

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099081.D
 Acq On : 4 Oct 2017 21:56
 Operator : SJ/JU
 Sample : I5644-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP

Quant Time: Oct 05 05:23:04 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

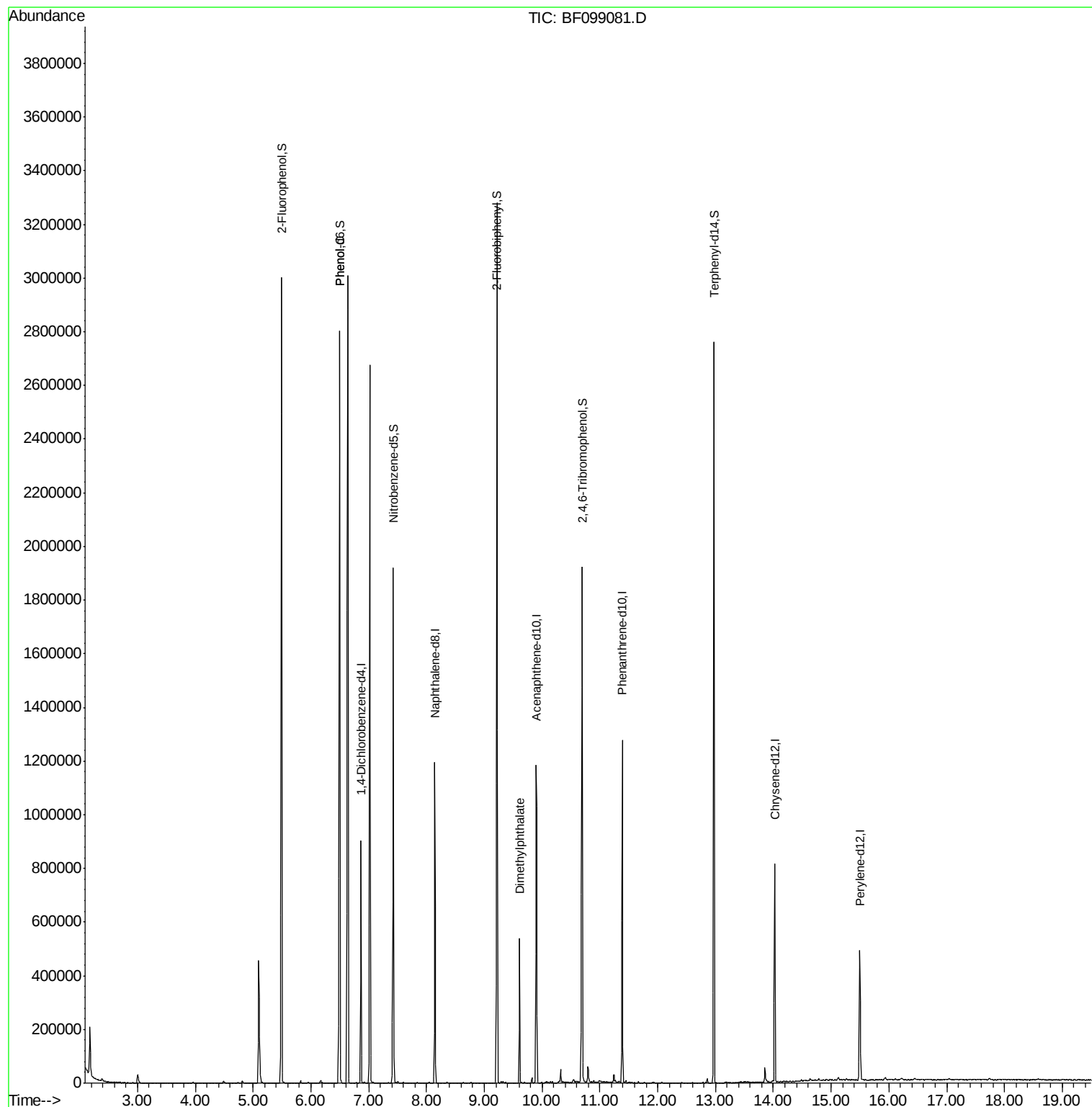
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123766	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	517174	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	234405	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	412298	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	272227	20.00	ng	-0.06
86) Perylene-d12	15.50	264	200365	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	962330	123.78	ng	-0.05
7) Phenol-d6	6.50	99	1158148	120.75	ng	-0.05
23) Nitrobenzene-d5	7.43	82	701854	87.03	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	233085	121.52	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1060775	75.55	ng	-0.06
78) Terphenyl-d14	12.97	244	904980	75.60	ng	-0.06
Target Compounds						
10) Phenol	6.50	94	28050	2.615	ng	Qvalue # 60
49) Dimethylphthalate	9.61	163	199803	11.294	ng	99

