

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086517.D
 Acq On : 30 Apr 2016 12:09
 Operator : UM/SJ
 Sample : PB90056BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BL

Quant Time: May 01 03:39:15 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	131416	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	598145	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284179	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	555763	20.00	ng	0.00
75) Chrysene-d12	13.92	240	495529	20.00	ng	0.00
86) Perylene-d12	15.31	264	367116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	890451	116.87	ng	0.00
7) Phenol-d6	6.41	99	1328249	124.91	ng	0.00
23) Nitrobenzene-d5	7.33	82	852116	76.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	312554	104.29	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1281882	77.39	ng	-0.01
78) Terphenyl-d14	12.88	244	1460610	64.94	ng	0.00

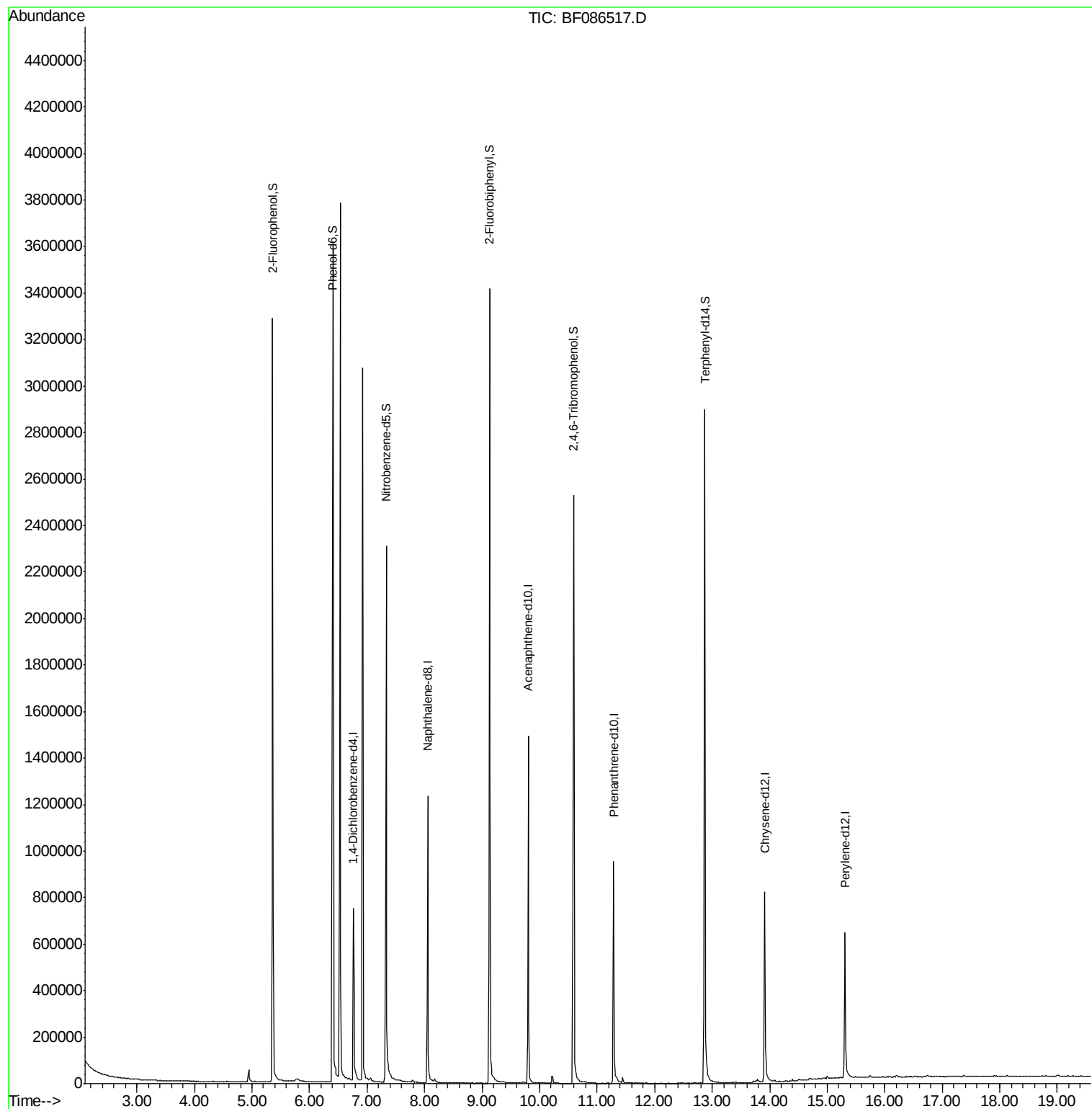
Target Compounds	Qvalue
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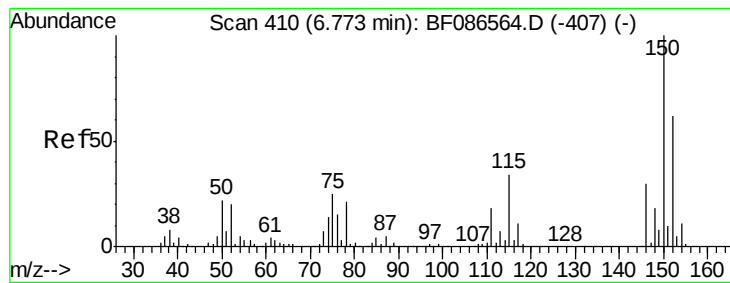
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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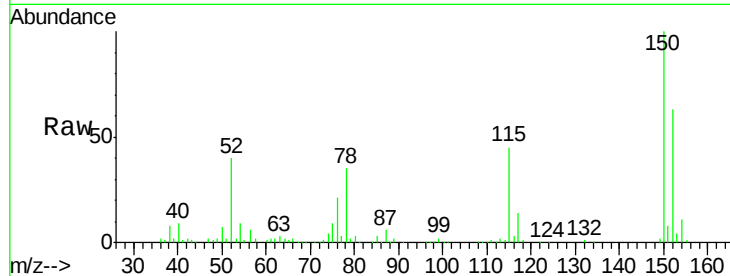


