

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101531.D
 Acq On : 19 Dec 2017 19:15
 Operator : SJ/JU
 Sample : I6676-08 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

Quant Time: Dec 20 07:35:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118935	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	453910	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	168943	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	268937	20.00	ng	0.00
75) Chrysene-d12	13.99	240	263387	20.00	ng	0.00
86) Perylene-d12	15.46	264	314434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	186542	23.36	ng	0.01
7) Phenol-d6	6.45	99	229899	23.14	ng	0.00
23) Nitrobenzene-d5	7.38	82	126874	15.56	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	28707	17.63	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	227744	20.91	ng	0.00
78) Terphenyl-d14	12.92	244	147250	13.48	ng	0.00

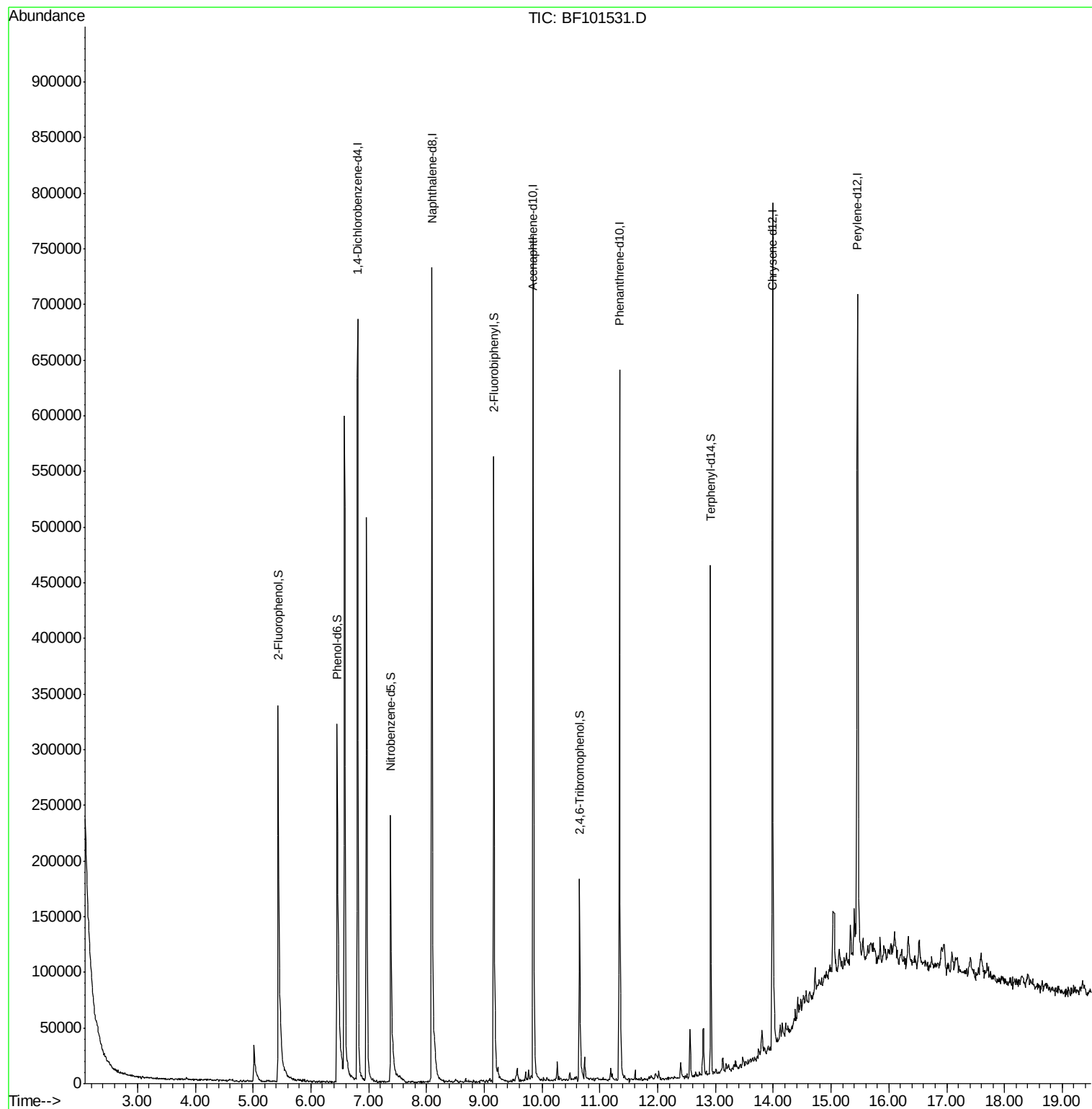
Target Compounds Qvalue

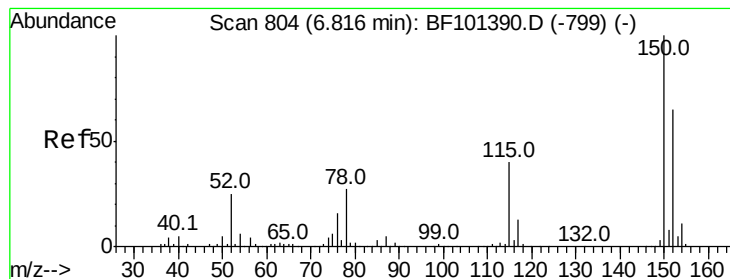
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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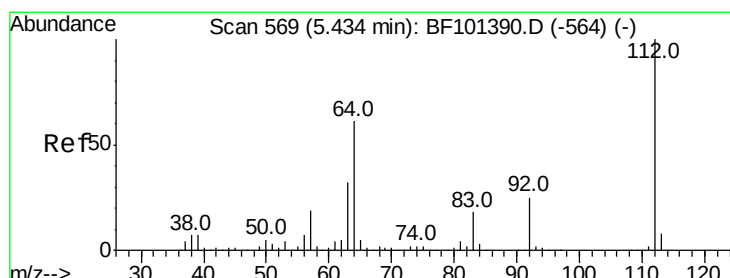
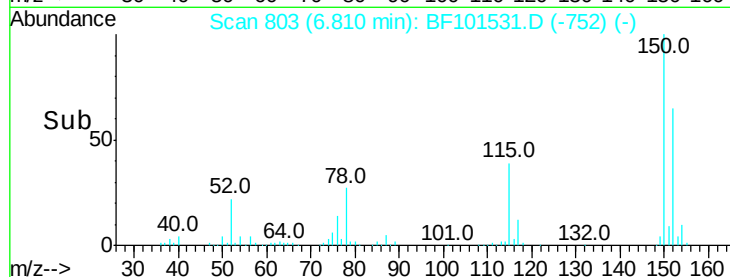
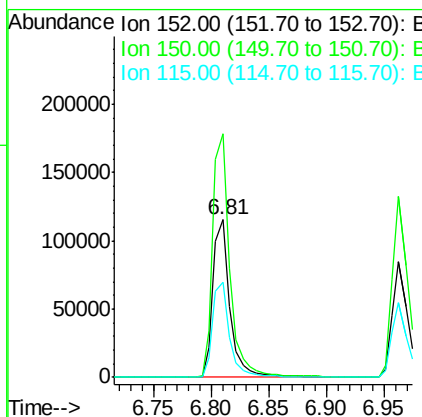
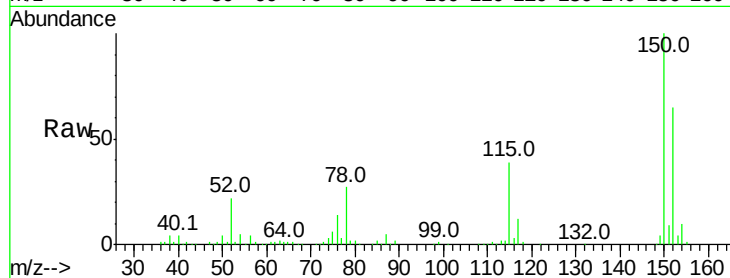


