

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085131.D
 Acq On : 2 Mar 2016 20:47
 Operator : SJ/IZ
 Sample : PB88627TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88627TB

Quant Time: Mar 03 05:40:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	167918	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	736501	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	333878	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	591871	20.00	ng	0.00
75) Chrysene-d12	14.15	240	403212	20.00	ng	0.00
86) Perylene-d12	15.63	264	399007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1108671	107.19	ng	0.01
7) Phenol-d6	6.62	99	1589253	117.21	ng	0.00
23) Nitrobenzene-d5	7.56	82	967885	69.92	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	396047	118.04	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1463597	64.56	ng	0.00
78) Terphenyl-d14	13.10	244	1292413	75.19	ng	0.00

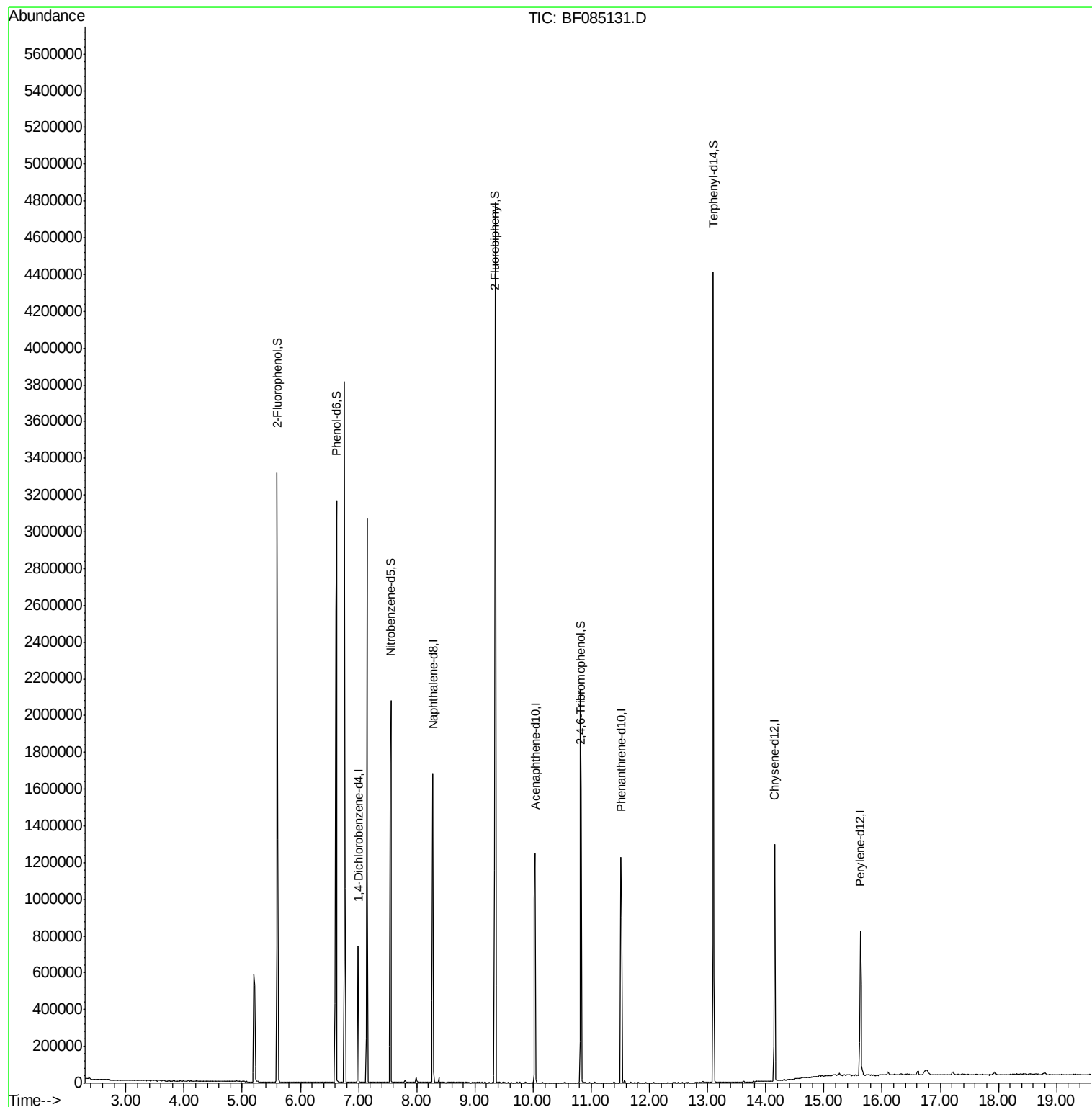
Target Compounds	Qvalue
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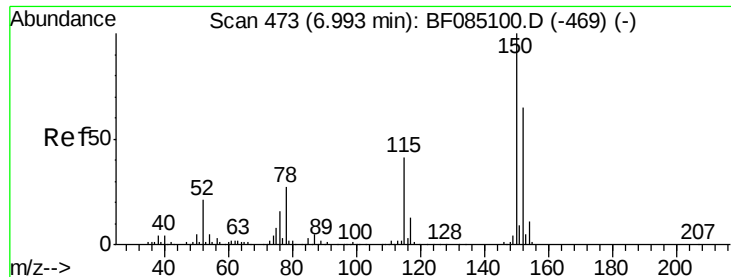
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

