

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099363.D
 Acq On : 11 Oct 2017 23:59
 Operator : SJ/JU
 Sample : I5710-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29(5-5.5)

Quant Time: Oct 12 01:37:47 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

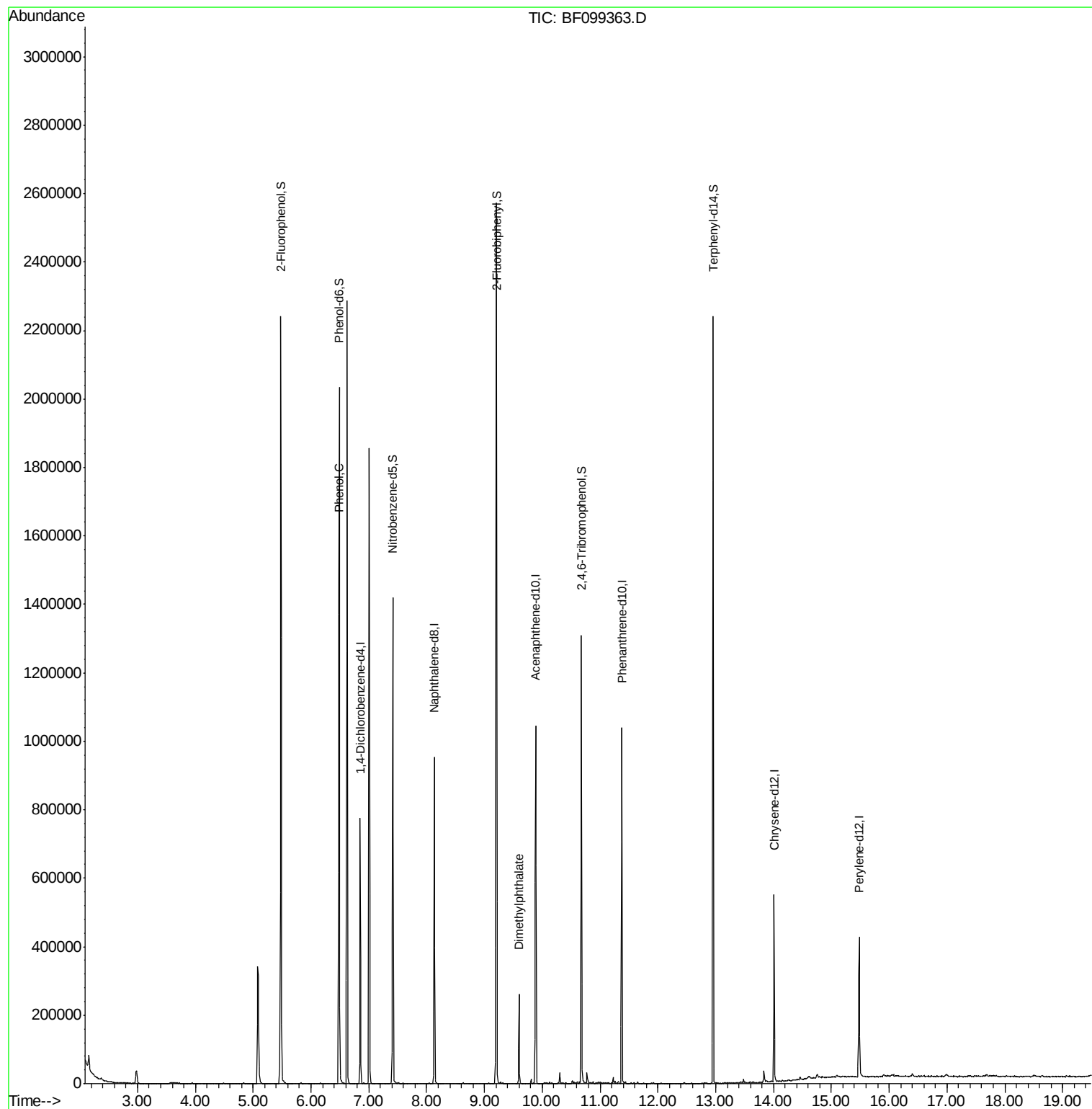
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107907	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	441234	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197994	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	344783	20.00	ng	0.00
75) Chrysene-d12	14.01	240	178167	20.00	ng	0.00
86) Perylene-d12	15.48	264	169573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	668380	98.60	ng	0.01
7) Phenol-d6	6.49	99	793186	94.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	473411	68.81	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	162646	100.39	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	912365	76.93	ng	0.00
78) Terphenyl-d14	12.96	244	701434	89.53	ng	0.00
Target Compounds						
10) Phenol	6.50	94	22308	2.385	ng	97
49) Dimethylphthalate	9.60	163	101375	6.784	ng	99

