

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085035.D
 Acq On : 12 Feb 2016 2:21
 Operator : SJ/IZ
 Sample : PB88306TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88306TB

Quant Time: Feb 12 04:33:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	140417	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	611785	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	287014	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	502592	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	325804	20.00	ng	-0.02
86) Perylene-d12	15.11	264	285265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1017534	112.87	ng	0.00
7) Phenol-d6	6.26	99	1293978	115.78	ng	-0.02
23) Nitrobenzene-d5	7.18	82	792286	72.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	310105	103.58	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1645541	104.65	ng	-0.01
78) Terphenyl-d14	12.71	244	1336786	92.98	ng	-0.02

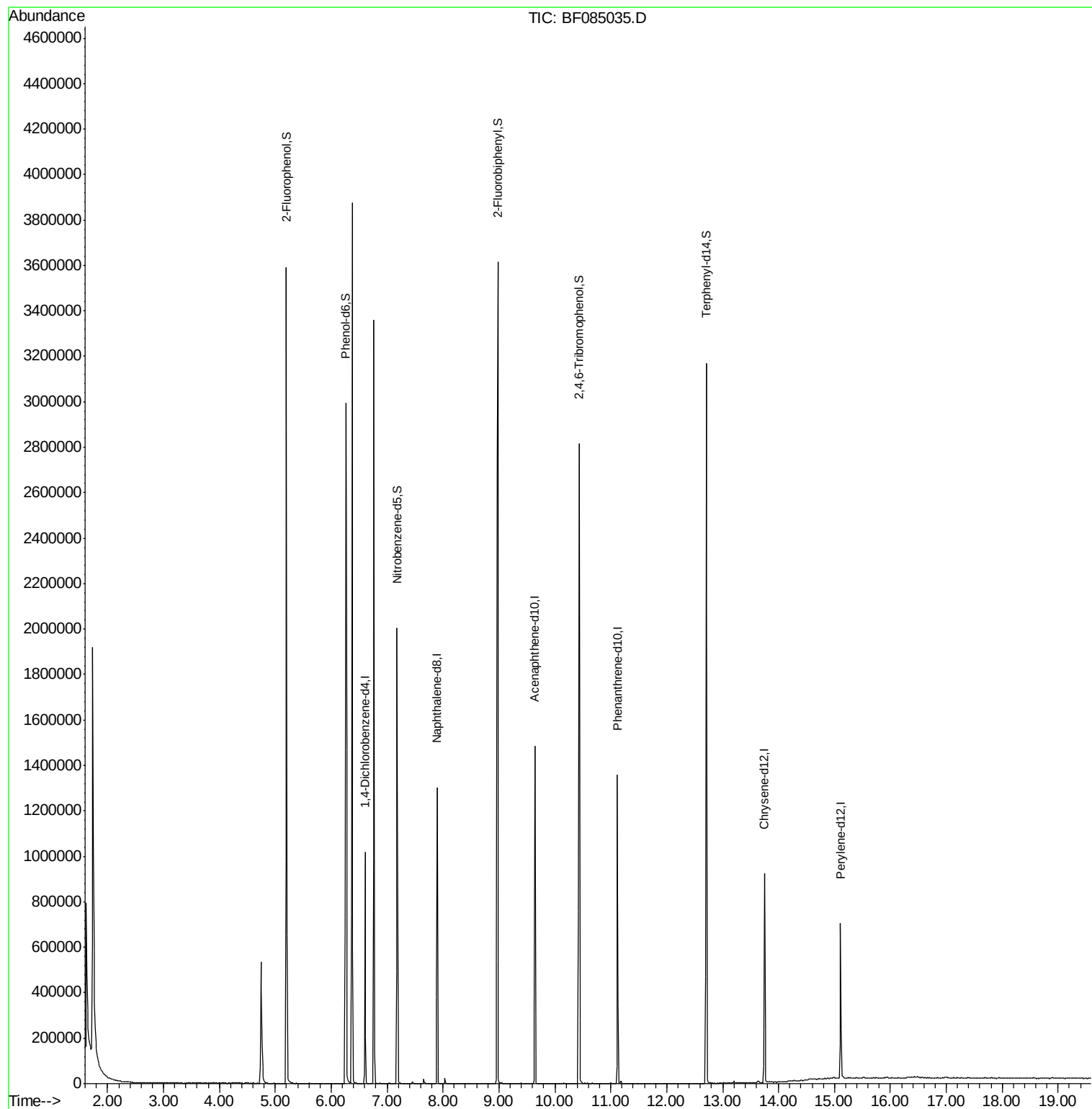
Target Compounds	Qvalue
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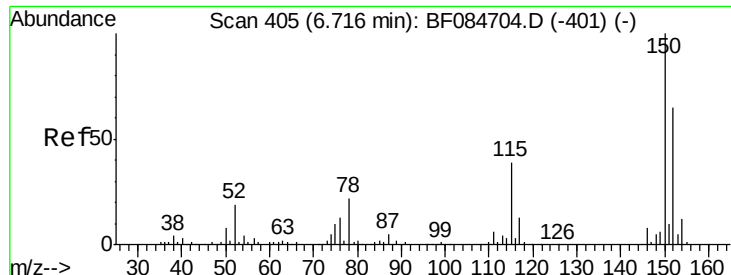
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

