

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084233.D
 Acq On : 4 Jan 2016 12:36
 Operator : UM/SJ
 Sample : G4982-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Quant Time: Jan 05 05:51:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

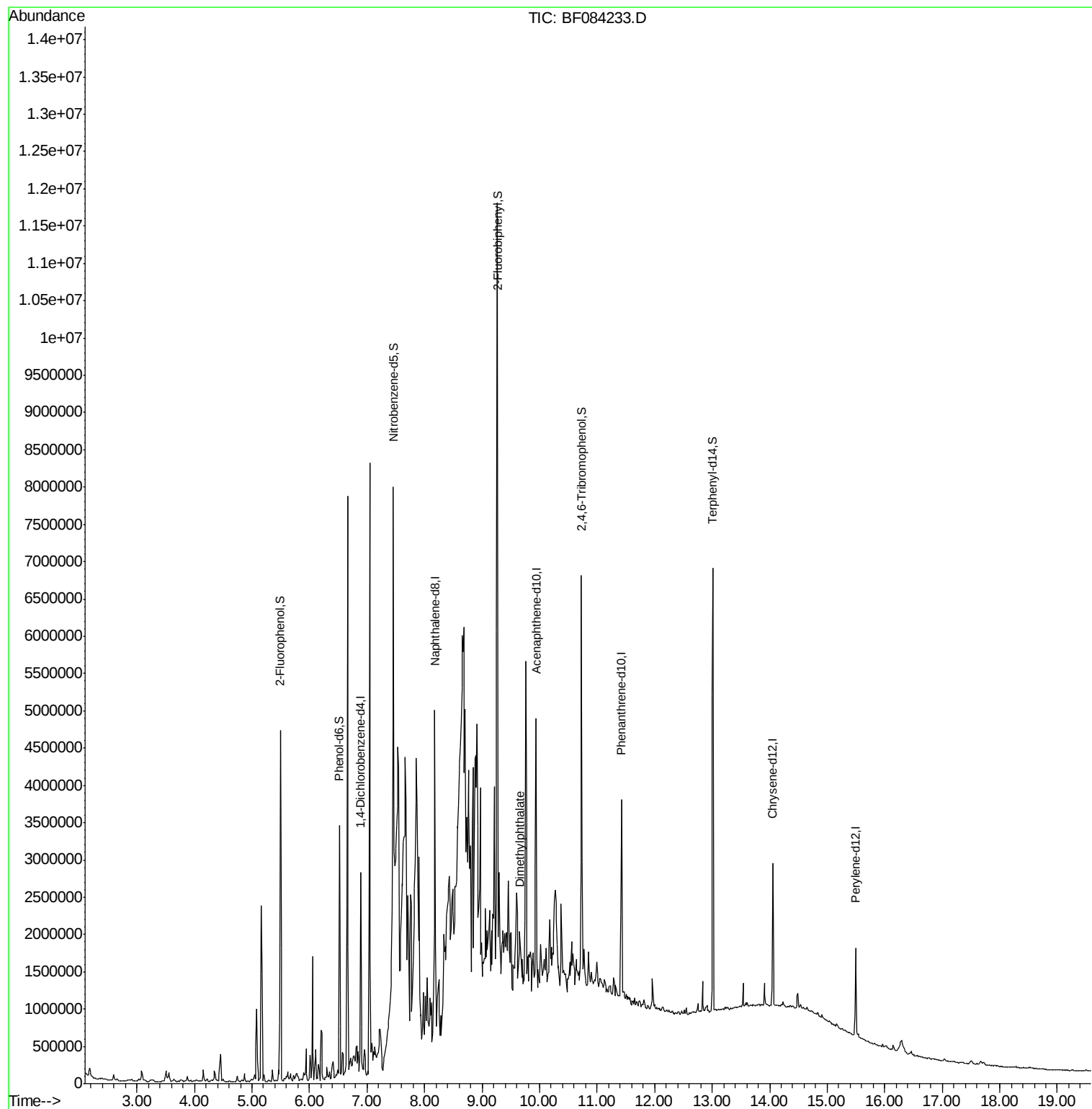
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	361857	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1381282	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	635570	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1059627	20.00	ng	0.00
75) Chrysene-d12	14.05	240	645246	20.00	ng	-0.01
86) Perylene-d12	15.49	264	646368	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1374464	61.44	ng	0.00
7) Phenol-d6	6.52	99	1056032	37.58	ng	-0.01
23) Nitrobenzene-d5	7.46	82	2250117	90.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	760199	118.47	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3432456	95.81	ng	0.00
78) Terphenyl-d14	13.01	244	2415583	83.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	164646	3.62	ng	Qvalue # 89

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

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Quant Time: Jan 05 05:51:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084233.D

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Instrument :

BNA_F

ClientSampleId :