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
OK-01-121817

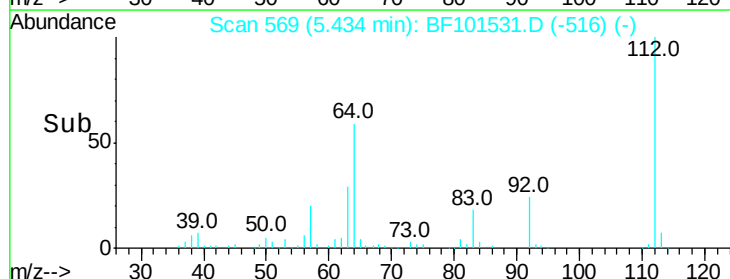
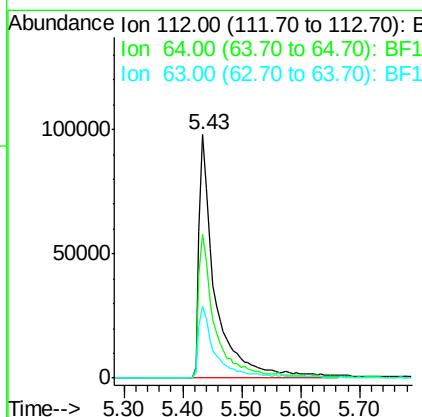
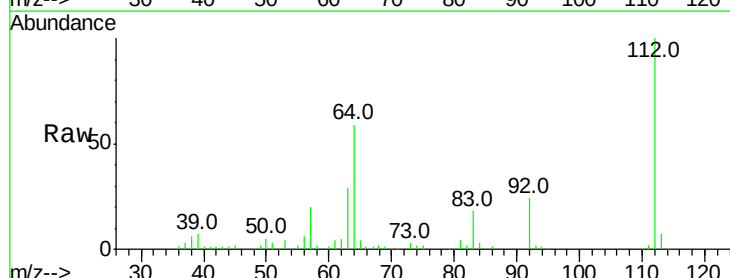
Tot Ion:152 Resp: 118935
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.5 50.1 75.1

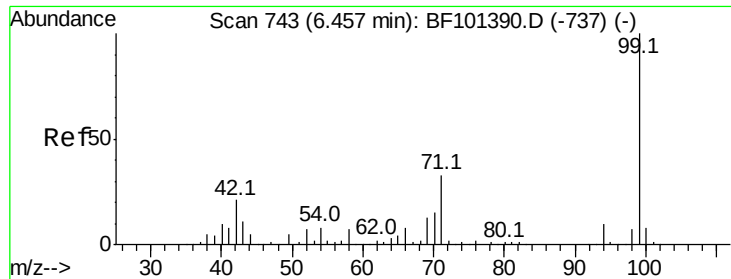


#5

2-Fluorophenol
Concen: 23.363 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Tgt Ion:112 Resp: 186542
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 23.136 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

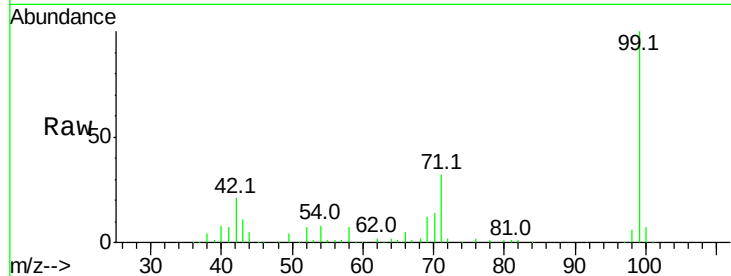
Tot Ion: 99 Resp: 229899

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

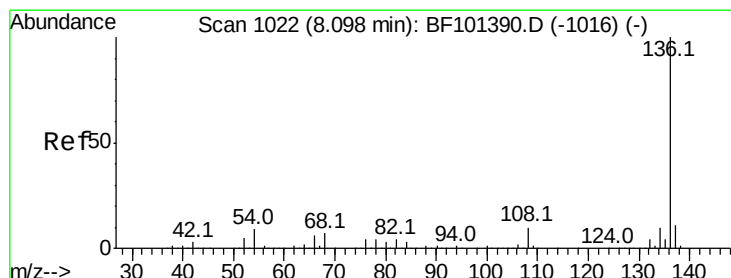
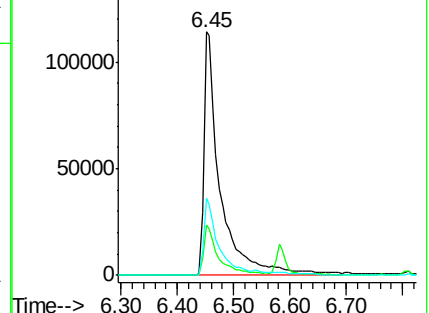
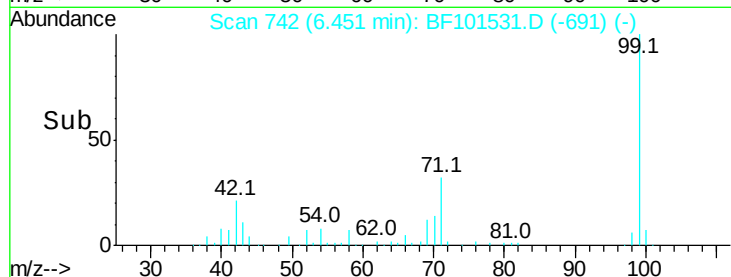
71 31.6 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Tgt Ion: 136 Resp: 453910

