

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075564.D
 Acq On : 16 Nov 2014 2:09
 Operator : TP / JJ
 Sample : F4592-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:38:32 PM

Quant Time: Nov 17 15:13:19 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 00:31:54 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	54679	20.00	ng	0.01
21) Naphthalene-d8	9.16	136	122741	20.00	ng	0.02
38) Acenaphthene-d10	11.40	164	90767m	20.00	ng	0.08
63) Phenanthrene-d10	13.25	188	113641m	20.00	ng	0.09
75) Chrysene-d12	16.48	240	194711	20.00	ng	0.01
86) Perylene-d12	18.23	264	210780	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	286130	92.45	ng	0.01
7) Phenol-d6	7.11	99	351672	94.48	ng	0.01
23) Nitrobenzene-d5	8.25	82	328296	196.10	ng	0.01
41) 2,4,6-Tribromophenol	12.38	330	43619m	57.38	ng	0.08
44) 2-Fluorobiphenyl	10.53	172	236478m	47.08	ng	0.05
78) Terphenyl-d14	15.20	244	271420	37.53	ng	0.05
Target Compounds						Qvalue
37) 2-Methylnaphthalene	10.08	142	288254m	77.21	ng	
45) 1,1'-Biphenyl	10.66	154	99191m	16.20	ng	
71) Anthracene	13.28	178	630366	101.97	ng	# 81

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

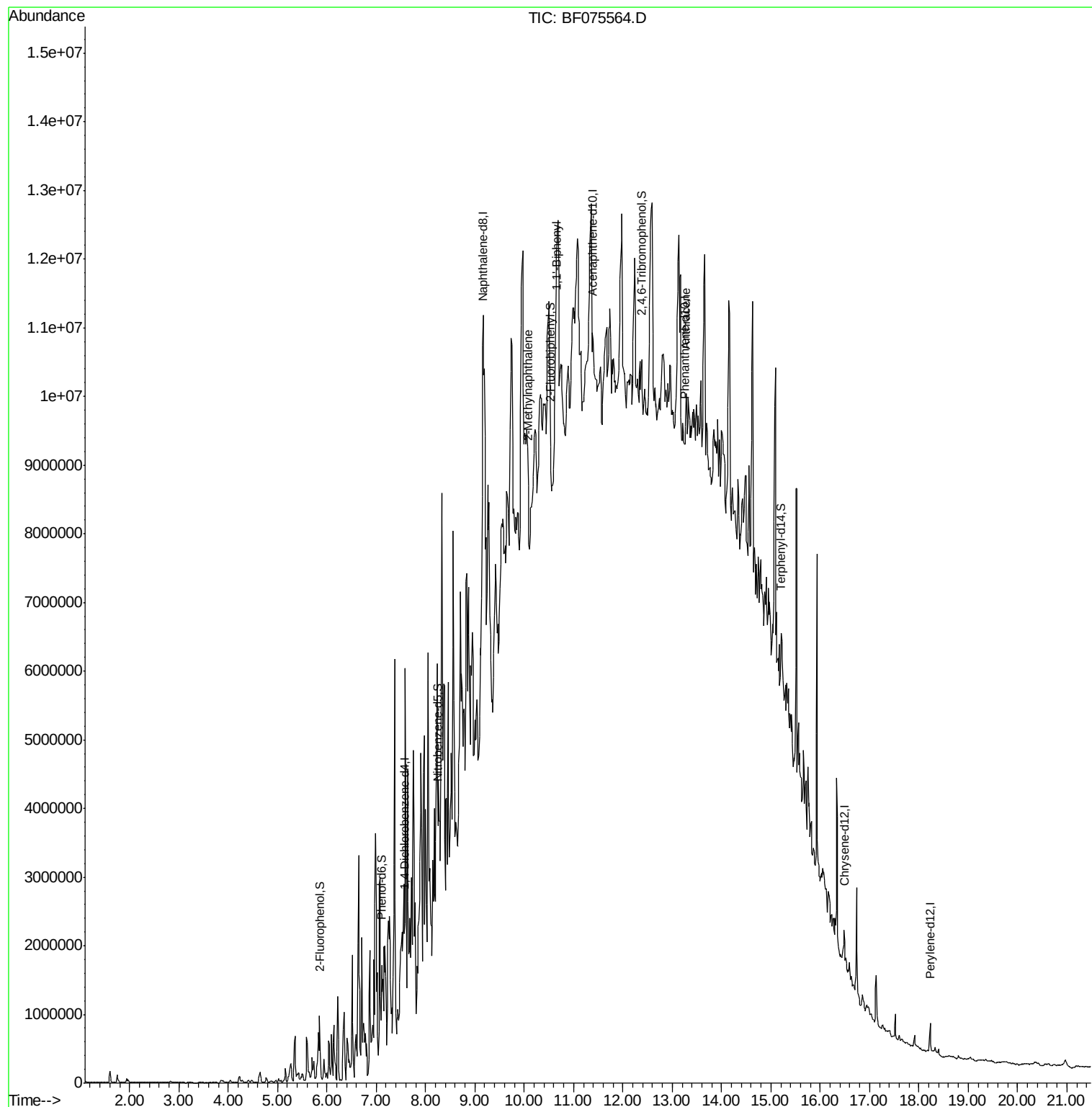
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075564.D
Acq On : 16 Nov 2014 2:09
Operator : TP / JJ
Sample : F4592-04
Misc :
ALS Vial : 62 Sample Multiplier: 1

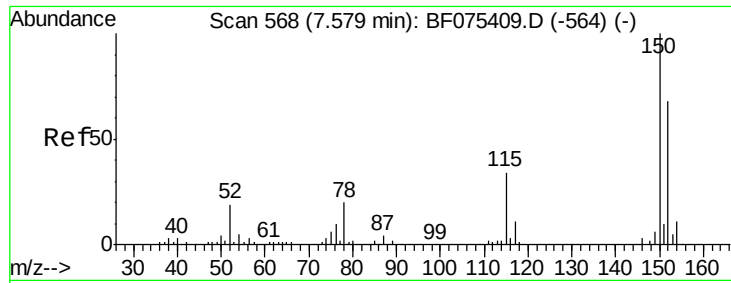
Instrument :
BNA_F
ClientSampleId :
T3

Manual Integrations
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11/17/2014 7:38:32 PM

