

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085164.D
 Acq On : 3 Mar 2016 18:57
 Operator : SJ/UM
 Sample : PB88646BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88646BL

Manual Integrations
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Quant Time: Mar 04 01:34:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147137	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	623784	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	270645	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	538378	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	411585	20.00	ng	-0.01
86) Perylene-d12	15.60	264	278384	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1125611	128.32	ng	0.01
7) Phenol-d6	6.60	99	1218291	106.01	ng	-0.01
23) Nitrobenzene-d5	7.53	82	792818	68.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	271500	117.24	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1429942	80.35	ng	-0.01
78) Terphenyl-d14	13.09	244	1362608	76.85	ng	0.00

Target Compounds Qvalue

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

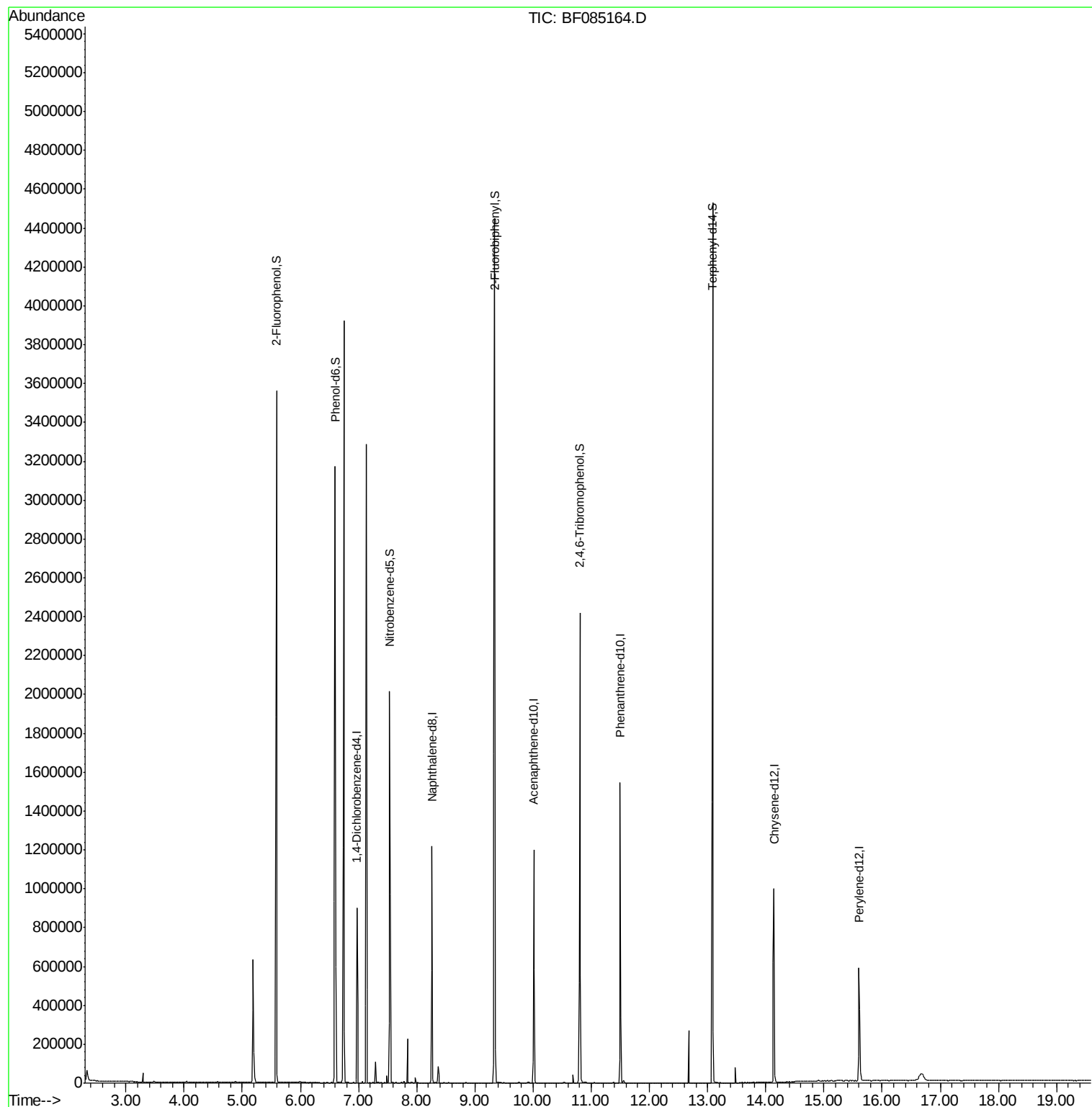
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

