

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
 Data File : BF080489.D
 Acq On : 15 Jul 2015 13:29
 Operator : TP/UM
 Sample : G2973-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D12

Quant Time: Jul 15 16:10:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

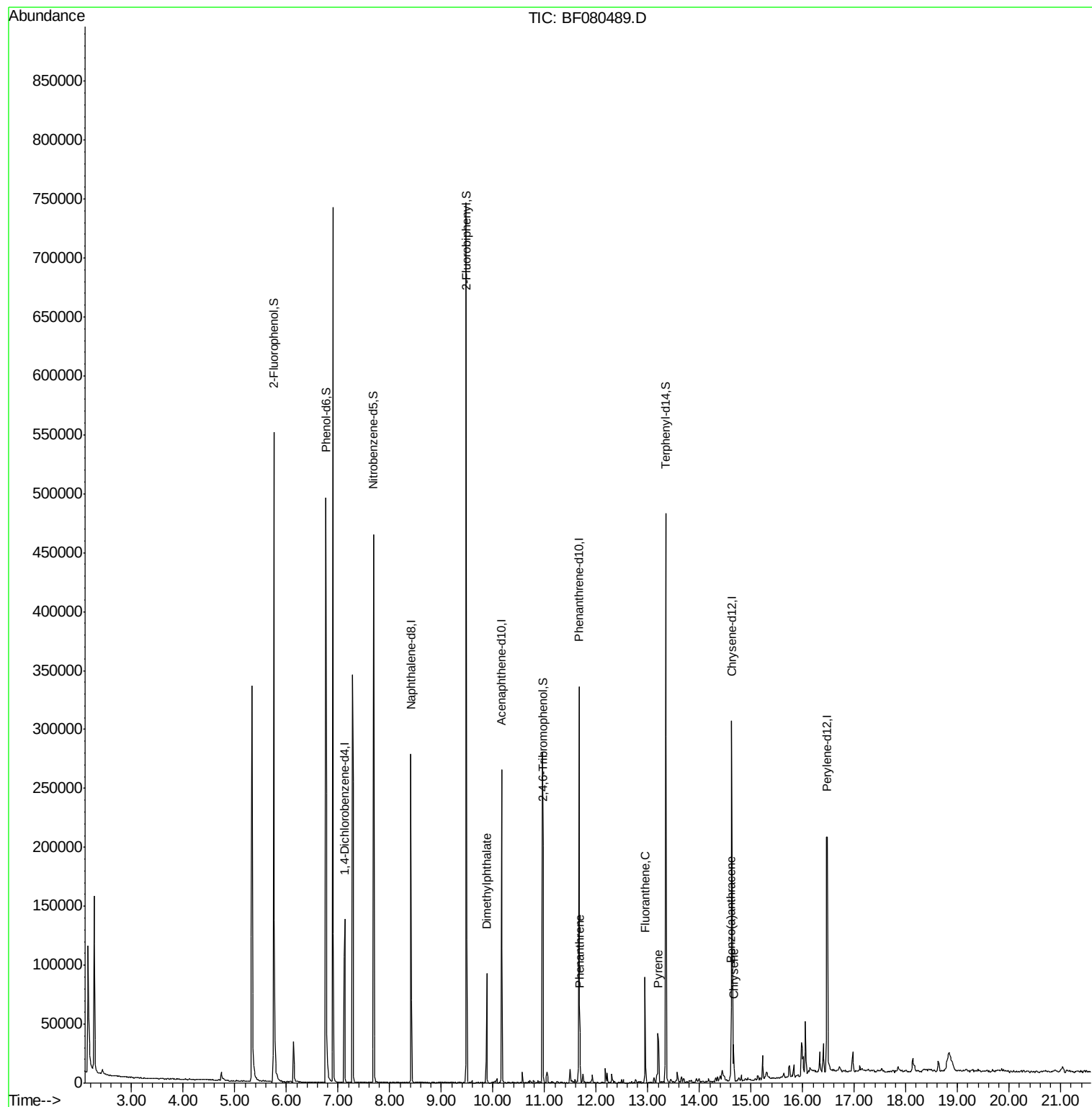
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	27588	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	117165	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	55831	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	117356	20.00	ng	0.00
75) Chrysene-d12	14.63	240	122764	20.00	ng	0.15
86) Perylene-d12	16.48	264	119540	20.00	ng	0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	150752	89.31	ng	0.00
7) Phenol-d6	6.76	99	193932	93.89	ng	-0.01
23) Nitrobenzene-d5	7.69	82	129389	60.45	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	35666	67.58	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	209443	51.40	ng	0.00
78) Terphenyl-d14	13.35	244	192699	37.84	ng	0.07
Target Compounds						Qvalue
49) Dimethylphthalate	9.88	163	38403	8.69	ng	100
70) Phenanthrene	11.69	178	17529	2.57	ng	99
74) Fluoranthene	12.94	202	35227	5.24	ng	95
77) Pyrene	13.20	202	25838	3.58	ng	96
80) Benzo(a)anthracene	14.61	228	15742	2.20	ng	98
82) Chrysene	14.66	228	15265	2.23	ng	95

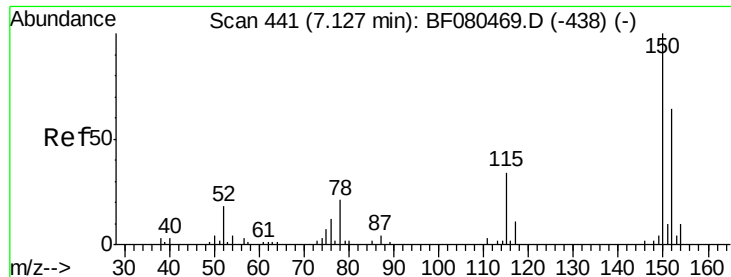
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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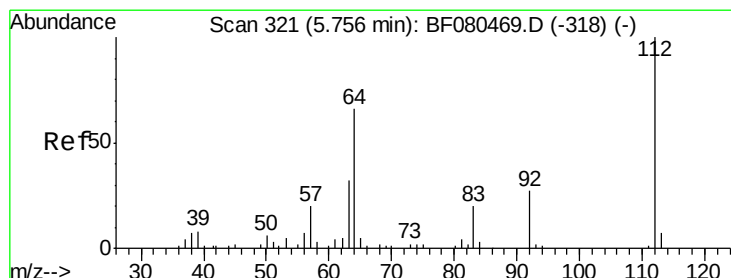
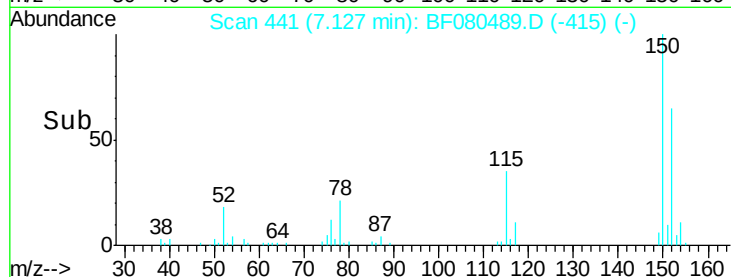
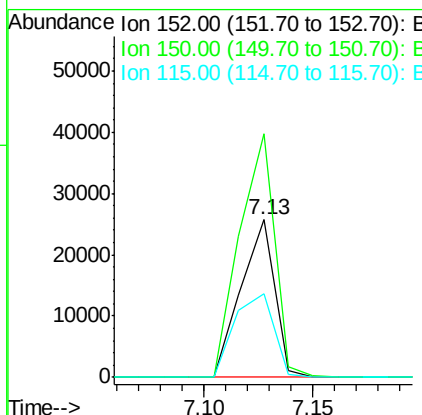
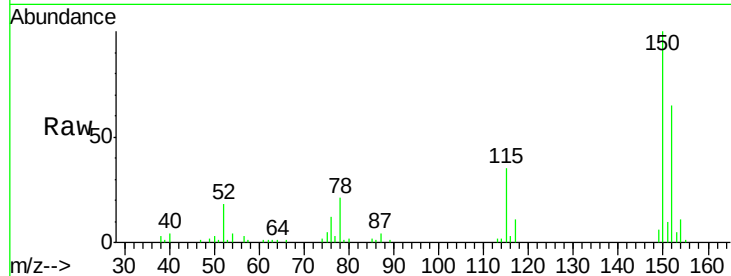


