

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093028.D
 Acq On : 17 Feb 2017 23:21
 Operator : SJ/MA
 Sample : I1868-01RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-AB-COMPRES

Manual Integrations
 APPROVED

mohammad
 2/20/2017 1:00:22 PM

Quant Time: Feb 18 00:23:15 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132474	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	489996	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224338	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	224357	20.00	ng	0.02
75) Chrysene-d12	14.11	240	52841m	20.00	ng	0.09
86) Perylene-d12	15.56	264	108342	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	834446	108.07	ng	0.00
7) Phenol-d6	6.51	99	1180246	118.79	ng	0.02
23) Nitrobenzene-d5	7.42	82	555039	63.08	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	161052	99.26	ng	0.02
44) 2-Fluorobiphenyl	9.22	172	983749	79.44	ng	0.00
78) Terphenyl-d14	13.04	244	240320	106.86	ng	0.07
Target Compounds						
10) Phenol	6.52	94	31249	2.69	ng	# 77
22) Acetophenone	7.28	105	78050	6.98	ng	# 89
32) Benzoic acid	7.90	122	13887	9.93	ng	93
49) Dimethylphthalate	9.62	163	172697	11.43	ng	100

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

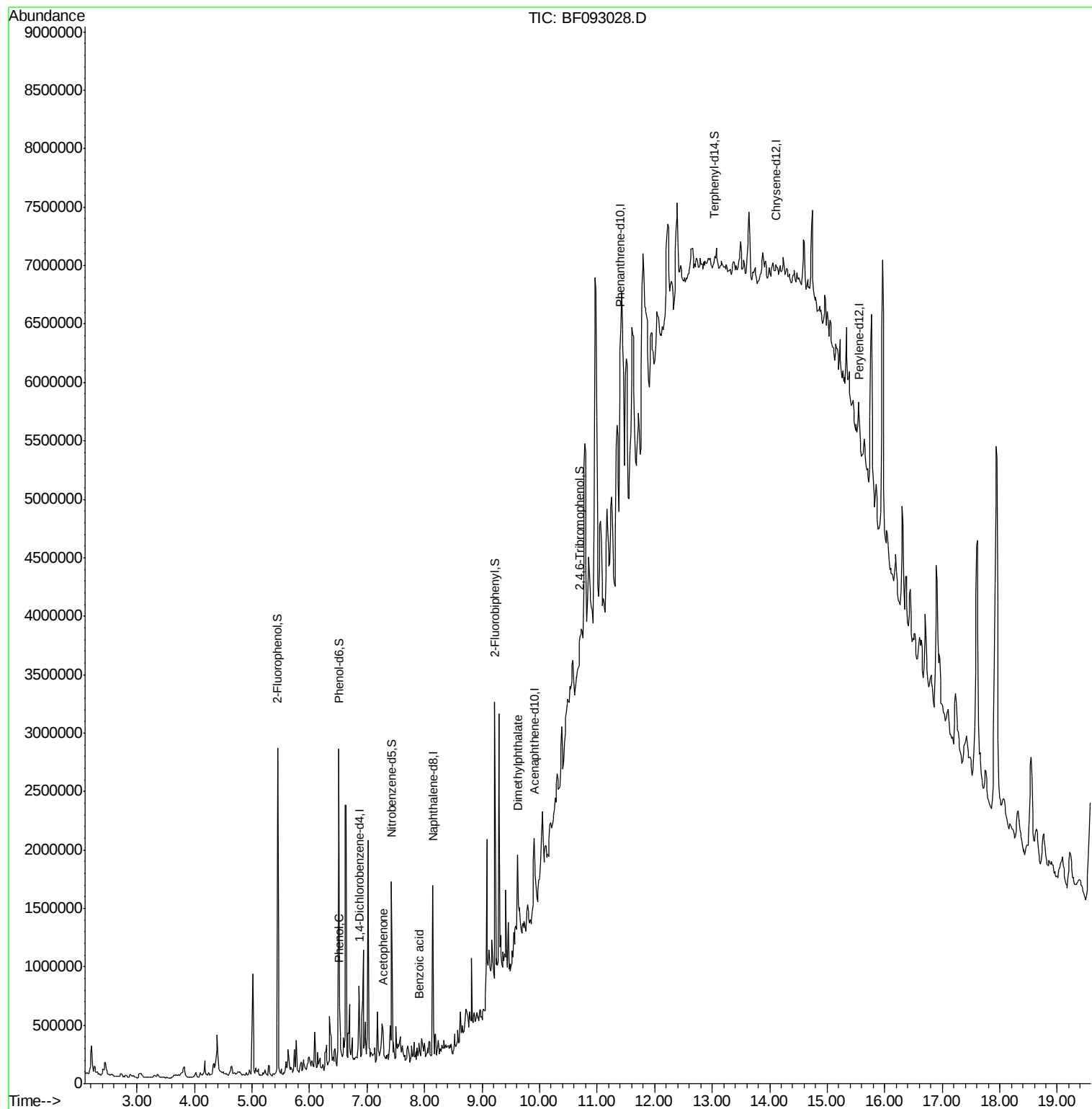
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093028.D
Acq On : 17 Feb 2017 23:21
Operator : SJ/MA
Sample : I1868-01RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

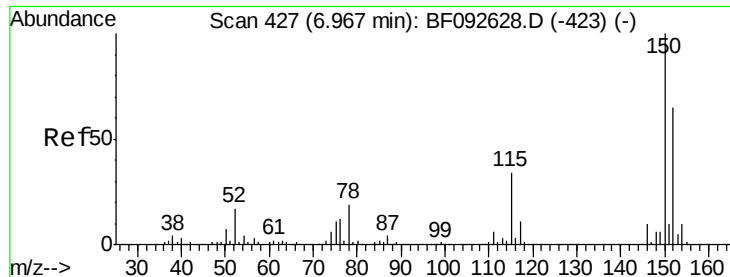
Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Manual Integrations
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Quant Time: Feb 18 00:23:15 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

