

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101574.D
 Acq On : 20 Dec 2017 18:12
 Operator : SJ/JU
 Sample : I6975-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Quant Time: Dec 21 04:32:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146340	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	564108	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	240216	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	387702	20.00	ng	0.00
75) Chrysene-d12	13.97	240	262069	20.00	ng	0.00
86) Perylene-d12	15.43	264	310116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1062761	108.18	ng	0.02
7) Phenol-d6	6.44	99	1180621	96.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	876084	86.45	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	271997	117.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1401150	90.48	ng	0.00
78) Terphenyl-d14	12.90	244	1035337	95.24	ng	0.00

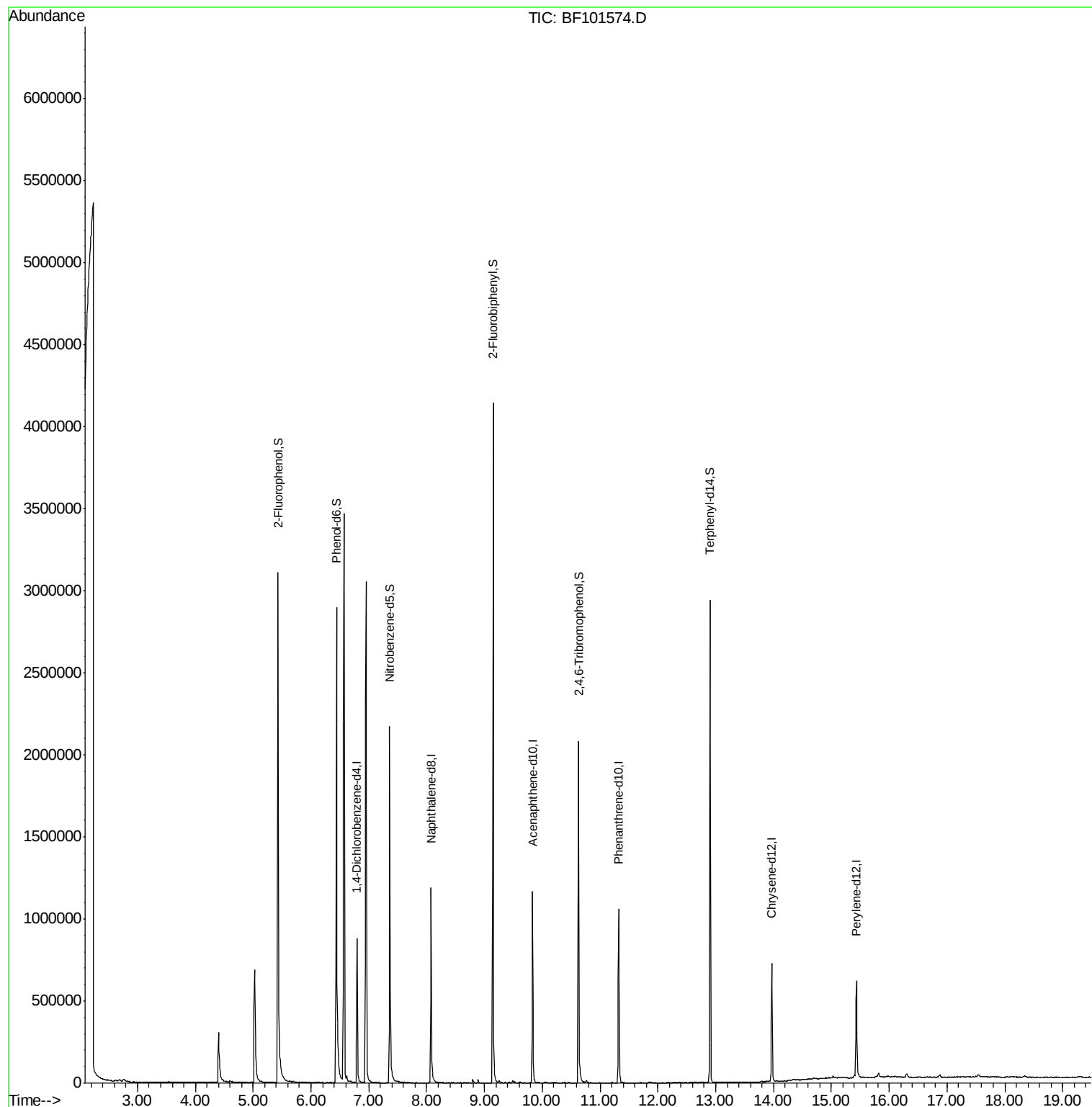
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101574.D
Acq On : 20 Dec 2017 18:12
Operator : SJ/JU
Sample : I6975-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12000

