

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092517.D
 Acq On : 26 Jan 2017 11:20
 Operator : SJ/MA
 Sample : I1309-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:02:05 PM

Quant Time: Jan 27 07:51:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156500	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619846	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	348072	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	525970	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	350577	20.00	ng	-0.01
86) Perylene-d12	15.63	264	335476	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1317696	131.00	ng	0.02
7) Phenol-d6	6.60	99	1767016	137.91	ng	0.01
23) Nitrobenzene-d5	7.54	82	1098169	96.78	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	294798	124.28	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1651599	87.74	ng	-0.01
78) Terphenyl-d14	13.10	244	1357094	103.08	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	212987	39.81	ng	# 84
3) Pyridine	3.44	79	583459	38.31	ng	# 85
4) n-Nitrosodimethylamine	3.39	42	328737	44.00	ng	84
6) Aniline	6.64	93	359366	18.80	ng	# 44
8) 2-Chlorophenol	6.75	128	486262	46.02	ng	90
9) Benzaldehyde	6.51	77	379945	41.79	ng	90
10) Phenol	6.61	94	832491	53.83	ng	# 71
11) bis(2-Chloroethyl)ether	6.70	93	510529	44.12	ng	92
12) 1,3-Dichlorobenzene	6.91	146	571042m	45.70	ng	
13) 1,4-Dichlorobenzene	6.99	146	592893	47.14	ng	93
14) 1,2-Dichlorobenzene	7.14	146	508066	42.58	ng	99
15) Benzyl Alcohol	7.12	79	507279	52.54	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	988734	43.20	ng	93
17) 2-Methylphenol	7.22	107	453511	50.24	ng	98
18) Hexachloroethane	7.48	117	191246	44.14	ng	# 86
19) n-Nitroso-di-n-propylamine	7.39	70	369677	42.37	ng	93
20) 3+4-Methylphenols	7.38	107	522565	47.71	ng	96
22) Acetophenone	7.38	105	732080	49.59	ng	# 84
24) Nitrobenzene	7.56	77	612905	51.56	ng	# 85
25) Isophorone	7.80	82	1079652	48.28	ng	99
26) 2-Nitrophenol	7.87	139	267875	53.78	ng	90
27) 2,4-Dimethylphenol	7.92	122	525869	50.76	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	621935	42.37	ng	99
29) 2,4-Dichlorophenol	8.12	162	464530	51.72	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	442679	45.60	ng	96
31) Naphthalene	8.28	128	1385978	43.69	ng	99
32) Benzoic acid	8.01	122	175013	25.08	ng	98
33) 4-Chloroaniline	8.33	127	112070	8.35	ng	98
34) Hexachlorobutadiene	8.41	225	245646	46.26	ng	98
35) Caprolactam	8.70	113	152142m	50.72	ng	
36) 4-Chloro-3-methylphenol	8.82	107	493018	50.90	ng	96
37) 2-Methylnaphthalene	8.98	142	913348	45.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	457078	52.06	ng	100
40) Hexachlorocyclopentadiene	9.14	237	267604	60.86	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	330030	49.06	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	316689	51.45	nq	# 91
45) 1,1'-Biphenyl	9.45	154	1102059	43.80	nq	97
46) 2-Chloronaphthalene	9.47	162	856385	41.67	nq	96
47) 2-Nitroaniline	9.56	65	295266	42.67	nq	92
48) Acenaphthylene	9.89	152	1490628	49.45	nq	99
49) Dimethylphthalate	9.76	163	1310078	59.19	nq	100
50) 2,6-Dinitrotoluene	9.81	165	262944	58.12	nq	96
51) Acenaphthene	10.06	154	901331	48.12	nq	97
52) 3-Nitroaniline	9.97	138	109323	19.29	nq	99
53) 2,4-Dinitrophenol	10.08	184	93236	43.92	nq	# 36
54) Dibenzofuran	10.24	168	1245449	48.97	nq	95
55) 4-Nitrophenol	10.14	139	434985	96.67	nq	# 65
56) 2,4-Dinitrotoluene	10.21	165	299815	49.93	nq	98
57) Fluorene	10.58	166	956223	50.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	246974	53.55	nq	99
59) Diethylphthalate	10.45	149	1008692	47.53	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	396135	43.31	nq	92
61) 4-Nitroaniline	10.59	138	232290	40.99	nq	95
62) Azobenzene	10.73	77	1100093	45.55	nq	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	95781	35.26	nq	90
65) n-Nitrosodiphenylamine	10.69	169	886749	53.99	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	249637	47.01	nq	97
67) Hexachlorobenzene	11.13	284	260921	48.61	nq	# 92
68) Atrazine	11.22	200	275209	48.95	nq	98
69) Pentachlorophenol	11.32	266	304637	88.76	nq	98
70) Phenanthrene	11.54	178	1282528	44.28	nq	99
71) Anthracene	11.60	178	1460888	51.61	nq	98
72) Carbazole	11.74	167	1224462	45.30	nq	99
73) Di-n-butylphthalate	12.08	149	1471390	47.61	nq	98
74) Fluoranthene	12.73	202	1220048	43.06	nq	97
76) Benzidine	12.85	184	406997	31.27	nq	98
77) Pyrene	12.96	202	1177242	46.35	nq	99
79) Butylbenzylphthalate	13.57	149	557394	54.16	nq	97
80) Benzo(a)anthracene	14.15	228	868940	46.12	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	290614	40.62	nq	# 95
82) Chrysene	14.18	228	817339	40.62	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	688536	53.13	nq	100
84) Di-n-octyl phthalate	14.75	149	1276000	54.23	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	932872	62.66	nq	# 94
87) Benzo(b)fluoranthene	15.20	252	870594	40.42	nq	99
88) Benzo(k)fluoranthene	15.23	252	880223m	49.15	nq	
89) Benzo(a)pyrene	15.57	252	880535	48.33	nq	97
90) Dibenzo(a,h)anthracene	17.14	278	786438	53.38	nq	98
91) Benzo(g,h,i)perylene	17.56	276	760294	51.03	nq	# 92

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

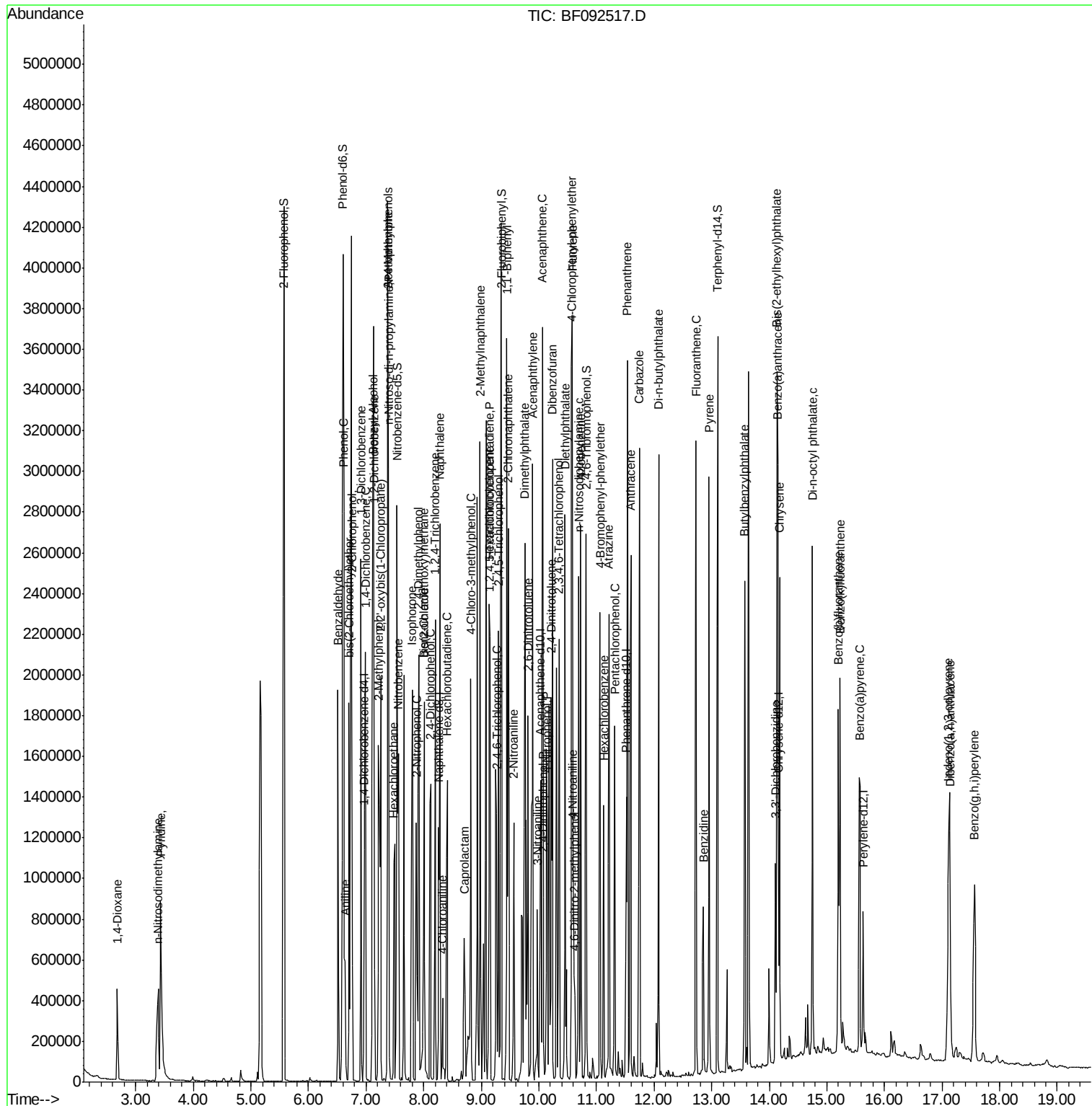
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ALS Vial  : 8      Sample Multiplier: 1
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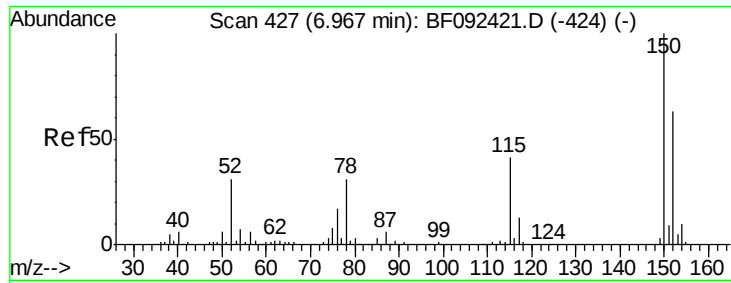
Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

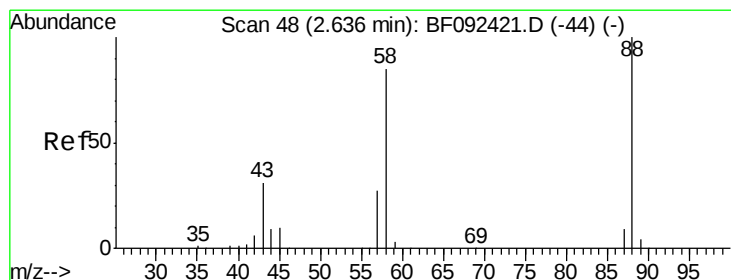
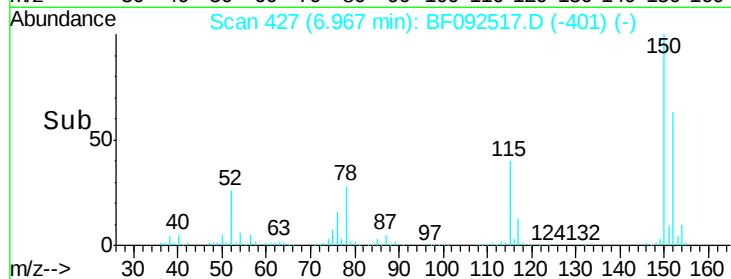
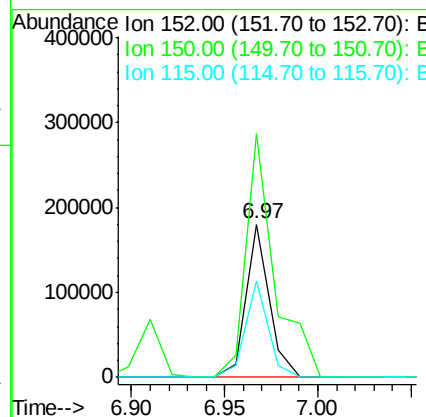
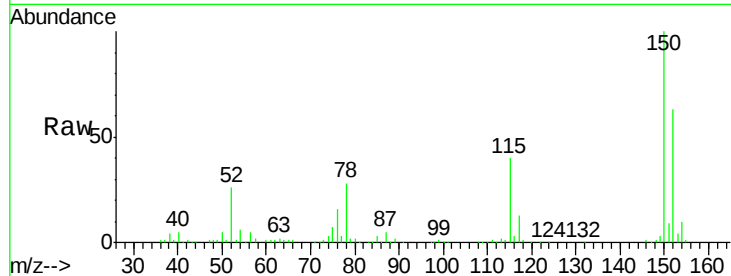
ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion:	152	Resp:	156500
Ion Ratio	Lower	Upper	
152	100		
150	159.2	124.9	187.3
115	63.2	46.0	69.0

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#2

1,4-Dioxane

Concen: 39.81 ng

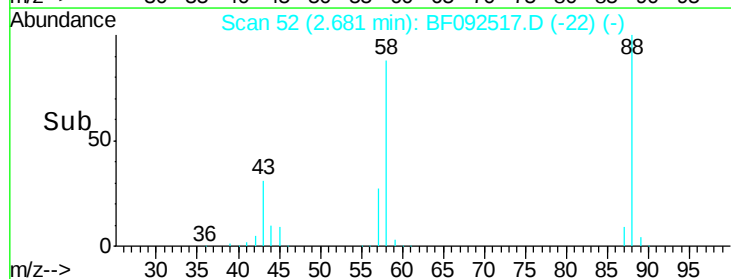
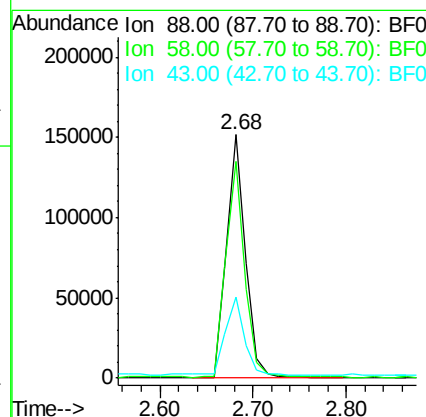
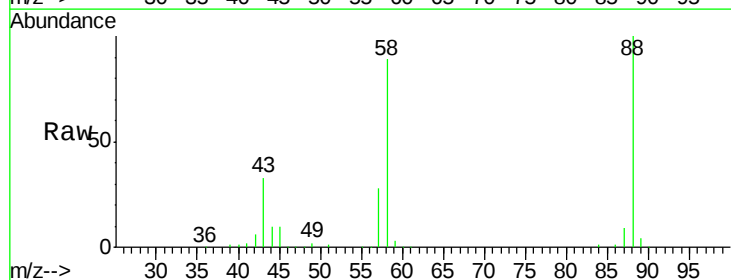
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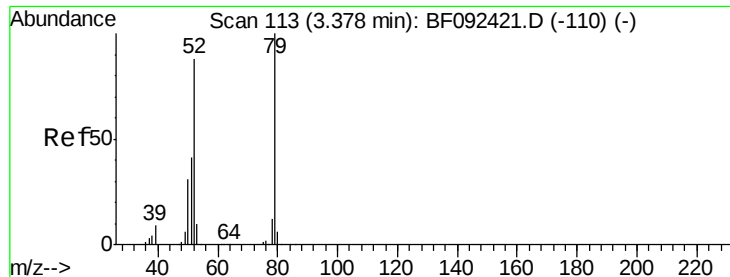
Delta R.T. 0.05 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:	88	Resp:	212987
Ion Ratio	Lower	Upper	
88	100		
58	88.2	57.8	86.8#
43	32.2	22.3	33.5





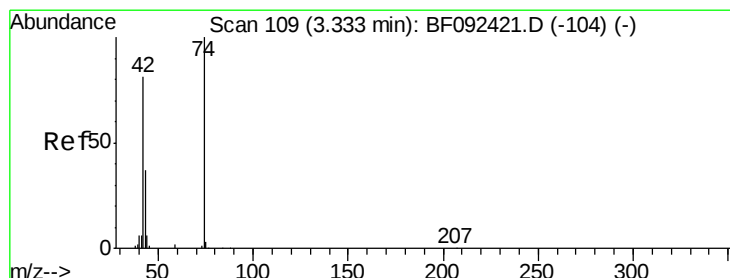
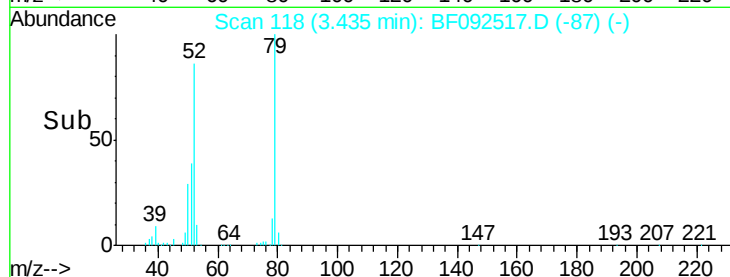
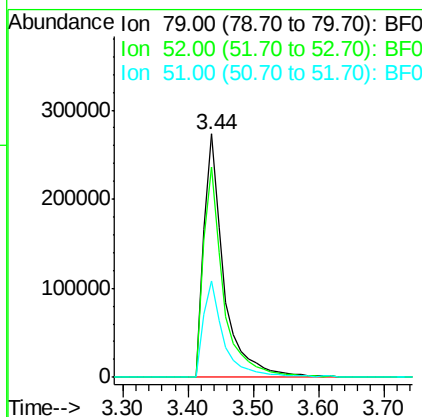
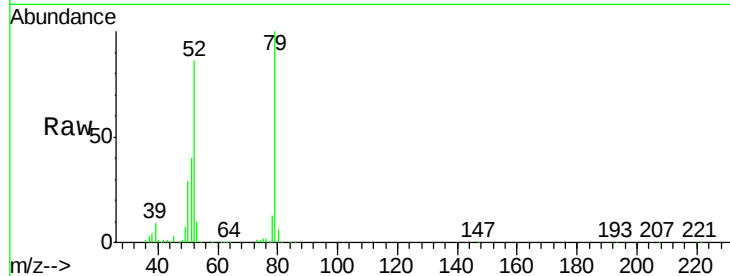
#3
 Pvridine
 Concen: 38.31 ng
 RT: 3.44 min Scan# 118
 Delta R.T. 0.06 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.4	57.1	85.7#
51	39.6	27.3	40.9

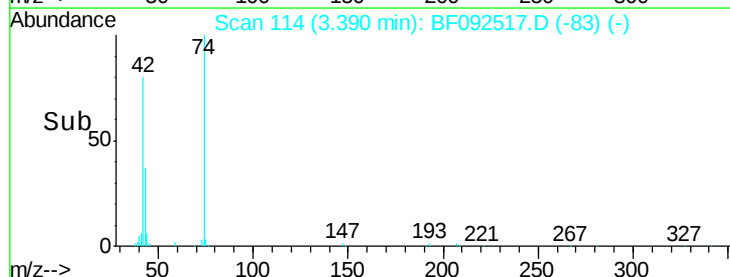
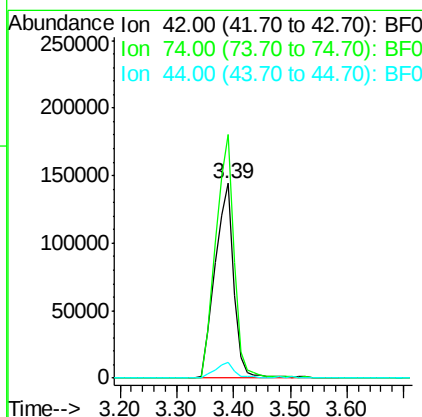
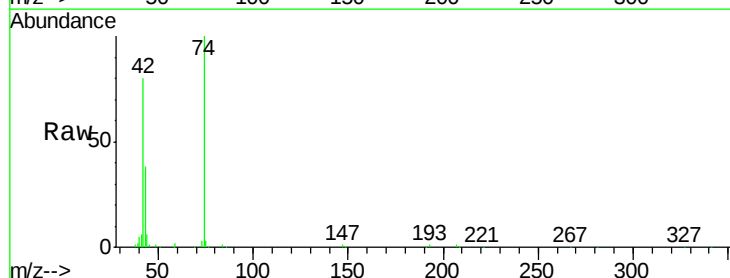
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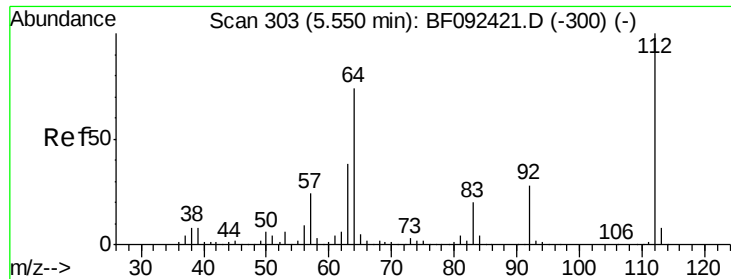
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#4
 n-Nitrosodimethylamine
 Concen: 44.00 ng
 RT: 3.39 min Scan# 114
 Delta R.T. 0.06 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.0	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 131.00 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

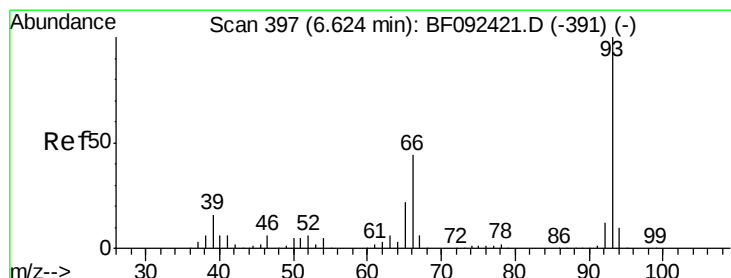
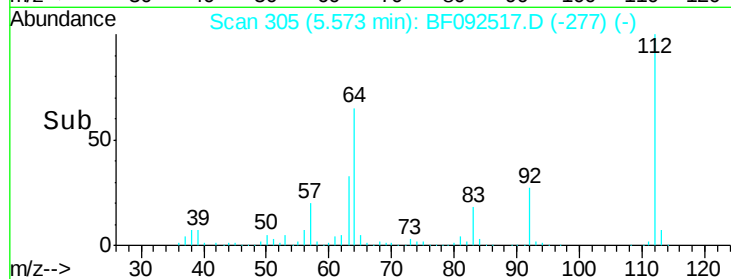
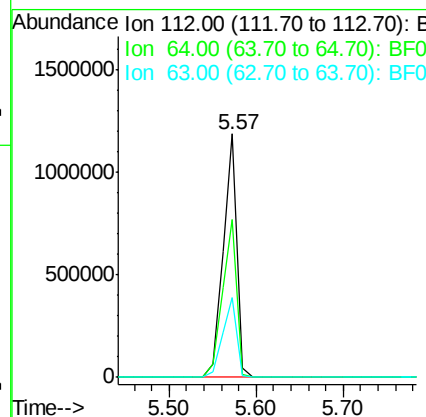
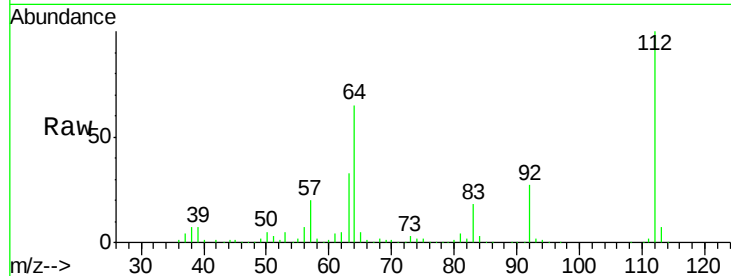
ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion:	112	Resp:	1317696
Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.1	69.1
63	33.0	23.8	35.6

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#6

Aniline

Concen: 18.80 ng

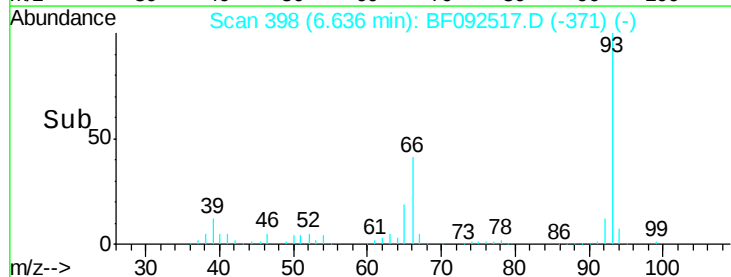
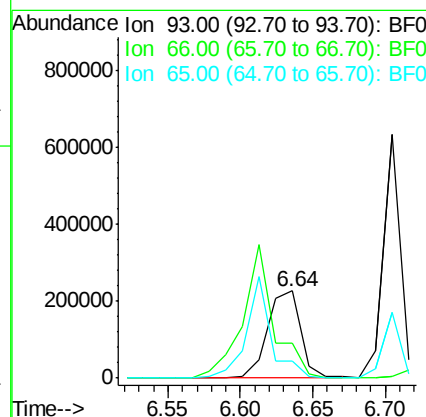
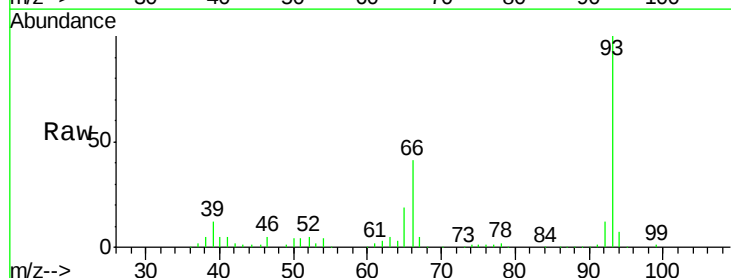
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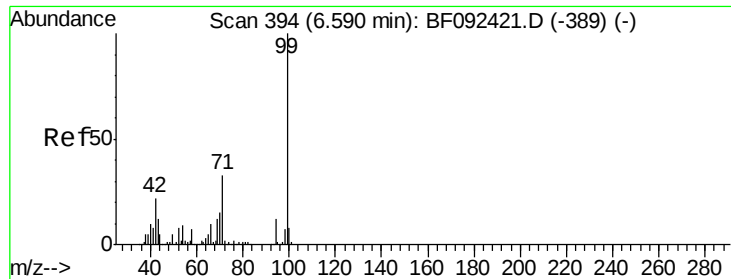
Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:	93	Resp:	359366
Ion	Ratio	Lower	Upper
93	100		
66	40.5	76.2	114.2#
65	19.3	49.3	73.9#





#7

Phenol-d6

Concen: 137.91 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion: 99 Resp: 1767016

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

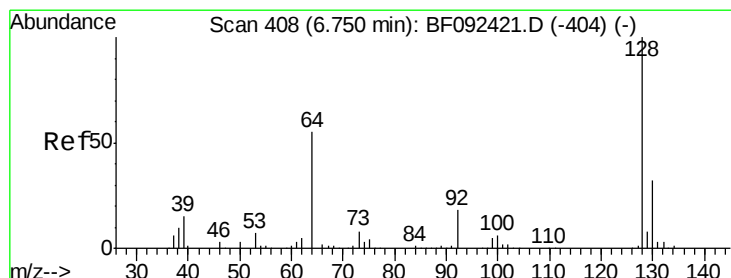
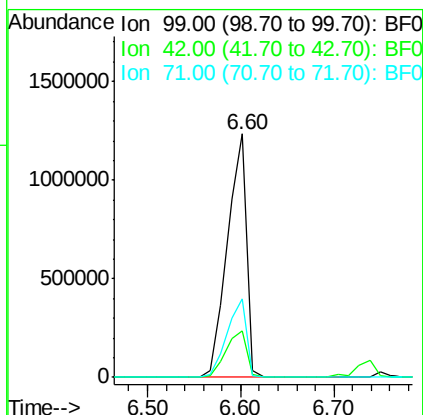
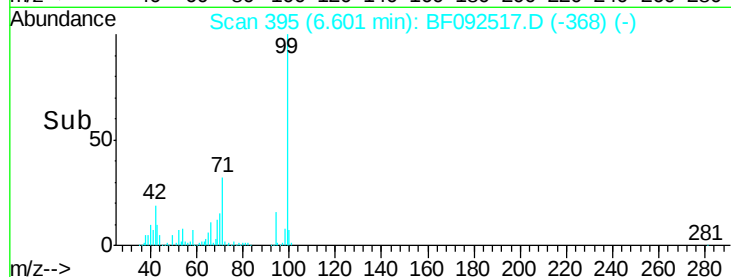
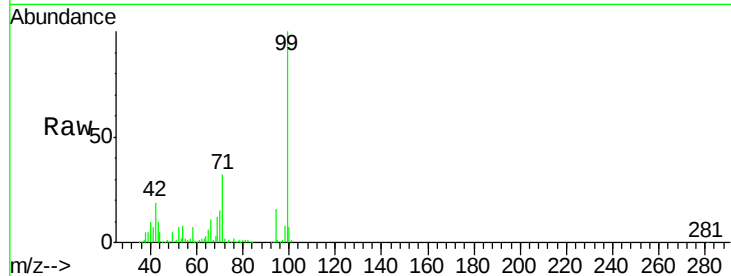
71 32.5 27.5 41.3

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#8

2-Chlorophenol

Concen: 46.02 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

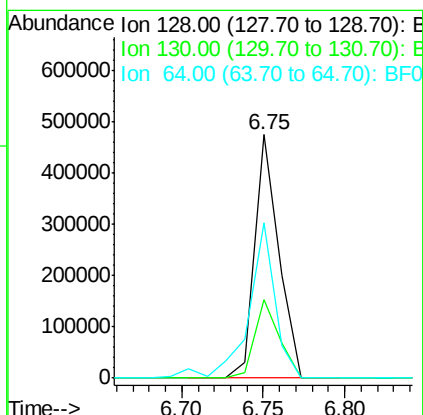
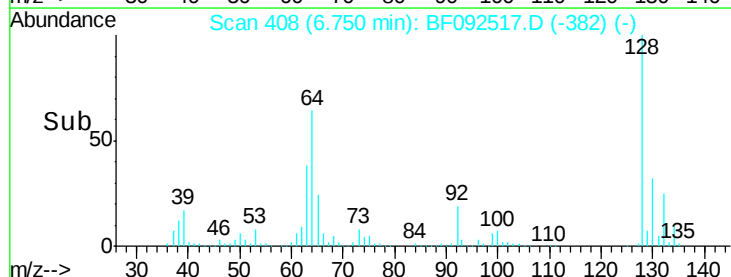
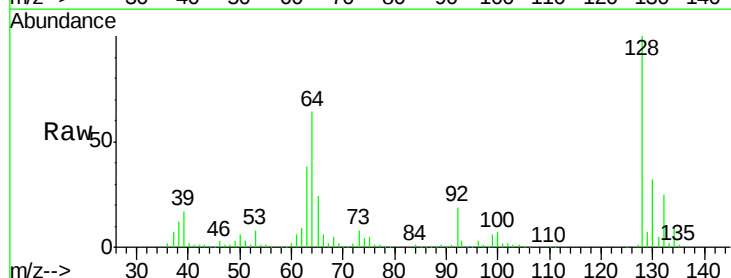
Tgt Ion: 128 Resp: 486262