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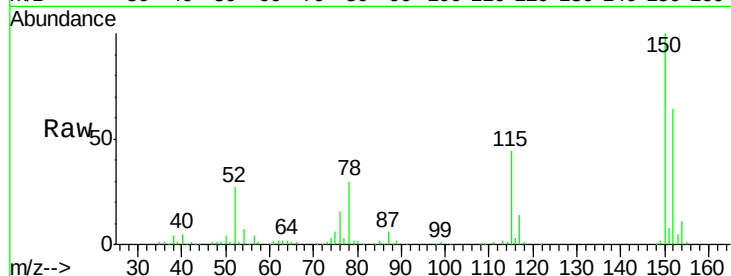
Tgt Ion:152 Resp: 140417

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

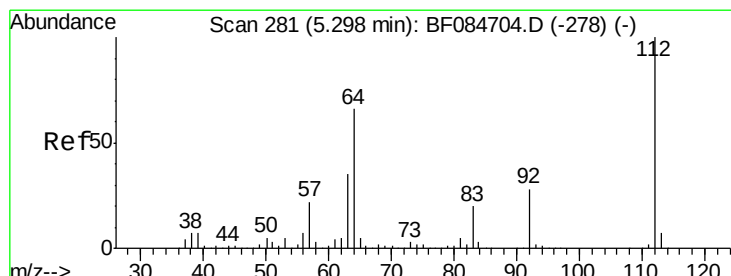
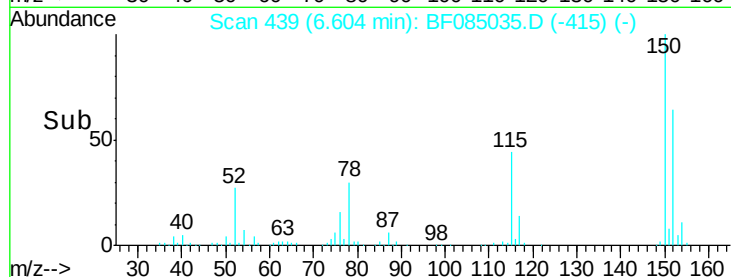
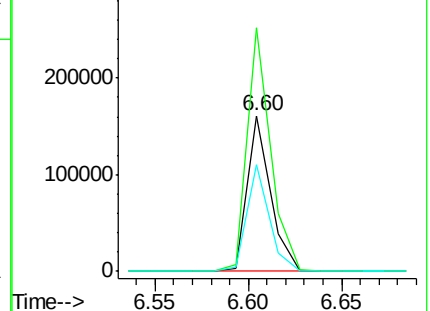
115 68.6 51.4 77.2



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: 112.87 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