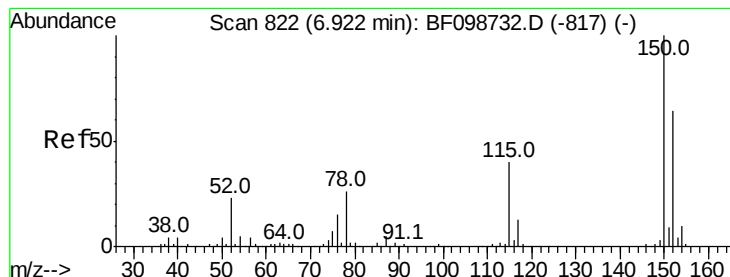
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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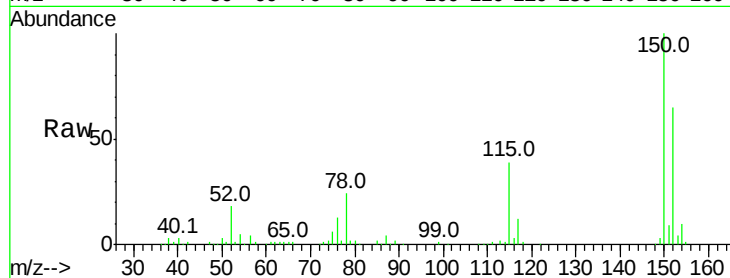


#1

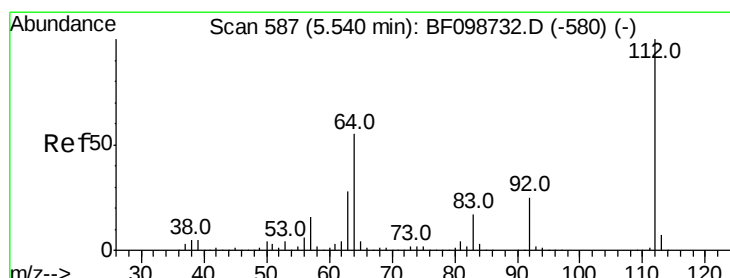
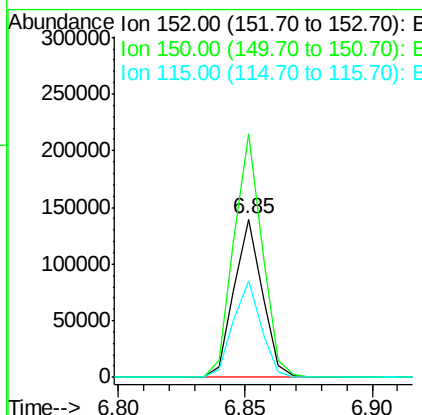
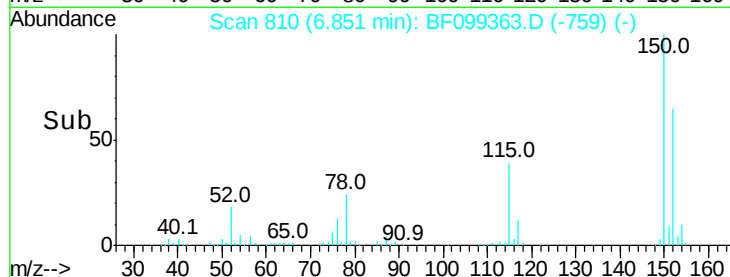
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-29(5-5.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	60.5	50.1	75.1



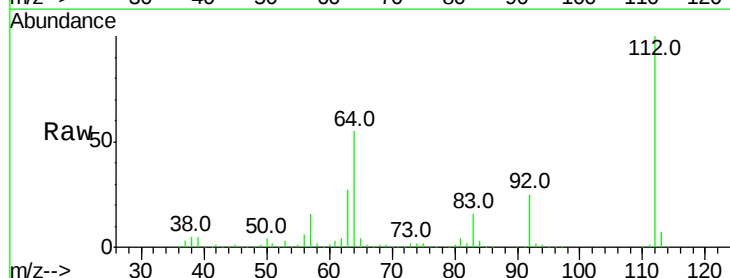
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



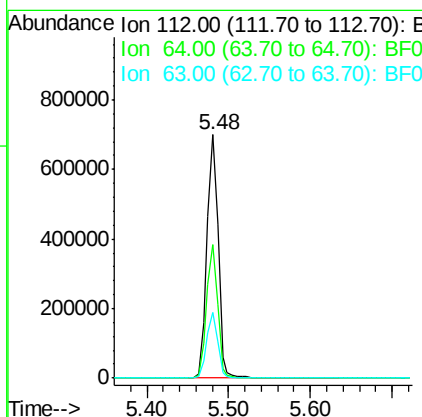
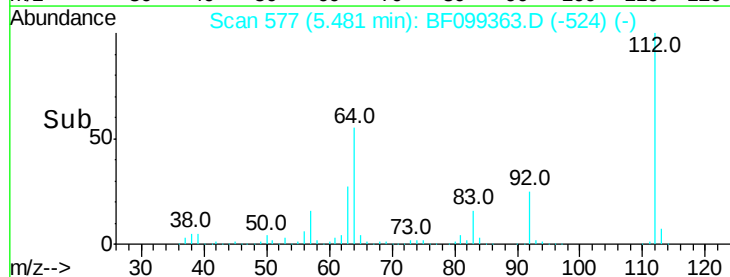
#5