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

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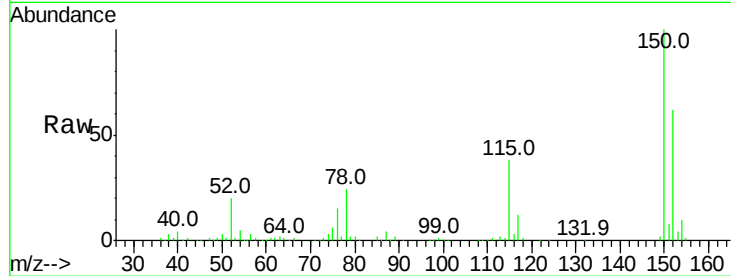


#1

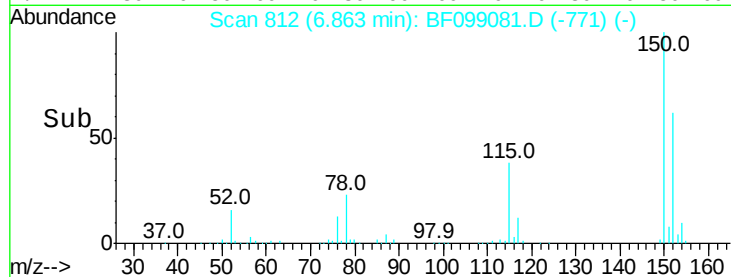
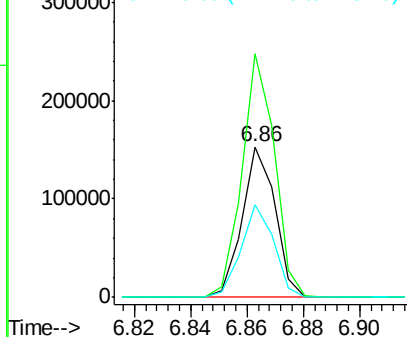
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	61.7	50.1	75.1



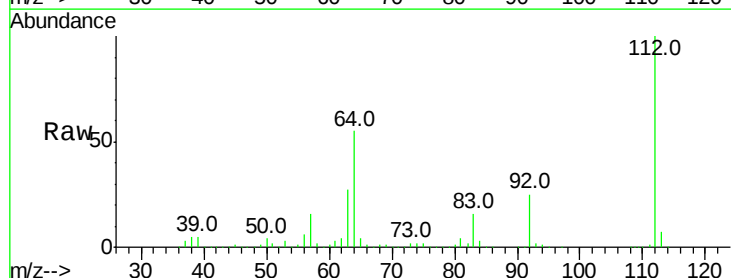
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



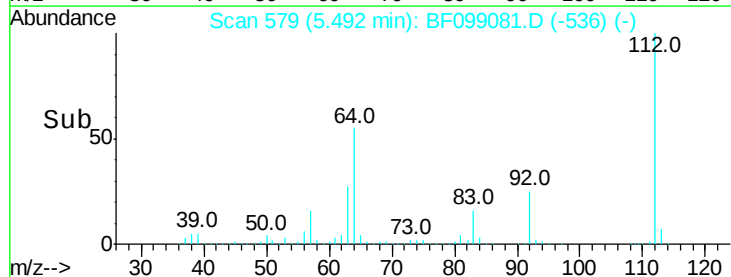
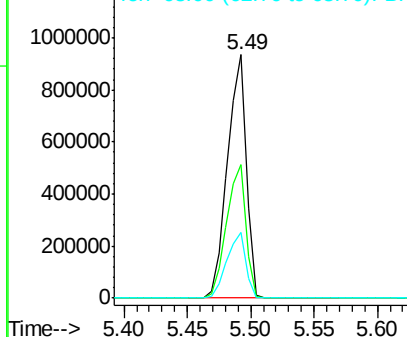
#5

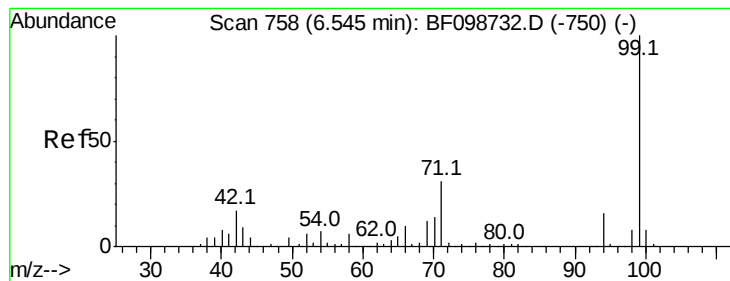
2-Fluorophenol
Concen: 123.777 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.05 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	27.2	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: 120.753 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP