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

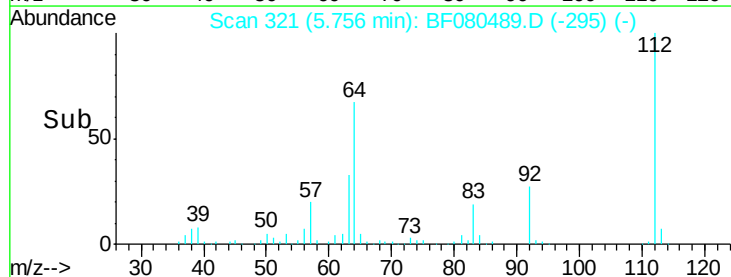
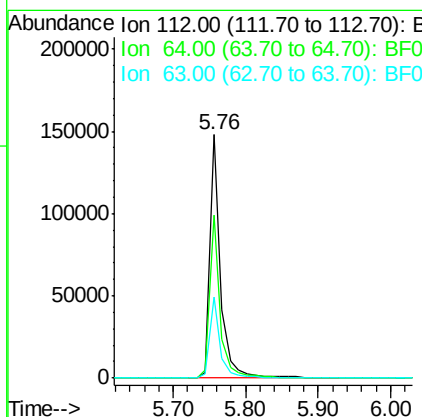
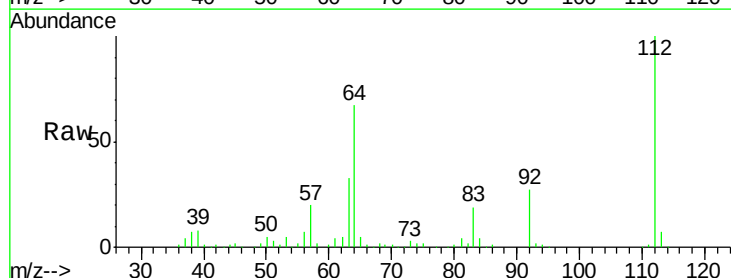
Tgt Ion:152 Resp: 27588
Ion Ratio Lower Upper
152 100
150 154.6 125.5 188.3
115 53.4 42.9 64.3

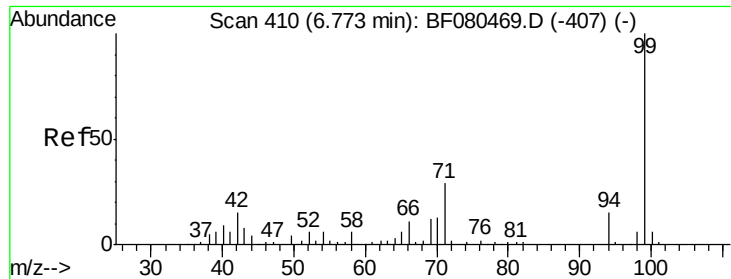


#5

2-Fluorophenol
Concen: 89.31 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:112 Resp: 150752
Ion Ratio Lower Upper
112 100
64 67.0 52.6 79.0
63 33.3 25.9 38.9





#7

Phenol-d6

Concen: 93.89 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

Instrument :

BNA_F

ClientSampleId :

TP-8D12

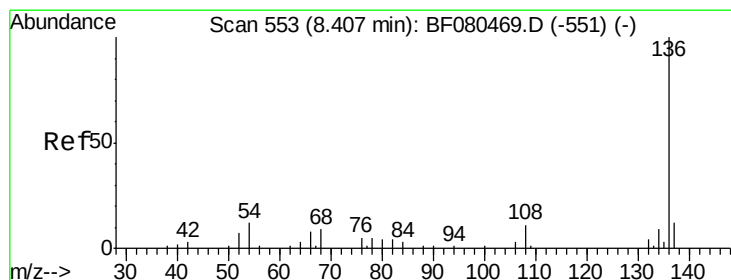
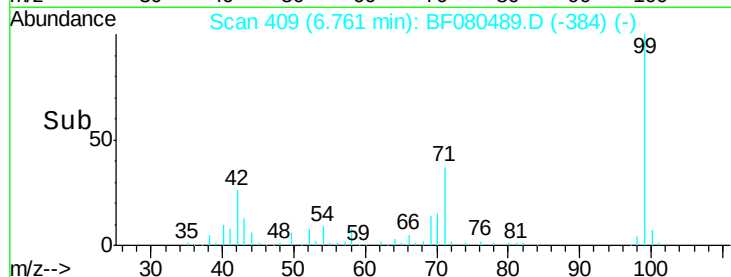
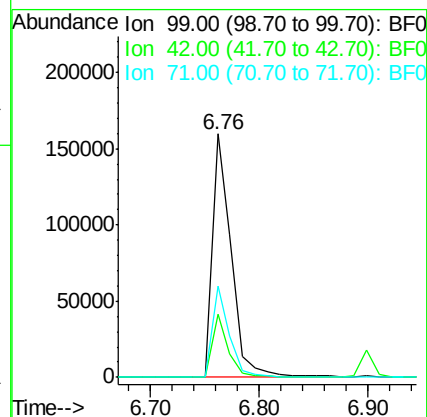
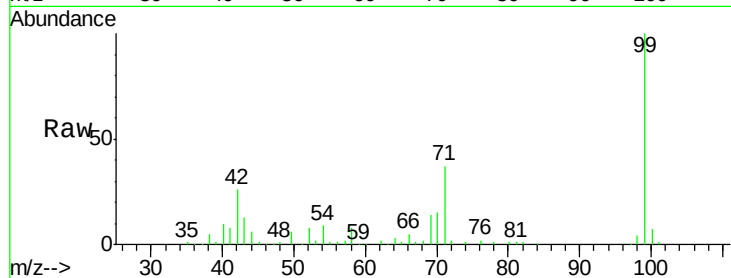
Tgt Ion: 99 Resp: 193932

