

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085242.D
 Acq On : 5 Mar 2016 9:34
 Operator : SJ/IZ
 Sample : H1686-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)

Manual Integrations
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 3/7/2016 9:35:34 AM

Quant Time: Mar 07 13:30:11 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	144308	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	492231	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	191743	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	275835	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	224256	20.00	ng	0.00
86) Perylene-d12	15.61	264	216720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1149775	133.65	ng	0.00
7) Phenol-d6	6.60	99	1249168	110.83	ng	-0.01
23) Nitrobenzene-d5	7.53	82	810824	88.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	216672	132.06	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1362311	108.05	ng	-0.01
78) Terphenyl-d14	13.10	244	931654	96.44	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.97	142	126697	8.16	ng	99
49) Dimethylphthalate	9.73	163	87693	5.96	ng	# 77

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

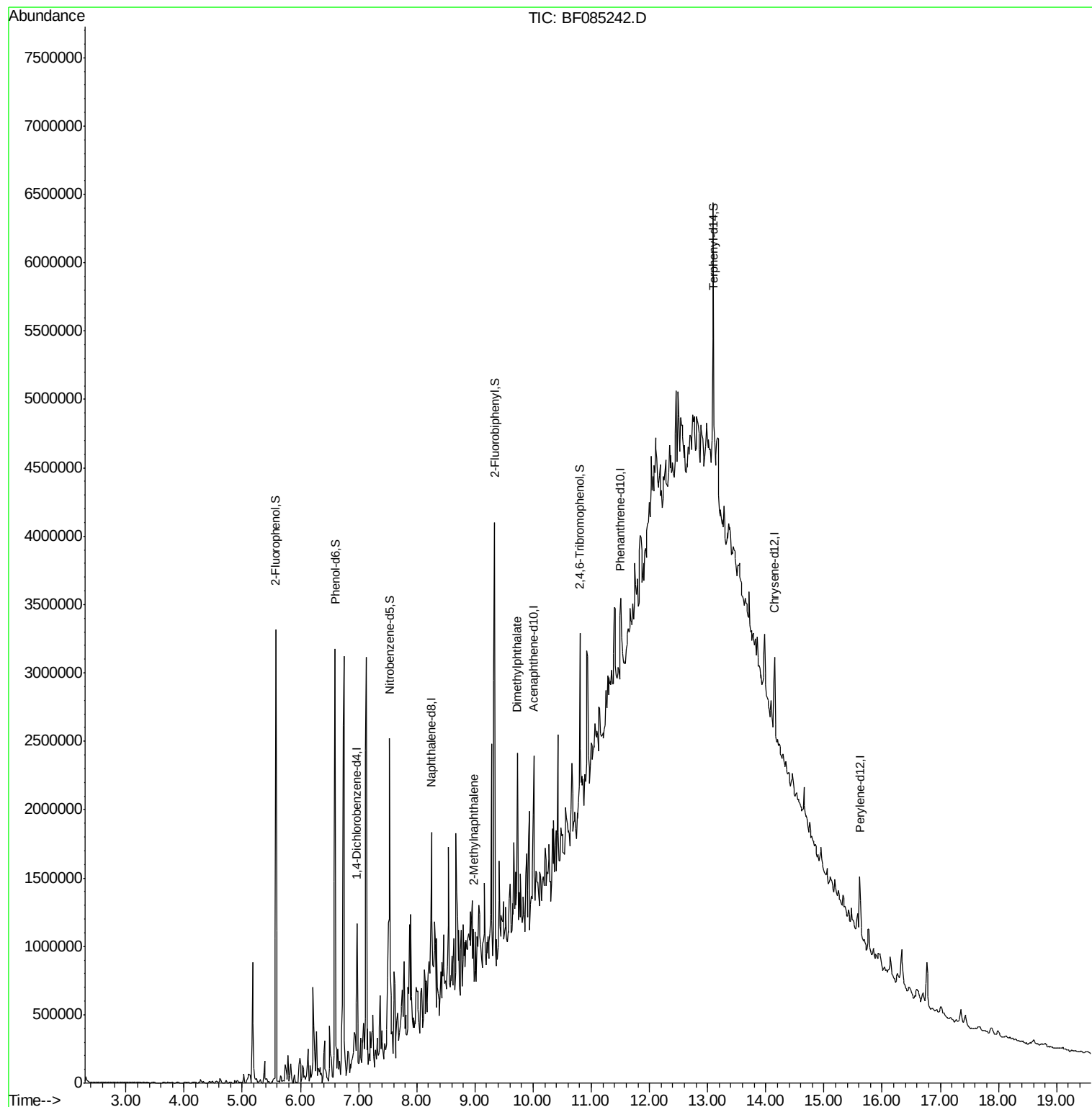
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085242.D
Acq On : 5 Mar 2016 9:34
Operator : SJ/IZ
Sample : H1686-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

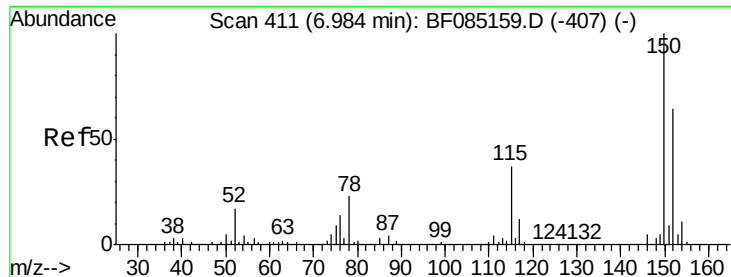
Instrument :
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SB-43(10-12)

