

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087032.D
 Acq On : 14 May 2016 21:08
 Operator : UM/SJ
 Sample : PB90536BL
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BL

Quant Time: May 16 05:23:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	134462	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	563287	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	267213	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	502611	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	349451	20.00	ng	-0.01
86) Perylene-d12	15.11	264	293297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	980940	123.55	ng	0.01
7) Phenol-d6	6.28	99	1462409	137.82	ng	0.00
23) Nitrobenzene-d5	7.19	82	980893	87.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	300626	106.27	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1561761	98.23	ng	0.00
78) Terphenyl-d14	12.71	244	1255812	76.25	ng	0.00

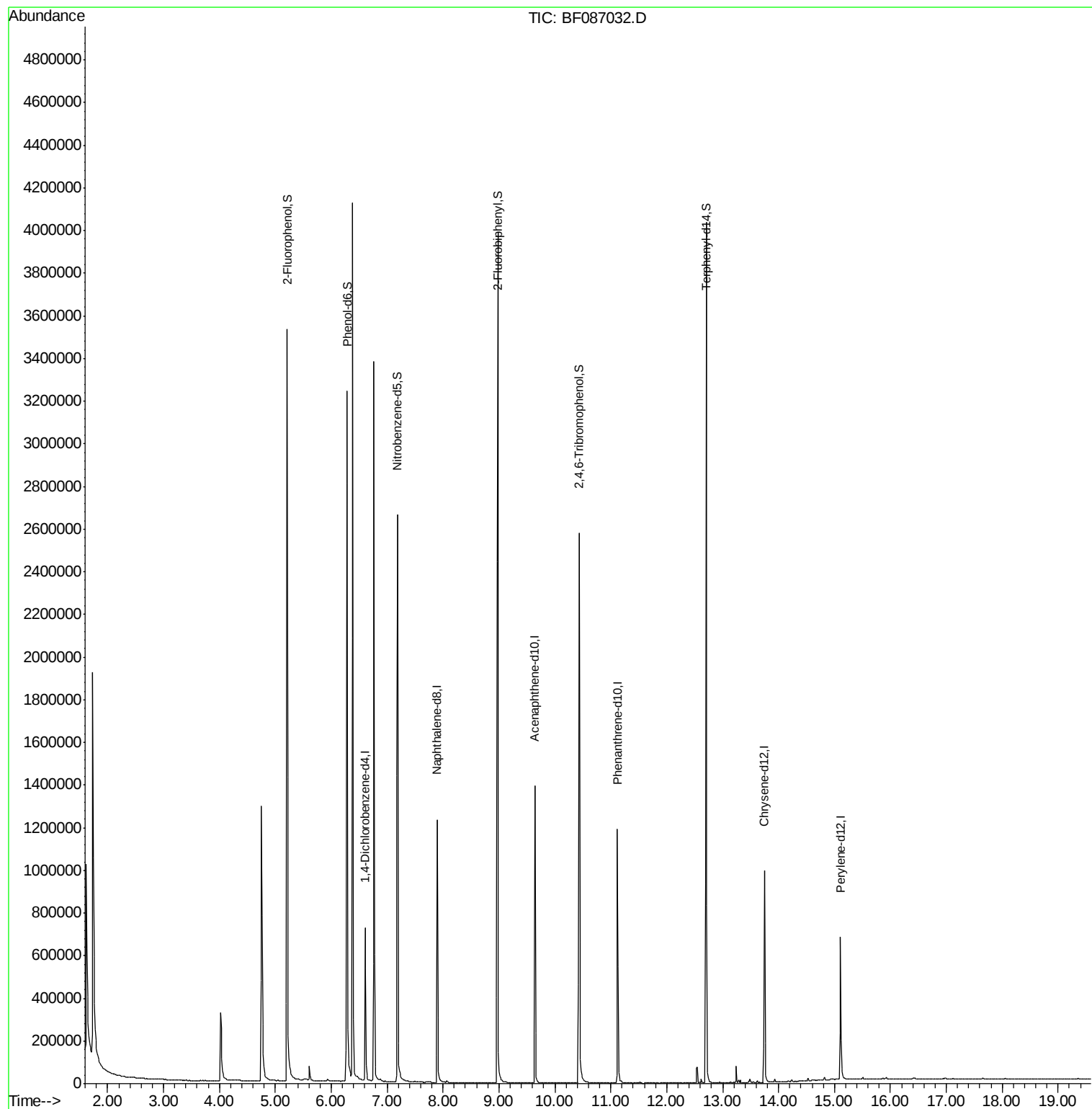
Target Compounds	Qvalue
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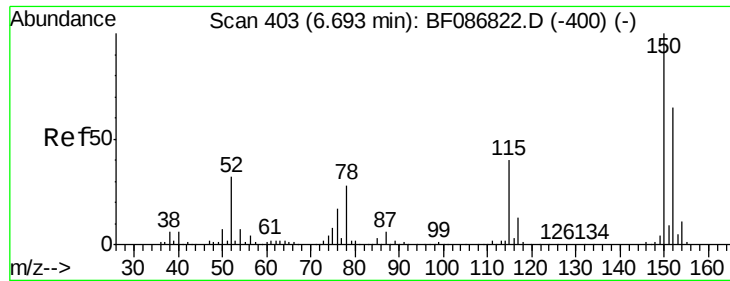
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