Quant Time: Nov 17 15:13:19 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 00:31:54 2014
Response via : Initial Calibration





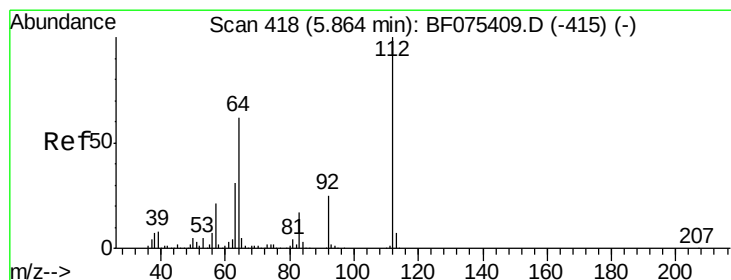
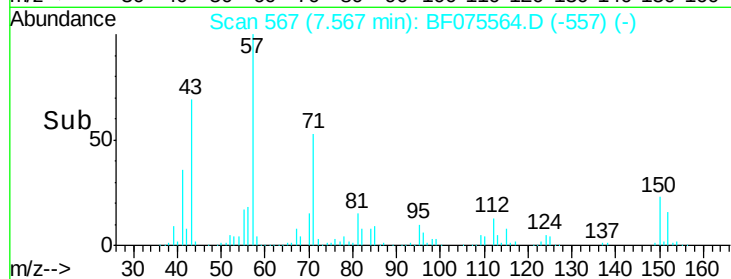
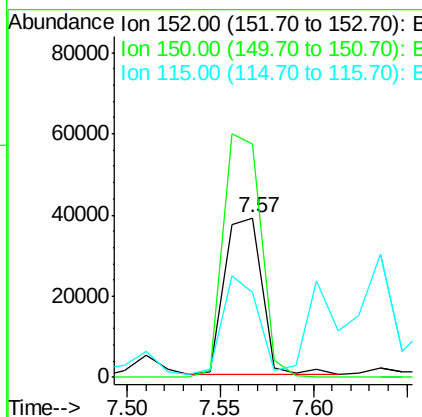
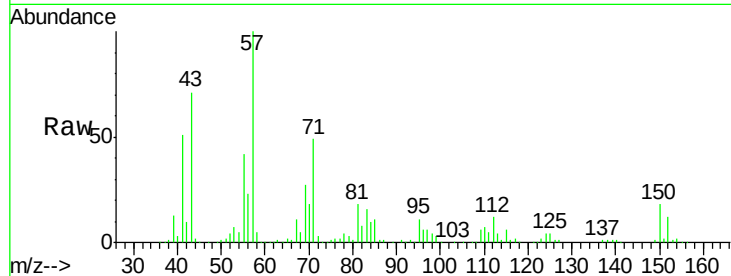
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.57 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF075564.D
Acq: 16 Nov 2014 2:09

Instrument :
BNA_F
ClientSampleId :
T3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	127.2	190.8
115	53.1	57.1	85.7

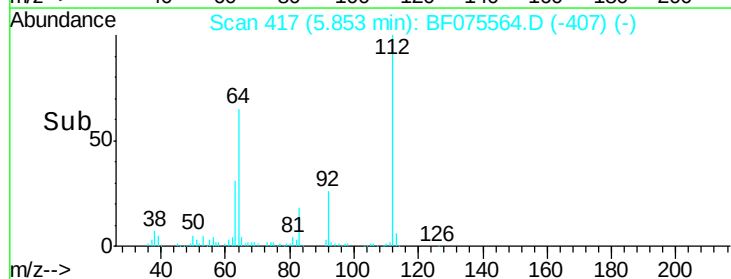
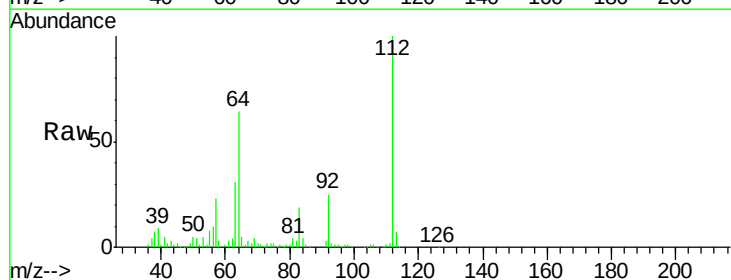
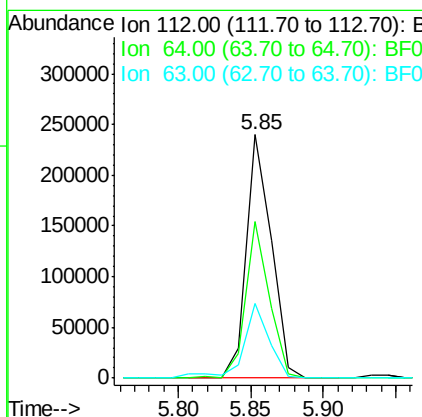
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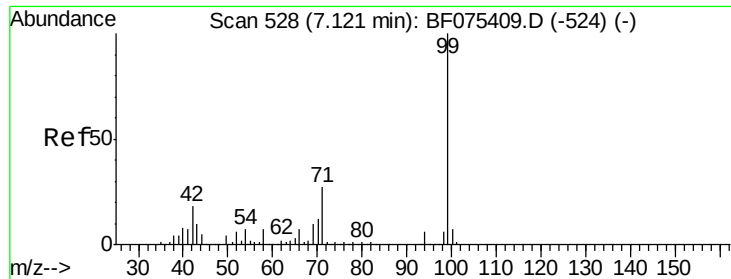
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#5
2-Fluorophenol
Concen: 92.45 ng
RT: 5.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF075564.D
Acq: 16 Nov 2014 2:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	45.8	68.6
63	30.8	22.7	34.1





#7

Phenol-d6

Concen: 94.48 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

Instrument :

BNA_F

ClientSampleId :

