

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085268.D
 Acq On : 8 Mar 2016 21:10
 Operator : UM/SJ
 Sample : H1707-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

Manual Integrations
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 3/9/2016 9:30:43 AM

Quant Time: Mar 09 01:06:36 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	6.96	152	153168	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	586833	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	272712	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	535147	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	381838	20.00	ng	-0.03
86) Perylene-d12	15.58	264	212411	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1278306	139.99	ng	0.00
7) Phenol-d6	6.58	99	1251648	104.62	ng	-0.02
23) Nitrobenzene-d5	7.52	82	960503	87.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	387551	166.08	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1779161	99.22	ng	-0.02
78) Terphenyl-d14	13.08	244	1772863	107.78	ng	-0.01
Target Compounds						
31) Naphthalene	8.26	128	170996	5.93	ng	Qvalue 98

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

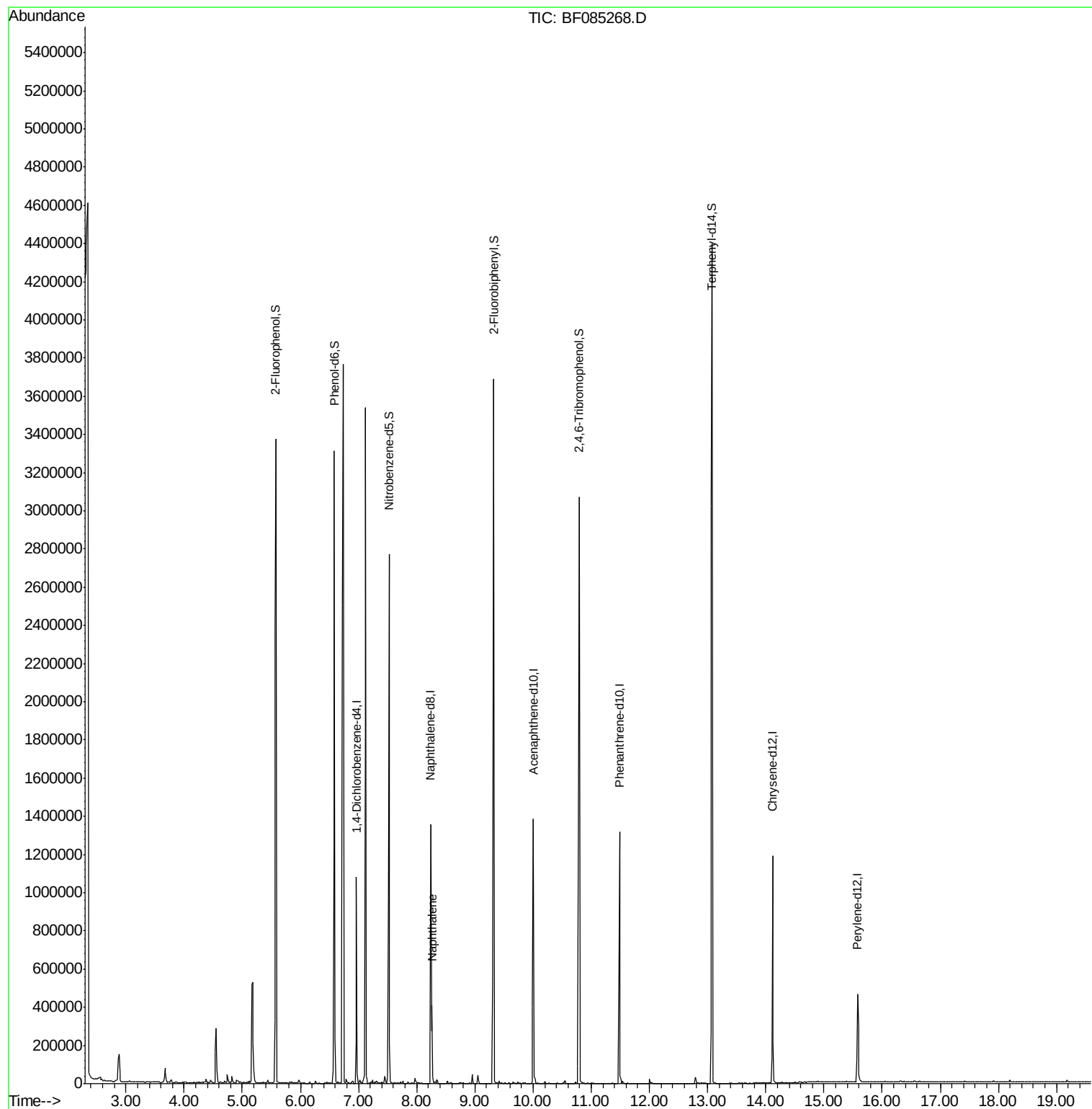
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085268.D
Acq On : 8 Mar 2016 21:10
Operator : UM/SJ
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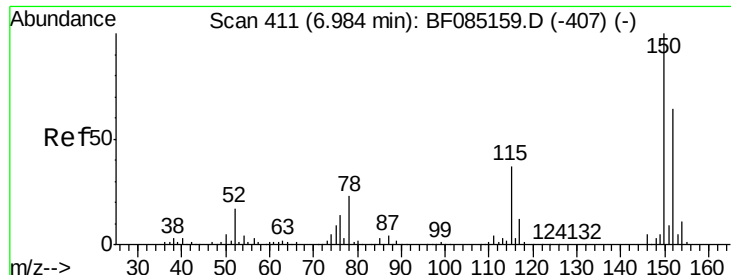
Instrument :
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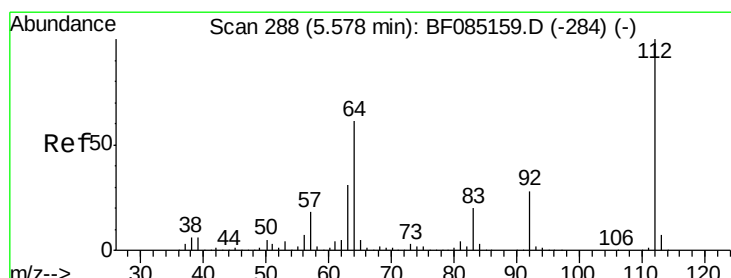
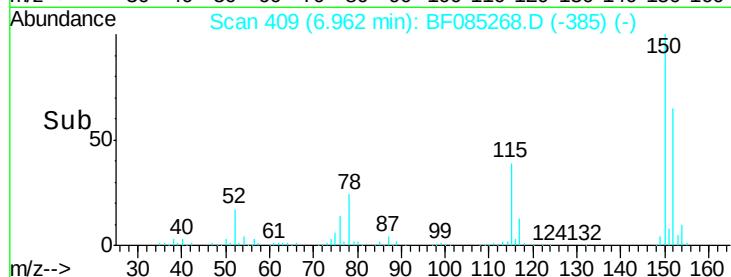
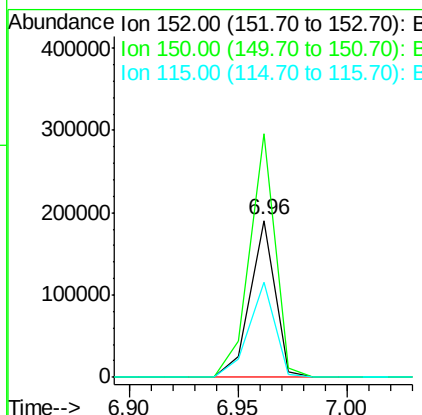
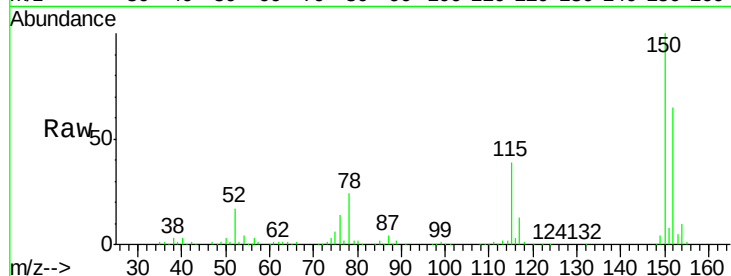
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	153168		
150	155.0	124.6	186.8	
115	60.3	46.6	70.0	

