

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
 Data File : BF085168.D
 Acq On : 3 Mar 2016 20:48
 Operator : SJ/UM
 Sample : H1663-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-39(23-25)

Manual Integrations
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Quant Time: Mar 04 02:24:34 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	145746	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	624138	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	266363	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	525464	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	379667	20.00	ng	-0.01
86) Perylene-d12	15.60	264	257361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1182602	136.11	ng	0.01
7) Phenol-d6	6.60	99	1288825	113.22	ng	-0.01
23) Nitrobenzene-d5	7.53	82	886964	76.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	279478	122.62	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1384276	79.04	ng	-0.01
78) Terphenyl-d14	13.09	244	1239686	75.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	295810	14.47	ng	Qvalue 100

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

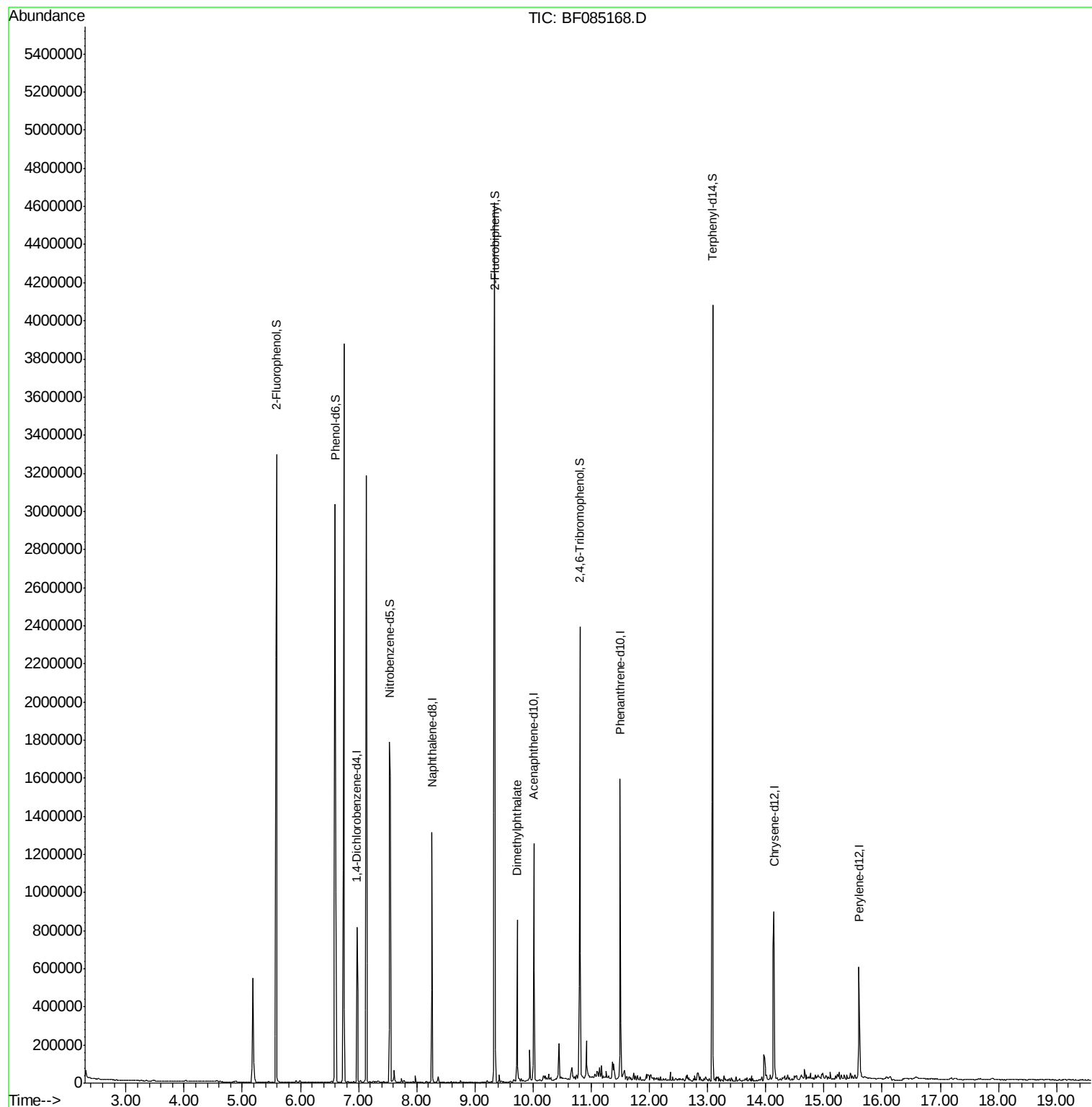
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085168.D
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Operator : SJ/UM
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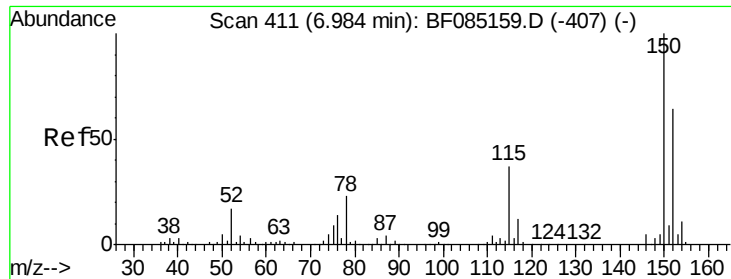
Instrument :
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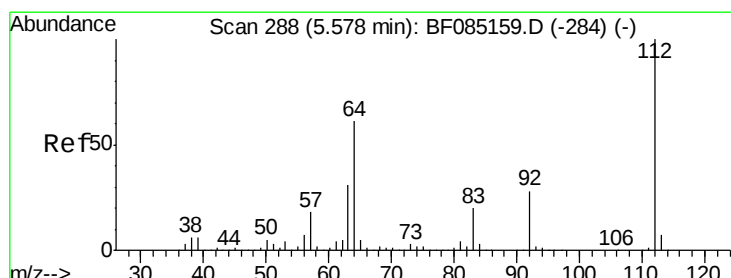
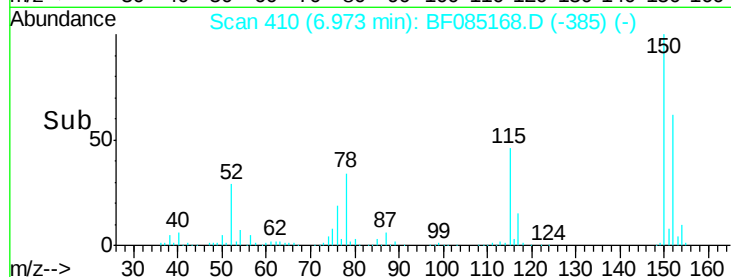
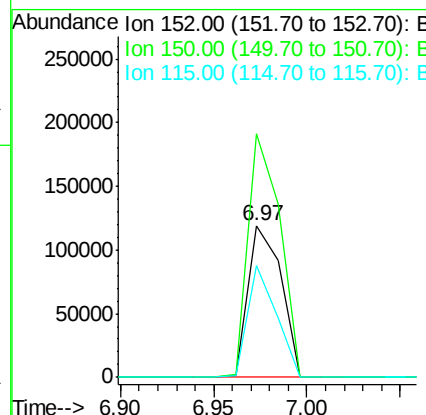
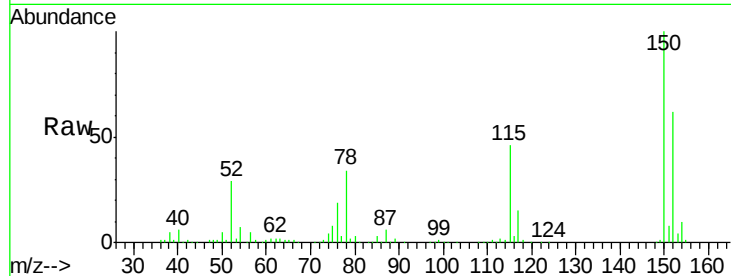
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF085168.D
 Acq: 3 Mar 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-39(23-25)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	73.6	46.6	70.0