Quant Time: Dec 21 04:32:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

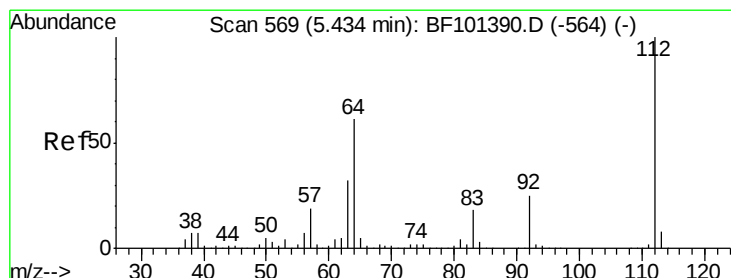
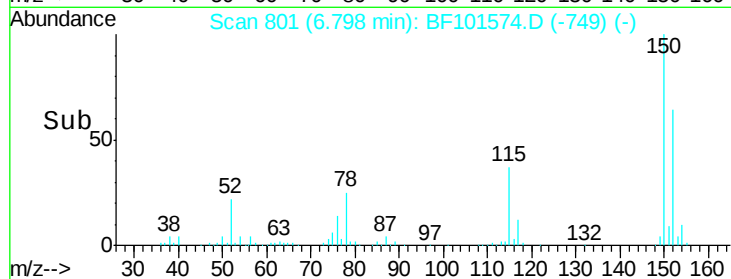
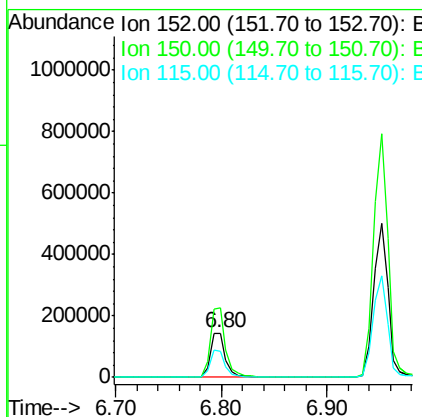
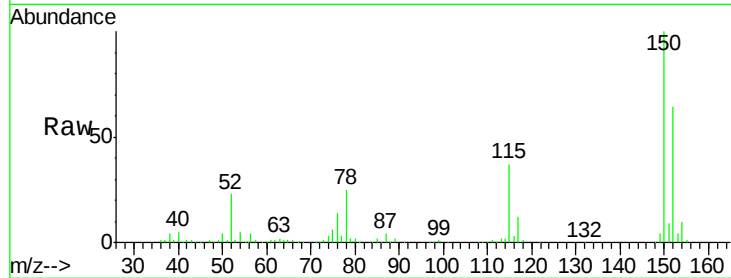




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

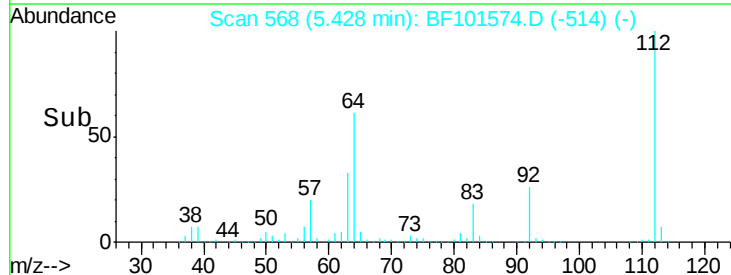
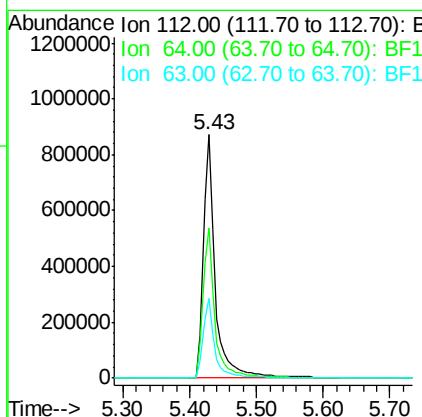
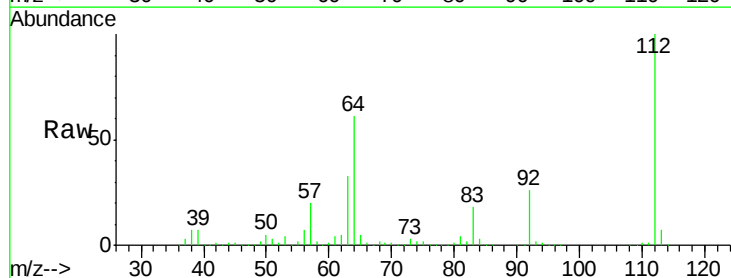
Instrument :
 BNA_F
 ClientSampled :
 72-12000

