

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086519.D
 Acq On : 30 Apr 2016 13:05
 Operator : UM/SJ
 Sample : PB90129BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90129BL

Quant Time: May 01 03:56:25 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	130482	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	582290	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284389	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	552434	20.00	ng	0.00
75) Chrysene-d12	13.92	240	507792	20.00	ng	0.00
86) Perylene-d12	15.31	264	385572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	881794	116.57	ng	0.01
7) Phenol-d6	6.41	99	1244613	117.88	ng	0.00
23) Nitrobenzene-d5	7.33	82	758891	70.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	281185	93.76	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1178779	69.57	ng	-0.01
78) Terphenyl-d14	12.86	244	1270370	55.12	ng	-0.01

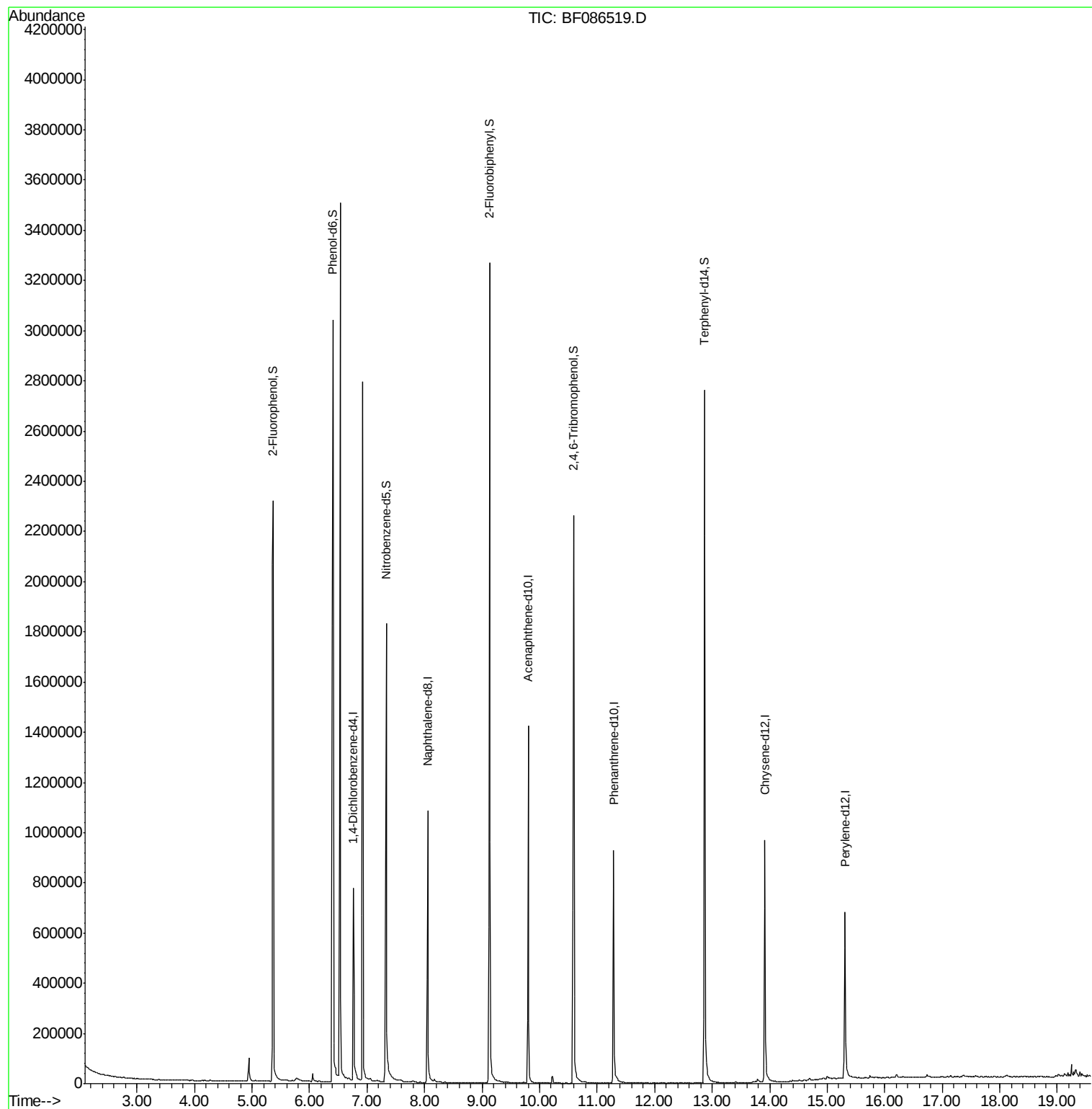
Target Compounds	Qvalue
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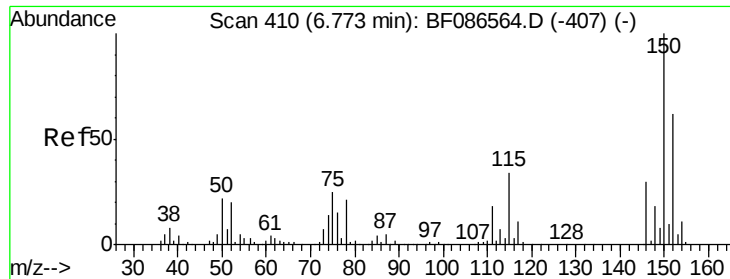
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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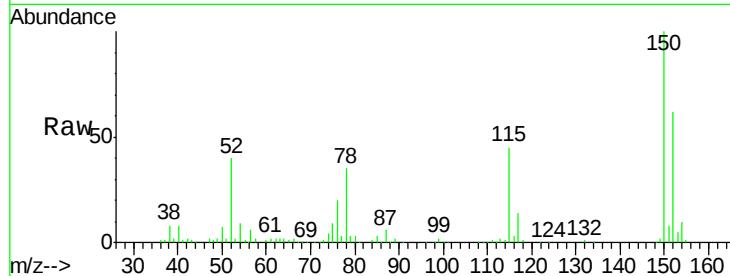
Tgt Ion:152 Resp: 130482