#1

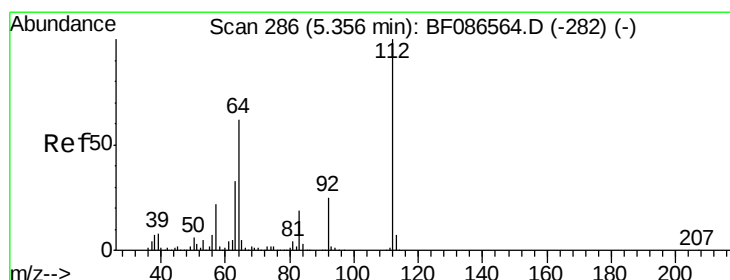
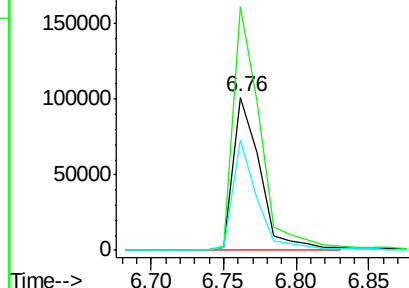
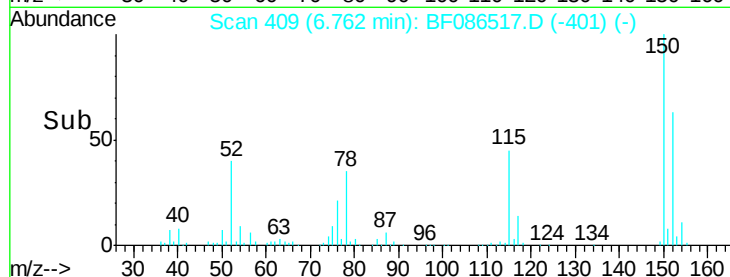
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086517.D
Acq: 30 Apr 2016 12:09

Instrument :
BNA_F
ClientSampleId :
PB90056BL

Tgt Ion:152 Resp: 131416
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 72.2 51.5 77.3



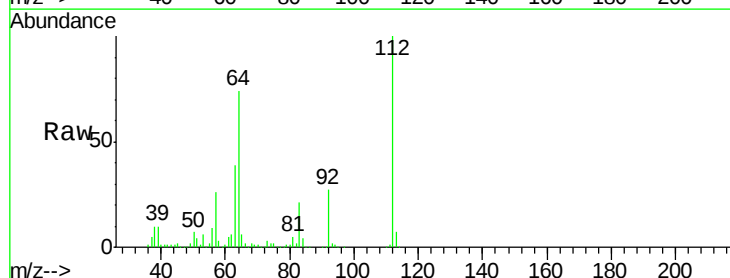
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



