

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079505.D
 Acq On : 27 May 2015 6:12
 Operator : TP/IZ
 Sample : G2255-10DL 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512DL

Manual Integrations
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Quant Time: May 27 11:35:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	71398	20.00	ng	0.00
21) Naphthalene-d8	8.60	136	285492	20.00	ng	0.01
38) Acenaphthene-d10	10.77	164	167232	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	332709	20.00	ng	0.01
75) Chrysene-d12	15.89	240	366773	20.00	ng	0.01
86) Perylene-d12	17.60	264	378203	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.63	99	618	0.12	ng	0.01
23) Nitrobenzene-d5	7.72	82	1618	0.33	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	263	0.14	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	2632	0.22	ng	0.00
78) Terphenyl-d14	14.59	244	3830	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.84	88	111053m	56.71	ng	
10) Phenol	6.64	94	43927m	7.11	ng	
11) bis(2-Chloroethyl)ether	6.72	93	51030	11.42	ng	98
17) 2-Methylphenol	7.38	107	21987	5.84	ng	99
20) 3+4-Methylphenols	7.59	107	215164	41.59	ng	100
27) 2,4-Dimethylphenol	8.24	122	52721	12.73	ng	# 92

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

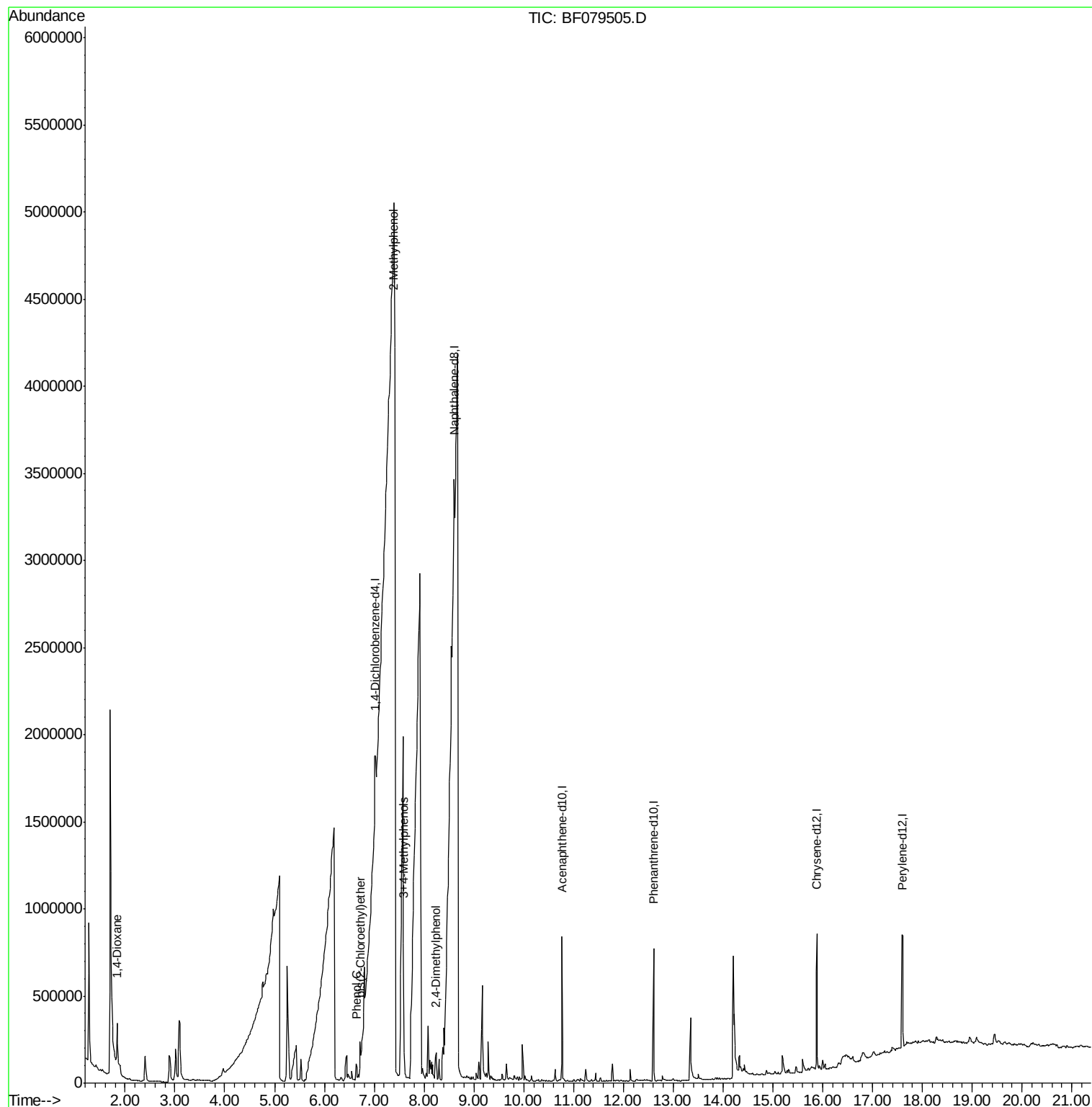
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079505.D
Acq On : 27 May 2015 6:12
Operator : TP/IZ
Sample : G2255-10DL 25X
Misc :
ALS Vial : 28 Sample Multiplier: 1

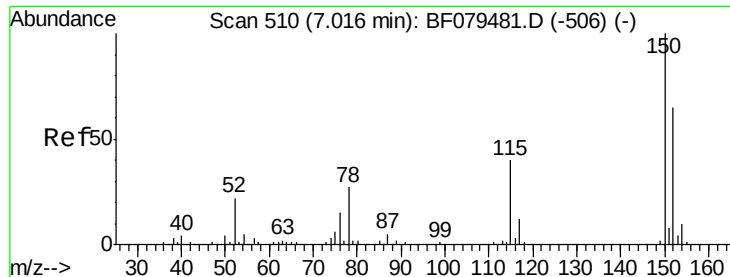
Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512DL

Manual Integrations
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Quant Time: May 27 11:35:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
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QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration





#1

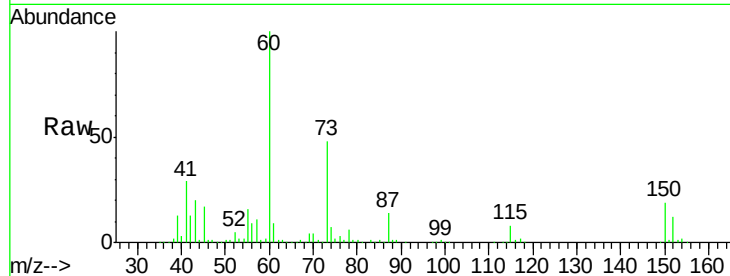
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079505.D
Acq: 27 May 2015 6:12

