

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
 Data File : BF084550.D
 Acq On : 19 Jan 2016 14:20
 Operator : SJ/UM
 Sample : PB87864BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BL

Quant Time: Jan 20 02:53:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	212076	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	882121	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	435094	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	804658	20.00	ng	-0.05
75) Chrysene-d12	13.95	240	778338	20.00	ng	-0.05
86) Perylene-d12	15.36	264	542768	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1481388	112.98	ng	-0.03
7) Phenol-d6	6.44	99	2187087	132.82	ng	-0.03
23) Nitrobenzene-d5	7.36	82	1163847	73.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.62	330	564297	128.46	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	2329615	94.93	ng	-0.03
78) Terphenyl-d14	12.91	244	2383739	68.36	ng	-0.03

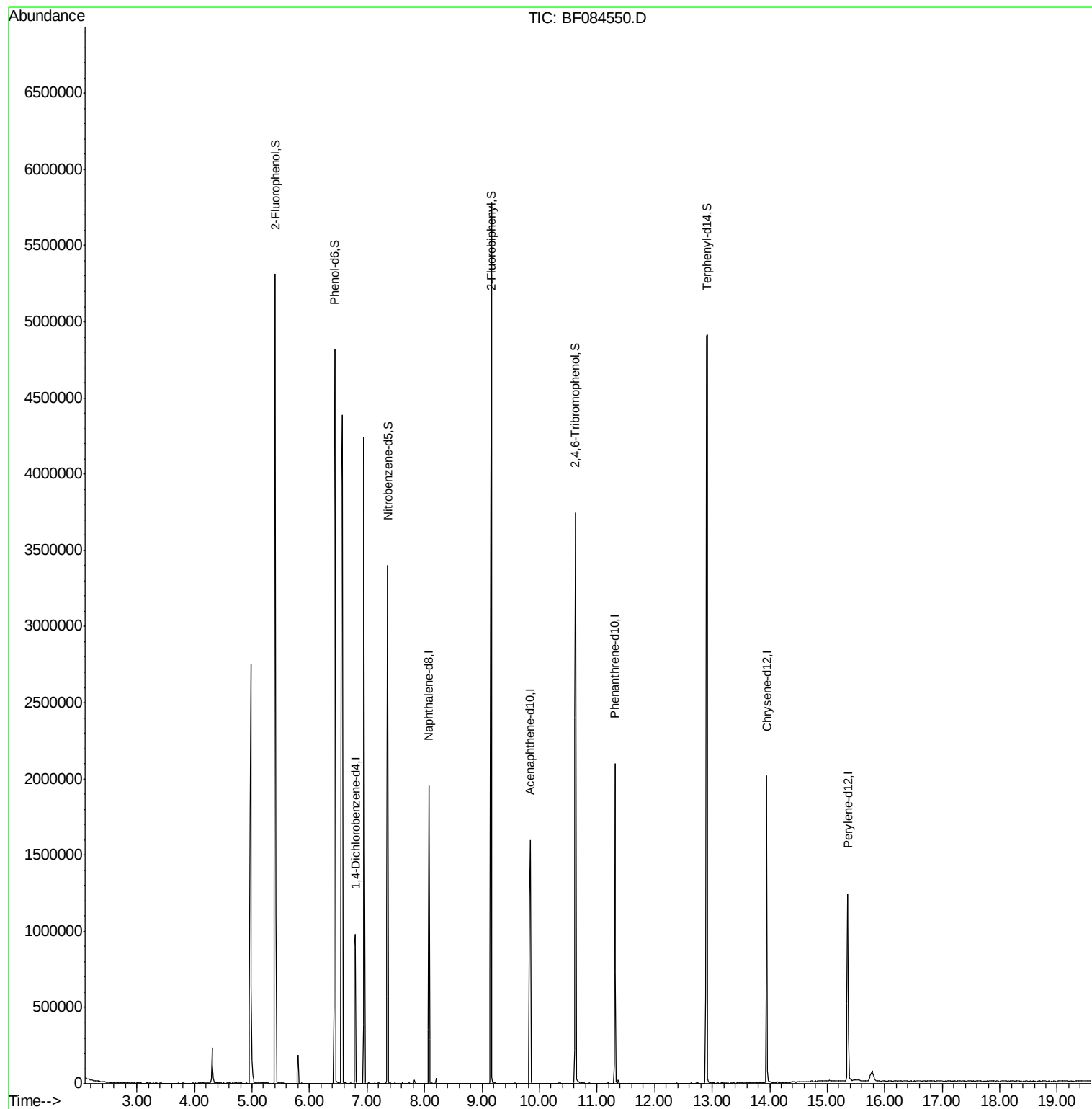
Target Compounds Qvalue

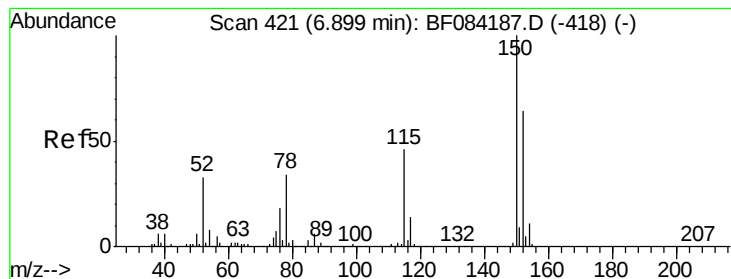
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF084550.D

Acq: 19 Jan 2016 14:20

Instrument :

BNA_F

ClientSampleId :

PB87864BL

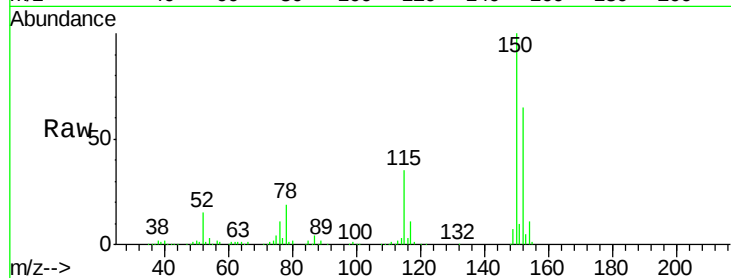
Tot Ion:152 Resp: 212076

Ion Ratio Lower Upper

152 100

150 154.6 123.0 184.4

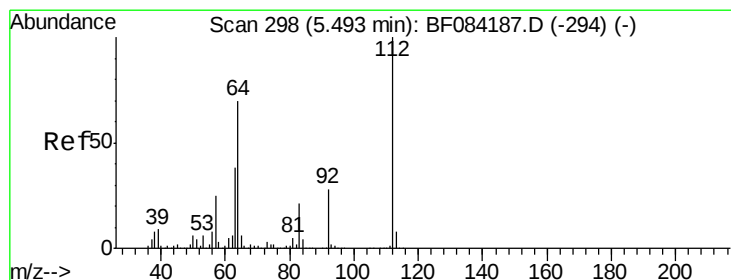
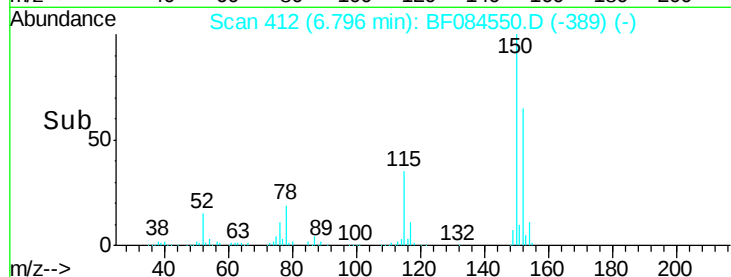
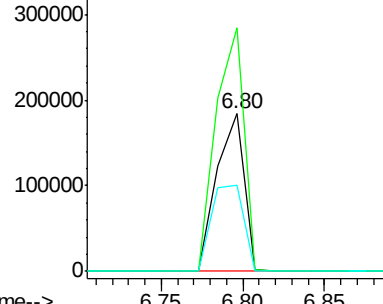
115 54.7 51.4 77.2



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: 112.98 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF084550.D

