

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086523.D
 Acq On : 30 Apr 2016 14:59
 Operator : UM/SJ
 Sample : PB90183BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BL

Quant Time: May 01 04:02:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131704	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	584110	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	288054	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	561009	20.00	ng	0.00
75) Chrysene-d12	13.92	240	486297	20.00	ng	0.00
86) Perylene-d12	15.31	264	375103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	935569	122.53	ng	0.01
7) Phenol-d6	6.41	99	1348592	126.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	825617	76.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	313343	103.15	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1246328	73.42	ng	-0.01
78) Terphenyl-d14	12.87	244	1363130	61.76	ng	-0.01

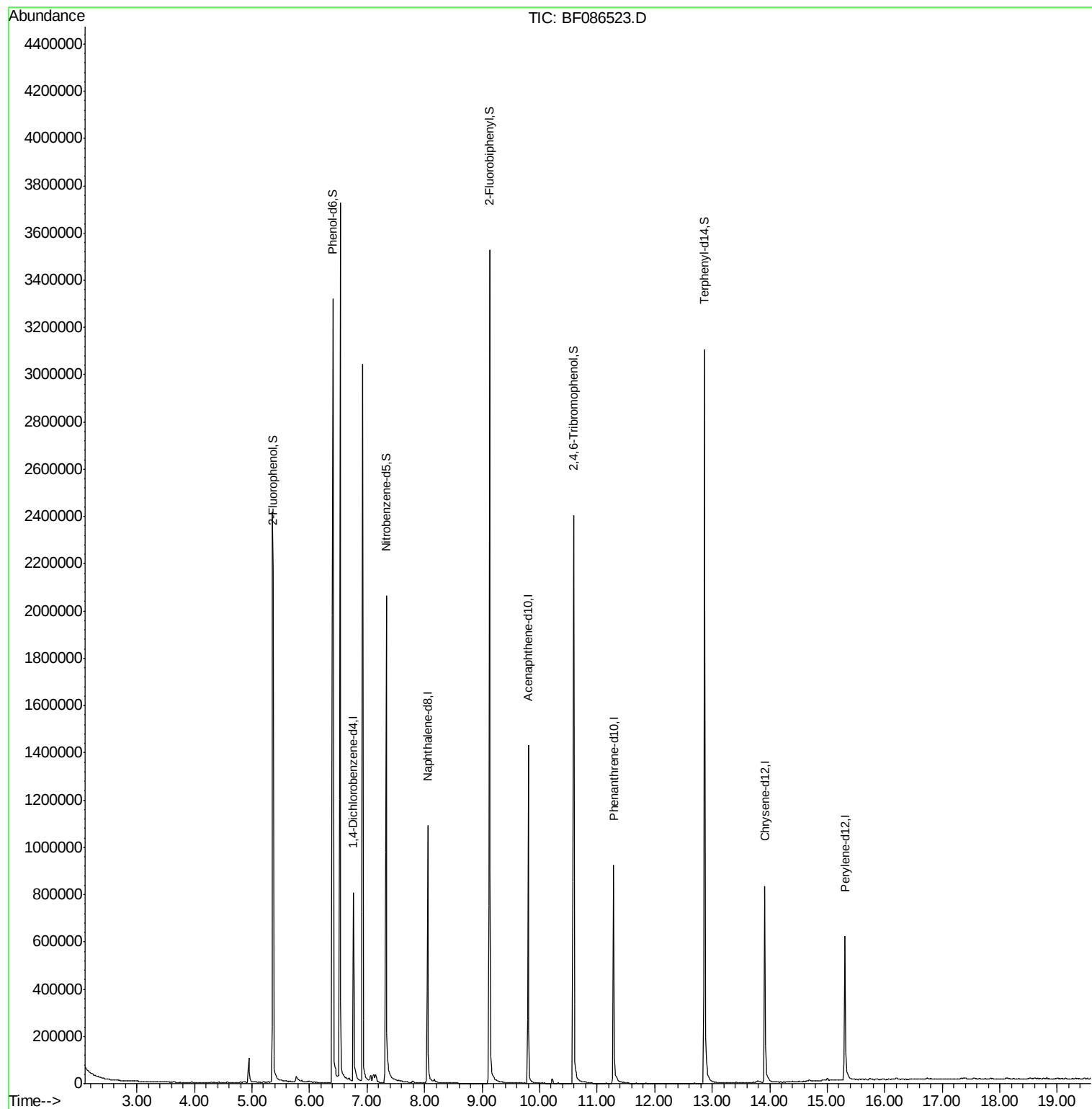
Target Compounds	Qvalue
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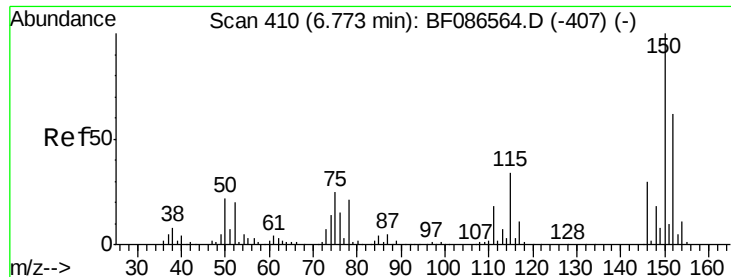
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