PB88627TB

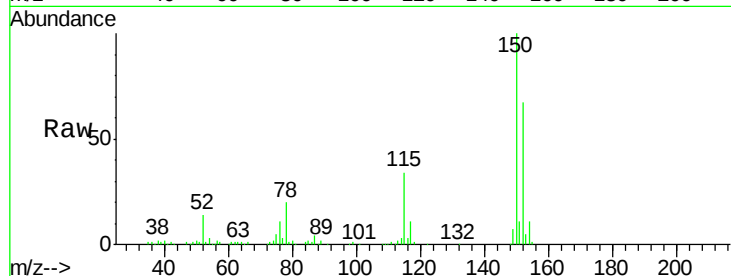
Tgt Ion:152 Resp: 167918

Ion Ratio Lower Upper

152 100

150 149.0 123.4 185.0

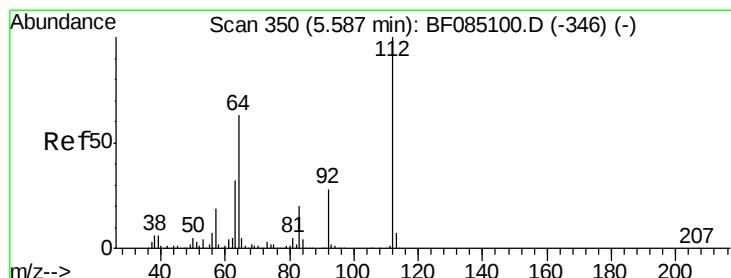
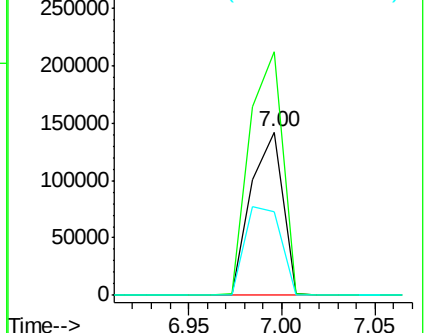
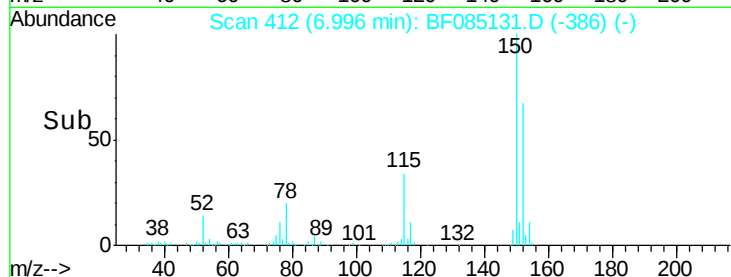
115 51.3 50.0 75.0



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: 107.19 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