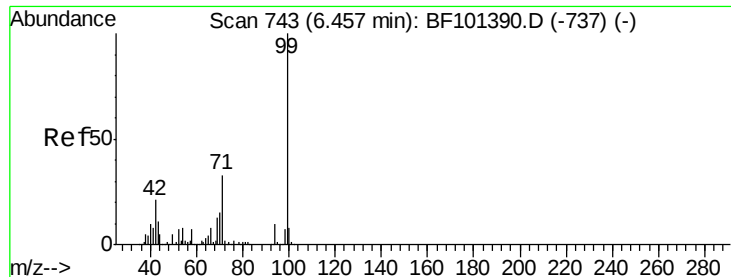
Tgt Ion:152 Resp: 146340
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 58.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 108.177 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Tgt Ion:112 Resp: 1062761
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 32.8 23.7 35.5





#7

Phenol-d6

Concen: 96.561 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Instrument :

BNA_F

ClientSampled :

72-12000

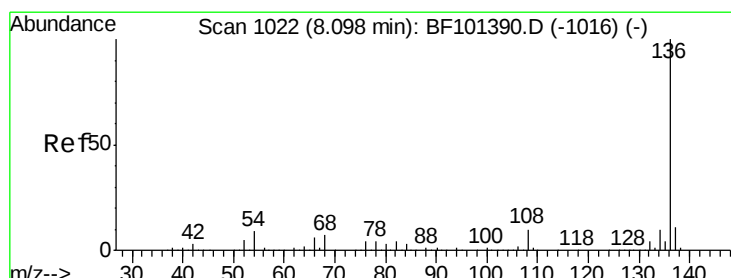
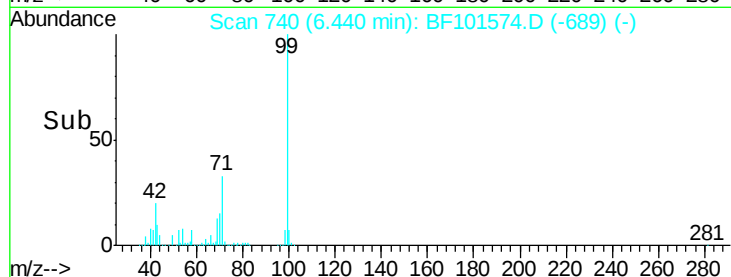
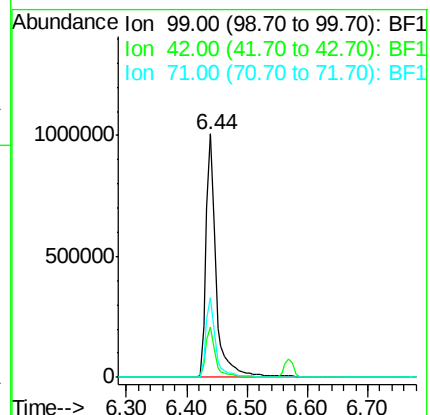
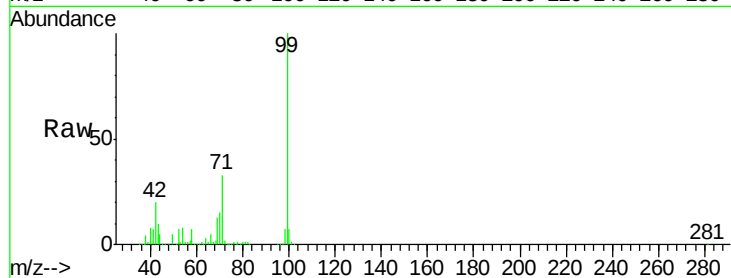
Tgt Ion: 99 Resp: 1180621