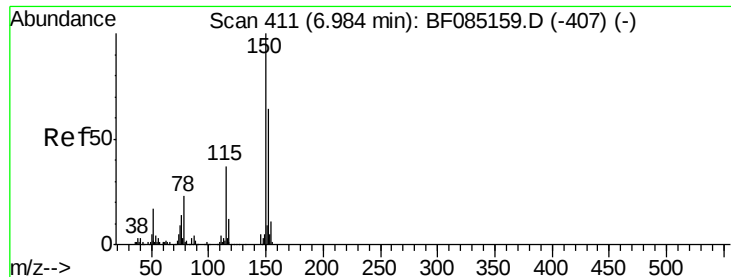
Instrument :
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085164.D

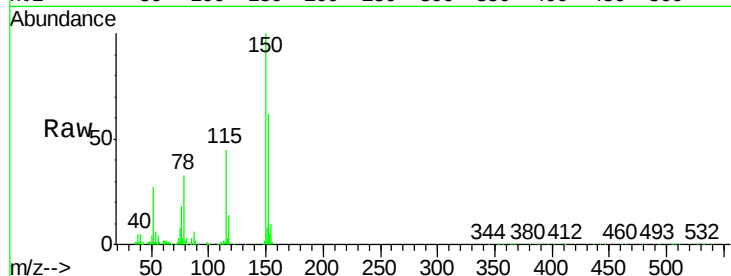
Acq: 3 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

PB88646BL



Tgt Ion:152 Resp: 147137

Ion Ratio Lower Upper

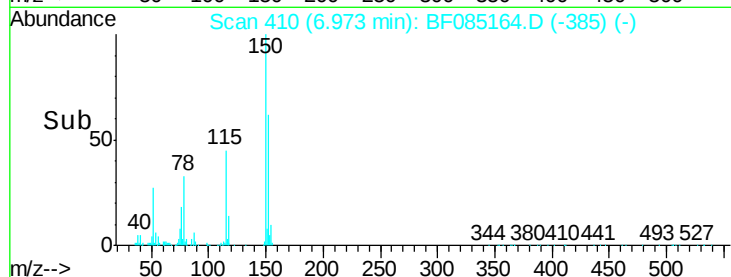
152 100

150 161.3 124.6 186.8

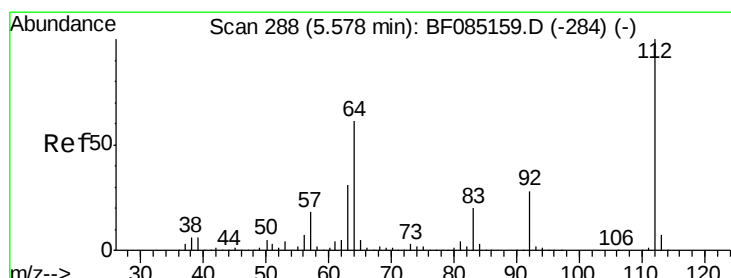
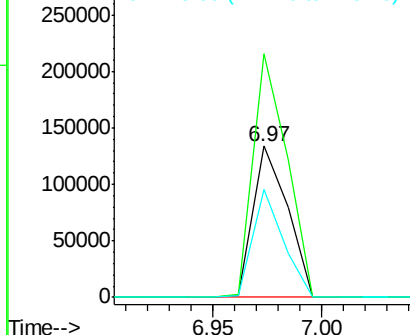
115 71.9 46.6 70.0#

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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: 128.32 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085164.D