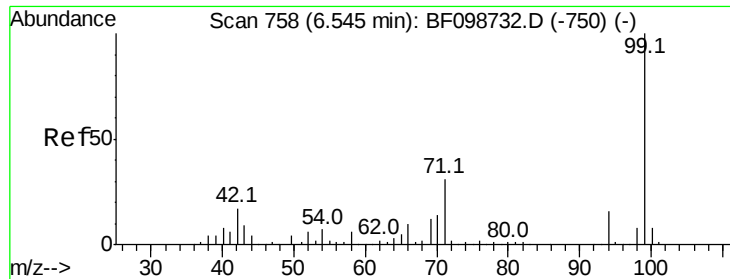
2-Fluorophenol
 Concen: 98.603 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	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: 94.855 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099363.D

Acq: 11 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

SB-29(5-5.5)

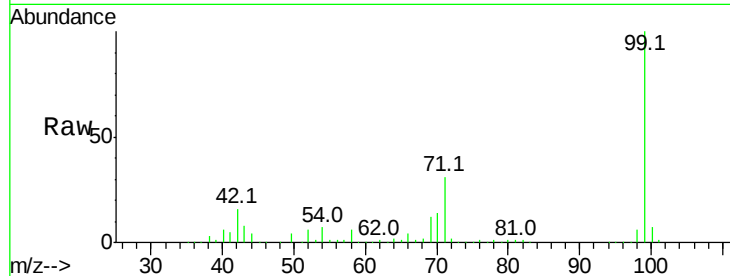
Tot Ion: 99 Resp: 793186

Ion Ratio Lower Upper

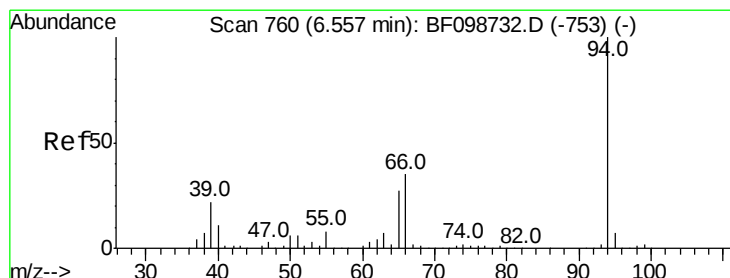
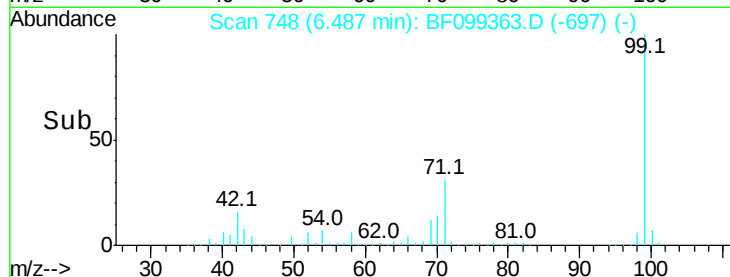
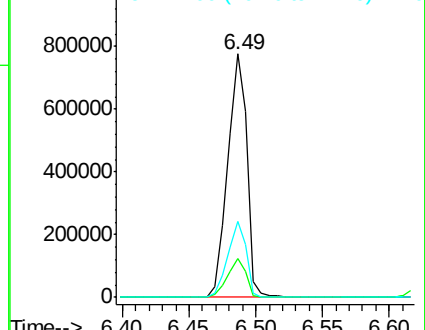
99 100

42 15.8 14.5 21.7

71 31.0 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: 2.385 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099363.D