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

71 32.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Tgt Ion: 136 Resp: 564108

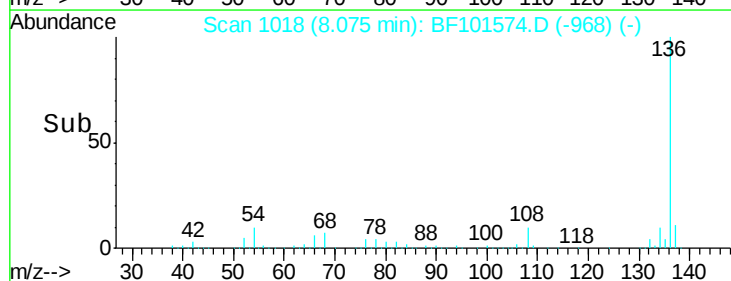
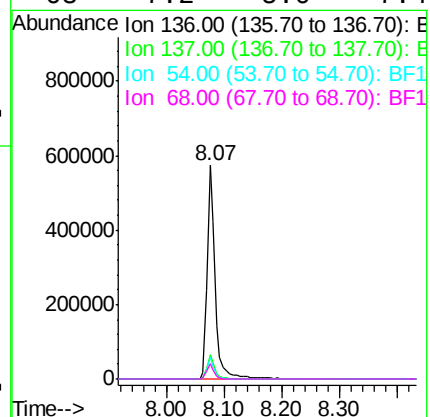
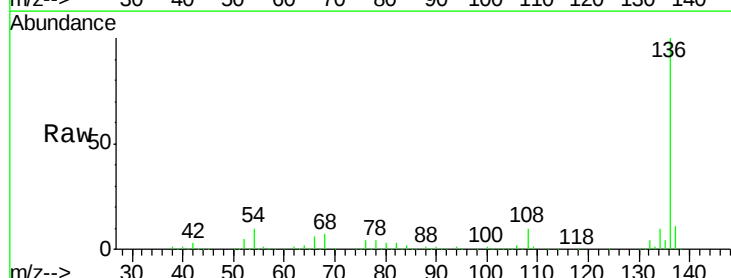
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 10.0 6.6 9.8#

68 7.2 5.0 7.4

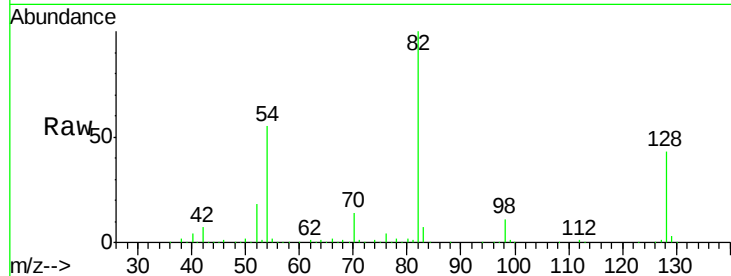




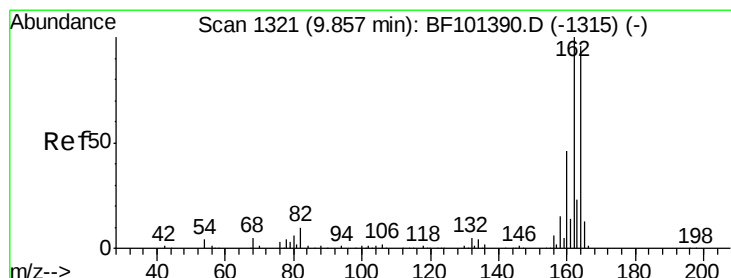
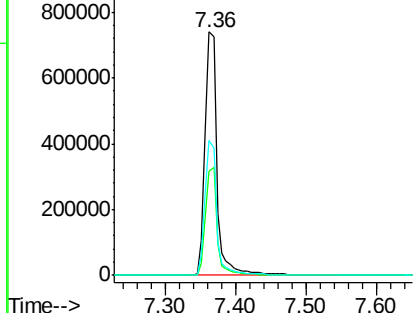
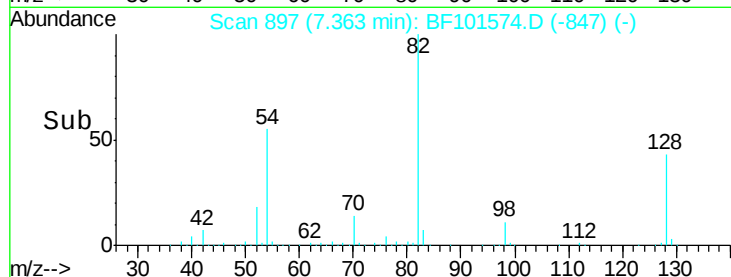
#23
 Nitrobenzene-d5
 Concen: 86.451 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Tgt Ion: 82 Resp: 876084
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 55.3 41.4 62.2