S8-0535

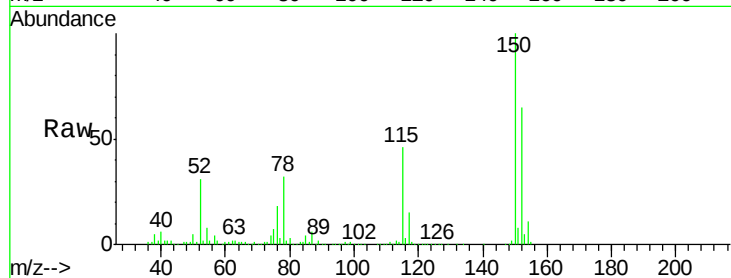
Tot Ion:152 Resp: 361857

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

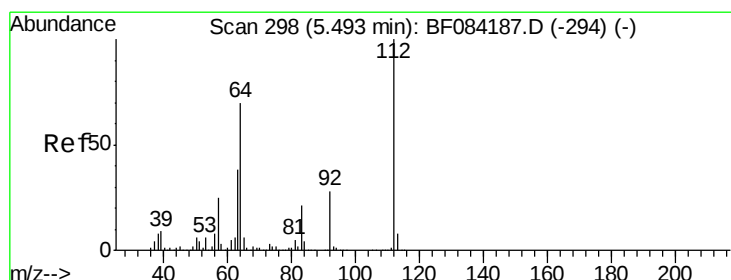
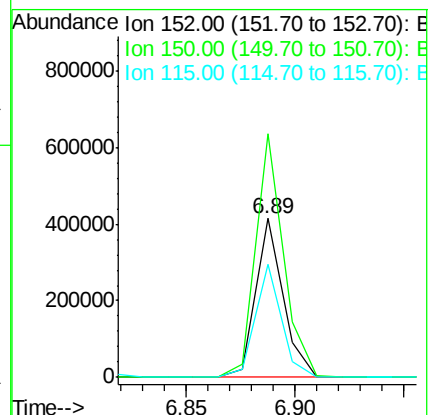
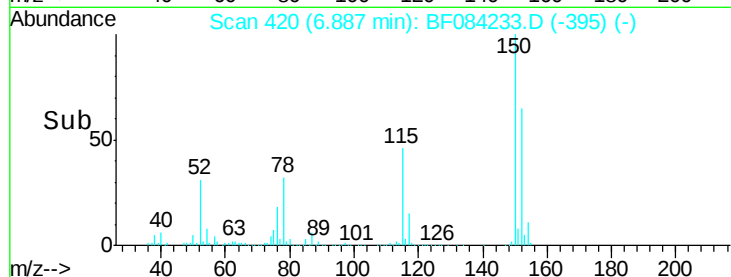
115 71.0 51.4 77.2



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: 61.44 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

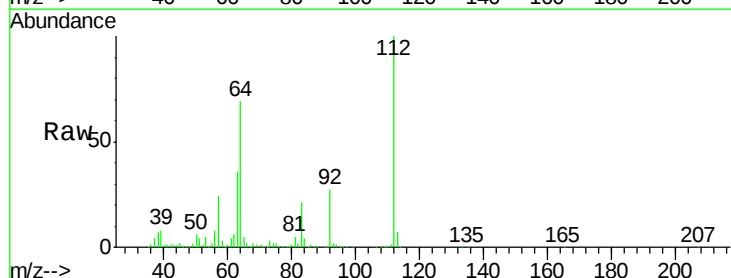
Tgt Ion:112 Resp: 1374464

Ion Ratio Lower Upper

112 100

64 68.7 36.6 55.0#

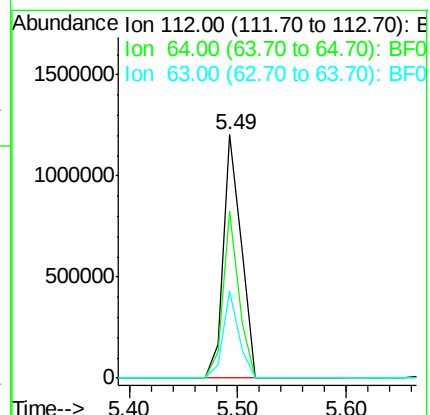
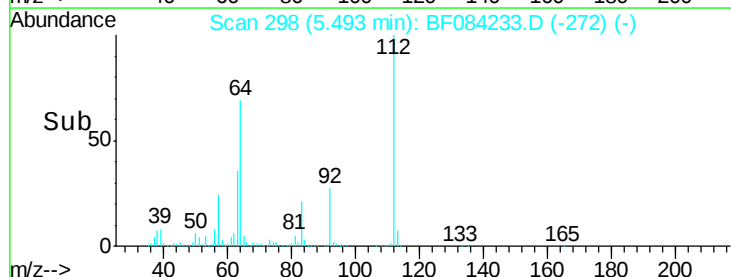
63 35.9 19.4 29.0#