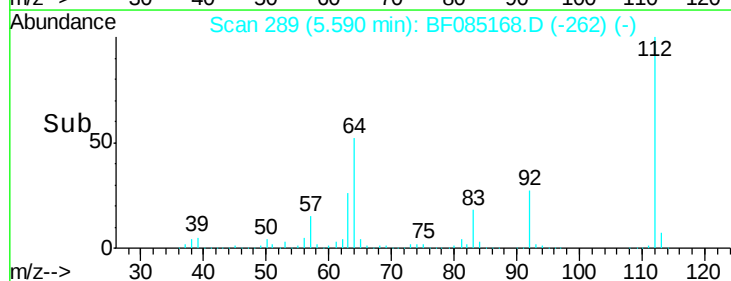
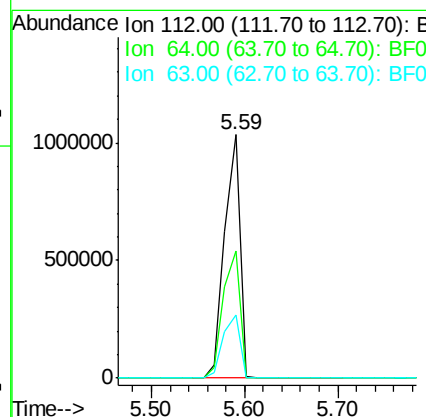
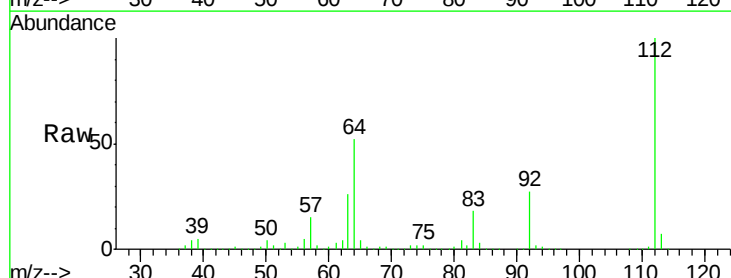
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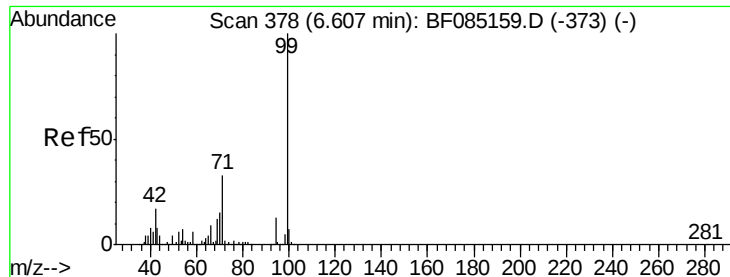
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#5
 2-Fluorophenol
 Concen: 136.11 ng
 RT: 5.59 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF085168.D
 Acq: 3 Mar 2016 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	49.0	73.4
63	26.1	24.8	37.2





