

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085265.D
 Acq On : 8 Mar 2016 19:45
 Operator : UM/SJ
 Sample : H1684-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-2

Manual Integrations
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 3/9/2016 9:30:35 AM

Quant Time: Mar 09 00:56:36 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	148740	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	553125	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	281418	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	481616	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	337450	20.00	ng	-0.03
86) Perylene-d12	15.58	264	269207	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1198589	135.17	ng	0.00
7) Phenol-d6	6.58	99	1199523	103.25	ng	-0.02
23) Nitrobenzene-d5	7.52	82	914203	88.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	355681	147.71	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1723668	93.15	ng	-0.02
78) Terphenyl-d14	13.08	244	1603711	110.32	ng	-0.01
Target Compounds						
31) Naphthalene	8.26	128	102198	3.76	ng	Qvalue 98

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

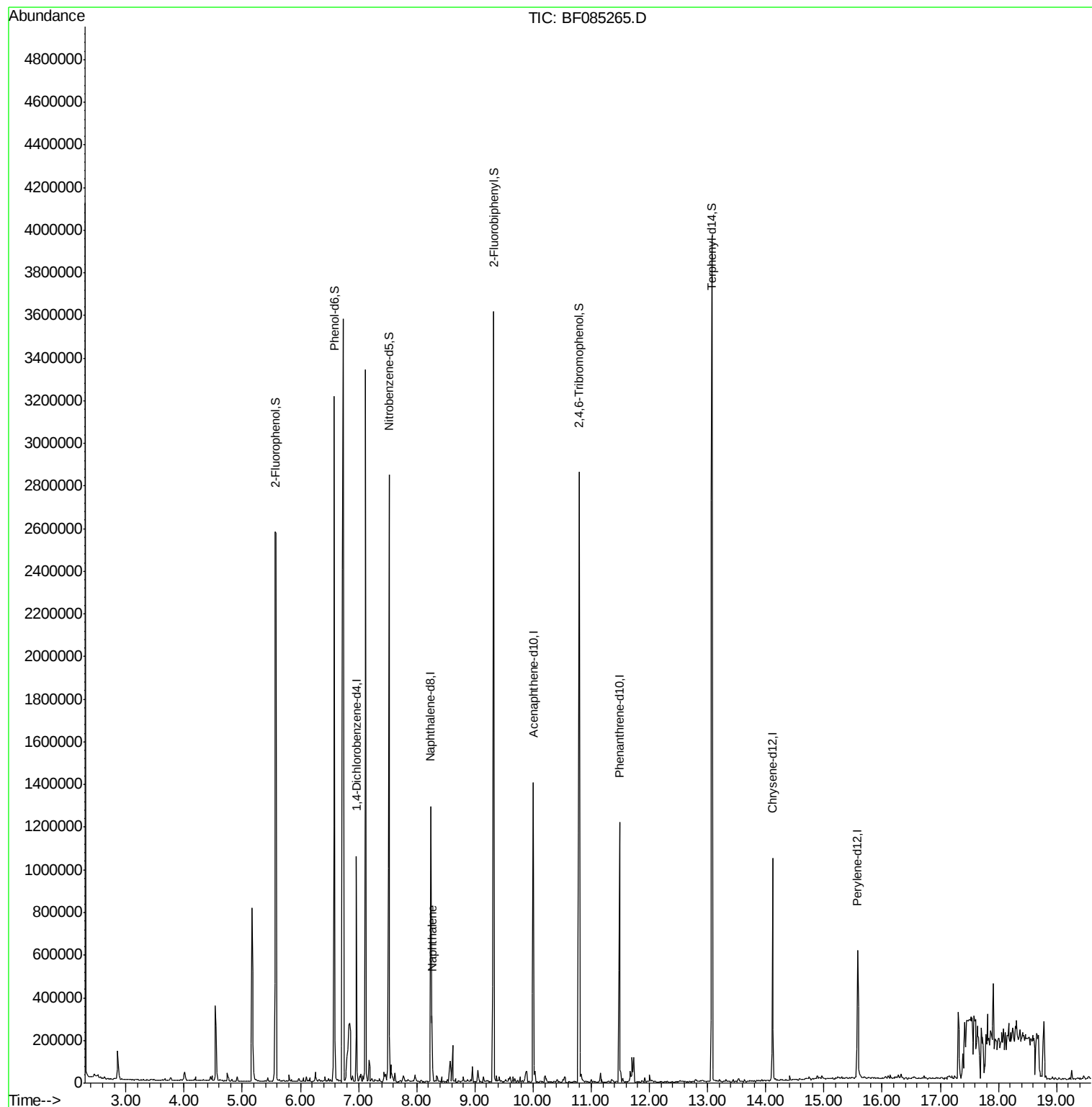
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085265.D
Acq On : 8 Mar 2016 19:45
Operator : UM/SJ
Sample : H1684-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