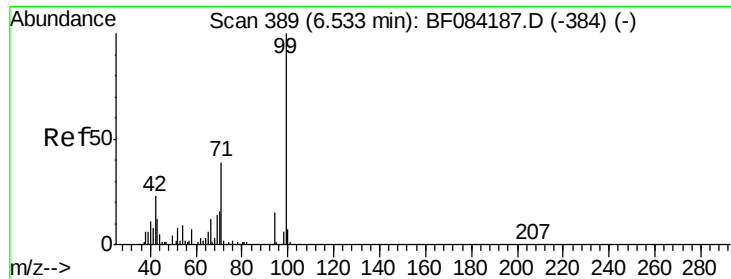


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.58 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Instrument :

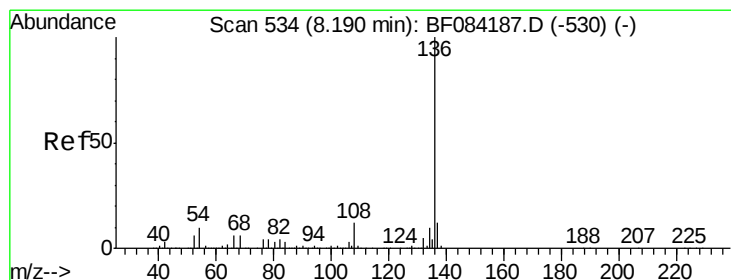
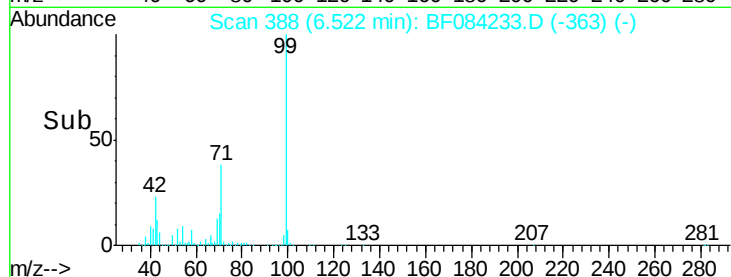
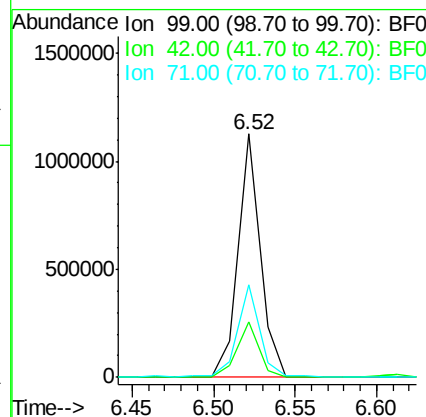
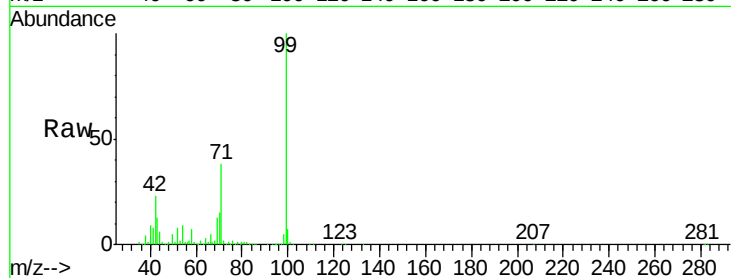
BNA_F

ClientSampleId :

S8-0535

Tot Ion: 99 Resp: 1056032

Ion	Ratio	Lower	Upper
99	100		
42	22.6	12.8	19.2#
71	37.9	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

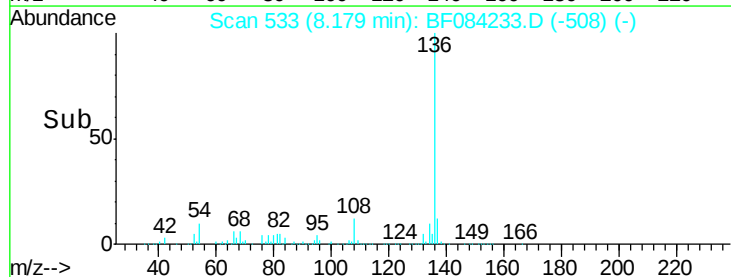
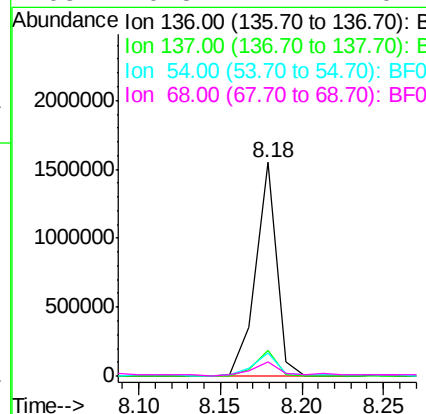
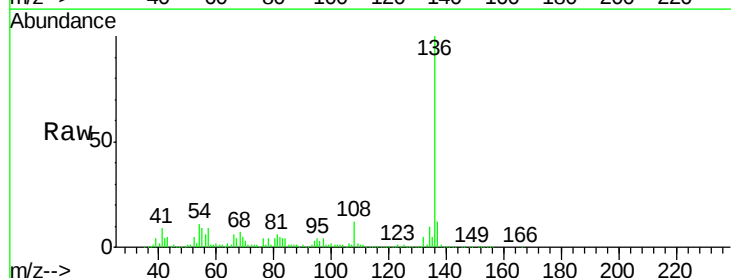
Delta R.T. -0.01 min

