

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092636.D
 Acq On : 30 Jan 2017 16:22
 Operator : SJ/MA
 Sample : I1305-25DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Manual Integrations
 APPROVED

mohammad
 1/31/2017 4:44:50 PM

Quant Time: Jan 30 16:50:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	165712	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	695375	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	367021	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	626883	20.00	ng	0.00
75) Chrysene-d12	14.13	240	503221	20.00	ng	-0.01
86) Perylene-d12	15.61	264	451407	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	292391	30.27	ng	-0.01
7) Phenol-d6	6.59	99	373844	30.08	ng	-0.01
23) Nitrobenzene-d5	7.53	82	232012	18.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	72819	27.43	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	449118	22.17	ng	0.00
78) Terphenyl-d14	13.08	244	446076	20.83	ng	0.00

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.32	42	208581	33.47	ng	83
11) bis(2-Chloroethyl)ether	6.69	93	233717	20.14	ng	97
12) 1,3-Dichlorobenzene	6.90	146	70102m	5.62	ng	
13) 1,4-Dichlorobenzene	6.98	146	209019	16.55	ng	95
14) 1,2-Dichlorobenzene	7.13	146	332405	27.52	ng	96
18) Hexachloroethane	7.48	117	101104	23.45	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	261226	33.02	ng	96
24) Nitrobenzene	7.54	77	70087	5.47	ng	96
25) Isophorone	7.78	82	551318	23.69	ng	# 94
28) bis(2-Chloroethoxy)methane	8.00	93	134289	8.71	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	175787	16.34	ng	94
31) Naphthalene	8.27	128	760257	21.57	ng	99
37) 2-Methylnaphthalene	8.97	142	392469	17.34	ng	98
40) Hexachlorocyclopentadiene	9.12	237	70491	15.17	ng	93
46) 2-Chloronaphthalene	9.46	162	434218	20.89	ng	94
48) Acenaphthylene	9.87	152	675481	18.81	ng	99
51) Acenaphthene	10.04	154	542881	25.28	ng	97
56) 2,4-Dinitrotoluene	10.19	165	31644	4.45	ng	92
59) Diethylphthalate	10.42	149	239755	10.29	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	154147	14.52	ng	98
65) n-Nitrosodiphenylamine	10.67	169	175055	8.74	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	94509	14.43	ng	95
70) Phenanthrene	11.52	178	857868	23.89	ng	98
71) Anthracene	11.57	178	868425	24.08	ng	98
73) Di-n-butylphthalate	12.05	149	724251	19.42	ng	# 97
79) Butylbenzylphthalate	13.55	149	501121	32.77	ng	98
80) Benzo(a)anthracene	14.12	228	1025862	33.33	ng	99
82) Chrysene	14.17	228	805200	27.94	ng	98
84) Di-n-octyl phthalate	14.72	149	813893	23.90	ng	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	501171	22.45	ng	96
88) Benzo(k)fluoranthene	15.21	252	735154	28.66	ng	# 96
90) Dibenzo(a,h)anthracene	17.09	278	291359	14.03	ng	99
91) Benzo(a,h,i)perylene	17.53	276	597526	28.48	ng	# 91

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Time: Jan 30 16:50:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

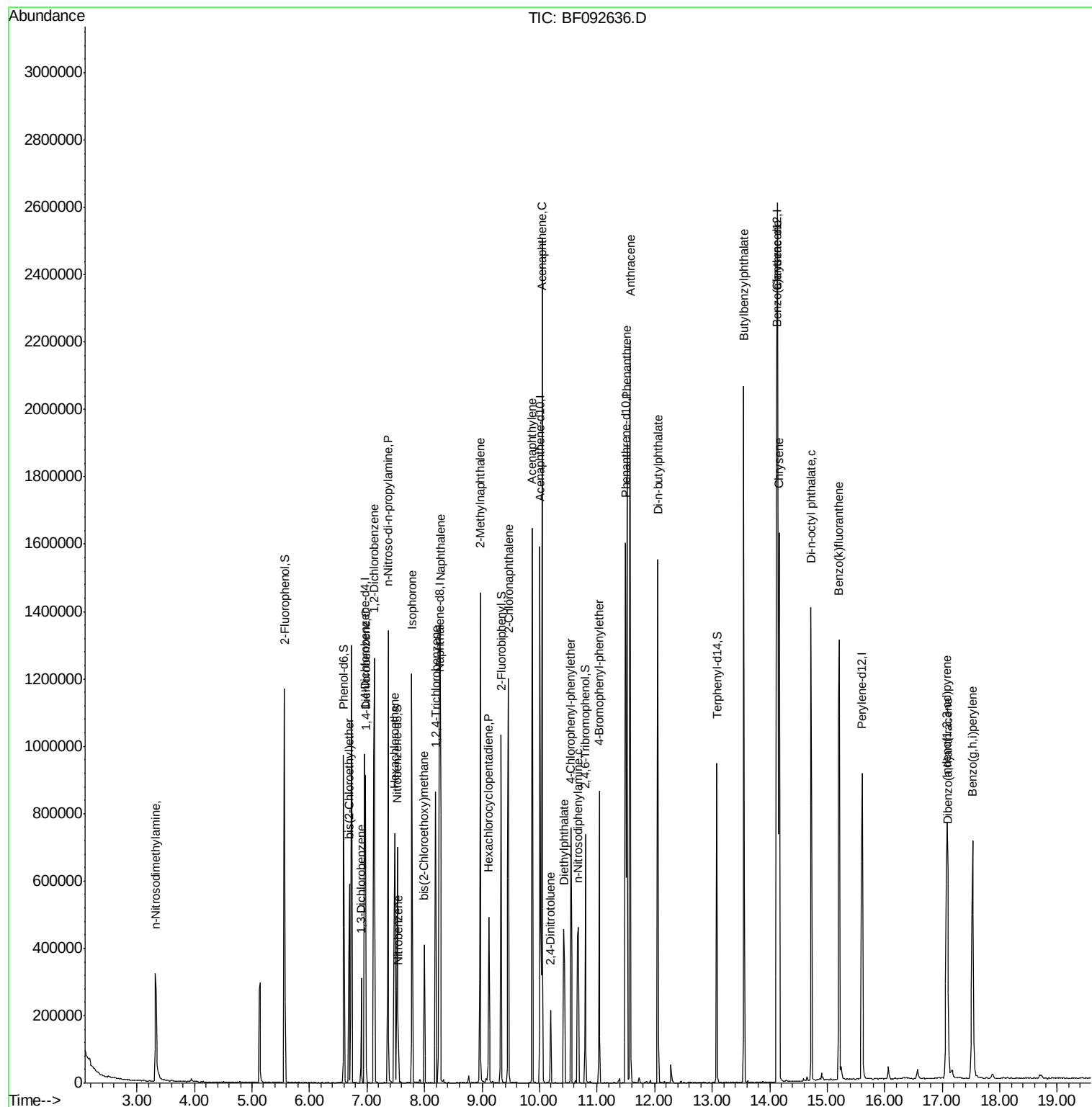
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
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Sample : I1305-25DL 5X
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ALS Vial : 13 Sample Multiplier: 1

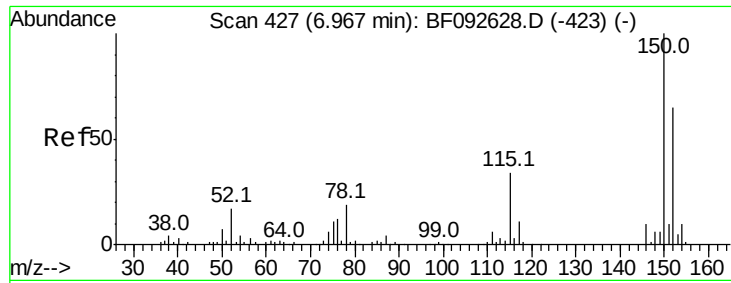
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

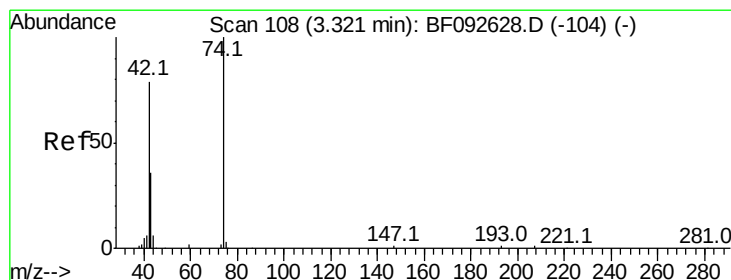
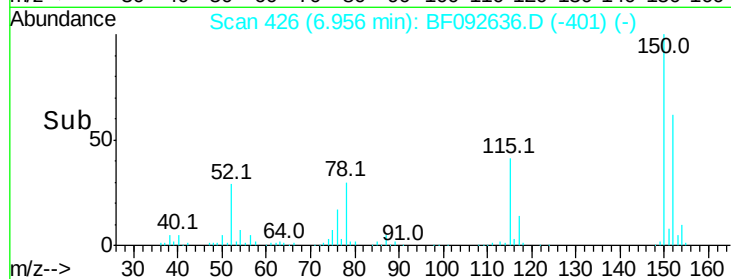
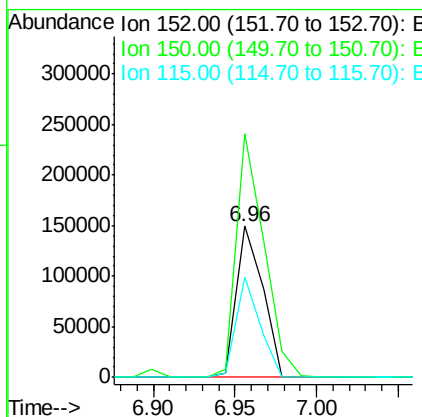
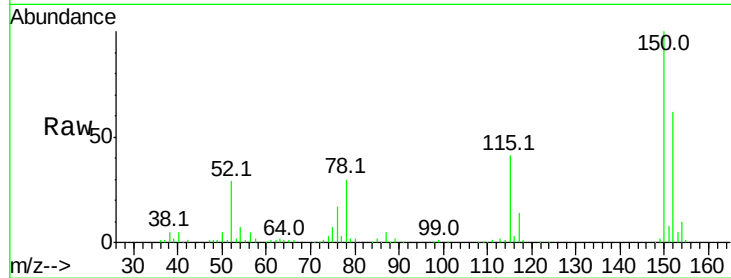
ClientSampleId :

0036DL

Tot Ion:	152	Resp:	165712
Ion Ratio	Lower	Upper	
152	100		
150	160.8	124.9	187.3
115	66.3	46.0	69.0

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#4

n-Nitrosodimethylamine

Concen: 33.47 ng

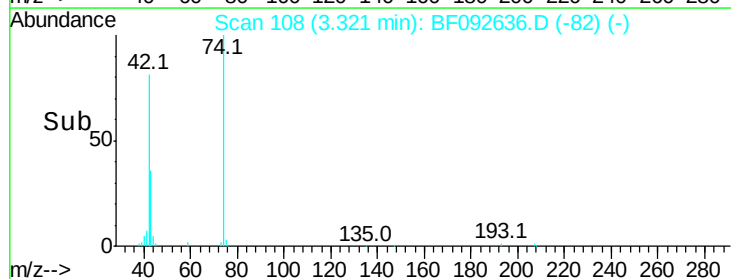
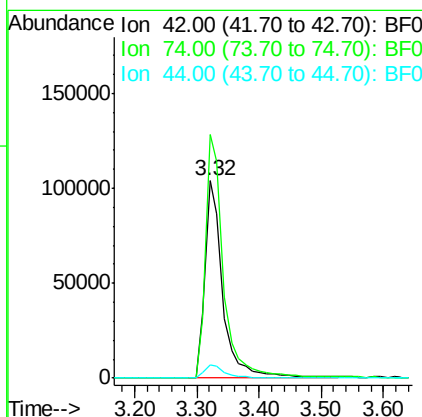
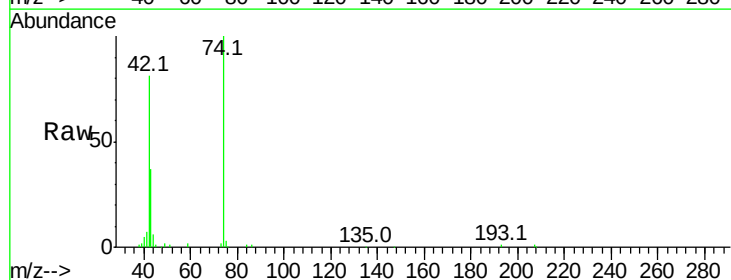
RT: 3.32 min Scan# 108

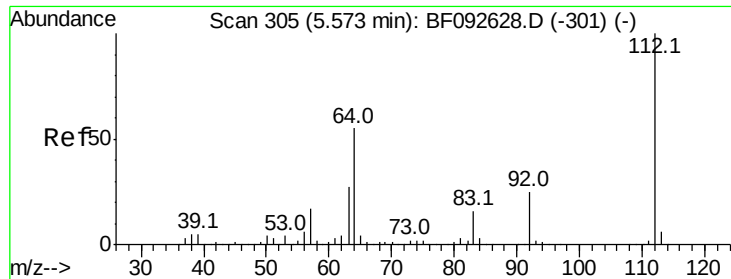
Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion:	42	Resp:	208581
Ion Ratio	Lower	Upper	
42	100		
74	123.6	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 30.27 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

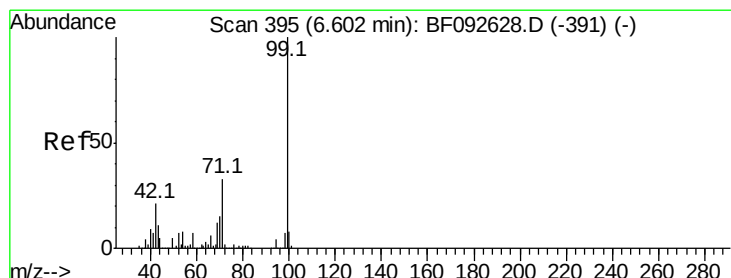
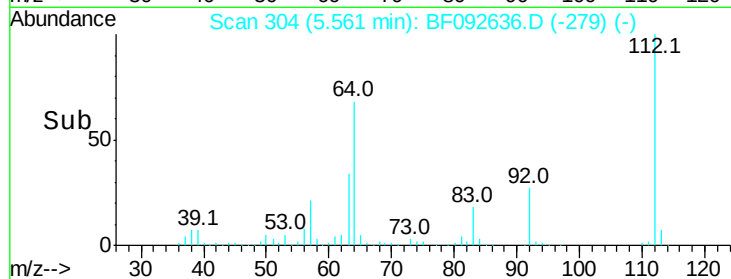
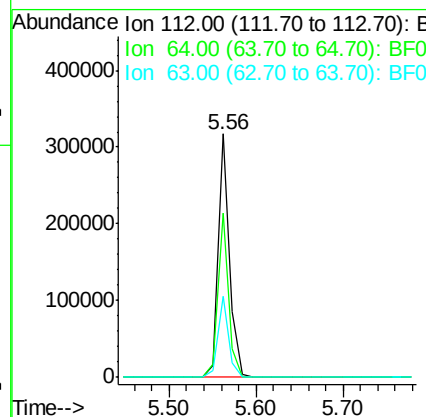
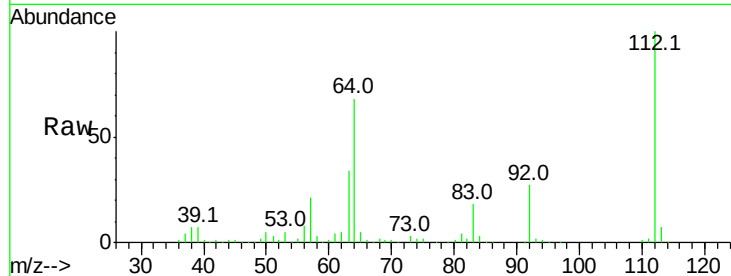
ClientSampleID :