T3

Tgt Ion: 99 Resp: 351672
Ion Ratio Lower Upper

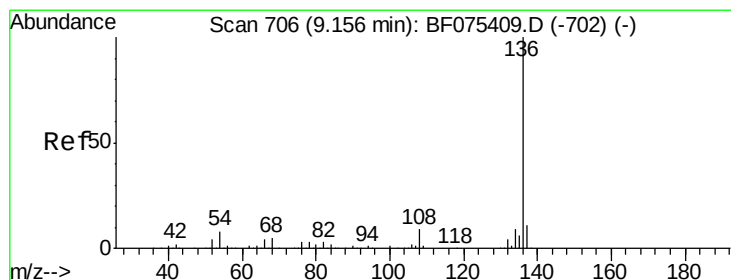
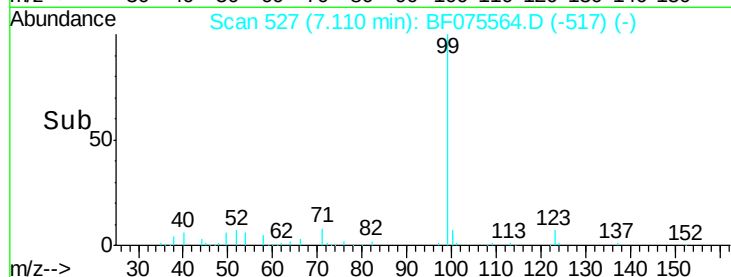
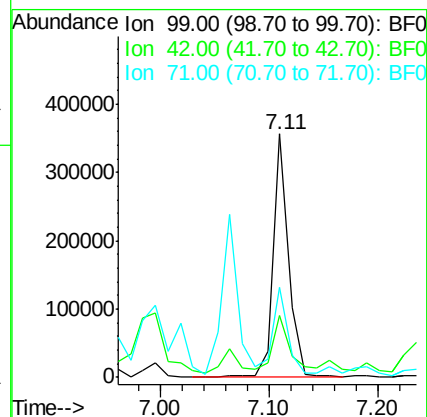
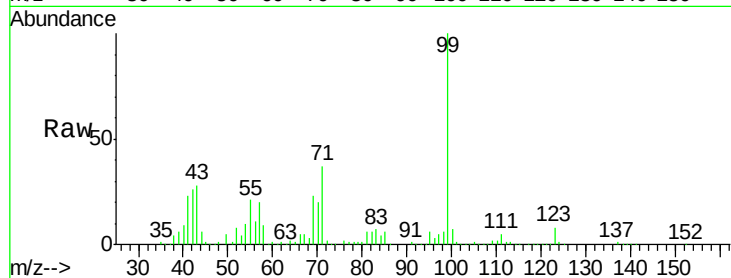
99 100

42 25.6 19.8 29.6

71 37.2 25.5 38.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.16 min Scan# 706

Delta R.T. 0.02 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

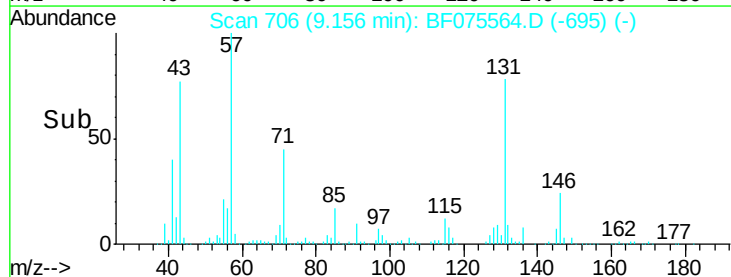
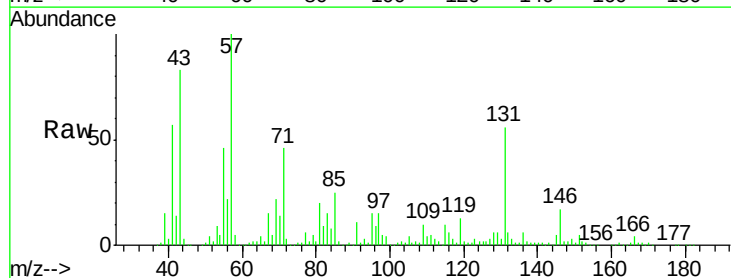
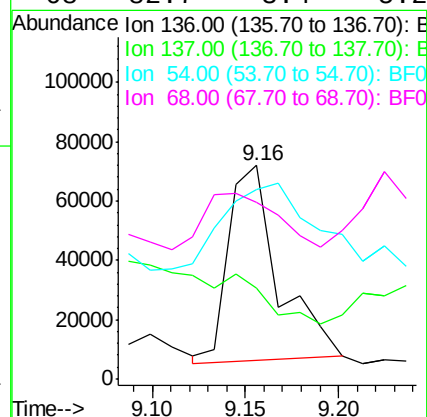
Tgt Ion: 136 Resp: 122741
Ion Ratio Lower Upper

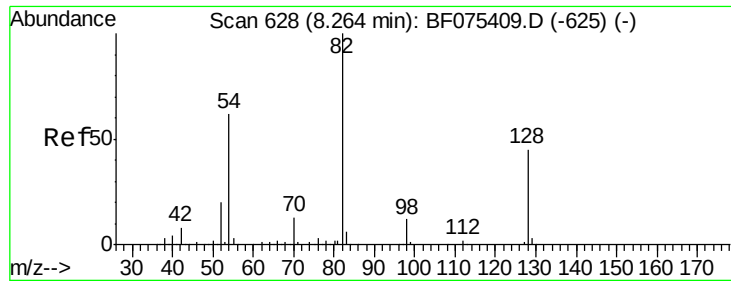
136 100

137 42.3 8.2 12.4#

54 88.6 6.2 9.4#

68 82.7 3.4 5.2#





#23

Nitrobenzene-d5

Concen: 196.10 ng

RT: 8.25 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

Instrument :

BNA_F

ClientSampleId :