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.0	186.0
115	68.3	49.6	74.4

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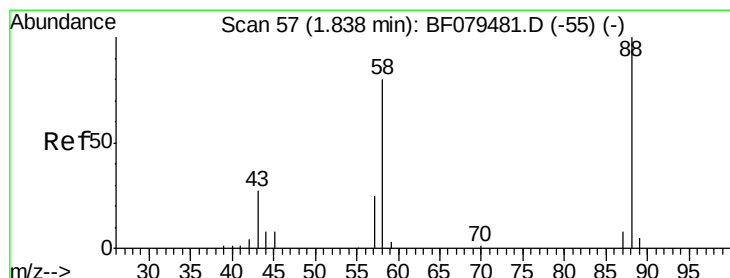
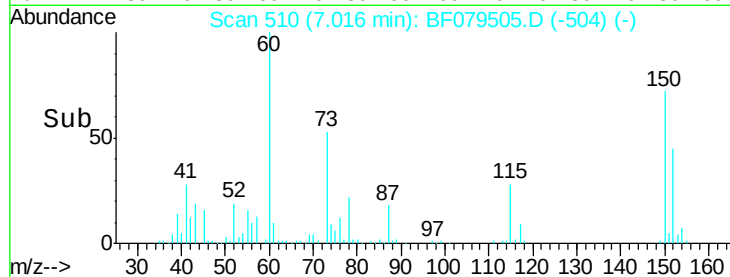
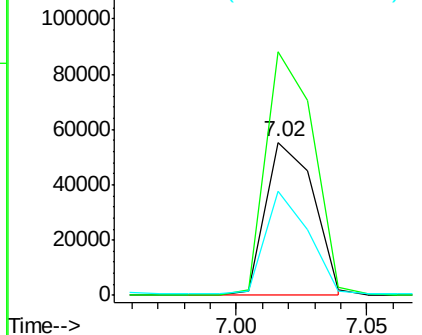


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

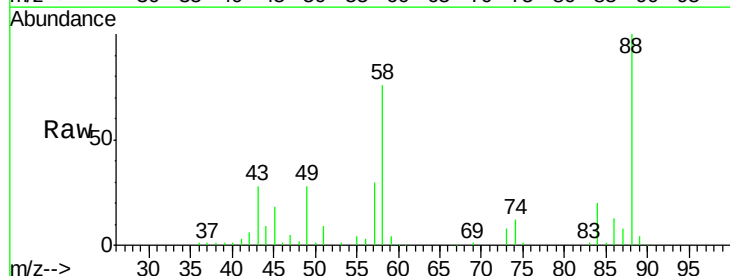
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 56.71 ng m
RT: 1.84 min Scan# 57
Delta R.T. 0.00 min
Lab File: BF079505.D
Acq: 27 May 2015 6:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0

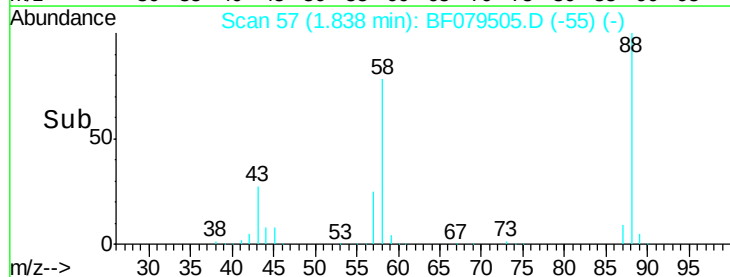
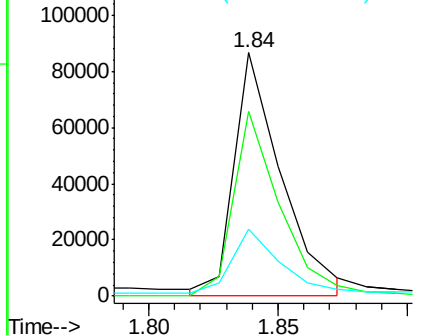


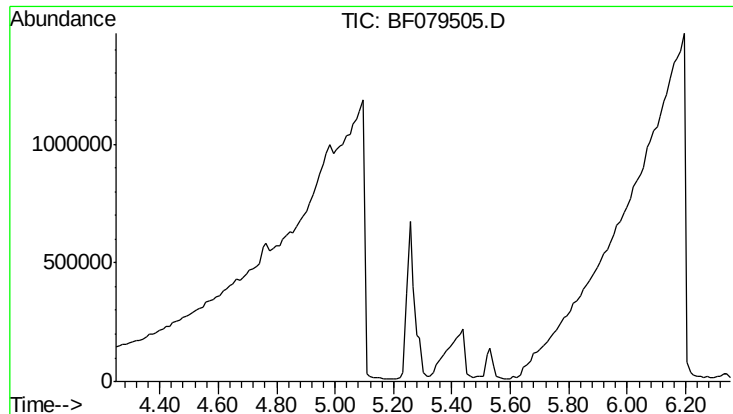
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





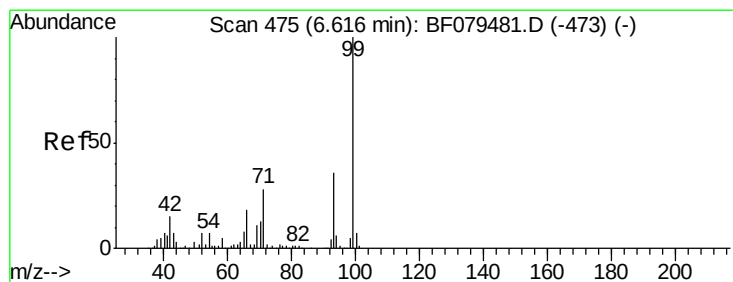
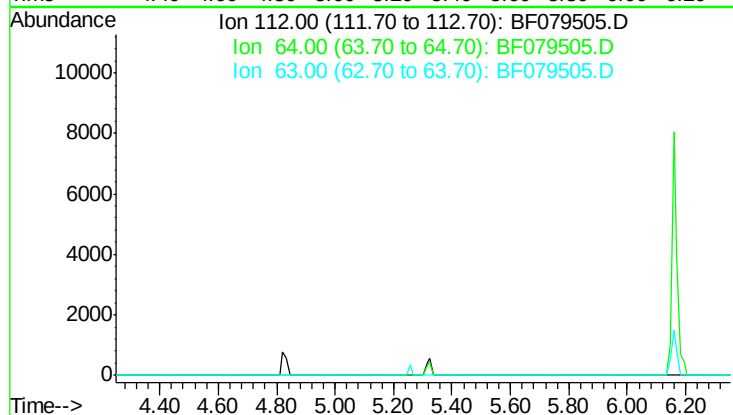
#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.30 min
 Lab File: BF079505.D
 Acq: 27 May 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512DL