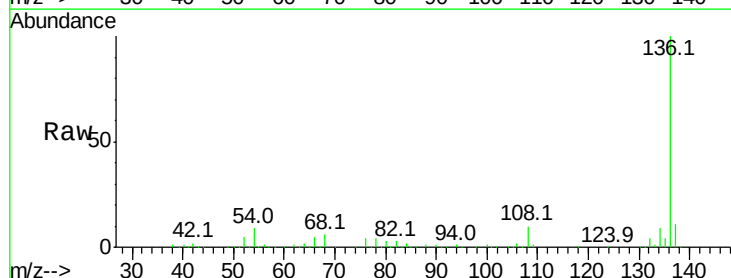
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4

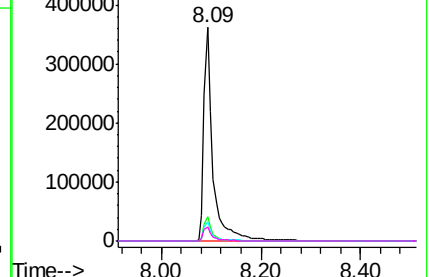
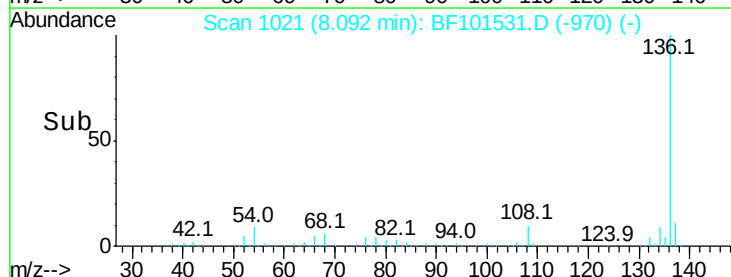


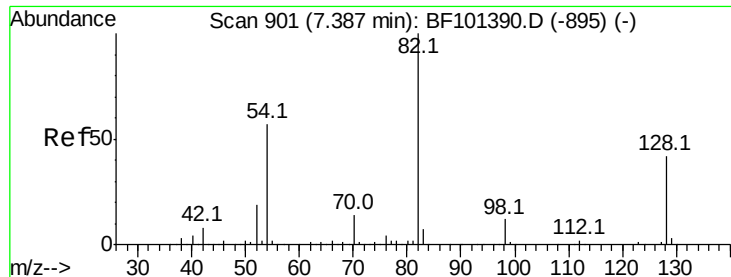
Abundance Ion 136.00 (135.70 to 136.70): E

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

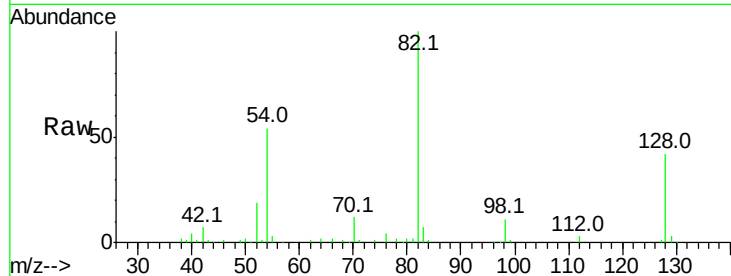




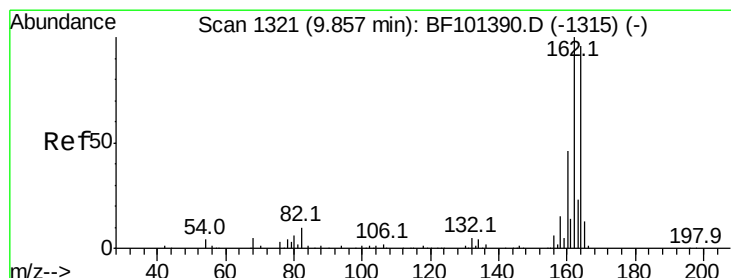
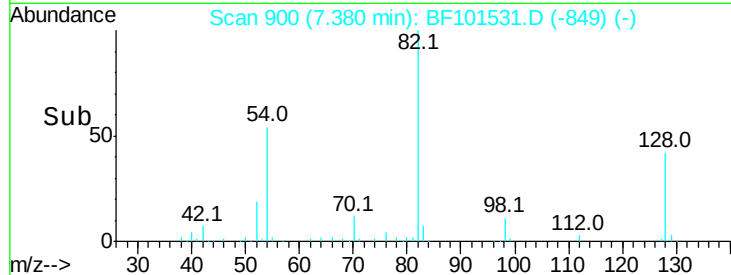
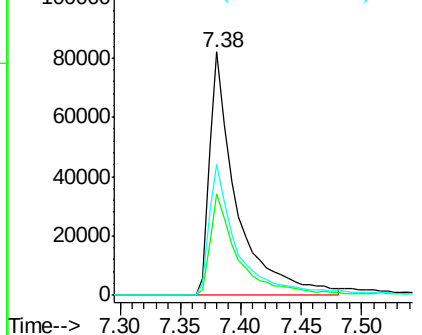
#23
 Nitrobenzene-d5
 Concen: 15.559 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