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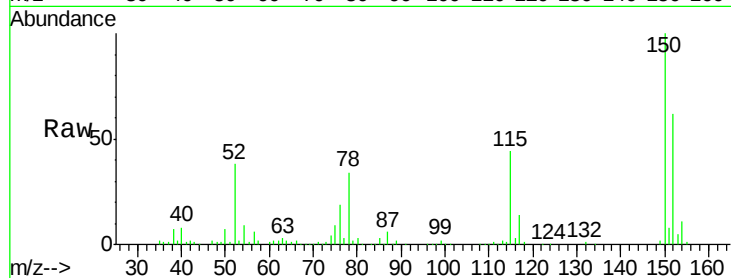
Tgt Ion:152 Resp: 131704

Ion Ratio Lower Upper

152 100

150 160.4 125.8 188.6

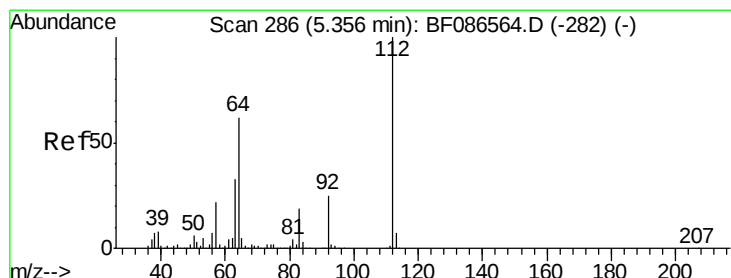
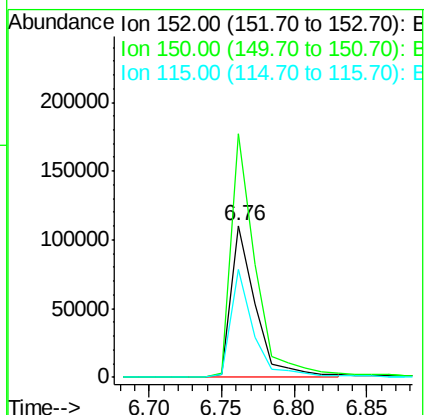
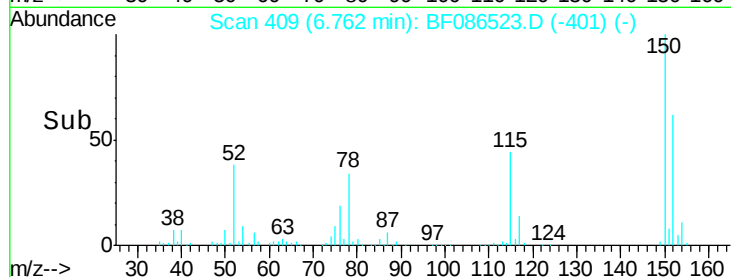
115 70.8 51.5 77.3



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: 122.53 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

