

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101267.D
 Acq On : 9 Dec 2017 7:02
 Operator : SJ/JU
 Sample : I6744-03 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(7-8)

Quant Time: Dec 11 00:39:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42332	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	157772	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	62932	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	102890	20.00	ng	0.00
75) Chrysene-d12	14.00	240	85080	20.00	ng	0.00
86) Perylene-d12	15.48	264	63581	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	21927	8.56	ng	0.00
7) Phenol-d6	6.46	99	26648	8.57	ng	0.00
23) Nitrobenzene-d5	7.39	82	13326	5.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	5123	6.78	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	35789	7.78	ng	0.00
78) Terphenyl-d14	12.94	244	27256	7.01	ng	0.00

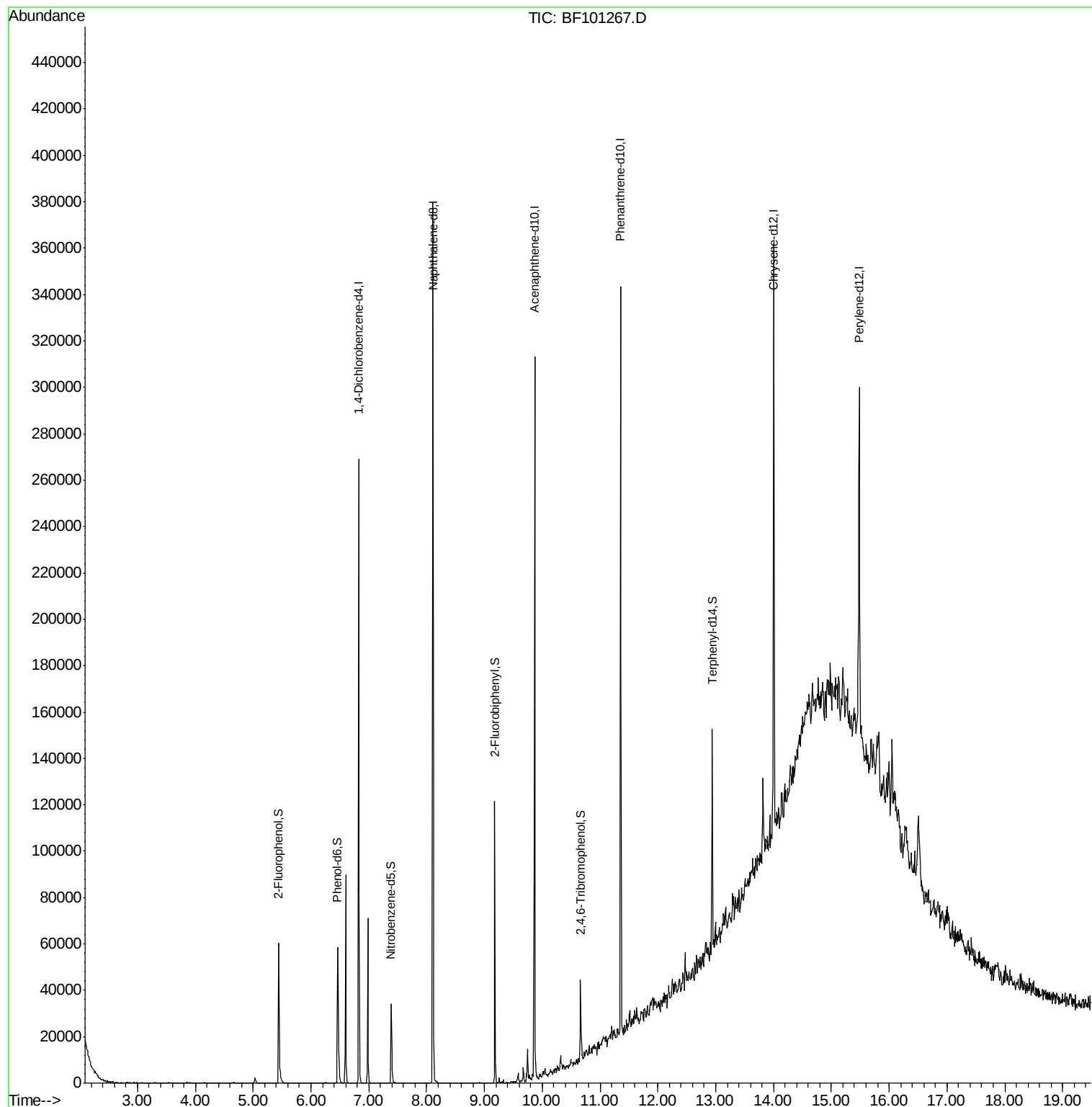
Target Compounds Qvalue

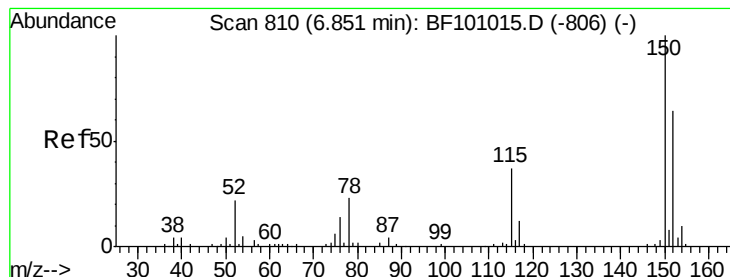
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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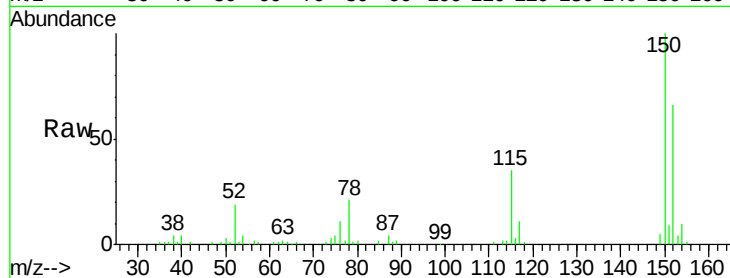




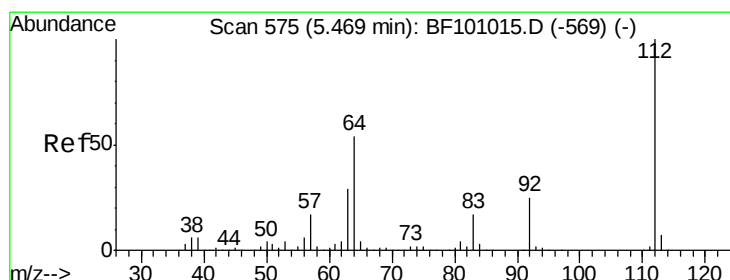
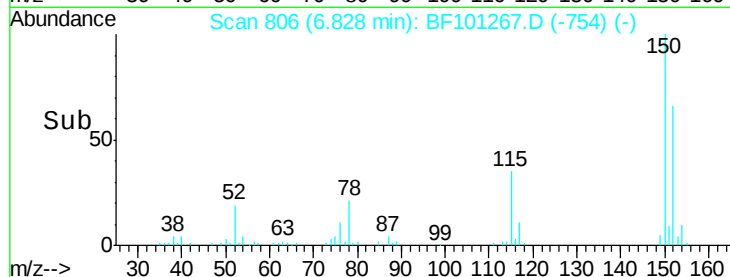
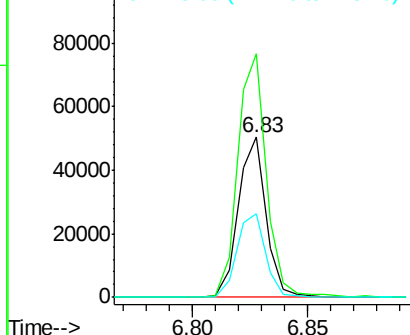
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(7-8)

Tot Ion:152 Resp: 42332
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.6 186.8
 115 52.6 50.1 75.1