Tot Ion: 82 Resp: 126874
 Ion Ratio Lower Upper
 82 100
 128 41.8 36.1 54.1
 54 53.6 41.4 62.2

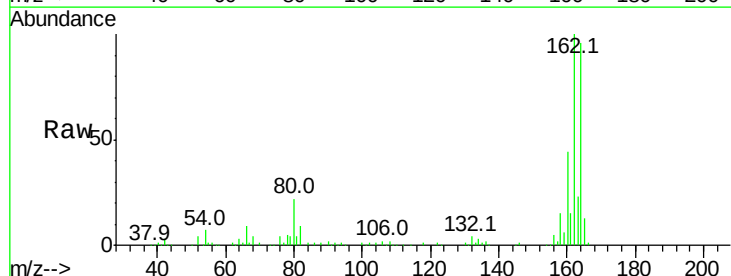


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

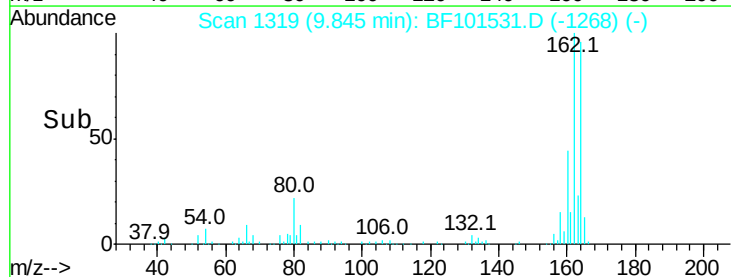
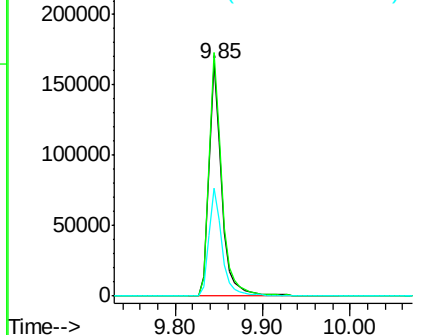


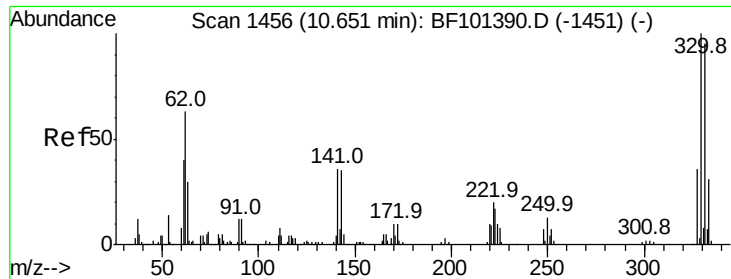
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

Tgt Ion:164 Resp: 168943
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.1 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

