

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085203.D
 Acq On : 4 Mar 2016 15:30
 Operator : SJ/IZ
 Sample : PB88682BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BL

Manual Integrations
 APPROVED

UMANGI
 3/7/2016 9:32:03 AM

Quant Time: Mar 04 22:03:26 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	162658	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	609579	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	301714	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	578538	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	392827	20.00	ng	-0.02
86) Perylene-d12	15.60	264	277495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	812457	83.78	ng	0.00
7) Phenol-d6	6.60	99	1103189	86.83	ng	-0.01
23) Nitrobenzene-d5	7.53	82	903420	79.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	217462	84.23	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1601899	80.75	ng	-0.01
78) Terphenyl-d14	13.09	244	1523335	90.02	ng	0.00

Target Compounds Qvalue

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

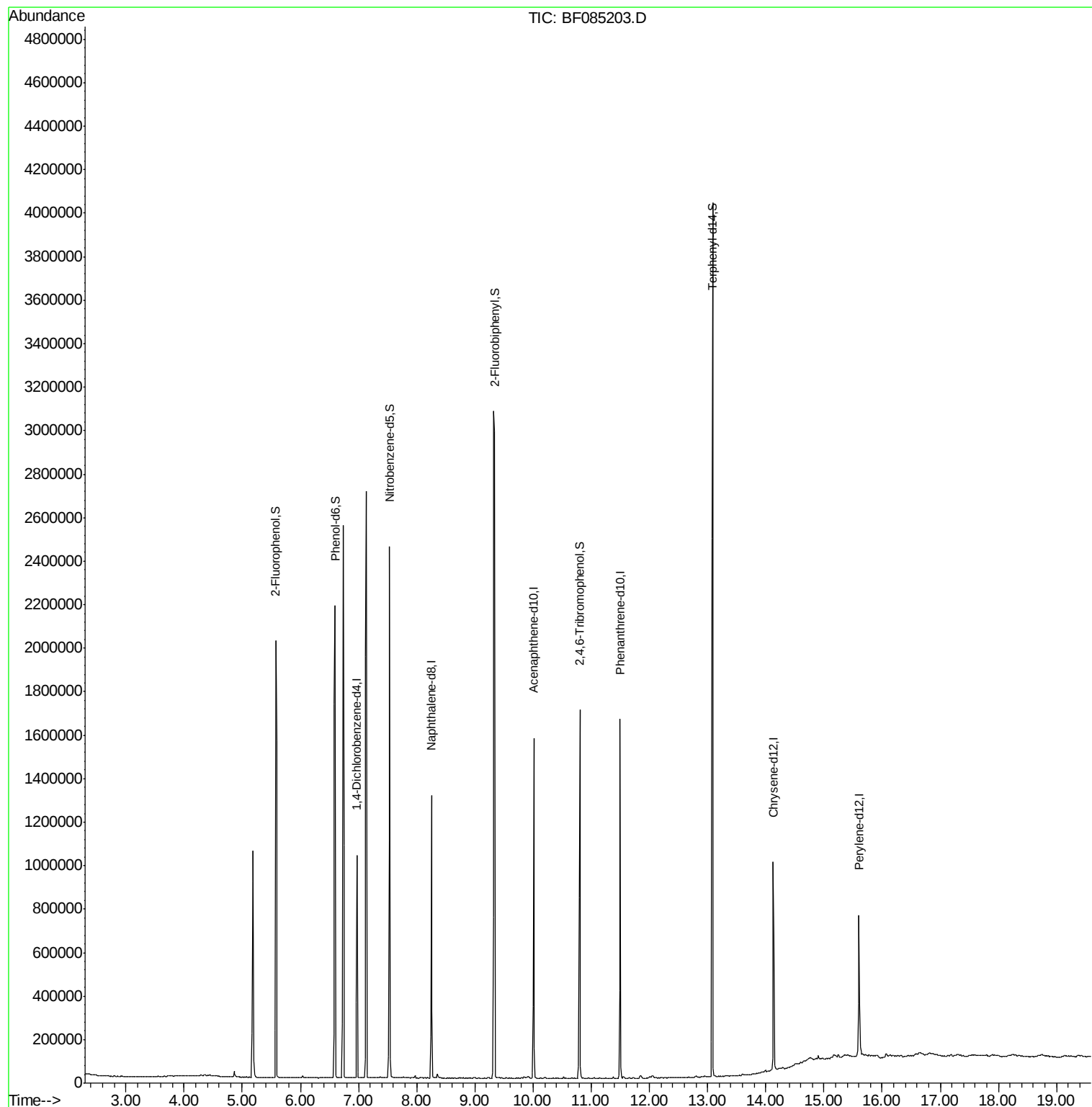
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
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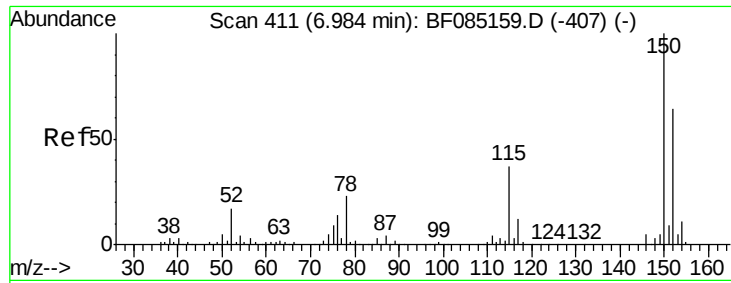
Instrument :
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#1