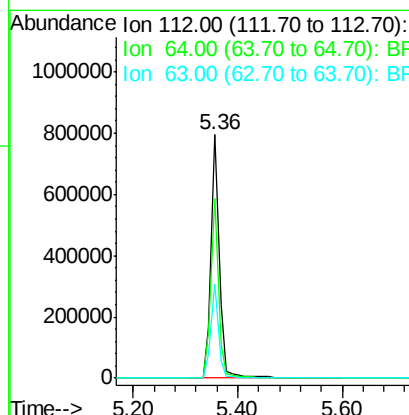
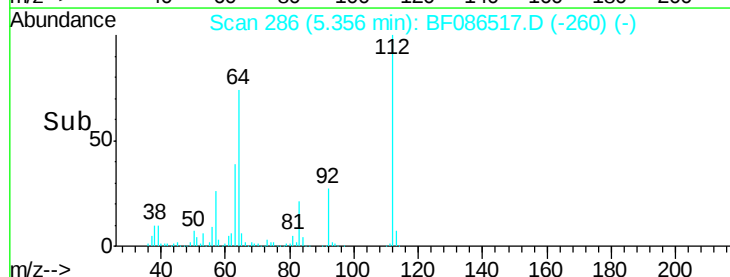
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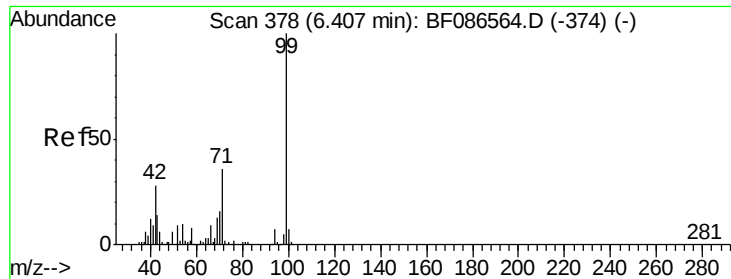
2-Fluorophenol
Concen: 116.87 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.00 min
Lab File: BF086517.D
Acq: 30 Apr 2016 12:09

Tgt Ion:112 Resp: 890451
Ion Ratio Lower Upper
112 100
64 73.8 52.1 78.1
63 38.8 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: 124.91 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086517.D

Acq: 30 Apr 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB90056BL

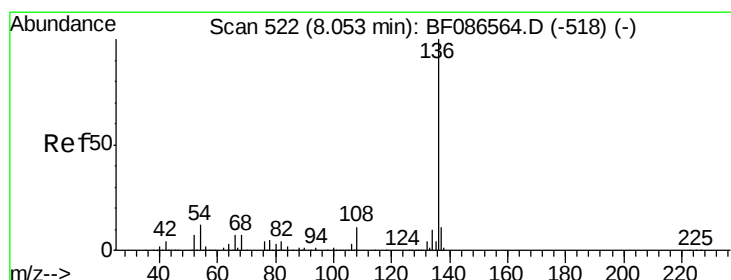
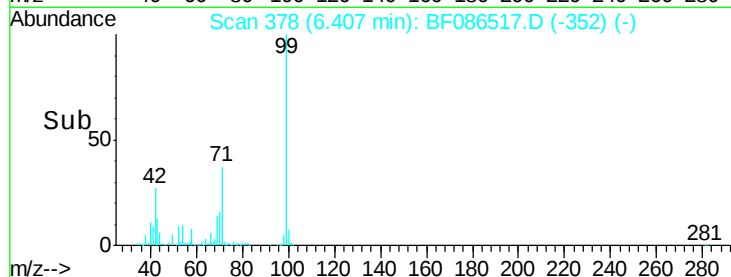
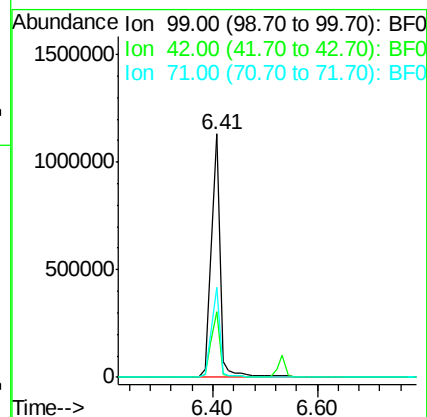
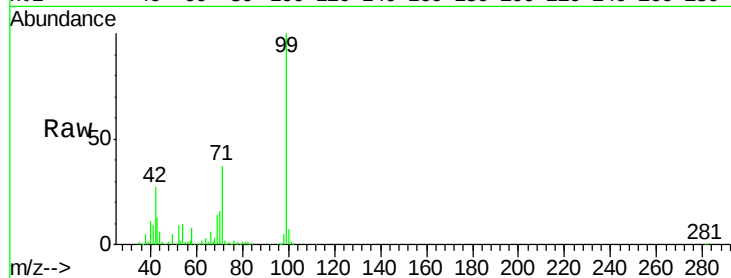
Tgt Ion: 99 Resp: 1328249