Ion Ratio Lower Upper

152 100

150 160.6 125.8 188.6

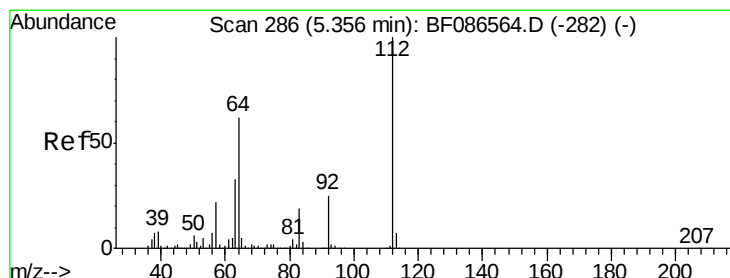
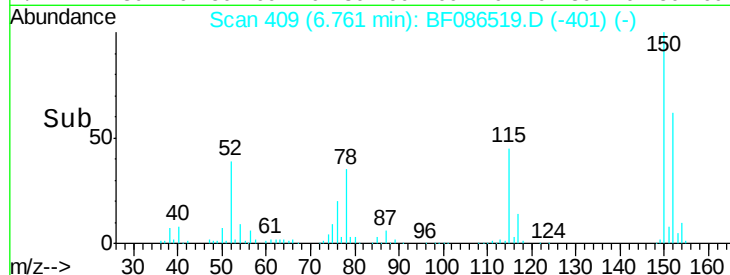
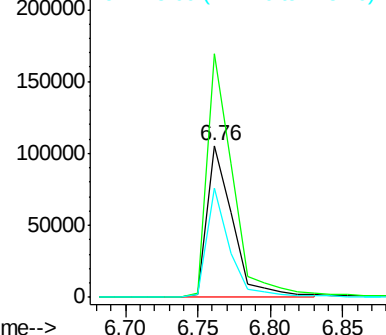
115 71.8 51.5 77.3



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: 116.57 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086519.D

