

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099046.D
 Acq On : 3 Oct 2017 22:39
 Operator : SJ/JU
 Sample : I5601-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016

Quant Time: Oct 04 03:03:42 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

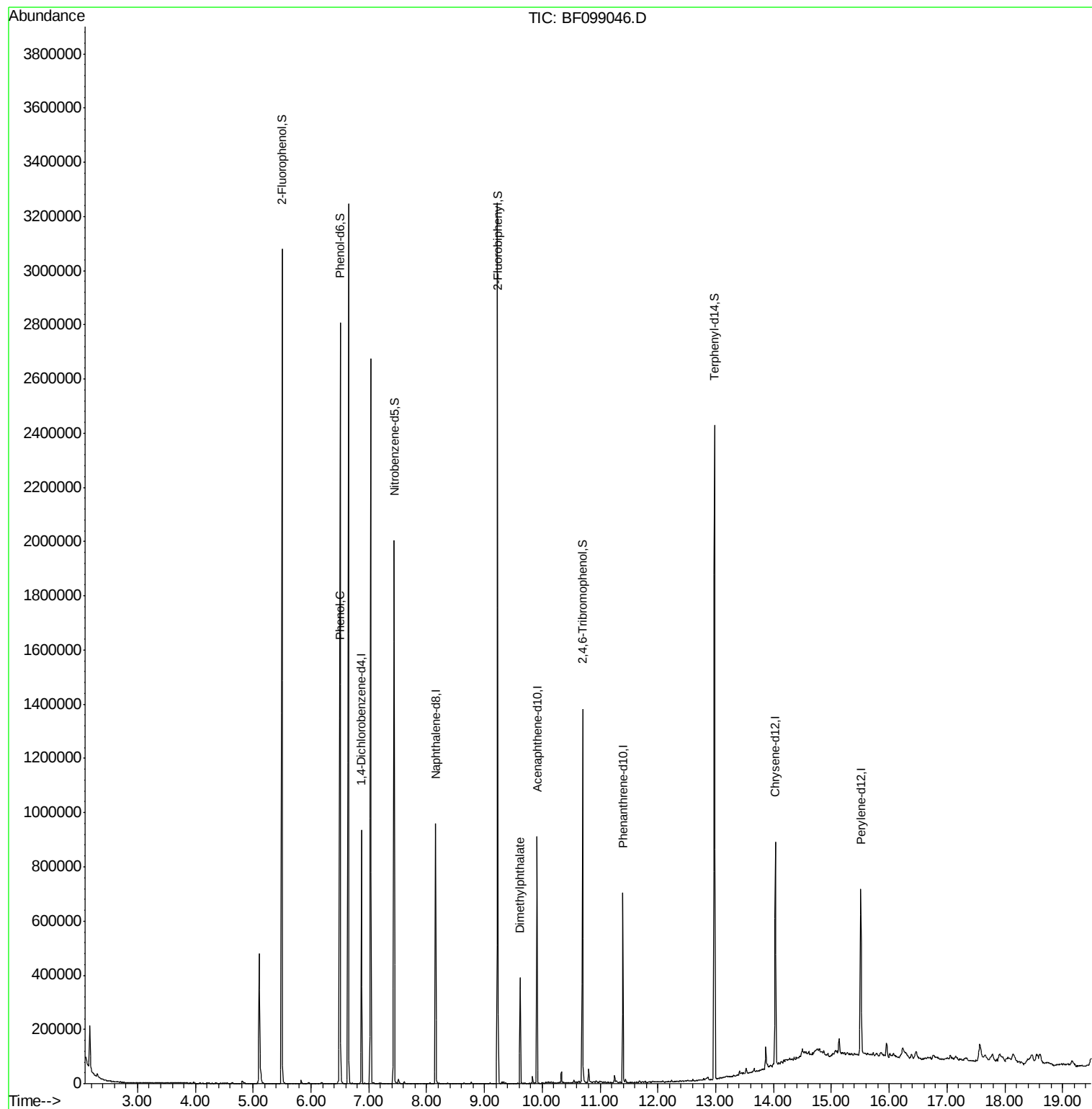
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126089	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	459777	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	165245	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	240300	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	240260	20.00	ng	-0.05
86) Perylene-d12	15.51	264	252794	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	970963	122.59	ng	-0.04
7) Phenol-d6	6.50	99	1136783	116.34	ng	-0.04
23) Nitrobenzene-d5	7.44	82	665262	92.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	144089	106.56	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1052316	106.31	ng	-0.05
78) Terphenyl-d14	12.98	244	721534	68.30	ng	-0.05
Target Compounds						
10) Phenol	6.52	94	28191	2.580	ng	94
49) Dimethylphthalate	9.62	163	155103	12.436	ng	99