Manual Integrations
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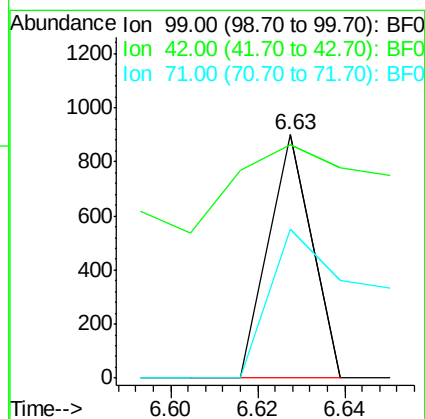
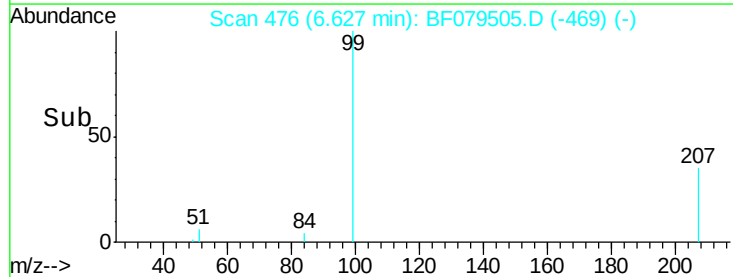
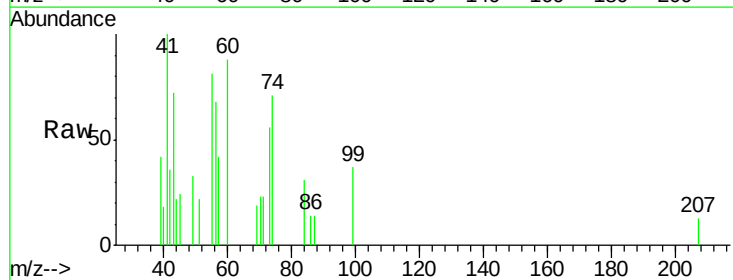
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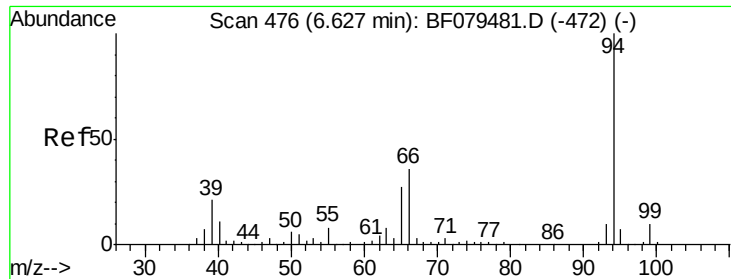
Tot Ion	Exp Ratio
112	100
64	54.4
63	27.3



#7
 Phenol-d6
 Concen: 0.12 ng
 RT: 6.63 min Scan# 476
 Delta R.T. 0.01 min
 Lab File: BF079505.D
 Acq: 27 May 2015 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	618		
42	95.7		11.9	17.9#
71	61.3		22.1	33.1#





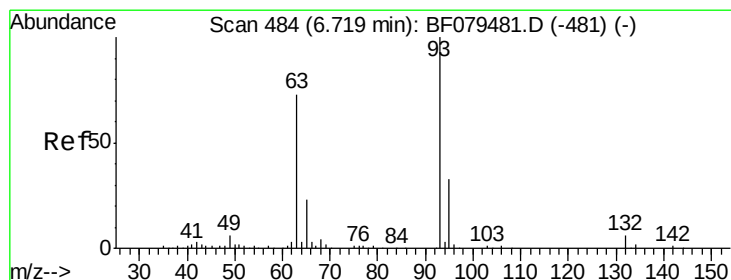
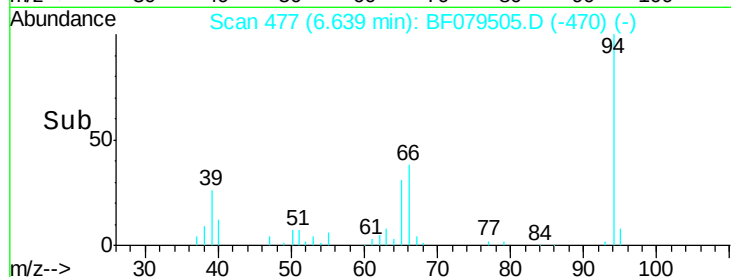
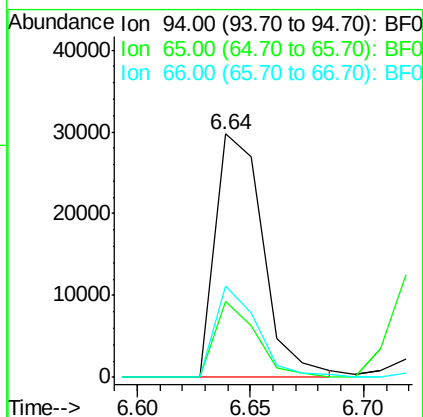
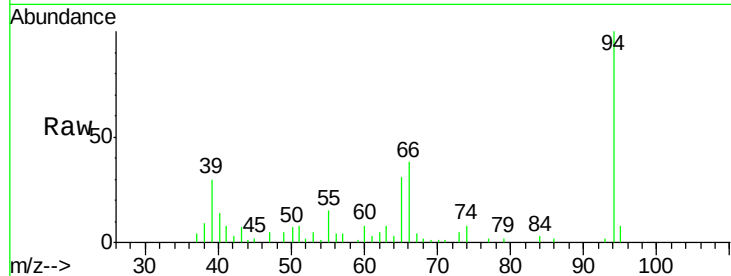
#10
Phenol
Concen: 7.11 ng/ml
RT: 6.64 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF079505.D
Acq: 27 May 2015 6:12