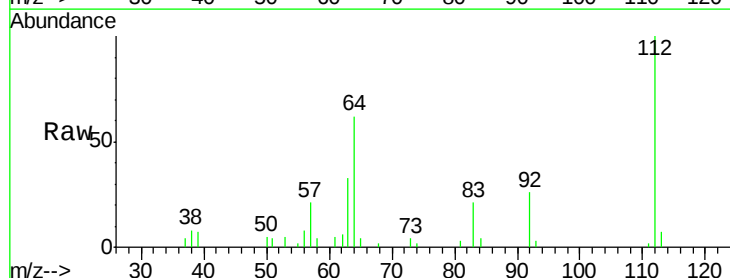


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

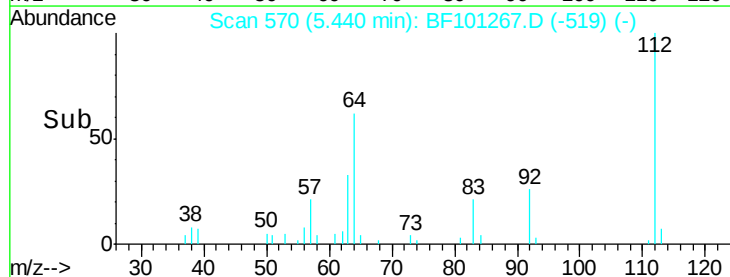
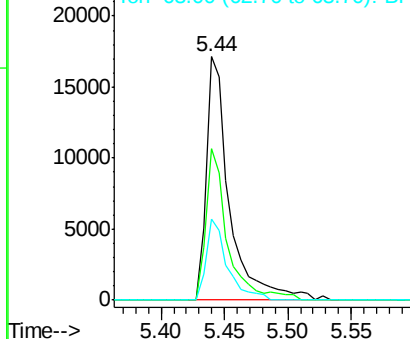


#5
 2-Fluorophenol
 Concen: 8.559 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Tgt Ion:112 Resp: 21927
 Ion Ratio Lower Upper
 112 100
 64 62.3 47.9 71.9
 63 33.3 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: 8.568 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101267.D

Acq: 9 Dec 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PROS-3-E(7-8)

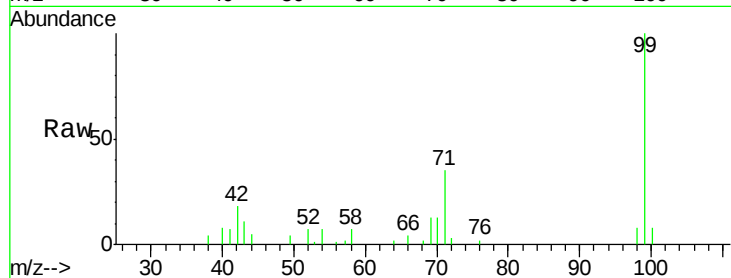
Tot Ion: 99 Resp: 26648

Ion Ratio Lower Upper

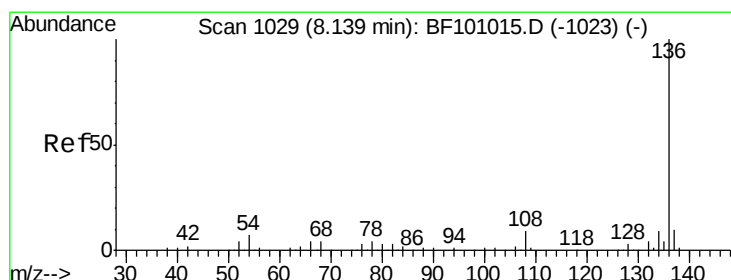
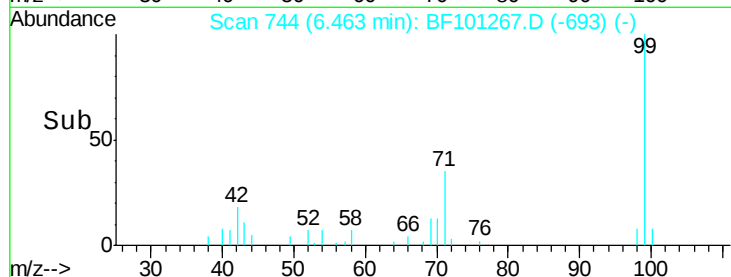
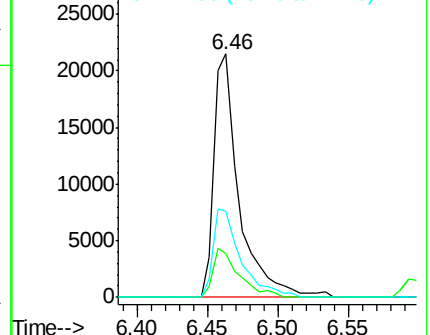
99 100