Acq: 3 Mar 2016 18:57

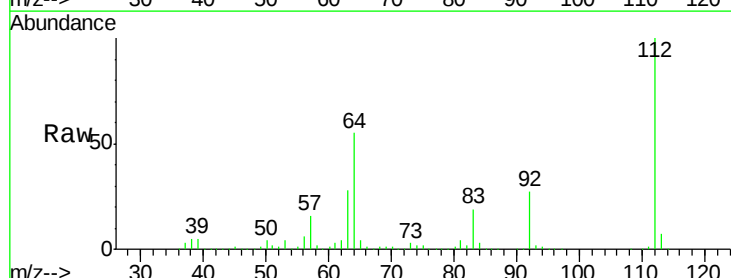
Tgt Ion:112 Resp: 1125611

Ion Ratio Lower Upper

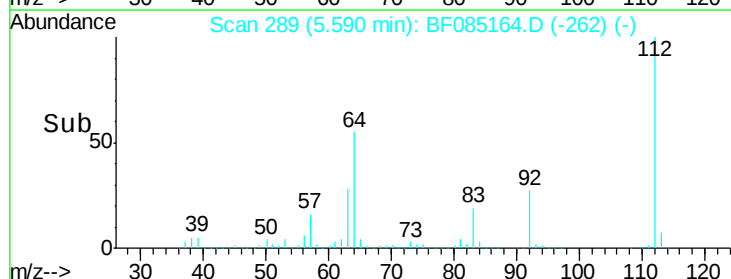
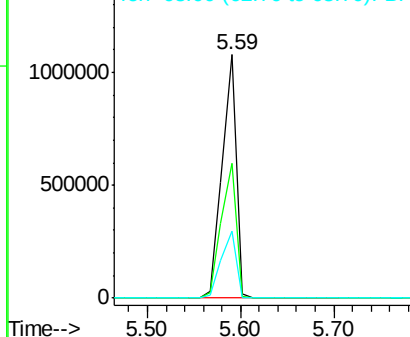
112 100

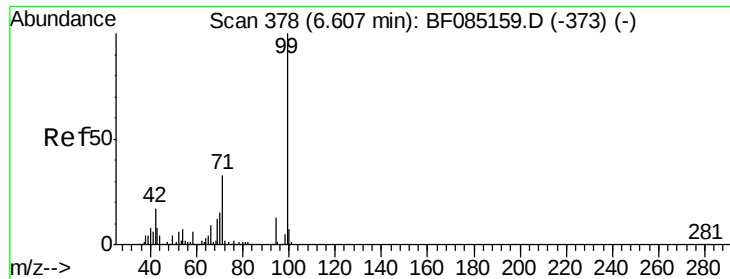
64 55.1 49.0 73.4

63 27.7 24.8 37.2



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: 106.01 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085164.D

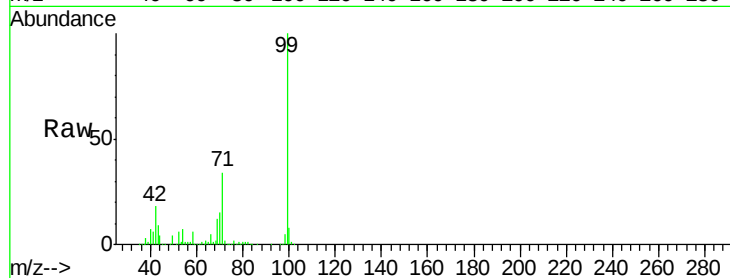
Acq: 3 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

PB88646BL



Tgt Ion: 99 Resp: 1218291

Ion Ratio Lower Upper

99 100

42 17.6 13.6 20.4

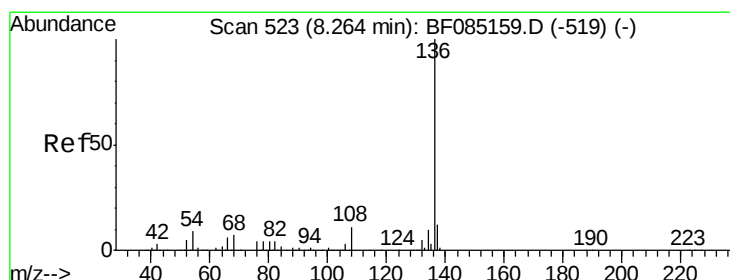
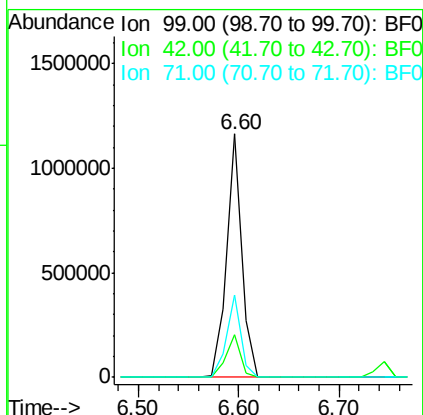
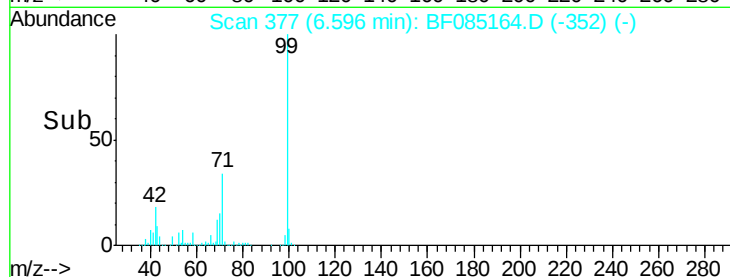
71 33.9 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085164.D