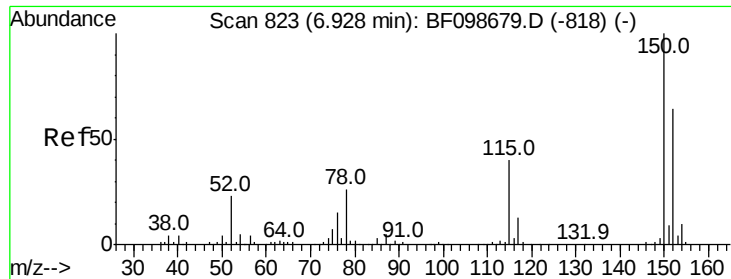
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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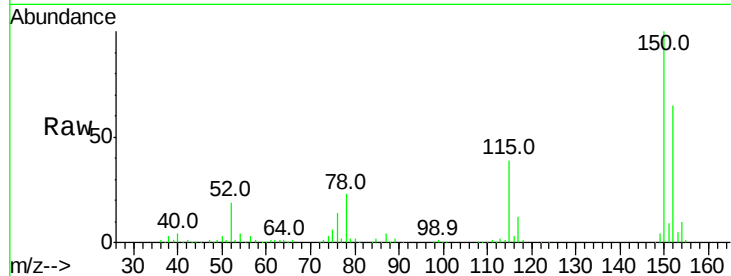


#1

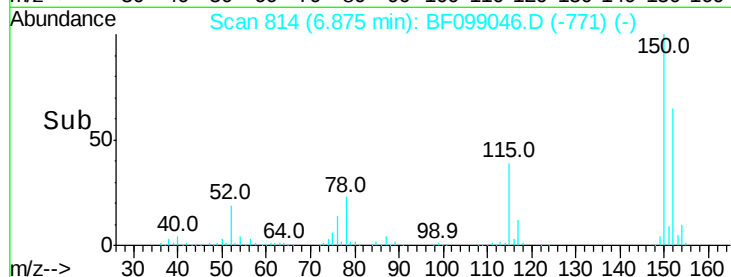
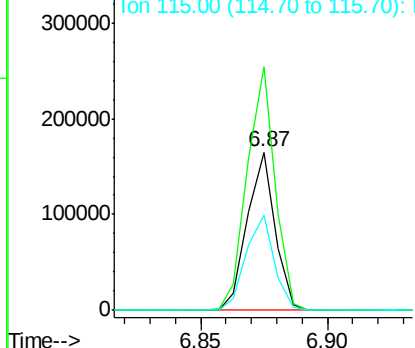
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF099046.D
 Acq: 3 Oct 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016

Tot Ion:152 Resp: 126089
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 59.9 50.1 75.1



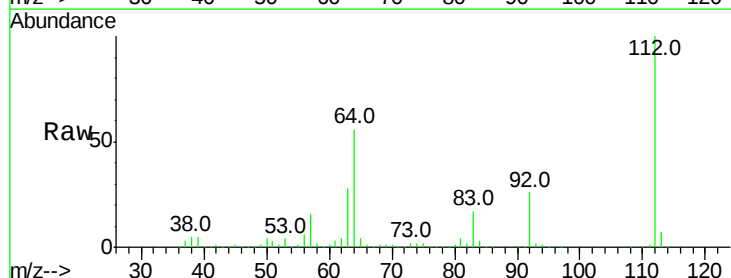
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



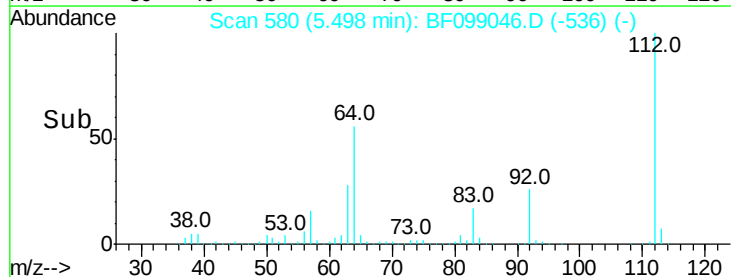
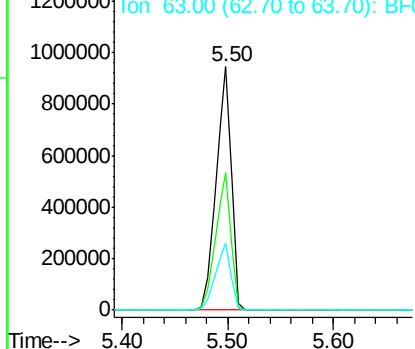
#5

2-Fluorophenol
 Concen: 122.586 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.04 min
 Lab File: BF099046.D
 Acq: 3 Oct 2017 22:39

Tgt Ion:112 Resp: 970963
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.9 71.9
 63 27.7 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: 116.342 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099046.D