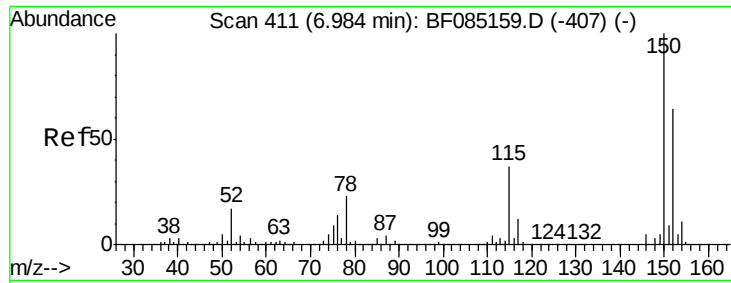
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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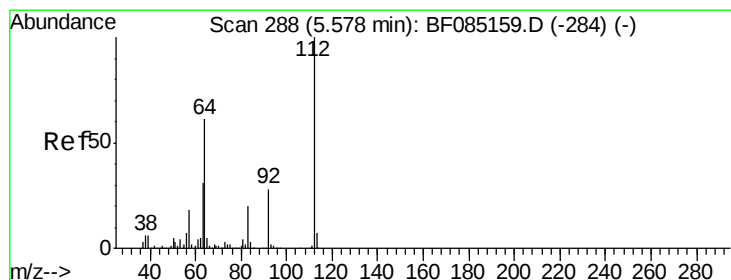
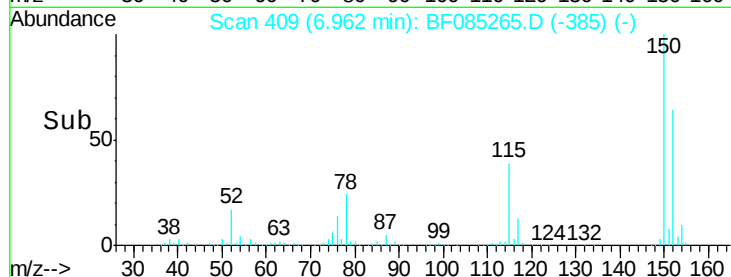
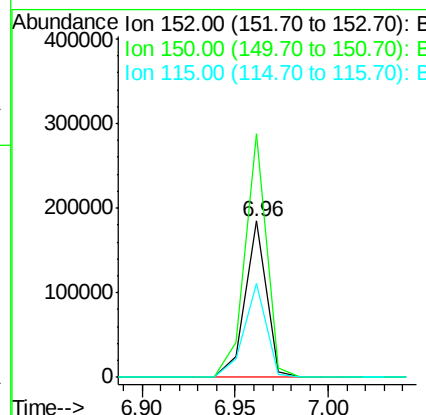
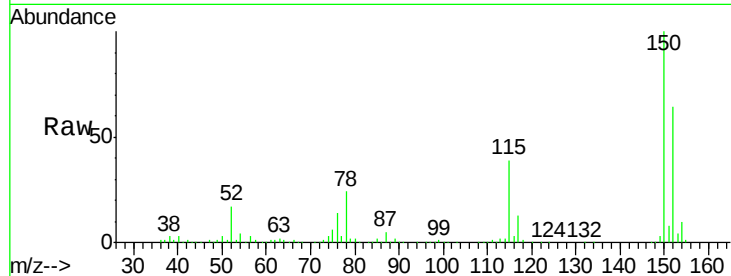
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.4	46.6	70.0

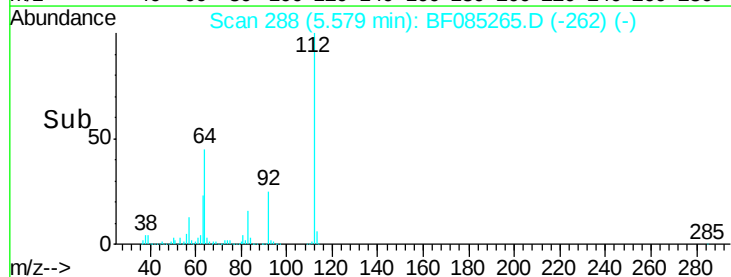
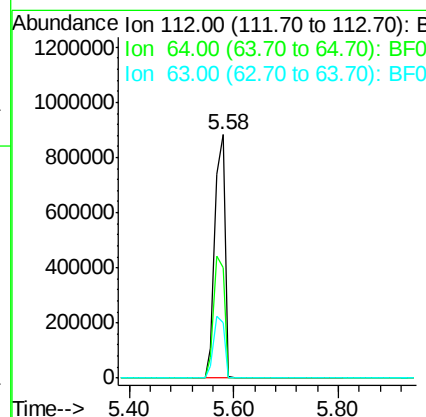
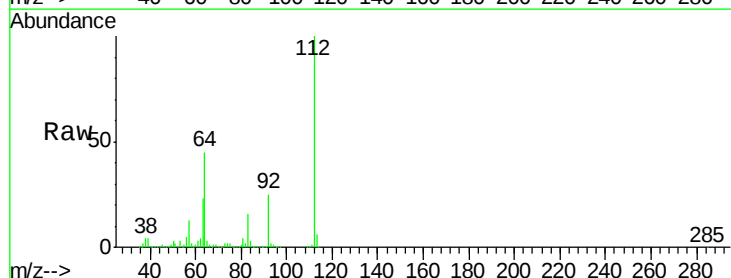
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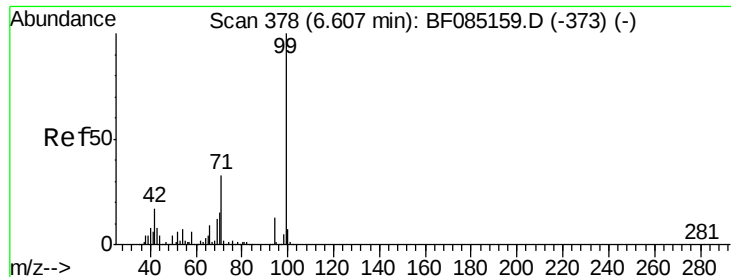
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#5
 2-Fluorophenol
 Concen: 135.17 ng
 RT: 5.58 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.3	49.0	73.4#
63	22.7	24.8	37.2#