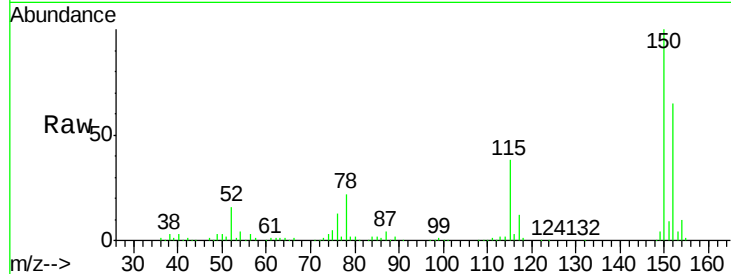
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085203.D
Acq: 4 Mar 2016 15:30

Instrument :
BNA_F
ClientSampleId :
PB88682BL

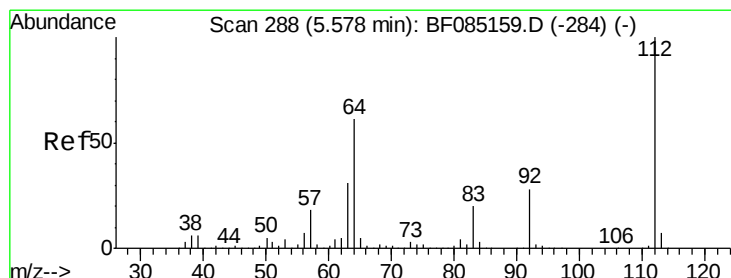
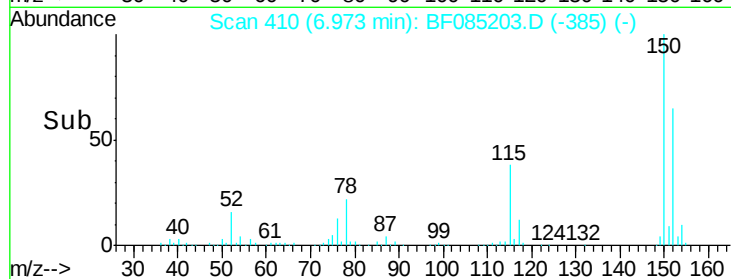
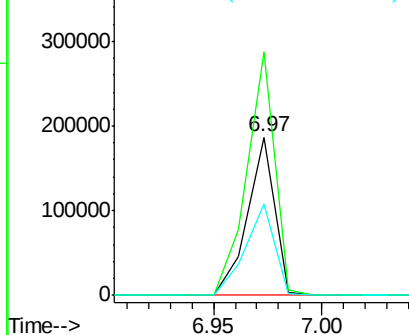
Tot Ion	Ratio	Resp	Lower	Upper
152	100	162658		
150	154.2	124.6	186.8	
115	58.1	46.6	70.0	

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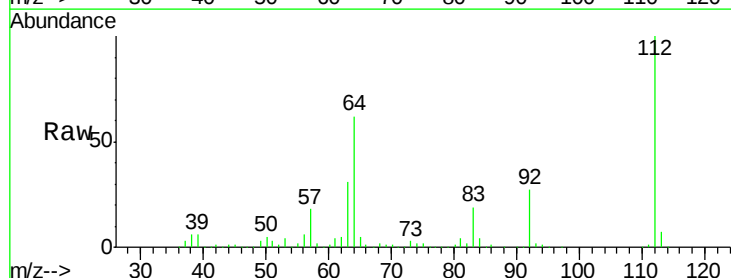
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