Acq: 19 Jan 2016 14:20

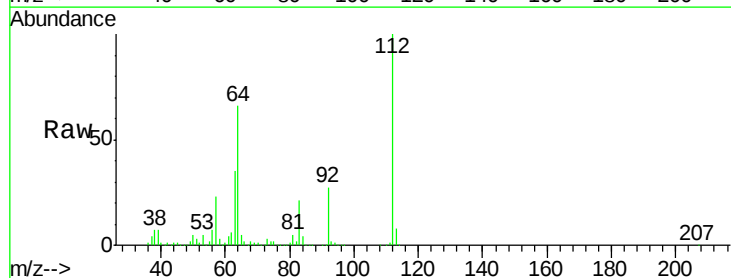
Tgt Ion:112 Resp: 1481388

Ion Ratio Lower Upper

112 100

64 66.2 36.6 55.0#

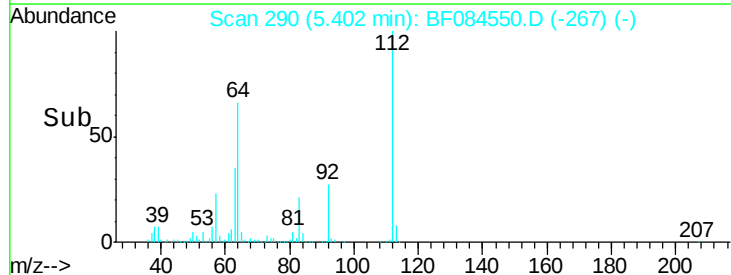
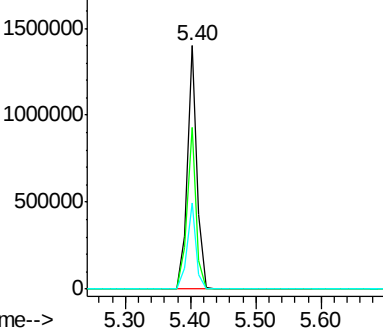
63 35.4 19.4 29.0#

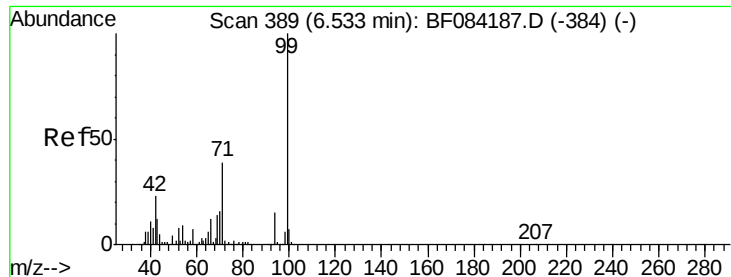


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.82 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084550.D

Acq: 19 Jan 2016 14:20

Instrument :

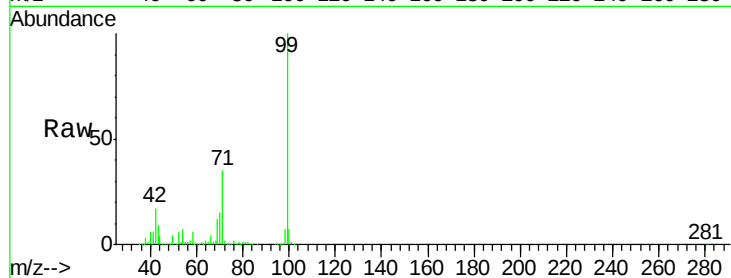
BNA_F

ClientSampleId :

PB87864BL

Tot Ion: 99 Resp: 2187087

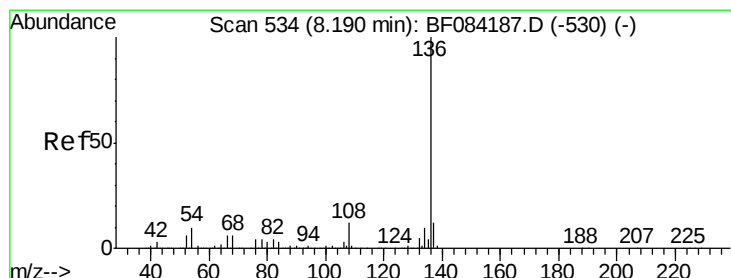
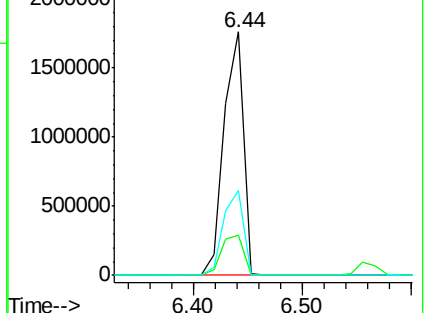
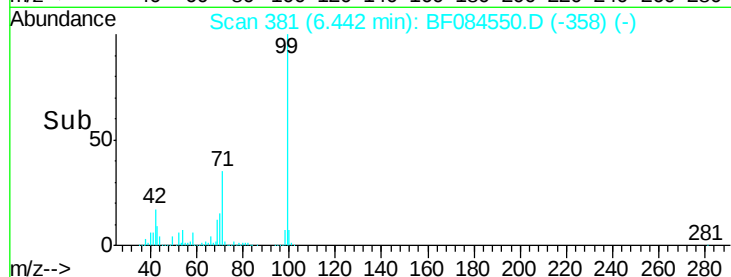
Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	34.9	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

