

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093104.D
 Acq On : 23 Feb 2017 15:00
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 2/24/2017 2:10:59 PM

Quant Time: Feb 23 23:55:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	197176	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	815988	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	435641	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	752072	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	599017	20.00	ng	-0.01
86) Perylene-d12	15.43	264	513471	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	965989	84.05	ng	-0.01
7) Phenol-d6	6.49	99	1217505	82.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	1231207	84.02	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	251145	79.71	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1741885	72.44	ng	-0.01
78) Terphenyl-d14	12.94	244	1833058	71.90	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	256881	41.36	ng	86
3) Pyridine	3.12	79	720281	45.61	ng	87
4) n-Nitrosodimethylamine	3.09	42	320398	43.21	ng	90
6) Aniline	6.51	93	878581	43.56	ng	# 47
8) 2-Chlorophenol	6.62	128	517368	40.80	ng	90
9) Benzaldehyde	6.38	77	366411	34.59	ng	90
10) Phenol	6.50	94	705331	40.77	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	559942	40.55	ng	90
12) 1,3-Dichlorobenzene	6.78	146	630654	42.47	ng	97
13) 1,4-Dichlorobenzene	6.86	146	645494	42.95	ng	93
14) 1,2-Dichlorobenzene	7.01	146	544387	37.88	ng	97
15) Benzyl Alcohol	6.99	79	410732	37.52	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	978381	40.78	ng	96
17) 2-Methylphenol	7.12	107	484808	44.57	ng	98
18) Hexachloroethane	7.36	117	212562	41.43	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	438815	46.62	ng	95
20) 3+4-Methylphenols	7.26	107	530731	40.81	ng	# 75
22) Acetophenone	7.26	105	699685	37.56	ng	# 93
24) Nitrobenzene	7.44	77	580921	38.61	ng	100
25) Isophorone	7.68	82	1176928	43.10	ng	95
26) 2-Nitrophenol	7.76	139	332579	46.50	ng	90
27) 2,4-Dimethylphenol	7.80	122	536440	42.71	ng	93
28) bis(2-Chloroethoxy)methane	7.89	93	788895	43.62	ng	99
29) 2,4-Dichlorophenol	8.00	162	456699	38.98	ng	90
30) 1,2,4-Trichlorobenzene	8.08	180	477480	37.82	ng	96
31) Naphthalene	8.16	128	1528183	36.94	ng	99
32) Benzoic acid	7.95	122	318305	45.21	ng	93
33) 4-Chloroaniline	8.21	127	717559	44.23	ng	98
34) Hexachlorobutadiene	8.27	225	249565	35.93	ng	100
35) Caprolactam	8.60	113	161598	43.85	ng	# 44
36) 4-Chloro-3-methylphenol	8.70	107	514842	42.15	ng	85
37) 2-Methylnaphthalene	8.84	142	1017754	38.32	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	480384	39.28	ng	99
40) Hexachlorocyclopentadiene	9.00	237	239434	43.40	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040

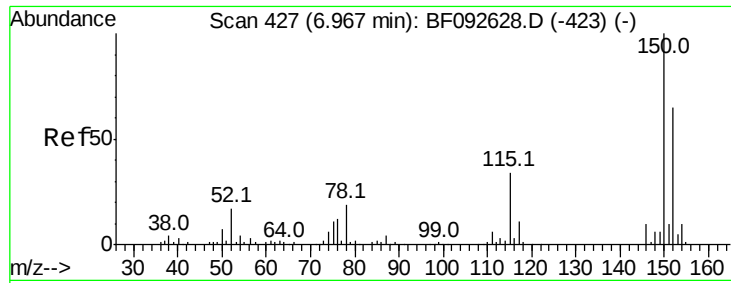
Manual Integrations
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Quant Time: Feb 23 23:55:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	314933	39.19	nq	93
43) 2,4,5-Trichlorophenol	9.17	196	360807	40.98	nq #	88
45) 1,1'-Biphenyl	9.31	154	1229345	38.97	nq	97
46) 2-Chloronaphthalene	9.33	162	946077	38.34	nq	96
47) 2-Nitroaniline	9.44	65	360243	43.42	nq	98
48) Acenaphthylene	9.74	152	1533834	35.98	nq	99
49) Dimethylphthalate	9.62	163	1213941	41.37	nq	99
50) 2,6-Dinitrotoluene	9.68	165	258868	40.85	nq #	75
51) Acenaphthene	9.92	154	888592	34.86	nq	97
52) 3-Nitroaniline	9.85	138	286349	39.48	nq	98
53) 2,4-Dinitrophenol	9.96	184	141072	45.91	nq #	91
54) Dibenzofuran	10.09	168	1132132	33.21	nq	97
55) 4-Nitrophenol	10.02	139	227225	43.50	nq	82
56) 2,4-Dinitrotoluene	10.09	165	348968	41.36	nq #	86
57) Fluorene	10.43	166	983563	37.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	265533	45.21	nq	94
59) Diethylphthalate	10.30	149	1099566	39.76	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	454787	36.09	nq	95
61) 4-Nitroaniline	10.46	138	314064	42.28	nq	91
62) Azobenzene	10.58	77	1138185	39.84	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	214409	46.90	nq	87
65) n-Nitrosodiphenylamine	10.54	169	885475	36.86	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	292806	37.27	nq	96
67) Hexachlorobenzene	10.98	284	294034	37.87	nq #	93
68) Atrazine	11.07	200	271980	35.28	nq	99
69) Pentachlorophenol	11.17	266	167691	45.27	nq	96
70) Phenanthrene	11.39	178	1461278	33.91	nq	99
71) Anthracene	11.45	178	1749958	40.44	nq	98
72) Carbazole	11.60	167	1593066	38.52	nq	99
73) Di-n-butylphthalate	11.93	149	1758484	39.31	nq #	98
74) Fluoranthene	12.58	202	1650981	37.15	nq	97
76) Benzidine	12.70	184	944590	37.01	nq	98
77) Pyrene	12.81	202	1686329	37.62	nq	99
79) Butylbenzylphthalate	13.42	149	806340	44.29	nq #	78
80) Benzo(a)anthracene	14.00	228	1347317	36.77	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	536896	41.11	nq #	95
82) Chrysene	14.03	228	1258511	36.69	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	970011	38.96	nq	99
84) Di-n-octyl phthalate	14.59	149	1780977	43.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.83	276	1058155	39.83	nq #	94
87) Benzo(b)fluoranthene	15.03	252	1424493m	42.15	nq	
88) Benzo(k)fluoranthene	15.05	252	1029409m	35.28	nq	
89) Benzo(a)pyrene	15.37	252	1147415	39.25	nq	97
90) Dibenzo(a,h)anthracene	16.84	278	900671	38.12	nq	97
91) Benzo(g,h,i)perylene	17.25	276	892556	37.39	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

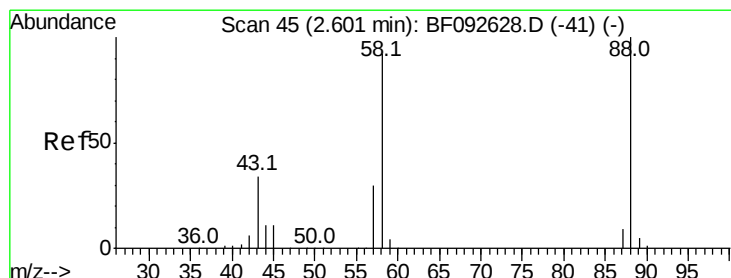
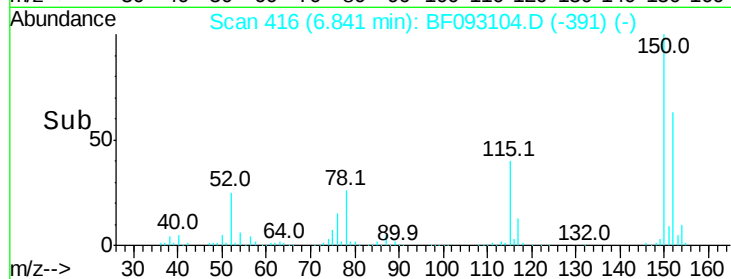
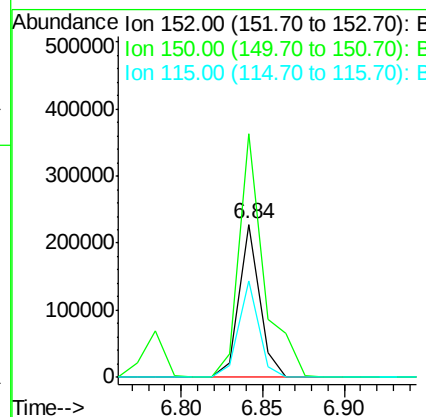
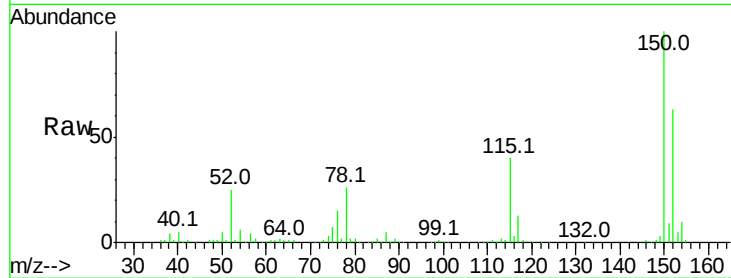
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	197176
Ion Ratio	Lower	Upper	
152	100		
150	159.2	124.9	187.3
115	63.1	46.0	69.0

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#2

1,4-Dioxane

Concen: 41.36 ng

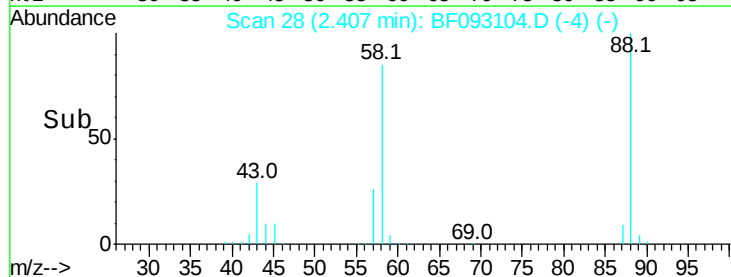
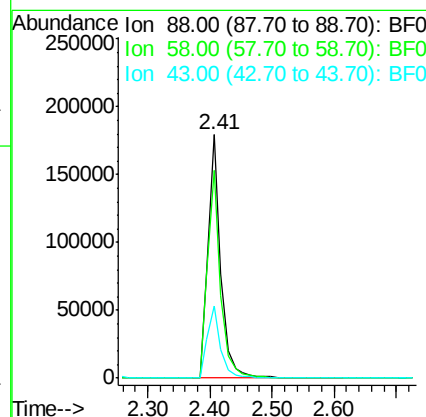
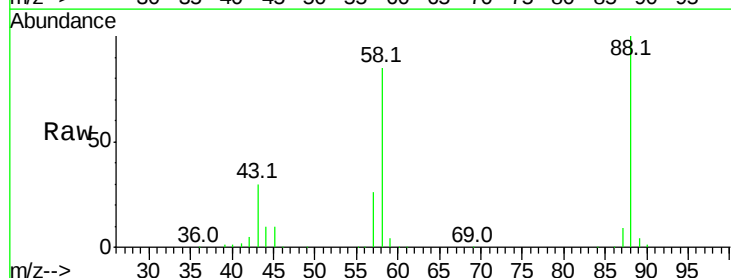
RT: 2.41 min Scan# 28

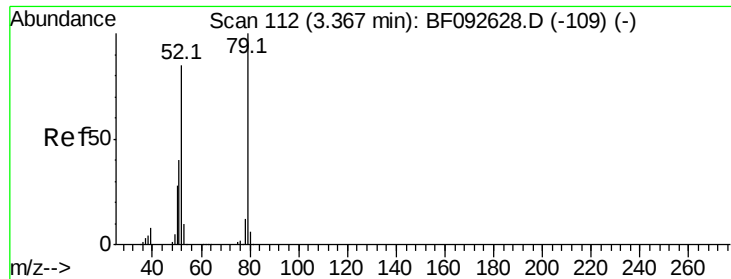
Delta R.T. -0.02 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion:	88	Resp:	256881
Ion Ratio	Lower	Upper	
88	100		
58	86.6	57.8	86.8
43	31.0	22.3	33.5





#3

Pvridine

Concen: 45.61 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.03 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

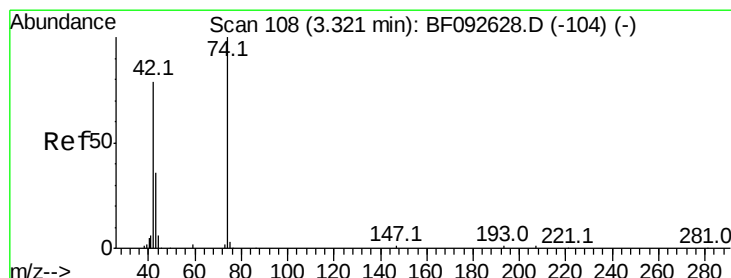
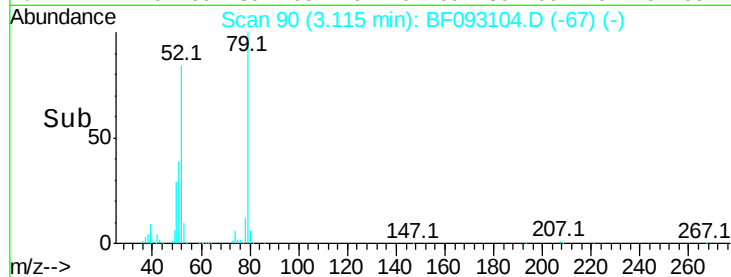
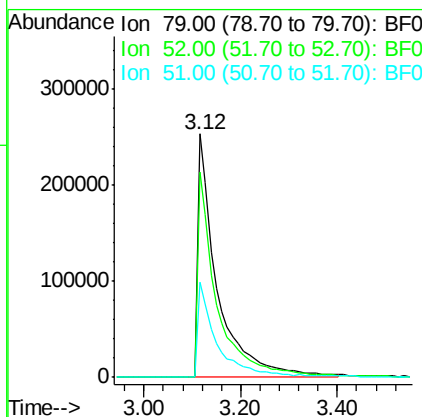
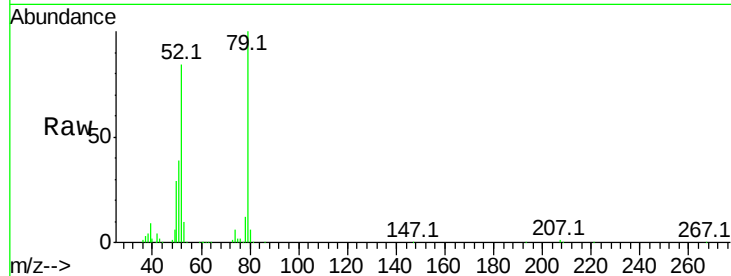
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	720281
Ion Ratio	Lower	Upper	
79	100		
52	84.1	57.1	85.7
51	39.3	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 43.21 ng

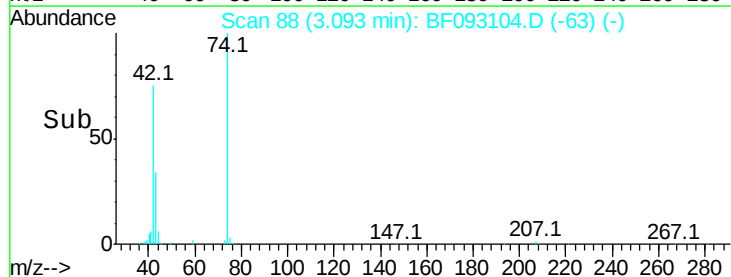
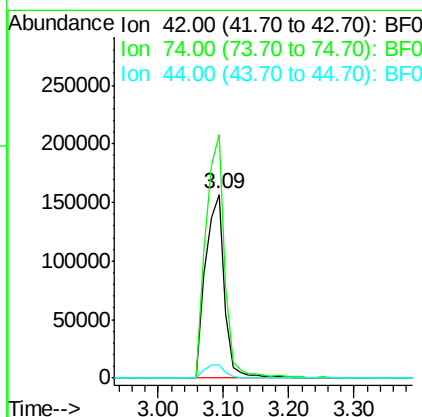
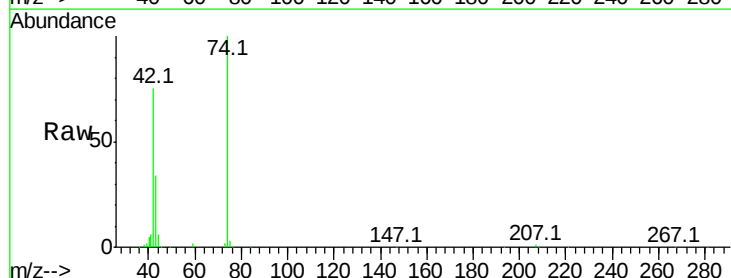
RT: 3.09 min Scan# 88

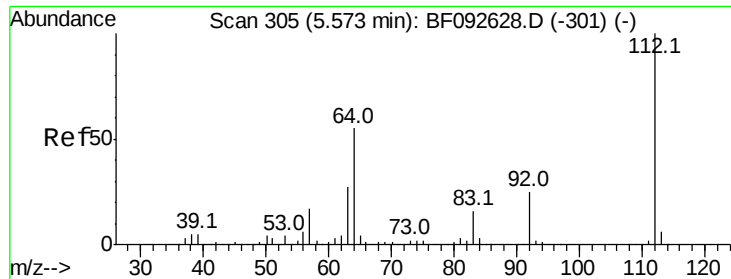
Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion:	42	Resp:	320398
Ion Ratio	Lower	Upper	
42	100		
74	132.6	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 84.05 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

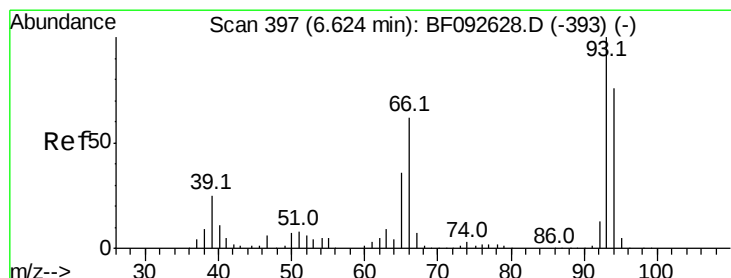
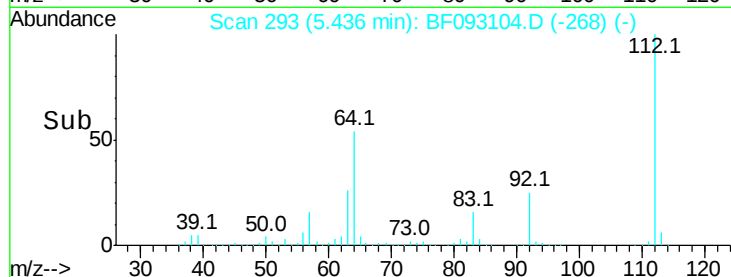
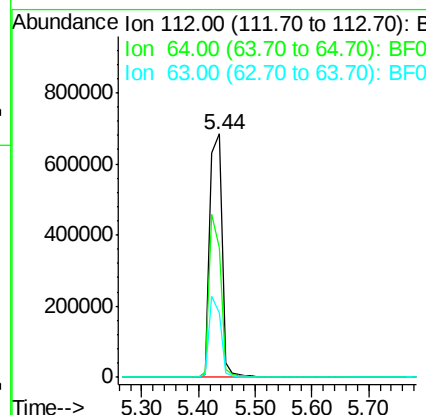
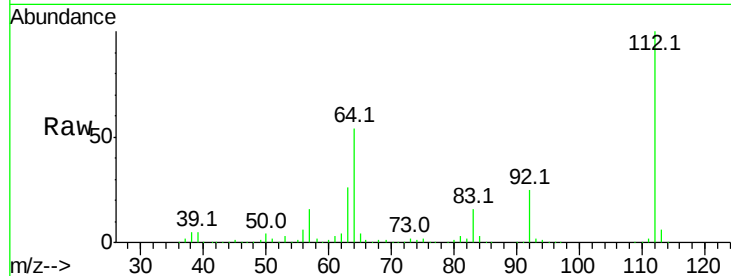
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	965989		
64	53.5	46.1	69.1	
63	26.3	23.8	35.6	

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#6

Aniline

Concen: 43.56 ng

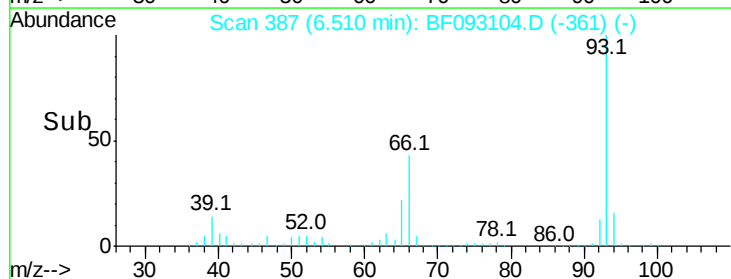
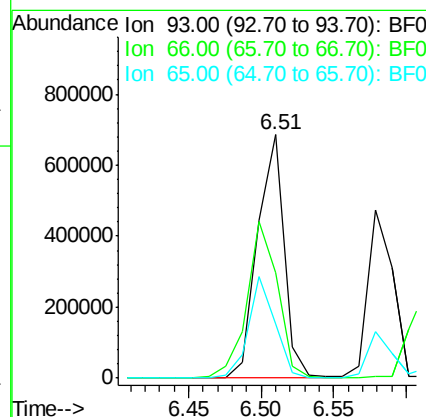
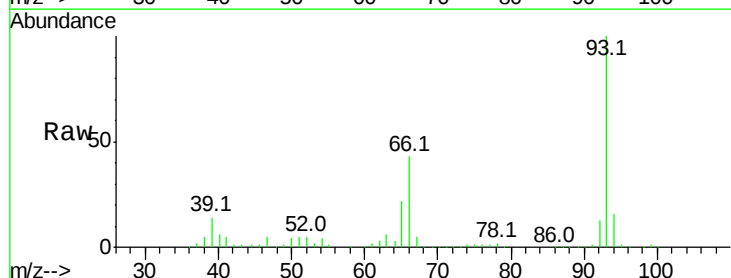
RT: 6.51 min Scan# 387

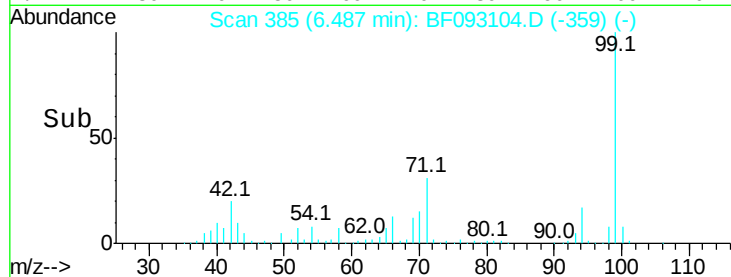
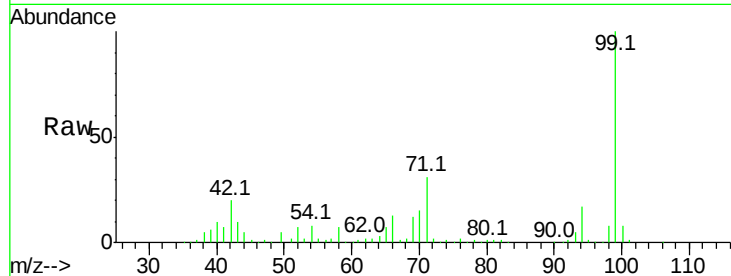
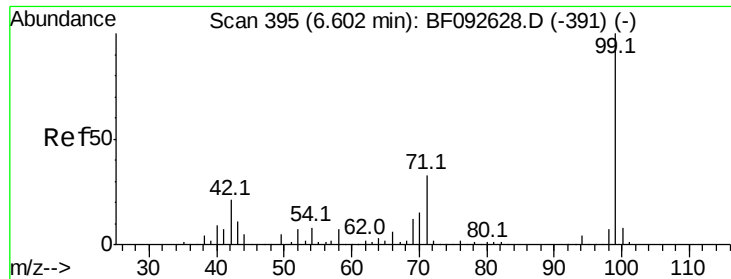
Delta R.T. -0.00 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	878581		
66	43.1	76.2	114.2#	
65	22.1	49.3	73.9#	





#7

Phenol-d6

Concen: 82.33 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tot Ion: 99 Resp: 1217505

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

71 31.4 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

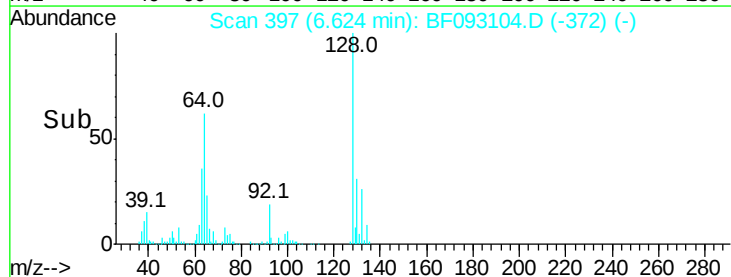
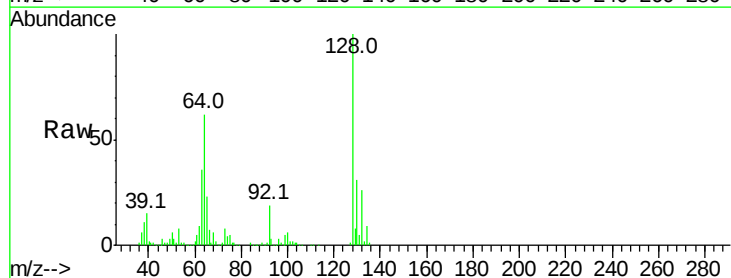
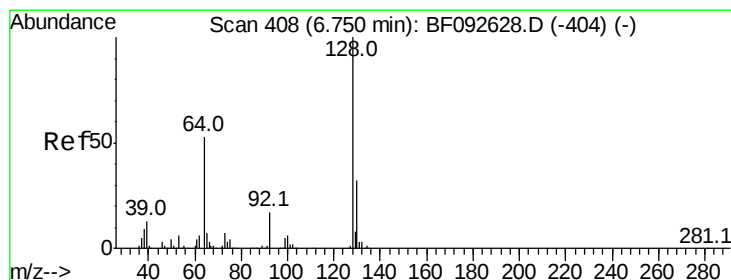
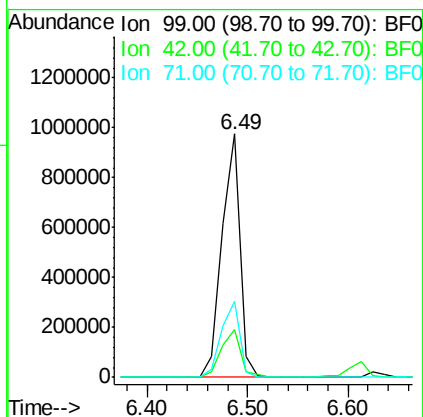
SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.80 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