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Quant Time: Mar 07 13:30:11 2016
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#1

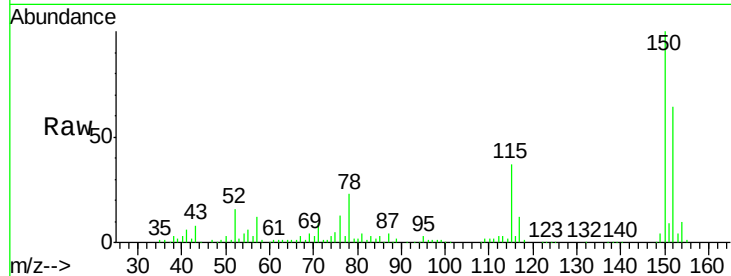
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

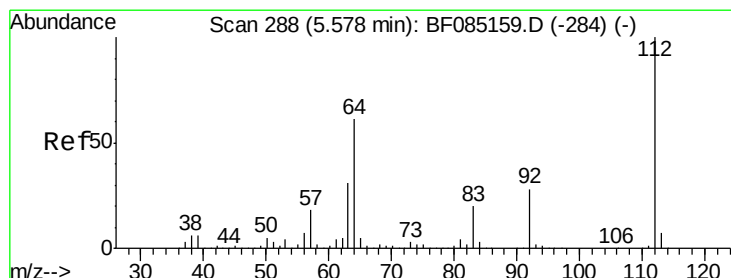
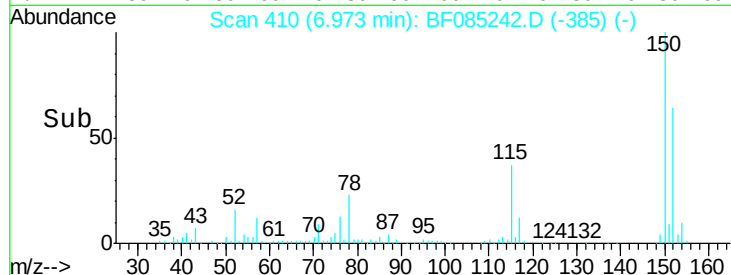
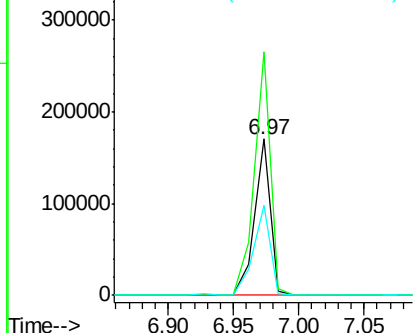
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	57.6	46.6	70.0

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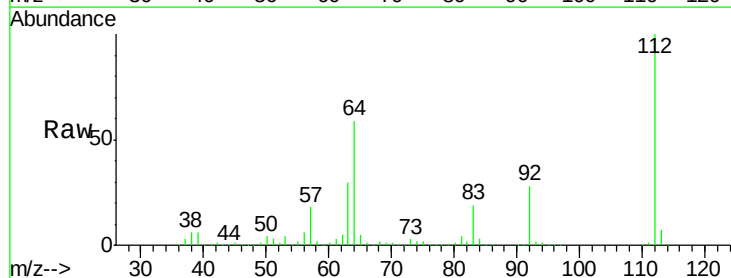
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



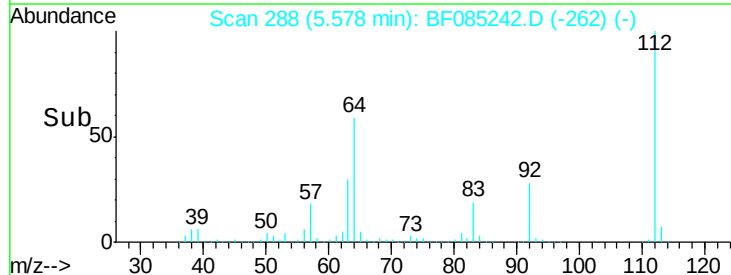
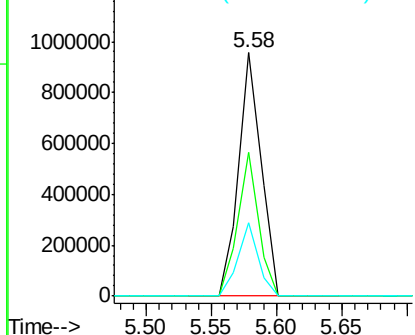
#5

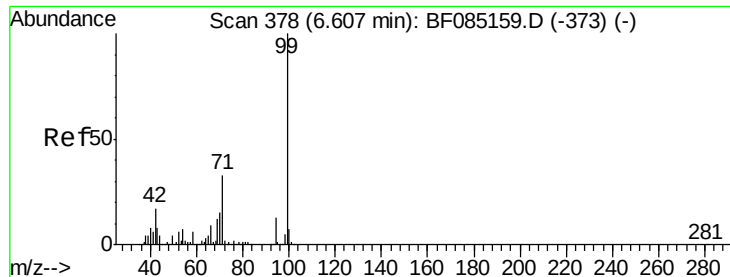
2-Fluorophenol
Concen: 133.65 ng
RT: 5.58 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.0	73.4
63	29.9	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: 110.83 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085242.D

