

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092937.D
 Acq On : 14 Feb 2017 12:10
 Operator : SJ/MA
 Sample : I1789-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:06:13 AM

Quant Time: Feb 14 17:19:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	146886	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	612667	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	327916	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	475029	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	322277	20.00	ng	-0.02
86) Perylene-d12	15.47	264	278931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	424034	49.53	ng	0.13
7) Phenol-d6	6.61	99	232338m	21.09	ng	0.08
23) Nitrobenzene-d5	7.46	82	1040546	94.58	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	215221	90.75	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1633205	90.23	ng	0.00
78) Terphenyl-d14	13.00	244	1176594	85.78	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	28514	6.16	ng	# 71
32) Benzoic acid	8.02	122	225514	43.07	ng	99
59) Diethylphthalate	10.33	149	241819	11.62	ng	99

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

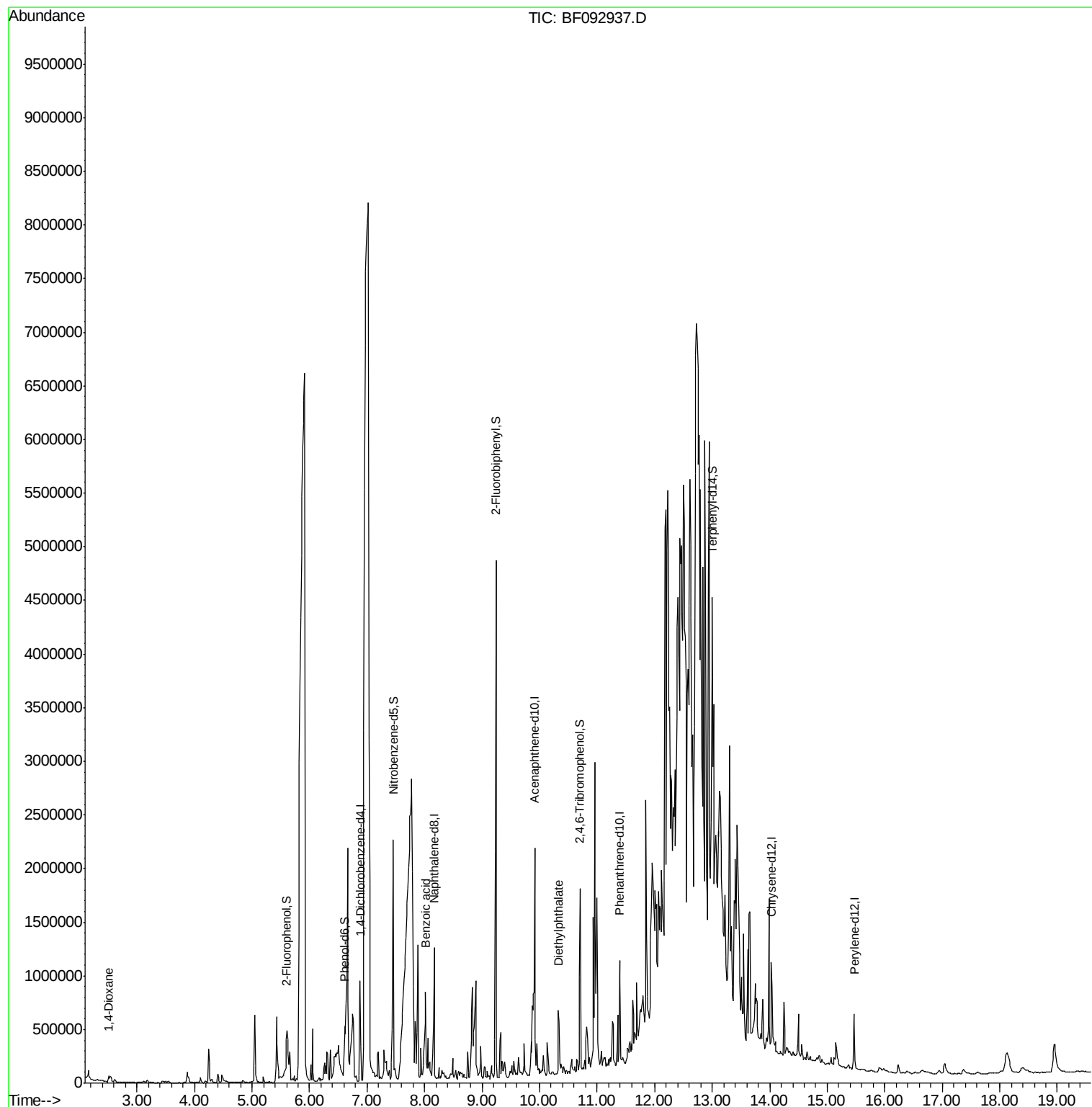
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
Data File : BF092937.D
Acq On : 14 Feb 2017 12:10
Operator : SJ/MA
Sample : I1789-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