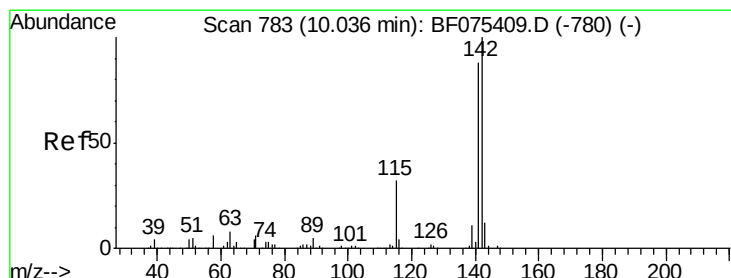
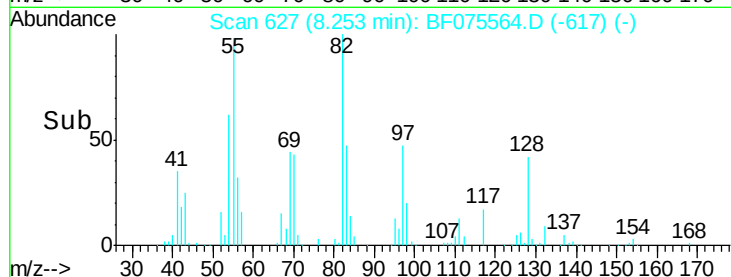
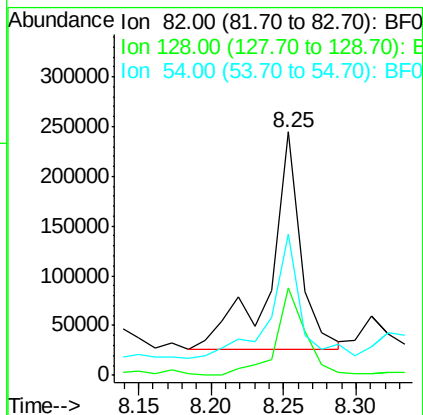
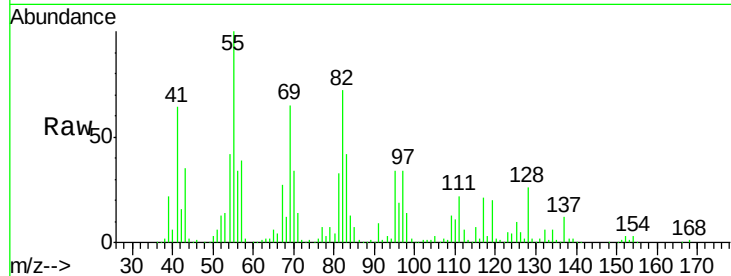
T3

Tgt Ion: 82 Resp: 328296
Ion Ratio Lower Upper

82	100		
128	35.8	37.8	56.6#
54	57.9	49.8	74.8

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#37

2-Methylnaphthalene

Concen: 77.21 ng m

RT: 10.08 min Scan# 787

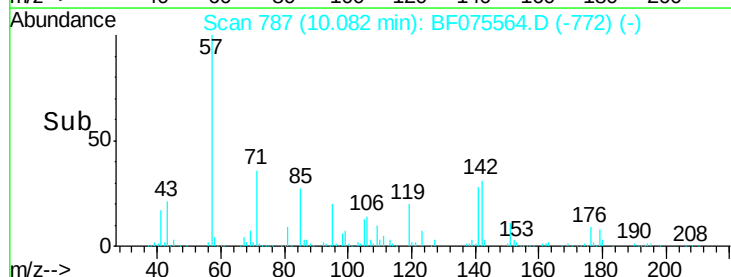
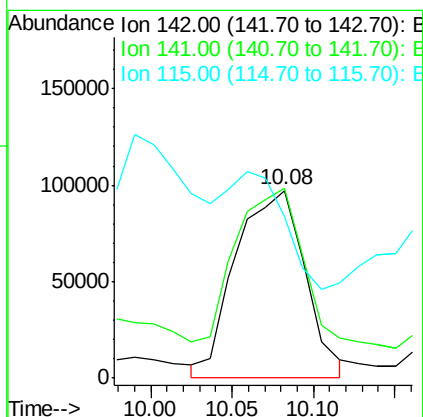
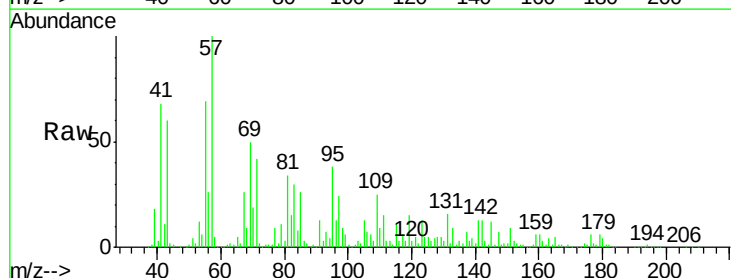
Delta R.T. 0.07 min

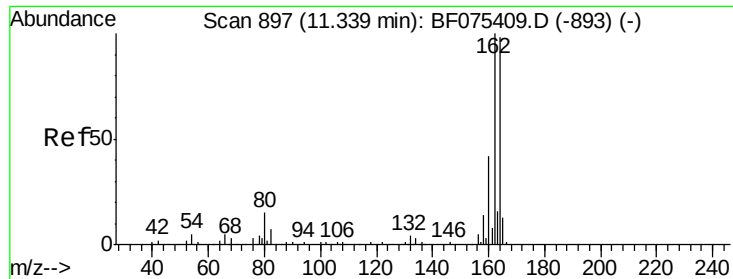
Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

Tgt Ion: 142 Resp: 288254
Ion Ratio Lower Upper

142	100		
141	101.5	69.9	104.9
115	86.1	27.6	41.4#





#38

Acenaphthene-d10

Concen: 20.00 ng m

RT: 11.40 min Scan# 902

Delta R.T. 0.08 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

Instrument :

BNA_F

ClientSampleId :