Acq: 30 Apr 2016 13:05

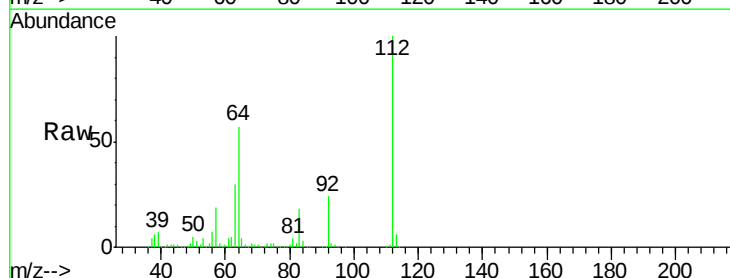
Tgt Ion:112 Resp: 881794

Ion Ratio Lower Upper

112 100

64 56.9 52.1 78.1

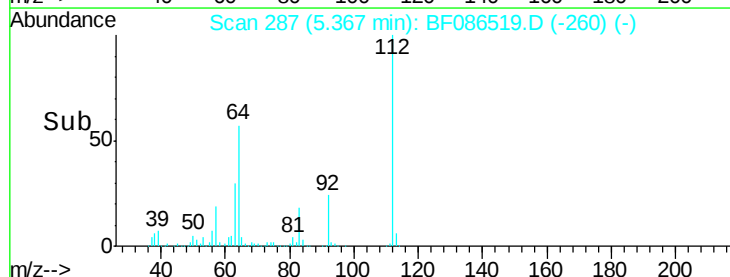
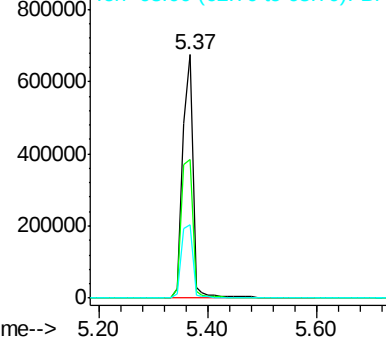
63 30.0 25.7 38.5

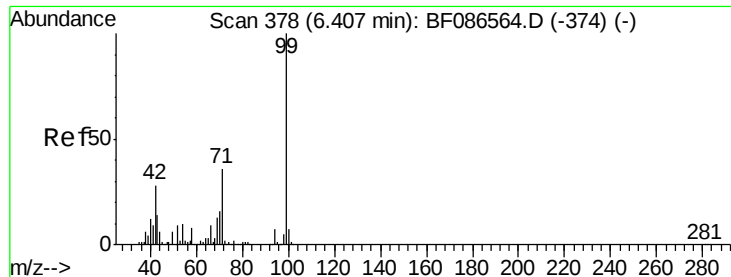


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.88 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086519.D

Acq: 30 Apr 2016 13:05

Instrument :

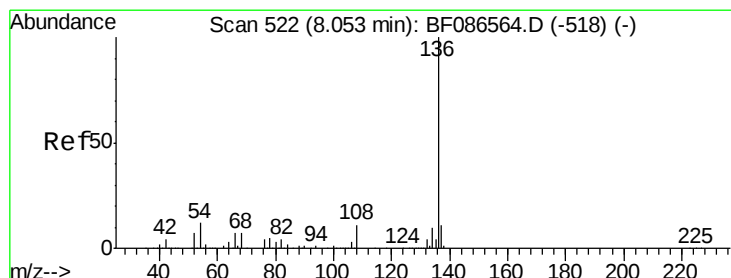
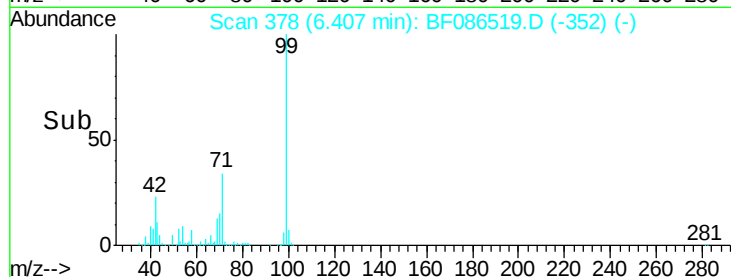
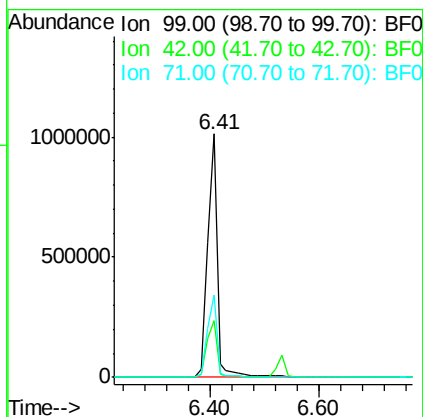
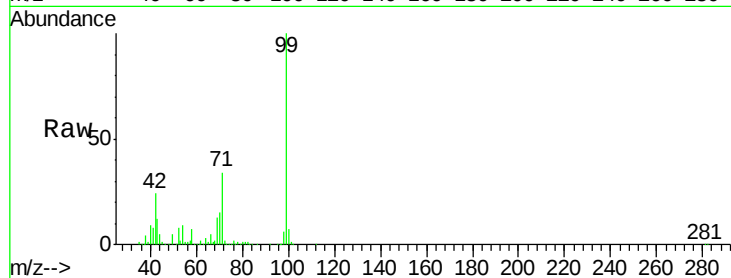
BNA_F

