

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101166.D
 Acq On : 6 Dec 2017 14:37
 Operator : SJ/JU
 Sample : I6642-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENN-1-E(4-5)

Quant Time: Dec 06 18:11:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

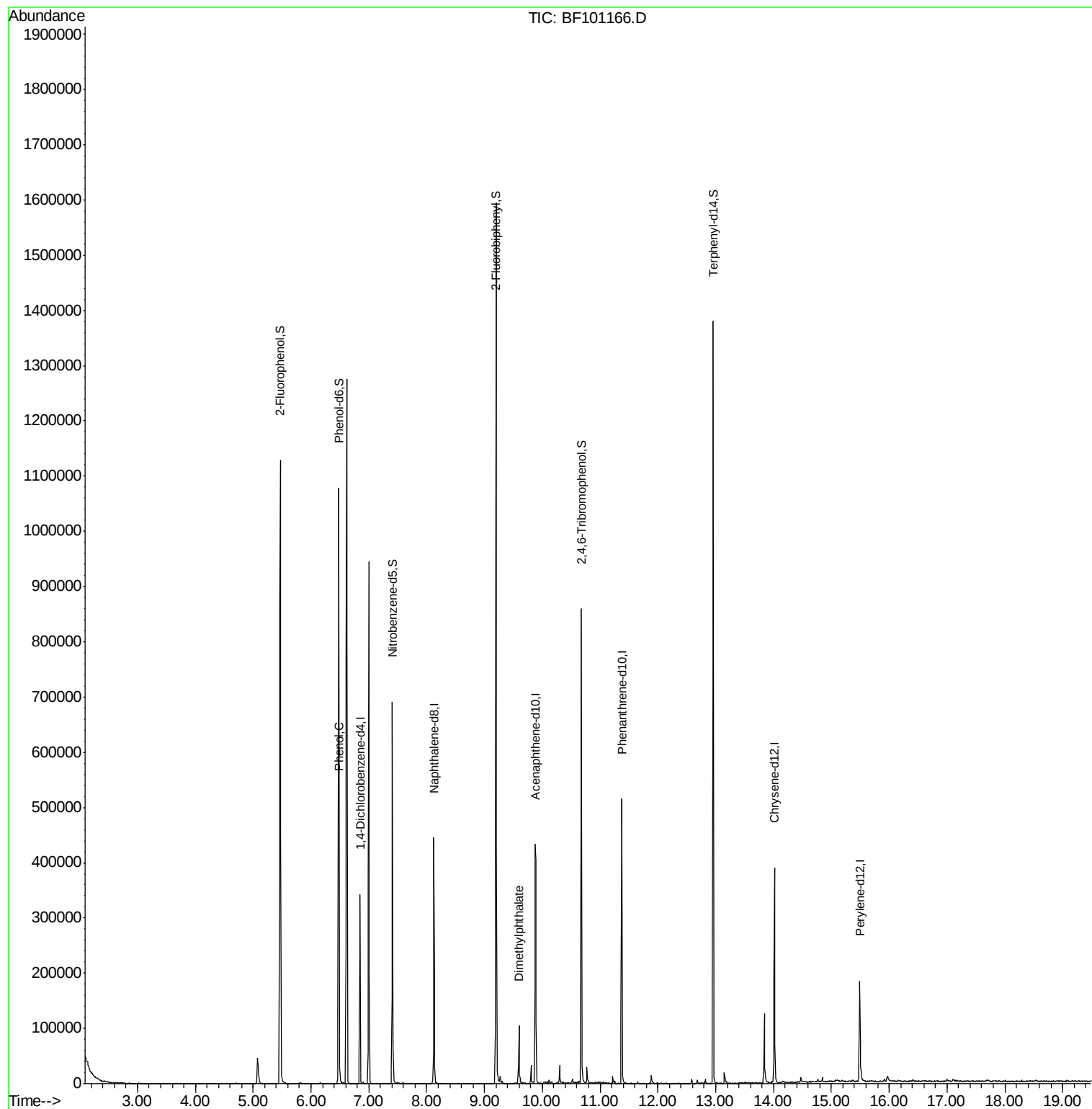
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	48703	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	194570	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	94329	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	190781	20.00	ng	0.00
75) Chrysene-d12	14.02	240	139044	20.00	ng	0.00
86) Perylene-d12	15.49	264	101553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	310960	105.51	ng	0.00
7) Phenol-d6	6.48	99	377313	105.44	ng	0.00
23) Nitrobenzene-d5	7.41	82	234420	71.87	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	109333	96.49	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	504135	73.12	ng	0.00
78) Terphenyl-d14	12.96	244	515431	81.08	ng	0.00
Target Compounds						
10) Phenol	6.49	94	11792	2.964	ng	89
49) Dimethylphthalate	9.60	163	52215	6.864	ng	# 98