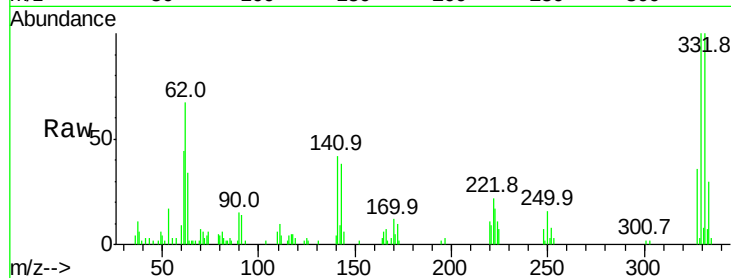




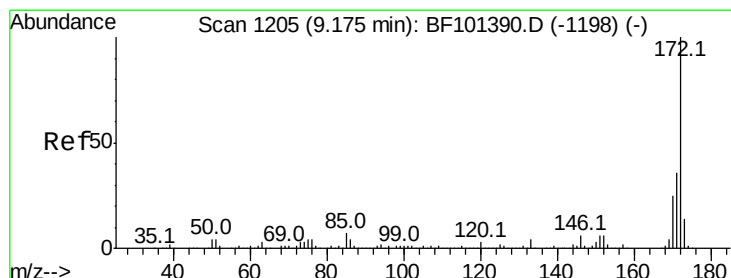
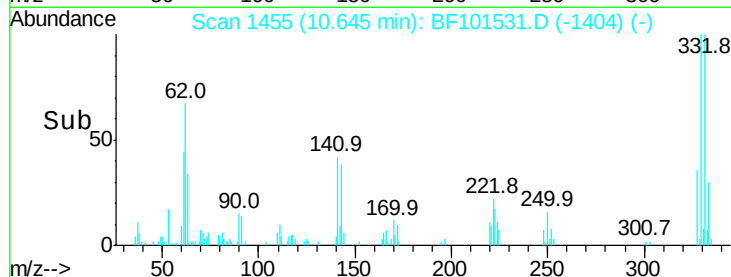
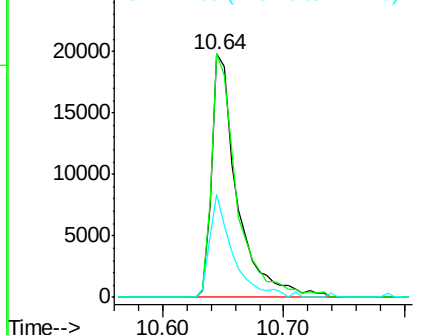
#41
 2,4,6-Tribromophenol
 Concen: 17.634 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

Tot Ion:330 Resp: 28707
 Ion Ratio Lower Upper
 330 100
 332 99.5 77.0 115.6
 141 38.4 29.9 44.9

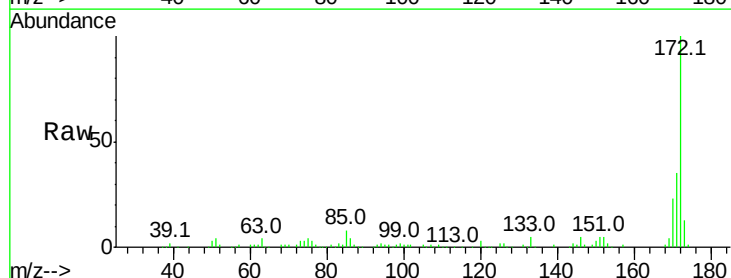


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

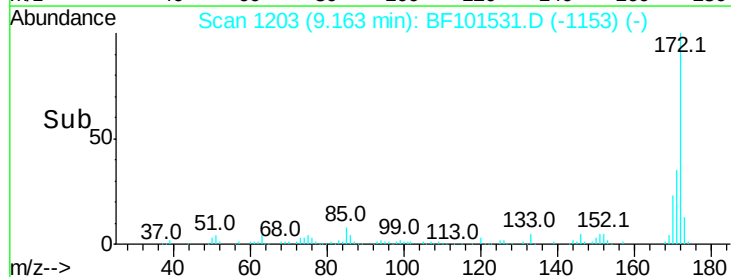
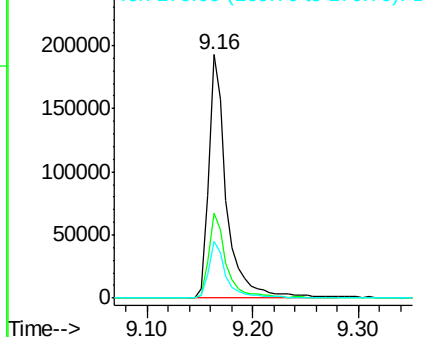


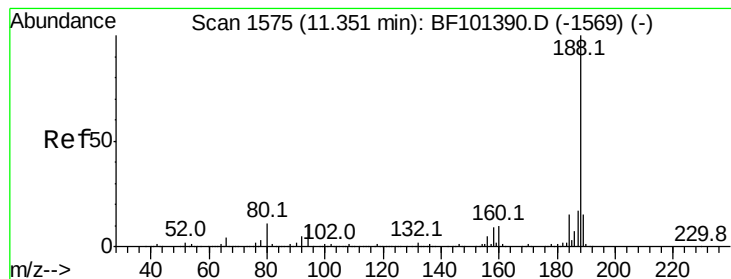
#44
 2-Fluorobiphenyl
 Concen: 20.912 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