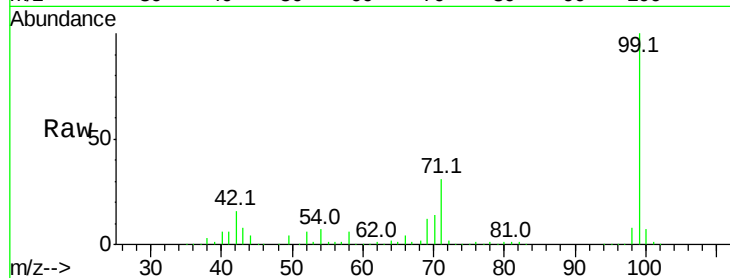
Tot Ion: 99 Resp: 1158148

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

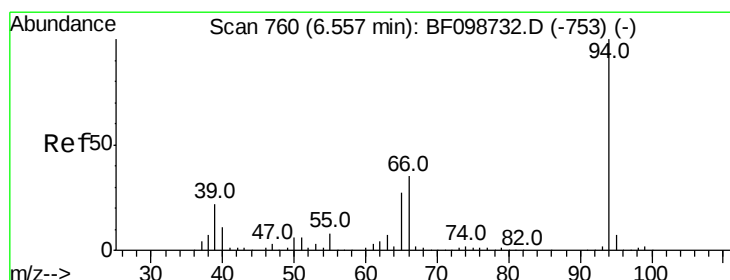
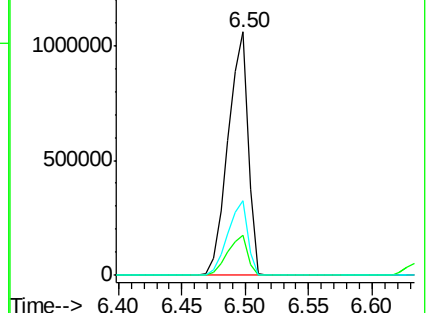
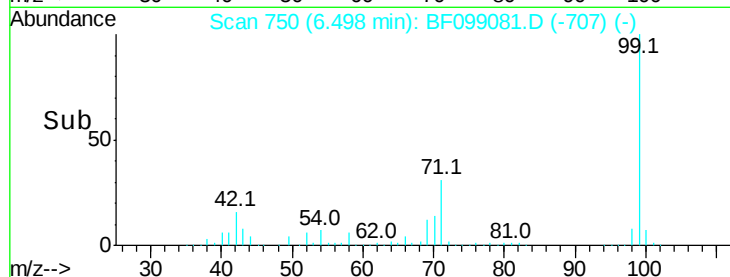
71 30.8 25.4 38.0



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: 2.615 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.05 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

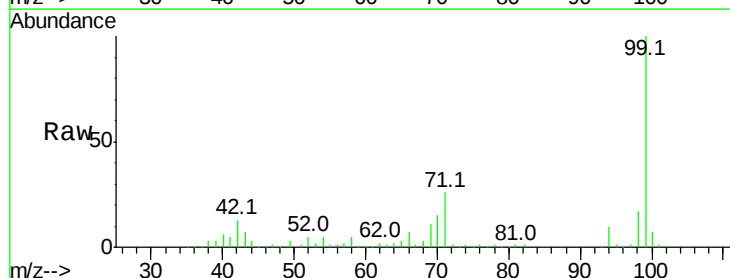
Tgt Ion: 94 Resp: 28050

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

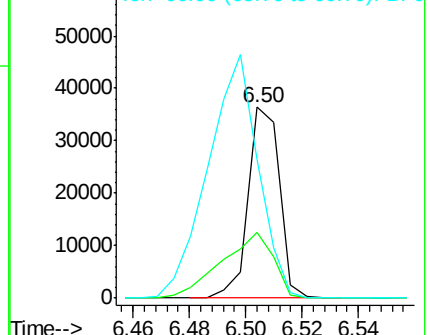
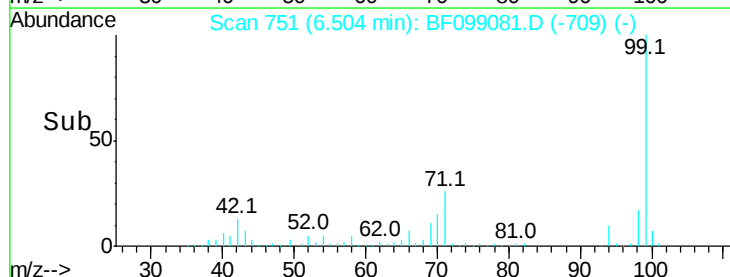
66 72.7 16.2 56.2#



