

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075568.D
 Acq On : 16 Nov 2014 4:00
 Operator : TP / JJ
 Sample : F4695-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

Manual Integrations
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 11/17/2014 7:39:02 PM

Quant Time: Nov 17 03:52:02 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 01:17:49 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	51062	20.00	ng	0.00
21) Naphthalene-d8	9.14	136	201767	20.00	ng	0.01
38) Acenaphthene-d10	11.33	164	98963	20.00	ng	0.01
63) Phenanthrene-d10	13.18	188	170738	20.00	ng	0.02
75) Chrysene-d12	16.47	240	201693	20.00	ng	0.00
86) Perylene-d12	18.23	264	179081	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	317113	109.71	ng	0.02
7) Phenol-d6	7.11	99	385387	110.88	ng	0.01
23) Nitrobenzene-d5	8.25	82	223612	81.25	ng	0.01
41) 2,4,6-Tribromophenol	12.31	330	78397	94.58	ng	0.01
44) 2-Fluorobiphenyl	10.48	172	372181	67.96	ng	0.00
78) Terphenyl-d14	15.17	244	392615	52.41	ng	0.01
Target Compounds						Qvalue
10) Phenol	7.13	94	8775	2.07	ng	93
31) Naphthalene	9.17	128	133445	14.83	ng	96
37) 2-Methylnaphthalene	10.02	142	33568	5.47	ng	# 85
49) Dimethylphthalate	10.99	163	47142	6.97	ng	# 84
51) Acenaphthene	11.36	154	27265	5.25	ng	# 85
57) Fluorene	12.01	166	31108	5.18	ng	# 55
74) Fluoranthene	14.69	202	33002	3.43	ng	91
77) Pyrene	14.97	202	36138	3.08	ng	96

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

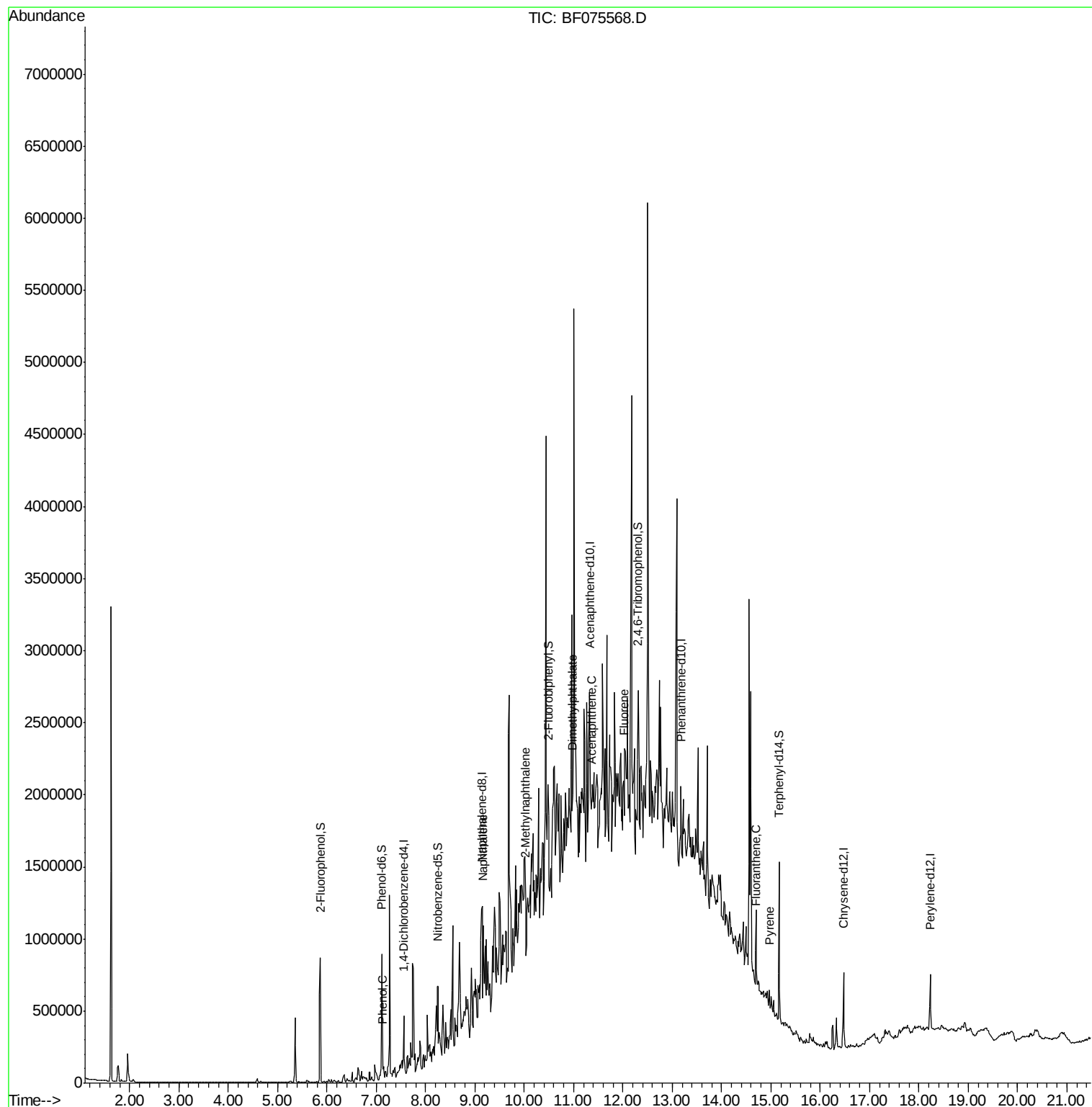
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075568.D
Acq On : 16 Nov 2014 4:00
Operator : TP / JJ
Sample : F4695-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

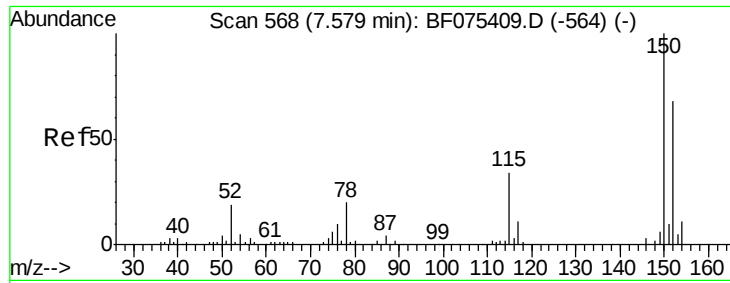
Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

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Quant Time: Nov 17 03:52:02 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 01:17:49 2014
Response via : Initial Calibration





#1

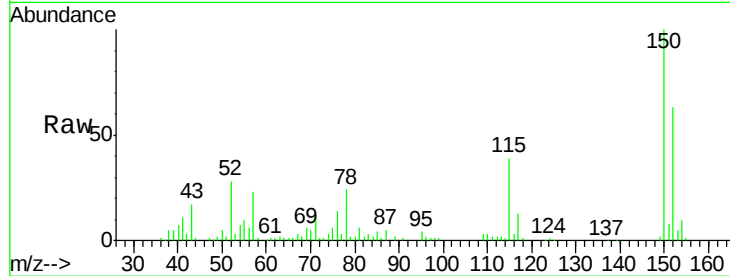
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.2	190.8
115	62.5	57.1	85.7