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PB90536BL

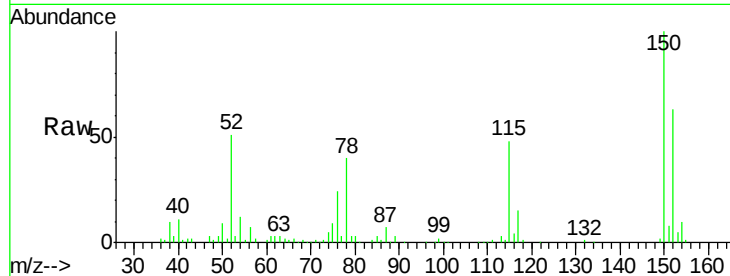
Tgt Ion:152 Resp: 134462

Ion Ratio Lower Upper

152 100

150 159.5 125.8 188.6

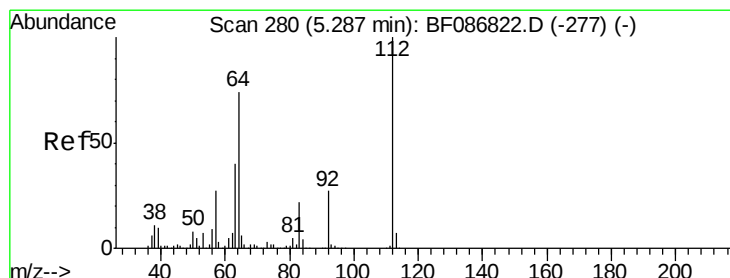
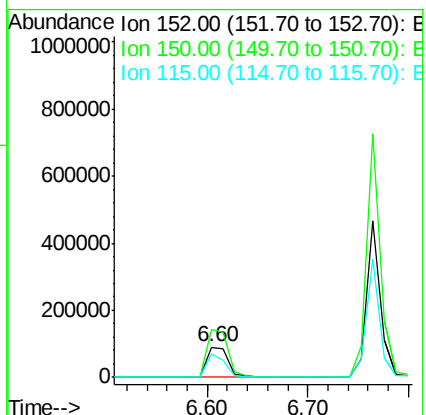
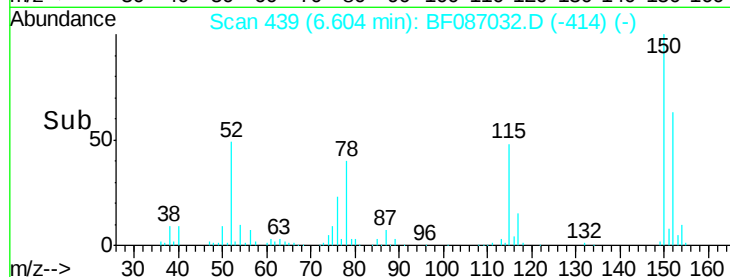
115 76.6 51.5 77.3



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: 123.55 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087032.D