Acq: 11 Oct 2017 23:59

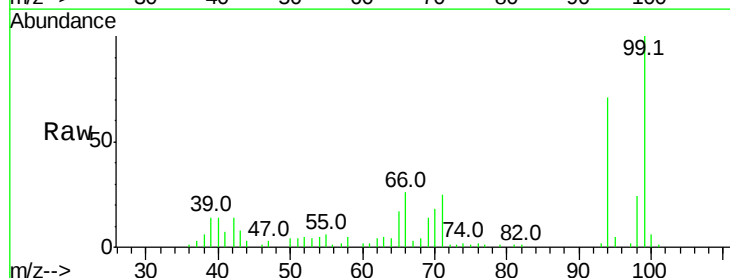
Tgt Ion: 94 Resp: 22308

Ion Ratio Lower Upper

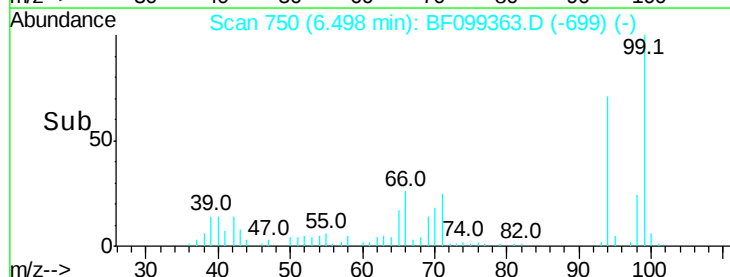
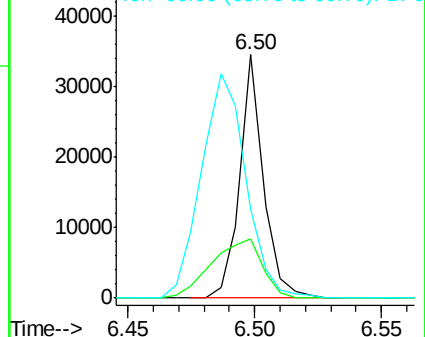
94 100

65 24.1 7.9 47.9

66 36.3 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

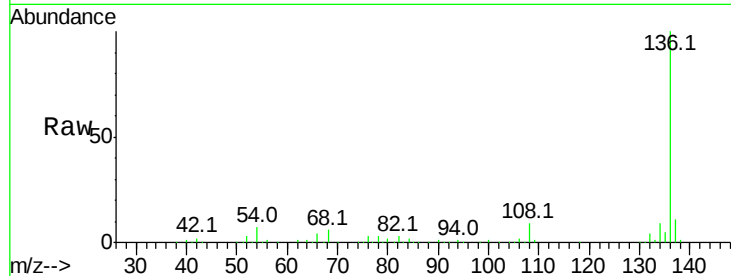




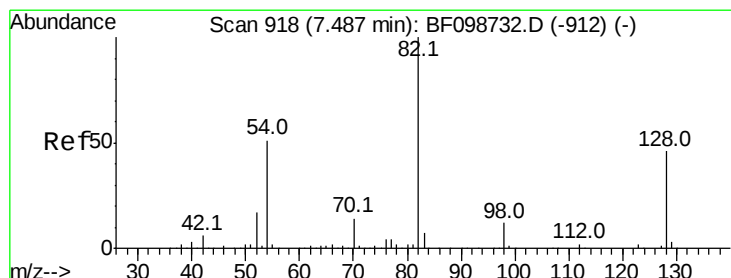
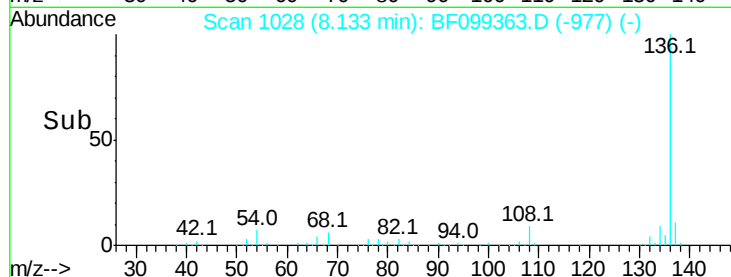
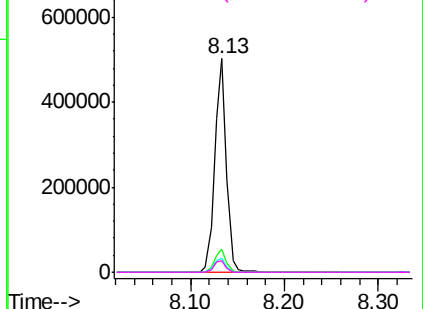
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
SB-29(5-5.5)

Tot Ion:	136	Resp:	441234
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.5	5.0	7.4