Acq: 3 Mar 2016 18:57

Tgt Ion: 136 Resp: 623784

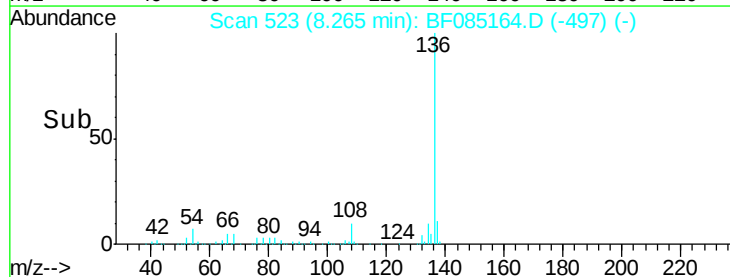
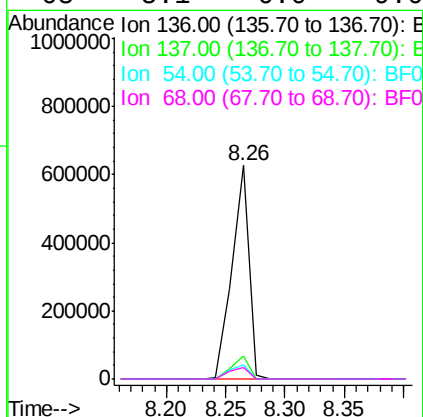
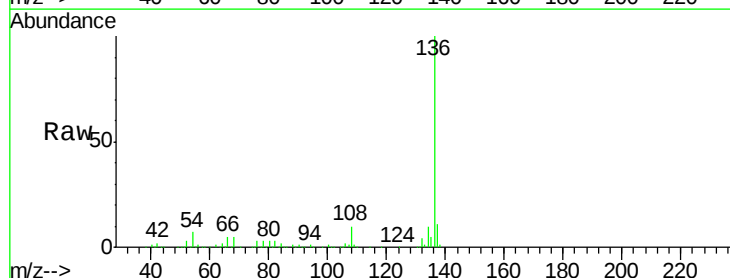
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 6.5 7.4 11.2#

68 5.1 6.0 9.0#





#23

Nitrobenzene-d5

Concen: 68.01 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085164.D

Acq: 3 Mar 2016 18:57

Instrument :

BNA_F

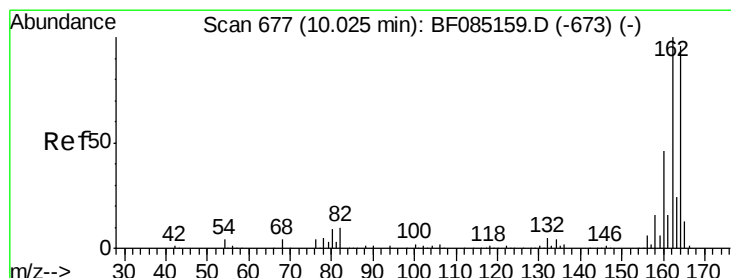
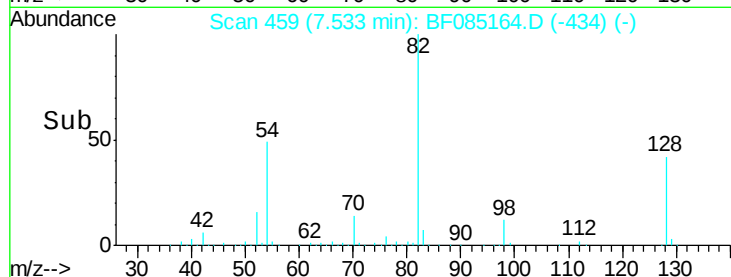
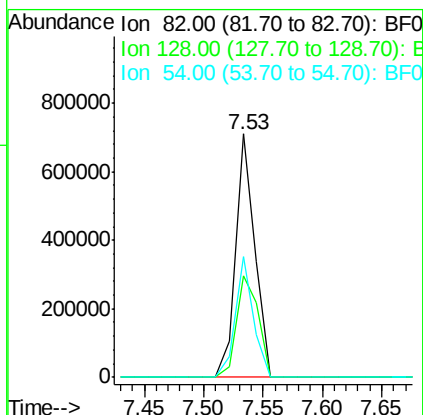
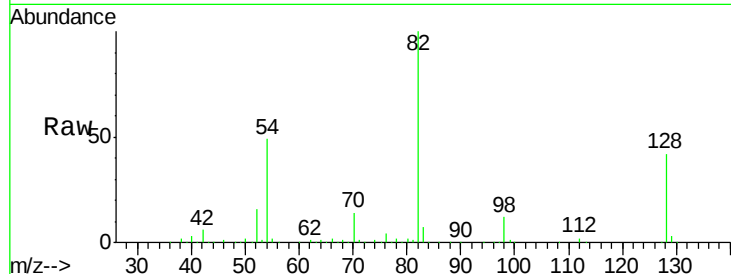
ClientSampleId :