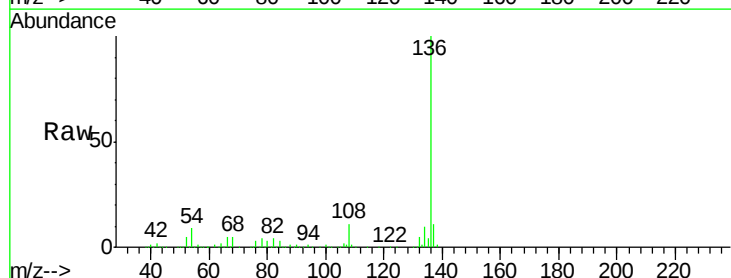
Delta R.T. -0.05 min

Lab File: BF084550.D

Acq: 19 Jan 2016 14:20

Tgt Ion: 136 Resp: 882121

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.3	5.8	8.8#
68	5.2	4.2	6.2

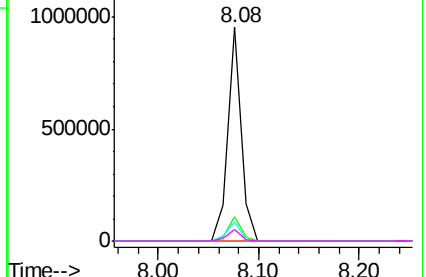
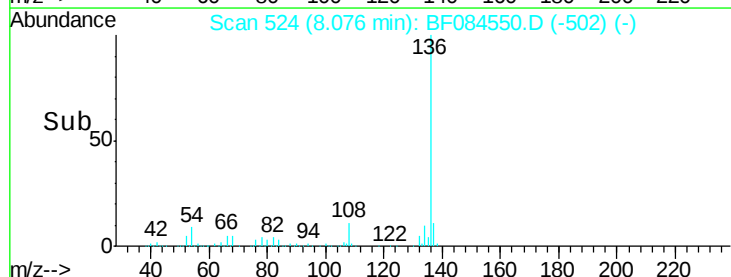


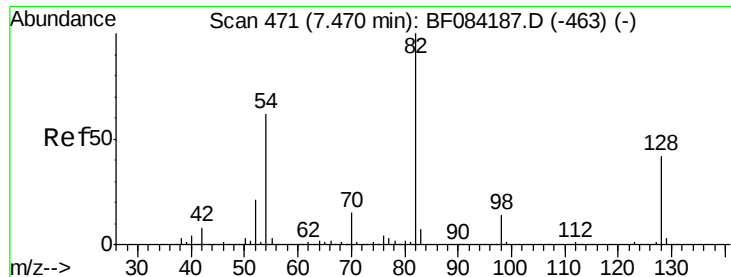
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



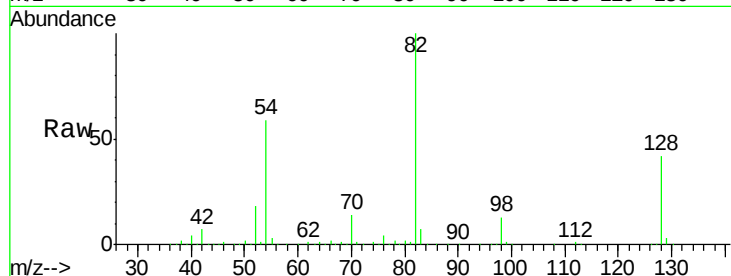


#23
 Nitrobenzene-d5
 Concen: 73.43 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.05 min
 Lab File: BF084550.D
 Acq: 19 Jan 2016 14:20