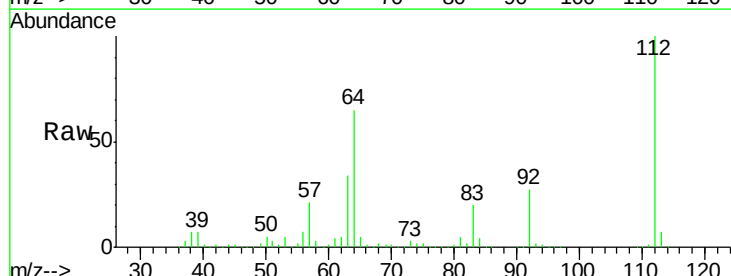
Tgt Ion:112 Resp: 1017534

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

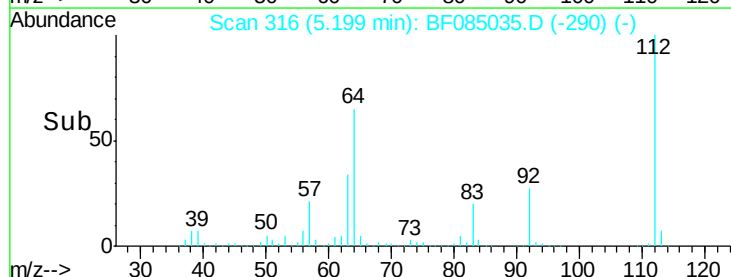
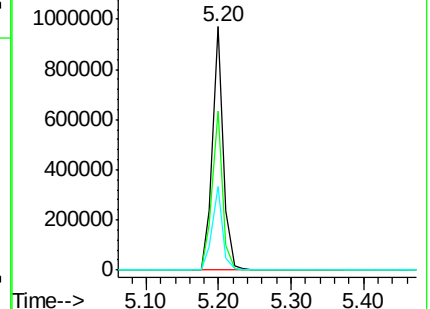
63 34.2 19.4 29.0#

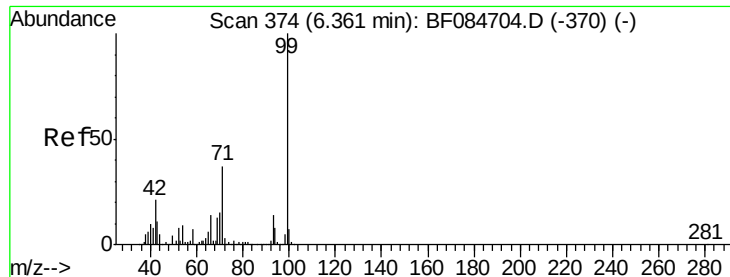


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.78 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

Instrument :

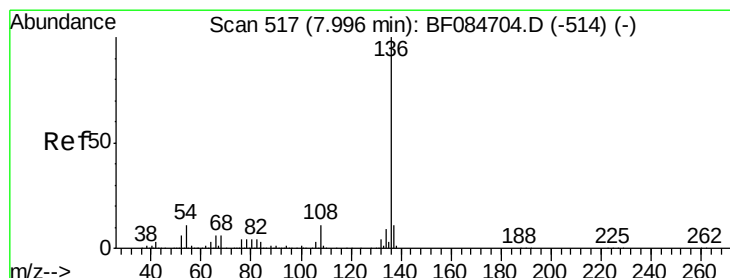
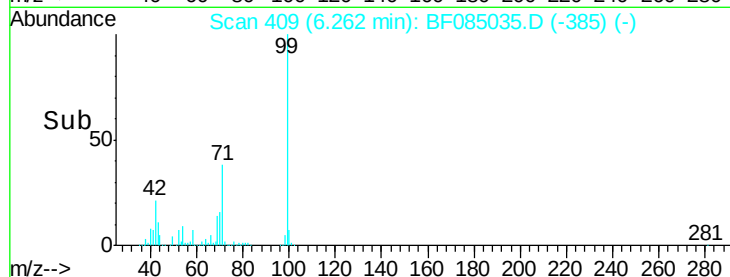
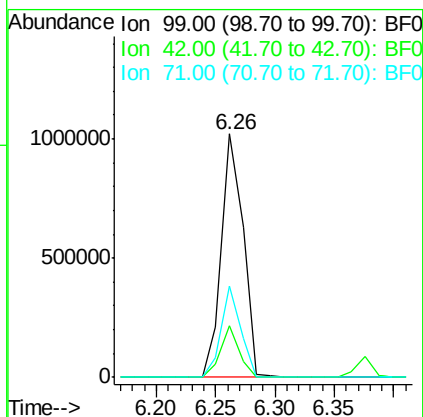
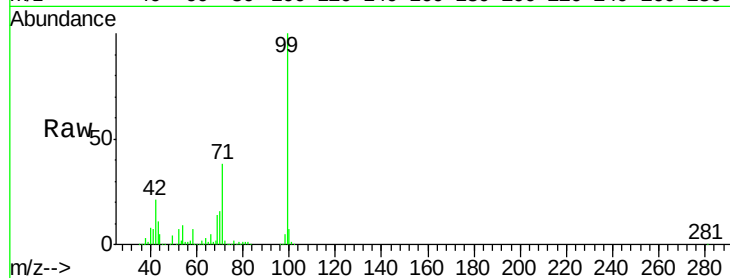
BNA_F

ClientSampleId :

PB88306TB

Tgt Ion: 99 Resp: 1293978

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	37.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