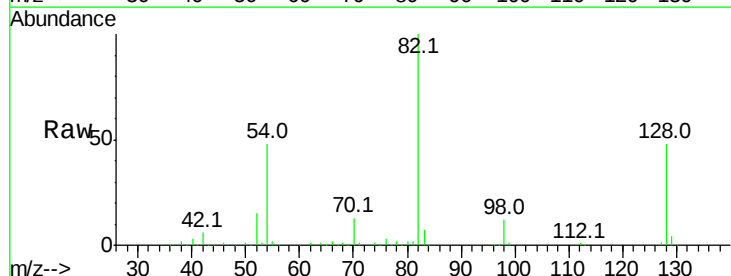


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

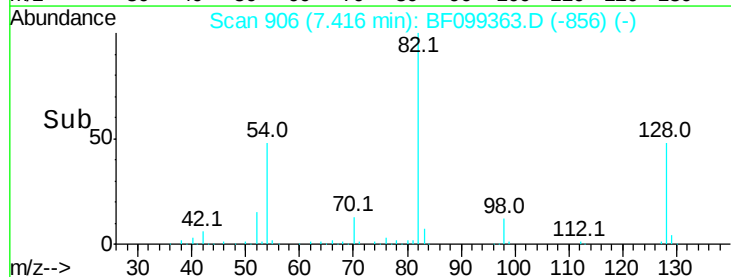
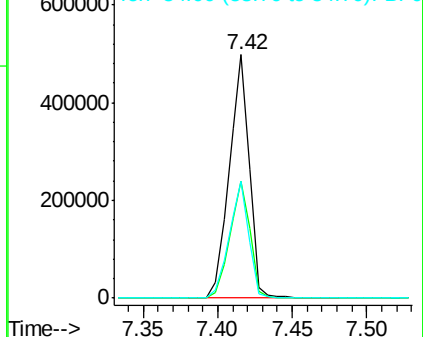


#23
Nitrobenzene-d5
Concen: 68.807 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Tgt Ion:	82	Resp:	473411
Ion	Ratio	Lower	Upper
82	100		
128	48.1	36.1	54.1
54	47.8	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

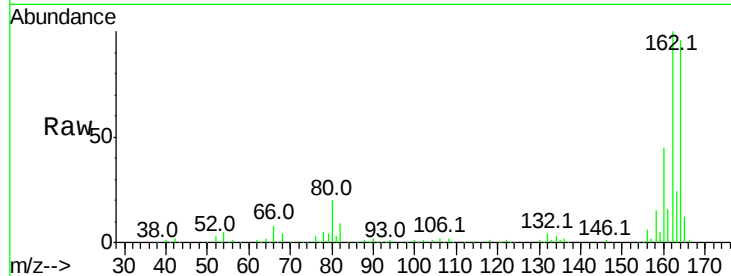




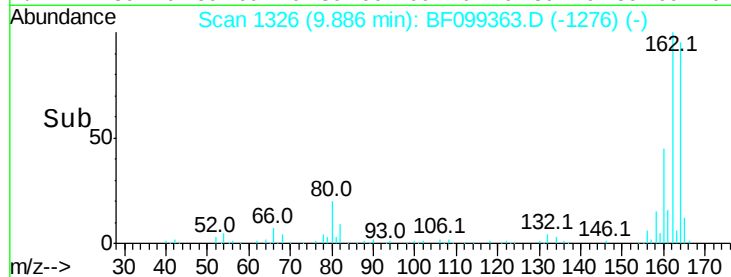
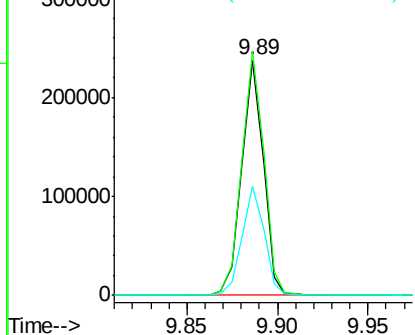
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
SB-29(5-5.5)

Tot Ion:164 Resp: 197994
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.2 38.3 57.5

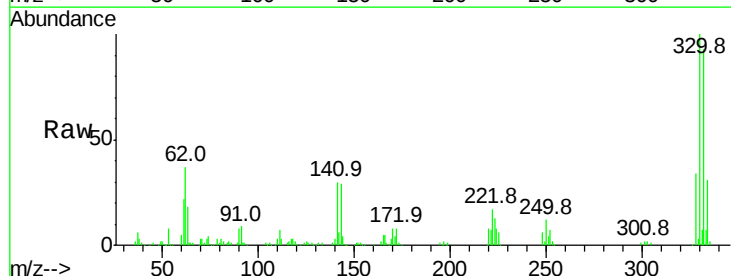


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

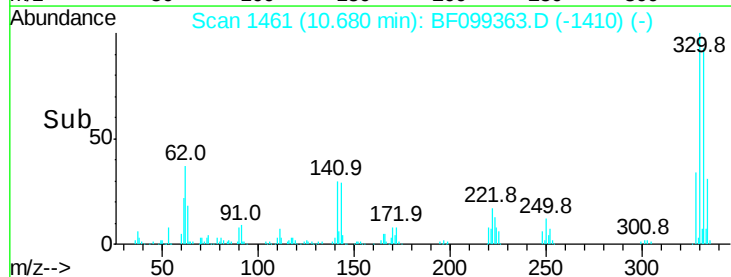
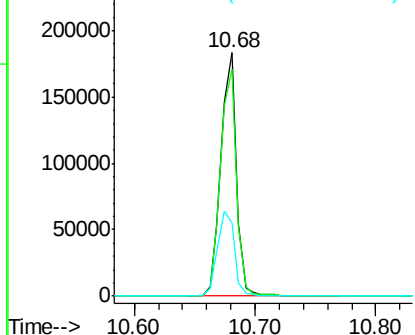


