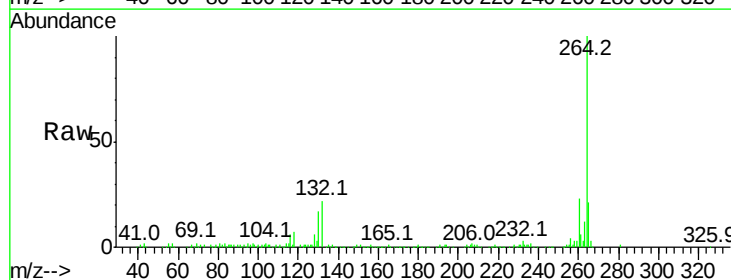
Tgt Ion:264 Resp: 192963

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.2 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