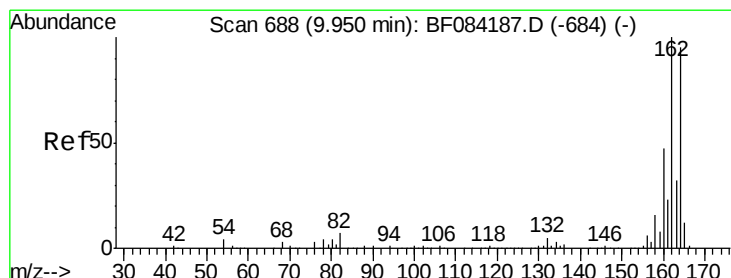
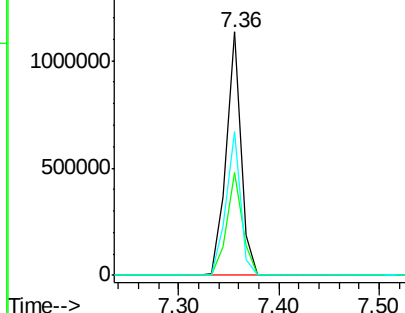
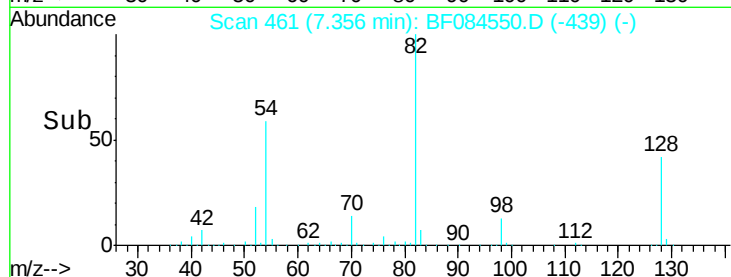
Instrument :
 BNA_F
 ClientSampleId :
 PB87864BL

Tot Ion: 82 Resp: 1163847

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	51.8
54	58.9	38.4	57.6



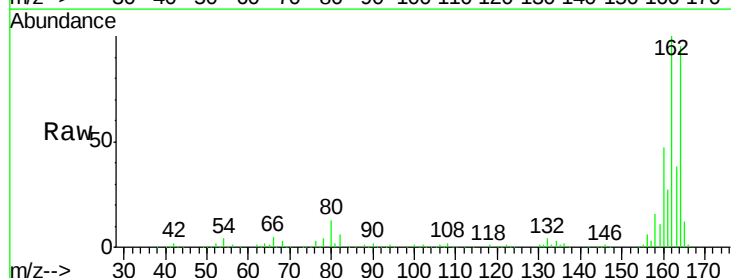
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



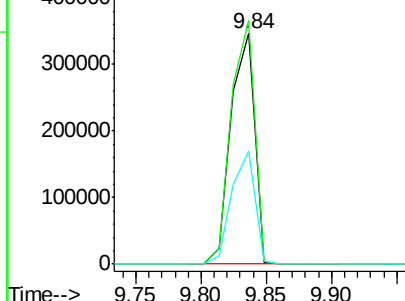
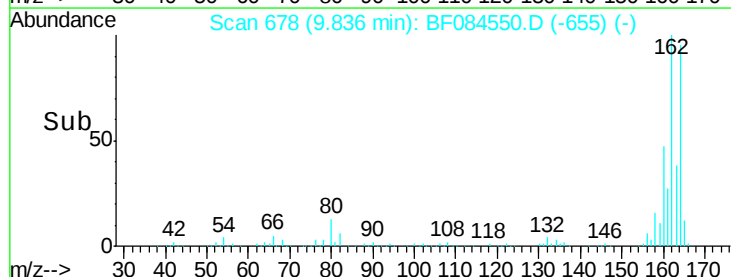
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF084550.D
 Acq: 19 Jan 2016 14:20