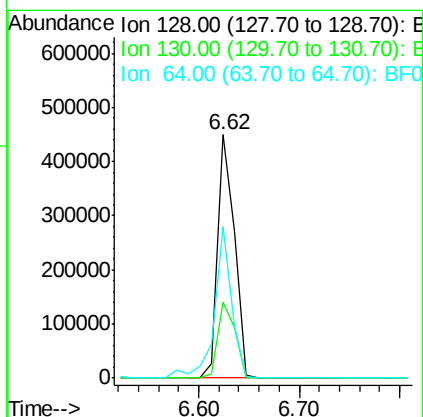
Tgt Ion: 128 Resp: 517368

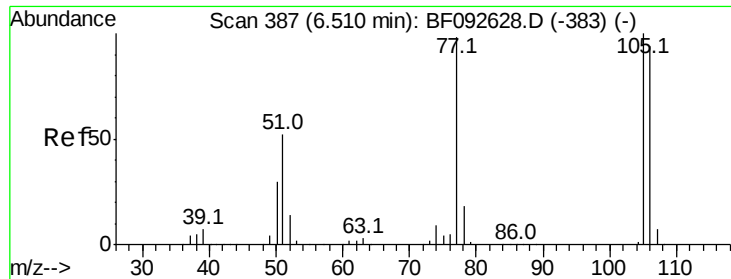
Ion Ratio Lower Upper

128 100

130 31.2 12.3 52.3

64 62.5 32.2 72.2





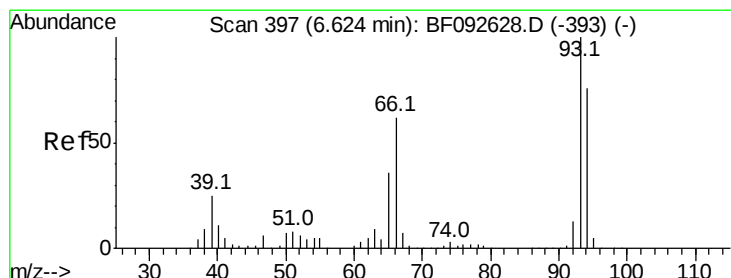
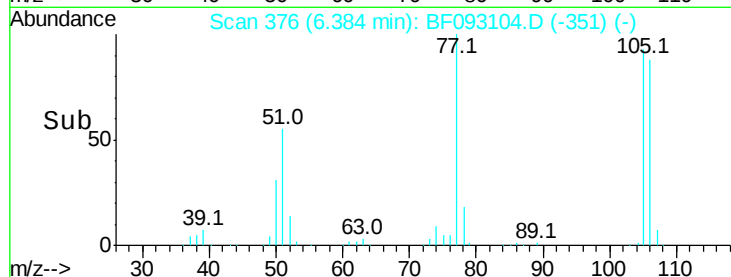
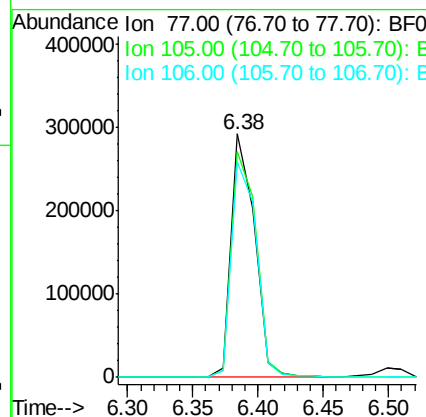
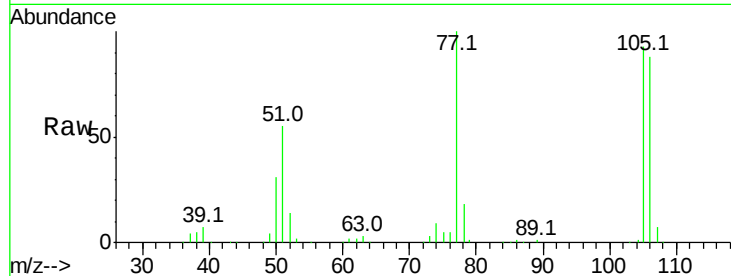
#9
Benzaldehyde
Concen: 34.59 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.9	83.9	123.9
106	88.5	77.6	117.6

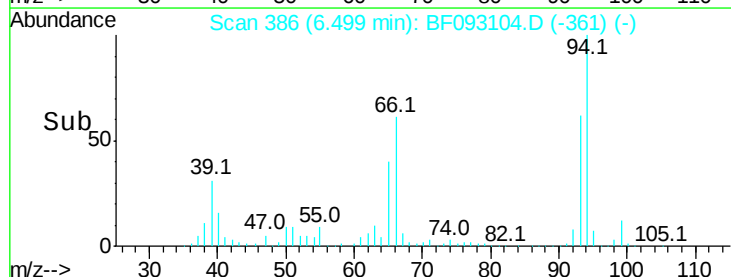
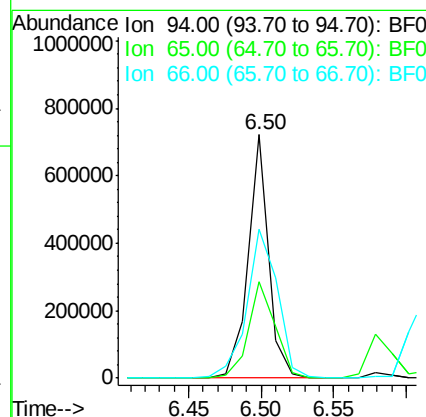
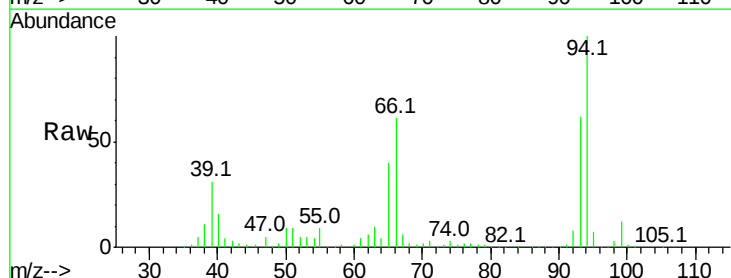
Manual Integrations
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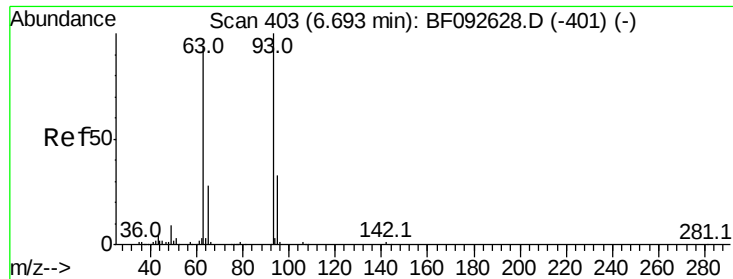
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#10
Phenol
Concen: 40.77 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.7	21.4	61.4
66	61.1	44.0	84.0





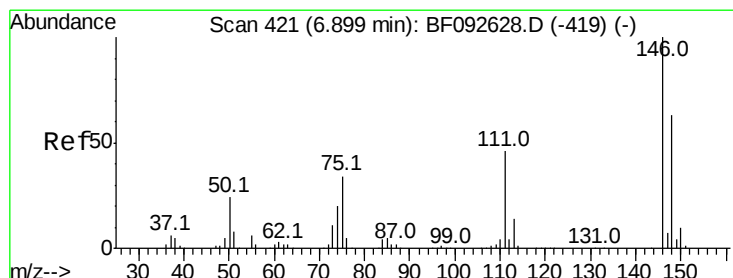
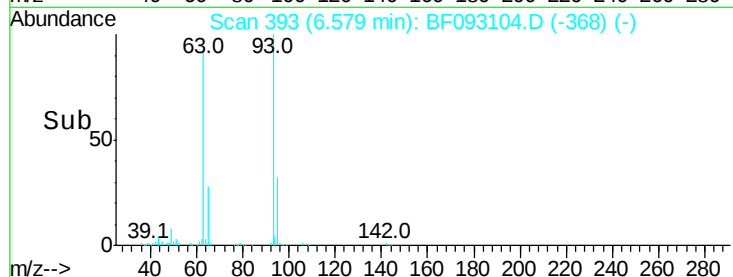
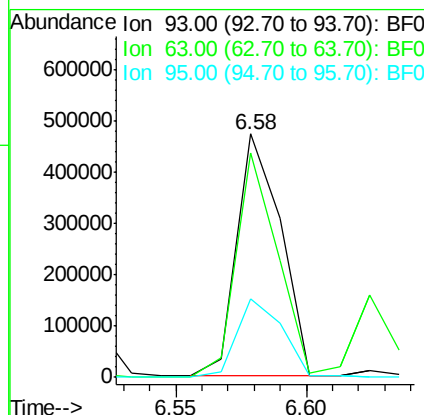
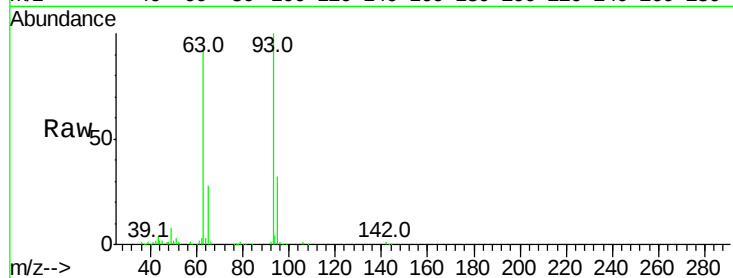
#11
bis(2-Chloroethyl)ether
Concen: 40.55 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.3	60.4	100.4
95	32.4	12.8	52.8

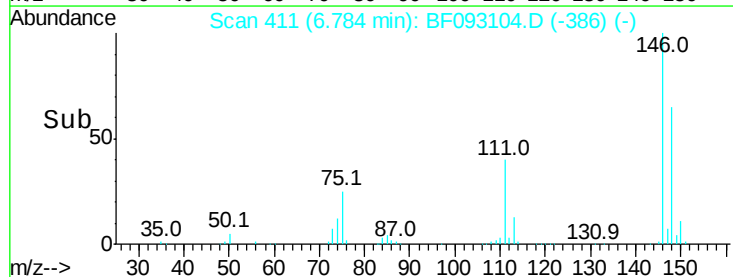
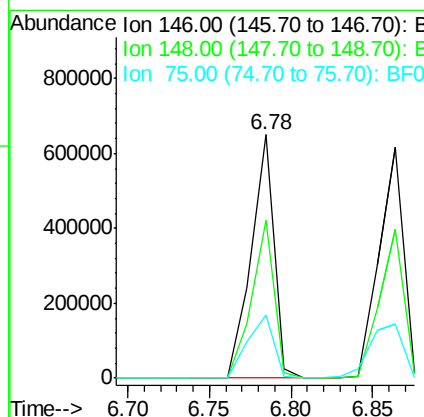
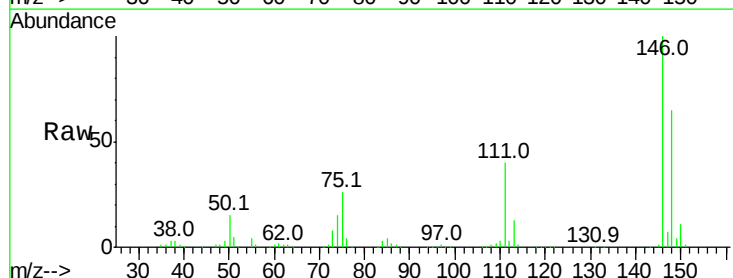
Manual Integrations
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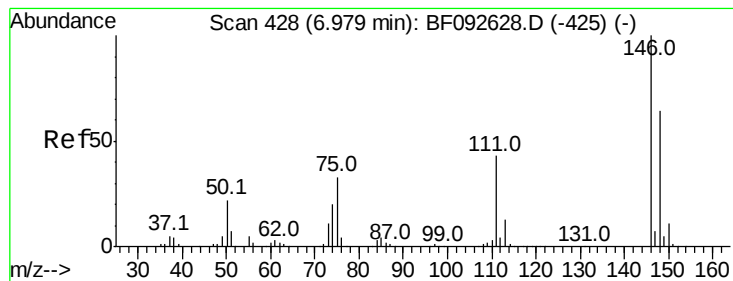
mohammad
2/24/2017 2:10:59 PM



#12
1,3-Dichlorobenzene
Concen: 42.47 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.4	80.0
75	26.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 42.95 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

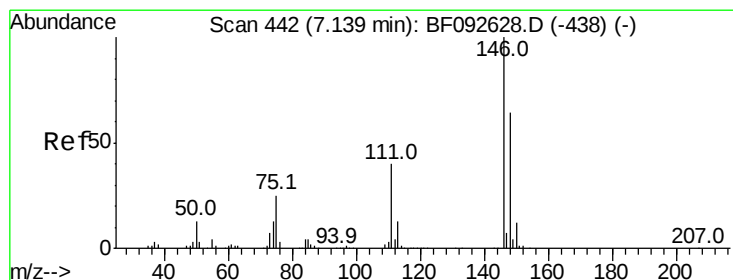
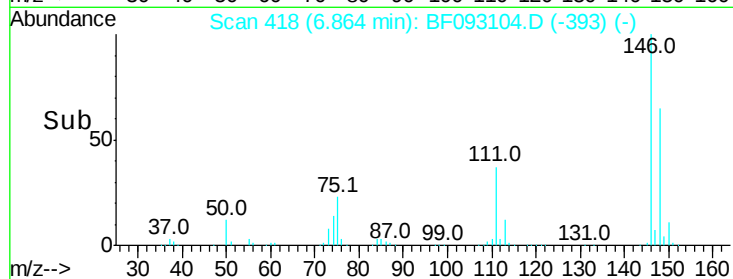
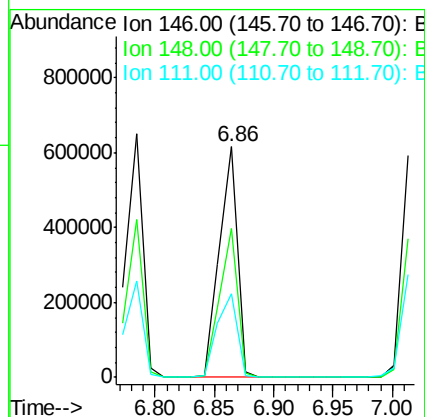
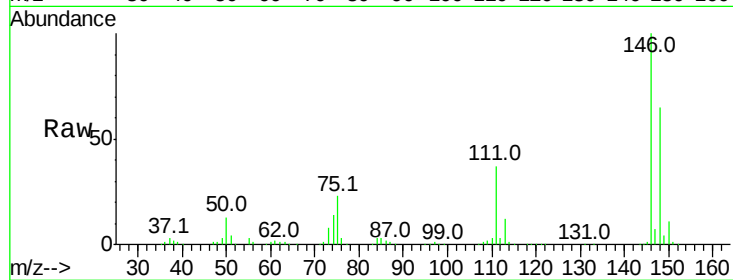
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	645494
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.6	76.0
111	36.5	36.2	54.4

Manual Integrations
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mohammad
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#14

1,2-Dichlorobenzene

Concen: 37.88 ng

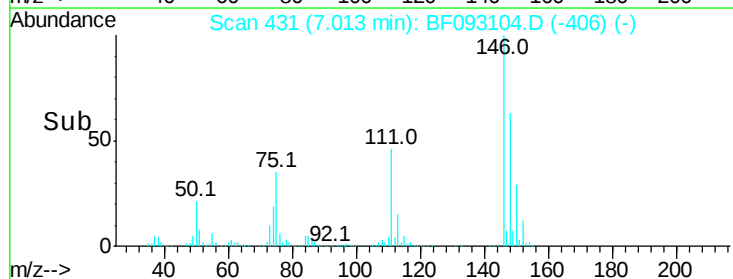
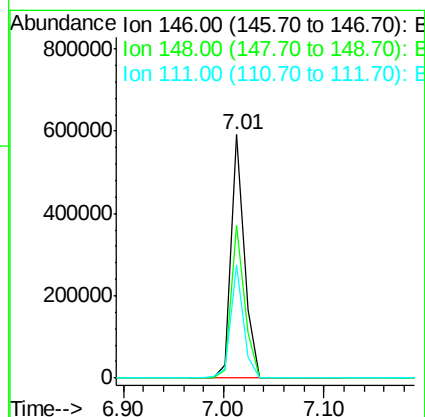
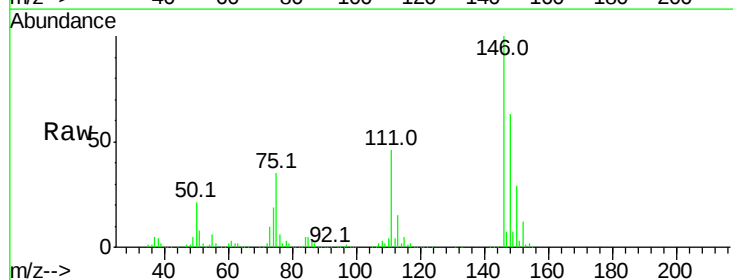
RT: 7.01 min Scan# 431

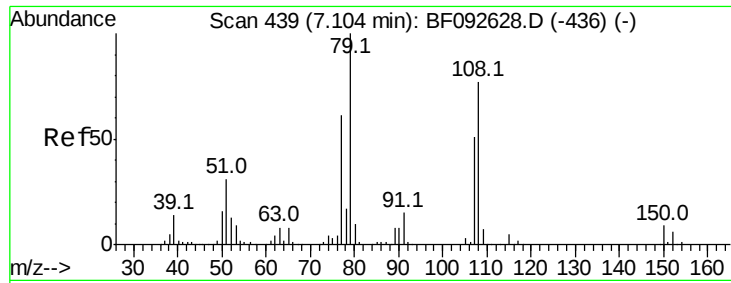
Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion:	146	Resp:	544387
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.2	78.2
111	46.5	36.2	54.2





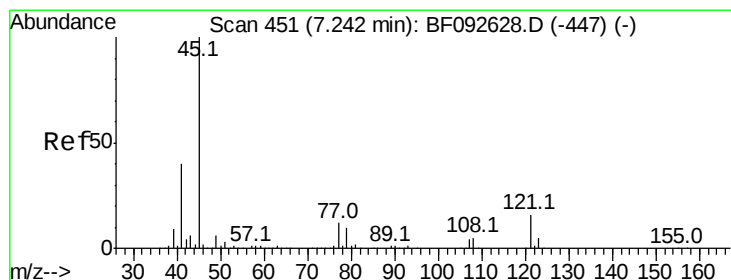
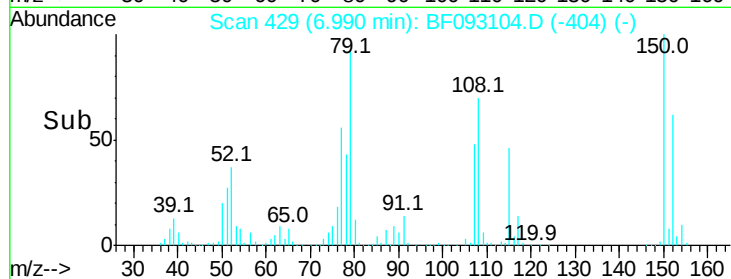
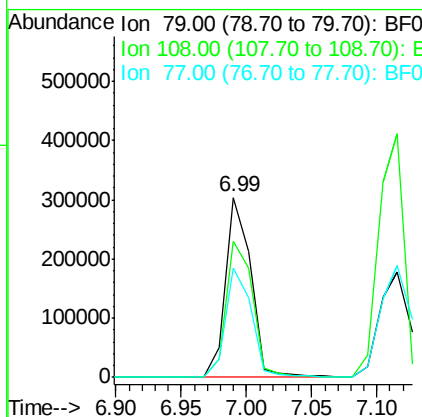
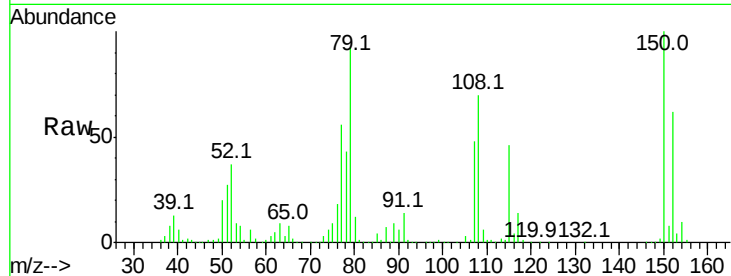
#15
Benzyl Alcohol
Concen: 37.52 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.4	61.4	92.0
77	60.9	50.9	76.3

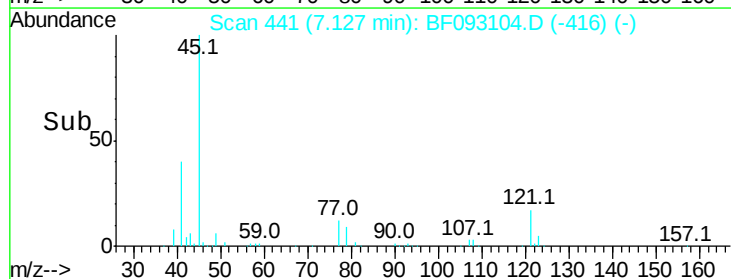
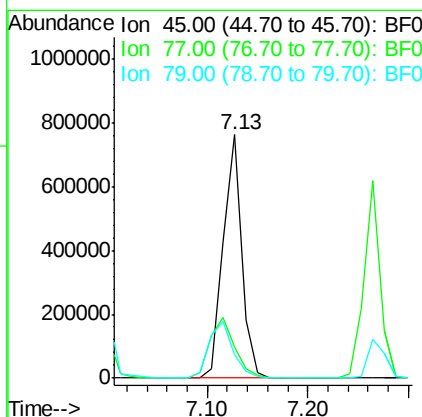
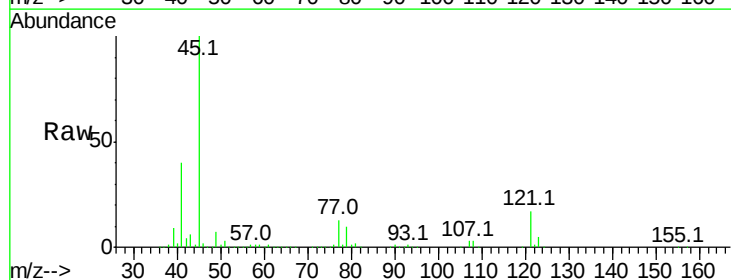
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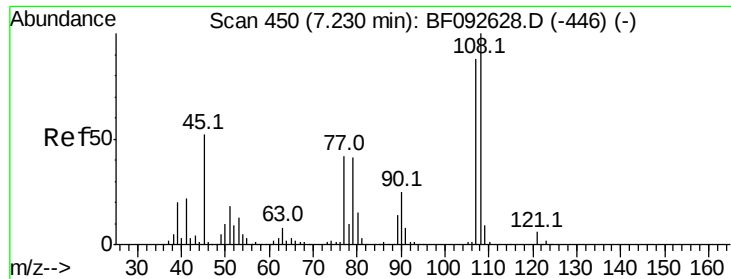
mohammad
2/24/2017 2:10:59 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.78 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.7	0.0	34.6
79	9.9	0.0	31.2





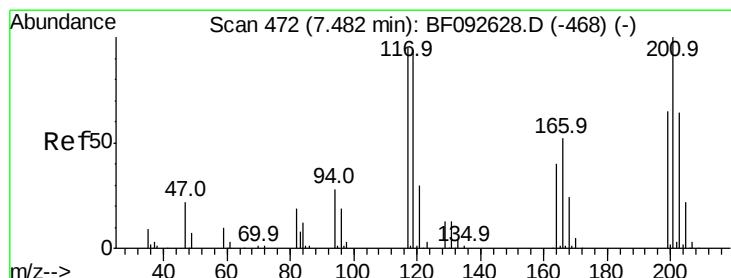
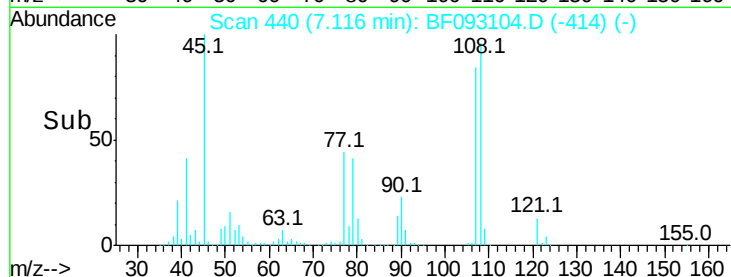
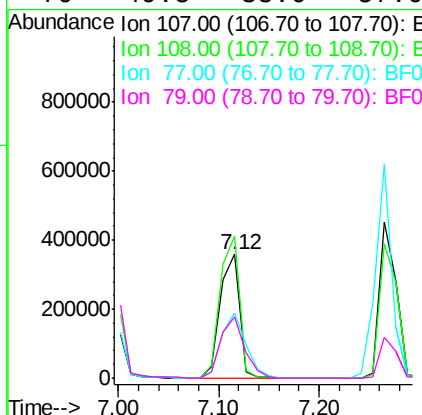
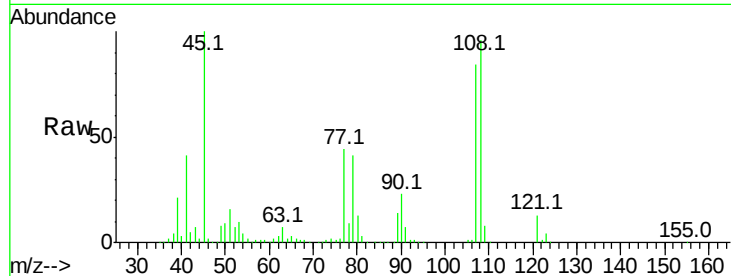
#17
2-Methylphenol
Concen: 44.57 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	484808
Ion Ratio	Lower	Upper	
107	100		
108	114.7	93.0	139.6
77	52.6	39.8	59.8
79	49.5	38.0	57.0

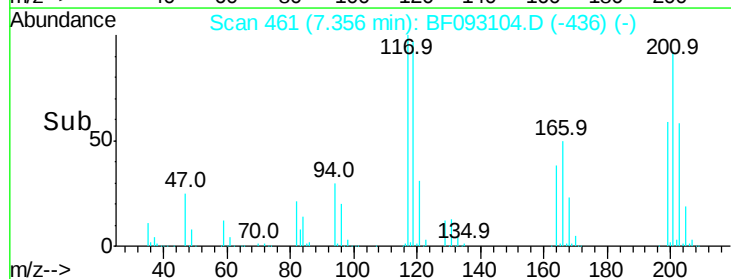
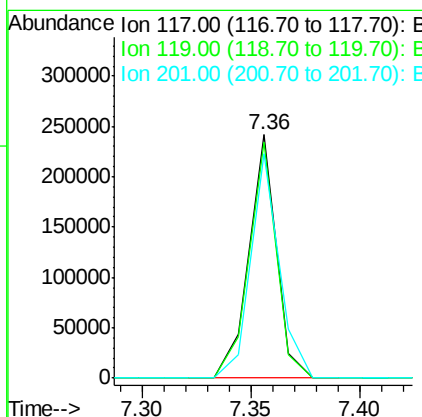
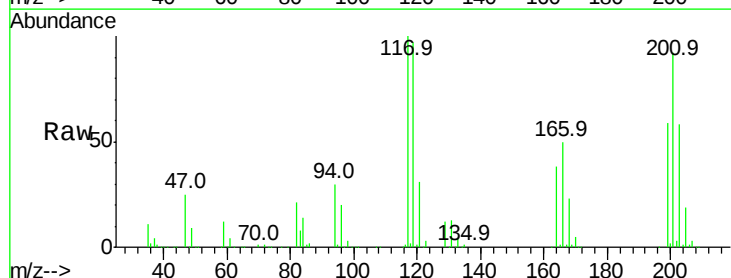
Manual Integrations
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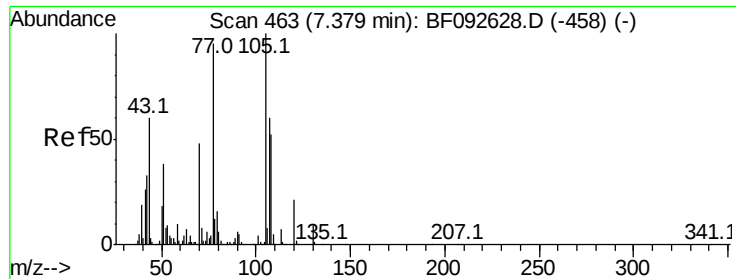
mohammad
2/24/2017 2:10:59 PM



#18
Hexachloroethane
Concen: 41.43 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	117	Resp	212562
Ion Ratio	Lower	Upper	
117	100		
119	96.7	78.1	117.1
201	92.4	78.6	117.8





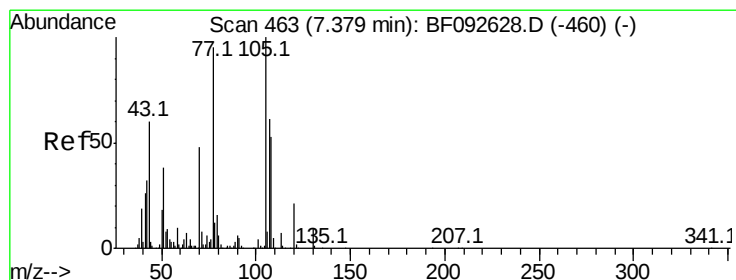
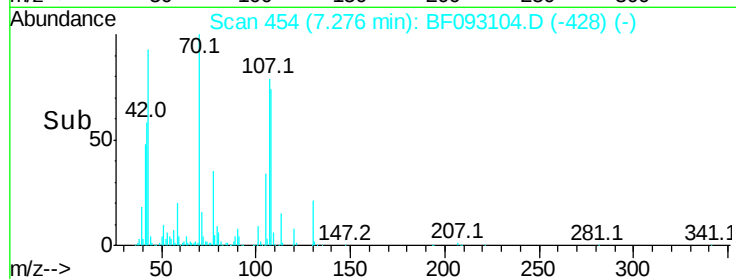
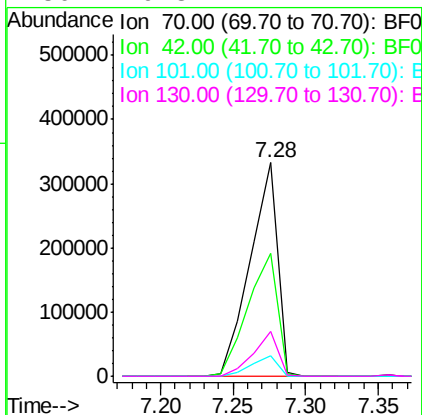
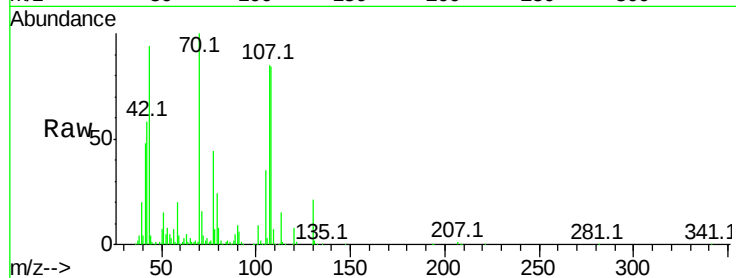
#19
n-Nitroso-di-n-propylamine
Concen: 46.62 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	49.4	74.0
101	9.5	7.4	11.2
130	20.8	14.2	21.4