ClientSampled :

PB90129BL

Tgt Ion: 99 Resp: 1244613

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.6	20.4#
71	33.6	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

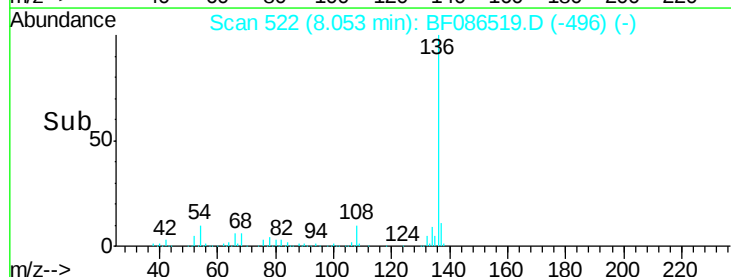
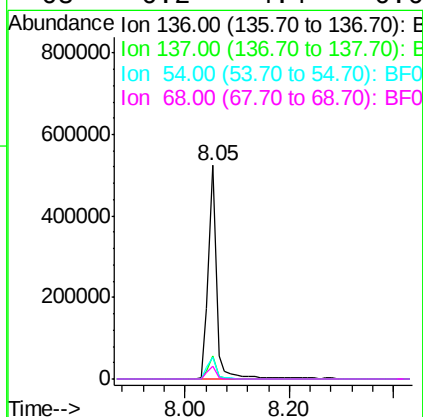
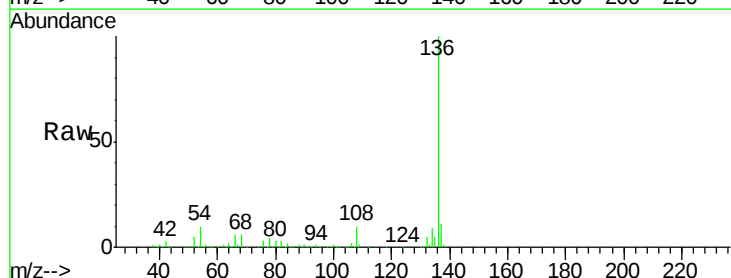
Delta R.T. -0.00 min

Lab File: BF086519.D

Acq: 30 Apr 2016 13:05

Tgt Ion: 136 Resp: 582290

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.1	5.0	7.4#
68	6.2	4.4	6.6

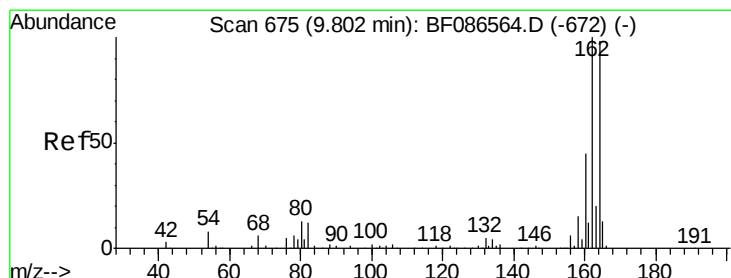
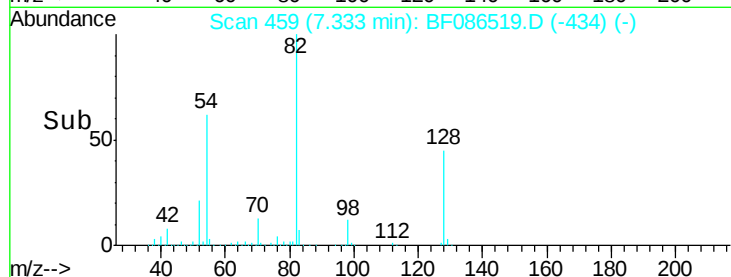
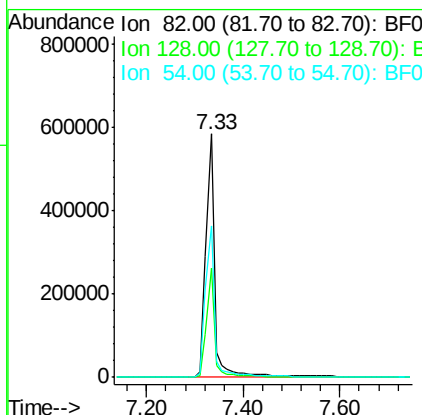
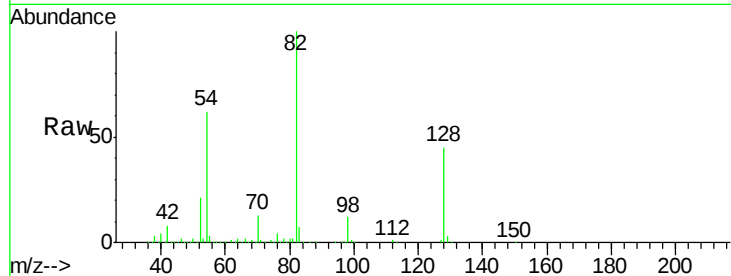