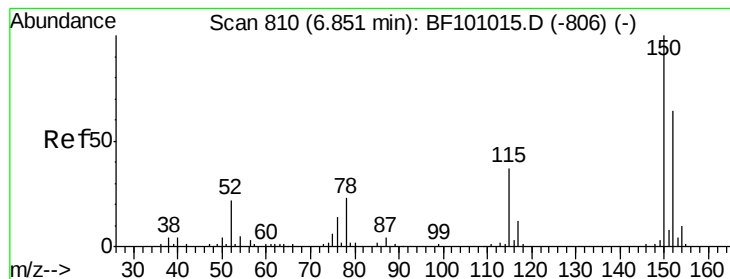
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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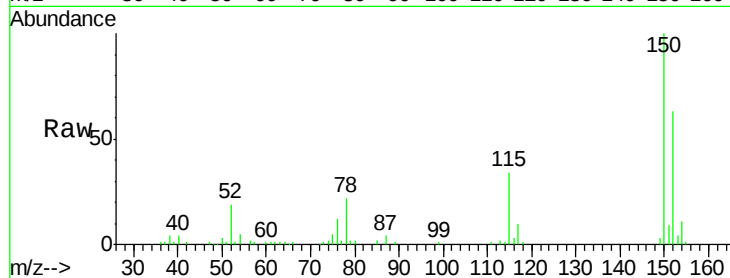


#1

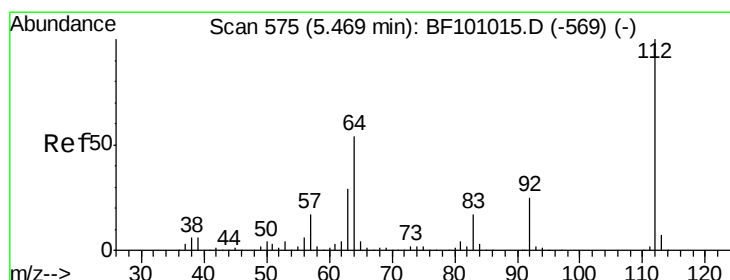
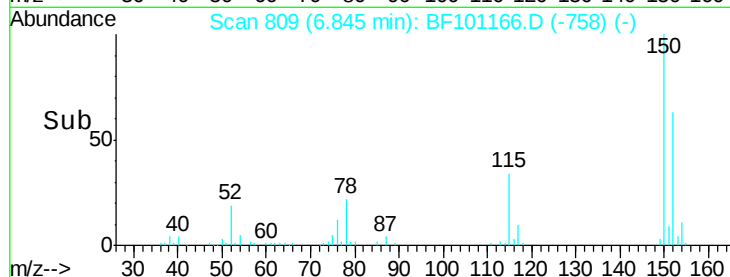
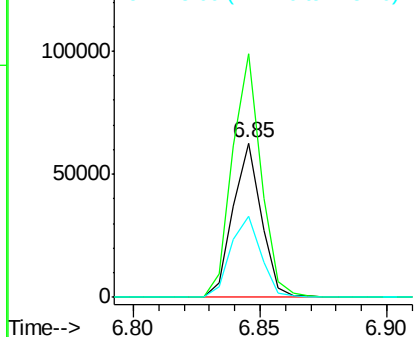
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PENN-1-E(4-5)

Tot Ion:152 Resp: 48703
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 52.9 50.1 75.1



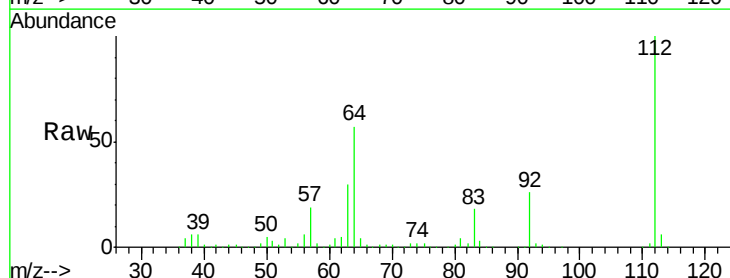
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



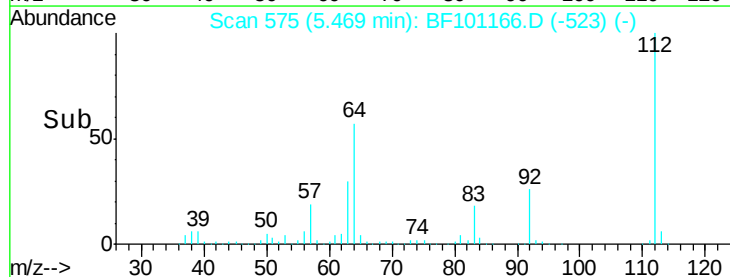
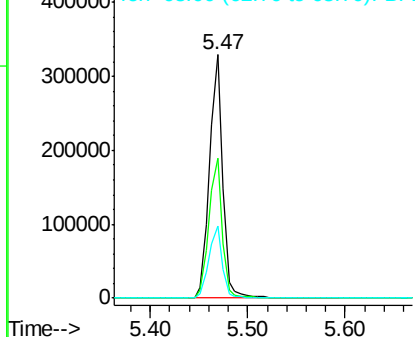
#5