#7

Phenol-d6

Concen: 103.25 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-2

Tgt Ion: 99 Resp: 1199523

Ion Ratio Lower Upper

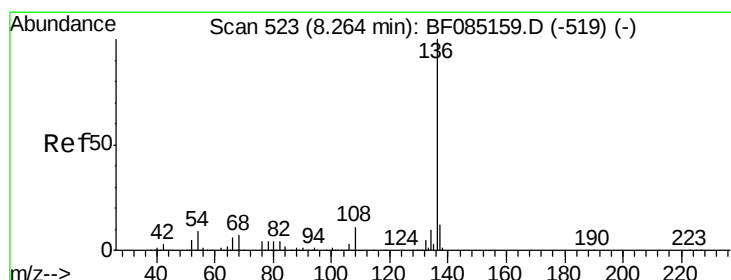
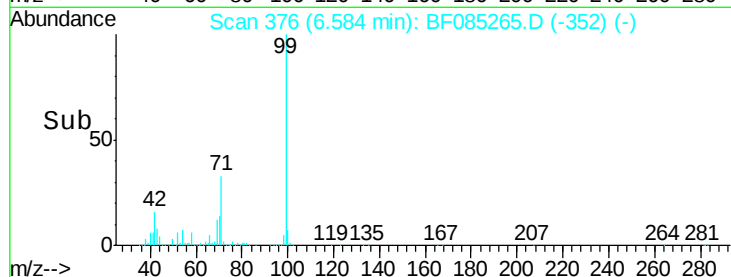
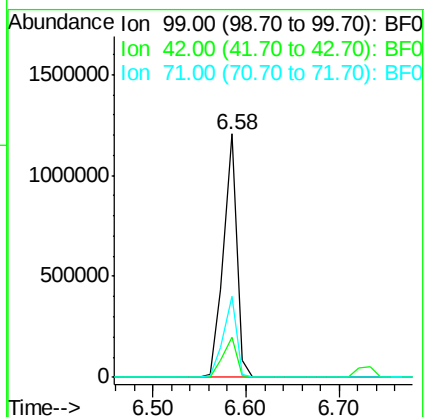
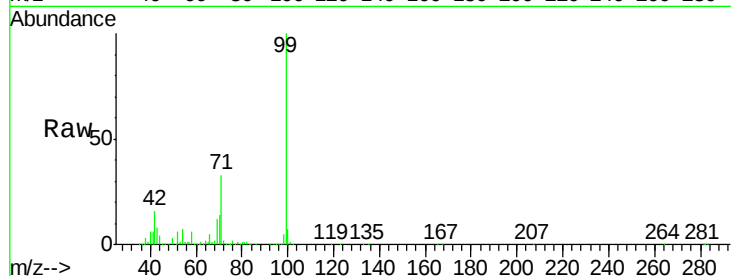
99 100