Ion Ratio Lower Upper

99 100

42 26.1 12.4 18.6#

71 37.4 22.9 34.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

Tgt Ion: 136 Resp: 117165

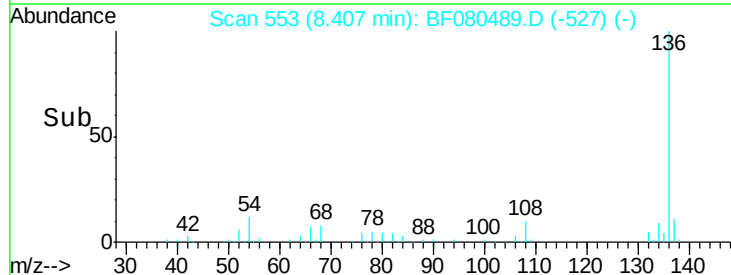
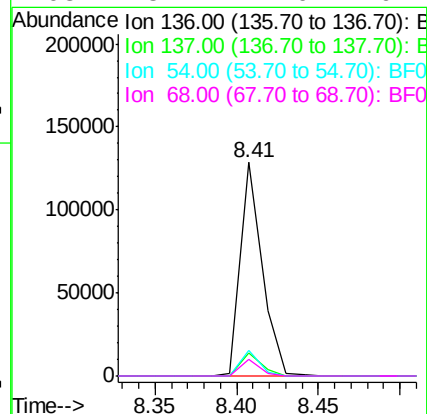
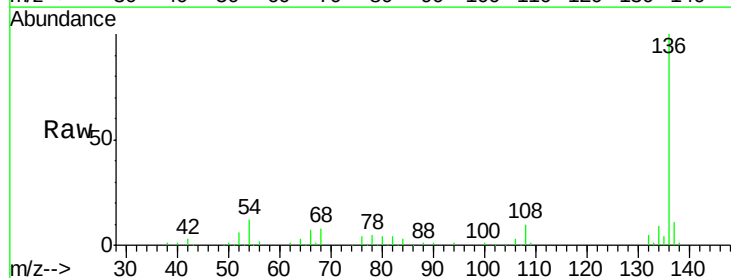
Ion Ratio Lower Upper

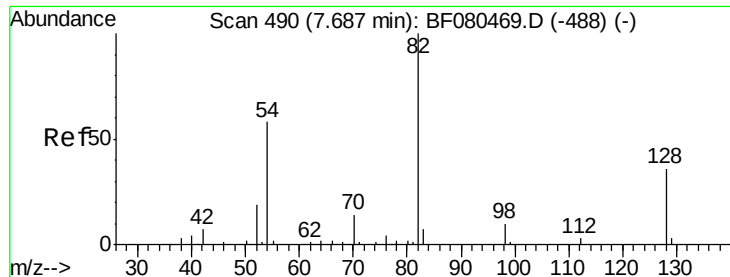
136 100

137 10.9 9.5 14.3

54 11.8 9.8 14.8

68 8.1 7.0 10.4

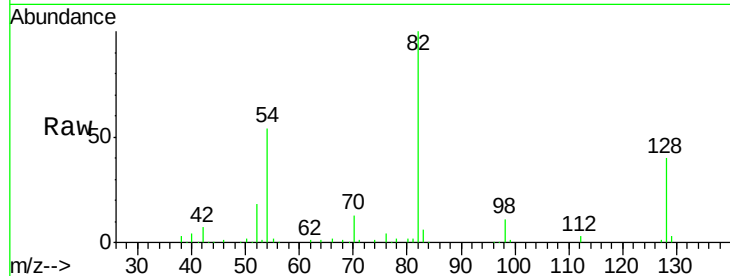




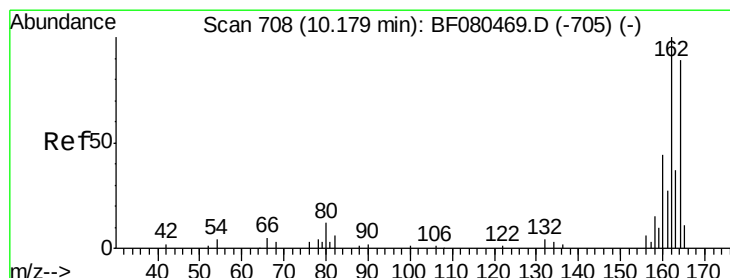
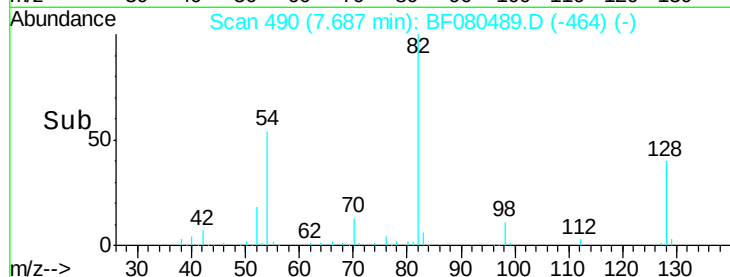
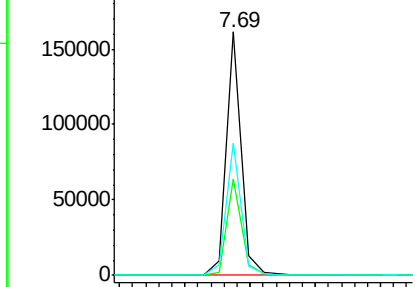
#23
 Nitrobenzene-d5
 Concen: 60.45 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080489.D
 Acq: 15 Jul 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.0	43.4
54	54.2	46.4	69.6