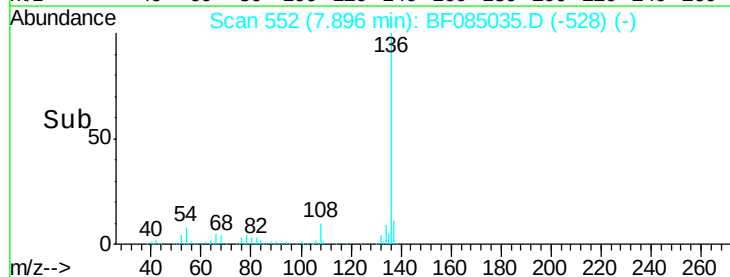
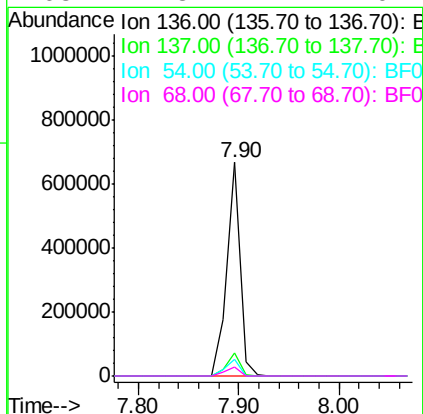
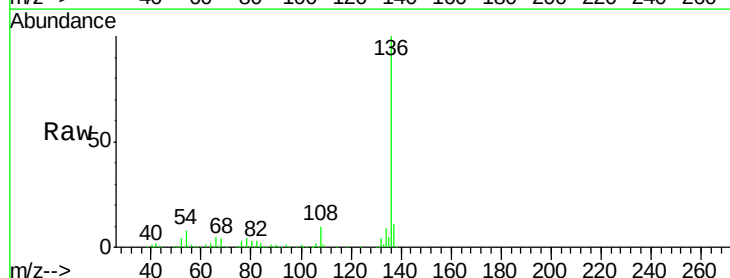
Delta R.T. -0.02 min

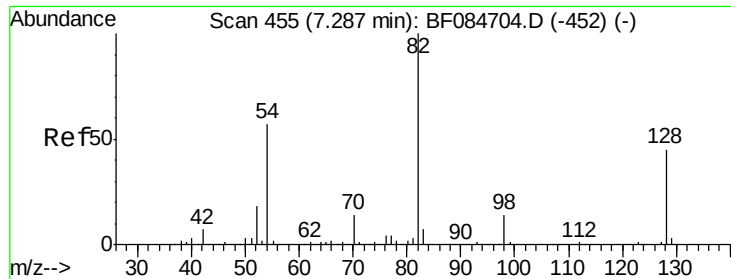
Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

Tgt Ion: 136 Resp: 611785

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.6	5.8	8.8
68	4.3	4.2	6.2

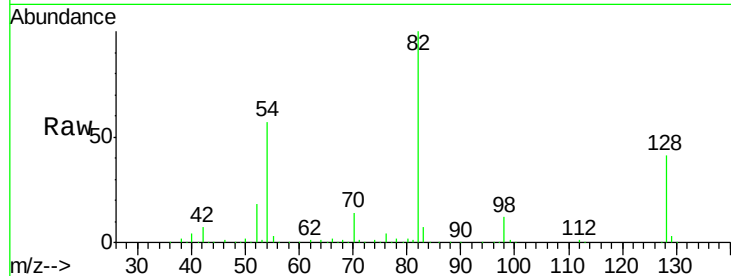




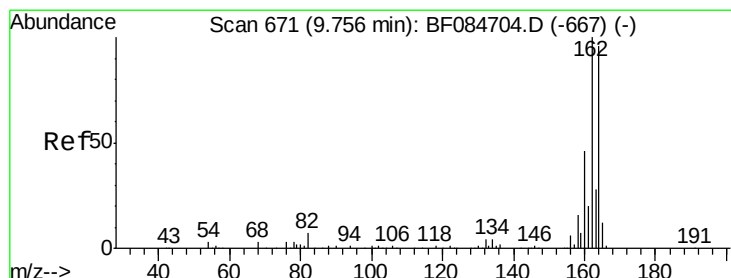
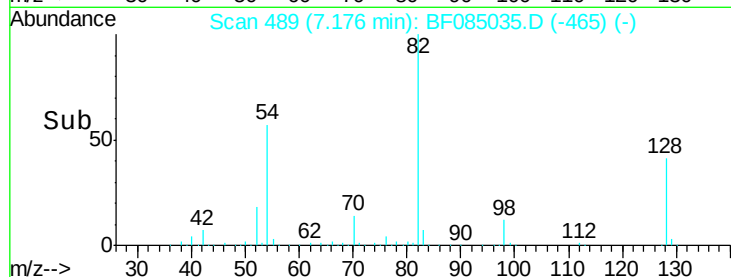
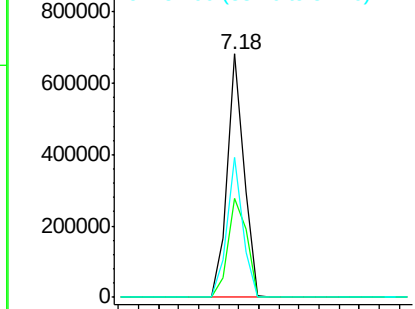
#23
 Nitrobenzene-d5
 Concen: 72.95 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88306TB