#41
2,4,6-Tribromophenol
Concen: 100.391 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Tgt Ion:330 Resp: 162646
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 38.0 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

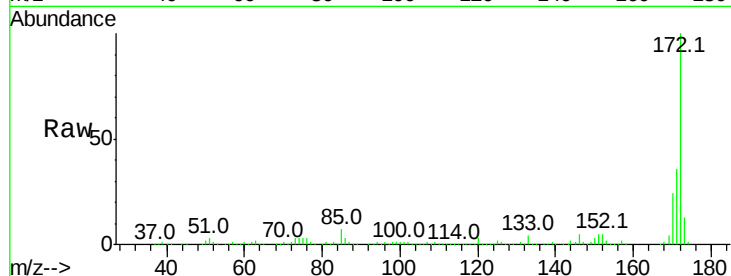




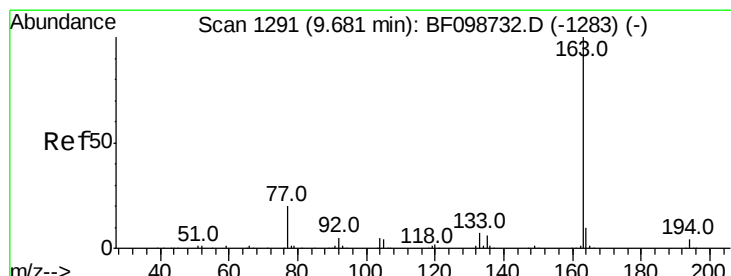
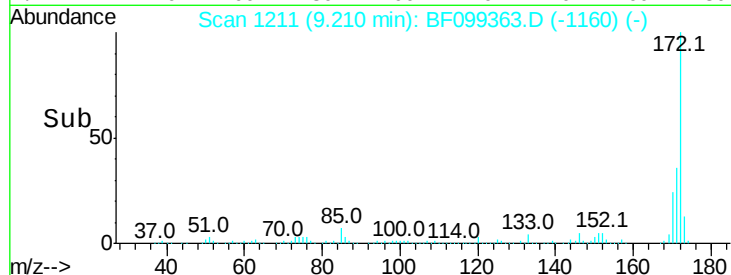
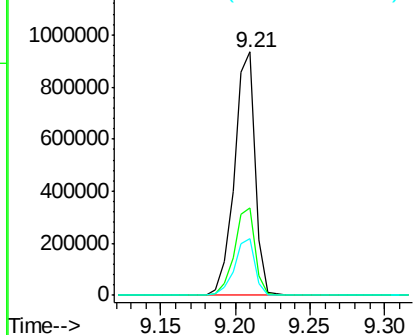
#44
 2-Fluorobiphenyl
 Concen: 76.927 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-29(5-5.5)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.5	19.6	29.4

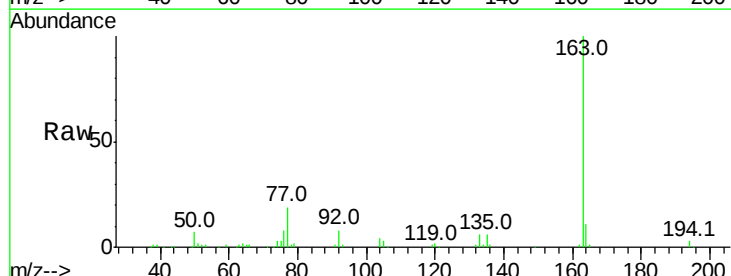


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

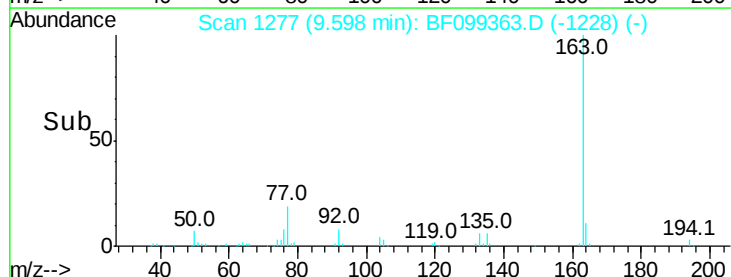
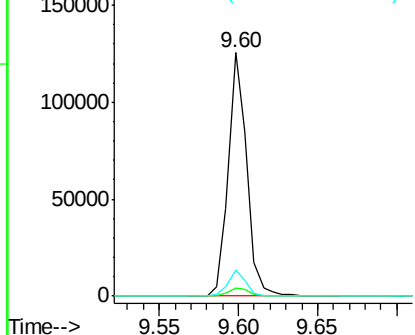