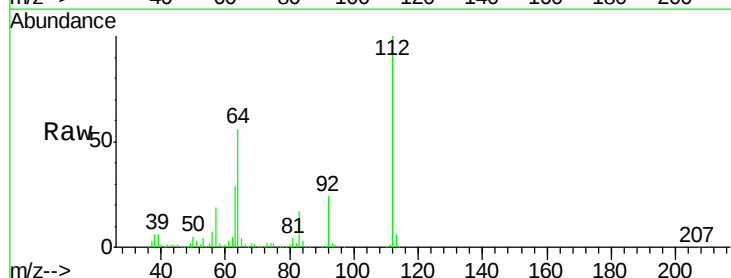
Tgt Ion:112 Resp: 935569

Ion Ratio Lower Upper

112 100

64 55.9 52.1 78.1

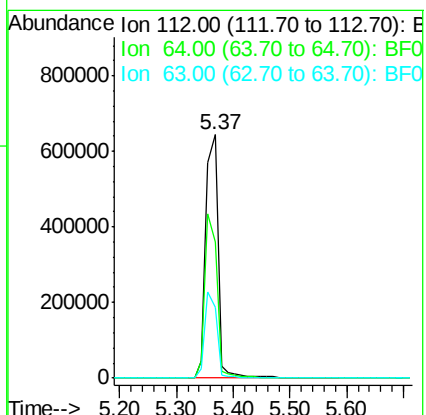
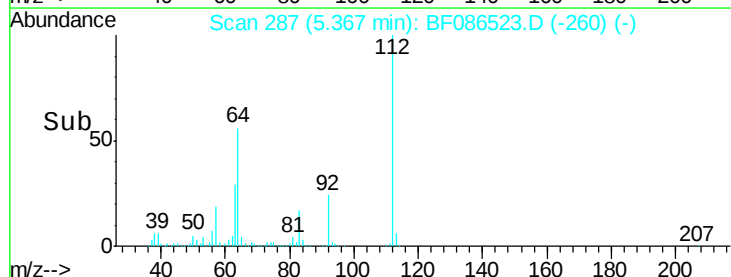
63 28.9 25.7 38.5

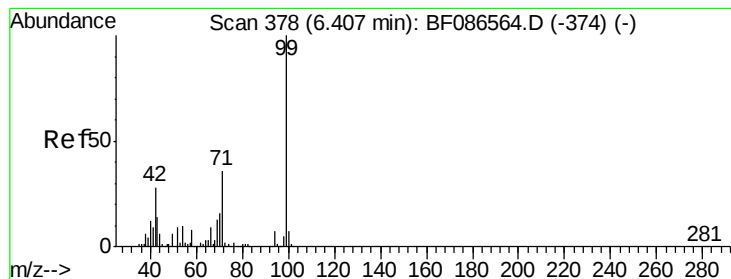


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.55 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

Instrument :

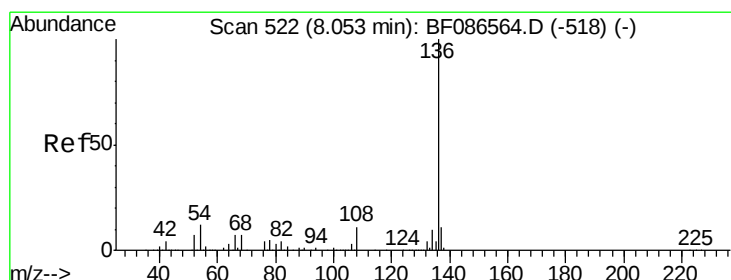
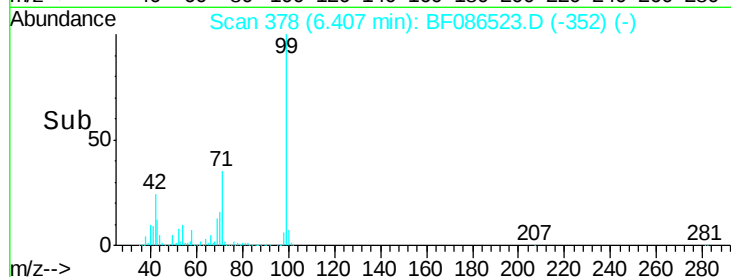
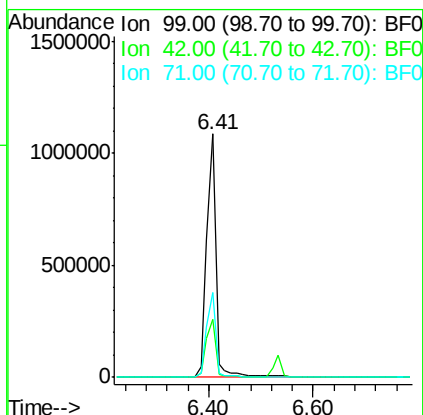
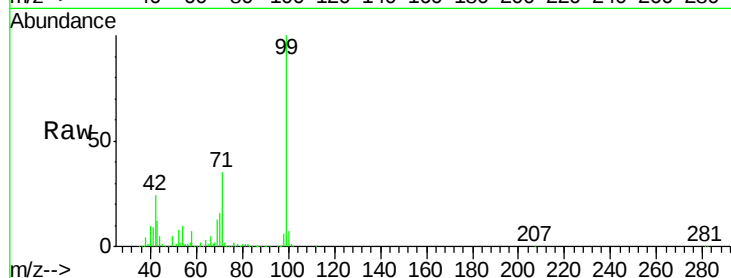
BNA_F