Acq: 14 May 2016 21:08

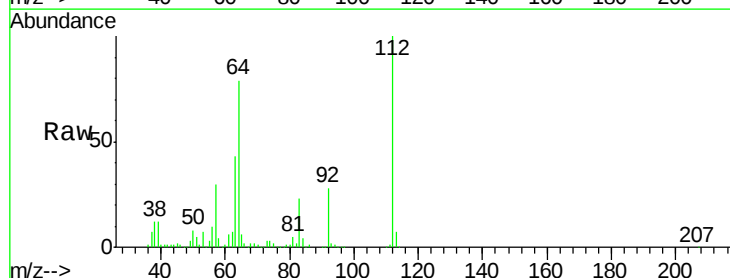
Tgt Ion:112 Resp: 980940

Ion Ratio Lower Upper

112 100

64 78.8 52.1 78.1#

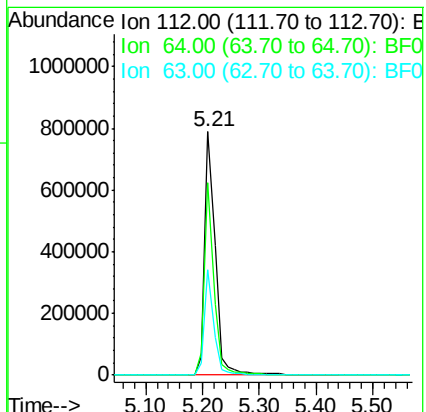
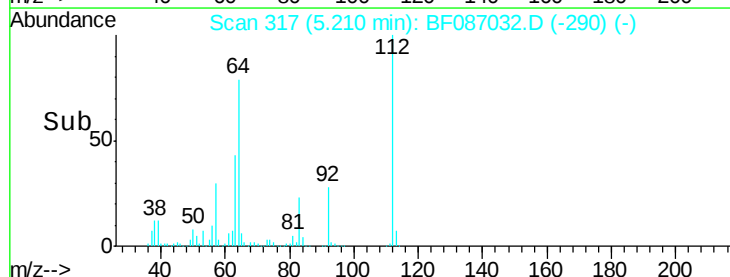
63 43.4 25.7 38.5#

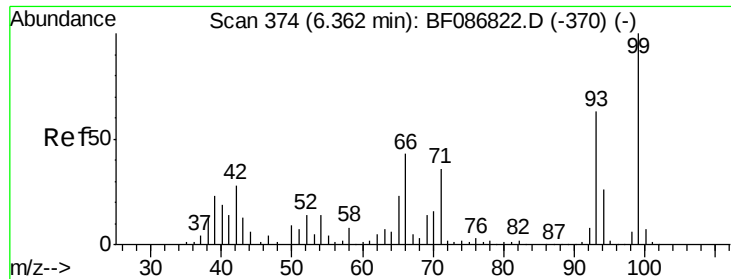


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.82 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087032.D

Acq: 14 May 2016 21:08

Instrument :

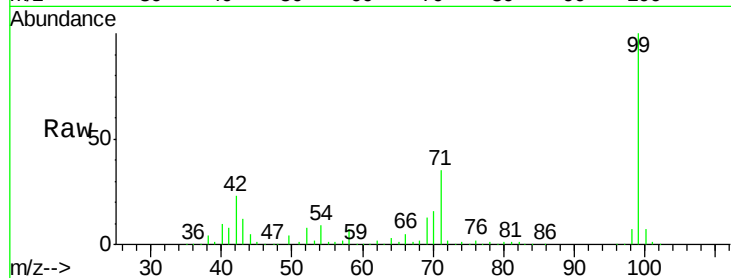
BNA_F

ClientSampleId :

PB90536BL

Tgt Ion: 99 Resp: 1462409

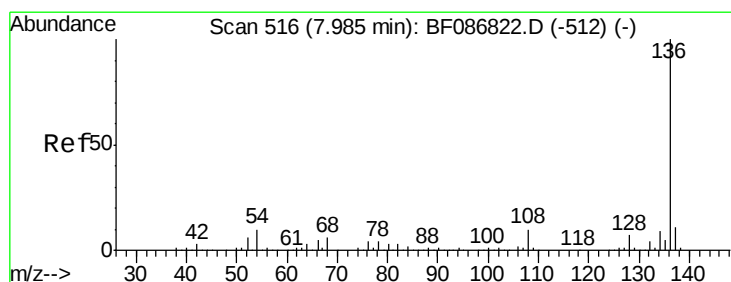
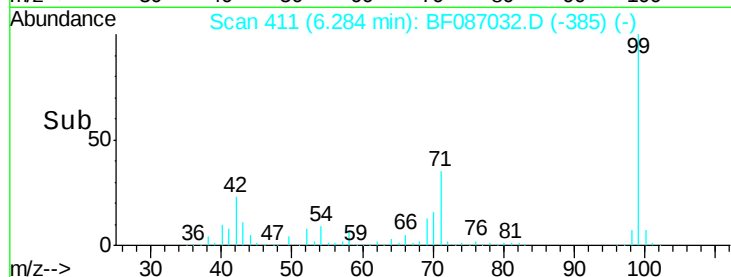
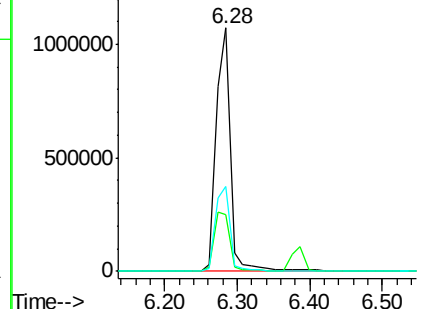
Ion	Ratio	Lower	Upper
99	100		
42	23.3	13.6	20.4#
71	34.7	24.6	36.8



