

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100011.D
 Acq On : 31 Oct 2017 18:51
 Operator : SJ/JU
 Sample : I6213-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-019

Quant Time: Nov 01 05:20:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

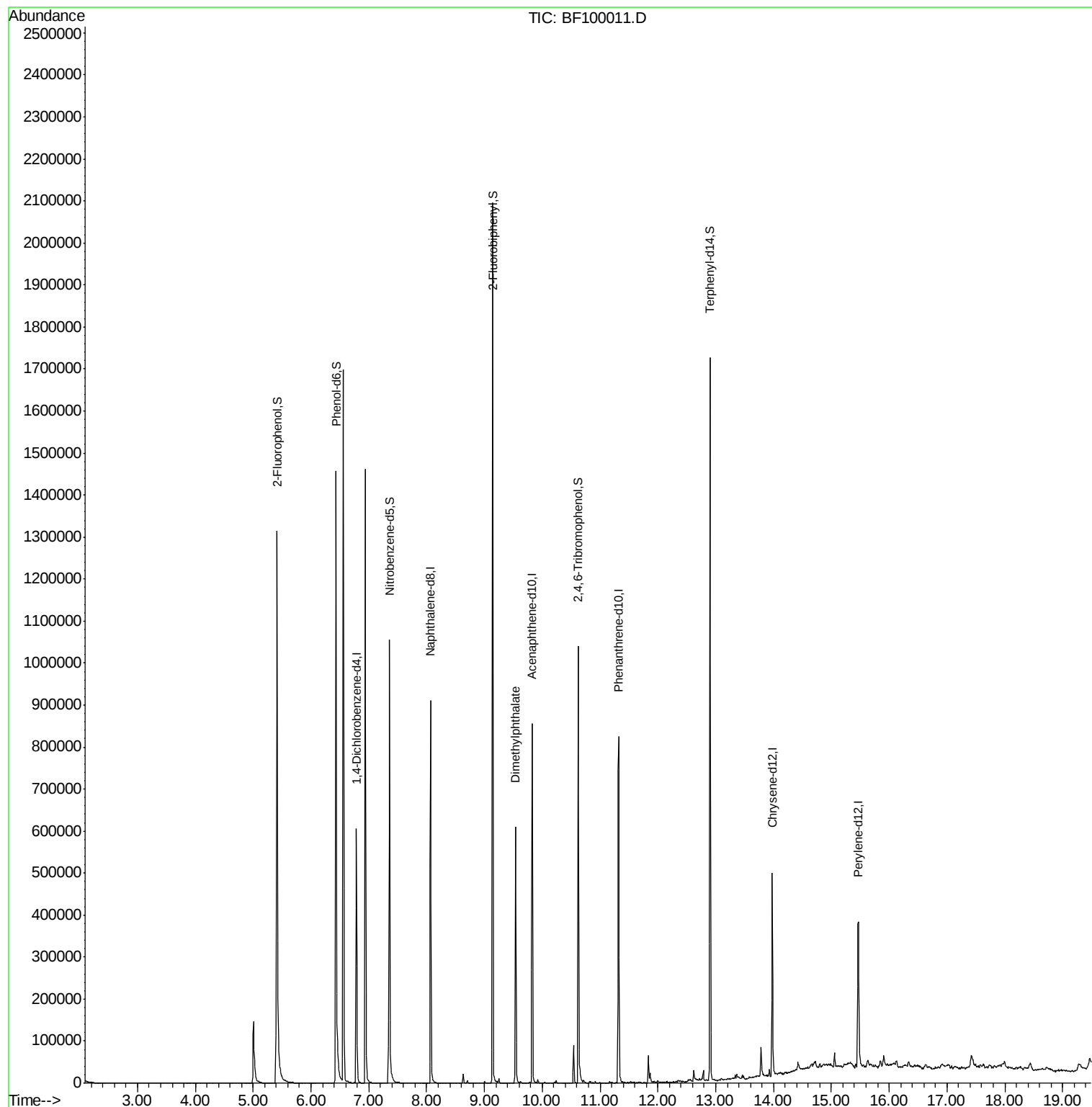
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	99928	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	412401	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	185406	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	316826	20.00	ng	0.00
75) Chrysene-d12	13.98	240	191920	20.00	ng	0.00
86) Perylene-d12	15.47	264	174606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	515512	80.99	ng	0.00
7) Phenol-d6	6.43	99	624111	82.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	351284	54.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	141797	83.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	702203	58.43	ng	0.00
78) Terphenyl-d14	12.90	244	544399	61.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.54	163	267121	18.193	ng	99