2-Fluorophenol
Concen: 105.506 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

Tgt Ion:112 Resp: 310960
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.443 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101166.D

Acq: 6 Dec 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PENN-1-E(4-5)

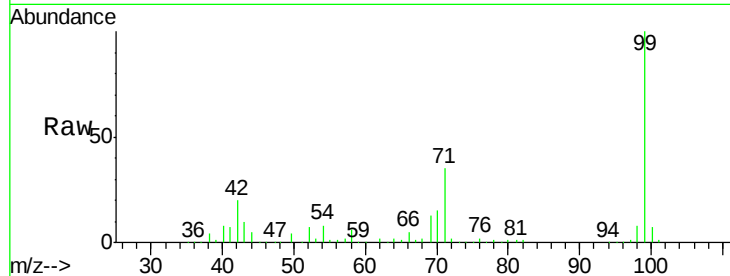
Tot Ion: 99 Resp: 377313

Ion Ratio Lower Upper

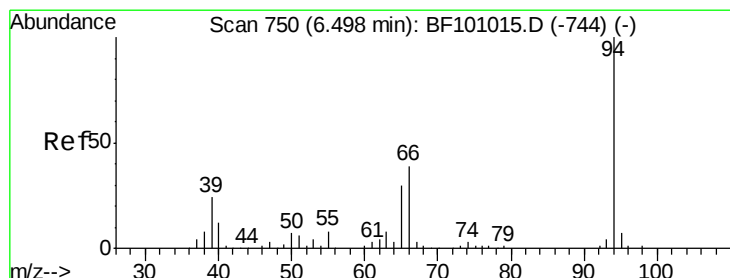
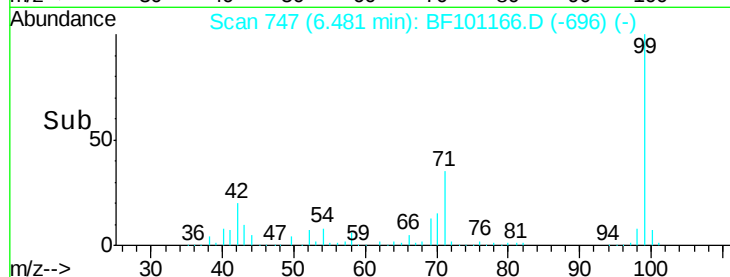
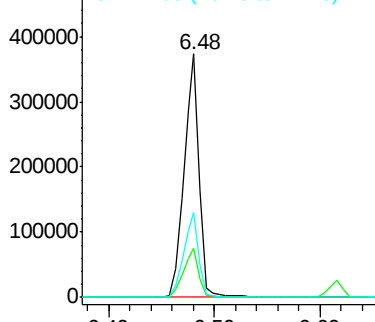
99 100

42 20.1 14.5 21.7

71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.964 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101166.D

Acq: 6 Dec 2017 14:37

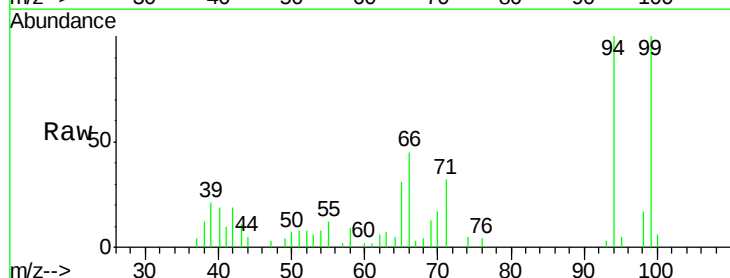
Tgt Ion: 94 Resp: 11792

Ion Ratio Lower Upper

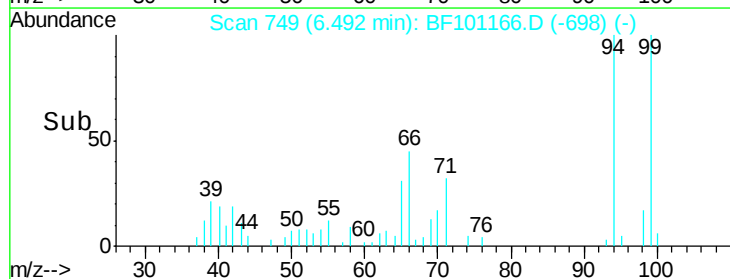
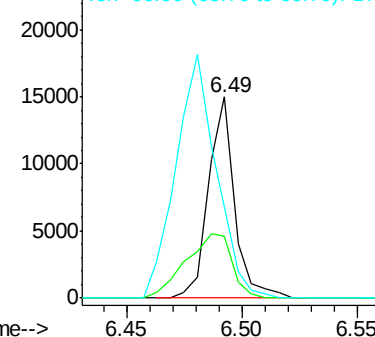
94 100