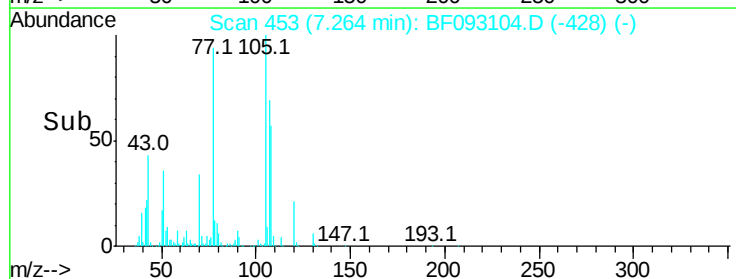
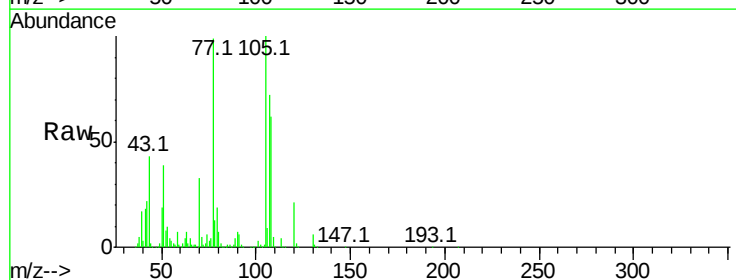
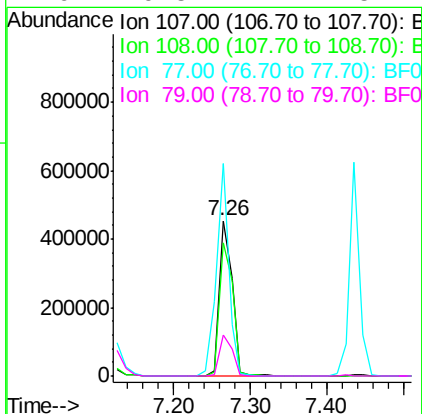
Manual Integrations
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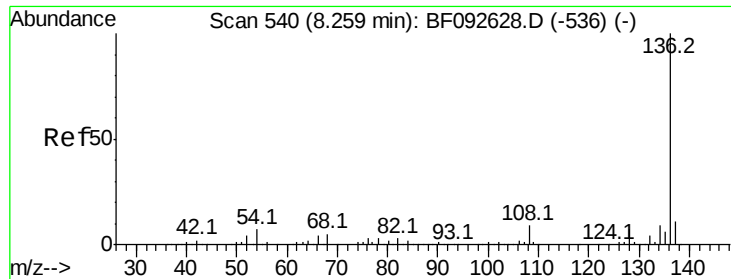
mohammad
2/24/2017 2:10:59 PM



#20
3+4-Methylphenols
Concen: 40.81 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.0	113.0
77	136.4	71.3	111.3#
79	26.5	11.1	51.1





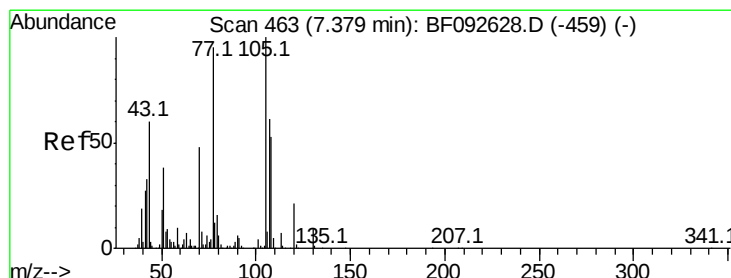
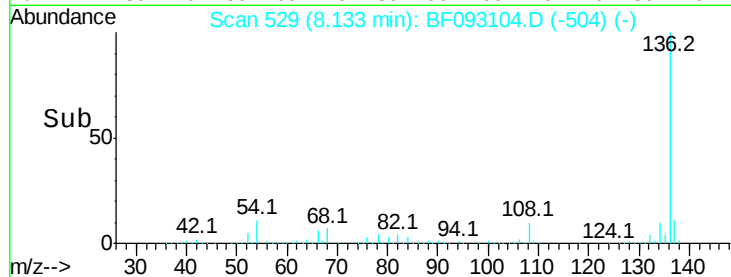
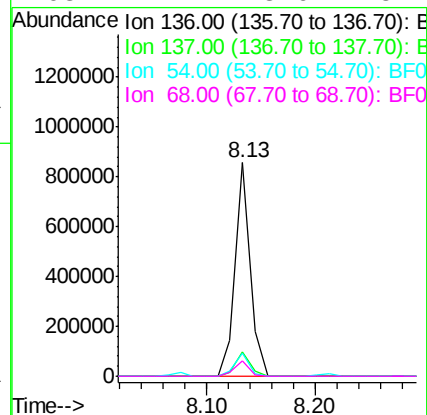
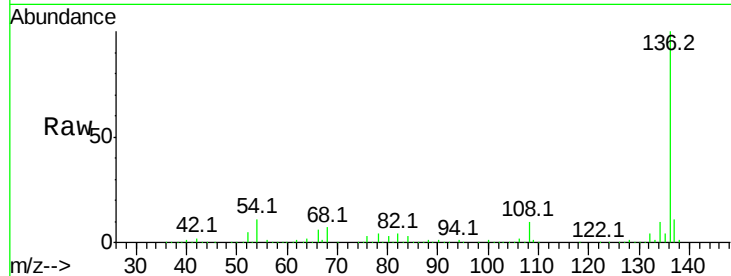
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	10.5	4.5	6.7#	
68	7.4	3.6	5.4#	

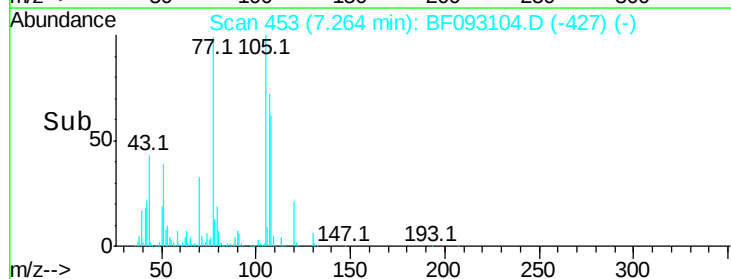
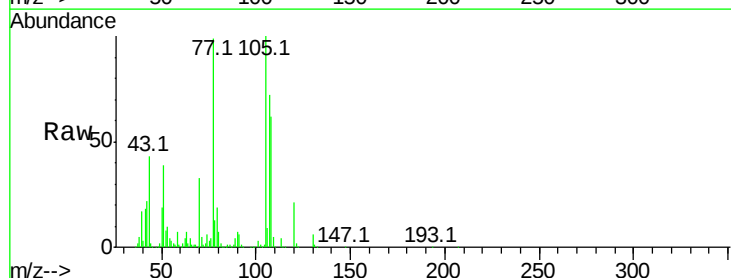
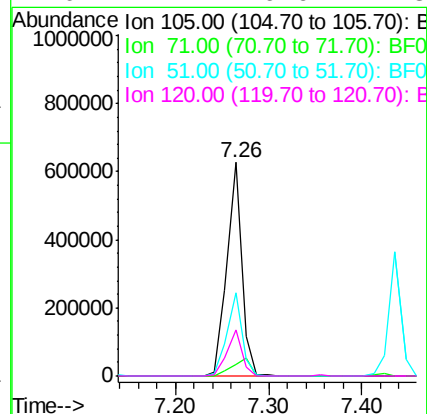
Manual Integrations
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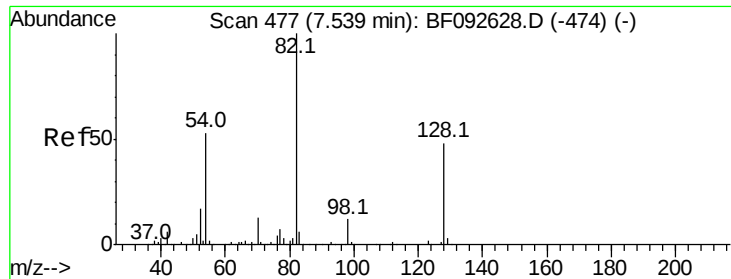
mohammad
2/24/2017 2:10:59 PM



#22
Acetophenone
Concen: 37.56 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.5	3.2	4.8#	
51	39.1	26.2	39.4	
120	21.4	16.6	24.8	





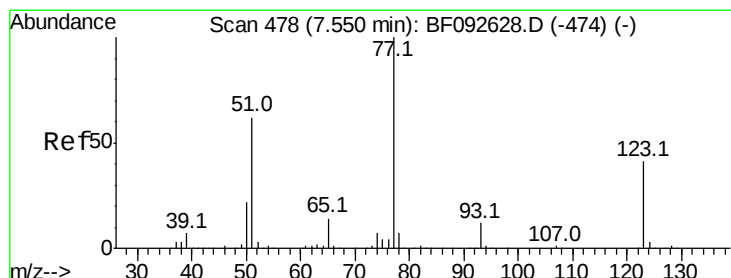
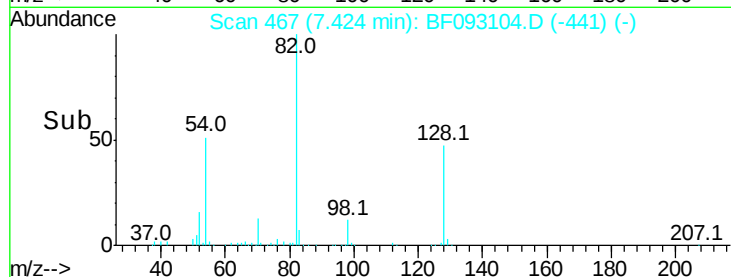
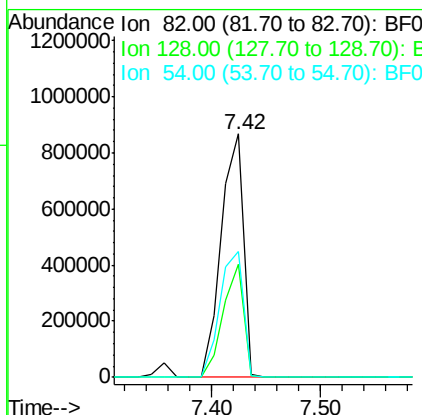
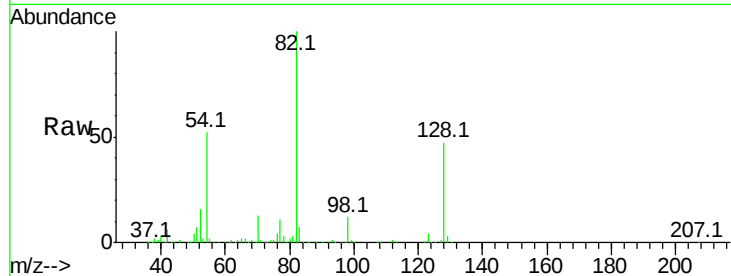
#23
 Nitrobenzene-d5
 Concen: 84.02 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.6	52.0
54	51.6	39.5	59.3

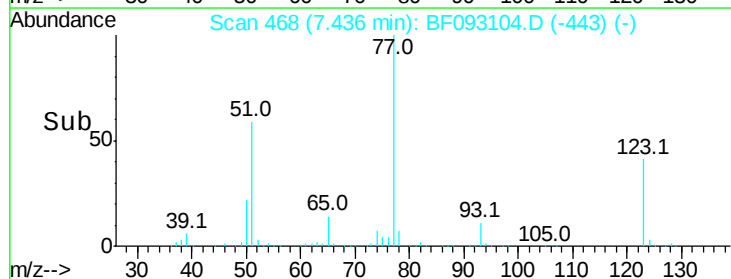
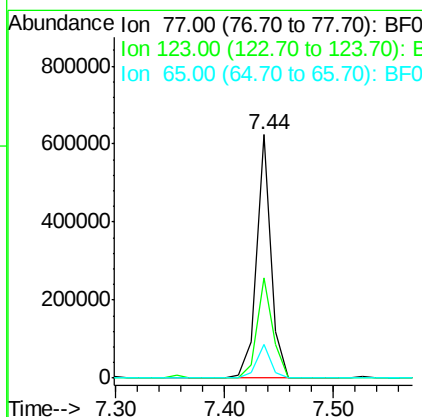
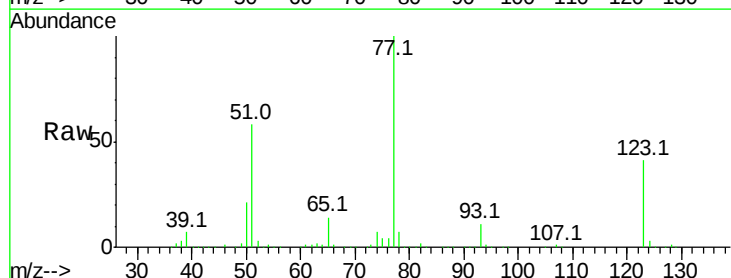
Manual Integrations
 APPROVED

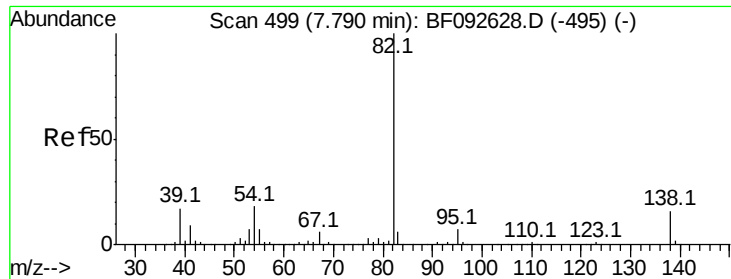
mohammad
 2/24/2017 2:10:59 PM



#24
 Nitrobenzene
 Concen: 38.61 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	33.0	49.4
65	14.0	11.2	16.8





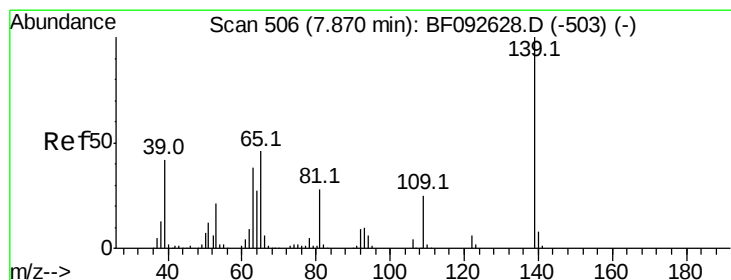
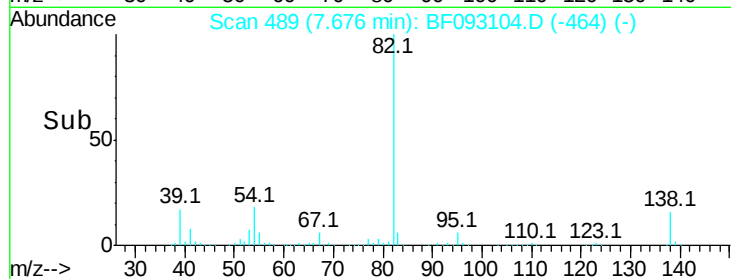
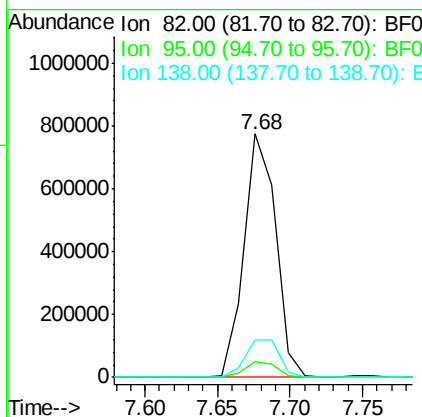
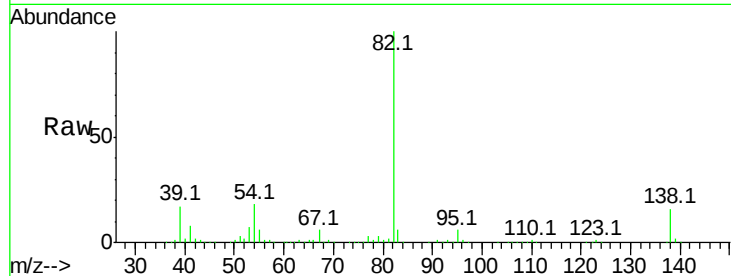
#25
Isophorone
Concen: 43.10 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1176928
Ion Ratio Lower Upper
82 100
95 6.4 5.6 8.4
138 15.5 14.6 22.0

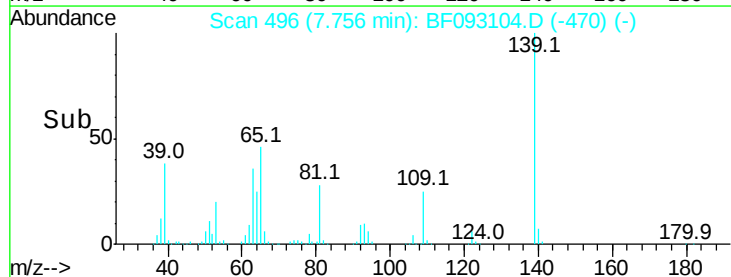
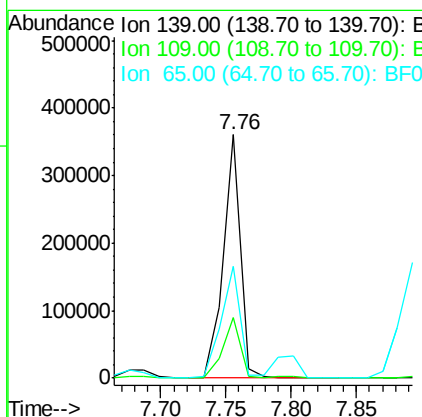
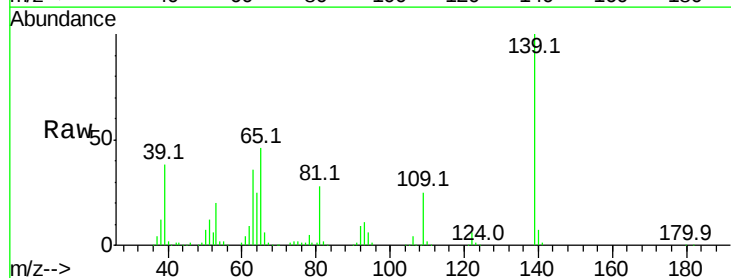
Manual Integrations
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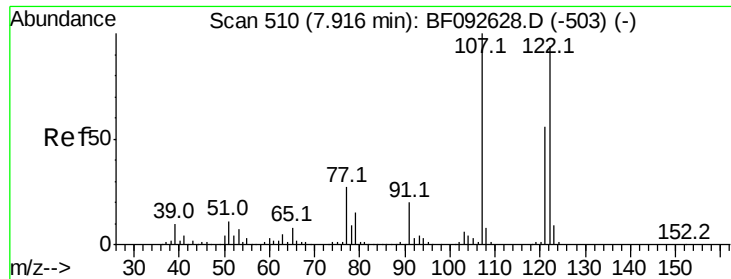
mohammad
2/24/2017 2:10:59 PM



#26
2-Nitrophenol
Concen: 46.50 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion: 139 Resp: 332579
Ion Ratio Lower Upper
139 100
109 25.0 23.3 34.9
65 45.7 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 42.71 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

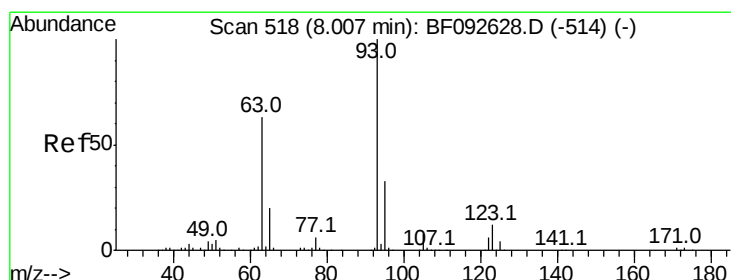
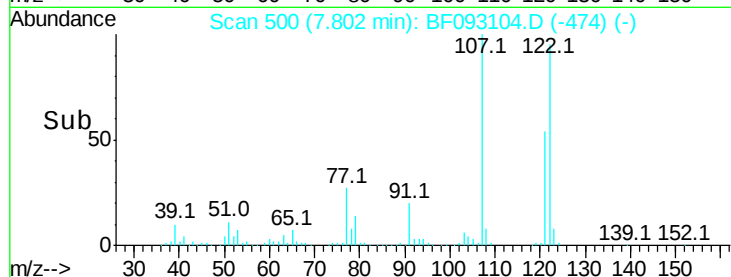
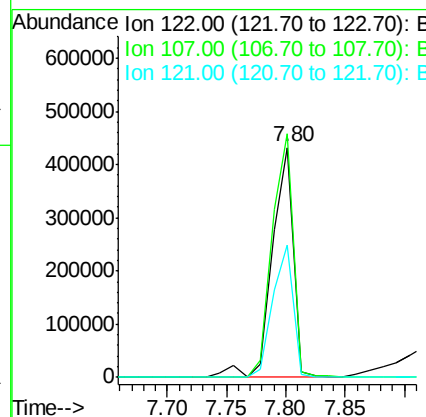
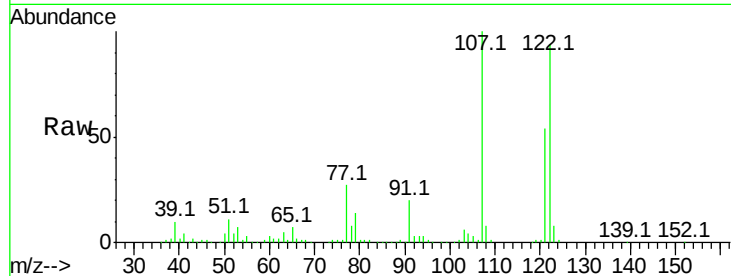
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	536440
Ion Ratio	Lower	Upper	
122	100		
107	105.9	94.1	141.1
121	57.4	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 43.62 ng

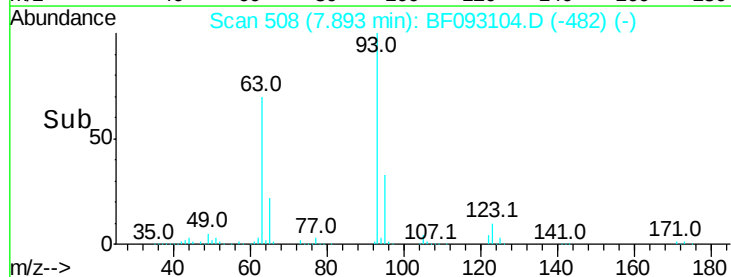
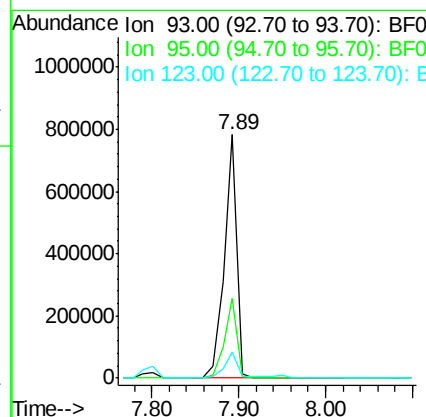
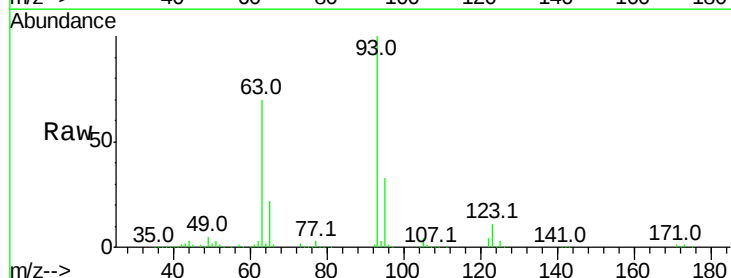
RT: 7.89 min Scan# 508

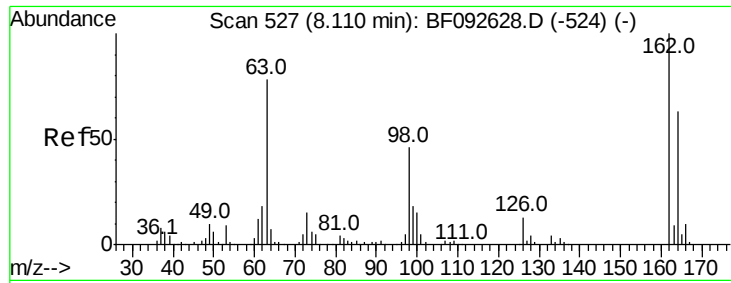
Delta R.T. -0.00 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion:	93	Resp:	788895
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	10.6	8.6	13.0





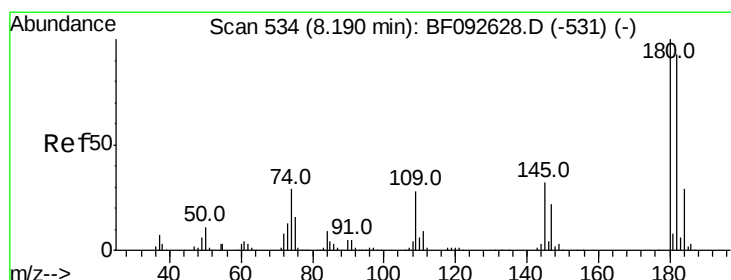
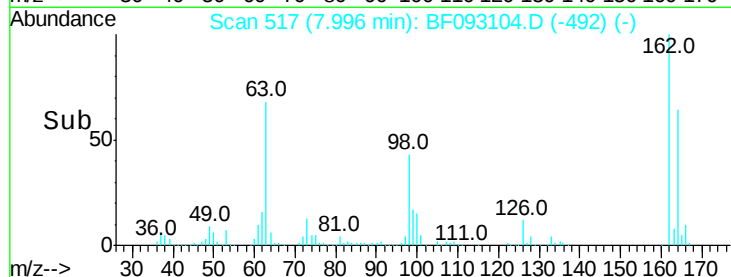
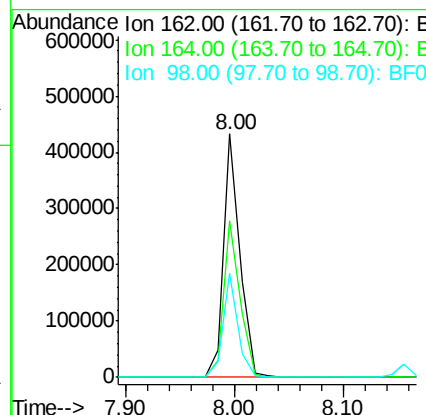
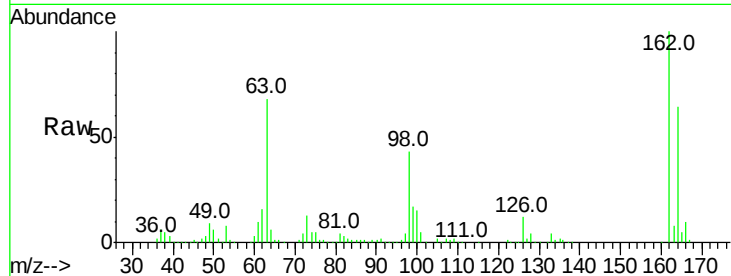
#29
 2,4-Dichlorophenol
 Concen: 38.98 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	456699
Ion Ratio	Lower	Upper	
162	100		
164	64.1	46.8	86.8
98	42.8	9.1	49.1