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: 7.90 min Scan# 552

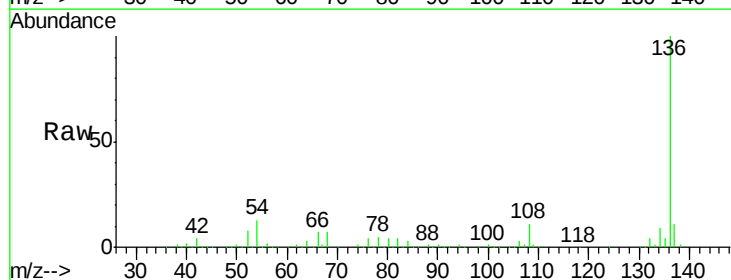
Delta R.T. -0.01 min

Lab File: BF087032.D

Acq: 14 May 2016 21:08

Tgt Ion: 136 Resp: 563287

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.3	5.0	7.4#
68	6.8	4.4	6.6#

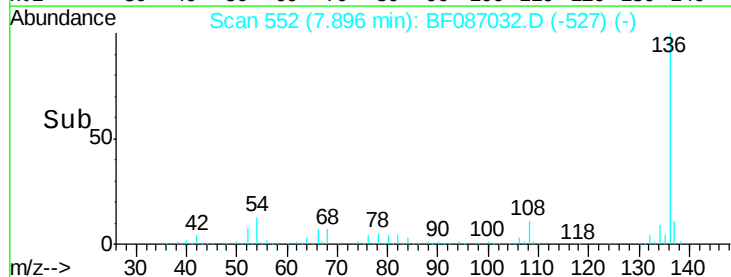
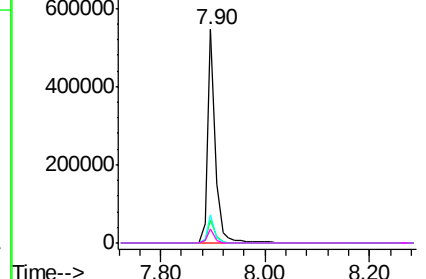


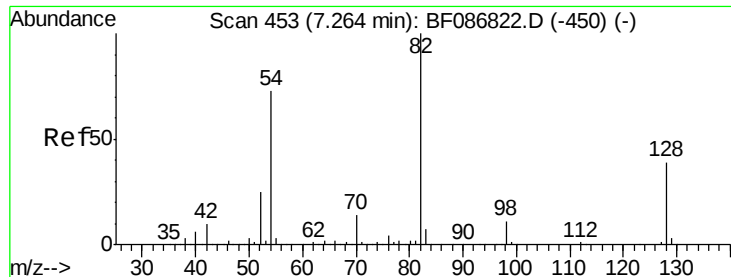
Abundance Ion 136.00 (135.70 to 136.70): E

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

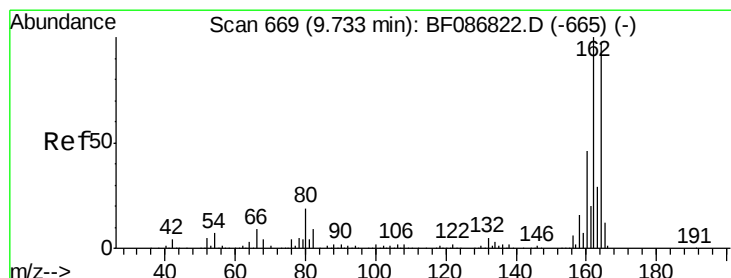
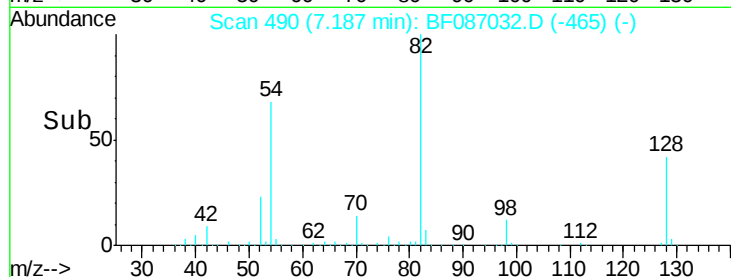
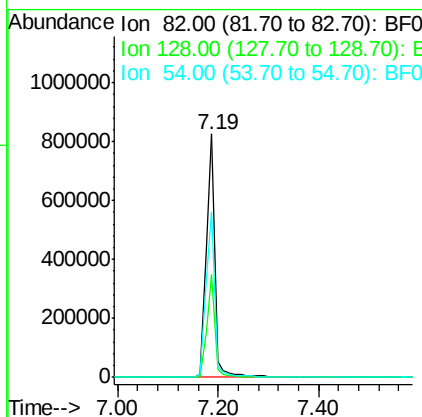
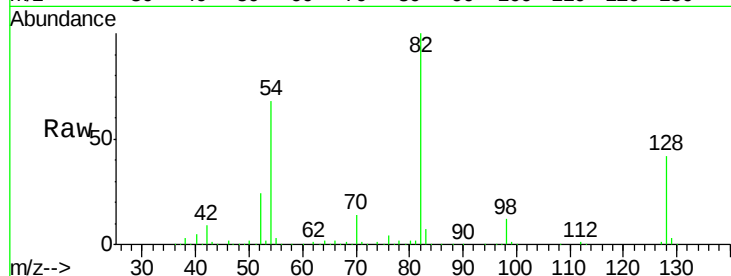