#23
 Nitrobenzene-d5
 Concen: 70.25 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

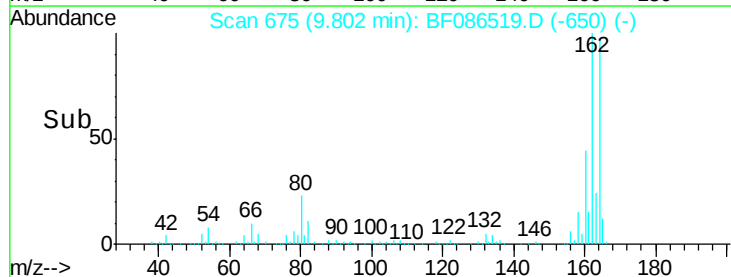
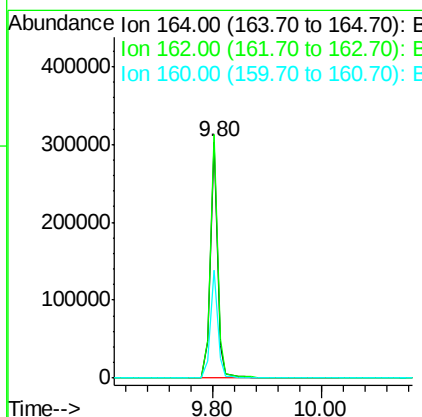
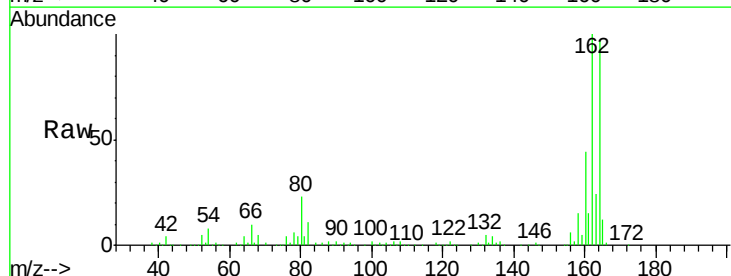
Instrument :
 BNA_F
 ClientSampleId :
 PB90129BL

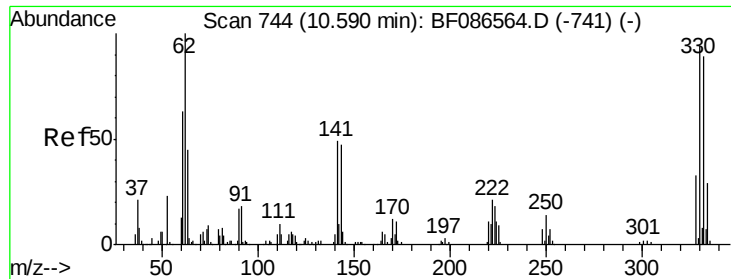
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.7	40.6	61.0
54	62.3	38.1	57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.8	124.2
160	45.8	36.9	55.3