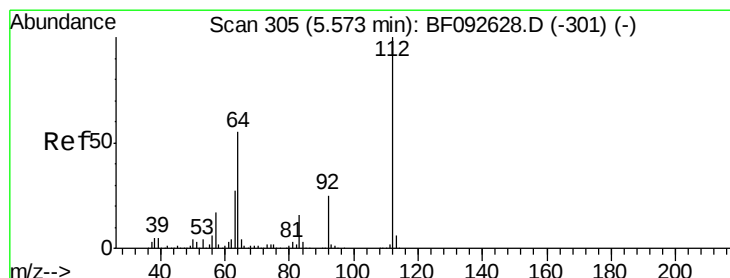
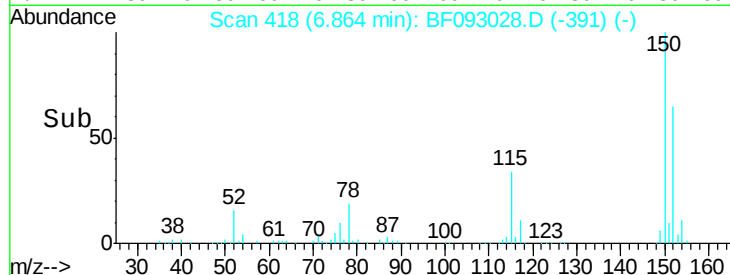
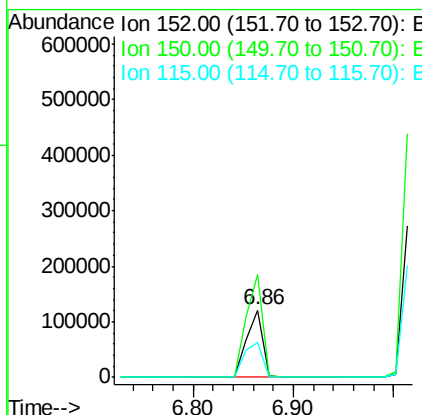
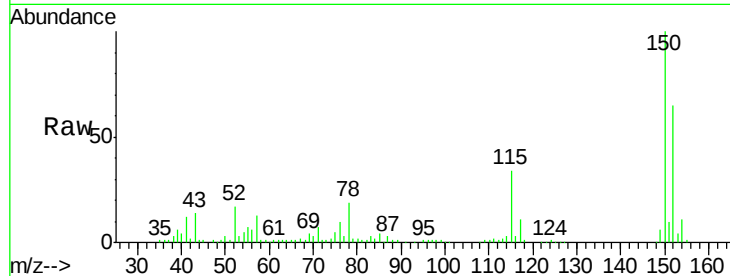
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	52.0	46.0	69.0

Manual Integrations
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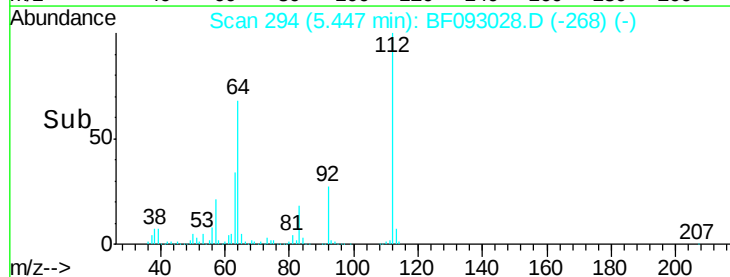
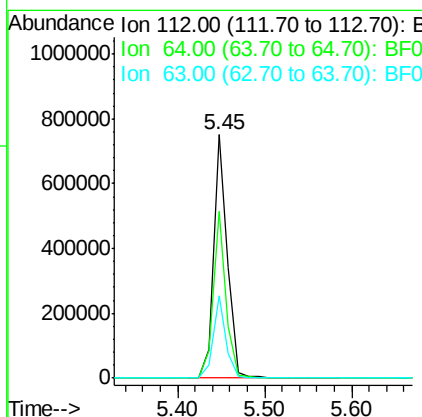
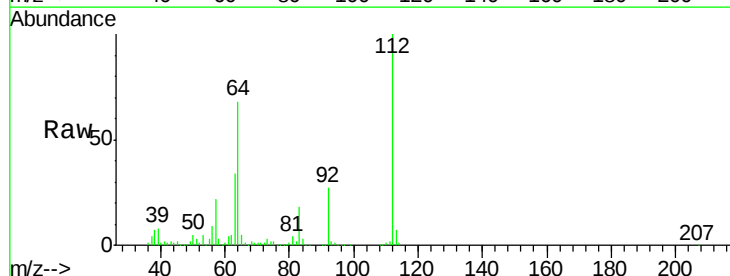
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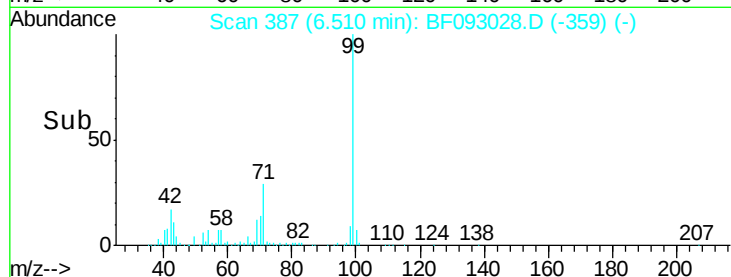
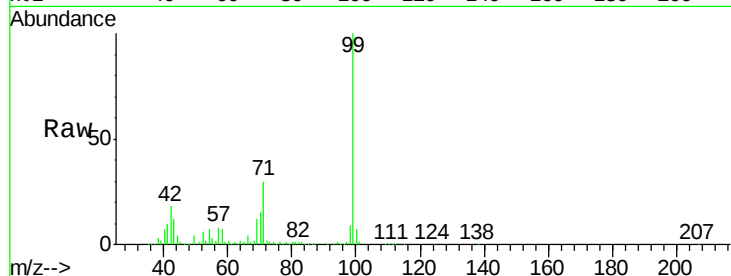
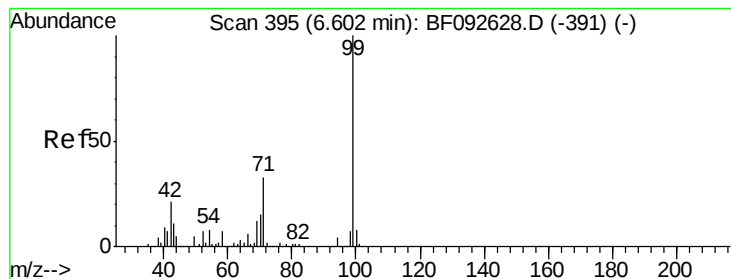