65 30.8 7.9 47.9

66 45.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

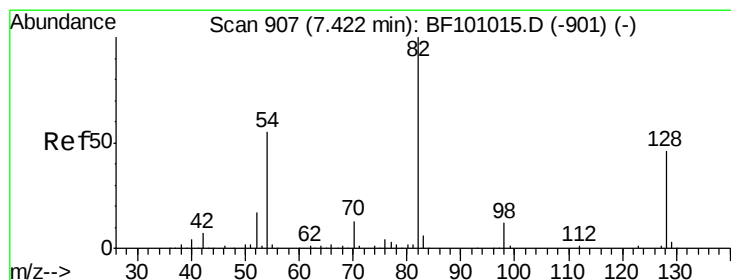
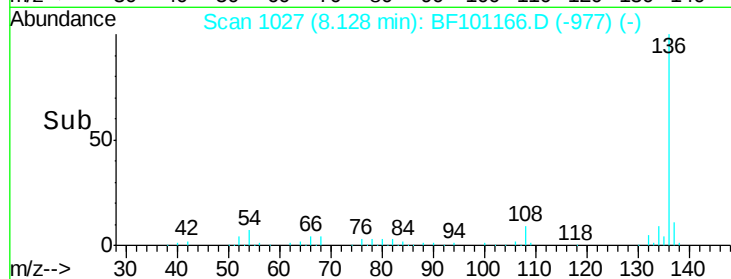
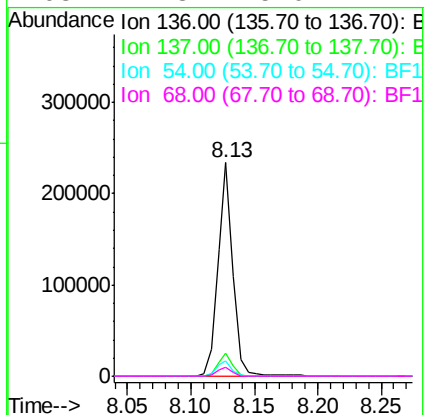
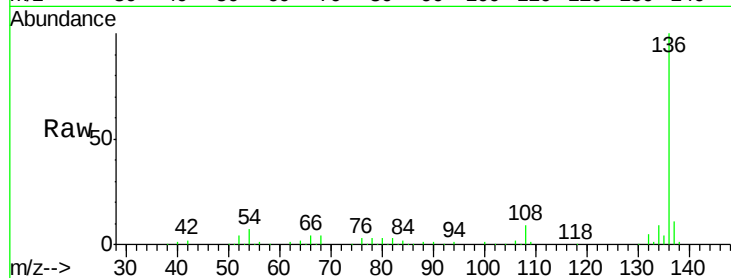




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

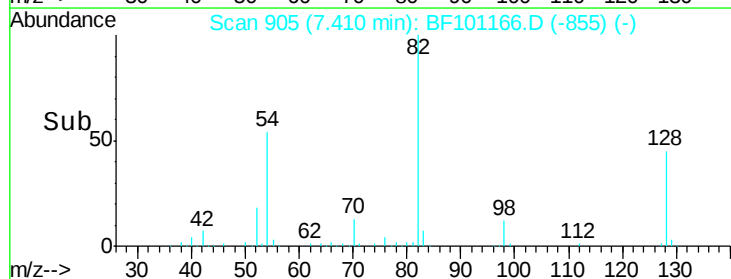
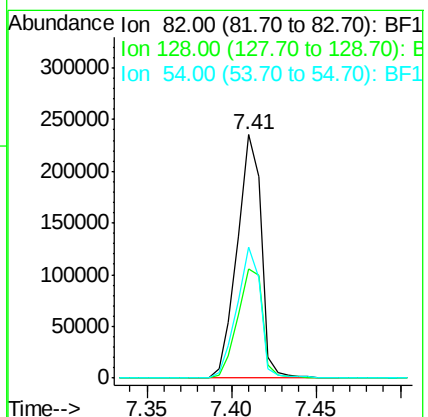
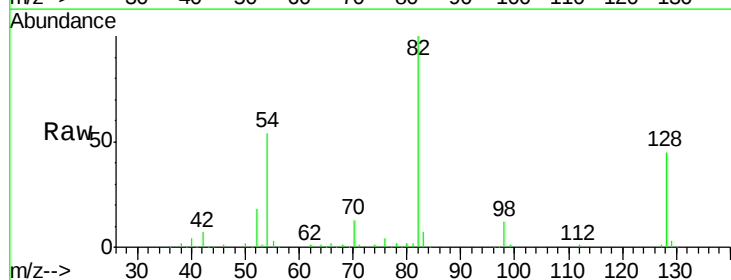
Instrument :
BNA_F
ClientSampleId :
PENN-1-E(4-5)