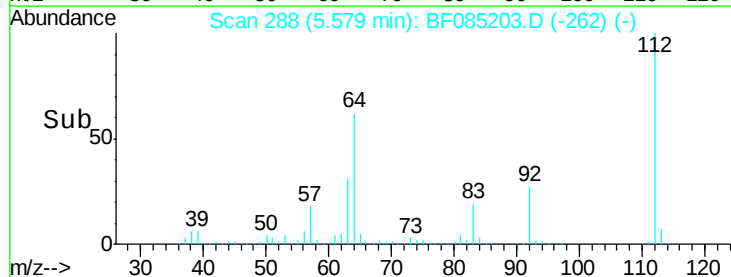
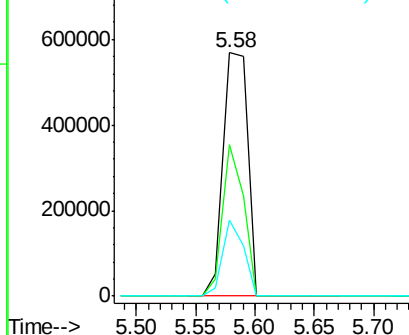
#5

2-Fluorophenol
Concen: 83.78 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085203.D
Acq: 4 Mar 2016 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	812457		
64	62.0	49.0	73.4	
63	31.1	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: 86.83 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

Instrument :

BNA_F

ClientSampleId :

PB88682BL

Tot Ion: 99 Resp: 1103189

Ion Ratio Lower Upper

99 100

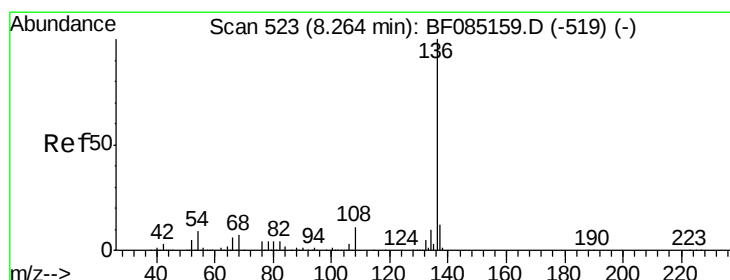
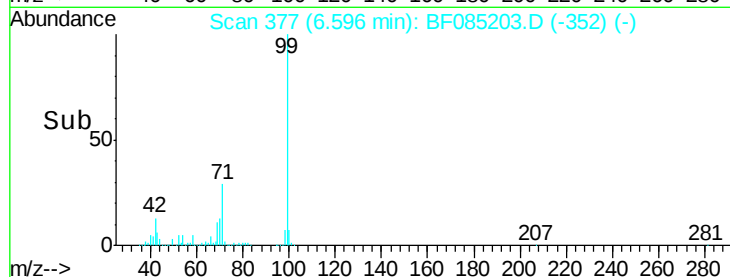
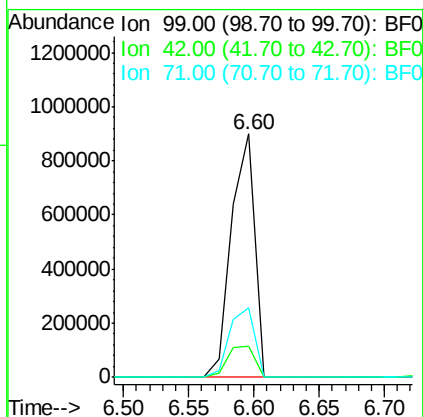
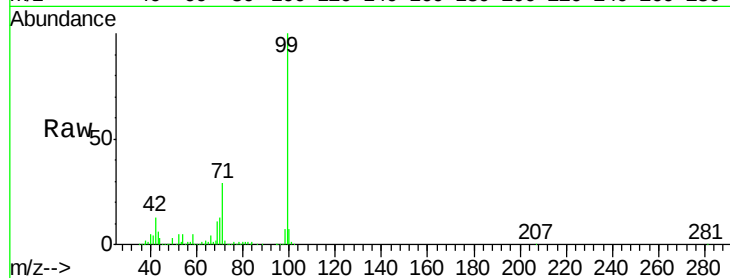
42 12.7 13.6 20.4#