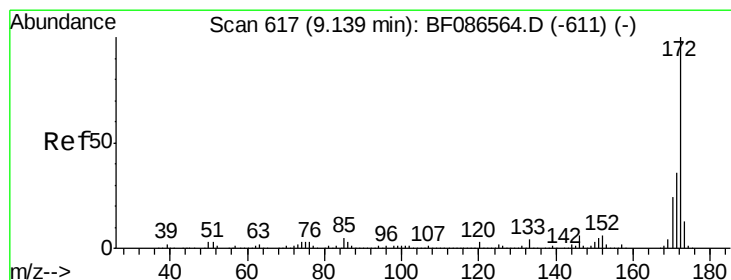
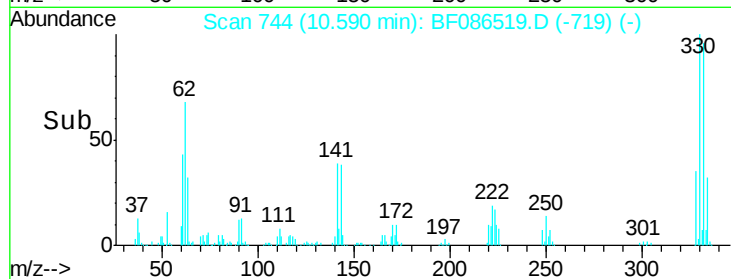
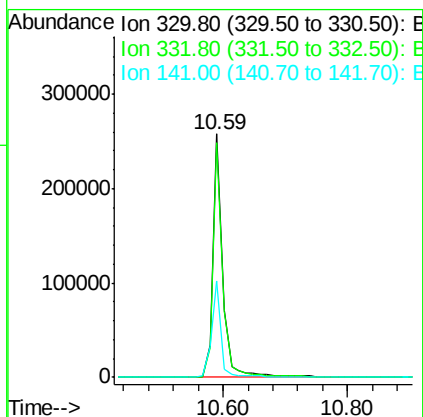
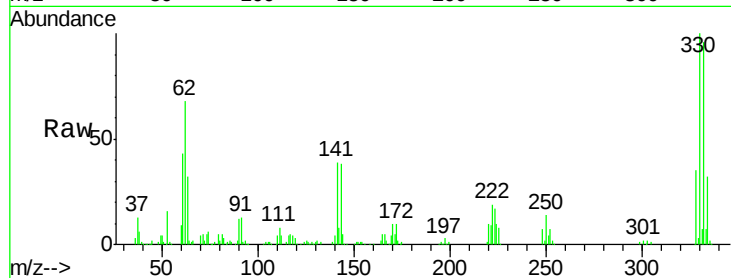




#41
 2,4,6-Tribromophenol
 Concen: 93.76 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

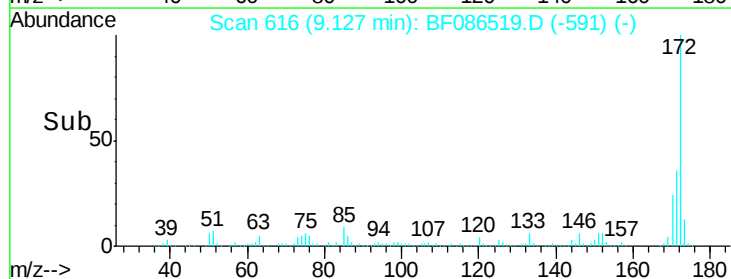
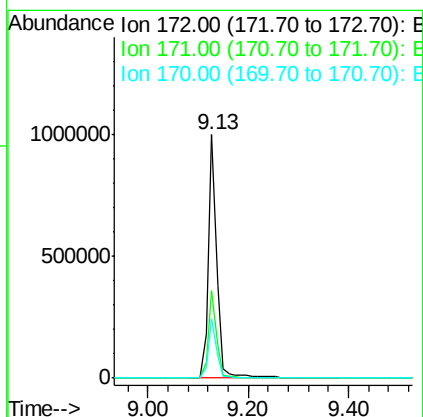
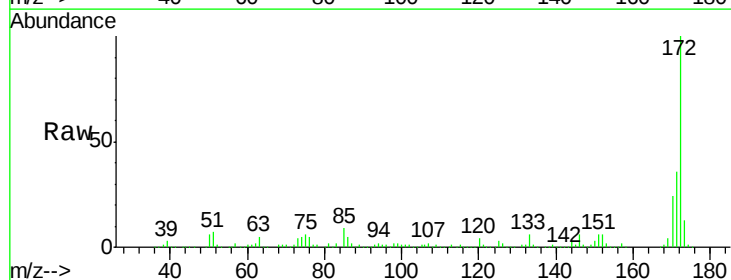
Instrument :
 BNA_F
 ClientSampleId :
 PB90129BL