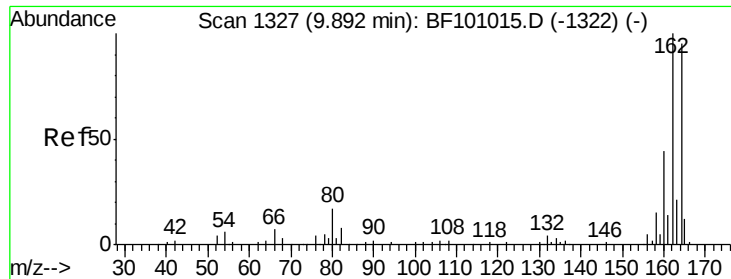
Tot Ion:136	Resp:	194570
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.5	6.6 9.8
68	4.3	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 71.871 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

Tgt Ion: 82	Resp:	234420
Ion Ratio	Lower	Upper
82	100	
128	44.8	36.1 54.1
54	53.8	41.4 62.2

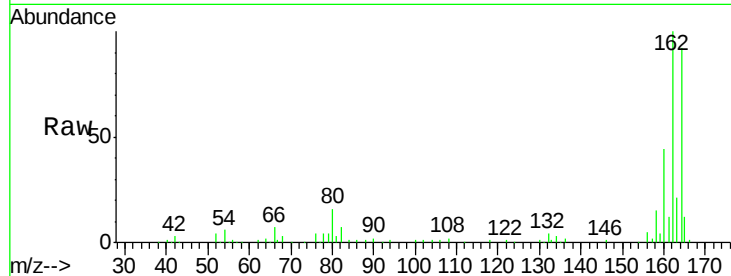




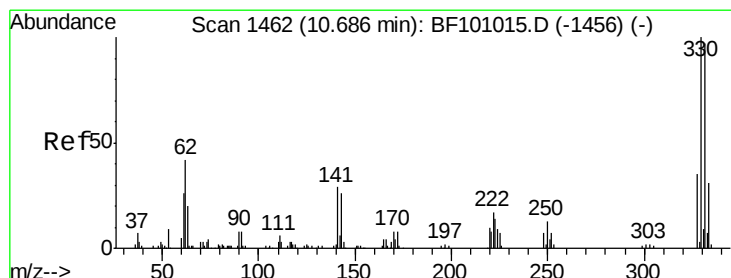
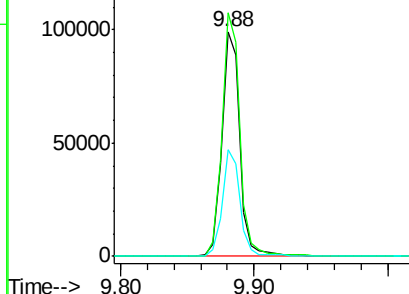
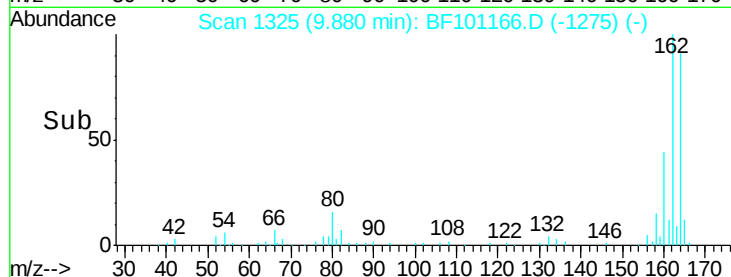
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PENN-1-E(4-5)

Tot Ion:164 Resp: 94329
Ion Ratio Lower Upper
164 100
162 108.4 86.1 129.1
160 47.2 38.3 57.5

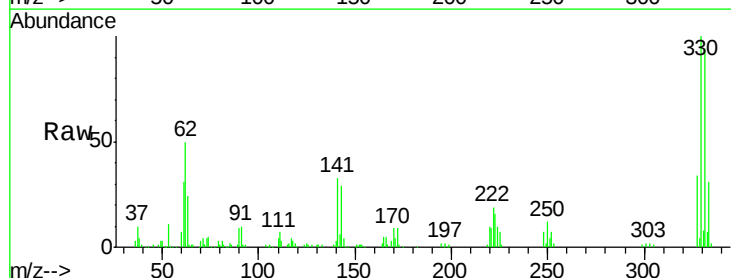


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

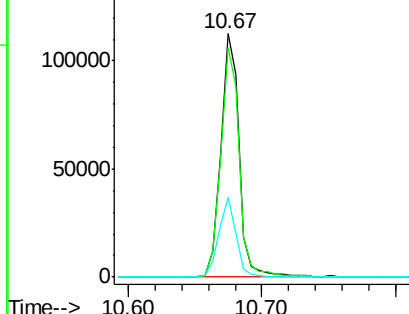
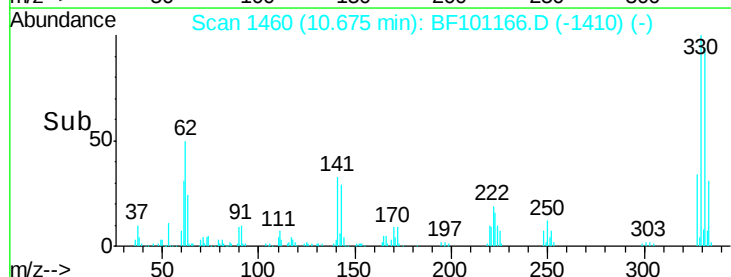


