

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087031.D
 Acq On : 14 May 2016 20:38
 Operator : UM/SJ
 Sample : PB90490BL
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BL

Quant Time: May 16 05:21:37 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	137479	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	570449	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	277728	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	509944	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	354884	20.00	ng	-0.01
86) Perylene-d12	15.11	264	295519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	913929	112.58	ng	0.01
7) Phenol-d6	6.28	99	1275412	117.56	ng	0.00
23) Nitrobenzene-d5	7.19	82	872347	76.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	269826	91.77	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1425424	86.26	ng	0.00
78) Terphenyl-d14	12.71	244	1160604	69.39	ng	0.00

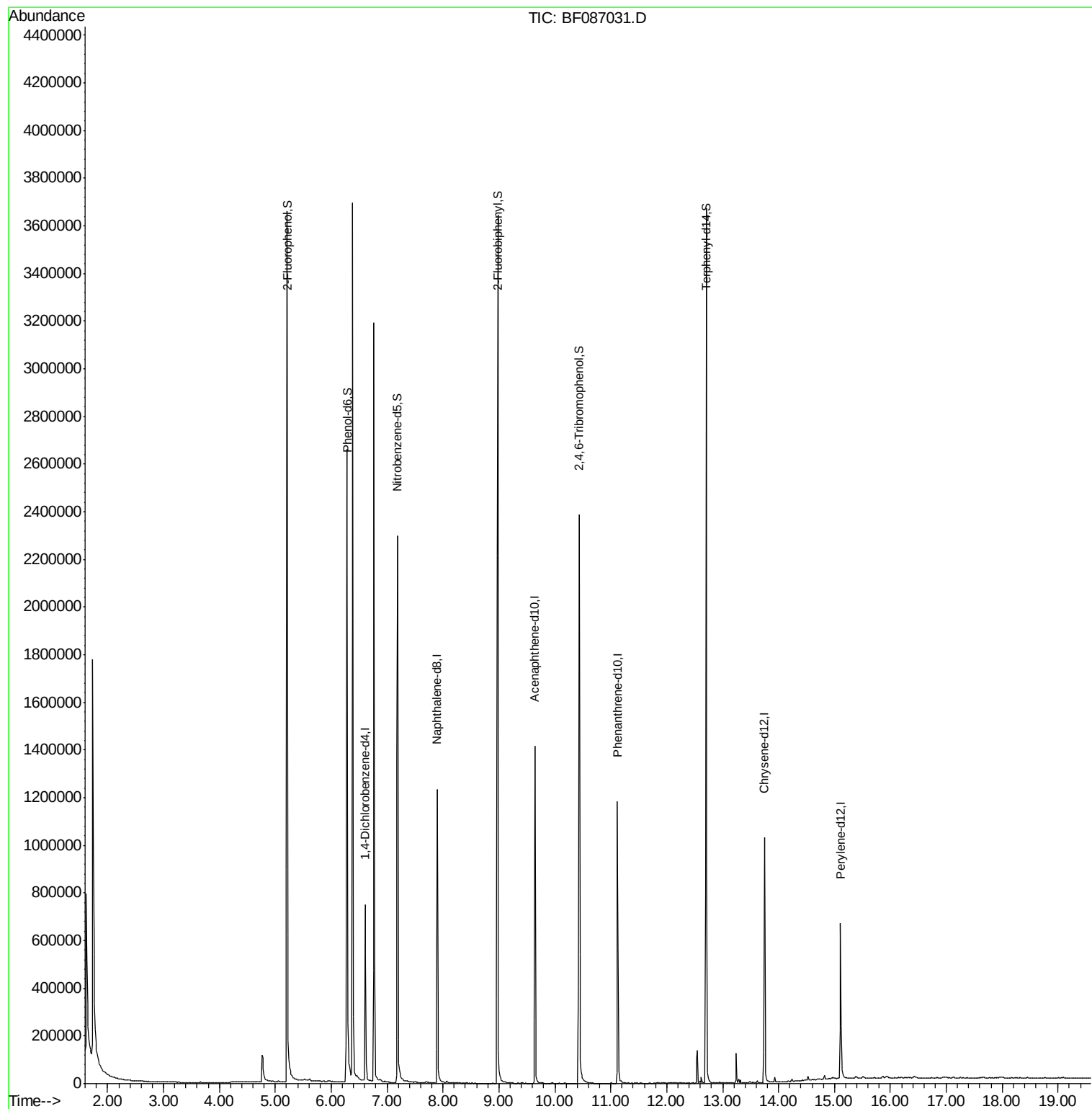
Target Compounds	Qvalue
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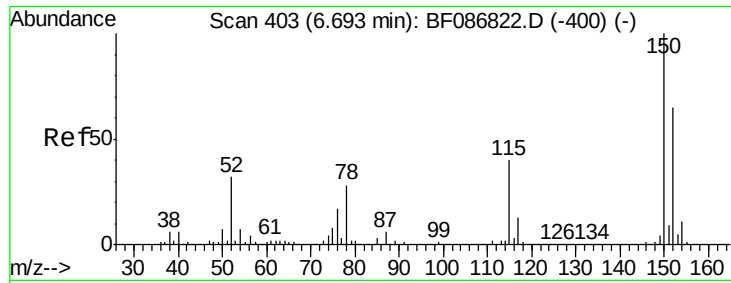
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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BNA_F