#5

2-Fluorophenol
Concen: 108.07 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	33.8	23.8	35.6





#7

Phenol-d6

Concen: 118.79 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Tgt Ion: 99 Resp: 1180246

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

71 29.7 27.5 41.3

Instrument :

BNA_F

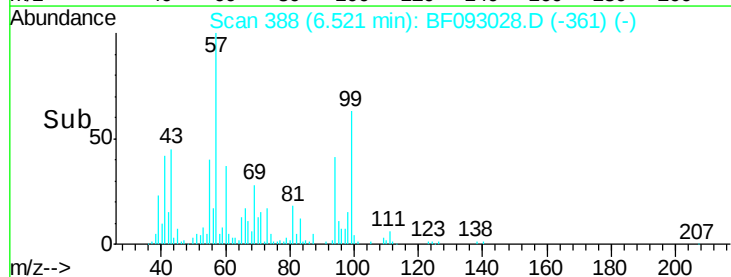
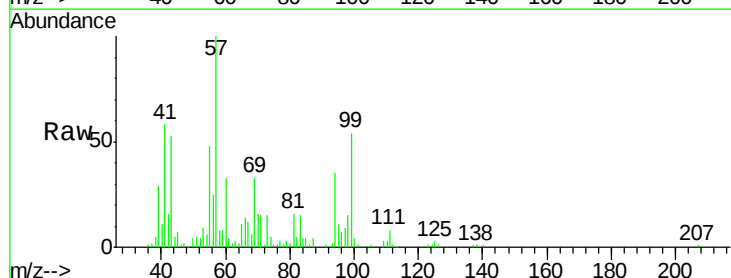
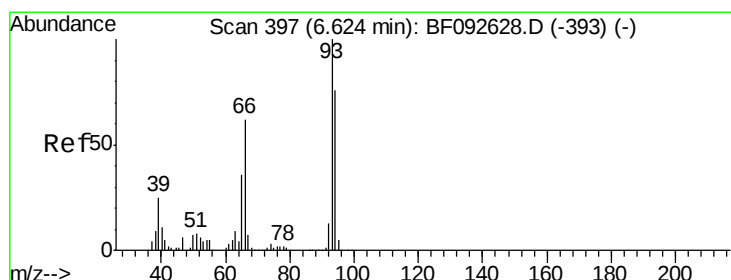
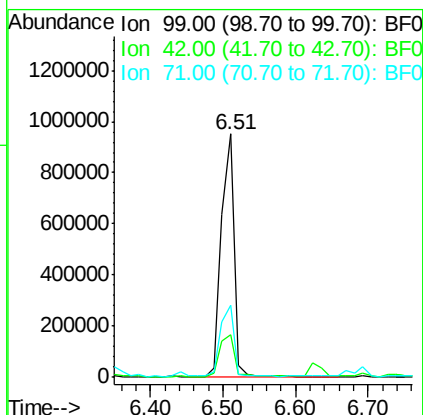
ClientSampleId :

DRUM-AB-COMPRE

Manual Integrations

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#10

Phenol

Concen: 2.69 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

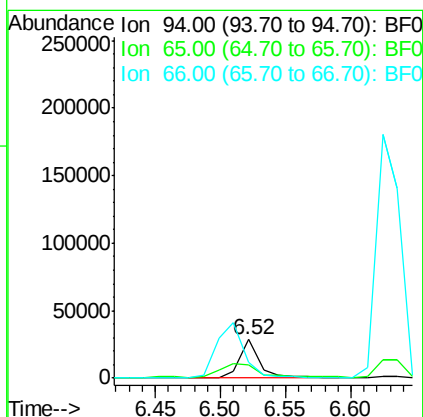
Tgt Ion: 94 Resp: 31249

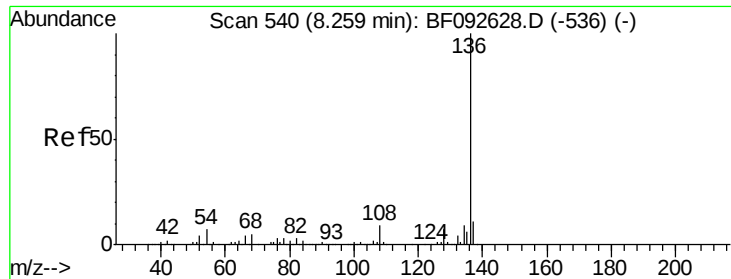
Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