#41
2,4,6-Tribromophenol
Concen: 96.485 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

Tgt Ion:330 Resp: 109333
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 30.8 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

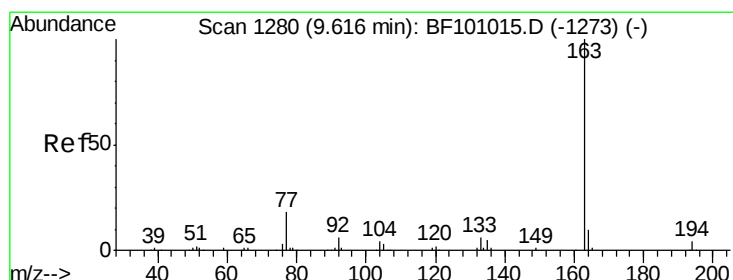
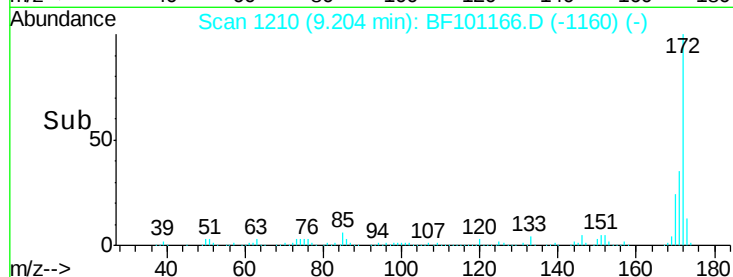
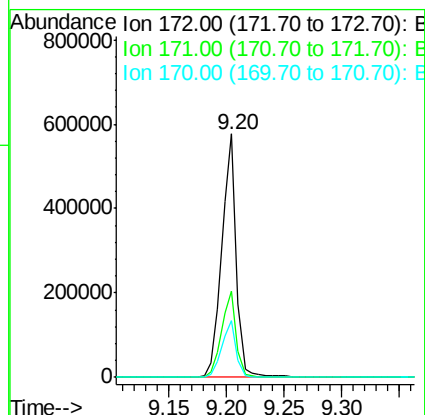
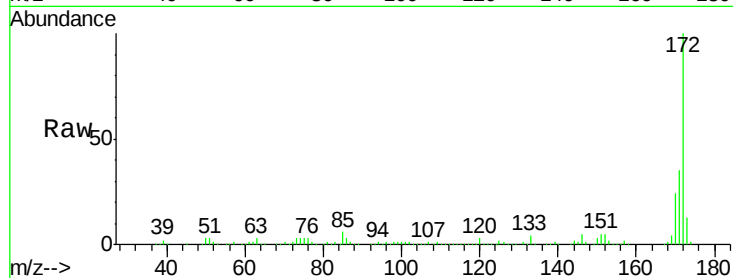




#44
2-Fluorobiphenyl
Concen: 73.122 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

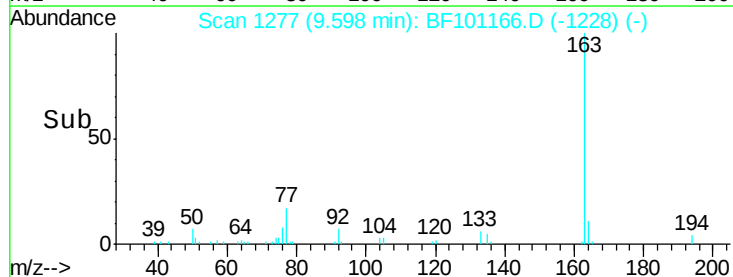
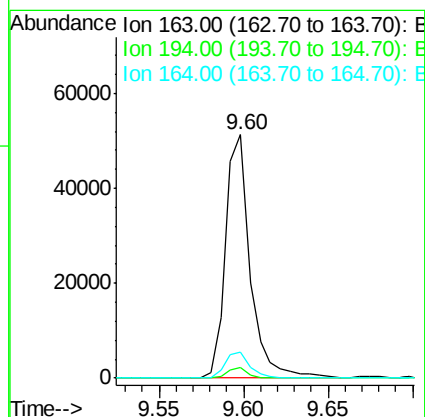
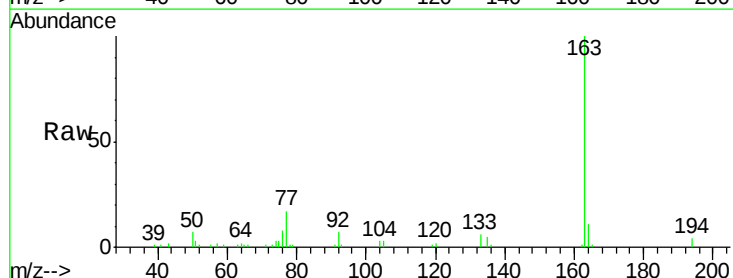
Instrument :
BNA_F
ClientSampleId :
PENN-1-E(4-5)