Acq: 3 Oct 2017 22:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

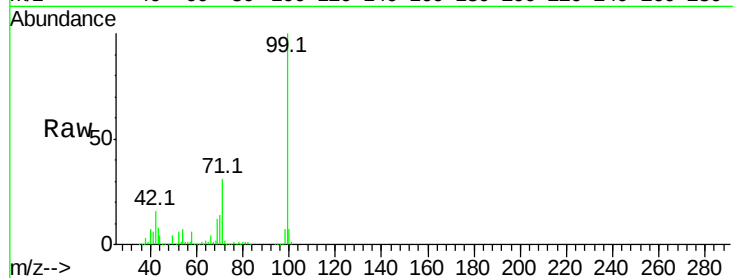
Tot Ion: 99 Resp: 1136783

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

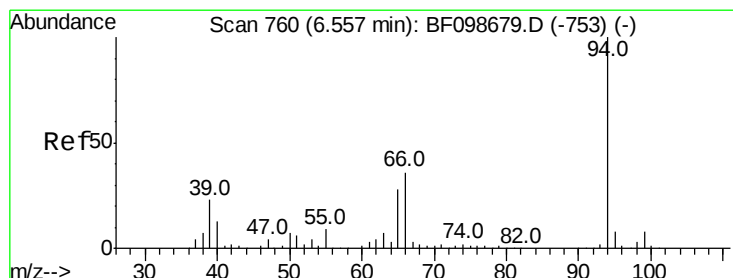
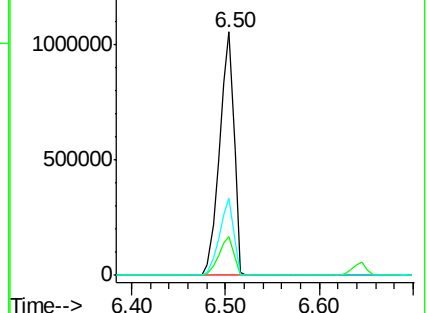
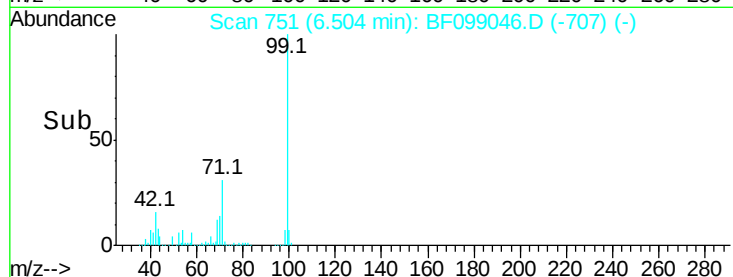
71 31.5 25.4 38.0



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: 2.580 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BF099046.D

Acq: 3 Oct 2017 22:39

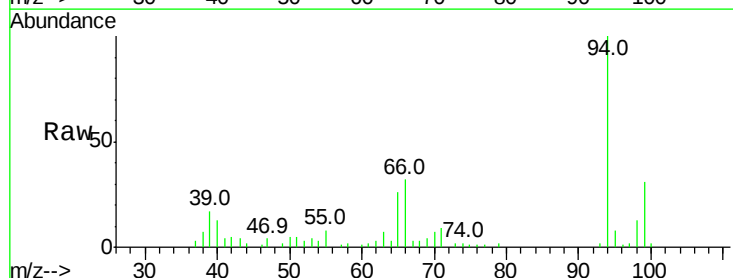
Tgt Ion: 94 Resp: 28191

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

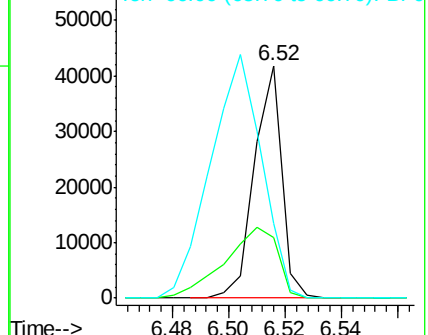
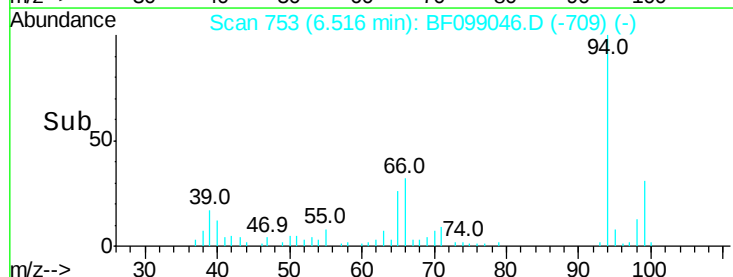
66 32.1 16.2 56.2