ClientSampleId :

PB90183BL

Tgt Ion: 99 Resp: 1348592

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.6	20.4#
71	34.6	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

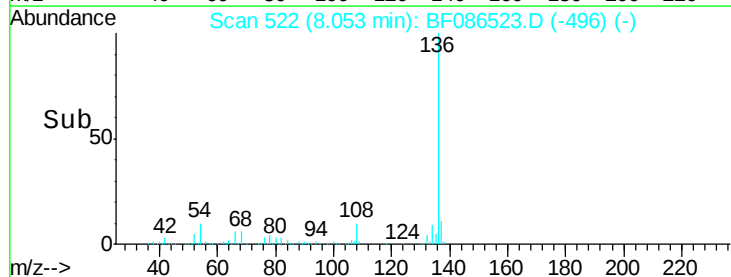
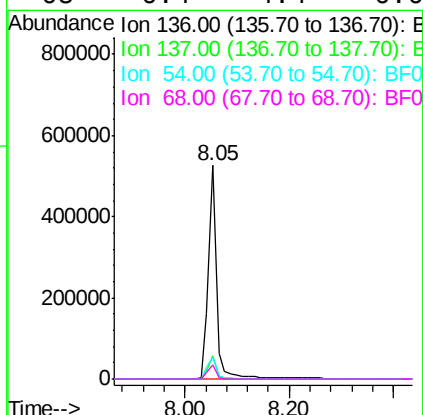
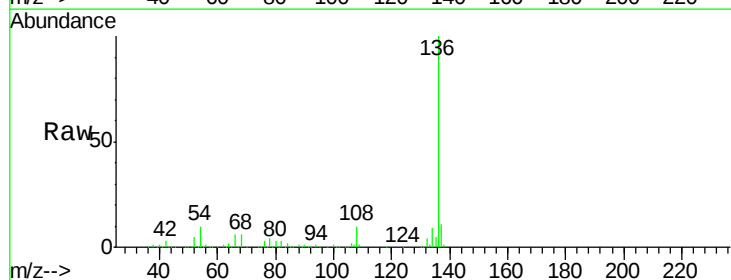
Delta R.T. 0.00 min