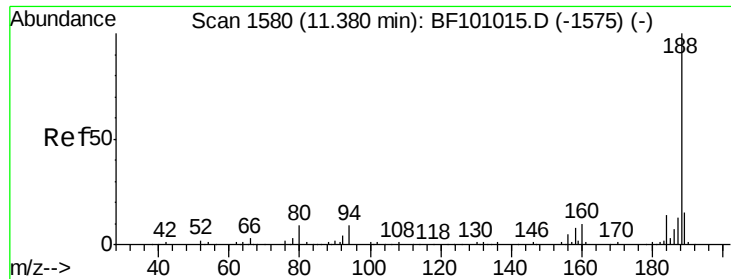
Tot Ion:172 Resp: 504135
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 6.864 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

Tgt Ion:163 Resp: 52215
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.6 8.2 12.2

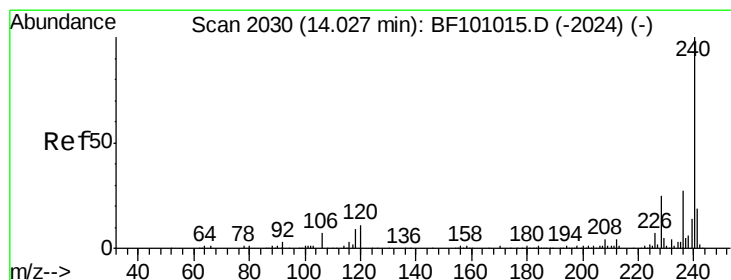
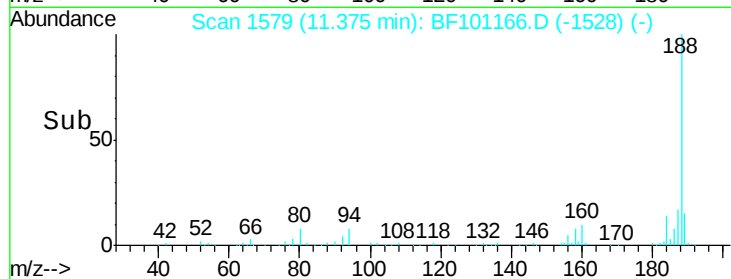
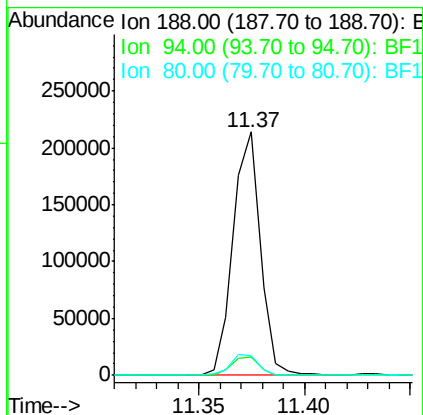
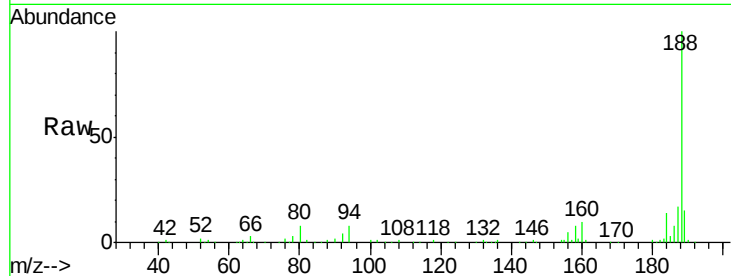




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

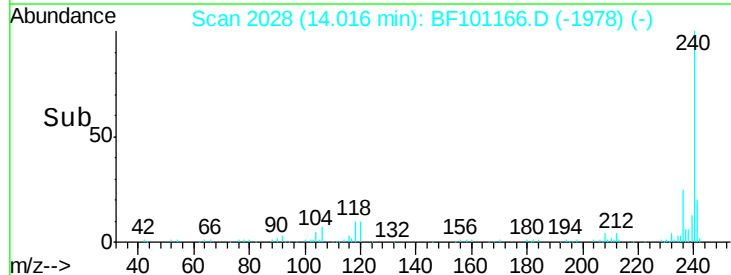
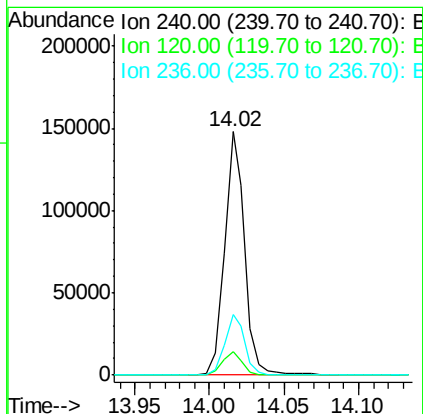
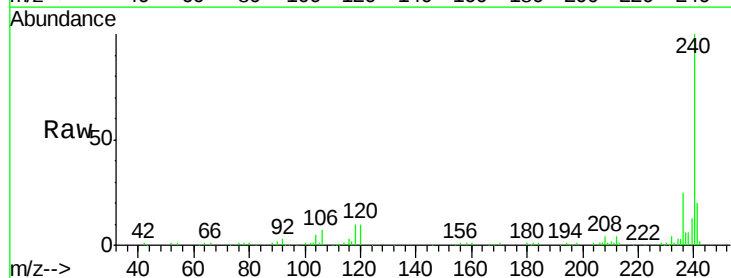
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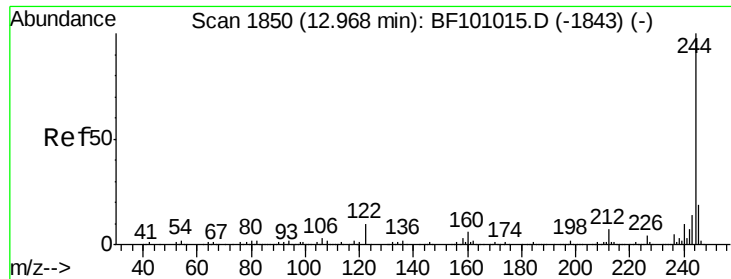
Tot Ion:188 Resp: 190781
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101166.D
Acq: 6 Dec 2017 14:37