42 16.2 13.6 20.4

71 33.4 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: BF085265.D

Acq: 8 Mar 2016 19:45

Tgt Ion: 136 Resp: 553125

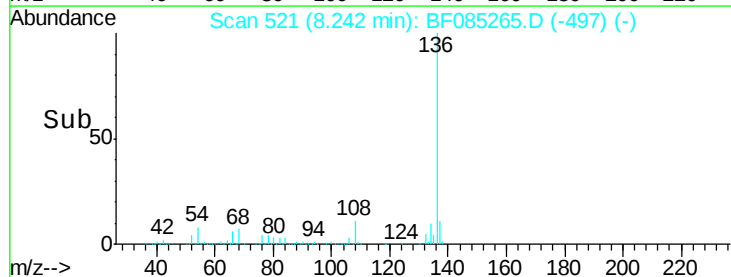
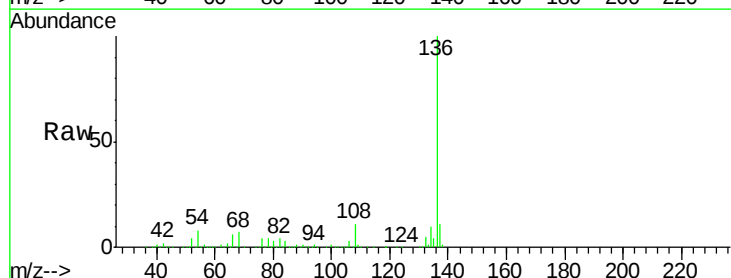
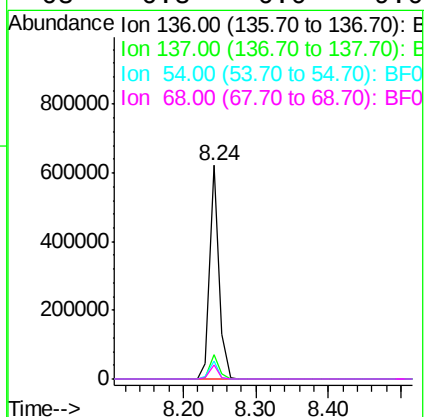
Ion Ratio Lower Upper

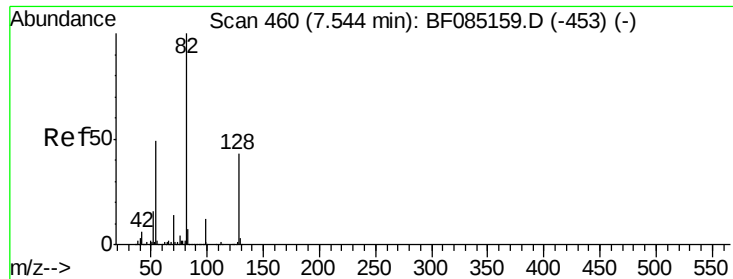
136 100

137 11.3 9.3 13.9

54 8.4 7.4 11.2

68 6.8 6.0 9.0





#23

Nitrobenzene-d5

Concen: 88.44 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

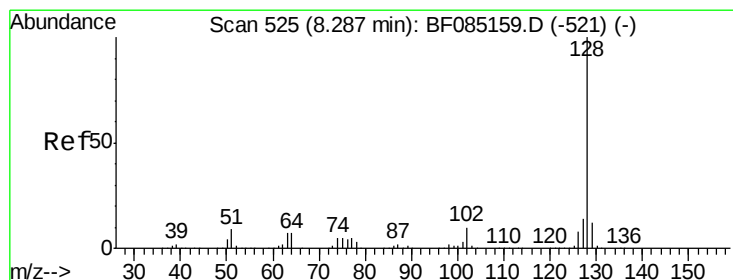
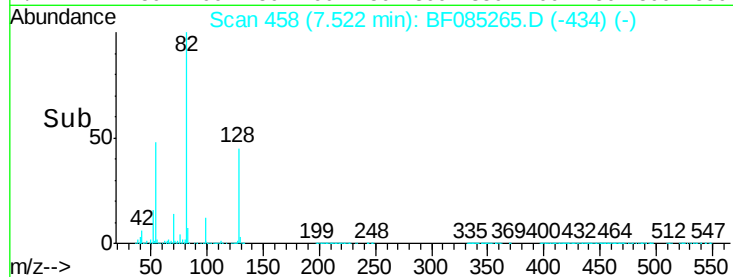
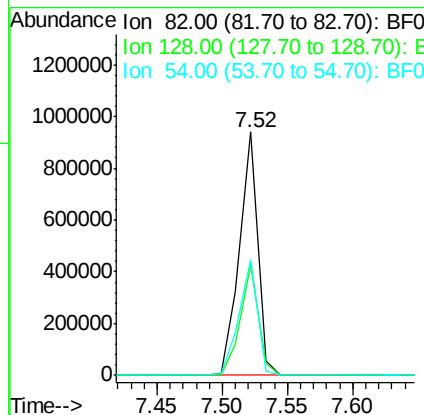
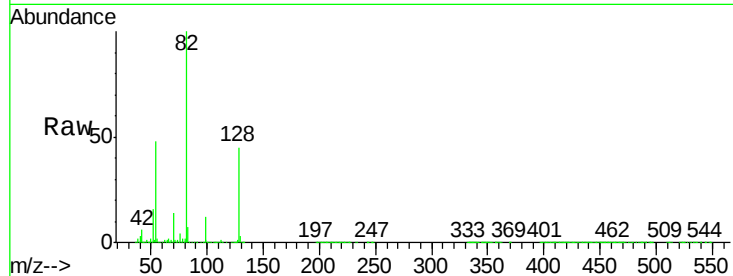
ClientSampleId :

48-BRIDGE-GRID-2

Tgt Ion:	82	Resp:	914203
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.5	51.7
54	47.6	39.3	58.9