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

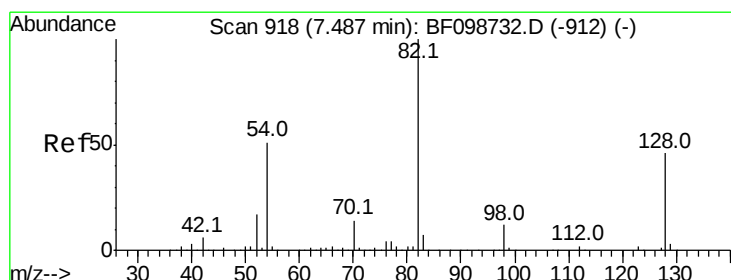
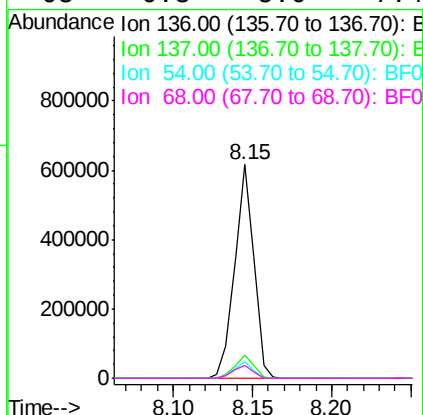
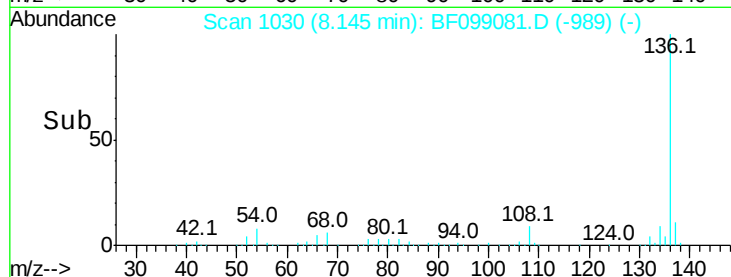
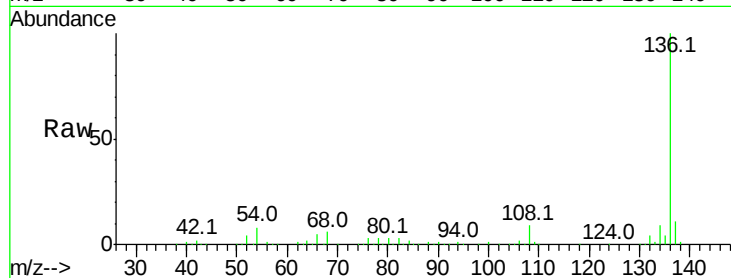




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

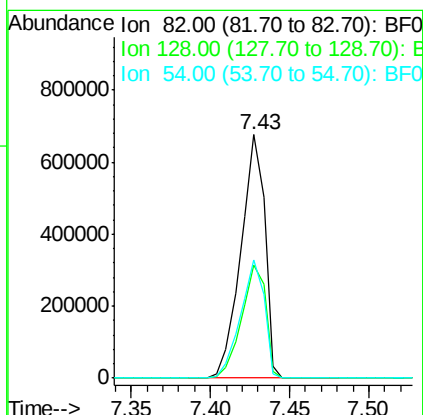
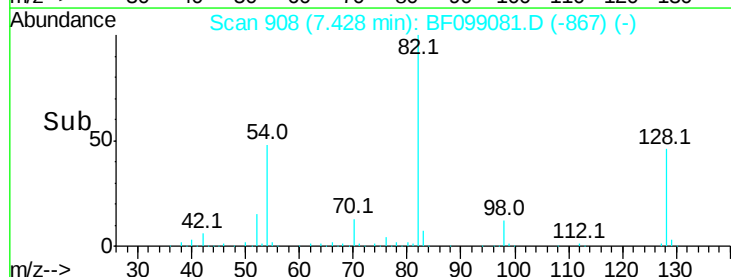
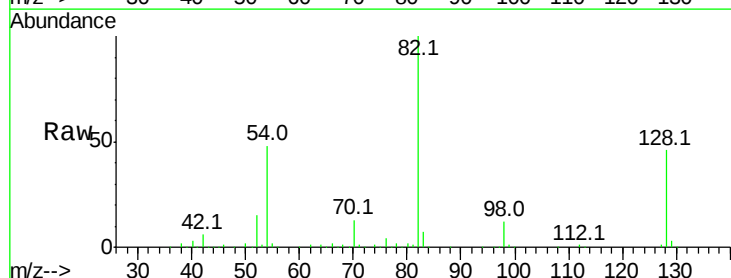
Instrument :
BNA_F
ClientSampleId :
TP-9-COMP