0036DL

Tot Ion	Ratio	Resp	Lower	Upper
112	100	292391		
64	67.7	46.1	69.1	
63	33.6	23.8	35.6	

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#7

Phenol-d6

Concen: 30.08 ng

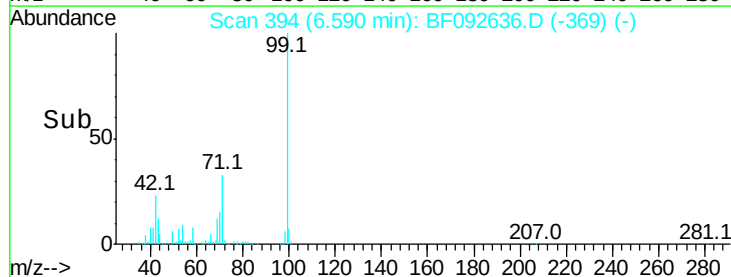
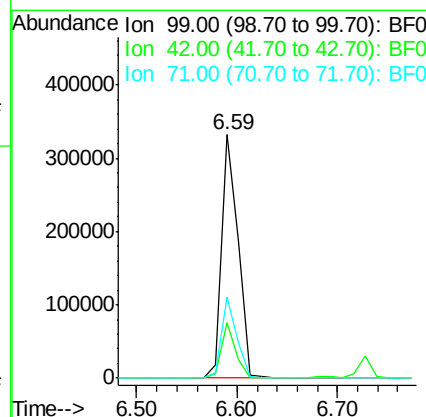
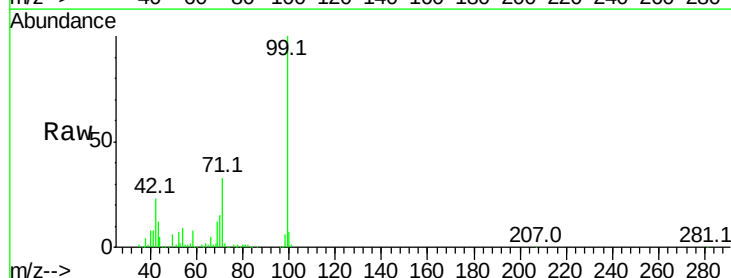
RT: 6.59 min Scan# 394

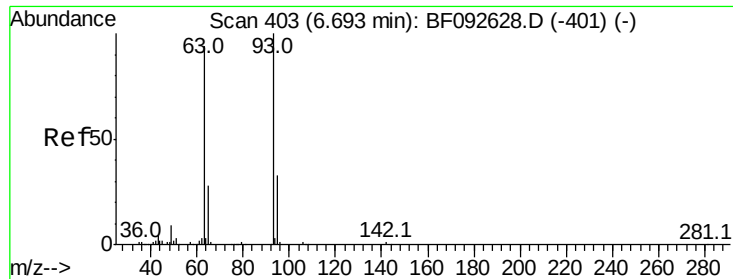
Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	373844		
42	22.9	15.6	23.4	
71	33.4	27.5	41.3	





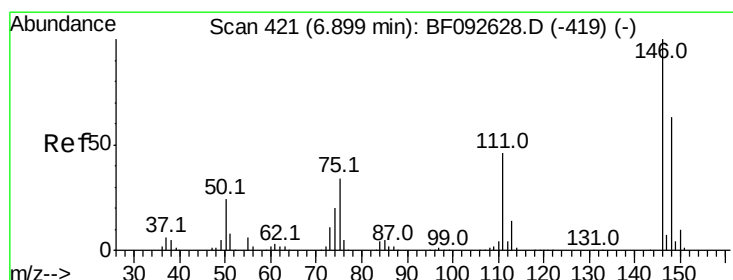
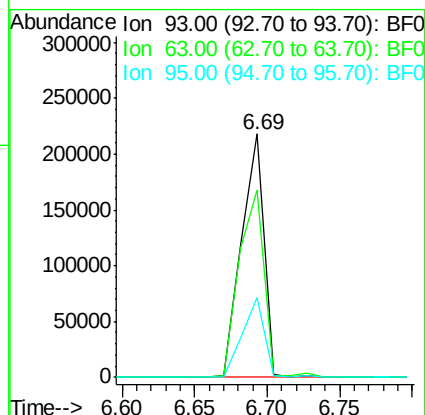
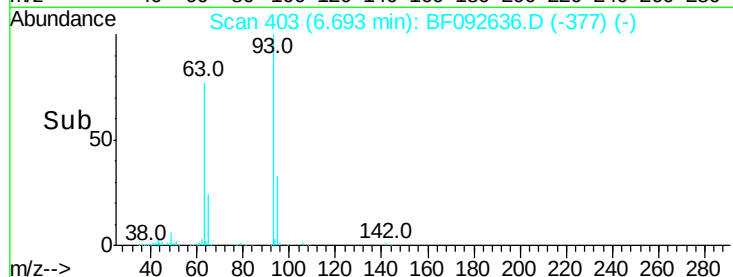
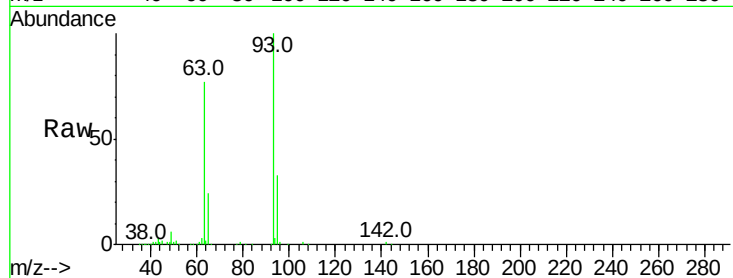
#11
bis(2-Chloroethyl)ether
Concen: 20.14 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tot Ion	93	Resp	233717
Ion Ratio	100	Lower	Upper
93	100		
63	77.0	60.4	100.4
95	32.8	12.8	52.8

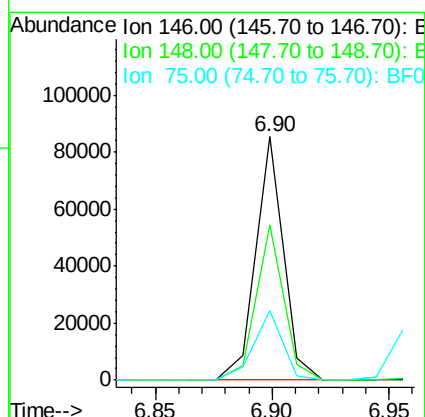
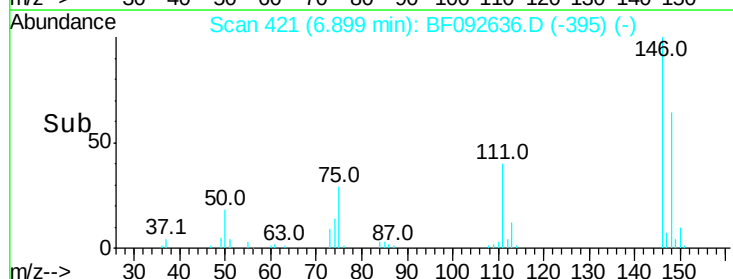
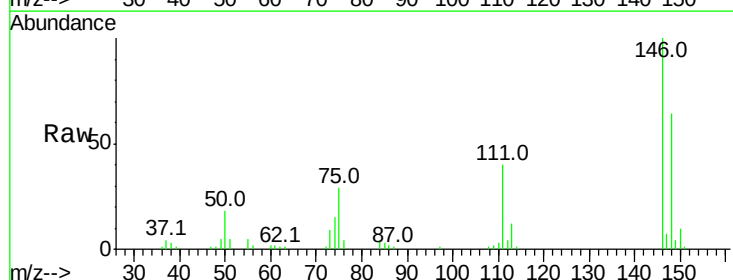
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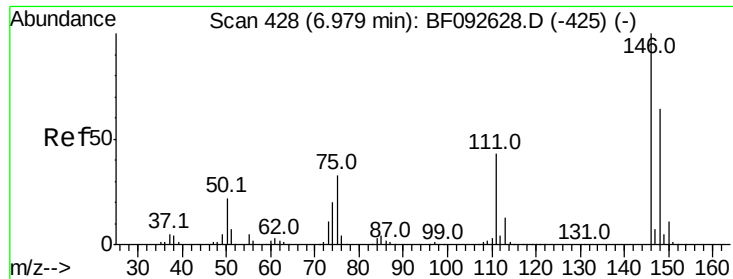
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#12
1,3-Dichlorobenzene
Concen: 5.62 ng m
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion	146	Resp	70102
Ion Ratio	100	Lower	Upper
146	100		
148	63.8	53.4	80.0
75	28.5	18.5	27.7#





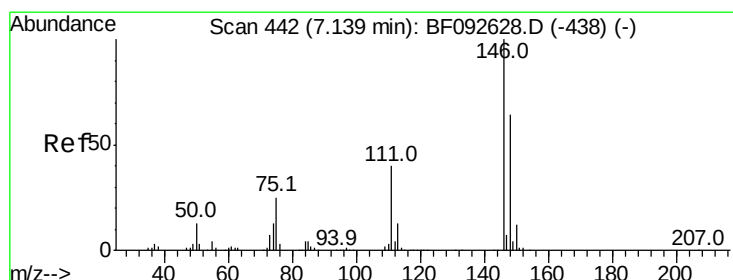
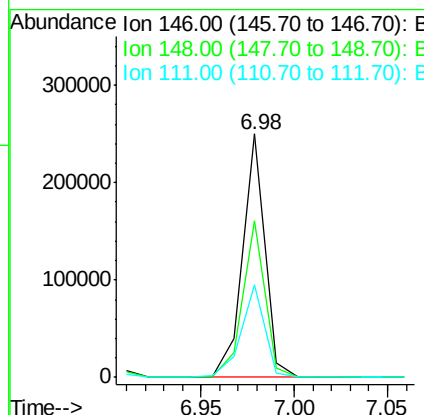
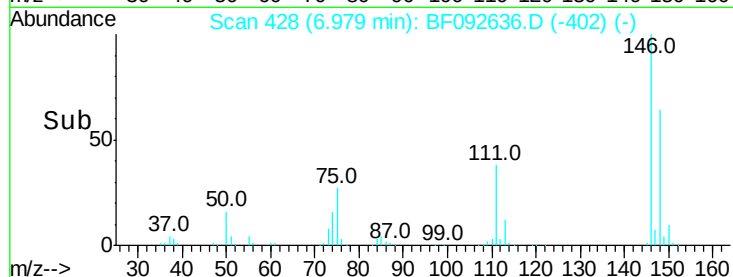
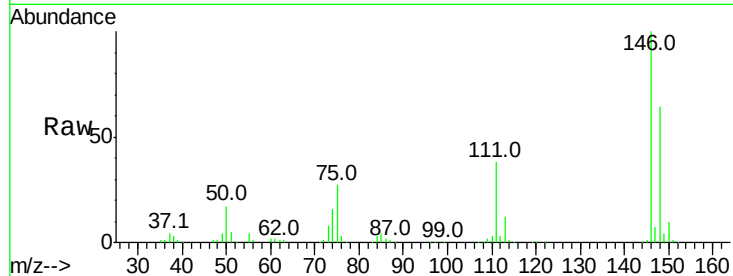
#13
 1,4-Dichlorobenzene
 Concen: 16.55 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	38.0	36.2	54.4

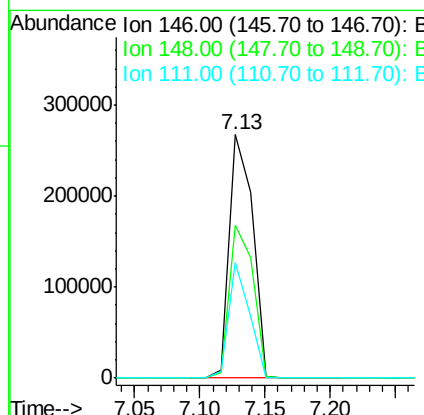
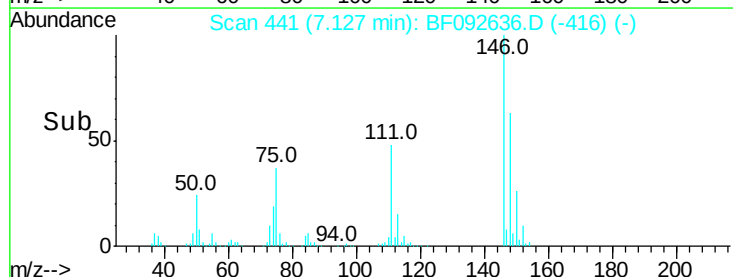
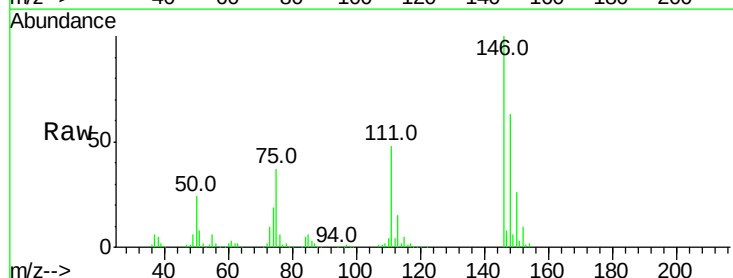
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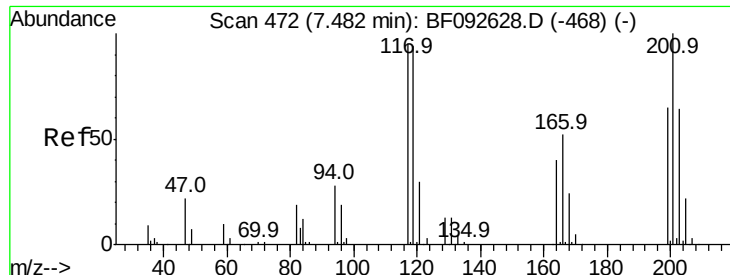
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#14
 1,2-Dichlorobenzene
 Concen: 27.52 ng
 RT: 7.13 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	47.7	36.2	54.2





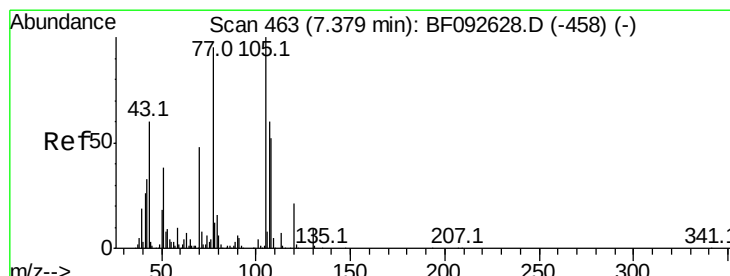
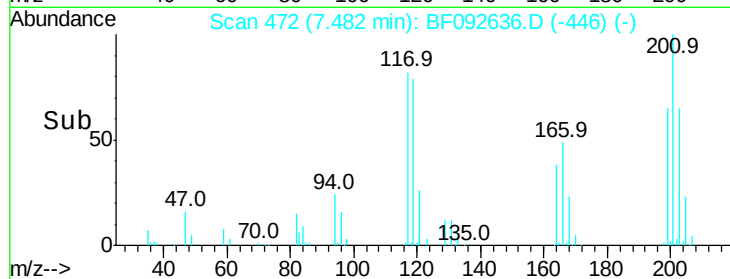
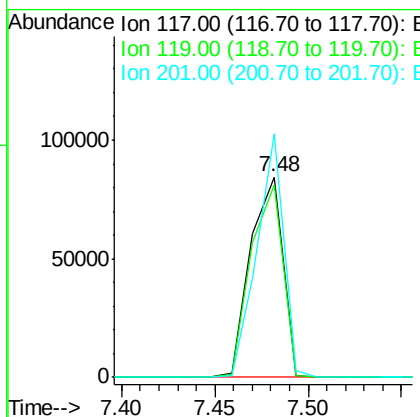
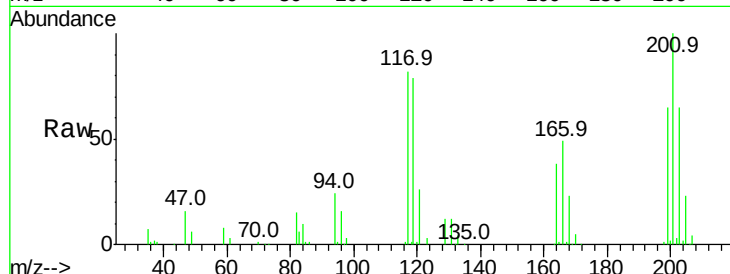
#18
Hexachloroethane
Concen: 23.45 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	101104		
119	96.3	78.1	117.1	
201	121.4	78.6	117.8#	