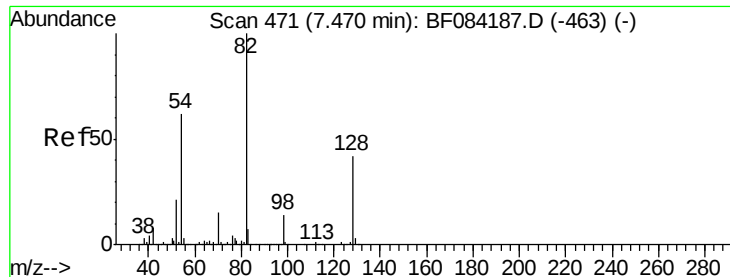
Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Tgt Ion: 136 Resp: 1381282

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	10.7	5.8	8.8#
68	6.8	4.2	6.2#

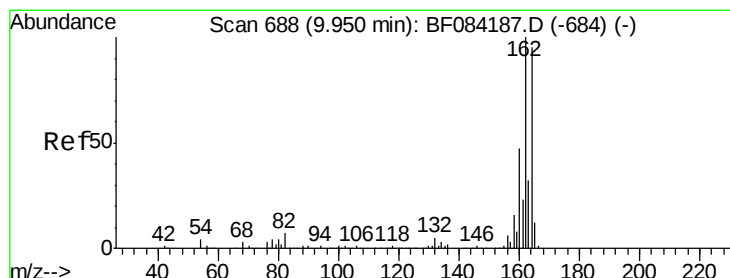
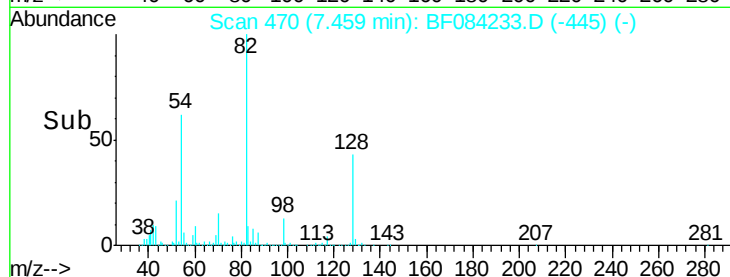
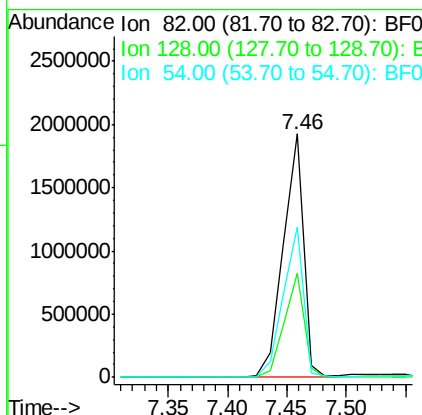
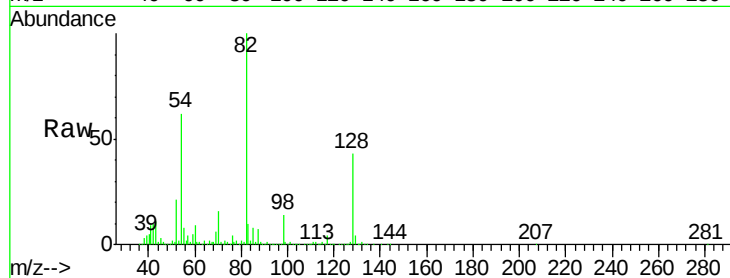




#23
 Nitrobenzene-d5
 Concen: 90.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