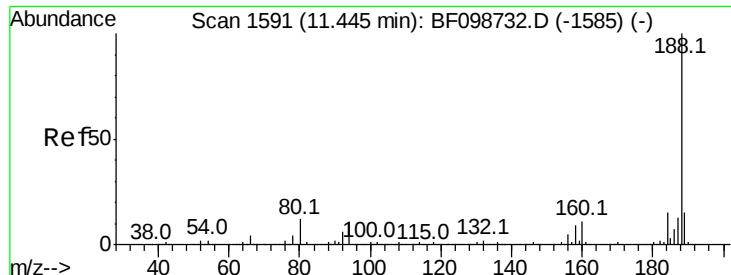
#49
 Dimethylphthalate
 Concen: 6.784 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.6	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

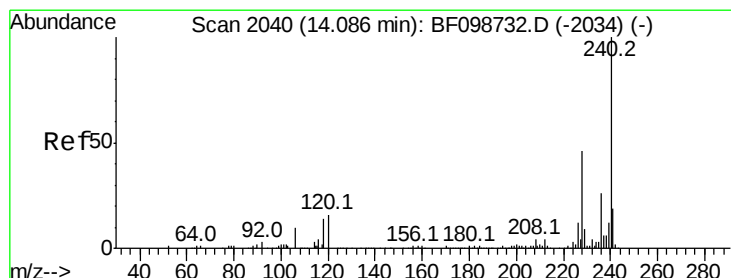
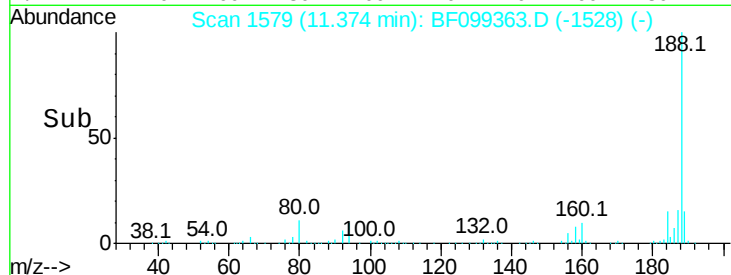
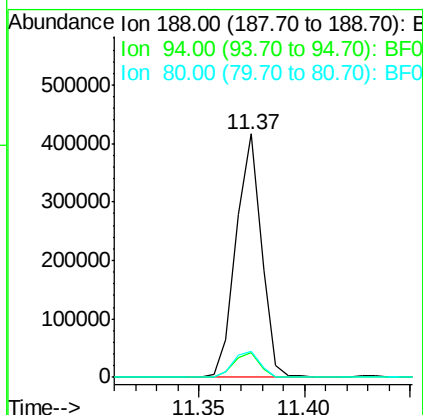
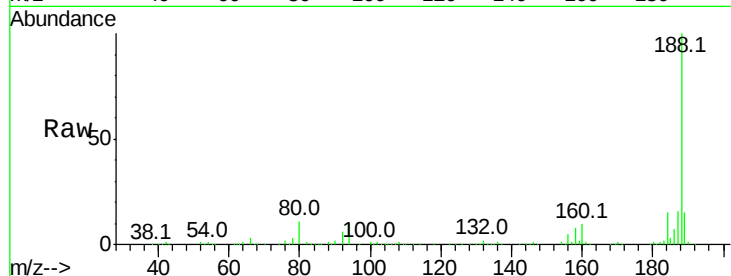