Tgt Ion:172 Resp: 227744
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 23.4 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

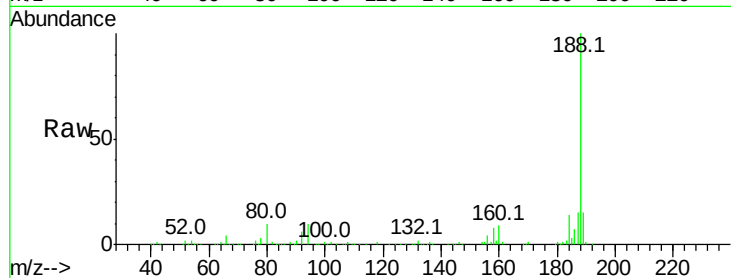
Tot Ion:188 Resp: 268937

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

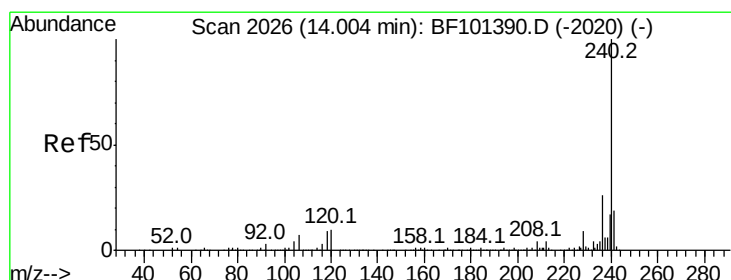
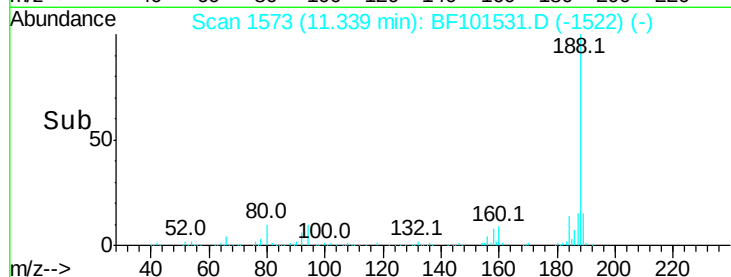
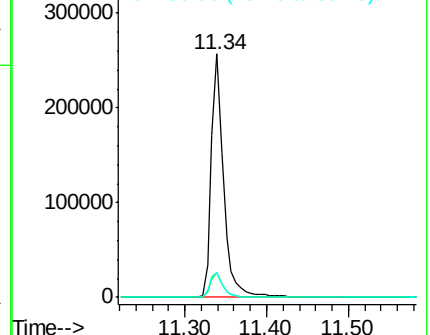
80 10.4 9.2 13.8



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: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

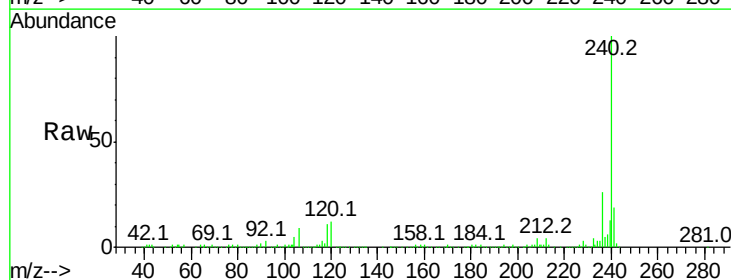
Tgt Ion:240 Resp: 263387

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

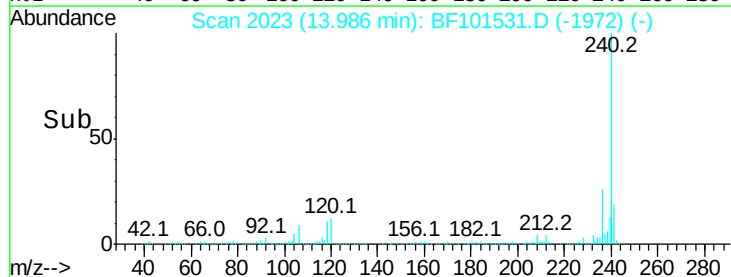
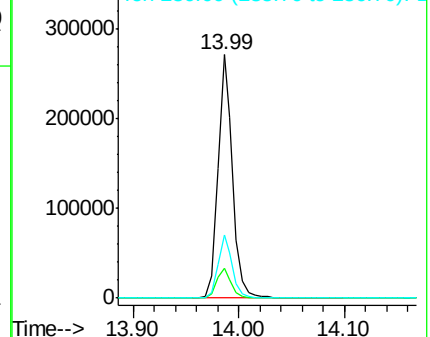
236 26.1 20.7 31.1