Ion Ratio Lower Upper

99 100

42 27.0 13.6 20.4#

71 36.8 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: BF086517.D

Acq: 30 Apr 2016 12:09

Tgt Ion: 136 Resp: 598145

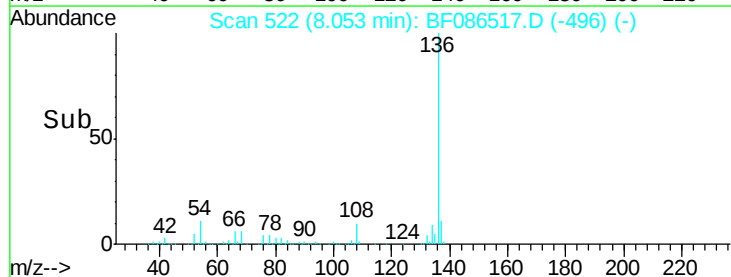
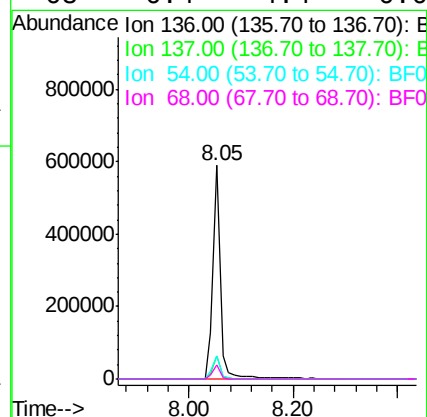
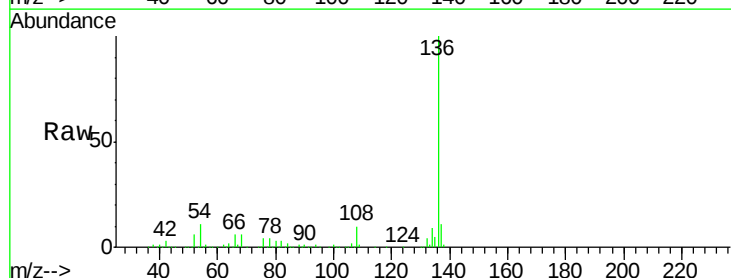
Ion Ratio Lower Upper

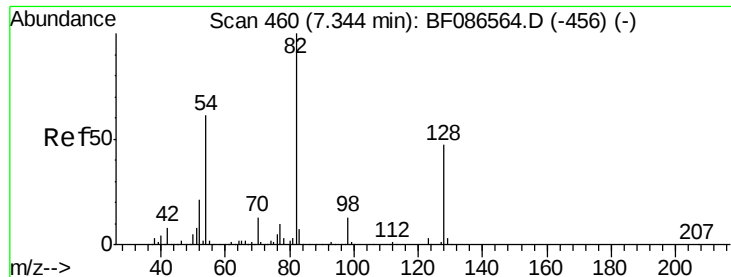
136 100

137 10.7 8.8 13.2

54 10.7 5.0 7.4#

68 6.4 4.4 6.6

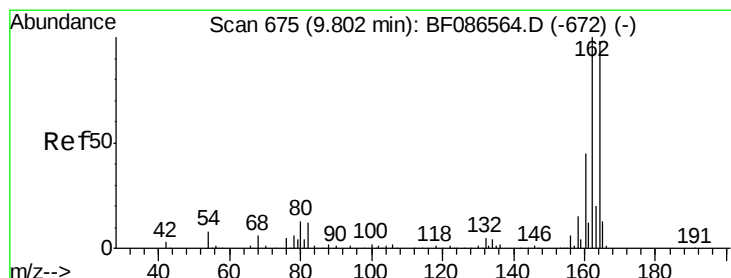
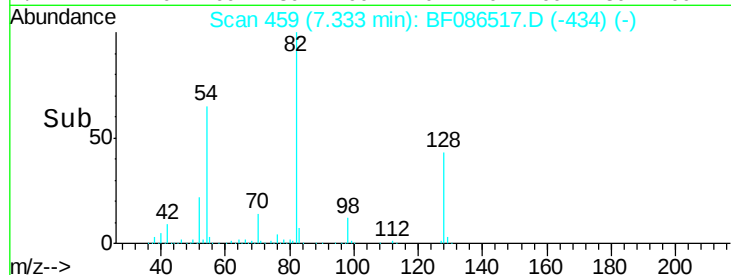
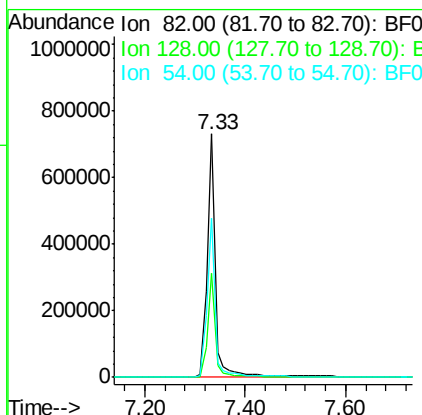
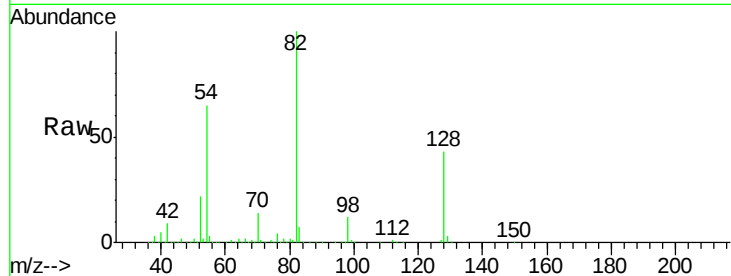