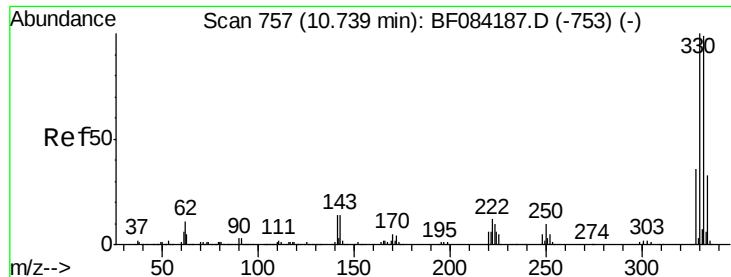
Tgt Ion:164 Resp: 435094

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.1	127.7
160	49.1	37.5	56.3



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

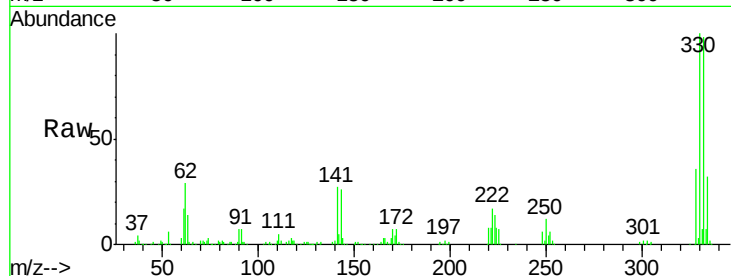




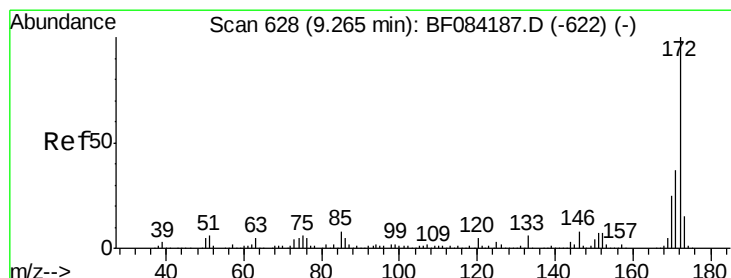
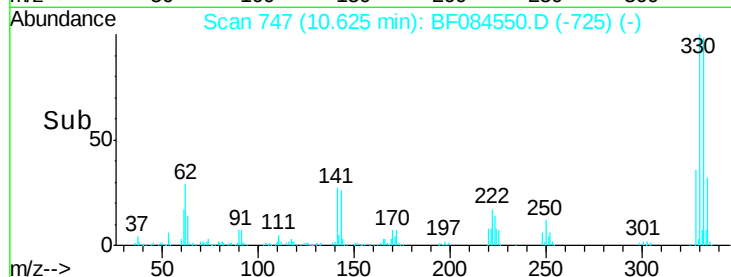
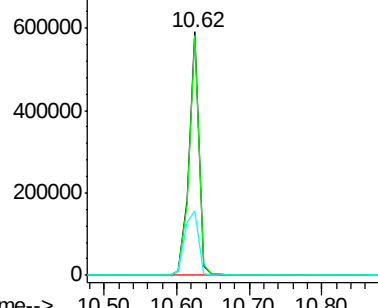
#41
 2,4,6-Tribromophenol
 Concen: 128.46 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084550.D
 Acq: 19 Jan 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	36.8	27.8	41.6

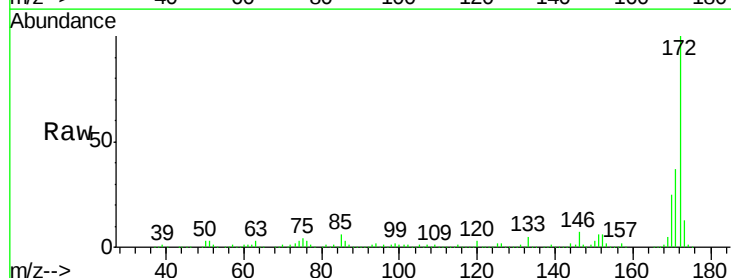


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

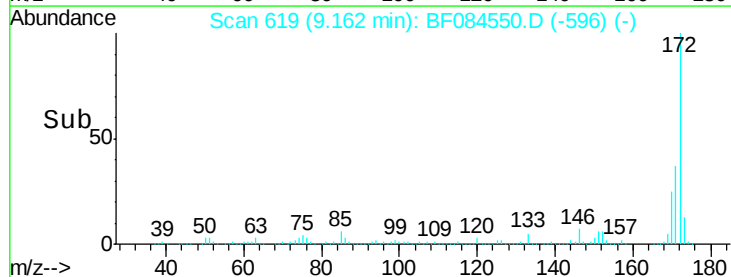
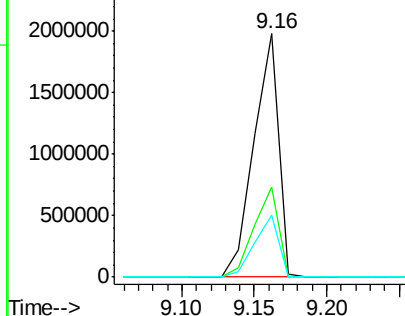


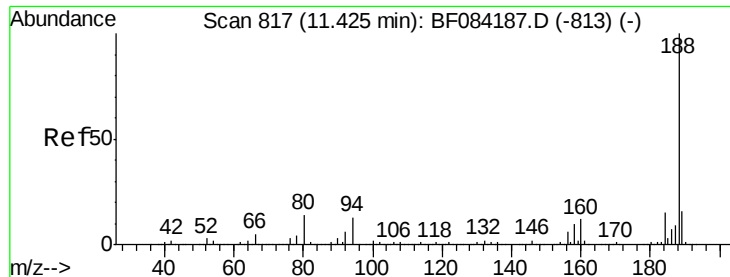
#44
 2-Fluorobiphenyl
 Concen: 94.93 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084550.D
 Acq: 19 Jan 2016 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	25.3	18.6	27.8