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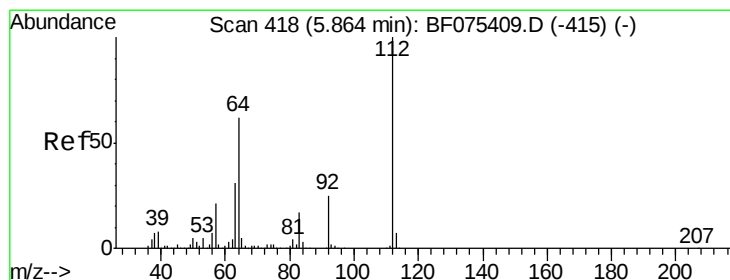
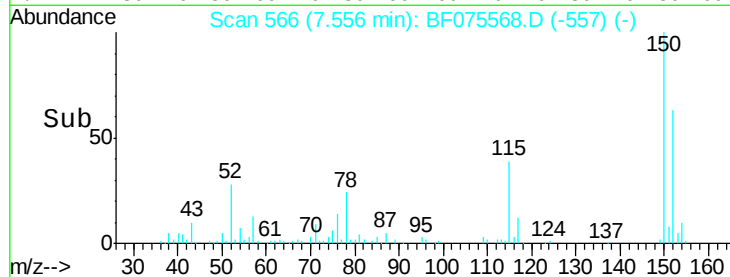
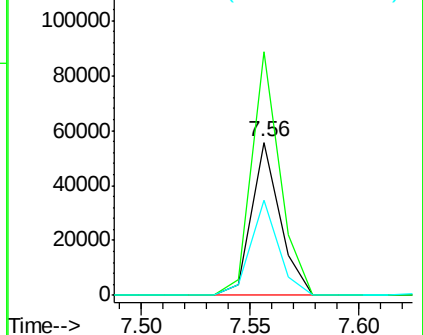


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

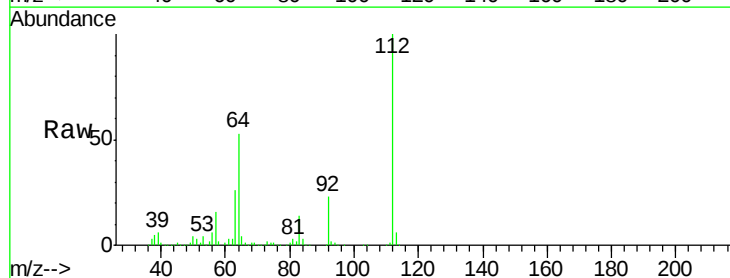
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 109.71 ng
 RT: 5.86 min Scan# 418
 Delta R.T. 0.02 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	45.8	68.6
63	26.2	22.7	34.1

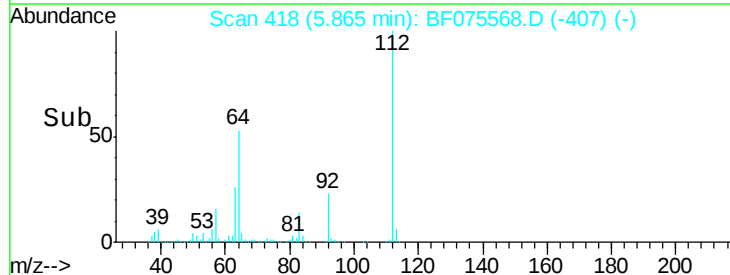
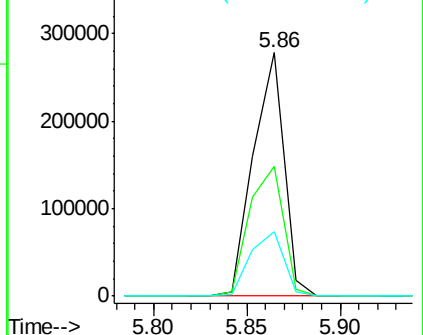


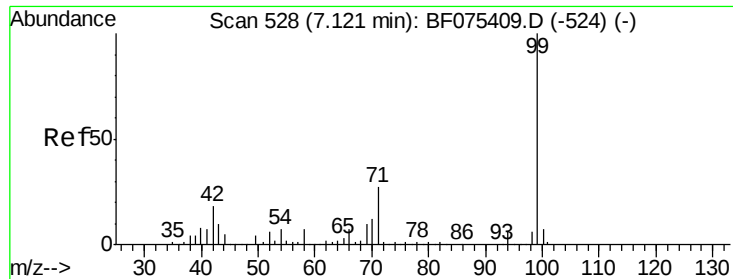
Abundance

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: 110.88 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

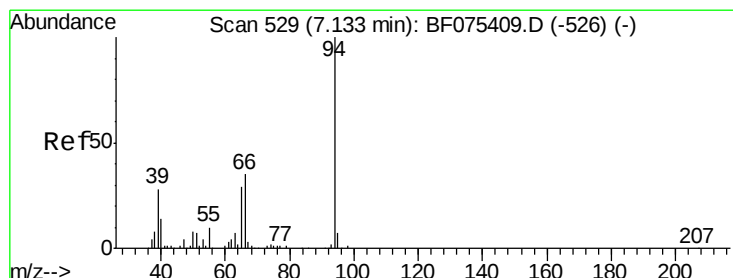
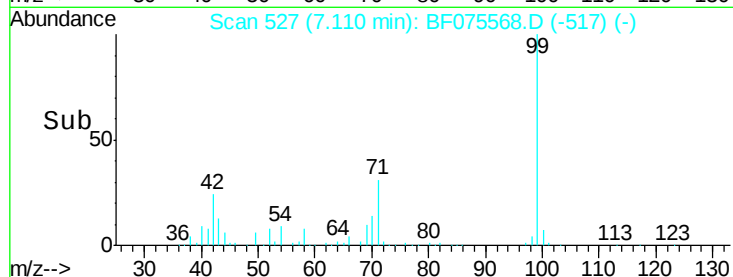
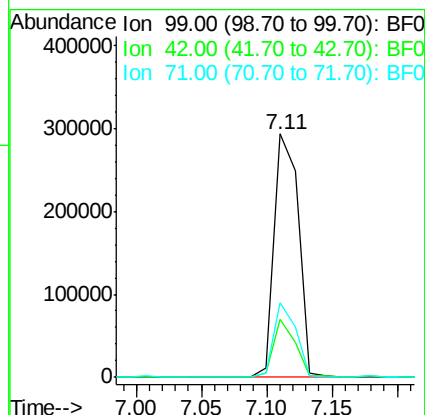
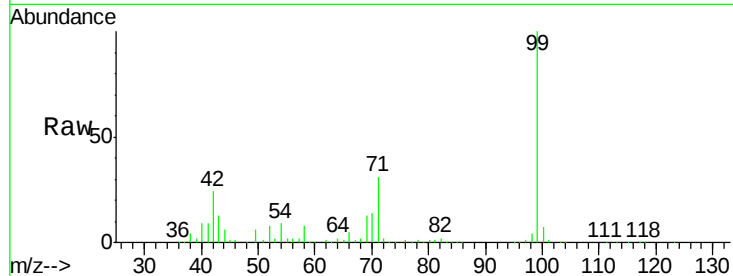
ClientSampleId :

SB-74(7-9)

Tgt Ion:	99	Resp:	385387
Ion Ratio	Lower	Upper	
99	100		
42	23.9	19.8	29.6
71	30.8	25.5	38.3