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

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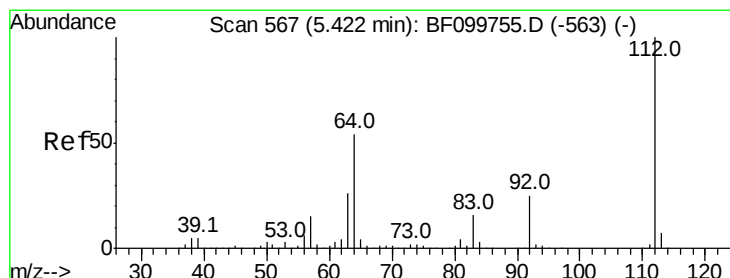
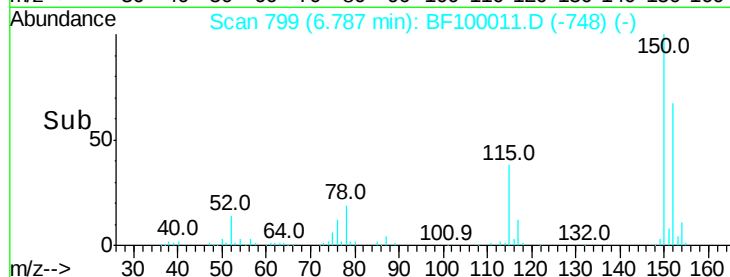
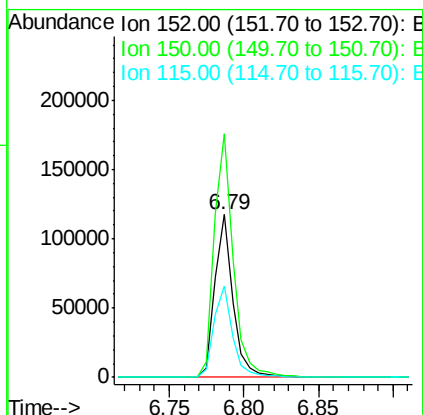
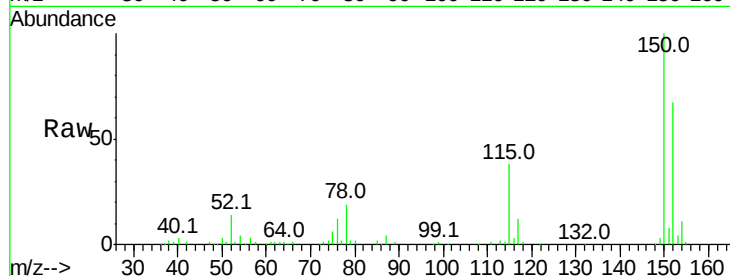


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

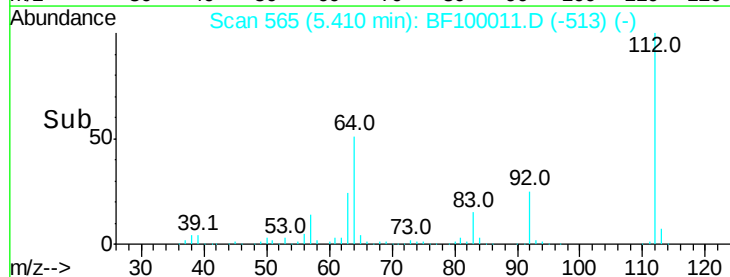
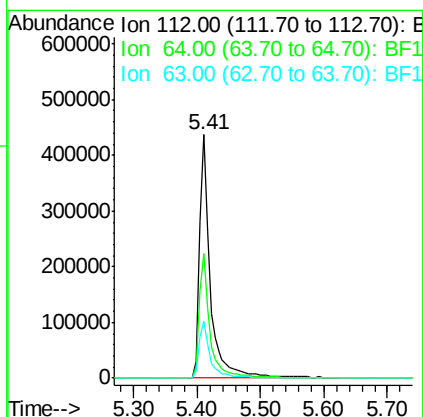
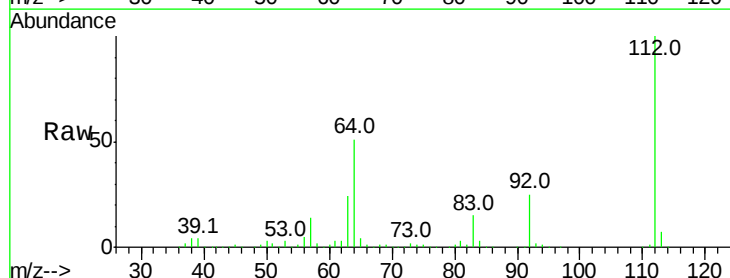
Tot Ion:152 Resp: 99928
Ion Ratio Lower Upper
152 100
150 149.9 124.6 186.8
115 56.3 50.1 75.1