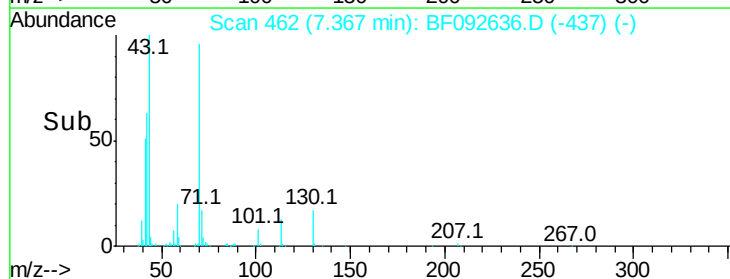
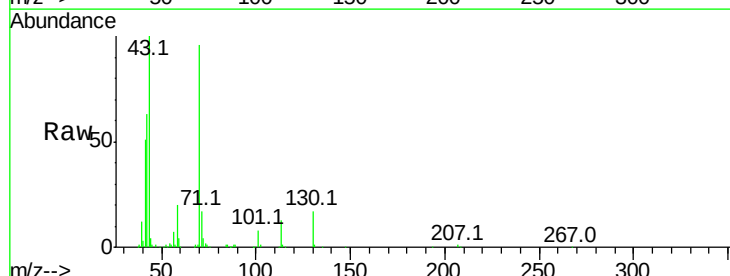
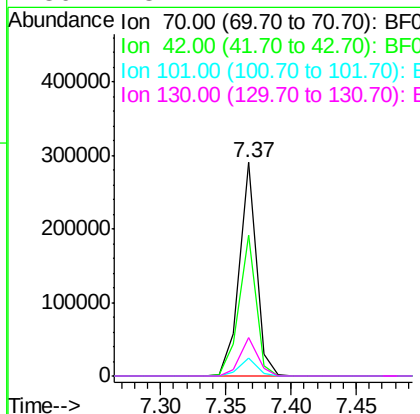
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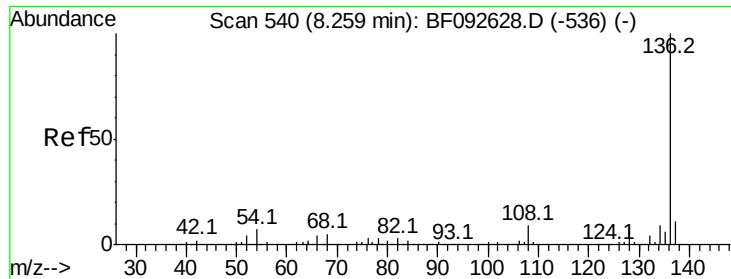
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#19
n-Nitroso-di-n-propylamine
Concen: 33.02 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	261226		
42	66.1	49.4	74.0	
101	8.4	7.4	11.2	
130	18.1	14.2	21.4	





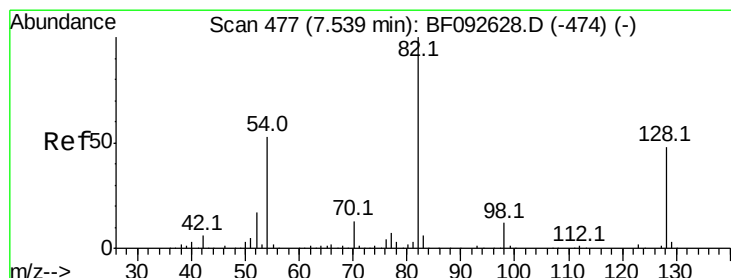
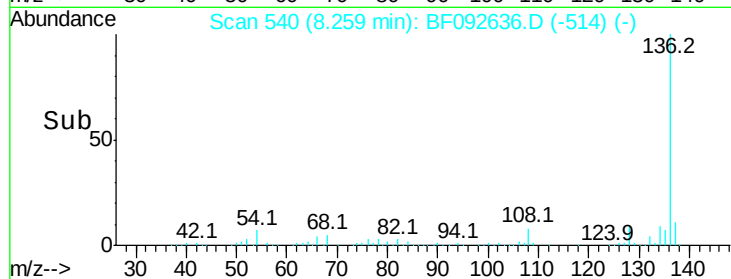
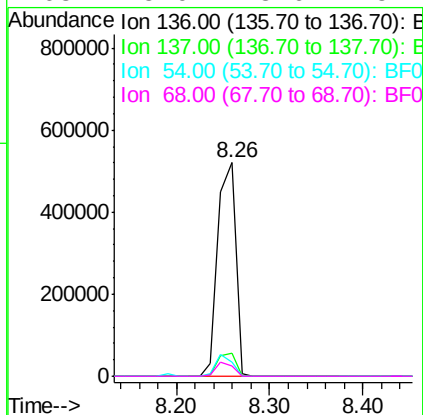
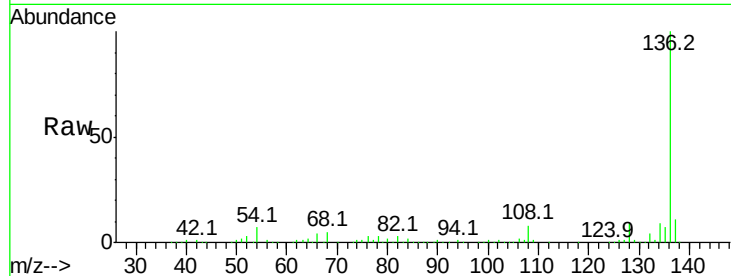
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tot Ion	Ratio	Resp	Lower	Upper
136	100	695375		
137	10.9		8.4	12.6
54	6.7		4.5	6.7
68	5.0		3.6	5.4

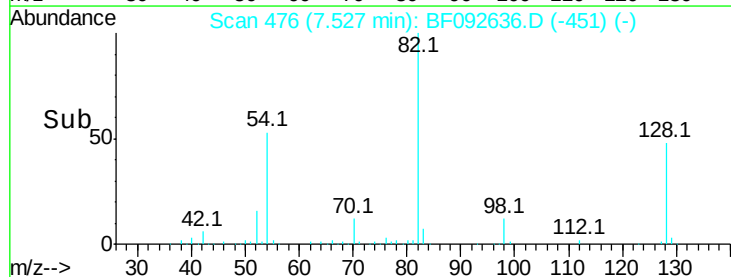
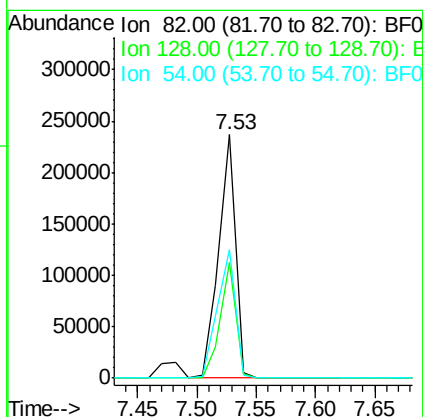
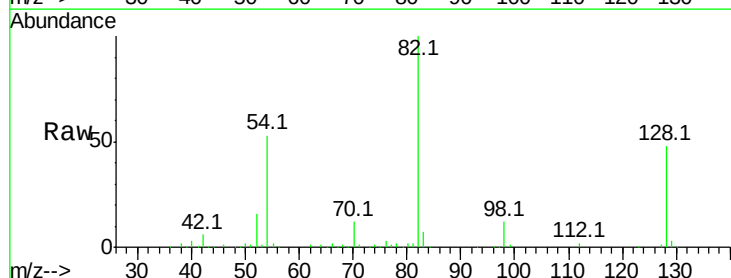
Manual Integrations
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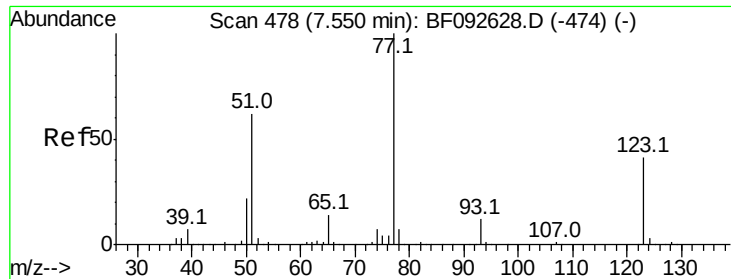
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#23
Nitrobenzene-d5
Concen: 18.58 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092636.D
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	232012		
128	47.5		34.6	52.0
54	53.0		39.5	59.3





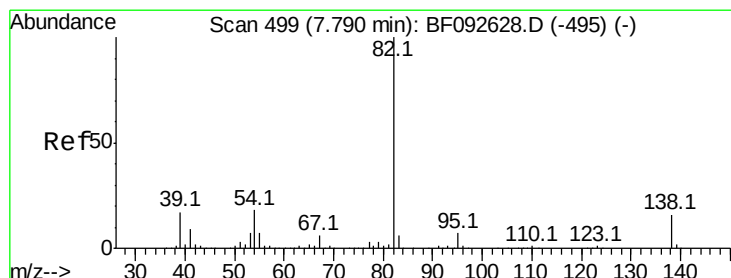
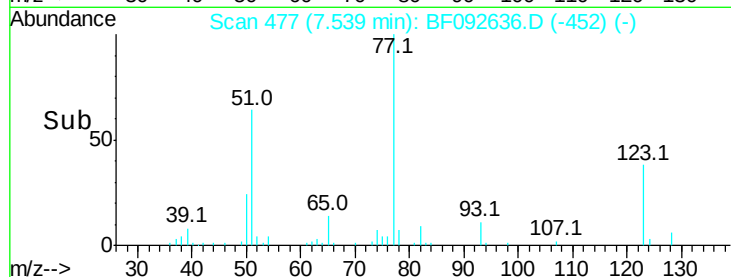
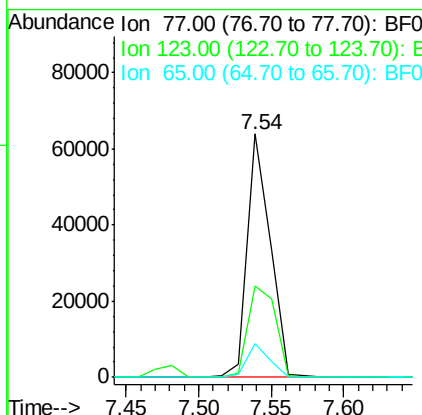
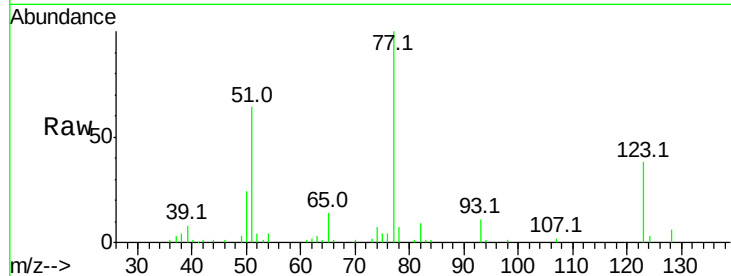
#24
Nitrobenzene
Concen: 5.47 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	37.7	33.0	49.4
65	14.1	11.2	16.8

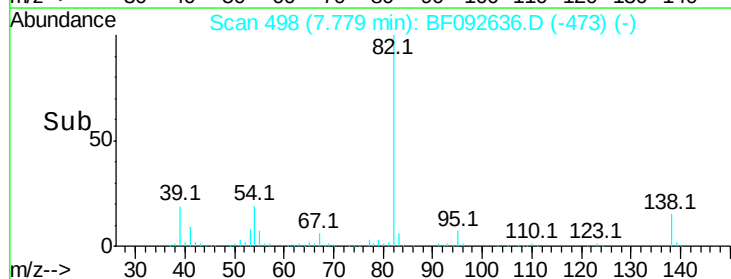
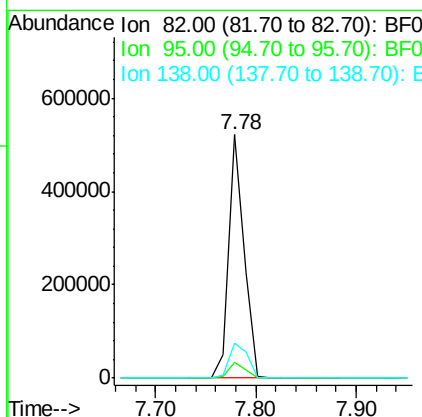
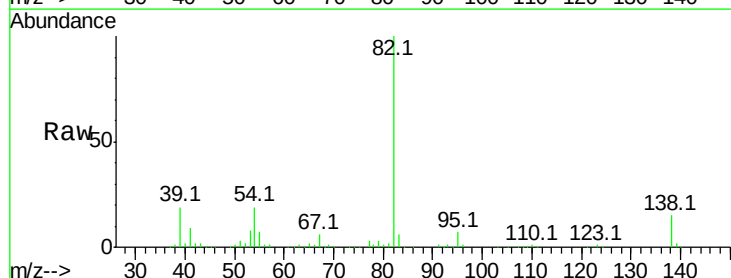
Manual Integrations
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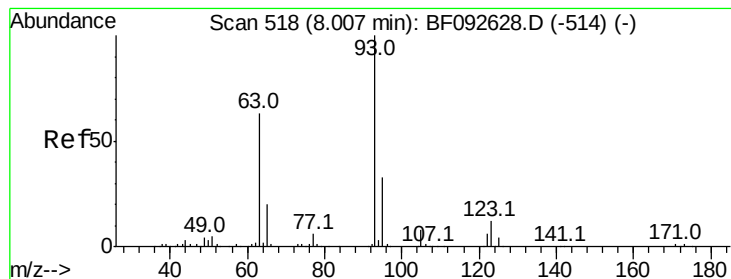
mohammad
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#25
Isophorone
Concen: 23.69 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.6	8.4
138	14.5	14.6	22.0





#28

bis(2-Chloroethoxy)methane

Concen: 8.71 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

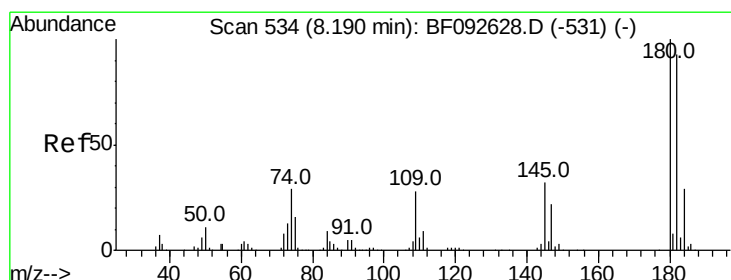
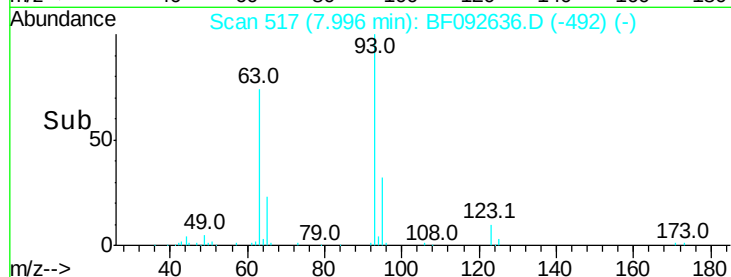
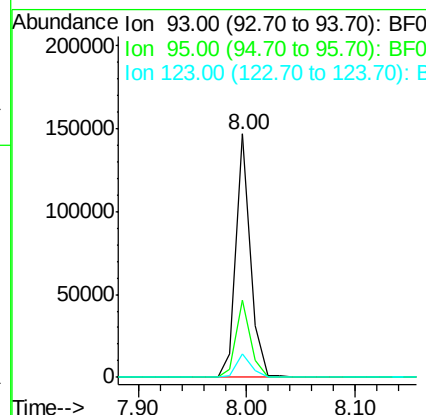
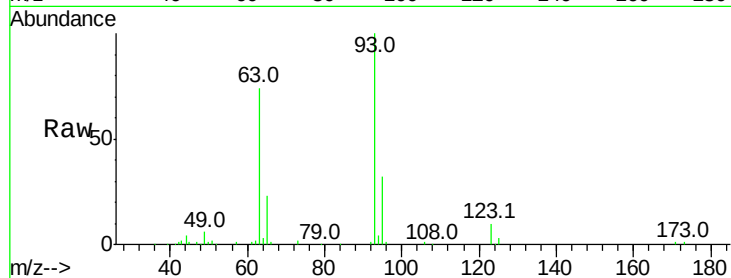
ClientSampleId :