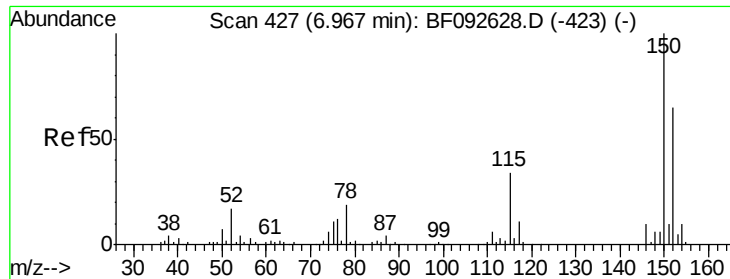
Instrument :
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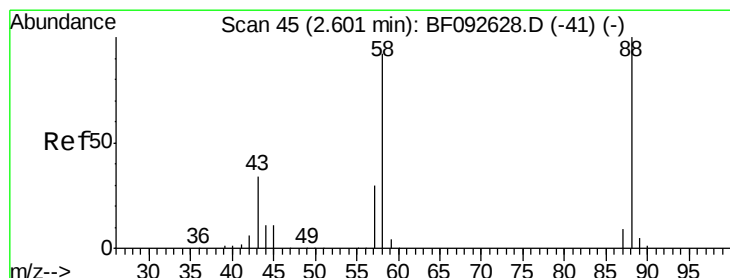
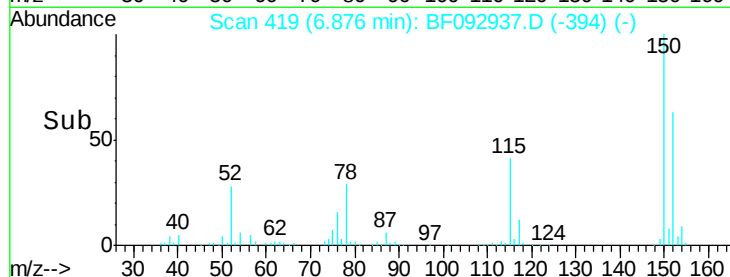
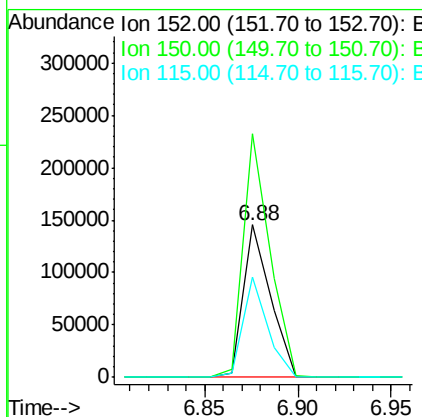
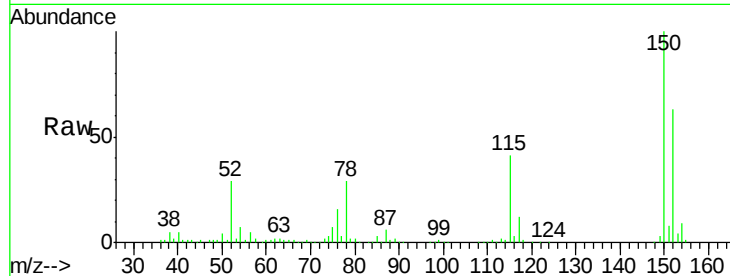
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092937.D
 Acq: 14 Feb 2017 12:10

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	65.8	46.0	69.0

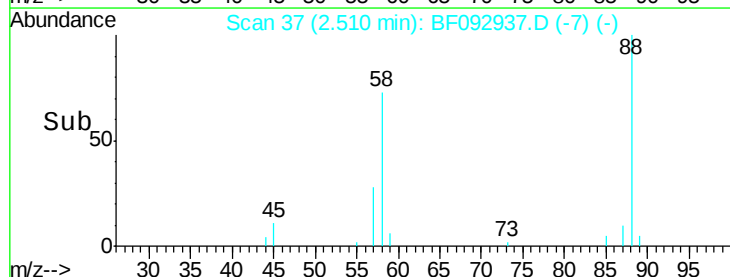
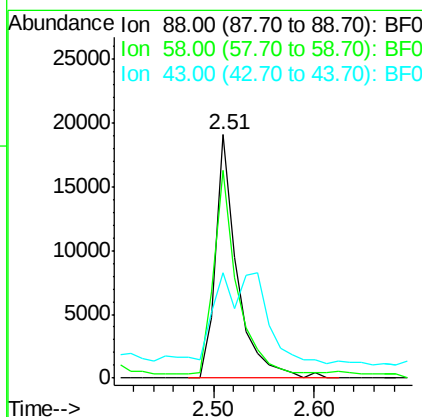
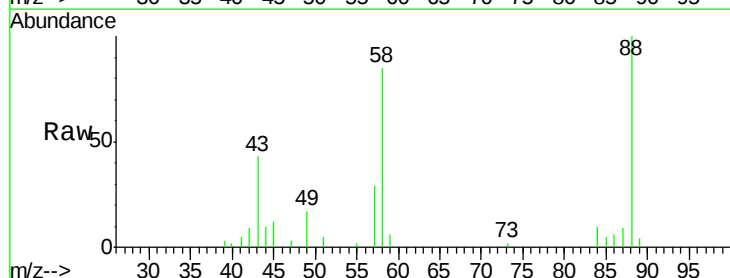
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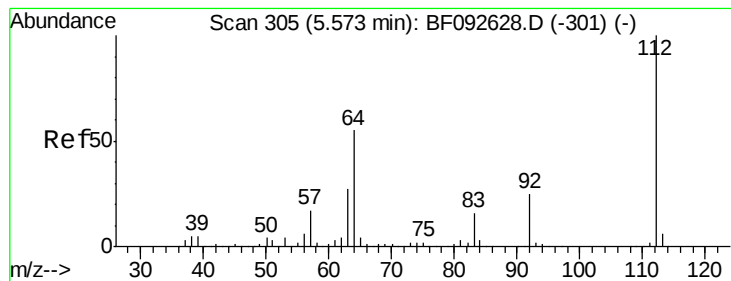
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#2
 1,4-Dioxane
 Concen: 6.16 ng
 RT: 2.51 min Scan# 37
 Delta R.T. 0.05 min
 Lab File: BF092937.D
 Acq: 14 Feb 2017 12:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.0	57.8	86.8#
43	0.0	22.3	33.5#





#5

2-Fluorophenol

Concen: 49.53 ng

RT: 5.61 min Scan# 308

Delta R.T. 0.13 min

Lab File: BF092937.D

Acq: 14 Feb 2017 12:10

Instrument :