Tot Ion:	136	Resp:	517174
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.031 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Tgt Ion:	82	Resp:	701854
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	48.3	41.4	62.2

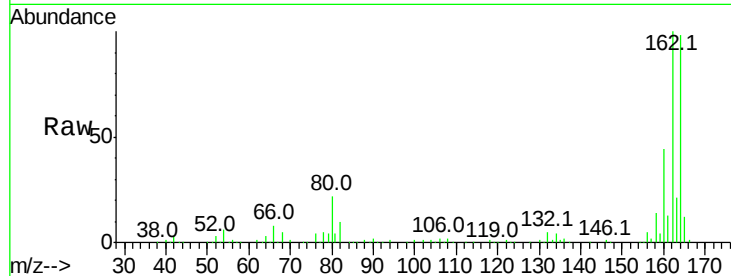




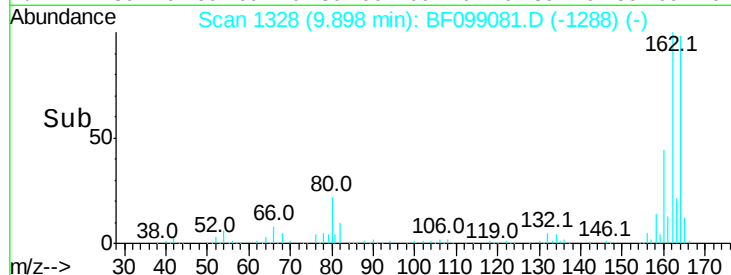
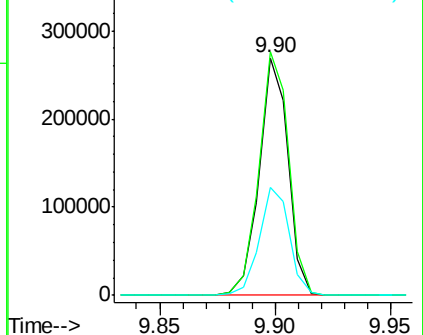
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP

Tot Ion:164 Resp: 234405
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.3 38.3 57.5

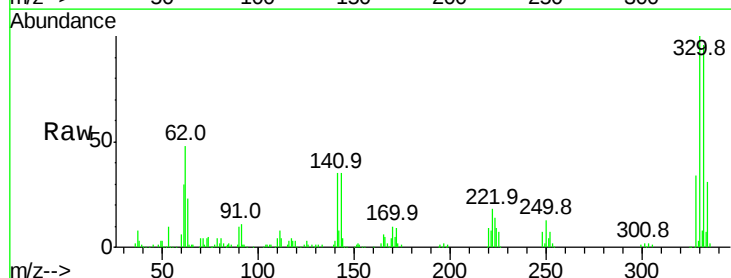


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

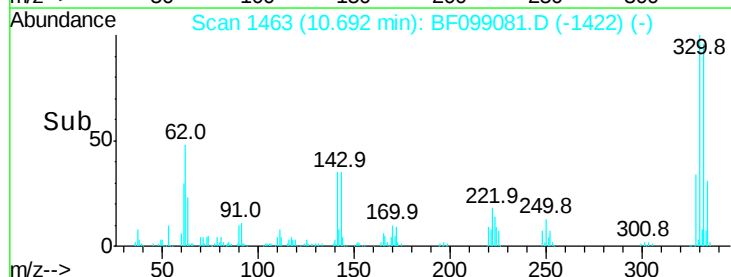
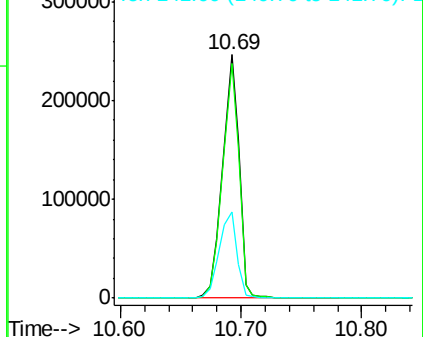


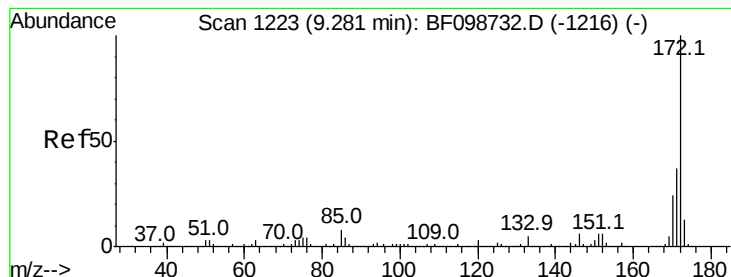
#41
2,4,6-Tribromophenol
Concen: 121.521 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Tgt Ion:330 Resp: 233085
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 38.2 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: 75.548 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.06 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