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

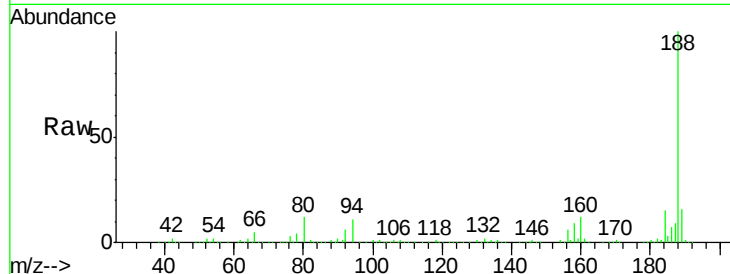




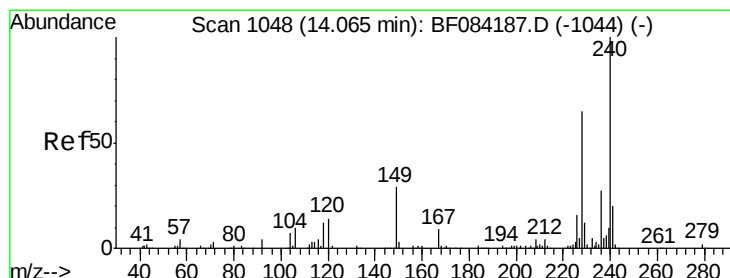
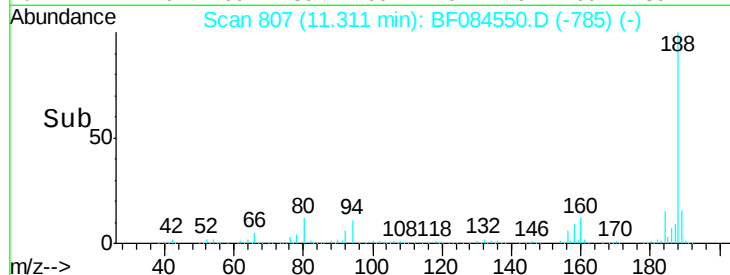
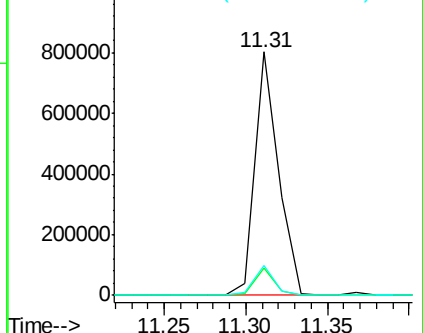
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF084550.D
Acq: 19 Jan 2016 14:20

Instrument :
BNA_F
ClientSampleId :
PB87864BL

Tot Ion:188 Resp: 804658
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.4
80 12.3 9.6 14.4

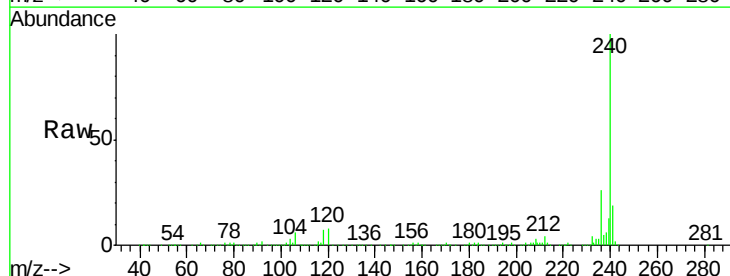


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

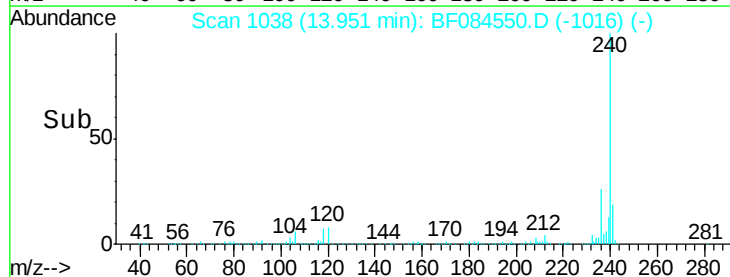
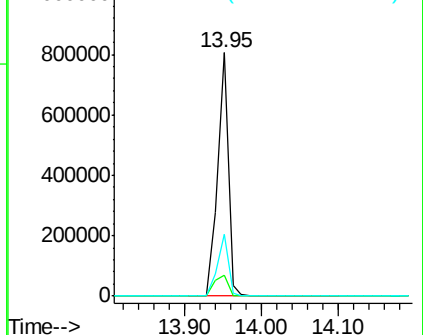