T3

Tgt Ion:164 Resp: 90767
Ion Ratio Lower Upper

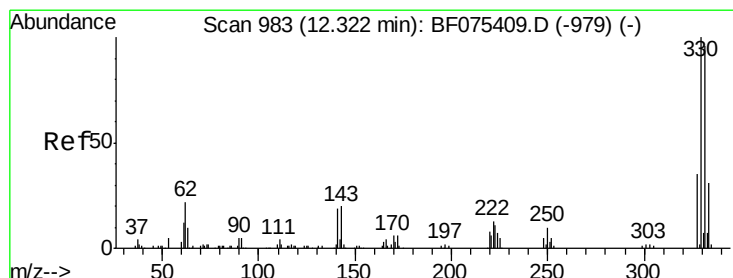
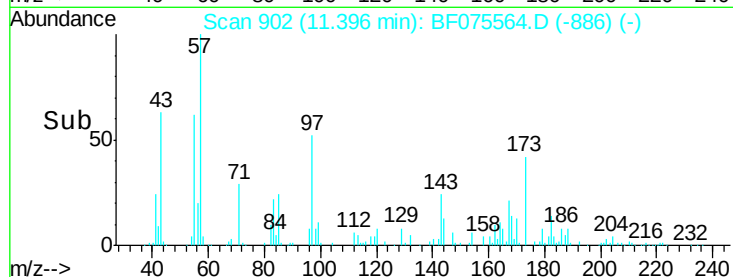
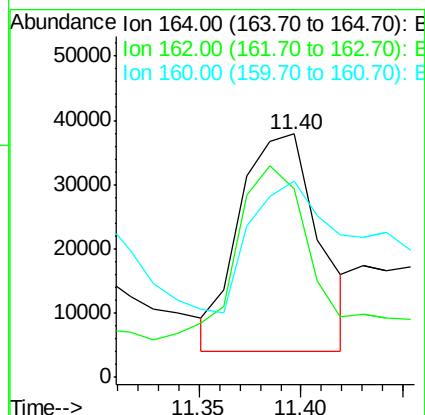
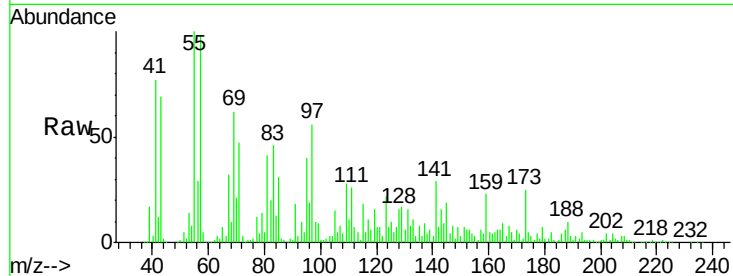
164 100

162 77.7 79.1 118.7#

160 80.7 34.6 51.8#

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#41

2,4,6-Tribromophenol

Concen: 57.38 ng m

RT: 12.38 min Scan# 988

Delta R.T. 0.08 min

Lab File: BF075564.D

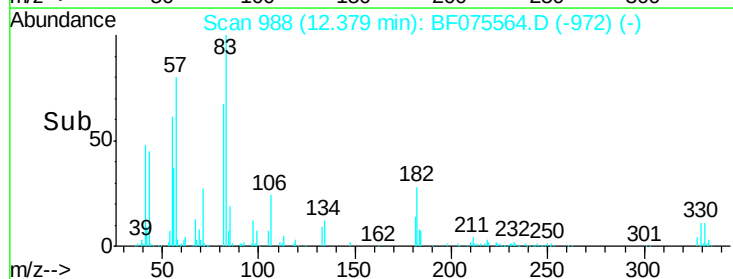
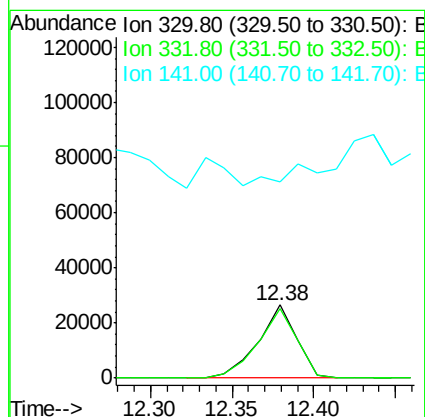
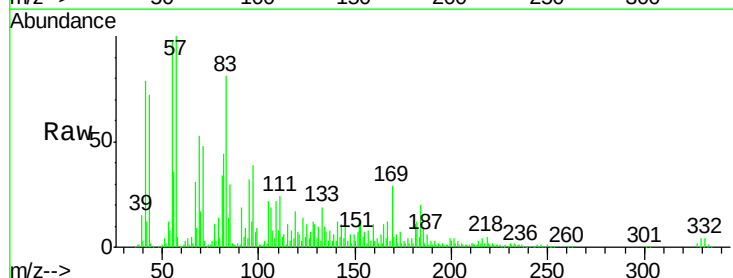
Acq: 16 Nov 2014 2:09

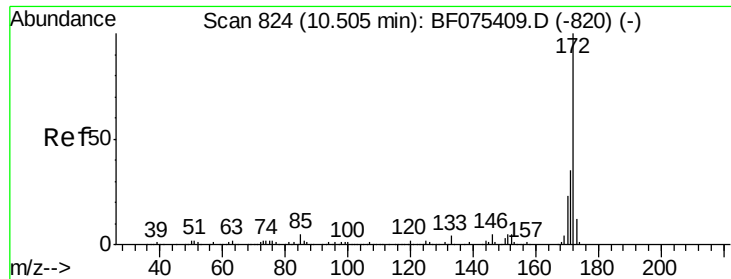
Tgt Ion:330 Resp: 43619
Ion Ratio Lower Upper

330 100

332 0.0 74.5 111.7#

141 0.0 30.7 46.1#





#44

2-Fluorobiphenyl

Concen: 47.08 ng m

RT: 10.53 min Scan# 826

Delta R.T. 0.05 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

Instrument :