#7

Phenol-d6

Concen: 113.22 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085168.D

Acq: 3 Mar 2016 20:48

Instrument :

BNA_F

ClientSampleId :

SB-39(23-25)

Tgt Ion: 99 Resp: 1288825

Ion Ratio Lower Upper

99 100

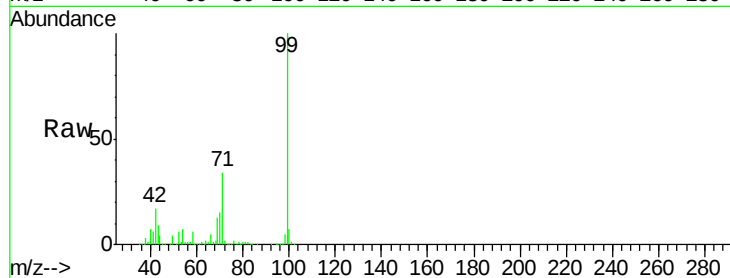
42 17.4 13.6 20.4

71 33.7 26.7 40.1

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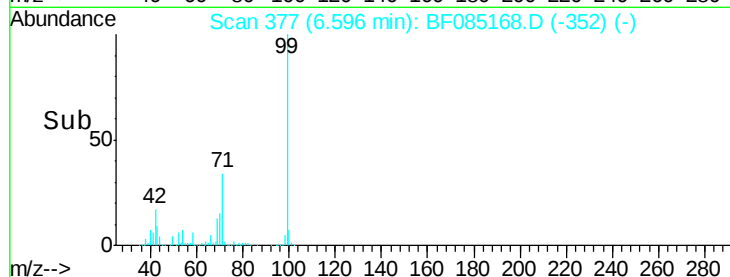
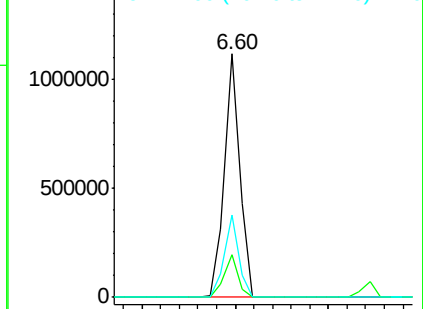
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.26 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF085168.D

Acq: 3 Mar 2016 20:48

Tgt Ion: 136 Resp: 624138

Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 6.3 7.4 11.2#

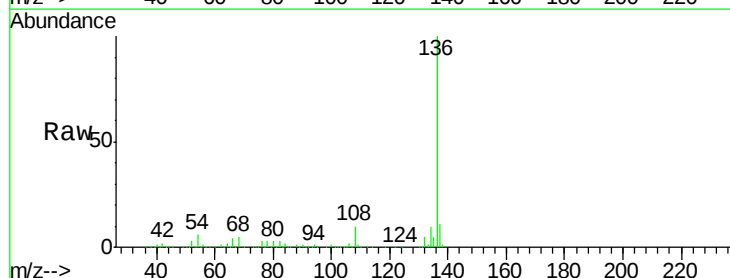
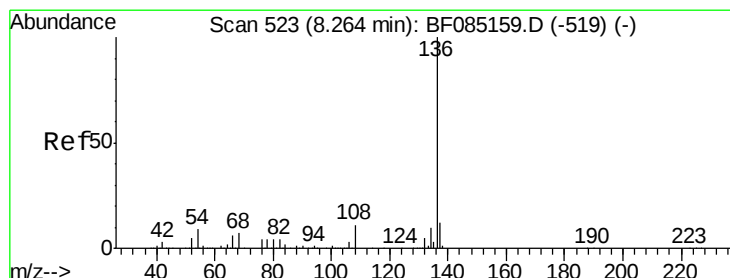
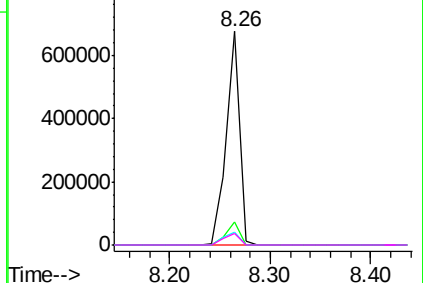
68 5.3 6.0 9.0#