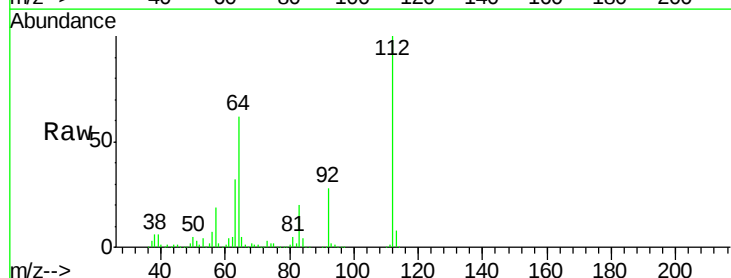
Tgt Ion:112 Resp: 1108671

Ion Ratio Lower Upper

112 100

64 62.4 50.6 76.0

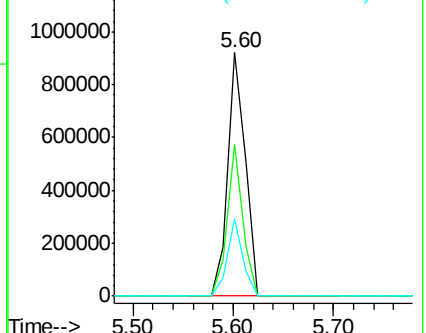
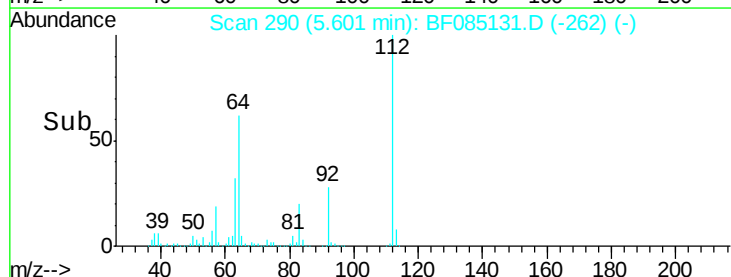
63 31.9 25.5 38.3

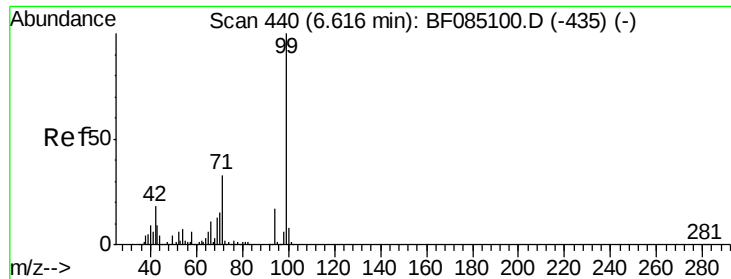


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.21 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

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PB88627TB

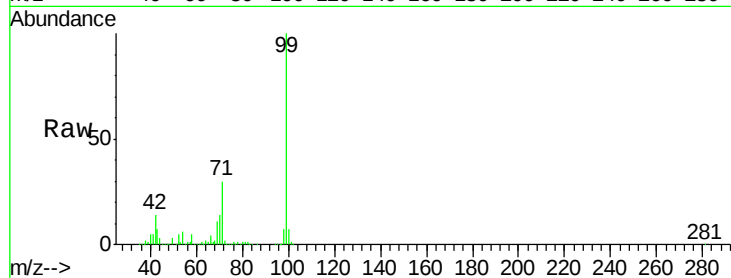
Tgt Ion: 99 Resp: 1589253

Ion Ratio Lower Upper

99 100

42 14.1 14.1 21.1

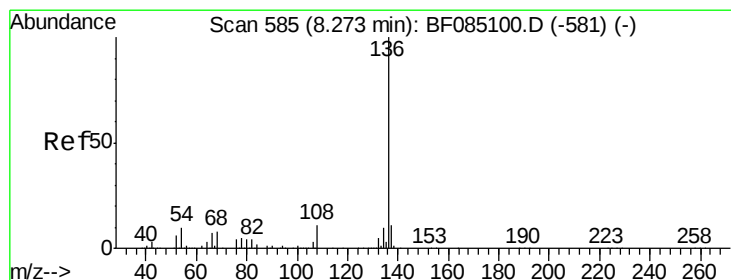
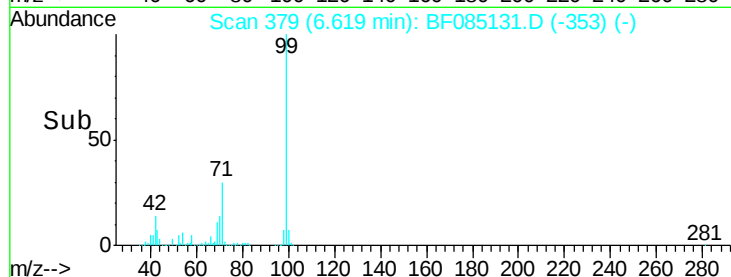
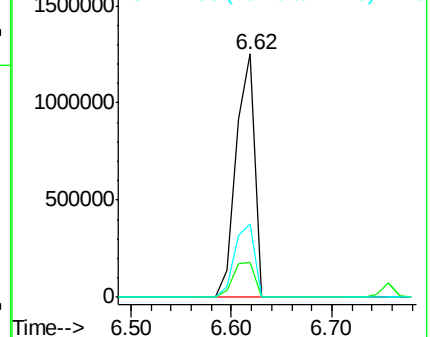
71 30.0 26.8 40.2



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: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Tgt Ion: 136 Resp: 736501