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#10

Phenol

Concen: 2.07 ng

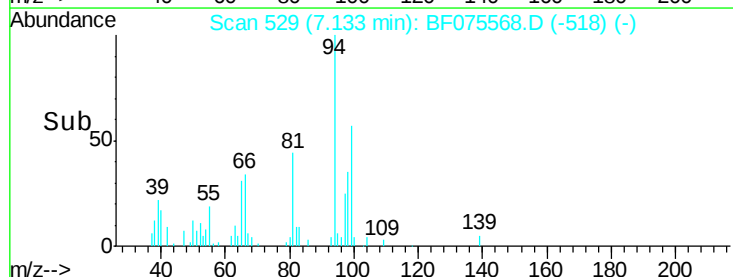
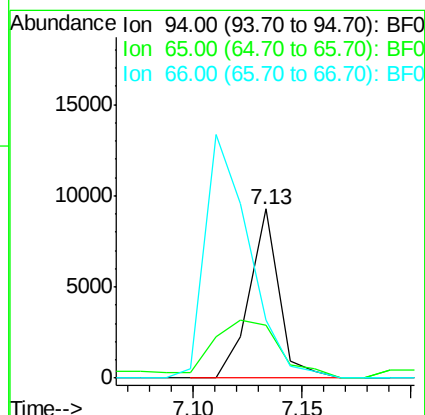
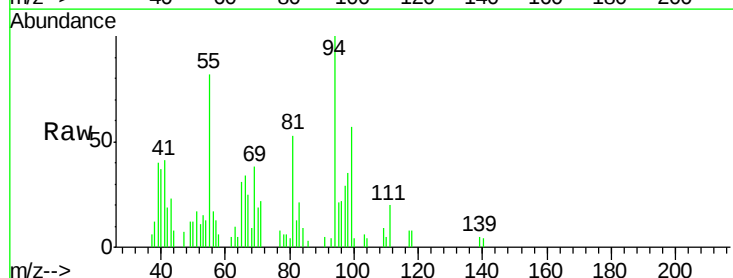
RT: 7.13 min Scan# 529

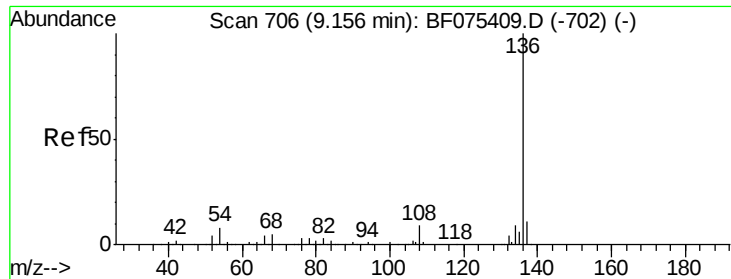
Delta R.T. 0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Tgt Ion:	94	Resp:	8775
Ion Ratio	Lower	Upper	
94	100		
65	31.2	13.1	53.1
66	34.5	20.8	60.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

Tgt Ion: 136 Resp: 201767
Ion Ratio Lower Upper

136 100

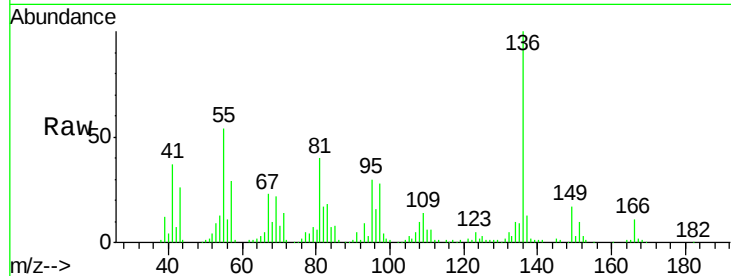
137 12.7 8.2 12.4#

54 12.8 6.2 9.4#

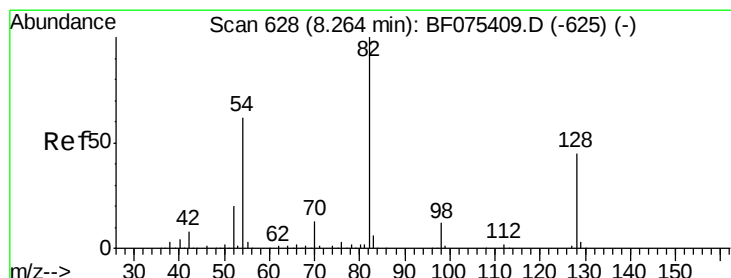
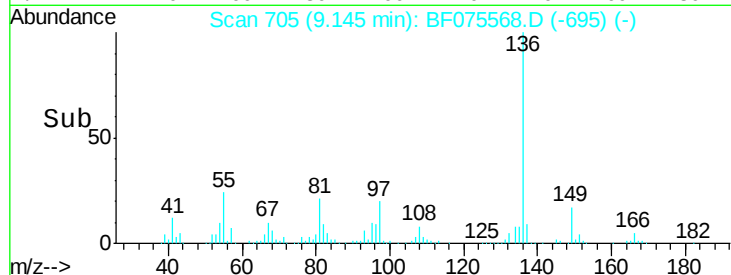
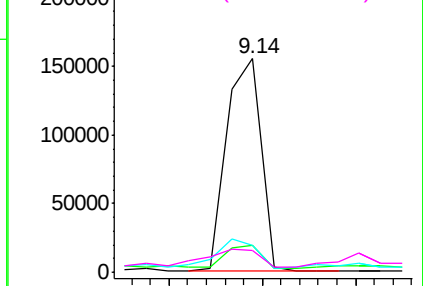
68 10.1 3.4 5.2#

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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: 81.25 ng

RT: 8.25 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF075568.D

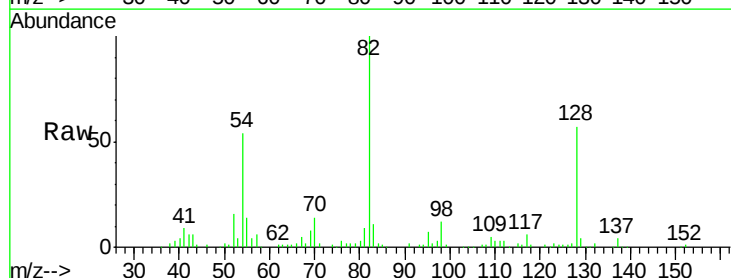
Acq: 16 Nov 2014 4:00

Tgt Ion: 82 Resp: 223612
Ion Ratio Lower Upper

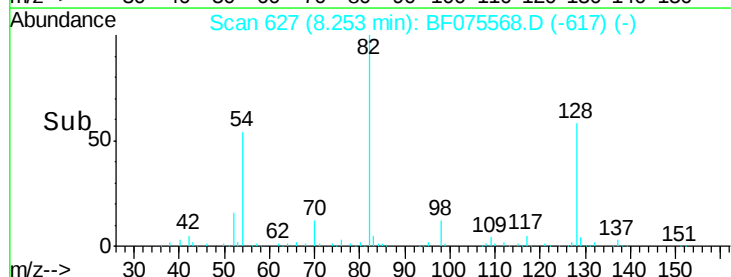
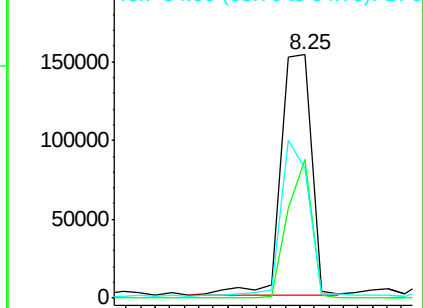
82 100