#5

2-Fluorophenol
Concen: 80.992 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

Tgt Ion:112 Resp: 515512
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 23.6 23.7 35.5#





#7

Phenol-d6

Concen: 82.696 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

Instrument :

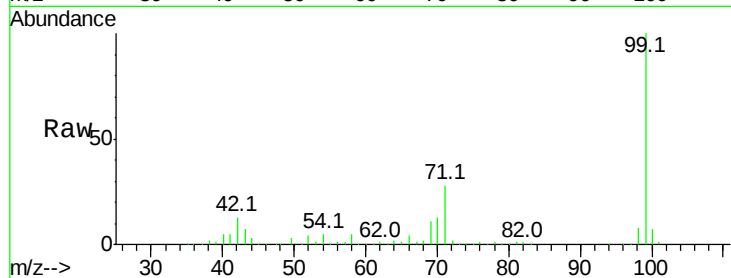
BNA_F

ClientSampleId :

FK-PS-01-019

Tot Ion: 99 Resp: 624111

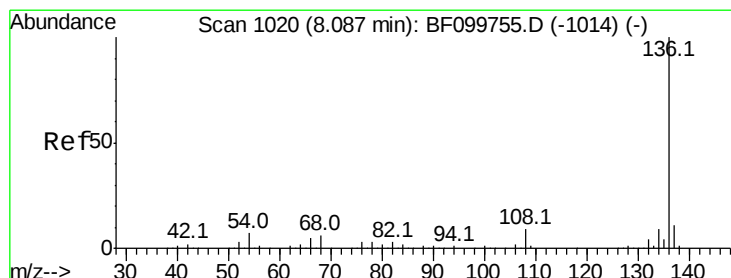
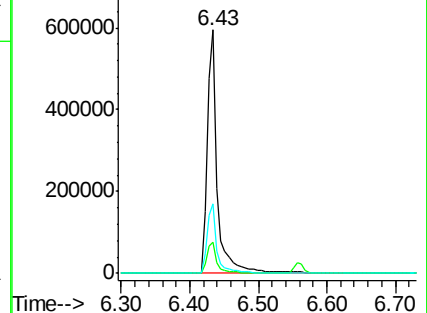
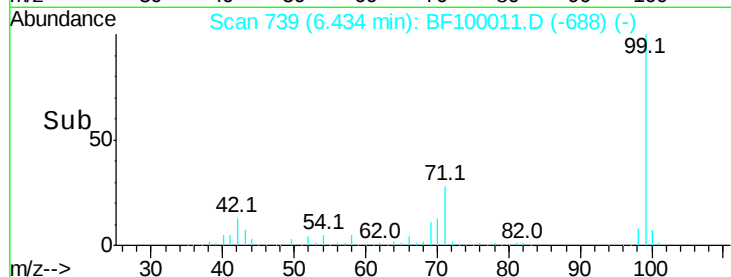
Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.5	21.7#
71	28.4	25.4	38.0



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: 8.07 min Scan# 1017

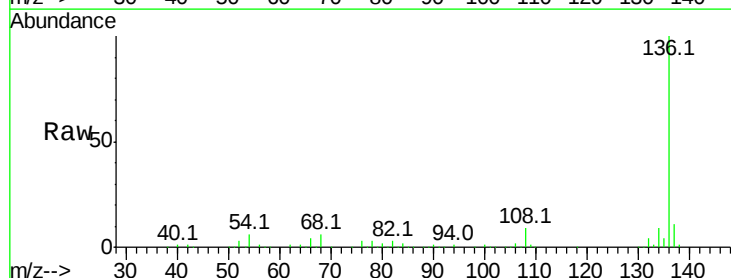
Delta R.T. 0.00 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

Tgt Ion: 136 Resp: 412401

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8#
68	5.8	5.0	7.4

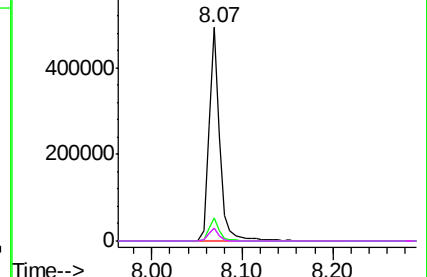
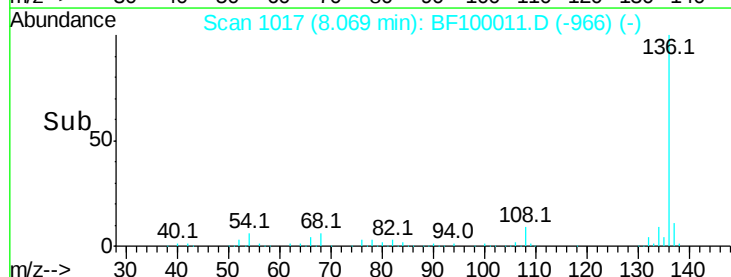