Tgt Ion: 82 Resp: 792286
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 51.8
 54 57.4 38.4 57.6

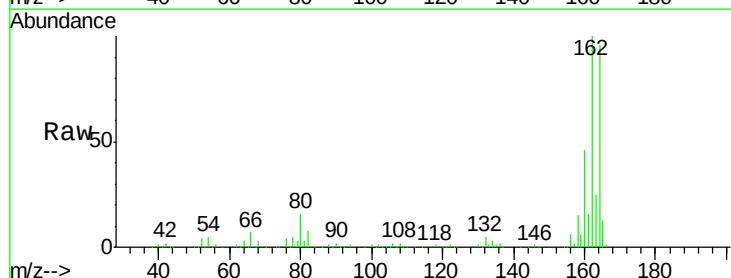


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

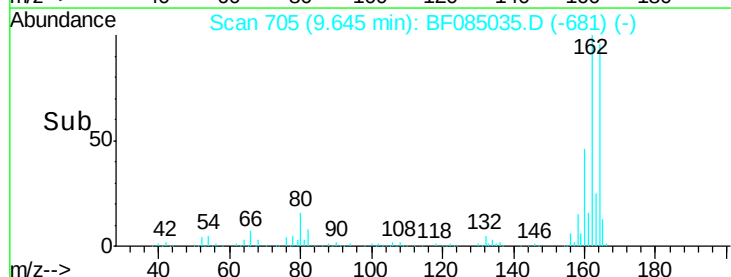
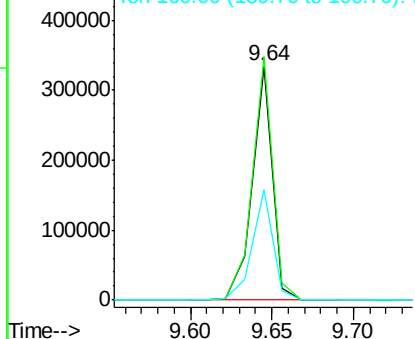


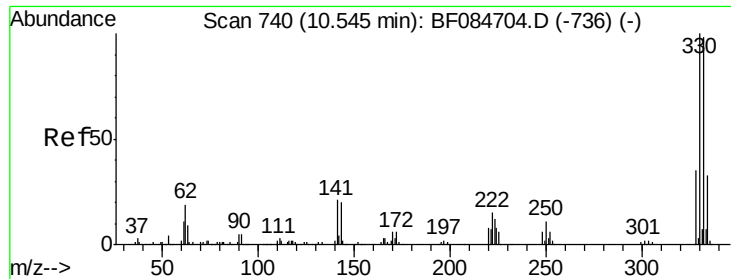
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

Tgt Ion: 164 Resp: 287014
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.1 127.7
 160 47.4 37.5 56.3