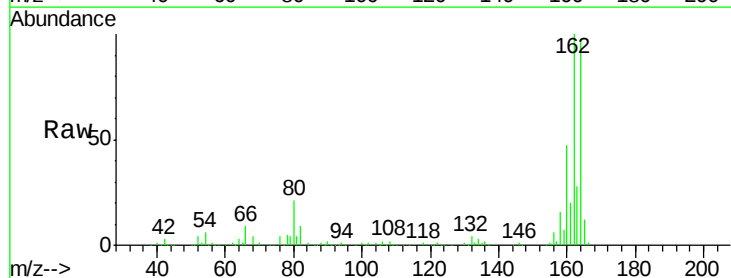


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

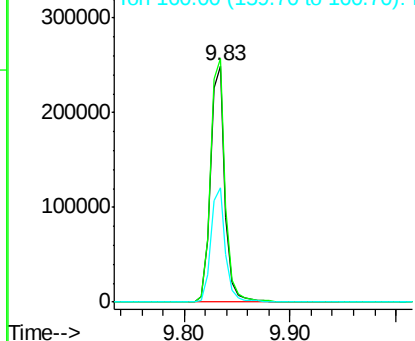
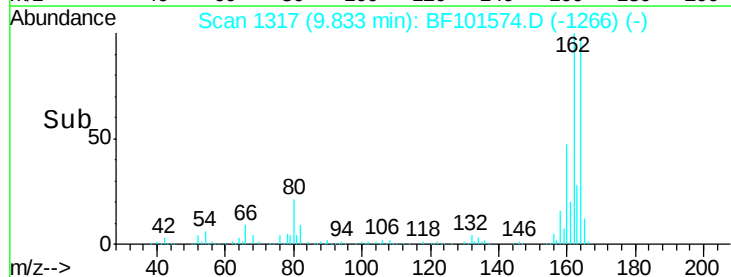


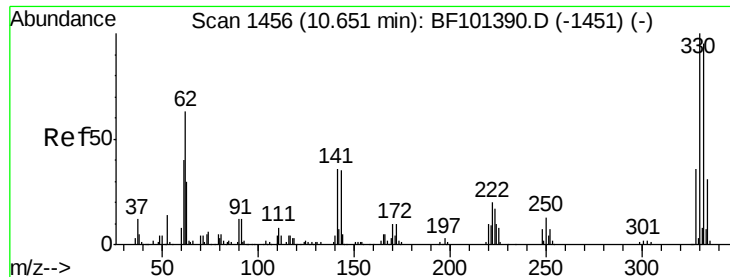
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Tgt Ion: 164 Resp: 240216
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 48.4 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