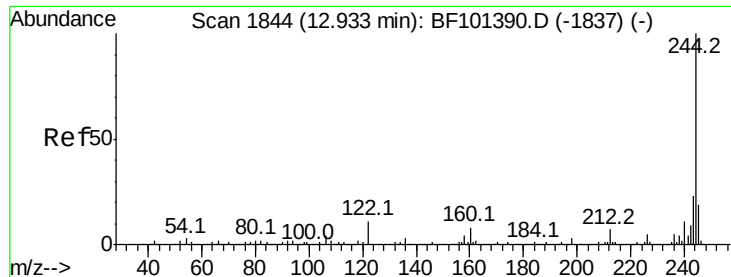


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 13.478 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

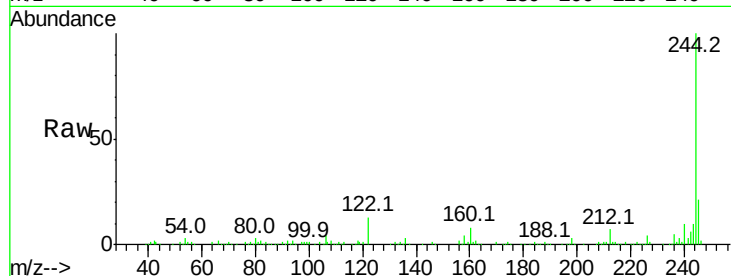
Tot Ion:244 Resp: 147250

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

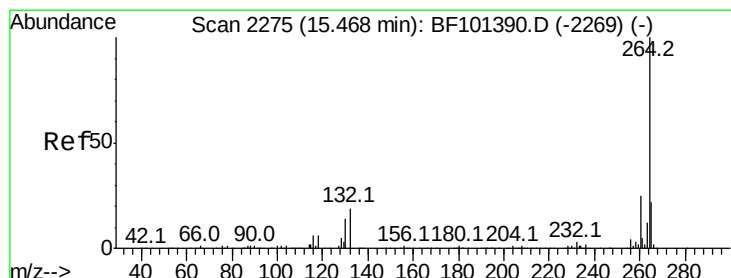
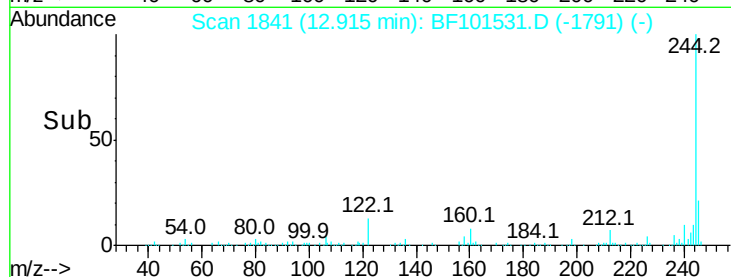
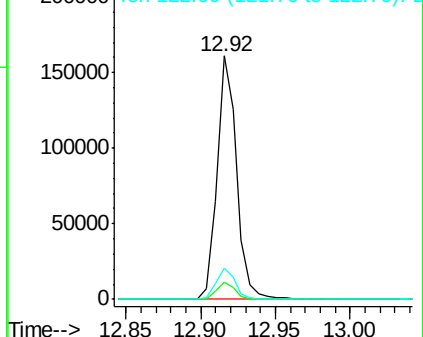
122 12.7 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

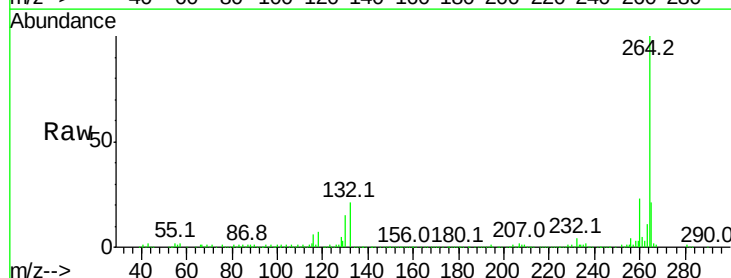
Tgt Ion:264 Resp: 314434

Ion Ratio Lower Upper

264 100

260 23.4 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