66 41.2 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

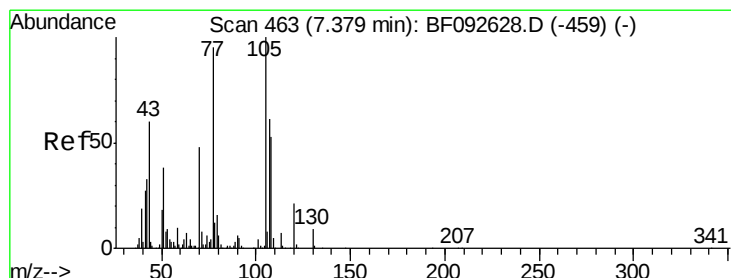
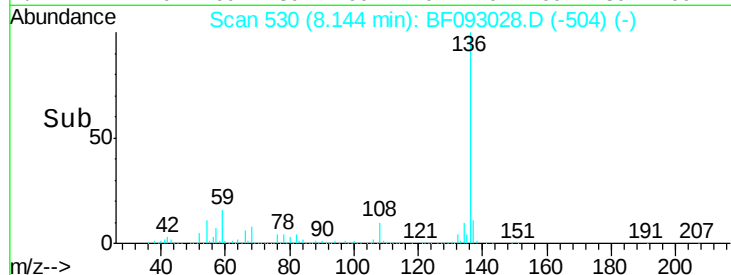
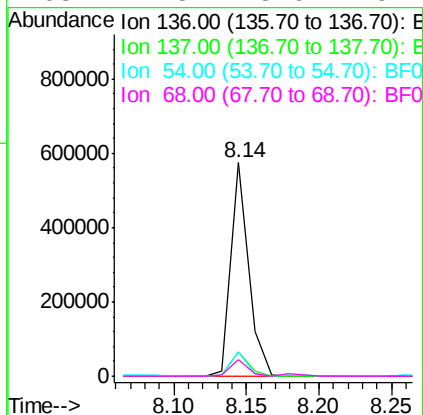
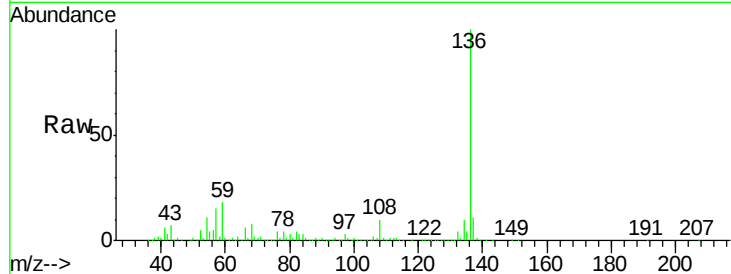
ClientSampleId :

DRUM-AB-COMPRES

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		489996		
137	11.2	8.4	12.6		
54	11.4	4.5	6.7#		
68	7.8	3.6	5.4#		

Manual Integrations
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#22

Acetophenone

Concen: 6.98 ng

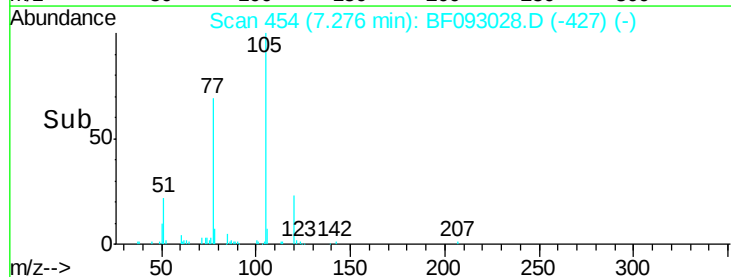
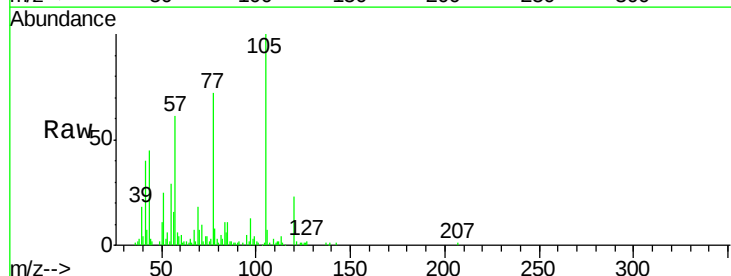
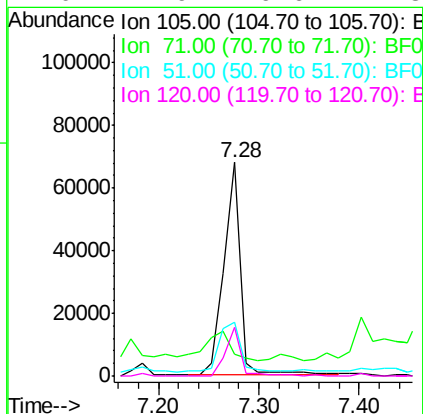
RT: 7.28 min Scan# 454

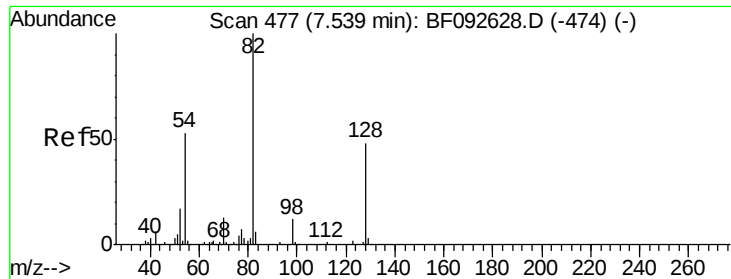
Delta R.T. 0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		78050		
71	10.4	3.2	4.8#		
51	25.1	26.2	39.4#		
120	22.9	16.6	24.8		