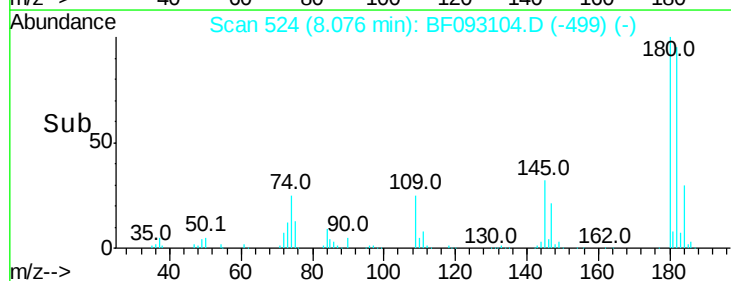
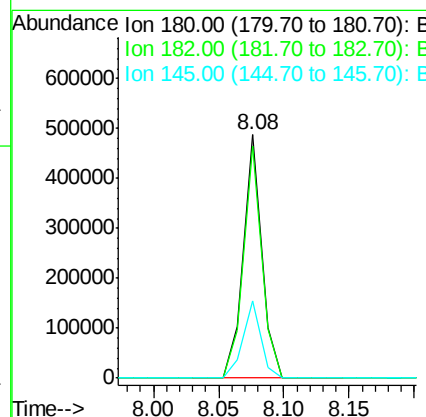
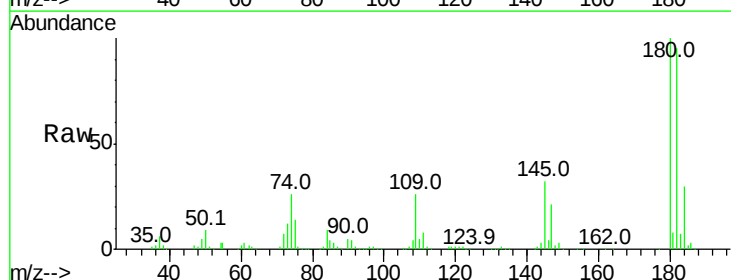
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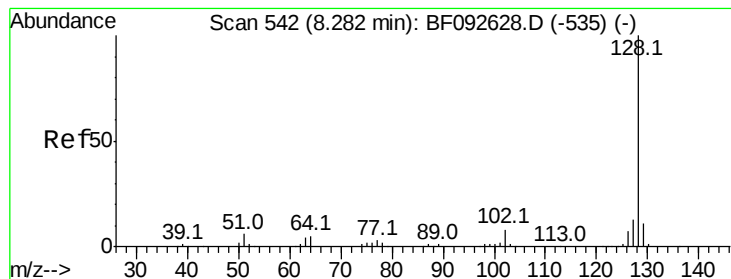
mohammad
 2/24/2017 2:10:59 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.82 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion:	180	Resp:	477480
Ion Ratio	Lower	Upper	
180	100		
182	95.2	78.2	117.4
145	31.8	21.6	32.4





#31

Naphthalene

Concen: 36.94 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

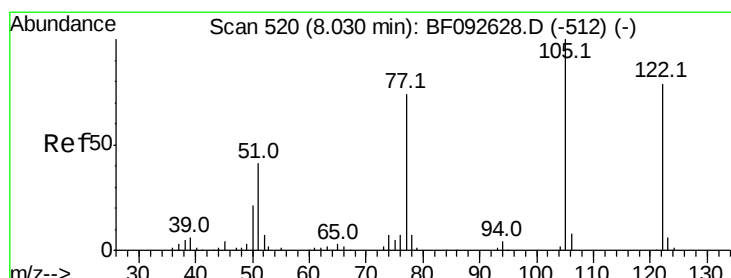
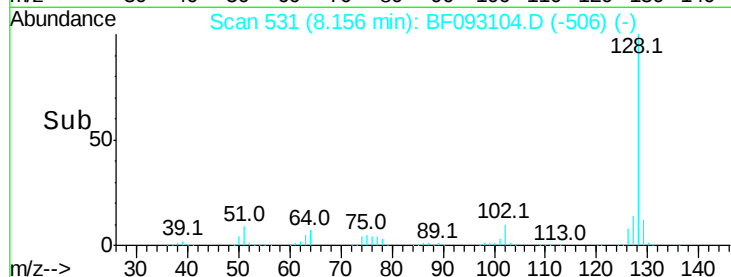
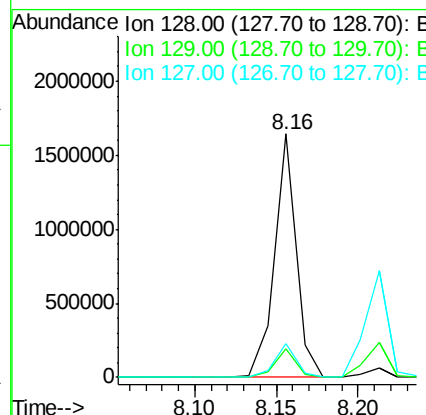
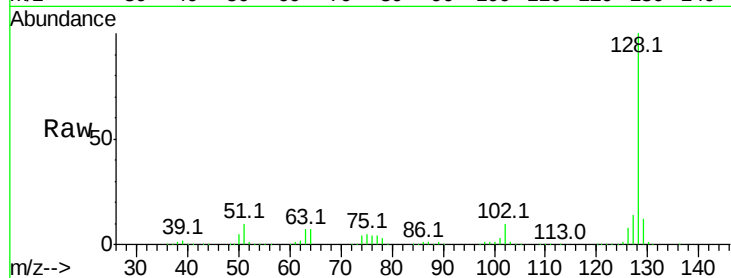
ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	1528183
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.7	10.8	16.2

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#32

Benzoic acid

Concen: 45.21 ng

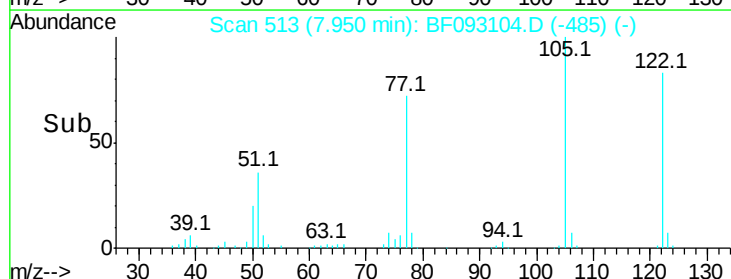
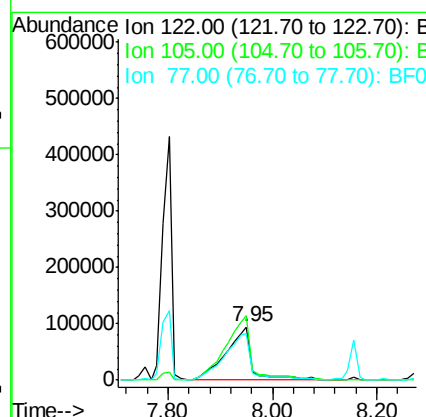
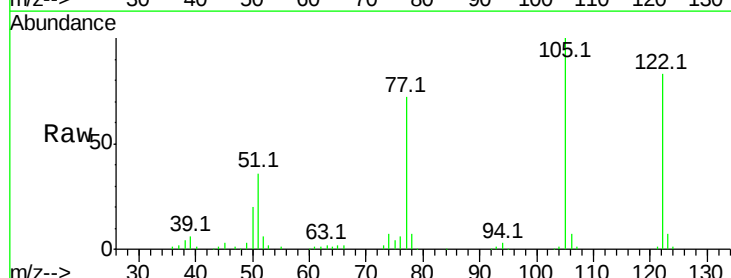
RT: 7.95 min Scan# 513

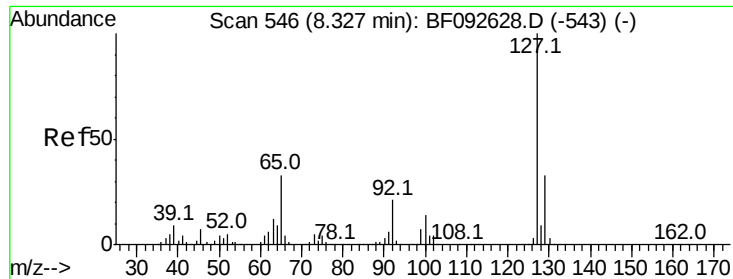
Delta R.T. 0.02 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion:	122	Resp:	318305
Ion	Ratio	Lower	Upper
122	100		
105	120.2	107.2	147.2
77	86.6	74.5	114.5





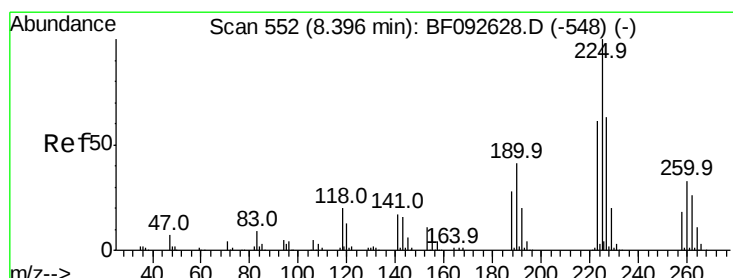
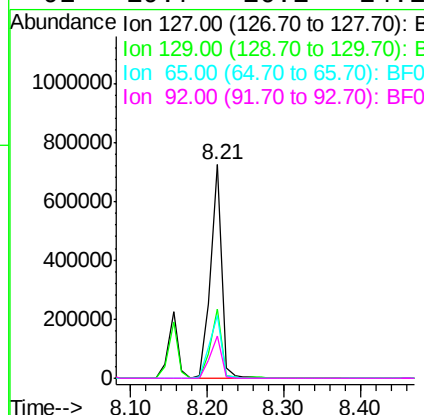
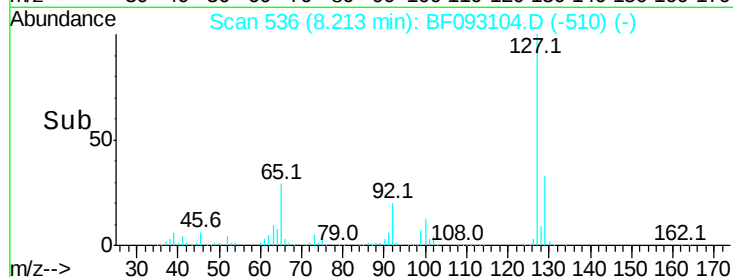
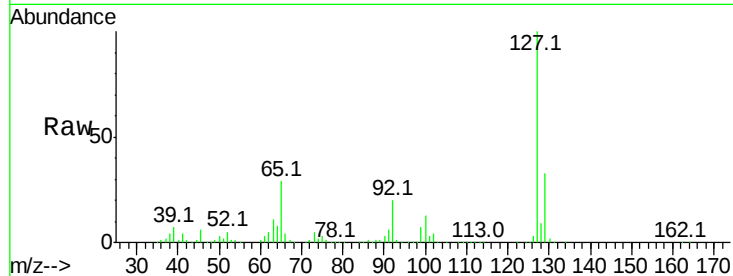
#33
4-Chloroaniline
Concen: 44.23 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.3	39.5		
65	29.4	25.8	38.8		
92	19.7	16.1	24.1		

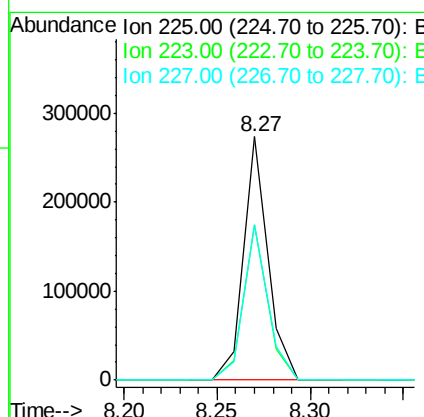
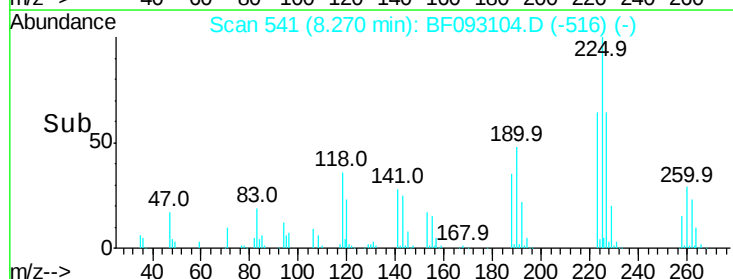
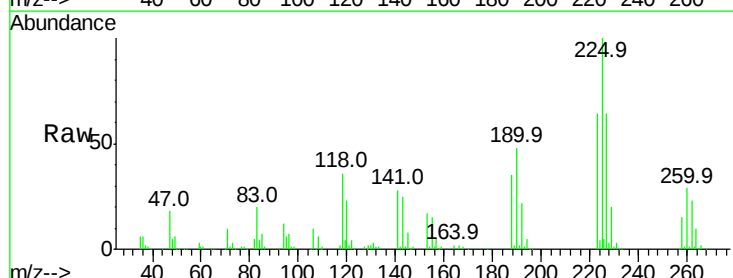
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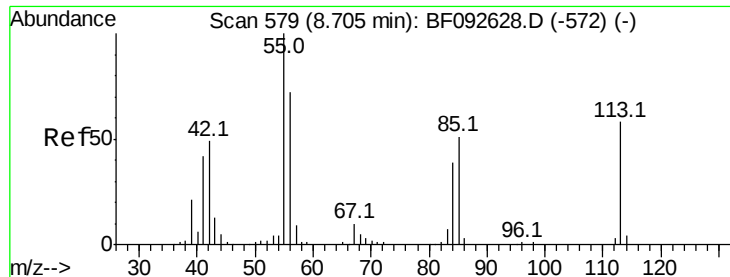
mohammad
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#34
Hexachlorobutadiene
Concen: 35.93 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	51.0	76.6		
227	63.8	50.6	76.0		





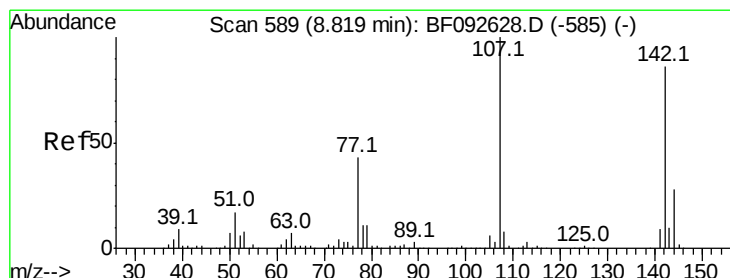
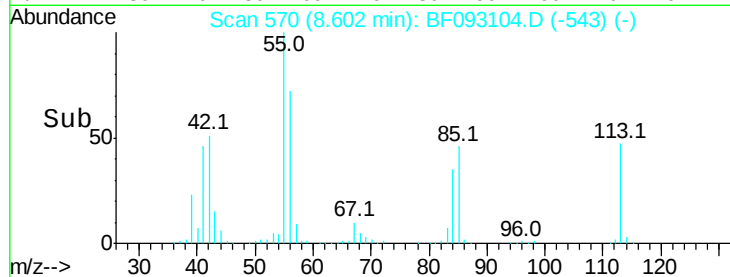
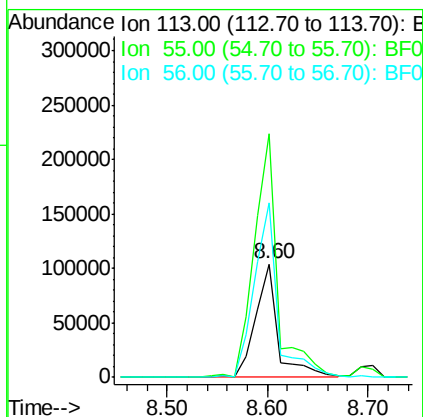
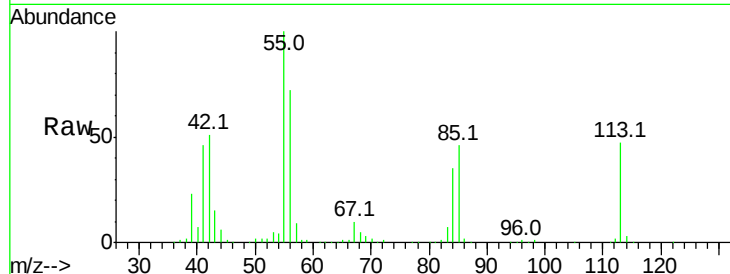
#35
 Caprolactam
 Concen: 43.85 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	214.3		119.2	159.2#	
56	153.8		83.8	123.8#	

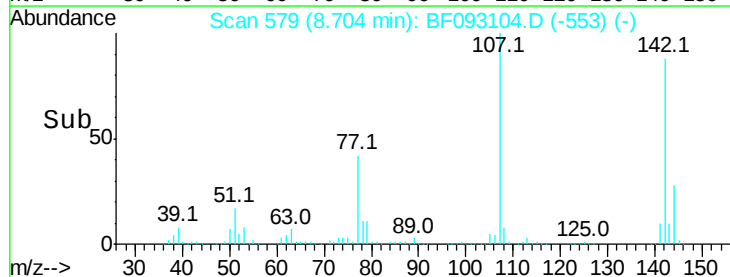
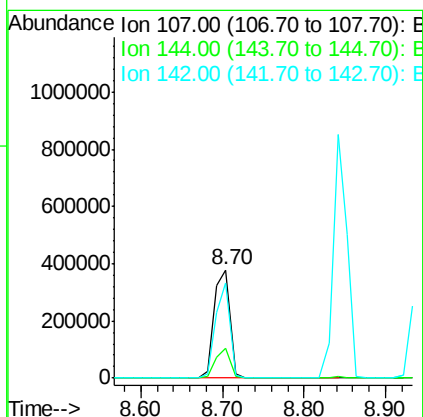
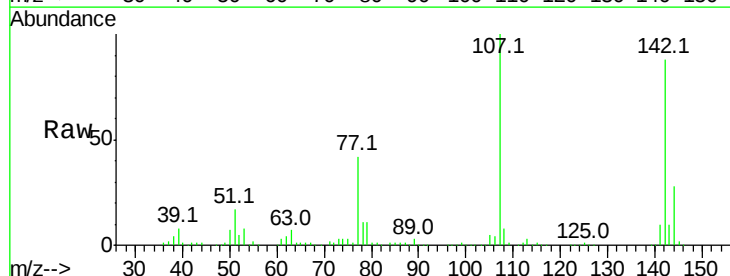
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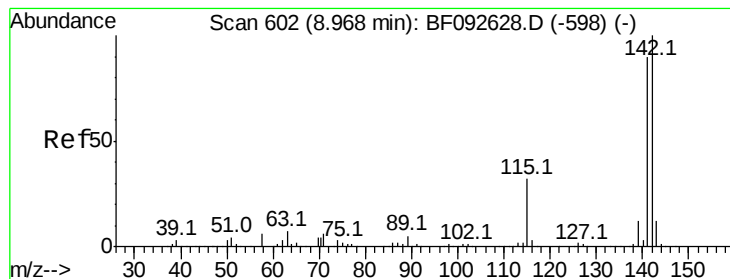
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.15 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.1		19.3	28.9	
142	87.9		59.0	88.6	





#37

2-Methylnaphthalene

Concen: 38.32 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1017754

Ion Ratio Lower Upper

142 100

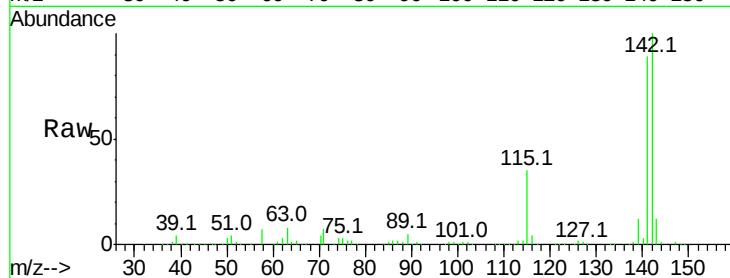
141 88.6 71.0 106.6

115 34.7 28.3 42.5

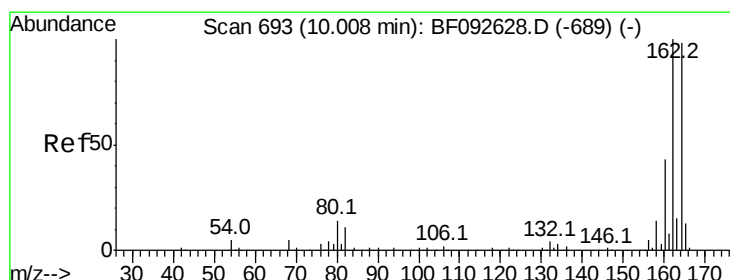
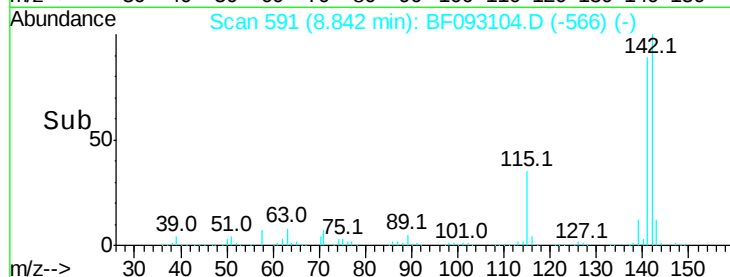
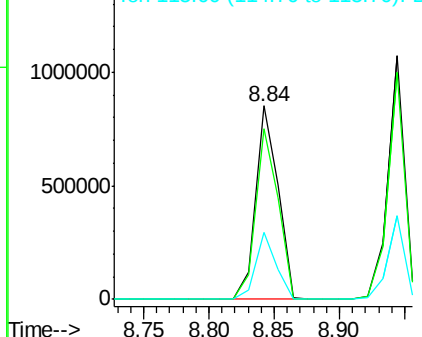
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

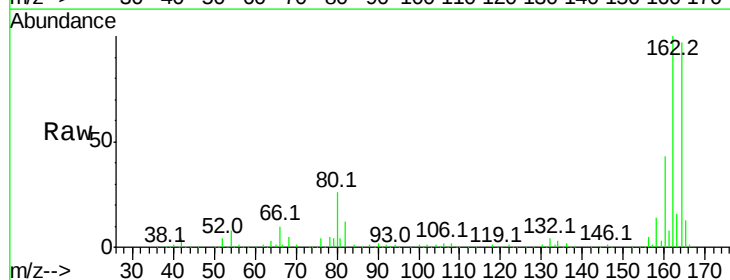
Tgt Ion:164 Resp: 435641

Ion Ratio Lower Upper

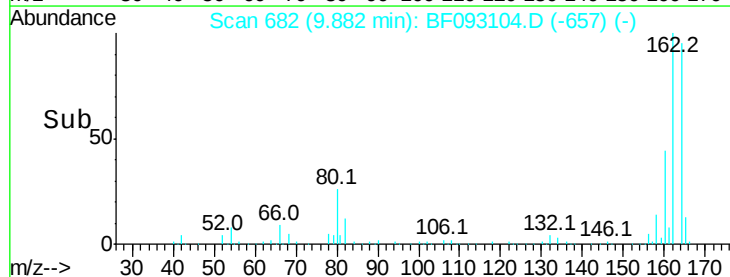
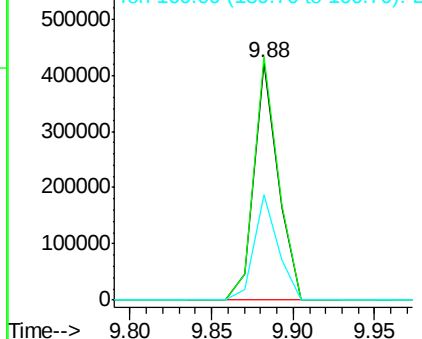
164 100

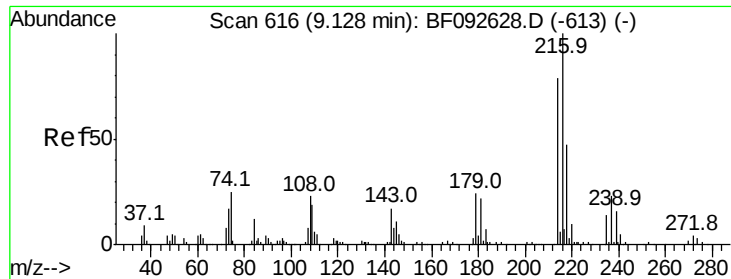
162 102.6 80.2 120.2

160 44.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





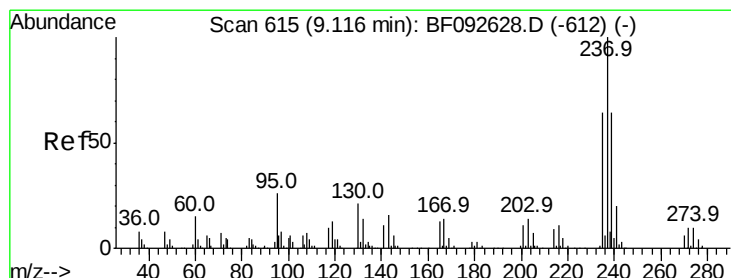
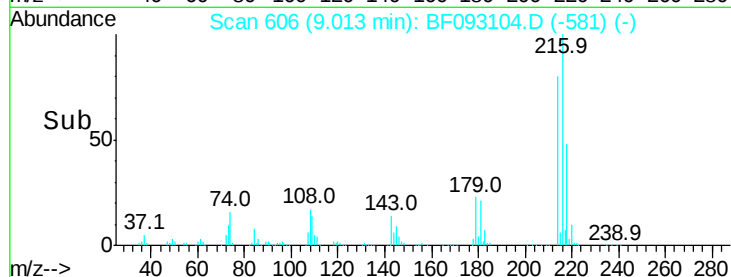
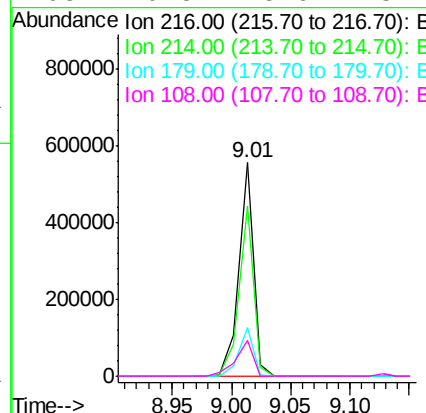
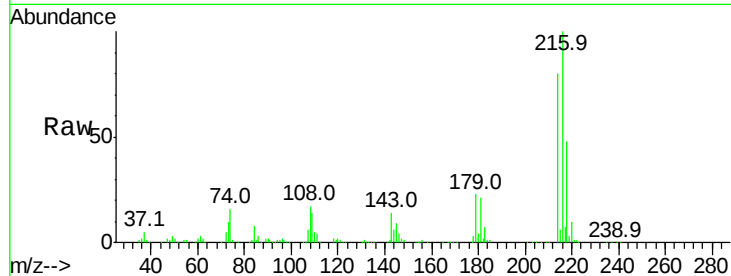
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.28 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	480384		
214	79.5	63.4	95.0	
179	22.7	17.4	26.2	
108	19.8	15.6	23.4	

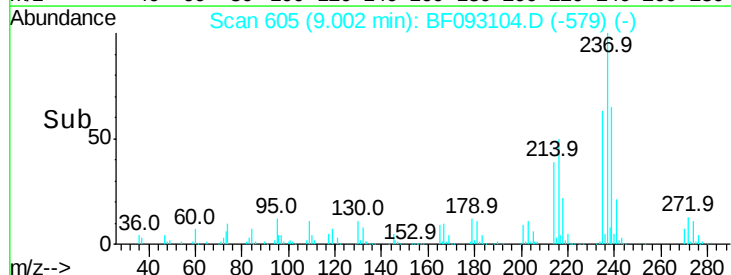
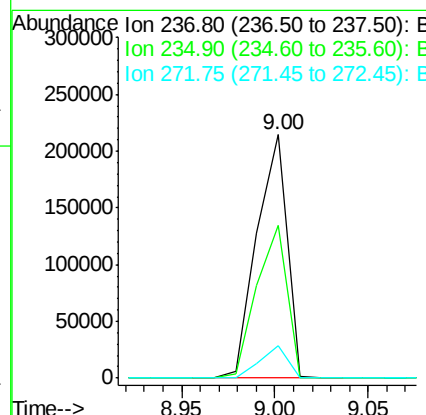
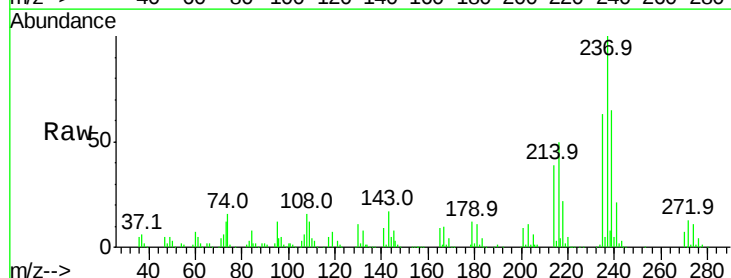
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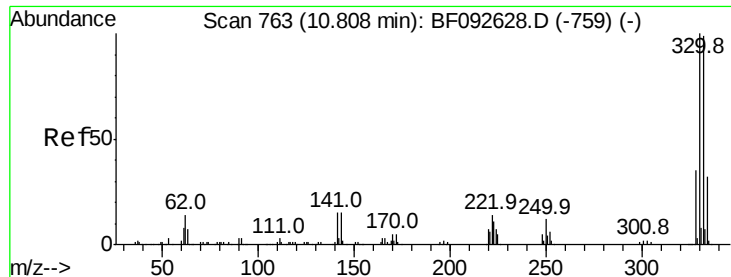
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 43.40 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	239434		
235	62.5	41.2	81.2	
272	13.4	0.0	35.4	