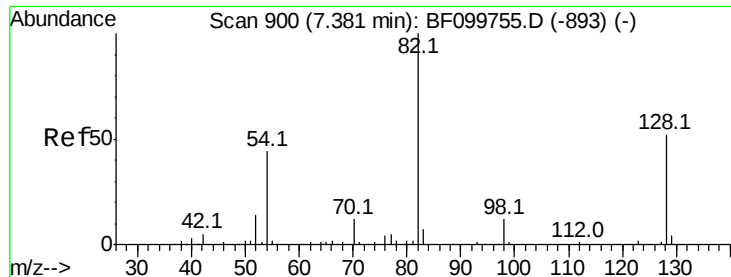
Abundance Ion 136.00 (135.70 to 136.70): E

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

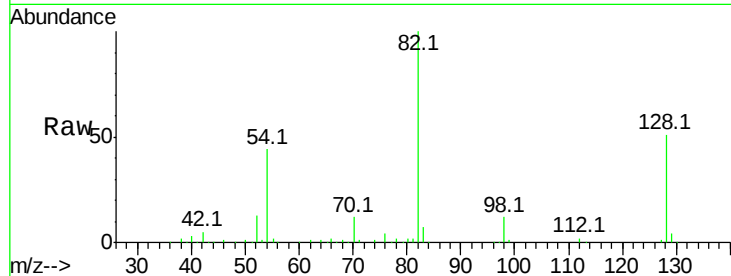




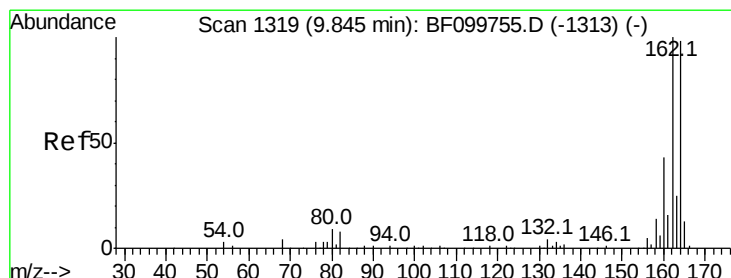
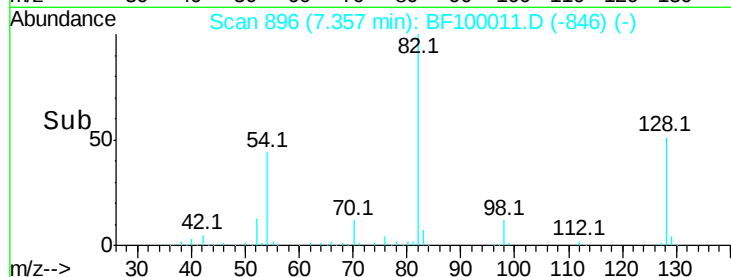
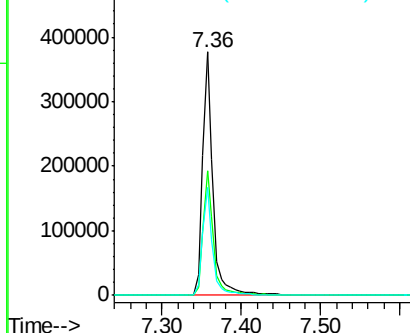
#23
Nitrobenzene-d5
Concen: 54.839 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-019

Tot Ion: 82 Resp: 351284
Ion Ratio Lower Upper
82 100
128 51.2 36.1 54.1
54 44.5 41.4 62.2