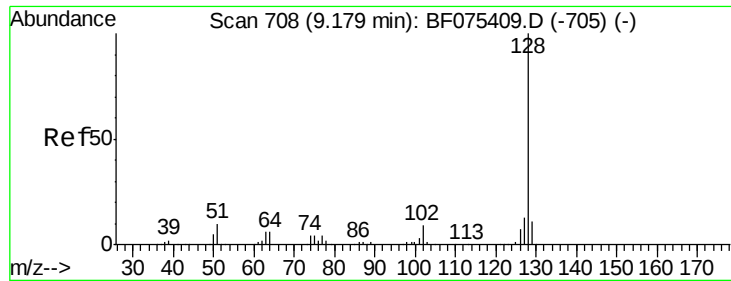
128 56.7 37.8 56.6#

54 53.5 49.8 74.8



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





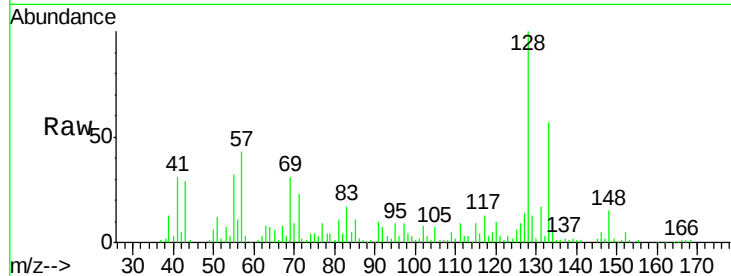
#31
Naphthalene
Concen: 14.83 ng
RT: 9.17 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

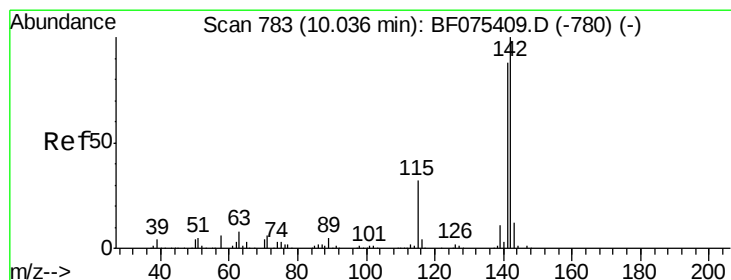
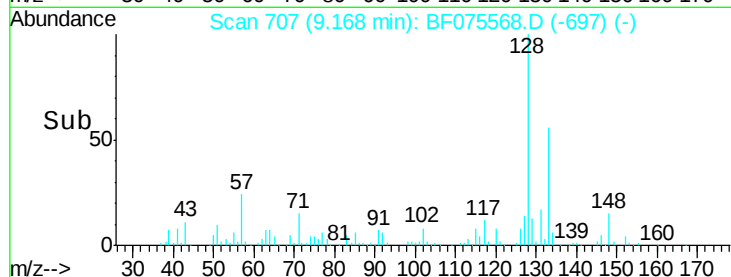
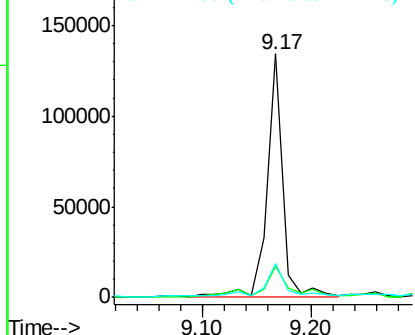
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	133445		
129	12.9	9.0	13.4	
127	14.0	10.2	15.4	

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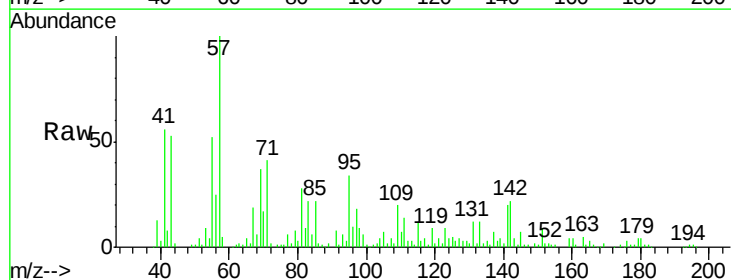


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

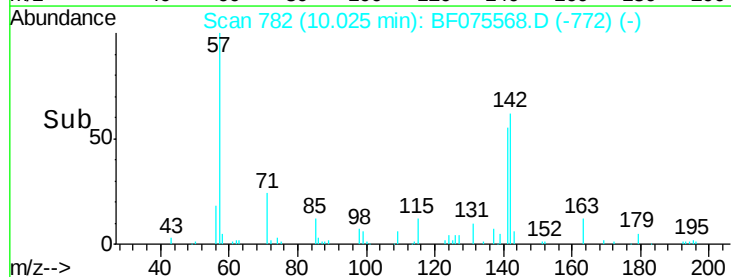
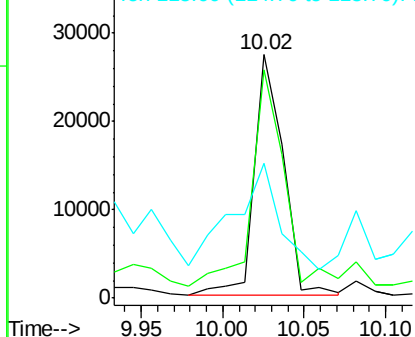


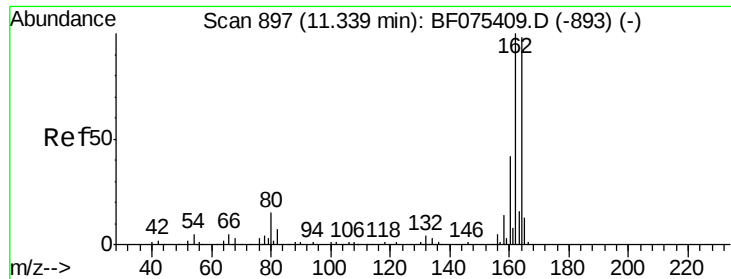
#37
2-Methylnaphthalene
Concen: 5.47 ng
RT: 10.02 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	33568		
141	93.7	69.9	104.9	
115	55.5	27.6	41.4#	