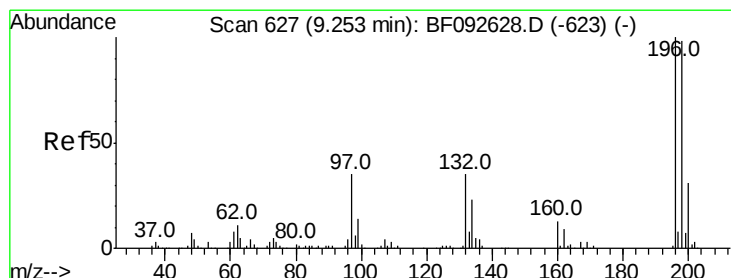
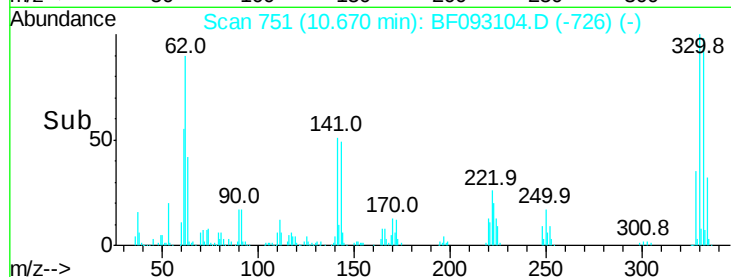
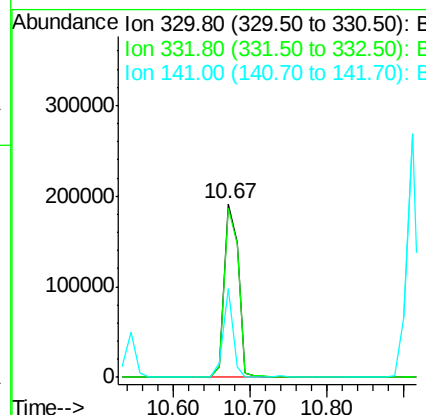
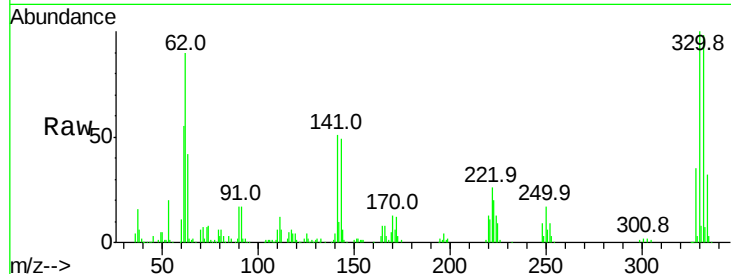
#41
 2,4,6-Tribromophenol
 Concen: 79.71 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	251145		
332	97.6	77.4	116.2	
141	35.2	34.1	51.1	

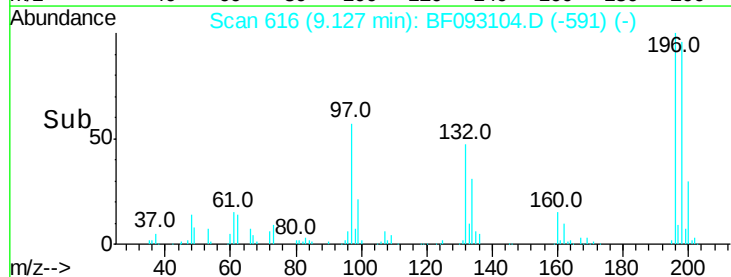
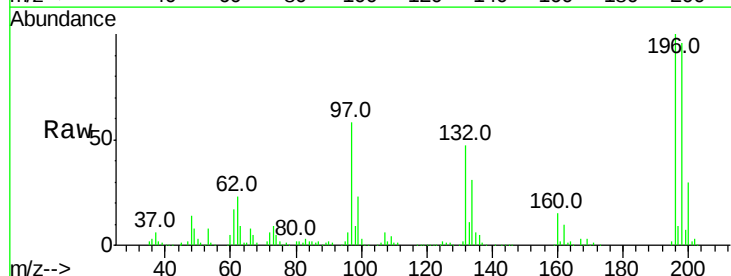
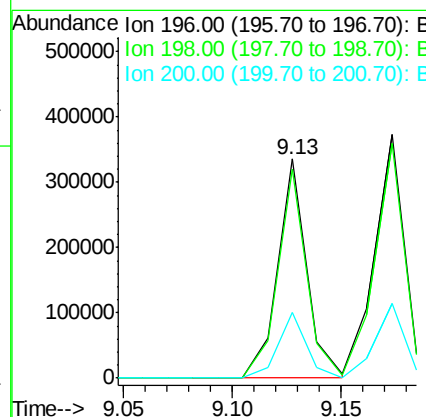
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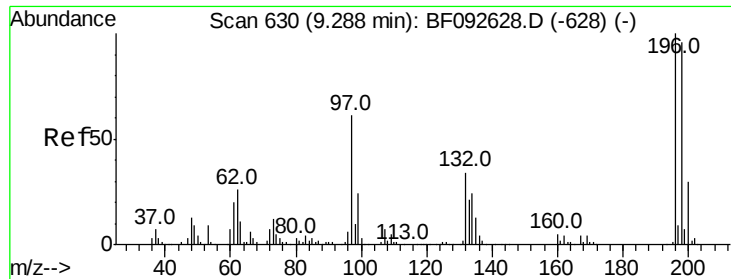
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 39.19 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	314933		
198	95.8	82.1	123.1	
200	30.0	27.0	40.4	





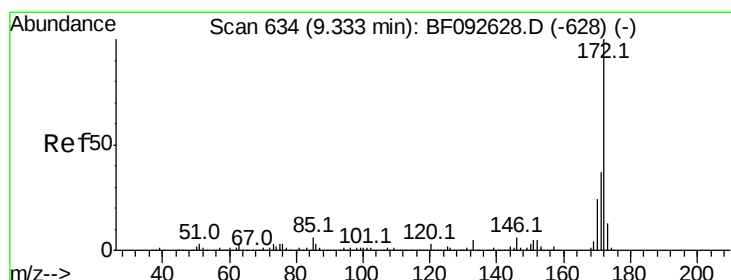
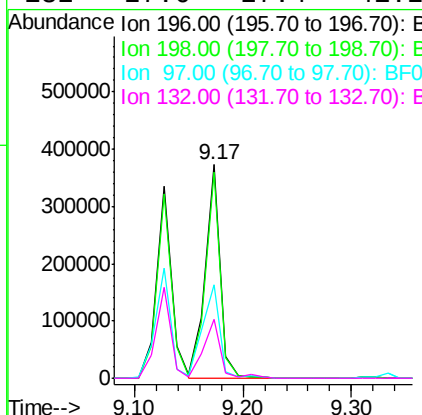
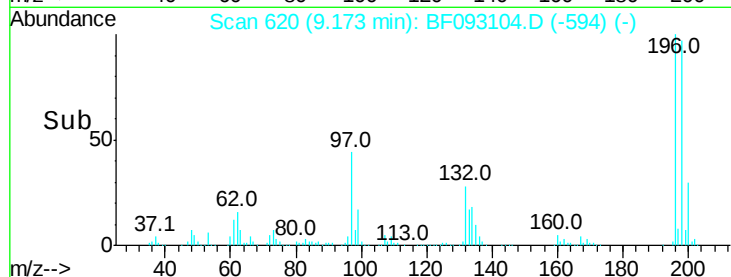
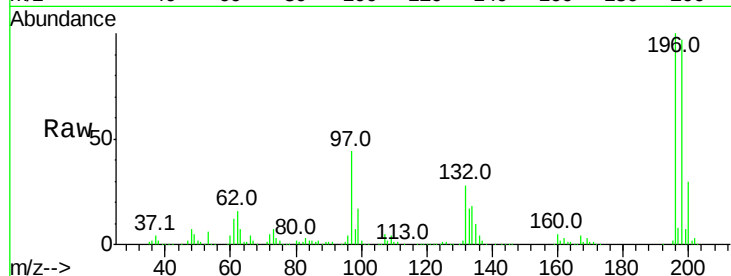
#43
 2,4,5-Trichlorophenol
 Concen: 40.98 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.4	119.2
97	44.0	51.5	77.3#
132	27.6	27.4	41.2

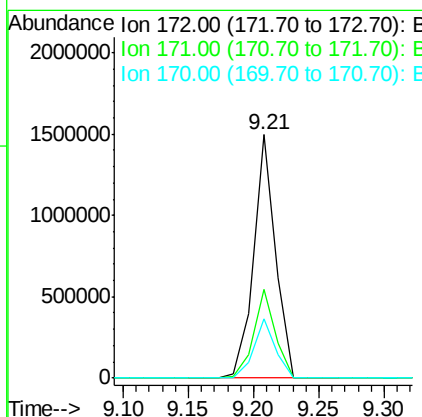
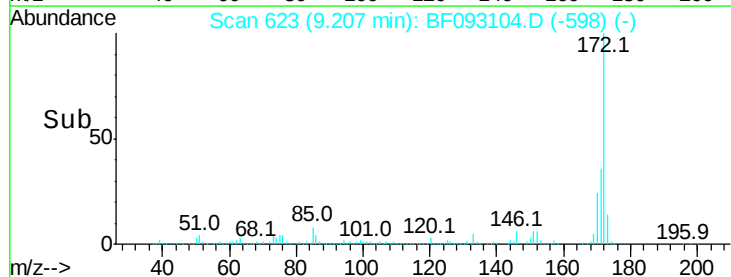
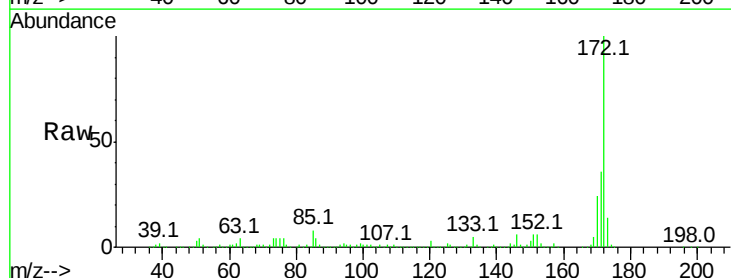
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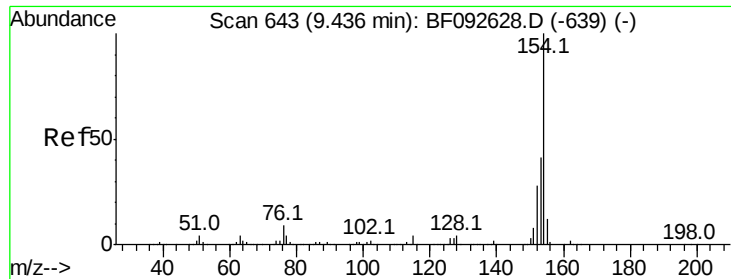
mohammad
 2/24/2017 2:10:59 PM



#44
 2-Fluorobiphenyl
 Concen: 72.44 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	20.2	30.4





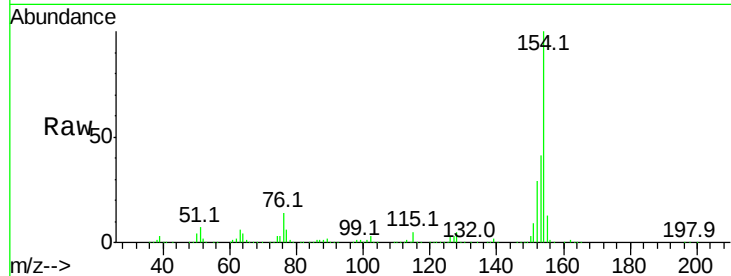
#45
 1,1'-Biphenyl
 Concen: 38.97 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

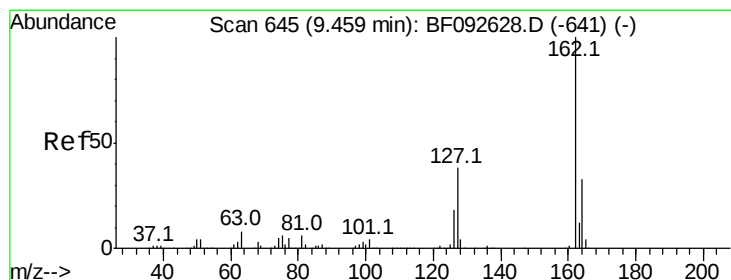
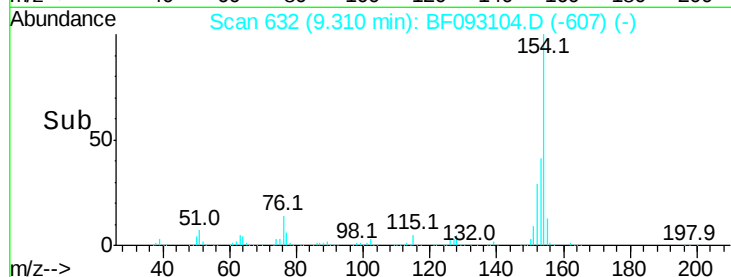
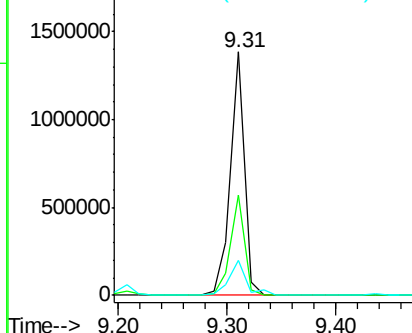
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	14.2	0.0	30.5

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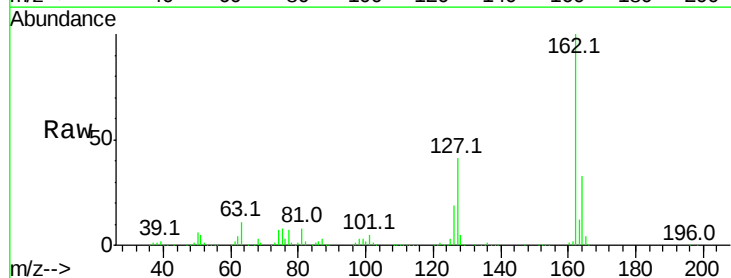


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

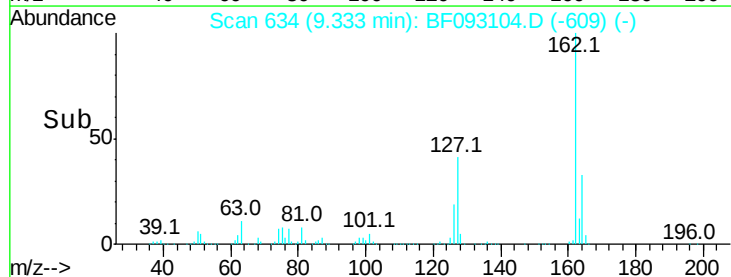
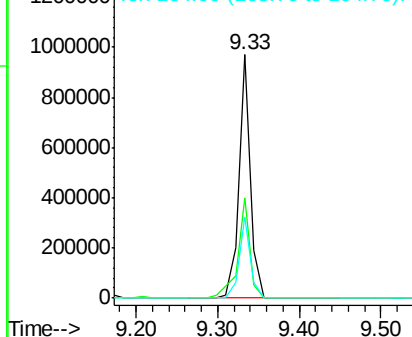


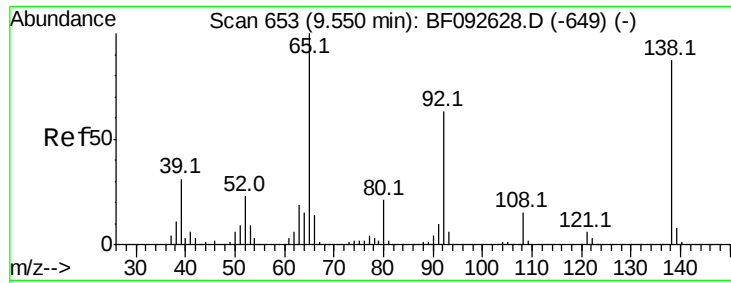
#46
 2-Chloronaphthalene
 Concen: 38.34 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	30.7	46.1
164	33.0	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





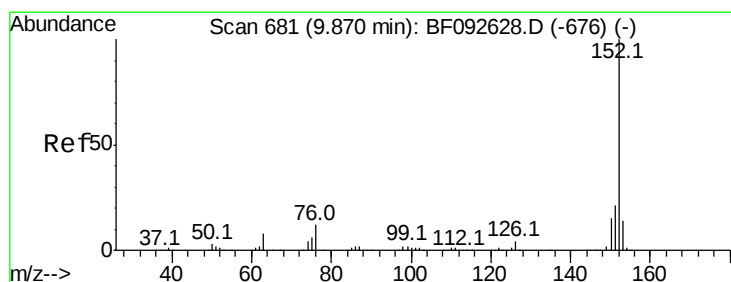
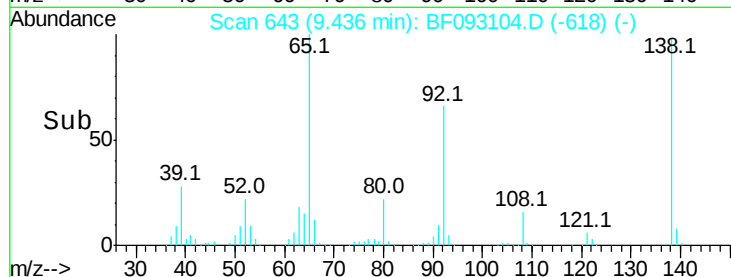
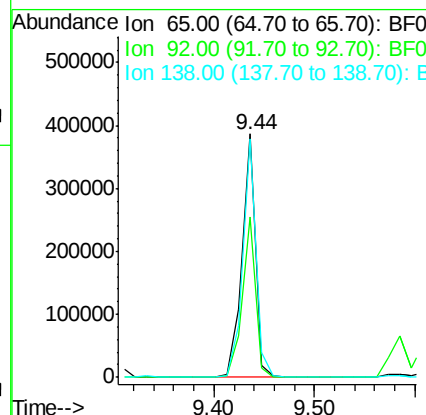
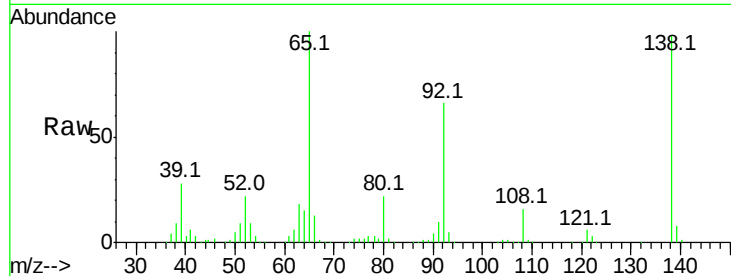
#47
2-Nitroaniline
Concen: 43.42 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	98.0	76.8	115.2

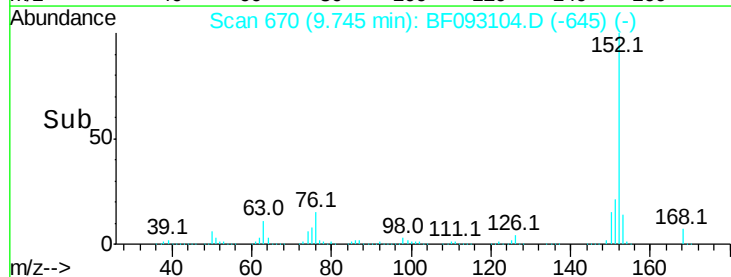
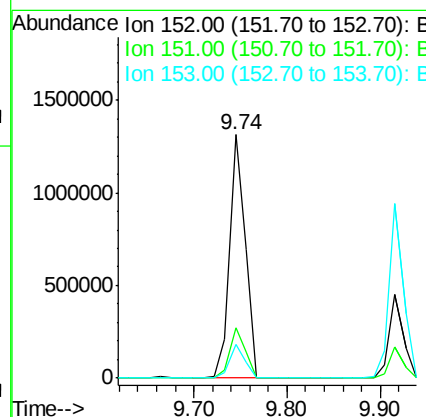
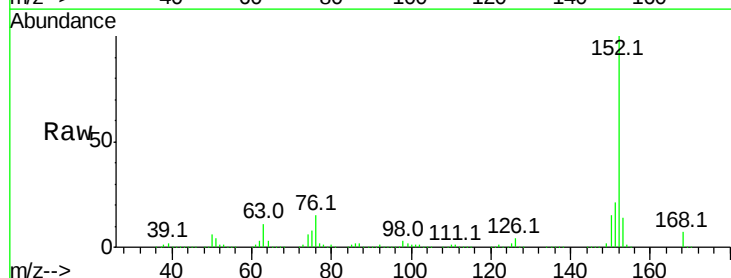
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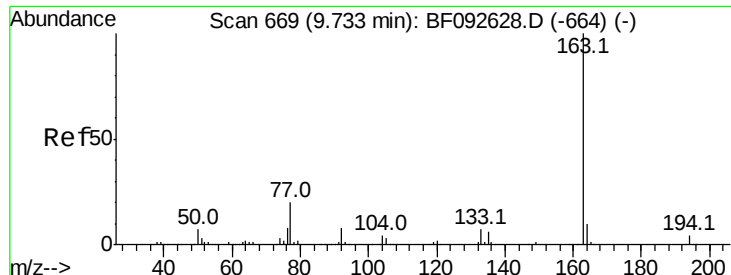
mohammad
2/24/2017 2:10:59 PM



#48
Acenaphthylene
Concen: 35.98 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.6	11.4	17.2





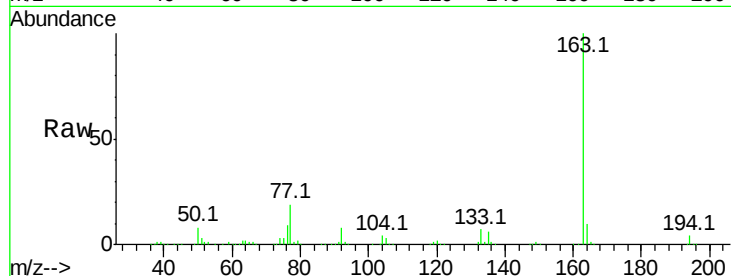
#49
Dimethylphthalate
Concen: 41.37 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

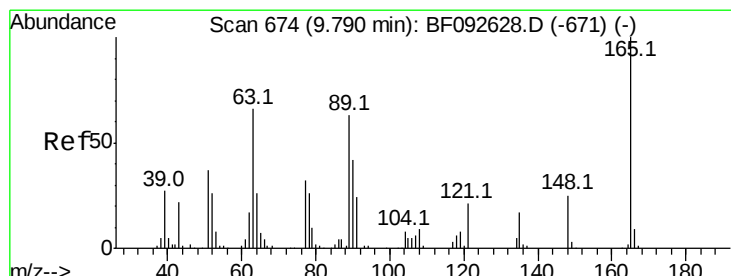
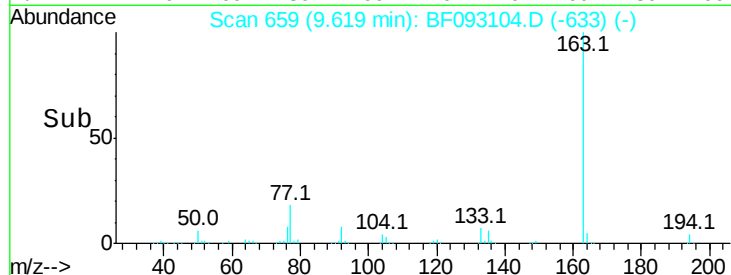
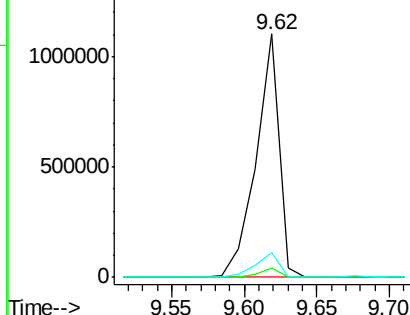
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.4	8.0	12.0

Manual Integrations
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2/24/2017 2:10:59 PM



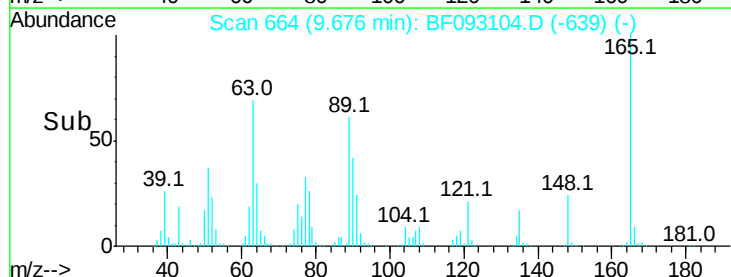
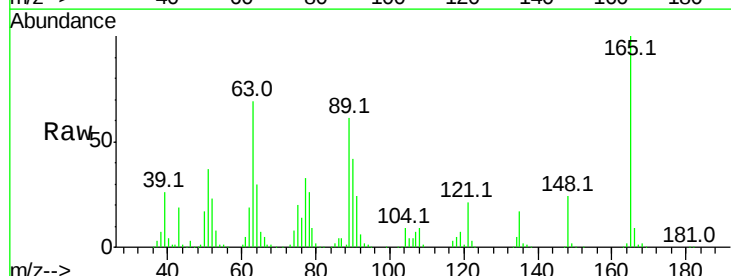
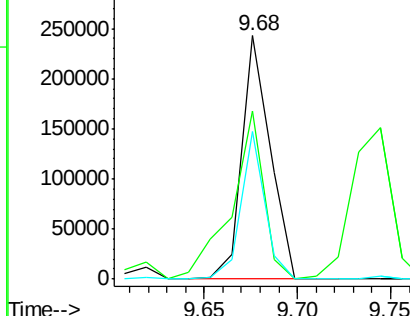
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

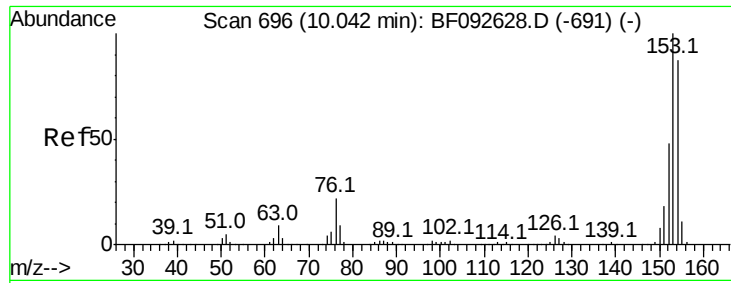


#50
2,6-Dinitrotoluene
Concen: 40.85 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.9	36.2	54.4#
89	60.6	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





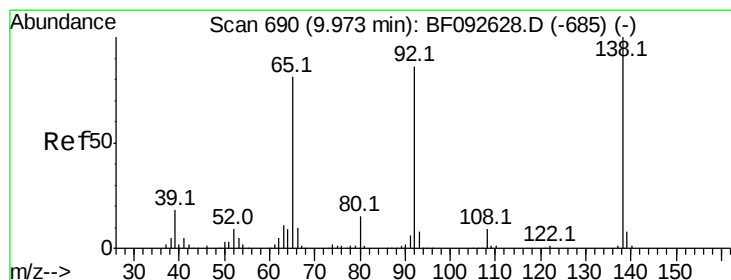
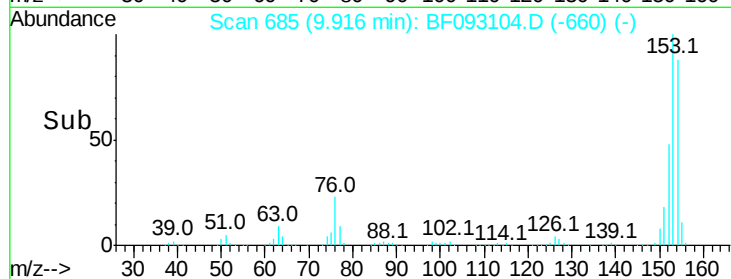
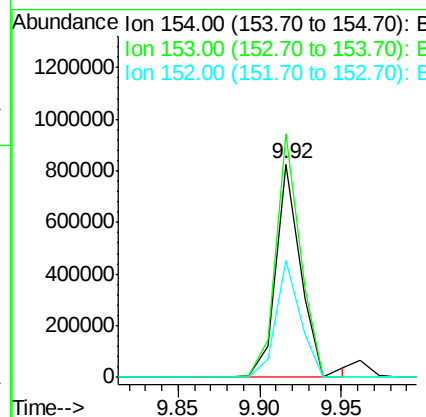
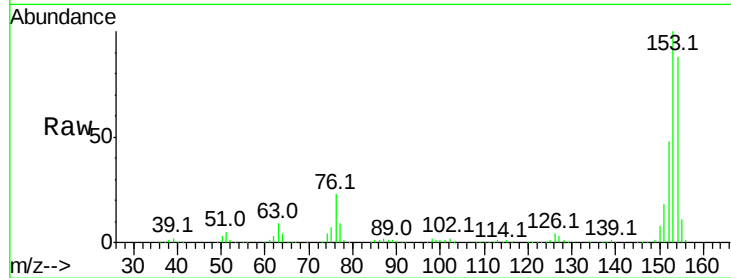
#51
Acenaphthene
Concen: 34.86 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	88.6	133.0
152	54.6	41.6	62.4