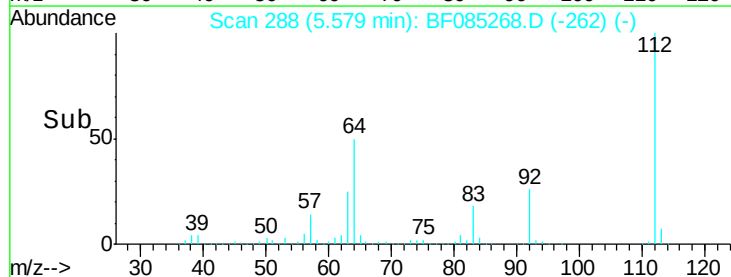
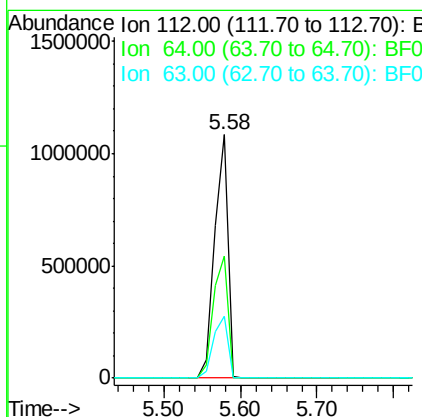
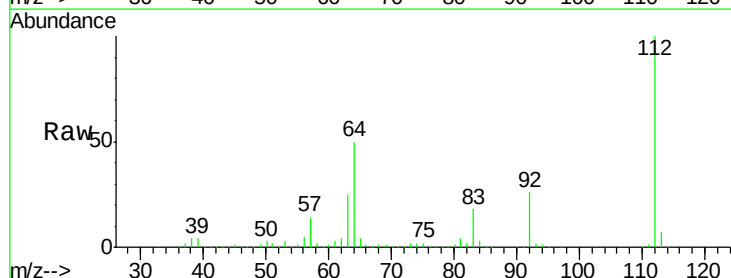
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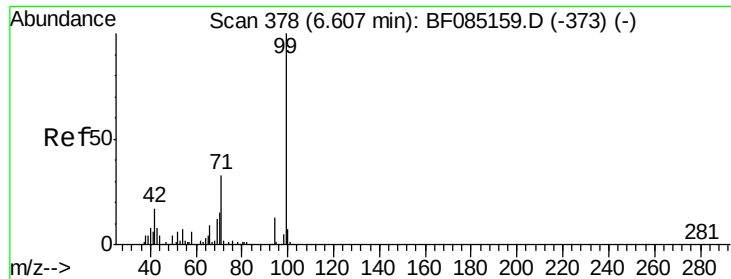
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#5
 2-Fluorophenol
 Concen: 139.99 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	1278306		
64	50.2	49.0	73.4	
63	25.5	24.8	37.2	