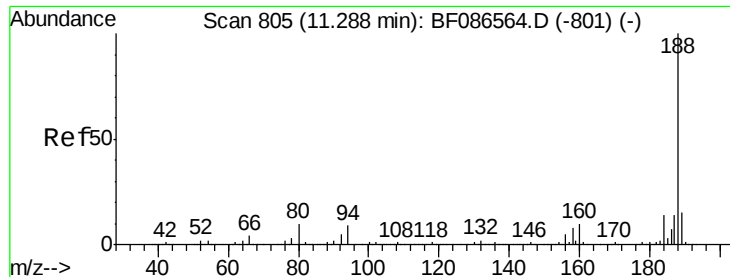
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	39.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 69.57 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8

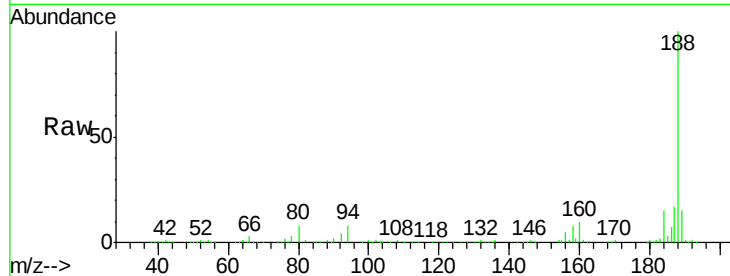




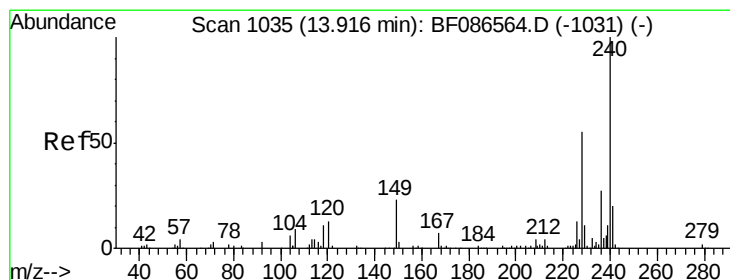
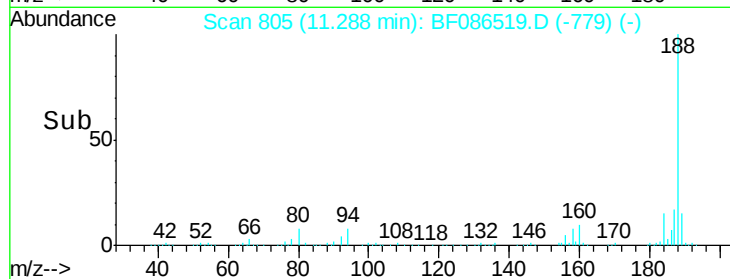
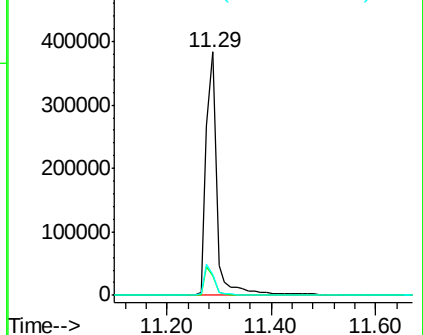
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PB90129BL

Tgt Ion:188 Resp: 552434
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.3 7.1 10.7

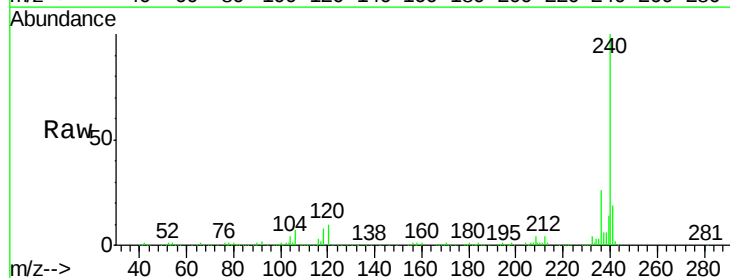


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

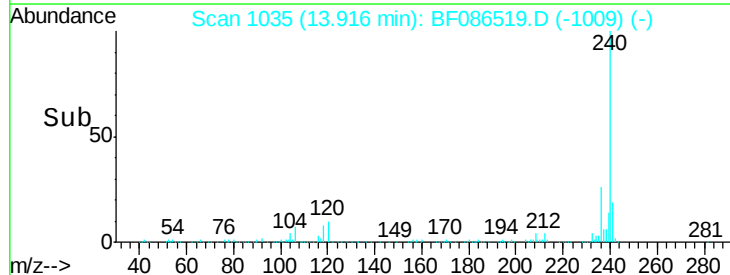
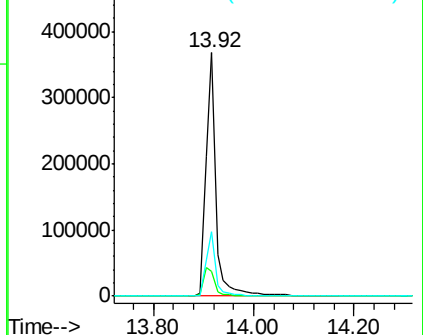