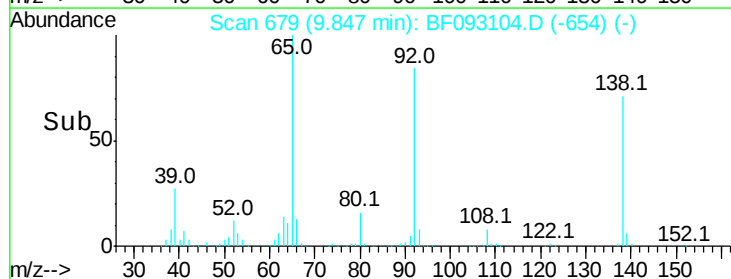
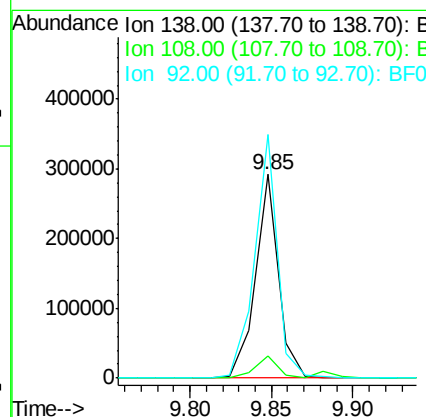
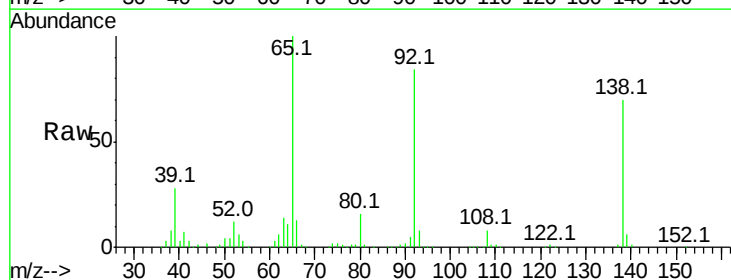
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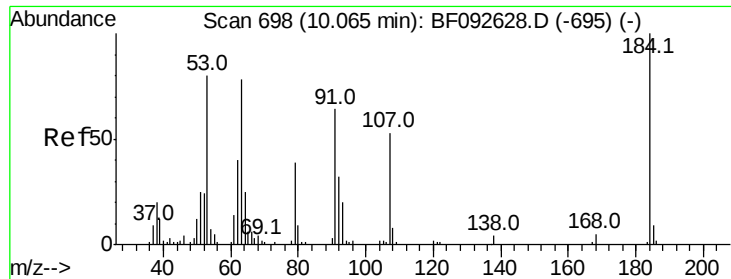
mohammad
2/24/2017 2:10:59 PM



#52
3-Nitroaniline
Concen: 39.48 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.5	12.7
92	119.6	97.8	146.8





#53

2,4-Dinitrophenol

Concen: 45.91 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:184 Resp: 141072

Ion Ratio Lower Upper

184 100

63 44.2 28.4 42.6#

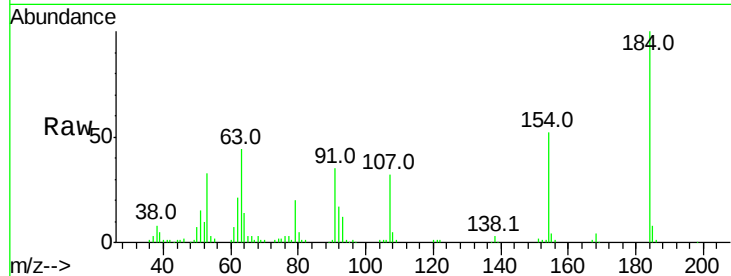
154 51.9 44.3 66.5

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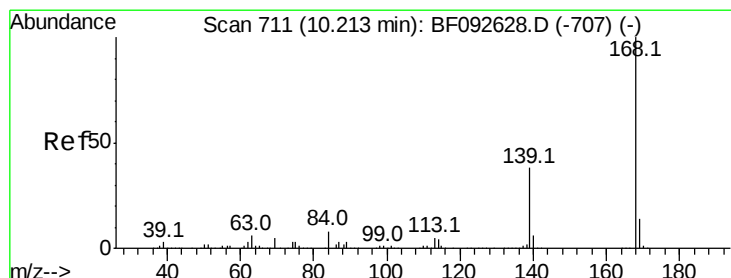
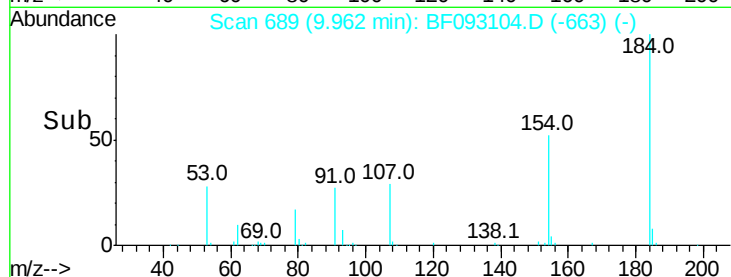
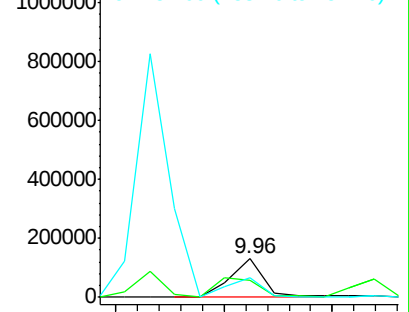
2/24/2017 2:10:59 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 33.21 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

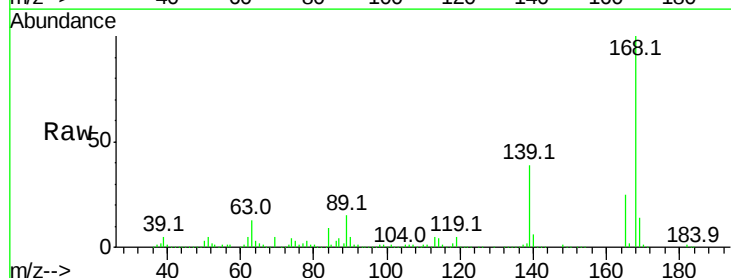
Tgt Ion:168 Resp: 1132132

Ion Ratio Lower Upper

168 100

139 38.6 32.6 49.0

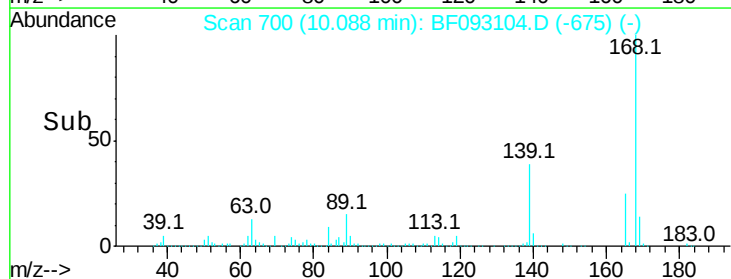
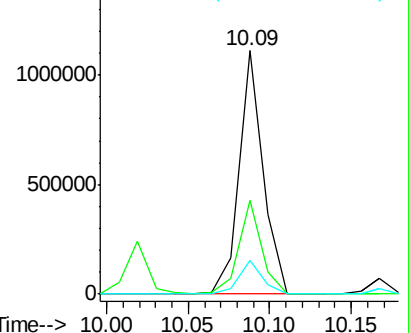
169 13.6 11.3 16.9

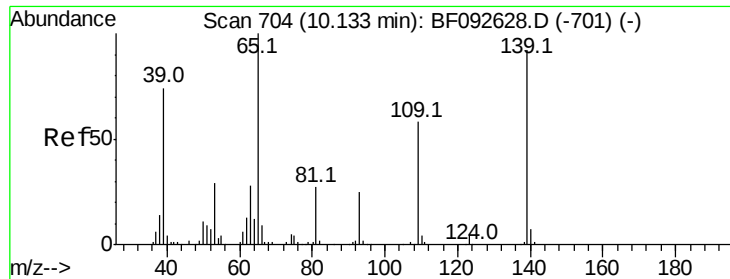


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





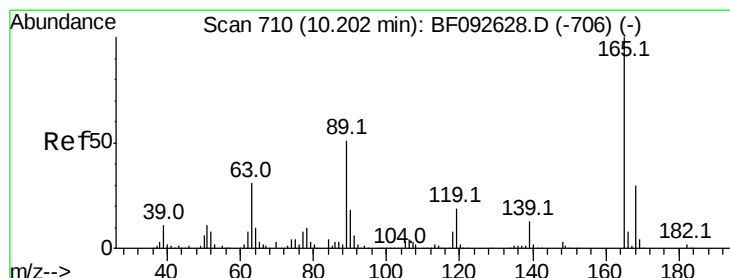
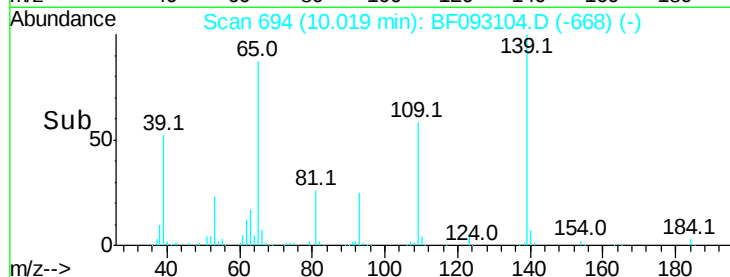
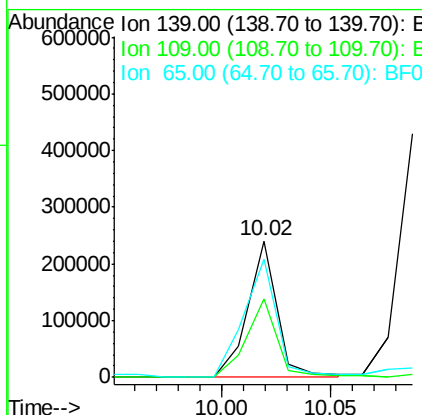
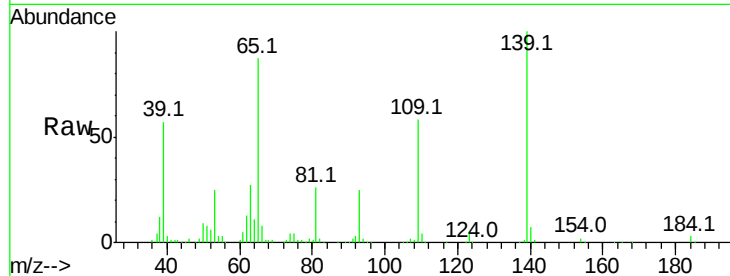
#55
4-Nitrophenol
Concen: 43.50 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.1	52.2	92.2
65	87.2	85.8	125.8

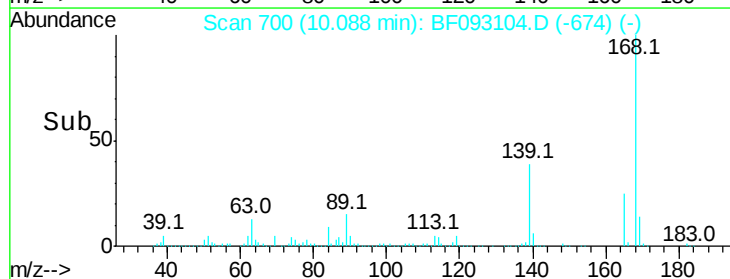
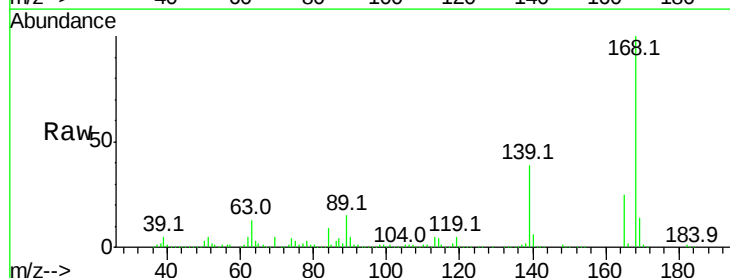
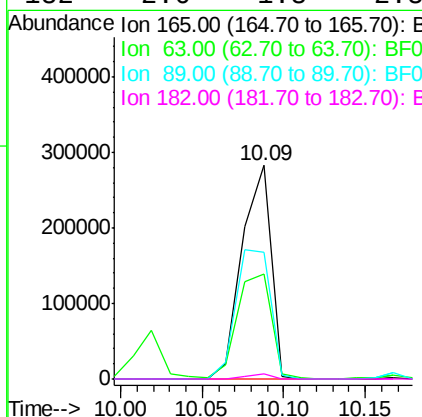
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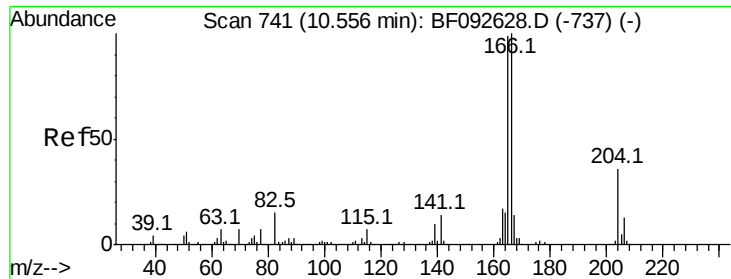
mohammad
2/24/2017 2:10:59 PM



#56
2,4-Dinitrotoluene
Concen: 41.36 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.4	40.2	60.4
89	59.1	62.5	93.7#
182	2.6	1.8	2.8





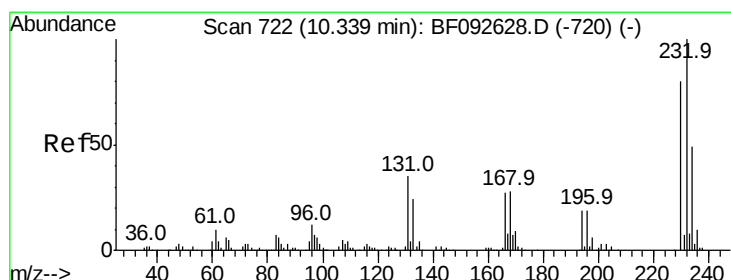
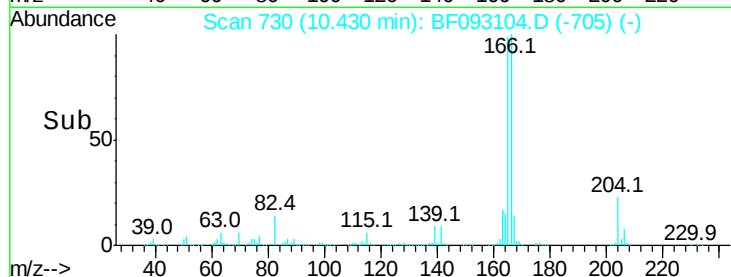
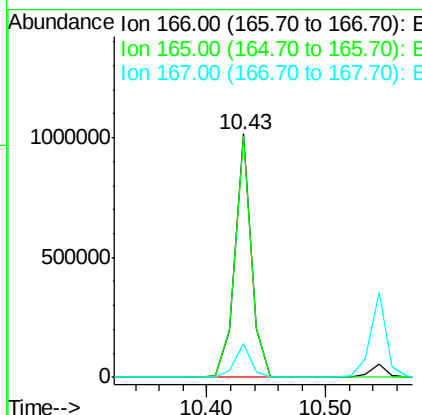
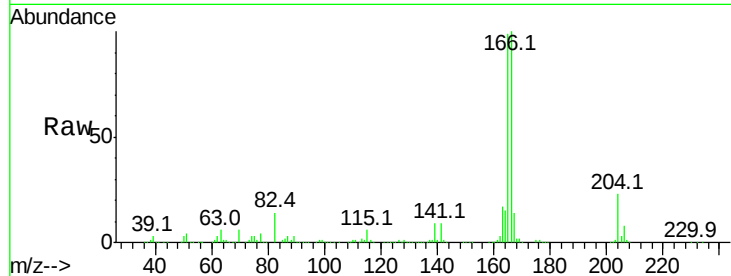
#57
 Fluorene
 Concen: 37.50 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	983563		
165	99.1		77.8	116.8
167	13.6		10.8	16.2

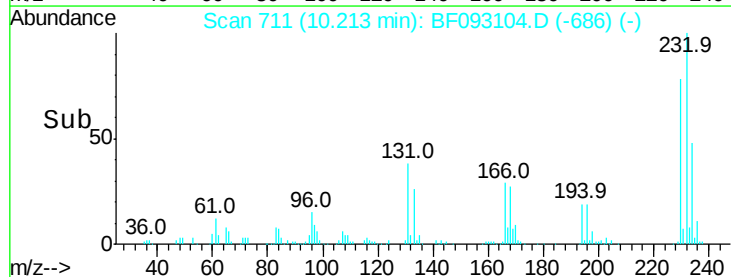
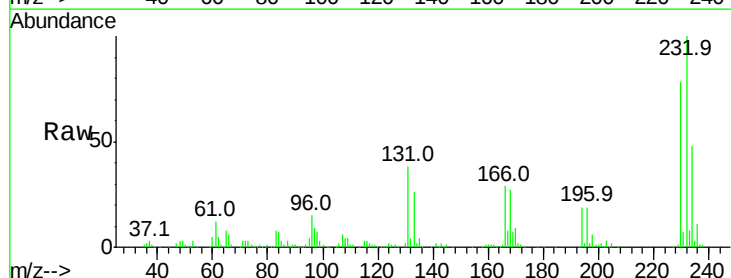
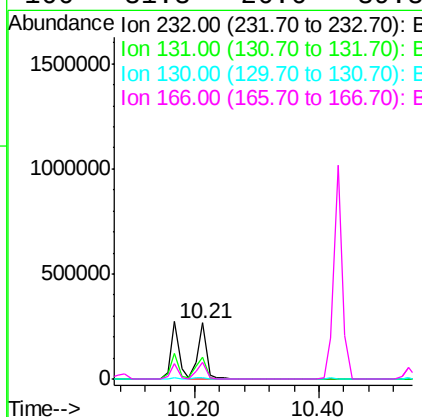
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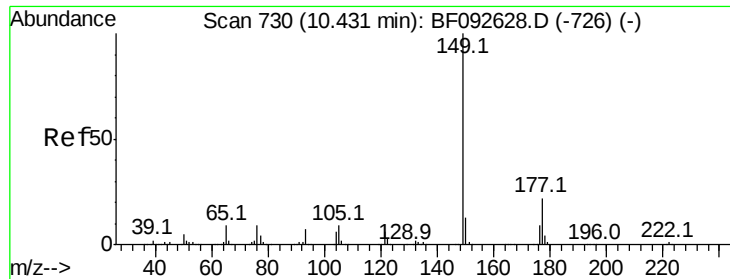
mohammad
 2/24/2017 2:10:59 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.21 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	265533		
131	44.7		40.1	60.1
130	2.2		1.8	2.8
166	31.3		26.6	39.8





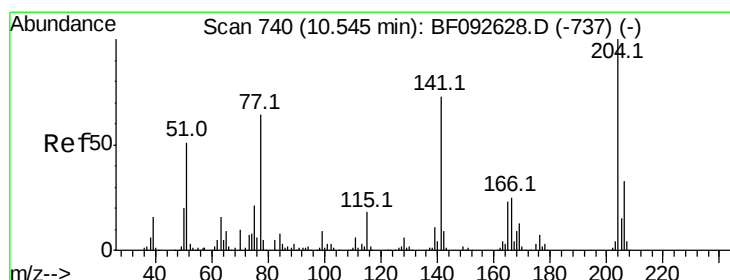
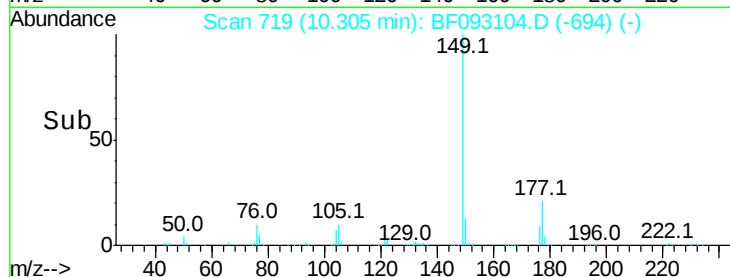
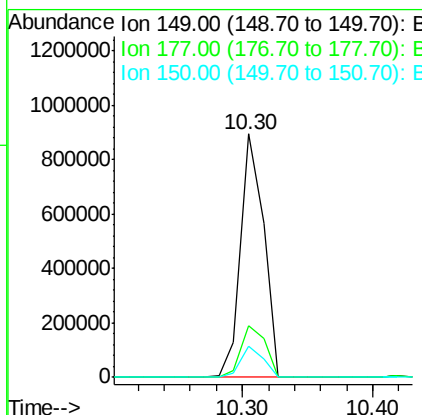
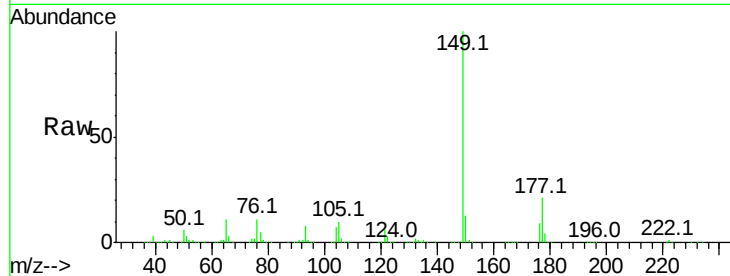
#59
Diethylphthalate
Concen: 39.76 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.6	25.0
150	13.0	10.4	15.6

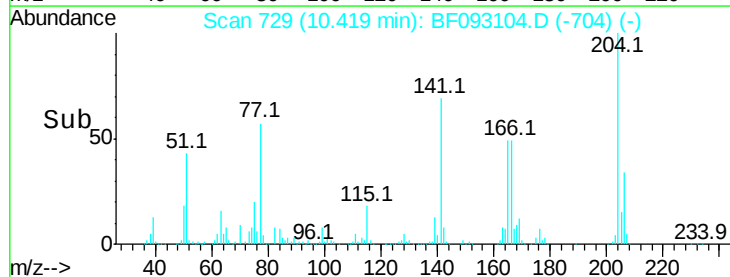
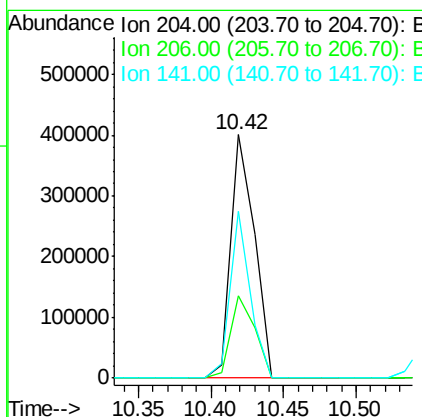
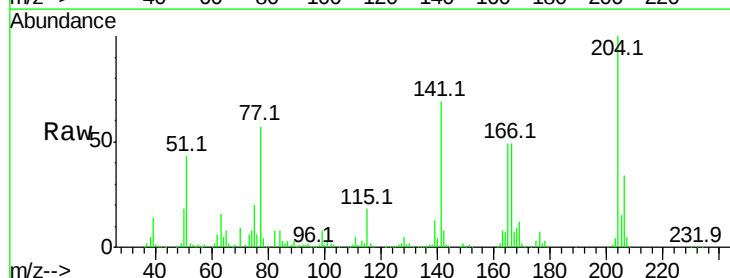
Manual Integrations
APPROVED

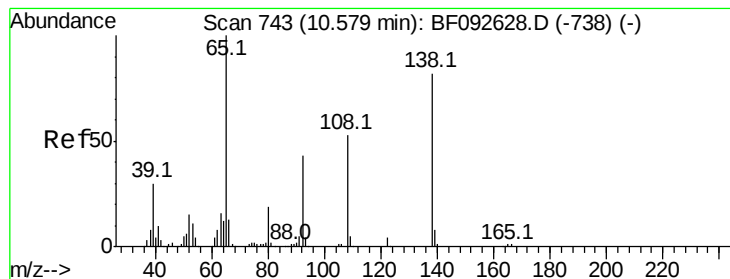
mohammad
2/24/2017 2:10:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.09 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	25.8	38.6
141	68.7	59.4	89.0





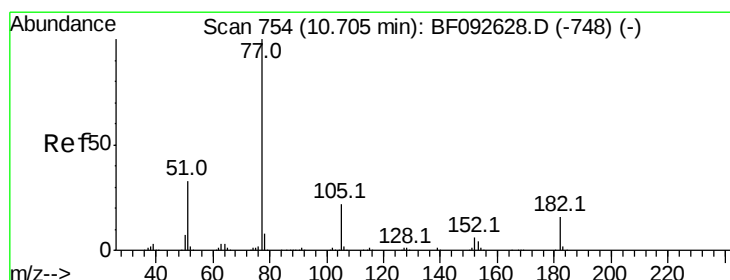
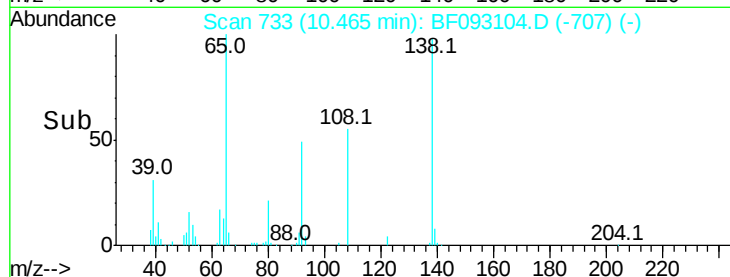
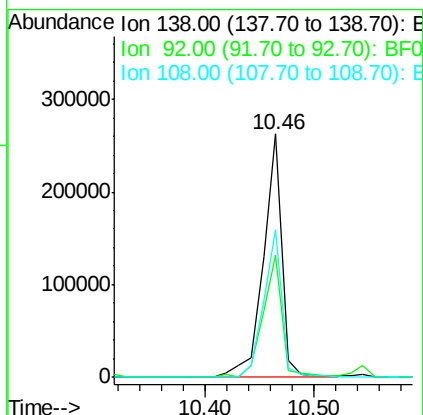
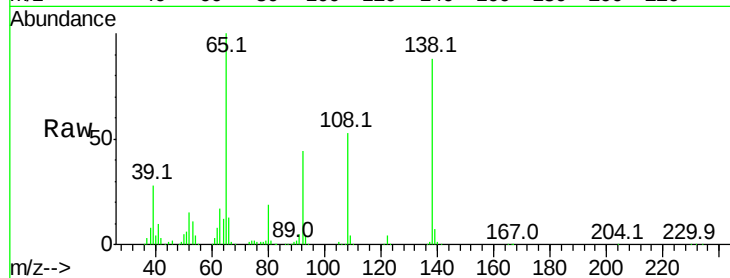
#61
4-Nitroaniline
Concen: 42.28 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.7	71.7
108	60.6	52.6	92.6

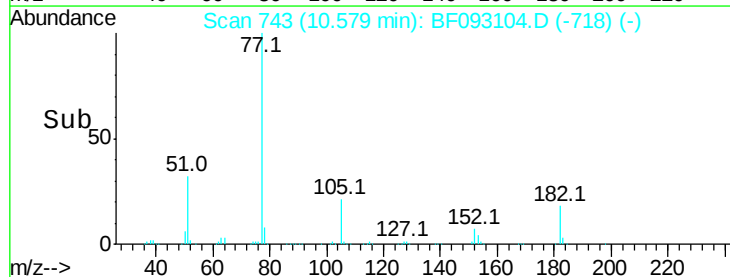
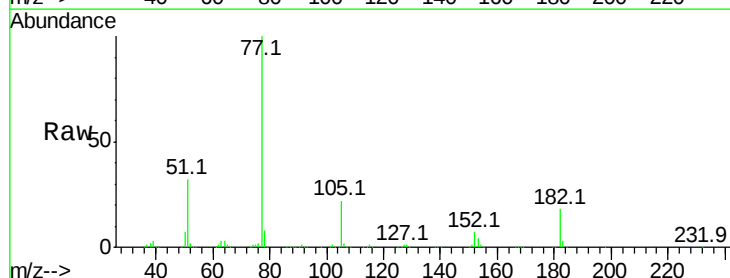
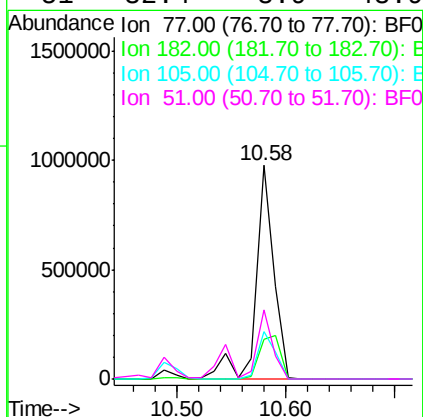
Manual Integrations
APPROVED