PB88646BL

Tgt Ion	82	Resp	792818
Ion Ratio	100	Lower	Upper
128	41.6	34.5	51.7
54	49.5	39.3	58.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

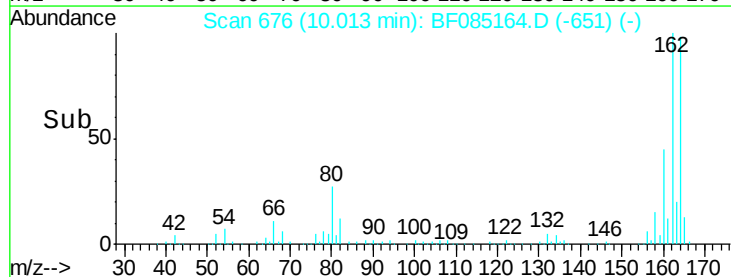
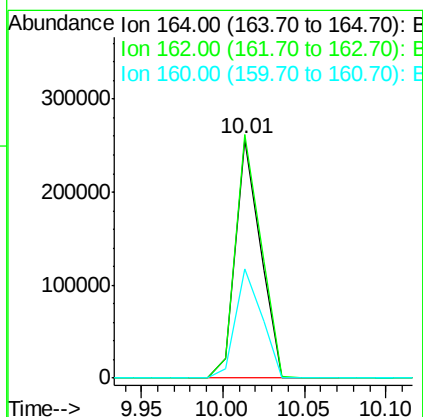
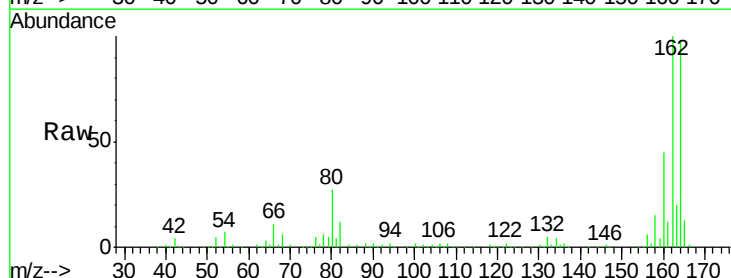
RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF085164.D

Acq: 3 Mar 2016 18:57

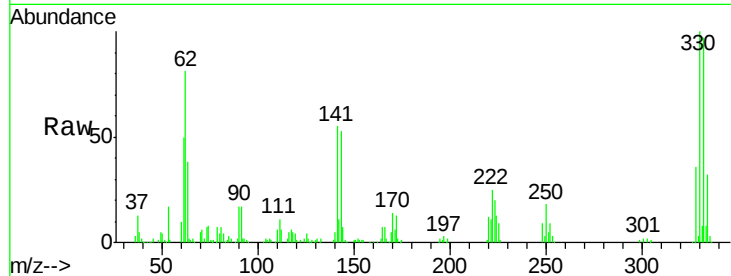
Tgt Ion	164	Resp	270645
Ion Ratio	100	Lower	Upper
162	101.9	83.3	124.9
160	45.7	37.9	56.9





#41
 2,4,6-Tribromophenol
 Concen: 117.24 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085164.D
 Acq: 3 Mar 2016 18:57