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

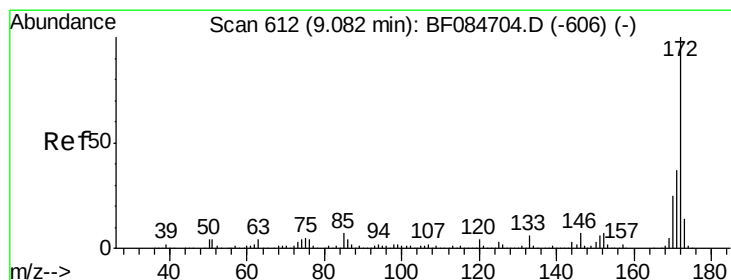
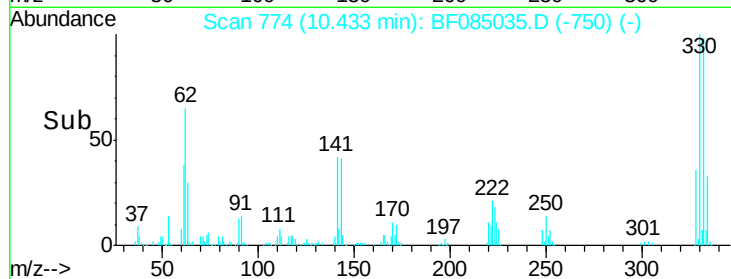
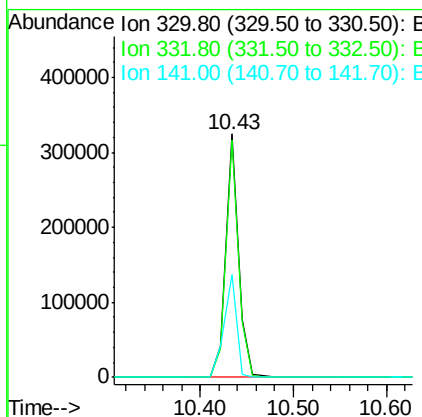
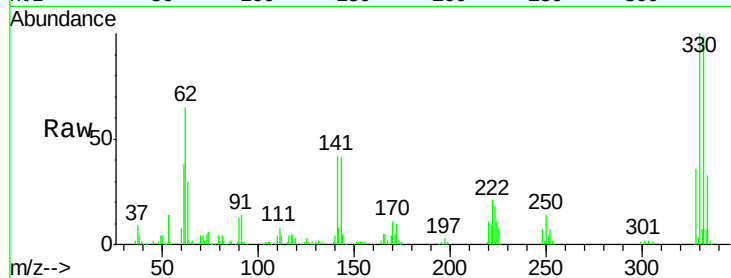




#41
 2,4,6-Tribromophenol
 Concen: 103.58 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

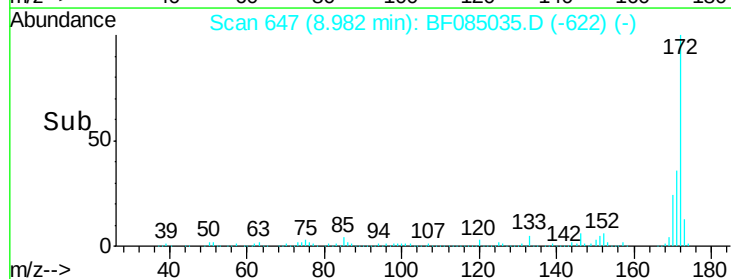
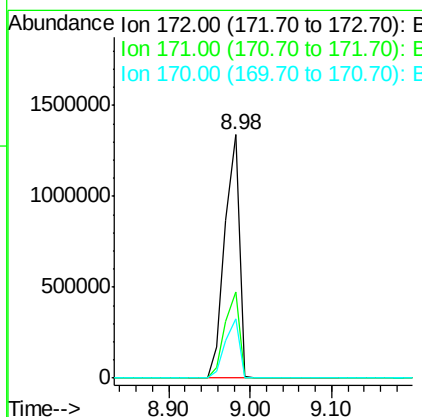
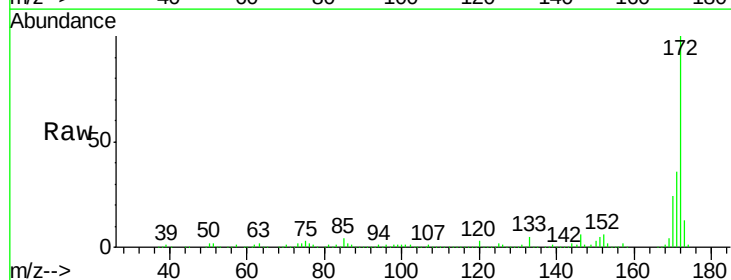
Instrument :
 BNA_F
 ClientSampleId :
 PB88306TB

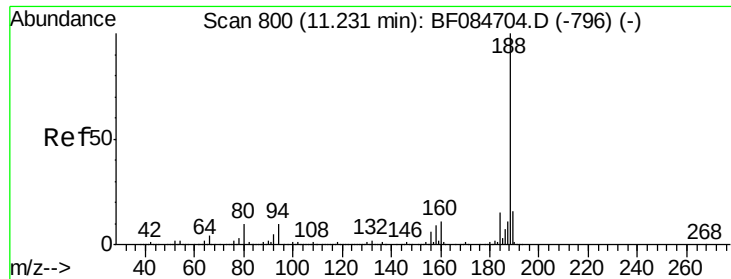
Tgt Ion:330 Resp: 310105
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 41.4 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 104.65 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

Tgt Ion:172 Resp: 1645541
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.4 18.6 27.8