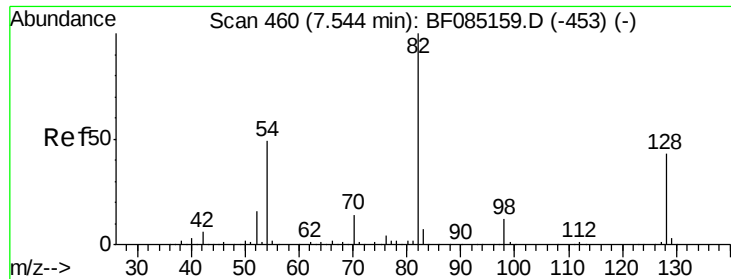
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.05 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085168.D

Acq: 3 Mar 2016 20:48

Instrument :

BNA_F

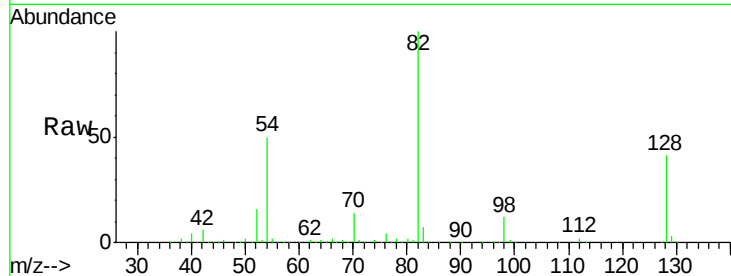
ClientSampleId :

SB-39(23-25)

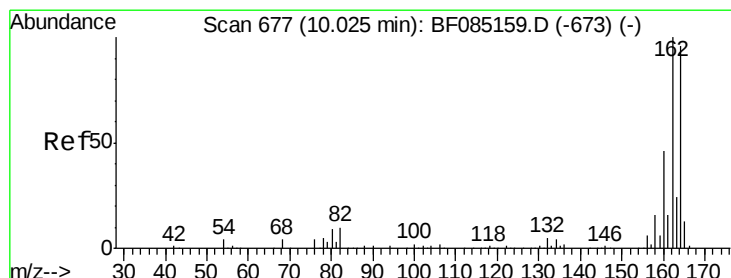
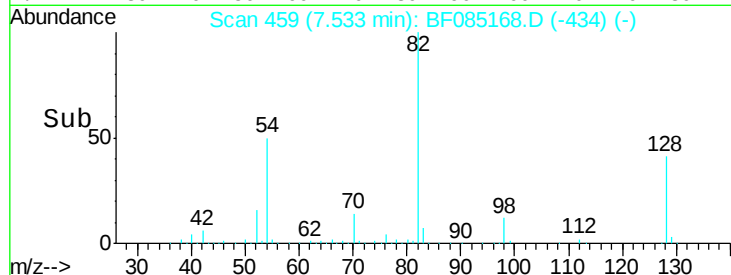
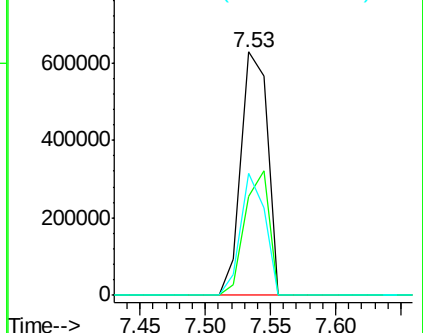
Tgt Ion:	82	Resp:	886964
Ion Ratio	Lower	Upper	
82	100		
128	40.8	34.5	51.7
54	49.9	39.3	58.9

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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: 10.01 min Scan# 676

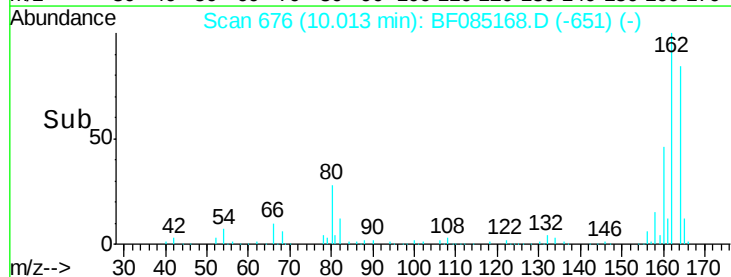
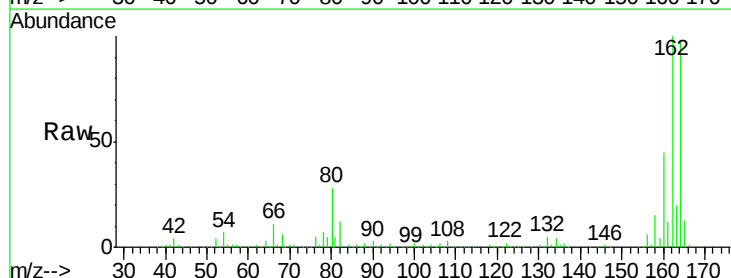
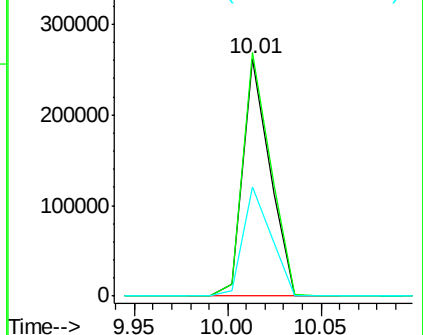
Delta R.T. -0.01 min