0036DL

Tot Ion:	93	Resp:	134289
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.5	39.7
123	9.6	8.6	13.0

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#30

1,2,4-Trichlorobenzene

Concen: 16.34 ng

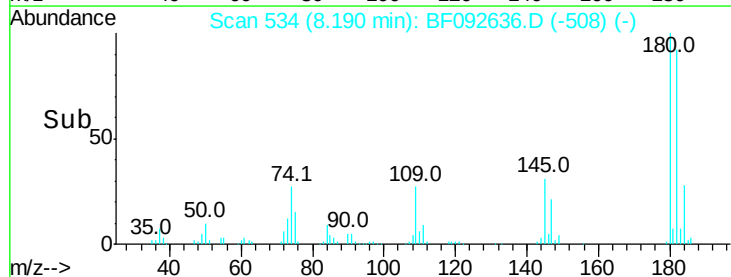
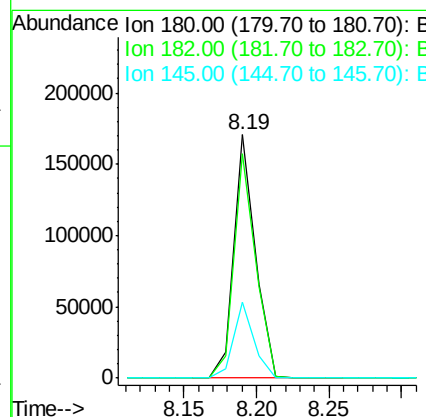
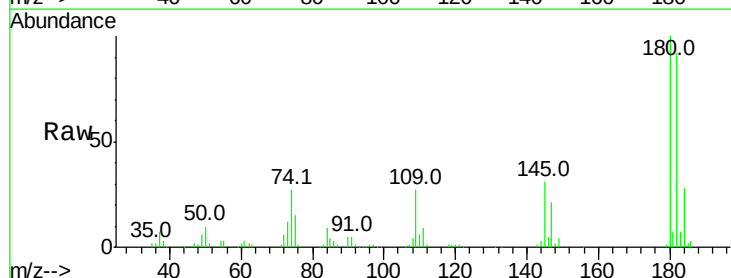
RT: 8.19 min Scan# 534

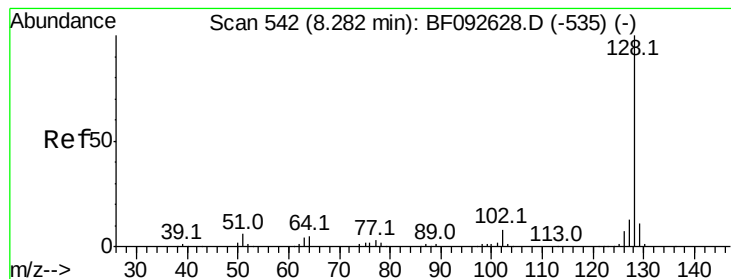
Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion:	180	Resp:	175787
Ion Ratio	Lower	Upper	
180	100		
182	91.9	78.2	117.4
145	31.1	21.6	32.4





#31

Naphthalene

Concen: 21.57 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

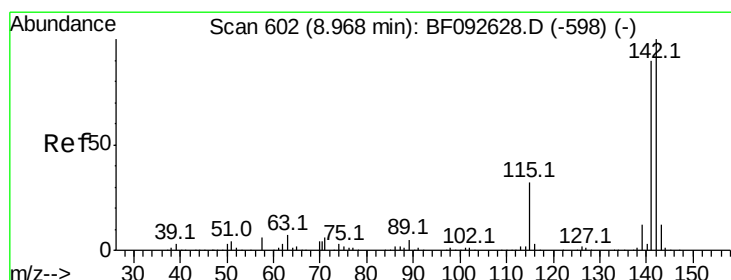
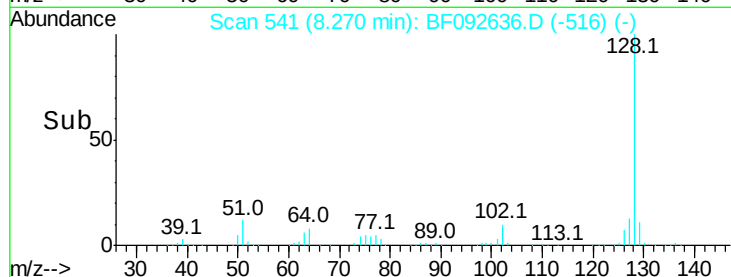
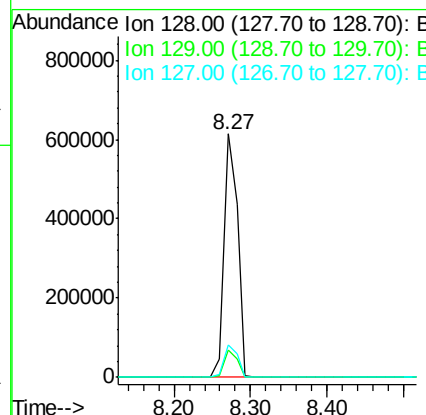
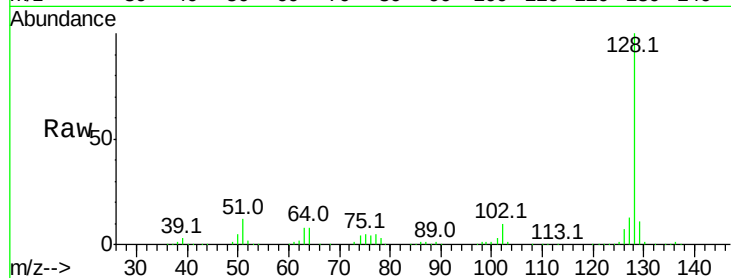
ClientSampleId :

0036DL

Tot Ion:	128	Resp:	760257
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.5	14.3
127	13.3	10.8	16.2

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#37

2-Methylnaphthalene

Concen: 17.34 ng

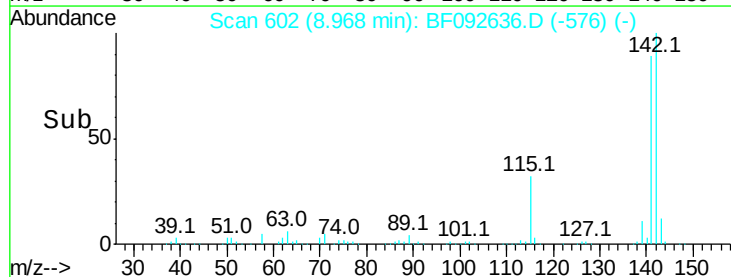
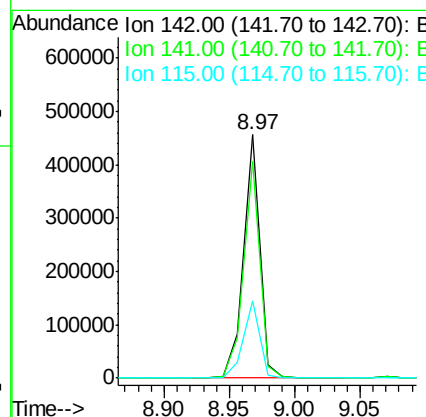
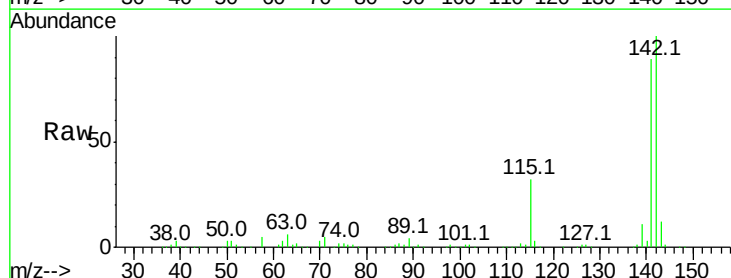
RT: 8.97 min Scan# 602

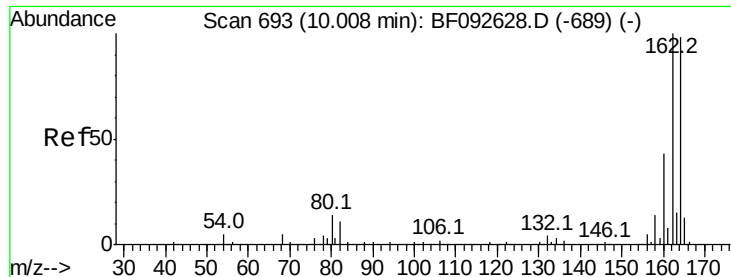
Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion:	142	Resp:	392469
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.0	106.6
115	31.8	28.3	42.5





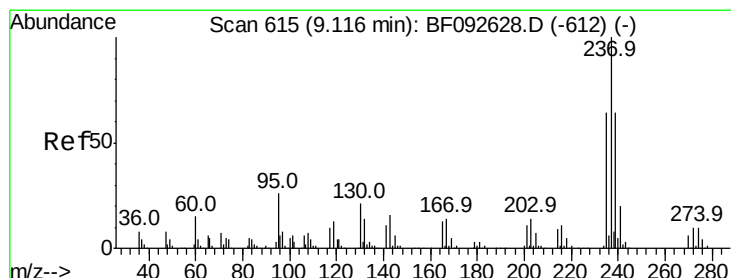
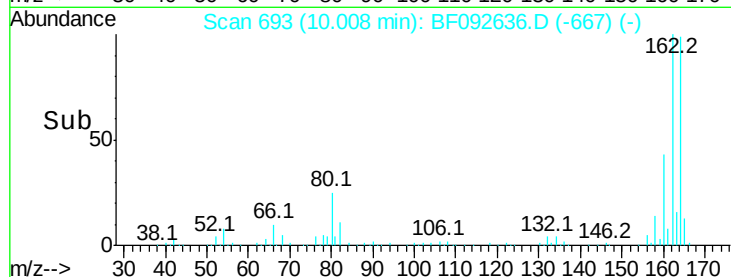
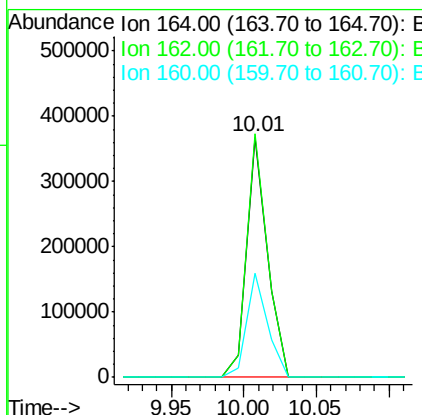
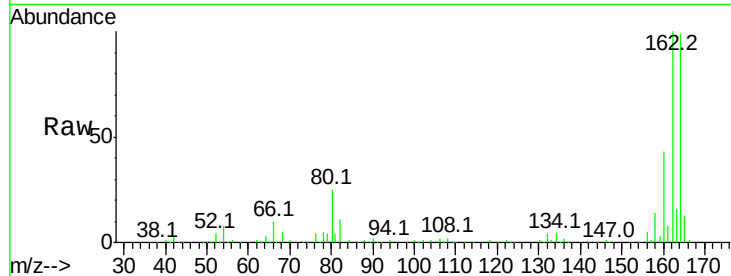
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	43.6	36.9	55.3

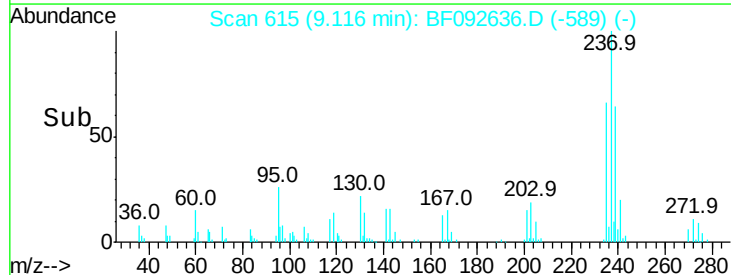
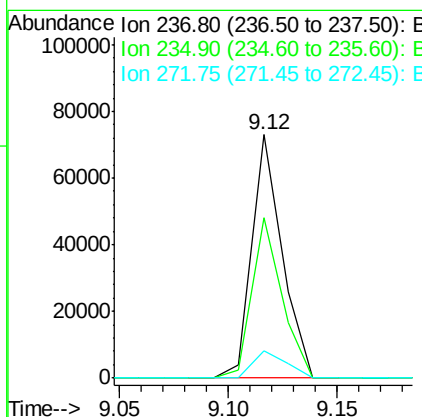
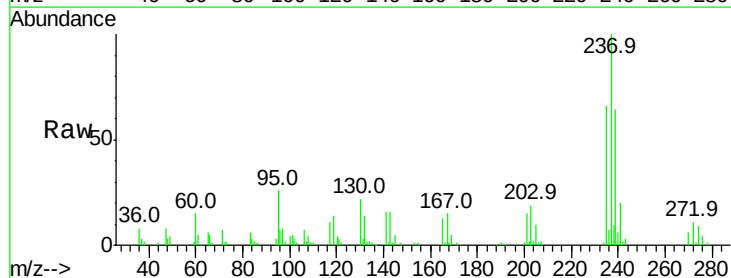
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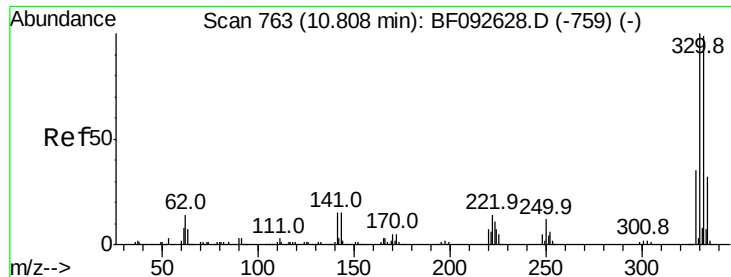
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 15.17 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.7	41.2	81.2
272	11.3	0.0	35.4