ClientSampleId :

PB90490BL

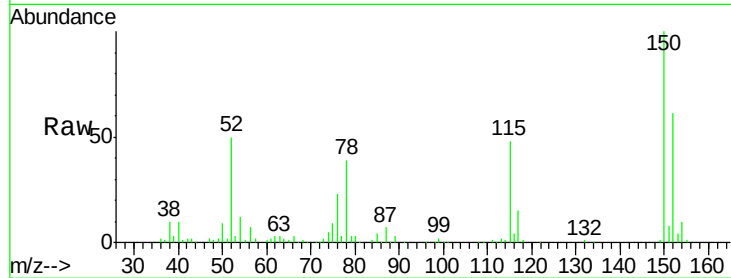
Tgt Ion:152 Resp: 137479

Ion Ratio Lower Upper

152 100

150 162.8 125.8 188.6

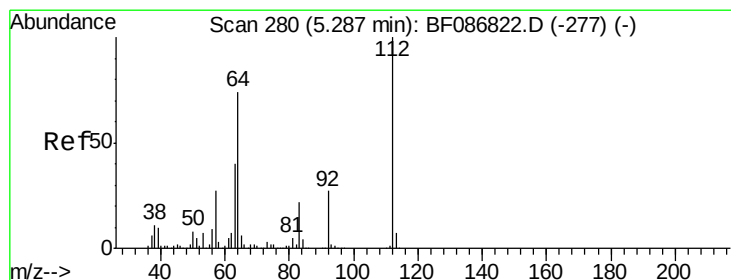
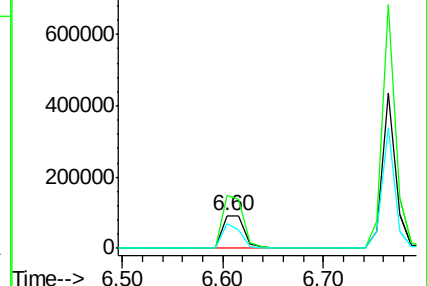
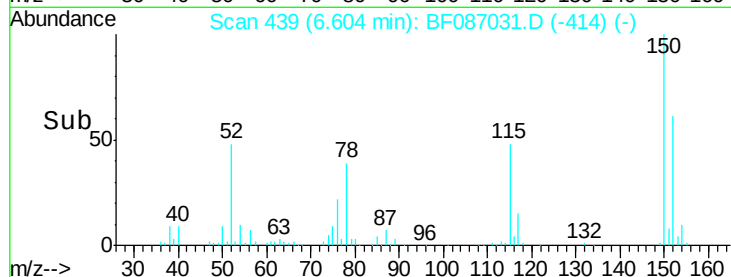
115 77.7 51.5 77.3#



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: 112.58 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