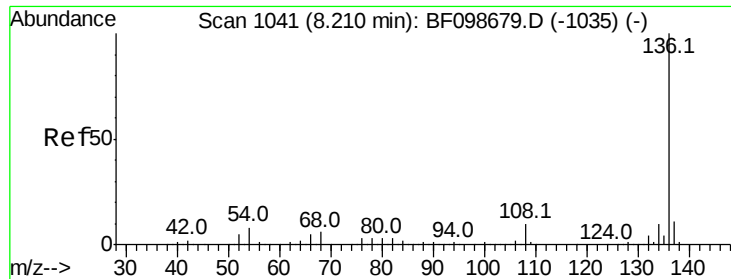


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

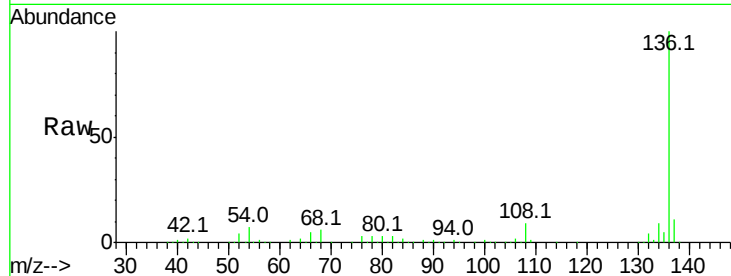




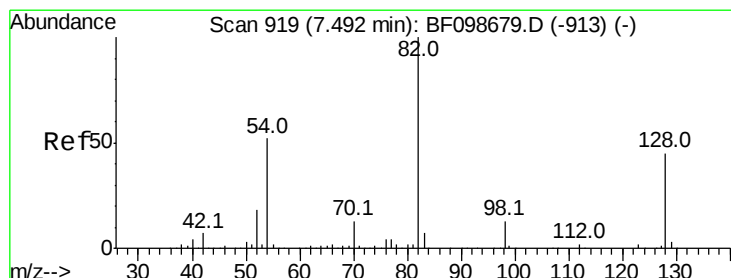
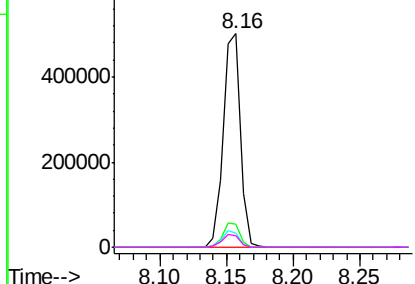
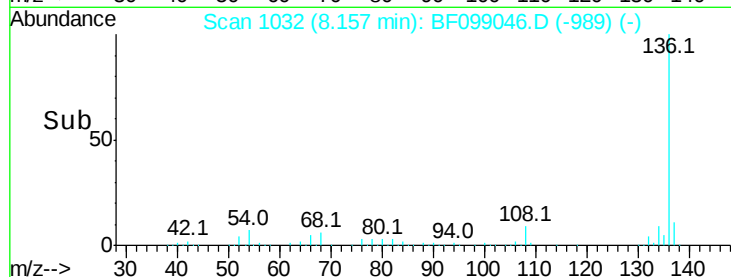
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099046.D
Acq: 3 Oct 2017 22:39

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016

Tot Ion:	136	Resp:	459777
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	5.6	5.0	7.4

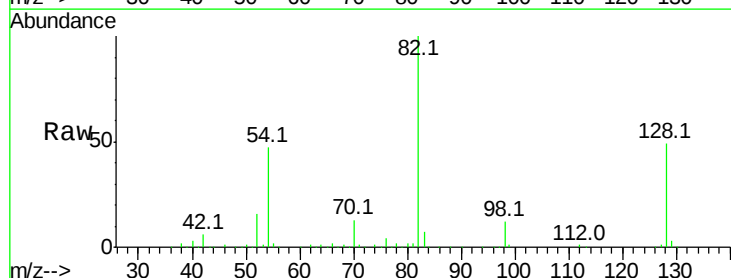


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

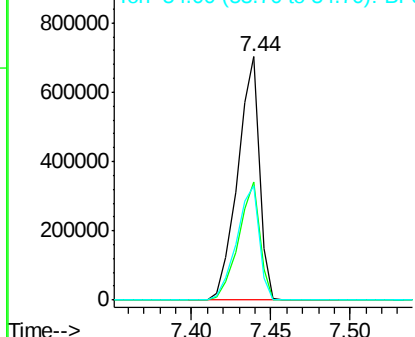
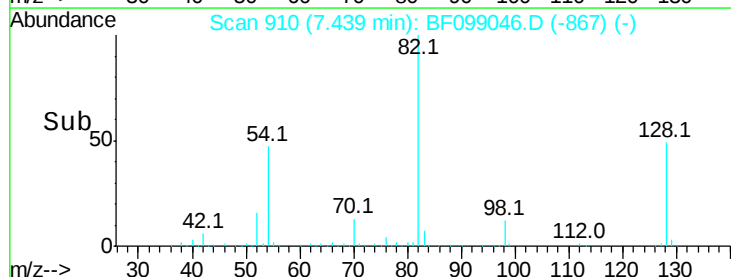


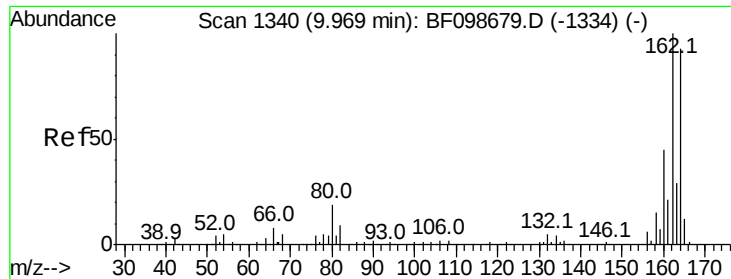
#23
Nitrobenzene-d5
Concen: 92.791 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099046.D
Acq: 3 Oct 2017 22:39