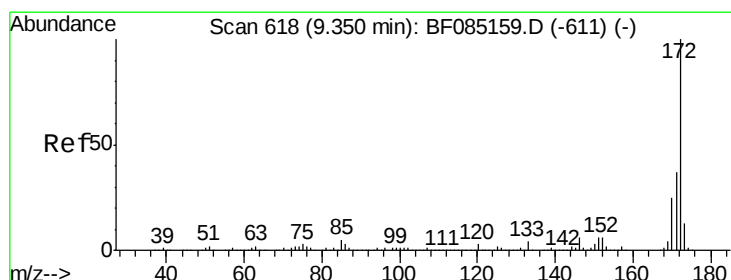
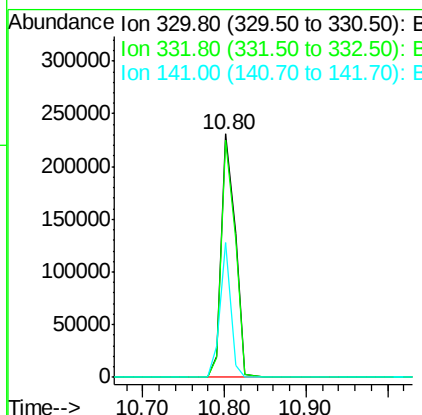
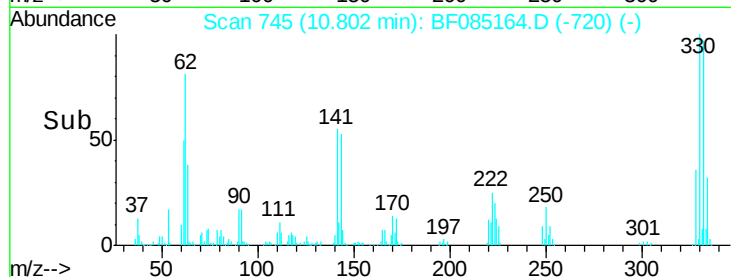
Instrument :
 BNA_F
 ClientSampleId :
 PB88646BL



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	271500		
332	96.5	77.1	115.7	
141	43.5	35.0	52.6	

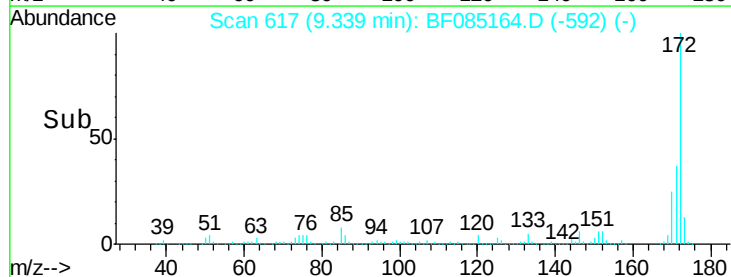
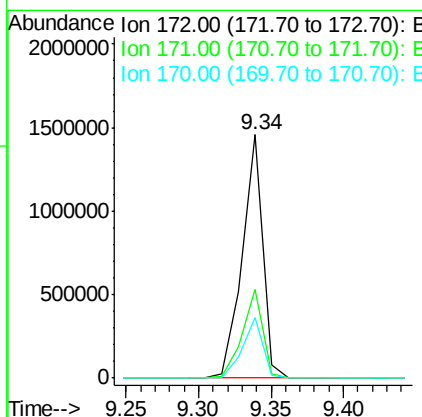
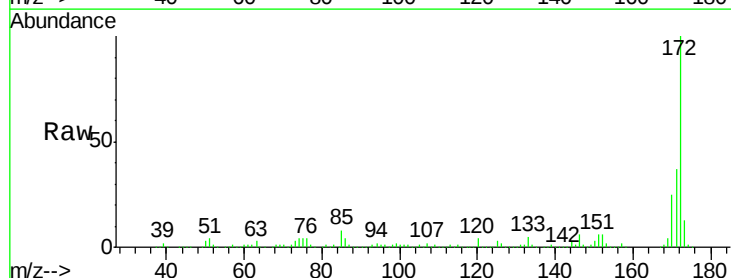
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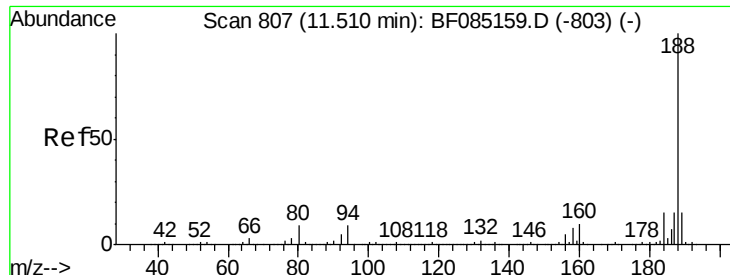
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#44
 2-Fluorobiphenyl
 Concen: 80.35 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085164.D
 Acq: 3 Mar 2016 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1429942		
171	36.6	29.3	43.9	
170	25.0	20.0	30.0	