Lab File: BF086523.D

Acq: 30 Apr 2016 14:59

Tgt Ion: 136 Resp: 584110

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	5.0	7.4#
68	6.4	4.4	6.6

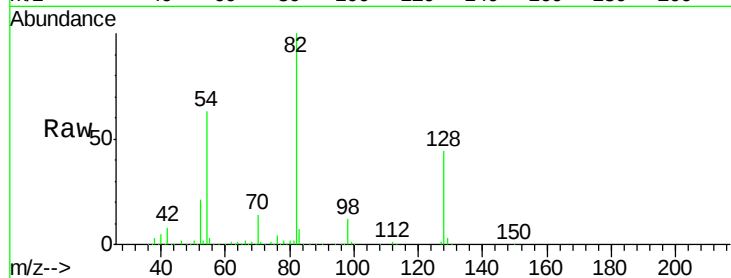




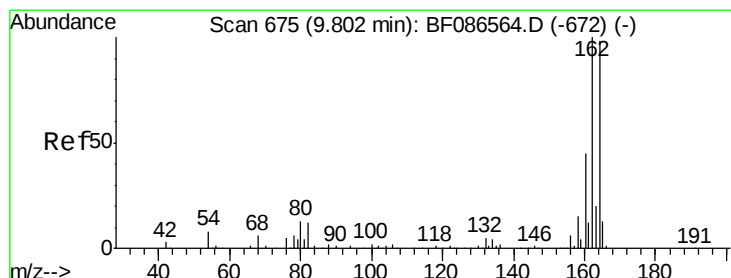
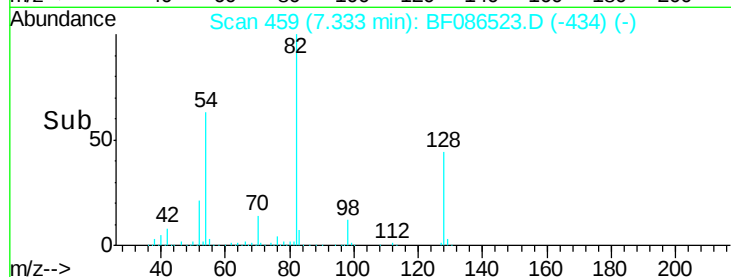
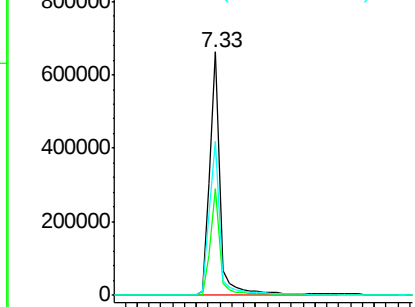
#23
 Nitrobenzene-d5
 Concen: 76.19 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	40.6	61.0
54	63.2	38.1	57.1#

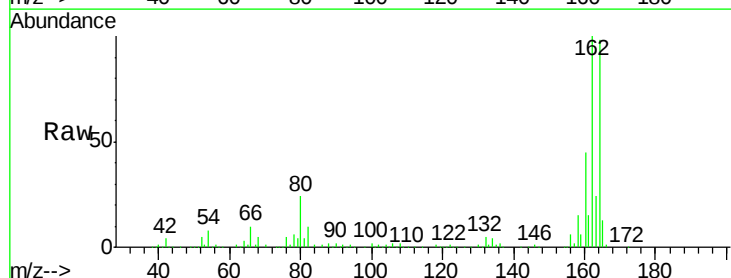


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

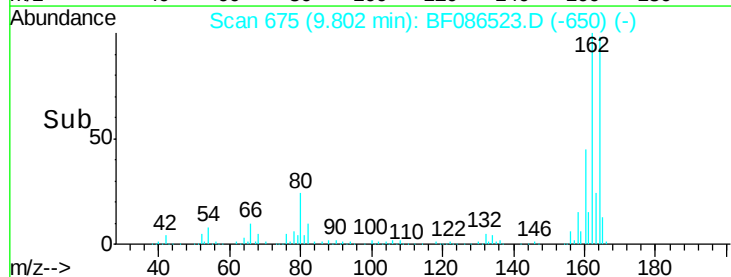
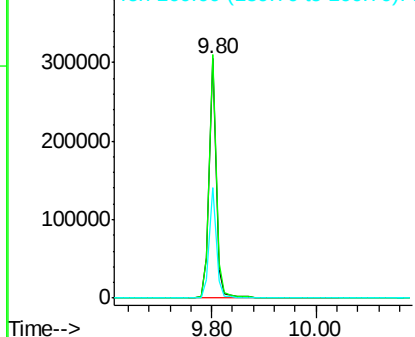


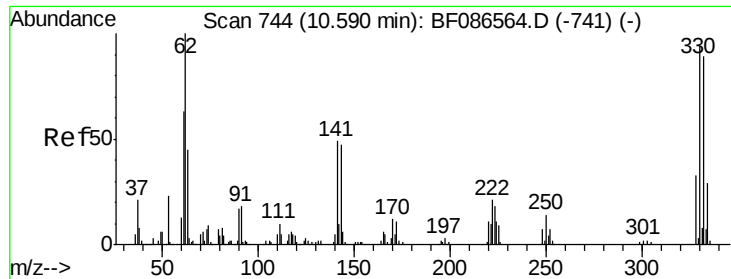
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	46.1	36.9	55.3