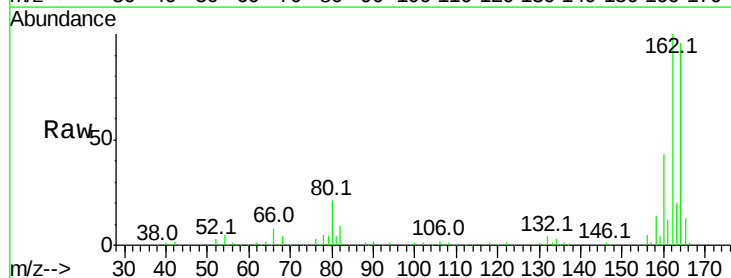


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

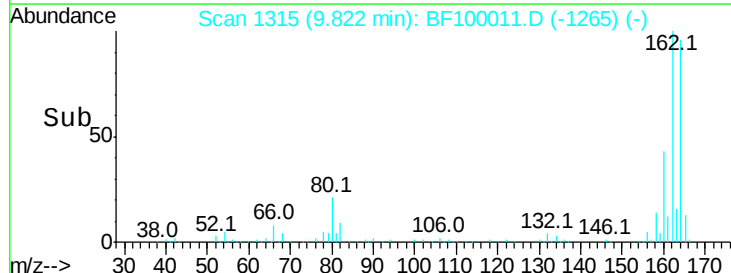
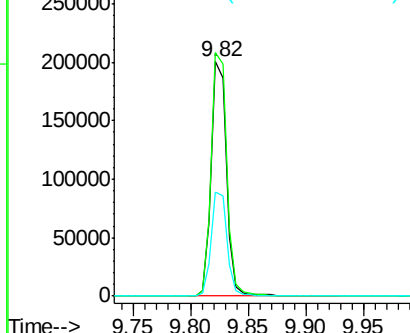


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100011.D
Acq: 31 Oct 2017 18:51

Tgt Ion: 164 Resp: 185406
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 44.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

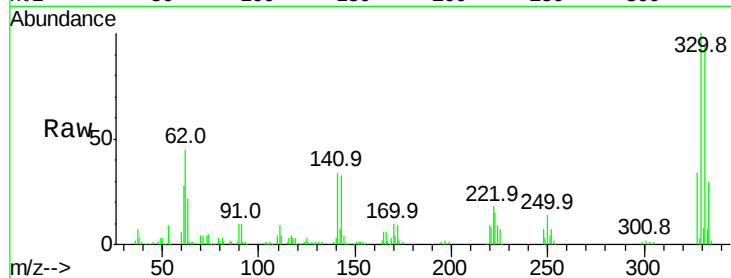




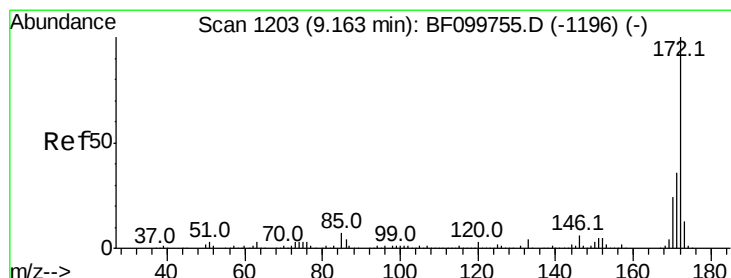
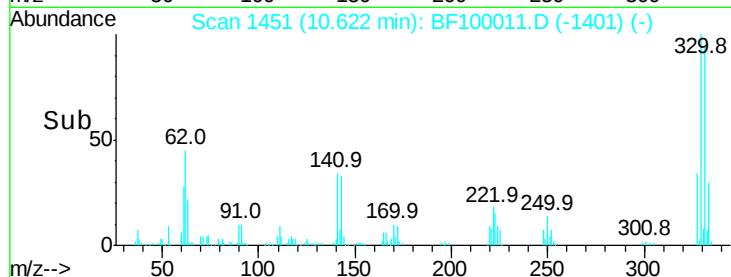
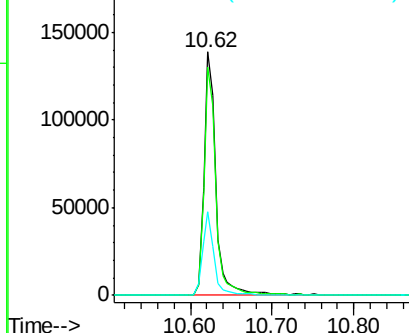
#41
 2,4,6-Tribromophenol
 Concen: 83.922 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-019

Tot Ion:330 Resp: 141797
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 32.9 29.9 44.9