#7

Phenol-d6

Concen: 104.62 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085268.D

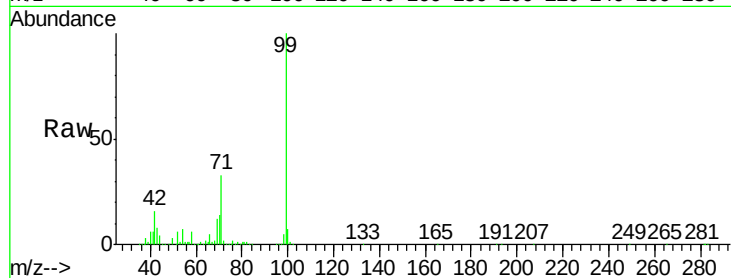
Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5



Tgt Ion: 99 Resp: 1251648

Ion Ratio Lower Upper

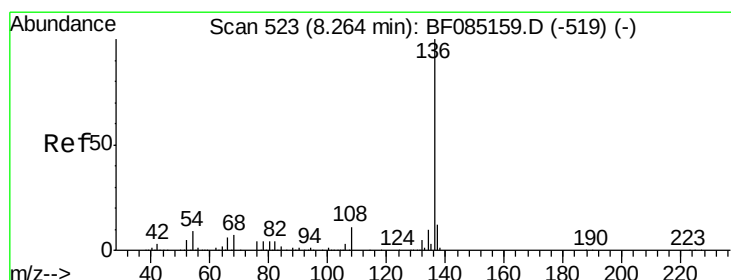
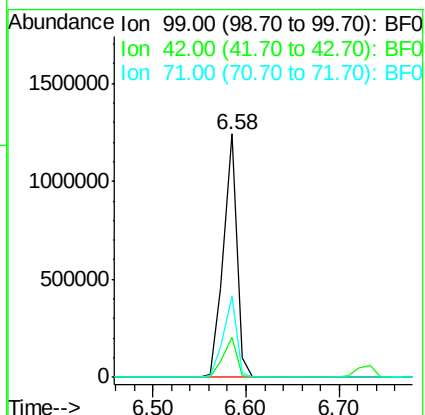
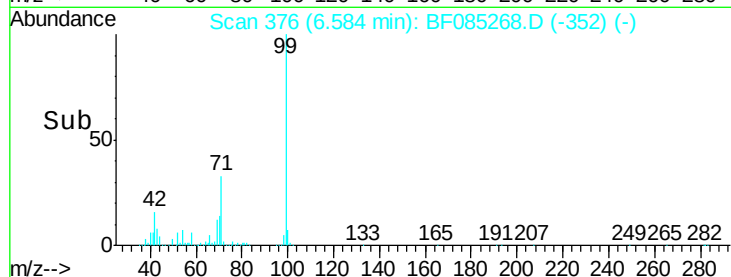
99 100

42 16.2 13.6 20.4

71 33.5 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Tgt Ion: 136 Resp: 586833