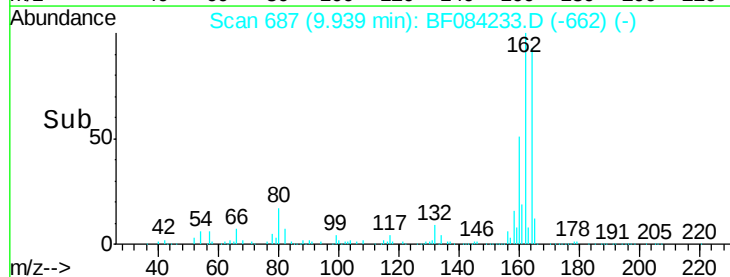
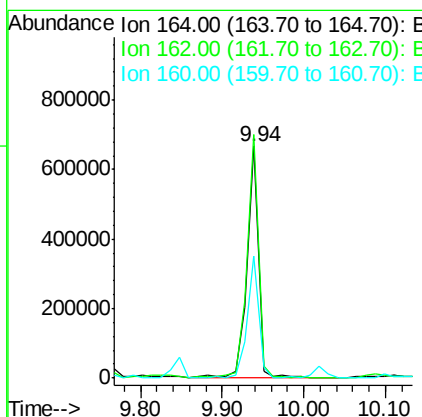
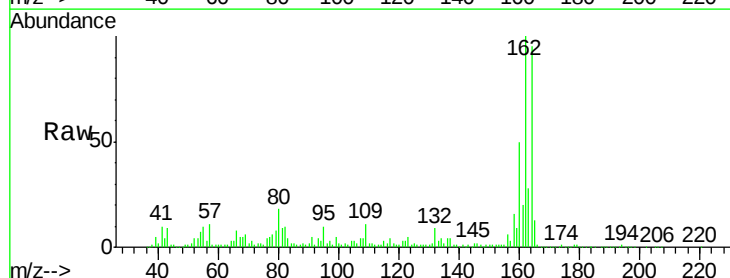
Instrument :
 BNA_F
 ClientSampled :
 S8-0535

Tot Ion: 82 Resp: 2250117
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 61.7 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Tgt Ion:164 Resp: 635570
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 52.8 37.5 56.3

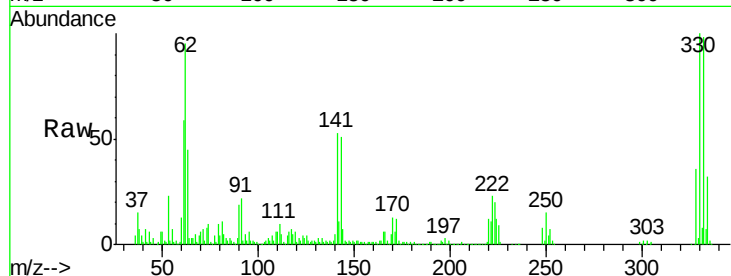




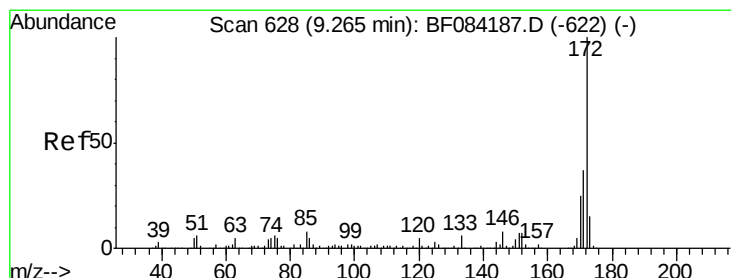
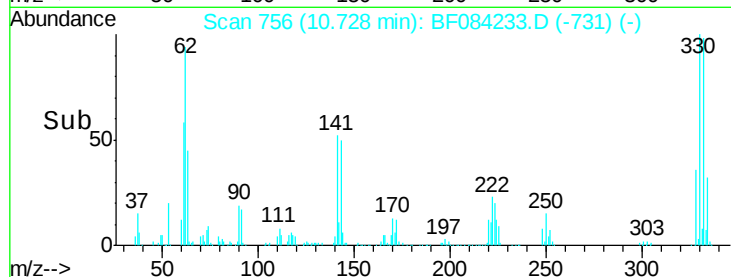
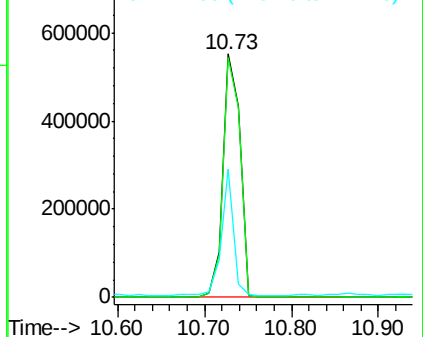
#41
 2,4,6-Tribromophenol
 Concen: 118.47 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Tot Ion:330 Resp: 760199
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 36.7 27.8 41.6