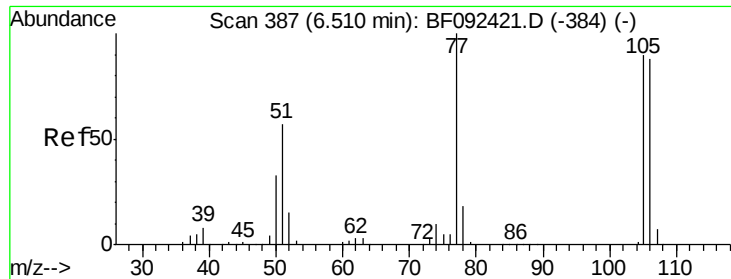
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 64.0 32.2 72.2





#9

Benzaldehyde

Concen: 41.79 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

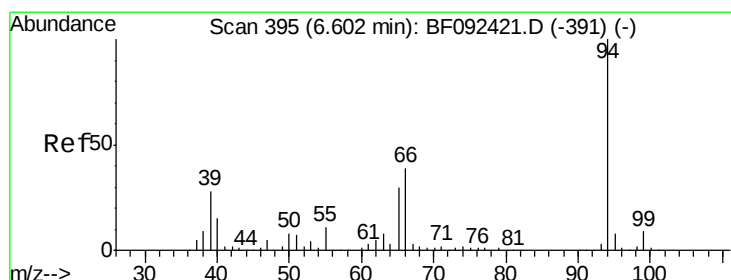
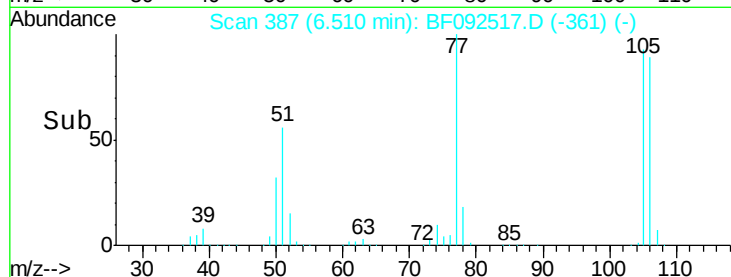
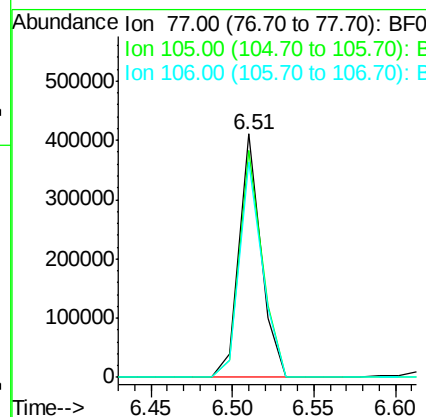
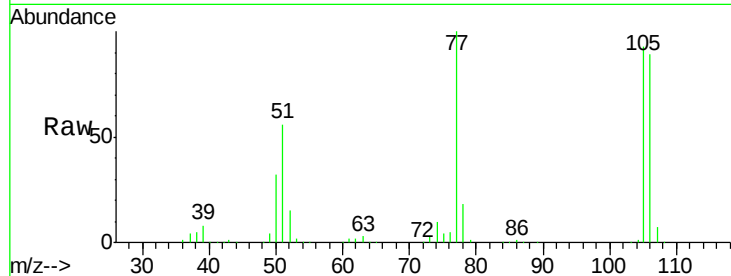
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Tot Ion:	77	Resp:	379945
Ion	Ratio	Lower	Upper
77	100		
105	93.1	83.9	123.9
106	88.7	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 53.83 ng

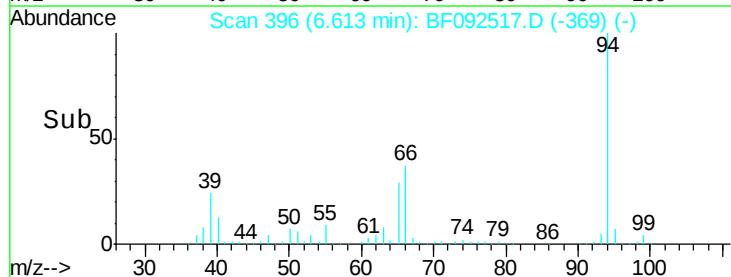
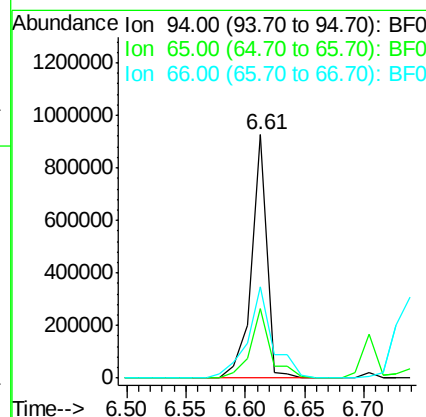
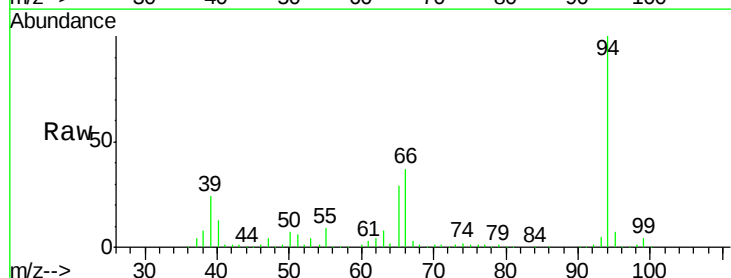
RT: 6.61 min Scan# 396

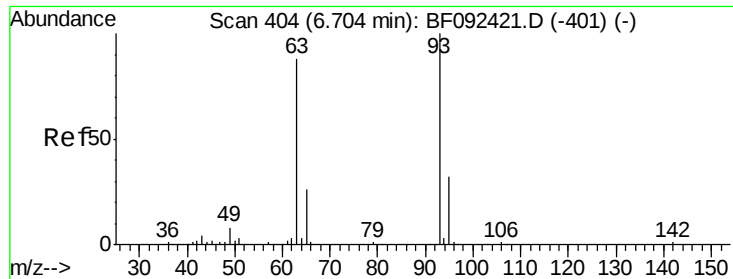
Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:	94	Resp:	832491
Ion	Ratio	Lower	Upper
94	100		
65	28.5	21.4	61.4
66	37.4	44.0	84.0#





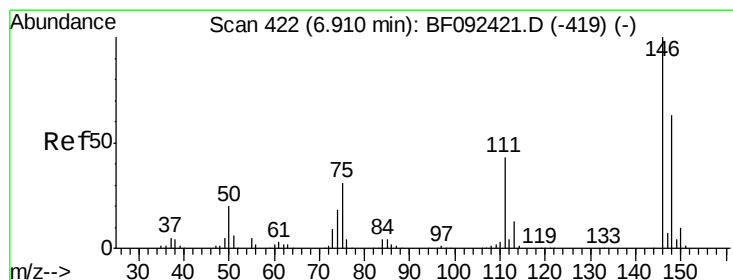
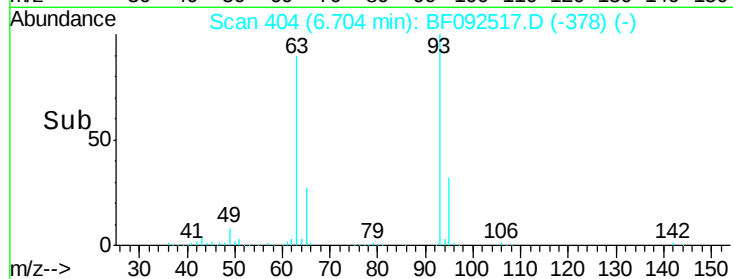
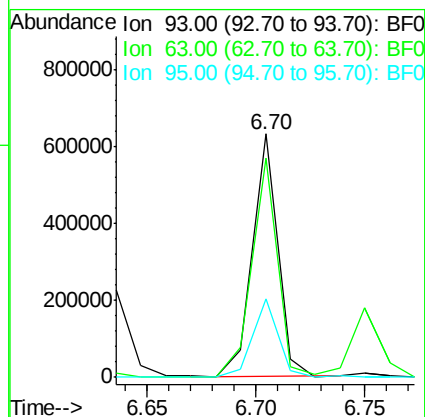
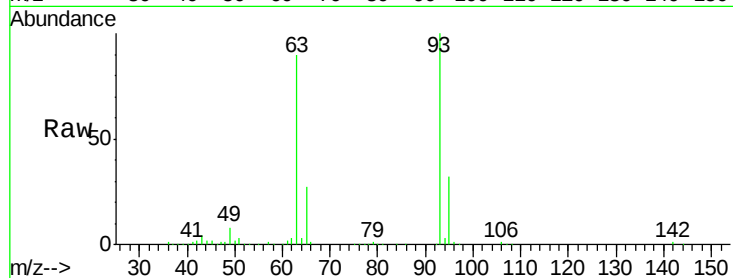
#11
bis(2-Chloroethyl)ether
Concen: 44.12 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.0	60.4	100.4
95	32.4	12.8	52.8

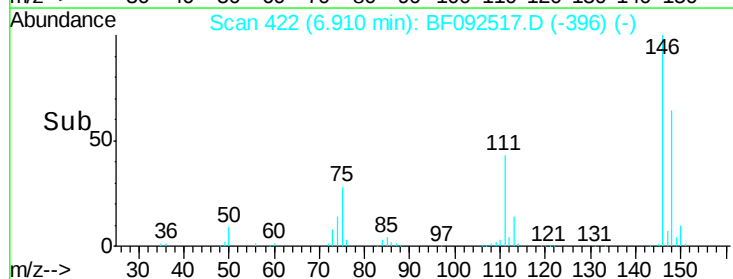
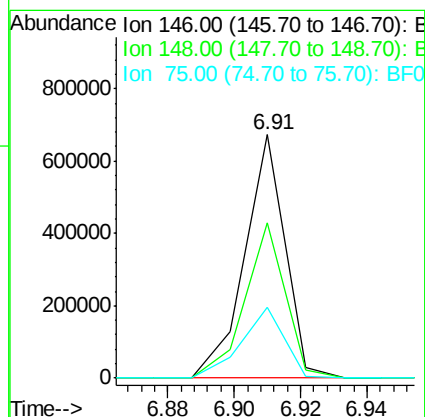
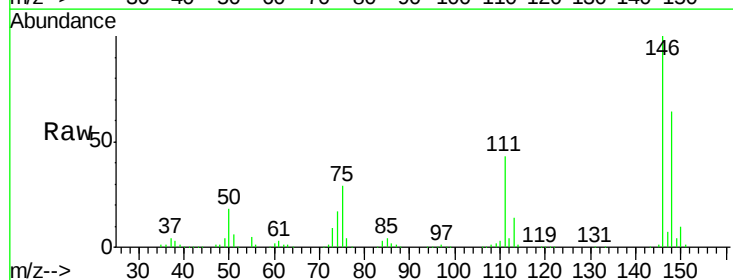
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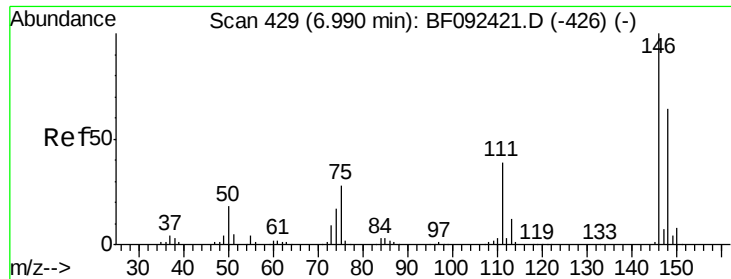
mohammad
1/27/2017 3:02:05 PM



#12
1,3-Dichlorobenzene
Concen: 45.70 ng m
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	29.1	18.5	27.7#





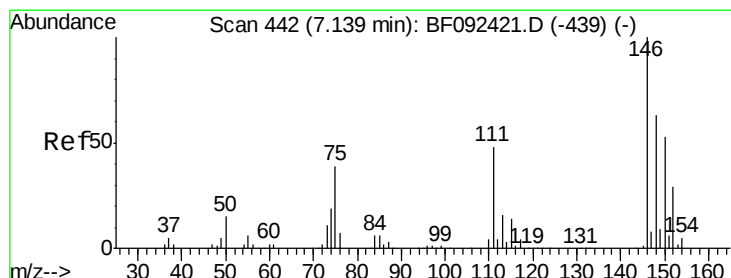
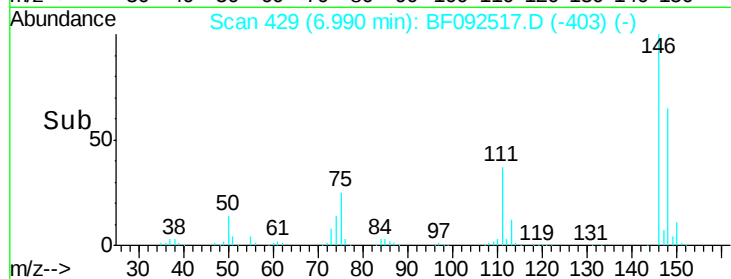
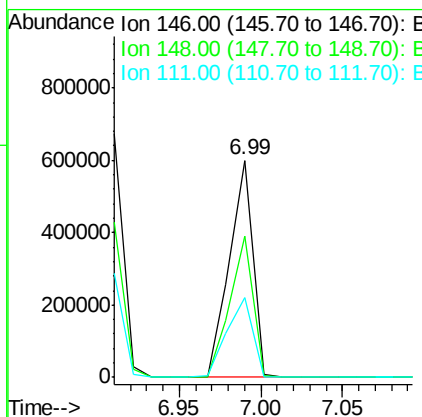
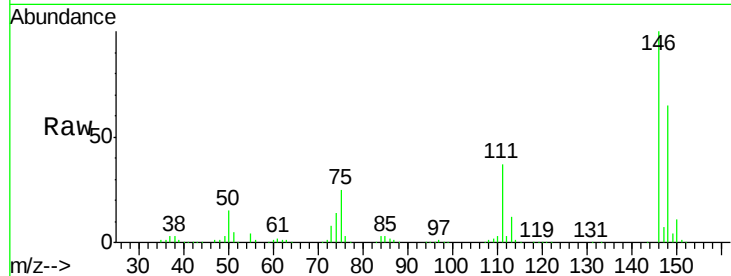
#13
 1,4-Dichlorobenzene
 Concen: 47.14 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	76.0
111	36.9	36.2	54.4

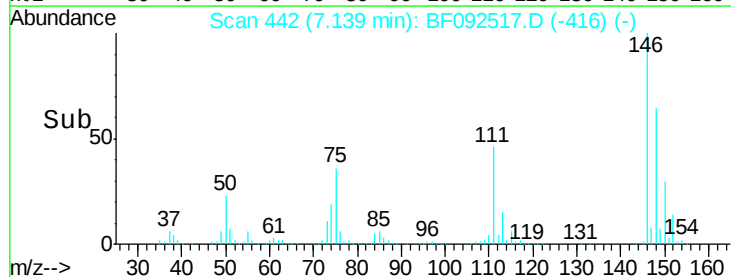
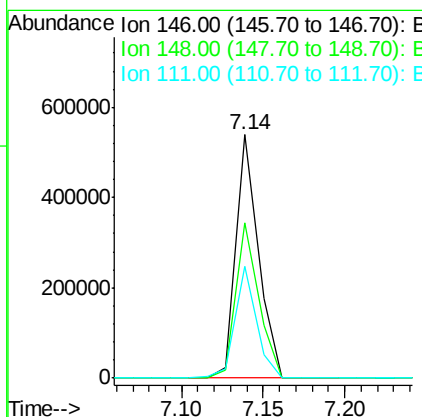
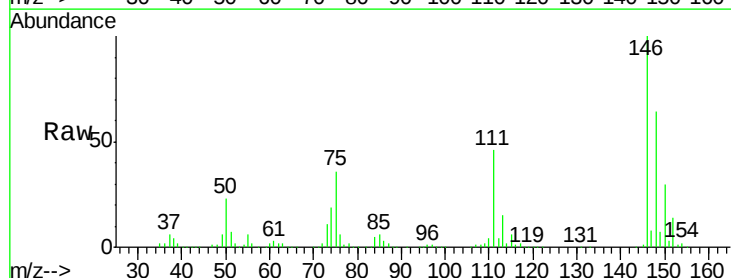
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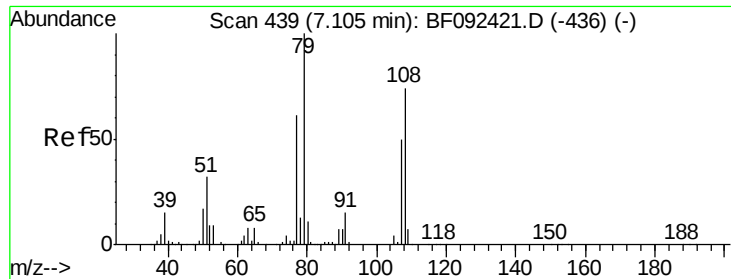
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.58 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	45.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 52.54 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

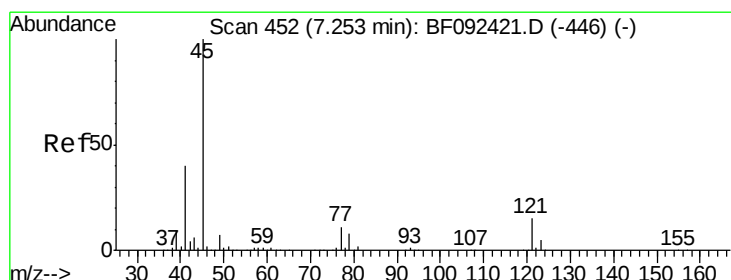
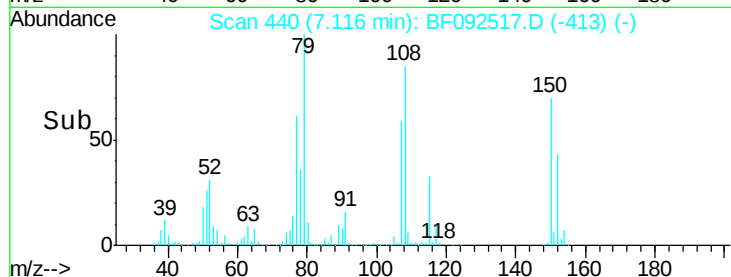
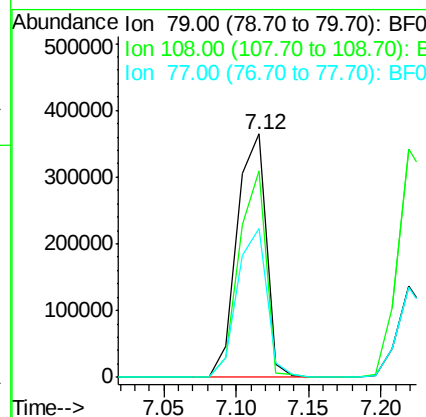
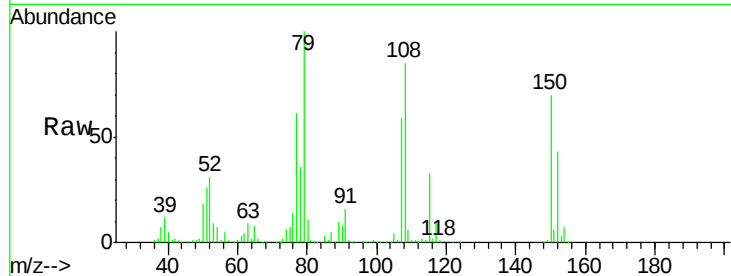
ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion:	79	Resp:	507279
Ion	Ratio	Lower	Upper
79	100		
108	84.8	61.4	92.0
77	61.2	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.20 ng

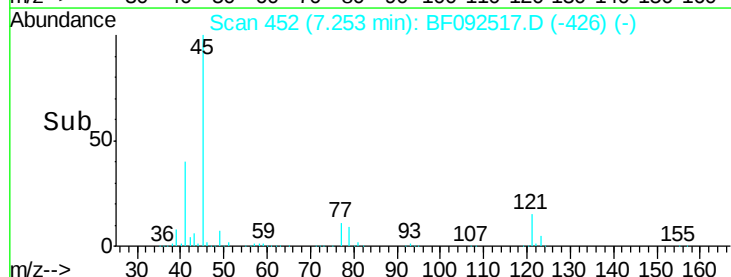
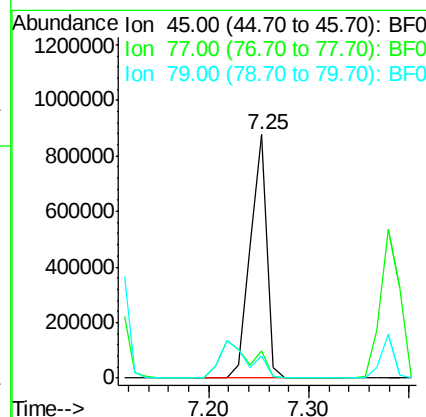
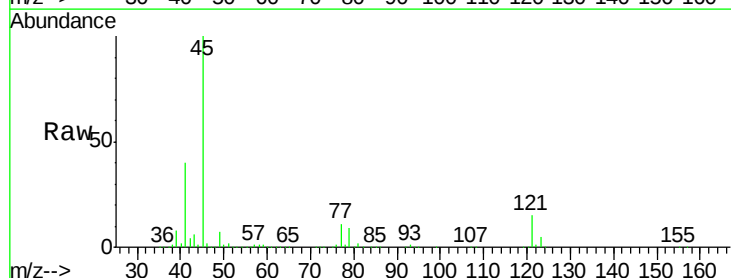
RT: 7.25 min Scan# 452

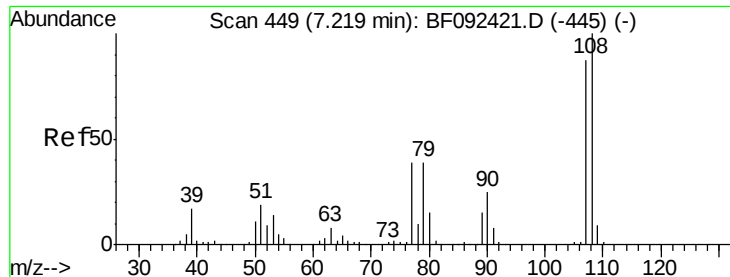
Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:	45	Resp:	988734
Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	34.6
79	9.0	0.0	31.2





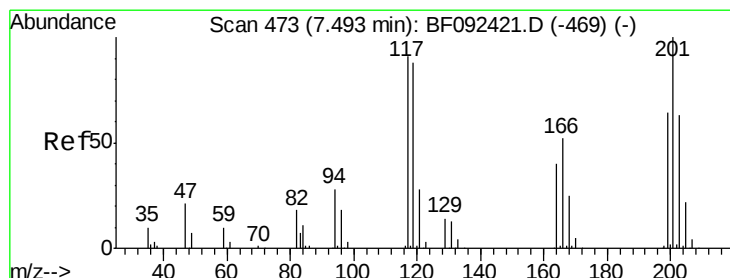
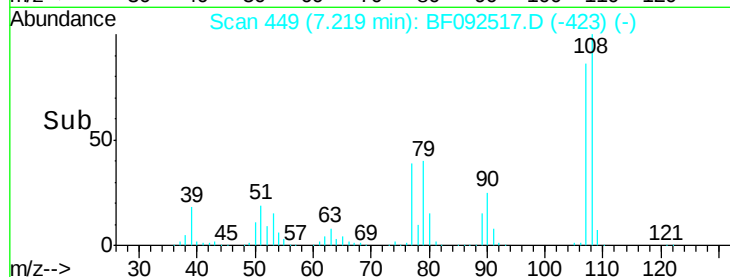
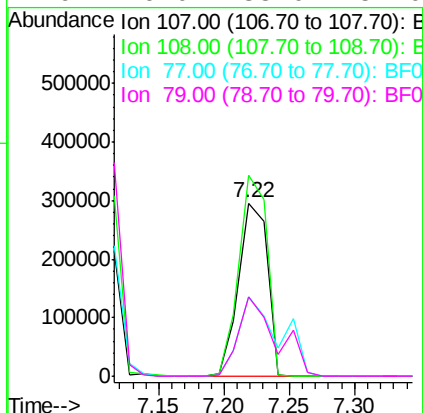
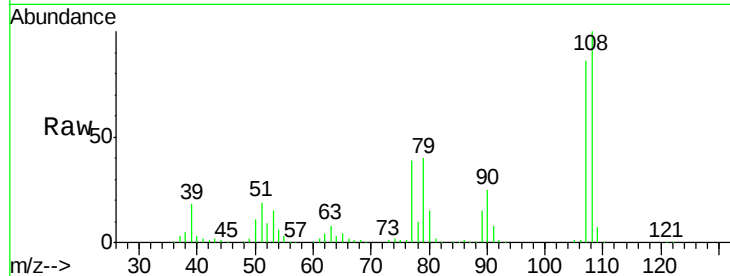
#17
2-Methylphenol
Concen: 50.24 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	453511		
108	116.0	93.0	139.6	
77	45.7	39.8	59.8	
79	46.0	38.0	57.0	

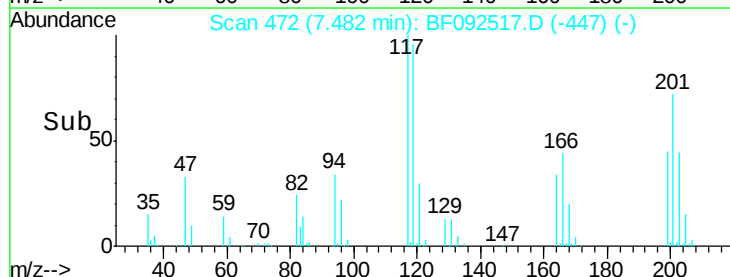
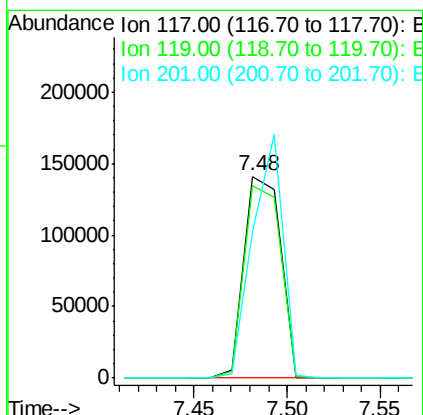
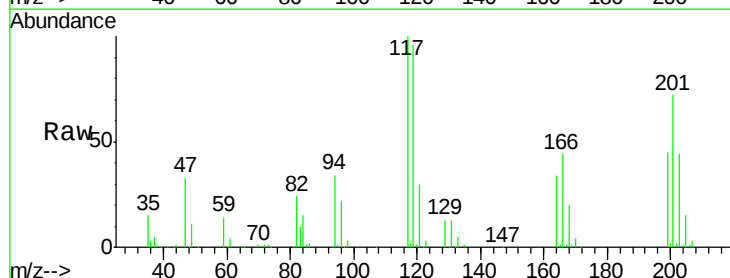
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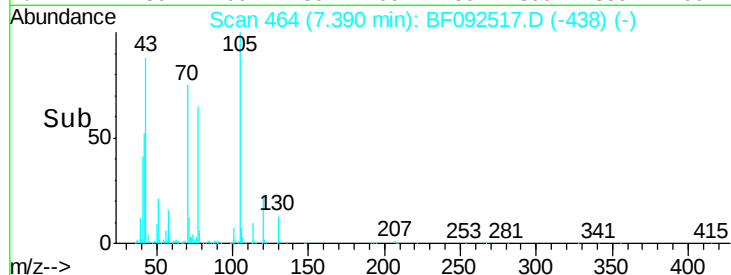
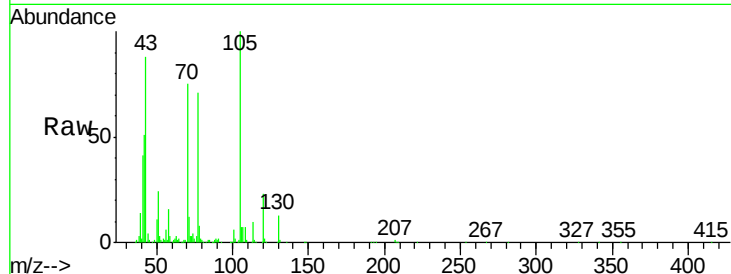
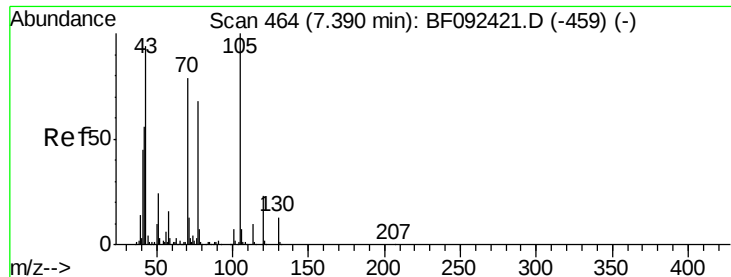
mohammad
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#18
Hexachloroethane
Concen: 44.14 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	191246		
119	95.5	78.1	117.1	
201	72.2	78.6	117.8#	





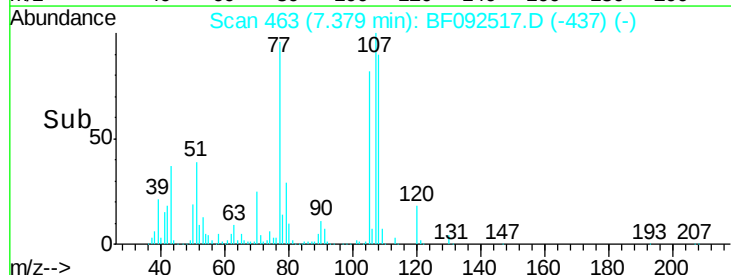
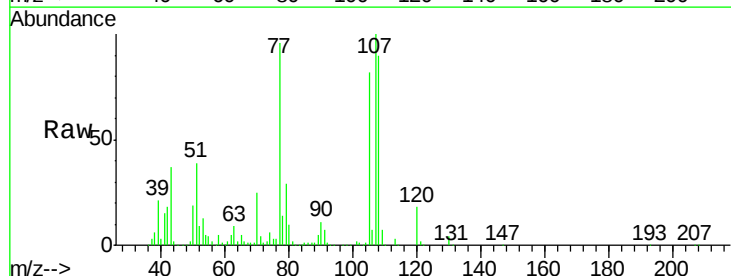
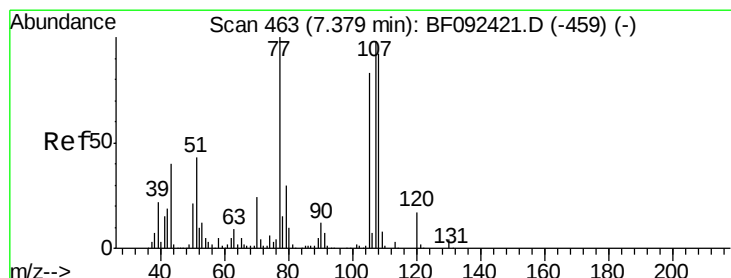
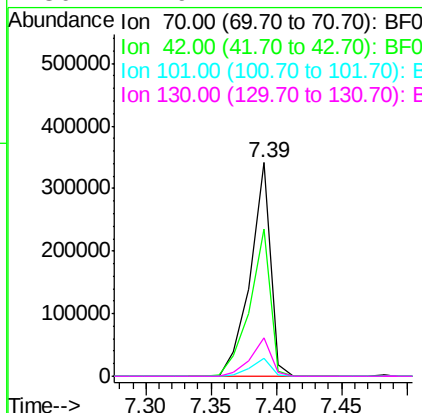
#19
n-Nitroso-di-n-propylamine
Concen: 42.37 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