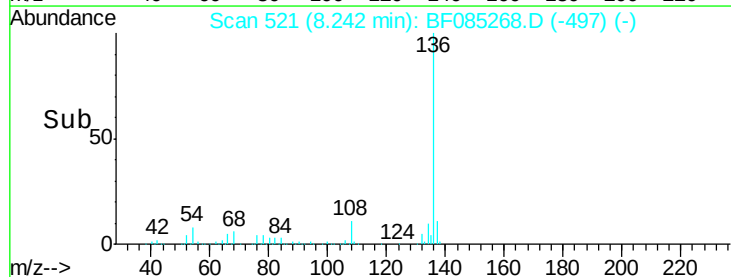
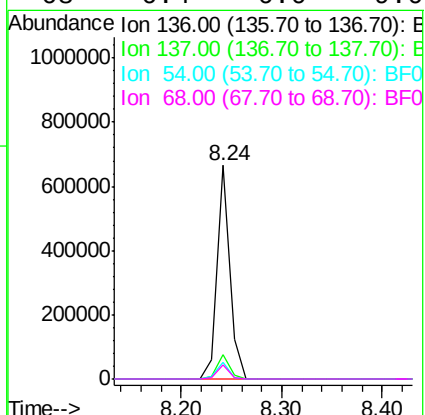
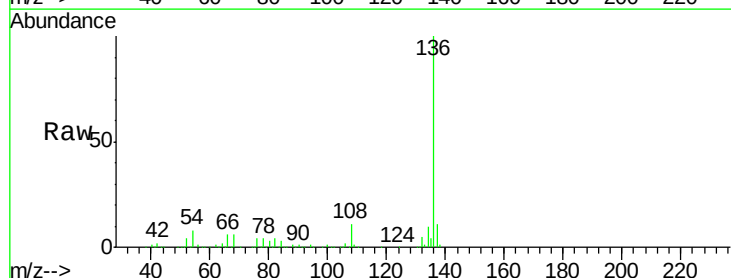
Ion Ratio Lower Upper

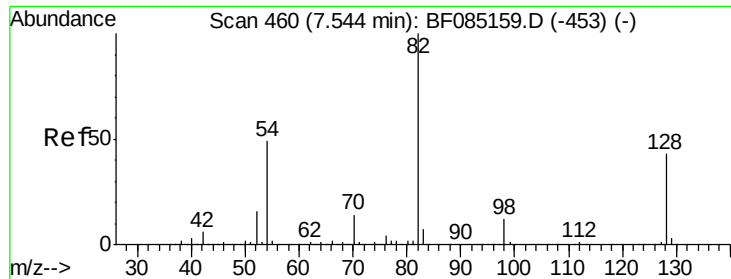
136 100

137 11.3 9.3 13.9

54 7.7 7.4 11.2

68 6.4 6.0 9.0





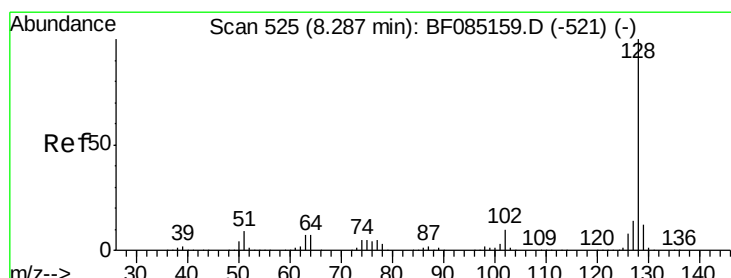
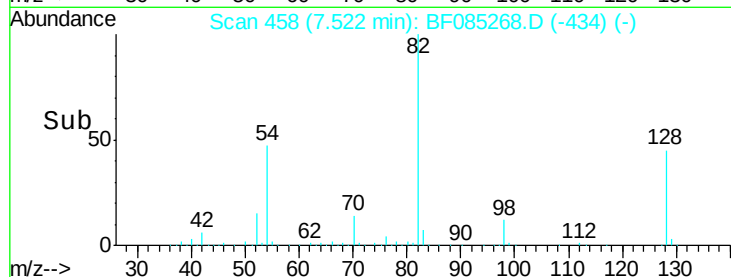
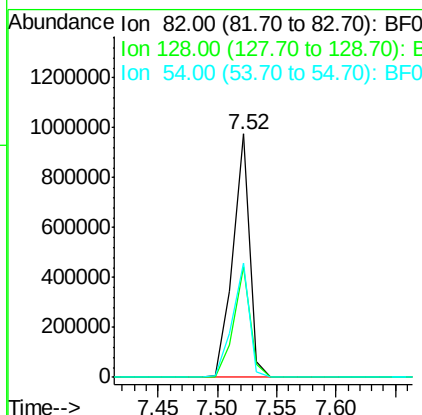
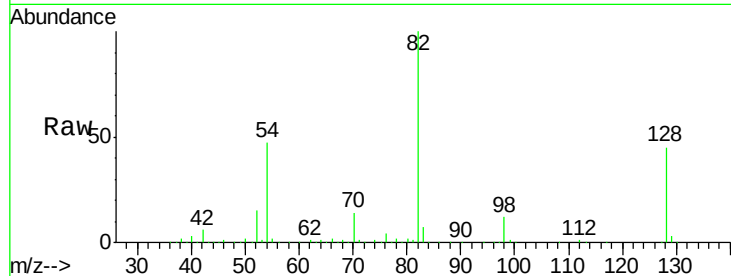
#23
 Nitrobenzene-d5
 Concen: 87.59 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	960503		
128	45.3	34.5	51.7	
54	47.0	39.3	58.9	