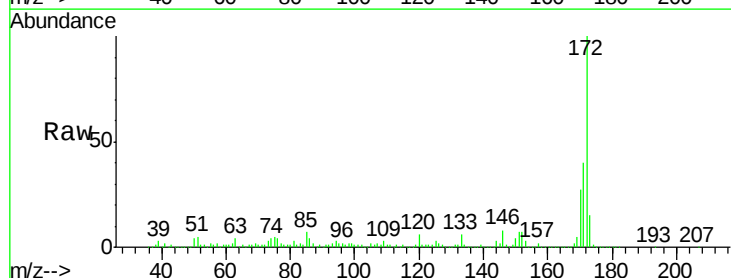


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

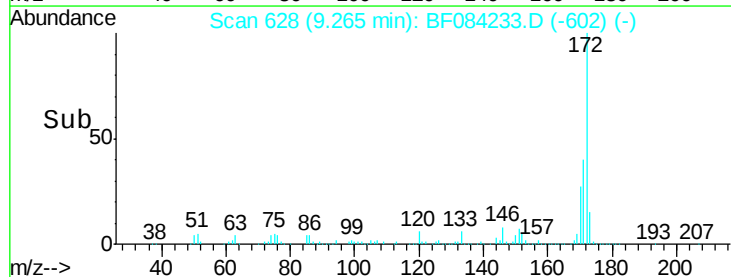
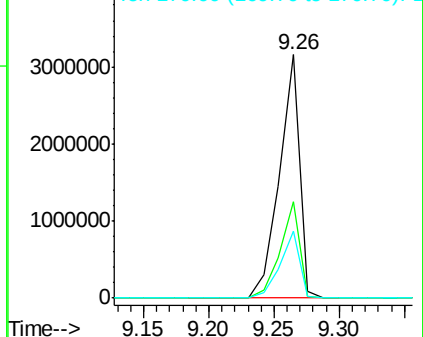


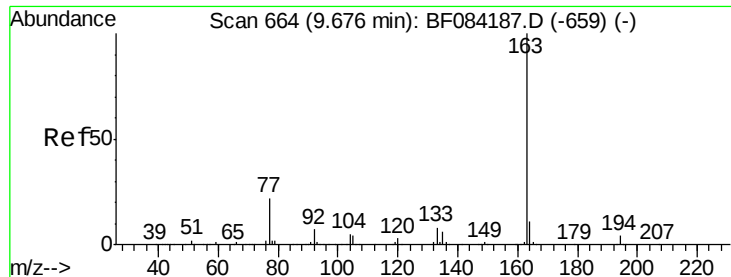
#44
 2-Fluorobiphenyl
 Concen: 95.81 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Tgt Ion:172 Resp: 3432456
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.9 43.3
 170 27.4 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

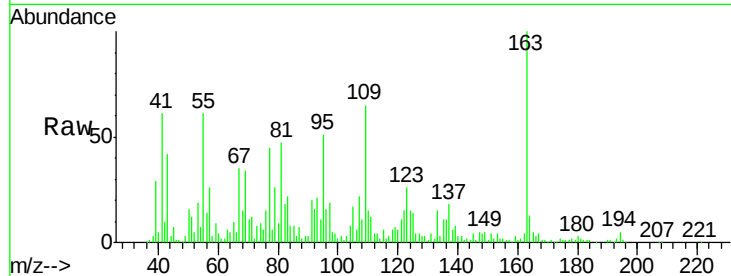




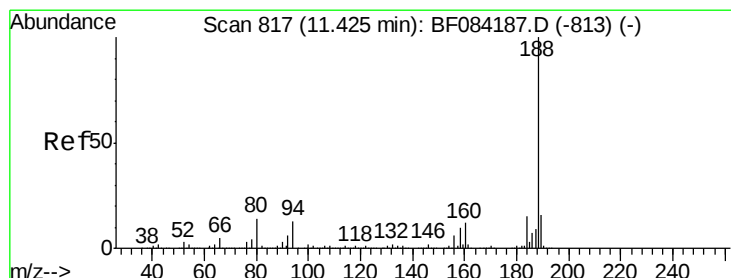
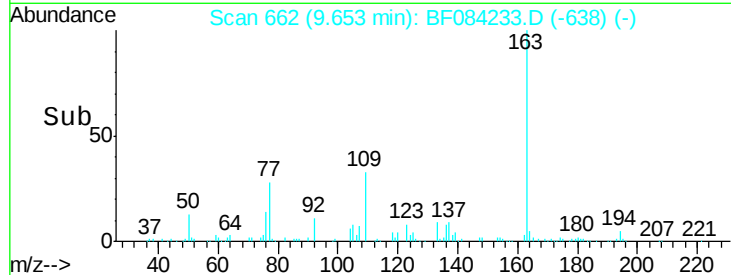
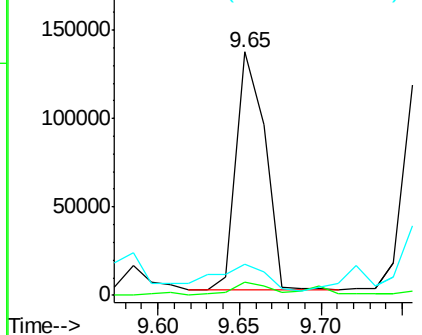
#49
Dimethylphthalate
Concen: 3.62 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Instrument :
BNA_F
ClientSampleId :
S8-0535