71 28.7 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

Tgt Ion: 136 Resp: 609579

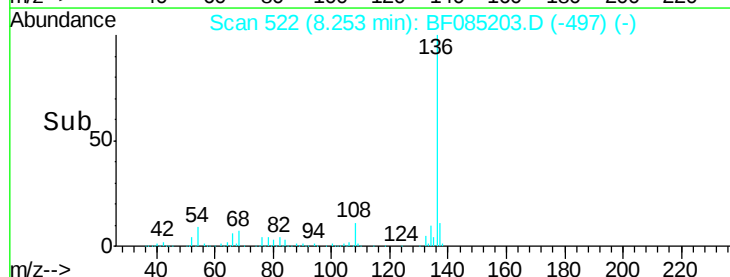
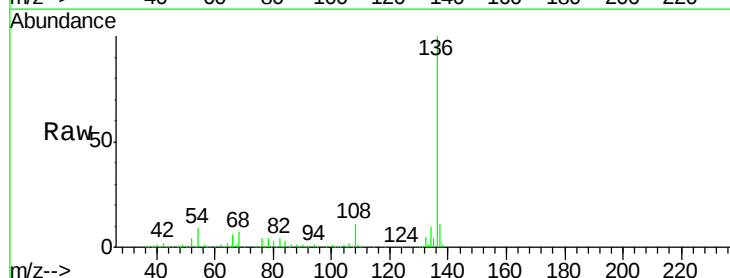
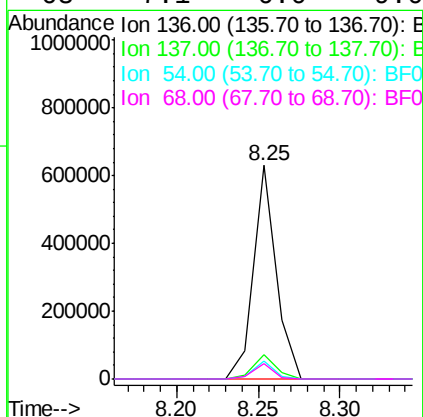
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.5 7.4 11.2

68 7.1 6.0 9.0





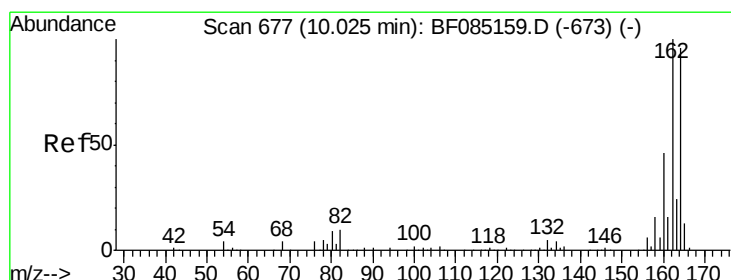
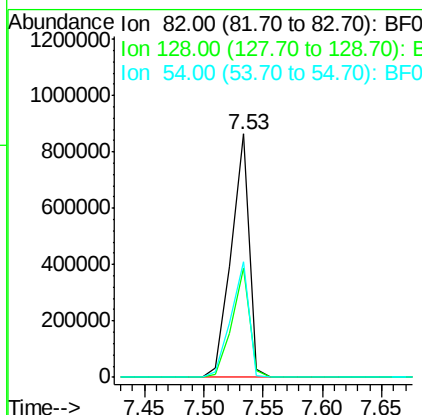
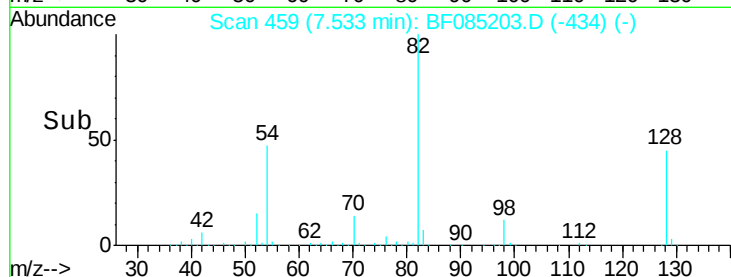
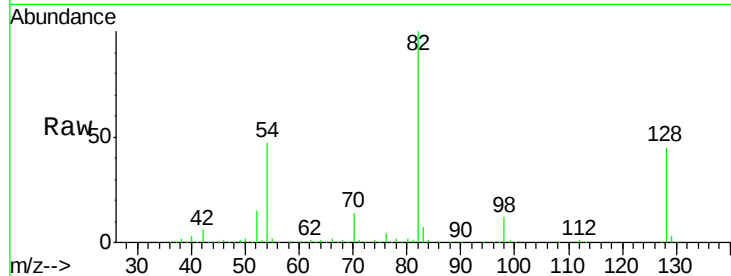
#23
 Nitrobenzene-d5
 Concen: 79.31 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	34.5	51.7	
54	47.5	39.3	58.9	