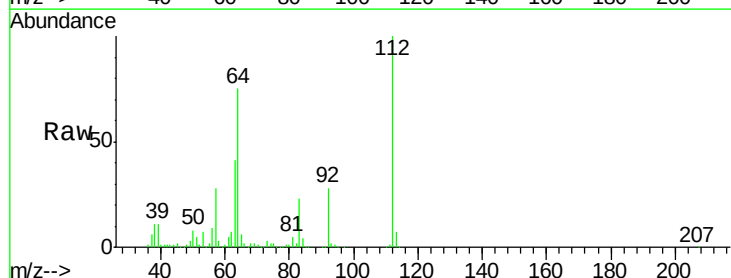
Tgt Ion:112 Resp: 913929

Ion Ratio Lower Upper

112 100

64 74.7 52.1 78.1

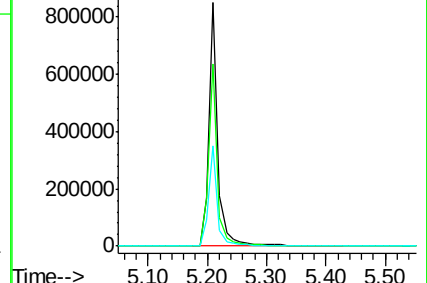
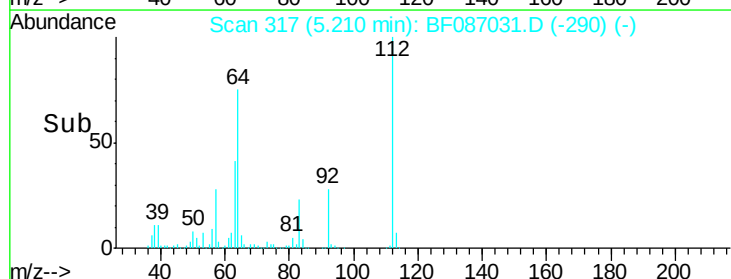
63 41.1 25.7 38.5#

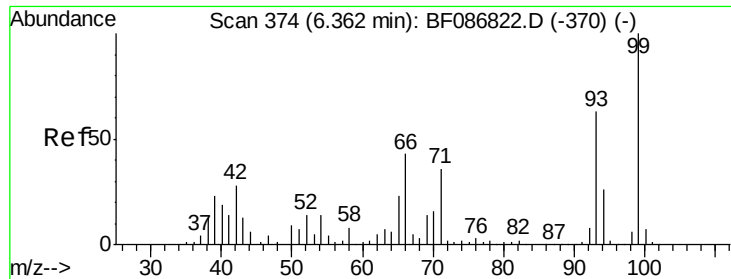


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.56 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

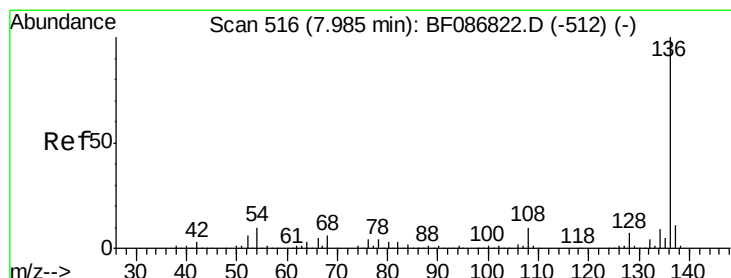
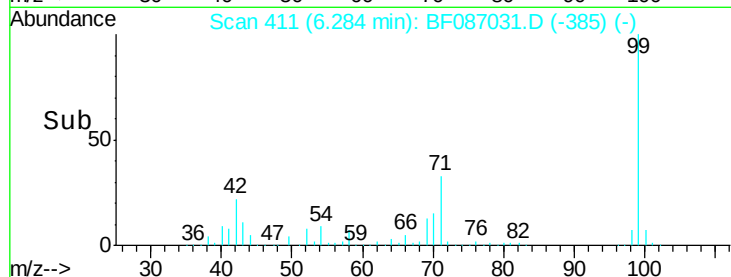
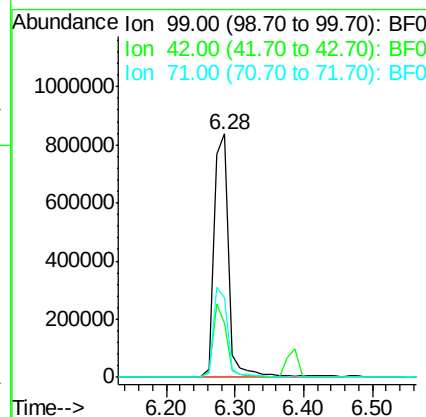
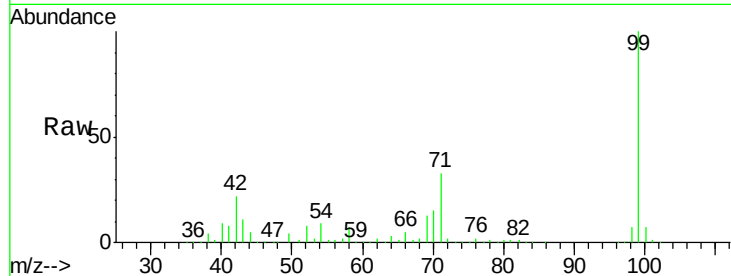
BNA_F

ClientSampleId :

PB90490BL

Tgt Ion: 99 Resp: 1275412

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.6	20.4#
71	32.9	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