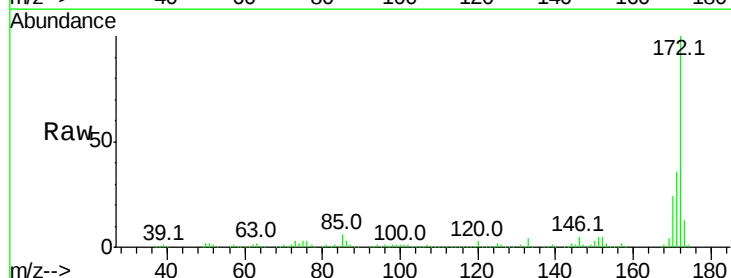


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

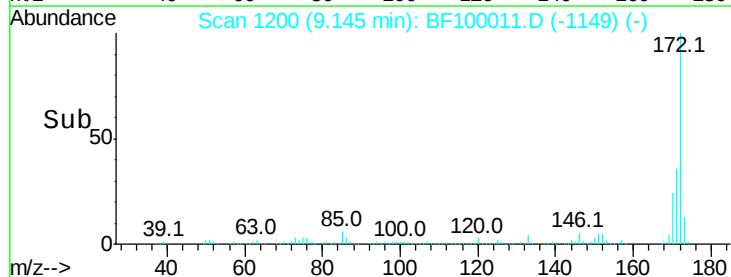
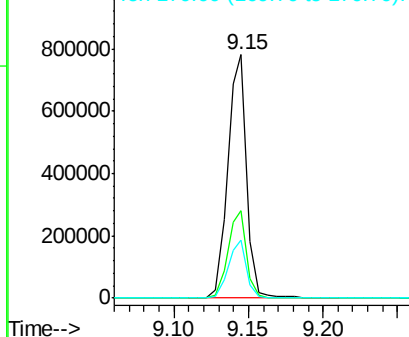


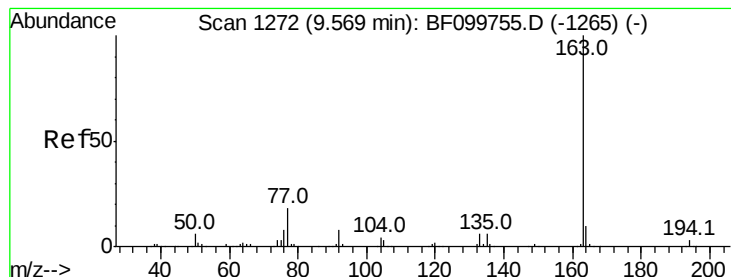
#44
 2-Fluorobiphenyl
 Concen: 58.433 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Tgt Ion:172 Resp: 702203
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 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: 18.193 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-019

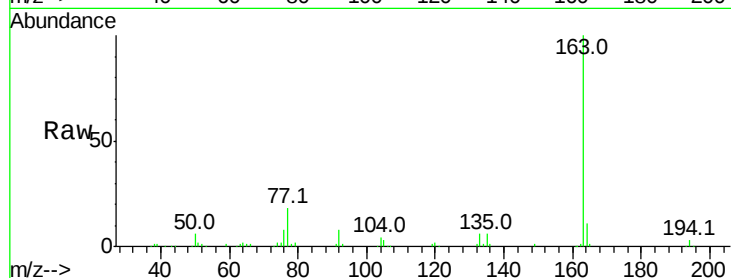
Tot Ion:163 Resp: 267121

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

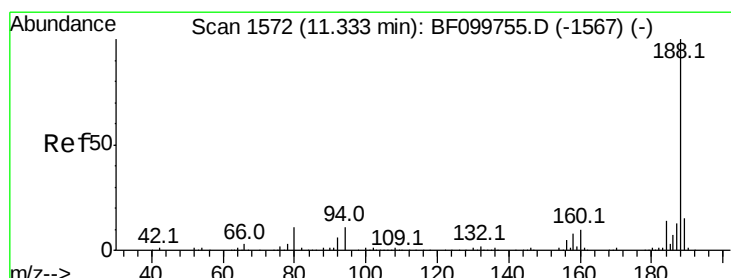
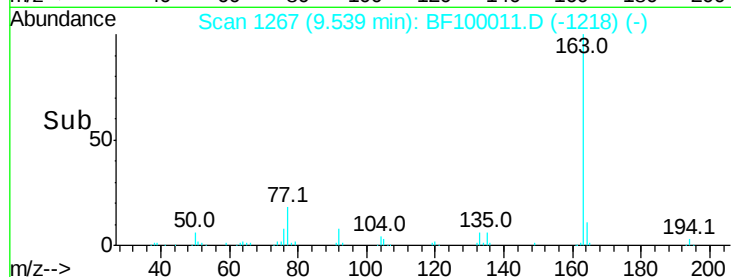
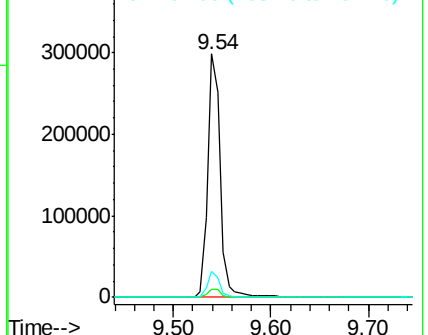
164 10.9 8.2 12.2