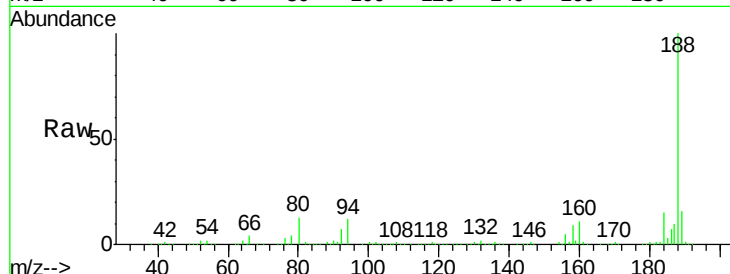
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085164.D
Acq: 3 Mar 2016 18:57

Instrument :
BNA_F
ClientSampleId :
PB88646BL

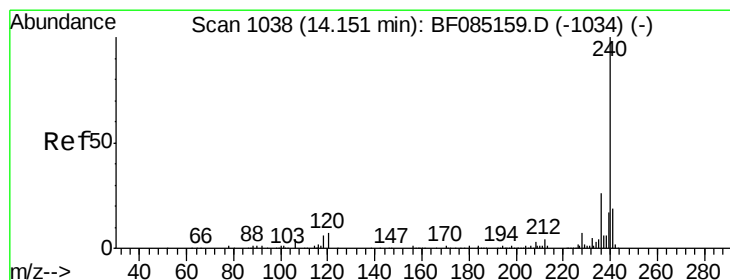
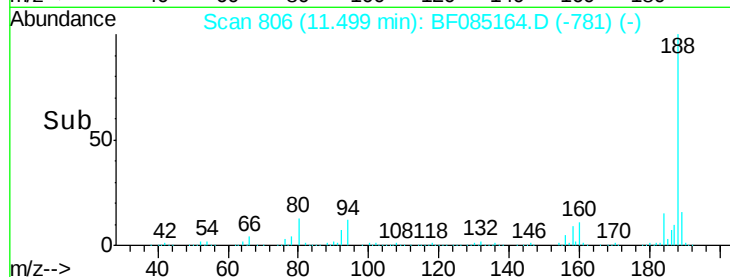
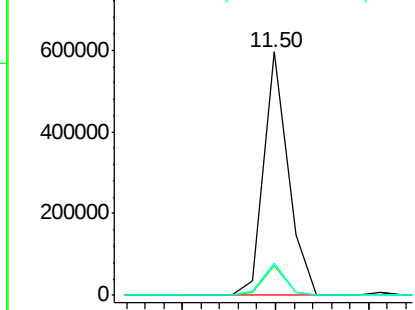
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	7.0	10.6#
80	13.4	7.4	11.0#

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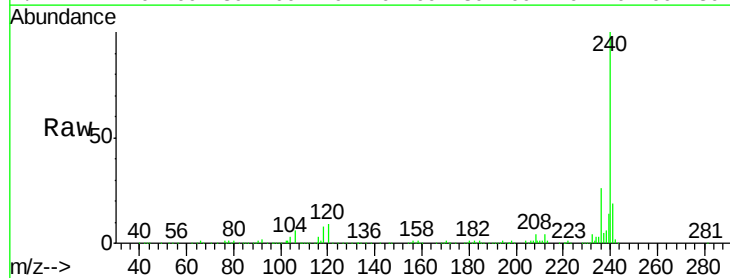