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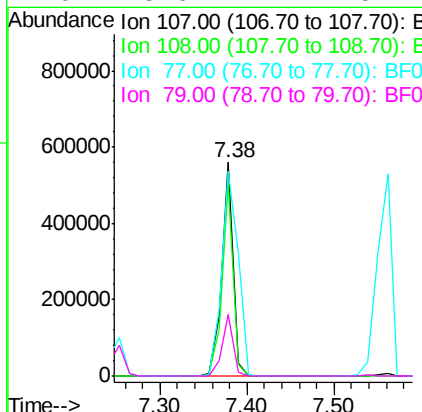
mohammad
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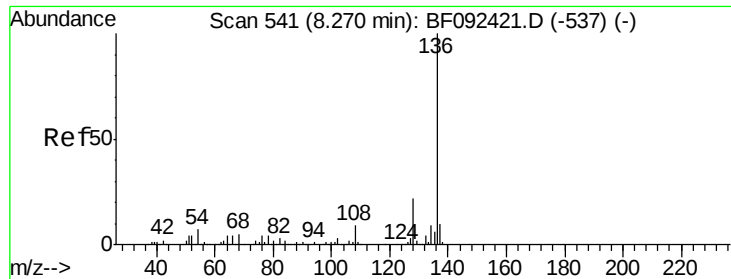
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.7	49.4	74.0		
101	8.6	7.4	11.2		
130	17.9	14.2	21.4		



#20
3+4-Methylphenols
Concen: 47.71 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.2	73.0	113.0		
77	96.0	71.3	111.3		
79	28.6	11.1	51.1		





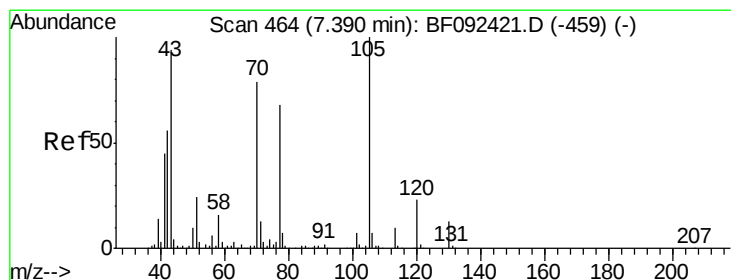
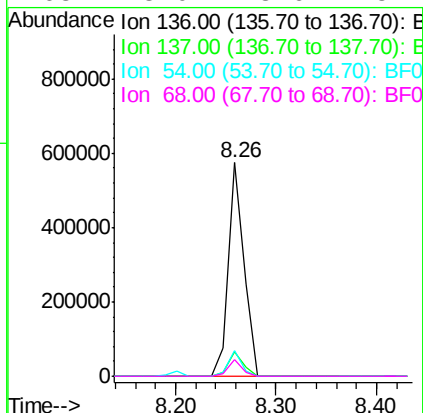
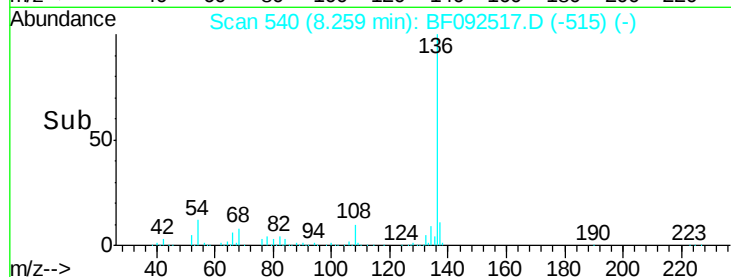
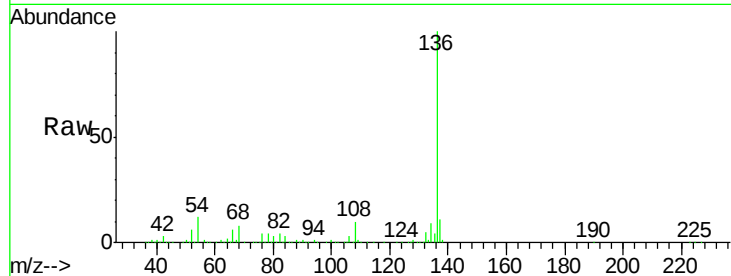
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	619846		
137	11.1	8.4	12.6	
54	12.1	4.5	6.7#	
68	8.0	3.6	5.4#	

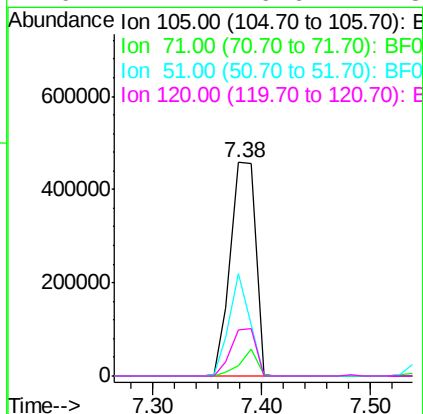
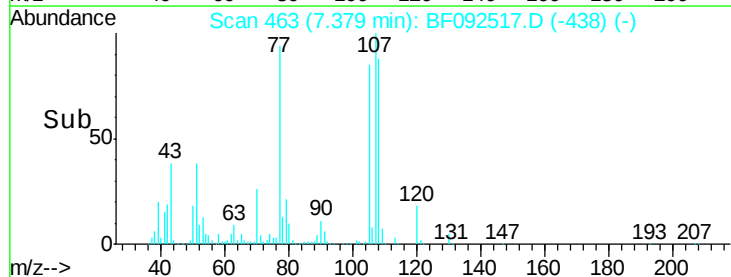
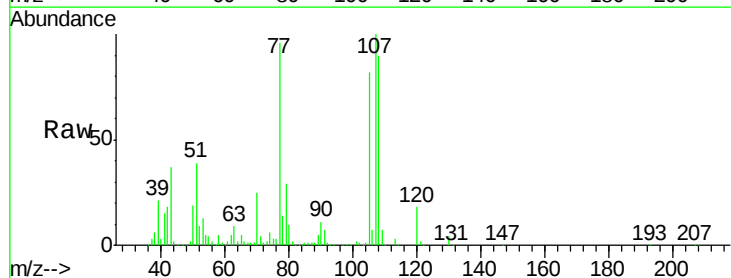
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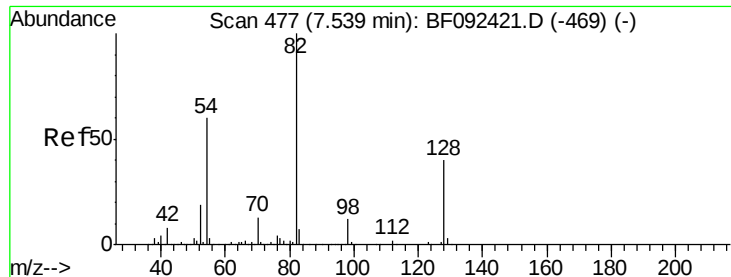
mohammad
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#22
Acetophenone
Concen: 49.59 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	732080		
71	5.0	3.2	4.8#	
51	47.9	26.2	39.4#	
120	21.4	16.6	24.8	





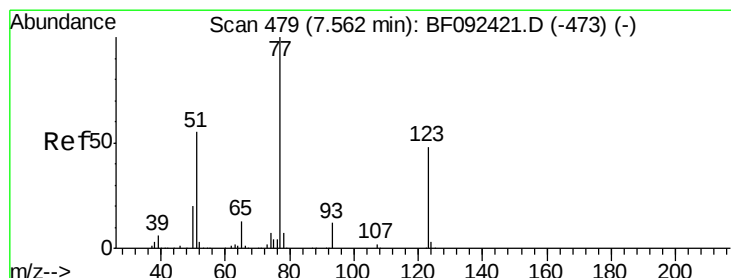
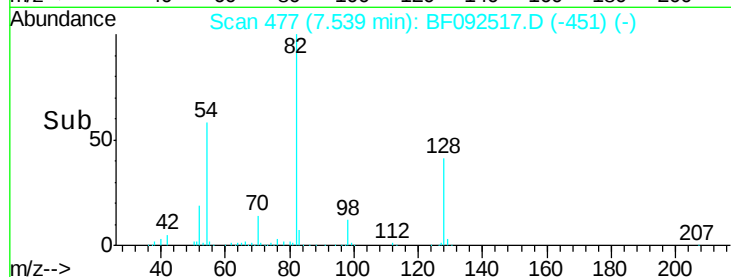
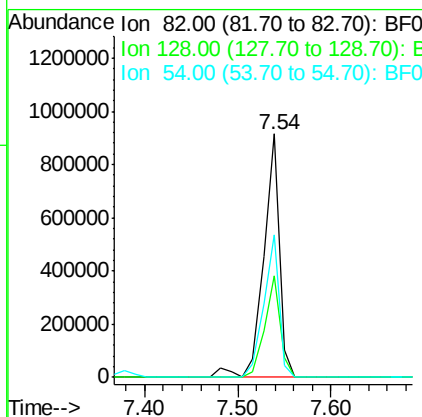
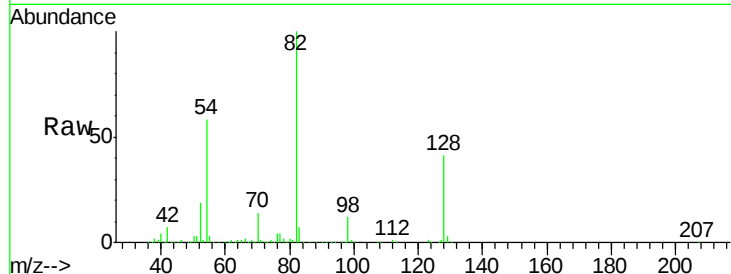
#23
 Nitrobenzene-d5
 Concen: 96.78 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	58.3	39.5	59.3

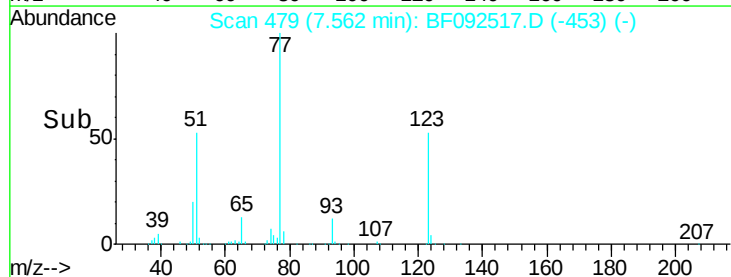
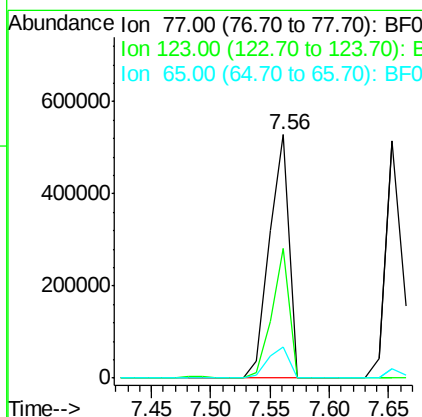
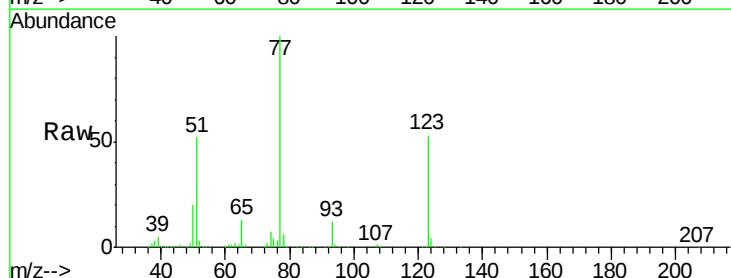
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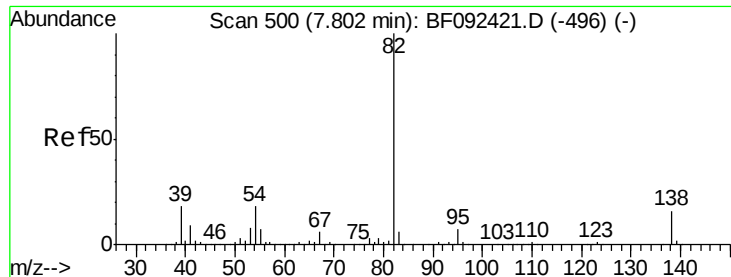
mohammad
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#24
 Nitrobenzene
 Concen: 51.56 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.1	33.0	49.4#
65	13.0	11.2	16.8





#25

Isophorone

Concen: 48.28 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion: 82 Resp: 1079652

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

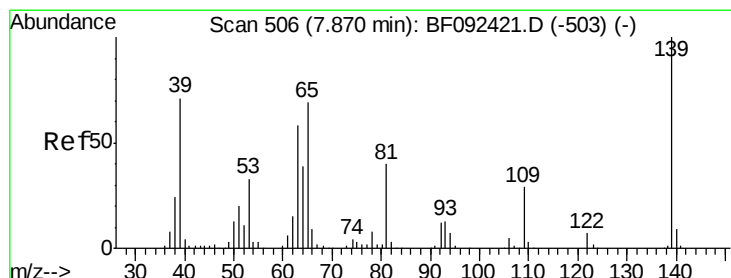
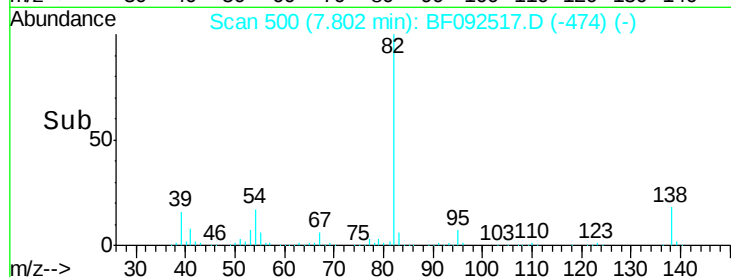
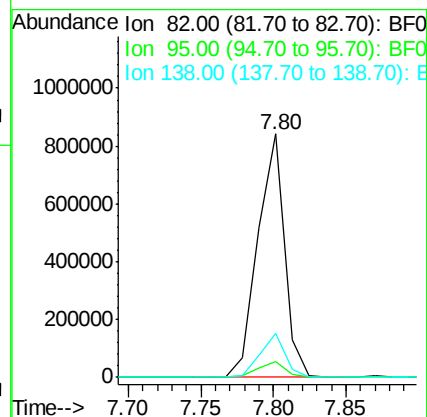
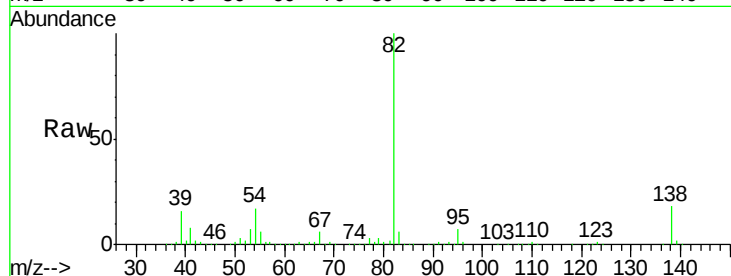
138 18.0 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 53.78 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

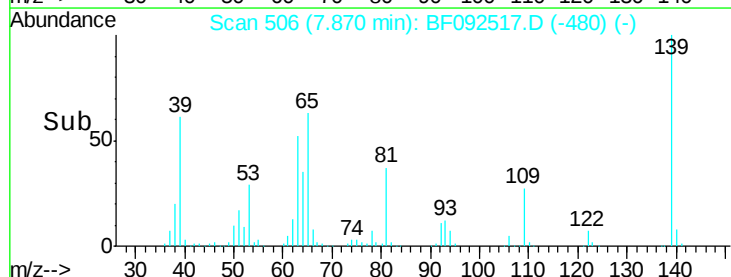
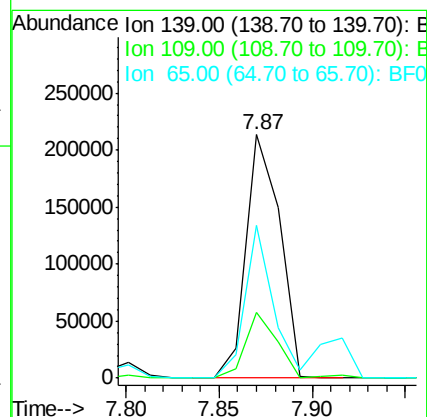
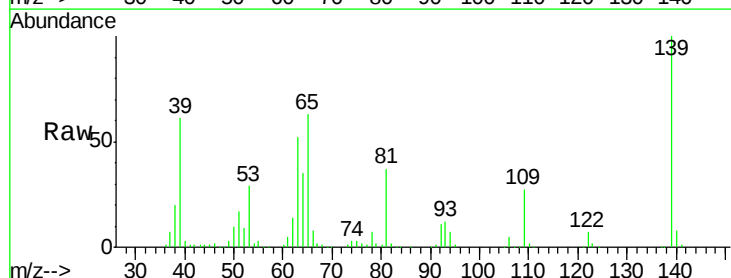
Tgt Ion: 139 Resp: 267875

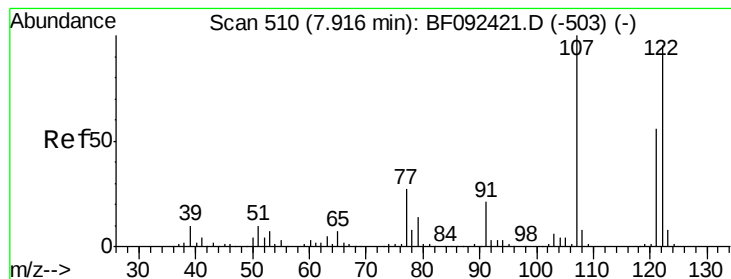
Ion Ratio Lower Upper

139 100

109 27.1 23.3 34.9

65 62.6 42.7 64.1





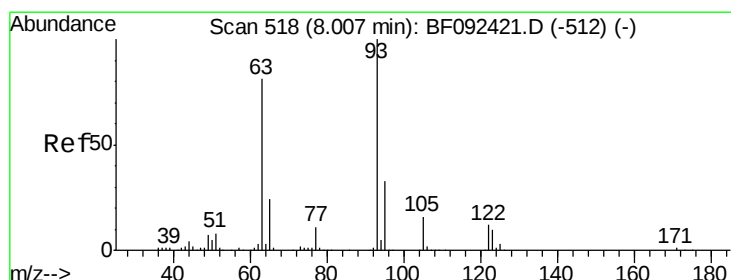
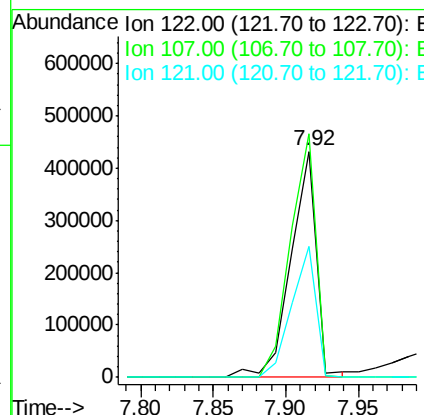
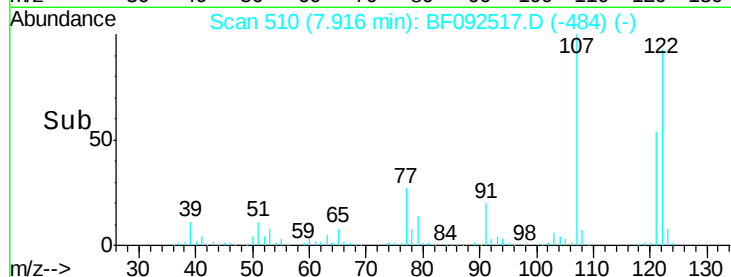
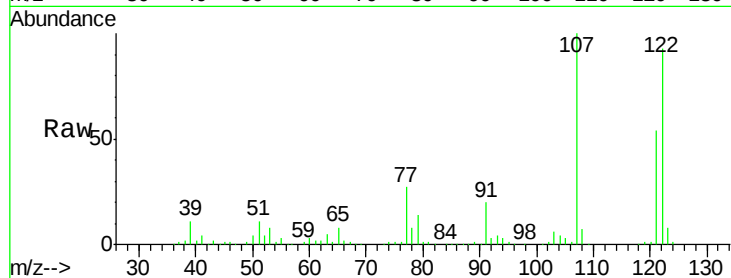
#27
 2,4-Dimethylphenol
 Concen: 50.76 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	525869		
107	107.8	94.1	141.1	
121	58.1	46.0	69.0	

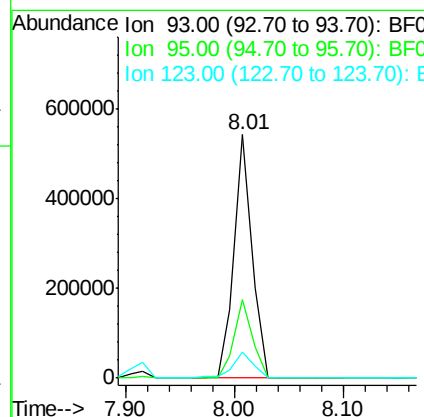
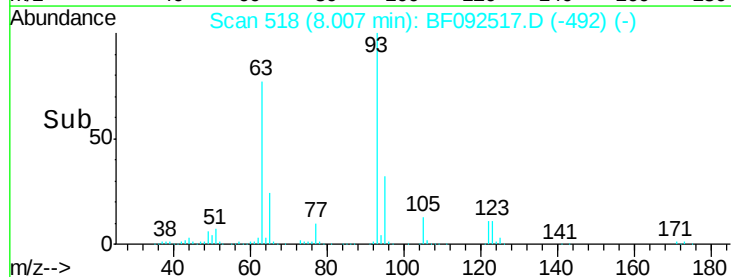
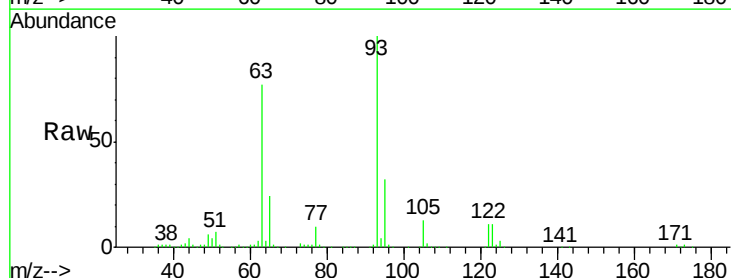
Manual Integrations
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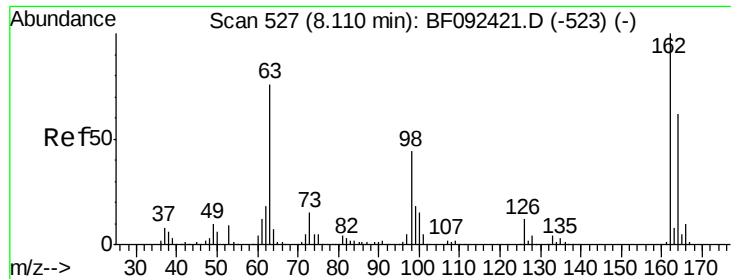
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.37 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	621935		
95	32.3	26.5	39.7	
123	10.5	8.6	13.0	





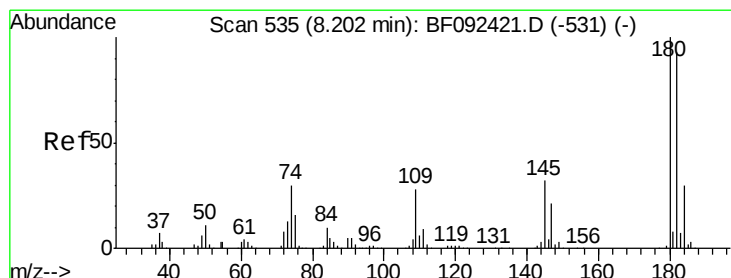
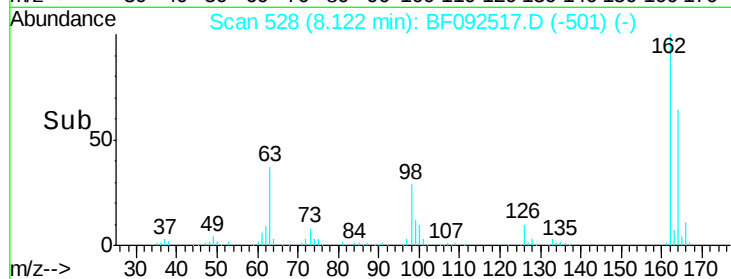
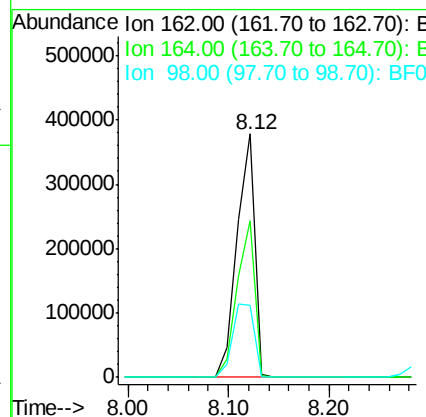
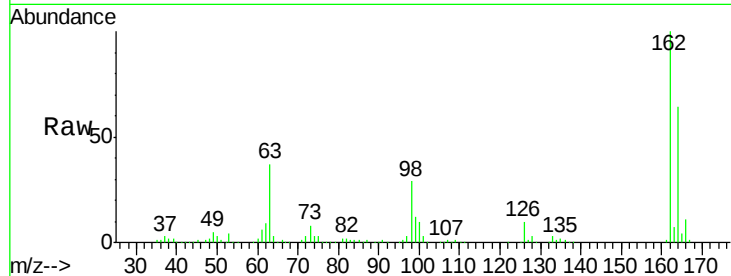
#29
2,4-Dichlorophenol
Concen: 51.72 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	464530		
164	64.4	46.8	86.8	
98	29.4	9.1	49.1	

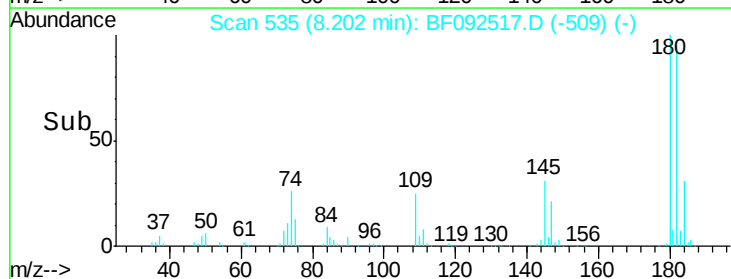
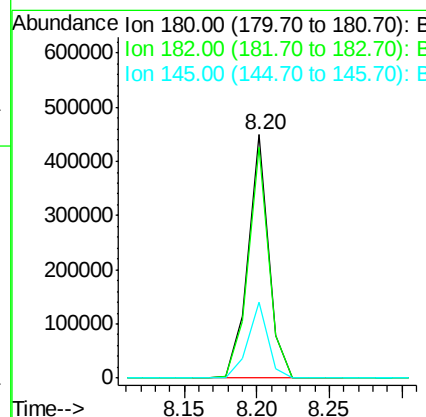
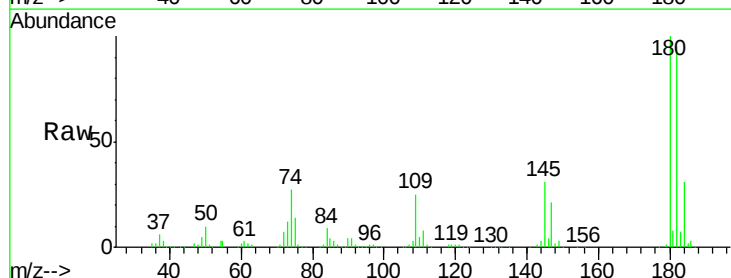
Manual Integrations
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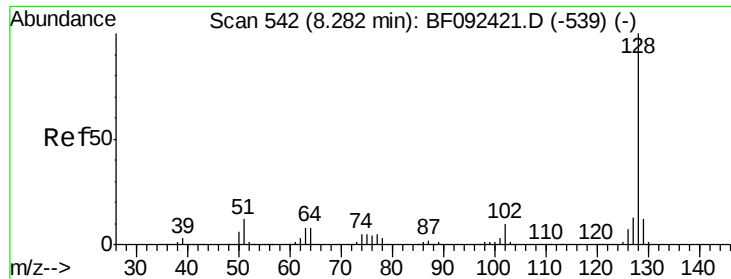
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.60 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	442679		
182	95.0	78.2	117.4	
145	31.2	21.6	32.4	





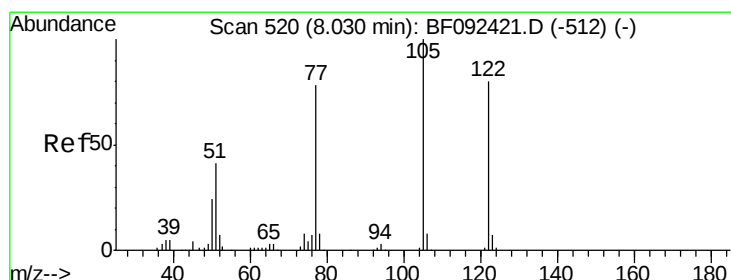
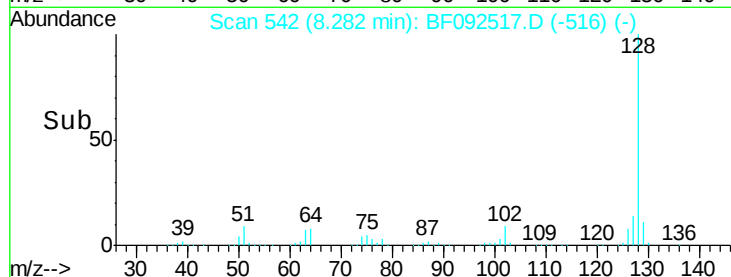
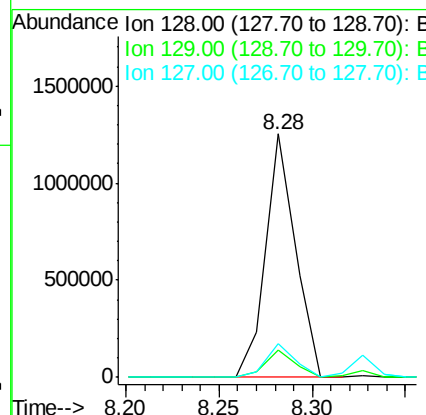
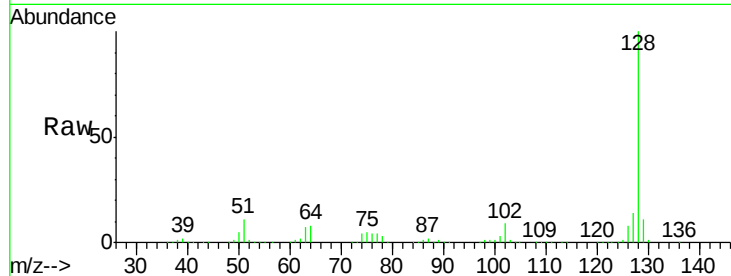
#31
Naphthalene
Concen: 43.69 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion:128 Resp: 1385978
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 14.1 10.8 16.2