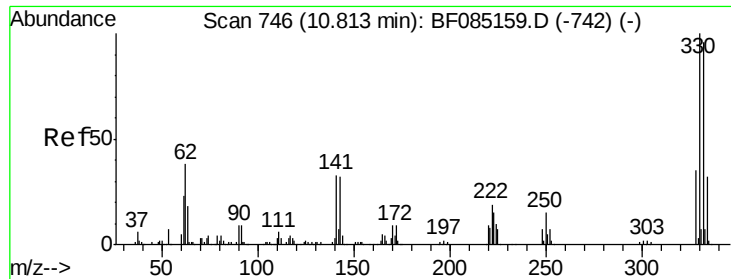
Lab File: BF085168.D

Acq: 3 Mar 2016 20:48

Tgt Ion:	164	Resp:	266363
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.3	124.9
160	46.1	37.9	56.9

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





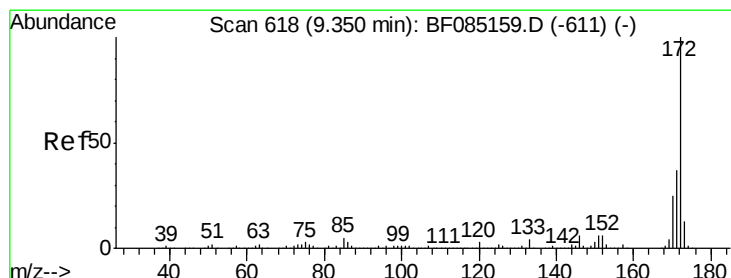
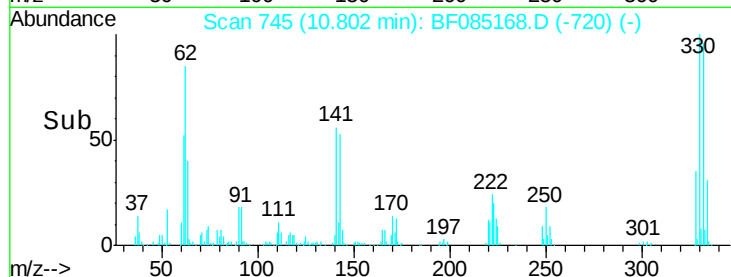
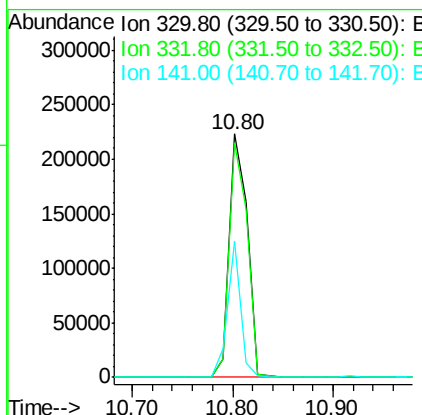
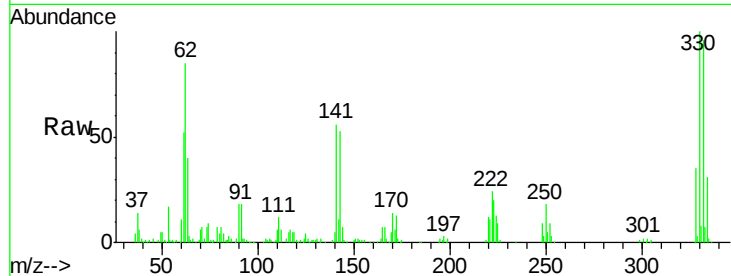
#41
 2,4,6-Tribromophenol
 Concen: 122.62 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085168.D
 Acq: 3 Mar 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-39(23-25)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	279478		
332	96.5	77.1	115.7	
141	41.5	35.0	52.6	