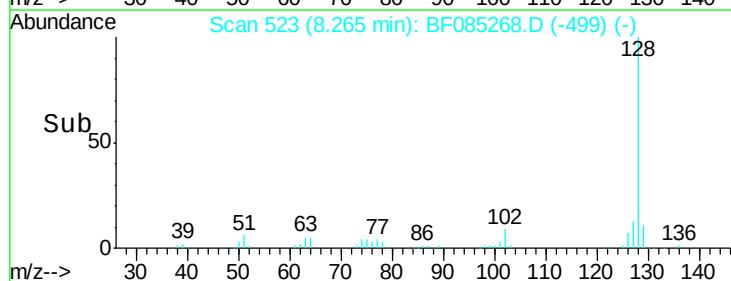
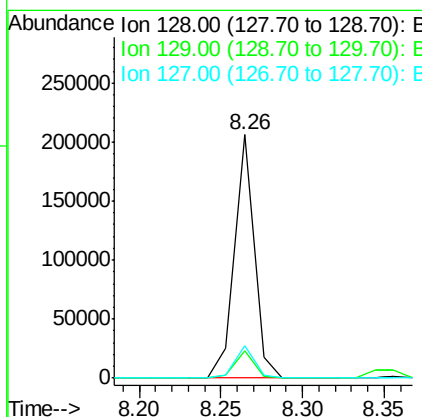
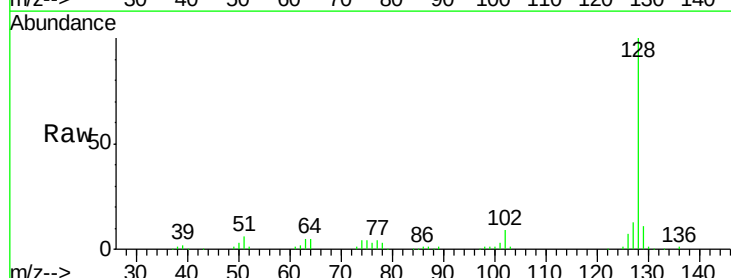
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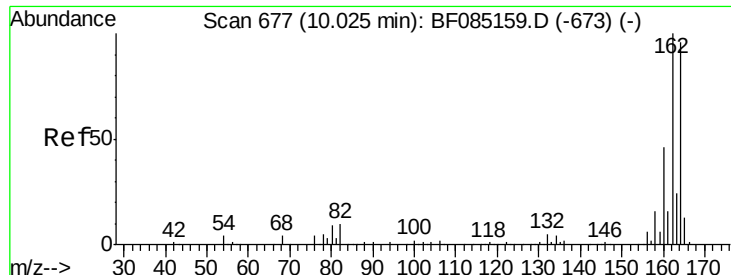
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#31
 Naphthalene
 Concen: 5.93 ng
 RT: 8.26 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	170996		
129	11.0	9.7	14.5	
127	13.1	11.2	16.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085268.D

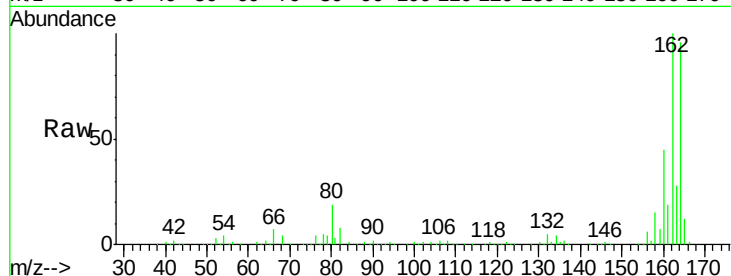
Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

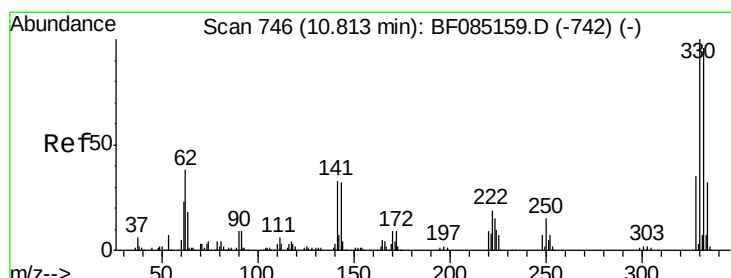
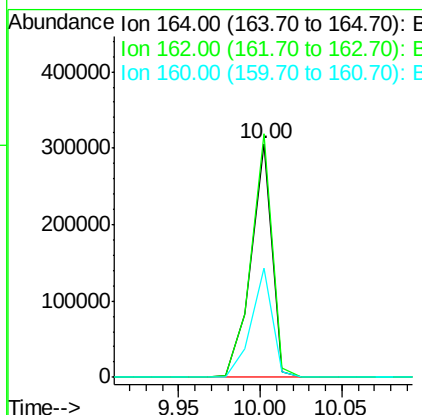
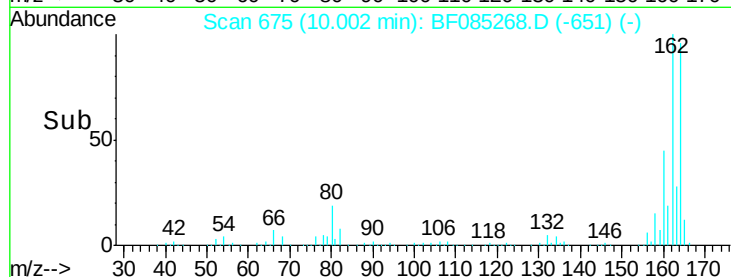
RW-48-S2-GRID5