#23
 Nitrobenzene-d5
 Concen: 76.79 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

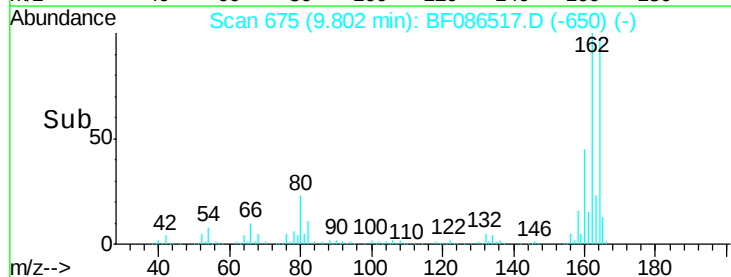
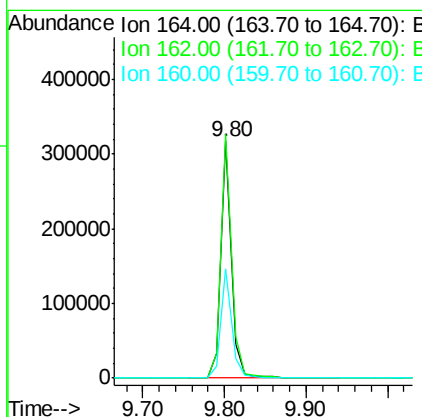
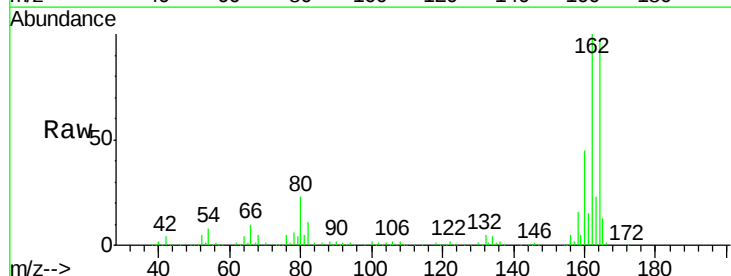
Instrument :
 BNA_F
 ClientSampleID :
 PB90056BL

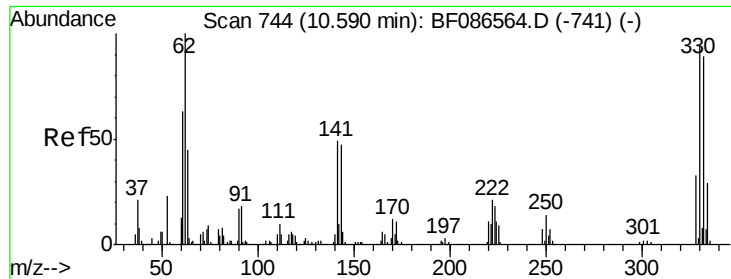
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	40.6	61.0
54	65.3	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	45.9	36.9	55.3