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





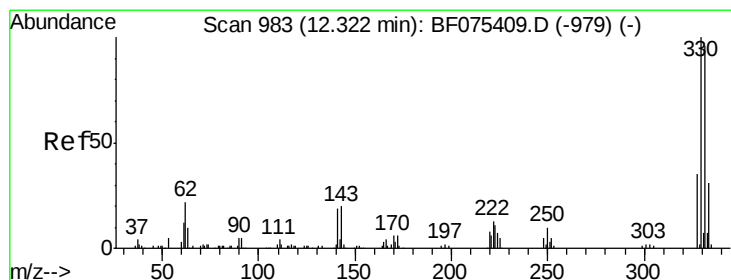
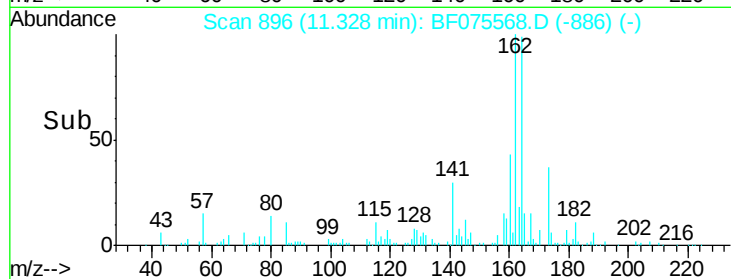
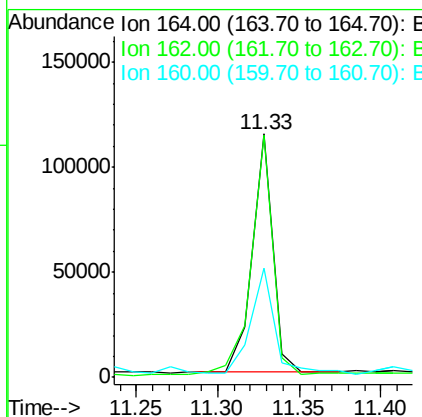
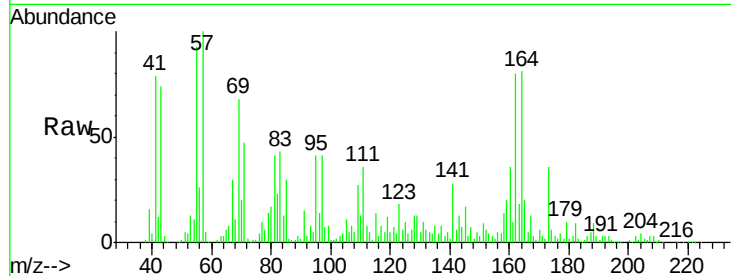
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.6	79.1	118.7	
160	44.8	34.6	51.8	

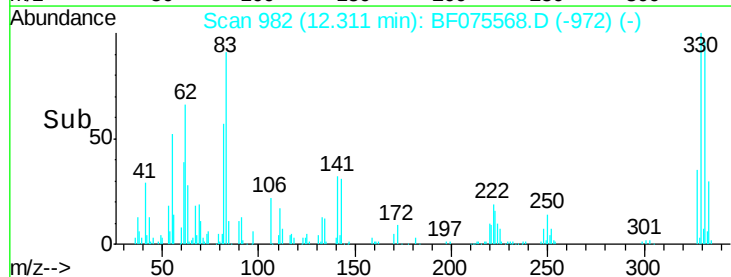
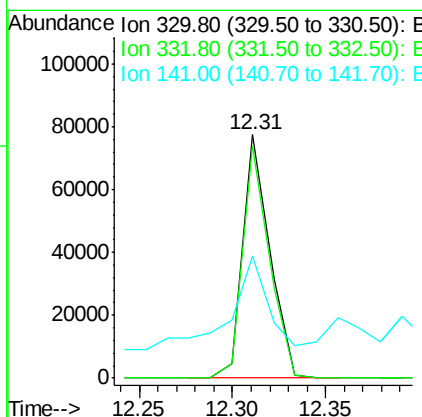
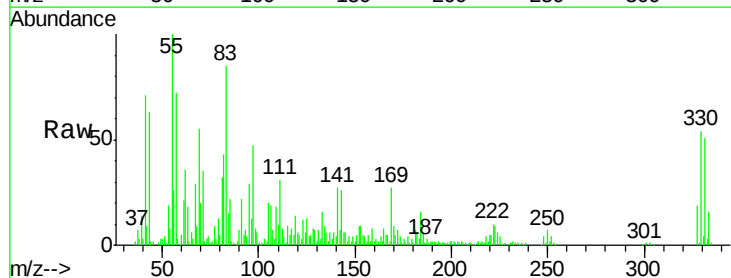
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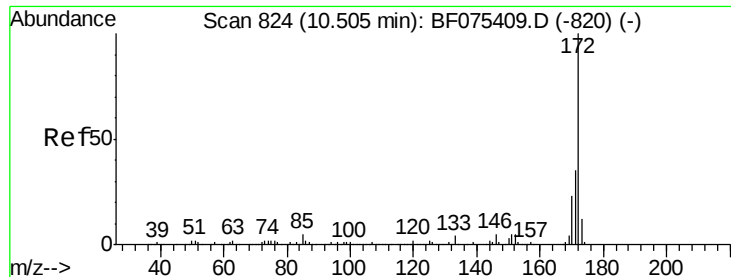
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#41
2,4,6-Tribromophenol
Concen: 94.58 ng
RT: 12.31 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	74.5	111.7	
141	52.9	30.7	46.1#	





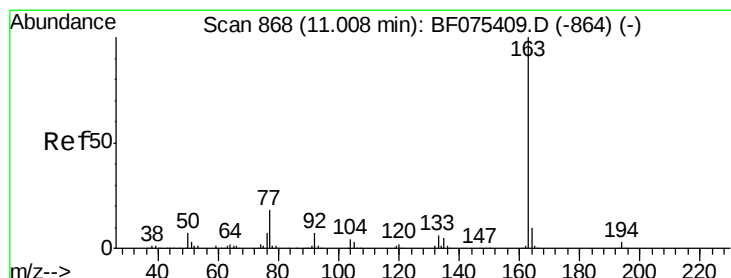
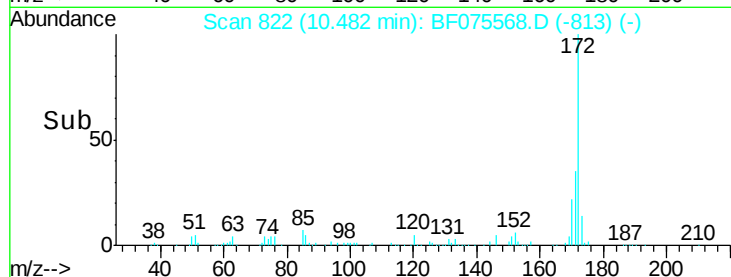
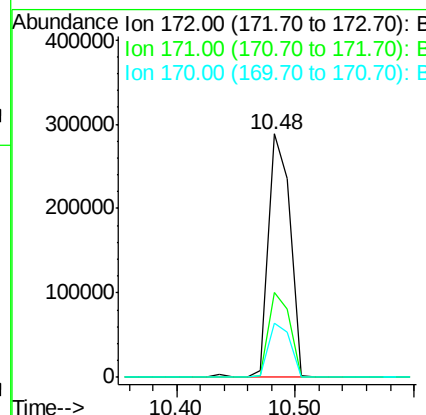
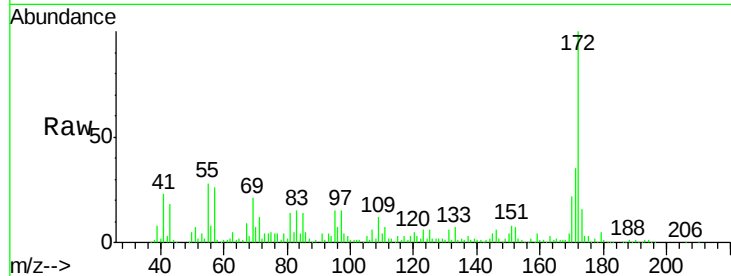
#44
2-Fluorobiphenyl
Concen: 67.96 ng
RT: 10.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	22.2	18.4	27.6