Acq: 5 Mar 2016 9:34

Instrument :

BNA_F

ClientSampleId :

SB-43(10-12)

Tot Ion: 99 Resp: 1249168

Ion Ratio Lower Upper

99 100

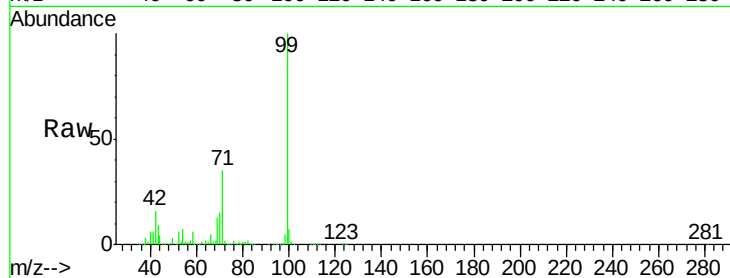
42 16.3 13.6 20.4

71 34.5 26.7 40.1

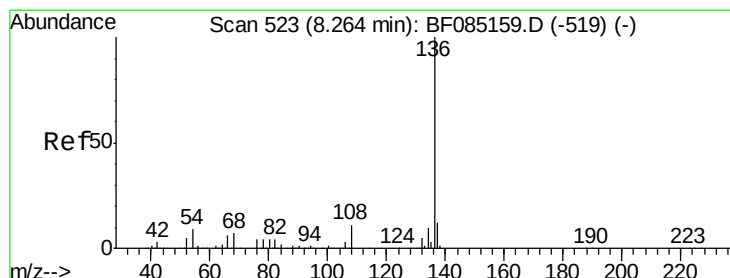
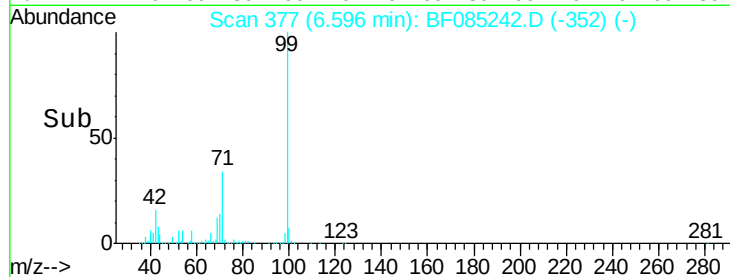
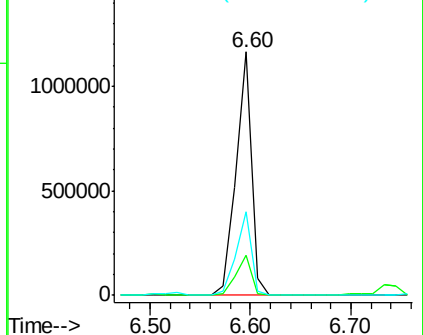
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085242.D

Acq: 5 Mar 2016 9:34

Tgt Ion: 136 Resp: 492231

Ion Ratio Lower Upper

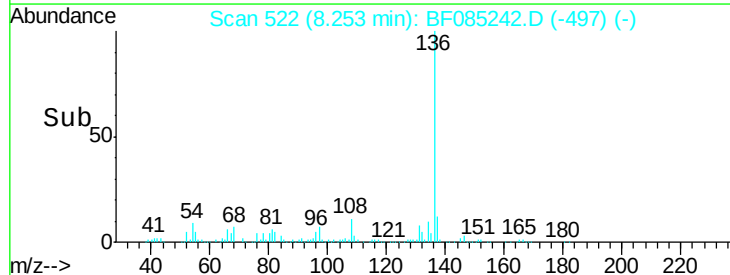
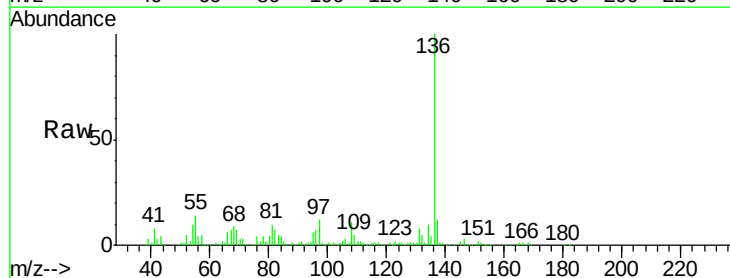
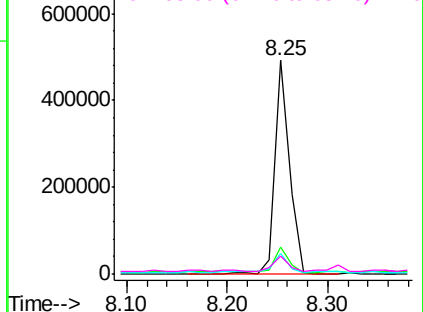
136 100