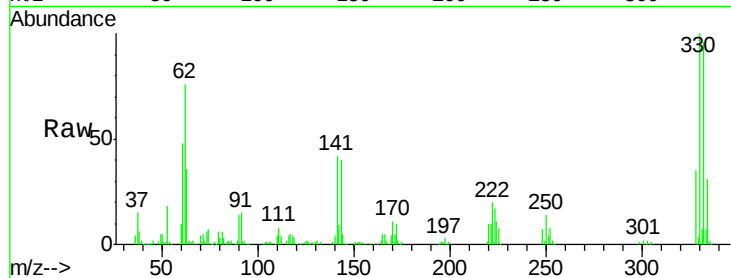




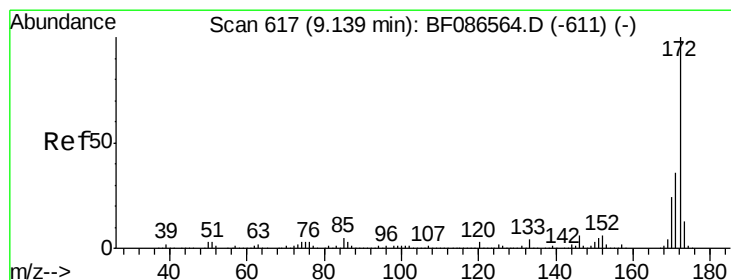
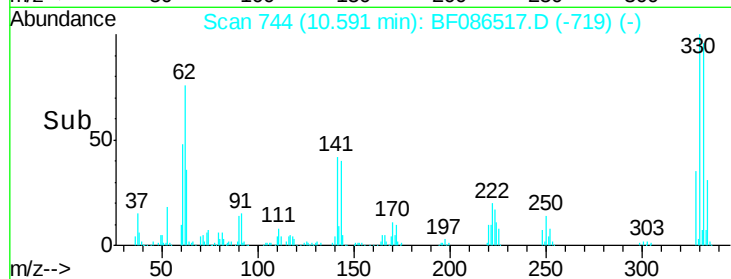
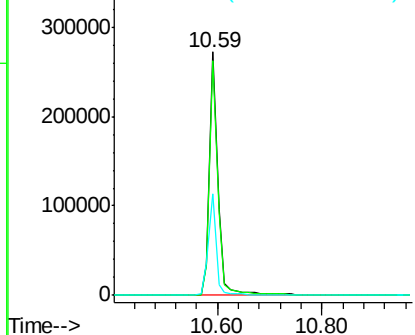
#41
 2,4,6-Tribromophenol
 Concen: 104.29 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BL

Tgt Ion:330 Resp: 312554
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 39.9 31.2 46.8

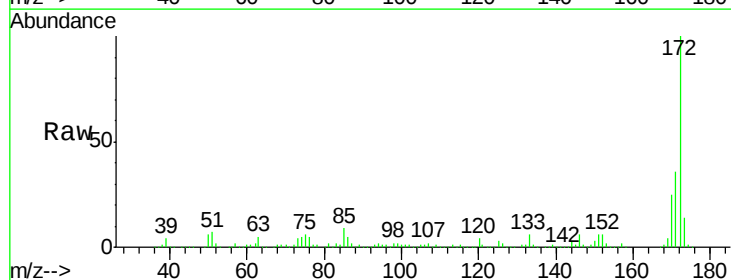


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

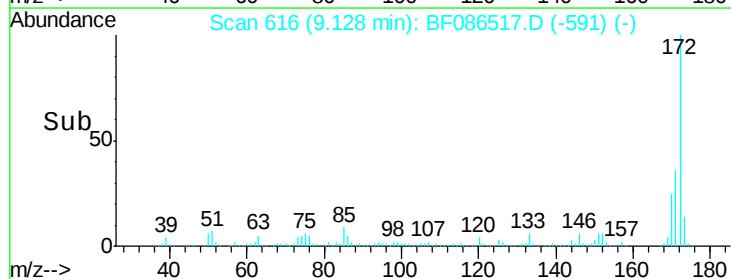
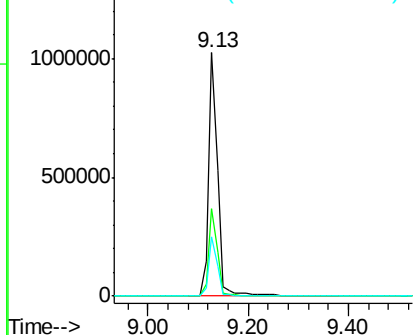