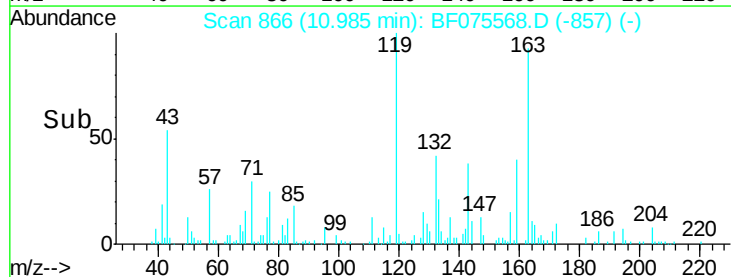
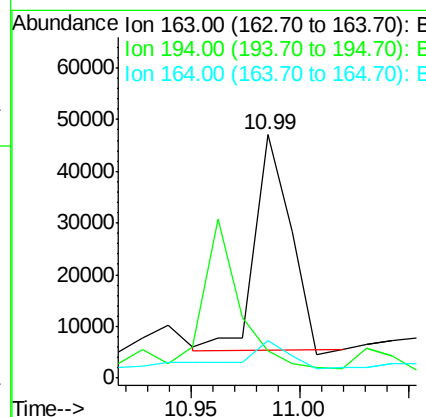
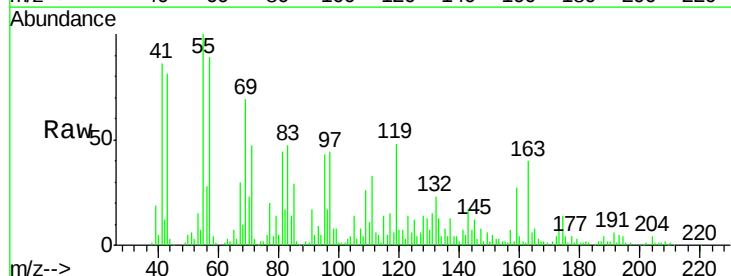
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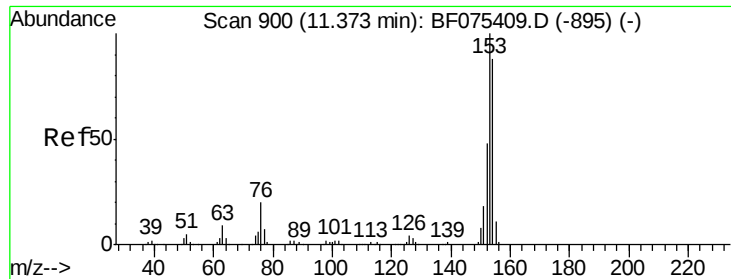
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#49
Dimethylphthalate
Concen: 6.97 ng
RT: 10.99 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	11.2	2.7	4.1#
164	15.2	8.0	12.0#





#51

Acenaphthene

Concen: 5.25 ng

RT: 11.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

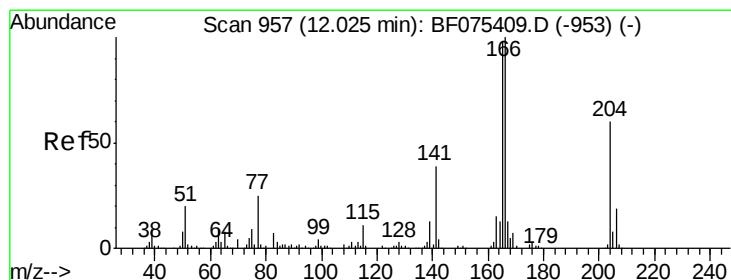
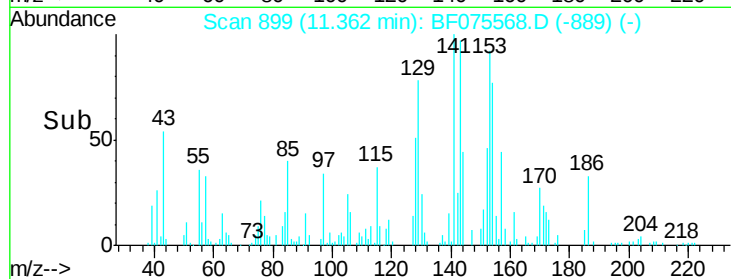
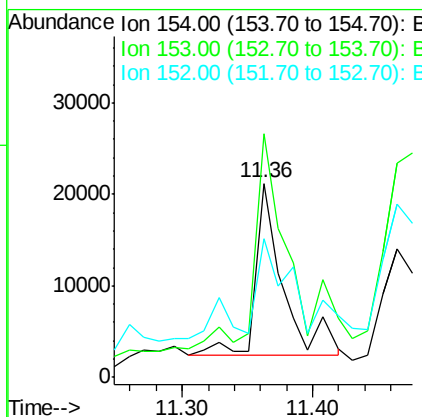
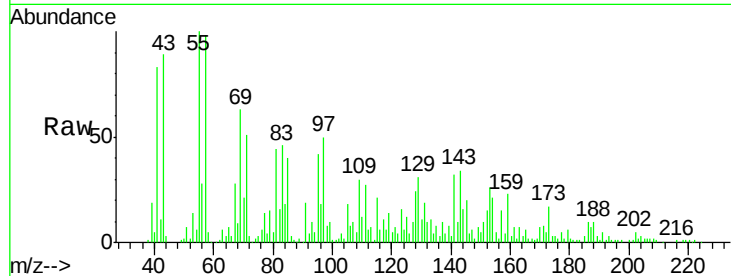
ClientSampleId :

SB-74(7-9)

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	27265		
153	125.3	91.2	136.8	
152	71.6	43.4	65.0	

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#57

Fluorene

Concen: 5.18 ng

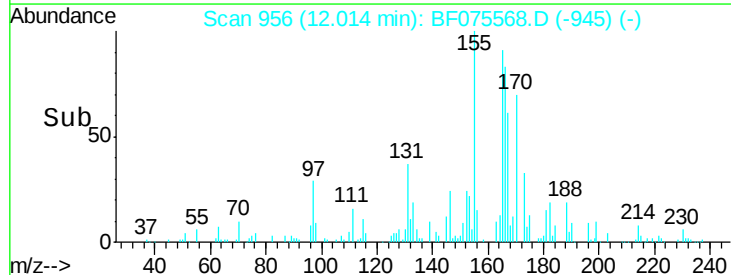
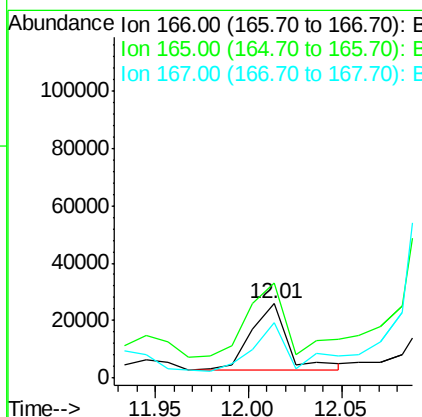
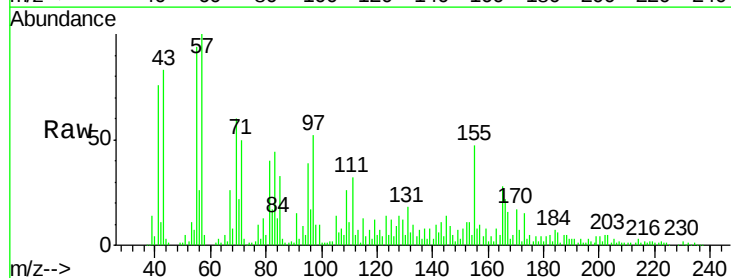
RT: 12.01 min Scan# 956