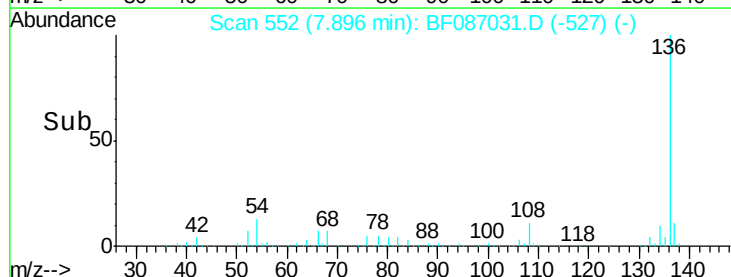
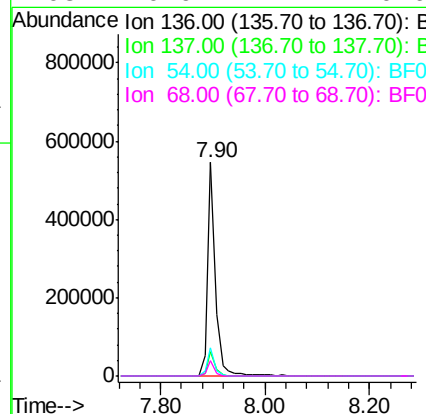
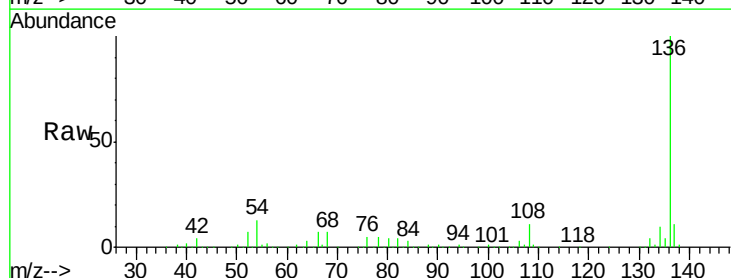
Delta R.T. -0.01 min

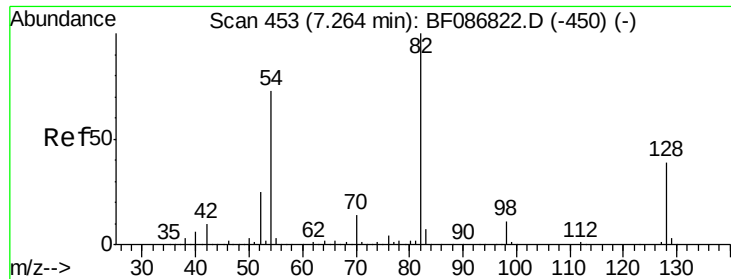
Lab File: BF087031.D

Acq: 14 May 2016 20:38

Tgt Ion: 136 Resp: 570449

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	13.3	5.0	7.4#
68	6.9	4.4	6.6#

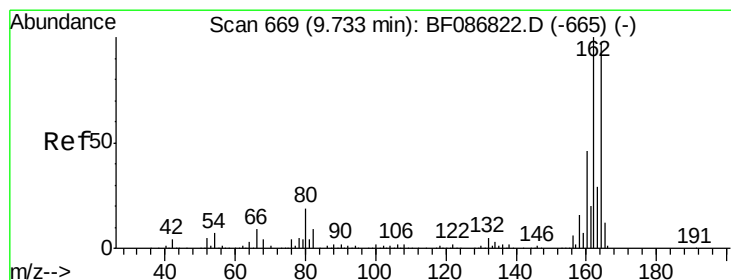
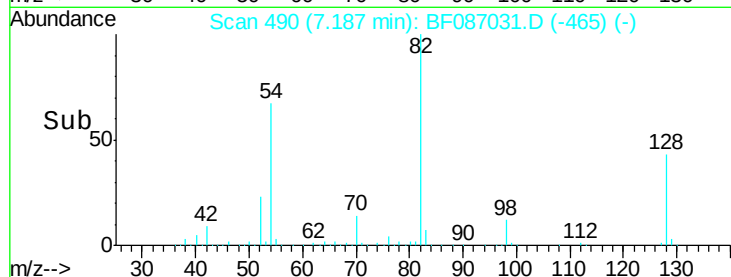
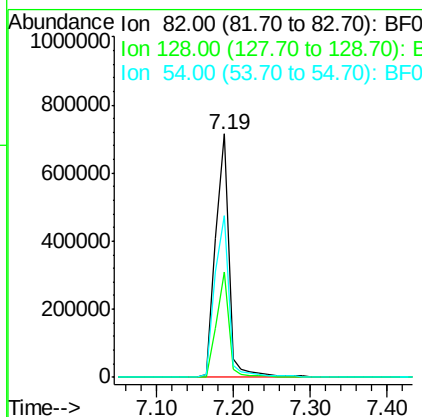
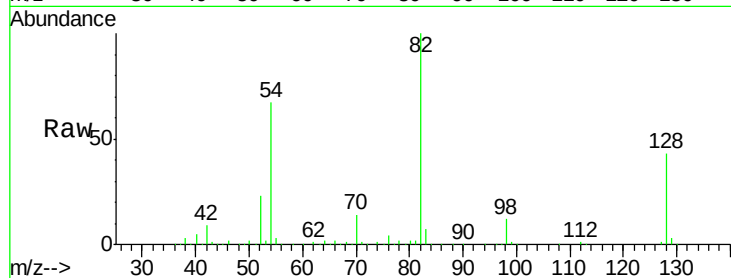