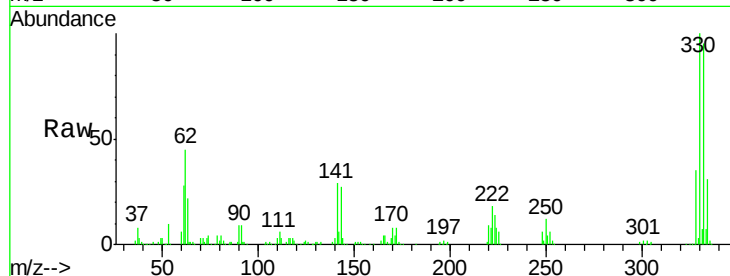




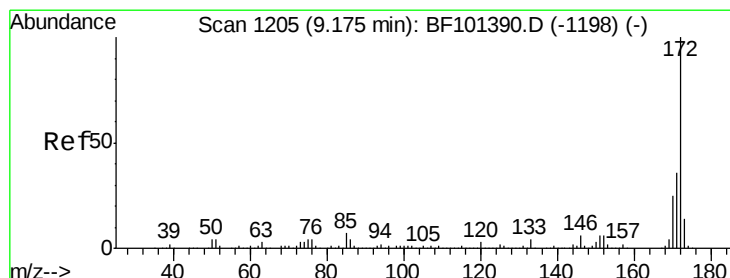
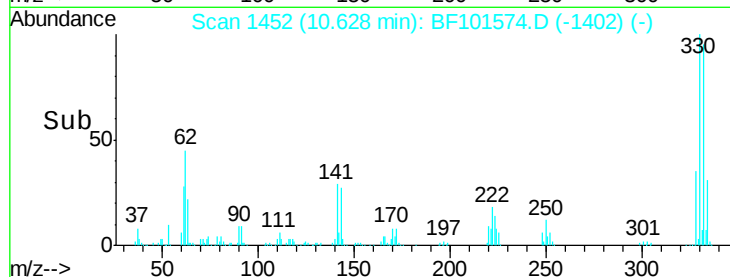
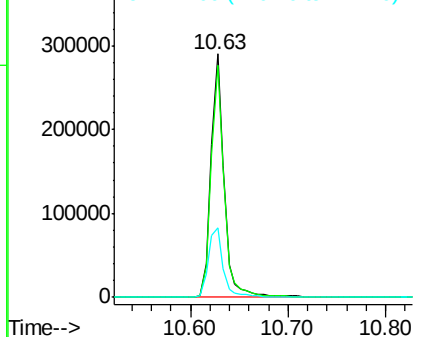
#41
 2,4,6-Tribromophenol
 Concen: 117.510 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Instrument :
 BNA_F
 ClientSampleId :
 72-12000

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.9	29.9	44.9

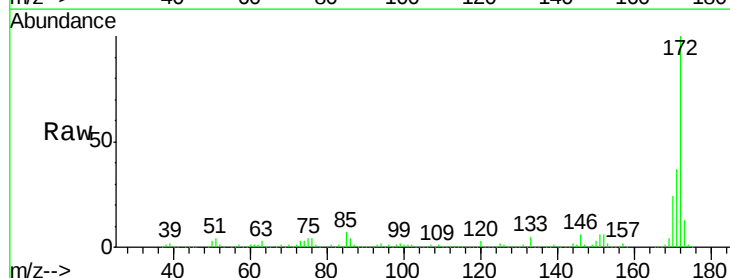


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

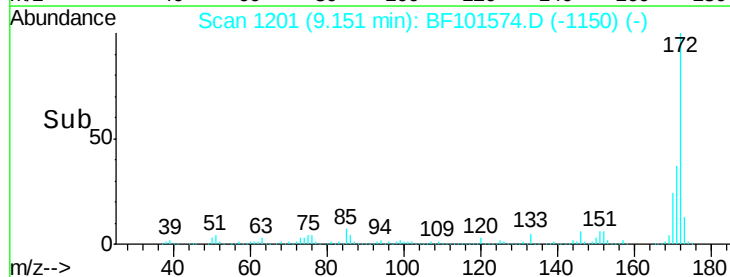
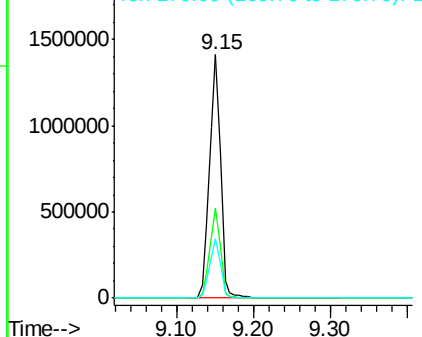


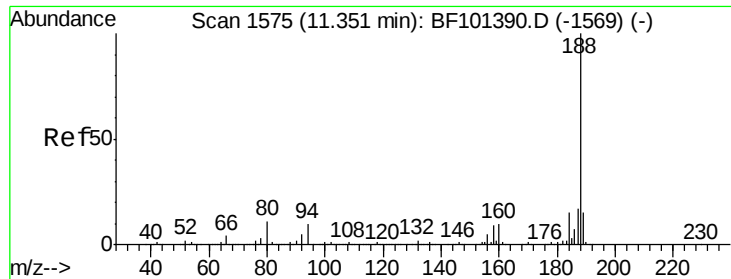
#44
 2-Fluorobiphenyl
 Concen: 90.482 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101574.D
 Acq: 20 Dec 2017 18:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	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