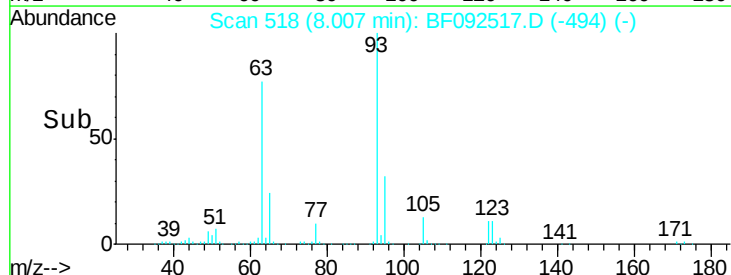
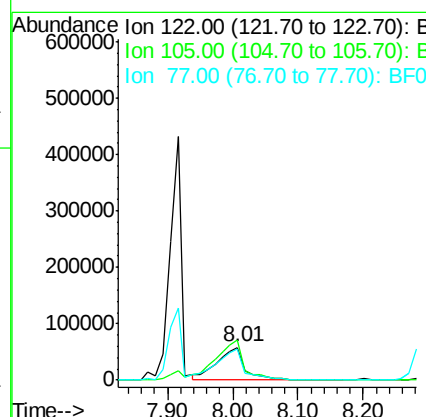
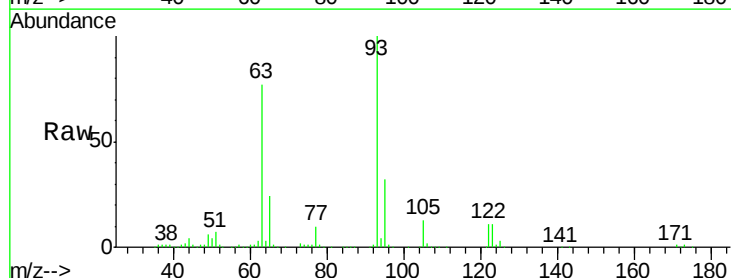
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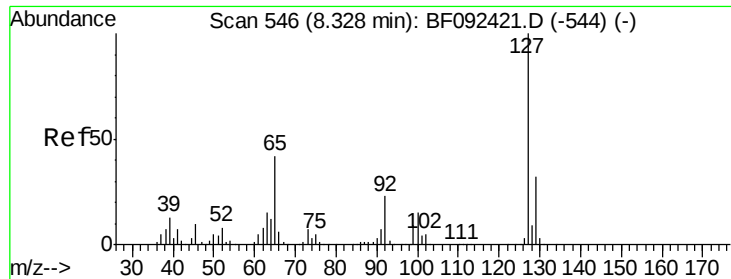
mohammad
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#32
Benzoic acid
Concen: 25.08 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:122 Resp: 175013
Ion Ratio Lower Upper
122 100
105 124.6 107.2 147.2
77 96.8 74.5 114.5





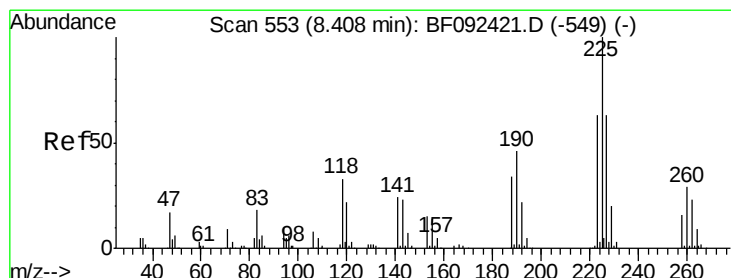
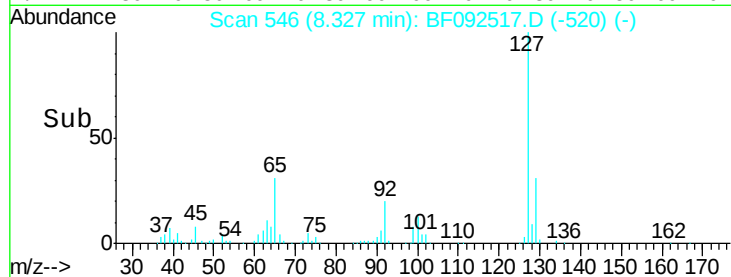
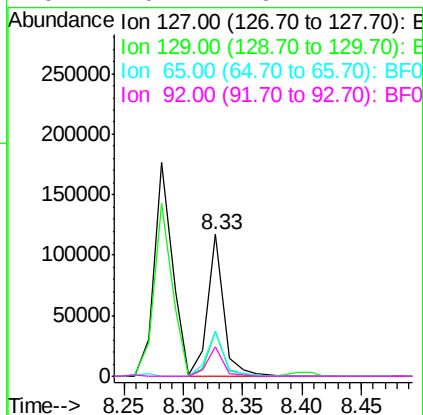
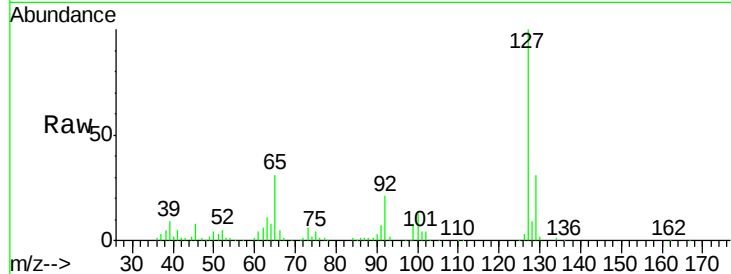
#33
4-Chloroaniline
Concen: 8.35 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.3	39.5		
65	31.4	25.8	38.8		
92	20.7	16.1	24.1		

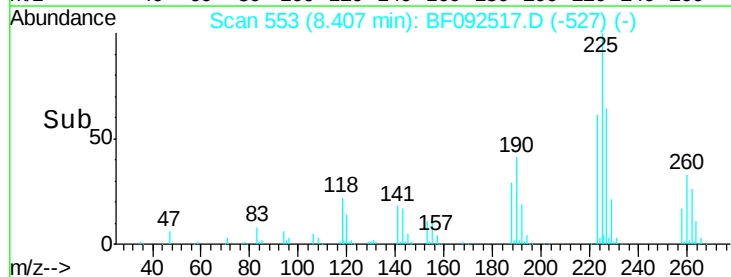
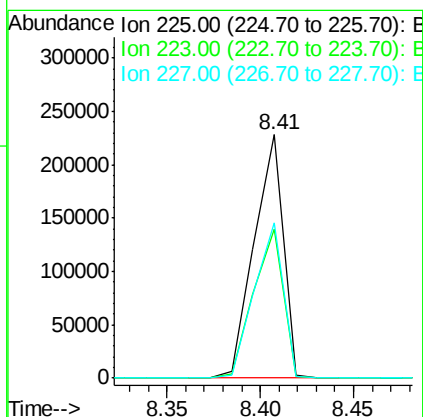
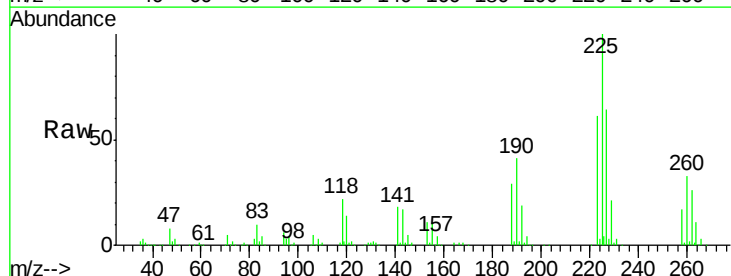
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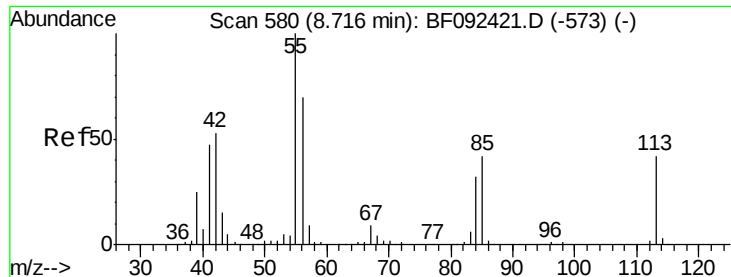
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#34
Hexachlorobutadiene
Concen: 46.26 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	51.0	76.6		
227	63.5	50.6	76.0		





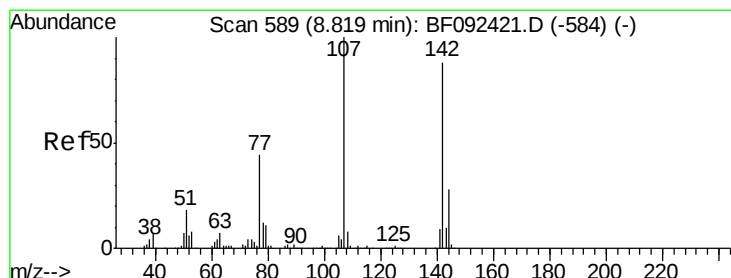
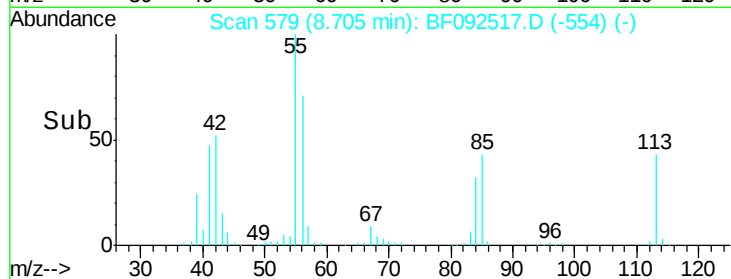
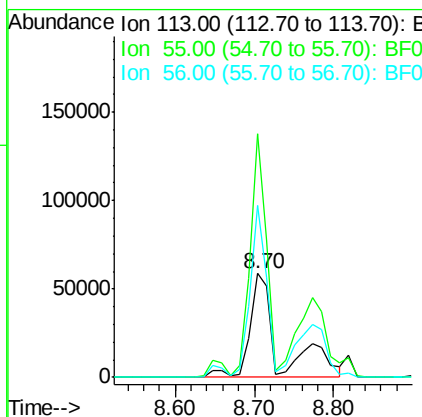
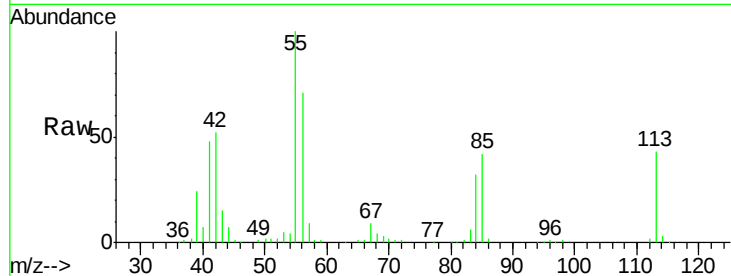
#35
 Caprolactam
 Concen: 50.72 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	234.0	119.2	159.2#
56	165.6	83.8	123.8#

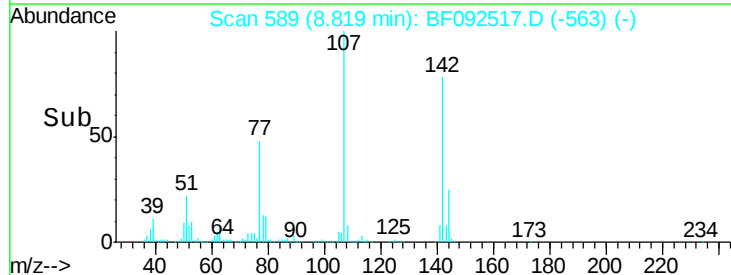
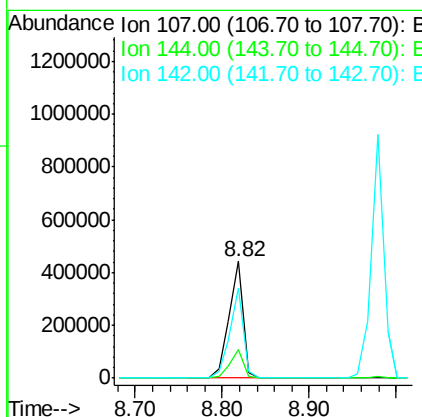
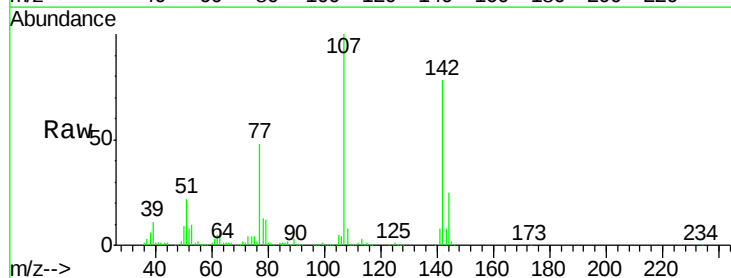
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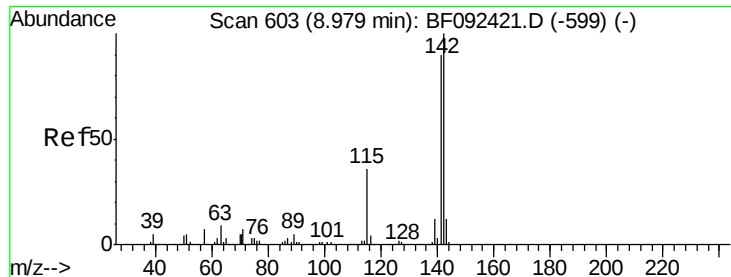
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 50.90 ng/ml
 RT: 8.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.3	28.9
142	77.7	59.0	88.6





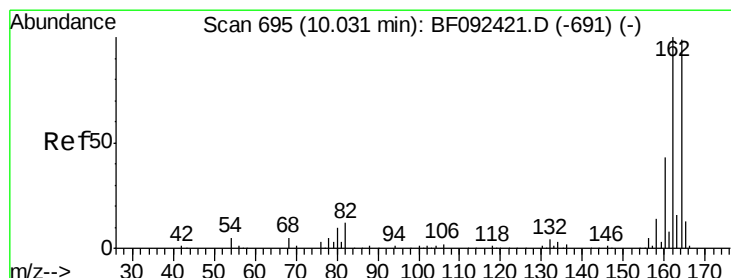
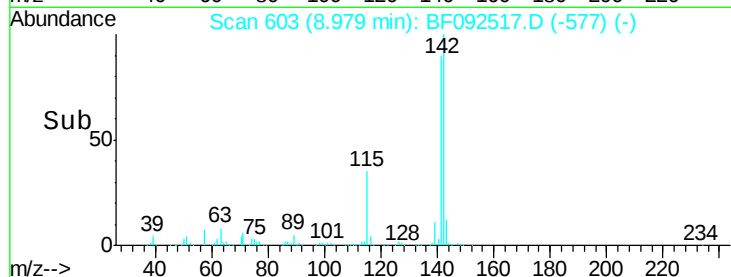
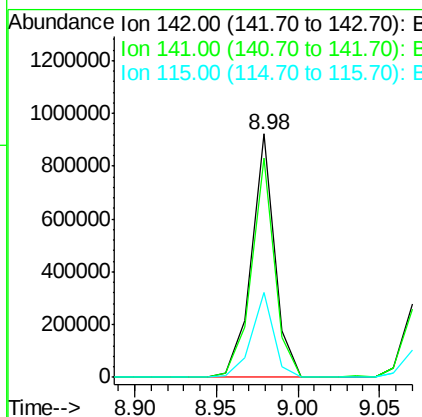
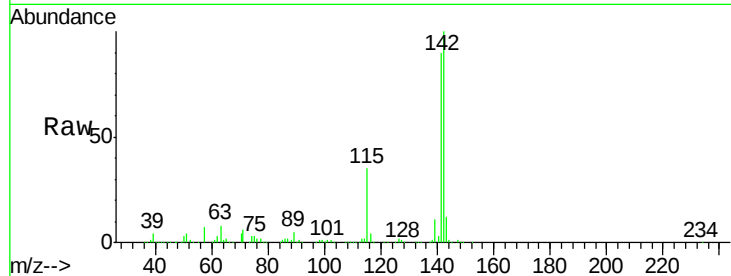
#37
2-Methylnaphthalene
Concen: 45.48 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	34.6	28.3	42.5

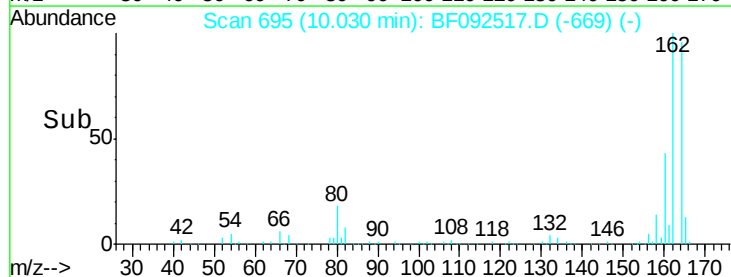
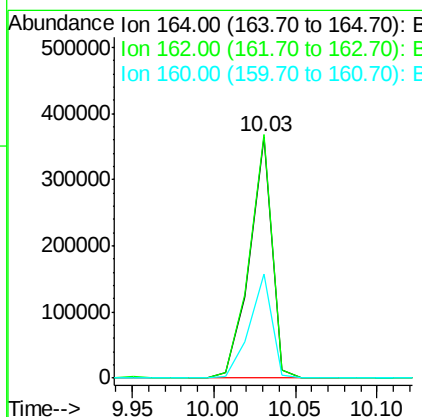
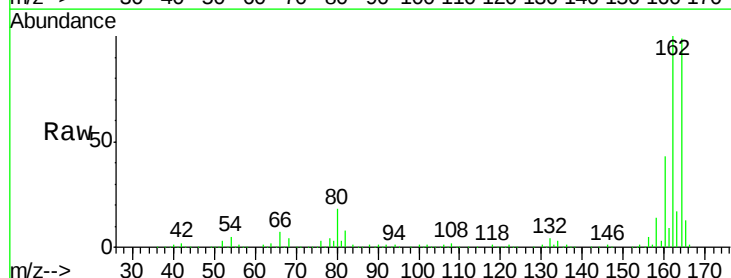
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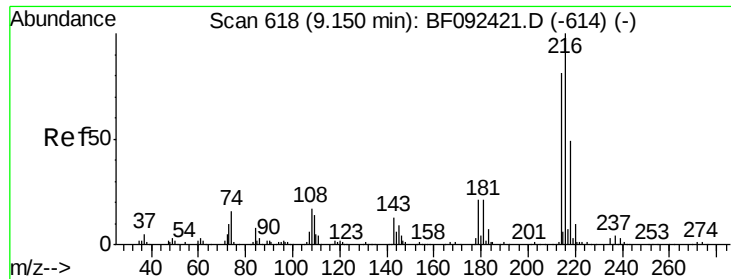
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	42.9	36.9	55.3





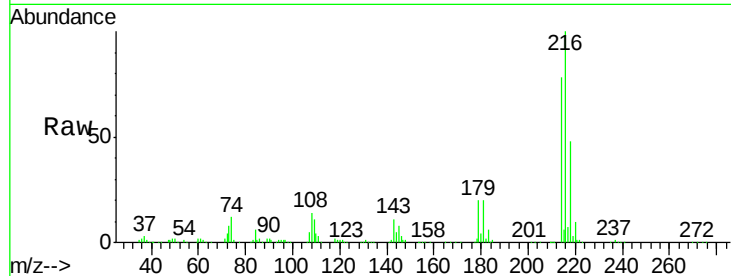
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.06 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

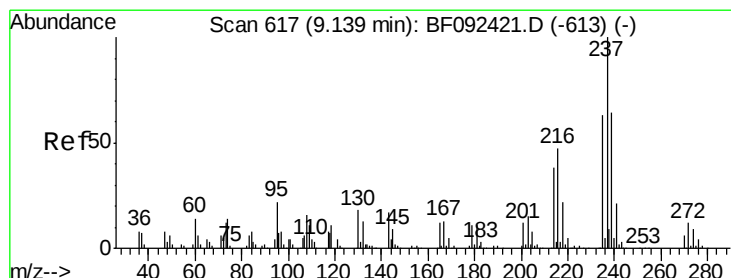
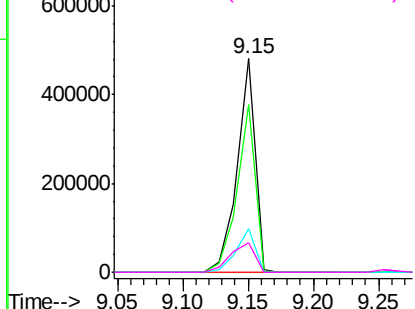
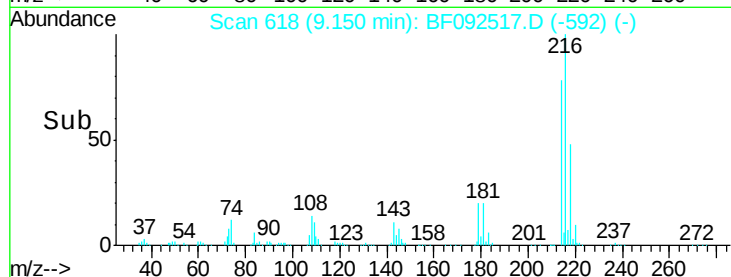
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		457078		
214	78.9		63.4	95.0	
179	21.4		17.4	26.2	
108	19.3		15.6	23.4	

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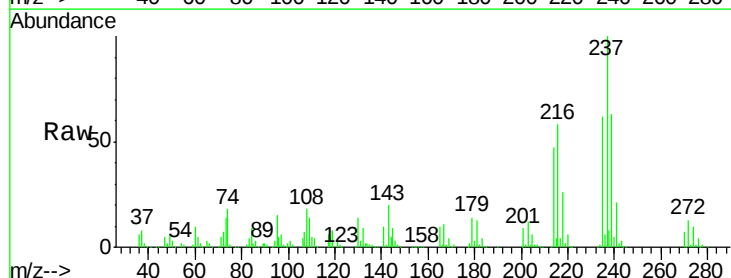


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

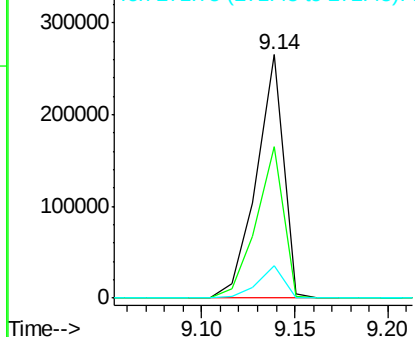
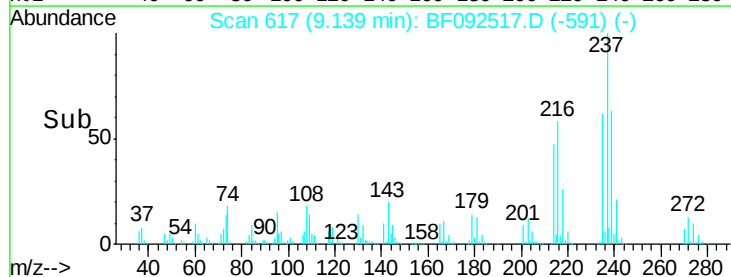


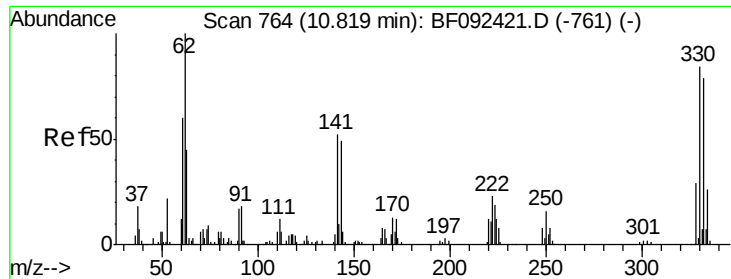
#40
 Hexachlorocyclopentadiene
 Concen: 60.86 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		267604		
235	62.0		41.2	81.2	
272	13.1		0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





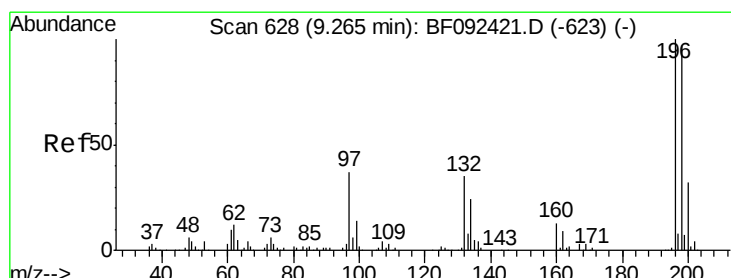
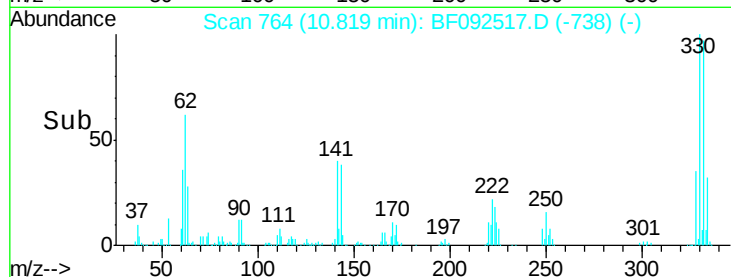
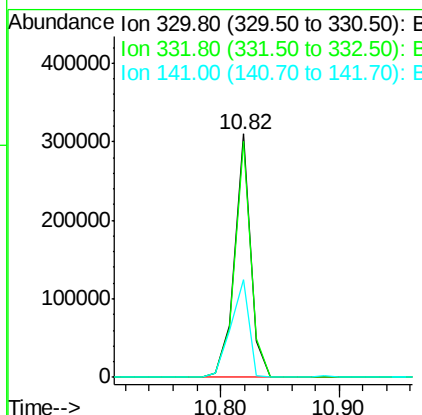
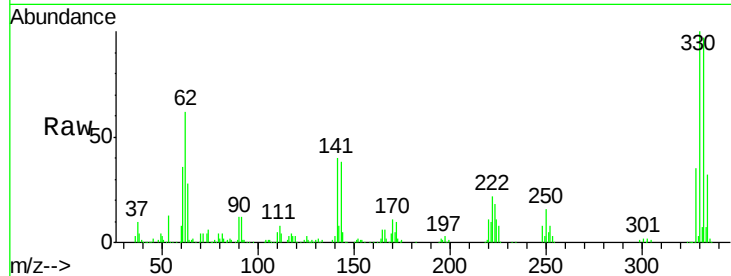
#41
 2,4,6-Tribromophenol
 Concen: 124.28 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	294798		
332	97.4	77.4	116.2	
141	44.4	34.1	51.1	

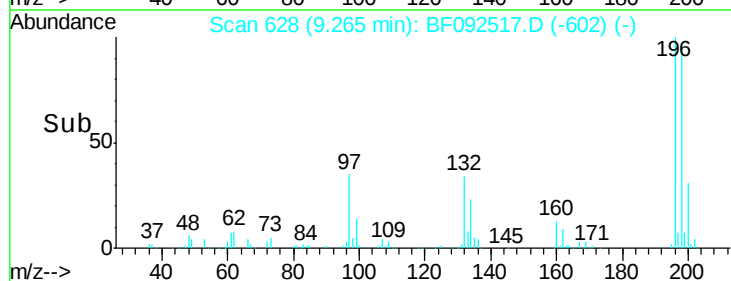
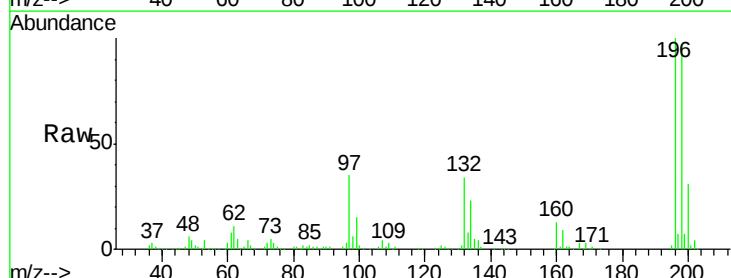
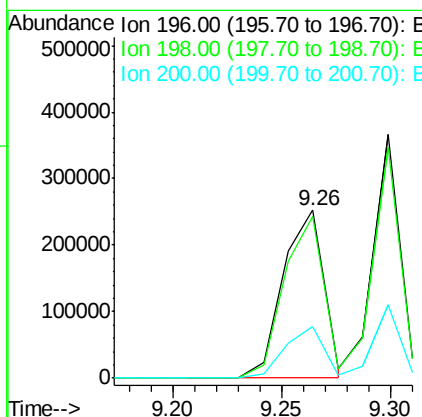
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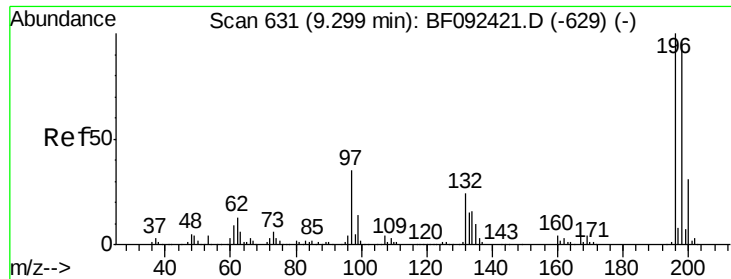
mohammad
 1/27/2017 3:02:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.06 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330030		
198	96.5	82.1	123.1	
200	30.6	27.0	40.4	





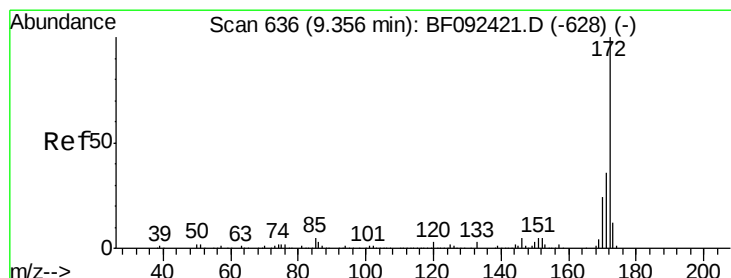
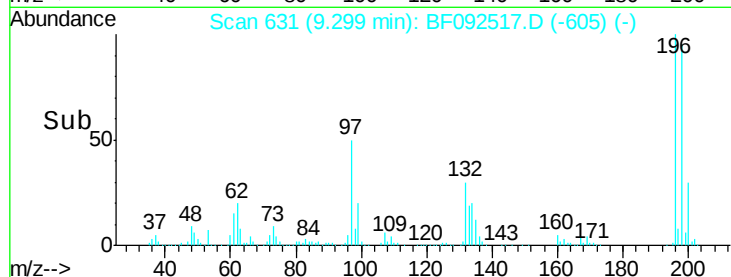
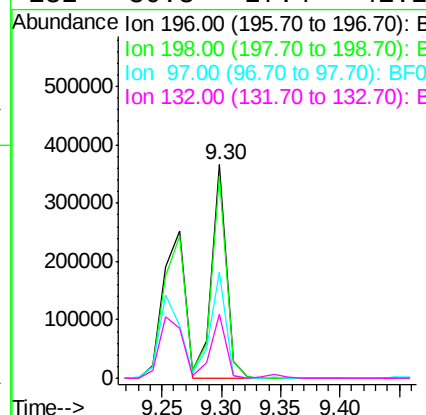
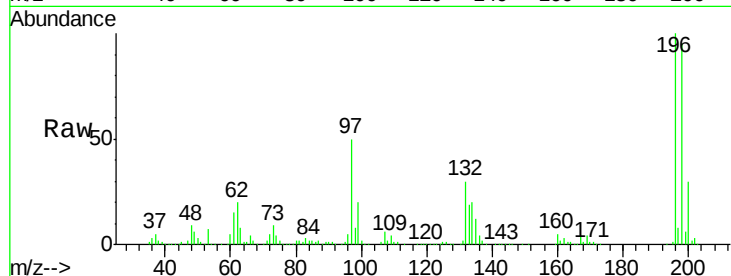
#43
 2,4,5-Trichlorophenol
 Concen: 51.45 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	316689		
198	94.7	79.4	119.2	
97	50.0	51.5	77.3	
132	30.3	27.4	41.2	