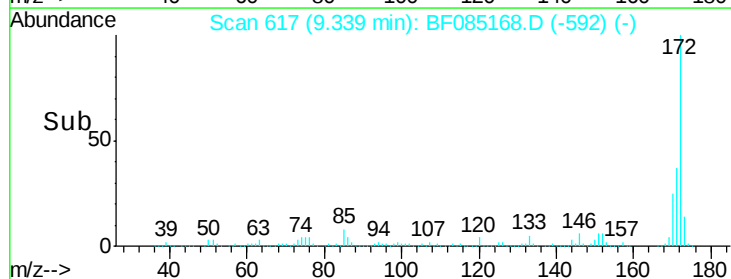
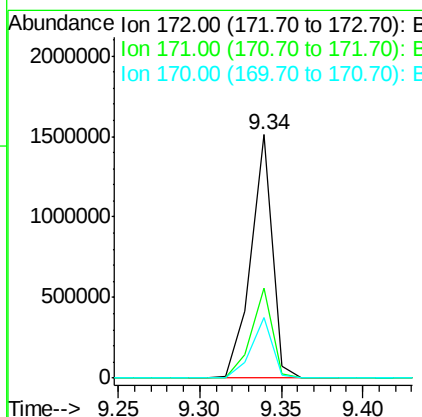
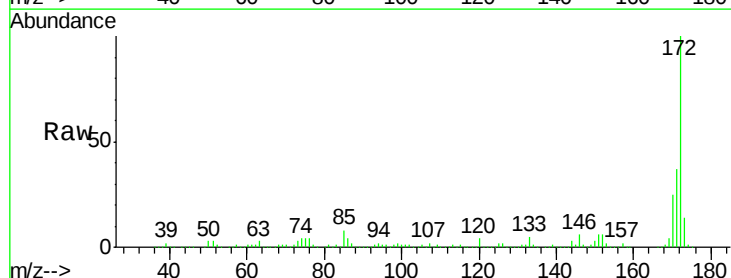
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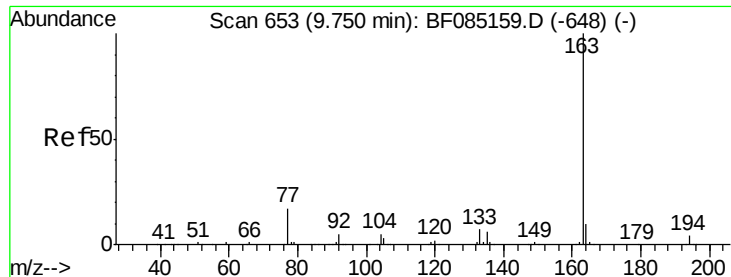
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#44
 2-Fluorobiphenyl
 Concen: 79.04 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085168.D
 Acq: 3 Mar 2016 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1384276		
171	36.8	29.3	43.9	
170	25.1	20.0	30.0	





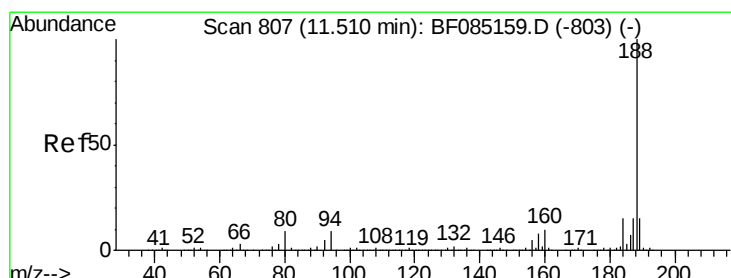
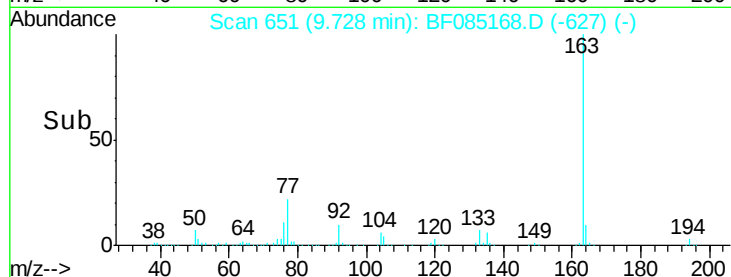
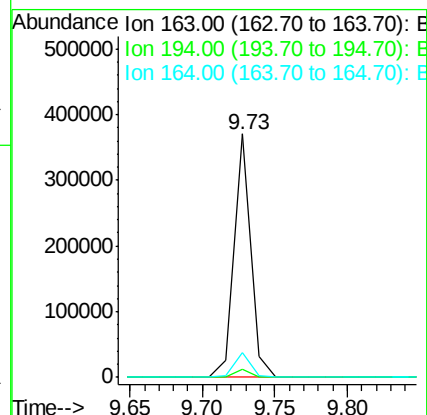
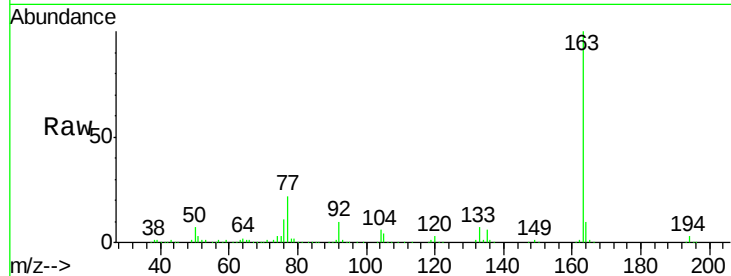
#49
Dimethylphthalate
Concen: 14.47 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085168.D
Acq: 3 Mar 2016 20:48

Instrument :
BNA_F
ClientSampleId :
SB-39(23-25)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	3.1	4.7
164	10.3	8.2	12.4