Tgt Ion:	82	Resp:	665262
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.1	54.1
54	47.1	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

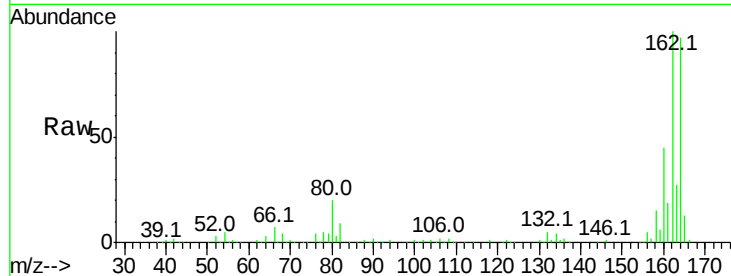




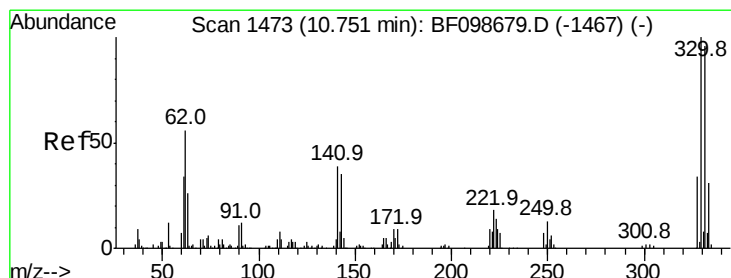
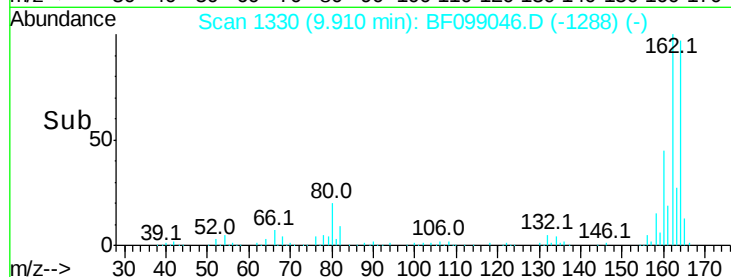
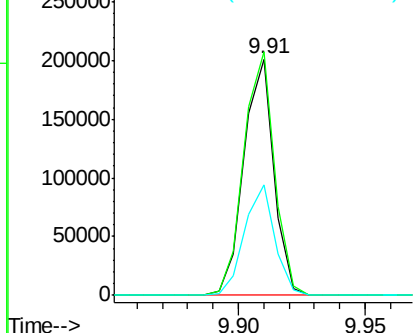
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099046.D
 Acq: 3 Oct 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-016

Tot Ion:164 Resp: 165245
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.8 38.3 57.5

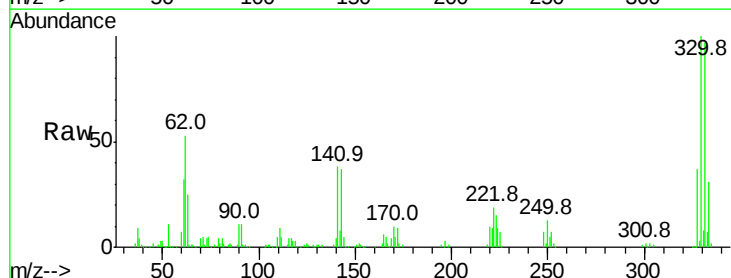


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

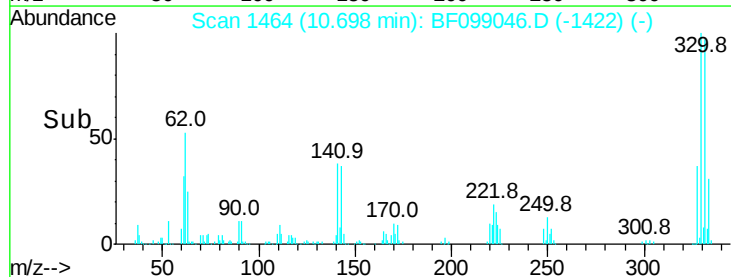
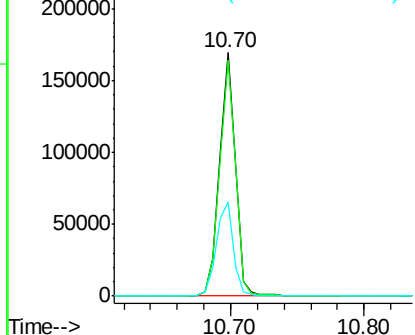