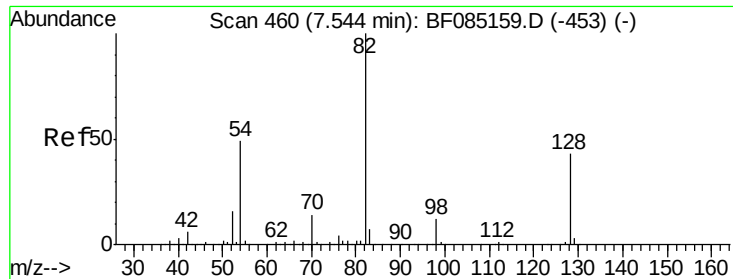
137 12.4 9.3 13.9

54 9.6 7.4 11.2

68 8.7 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





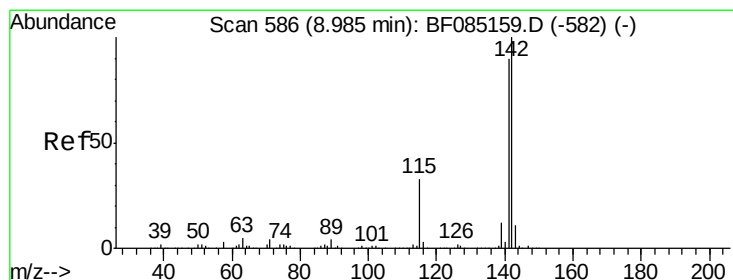
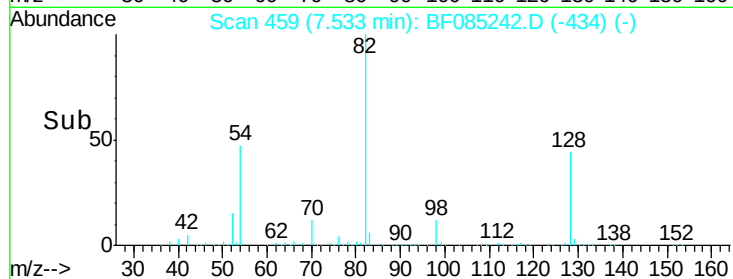
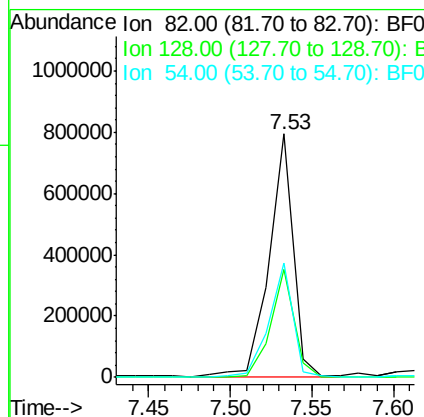
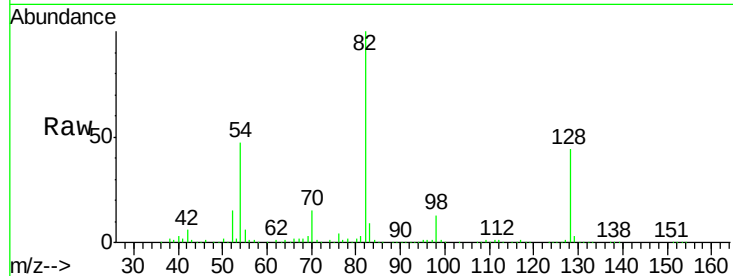
#23
 Nitrobenzene-d5
 Concen: 88.15 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085242.D
 Acq: 5 Mar 2016 9:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.5	51.7
54	47.1	39.3	58.9

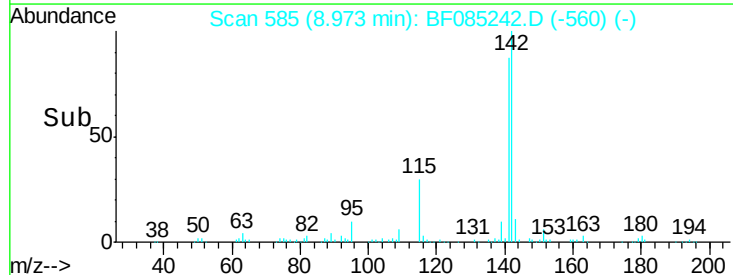
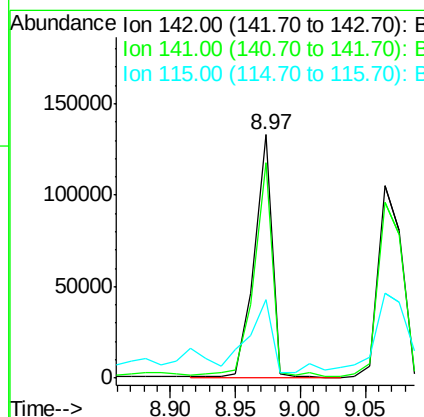
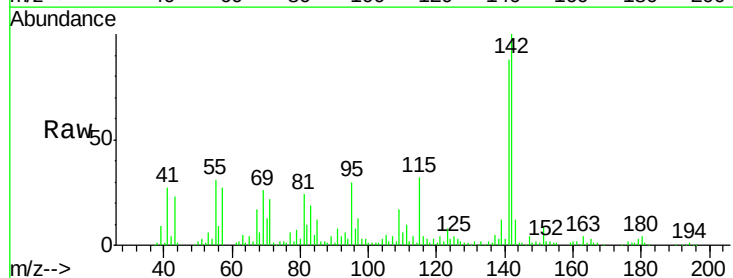
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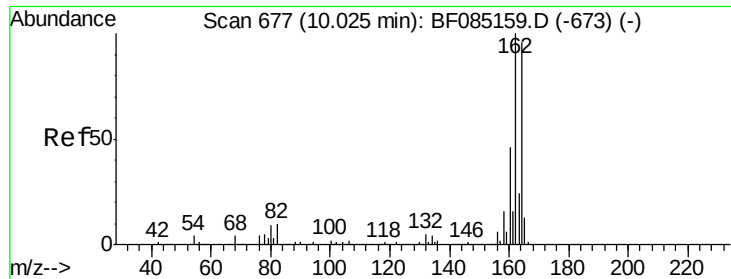
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#37
 2-Methylnaphthalene
 Concen: 8.16 ng
 RT: 8.97 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF085242.D
 Acq: 5 Mar 2016 9:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	32.1	26.2	39.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF085242.D