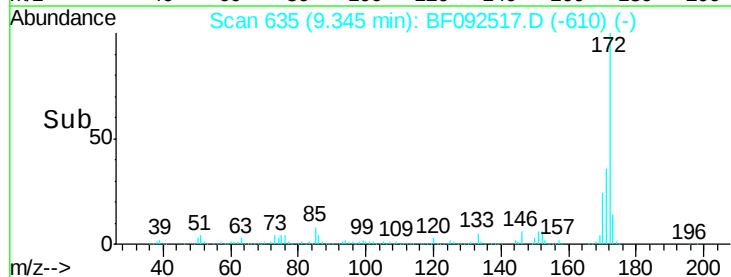
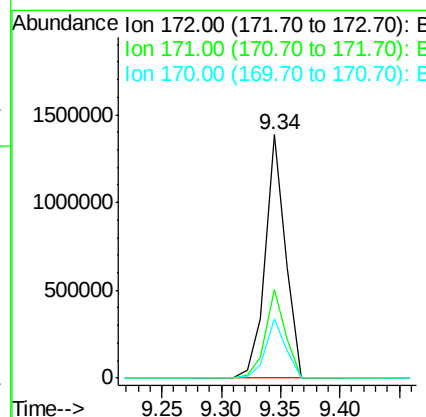
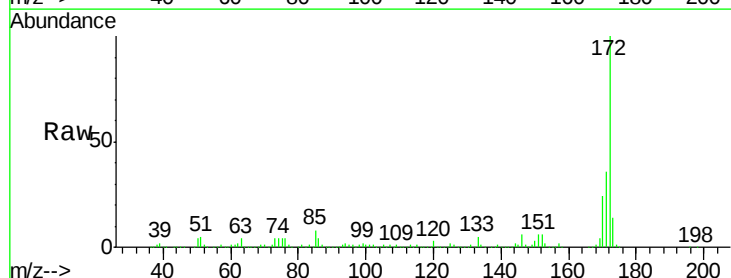
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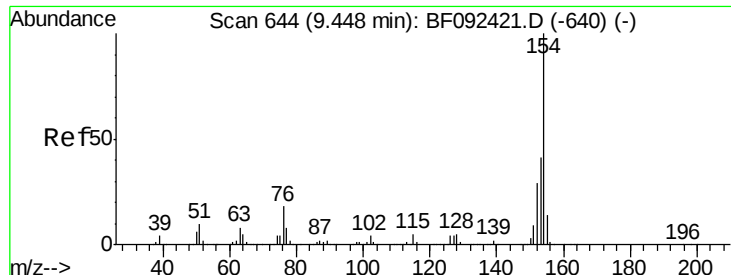
mohammad
 1/27/2017 3:02:05 PM



#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1651599		
171	36.2	29.4	44.0	
170	24.2	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 43.80 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion:154 Resp: 1102059

Ion Ratio Lower Upper

154 100

153 41.4 20.9 60.9

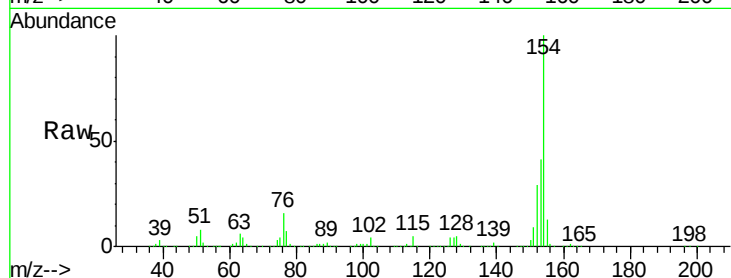
76 15.7 0.0 30.5

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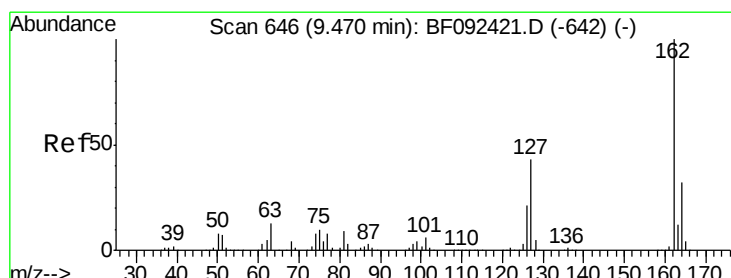
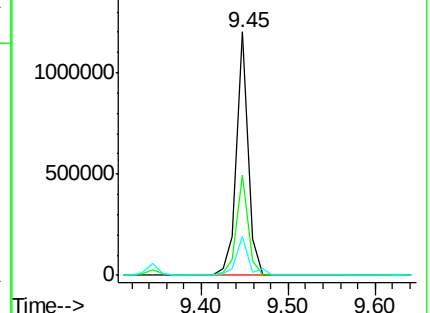
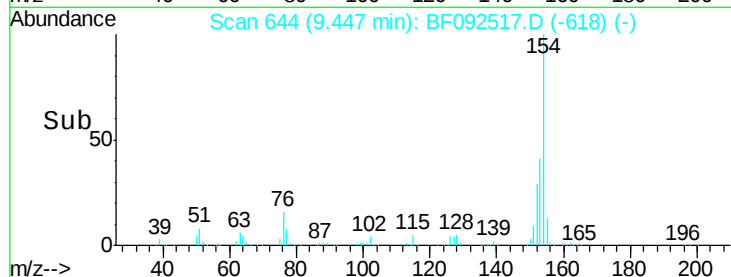
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.67 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

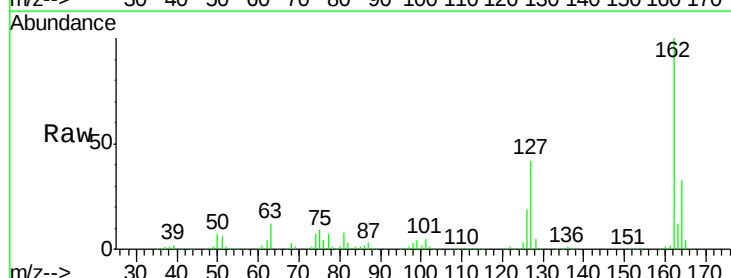
Tgt Ion:162 Resp: 856385

Ion Ratio Lower Upper

162 100

127 41.7 30.7 46.1

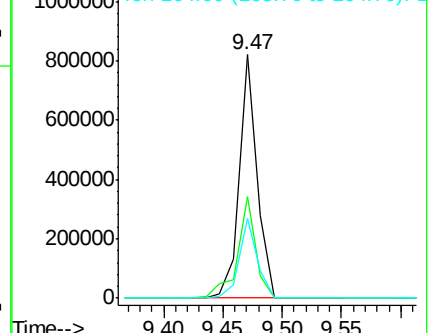
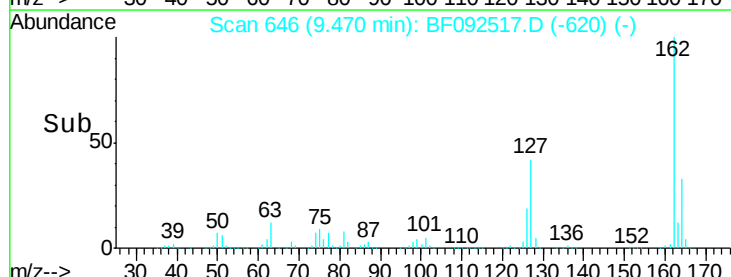
164 32.8 27.6 41.4

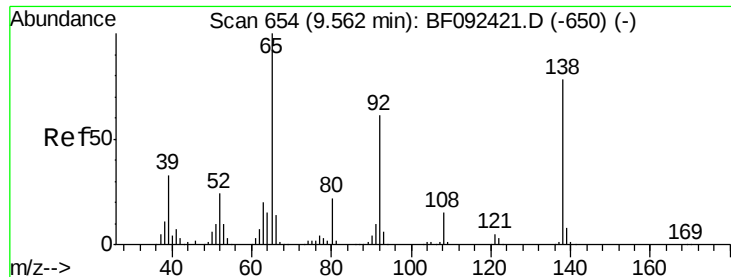


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





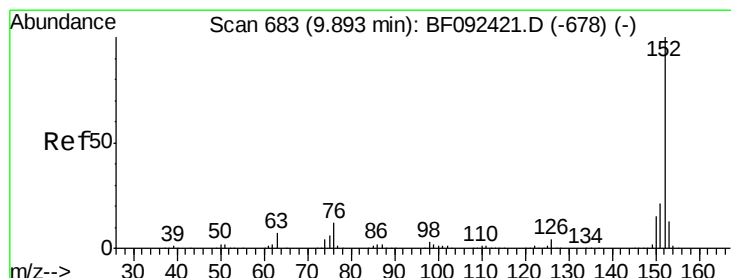
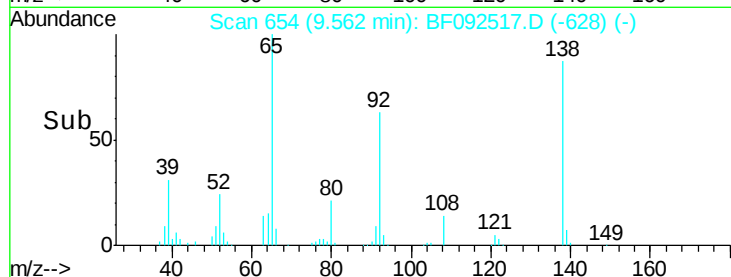
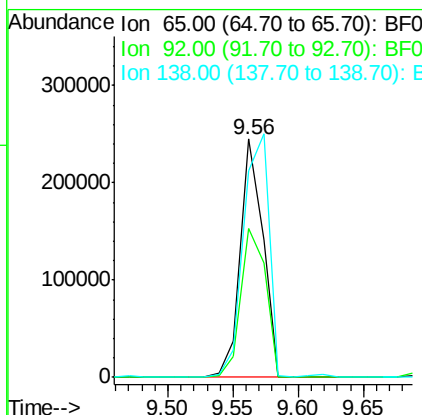
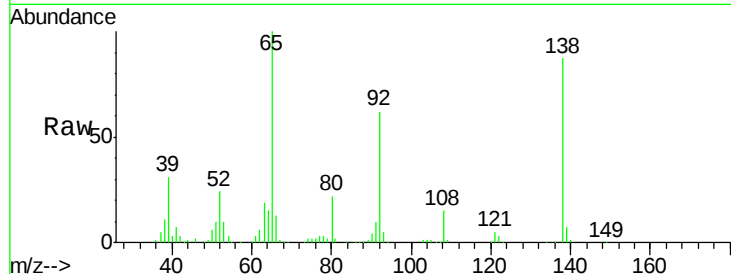
#47
2-Nitroaniline
Concen: 42.67 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.9	80.9
138	86.8	76.8	115.2

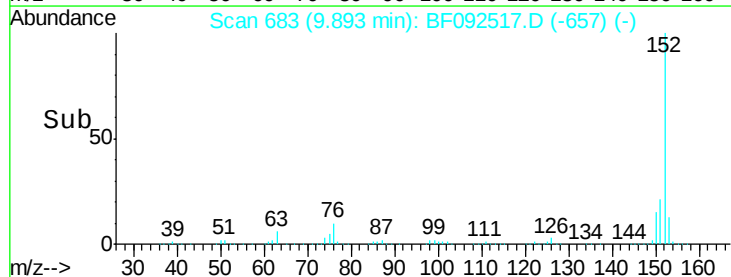
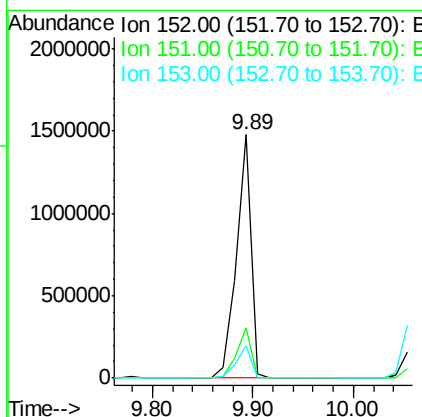
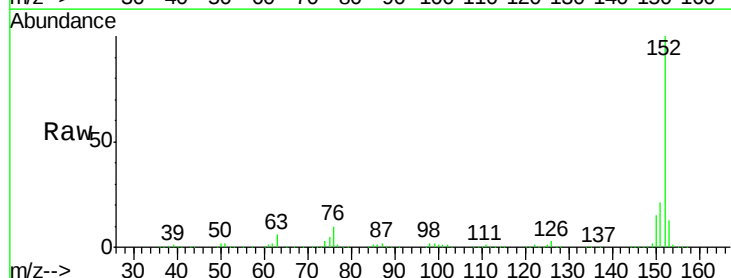
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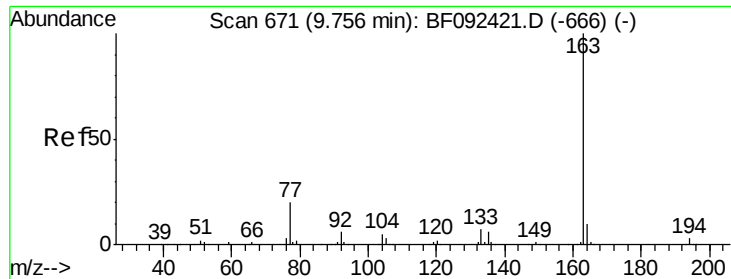
mohammad
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#48
Acenaphthylene
Concen: 49.45 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.1	11.4	17.2





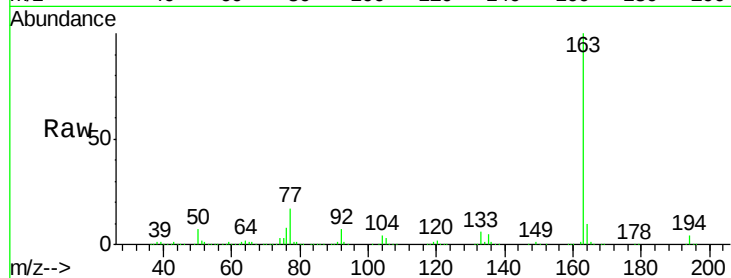
#49
Dimethylphthalate
Concen: 59.19 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

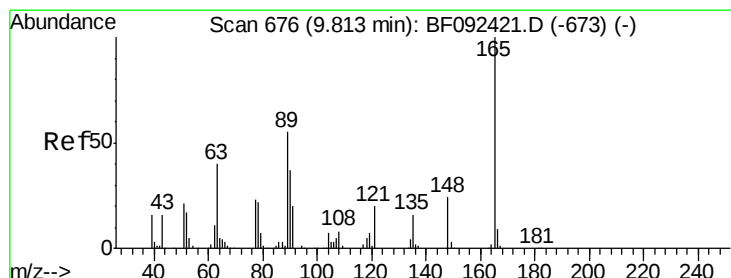
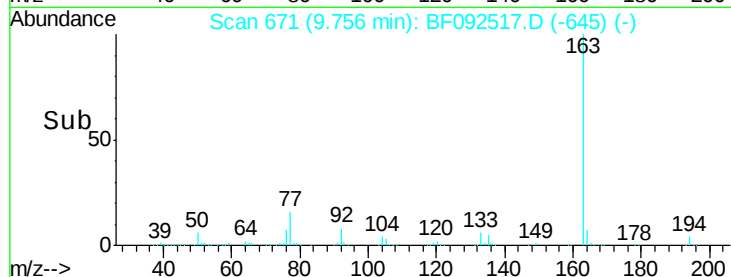
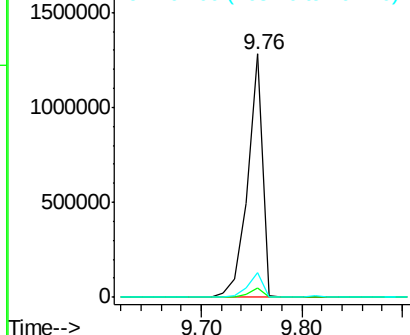
Tot Ion:163 Resp: 1310078
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.0 12.0

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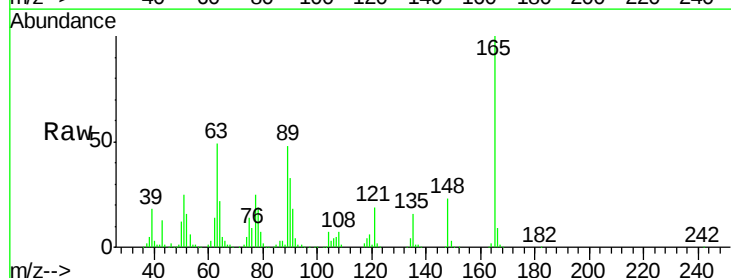


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

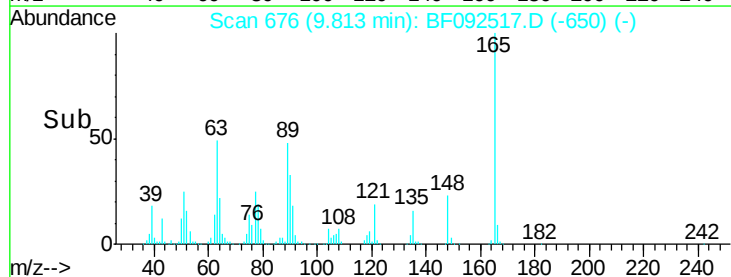
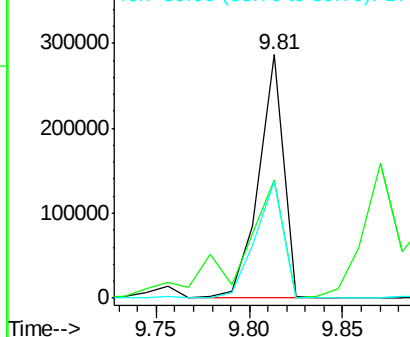


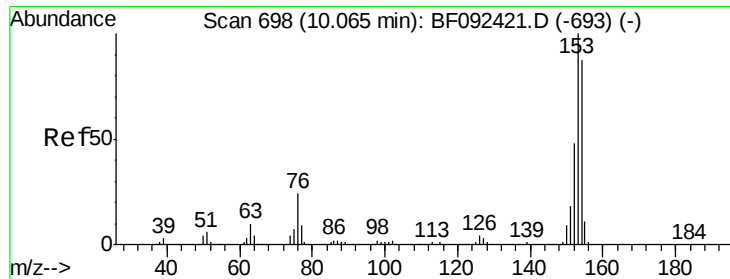
#50
2,6-Dinitrotoluene
Concen: 58.12 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:165 Resp: 262944
Ion Ratio Lower Upper
165 100
63 48.6 36.2 54.4
89 48.1 40.2 60.4



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





#51

Acenaphthene

Concen: 48.12 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

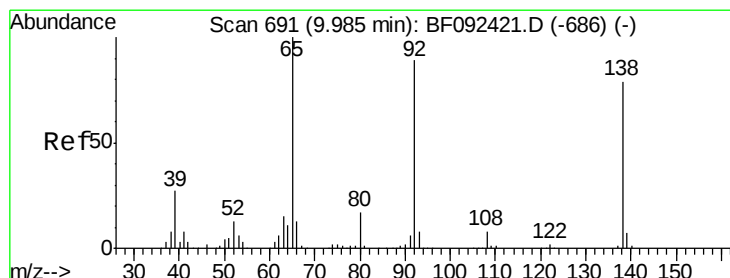
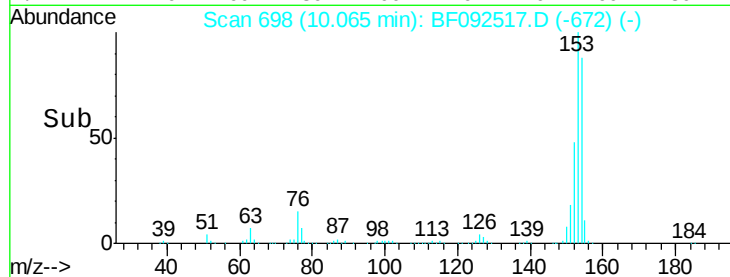
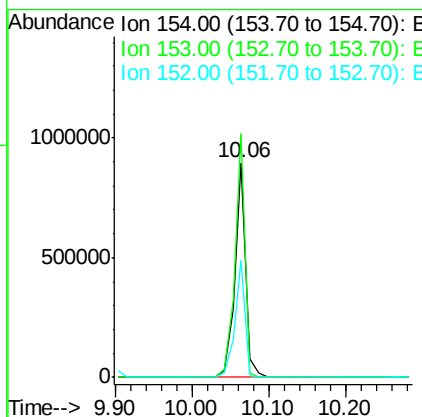
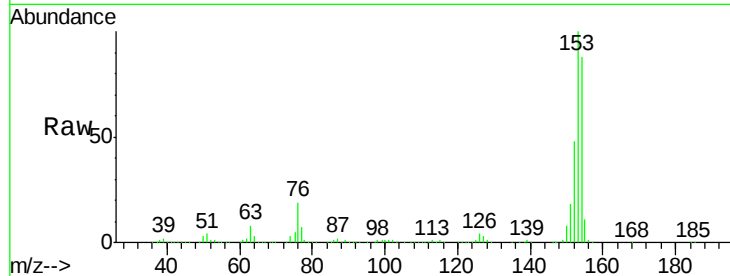
ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion:	154	Resp:	901331
Ion Ratio	Lower	Upper	
154	100		
153	113.4	88.6	133.0
152	54.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 19.29 ng

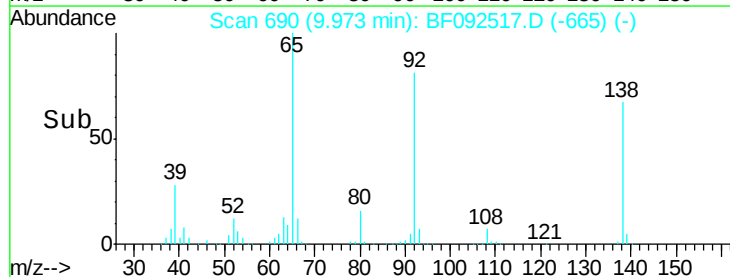
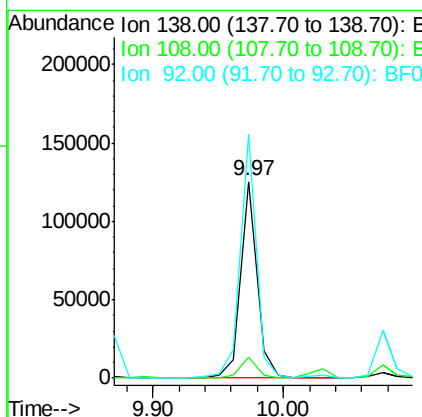
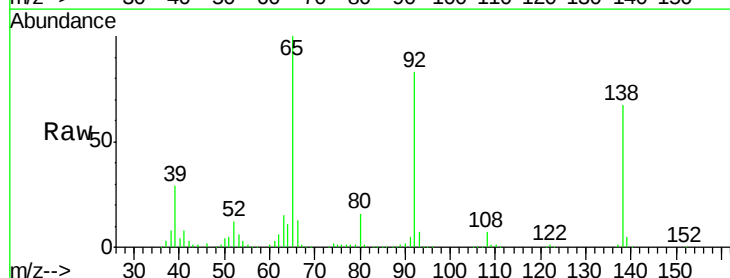
RT: 9.97 min Scan# 690

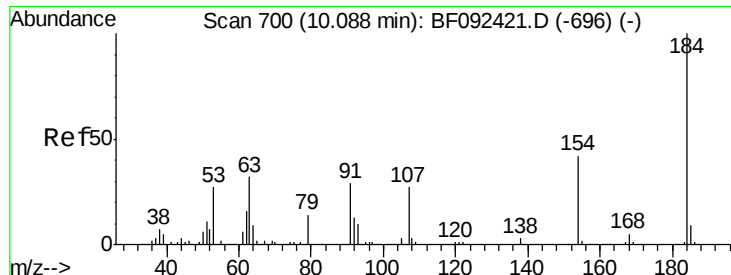
Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:	138	Resp:	109323
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.5	12.7
92	123.9	97.8	146.8





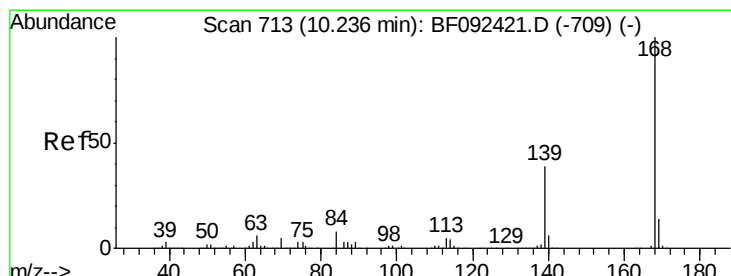
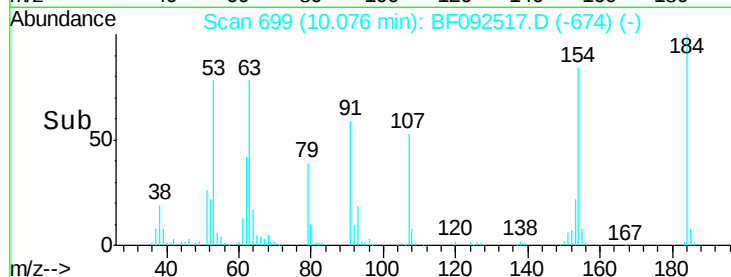
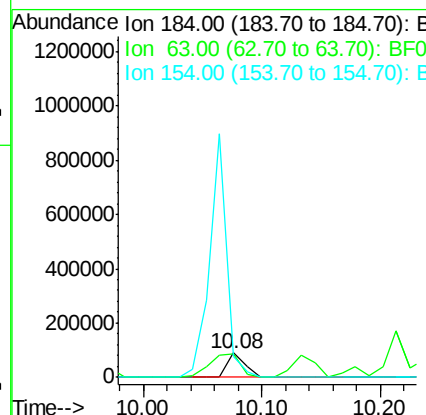
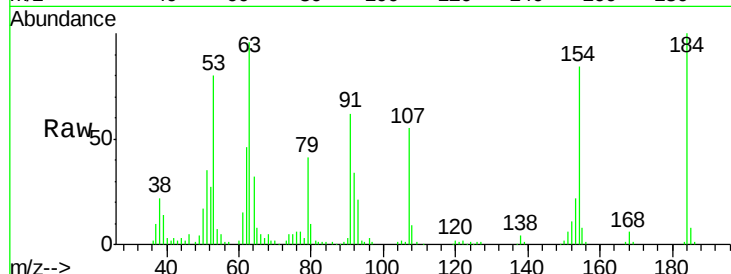
#53
 2,4-Dinitrophenol
 Concen: 43.92 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	95.6	28.4	42.6#	
154	84.1	44.3	66.5#	

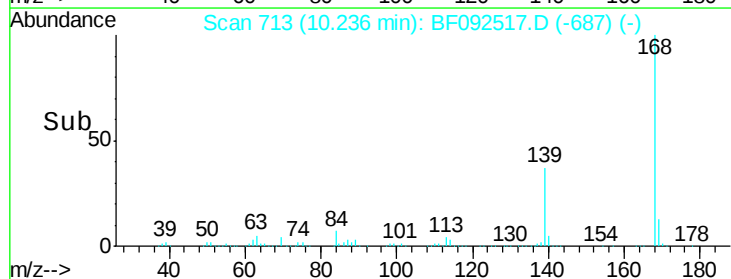
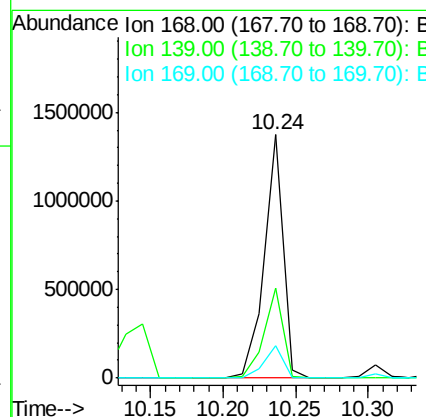
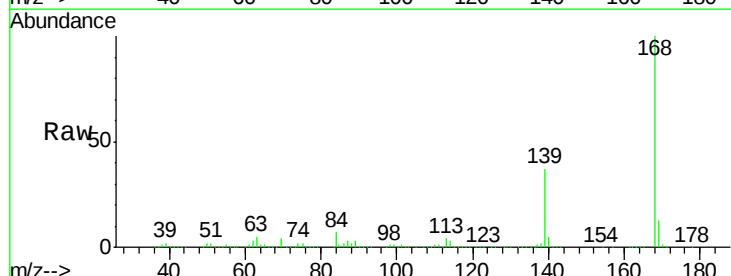
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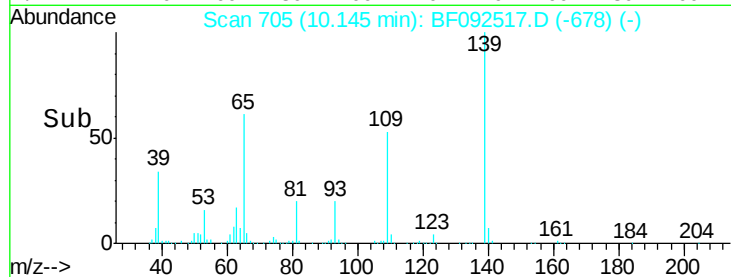
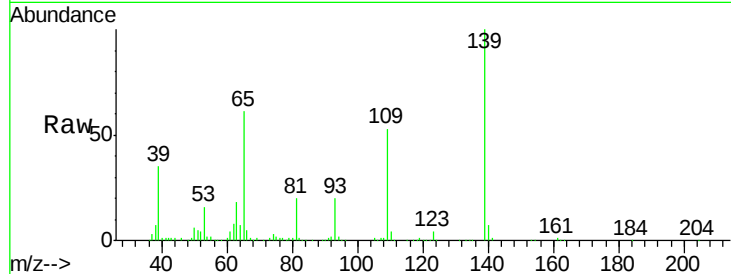
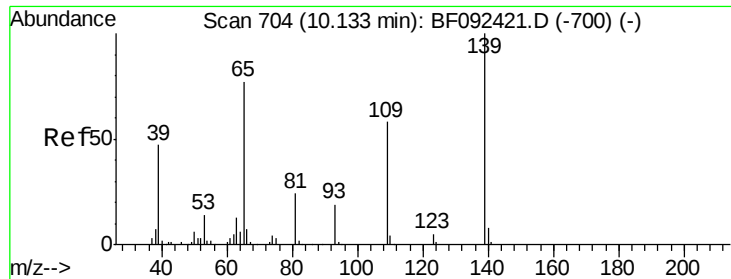
mohammad
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#54
 Dibenzofuran
 Concen: 48.97 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.1	32.6	49.0	
169	13.3	11.3	16.9	