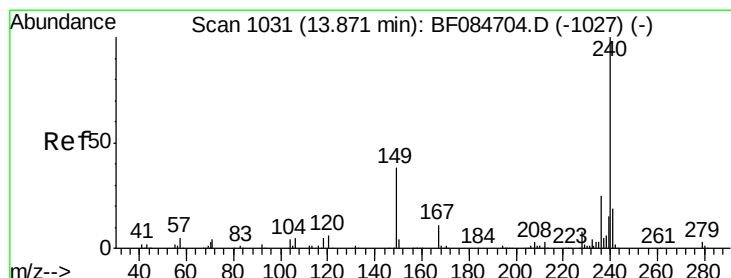
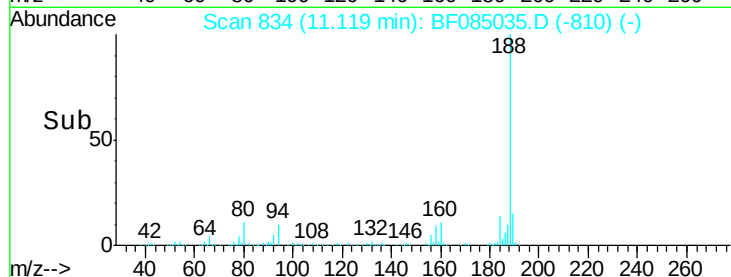
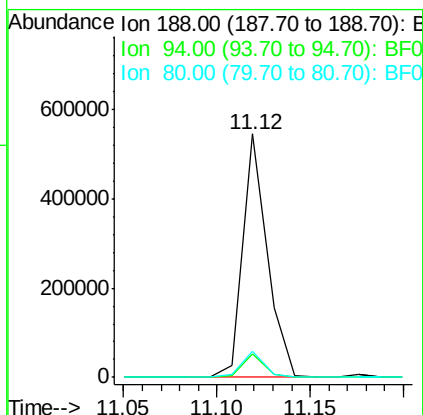
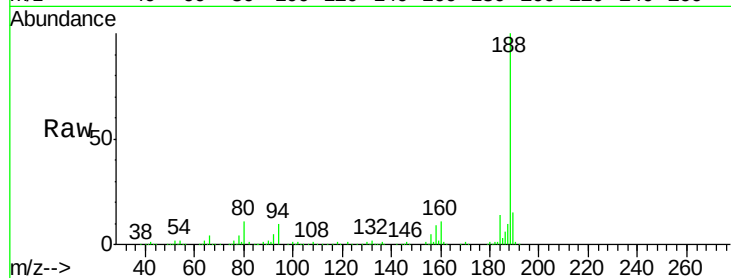




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085035.D
Acq: 12 Feb 2016 2:21

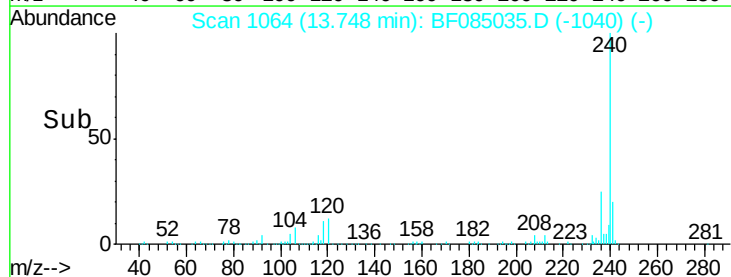
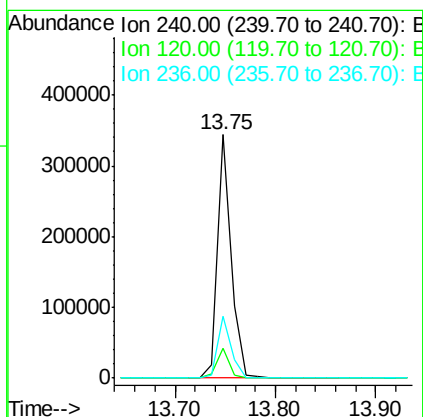
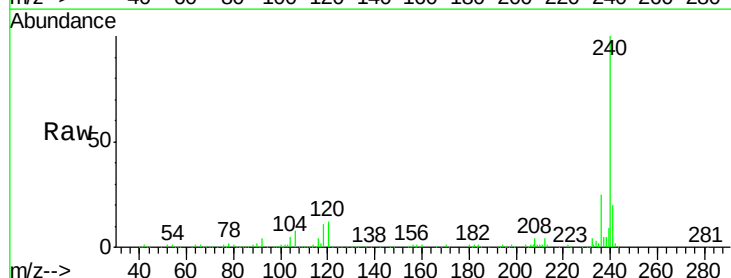
Instrument :
BNA_F
ClientSampleId :
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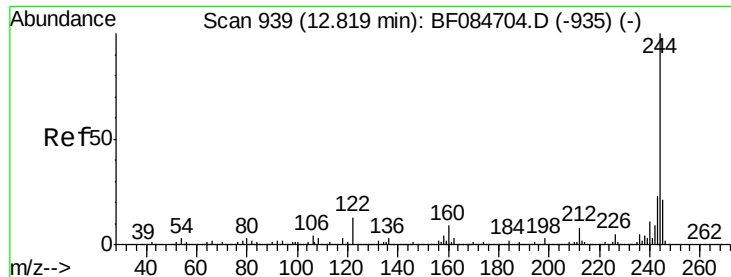
Tgt Ion:188 Resp: 502592
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.8 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085035.D
Acq: 12 Feb 2016 2:21