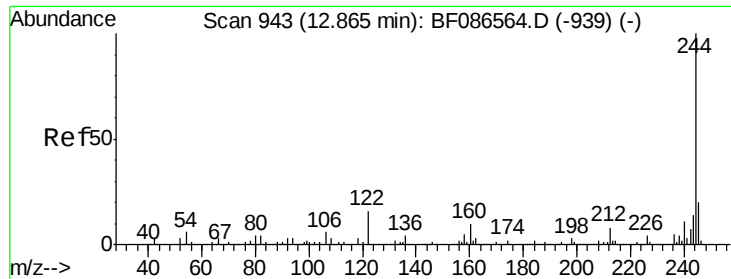
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:240 Resp: 507792
Ion Ratio Lower Upper
240 100
120 10.0 11.2 16.8#
236 26.5 21.2 31.8



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

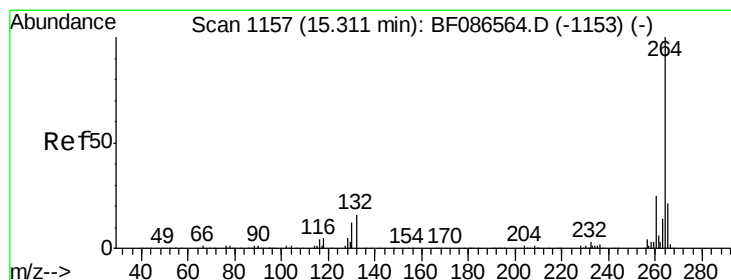
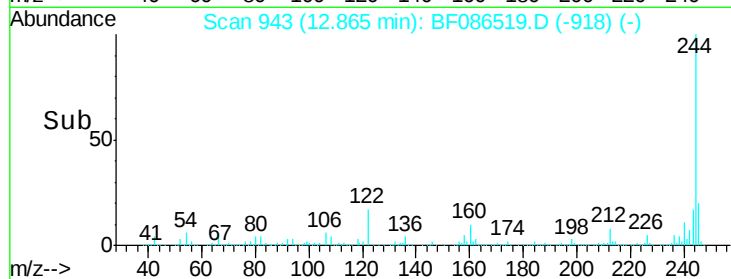
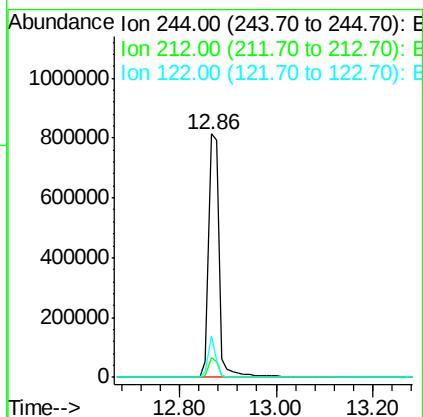
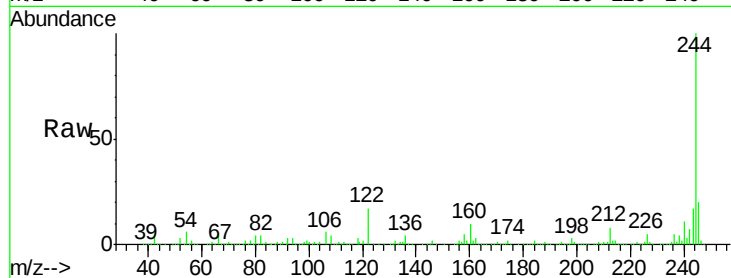




#78
 Terphenyl-d14
 Concen: 55.12 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Instrument :
 BNA_F
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 PB90129BL

Tgt Ion:244 Resp: 1270370
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 16.8 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: BF086519.D
 Acq: 30 Apr 2016 13:05

Tgt Ion:264 Resp: 385572
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.9 17.3 25.9