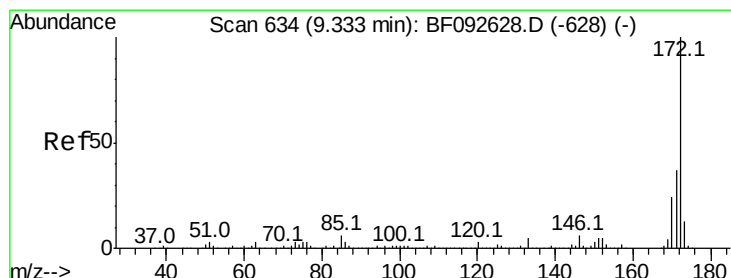
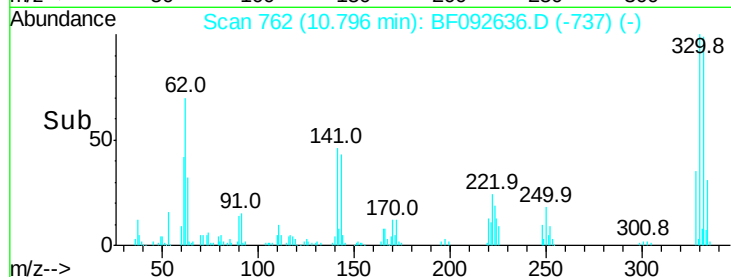
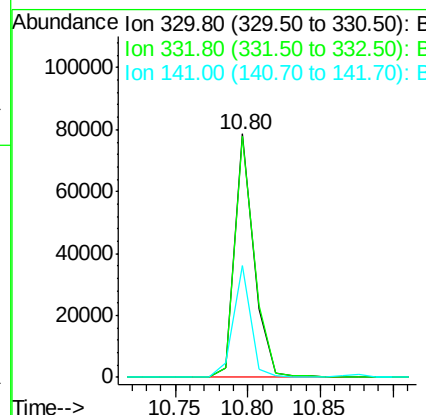
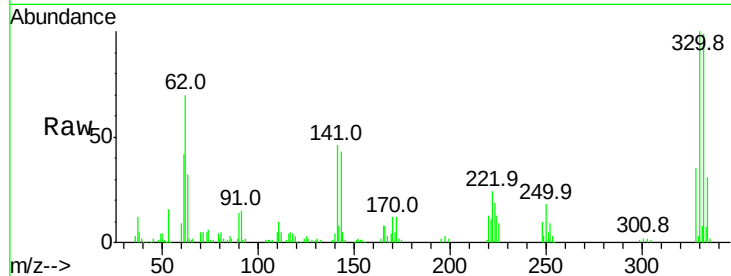
#41
 2,4,6-Tribromophenol
 Concen: 27.43 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	72819		
332	100.4		77.4	116.2
141	41.3		34.1	51.1

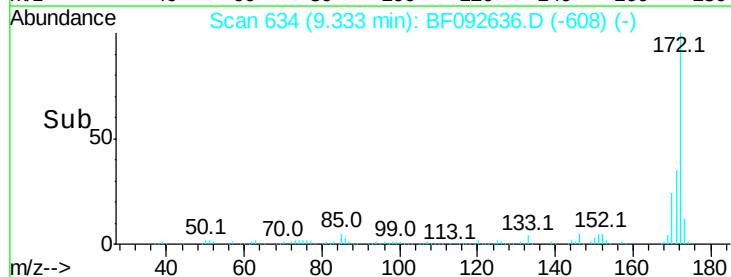
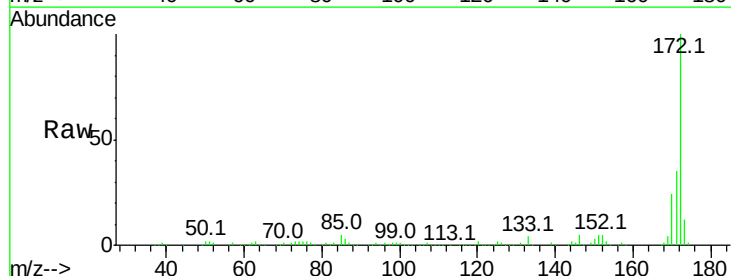
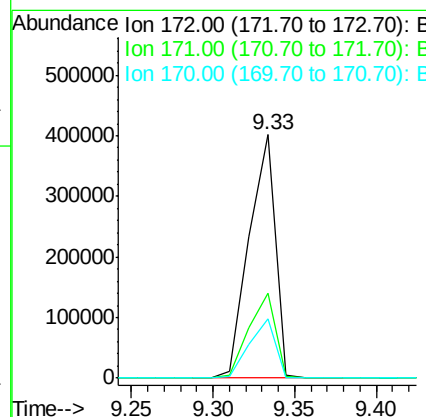
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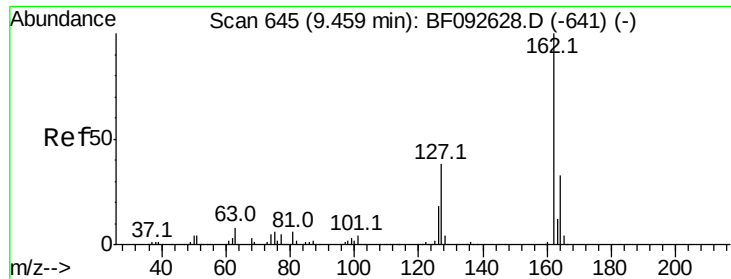
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 22.17 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	449118		
171	35.1		29.4	44.0
170	24.2		20.2	30.4





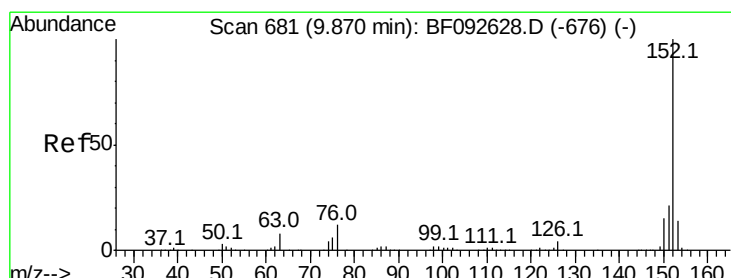
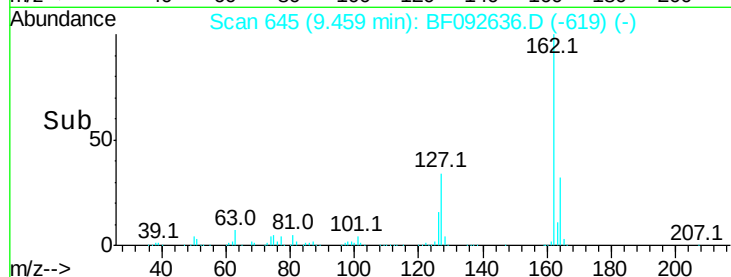
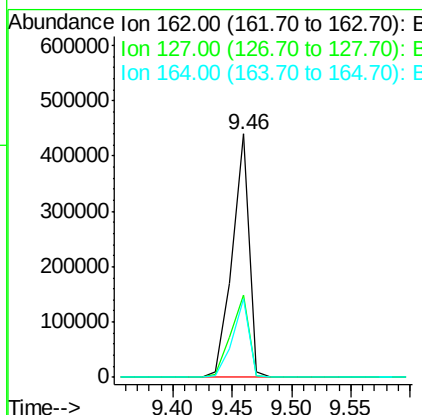
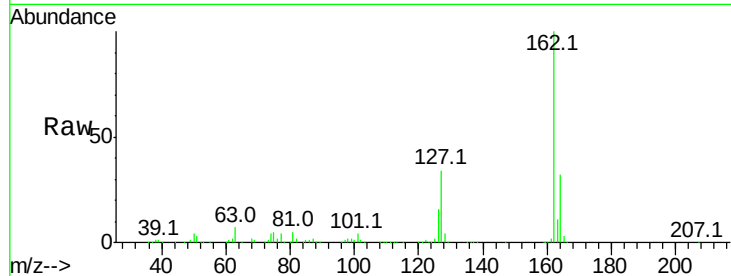
#46
2-Chloronaphthalene
Concen: 20.89 ng
RT: 9.46 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.1	30.7	46.1
164	32.3	27.6	41.4

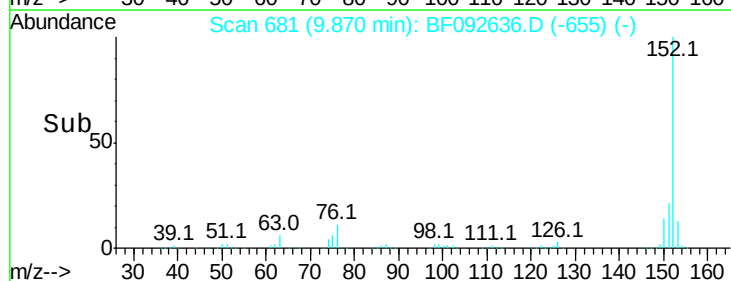
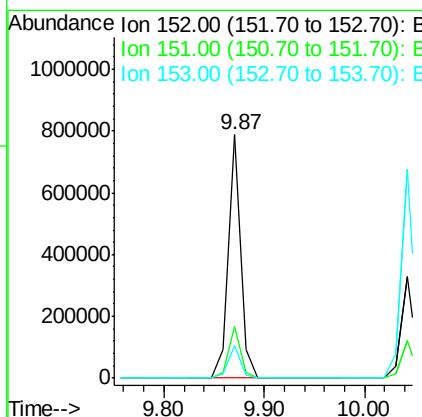
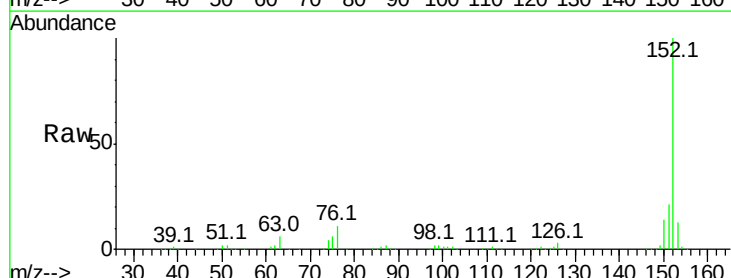
Manual Integrations
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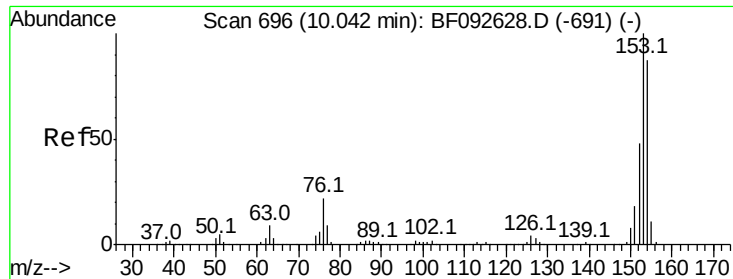
mohammad
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#48
Acenaphthylene
Concen: 18.81 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.4	11.4	17.2





#51

Acenaphthene

Concen: 25.28 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

Tot Ion:154 Resp: 542881

Ion Ratio Lower Upper

154 100

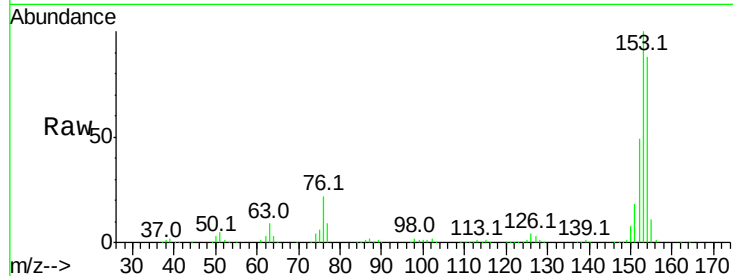
153 113.2 88.6 133.0

152 54.9 41.6 62.4

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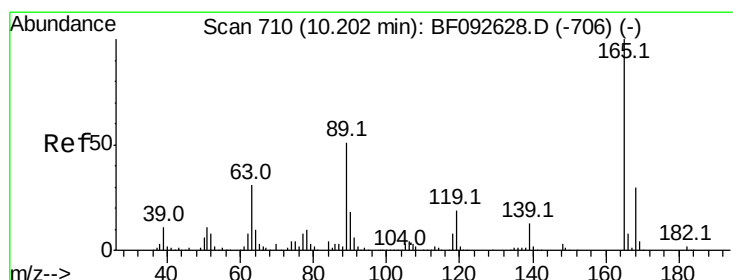
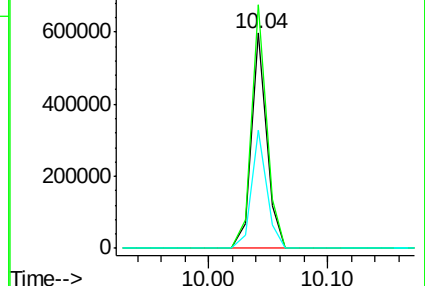
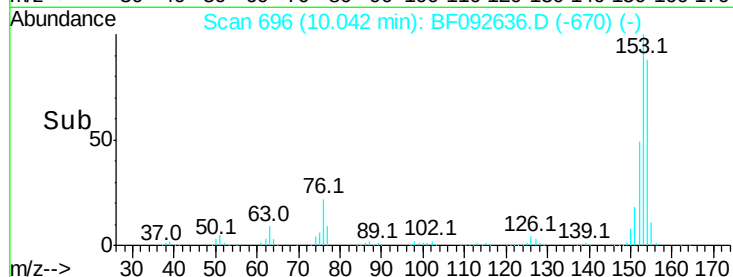
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#56

2,4-Dinitrotoluene

Concen: 4.45 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion:165 Resp: 31644

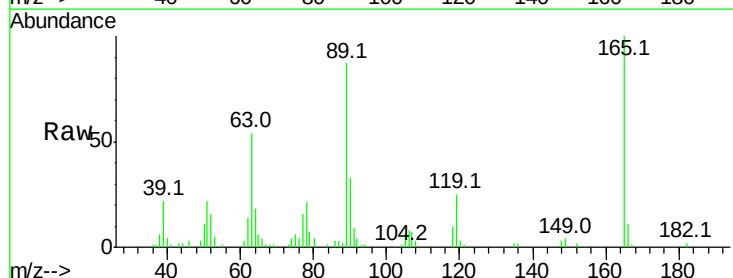
Ion Ratio Lower Upper

165 100

63 54.0 40.2 60.4

89 86.5 62.5 93.7

182 2.2 1.8 2.8

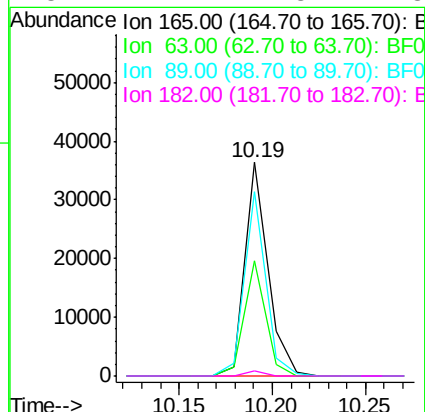
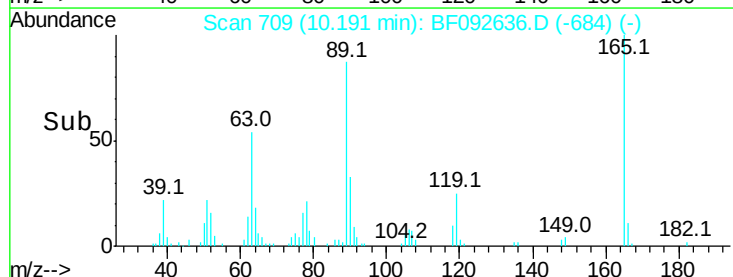


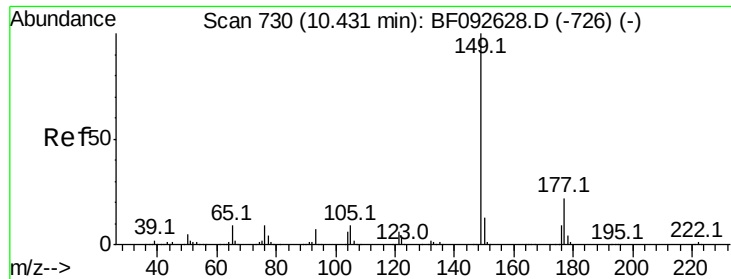
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