BNA_F

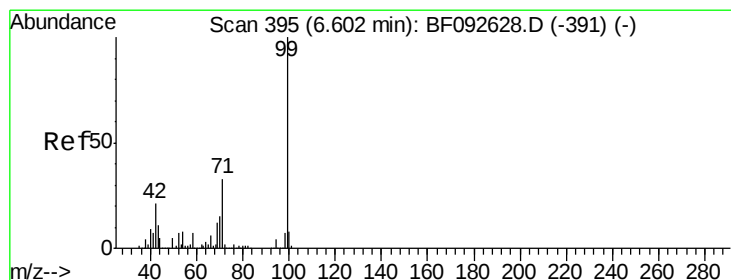
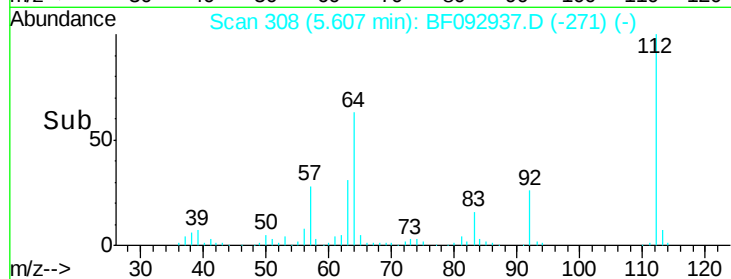
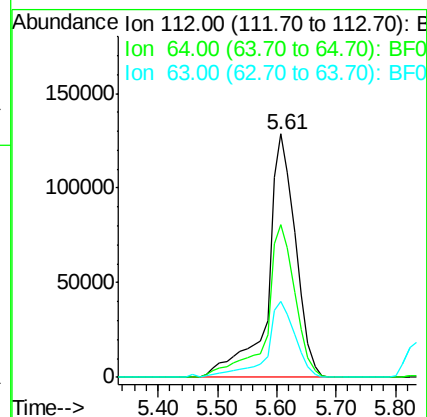
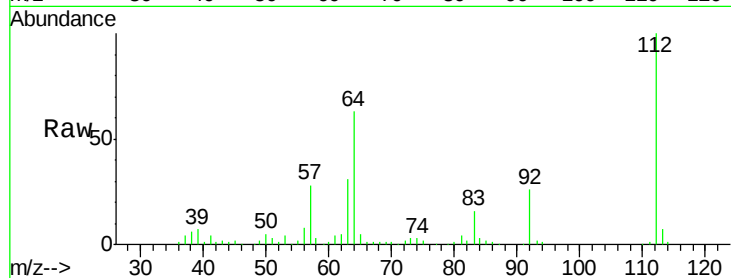
ClientSampleId :

EFF-WW

Tgt Ion:	112	Resp:	424034
Ion Ratio	Lower	Upper	
112	100		
64	62.6	46.1	69.1
63	31.3	23.8	35.6

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#7

Phenol-d6

Concen: 21.09 ng m

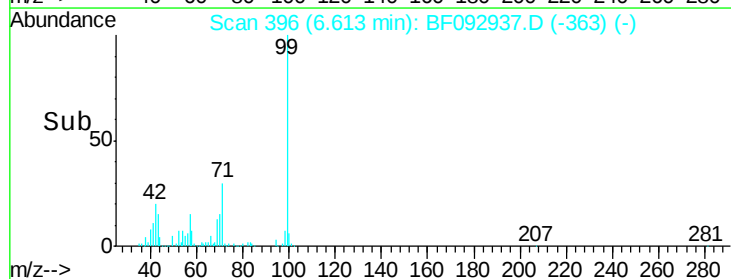
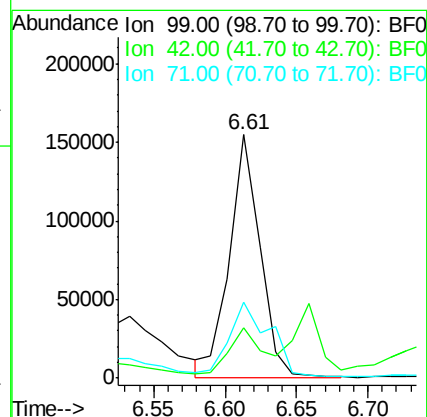
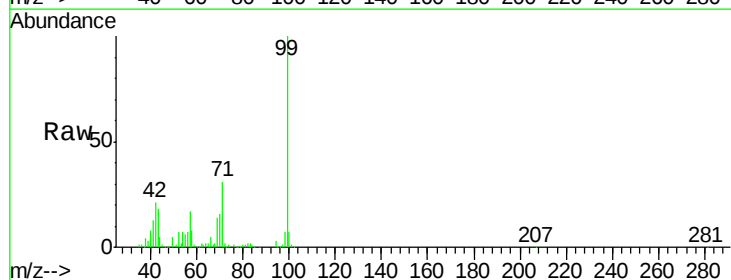
RT: 6.61 min Scan# 396

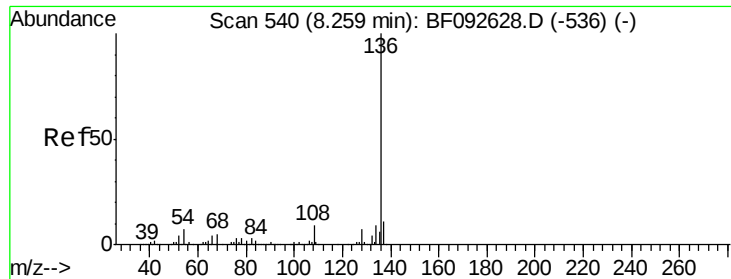
Delta R.T. 0.08 min

Lab File: BF092937.D

Acq: 14 Feb 2017 12:10

Tgt Ion:	99	Resp:	232338
Ion Ratio	Lower	Upper	
99	100		
42	20.8	15.6	23.4
71	31.2	27.5	41.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF092937.D