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512DL

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.2	47.2
66	37.7	16.2	56.2

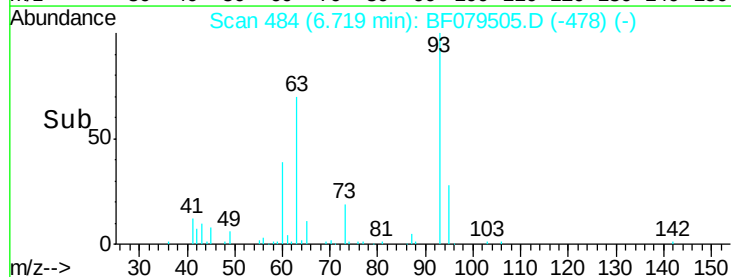
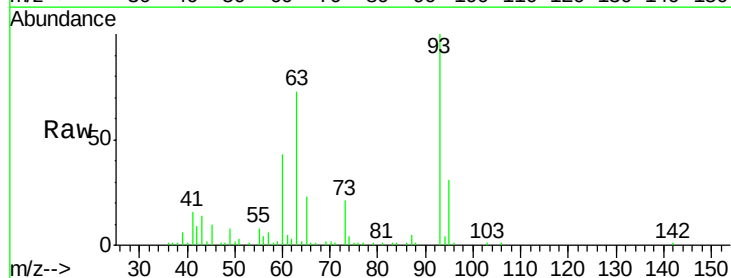
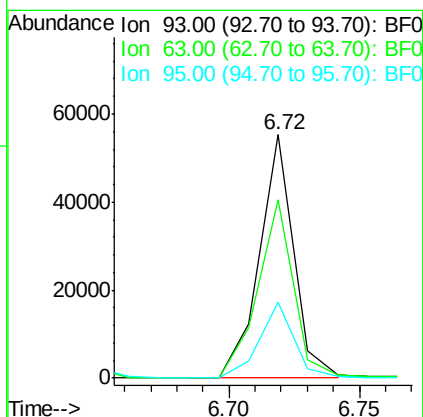
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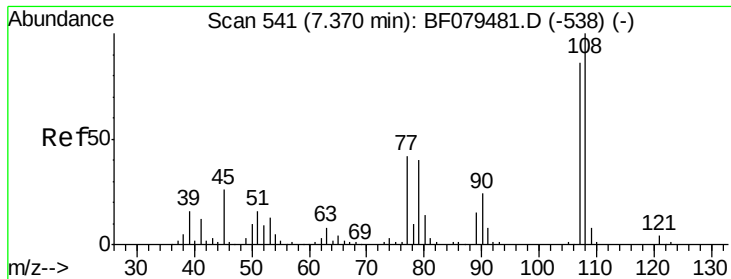
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#11
bis(2-Chloroethyl)ether
Concen: 11.42 ng/ml
RT: 6.72 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF079505.D
Acq: 27 May 2015 6:12

Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.2	51.8	91.8
95	31.0	13.0	53.0





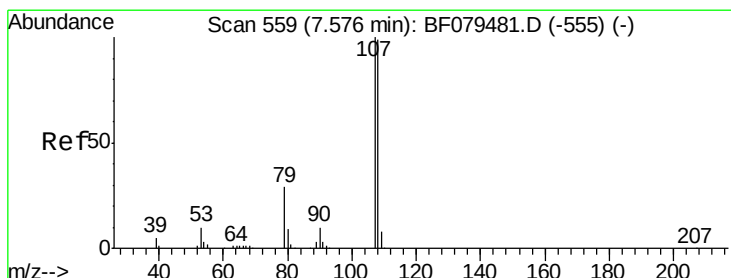
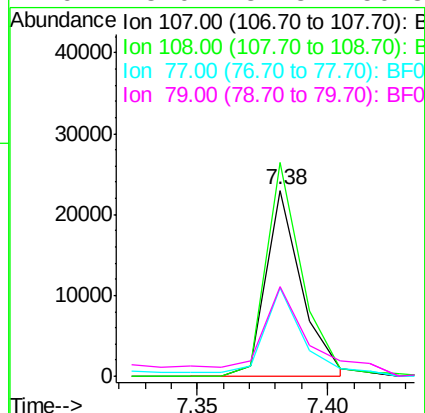
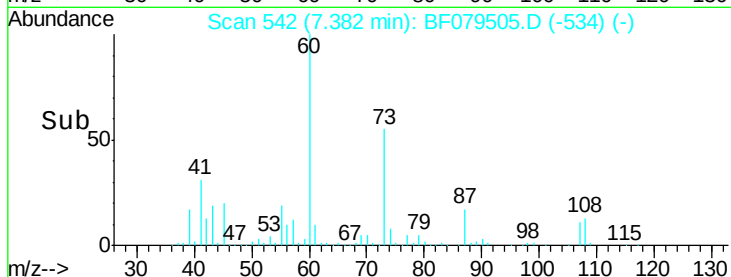
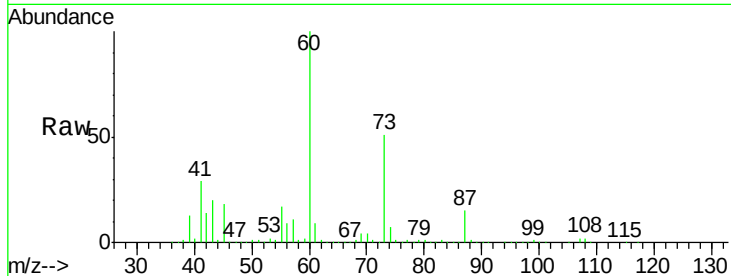
#17
2-Methylphenol
Concen: 5.84 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF079505.D
Acq: 27 May 2015 6:12

Instrument :
BNA_F
ClientSampleId :
KY032MW006-150512DL

Tot Ion:	107	Resp:	21987
Ion Ratio	Lower	Upper	
107	100		
108	114.8	93.1	139.7
77	47.6	39.2	58.8
79	48.0	37.8	56.8