42 18.0 14.5 21.7

71 35.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF101267.D

Acq: 9 Dec 2017 7:02

Tgt Ion: 136 Resp: 157772

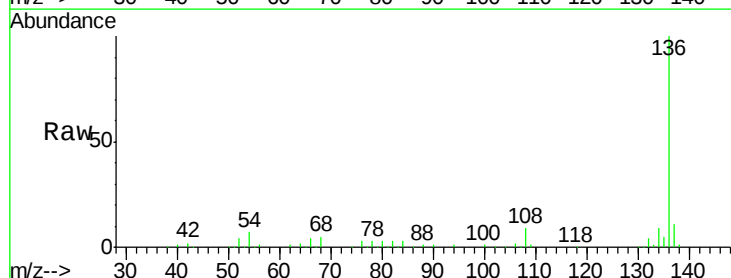
Ion Ratio Lower Upper

136 100

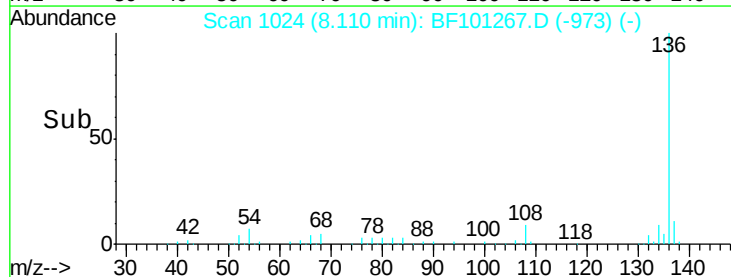
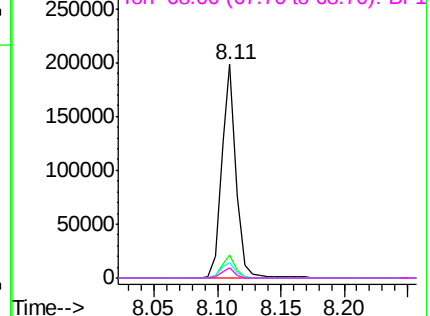
137 10.6 8.9 13.3

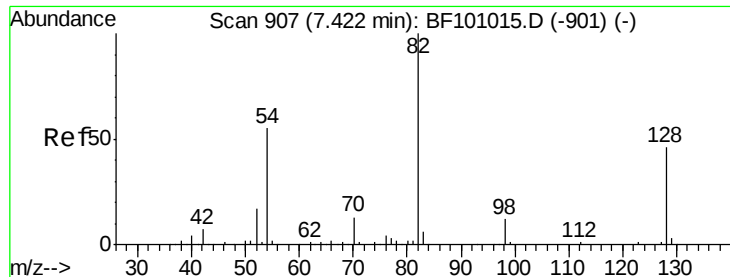
54 7.3 6.6 9.8

68 4.6 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): BF1
Ion 68.00 (67.70 to 68.70): BF1

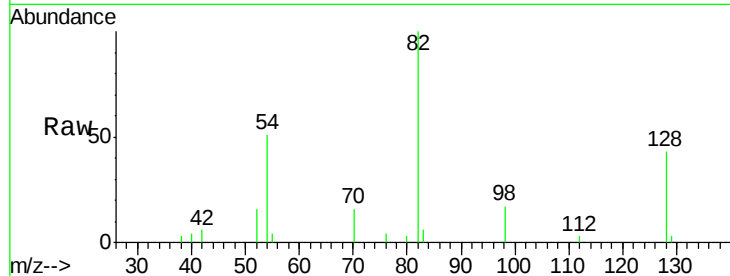




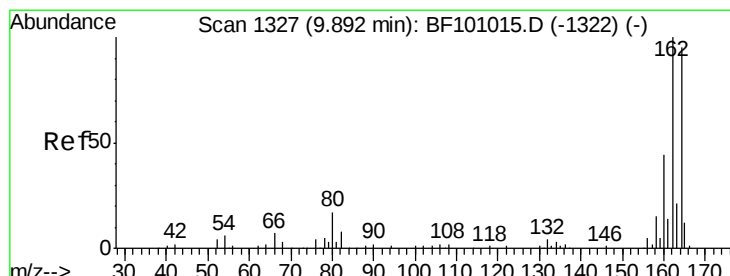
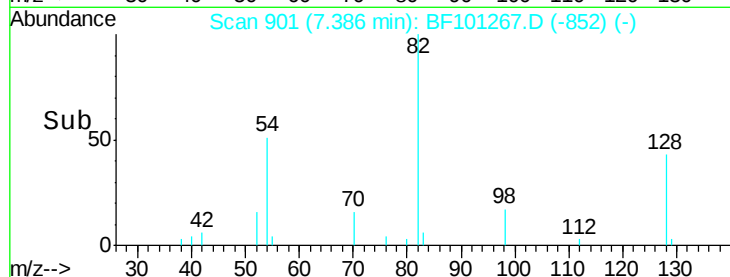
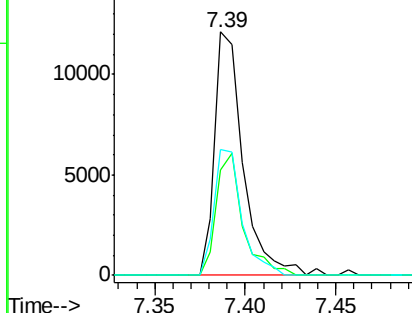
#23
 Nitrobenzene-d5
 Concen: 5.039 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(7-8)