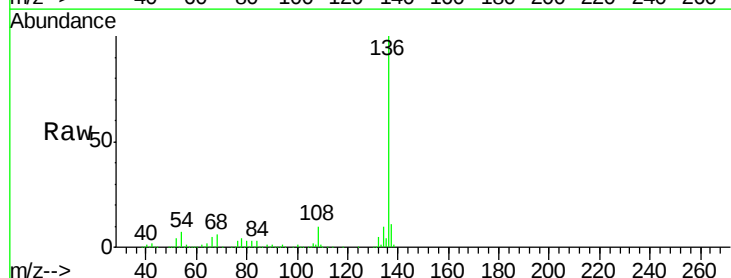
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.4 8.5 12.7#

68 6.0 6.4 9.6#

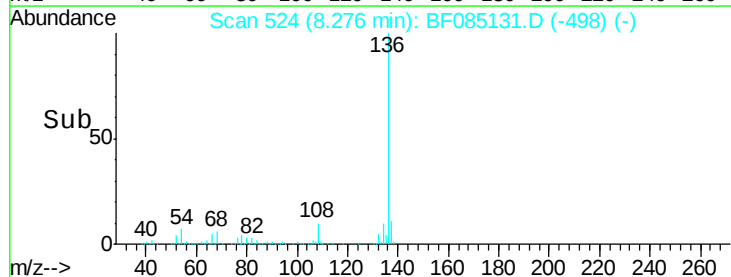
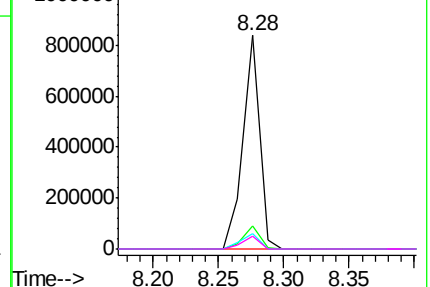


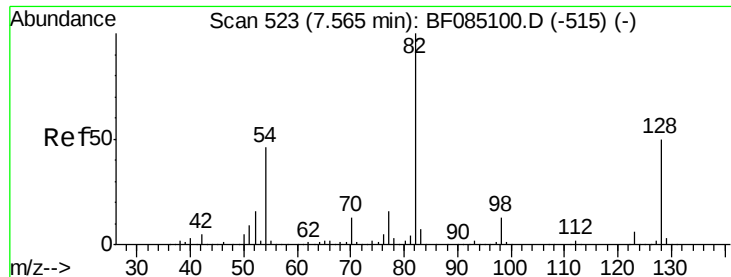
Abundance Ion 136.00 (135.70 to 136.70): E

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

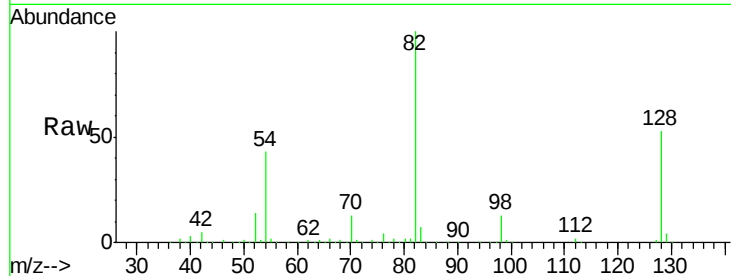




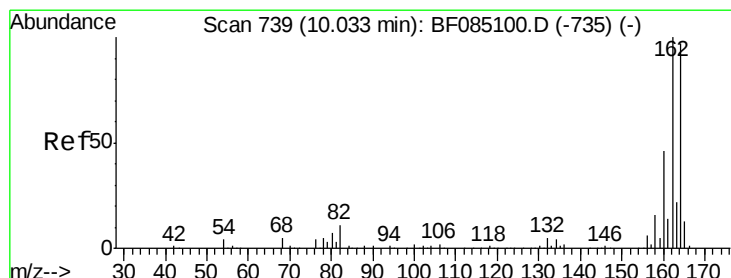
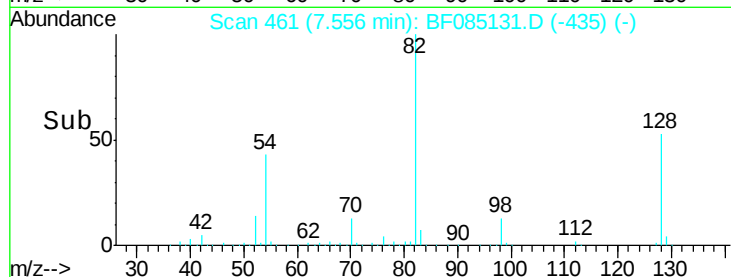
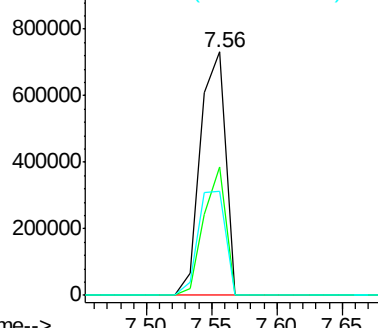
#23
 Nitrobenzene-d5
 Concen: 69.92 ng
 RT: 7.56 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88627TB