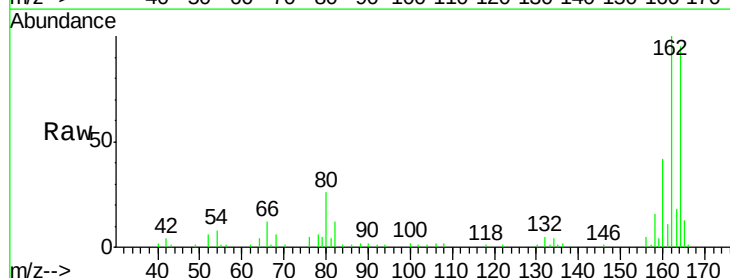


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

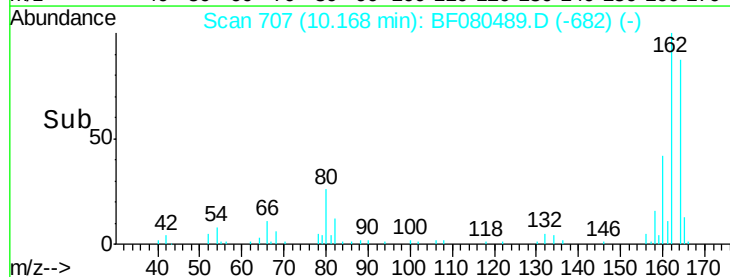
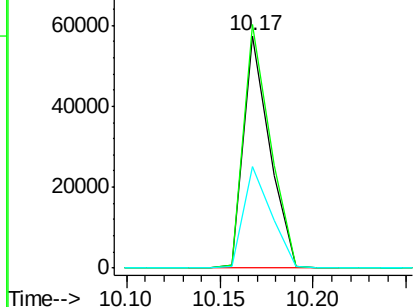


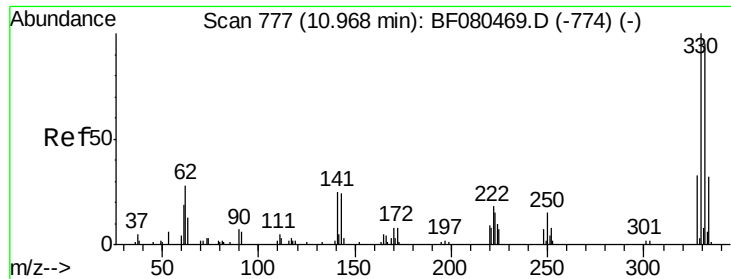
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080489.D
 Acq: 15 Jul 2015 13:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	89.8	134.8
160	44.0	39.5	59.3



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

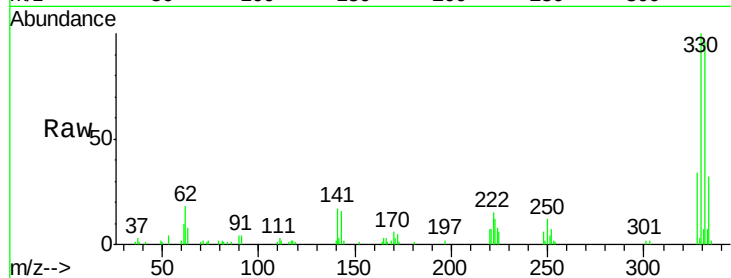




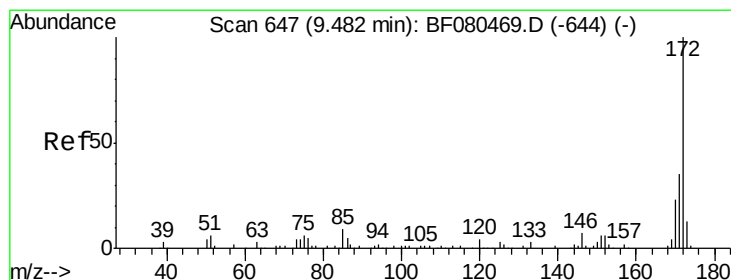
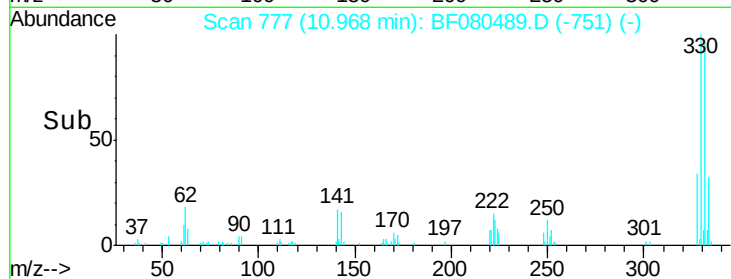
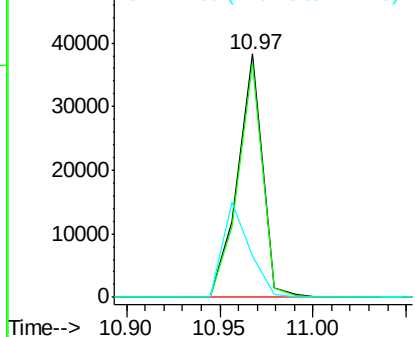
#41
 2,4,6-Tribromophenol
 Concen: 67.58 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080489.D
 Acq: 15 Jul 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D12

Tgt Ion:330 Resp: 35666
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 41.9 29.8 44.6

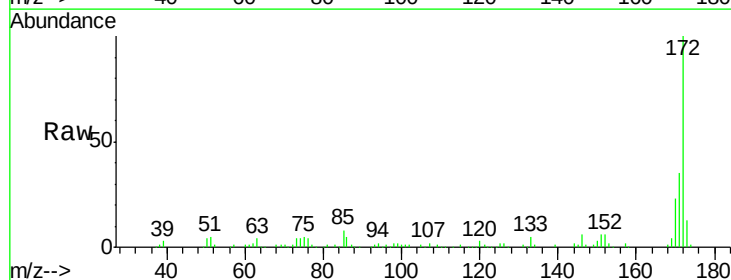


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

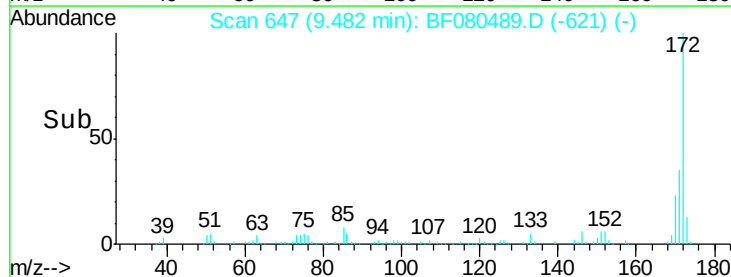
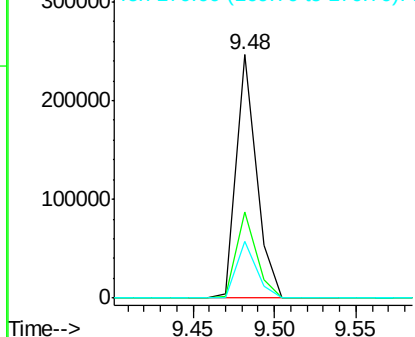