Tot Ion:163 Resp: 164646
Ion Ratio Lower Upper
163 100
194 5.2 8.0 12.0#
164 13.0 8.0 12.0#

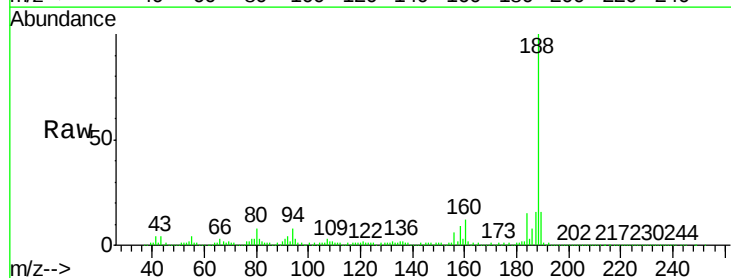


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

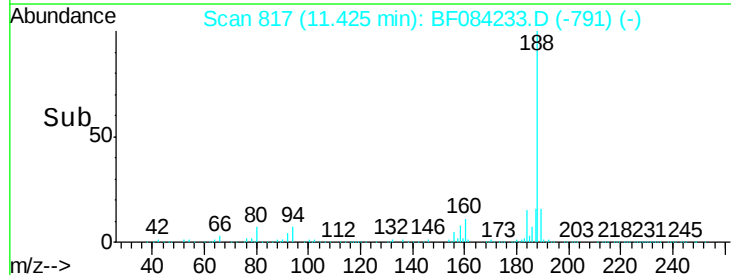
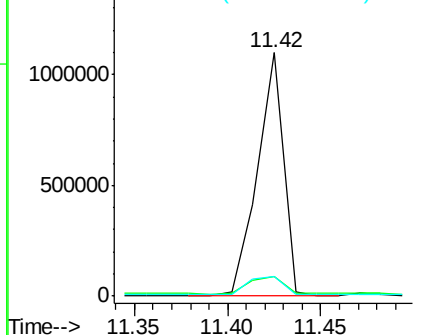


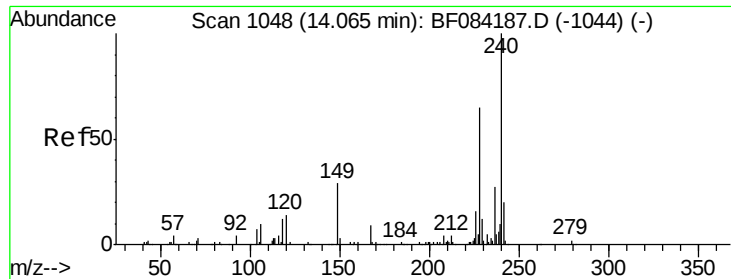
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084233.D
Acq: 4 Jan 2016 12:36

Tgt Ion:188 Resp: 1059627
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 8.3 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

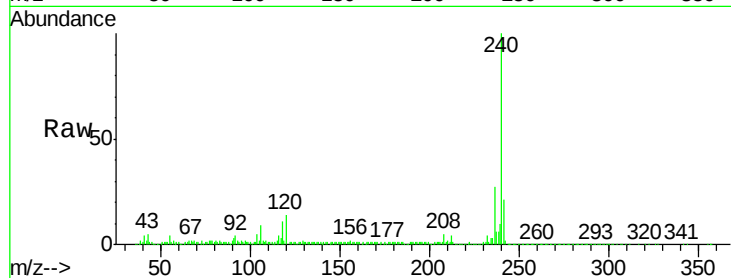




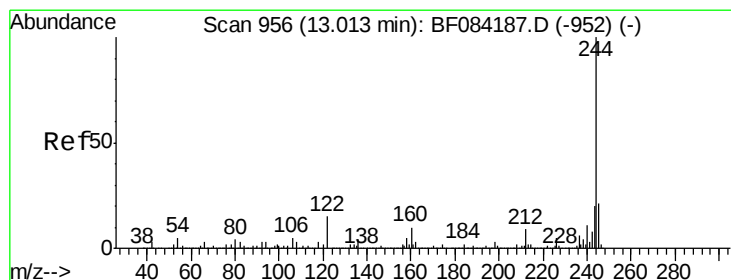
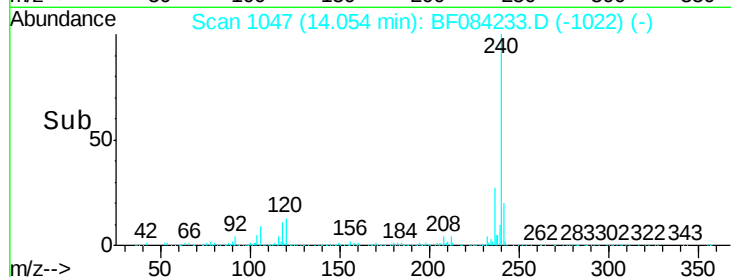
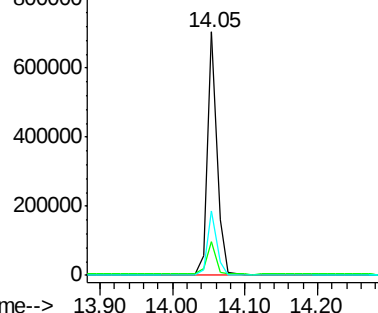
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Tot Ion:240 Resp: 645246
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 26.7 20.6 31.0