Tgt Ion	Resp	Lower	Upper
82	100		
128	52.5	39.8	59.6
54	42.7	36.6	54.8

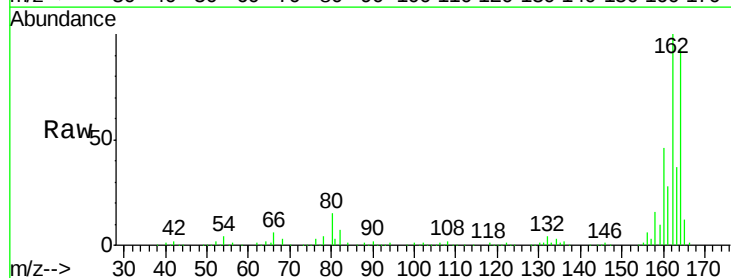


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

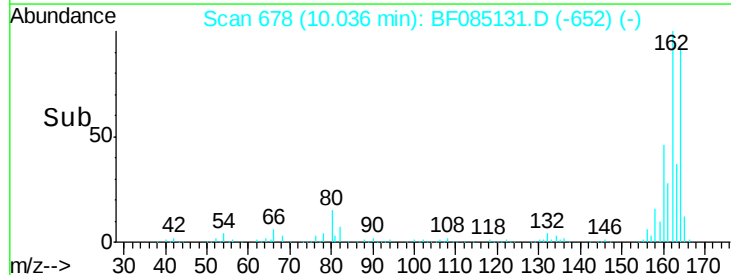
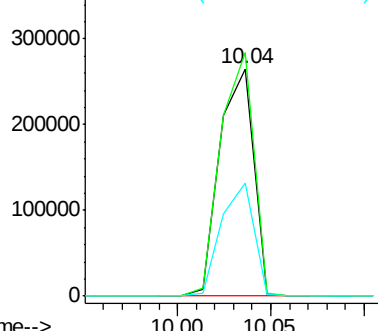


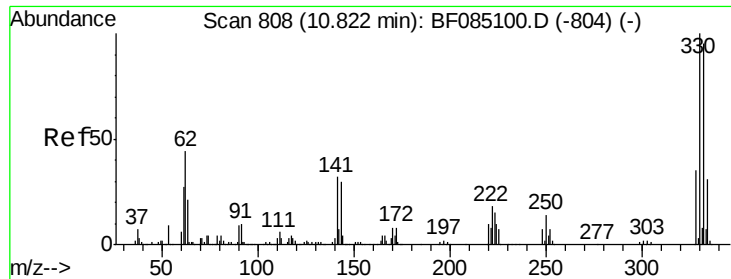
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