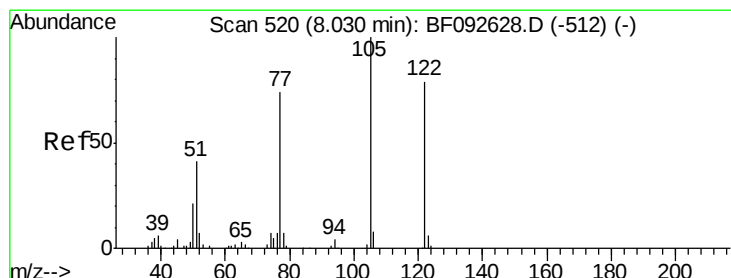
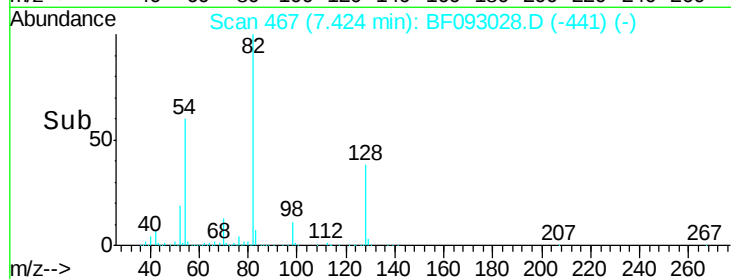
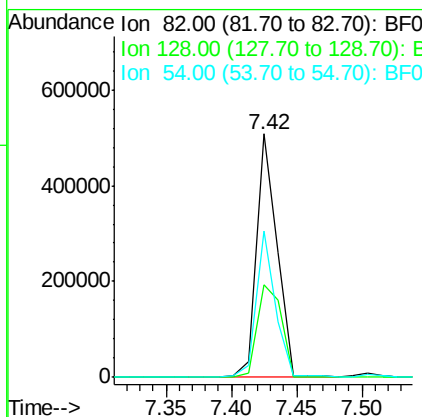
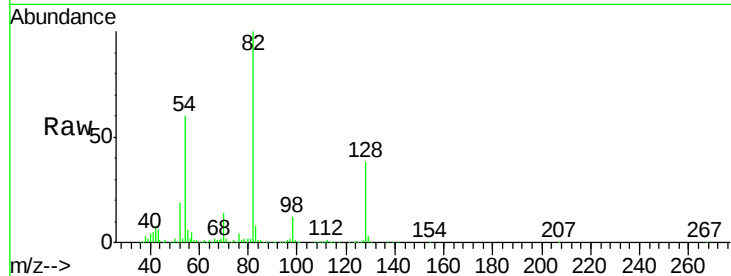
#23
 Nitrobenzene-d5
 Concen: 63.08 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093028.D
 Acq: 17 Feb 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-AB-COMPRES

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.6	52.0
54	60.2	39.5	59.3

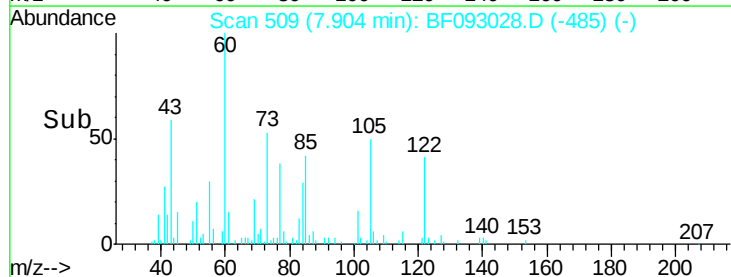
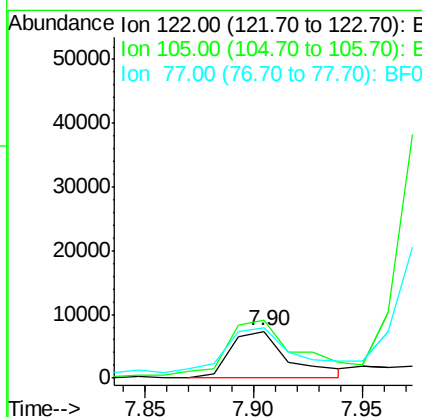
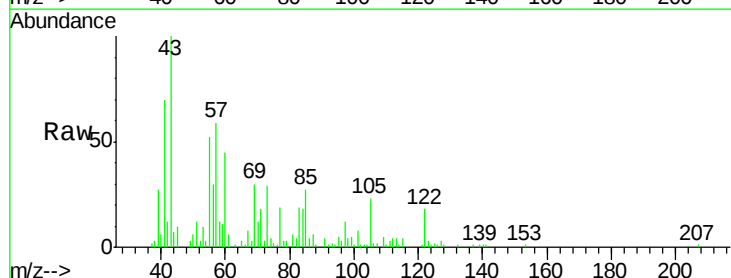
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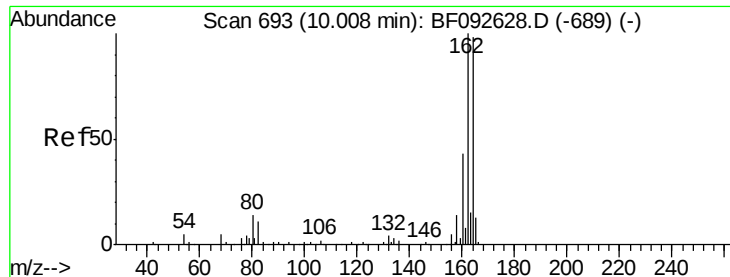
mohammad
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#32
 Benzoic acid
 Concen: 9.93 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF093028.D
 Acq: 17 Feb 2017 23:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	107.2	147.2
77	108.3	74.5	114.5





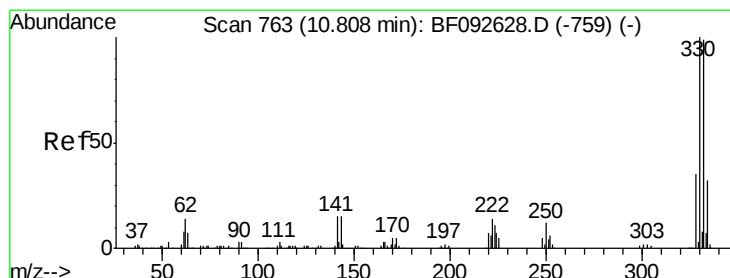
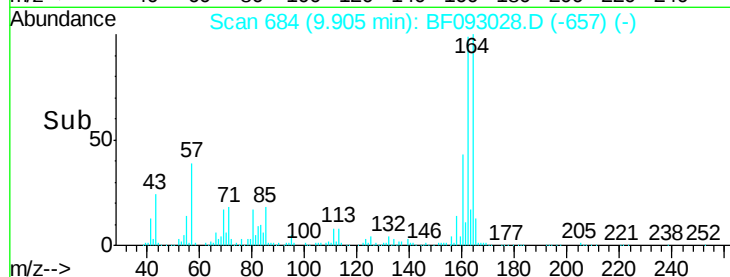
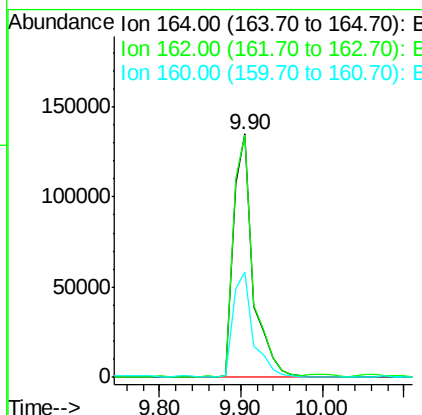
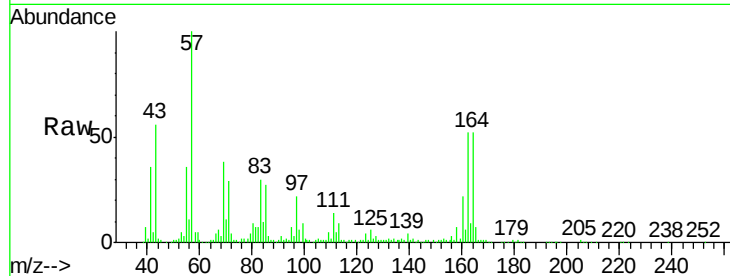
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224338		
162	99.4	80.2	120.2	
160	43.1	36.9	55.3	