Tgt Ion:	164	Resp:	272712
Ion Ratio	Lower	Upper	
164	100		
162	104.2	83.3	124.9
160	46.7	37.9	56.9

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#41

2,4,6-Tribromophenol

Concen: 166.08 ng

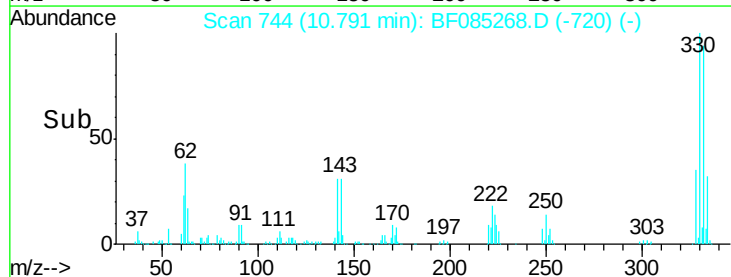
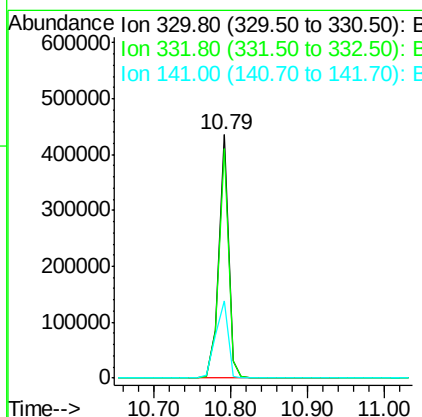
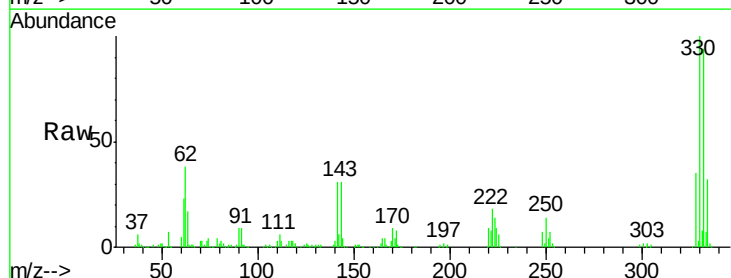
RT: 10.79 min Scan# 744

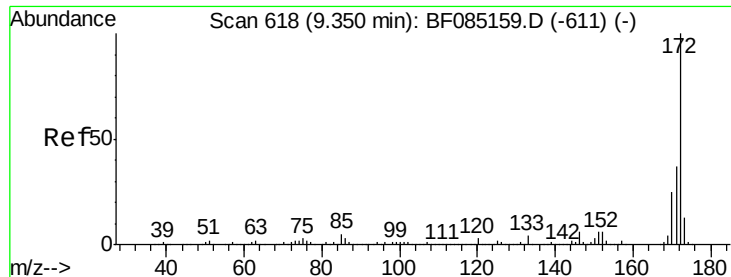
Delta R.T. -0.02 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Tgt Ion:	330	Resp:	387551
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.1	115.7
141	39.6	35.0	52.6





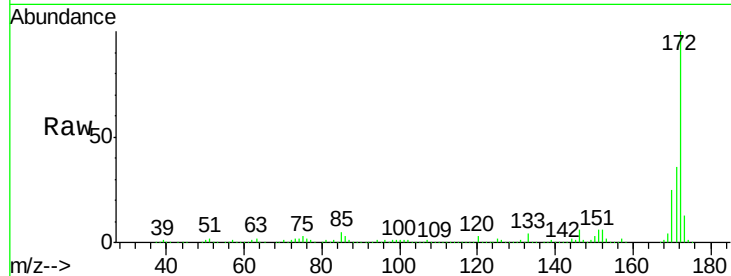
#44
 2-Fluorobiphenyl
 Concen: 99.22 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