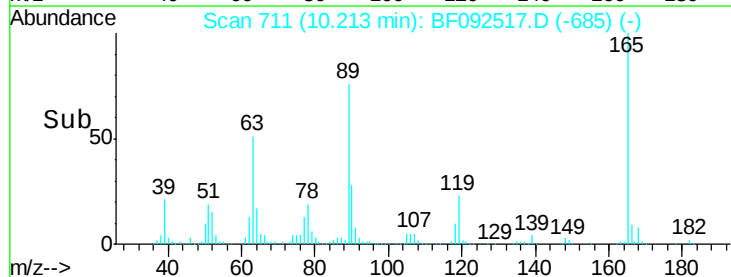
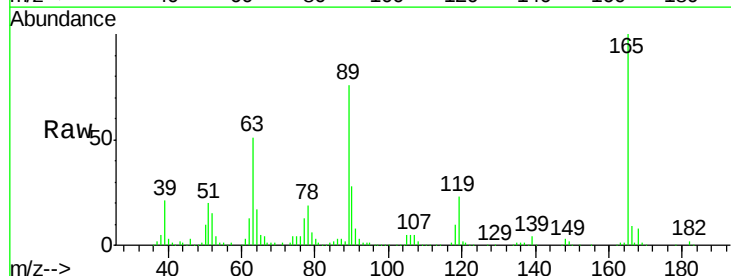
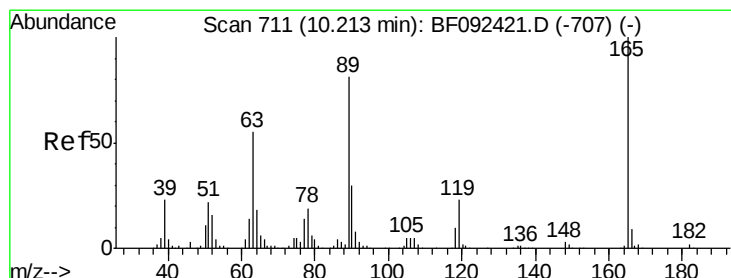
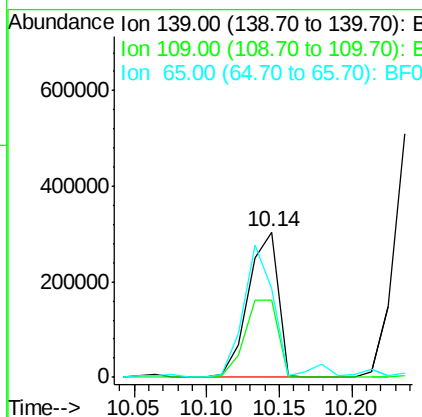
#55
4-Nitrophenol
Concen: 96.67 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tot Ion	Ratio	Resp	Lower	Upper
139	100	434985		
109	52.9	52.2	92.2	
65	61.1	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

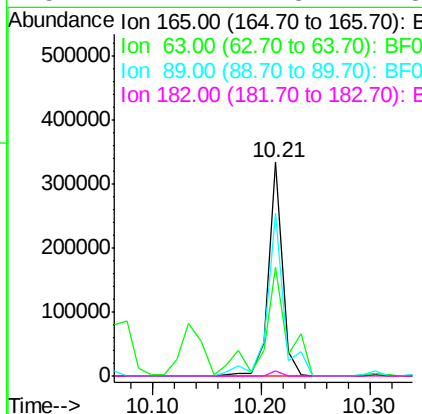
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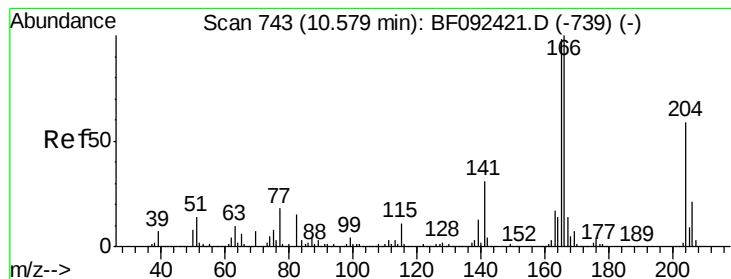
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#56
2,4-Dinitrotoluene
Concen: 49.93 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	299815		
63	51.1	40.2	60.4	
89	76.1	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 50.71 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092517.D

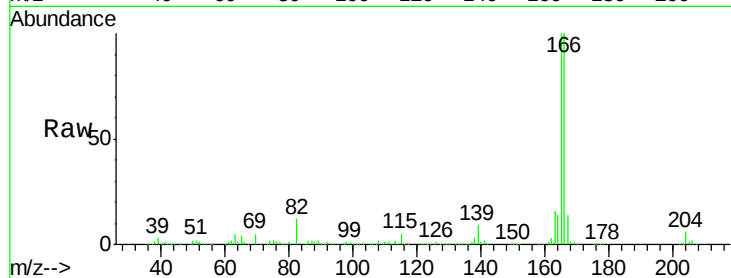
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

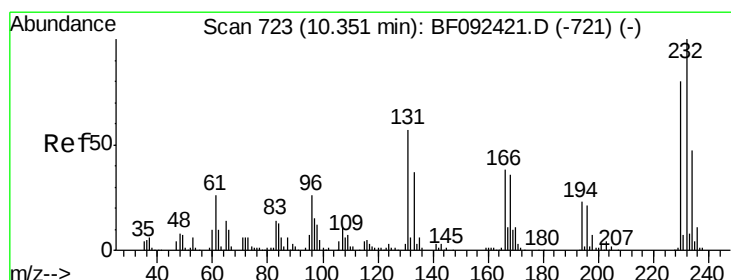
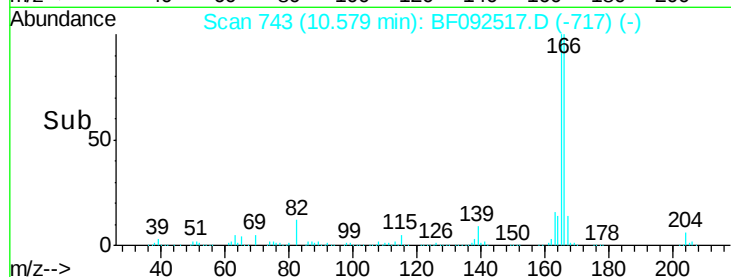
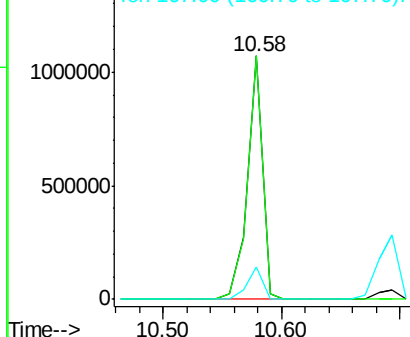
Tot Ion:	166	Resp:	956223
Ion Ratio	Lower	Upper	
166	100		
165	100.0	77.8	116.8
167	13.5	10.8	16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.55 ng

RT: 10.35 min Scan# 723

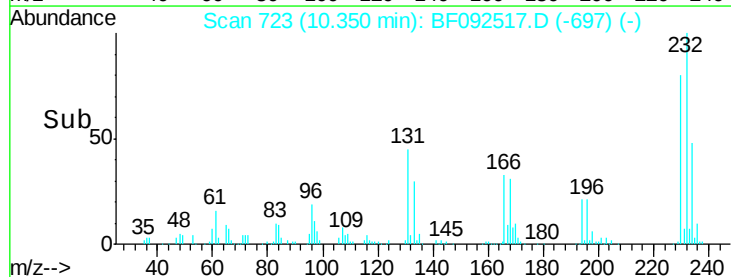
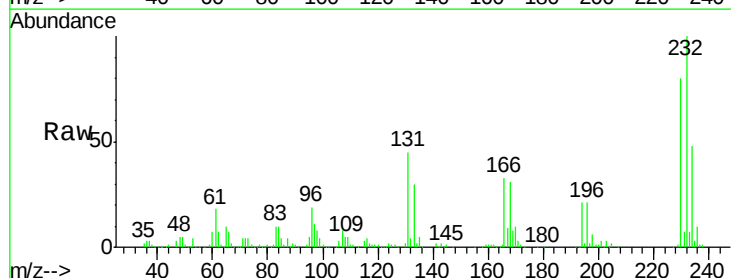
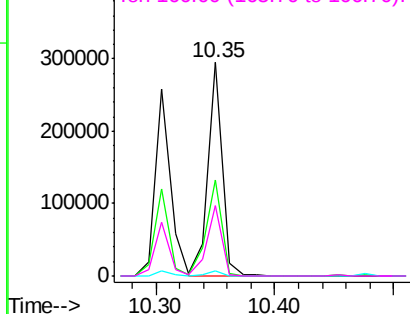
Delta R.T. -0.00 min

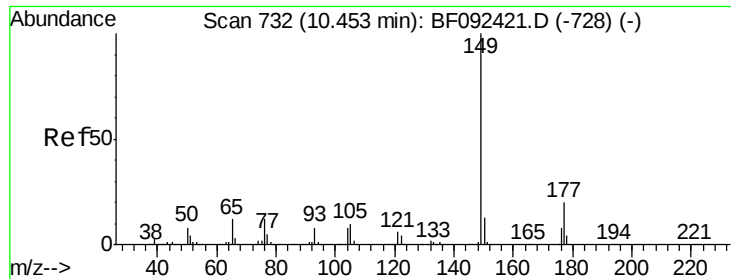
Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:	232	Resp:	246974
Ion Ratio	Lower	Upper	
232	100		
131	49.2	40.1	60.1
130	2.4	1.8	2.8
166	34.2	26.6	39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





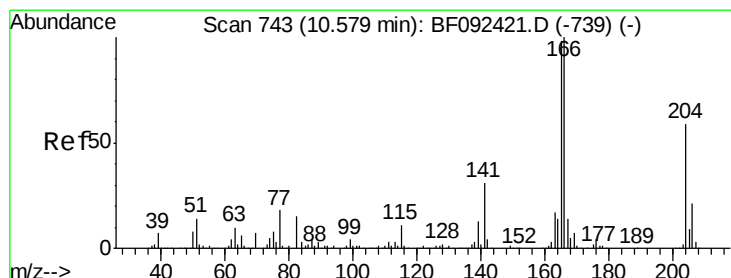
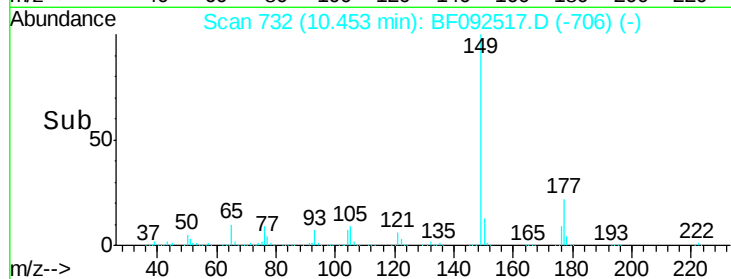
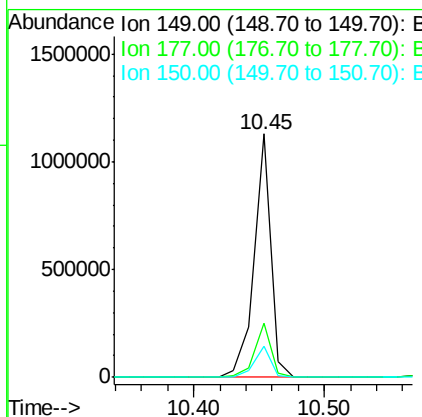
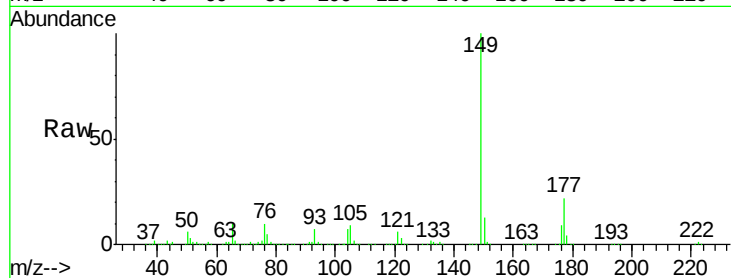
#59
Diethylphthalate
Concen: 47.53 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion:149 Resp: 1008692
Ion Ratio Lower Upper
149 100
177 22.0 16.6 25.0
150 12.8 10.4 15.6

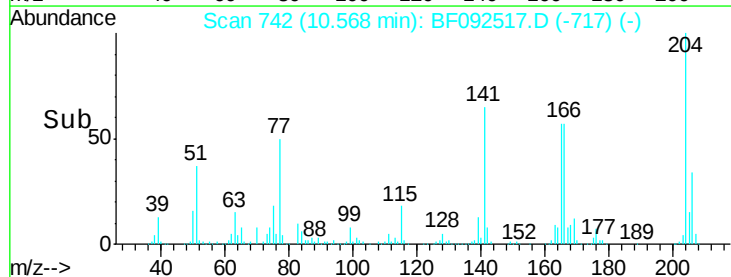
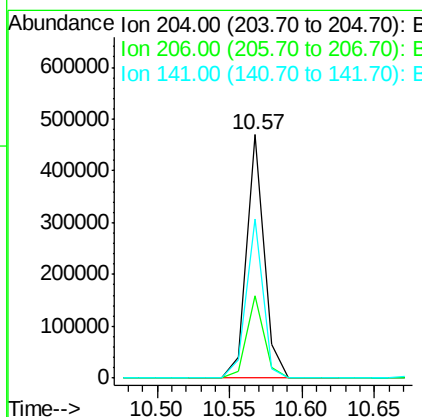
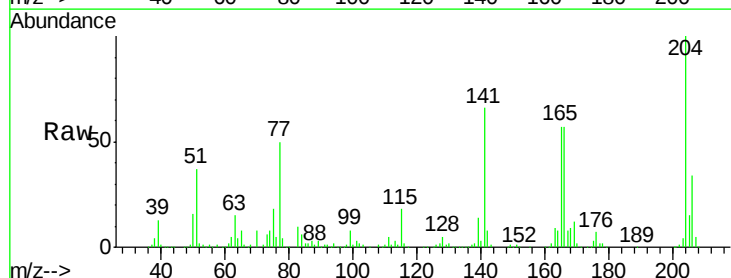
Manual Integrations
APPROVED

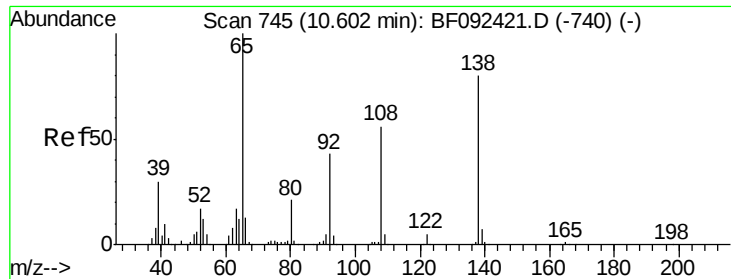
mohammad
1/27/2017 3:02:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.31 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion:204 Resp: 396135
Ion Ratio Lower Upper
204 100
206 34.1 25.8 38.6
141 65.5 59.4 89.0





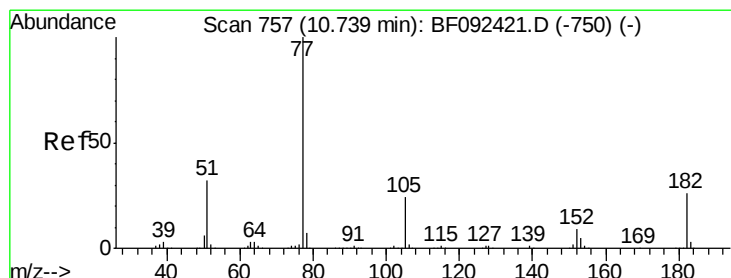
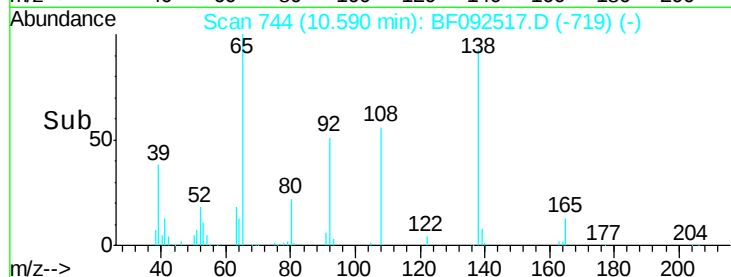
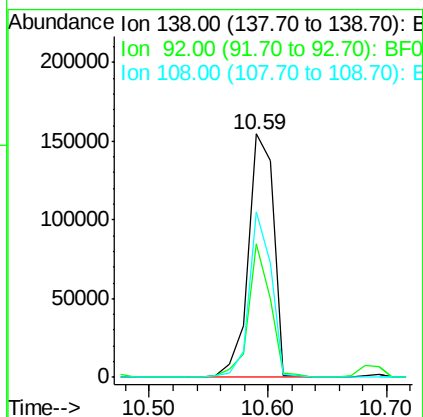
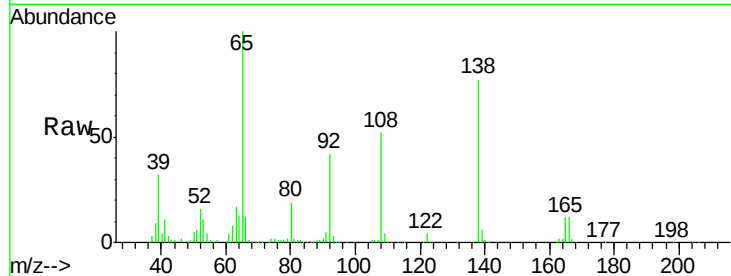
#61
4-Nitroaniline
Concen: 40.99 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.7	31.7	71.7
108	67.7	52.6	92.6

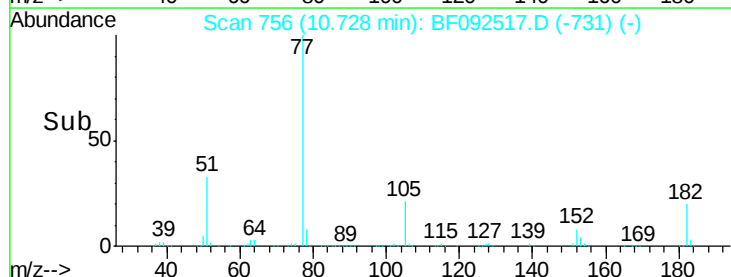
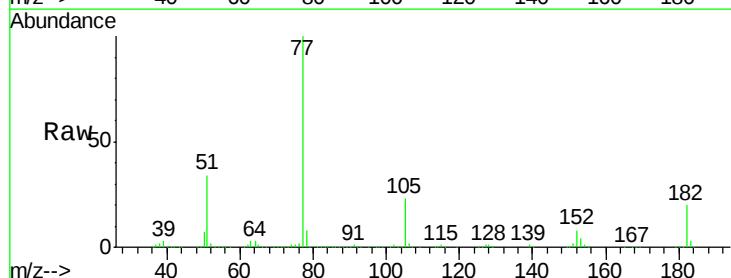
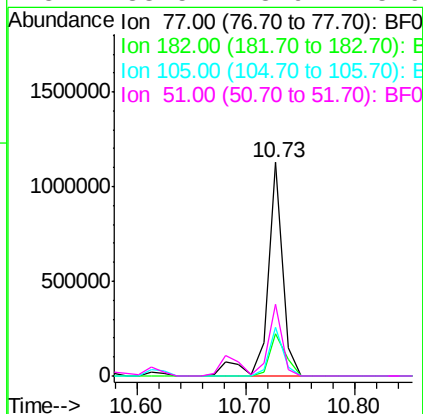
Manual Integrations
APPROVED

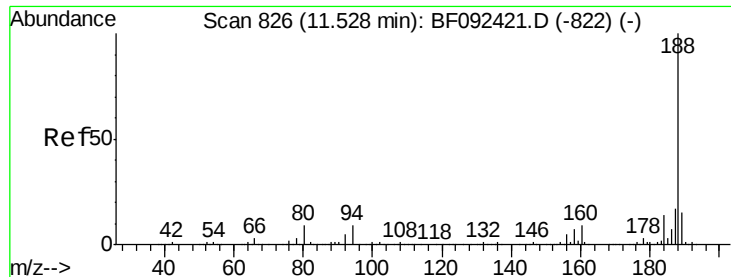
mohammad
1/27/2017 3:02:05 PM



#62
Azobenzene
Concen: 45.55 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.1	0.0	39.3
105	23.0	2.3	42.3
51	33.5	8.9	48.9





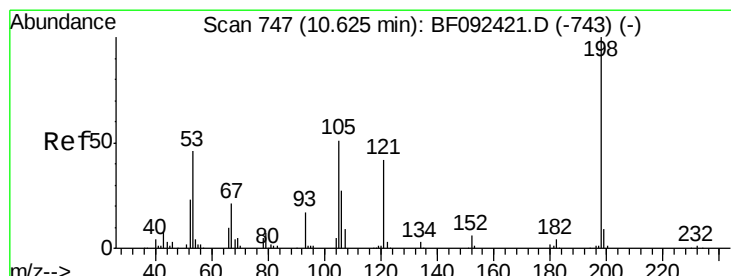
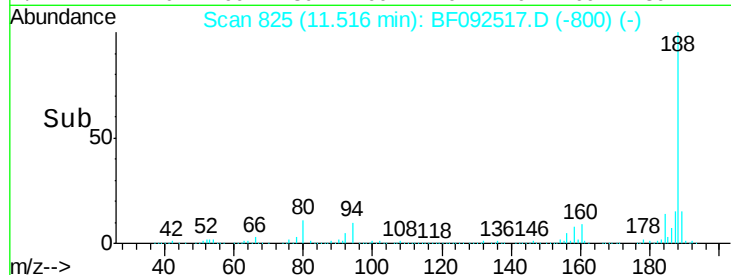
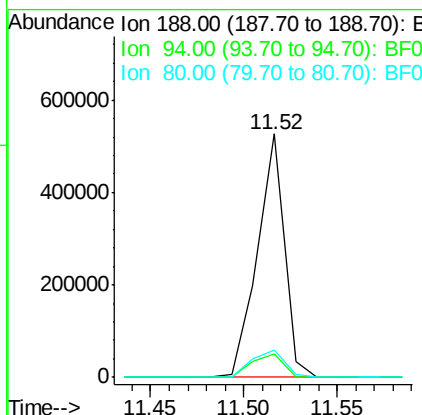
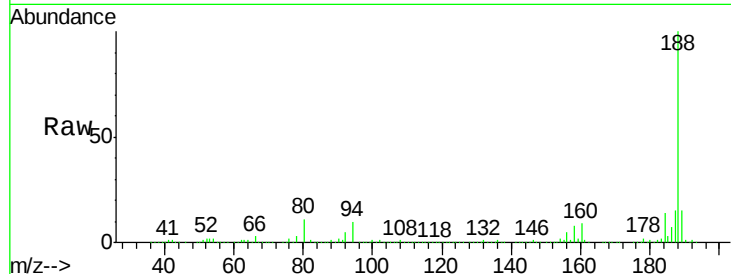
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	525970		
94	9.8	10.0	15.0#	
80	11.3	11.2	16.8	

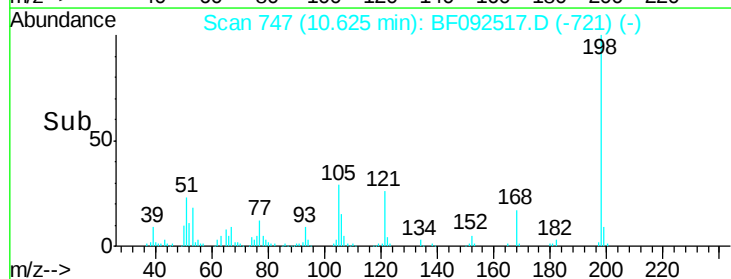
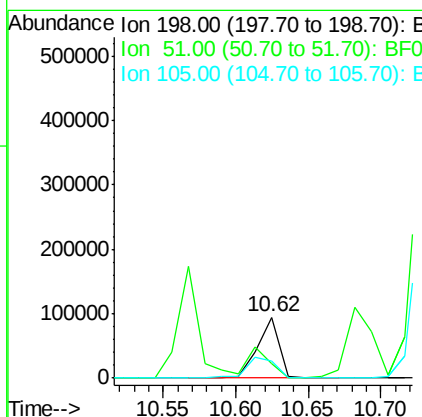
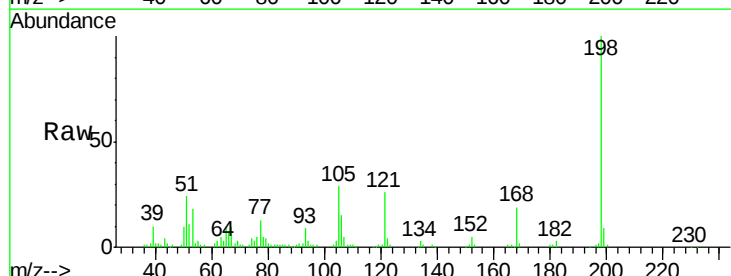
Manual Integrations
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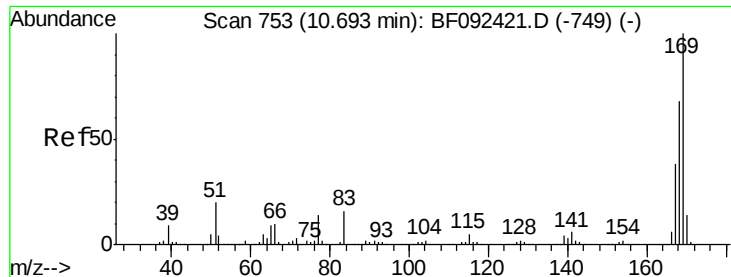
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.26 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	95781		
51	23.9	6.7	46.7	
105	28.8	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 53.99 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion:169 Resp: 886749

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

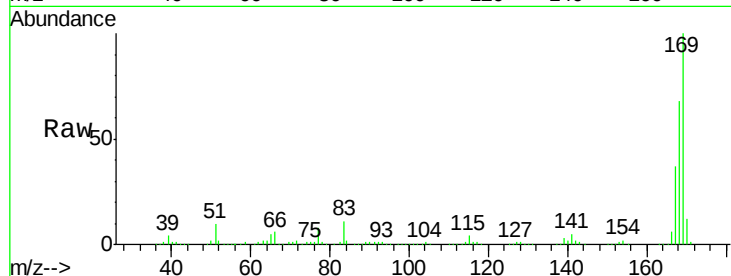
167 37.4 30.2 45.4

Manual Integrations

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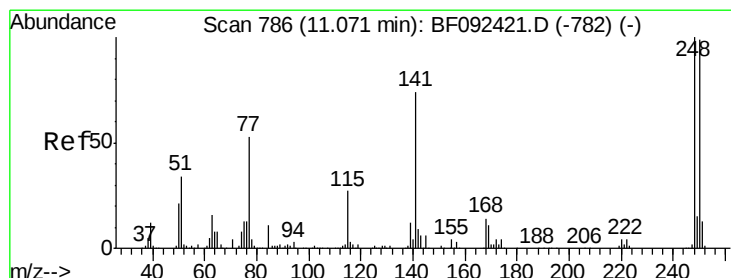
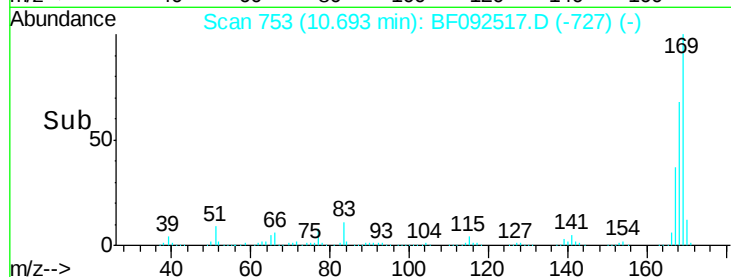
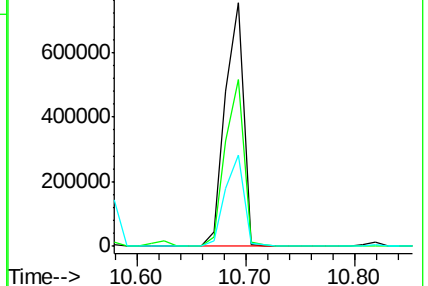
1/27/2017 3:02:05 PM



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: 47.01 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

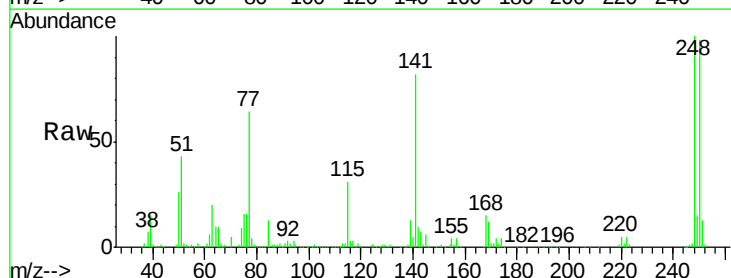
Tgt Ion:248 Resp: 249637

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

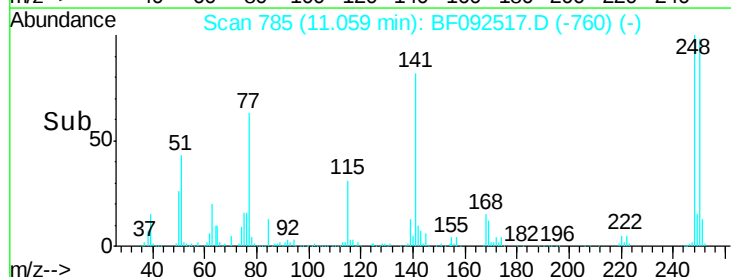
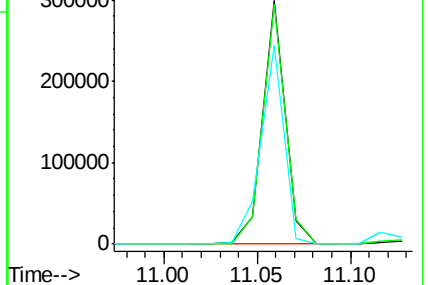
141 81.7 68.2 102.4

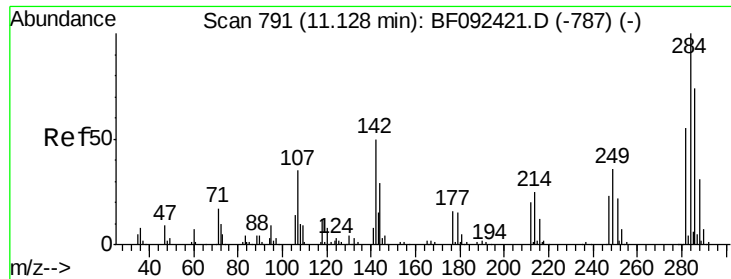


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





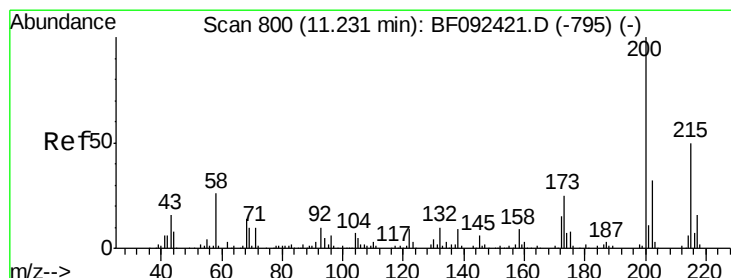
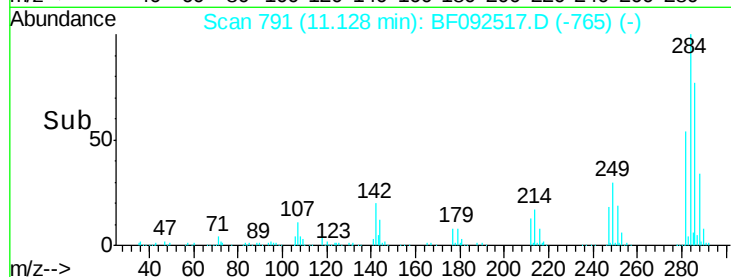
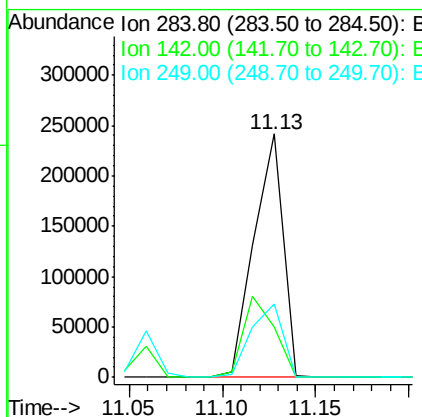
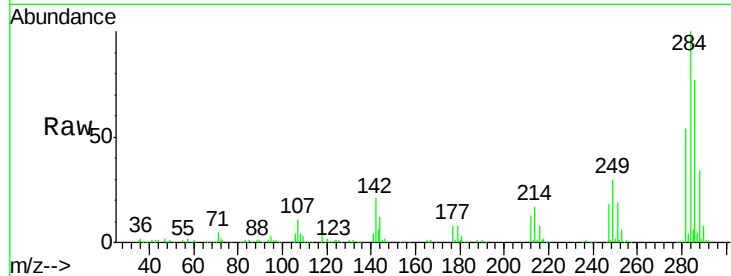
#67
Hexachlorobenzene
Concen: 48.61 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	260921		
142	20.7	22.6	33.8#	
249	30.3	25.4	38.0	