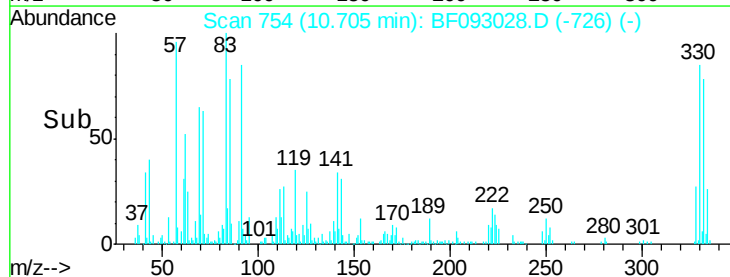
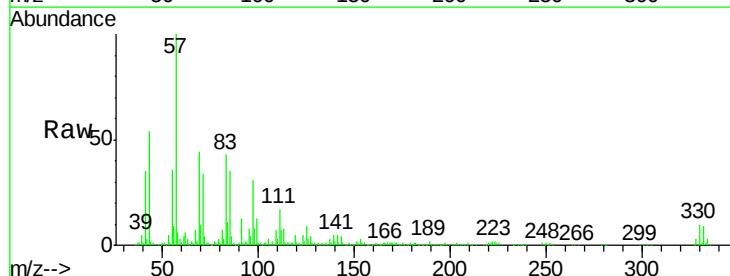
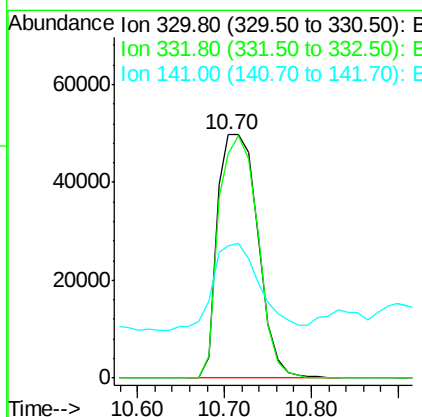
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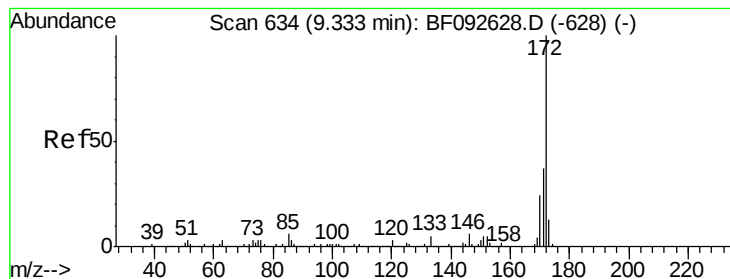
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#41
2,4,6-Tribromophenol
Concen: 99.26 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	161052		
332	96.2	77.4	116.2	
141	41.3	34.1	51.1	





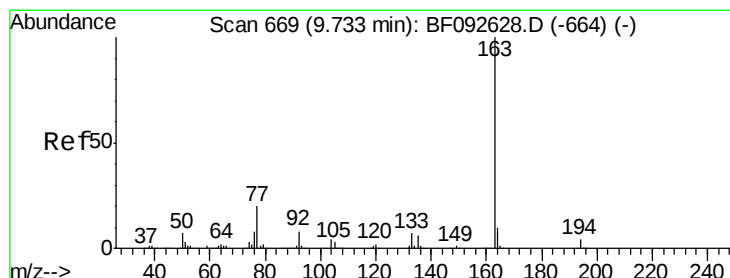
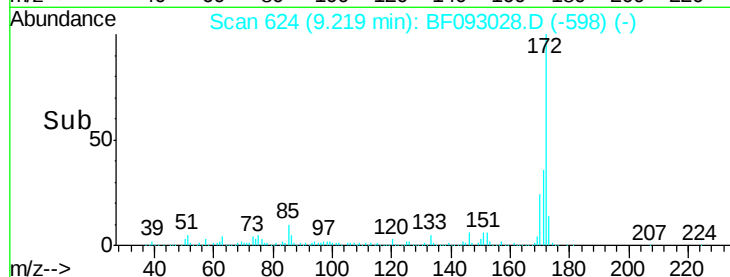
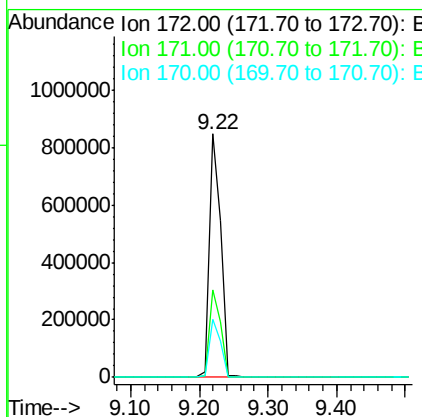
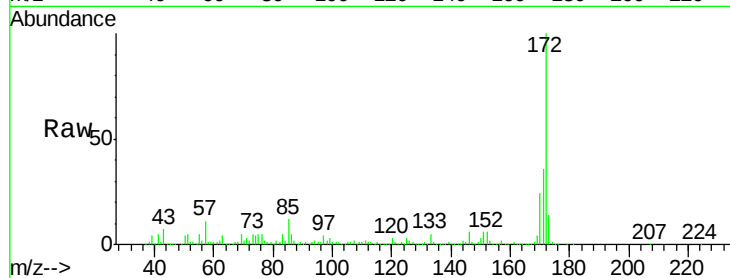
#44
 2-Fluorobiphenyl
 Concen: 79.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093028.D
 Acq: 17 Feb 2017 23:21