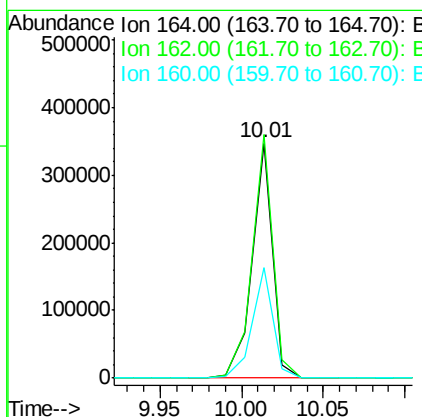
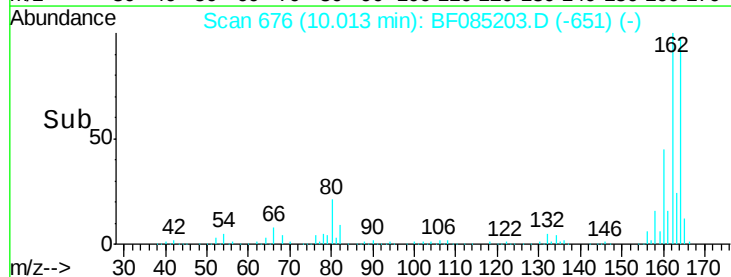
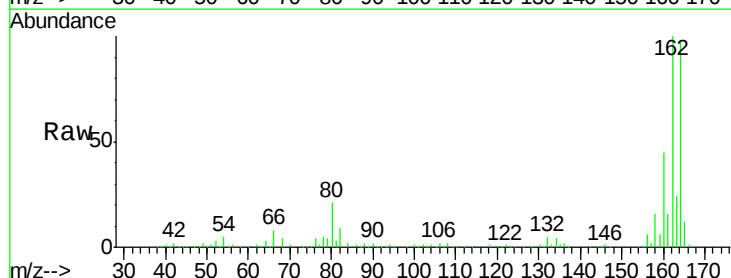
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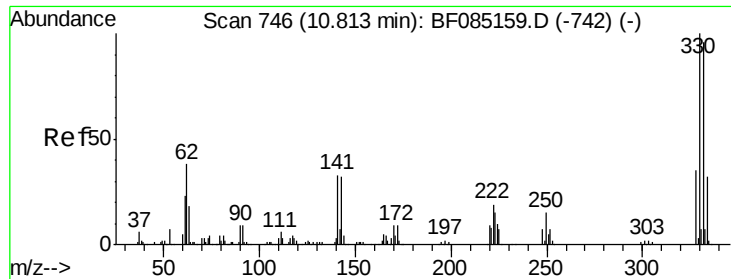
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	83.3	124.9	
160	46.9	37.9	56.9	





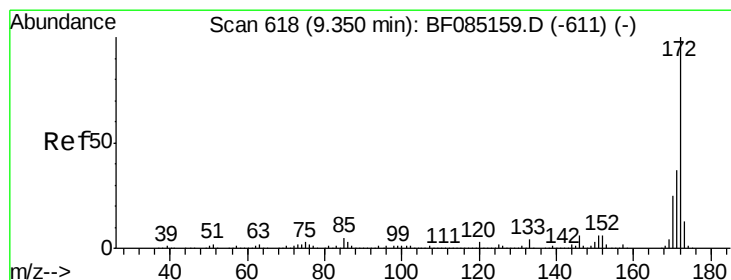
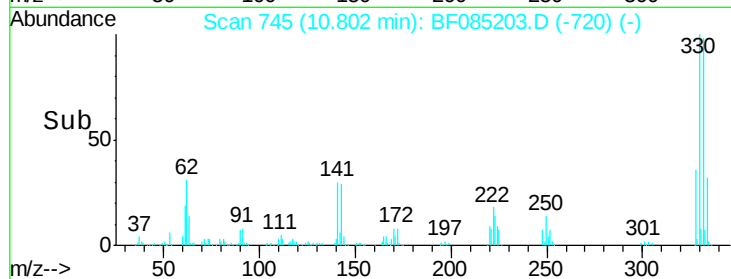
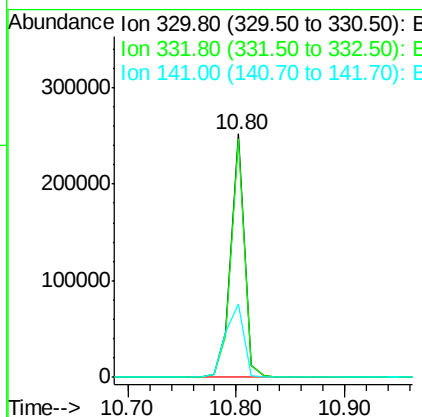
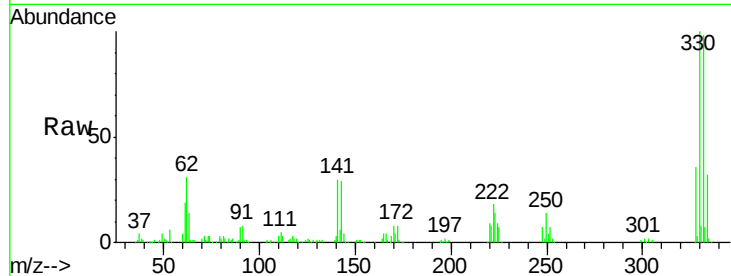
#41
 2,4,6-Tribromophenol
 Concen: 84.23 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	217462		
332	96.9	77.1	115.7	
141	40.5	35.0	52.6	