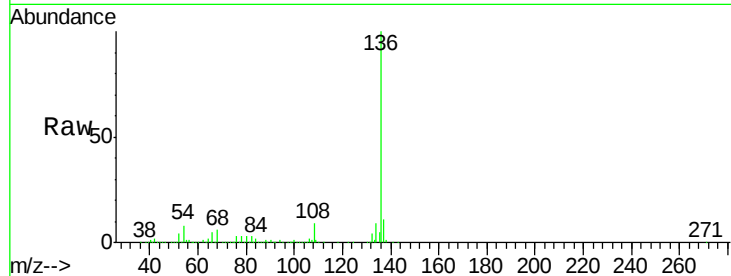
Acq: 14 Feb 2017 12:10

Instrument :

BNA_F

ClientSampleId :

EFF-WW



Tgt Ion: 136 Resp: 612667

Ion Ratio Lower Upper

136 100

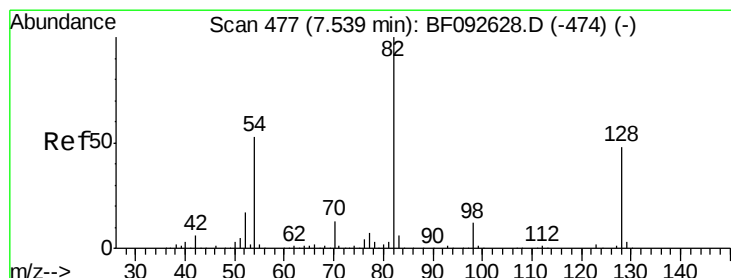
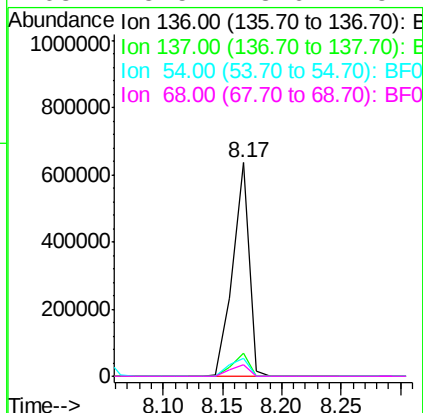
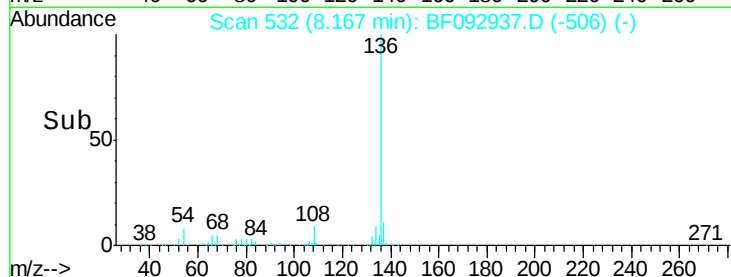
137 10.7 8.4 12.6

54 8.3 4.5 6.7#

68 5.5 3.6 5.4#

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#23

Nitrobenzene-d5

Concen: 94.58 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF092937.D

Acq: 14 Feb 2017 12:10

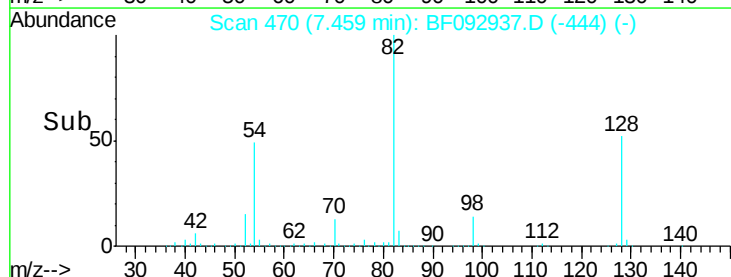
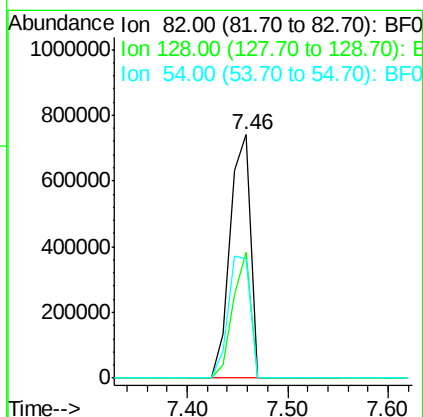
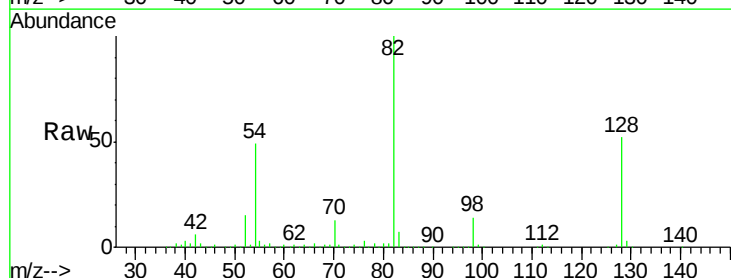
Tgt Ion: 82 Resp: 1040546

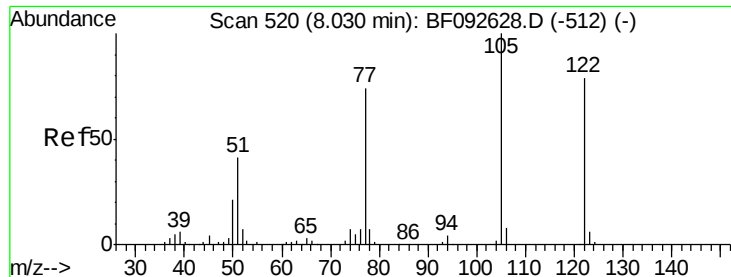
Ion Ratio Lower Upper

82 100

128 51.9 34.6 52.0

54 49.2 39.5 59.3





#32

Benzoic acid

Concen: 43.07 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.05 min

Lab File: BF092937.D

Acq: 14 Feb 2017 12:10

Instrument :