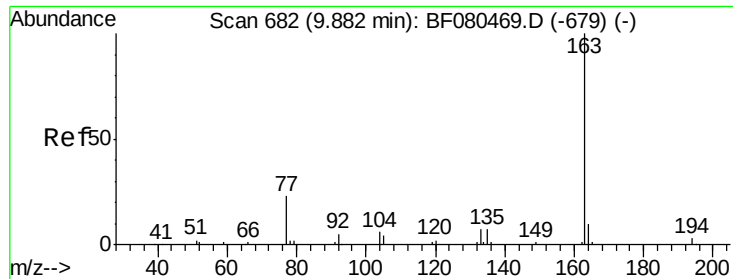
#44
 2-Fluorobiphenyl
 Concen: 51.40 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080489.D
 Acq: 15 Jul 2015 13:29

Tgt Ion:172 Resp: 209443
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.9 41.9
 170 23.4 18.5 27.7



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

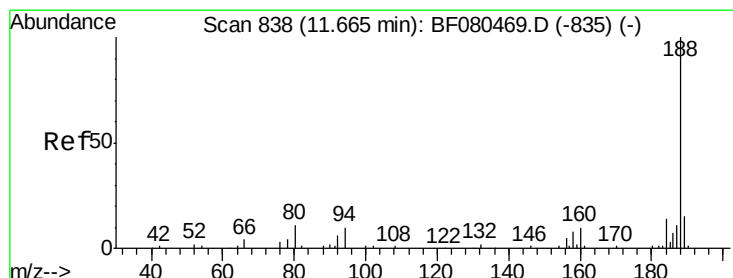
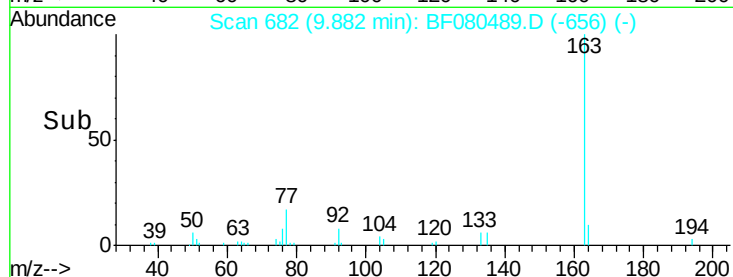
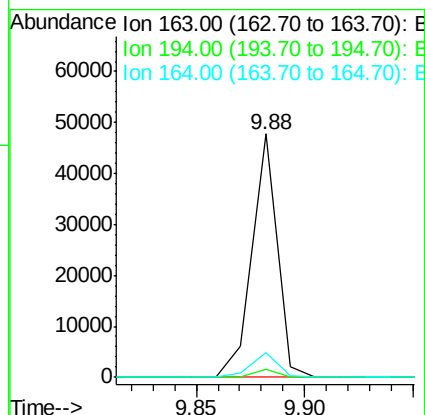
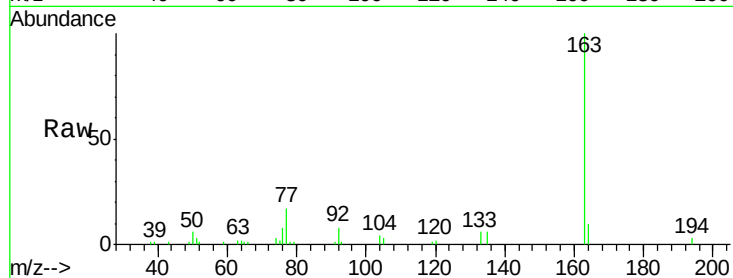




#49
Dimethylphthalate
Concen: 8.69 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

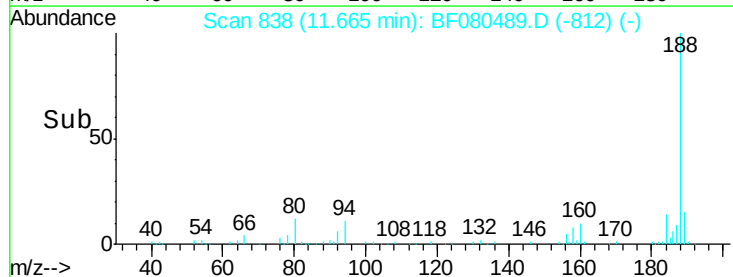
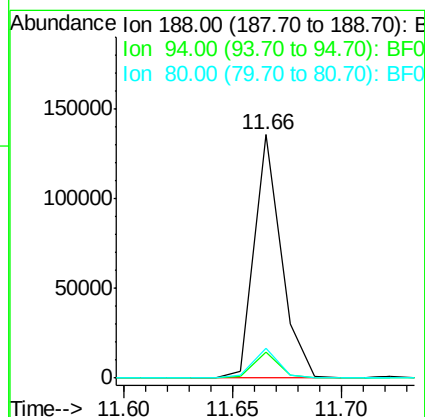
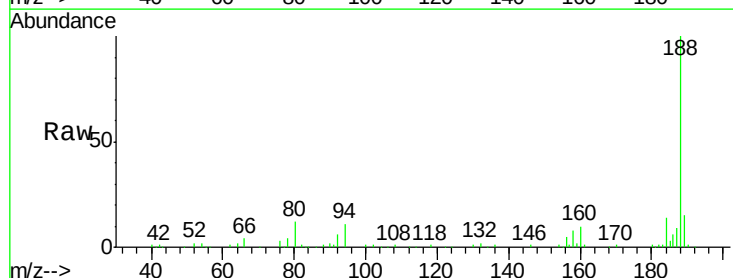
Instrument :
BNA_F
ClientSampleId :
TP-8D12

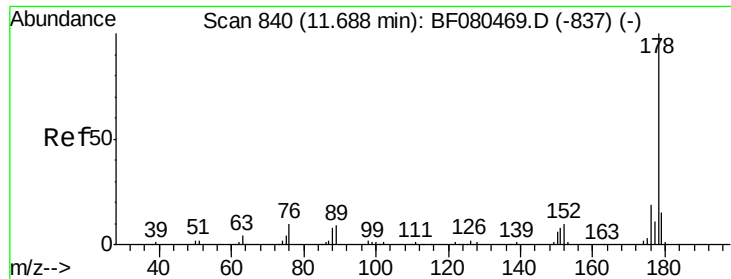
Tgt Ion:163 Resp: 38403
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.2 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:188 Resp: 117356
Ion Ratio Lower Upper
188 100
94 10.8 7.7 11.5
80 12.4 8.8 13.2