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

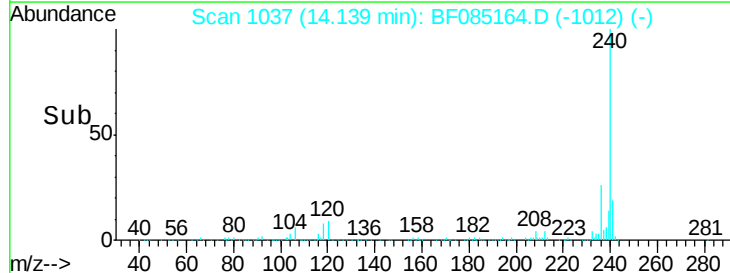
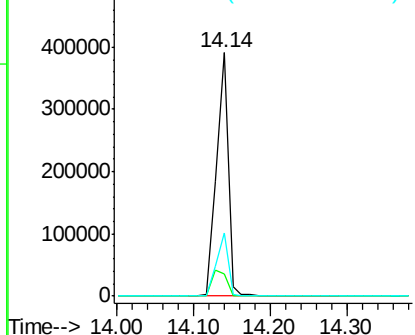


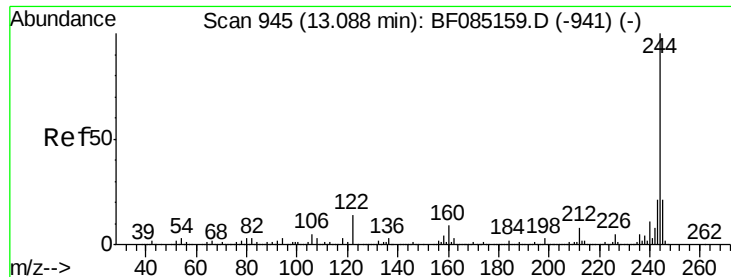
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085164.D
Acq: 3 Mar 2016 18:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.9	5.3	7.9#
236	26.0	20.7	31.1



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: 76.85 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085164.D

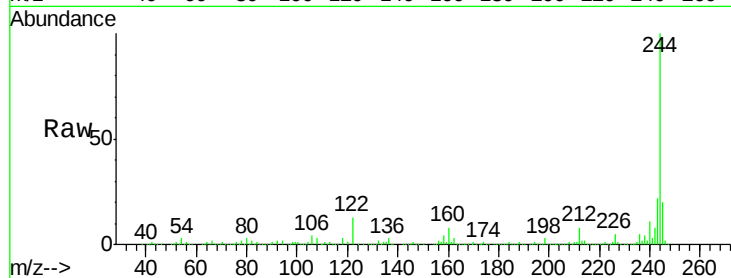
Acq: 3 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

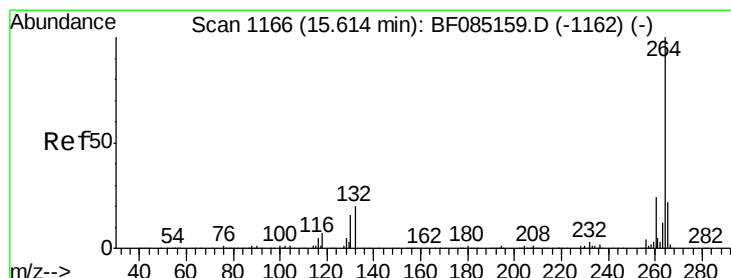
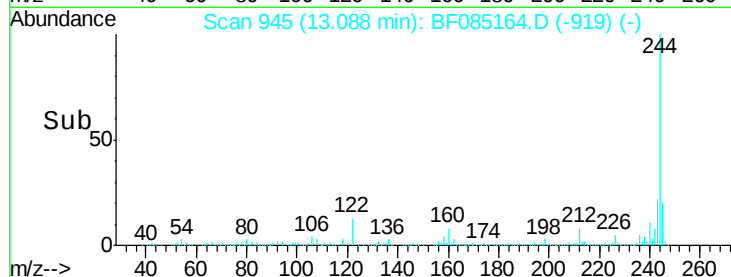
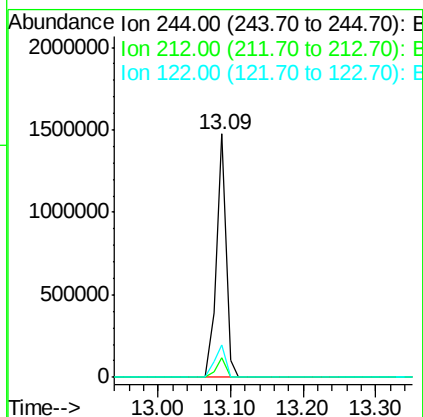
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.1	11.4	17.2

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085164.D

Acq: 3 Mar 2016 18:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.3	25.9