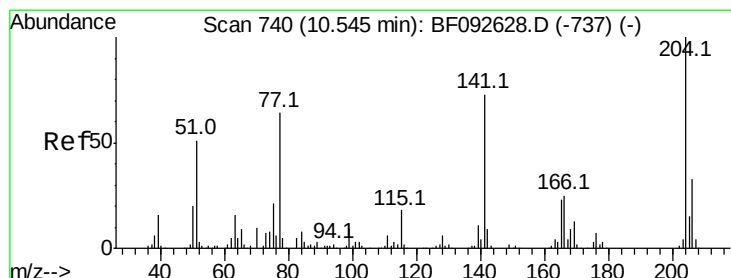
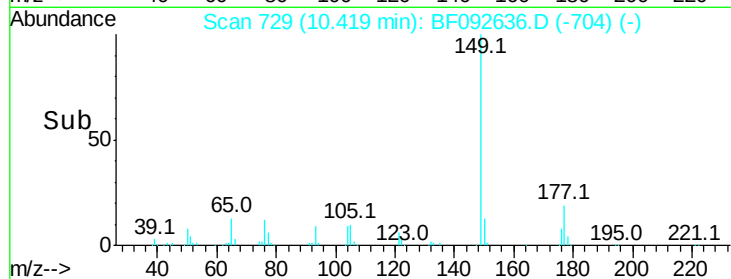
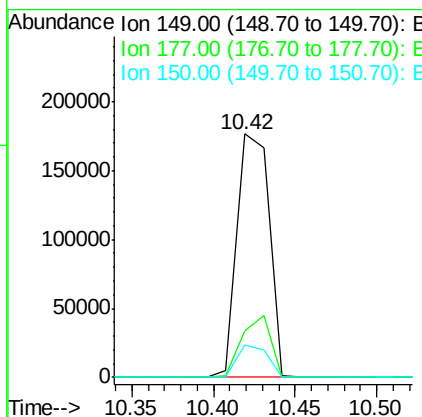
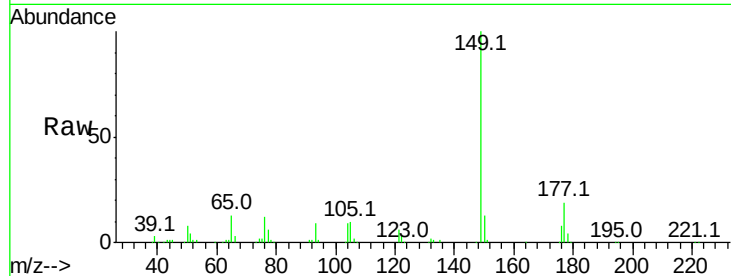
#59
Diethylphthalate
Concen: 10.29 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampled :
0036DL

Tot Ion	Ratio	Resp	Lower	Upper
149	100	239755		
177	19.2	16.6	25.0	
150	13.2	10.4	15.6	

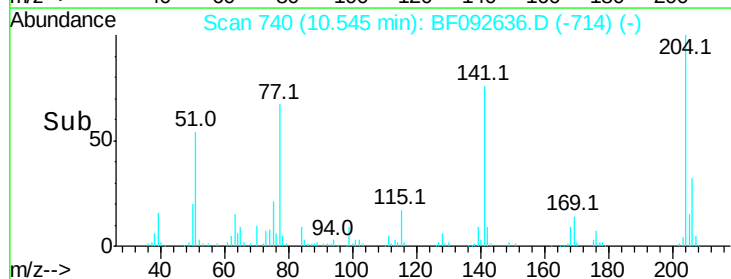
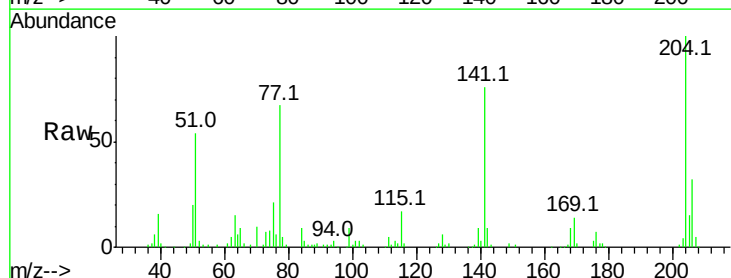
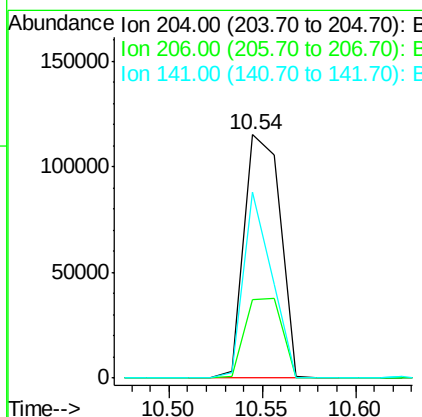
Manual Integrations
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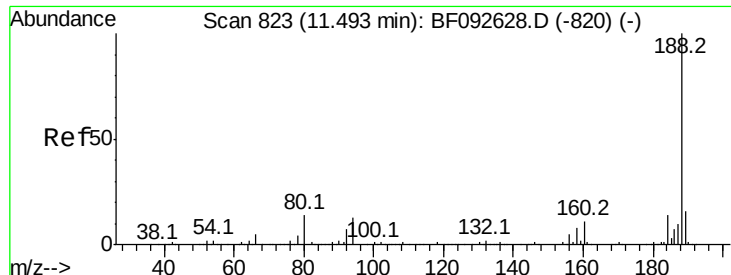
mohammad
1/31/2017 4:44:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 14.52 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	154147		
206	32.3	25.8	38.6	
141	76.2	59.4	89.0	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

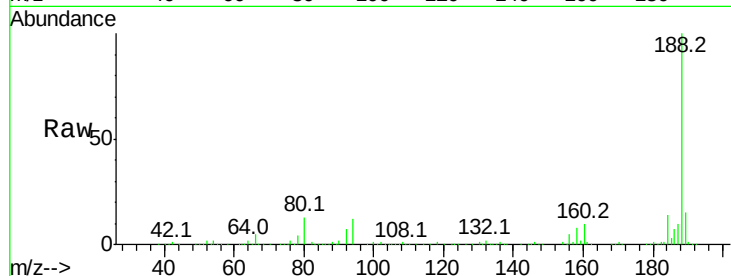
ClientSampleId :

0036DL

Tot Ion:	188	Resp:	626883
Ion Ratio	Lower	Upper	
188	100		
94	12.3	10.0	15.0
80	13.3	11.2	16.8

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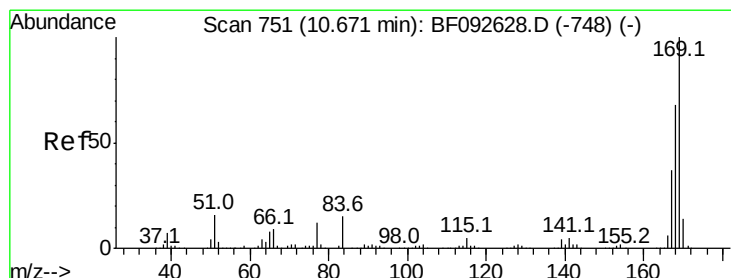
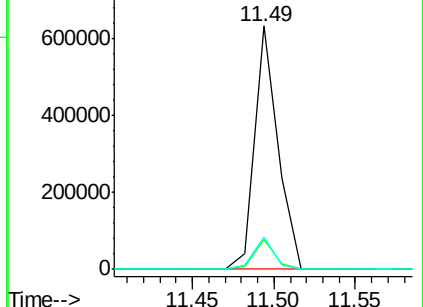
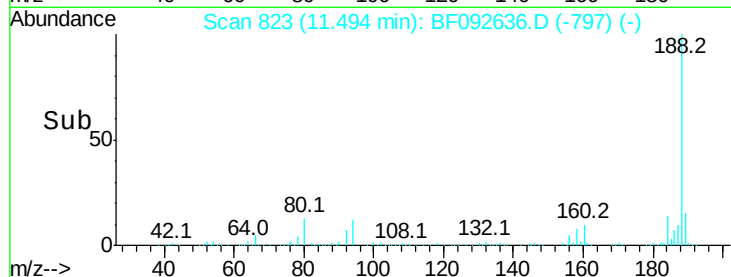
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 8.74 ng

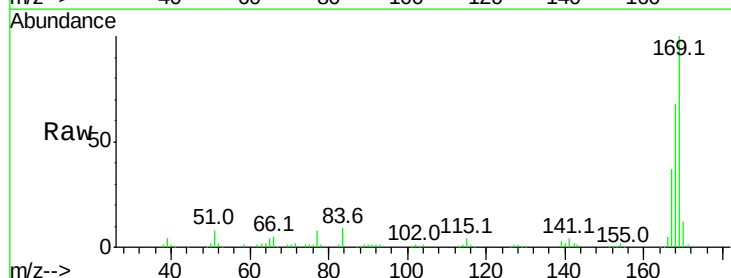
RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

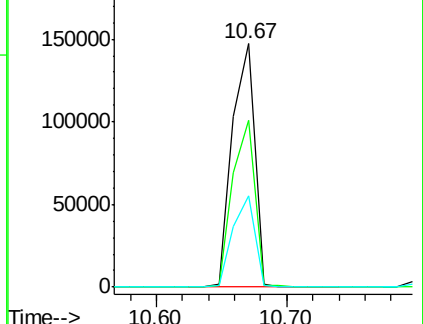
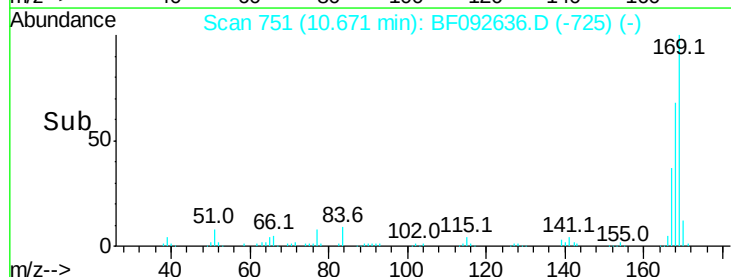
Tgt Ion:	169	Resp:	175055
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.2	81.2
167	37.4	30.2	45.4

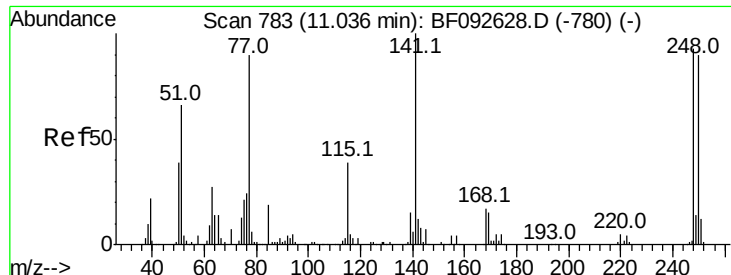


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





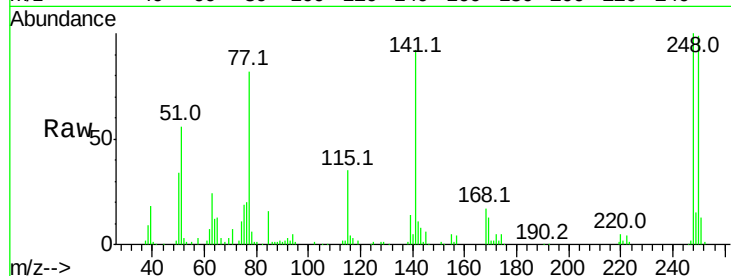
#66
 4-Bromophenyl-phenylether
 Concen: 14.43 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampled :
 0036DL

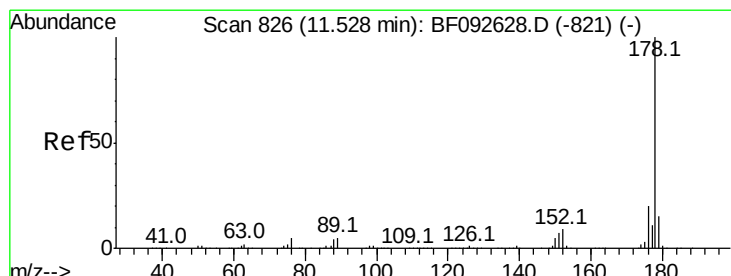
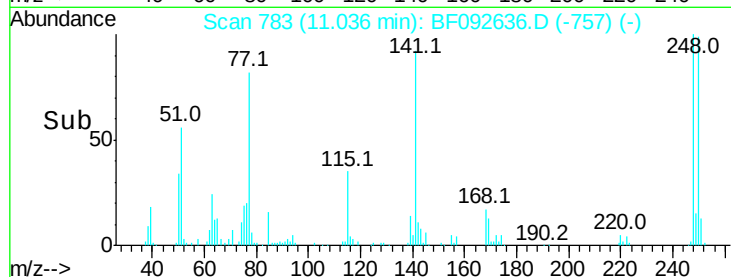
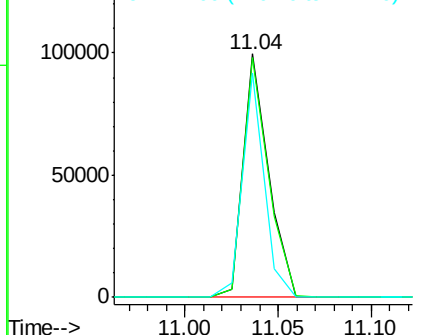
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.9	115.3
141	92.2	68.2	102.4

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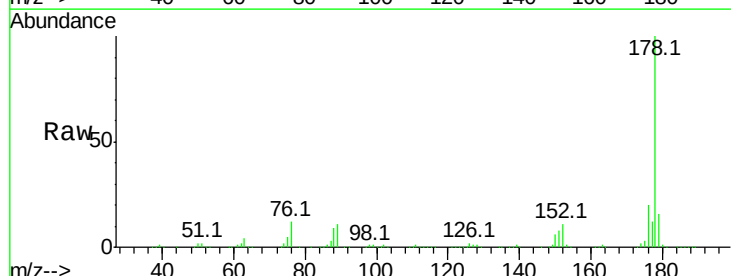


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

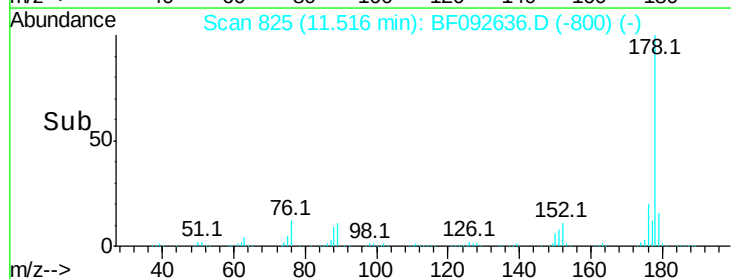
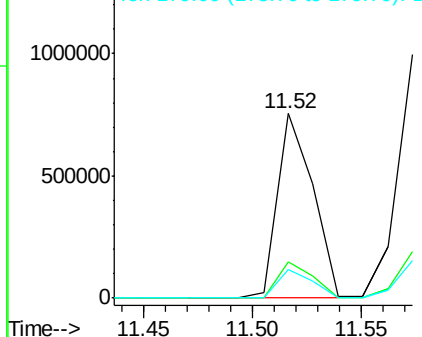


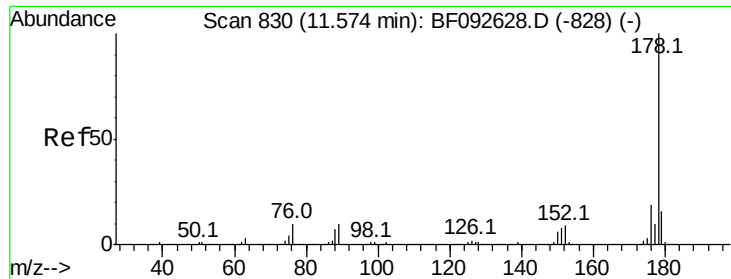
#70
 Phenanthrene
 Concen: 23.89 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.7	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