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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF100011.D

Acq: 31 Oct 2017 18:51

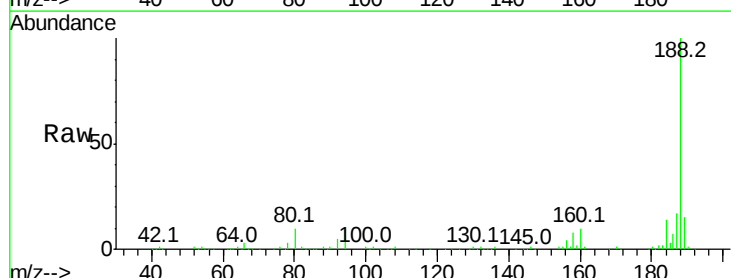
Tgt Ion:188 Resp: 316826

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

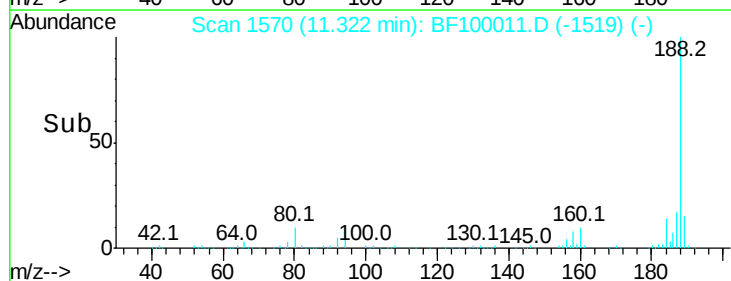
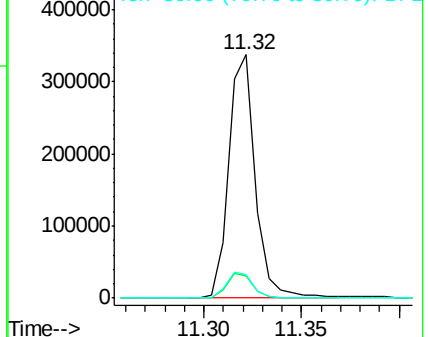
80 9.7 9.2 13.8

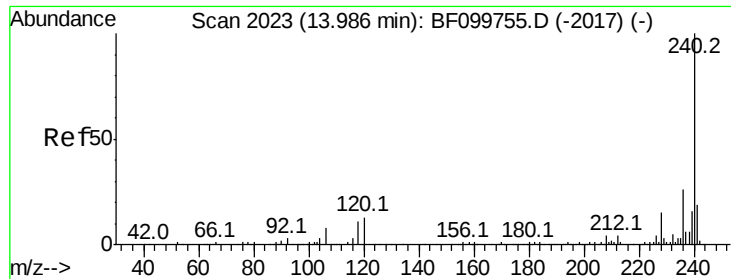


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

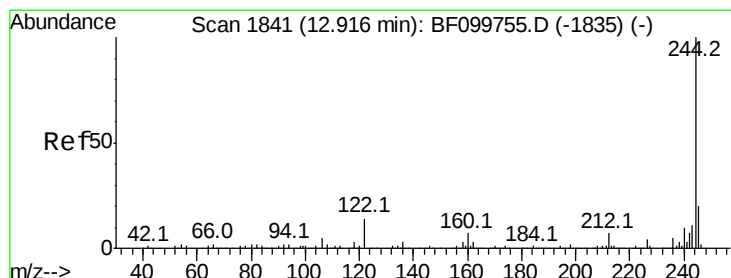
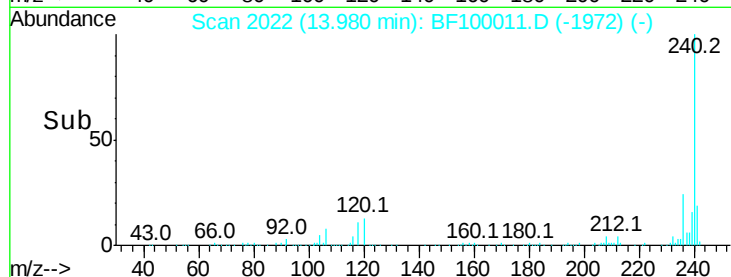
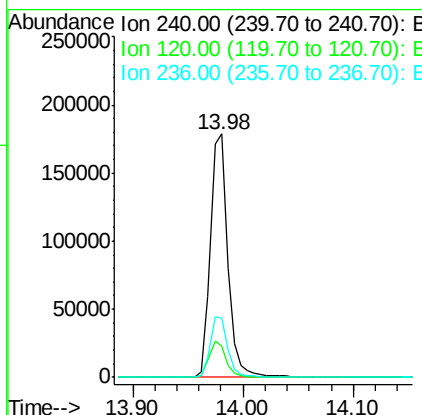
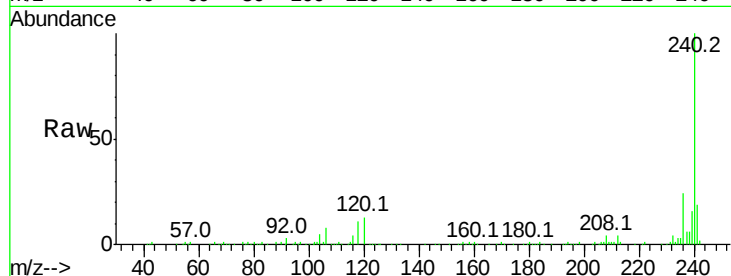