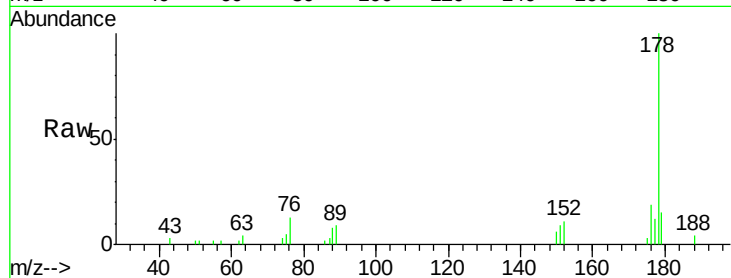




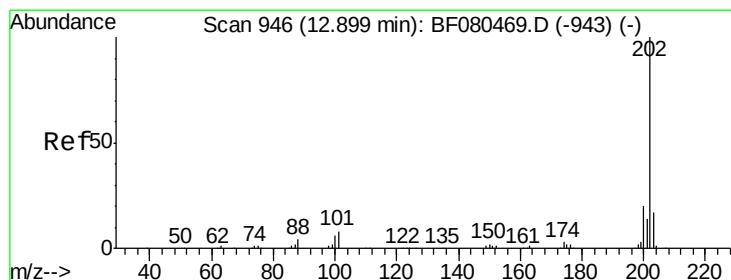
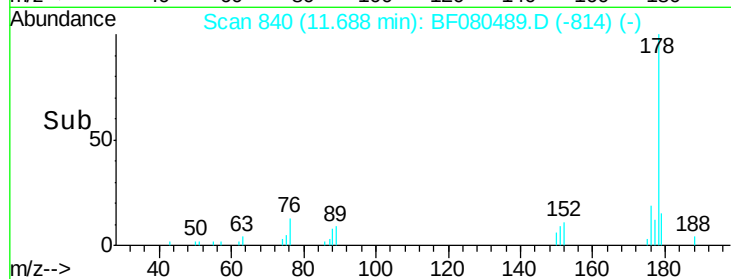
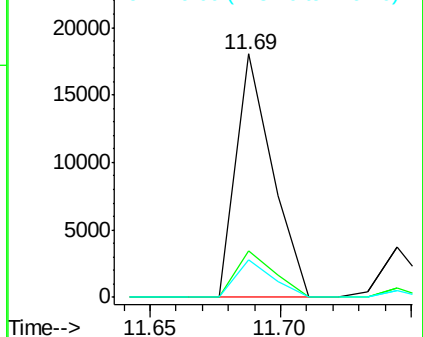
#70
Phenanthrene
Concen: 2.57 ng
RT: 11.69 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Instrument :
BNA_F
ClientSampleId :
TP-8D12

Tgt Ion:178 Resp: 17529
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 11.8 17.6

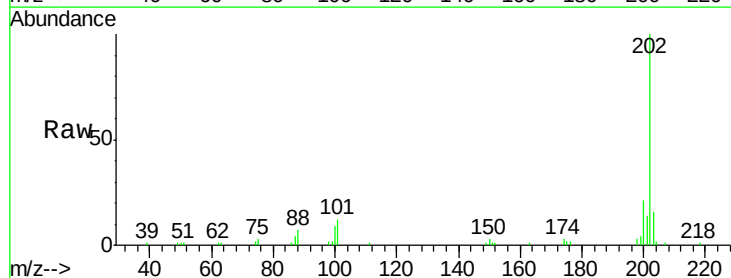


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

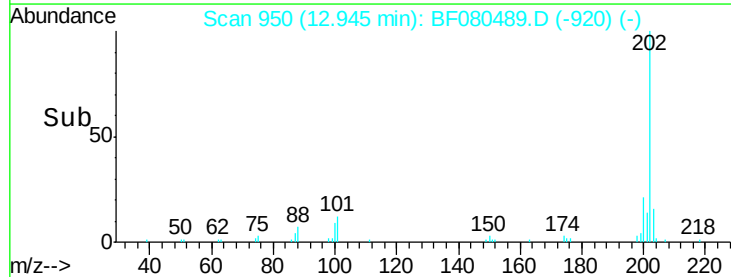
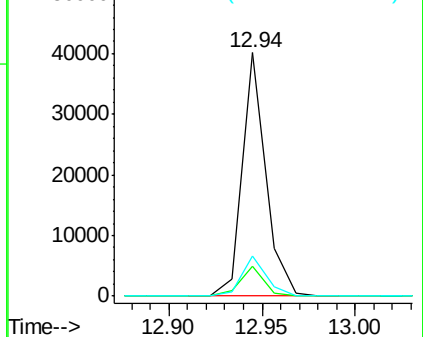


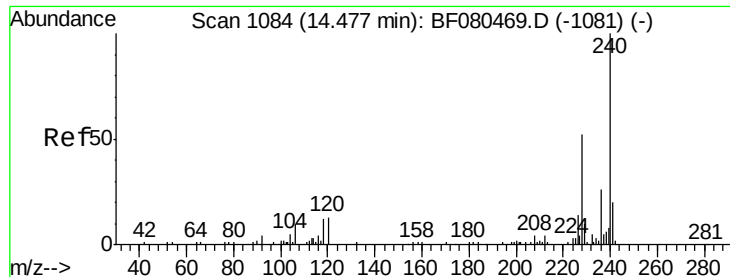
#74
Fluoranthene
Concen: 5.24 ng
RT: 12.94 min Scan# 950
Delta R.T. 0.05 min
Lab File: BF080489.D
Acq: 15 Jul 2015 13:29

Tgt Ion:202 Resp: 35227
Ion Ratio Lower Upper
202 100
101 12.0 0.0 27.9
203 16.4 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.63 min Scan# 1097

Delta R.T. 0.15 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

Instrument :

BNA_F

ClientSampleId :