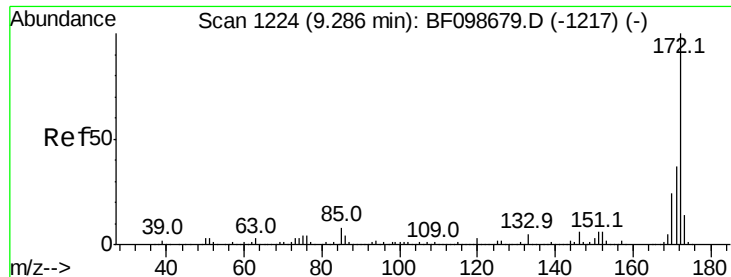
#41
 2,4,6-Tribromophenol
 Concen: 106.563 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099046.D
 Acq: 3 Oct 2017 22:39

Tgt Ion:330 Resp: 144089
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 41.0 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



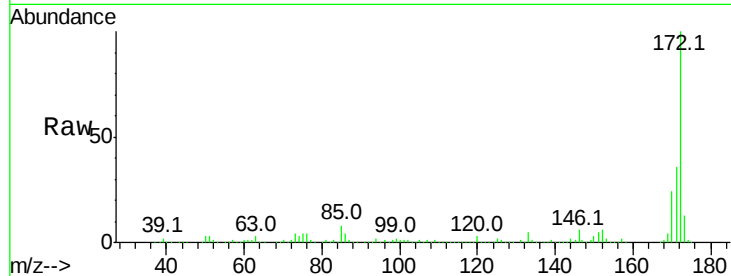


#44
2-Fluorobiphenyl
Concen: 106.312 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.05 min
Lab File: BF099046.D
Acq: 3 Oct 2017 22:39

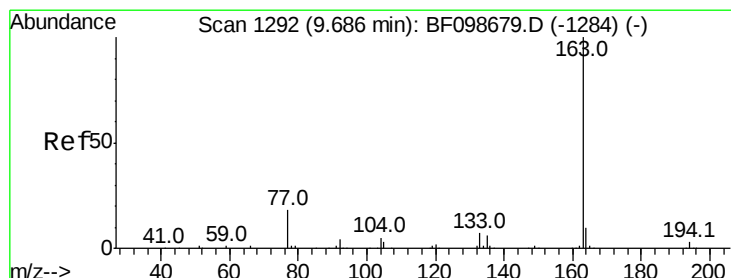
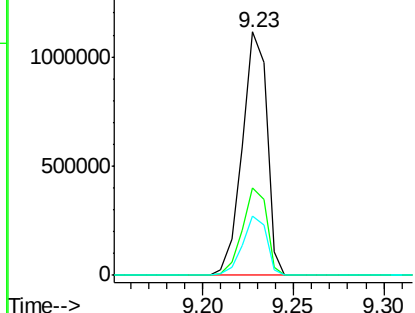
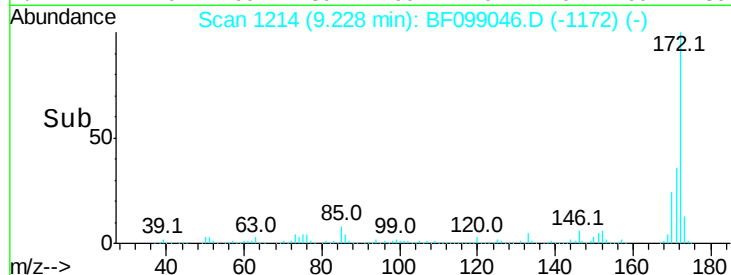
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-016

Tot Ion:172 Resp: 1052316

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4



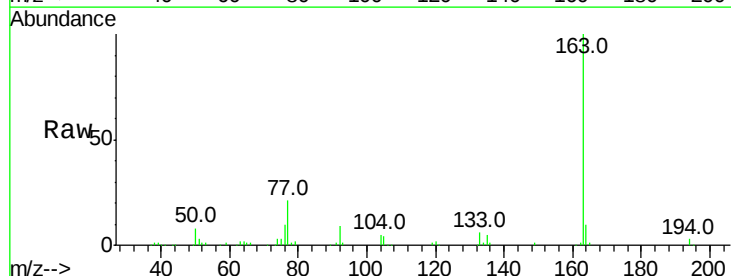
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



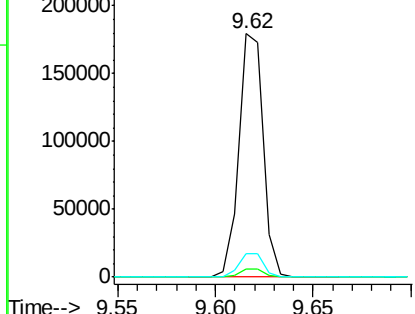
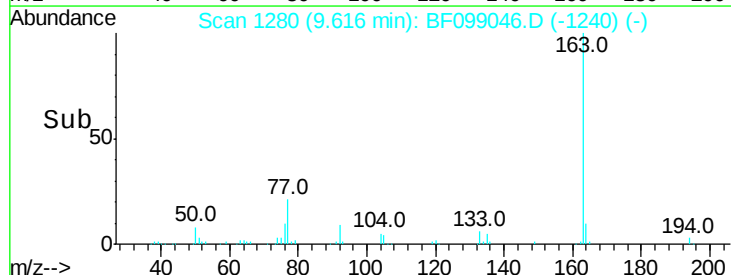
#49
Dimethylphthalate
Concen: 12.436 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099046.D
Acq: 3 Oct 2017 22:39