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#31

Naphthalene

Concen: 3.76 ng

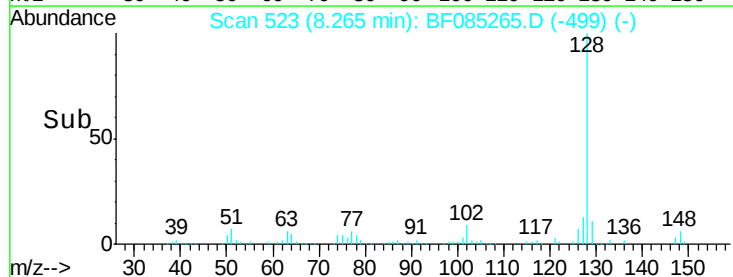
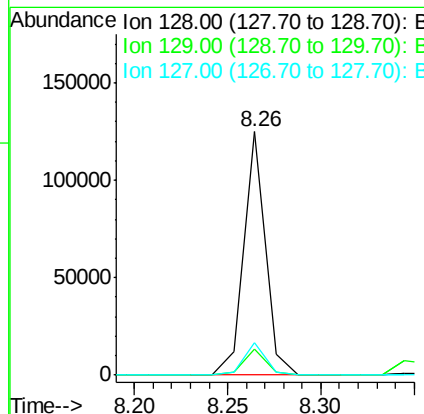
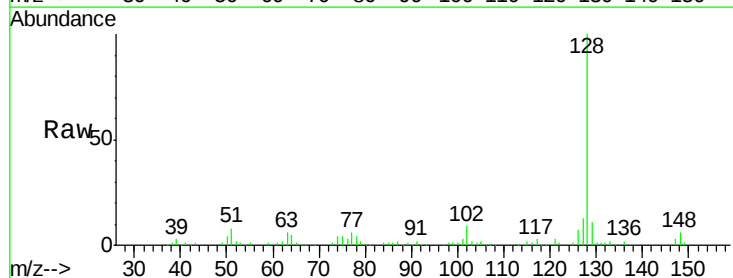
RT: 8.26 min Scan# 523

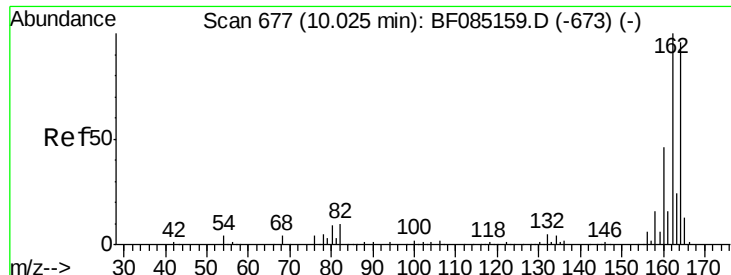
Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Tgt Ion:	128	Resp:	102198
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.7	14.5
127	13.2	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: BF085265.D

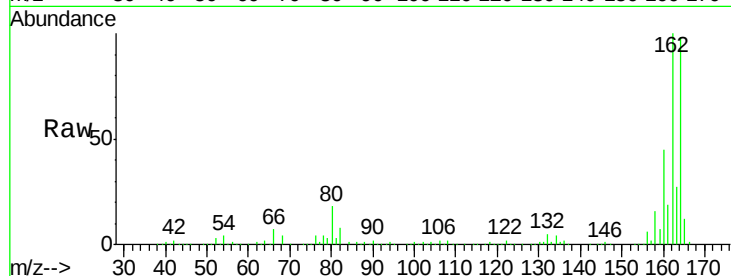
Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

ClientSampleId :

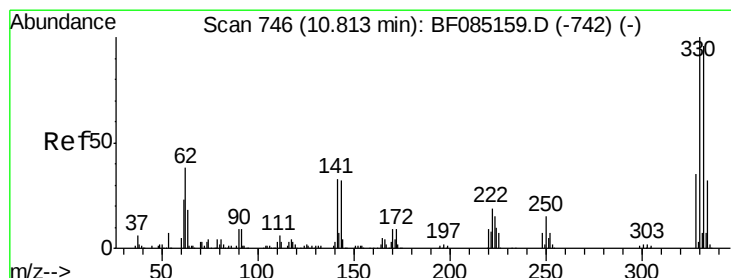
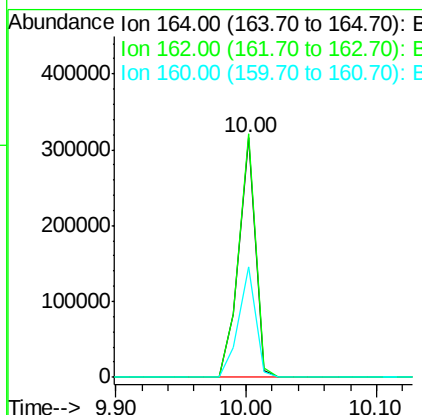
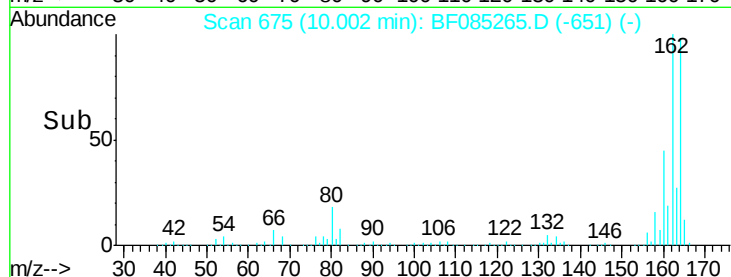
48-BRIDGE-GRID-2