Acq: 5 Mar 2016 9:34

Instrument :

BNA_F

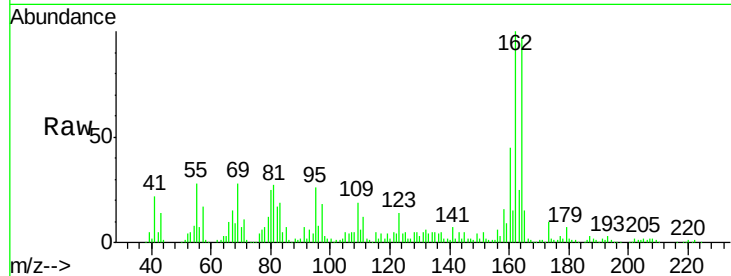
ClientSampleId :

SB-43(10-12)

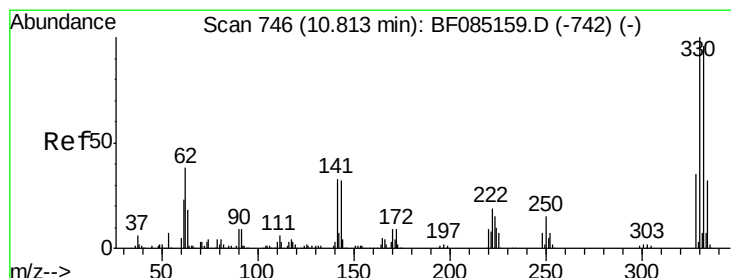
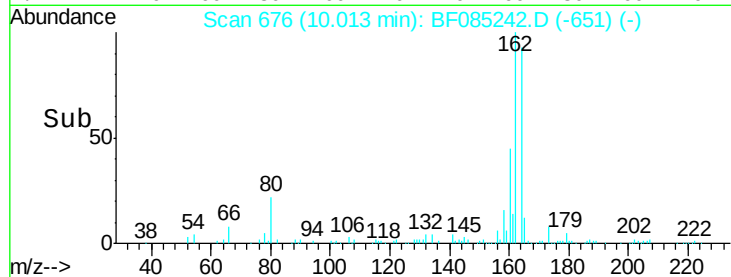
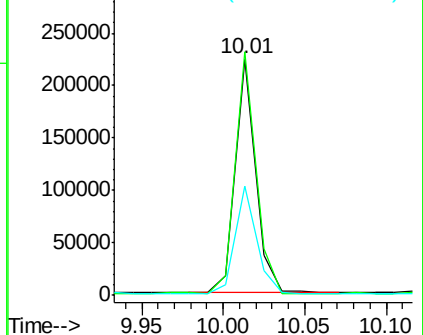
Tot Ion:	164	Resp:	191743
Ion Ratio	Lower	Upper	
164	100		
162	103.0	83.3	124.9
160	46.2	37.9	56.9

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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: 132.06 ng

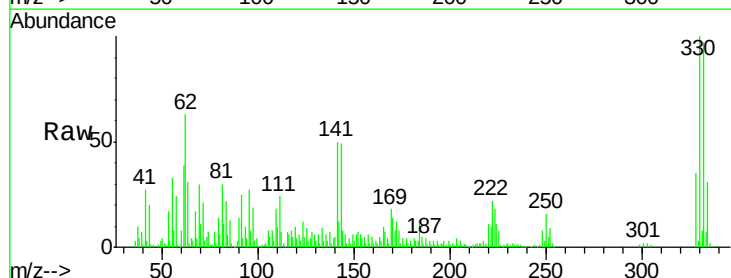
RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