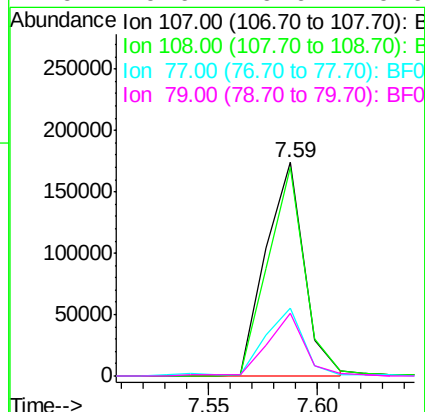
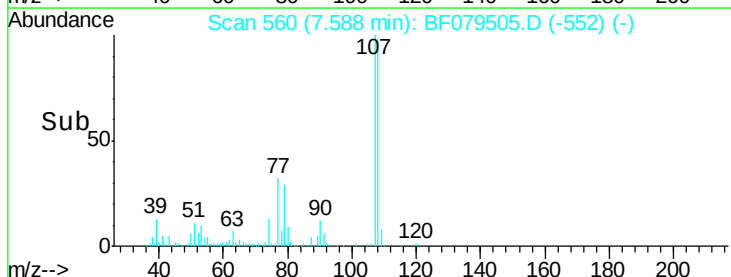
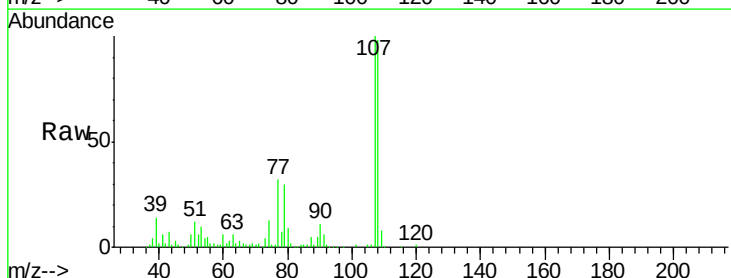
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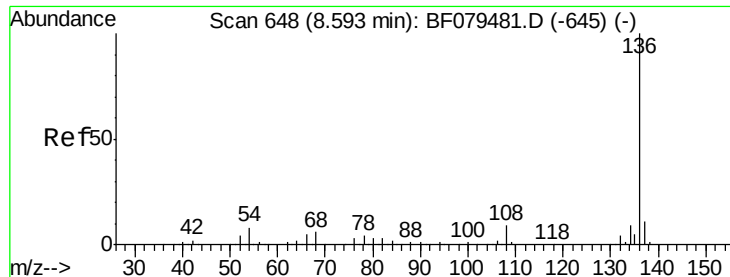
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#20
3+4-Methylphenols
Concen: 41.59 ng
RT: 7.59 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF079505.D
Acq: 27 May 2015 6:12

Tgt Ion:	107	Resp:	215164
Ion Ratio	Lower	Upper	
107	100		
108	97.6	77.7	117.7
77	31.9	11.4	51.4
79	29.6	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF079505.D

Acq: 27 May 2015 6:12

Instrument :

BNA_F

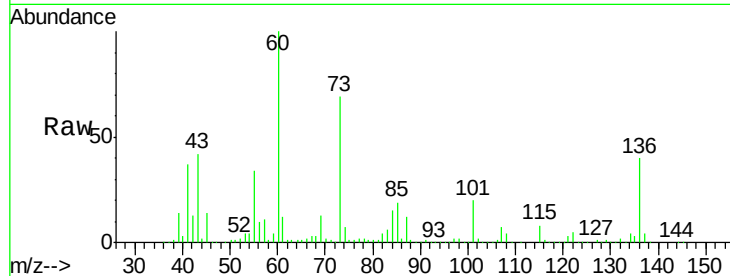
ClientSampleId :

KY032MW006-150512DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	285492		
137	10.6	8.5	12.7	
54	9.7	6.6	9.8	
68	7.1	4.7	7.1	

Manual Integrations
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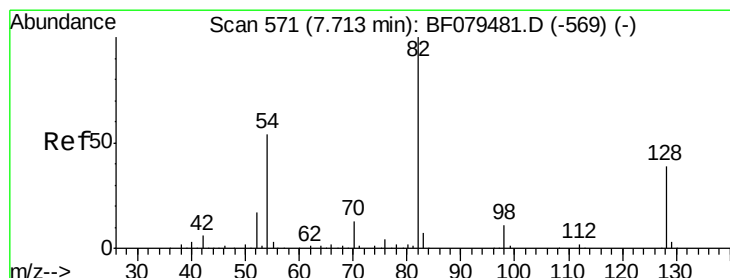
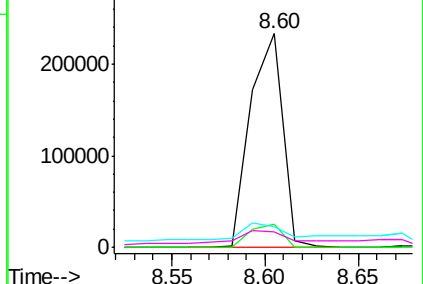
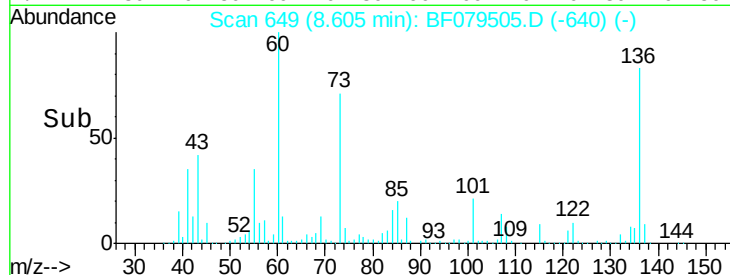


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.33 ng

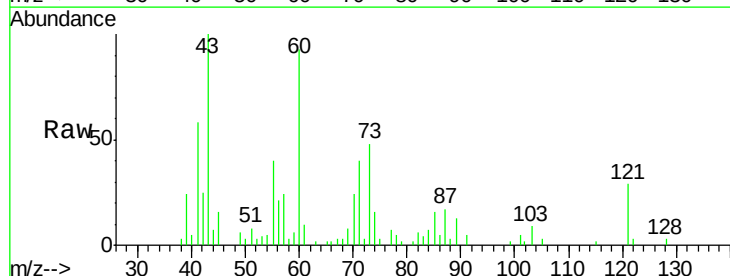
RT: 7.72 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF079505.D

Acq: 27 May 2015 6:12

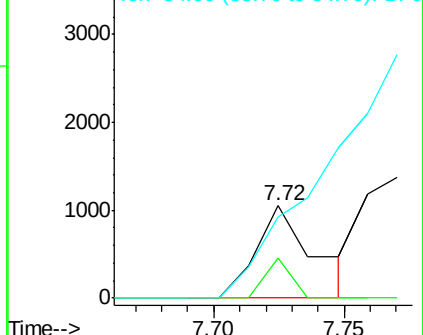
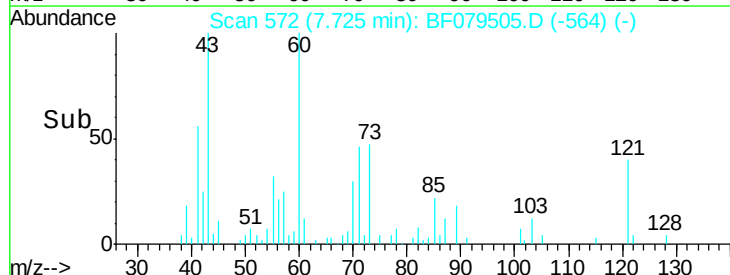
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1618		
128	43.6	30.8	46.2	
54	87.5	42.8	64.2#	