Tot Ion: 82 Resp: 13326
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.1 54.1
 54 51.5 41.4 62.2

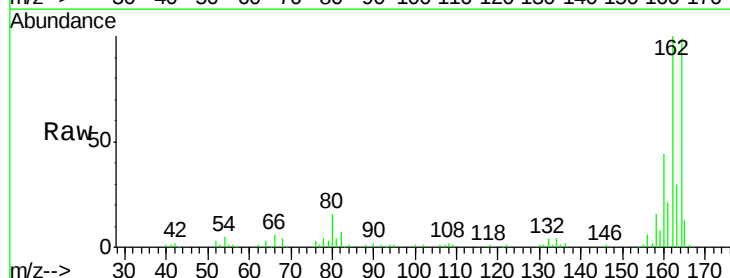


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

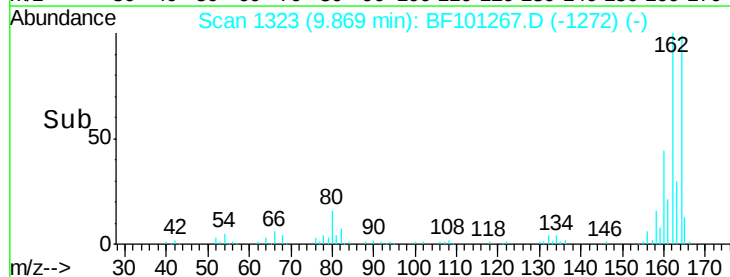
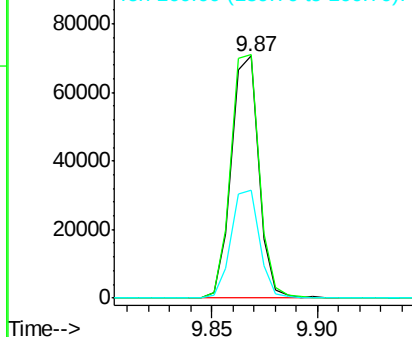


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Tgt Ion: 164 Resp: 62932
 Ion Ratio Lower Upper
 164 100
 162 100.6 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

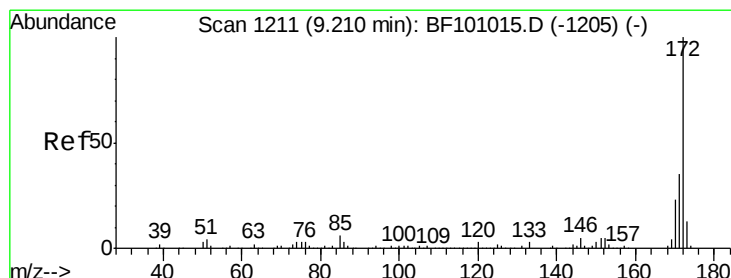
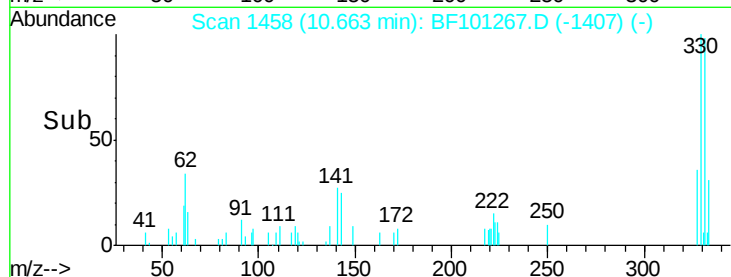
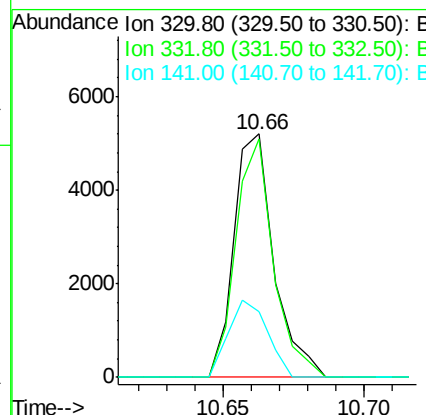
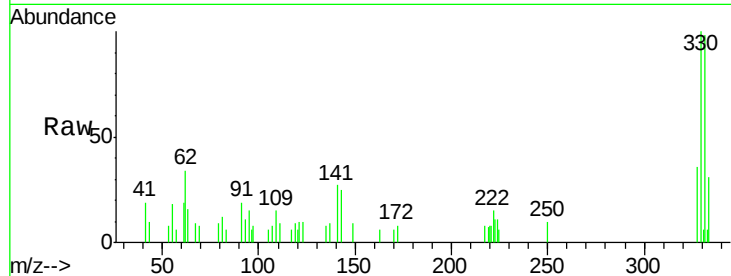