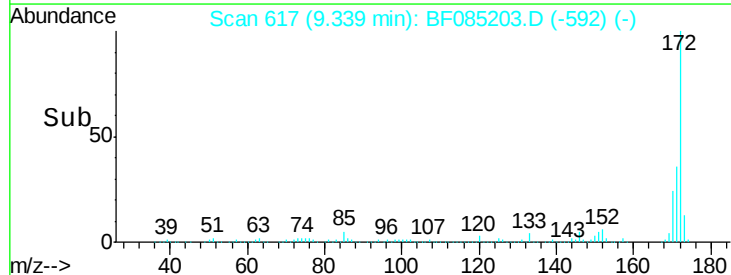
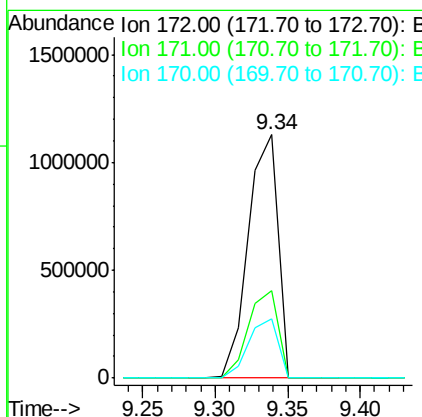
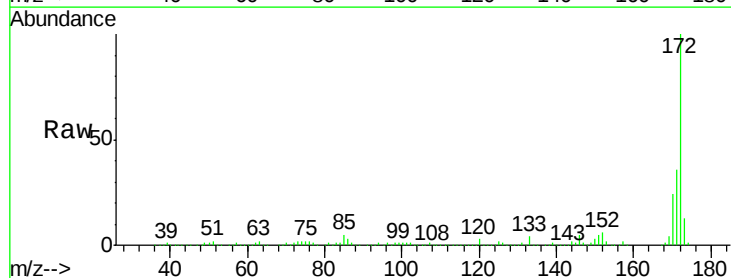
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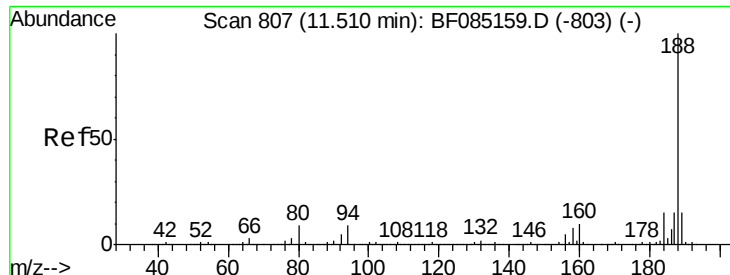
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#44
 2-Fluorobiphenyl
 Concen: 80.75 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1601899		
171	36.1	29.3	43.9	
170	24.3	20.0	30.0	