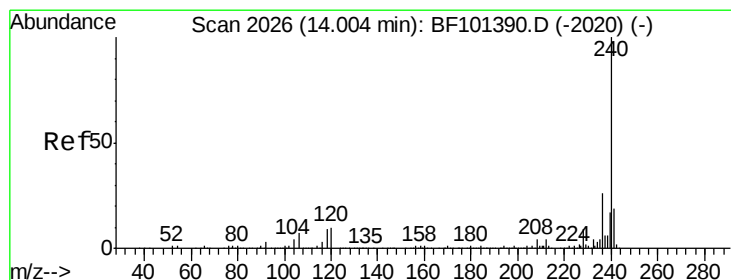
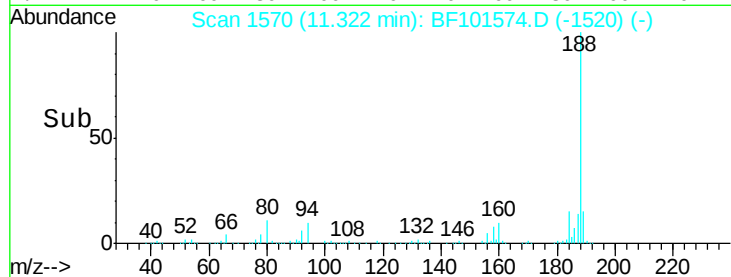
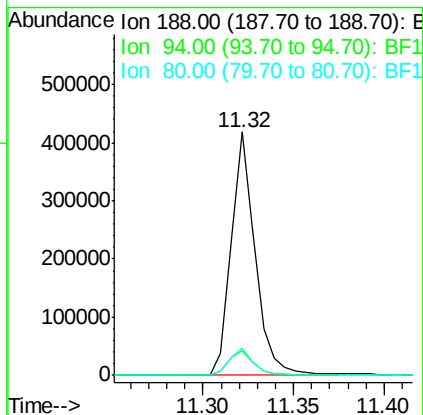
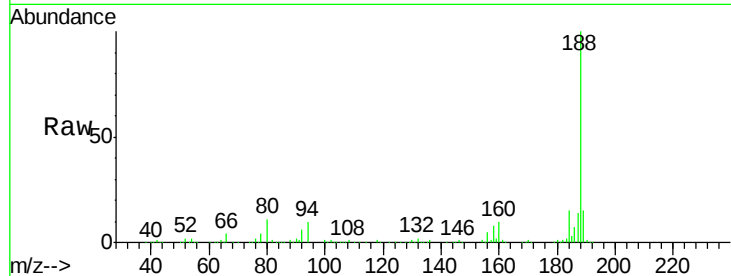




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

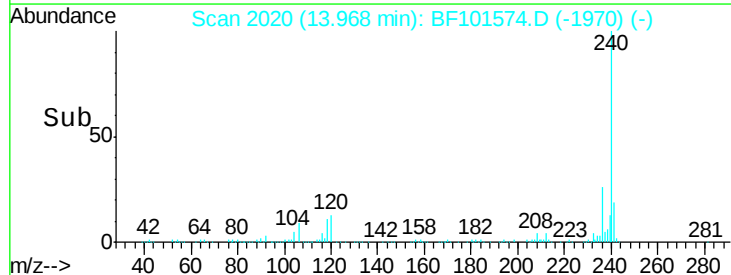
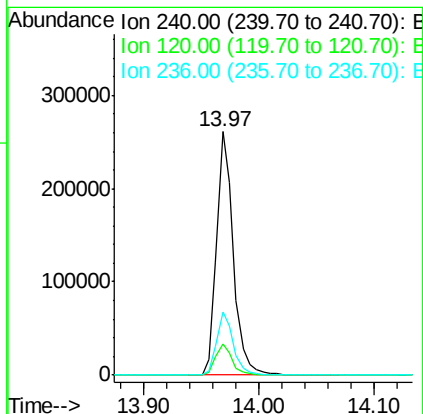
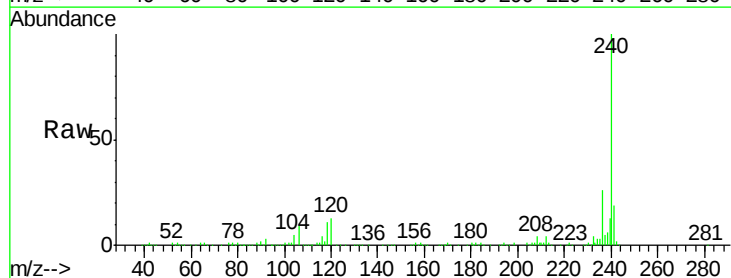
Instrument :
BNA_F
ClientSampled :
72-12000