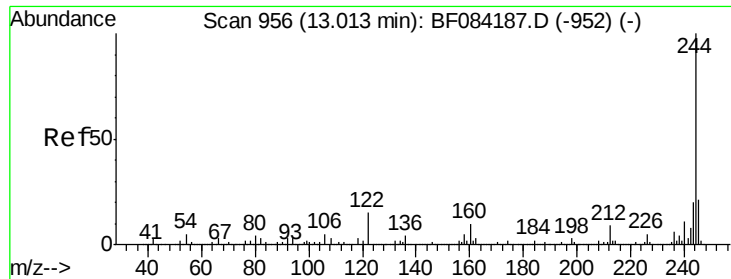
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF084550.D
Acq: 19 Jan 2016 14:20

Tgt Ion:240 Resp: 778338
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 25.6 20.6 31.0



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



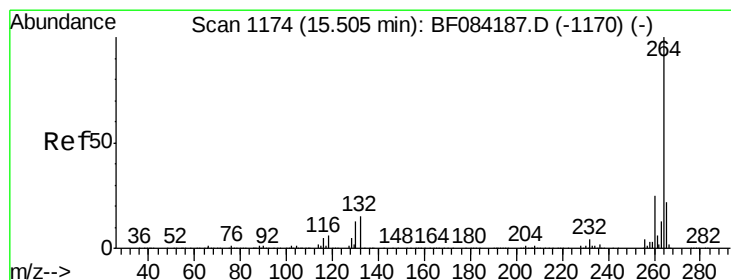
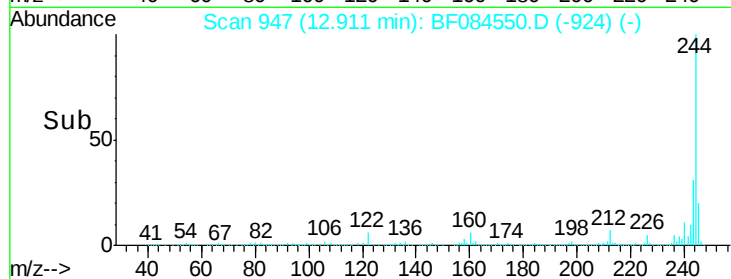
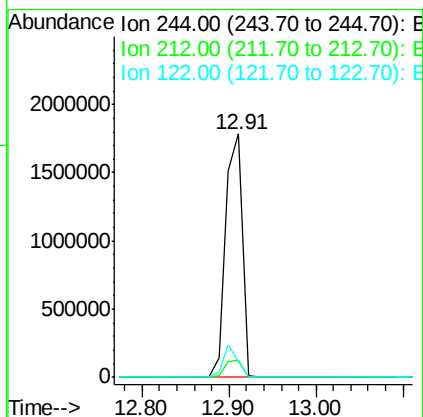
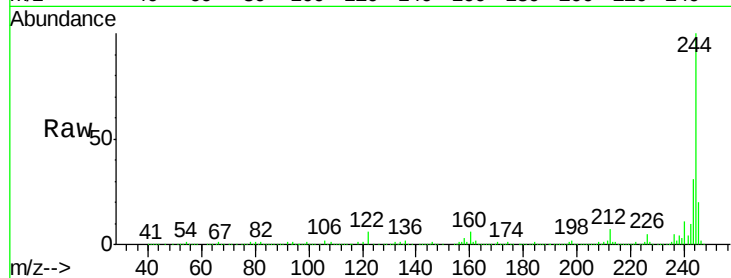


#78
 Terphenyl-d14
 Concen: 68.36 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF084550.D
 Acq: 19 Jan 2016 14:20

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BL

Tot Ion:244 Resp: 2383739

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	6.3	7.4	11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.06 min
 Lab File: BF084550.D
 Acq: 19 Jan 2016 14:20

Tgt Ion:264 Resp: 542768

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.5	17.8	26.6