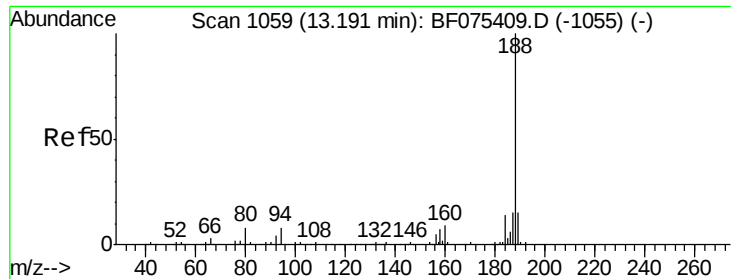
Delta R.T. 0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	31108		
165	128.9	78.8	118.2	
167	74.7	10.6	15.8	





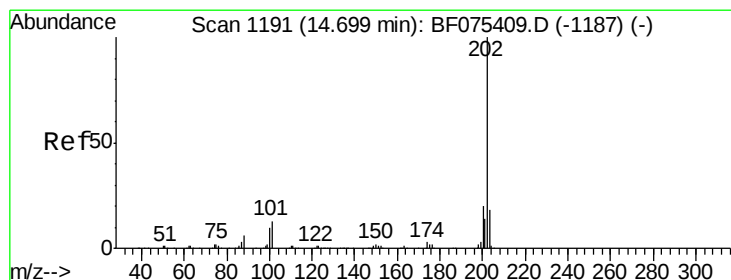
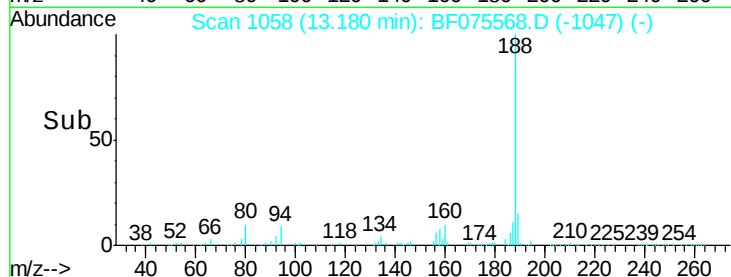
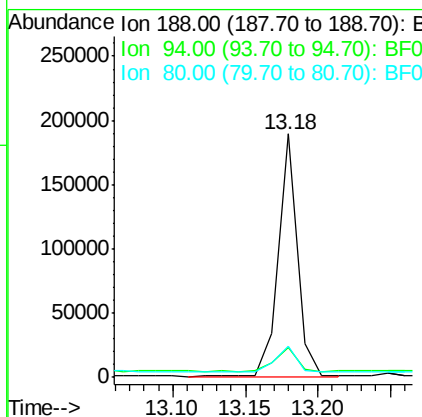
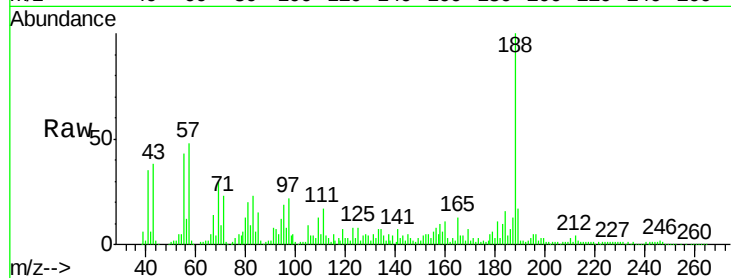
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.18 min Scan# 1058
Delta R.T. 0.02 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	7.8	11.6#
80	13.0	8.0	12.0#

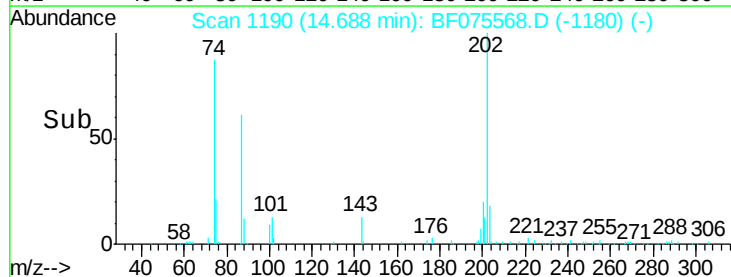
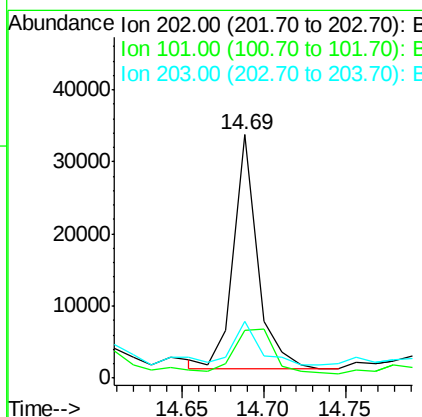
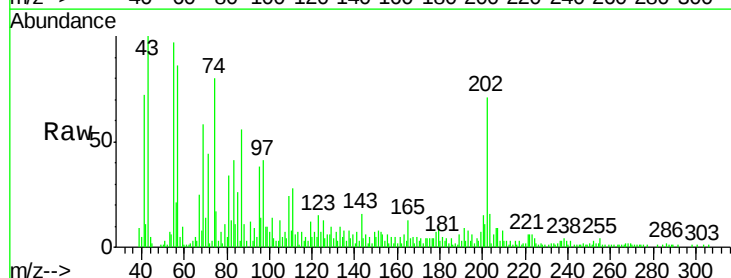
Manual Integrations
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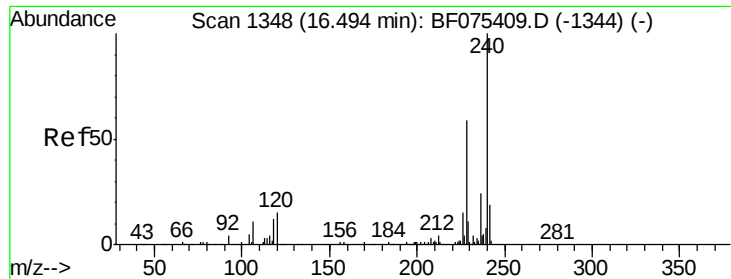
mohammad
11/17/2014 7:39:02 PM



#74
Fluoranthene
Concen: 3.43 ng
RT: 14.69 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	19.9	0.0	36.6
203	23.1	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.47 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