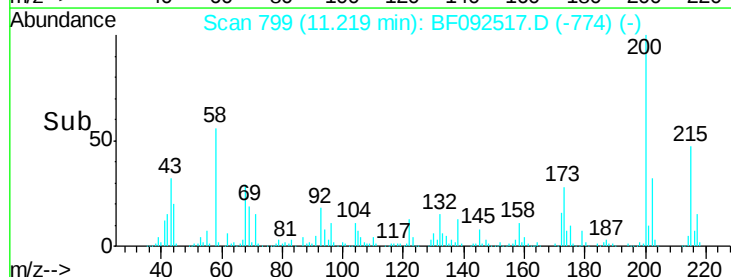
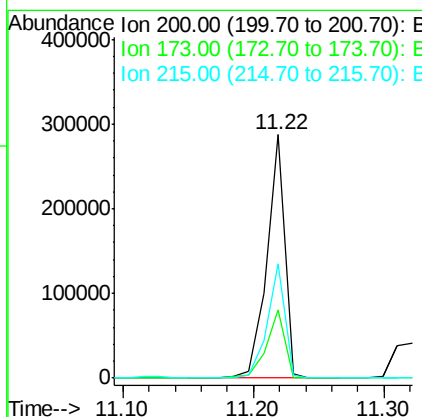
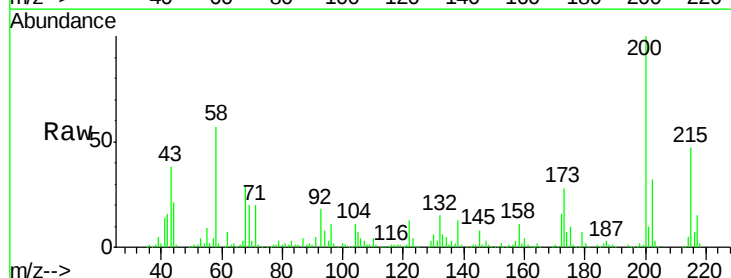
Manual Integrations
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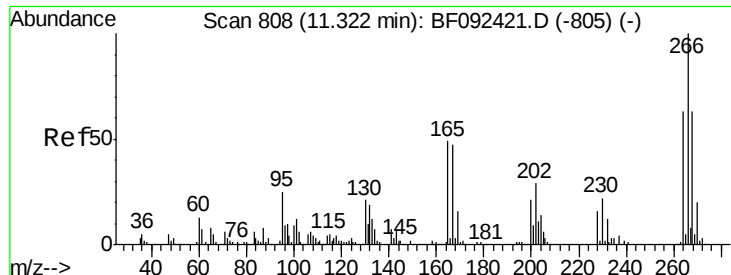
mohammad
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#68
Atrazine
Concen: 48.95 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	275209		
173	27.9	9.6	49.6	
215	46.8	25.7	65.7	





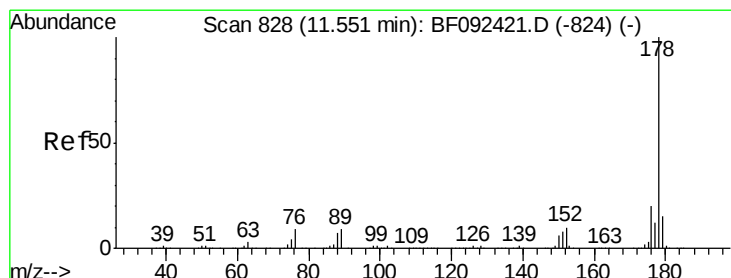
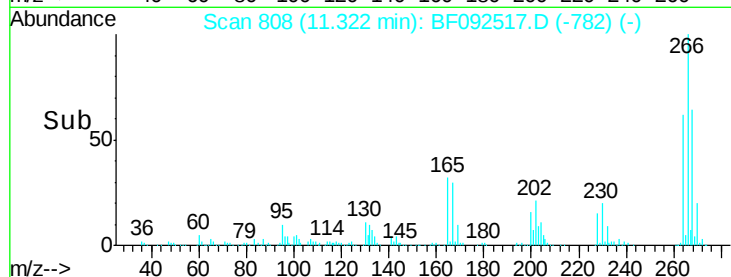
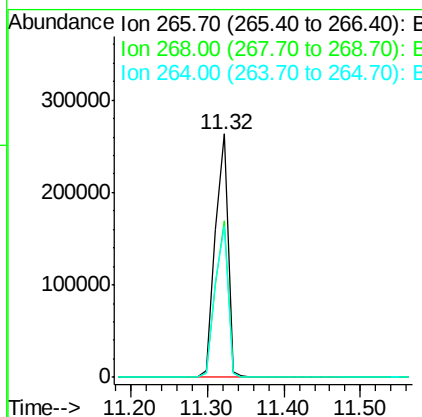
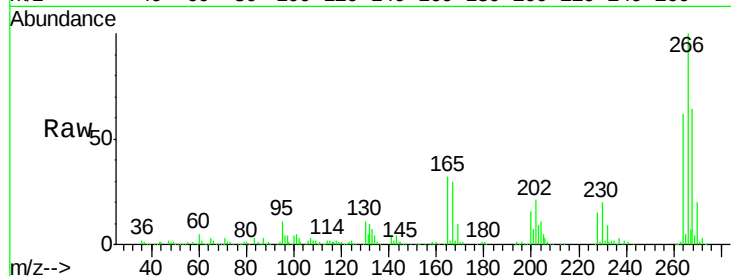
#69
 Pentachlorophenol
 Concen: 88.76 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	53.3	79.9
264	62.1	50.3	75.5

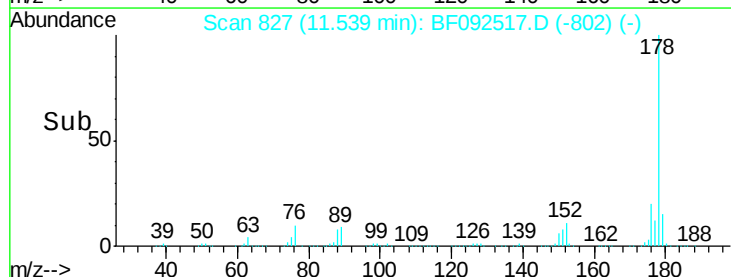
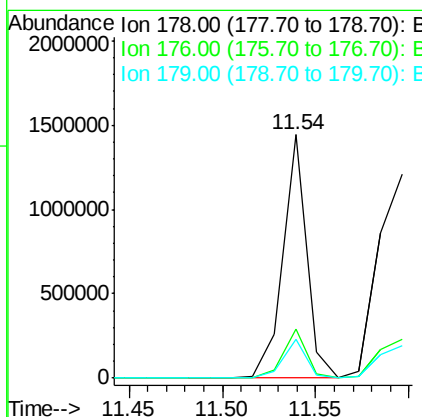
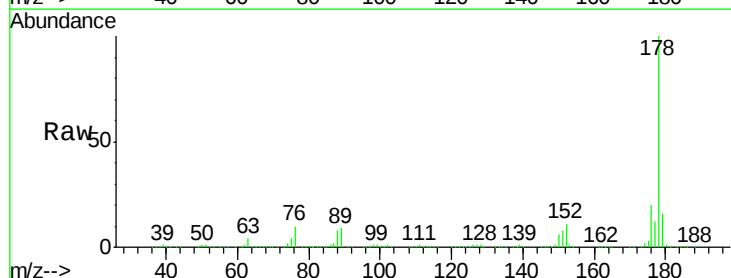
Manual Integrations
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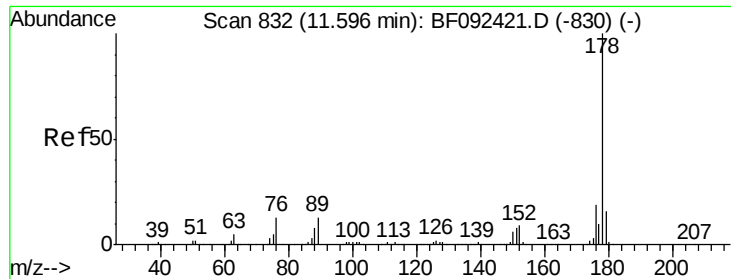
mohammad
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#70
 Phenanthrene
 Concen: 44.28 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.7	12.8	19.2





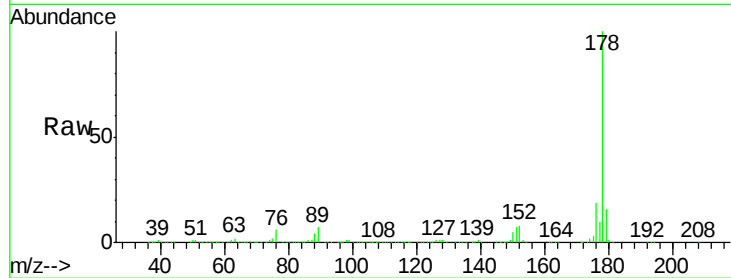
#71
 Anthracene
 Concen: 51.61 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

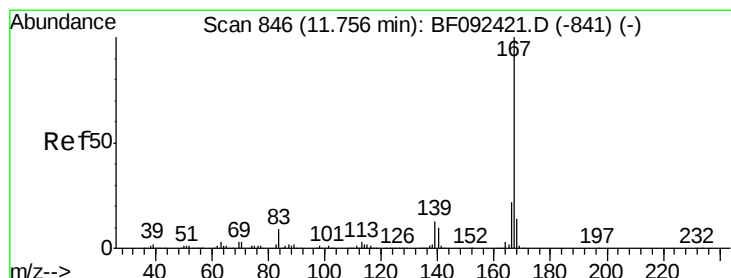
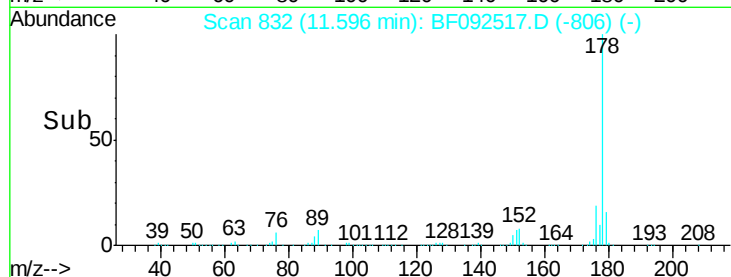
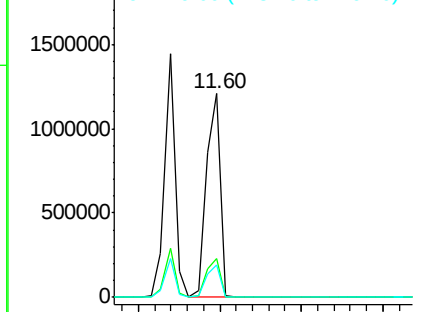
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.7	13.2	19.8

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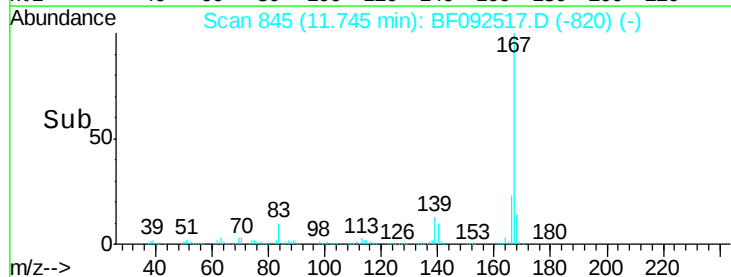
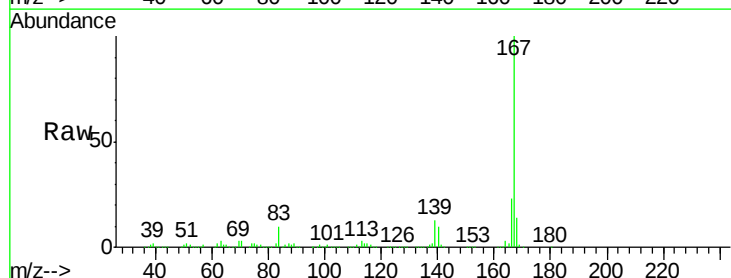
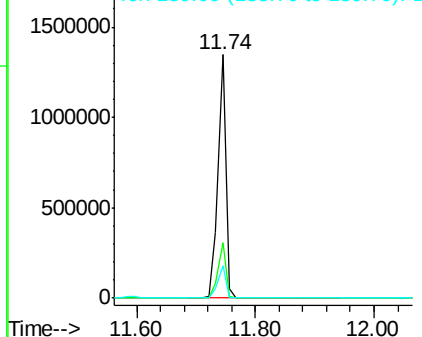
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

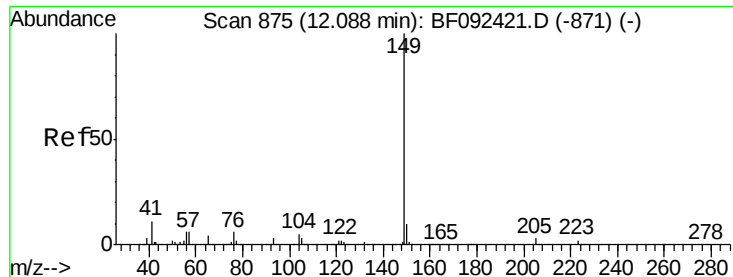


#72
 Carbazole
 Concen: 45.30 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.2
139	13.4	11.4	17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.61 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

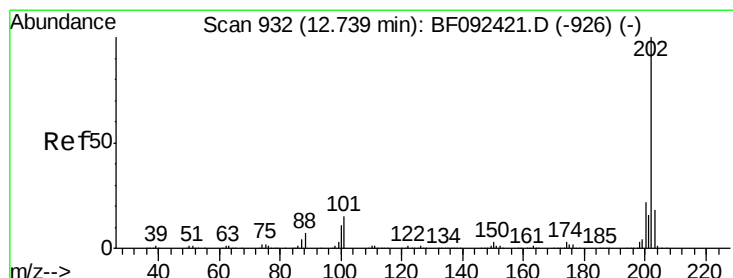
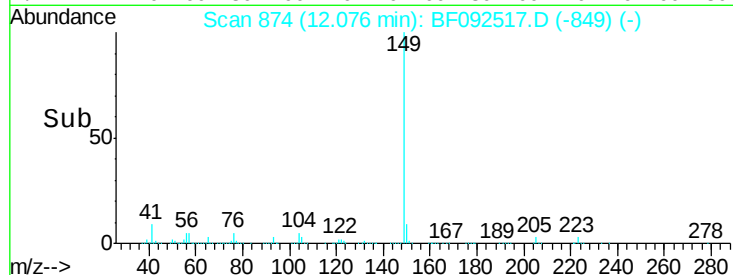
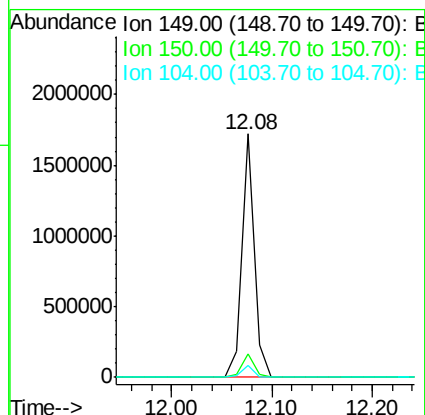
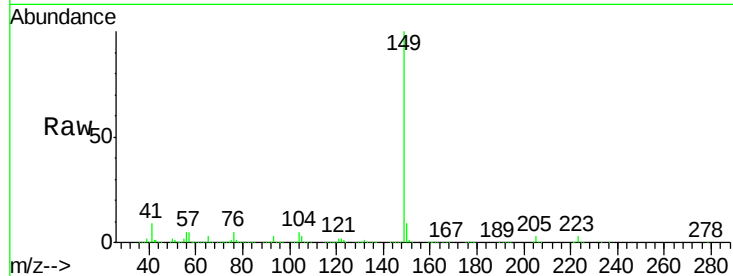
ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion:	149	Resp:	1471390
Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.6	4.6	7.0

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#74

Fluoranthene

Concen: 43.06 ng

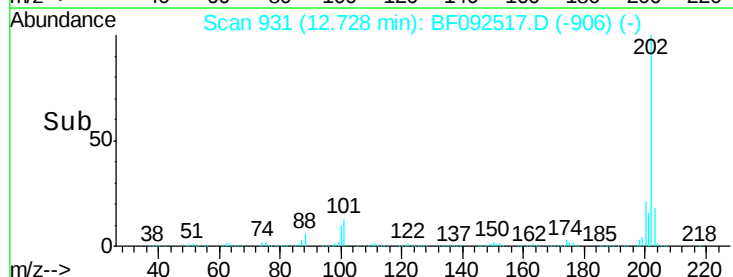
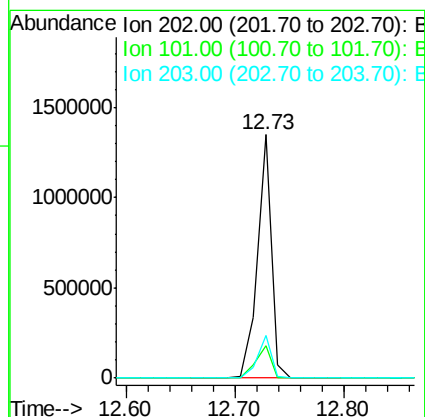
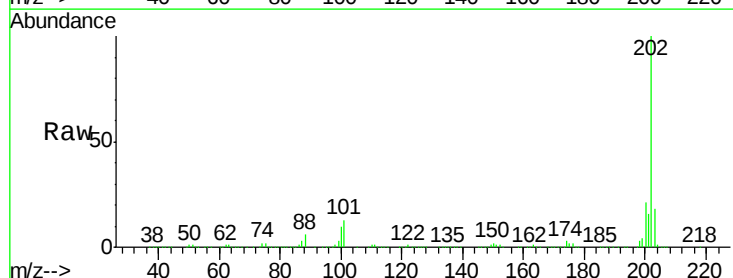
RT: 12.73 min Scan# 931

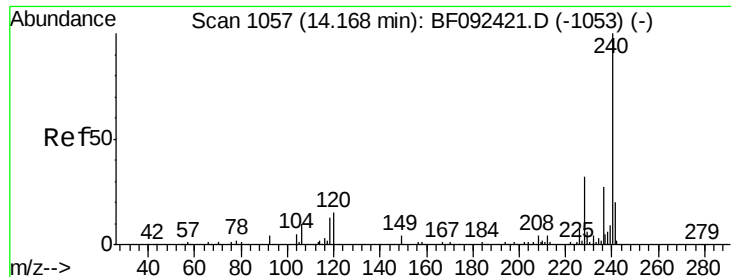
Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion:	202	Resp:	1220048
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.6
203	17.8	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Instrument :

BNA_F

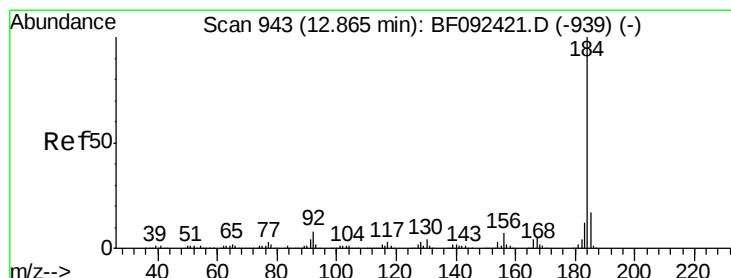
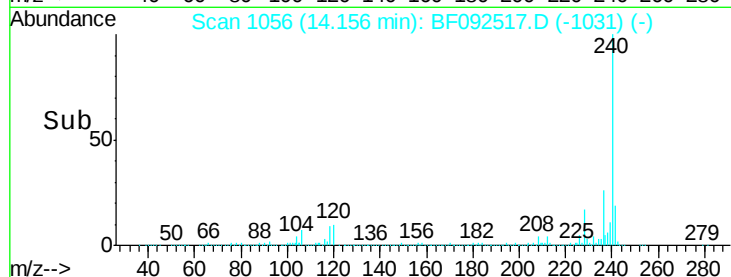
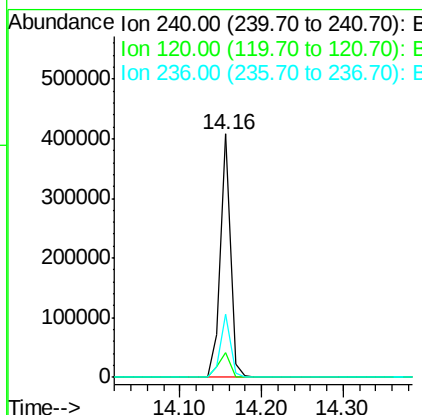
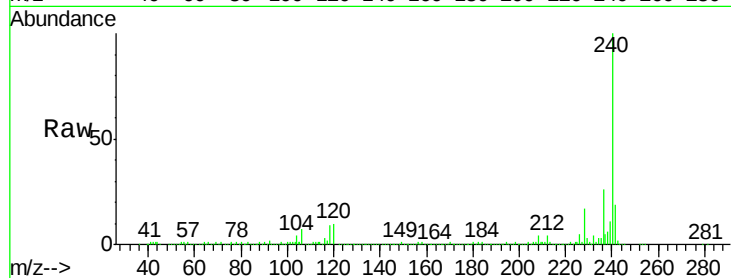
ClientSampleId :

ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	12.9	19.3#
236	26.0	20.9	31.3

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#76

Benzidine

Concen: 31.27 ng

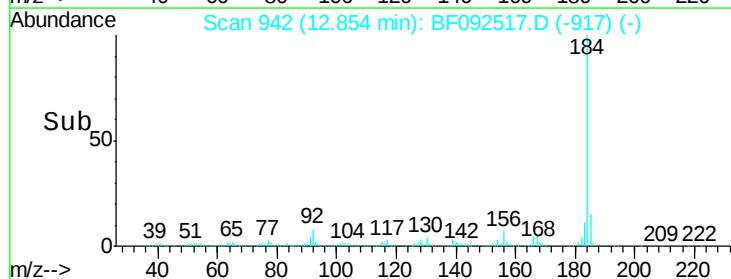
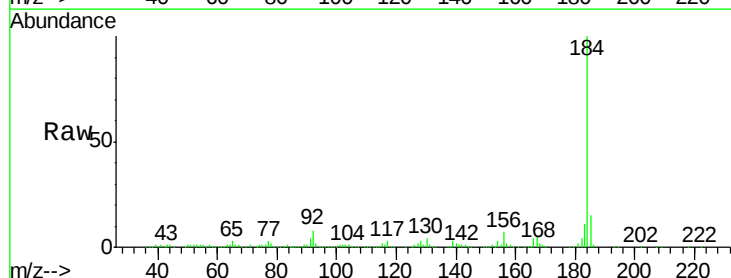
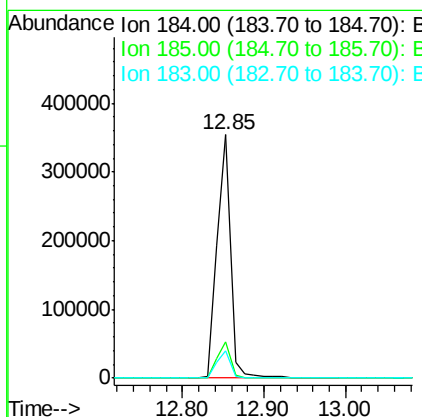
RT: 12.85 min Scan# 942

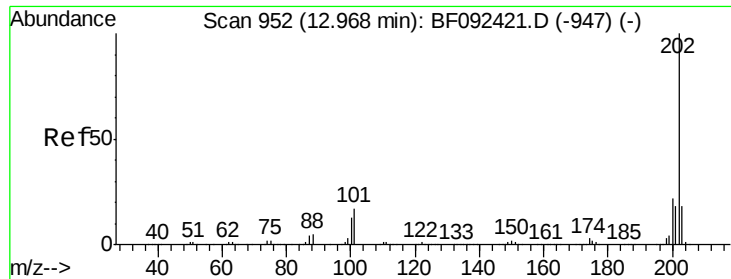
Delta R.T. -0.01 min

Lab File: BF092517.D

Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.0
183	11.3	9.2	13.8





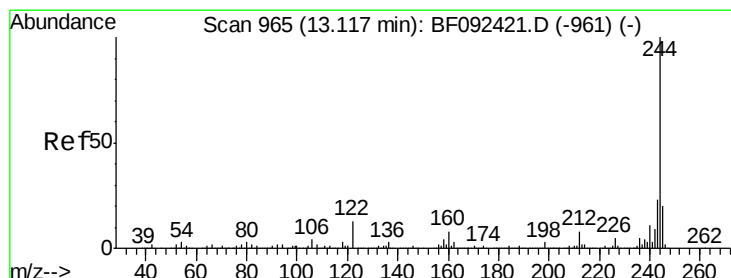
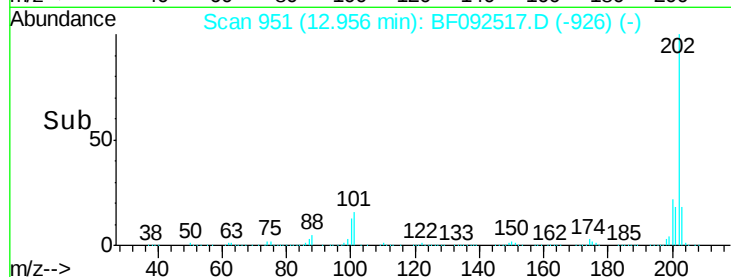
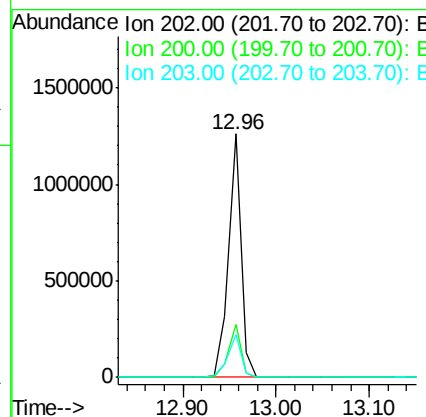
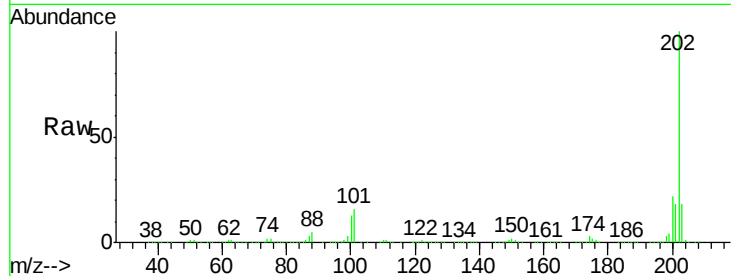
#77
Pvrene
Concen: 46.35 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.6	14.7	22.1

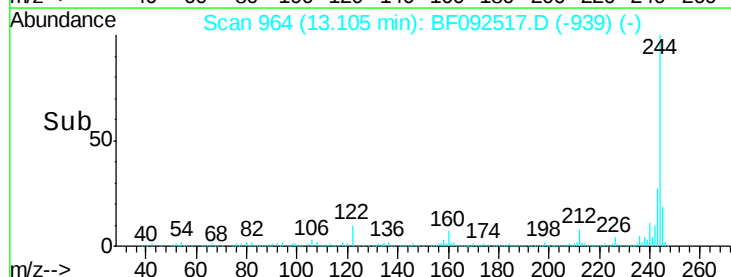
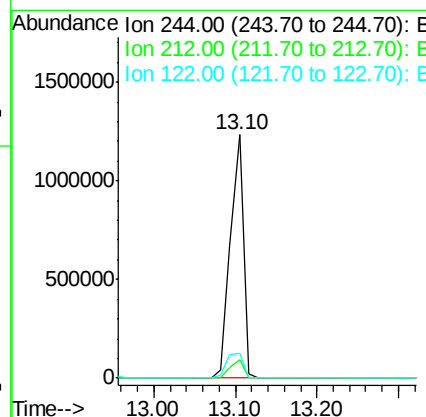
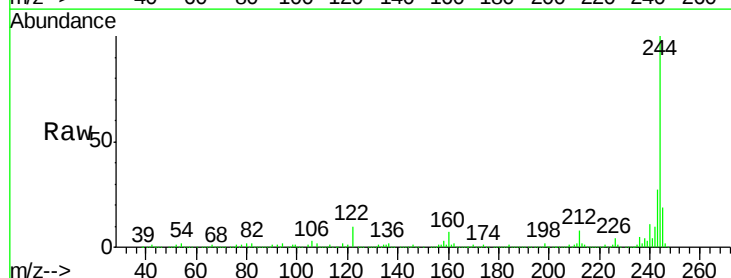
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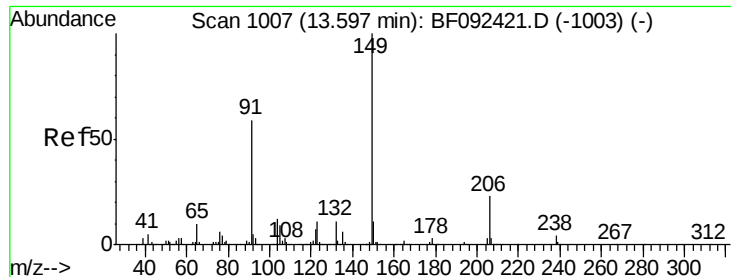
mohammad
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#78
Terphenyl-d14
Concen: 103.08 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.4	11.4	17.2