BNA_F

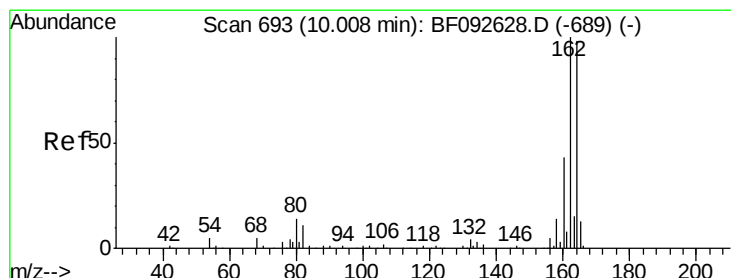
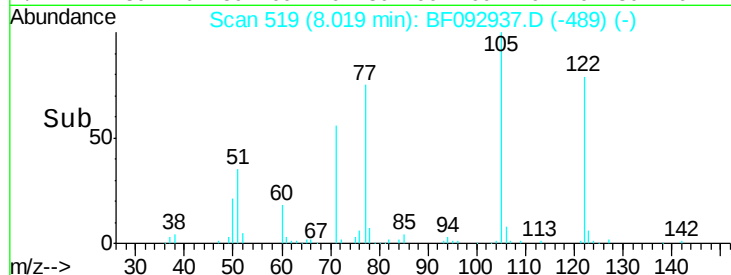
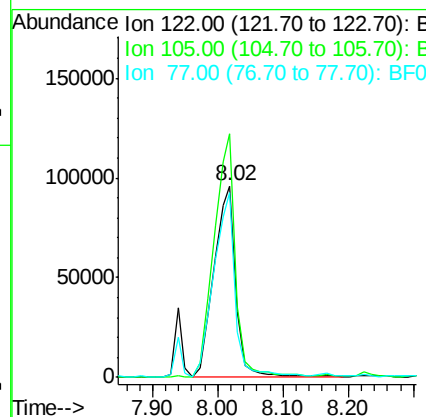
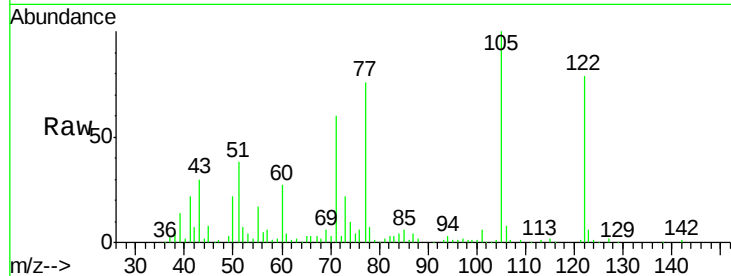
ClientSampleId :

EFF-WW

Tgt Ion:	122	Resp:	225514
Ion Ratio	Lower	Upper	
122	100		
105	127.1	107.2	147.2
77	96.3	74.5	114.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

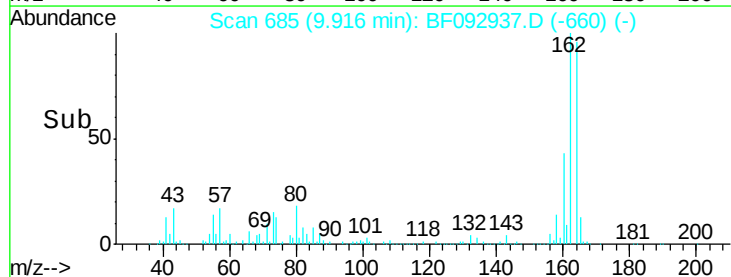
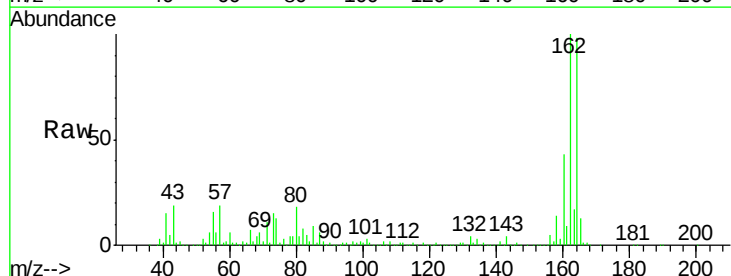
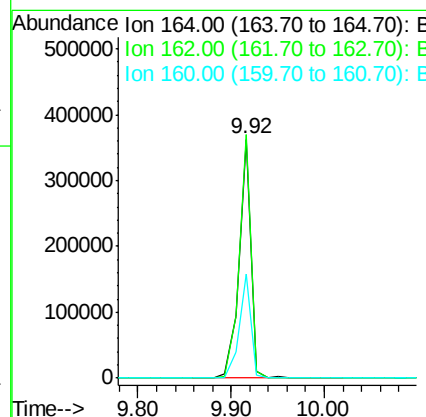
RT: 9.92 min Scan# 685

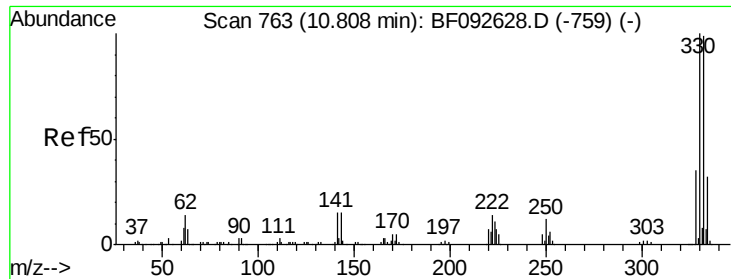
Delta R.T. -0.01 min

Lab File: BF092937.D

Acq: 14 Feb 2017 12:10

Tgt Ion:	164	Resp:	327916
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.2	120.2
160	43.4	36.9	55.3