Tgt Ion	Resp	Lower	Upper
164	100		
162	107.1	82.6	123.8
160	49.8	38.2	57.2



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

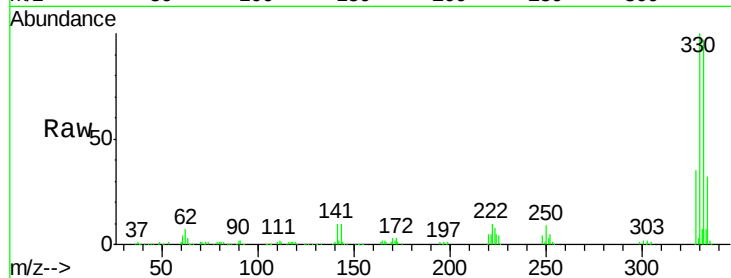




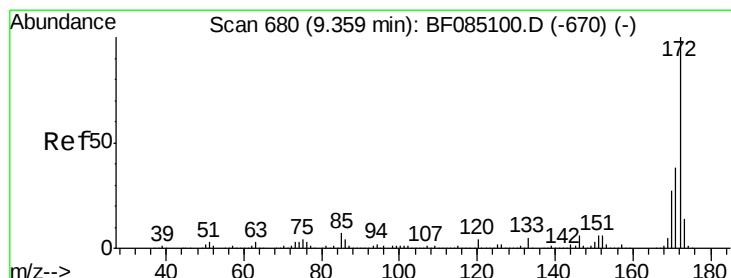
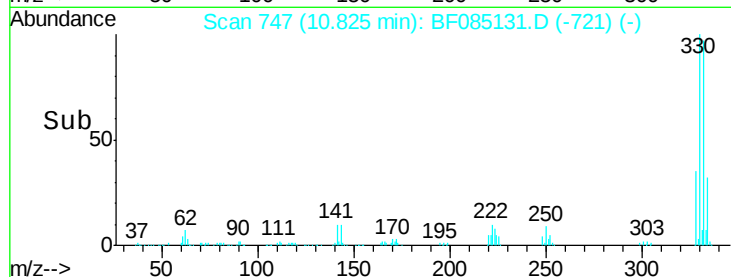
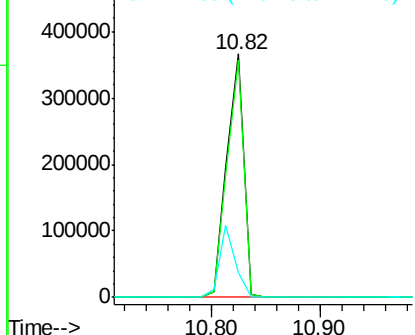
#41
 2,4,6-Tribromophenol
 Concen: 118.04 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB88627TB

Tgt Ion:330 Resp: 396047
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 27.5 28.9 43.3#

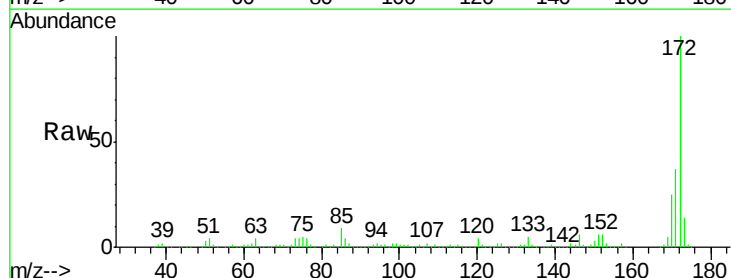


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

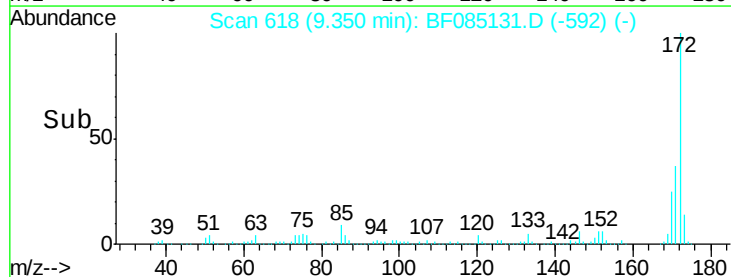
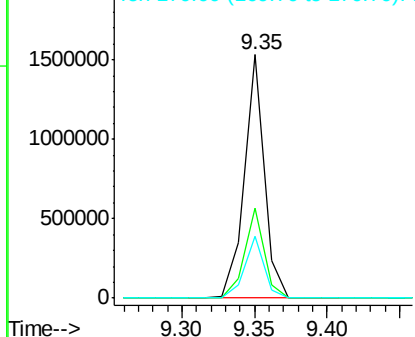


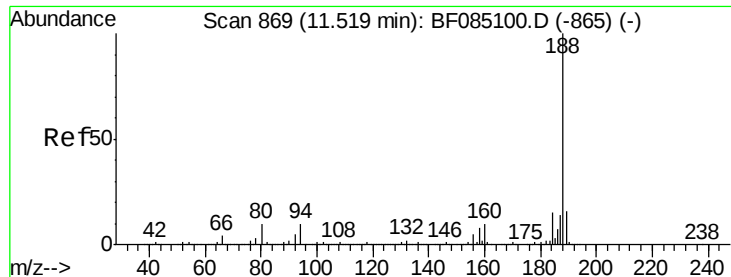
#44
 2-Fluorobiphenyl
 Concen: 64.56 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085131.D
 Acq: 2 Mar 2016 20:47

Tgt Ion:172 Resp: 1463597
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 25.2 21.2 31.8