Tgt Ion:	164	Resp:	281418
Ion Ratio	Lower	Upper	
164	100		
162	101.8	83.3	124.9
160	46.3	37.9	56.9

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#41

2,4,6-Tribromophenol

Concen: 147.71 ng

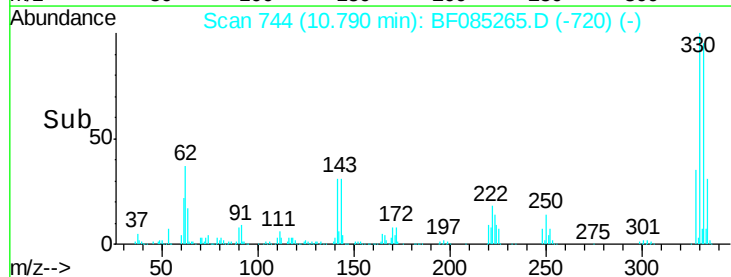
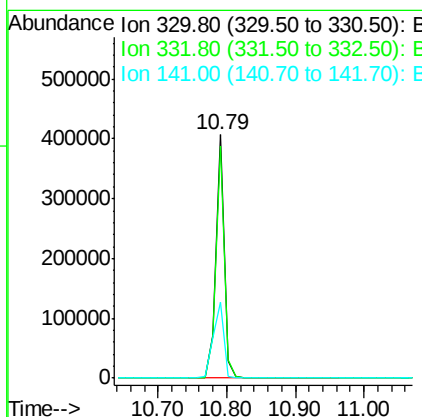
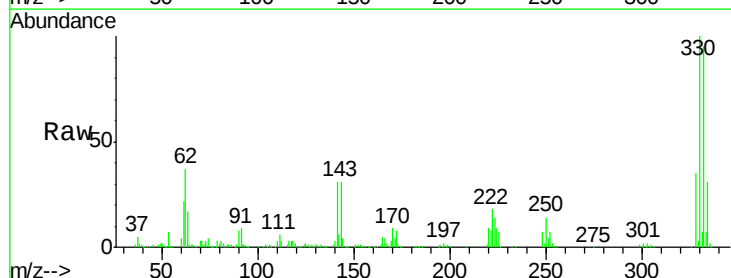
RT: 10.79 min Scan# 744

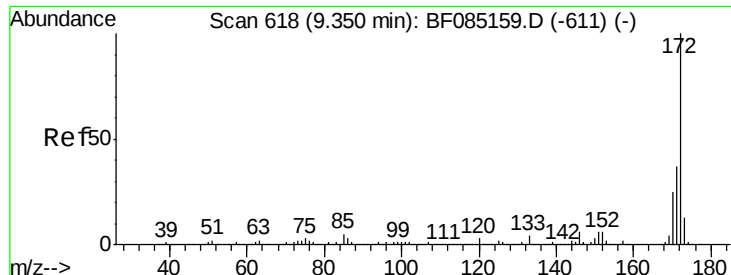
Delta R.T. -0.02 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

Tgt Ion:	330	Resp:	355681
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.1	115.7
141	39.4	35.0	52.6





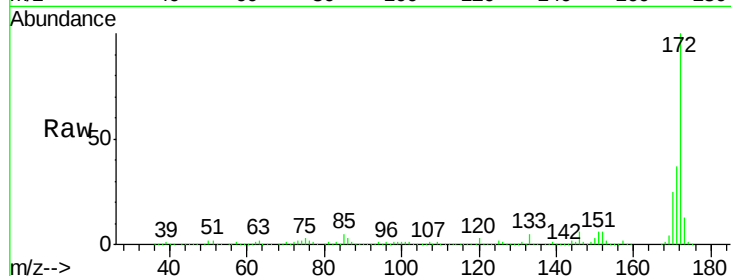
#44
 2-Fluorobiphenyl
 Concen: 93.15 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-2