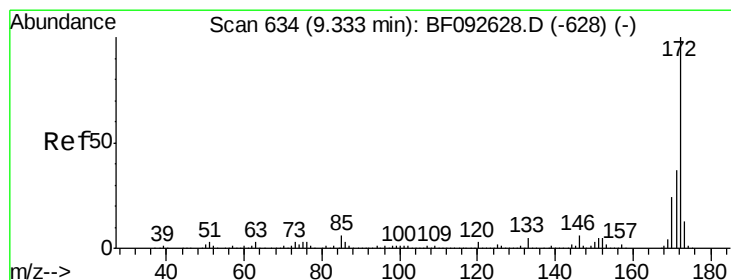
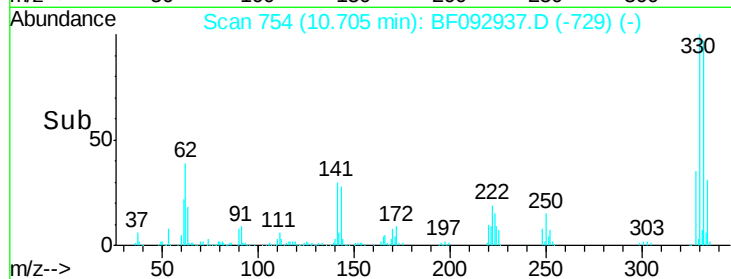
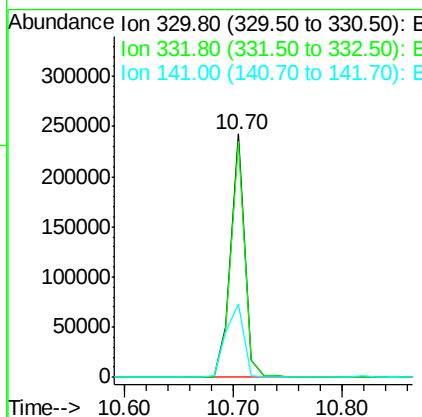
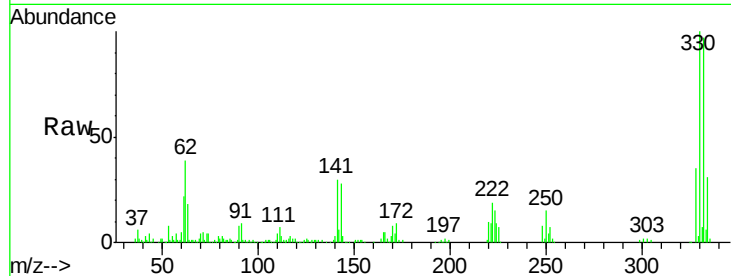
#41
 2,4,6-Tribromophenol
 Concen: 90.75 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092937.D
 Acq: 14 Feb 2017 12:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	215221		
332	97.0	77.4	116.2	
141	40.4	34.1	51.1	

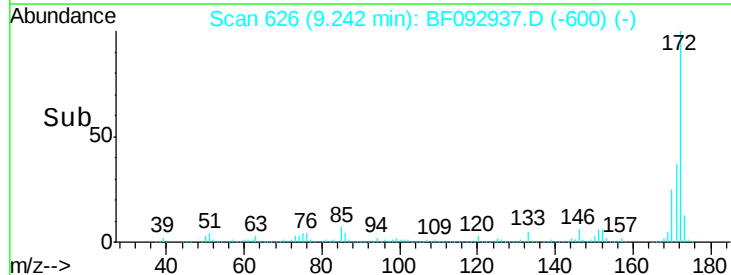
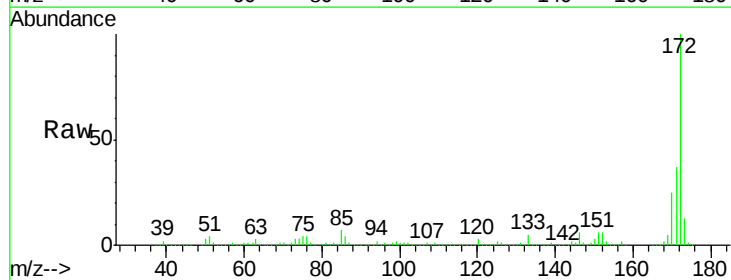
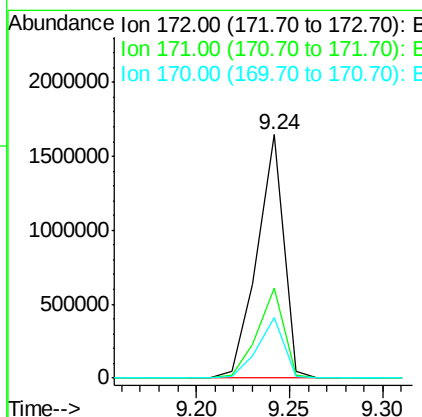
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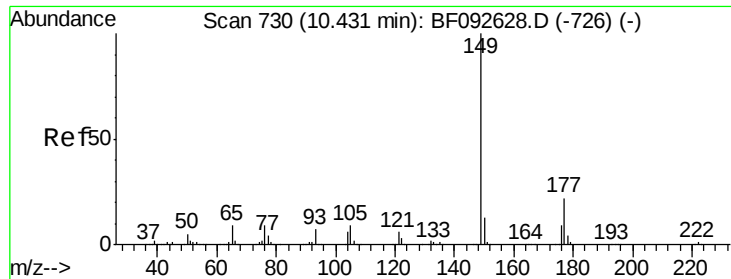
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#44
 2-Fluorobiphenyl
 Concen: 90.23 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092937.D
 Acq: 14 Feb 2017 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1633205		
171	36.8	29.4	44.0	
170	24.9	20.2	30.4	