#23
 Nitrobenzene-d5
 Concen: 76.79 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087031.D
 Acq: 14 May 2016 20:38

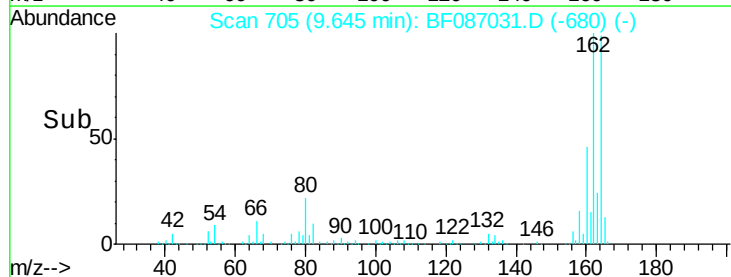
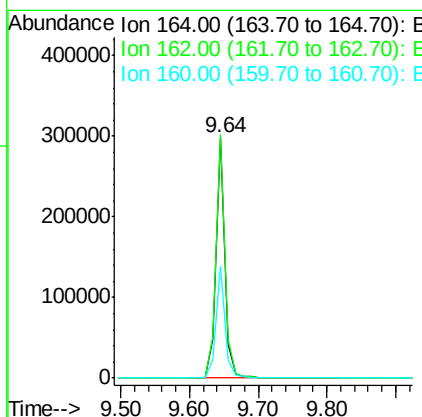
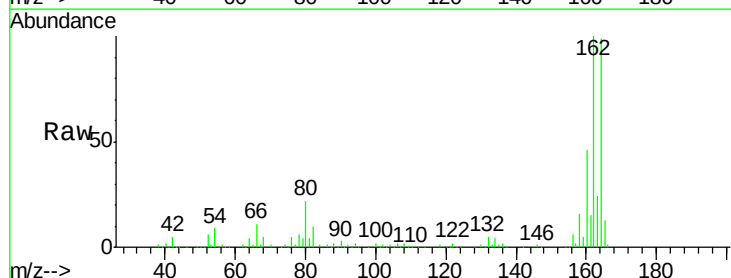
Instrument :
 BNA_F
 ClientSampleId :
 PB90490BL

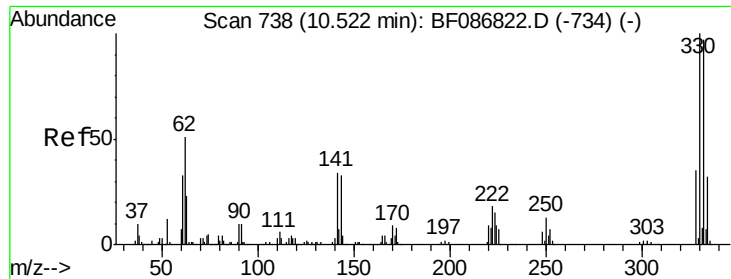
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	61.0
54	66.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087031.D
 Acq: 14 May 2016 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	46.6	36.9	55.3