#41
 2,4,6-Tribromophenol
 Concen: 6.777 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

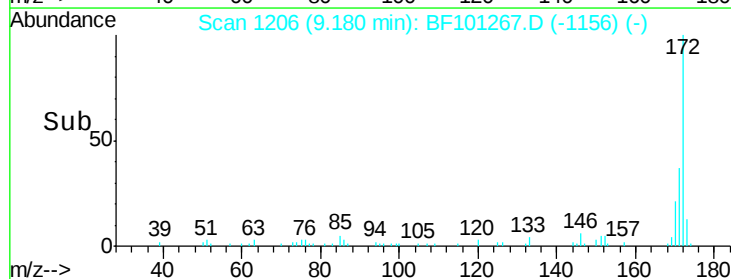
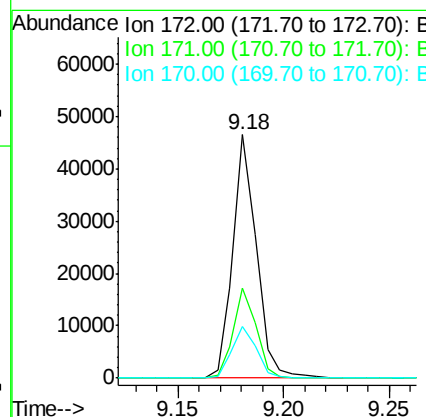
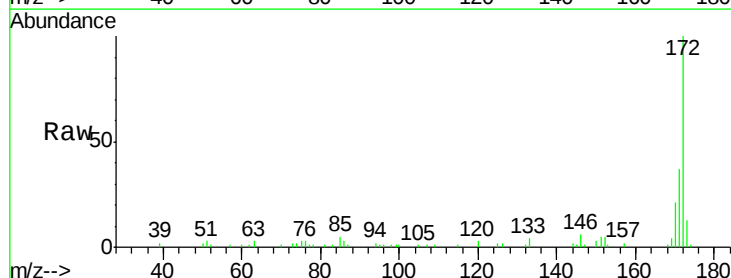
Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(7-8)

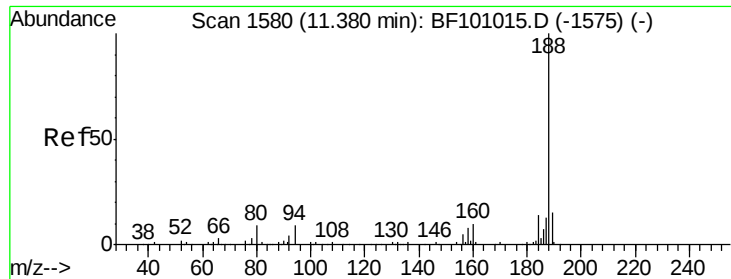
Tot Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.6
141	30.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 7.781 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101267.D
 Acq: 9 Dec 2017 7:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	21.3	19.6	29.4