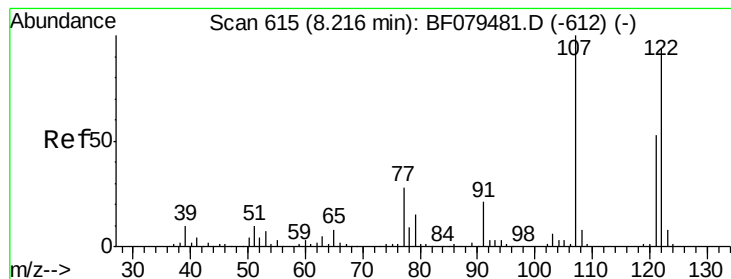


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

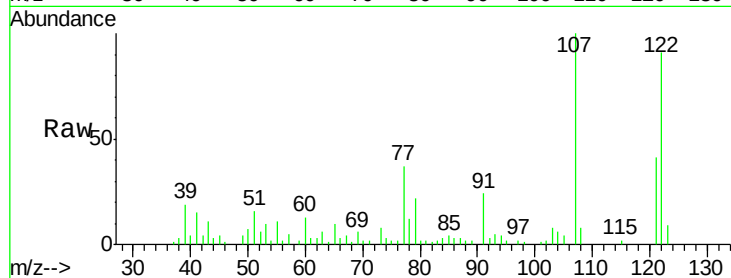
Ion 54.00 (53.70 to 54.70): BF0





#27
 2,4-Dimethylphenol
 Concen: 12.73 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.02 min
 Lab File: BF079505.D
 Acq: 27 May 2015 6:12

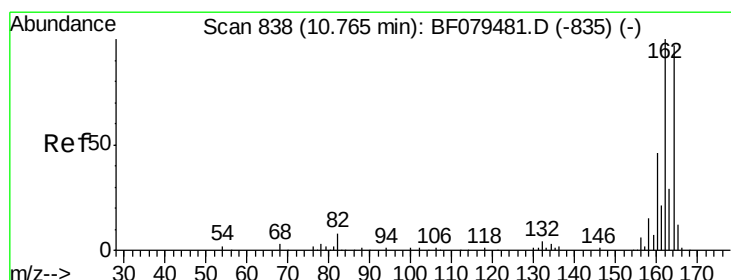
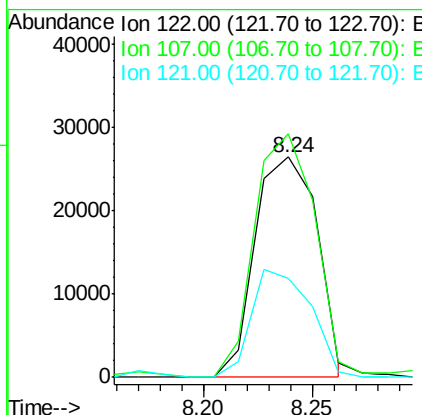
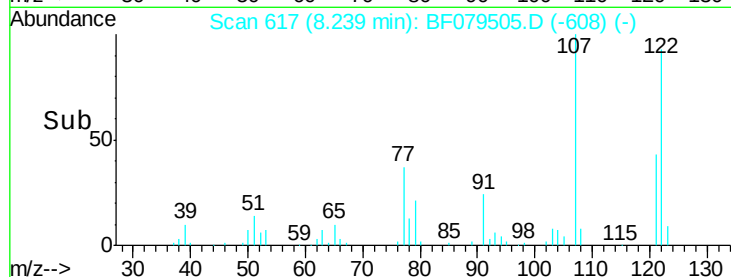
Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512DL



Tot Ion	Ratio	Resp	Lower	Upper
122	100	52721		
107	110.4	85.2	127.8	
121	44.9	45.2	67.8	

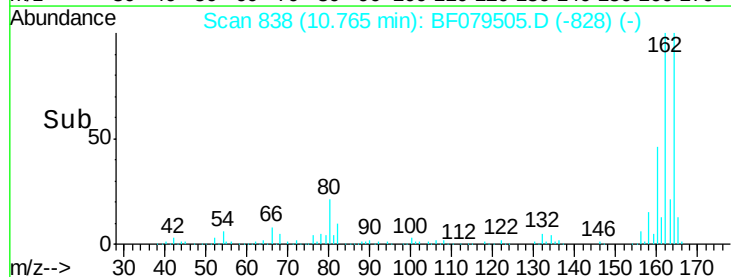
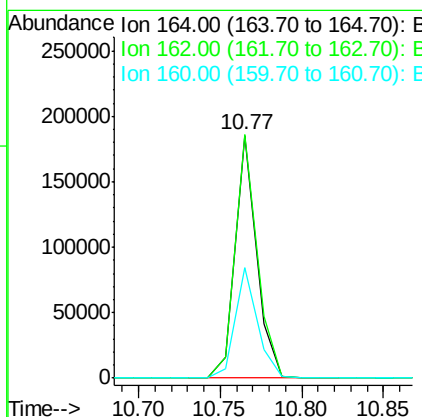
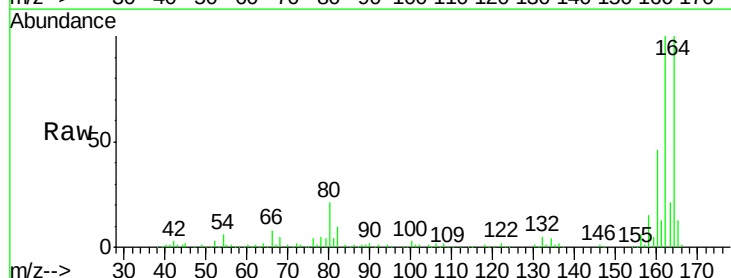
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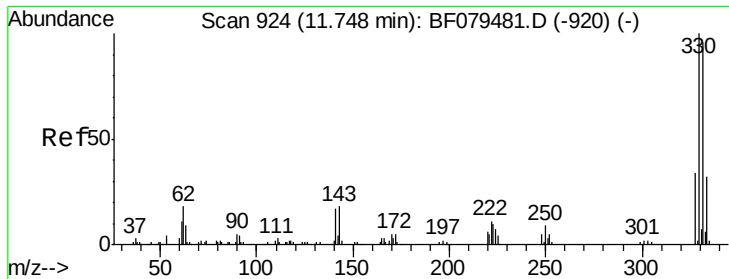
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.77 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079505.D
 Acq: 27 May 2015 6:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167232		
162	100.3	82.6	124.0	
160	45.7	37.7	56.5	