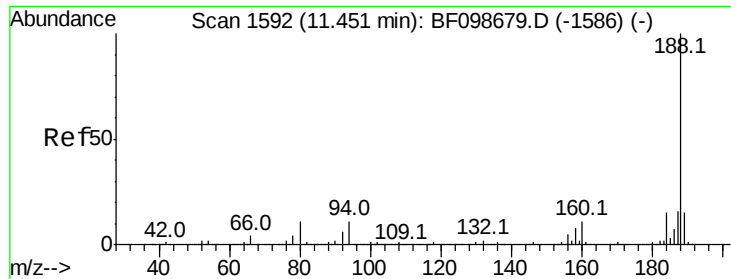
Tgt Ion:163 Resp: 155103

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	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

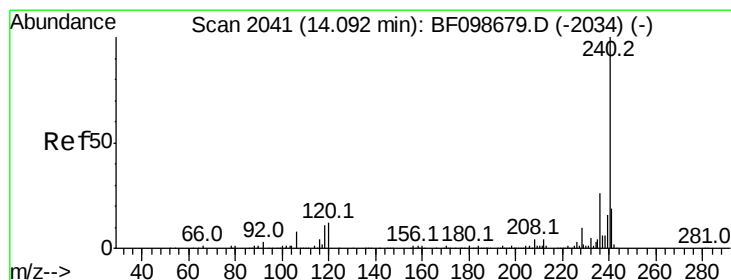
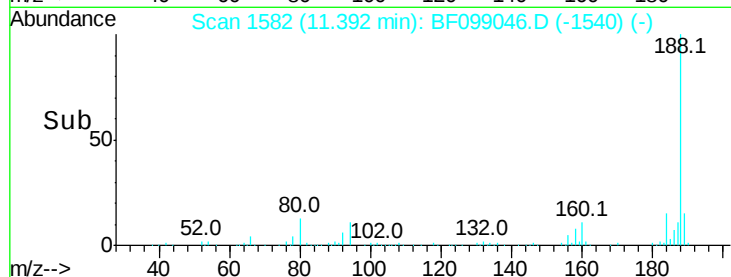
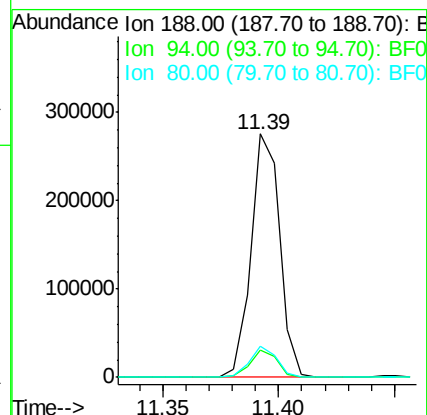
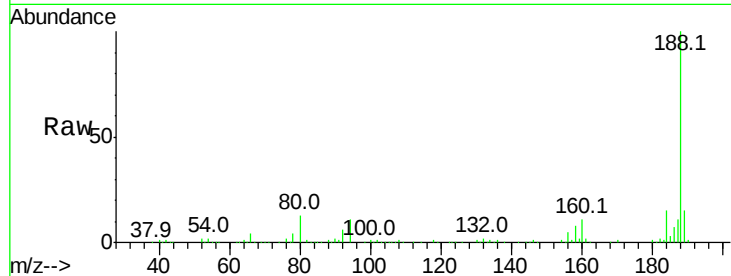




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099046.D
Acq: 3 Oct 2017 22:39