BNA_F

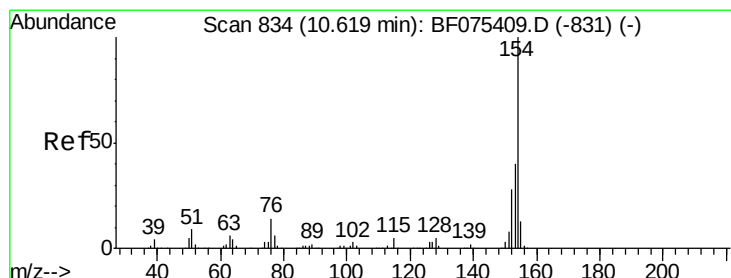
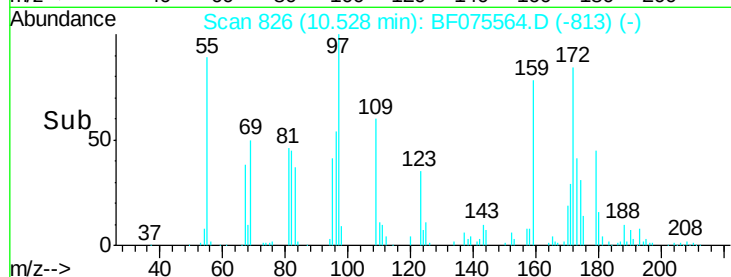
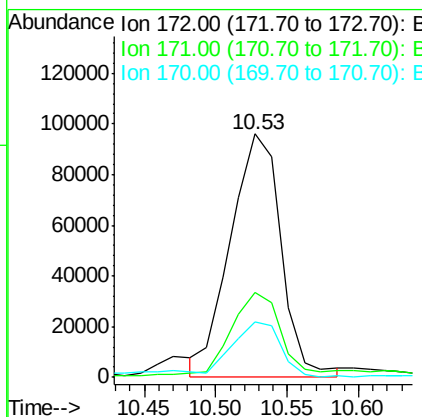
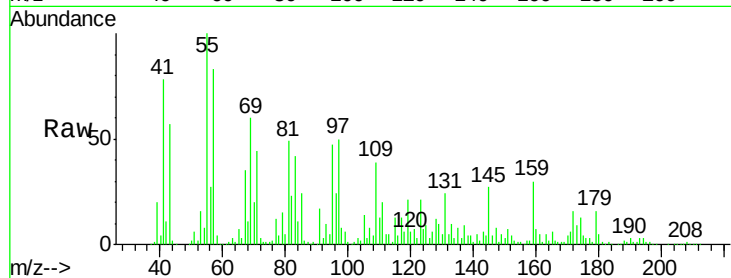
ClientSampled :

T3

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Tgt Ion:	172	Resp:	236478
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.3	40.9
170	22.7	18.4	27.6



#45

1,1'-Biphenyl

Concen: 16.20 ng m

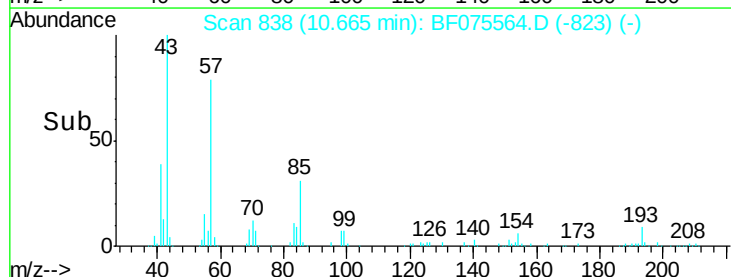
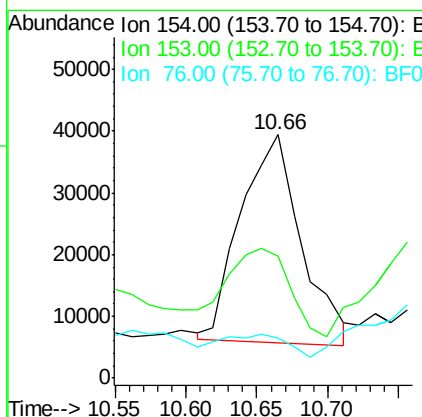
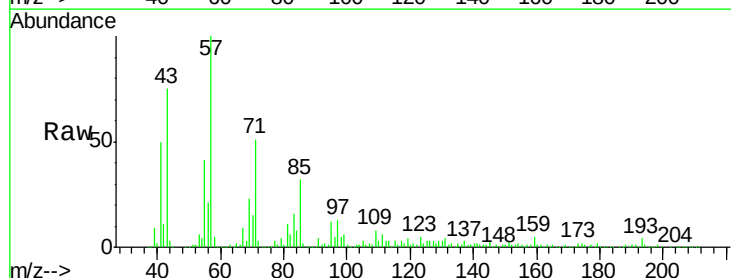
RT: 10.66 min Scan# 838

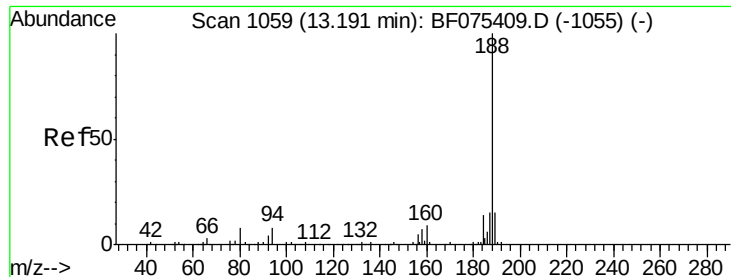
Delta R.T. 0.07 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

Tgt Ion:	154	Resp:	99191
Ion Ratio	Lower	Upper	
154	100		
153	50.1	19.3	59.3
76	16.7	0.0	35.0