#23
 Nitrobenzene-d5
 Concen: 87.44 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087032.D
 Acq: 14 May 2016 21:08

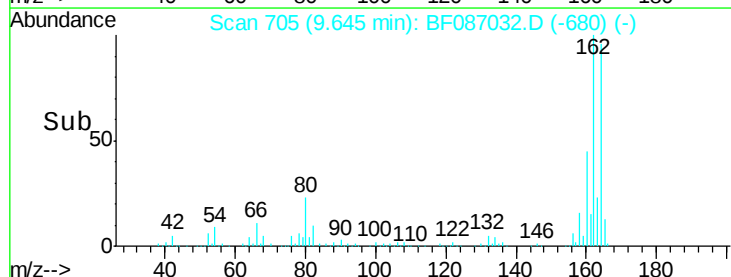
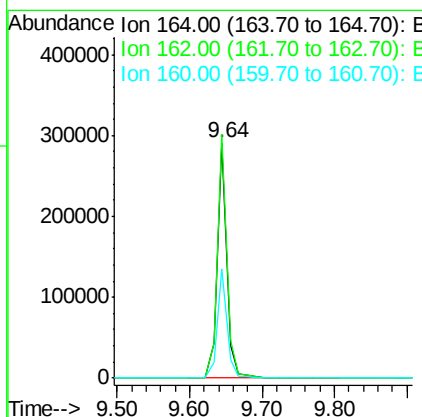
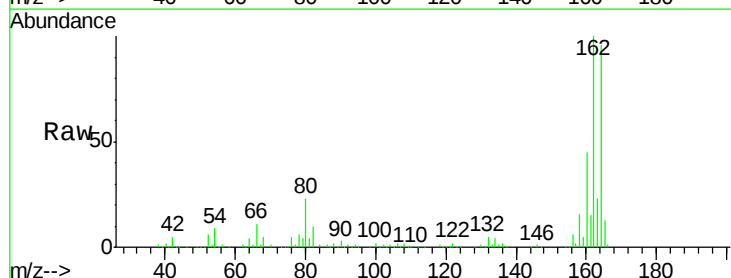
Instrument :
 BNA_F
 ClientSampleId :
 PB90536BL

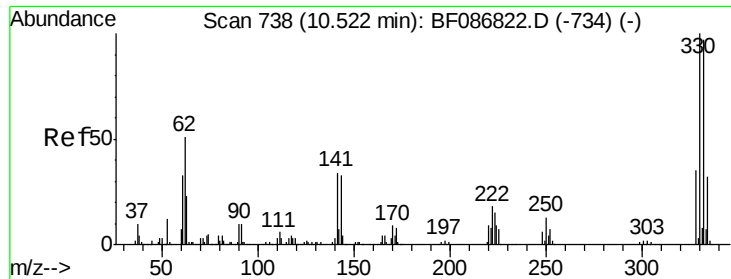
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.1	40.6	61.0
54	68.0	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087032.D
 Acq: 14 May 2016 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	46.4	36.9	55.3