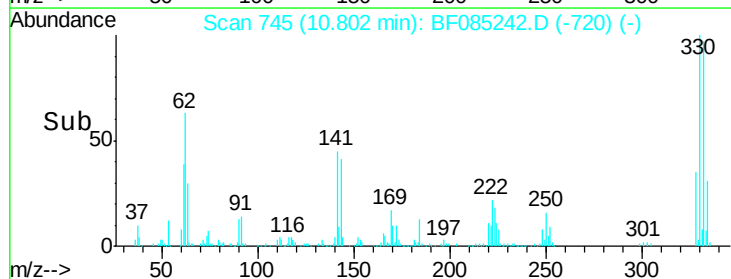
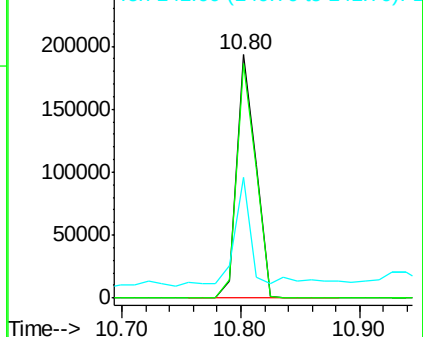
Lab File: BF085242.D

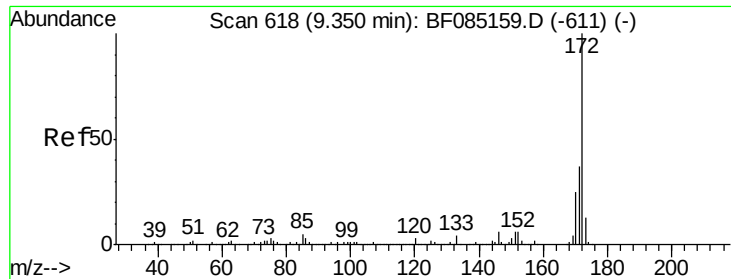
Acq: 5 Mar 2016 9:34

Tgt Ion:	330	Resp:	216672
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.1	115.7
141	38.1	35.0	52.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 108.05 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF085242.D

Acq: 5 Mar 2016 9:34

Instrument :

BNA_F

ClientSampleId :

SB-43(10-12)

Tot Ion:172 Resp: 1362311

Ion Ratio Lower Upper

172 100

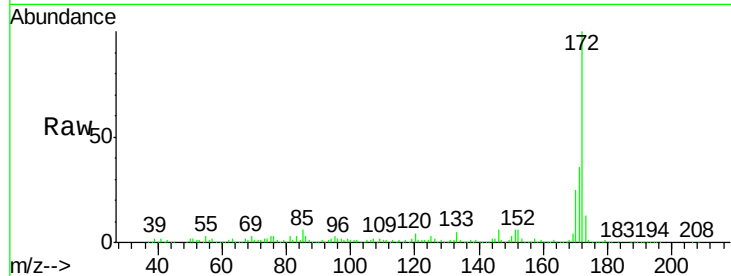
171 36.5 29.3 43.9

170 24.9 20.0 30.0

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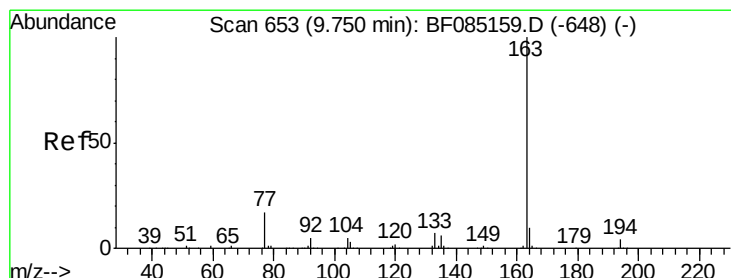
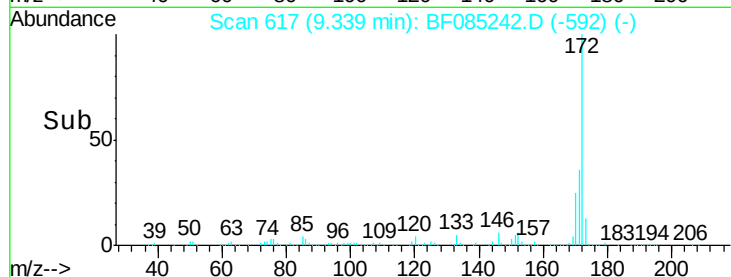
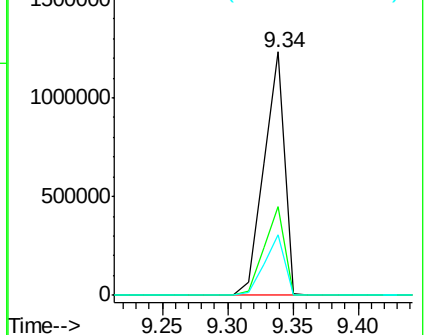
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 5.96 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085242.D