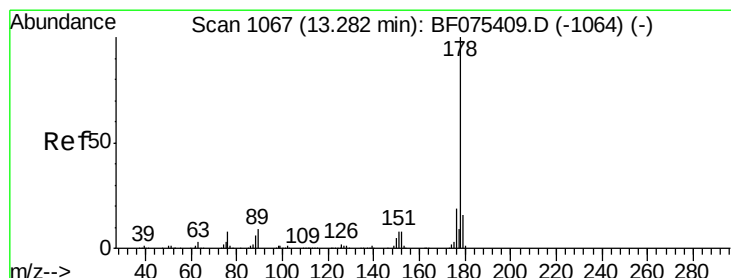
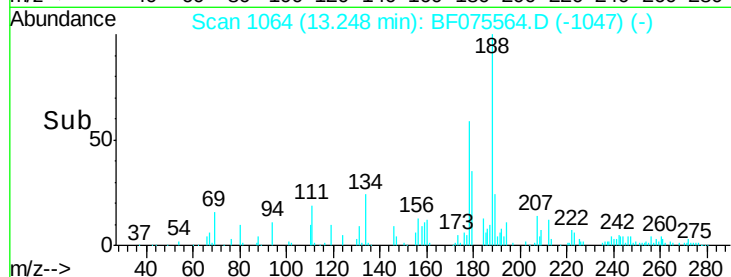
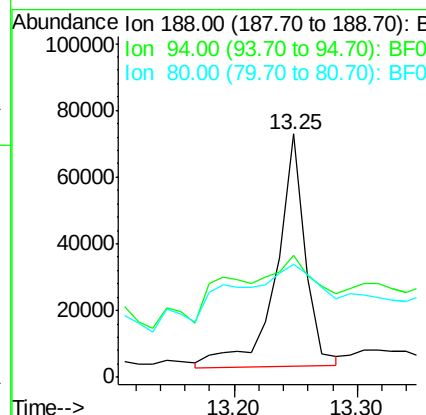
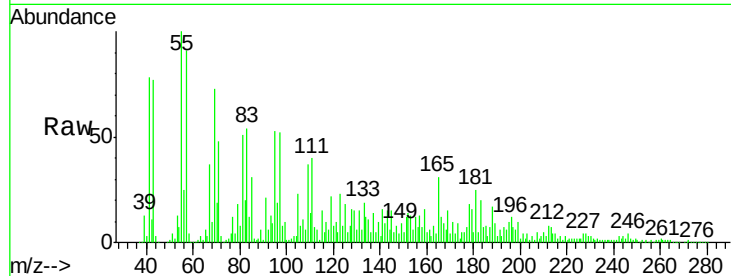
#63
Phenanthrene-d10
Concen: 20.00 ng m
RT: 13.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF075564.D
Acq: 16 Nov 2014 2:09

Instrument :
BNA_F
ClientSampled :
T3

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	113641		
94	50.1	7.8	11.6#	
80	46.2	8.0	12.0#	

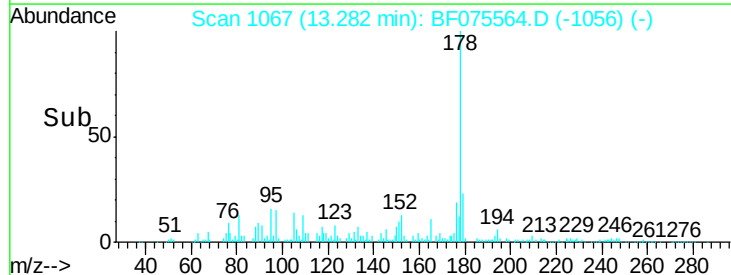
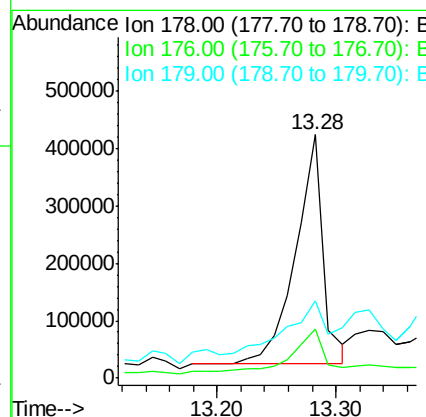
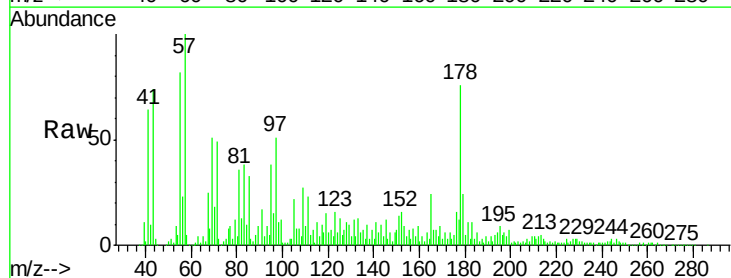
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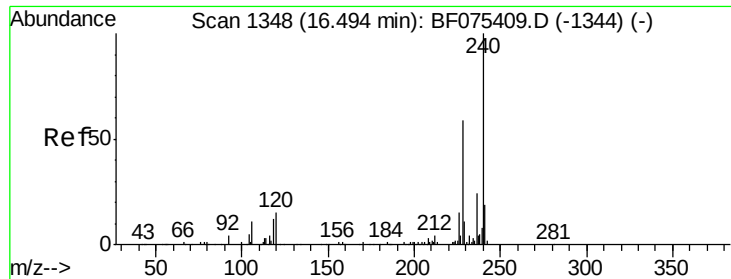
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#71
Anthracene
Concen: 101.97 ng
RT: 13.28 min Scan# 1067
Delta R.T. 0.02 min
Lab File: BF075564.D
Acq: 16 Nov 2014 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	630366		
176	20.4	15.1	22.7	
179	31.5	12.2	18.2#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.48 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

Instrument :

BNA_F

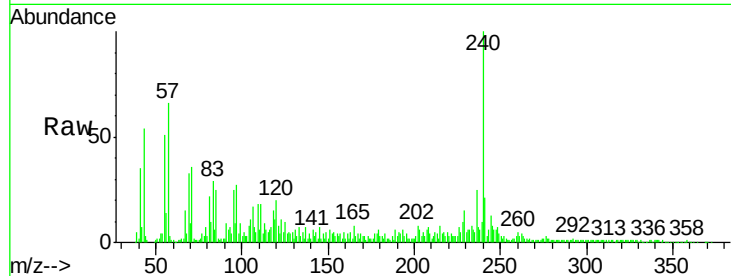
ClientSampleId :

T3

Tgt Ion:	240	Resp:	194711
Ion Ratio	Lower	Upper	
240	100		
120	19.6	9.6	14.4#
236	25.0	18.9	28.3