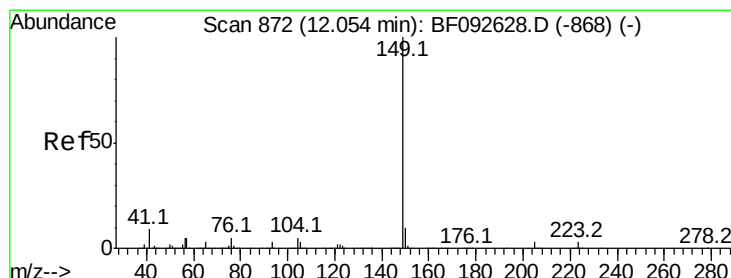
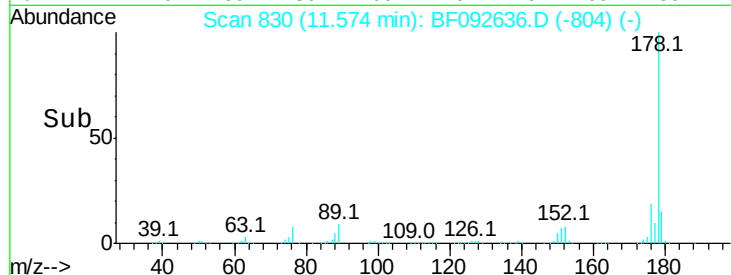
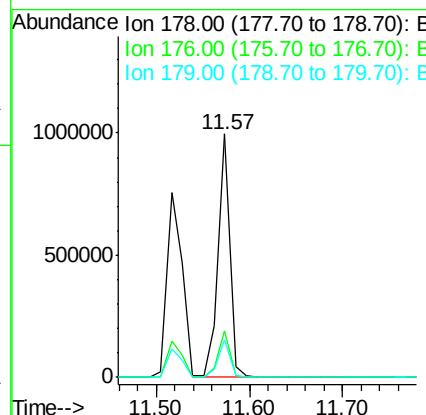
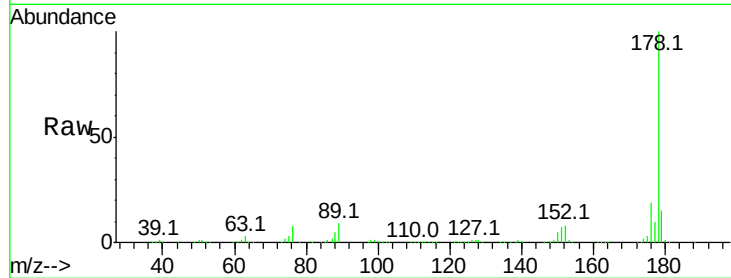
#71
 Anthracene
 Concen: 24.08 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampled :
 0036DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.2	13.2	19.8

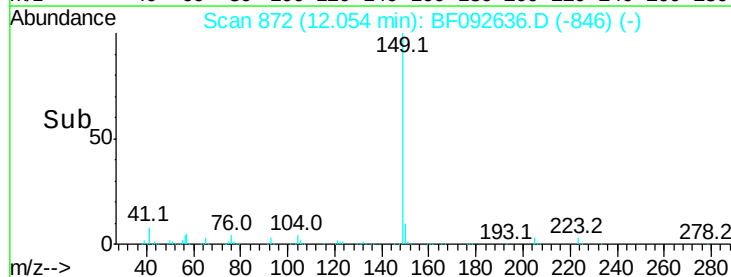
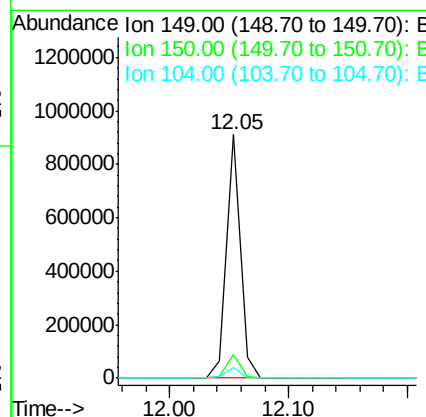
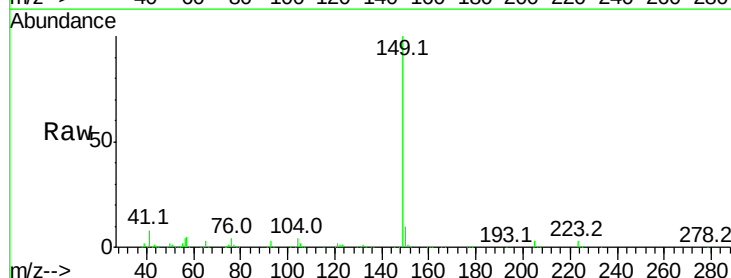
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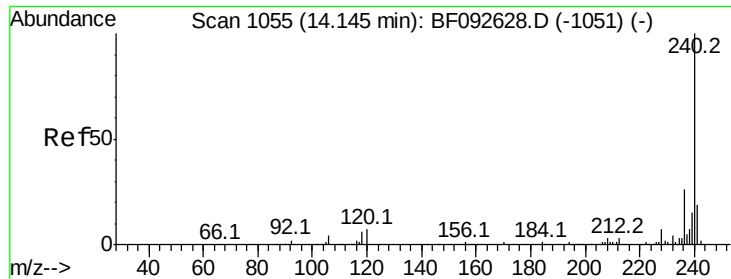
mohammad
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#73
 Di-n-butylphthalate
 Concen: 19.42 ng
 RT: 12.05 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.3	4.6	7.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

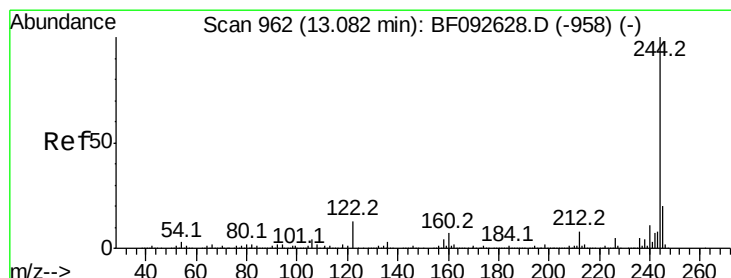
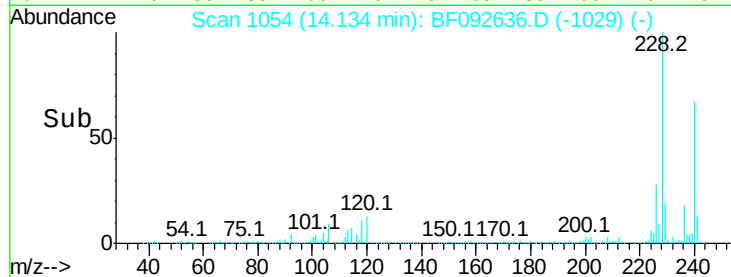
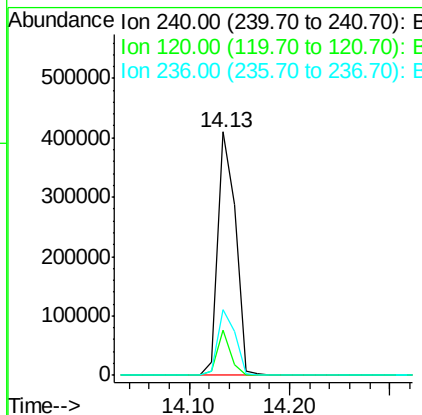
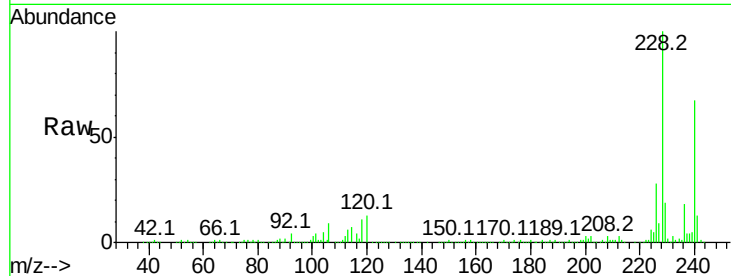
ClientSampled :

0036DL

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.8	12.9	19.3
236	27.0	20.9	31.3

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#78

Terphenyl-d14

Concen: 20.83 ng

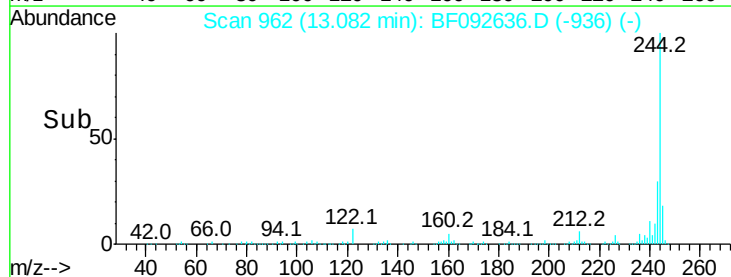
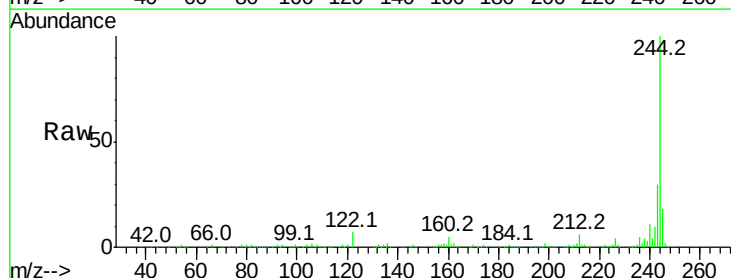
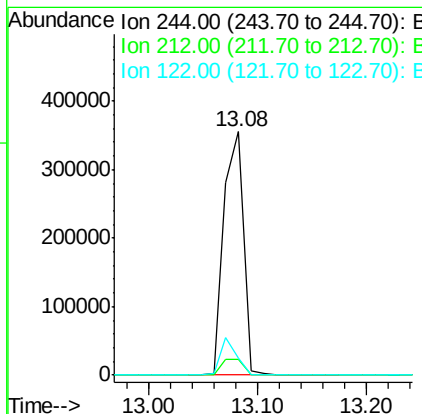
RT: 13.08 min Scan# 962

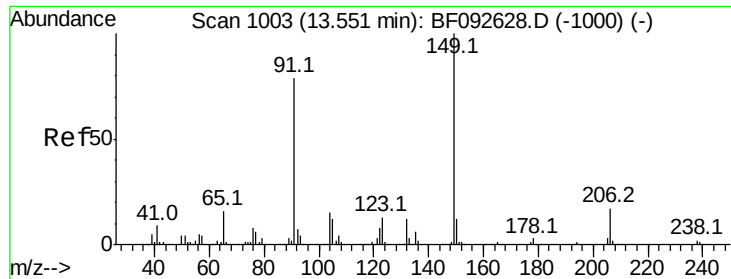
Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.2	9.2
122	7.1	11.4	17.2





#79

Butylbenzylphthalate

Concen: 32.77 ng

RT: 13.55 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

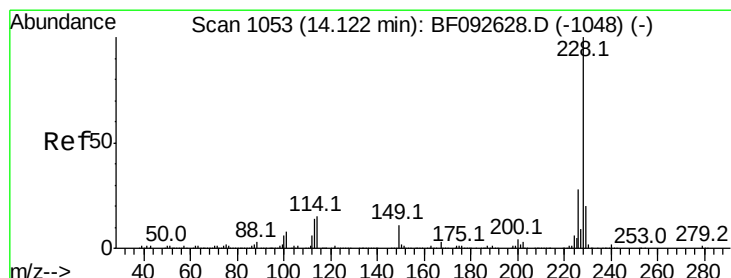
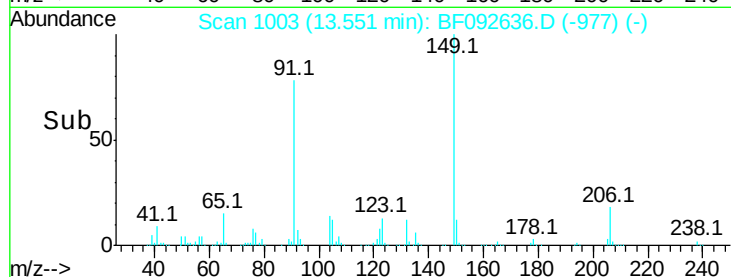
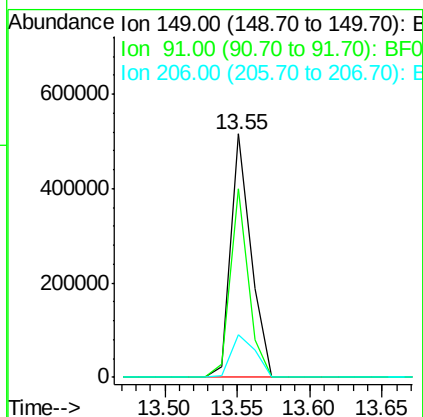
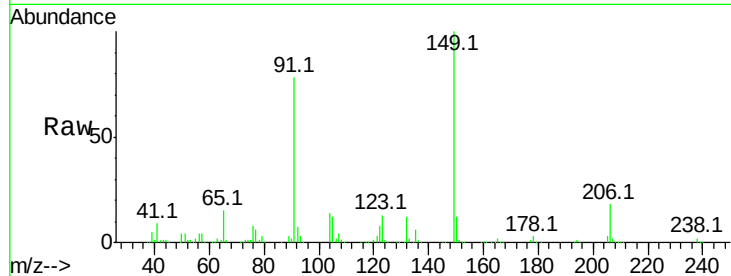
ClientSampleId :

0036DL

Tot Ion:	149	Resp:	501121
Ion Ratio	Lower	Upper	
149	100		
91	77.5	63.9	95.9
206	17.6	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 33.33 ng

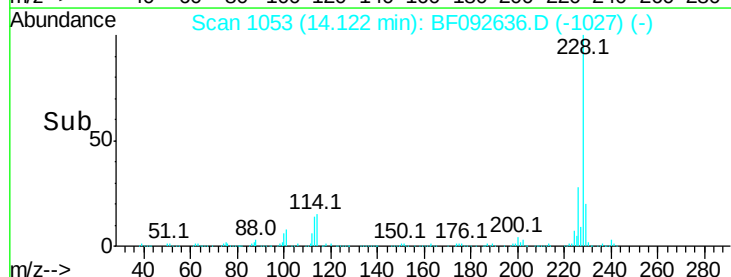
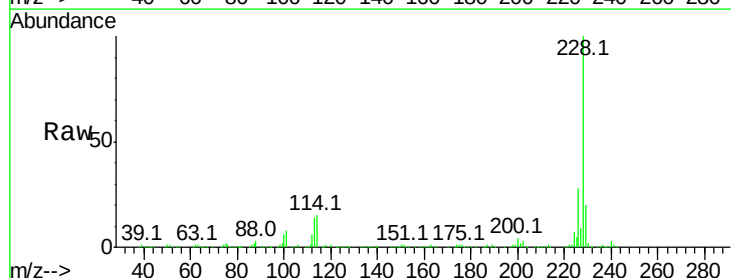
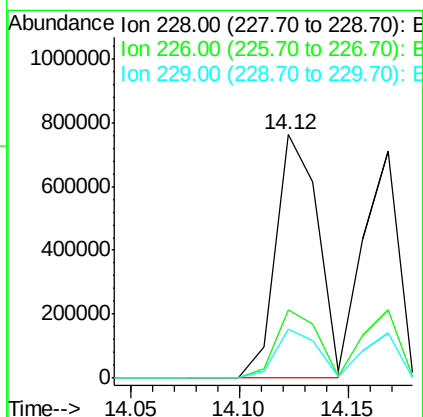
RT: 14.12 min Scan# 1053

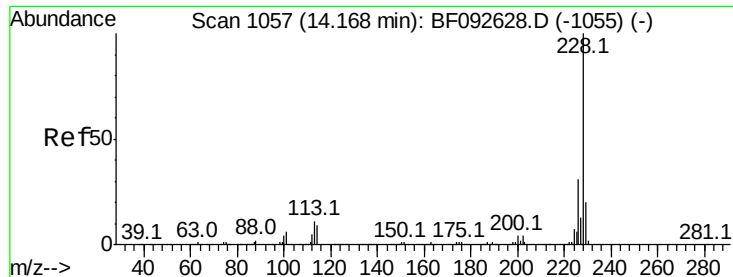
Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion:	228	Resp:	1025862
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.4	33.6
229	20.0	16.2	24.4