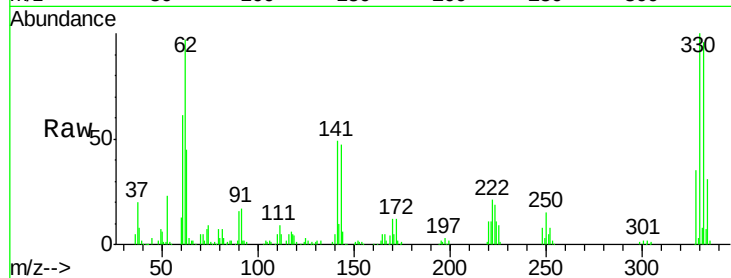




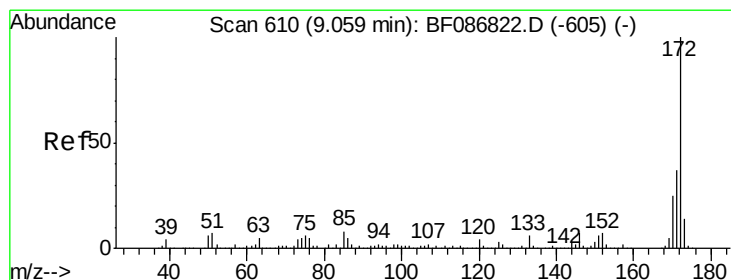
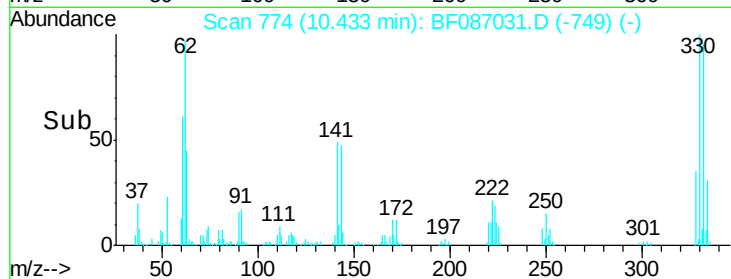
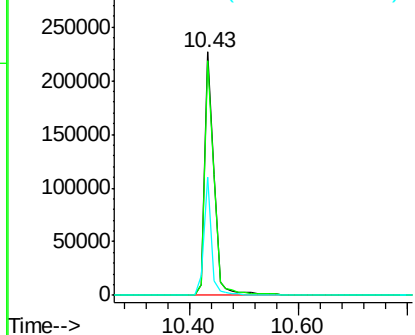
#41
 2,4,6-Tribromophenol
 Concen: 91.77 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087031.D
 Acq: 14 May 2016 20:38

Instrument :
 BNA_F
 ClientSampleId :
 PB90490BL

Tgt Ion:330 Resp: 269826
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 39.4 31.2 46.8

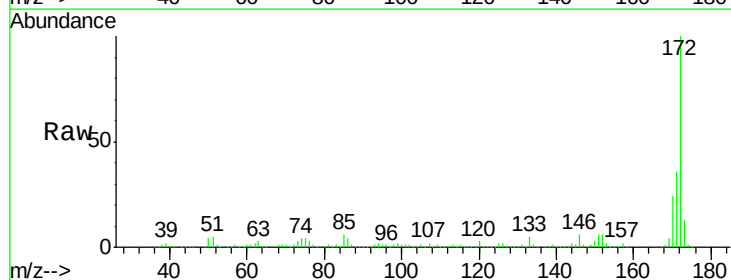


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

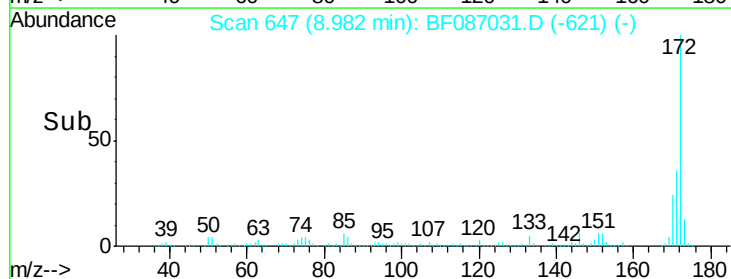
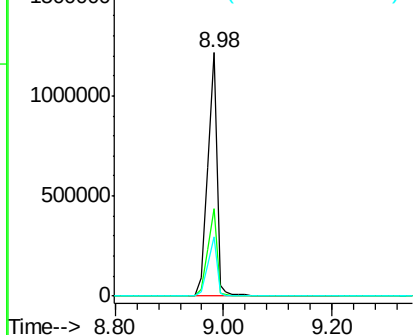


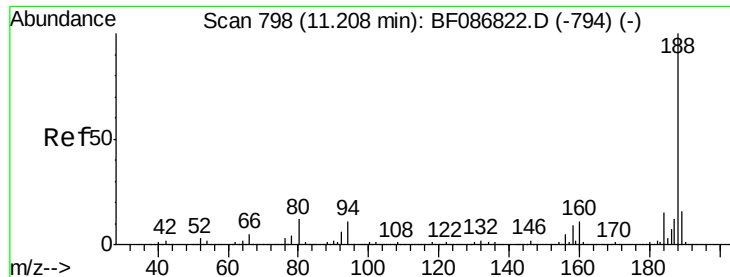
#44
 2-Fluorobiphenyl
 Concen: 86.26 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087031.D
 Acq: 14 May 2016 20:38