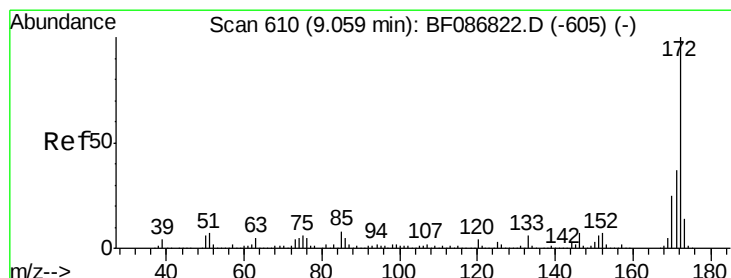
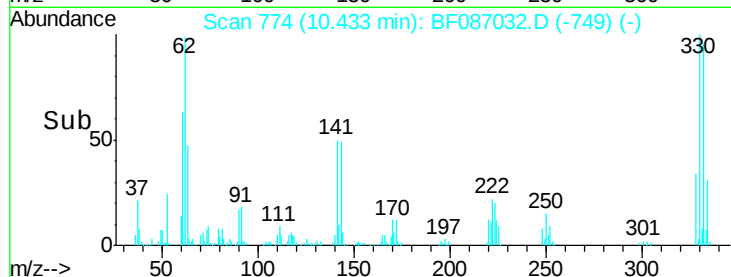
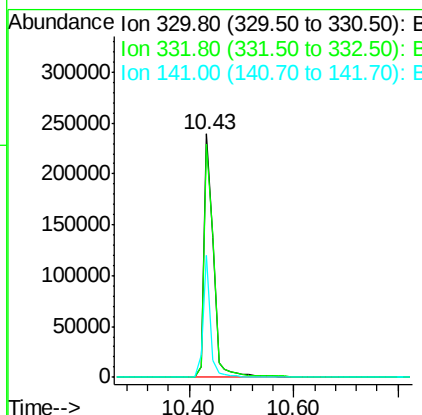
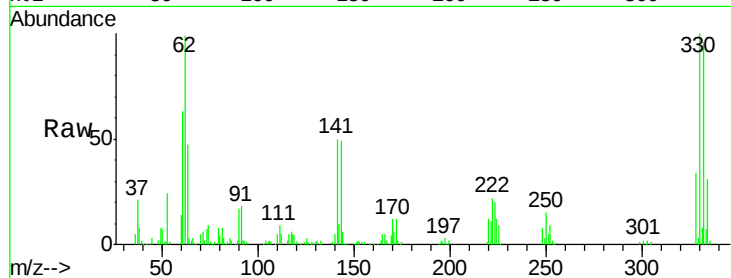




#41
 2,4,6-Tribromophenol
 Concen: 106.27 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087032.D
 Acq: 14 May 2016 21:08

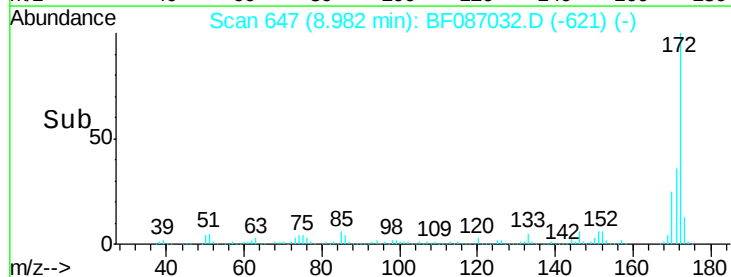
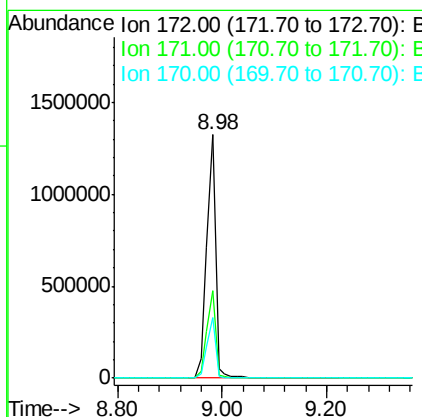
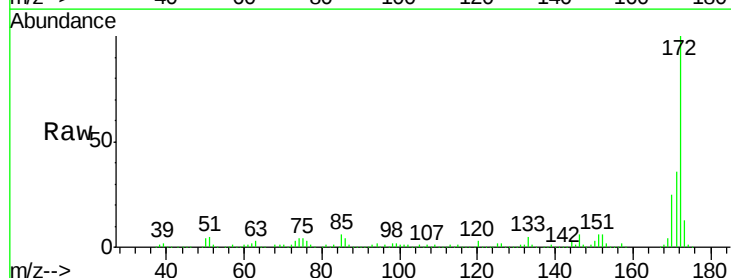
Instrument :
 BNA_F
 ClientSampleId :
 PB90536BL