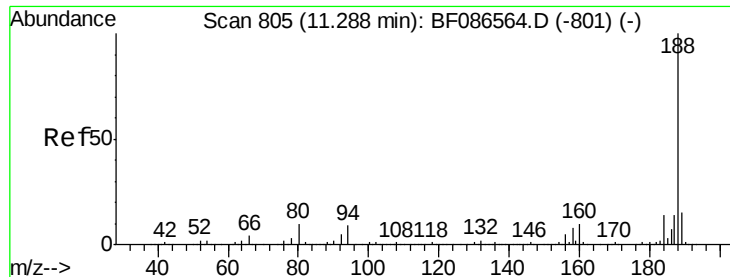
#44
 2-Fluorobiphenyl
 Concen: 77.39 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Tgt Ion:172 Resp: 1281882
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.5 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

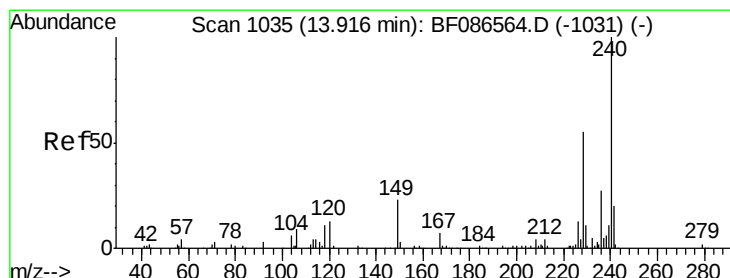
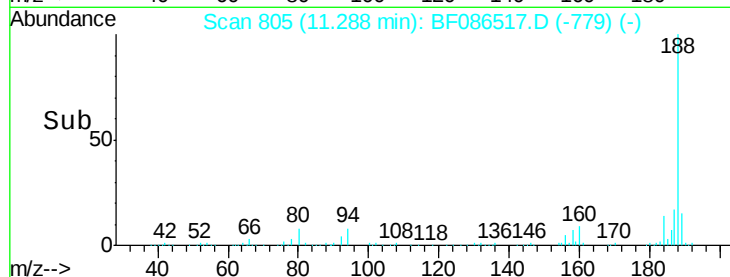
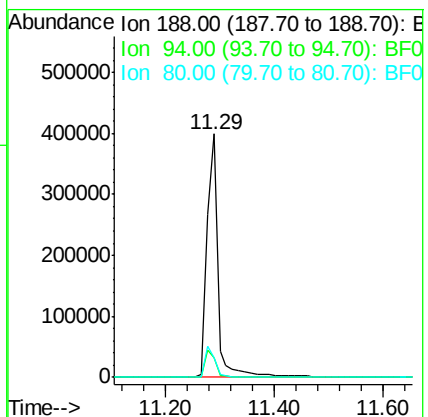
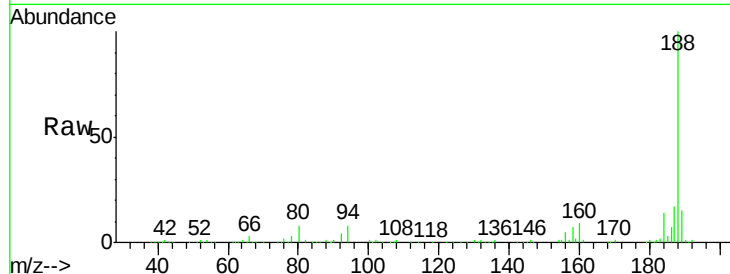




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086517.D
Acq: 30 Apr 2016 12:09

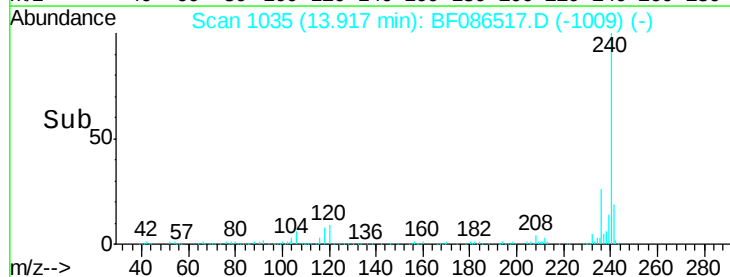
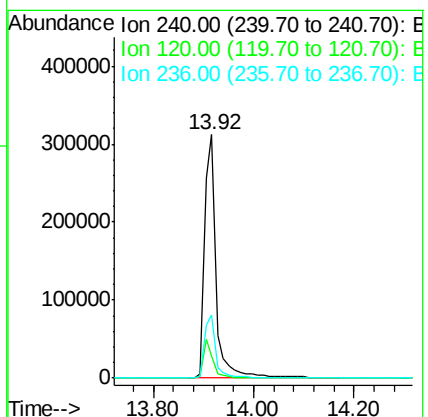
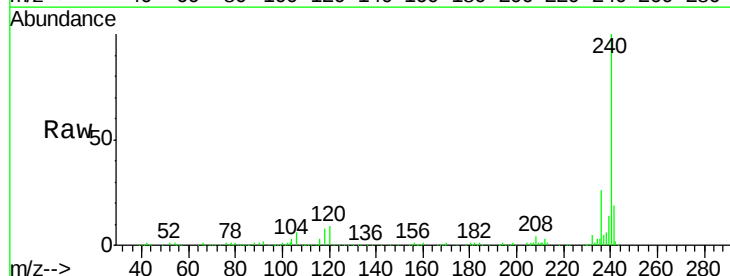
Instrument :
BNA_F
ClientSampled :
PB90056BL