Instrument :

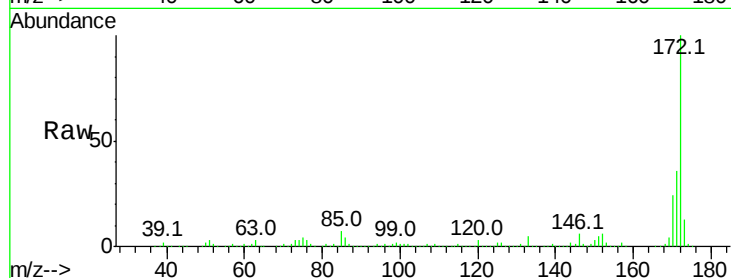
BNA_F

ClientSampleId :

TP-9-COMP

Tot Ion:172 Resp: 1060775

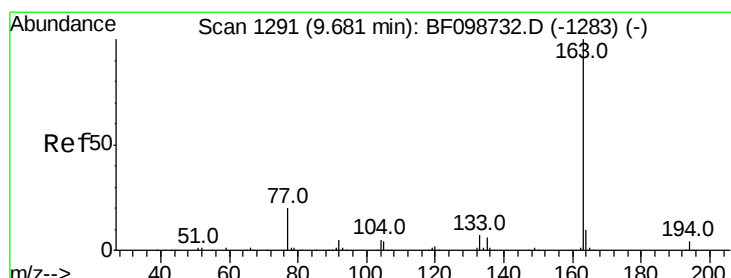
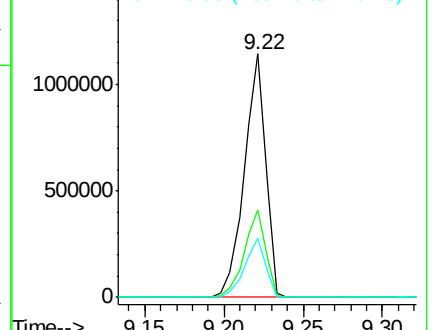
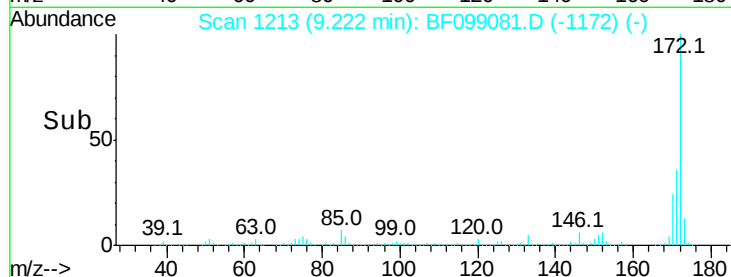
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4



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



#49

Dimethylphthalate

Concen: 11.294 ng

RT: 9.61 min Scan# 1279

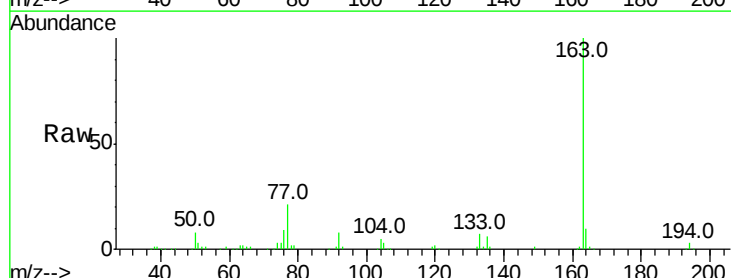
Delta R.T. -0.07 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

Tgt Ion:163 Resp: 199803

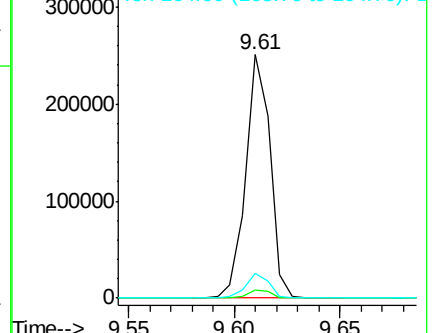
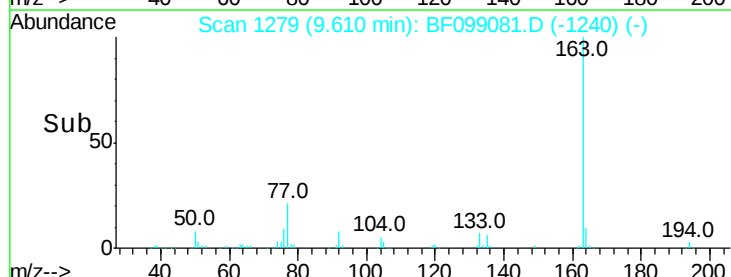
Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.9	8.2	12.2