TP-8D12

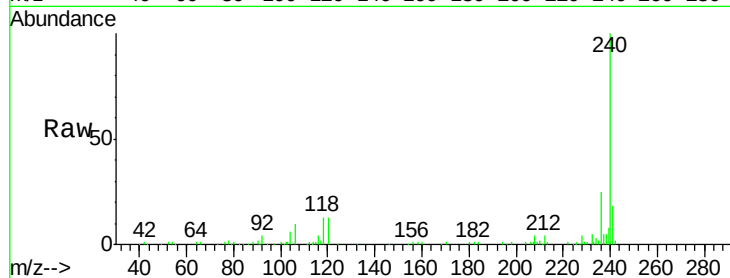
Tgt Ion:240 Resp: 122764

Ion Ratio Lower Upper

240 100

120 13.4 10.2 15.4

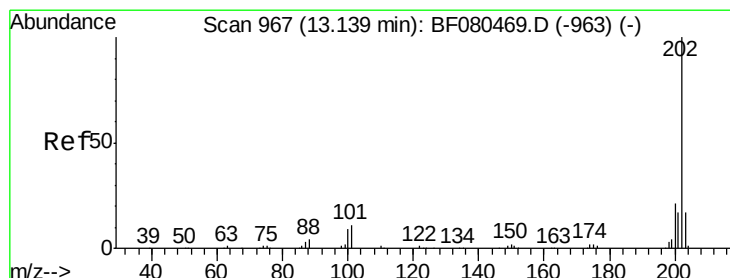
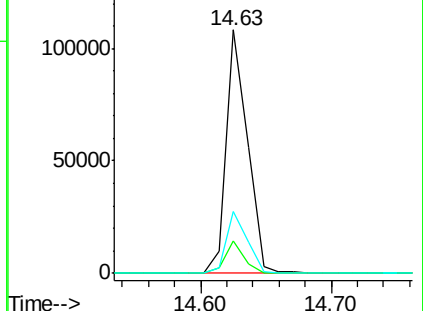
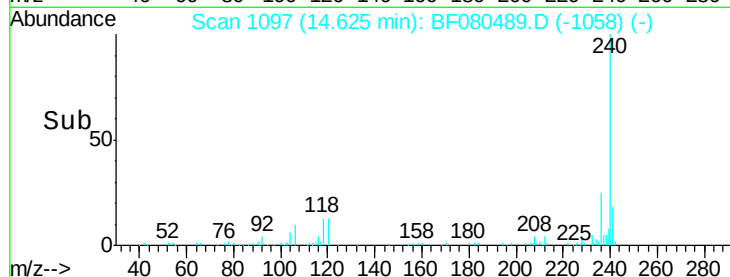
236 25.3 20.6 30.8



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



#77

Pyrene

Concen: 3.58 ng

RT: 13.20 min Scan# 972

Delta R.T. 0.06 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

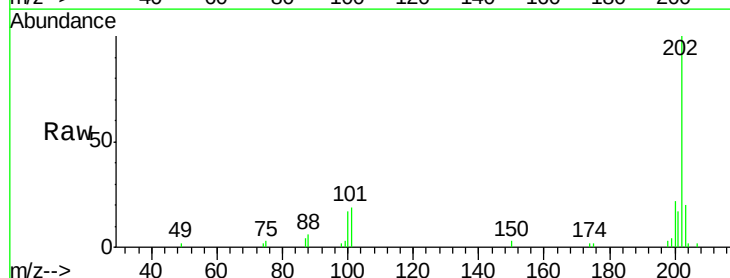
Tgt Ion:202 Resp: 25838

Ion Ratio Lower Upper

202 100

200 22.3 16.6 24.8

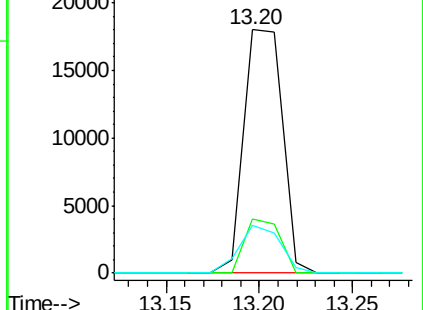
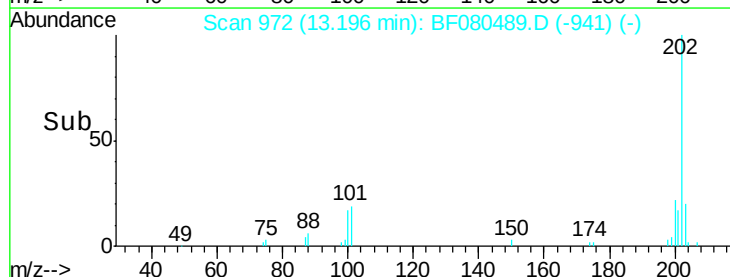
203 19.5 13.8 20.6

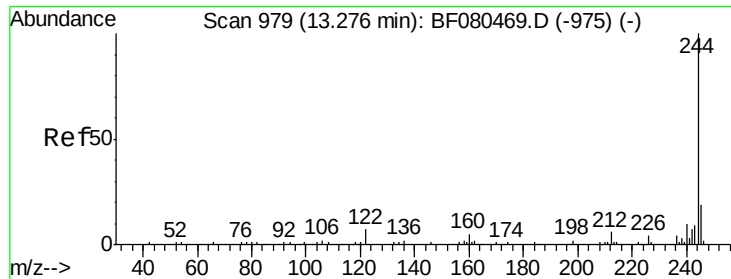


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 37.84 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.07 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

Instrument :

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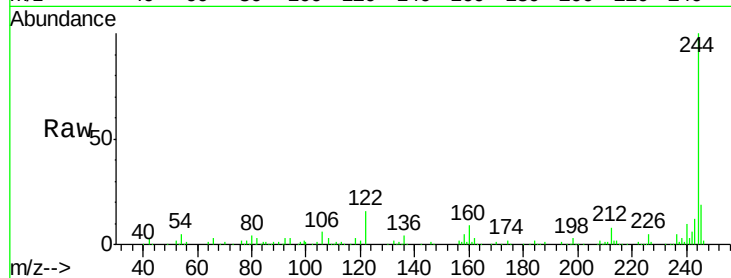
Tgt Ion:244 Resp: 192699

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

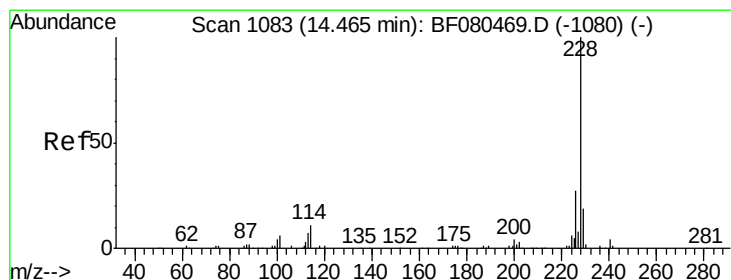
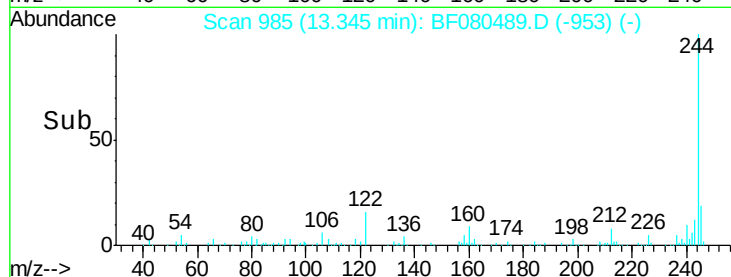
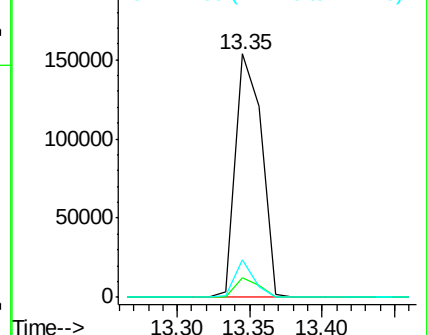
122 15.6 5.2 7.8#