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

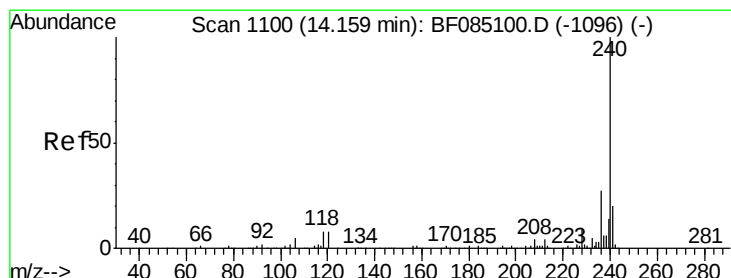
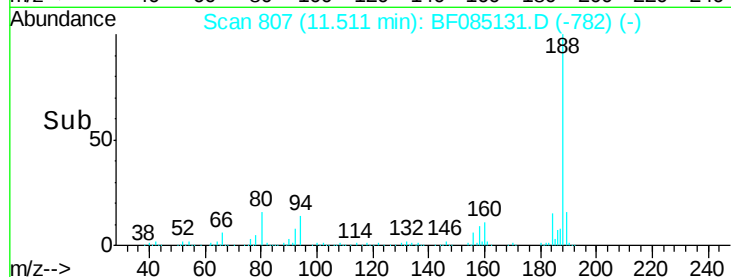
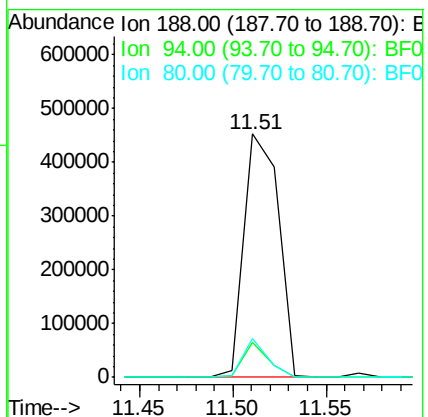
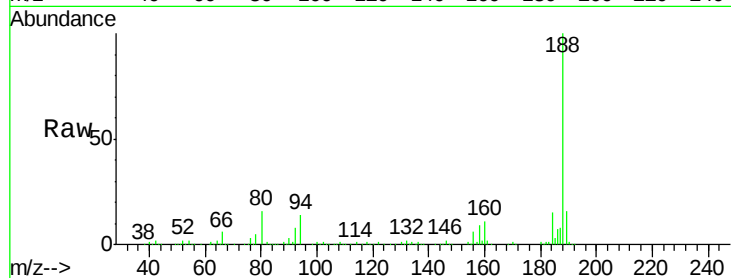




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

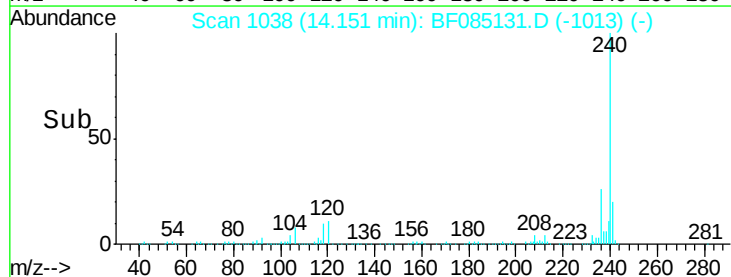
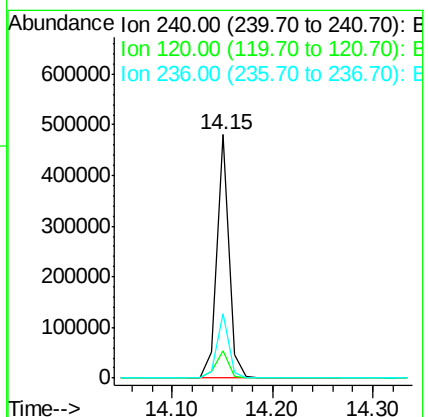
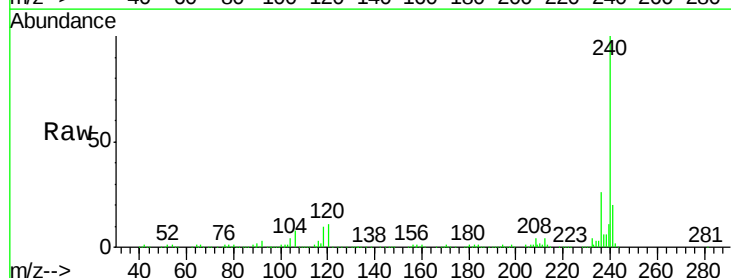
Instrument :
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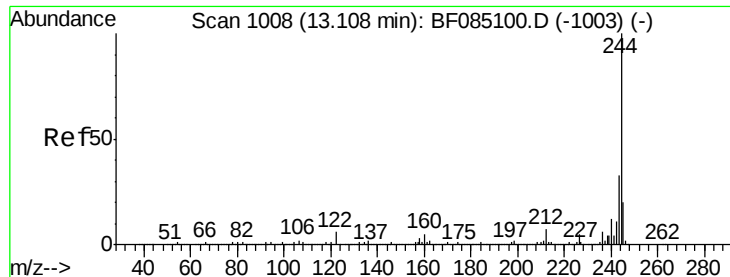
Tgt Ion:188 Resp: 591871
Ion Ratio Lower Upper
188 100
94 14.3 7.8 11.6#
80 16.0 8.2 12.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085131.D
Acq: 2 Mar 2016 20:47