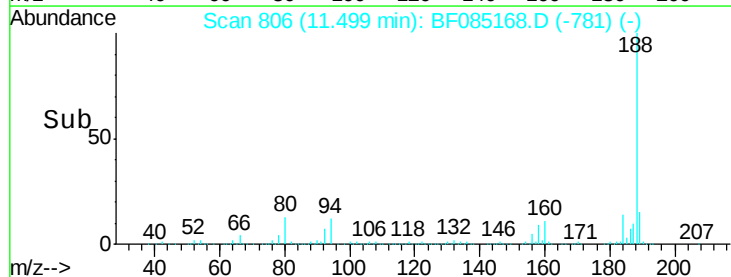
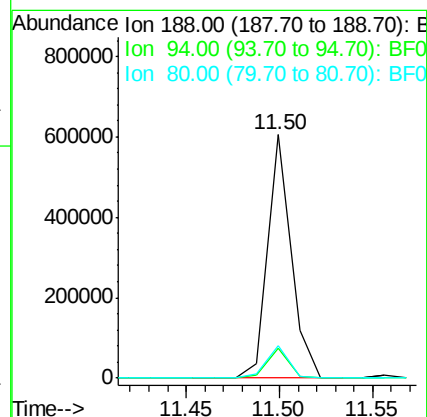
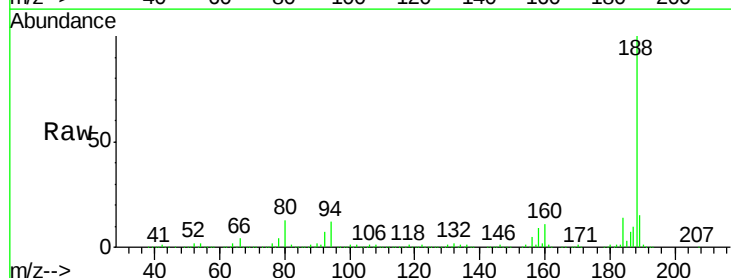
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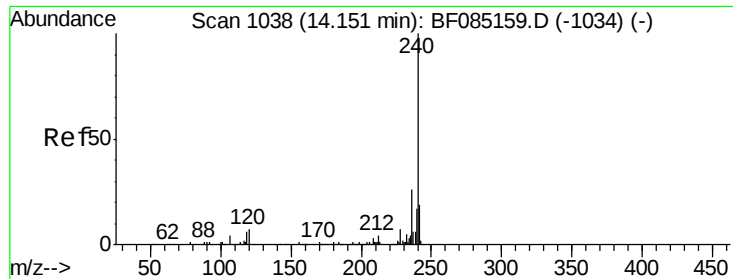
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085168.D
Acq: 3 Mar 2016 20:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	7.0	10.6#
80	13.3	7.4	11.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085168.D

Acq: 3 Mar 2016 20:48

Instrument :

BNA_F

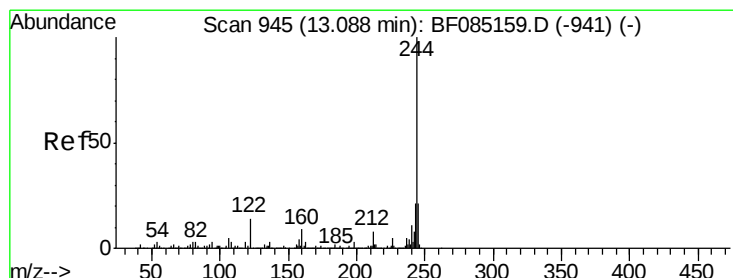
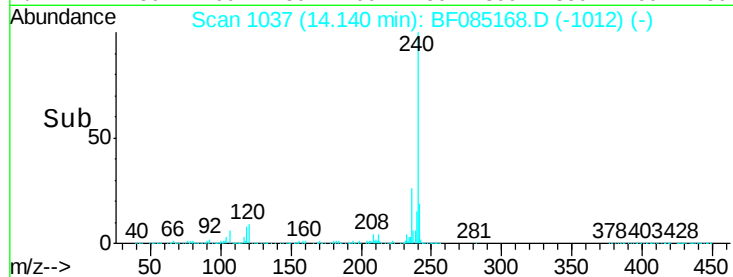
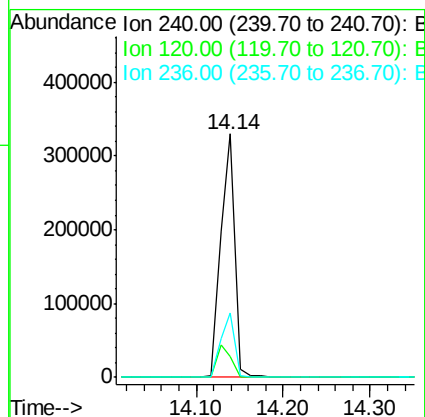
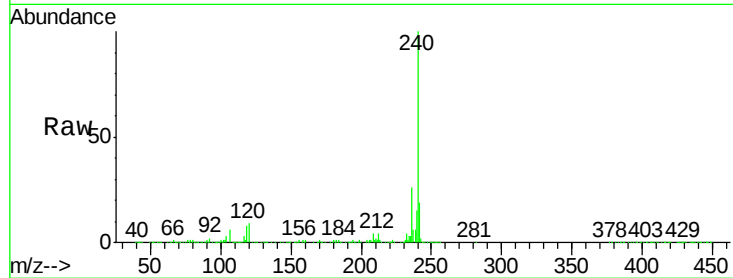
ClientSampleId :