Manual Integrations
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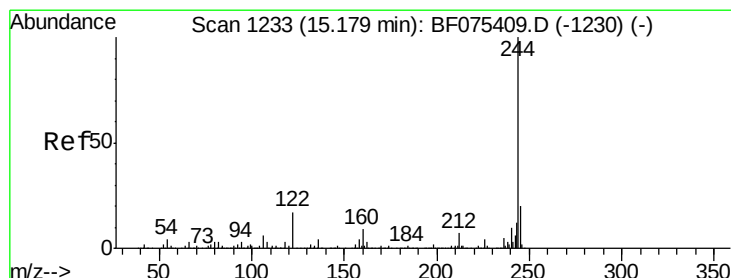
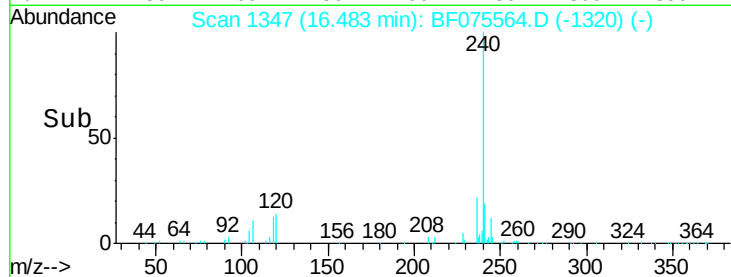
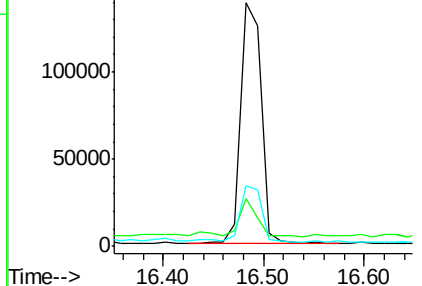
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 37.53 ng

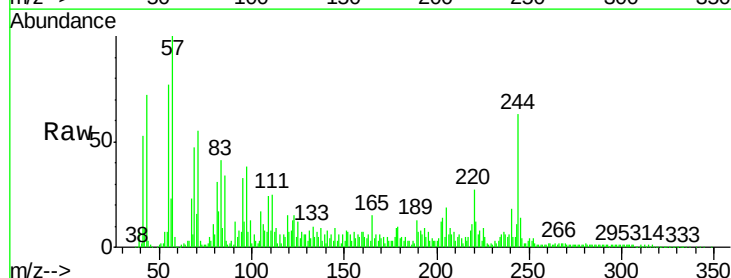
RT: 15.20 min Scan# 1235

Delta R.T. 0.05 min

Lab File: BF075564.D

Acq: 16 Nov 2014 2:09

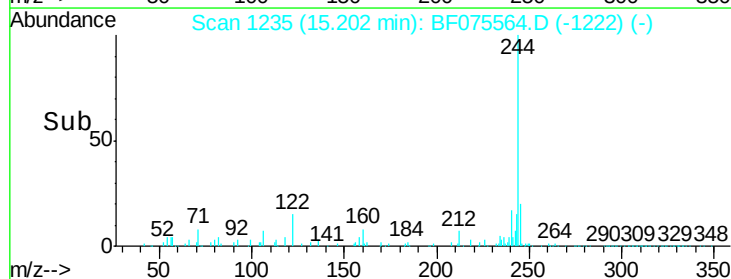
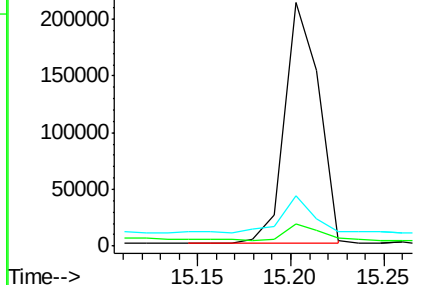
Tgt Ion:	244	Resp:	271420
Ion Ratio	Lower	Upper	
244	100		
212	9.0	5.5	8.3#
122	20.8	9.7	14.5#

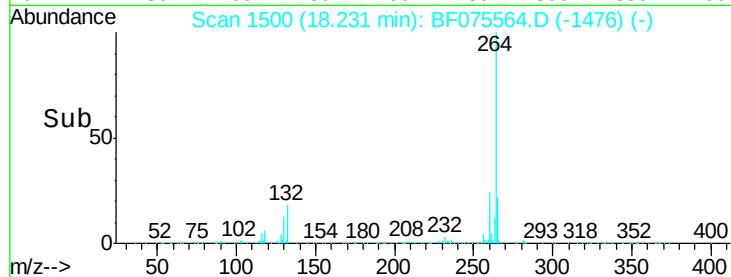
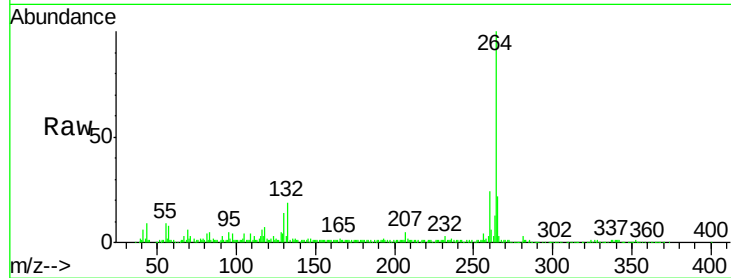
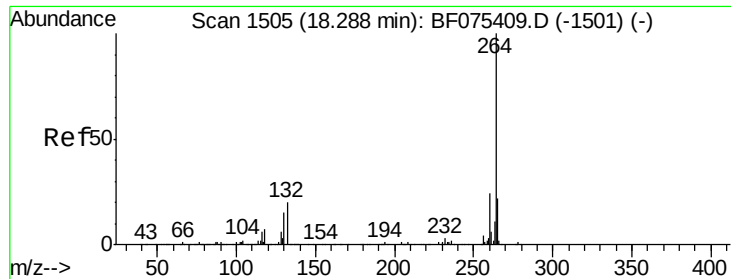


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.23 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF075564.D
Acq: 16 Nov 2014 2:09

Instrument :
BNA_F
ClientSampleId :
T3

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		210780		
260	24.0	17.9		26.9	
265	22.1	16.3		24.5	

Manual Integrations
APPROVED

mohammad
11/17/2014 7:38:32 PM