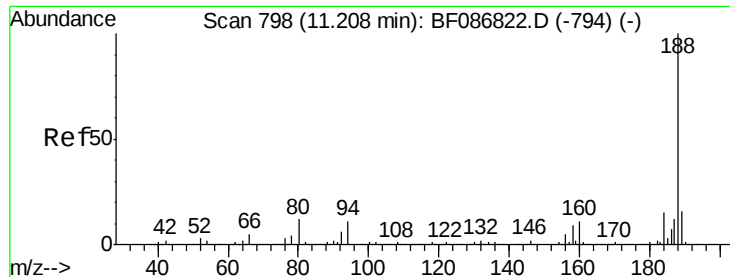
Tgt Ion:330 Resp: 300626
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 39.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 98.23 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087032.D
 Acq: 14 May 2016 21:08

Tgt Ion:172 Resp: 1561761
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.7 19.8 29.8

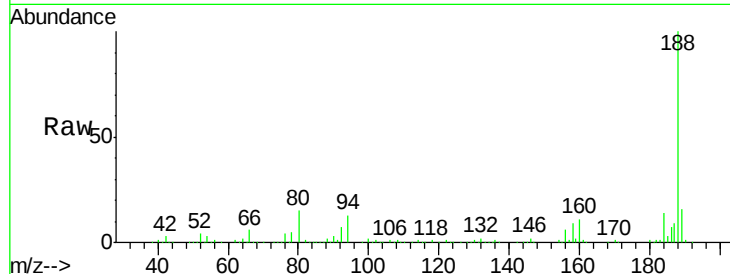




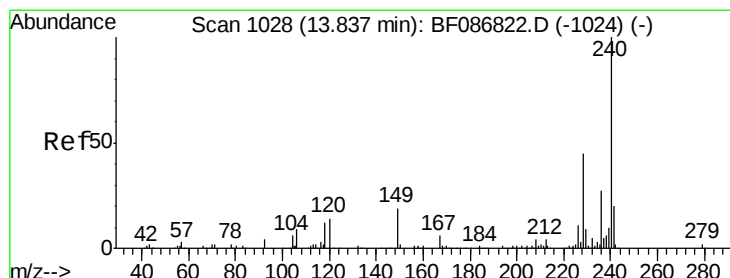
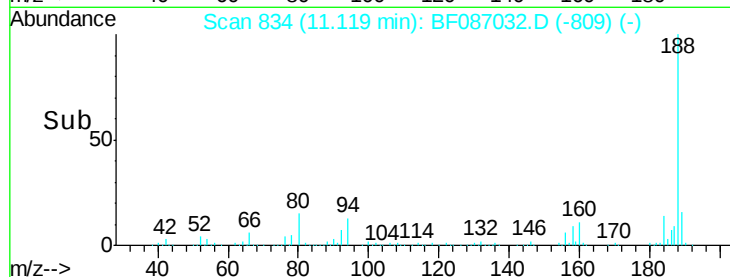
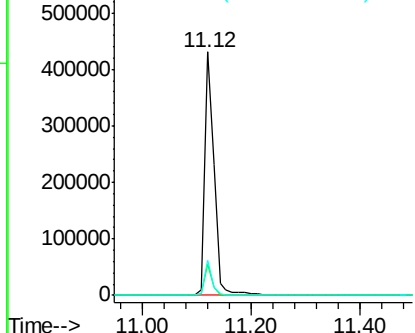
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087032.D
Acq: 14 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90536BL

Tgt Ion:188 Resp: 502611
Ion Ratio Lower Upper
188 100
94 13.0 6.8 10.2#
80 14.6 7.1 10.7#