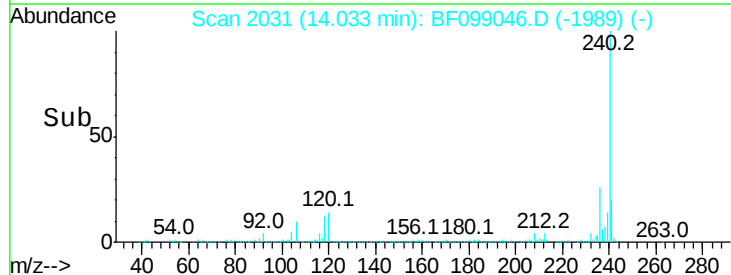
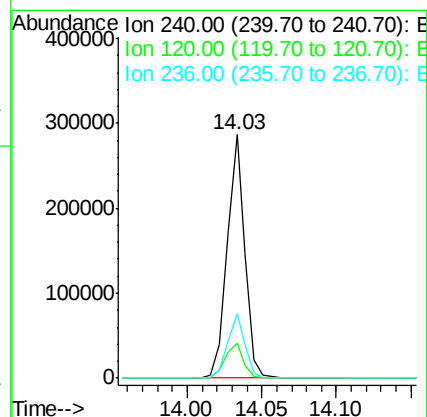
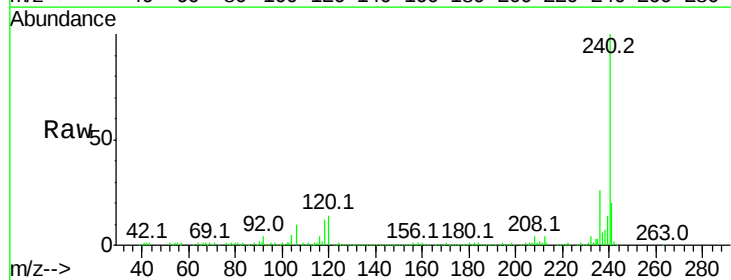
Instrument :
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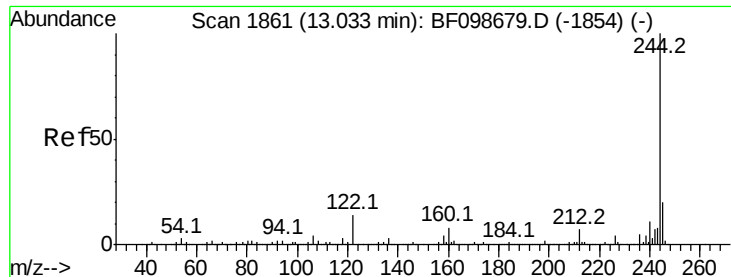
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF099046.D
Acq: 3 Oct 2017 22:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.3	20.7	31.1





#78

Terphenyl-d14

Concen: 68.297 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099046.D

Acq: 3 Oct 2017 22:39

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-016

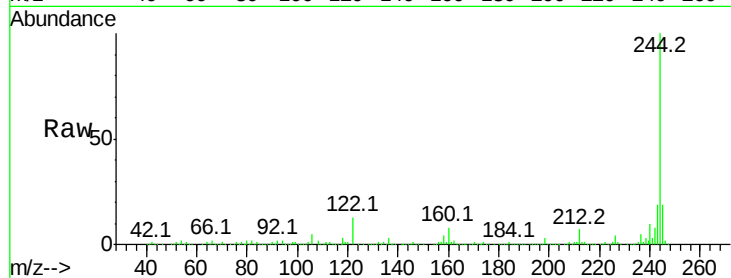
Tot Ion:244 Resp: 721534

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

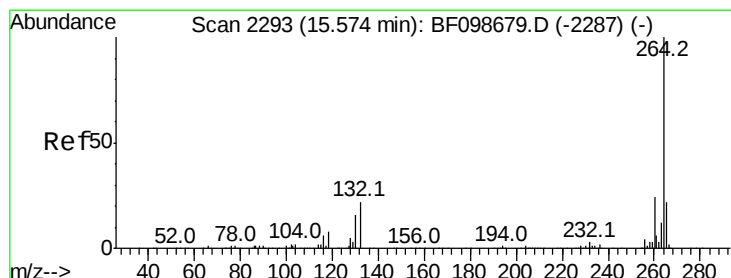
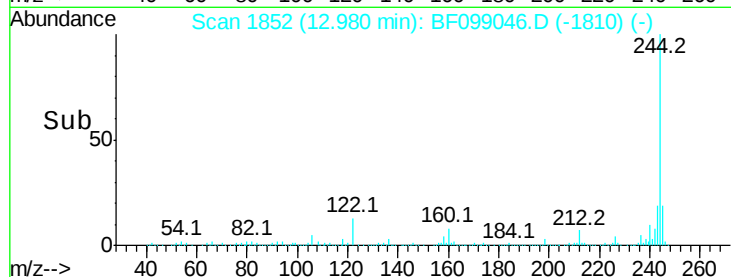
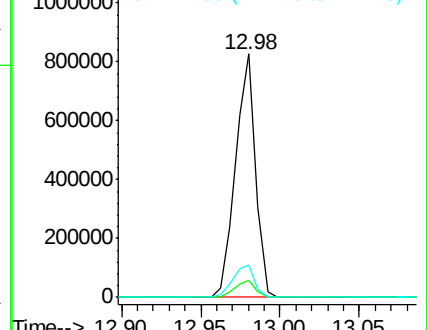
122 13.2 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.06 min

Lab File: BF099046.D

Acq: 3 Oct 2017 22:39

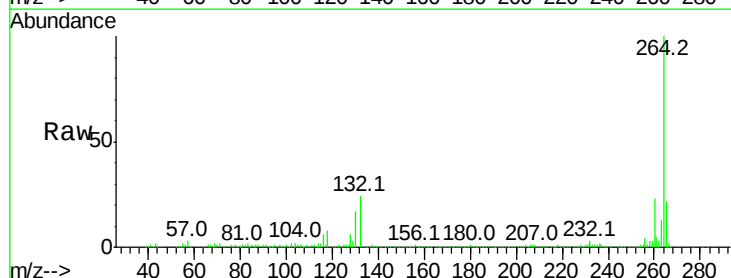
Tgt Ion:264 Resp: 252794

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.3 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