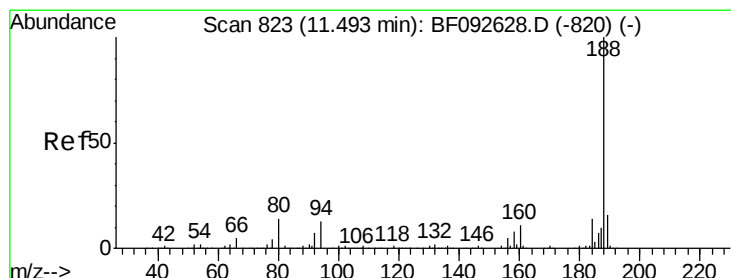
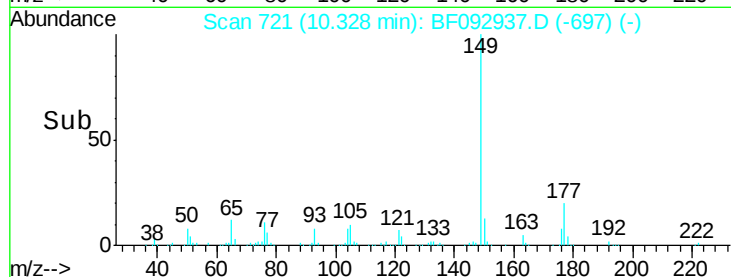
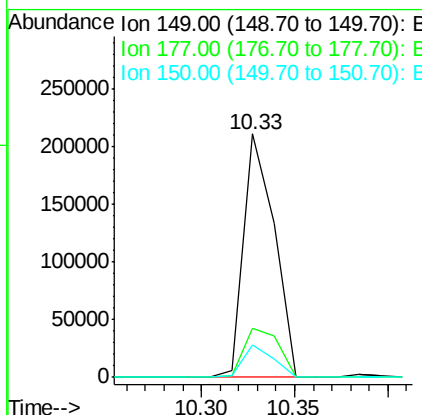
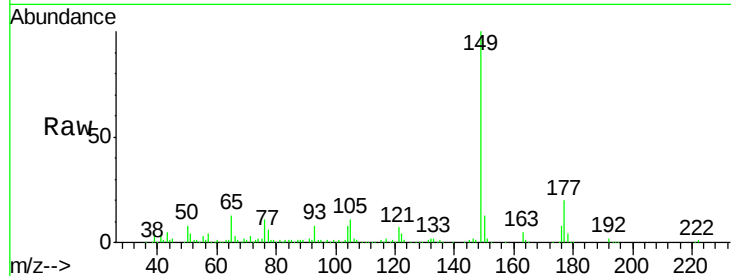
#59
Diethylphthalate
Concen: 11.62 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF092937.D
Acq: 14 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.6	25.0
150	13.2	10.4	15.6

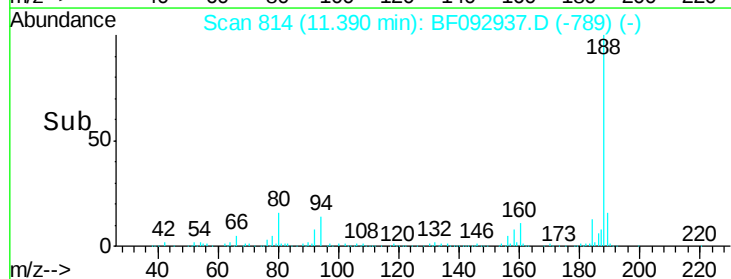
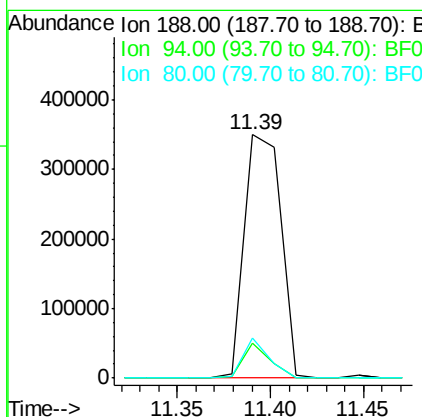
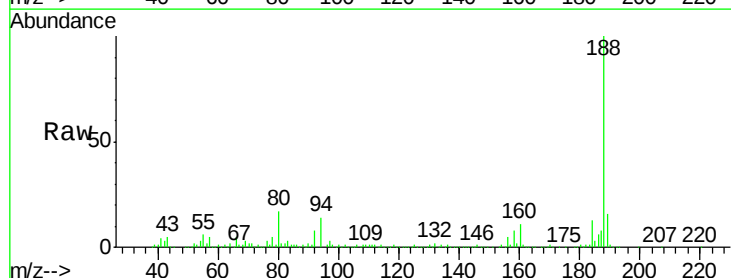
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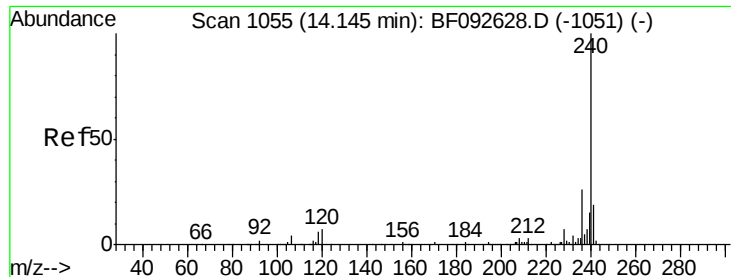
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092937.D
Acq: 14 Feb 2017 12:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.3	10.0	15.0
80	16.5	11.2	16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092937.D