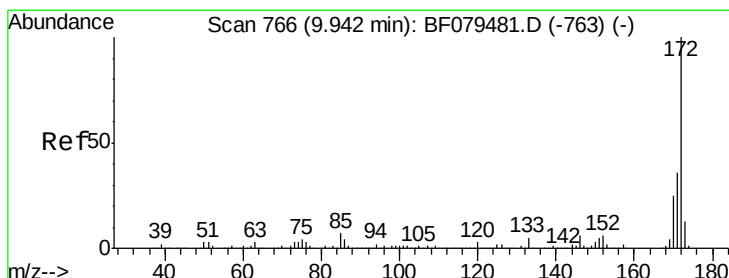
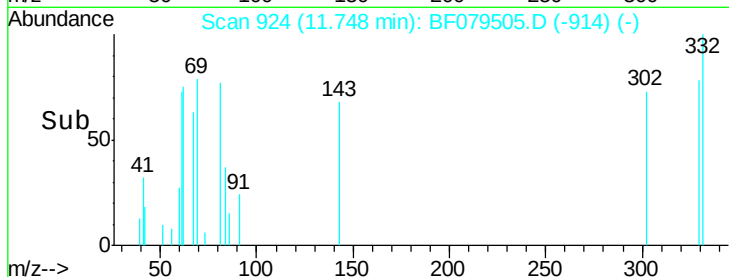
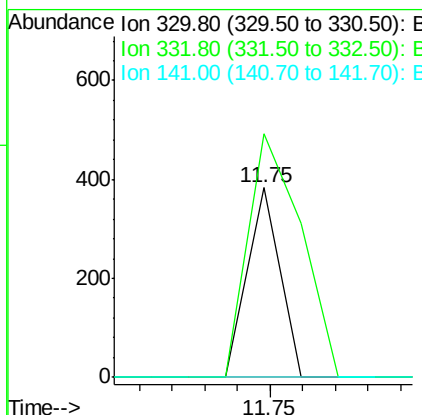
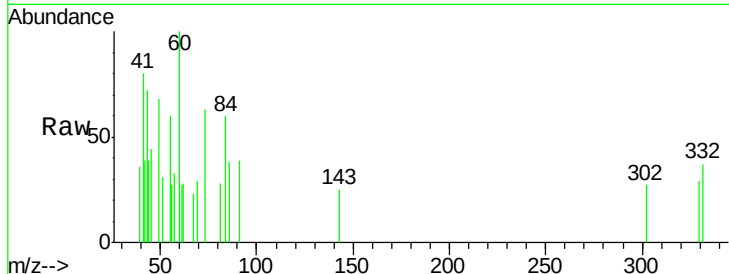
#41
 2,4,6-Tribromophenol
 Concen: 0.14 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079505.D
 Acq: 27 May 2015 6:12

Instrument :
 BNA_F
 ClientSampleId :
 KY032MW006-150512DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	209.5	0.0	0.0#
141	0.0	0.0	0.0

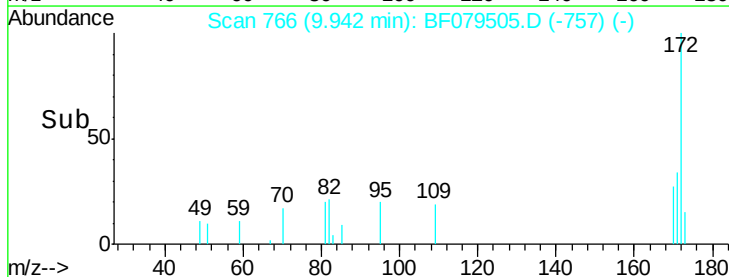
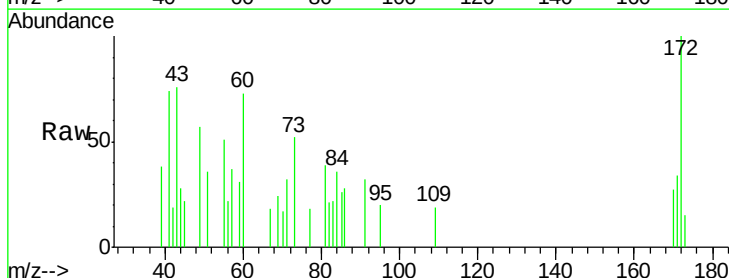
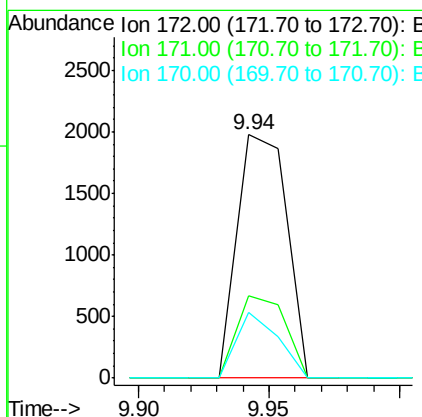
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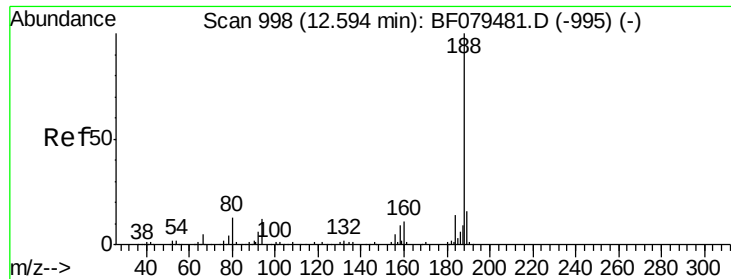
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#44
 2-Fluorobiphenyl
 Concen: 0.22 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079505.D
 Acq: 27 May 2015 6:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	26.9	19.7	29.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF079505.D

Acq: 27 May 2015 6:12

Instrument :

BNA_F

ClientSampleId :

KY032MW006-150512DL

Tot Ion:188 Resp: 332709
Ion Ratio Lower Upper

188 100

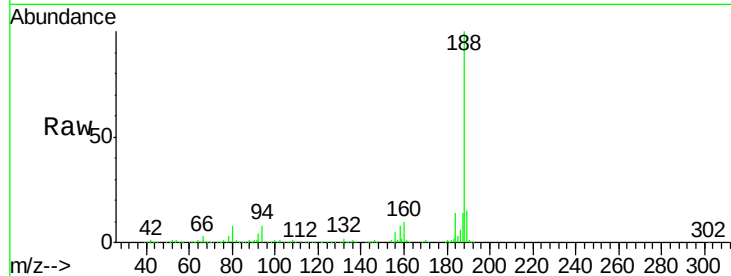
94 8.1 9.8 14.6#

80 8.2 10.5 15.7#

Manual Integrations
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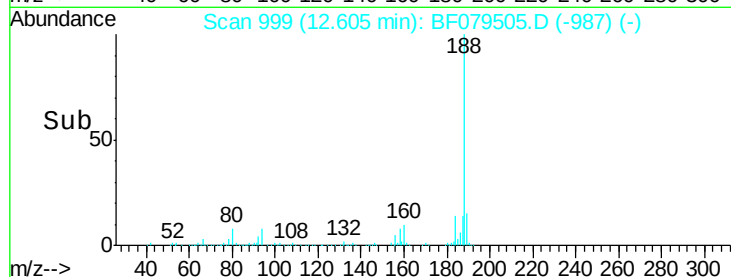
apatel