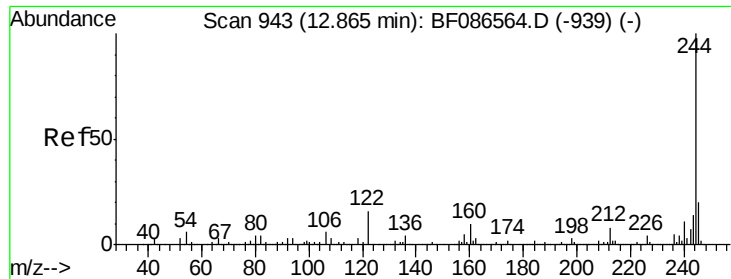
Tgt Ion:188 Resp: 555763
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.0 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086517.D
Acq: 30 Apr 2016 12:09

Tgt Ion:240 Resp: 495529
Ion Ratio Lower Upper
240 100
120 8.9 11.2 16.8#
236 25.9 21.2 31.8

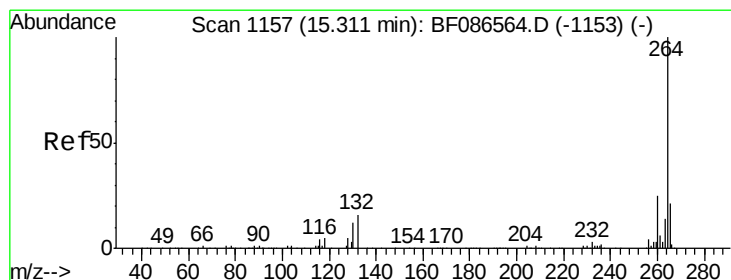
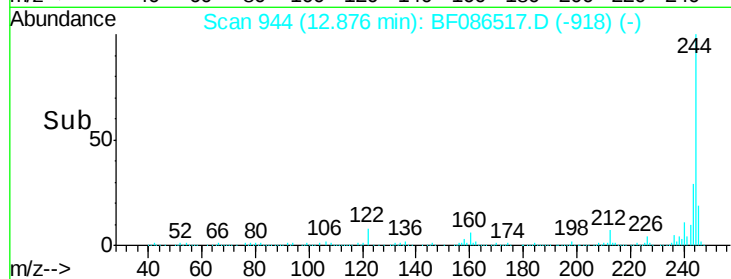
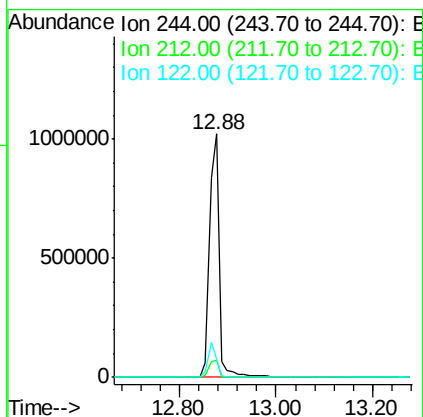
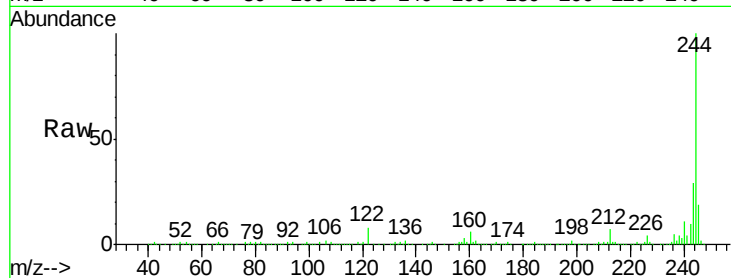




#78
 Terphenyl-d14
 Concen: 64.94 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB90056BL

Tgt Ion:244 Resp: 1460610
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 7.5 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: BF086517.D
 Acq: 30 Apr 2016 12:09

Tgt Ion:264 Resp: 367116
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.3 17.3 25.9