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

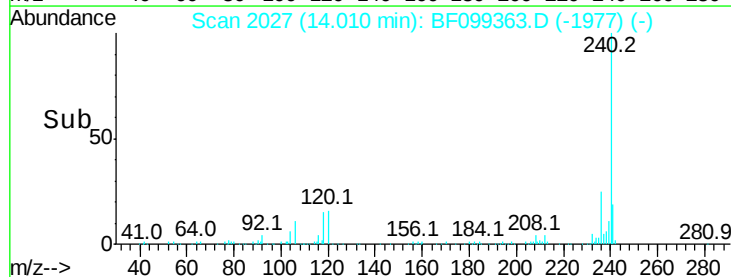
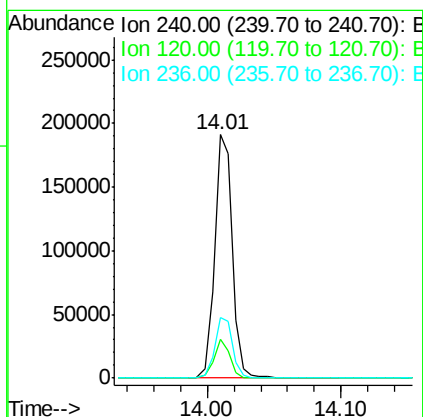
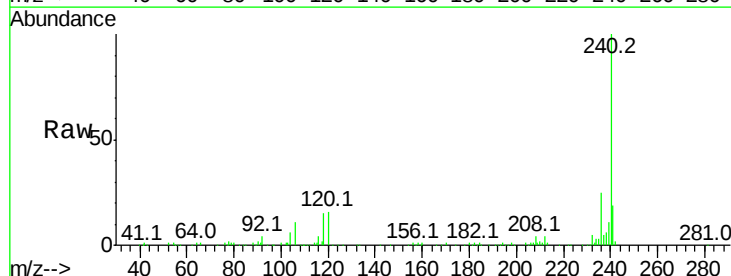
Instrument :
BNA_F
ClientSampleId :
SB-29(5-5.5)

Tot Ion:188 Resp: 344783
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Tgt Ion:240 Resp: 178167
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 89.534 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF099363.D

Acq: 11 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

SB-29(5-5.5)

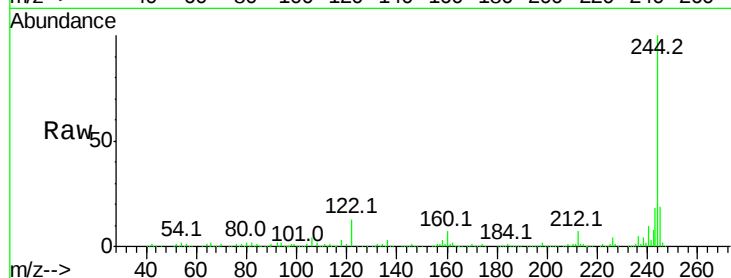
Tot Ion:244 Resp: 701434

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

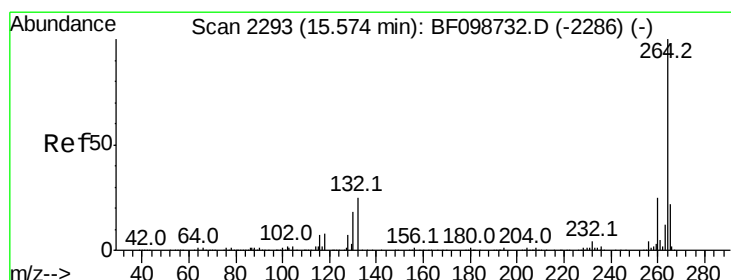
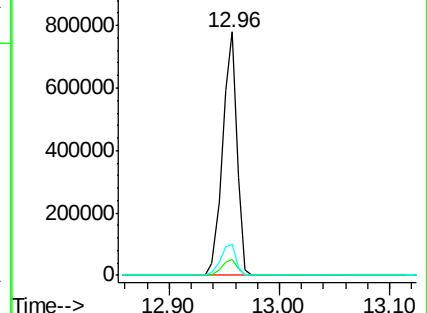
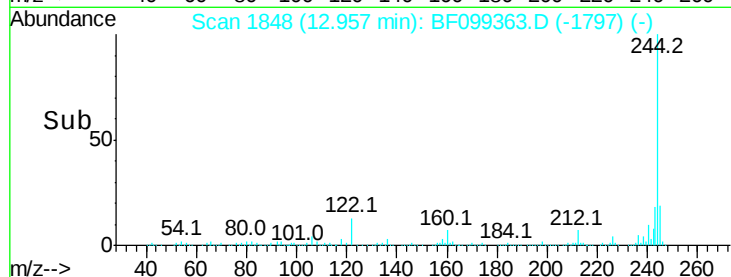
122 13.0 11.0 16.4



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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF099363.D

Acq: 11 Oct 2017 23:59

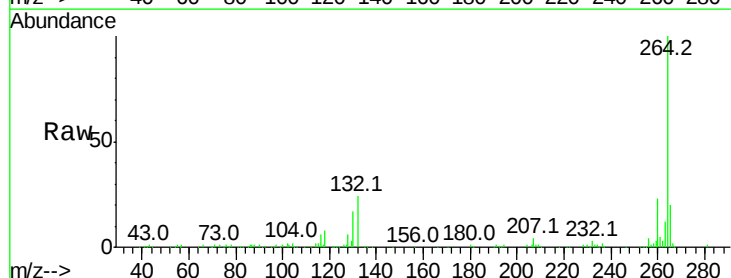
Tgt Ion:264 Resp: 169573

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.0 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