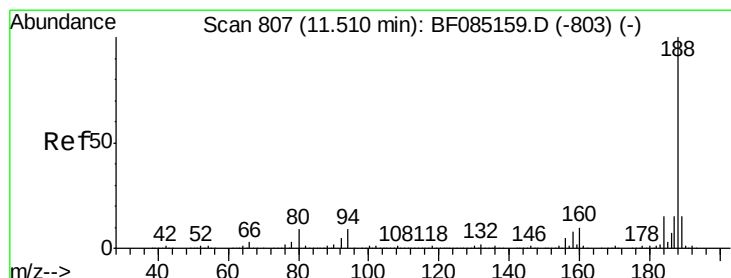
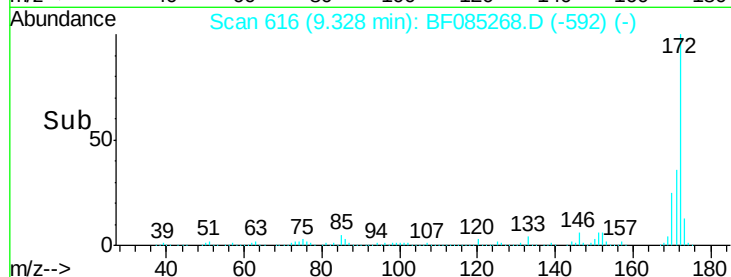
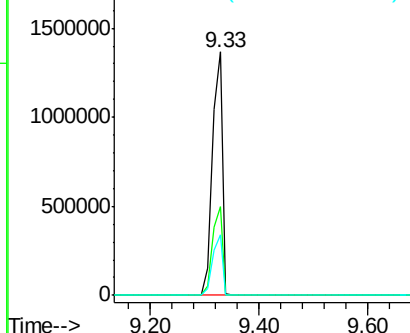
Tgt Ion:172 Resp: 1779161
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.6 20.0 30.0

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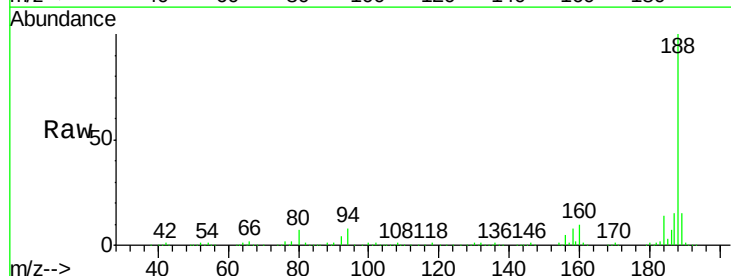


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

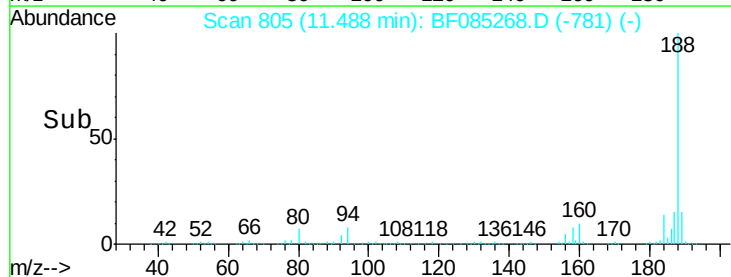
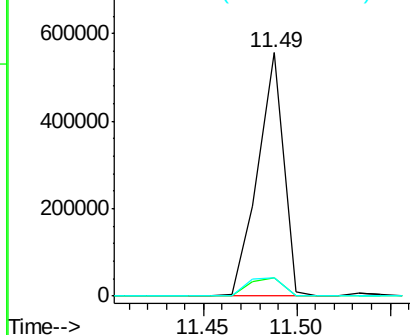


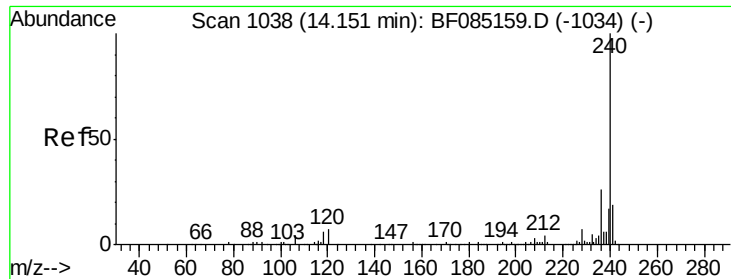
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF085268.D
 Acq: 8 Mar 2016 21:10

Tgt Ion:188 Resp: 535147
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.6
 80 7.5 7.4 11.0