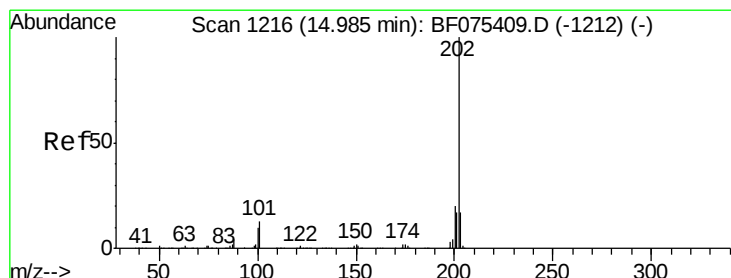
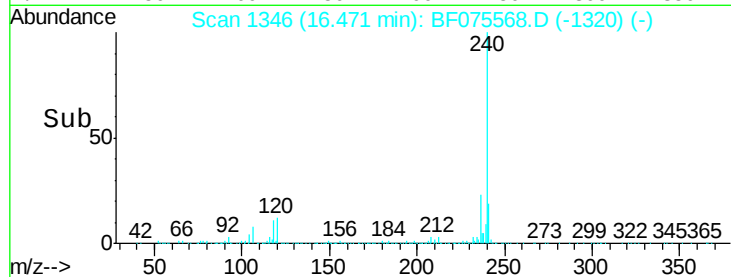
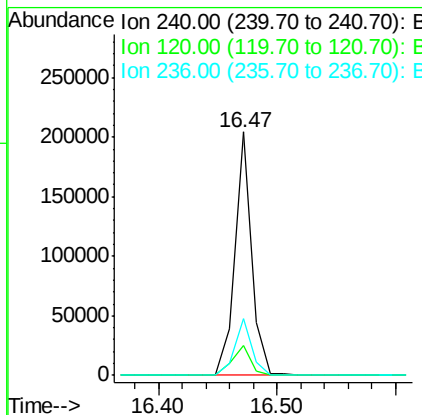
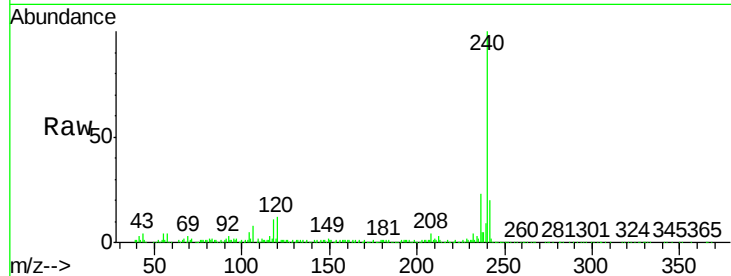
ClientSampled :

SB-74(7-9)

Tgt Ion:	240	Resp:	201693
Ion Ratio		Lower	Upper
240	100		
120	12.3	9.6	14.4
236	23.2	18.9	28.3

Manual Integrations
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#77

Pyrene

Concen: 3.08 ng

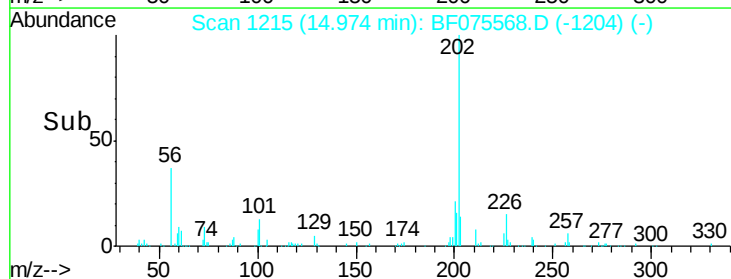
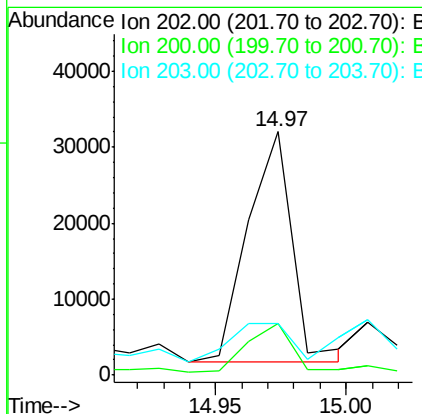
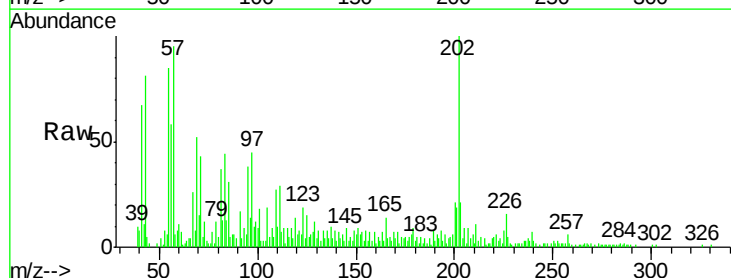
RT: 14.97 min Scan# 1215

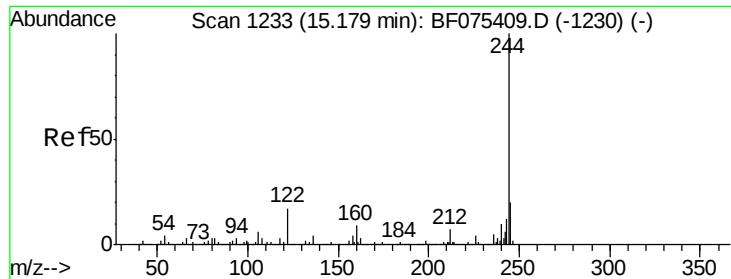
Delta R.T. 0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Tgt Ion:	202	Resp:	36138
Ion Ratio		Lower	Upper
202	100		
200	21.4	16.8	25.2
203	21.0	14.3	21.5





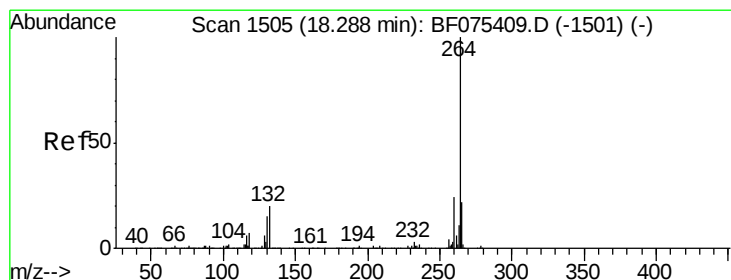
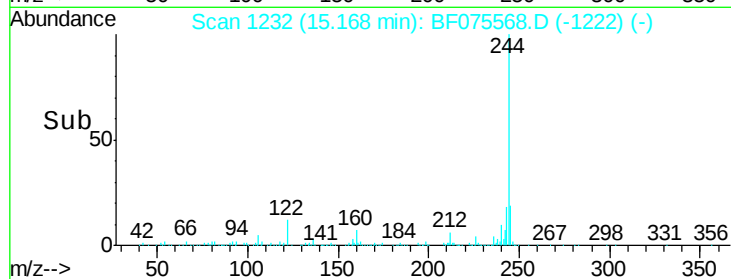
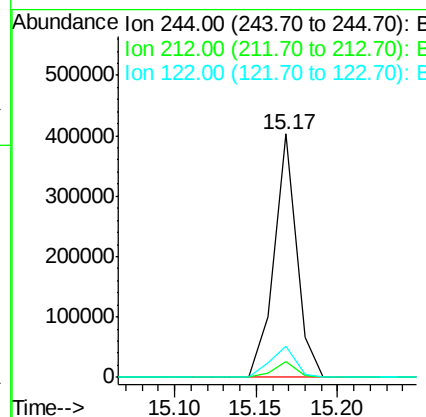
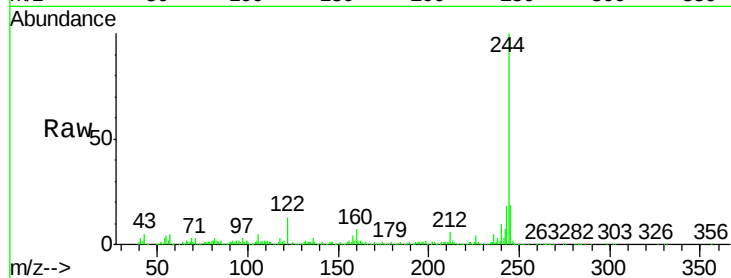
#78
 Terphenyl-d14
 Concen: 52.41 ng
 RT: 15.17 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.5	8.3
122	12.8	9.7	14.5

Manual Integrations
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 11/17/2014 7:39:02 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.9	17.9	26.9
265	21.9	16.3	24.5