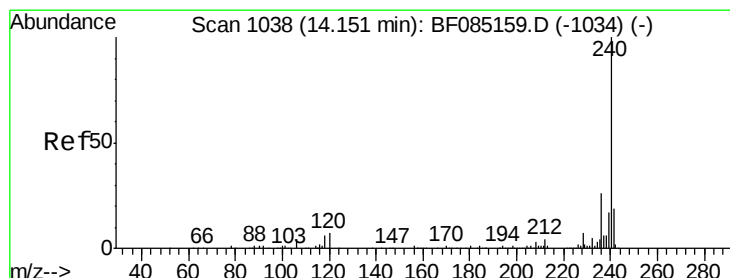
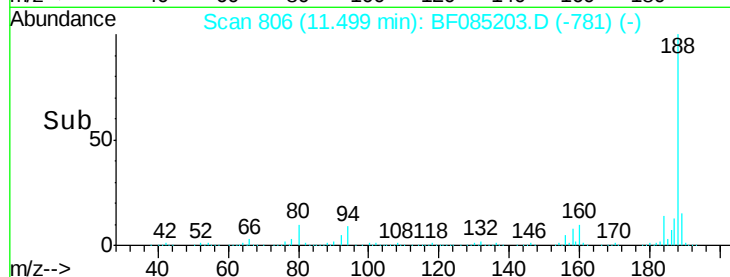
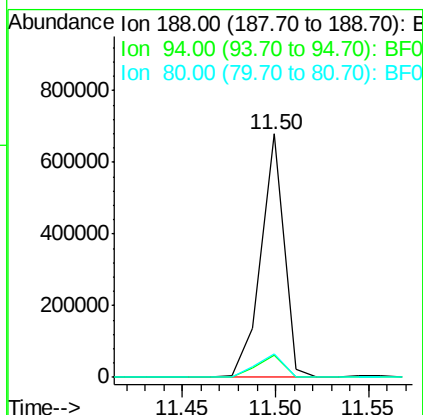
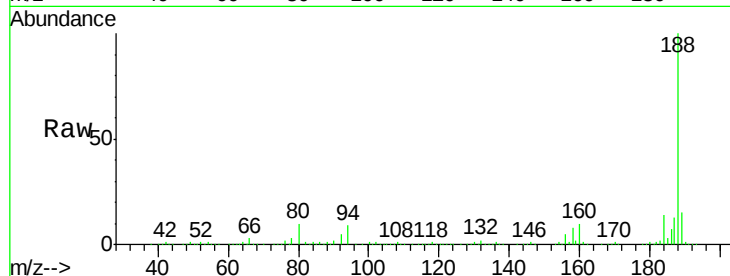
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085203.D
Acq: 4 Mar 2016 15:30

Instrument :
BNA_F
ClientSampleId :
PB88682BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.6	7.4	11.0

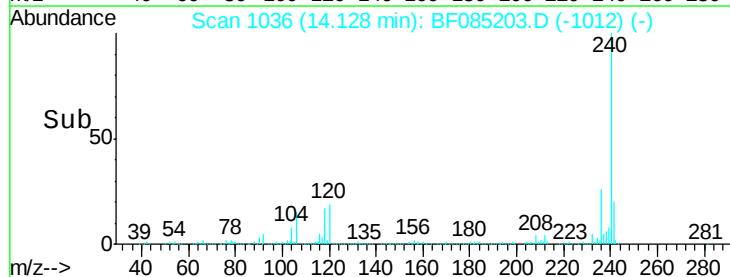
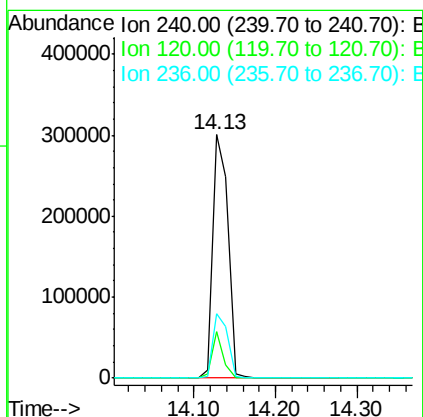
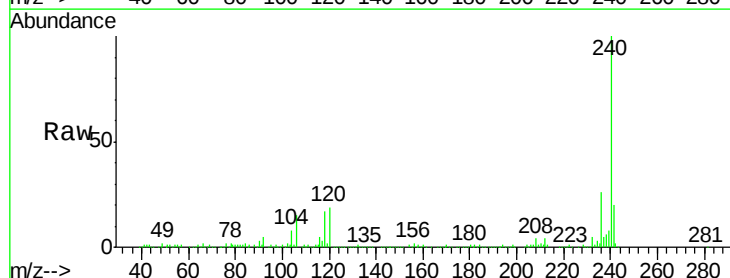
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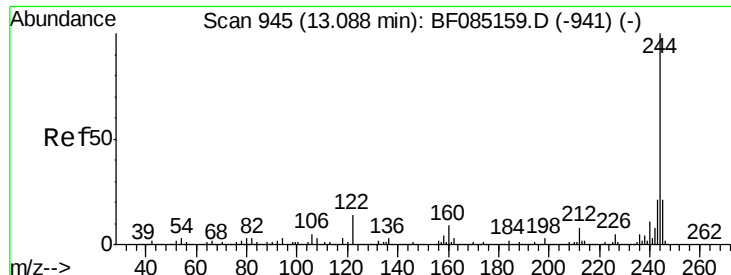
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085203.D
Acq: 4 Mar 2016 15:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	19.4	5.3	7.9#
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 90.02 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