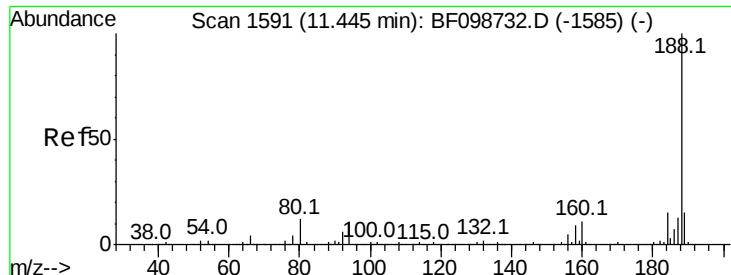


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

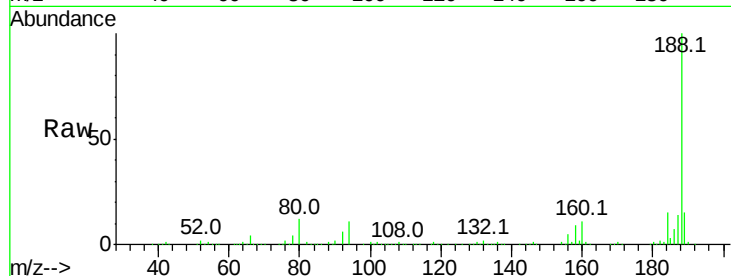




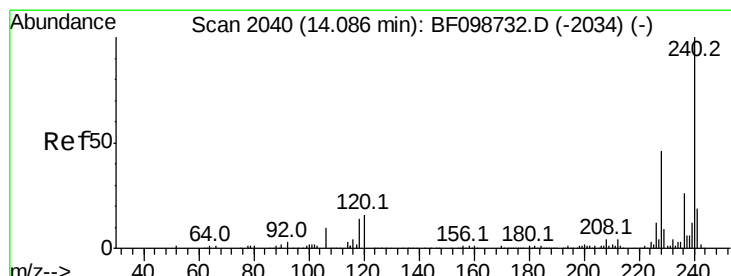
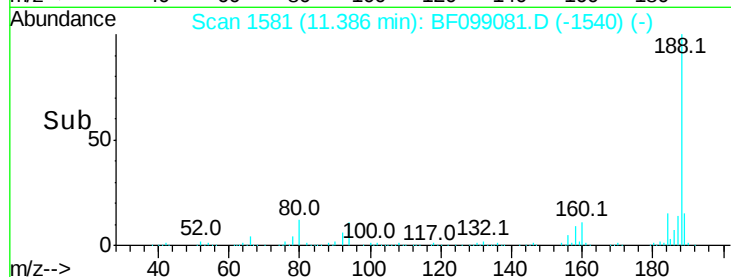
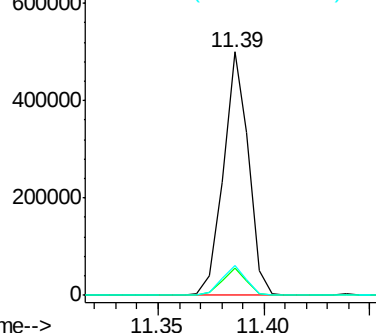
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Instrument :
BNA_F
ClientSampleId :
TP-9-COMP

Tot Ion:188 Resp: 412298
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.2 9.2 13.8