Tgt Ion:172 Resp: 1425424
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 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

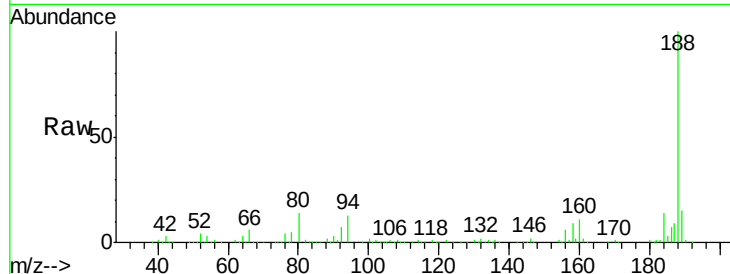




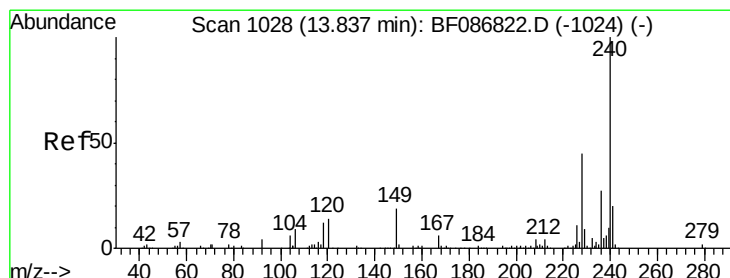
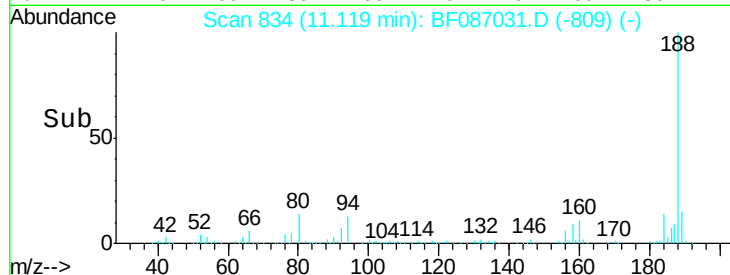
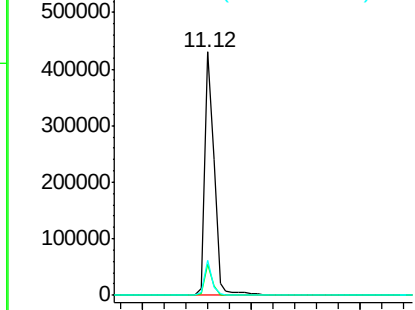
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087031.D
Acq: 14 May 2016 20:38

Instrument :
BNA_F
ClientSampleId :
PB90490BL

Tgt Ion:188 Resp: 509944
Ion Ratio Lower Upper
188 100
94 13.1 6.8 10.2#
80 14.5 7.1 10.7#

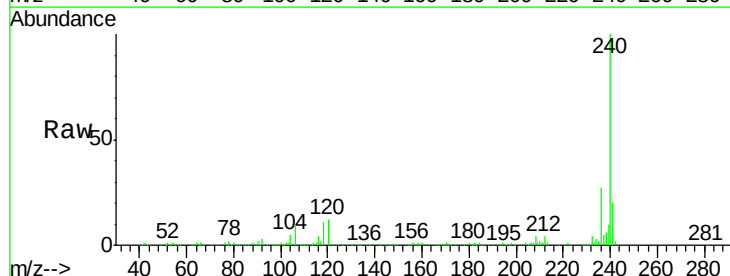


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

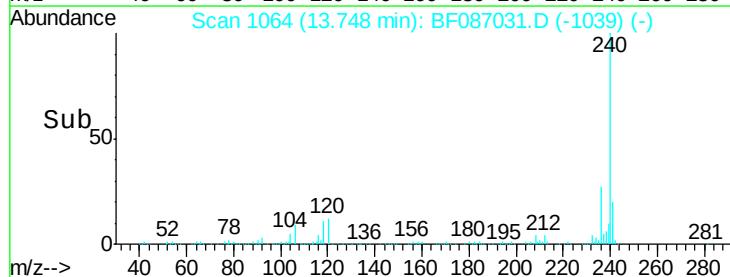
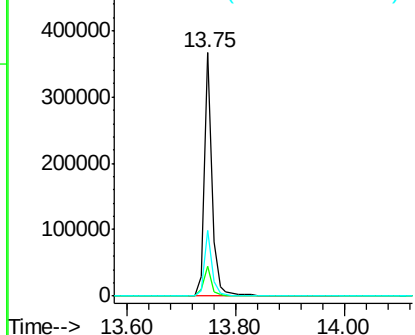