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085268.D

Acq: 8 Mar 2016 21:10

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

Tgt Ion:240 Resp: 381838
Ion Ratio Lower Upper

240 100

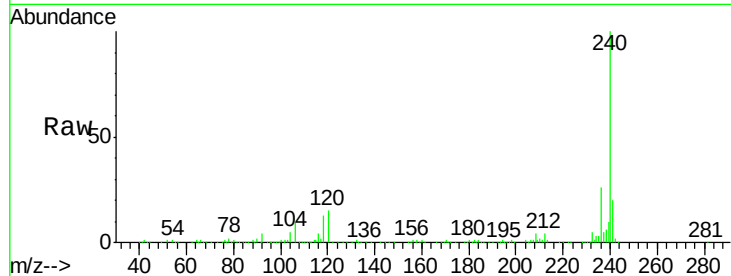
120 14.8 5.3 7.9#

236 26.1 20.7 31.1

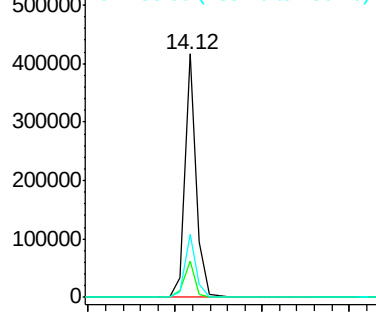
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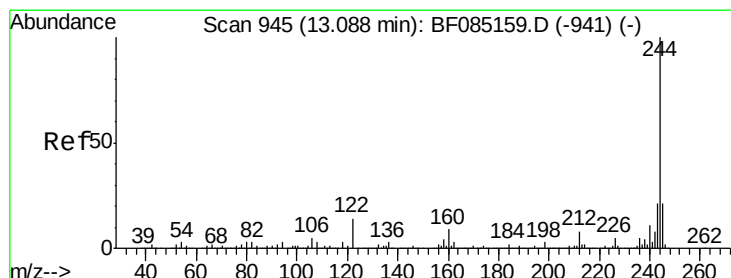
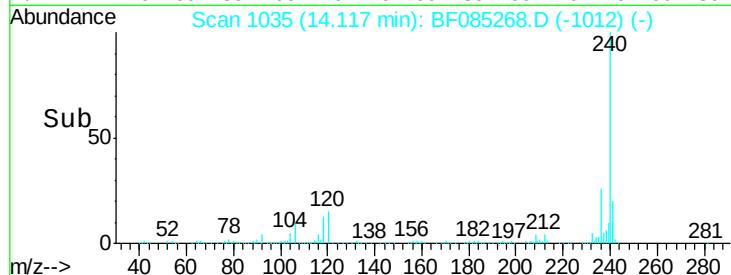
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.10 14.20 14.30



#78

Terphenyl-d14

Concen: 107.78 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085268.D

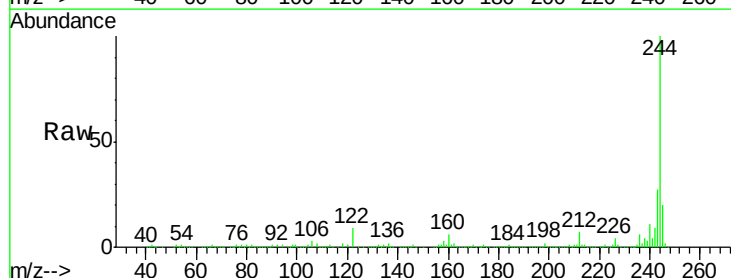
Acq: 8 Mar 2016 21:10

Tgt Ion:244 Resp: 1772863
Ion Ratio Lower Upper

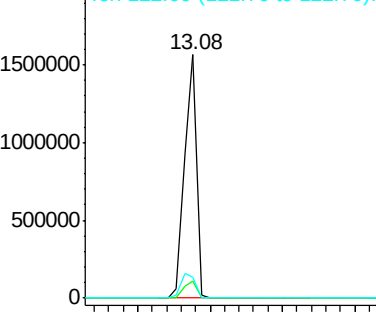
244 100

212 7.0 6.4 9.6

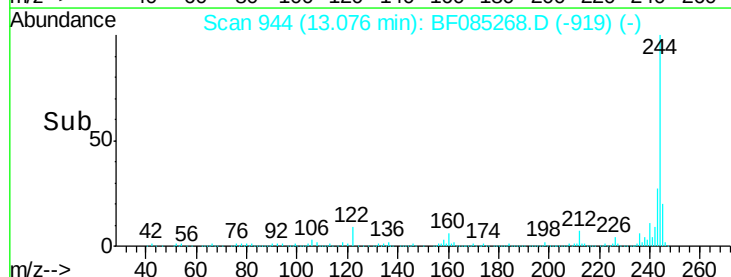
122 8.8 11.4 17.2#

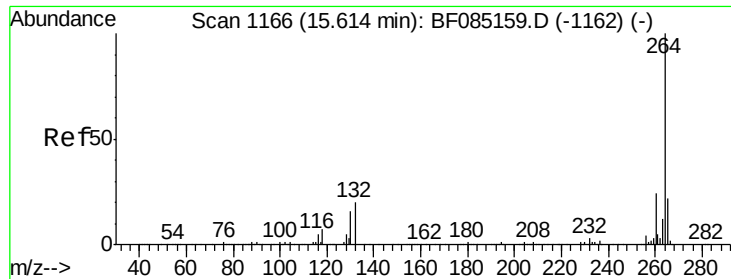


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 13.00 13.10 13.20 13.30





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085268.D
Acq: 8 Mar 2016 21:10

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID5

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		212411		
260	24.2	19.2	28.8		
265	20.9	17.3	25.9		

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