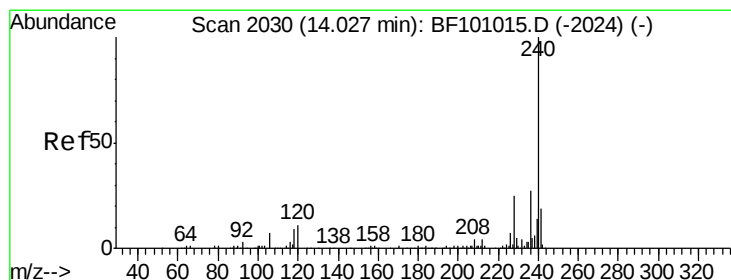
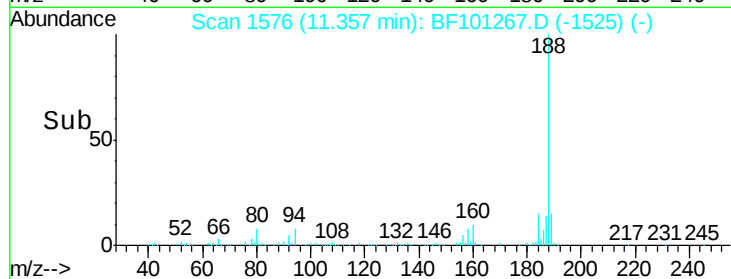
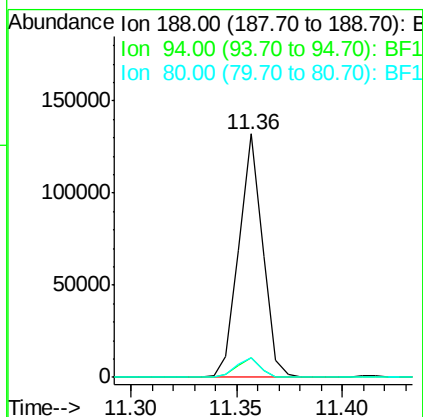
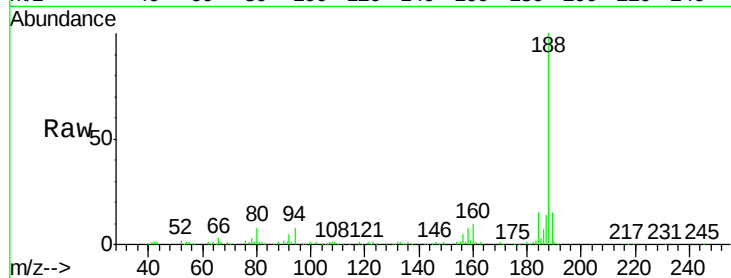




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

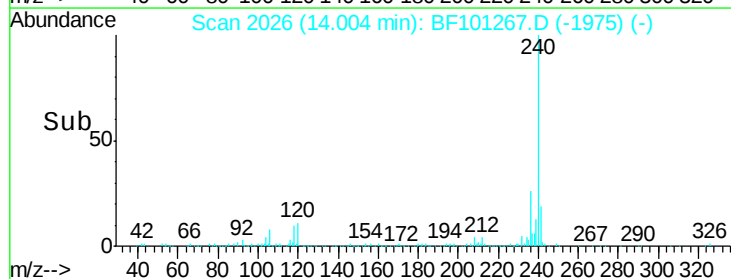
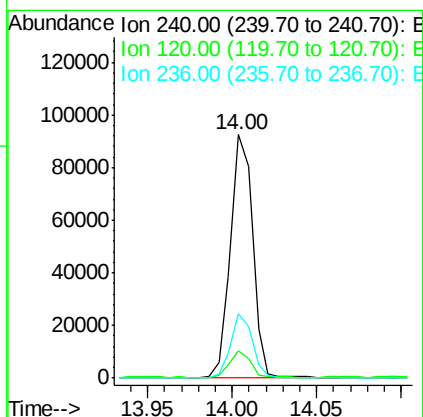
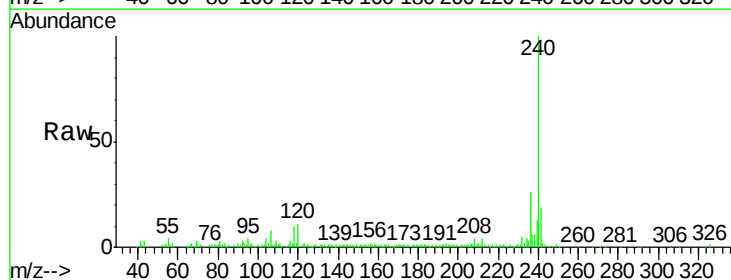
Instrument :
BNA_F
ClientSampleId :
PROS-3-E(7-8)