Tgt Ion:188 Resp: 387702
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101574.D
Acq: 20 Dec 2017 18:12

Tgt Ion:240 Resp: 262069
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 95.241 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

Instrument :

BNA_F

ClientSampleId :

72-12000

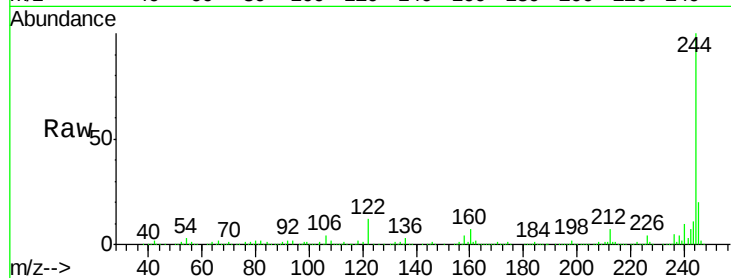
Tgt Ion:244 Resp: 1035337

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

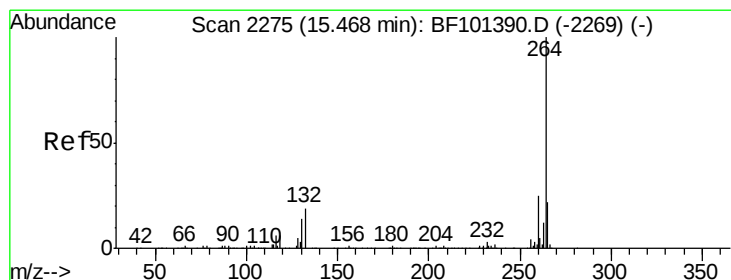
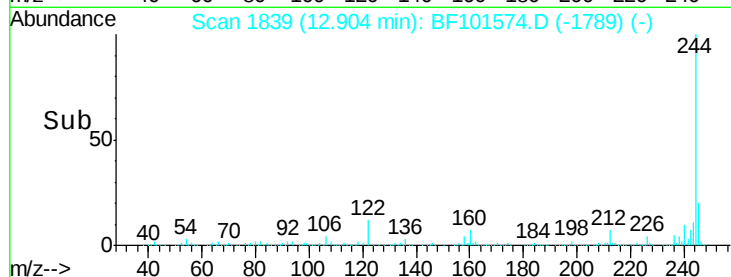
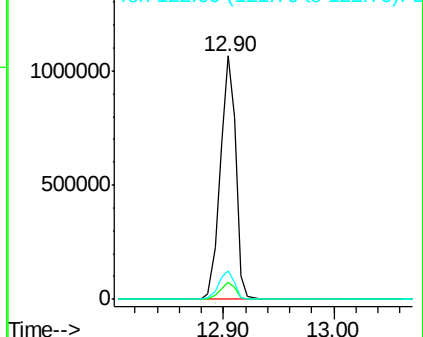
122 11.7 11.0 16.4



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: 15.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BF101574.D

Acq: 20 Dec 2017 18:12

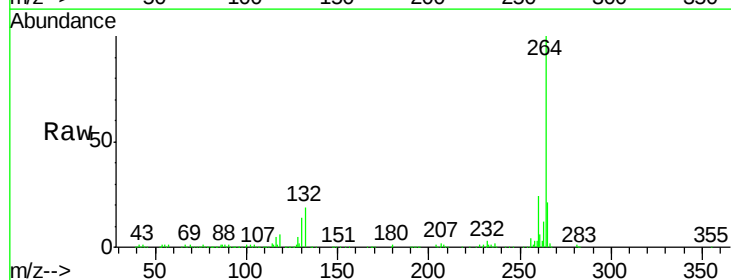
Tgt Ion:264 Resp: 310116

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.4 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