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

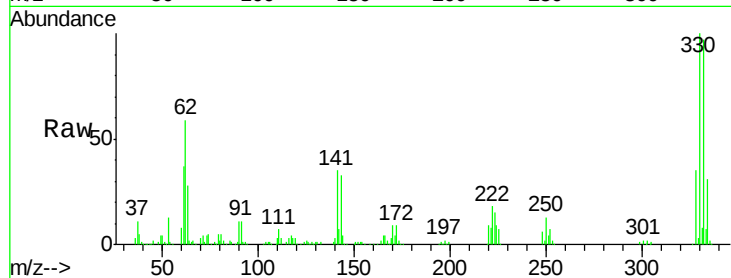




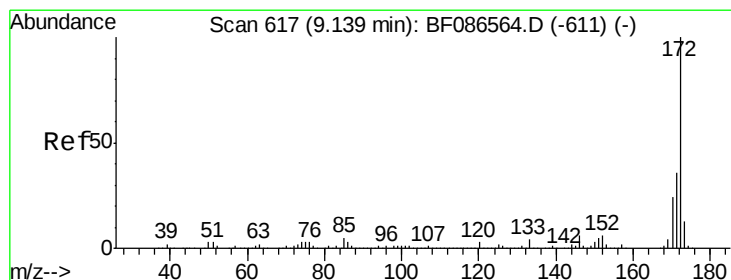
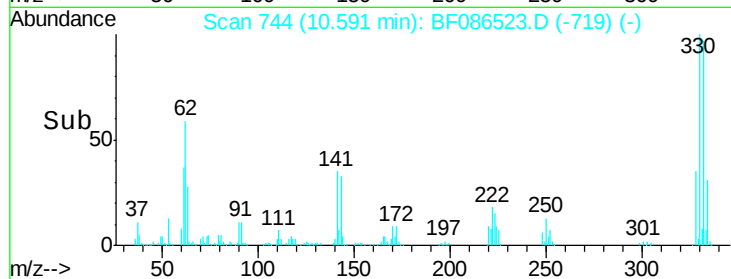
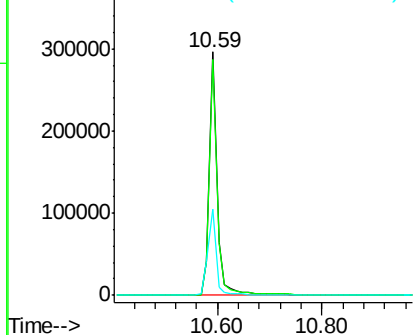
#41
 2,4,6-Tribromophenol
 Concen: 103.15 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BL

Tgt Ion:330 Resp: 313343
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 38.0 31.2 46.8

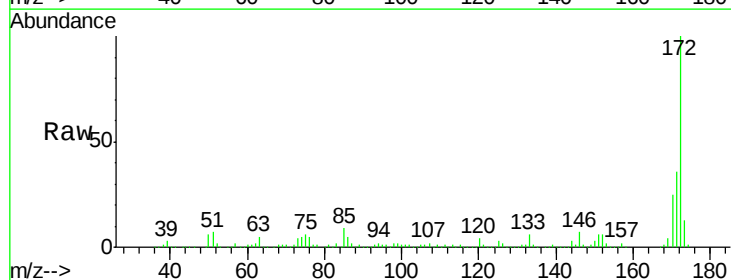


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

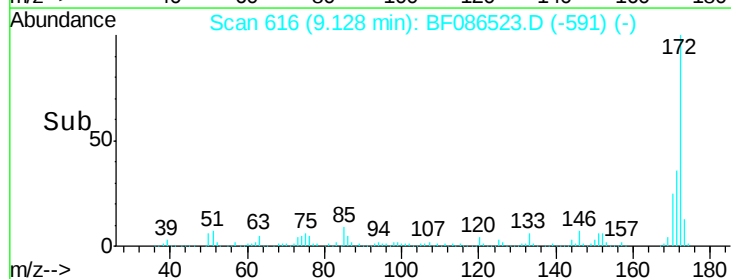
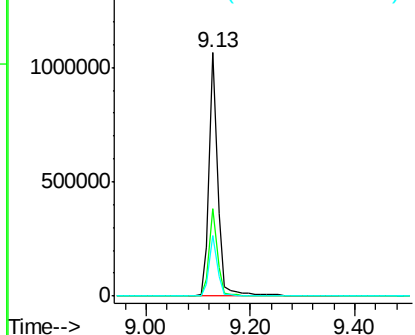


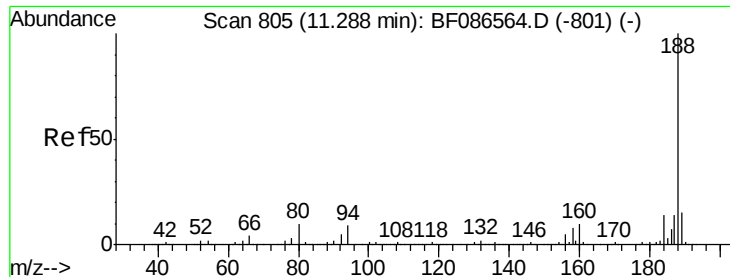
#44
 2-Fluorobiphenyl
 Concen: 73.42 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