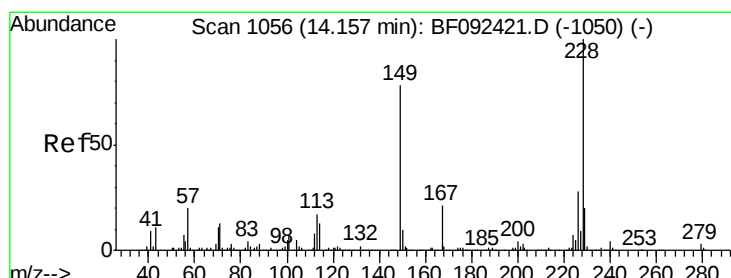
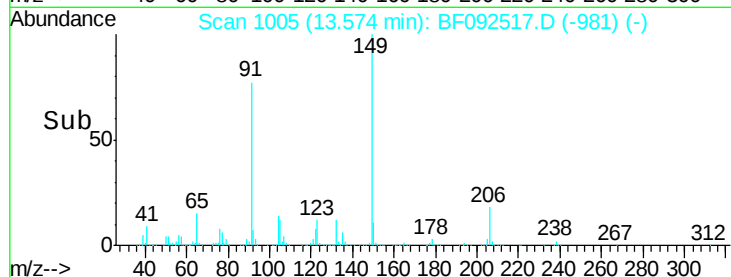
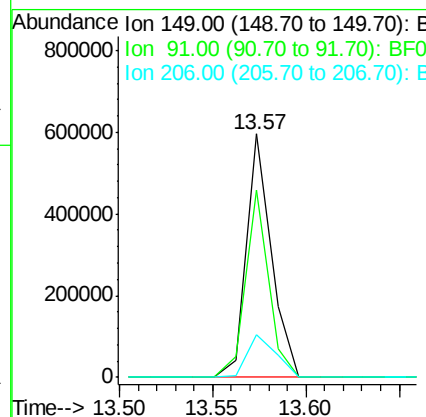
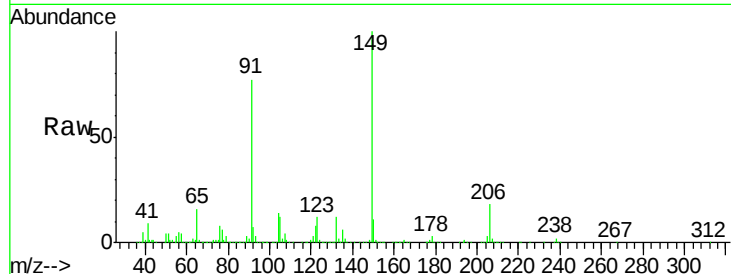
#79
Butylbenzylphthalate
Concen: 54.16 ng
RT: 13.57 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	557394		
91	77.1	63.9	95.9	
206	17.5	14.6	21.8	

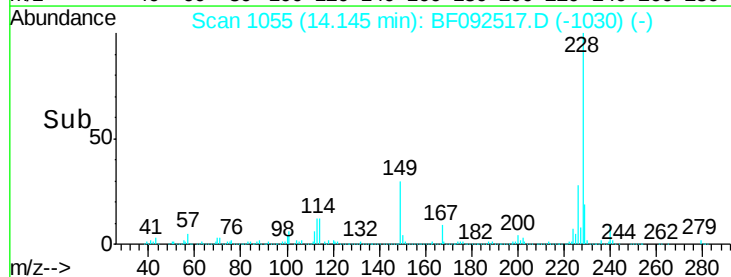
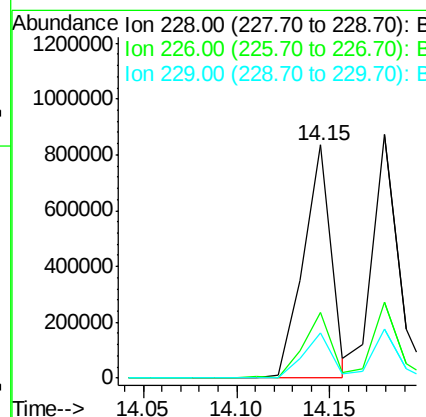
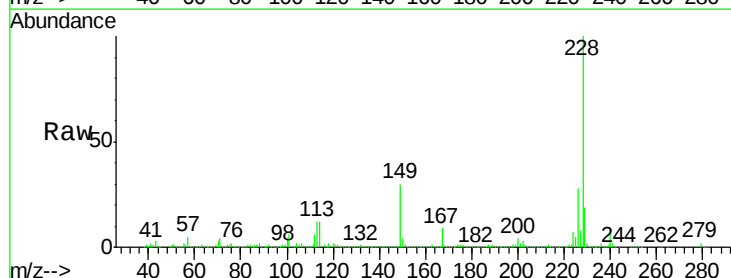
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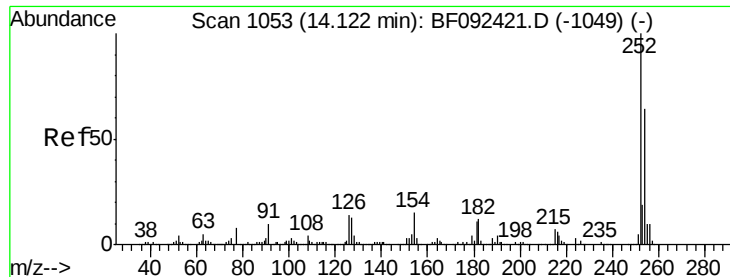
mohammad
1/27/2017 3:02:05 PM



#80
Benzo(a)anthracene
Concen: 46.12 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	868940		
226	28.4	22.4	33.6	
229	19.4	16.2	24.4	





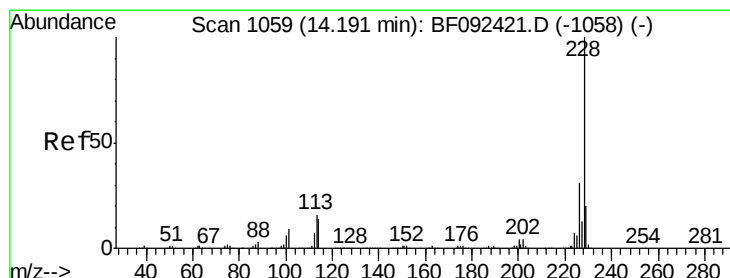
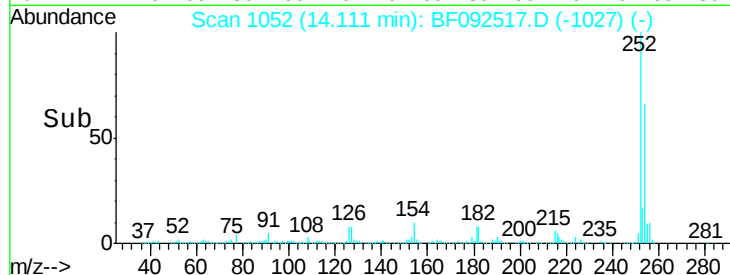
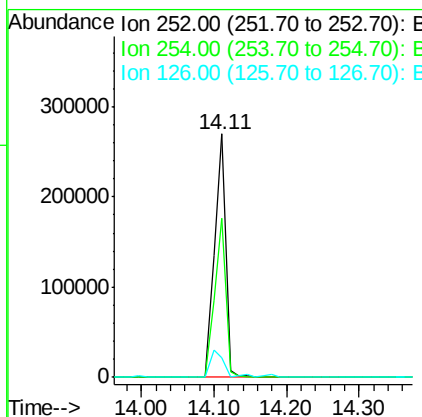
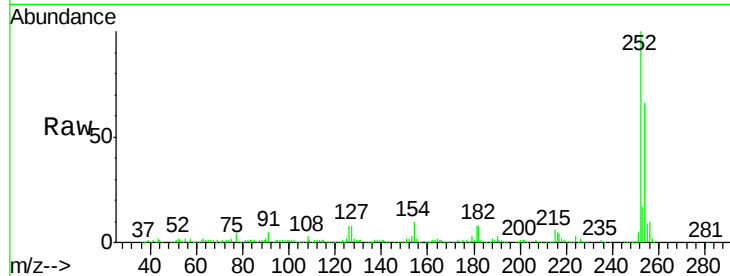
#81
 3,3'-Dichlorobenzidine
 Concen: 40.62 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	290614		
254	65.6	52.3	78.5	
126	8.0	13.6	20.4	

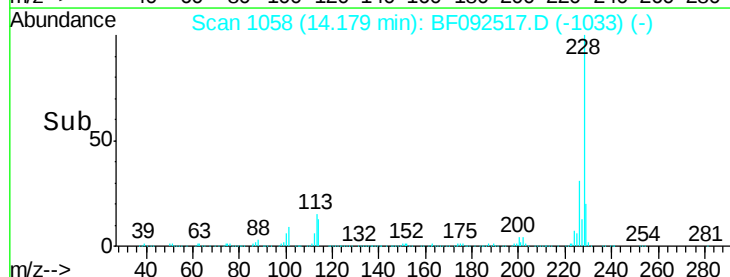
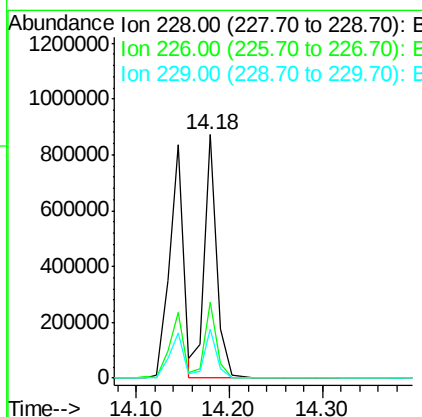
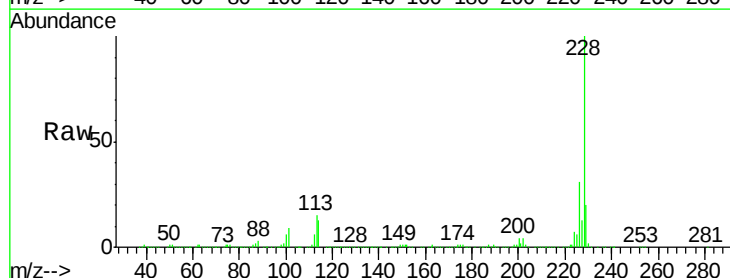
Manual Integrations
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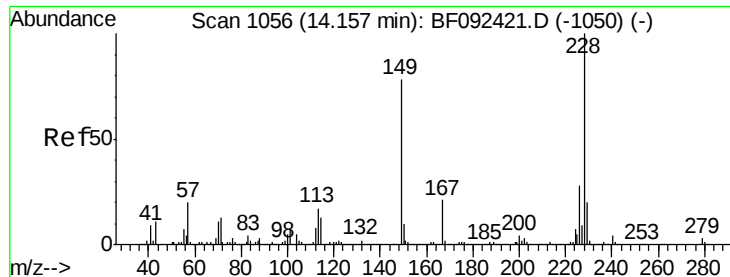
mohammad
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#82
 Chrysene
 Concen: 40.62 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	817339		
226	31.0	25.4	38.0	
229	20.4	16.2	24.2	





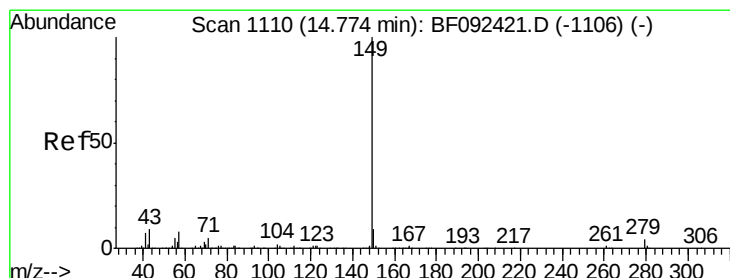
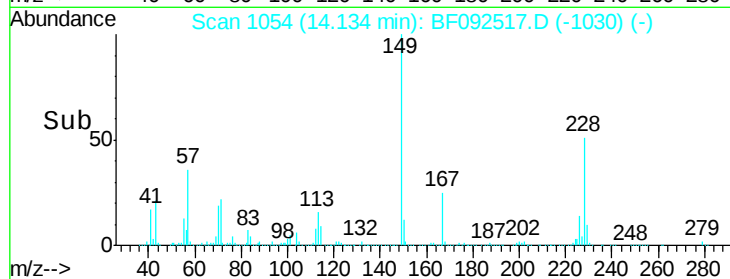
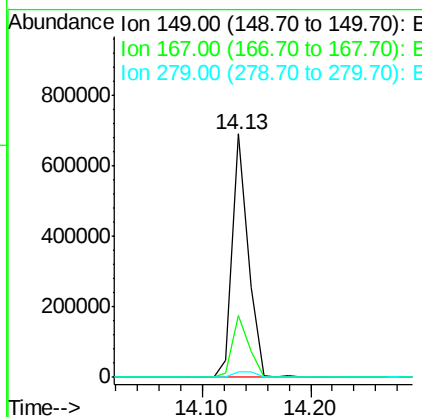
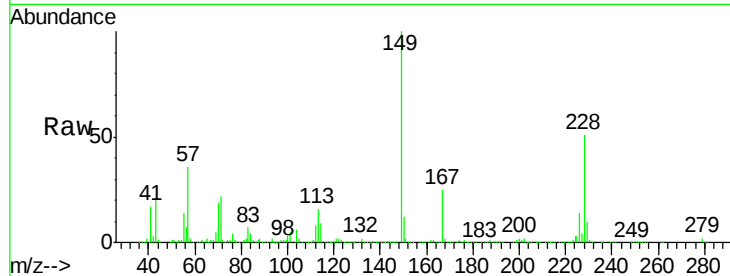
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.13 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	688536		
167	25.4		20.2	30.4
279	2.2		1.8	2.8

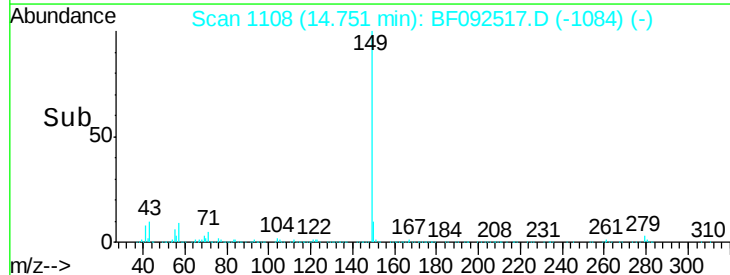
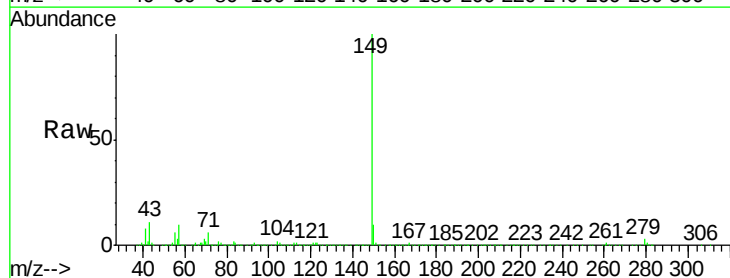
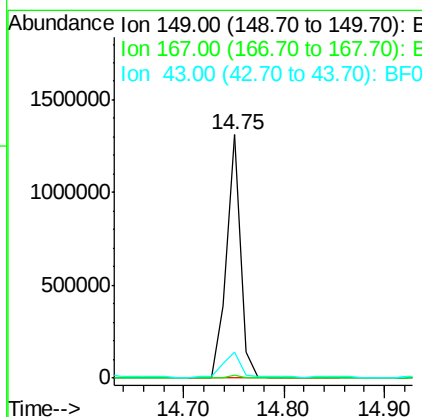
Manual Integrations
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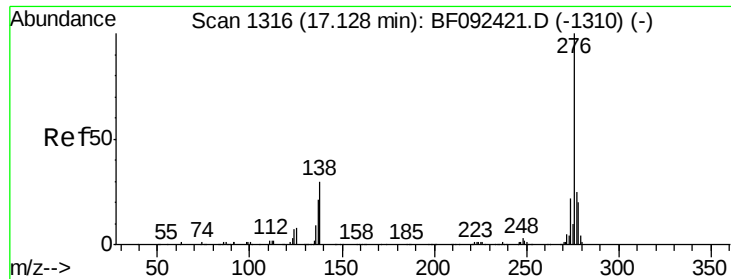
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 54.23 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1276000		
167	1.5		1.3	1.9
43	12.3		8.9	13.3





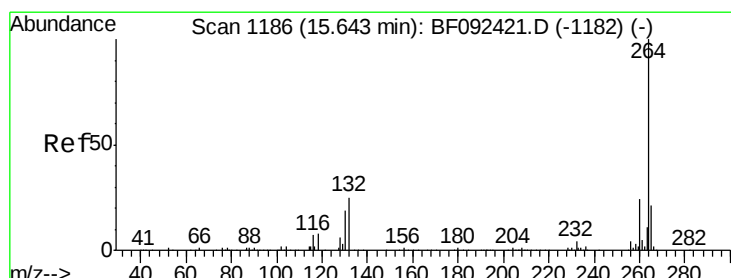
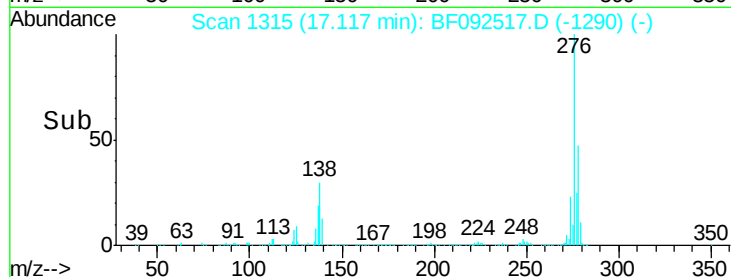
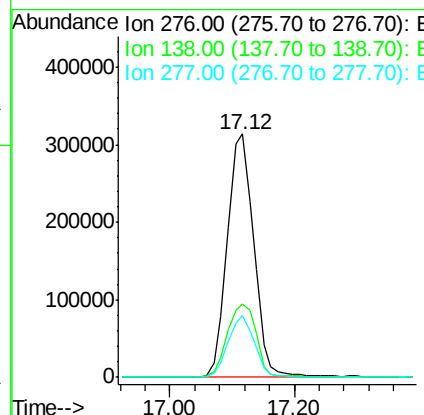
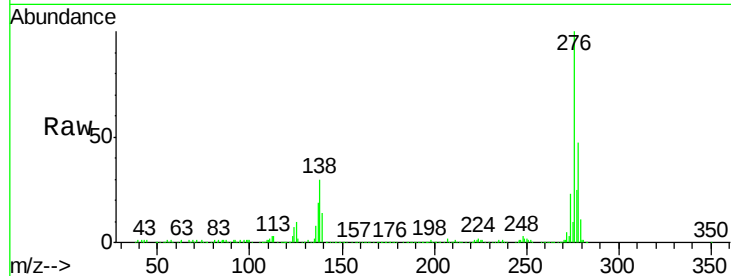
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.66 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	33.3	21.8	32.6		
277	25.4	20.2	30.4		

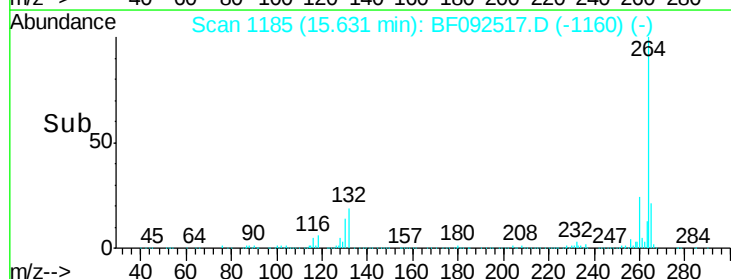
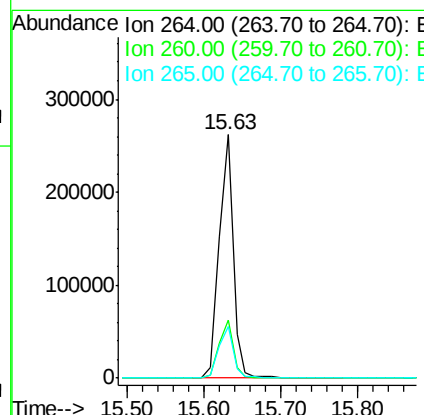
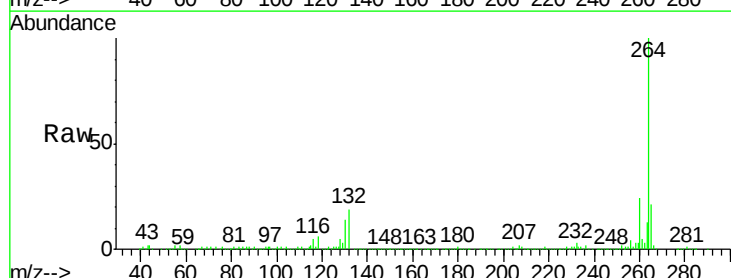
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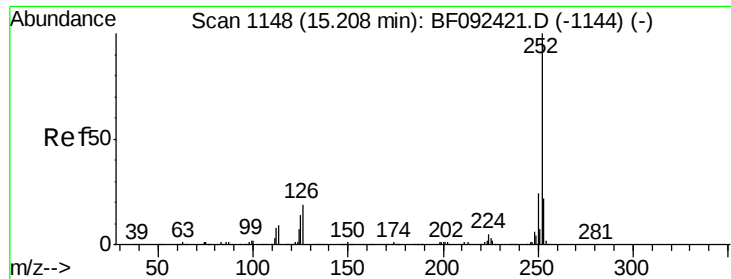
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.8	19.2	28.8		
265	21.4	17.4	26.0		





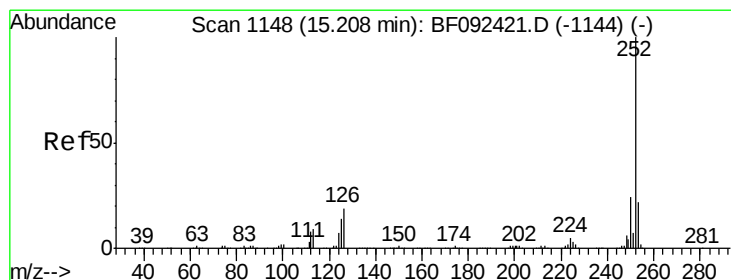
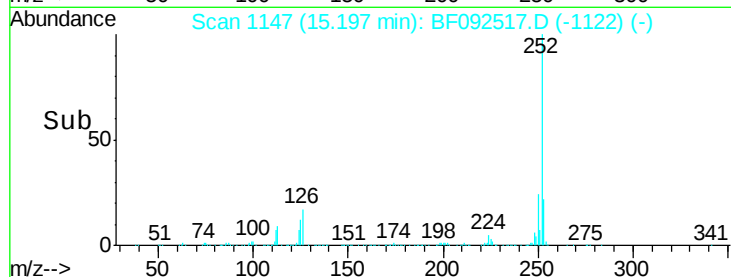
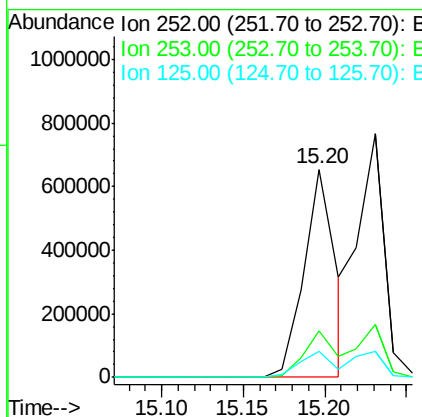
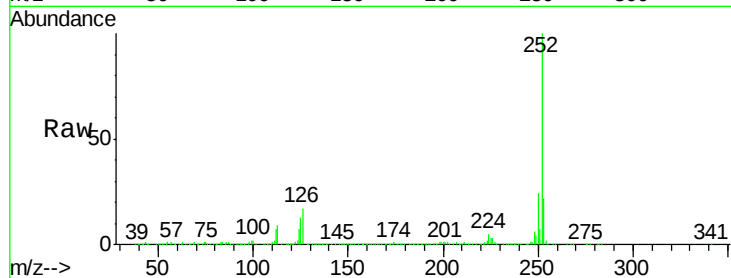
#87
Benzo(b)fluoranthene
Concen: 40.42 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.6	9.8	14.6

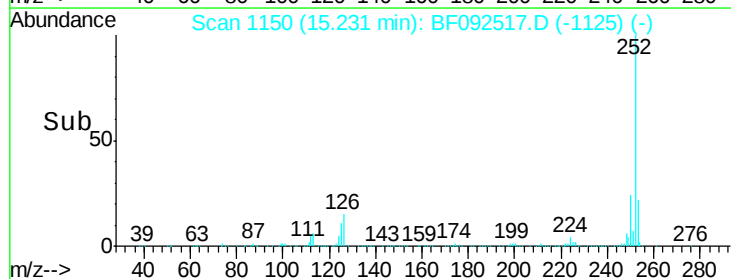
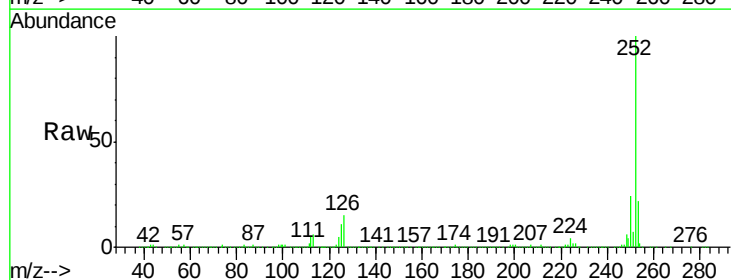
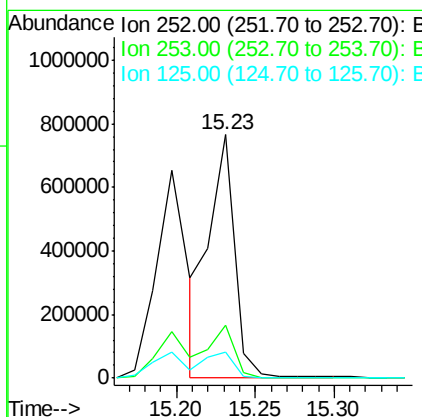
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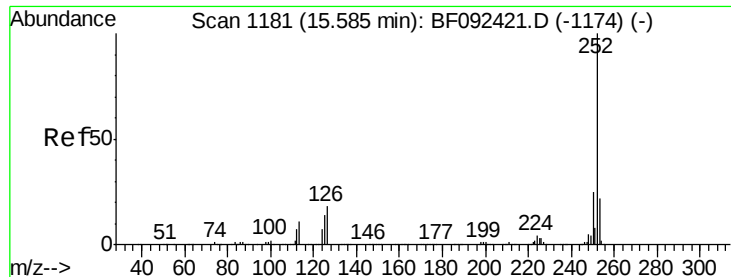
mohammad
1/27/2017 3:02:05 PM



#88
Benzo(k)fluoranthene
Concen: 49.15 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	10.9	8.9	13.3





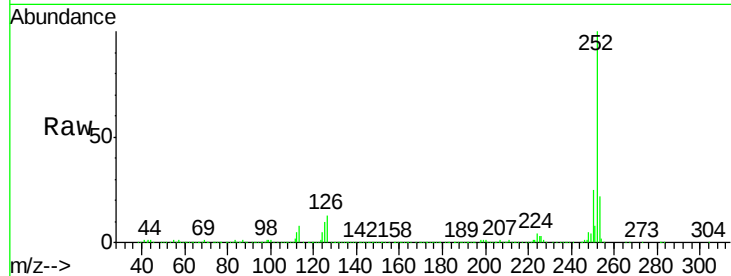
#89
Benzo(a)pyrene
Concen: 48.33 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Instrument :
BNA_F
ClientSampleId :
ELT-SB-01-0-2MSD

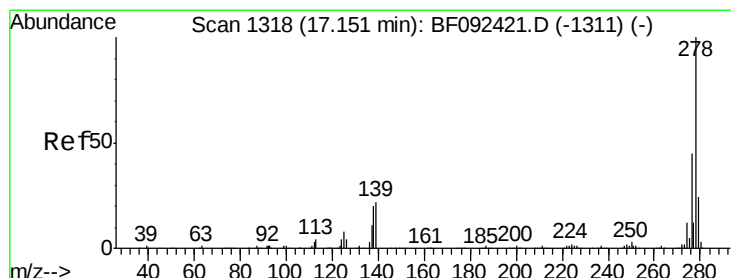
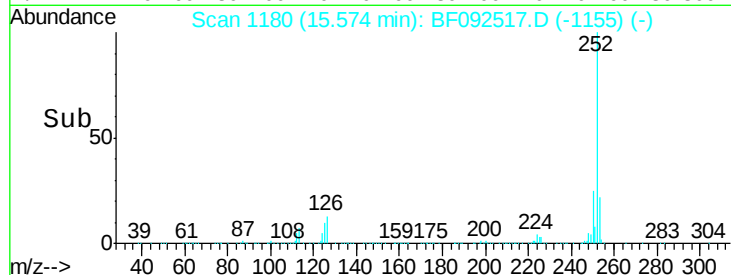
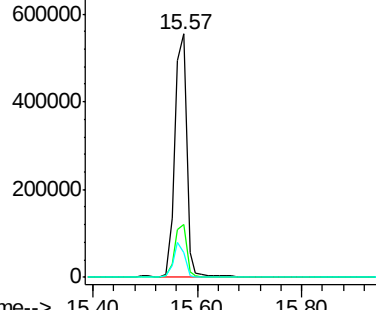
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.3	10.0	15.0

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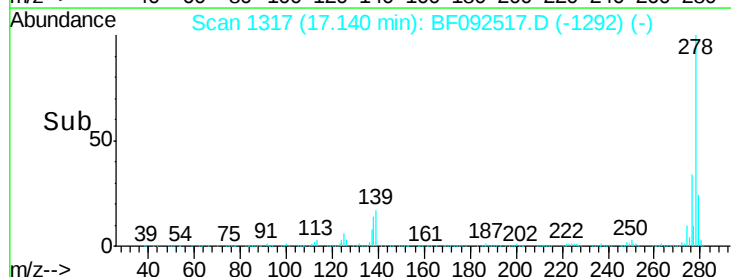
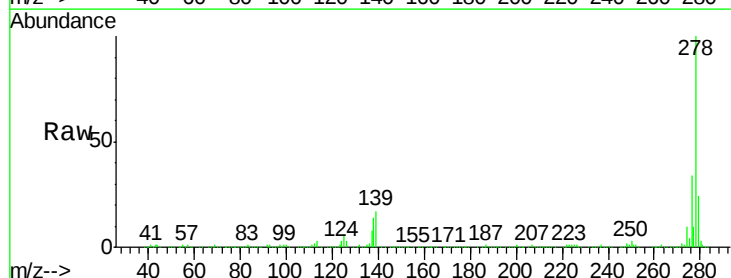
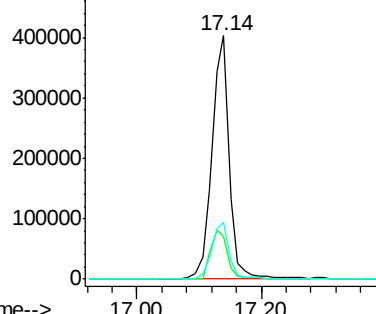
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

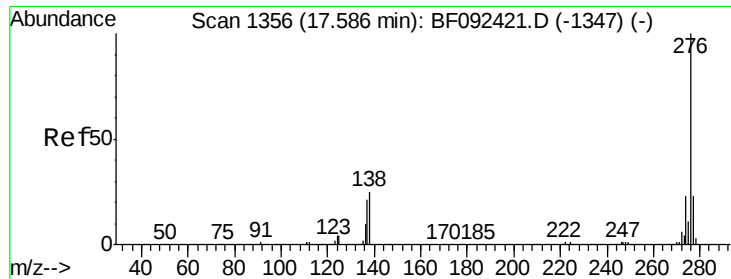


#90
Dibenzo(a,h)anthracene
Concen: 53.38 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF092517.D
Acq: 26 Jan 2017 11:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.8	22.2
279	23.6	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 51.03 ng
 RT: 17.56 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BF092517.D
 Acq: 26 Jan 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 ELT-SB-01-0-2MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	19.2	28.8
138	28.1	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:02:05 PM