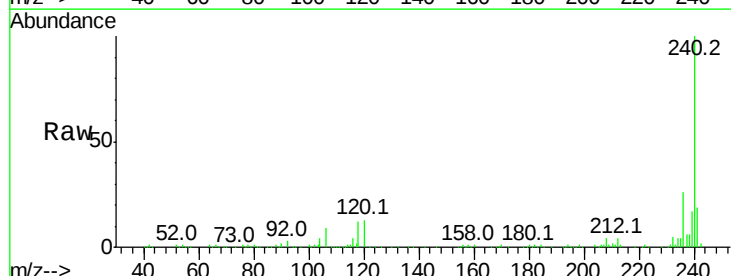


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

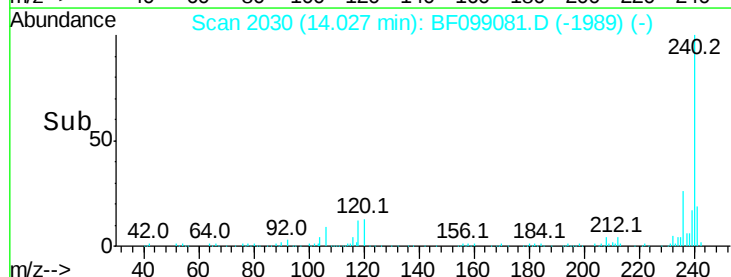
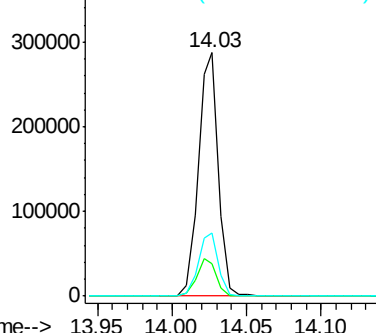


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.06 min
Lab File: BF099081.D
Acq: 4 Oct 2017 21:56

Tgt Ion:240 Resp: 272227
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.8 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: 75.603 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.06 min

Lab File: BF099081.D

Acq: 4 Oct 2017 21:56

Instrument :

BNA_F

ClientSampleId :

TP-9-COMP

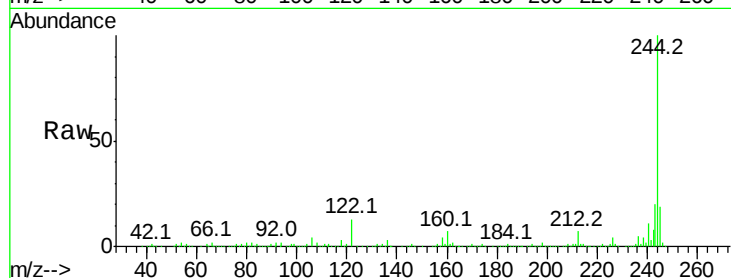
Tot Ion:244 Resp: 904980

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

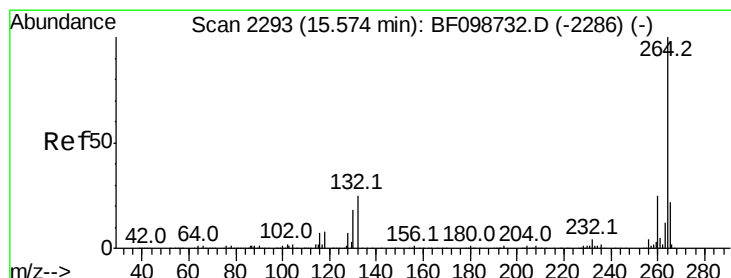
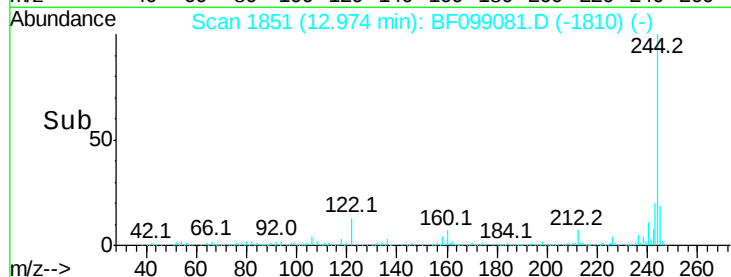
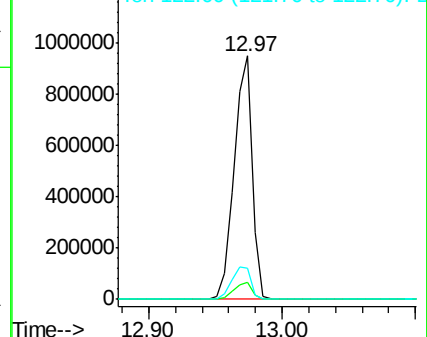
122 12.6 11.0 16.4



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: BF099081.D

Acq: 4 Oct 2017 21:56

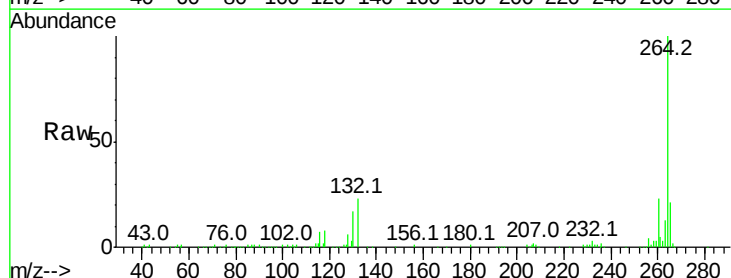
Tgt Ion:264 Resp: 200365

Ion Ratio Lower Upper

264 100

260 23.4 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