Tgt Ion:172 Resp: 1246328
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.6 19.8 29.8



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

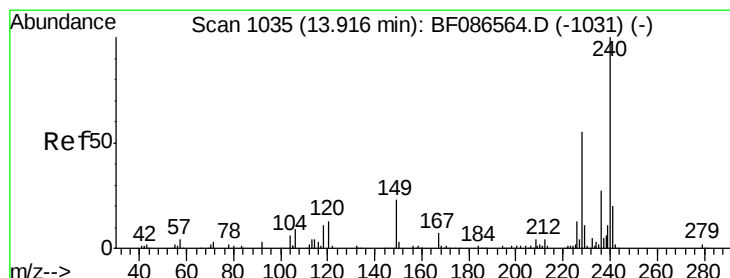
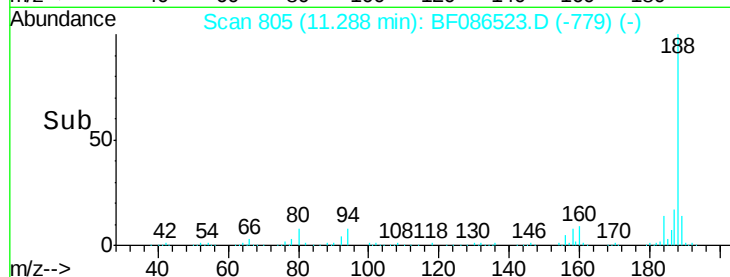
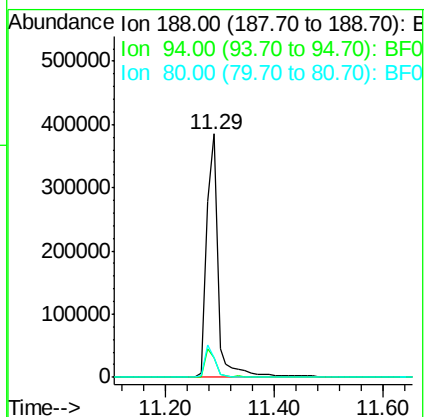
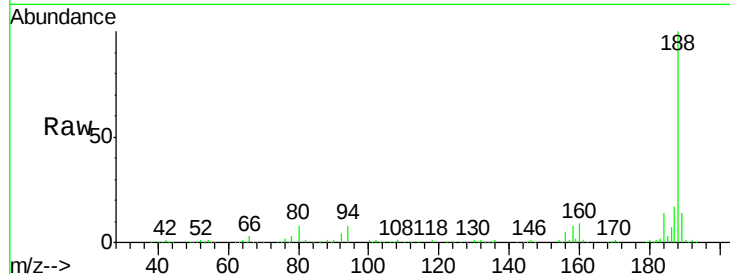




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

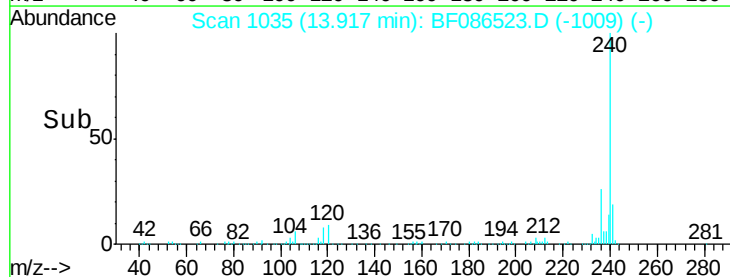
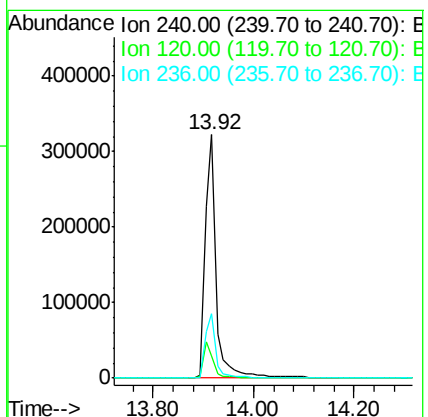
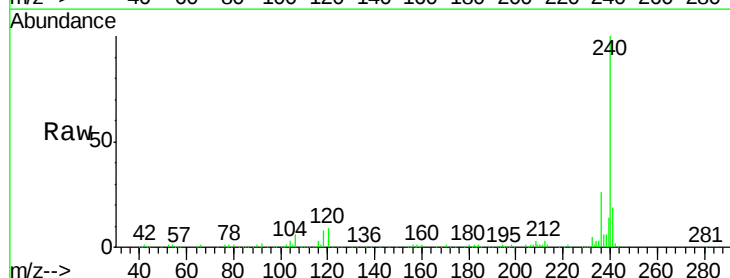
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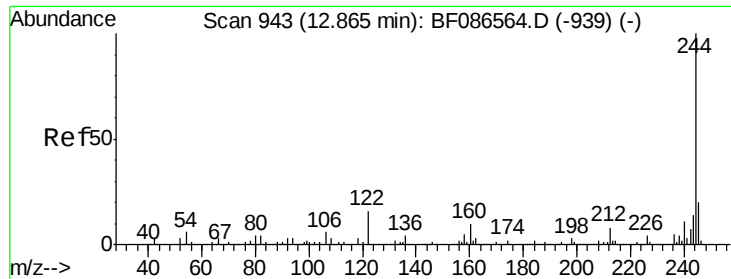
Tgt Ion:188 Resp: 561009
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086523.D
Acq: 30 Apr 2016 14:59