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-AB-COMP

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.8	20.2	30.4

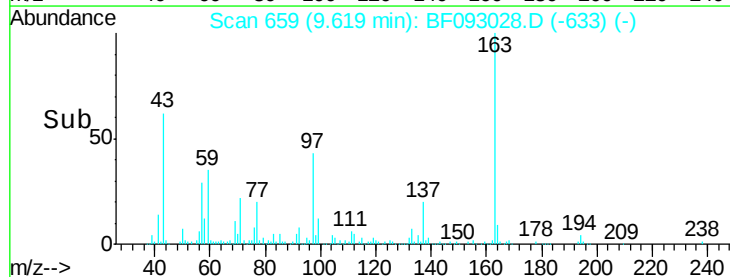
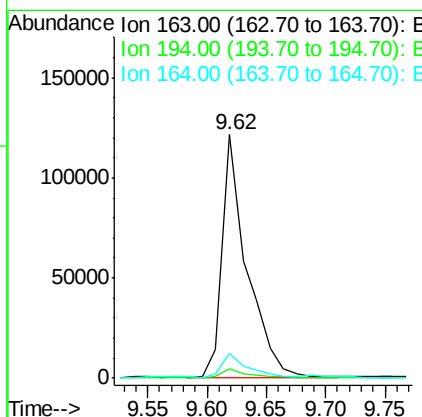
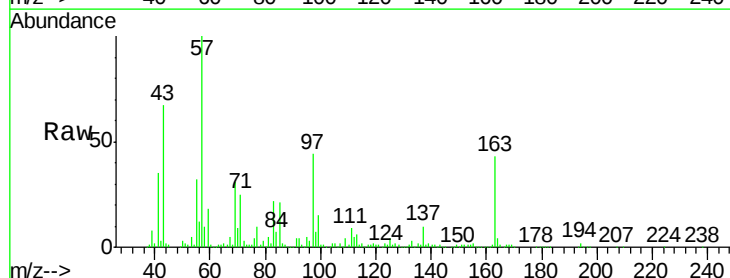
Manual Integrations
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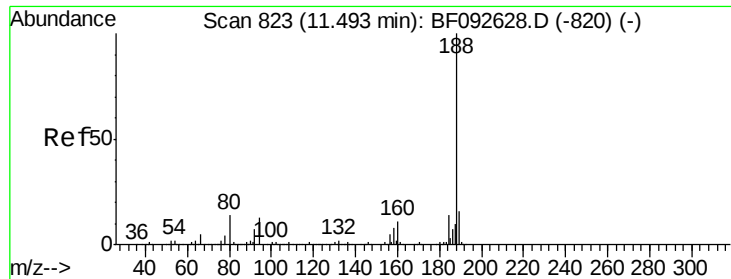
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#49
 Dimethylphthalate
 Concen: 11.43 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF093028.D
 Acq: 17 Feb 2017 23:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.1	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

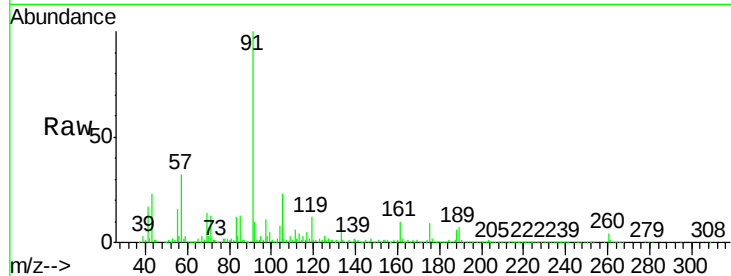
ClientSampleId :

DRUM-AB-COMPRE

Tgt Ion:	188	Resp:	224357
Ion Ratio	Lower	Upper	
188	100		
94	12.4	10.0	15.0
80	13.9	11.2	16.8

Manual Integrations
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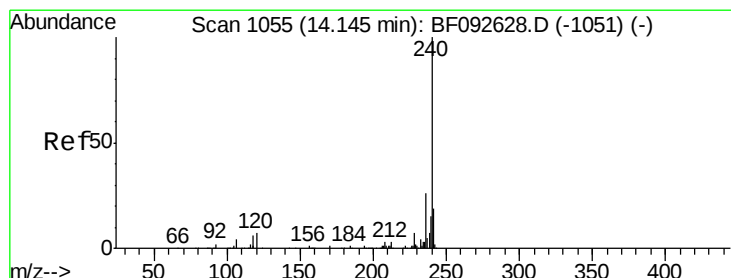
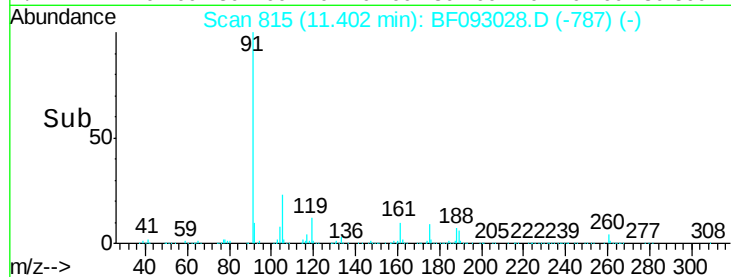
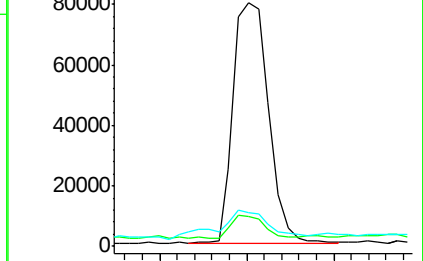
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng m