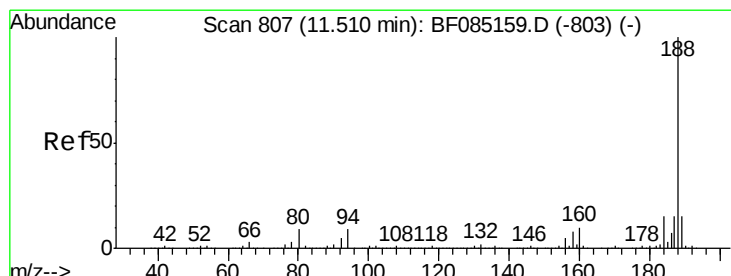
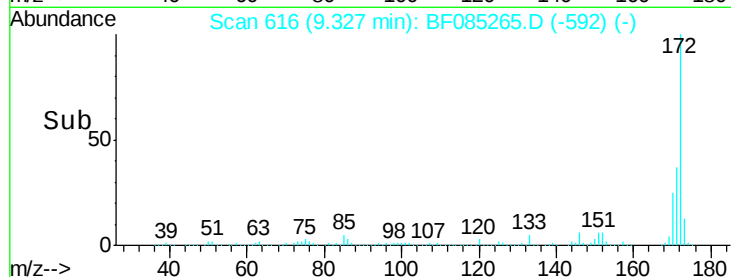
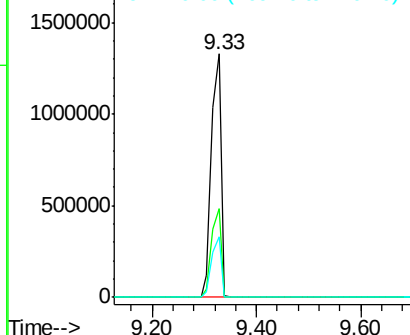
Tgt Ion:172 Resp: 1723668
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.6 20.0 30.0

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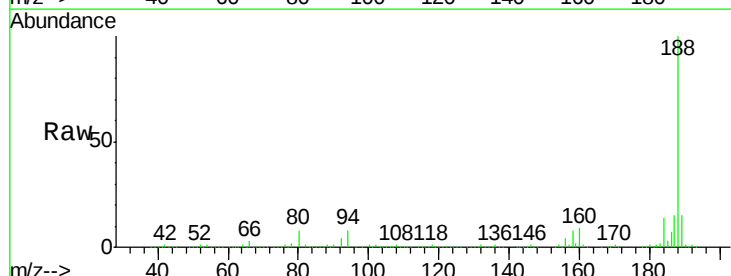


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

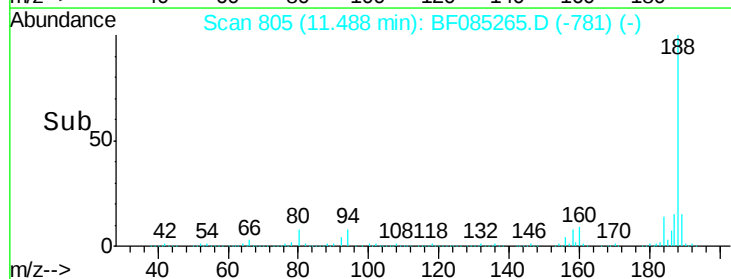
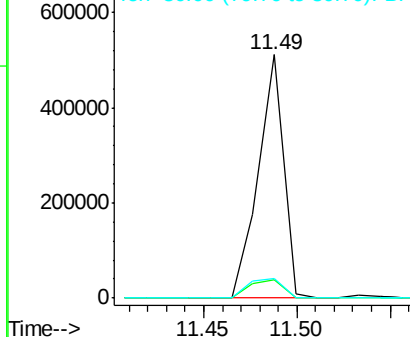


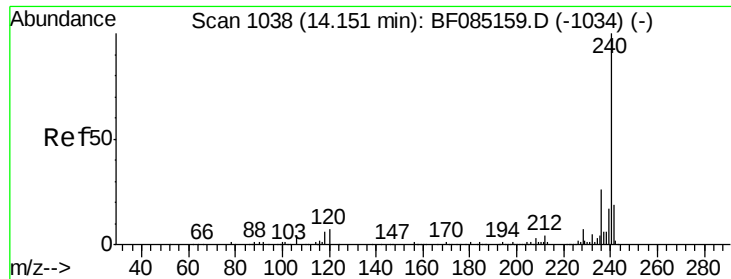
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF085265.D
 Acq: 8 Mar 2016 19:45

Tgt Ion:188 Resp: 481616
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.6
 80 7.8 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: BF085265.D

Acq: 8 Mar 2016 19:45

Instrument :

BNA_F

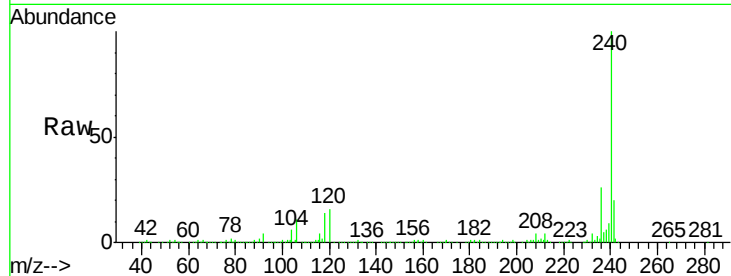
ClientSampleId :