Tgt Ion:240 Resp: 486297
Ion Ratio Lower Upper
240 100
120 9.4 11.2 16.8#
236 26.3 21.2 31.8

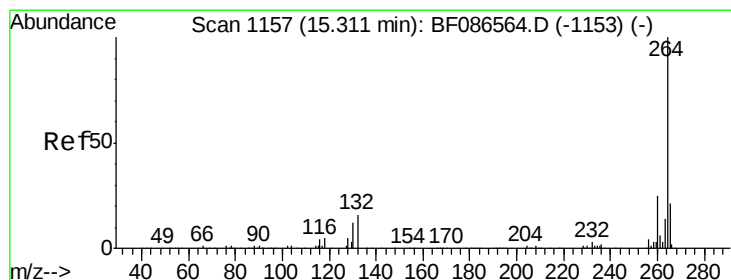
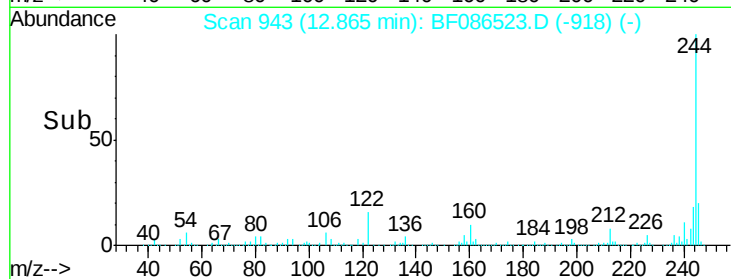
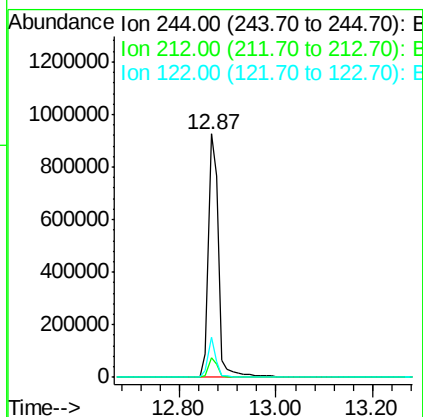
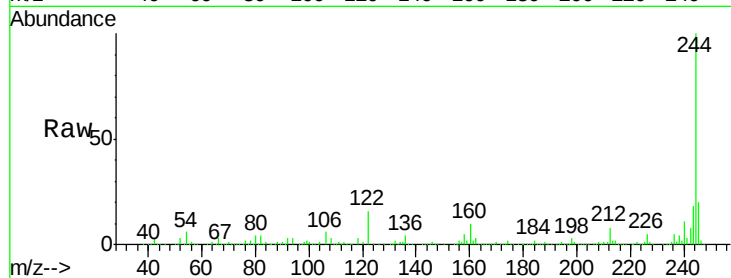




#78
 Terphenyl-d14
 Concen: 61.76 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB90183BL

Tgt Ion:244 Resp: 1363130
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 16.3 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086523.D
 Acq: 30 Apr 2016 14:59

Tgt Ion:264 Resp: 375103
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 17.3 25.9