Tgt Ion:240 Resp: 325804
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.5 20.6 31.0





#78

Terphenyl-d14

Concen: 92.98 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

Instrument :

BNA_F

ClientSampleId :

PB88306TB

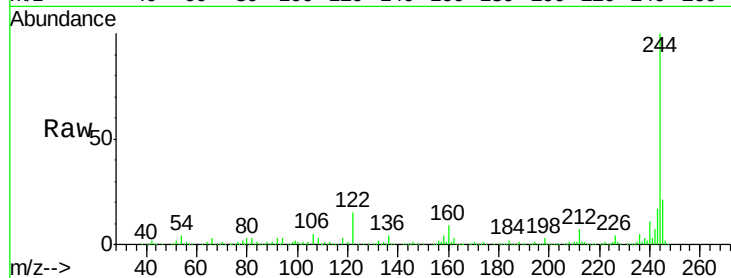
Tgt Ion:244 Resp: 1336786

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

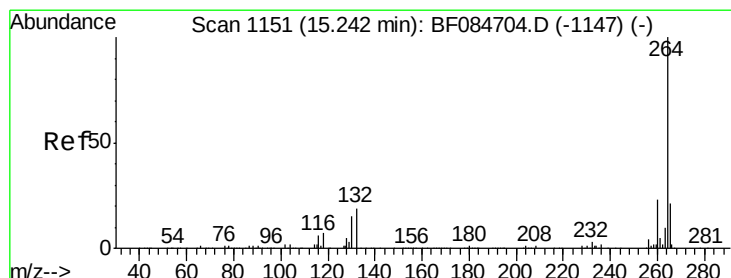
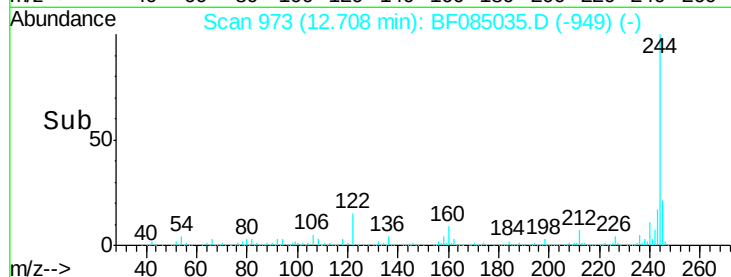
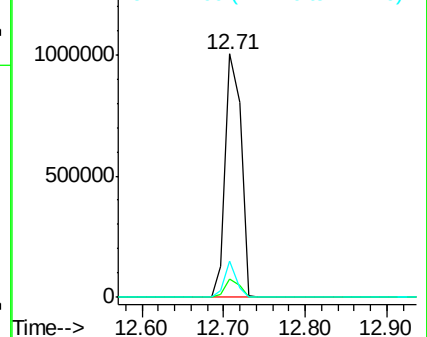
122 15.0 7.4 11.0#



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. -0.02 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

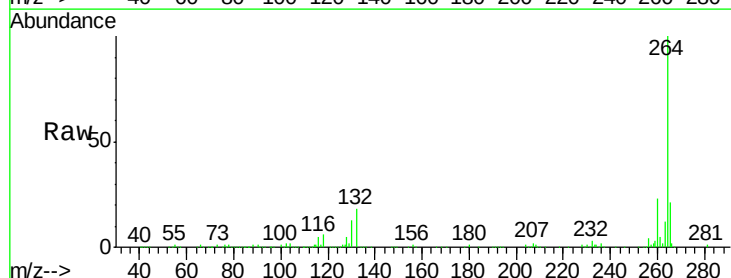
Tgt Ion:264 Resp: 285265

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.2

265 21.3 17.8 26.6



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