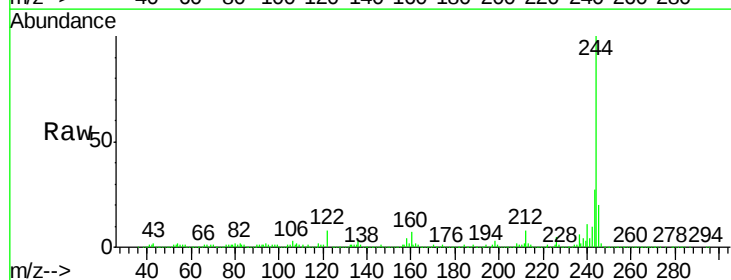


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

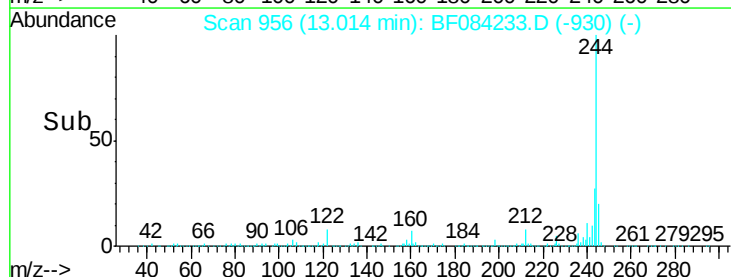
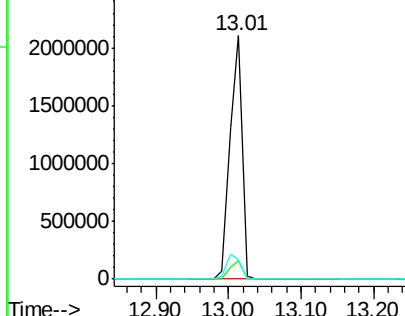


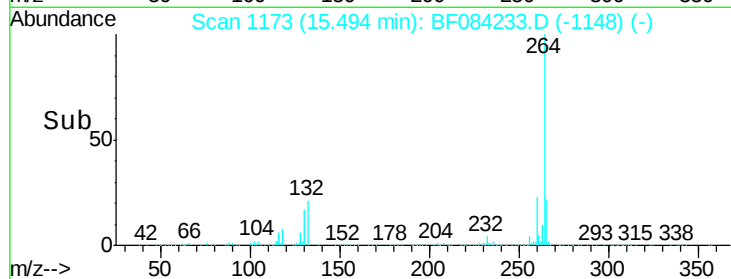
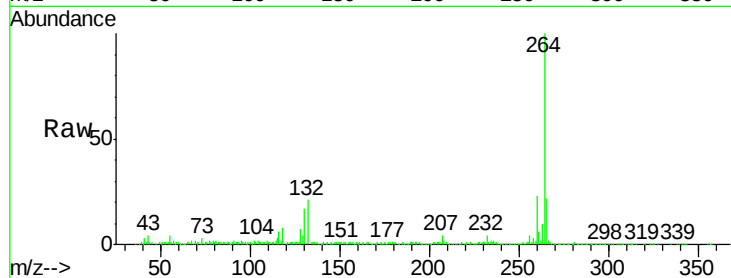
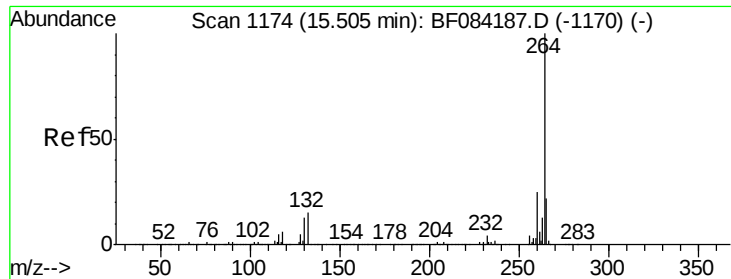
#78
 Terphenyl-d14
 Concen: 83.57 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084233.D
 Acq: 4 Jan 2016 12:36

Tgt Ion:244 Resp: 2415583
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 8.2 7.4 11.0



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

Pervlene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084233.D

Acq: 4 Jan 2016 12:36

Instrument :

BNA_F

ClientSampleId :

S8-0535

Tot Ion:264 Resp: 646368

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.9 17.8 26.6