5/27/2015 4:23:19 PM

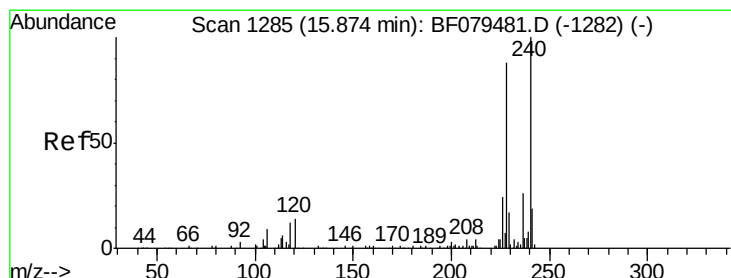


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

12.61



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF079505.D

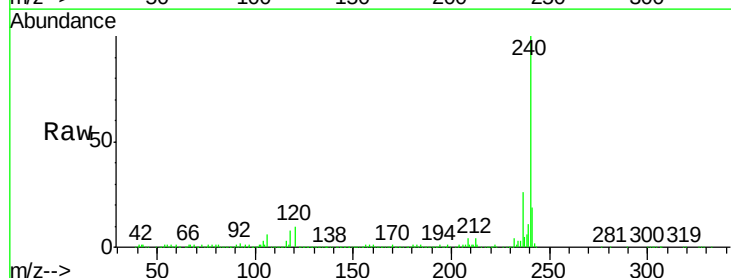
Acq: 27 May 2015 6:12

Tgt Ion:240 Resp: 366773
Ion Ratio Lower Upper

240 100

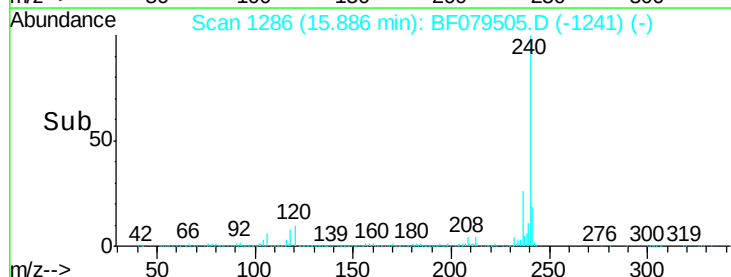
120 9.8 10.8 16.2#

236 26.2 21.0 31.6

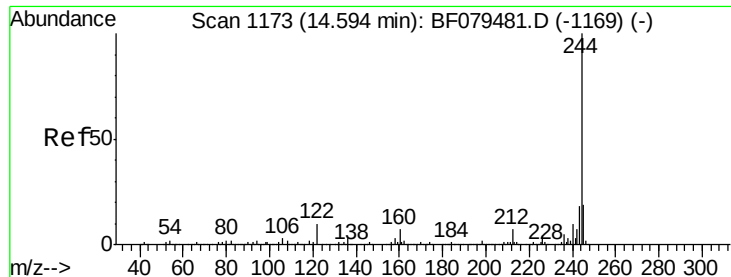


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

15.89



Time-->



#78

Terphenyl-d14

Concen: 0.25 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079505.D

Acq: 27 May 2015 6:12

Instrument :

BNA_F

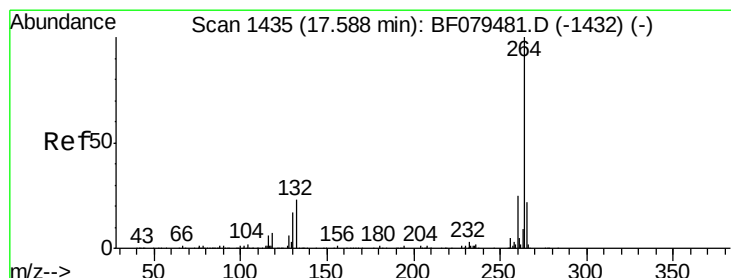
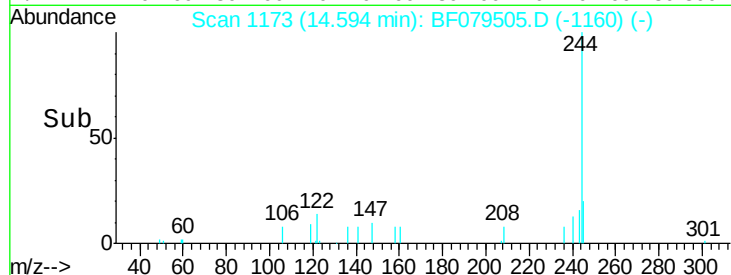
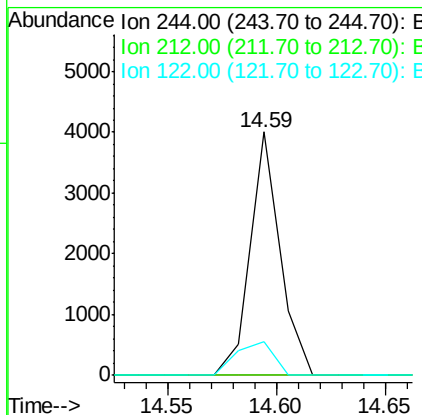
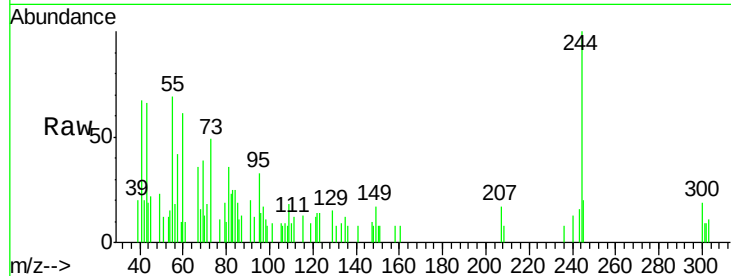
ClientSampleId :

KY032MW006-150512DL

Tot Ion:	244	Resp:	3830
Ion Ratio	Lower	Upper	
244	100		
212	0.0	5.2	7.8#
122	14.0	8.0	12.0#

Manual Integrations
APPROVED

apatel
5/27/2015 4:23:19 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.60 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF079505.D

Acq: 27 May 2015 6:12

Tgt Ion:	264	Resp:	378203
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.8	29.8
265	21.2	17.8	26.6