Tgt Ion:240 Resp: 139044
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 81.081 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101166.D

Acq: 6 Dec 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PENN-1-E(4-5)

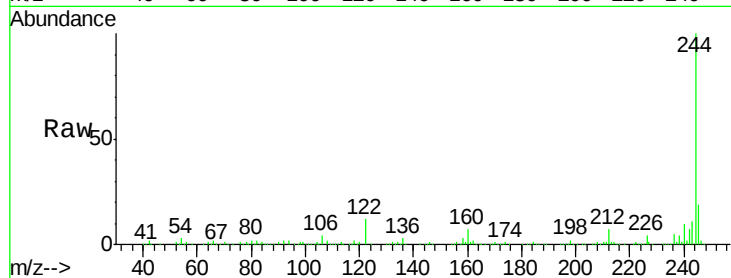
Tot Ion:244 Resp: 515431

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

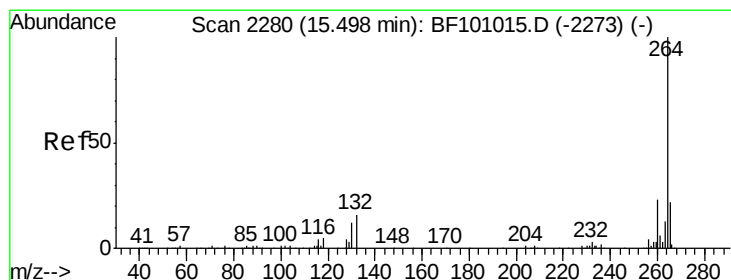
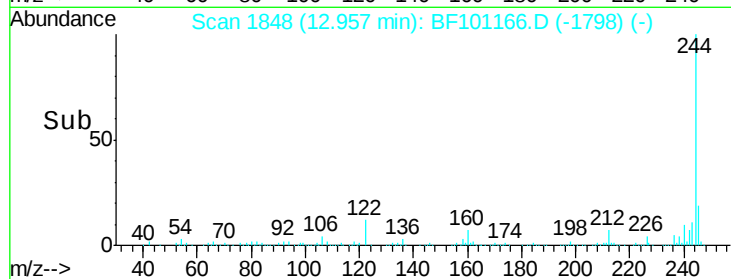
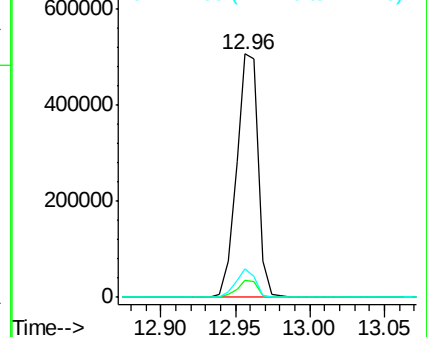
122 11.8 11.0 16.4



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101166.D

Acq: 6 Dec 2017 14:37

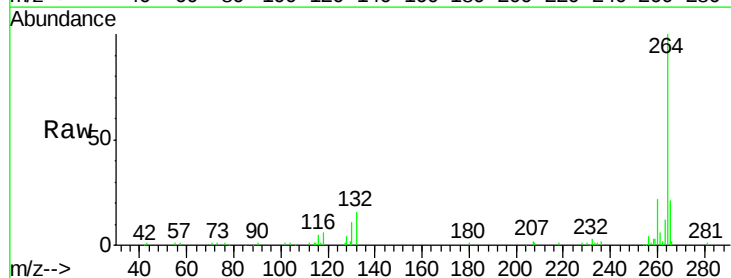
Tgt Ion:264 Resp: 101553

Ion Ratio Lower Upper

264 100

260 22.4 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