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



#80

Benzo(a)anthracene

Concen: 2.20 ng

RT: 14.61 min Scan# 1096

Delta R.T. 0.15 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

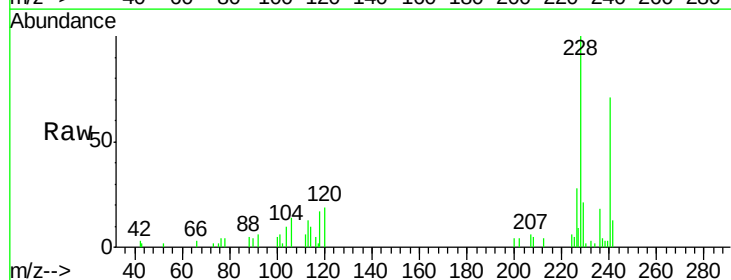
Tgt Ion:228 Resp: 15742

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

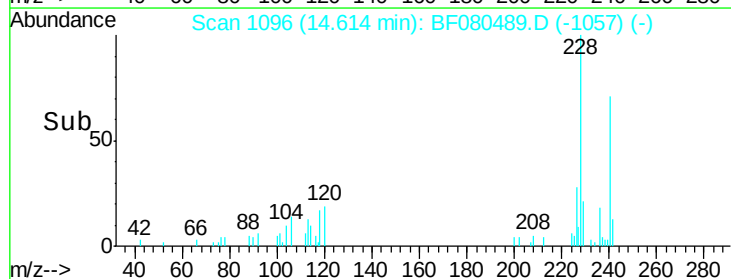
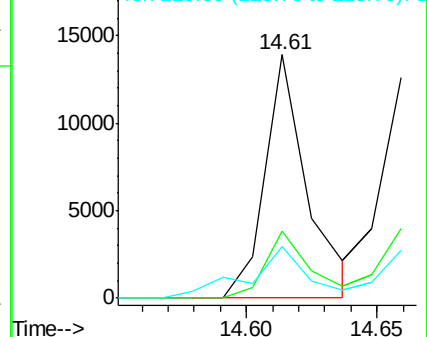
229 21.0 15.3 22.9

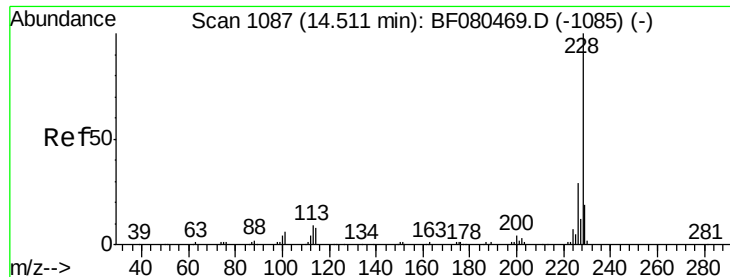


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.23 ng

RT: 14.66 min Scan# 1100

Delta R.T. 0.15 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

Instrument :

BNA_F

ClientSampleId :

TP-8D12

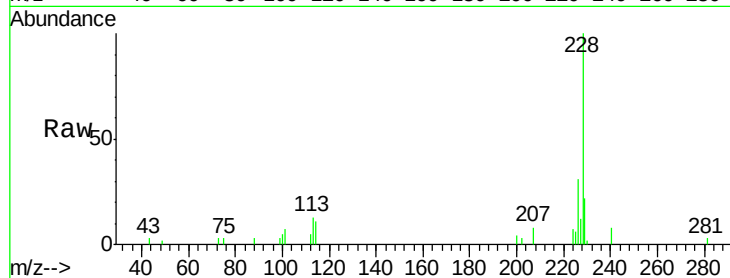
Tgt Ion:228 Resp: 15265

Ion Ratio Lower Upper

228 100

226 31.2 23.1 34.7

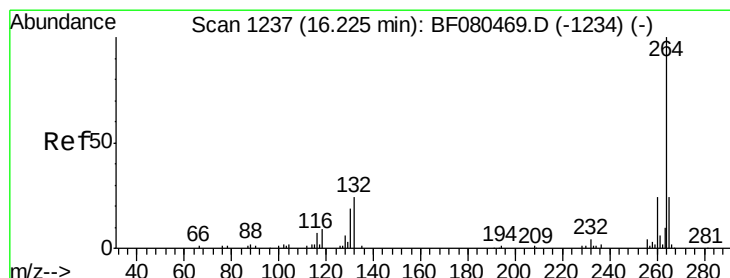
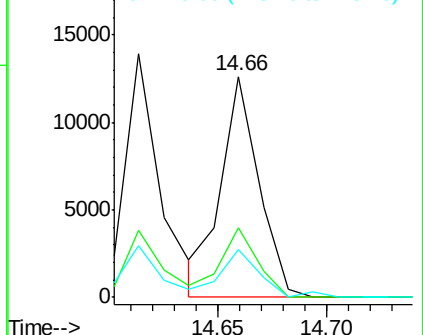
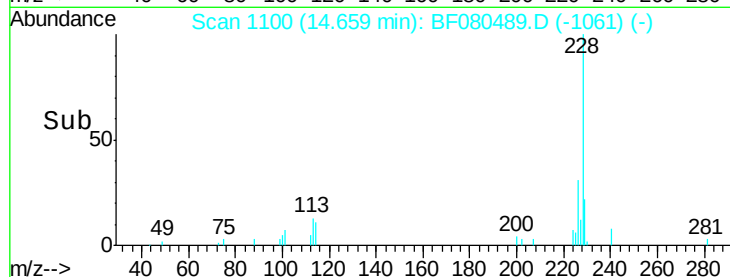
229 21.7 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.48 min Scan# 1259

Delta R.T. 0.25 min

Lab File: BF080489.D

Acq: 15 Jul 2015 13:29

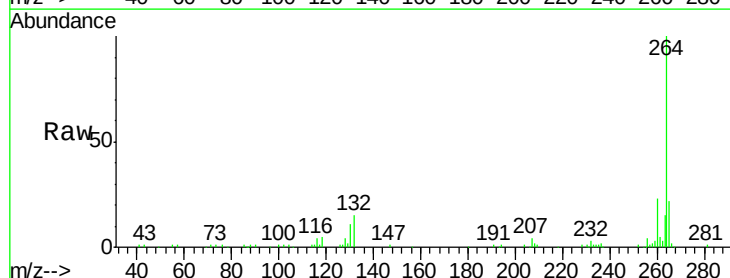
Tgt Ion:264 Resp: 119540

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.6

265 21.7 18.9 28.3



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