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

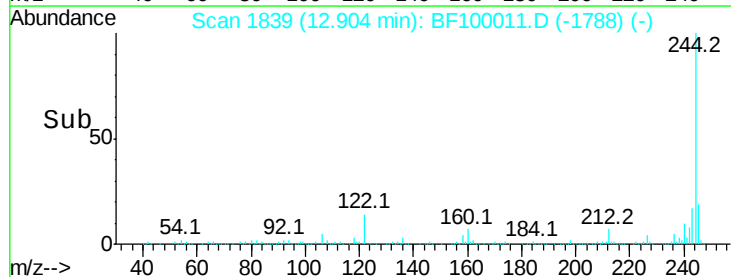
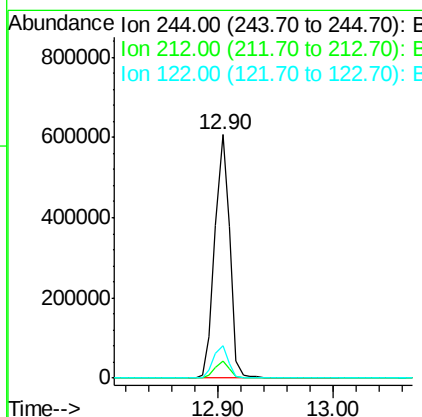
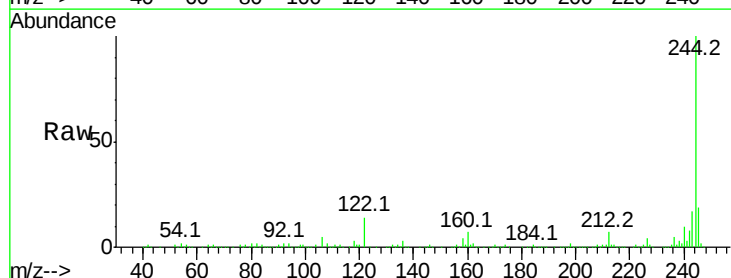
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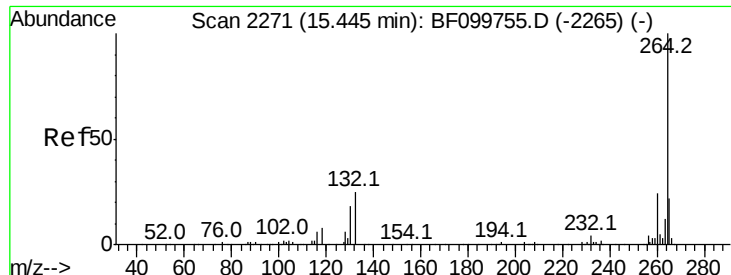
Tot Ion:240 Resp: 191920
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 24.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 61.990 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Tgt Ion:244 Resp: 544399
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.5 11.0 16.4

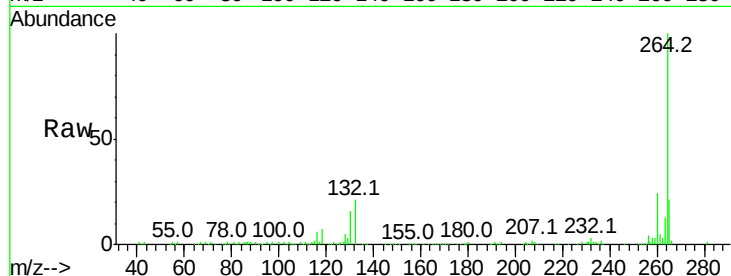




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100011.D
 Acq: 31 Oct 2017 18:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-019

Tot Ion:264 Resp: 174606
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.0 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