#82

Chrysene

Concen: 27.94 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

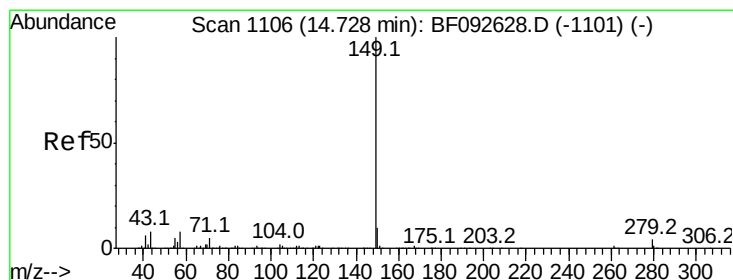
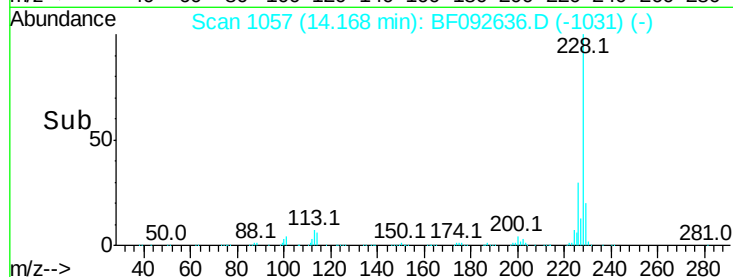
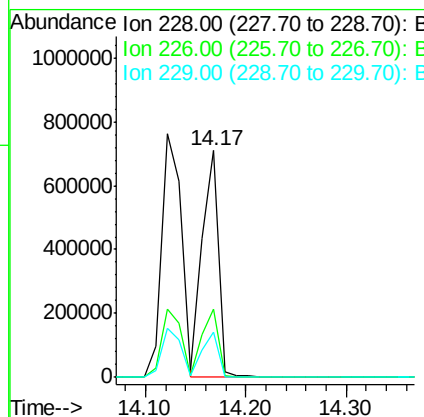
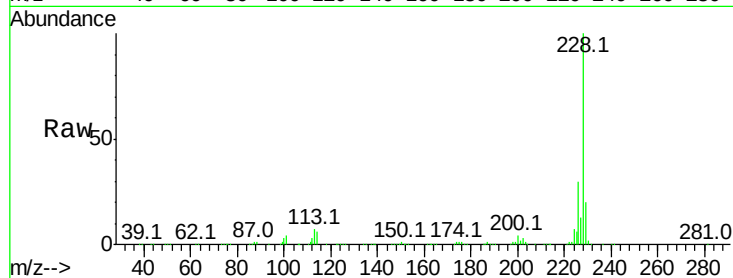
ClientSampleId :

0036DL

Tot Ion:	228	Resp:	805200
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.0
229	19.8	16.2	24.2

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#84

Di-n-octyl phthalate

Concen: 23.90 ng

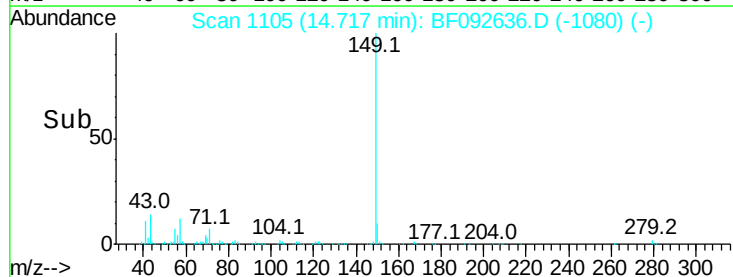
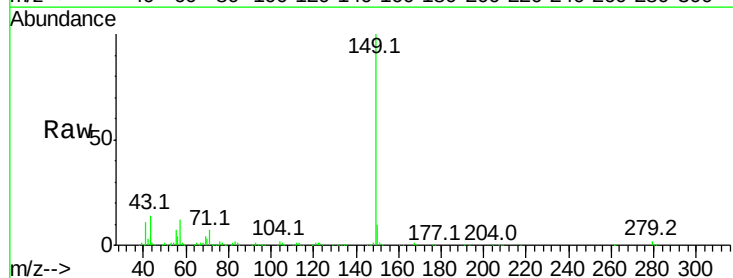
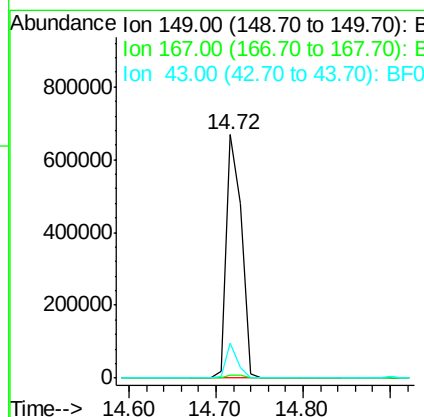
RT: 14.72 min Scan# 1105

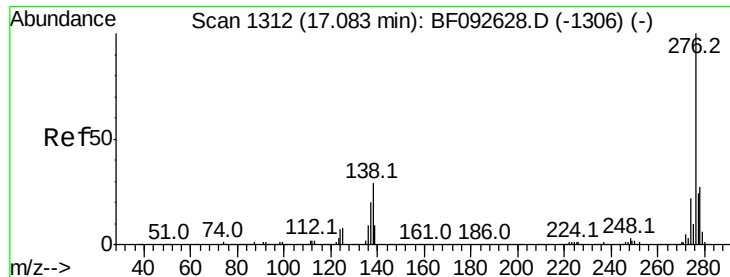
Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion:	149	Resp:	813893
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.3	1.9
43	11.3	8.9	13.3





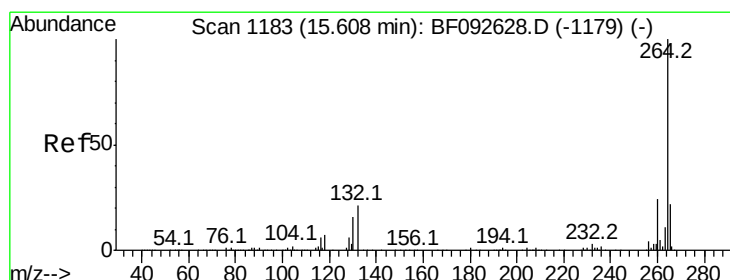
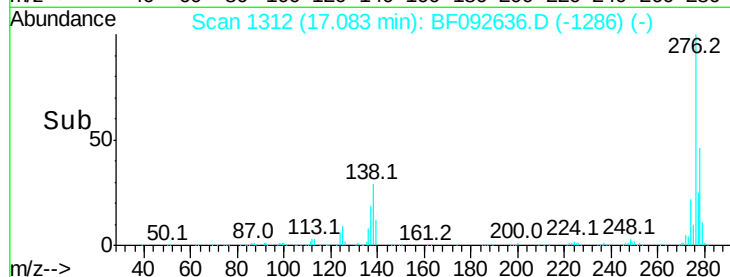
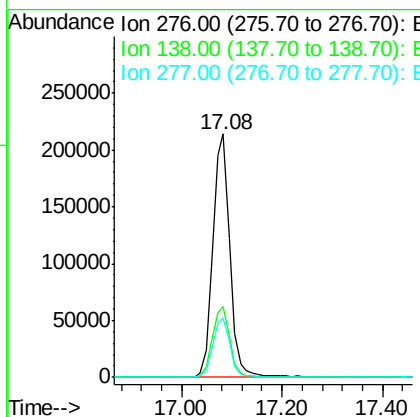
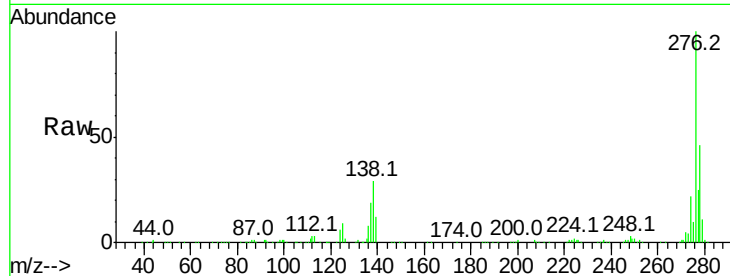
#85
Indeno(1,2,3-cd)pyrene
Concen: 22.45 ng
RT: 17.08 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleID :
0036DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	21.8	32.6
277	24.6	20.2	30.4

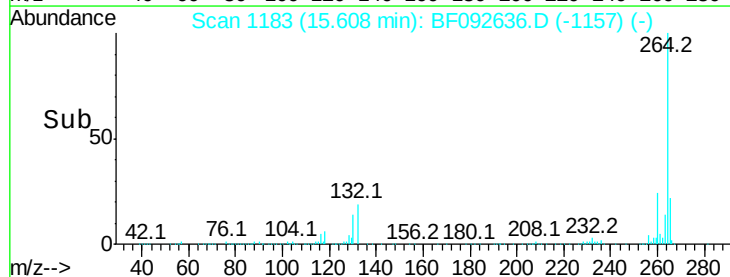
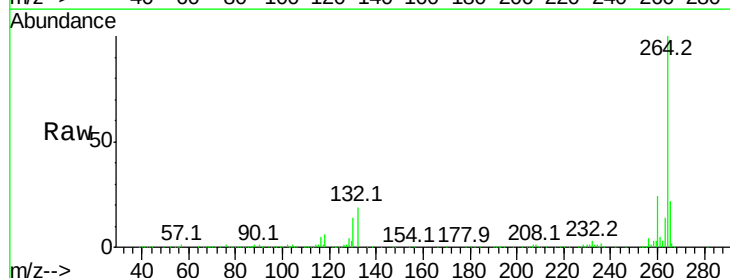
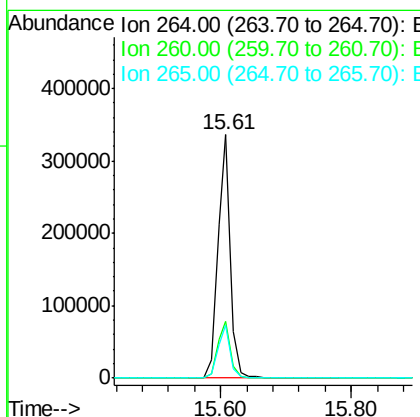
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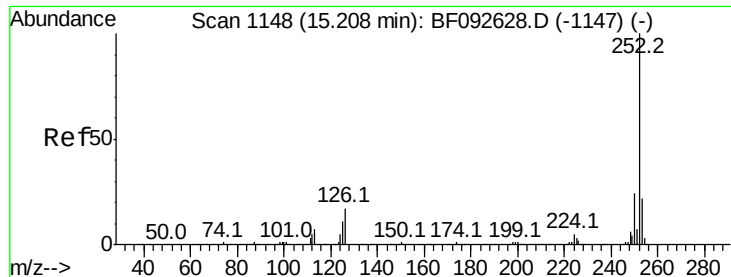
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.4	26.0





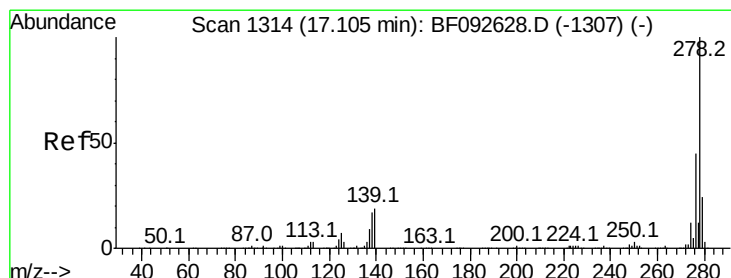
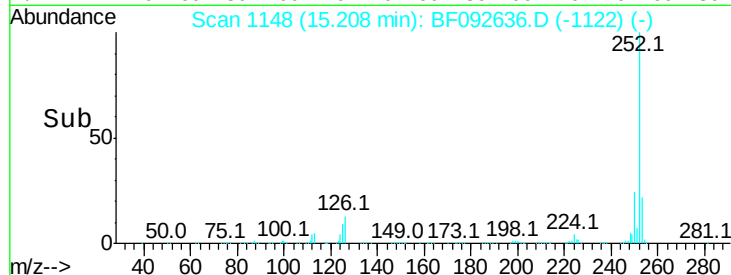
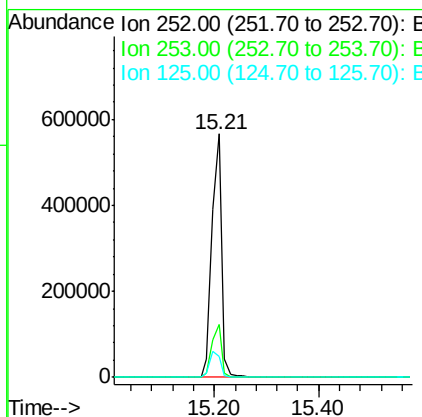
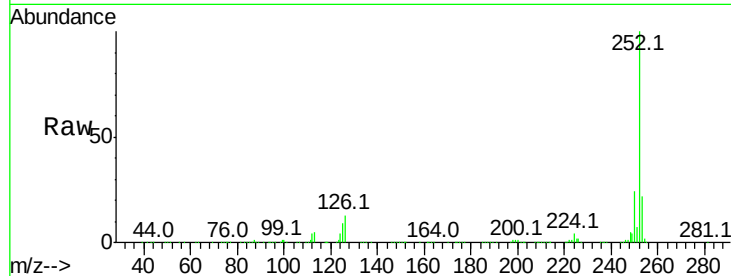
#88
Benzo(k)fluoranthene
Concen: 28.66 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	8.5	8.9	13.3#

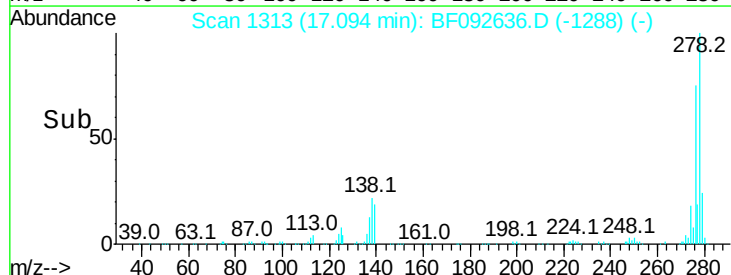
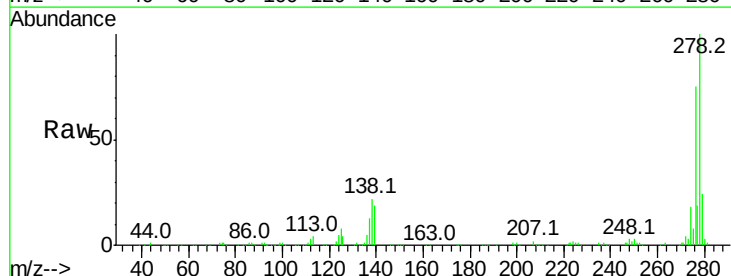
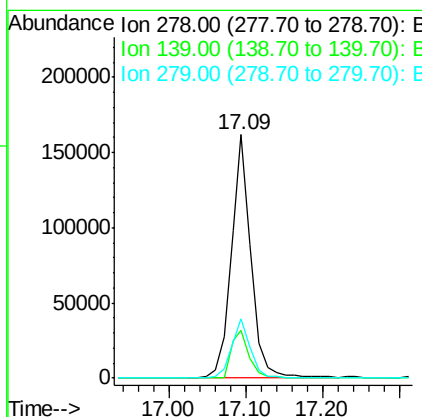
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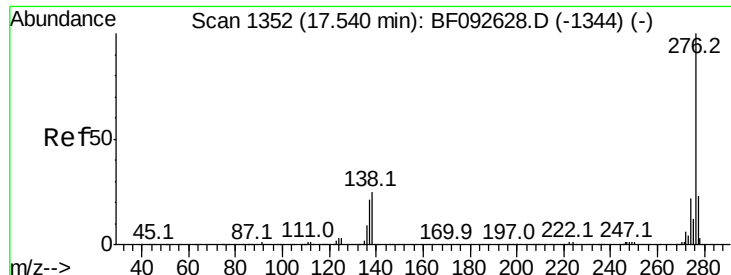
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 14.03 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	14.8	22.2
279	24.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 28.48 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.0	19.2	28.8	
138	28.7	16.0	24.0	

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