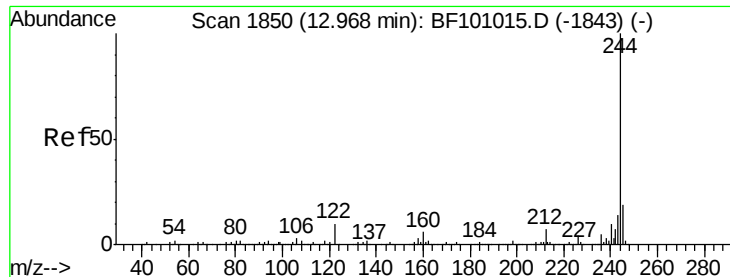
Tot Ion:188 Resp: 102890
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101267.D
Acq: 9 Dec 2017 7:02

Tgt Ion:240 Resp: 85080
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 7.007 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101267.D

Acq: 9 Dec 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PROS-3-E(7-8)

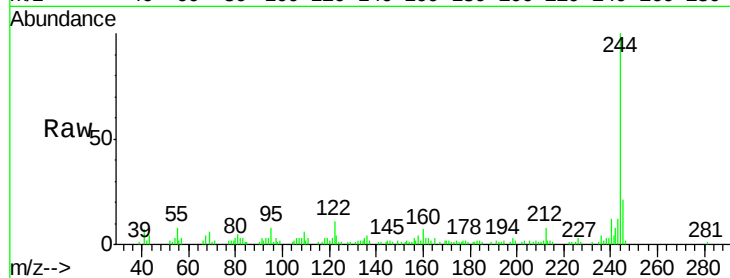
Tot Ion:244 Resp: 27256

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

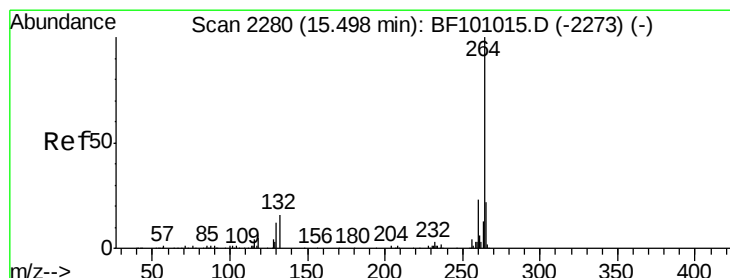
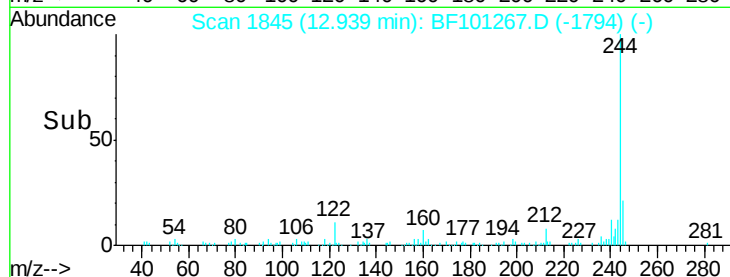
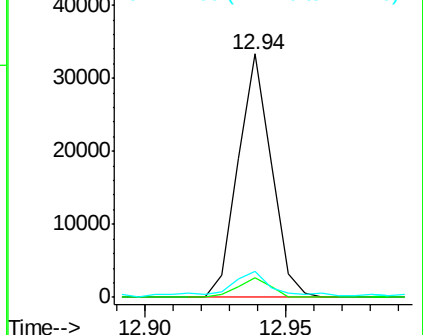
122 10.9 11.0 16.4#



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. 0.01 min

Lab File: BF101267.D

Acq: 9 Dec 2017 7:02

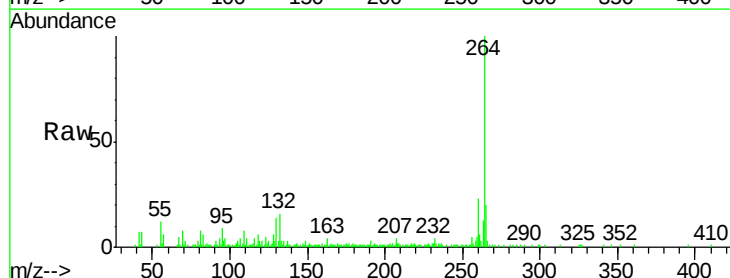
Tgt Ion:264 Resp: 63581

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.3 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