48-BRIDGE-GRID-2

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.3	7.9#
236	26.2	20.7	31.1

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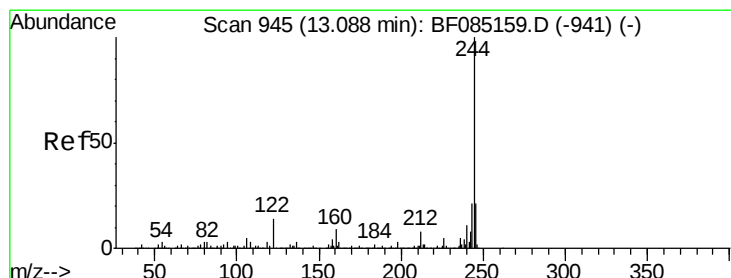
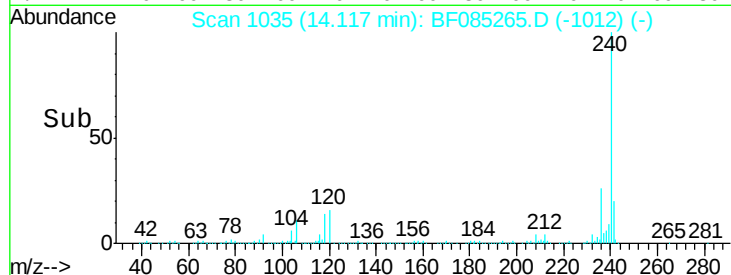
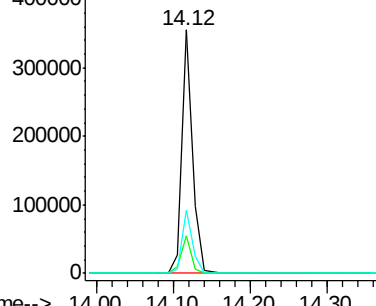
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 110.32 ng

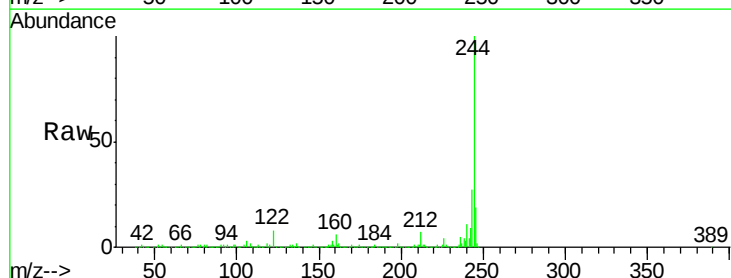
RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085265.D

Acq: 8 Mar 2016 19:45

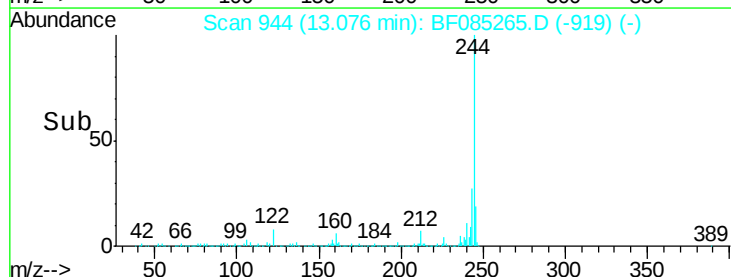
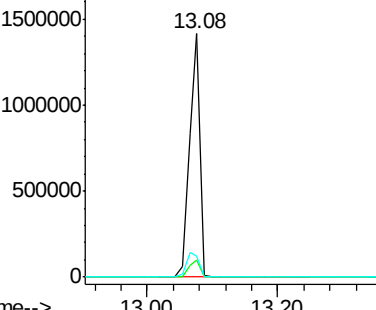
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	8.5	11.4	17.2#

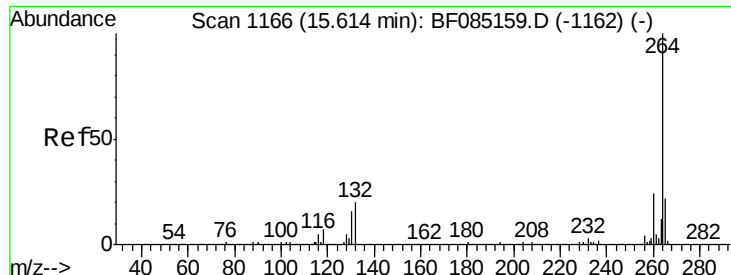


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





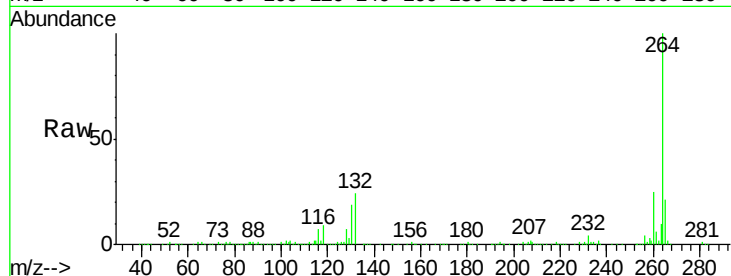
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085265.D
Acq: 8 Mar 2016 19:45

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-2

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		269207		
260	24.6	19.2	28.8		
265	21.4	17.3	25.9		

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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