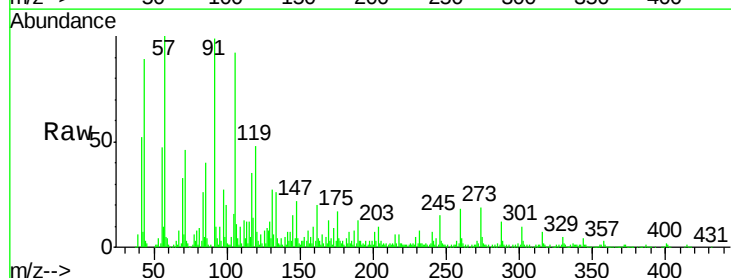
RT: 14.11 min Scan# 1052

Delta R.T. 0.09 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

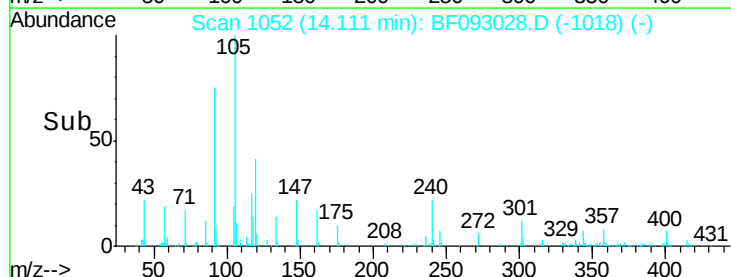
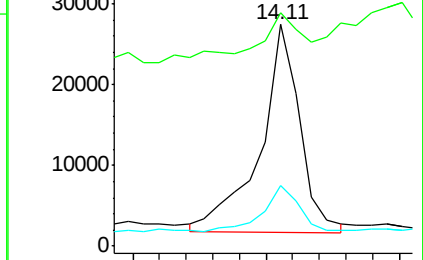
Tgt Ion:	240	Resp:	52841
Ion Ratio	Lower	Upper	
240	100		
120	105.2	12.9	19.3#
236	27.1	20.9	31.3

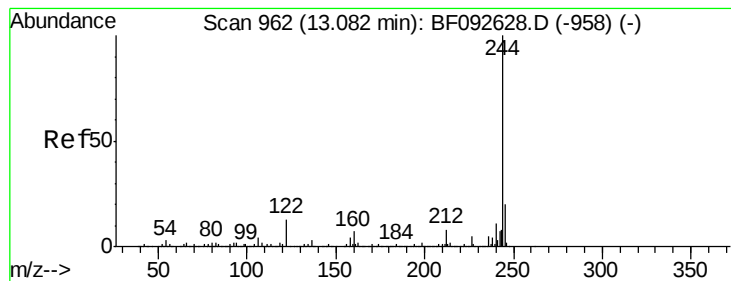


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.86 ng

RT: 13.04 min Scan# 958

Delta R.T. 0.07 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

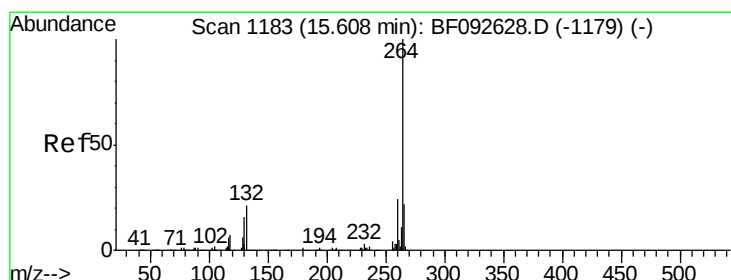
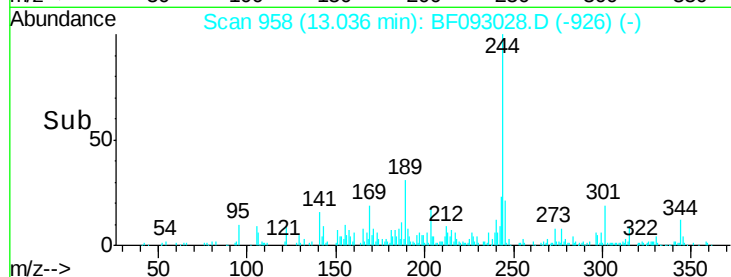
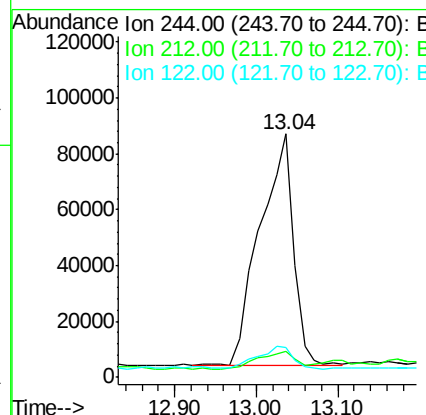
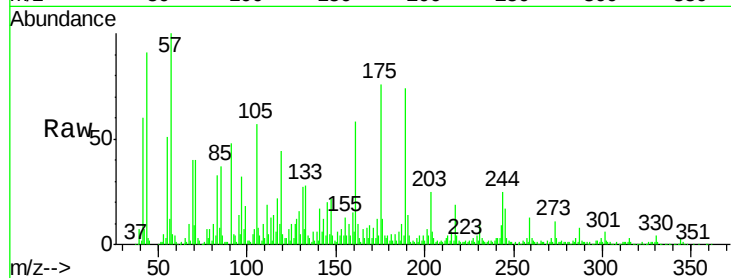
ClientSampleId :

DRUM-AB-COMPRE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.9	6.2	9.2#
122	12.5	11.4	17.2

Manual Integrations
APPROVED

mohammad
2/20/2017 1:00:22 PM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. 0.11 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	25.6	17.4	26.0