Acq: 14 Feb 2017 12:10

Instrument :

BNA_F

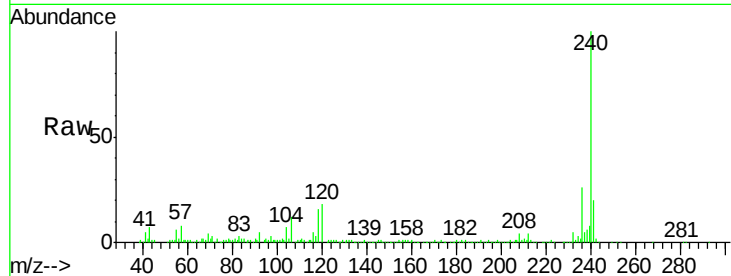
ClientSampleId :

EFF-WW

Tgt Ion:	240	Resp:	322277
Ion Ratio	Lower	Upper	
240	100		
120	17.8	12.9	19.3
236	25.9	20.9	31.3

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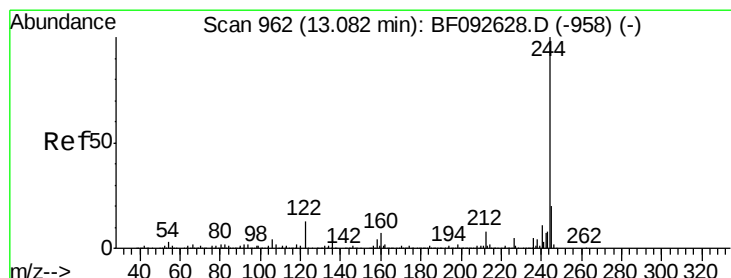
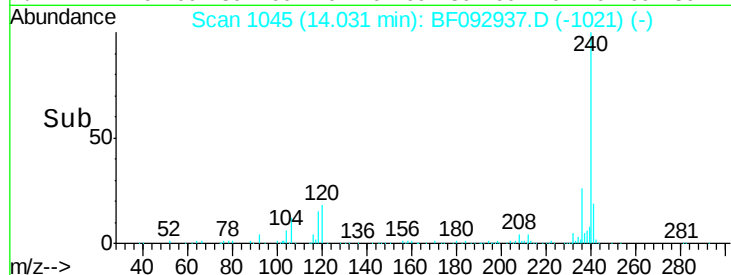
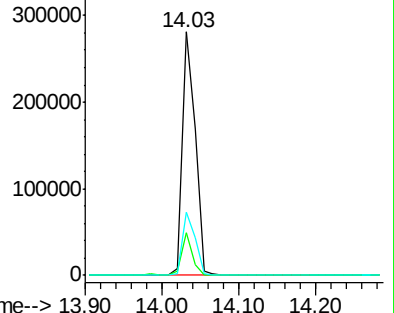
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 85.78 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF092937.D

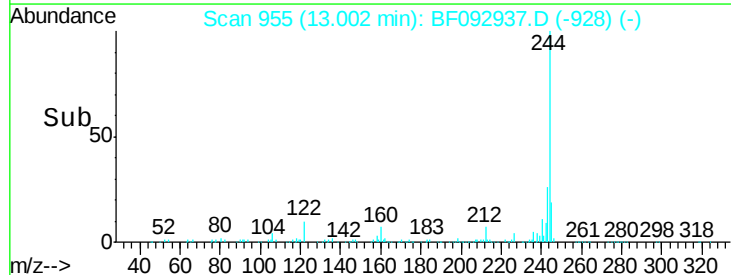
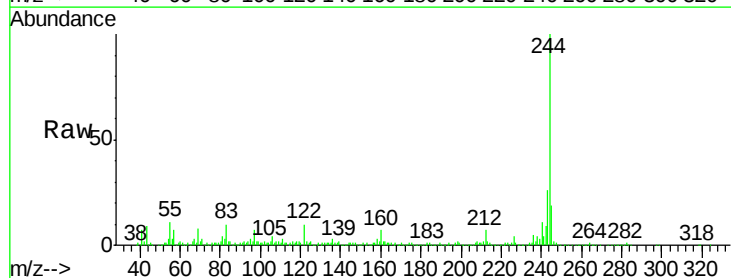
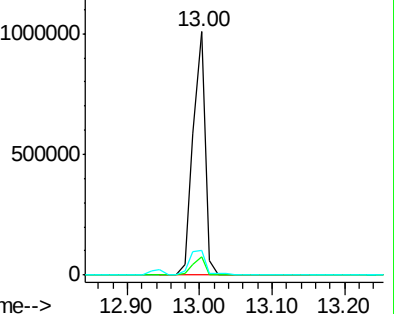
Acq: 14 Feb 2017 12:10

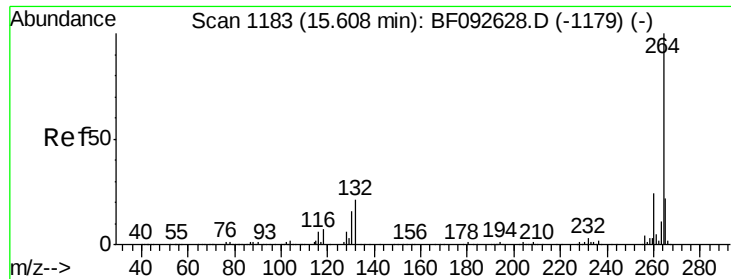
Tgt Ion:	244	Resp:	1176594
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.2	9.2
122	10.4	11.4	17.2#

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: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092937.D
Acq: 14 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.4	26.0

Manual Integrations
APPROVED

mohammad
2/15/2017 9:06:13 AM