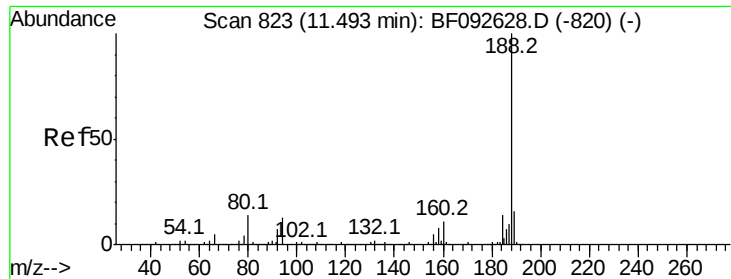
mohammad
2/24/2017 2:10:59 PM



#62
Azobenzene
Concen: 39.84 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	0.0	39.3
105	22.2	2.3	42.3
51	32.4	8.9	48.9





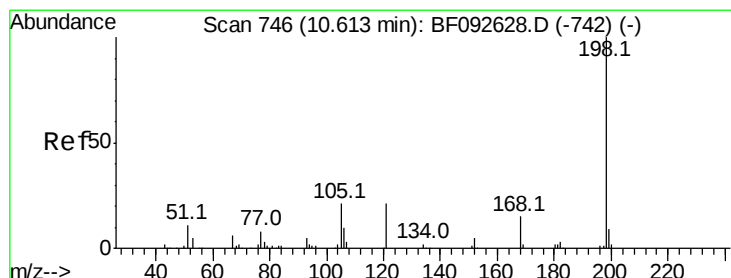
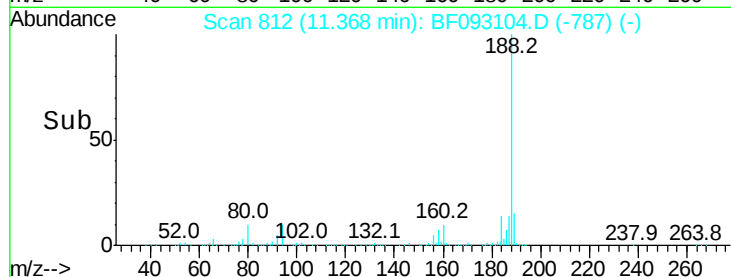
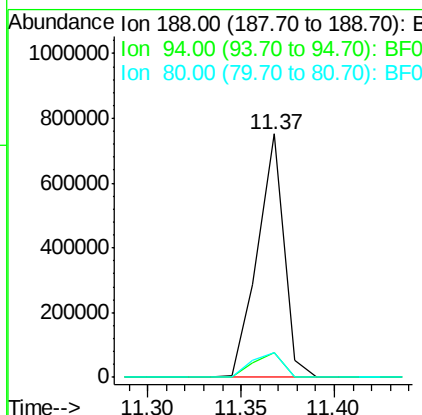
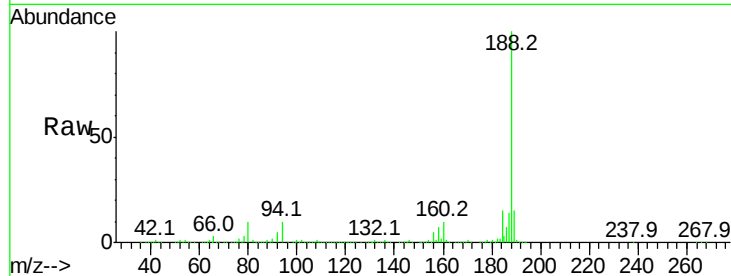
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	752072		
94	10.1		10.0	15.0
80	10.2		11.2	16.8#

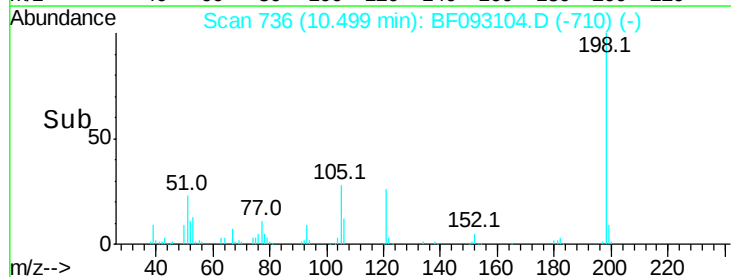
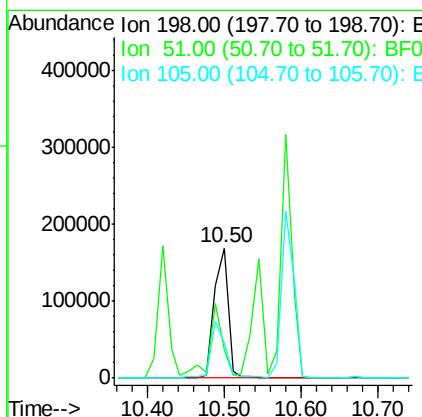
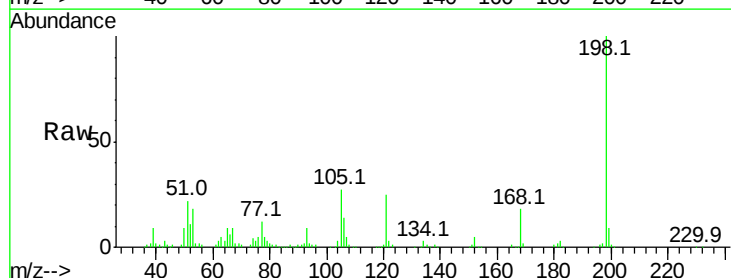
Manual Integrations
APPROVED

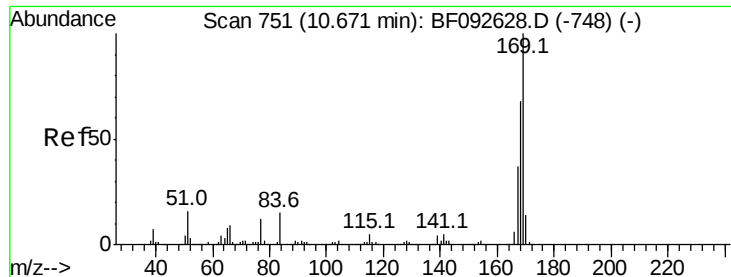
mohammad
2/24/2017 2:10:59 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.90 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	214409		
51	22.4		6.7	46.7
105	27.3		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 36.86 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 885475

Ion Ratio Lower Upper

169 100

168 68.1 54.2 81.2

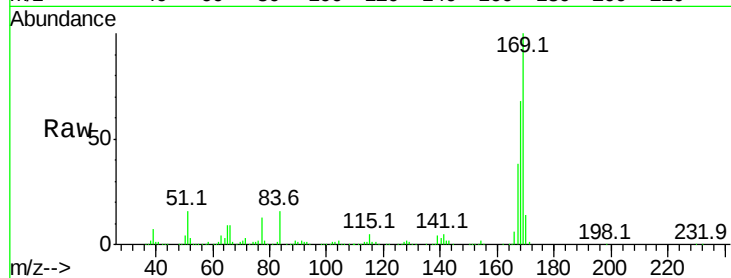
167 37.7 30.2 45.4

Manual Integrations

APPROVED

mohammad

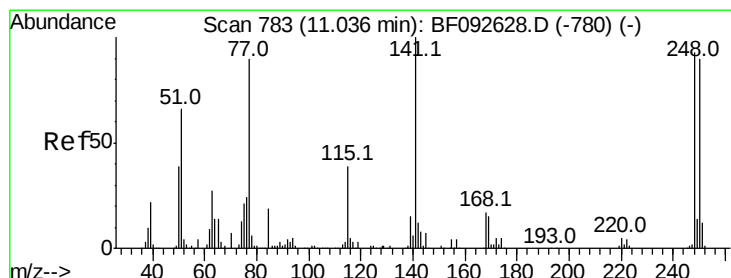
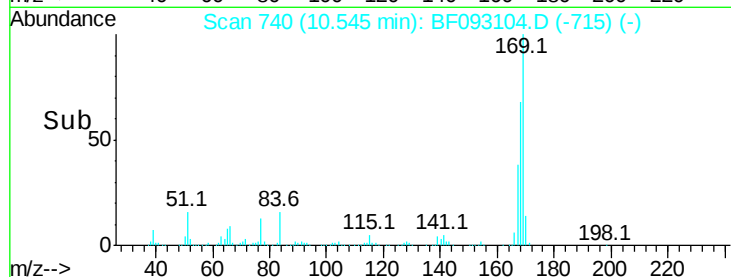
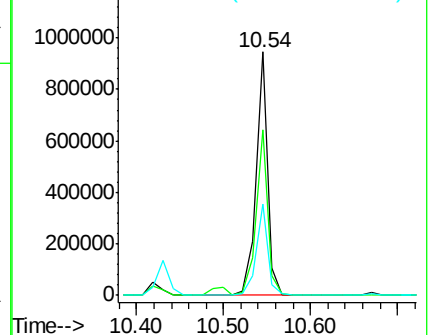
2/24/2017 2:10:59 PM



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: 37.27 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

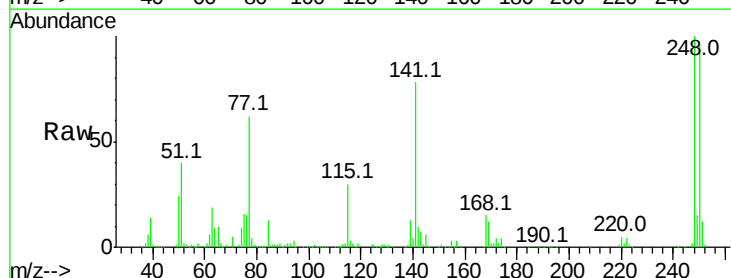
Tgt Ion:248 Resp: 292806

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

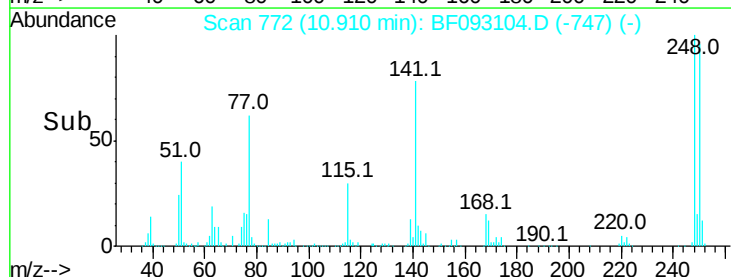
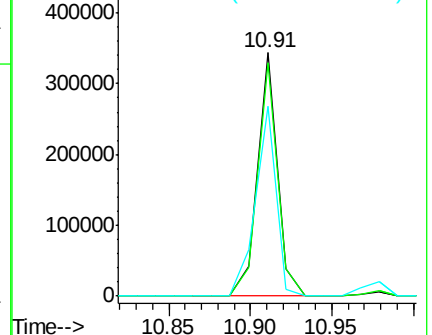
141 78.1 68.2 102.4

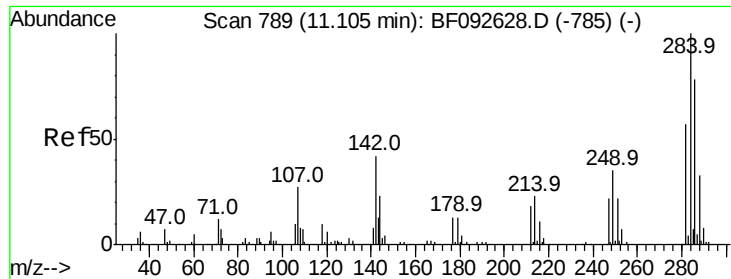


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





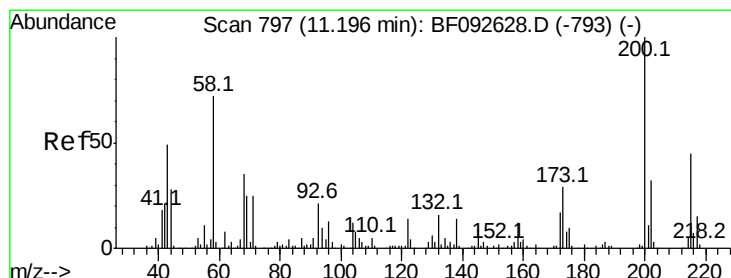
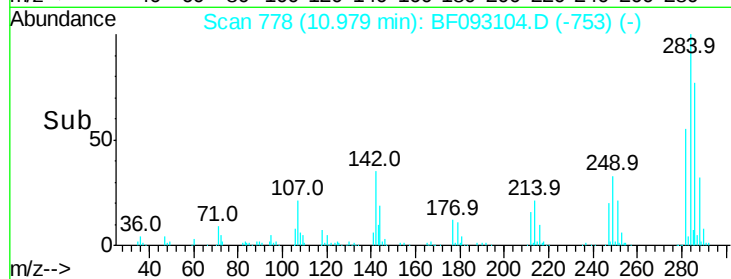
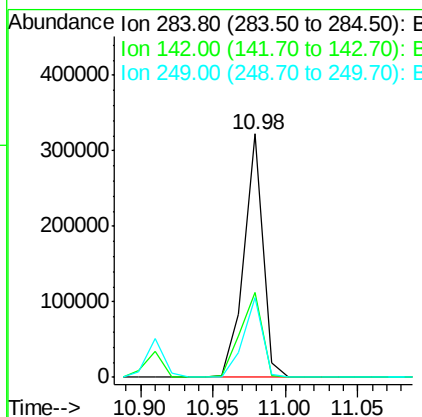
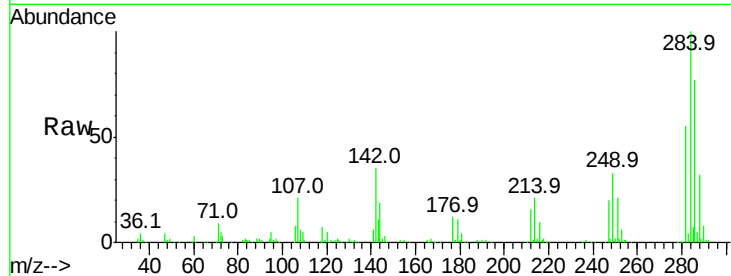
#67
Hexachlorobenzene
Concen: 37.87 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	294034		
142	34.7	22.6	33.8#	
249	33.0	25.4	38.0	

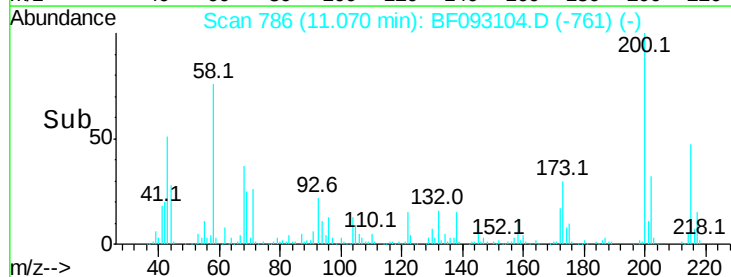
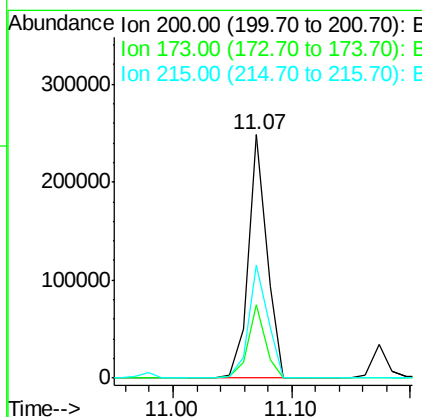
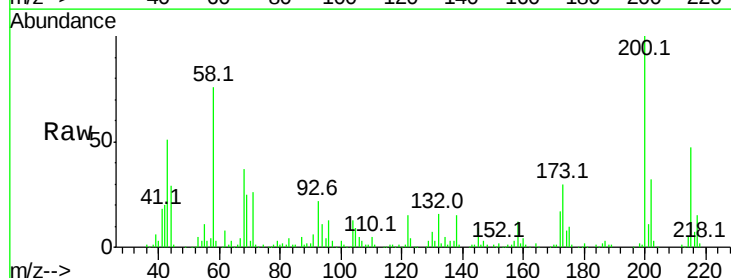
Manual Integrations
APPROVED

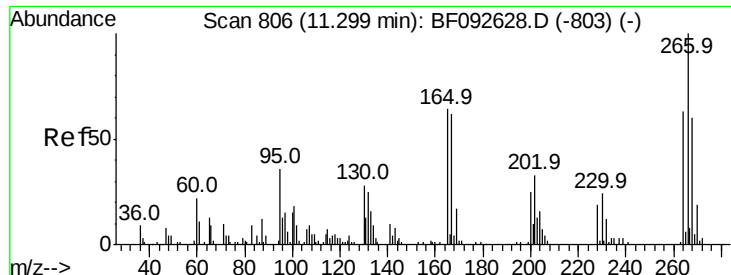
mohammad
2/24/2017 2:10:59 PM



#68
Atrazine
Concen: 35.28 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	271980		
173	29.9	9.6	49.6	
215	46.5	25.7	65.7	





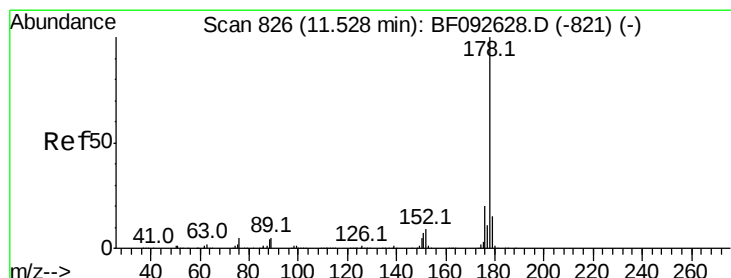
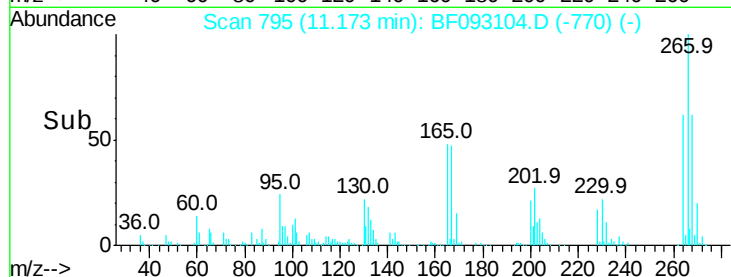
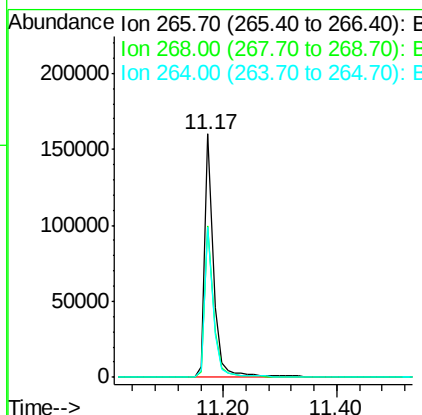
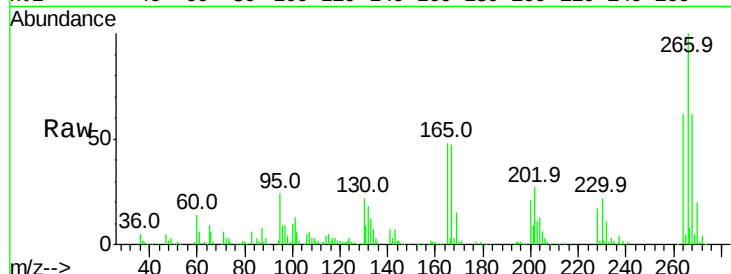
#69
 Pentachlorophenol
 Concen: 45.27 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.1	53.3	79.9
264	61.6	50.3	75.5

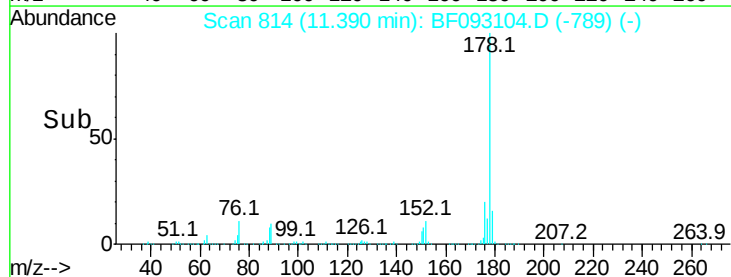
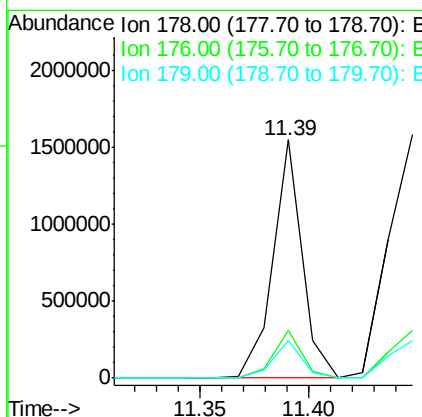
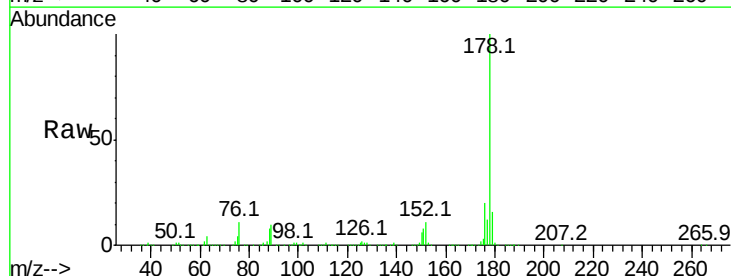
Manual Integrations
 APPROVED

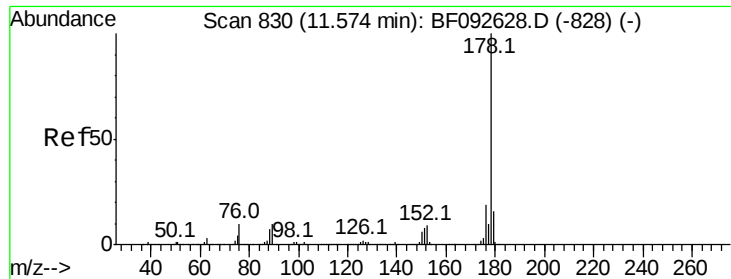
mohammad
 2/24/2017 2:10:59 PM



#70
 Phenanthrene
 Concen: 33.91 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	16.0	12.8	19.2





#71

Anthracene

Concen: 40.44 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1749958

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

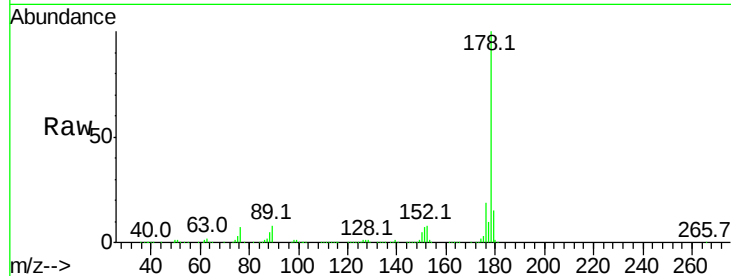
179 15.5 13.2 19.8

Manual Integrations

APPROVED

mohammad

2/24/2017 2:10:59 PM



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

11.45

1500000

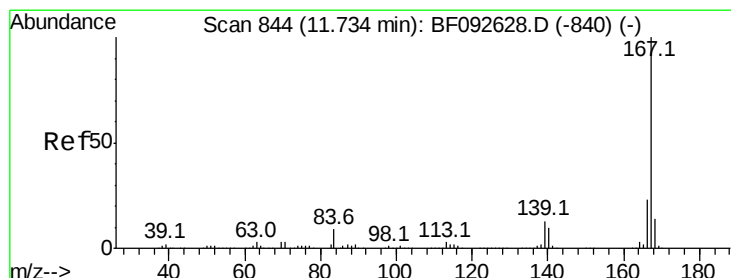
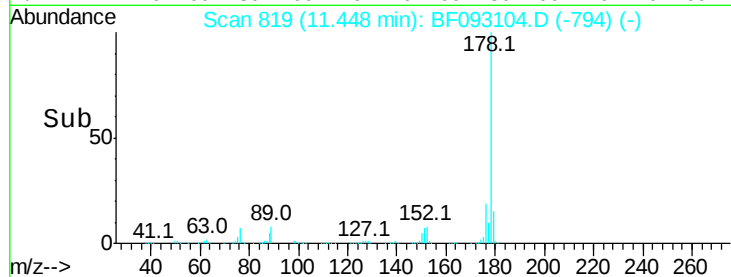
1000000

500000

0

11.40 11.60

Time-->



#72

Carbazole

Concen: 38.52 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

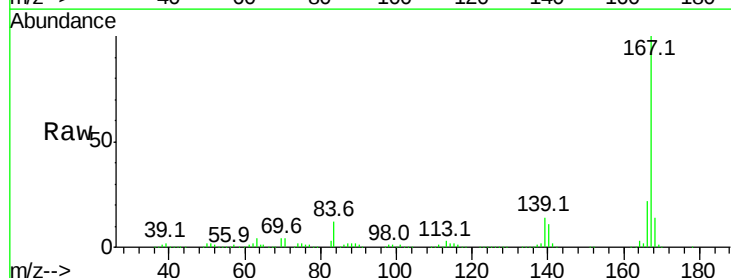
Tgt Ion:167 Resp: 1593066

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

139 14.1 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

11.60

1500000

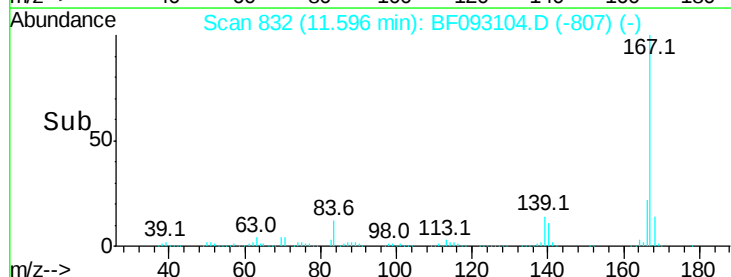
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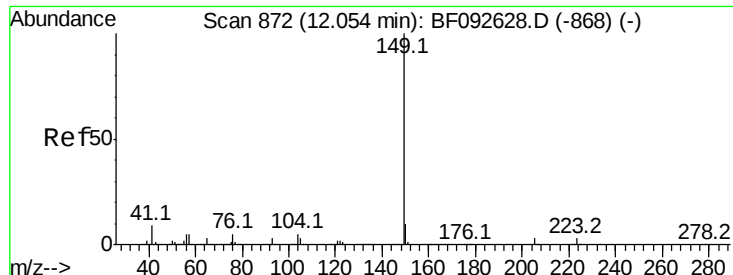
500000

0

11.50 11.70 11.80

Time-->





#73

Di-n-butylphthalate

Concen: 39.31 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

ClientSampled :