SB-39(23-25)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	379667		
120	8.8	5.3	7.9#	
236	26.2	20.7	31.1	

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#78

Terphenyl-d14

Concen: 75.80 ng

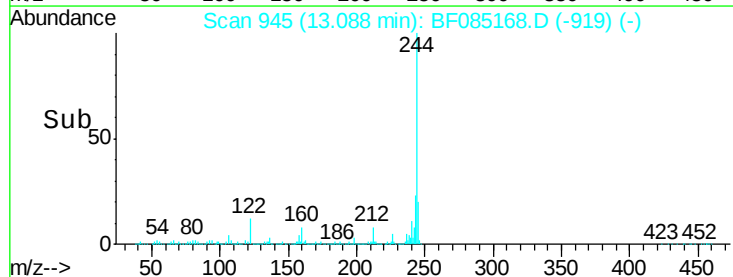
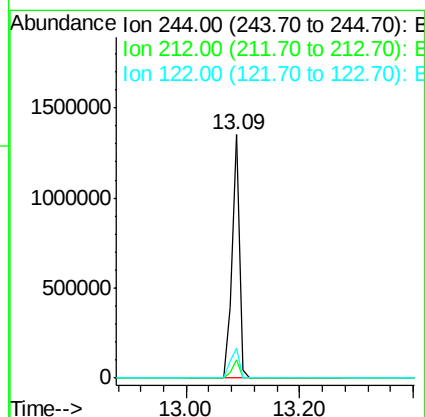
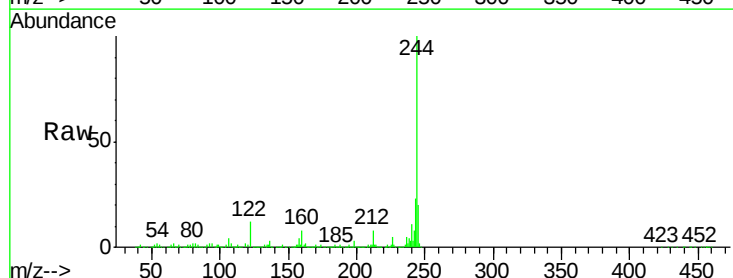
RT: 13.09 min Scan# 945

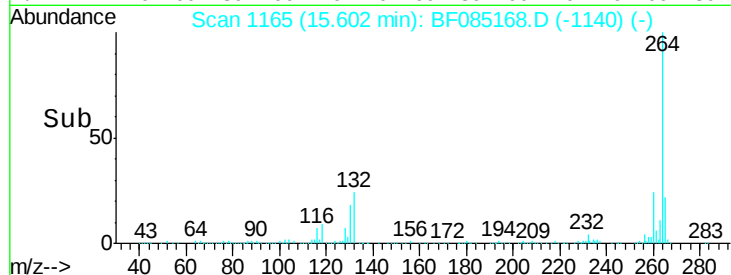
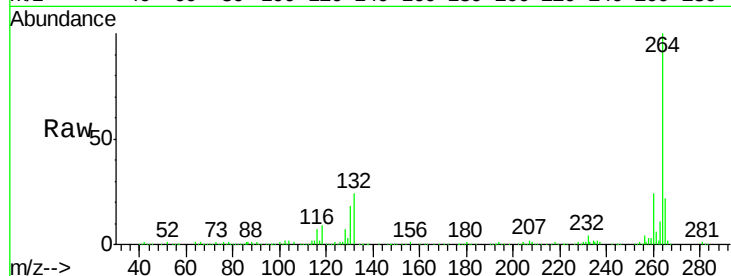
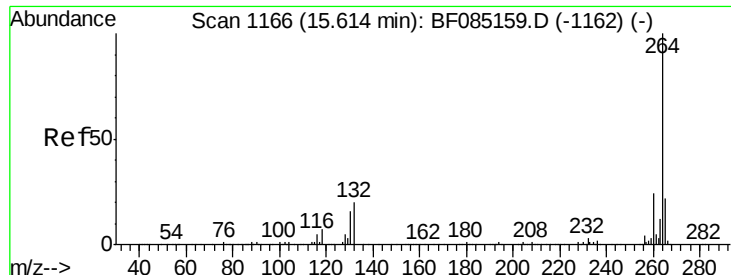
Delta R.T. 0.00 min

Lab File: BF085168.D

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Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1239686		
212	7.6	6.4	9.6	
122	12.1	11.4	17.2	





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085168.D
Acq: 3 Mar 2016 20:48

Instrument :
BNA_F
ClientSampleId :
SB-39(23-25)

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		257361		
260	24.2	19.2	28.8		
265	21.9	17.3	25.9		

Manual Integrations
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