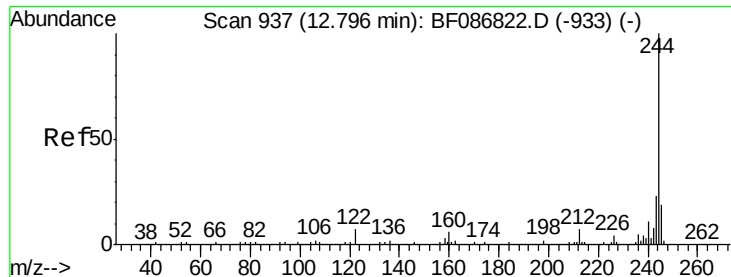
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087031.D
Acq: 14 May 2016 20:38

Tgt Ion:240 Resp: 354884
Ion Ratio Lower Upper
240 100
120 12.3 11.2 16.8
236 26.8 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: 69.39 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

Instrument :

BNA_F

ClientSampleId :

PB90490BL

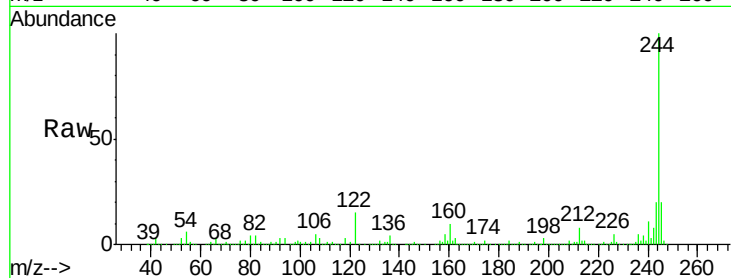
Tgt Ion:244 Resp: 1160604

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

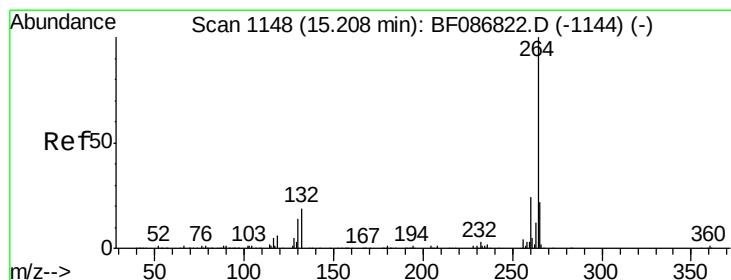
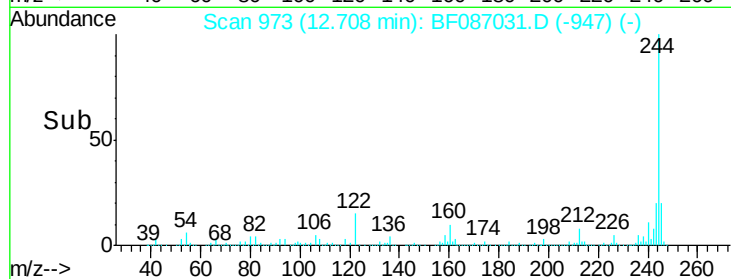
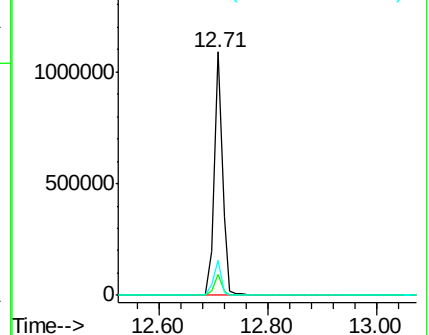
122 14.5 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF087031.D

Acq: 14 May 2016 20:38

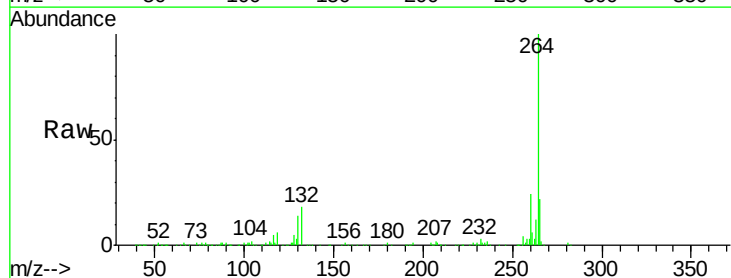
Tgt Ion:264 Resp: 295519

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