Instrument :

BNA_F

ClientSampleId :

PB88682BL

Tot Ion:244 Resp: 1523335

Ion Ratio Lower Upper

244 100

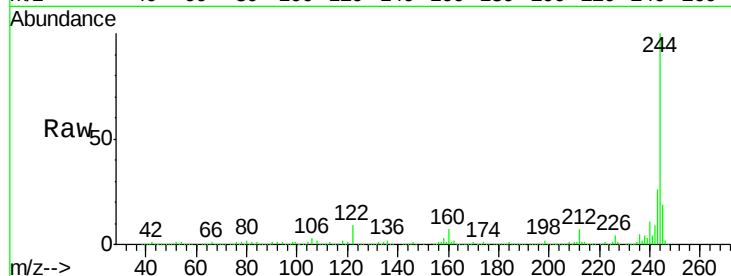
212 7.2 6.4 9.6

122 9.3 11.4 17.2#

Manual Integrations
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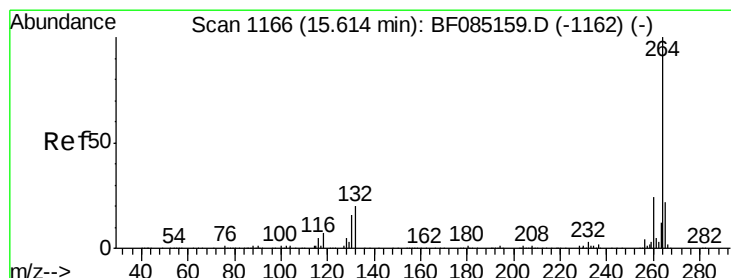
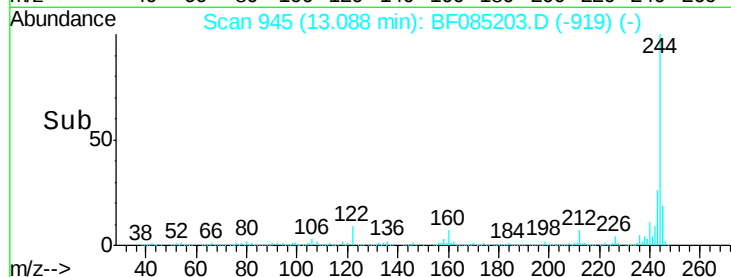
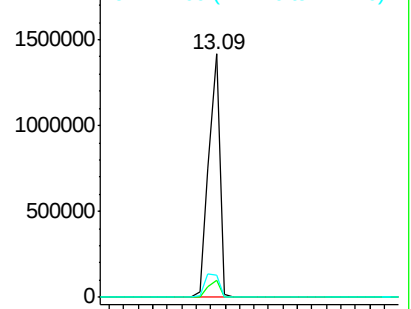
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

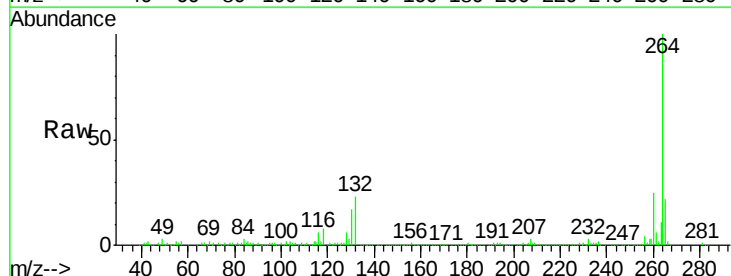
Tgt Ion:264 Resp: 277495

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.6 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