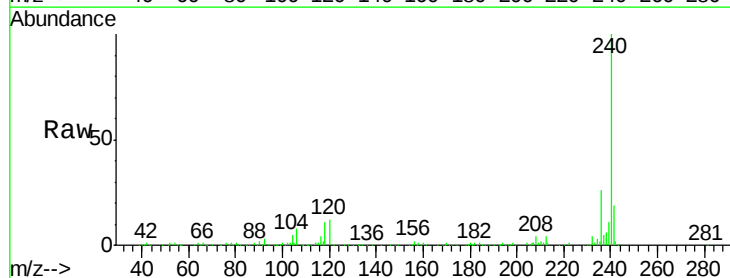


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

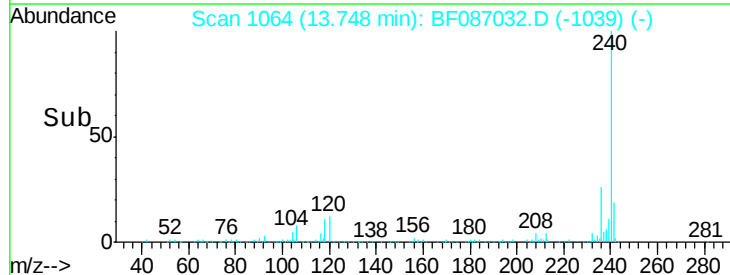
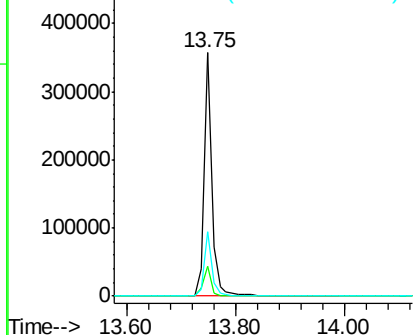


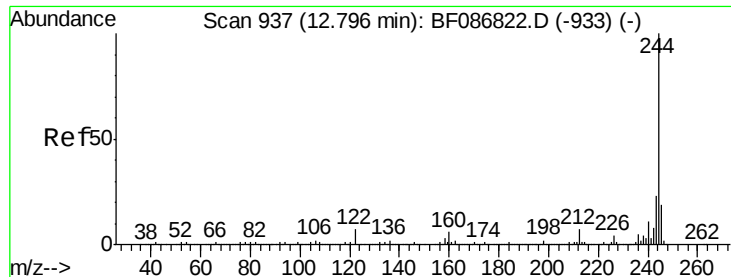
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087032.D
Acq: 14 May 2016 21:08

Tgt Ion:240 Resp: 349451
Ion Ratio Lower Upper
240 100
120 12.1 11.2 16.8
236 26.3 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

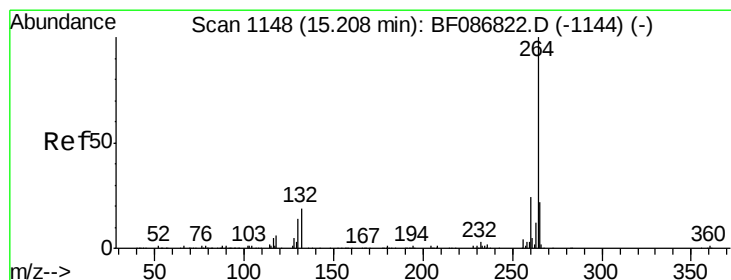
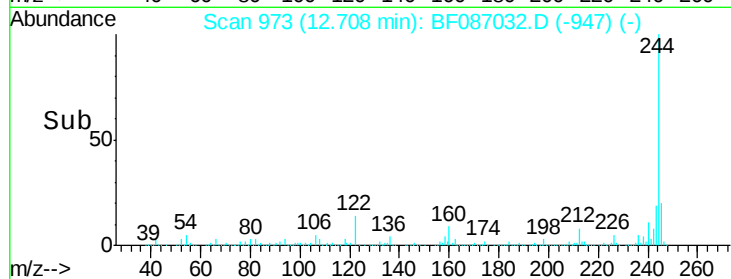
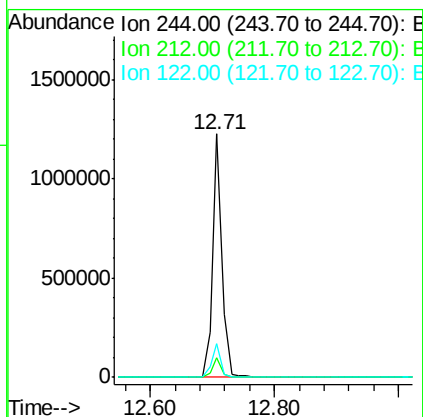
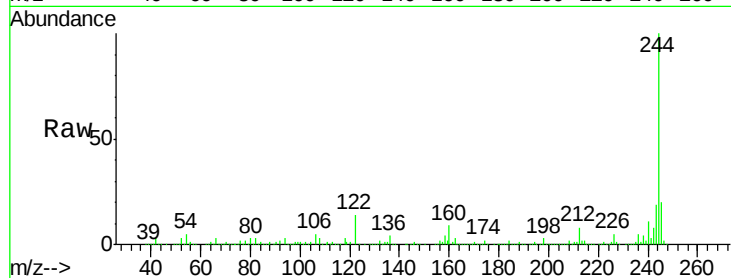




#78
 Terphenyl-d14
 Concen: 76.25 ng
 RT: 12.71 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF087032.D
 Acq: 14 May 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90536BL

Tgt Ion:244 Resp: 1255812
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 13.7 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087032.D
 Acq: 14 May 2016 21:08

Tgt Ion:264 Resp: 293297
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.4 17.3 25.9