Acq: 5 Mar 2016 9:34

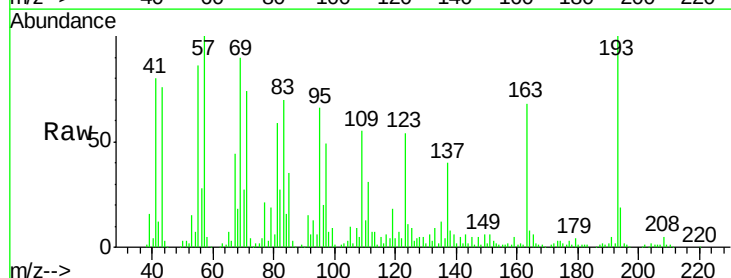
Tgt Ion:163 Resp: 87693

Ion Ratio Lower Upper

163 100

194 27.8 3.1 4.7#

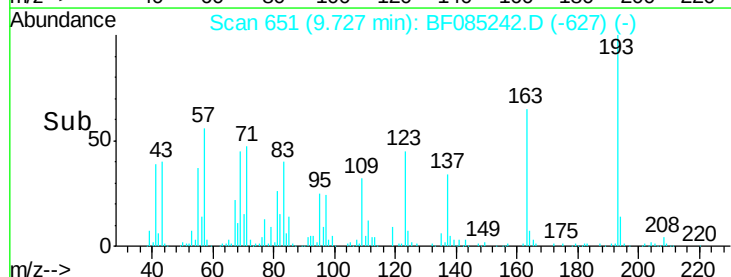
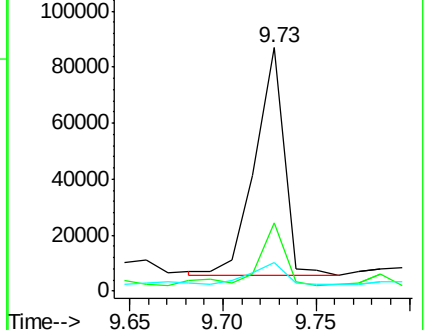
164 11.7 8.2 12.4

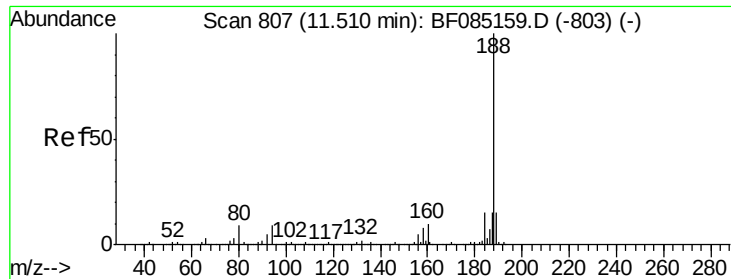


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





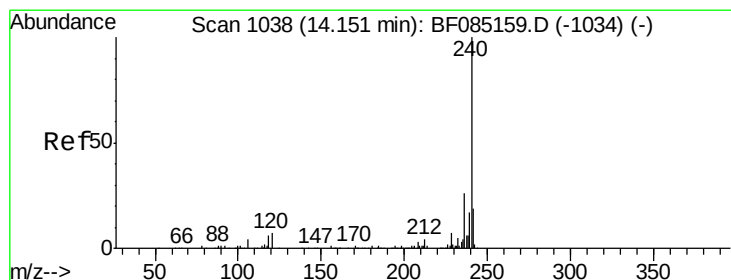
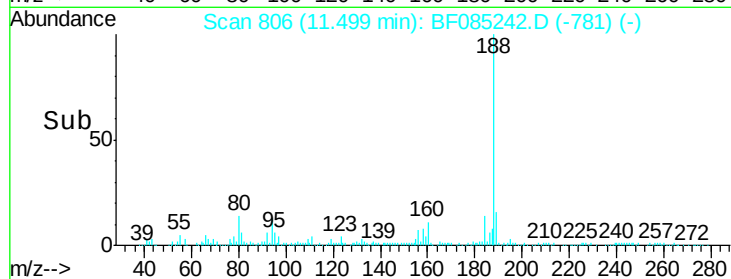
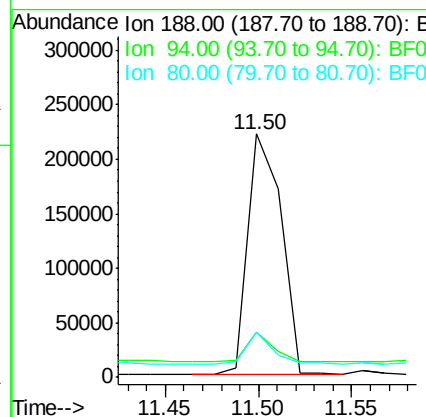
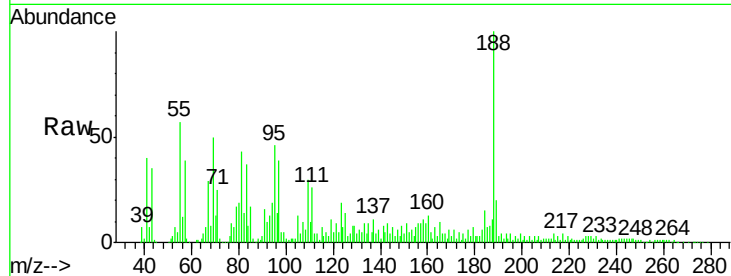
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Instrument :
BNA_F
ClientSampleId :
SB-43(10-12)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	18.7	7.0	10.6#
80	18.6	7.4	11.0#