Tgt Ion:240 Resp: 403212
Ion Ratio Lower Upper
240 100
120 11.5 6.7 10.1#
236 26.3 21.6 32.4





#78

Terphenyl-d14

Concen: 75.19 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

Instrument :

BNA_F

ClientSampleId :

PB88627TB

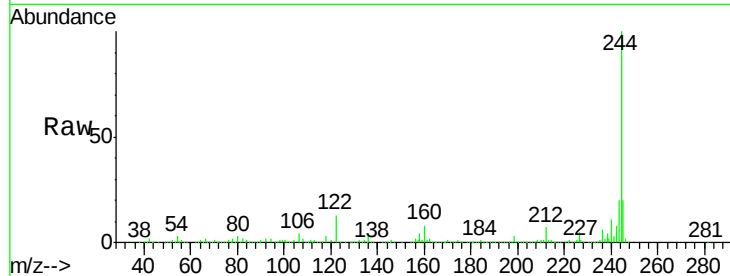
Tgt Ion:244 Resp: 1292413

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

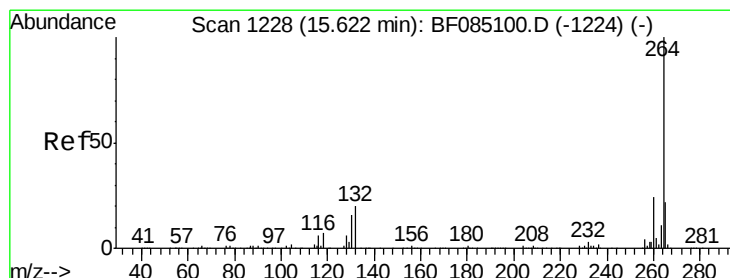
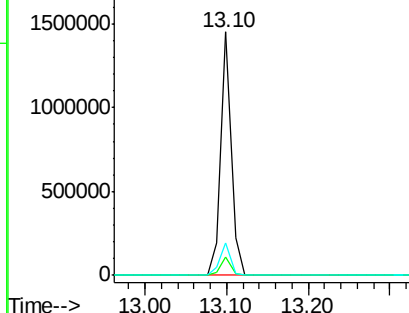
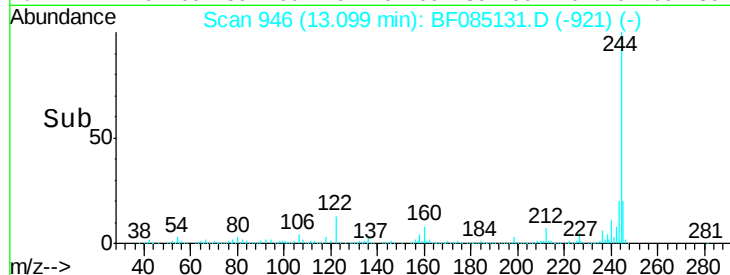
122 13.3 5.1 7.7#



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: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085131.D

Acq: 2 Mar 2016 20:47

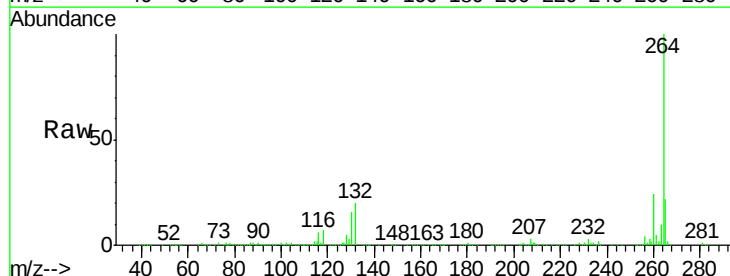
Tgt Ion:264 Resp: 399007

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 22.2 17.4 26.2



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