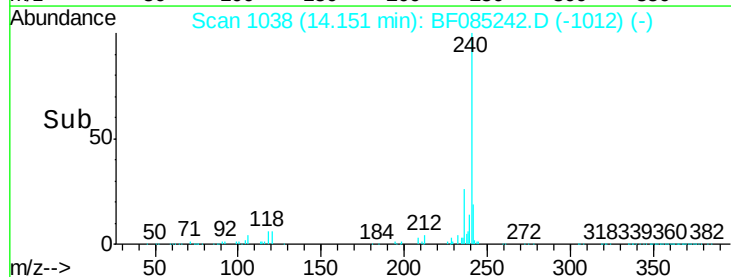
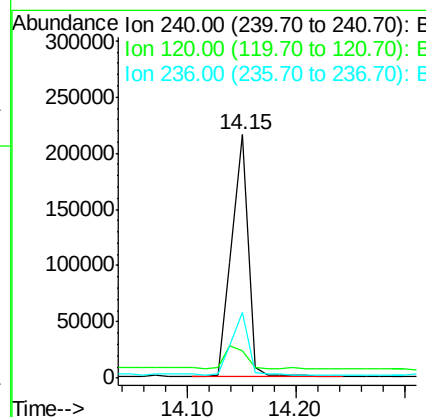
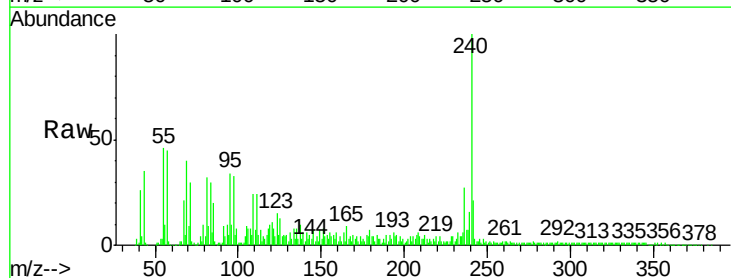
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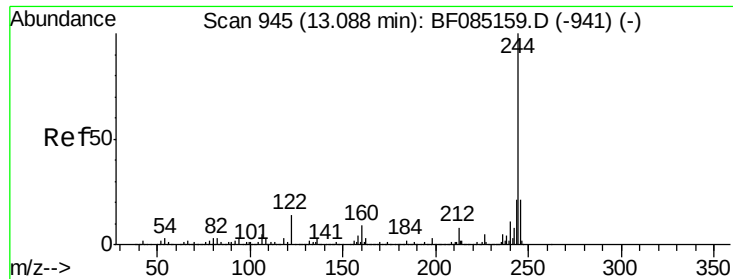
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF085242.D
Acq: 5 Mar 2016 9:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	5.3	7.9#
236	27.2	20.7	31.1





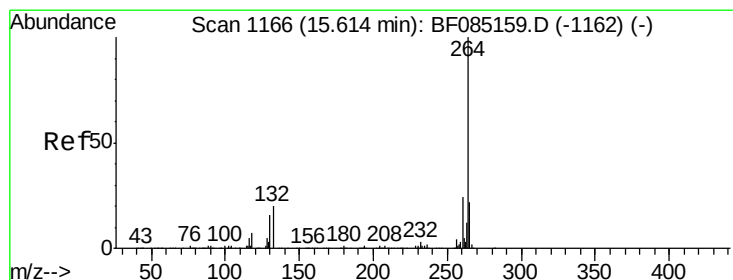
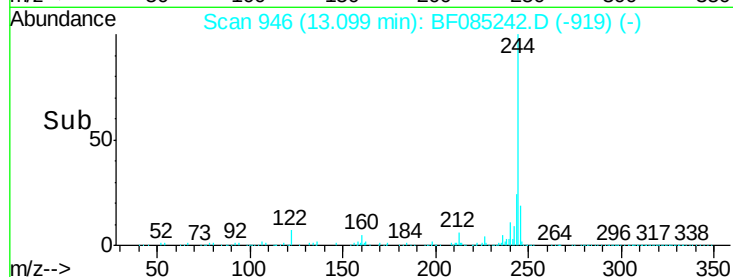
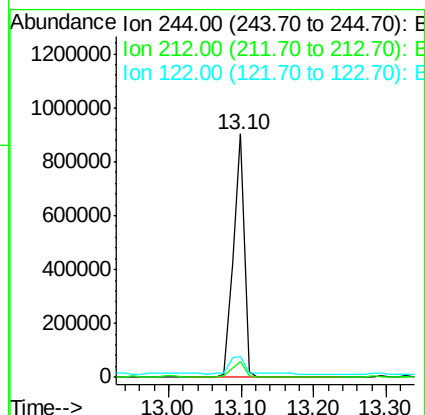
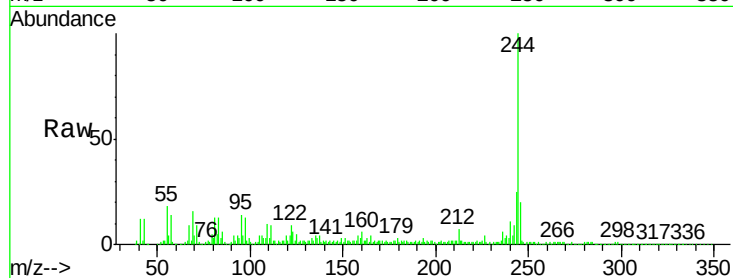
#78
 Terphenyl-d14
 Concen: 96.44 ng
 RT: 13.10 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: BF085242.D
 Acq: 5 Mar 2016 9:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-43(10-12)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.4	9.6
122	8.7	11.4	17.2

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF085242.D
 Acq: 5 Mar 2016 9:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	17.3	25.9