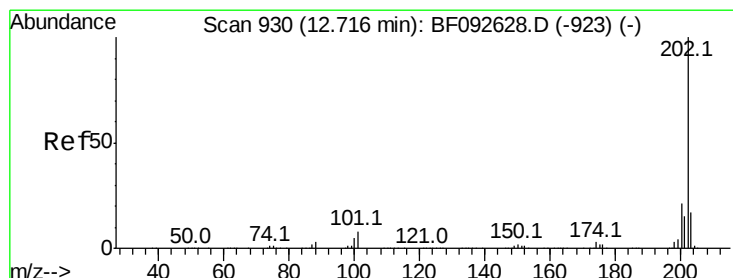
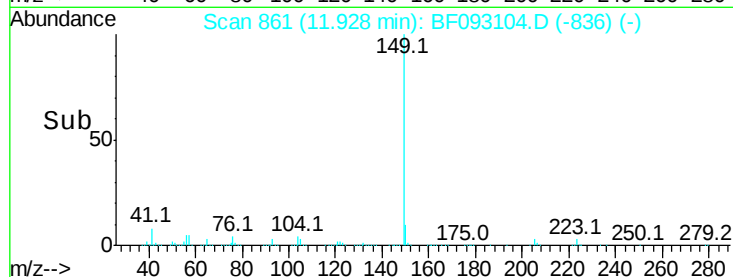
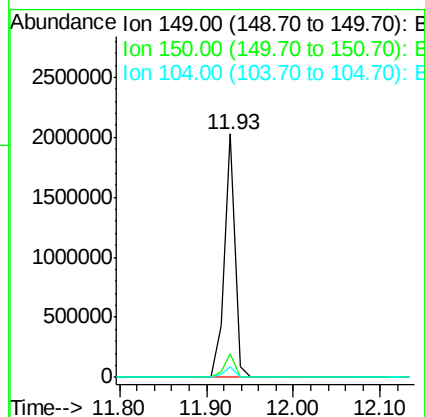
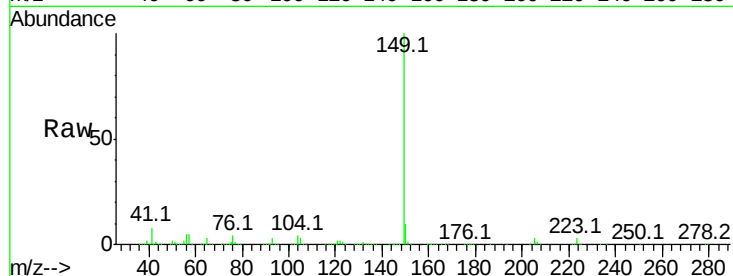
SSTDCCC040

Tot Ion:149 Resp: 1758484

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.4	4.6	7.0

Manual Integrations
APPROVED

mohammad
2/24/2017 2:10:59 PM



#74

Fluoranthene

Concen: 37.15 ng

RT: 12.58 min Scan# 918

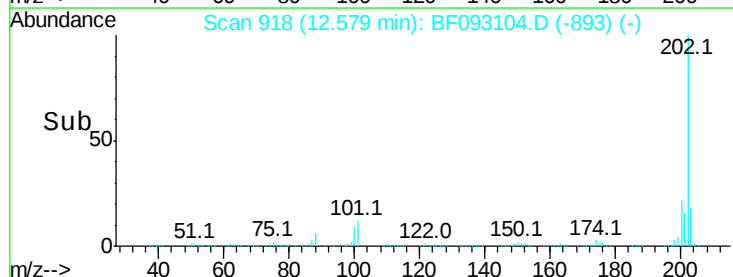
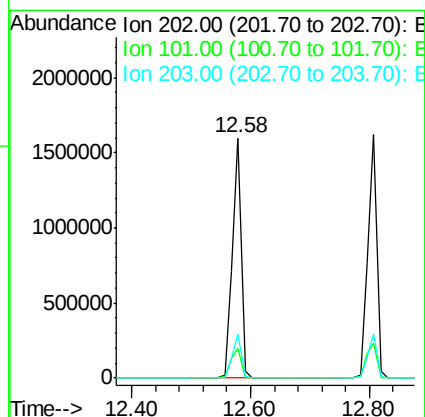
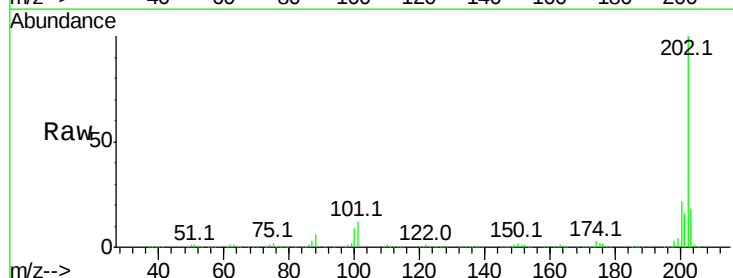
Delta R.T. -0.01 min

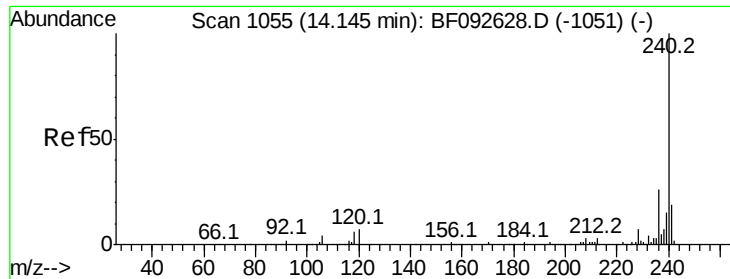
Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion:202 Resp: 1650981

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.6
203	18.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

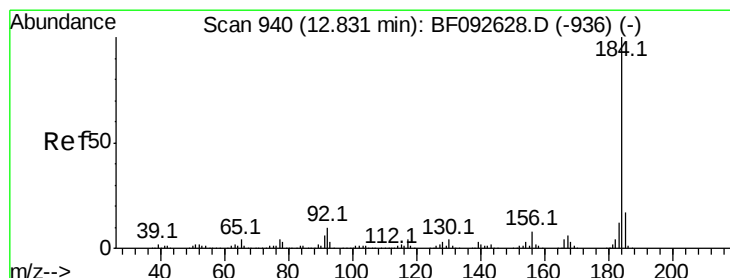
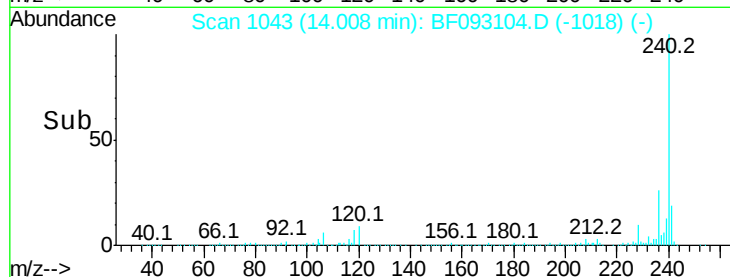
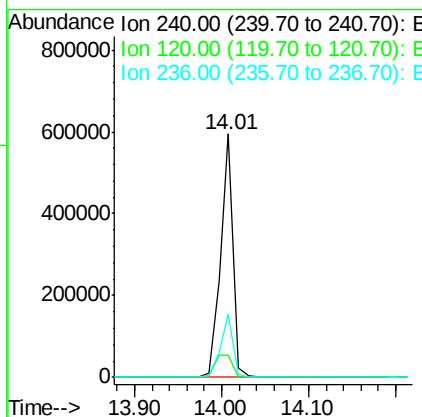
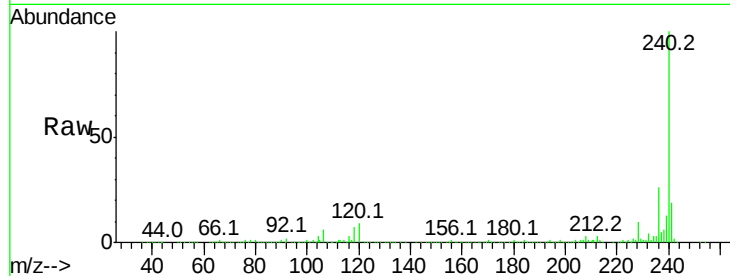
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	599017		
120	8.9	12.9	19.3#	
236	26.1	20.9	31.3	

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#76

Benzidine

Concen: 37.01 ng

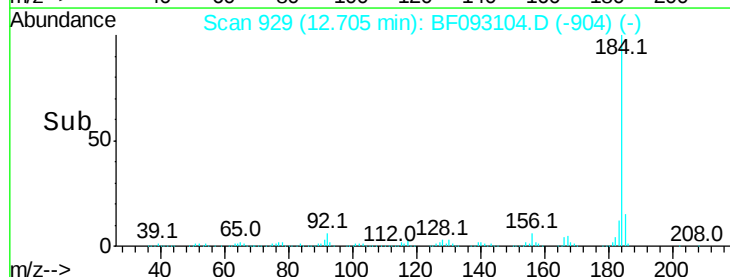
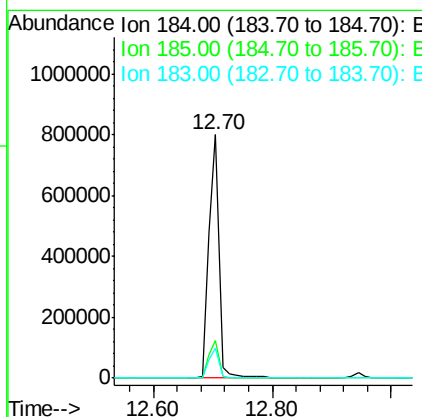
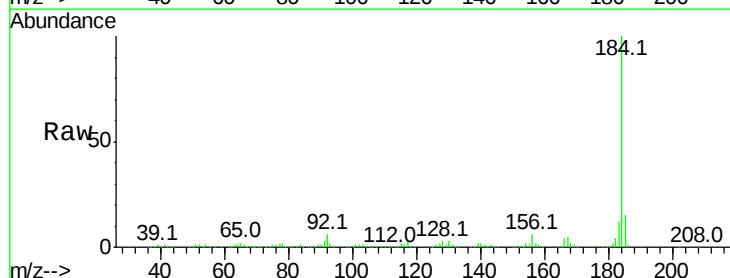
RT: 12.70 min Scan# 929

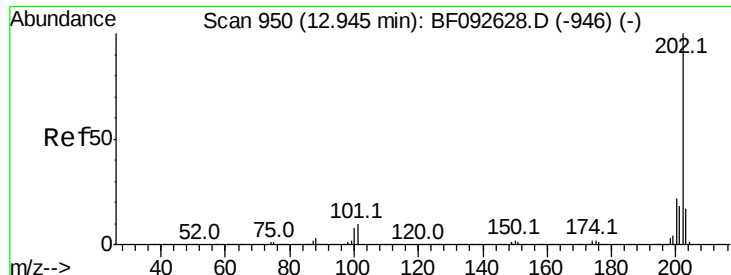
Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	944590		
185	15.4	13.4	20.0	
183	12.0	9.2	13.8	





#77

Pvrene

Concen: 37.62 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1686329

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

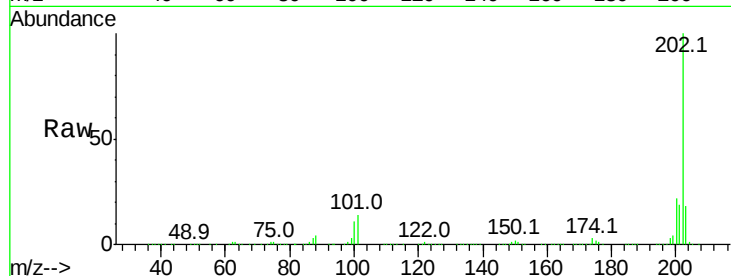
203 17.8 14.7 22.1

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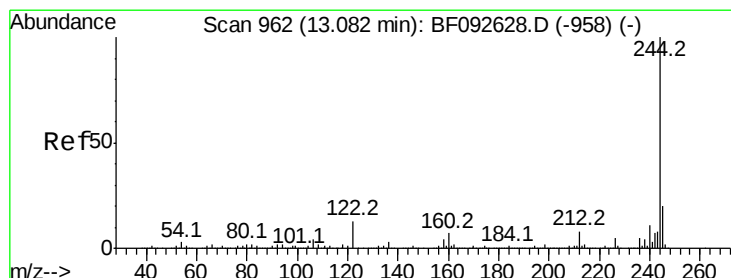
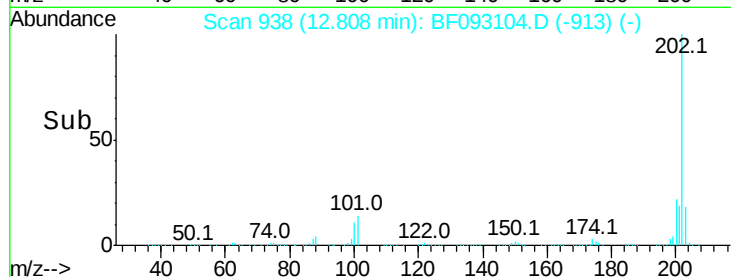
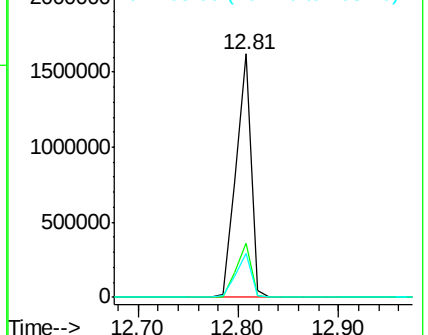
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.90 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

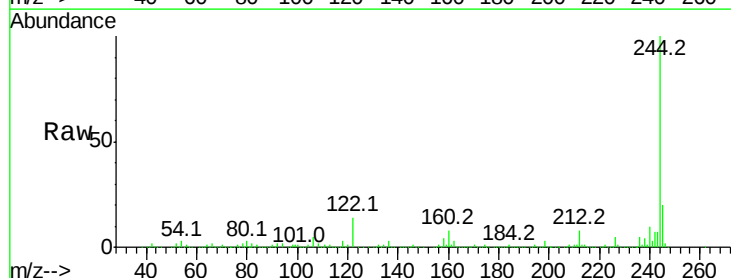
Tgt Ion:244 Resp: 1833058

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

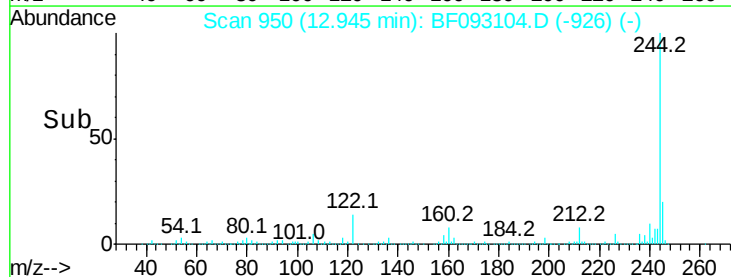
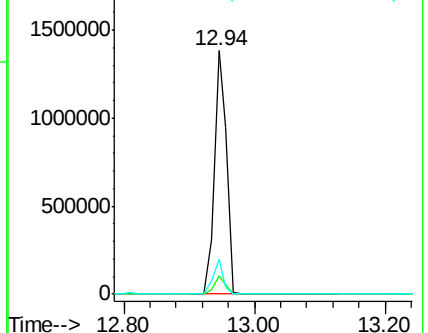
122 14.1 11.4 17.2

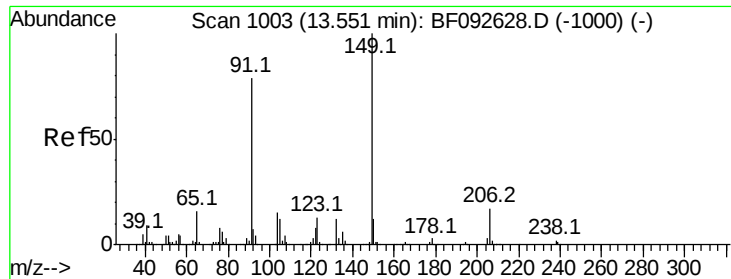


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





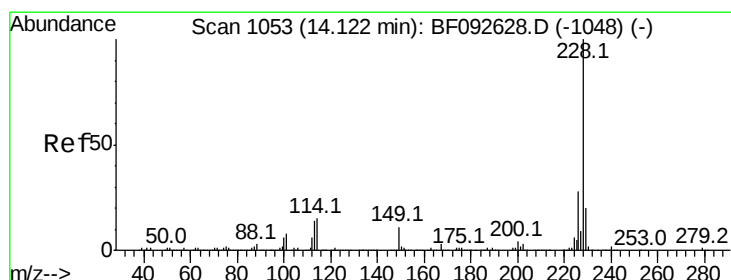
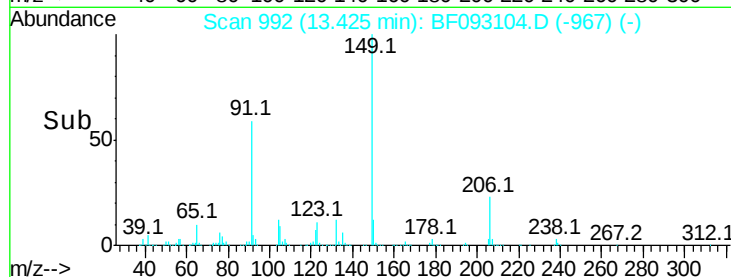
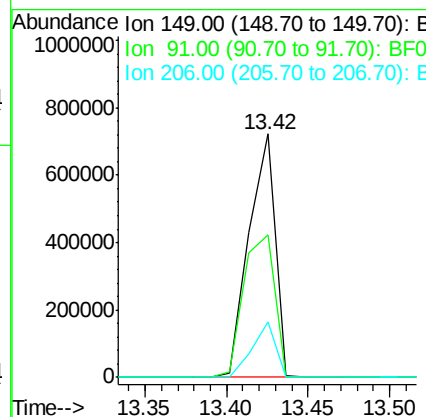
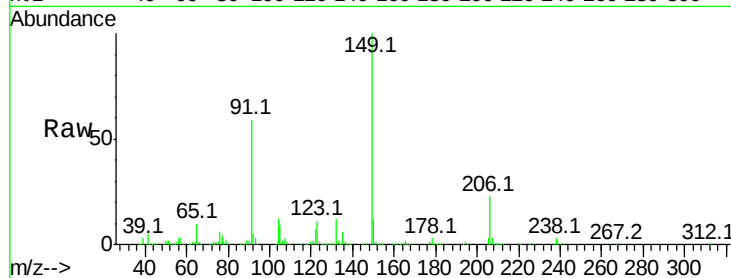
#79
Butylbenzylphthalate
Concen: 44.29 ng
RT: 13.42 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.6	63.9	95.9#
206	22.8	14.6	21.8#

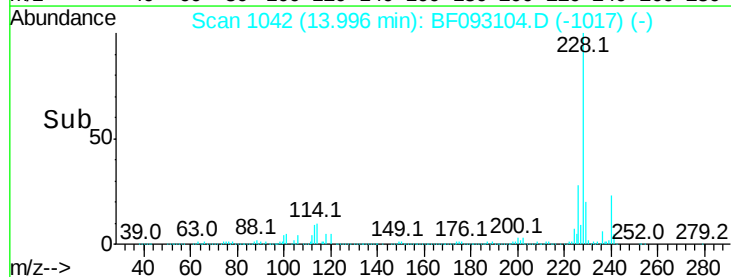
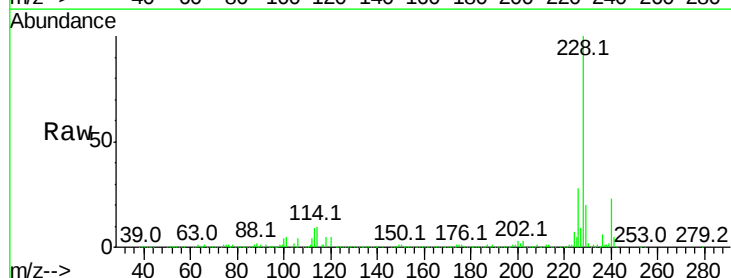
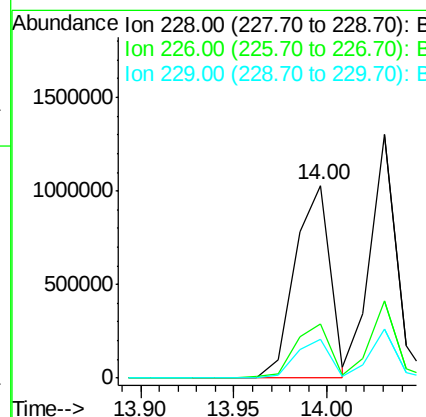
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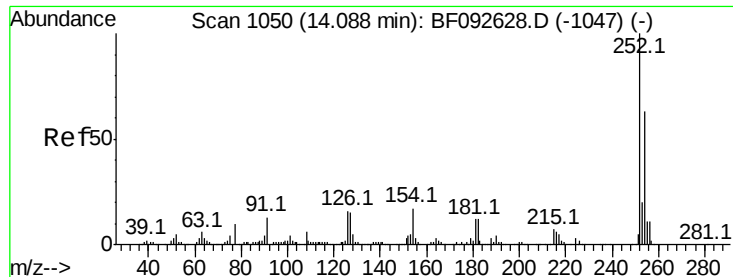
mohammad
2/24/2017 2:10:59 PM



#80
Benzo(a)anthracene
Concen: 36.77 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.9	16.2	24.4





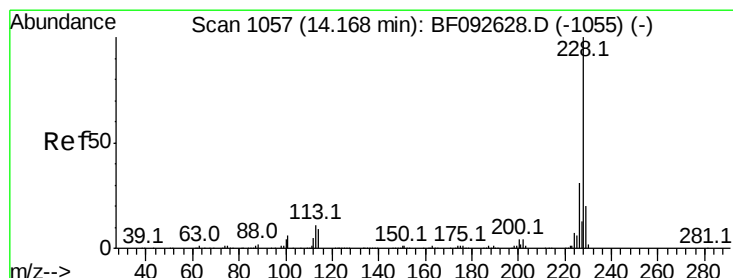
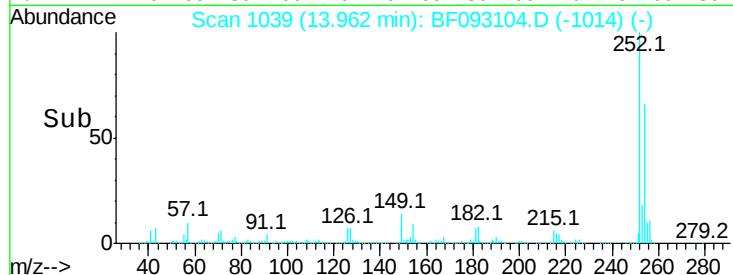
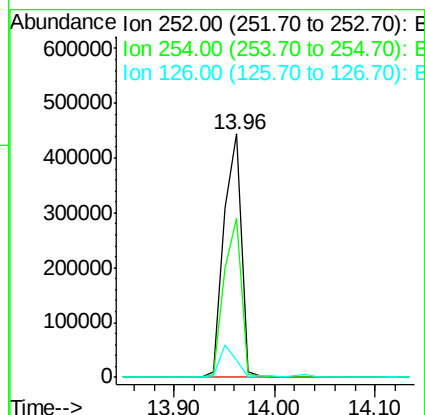
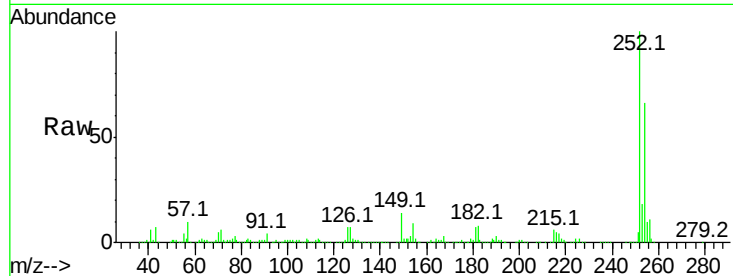
#81
 3,3'-Dichlorobenzidine
 Concen: 41.11 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.3	78.5
126	7.0	13.6	20.4

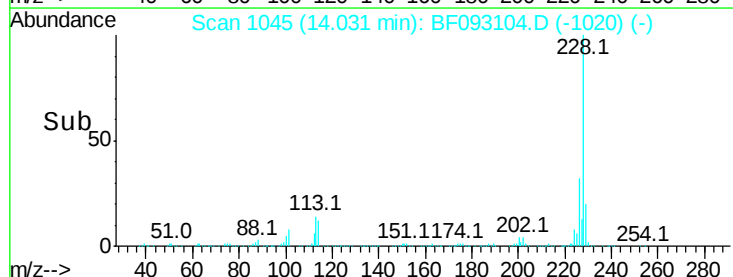
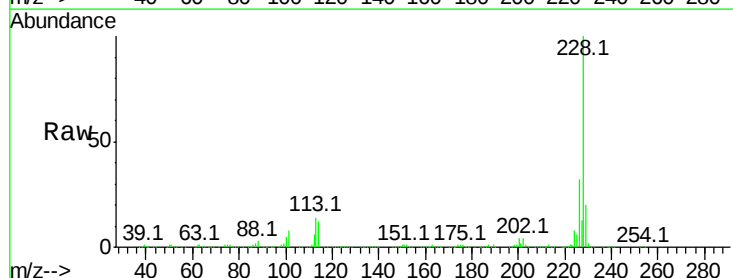
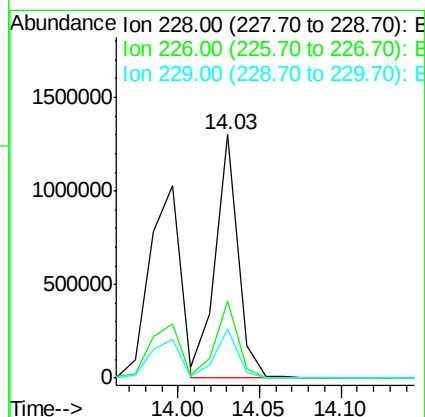
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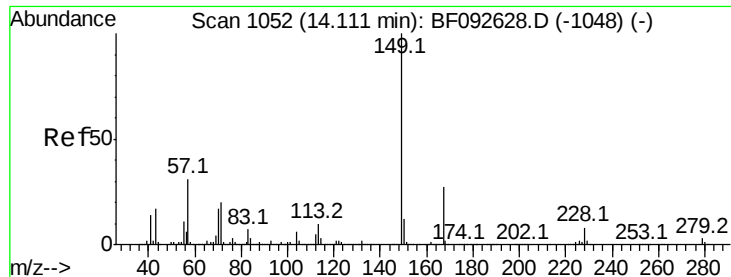
mohammad
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#82
 Chrysene
 Concen: 36.69 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.1	16.2	24.2





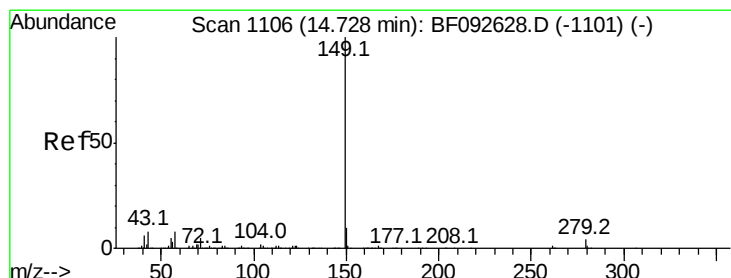
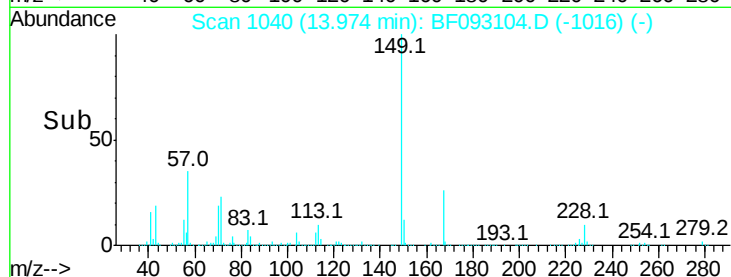
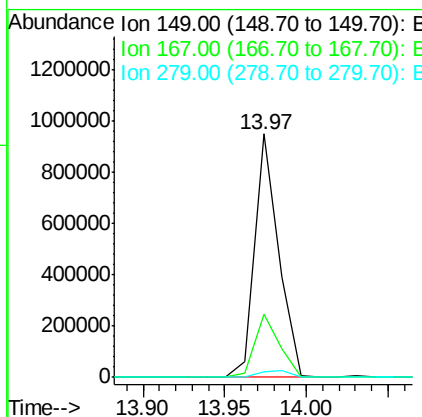
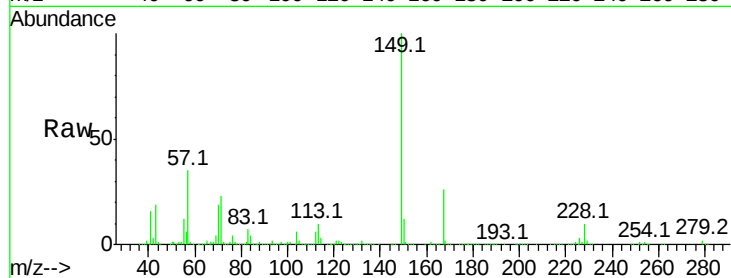
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.96 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.2	30.4
279	2.3	1.8	2.8

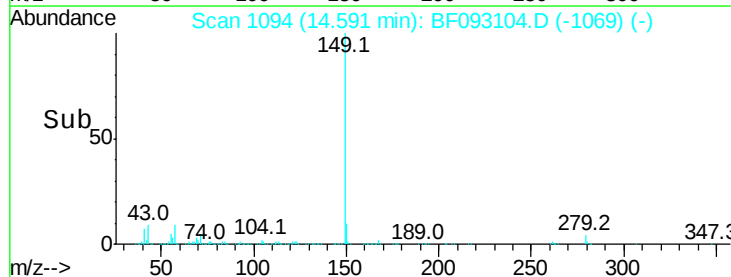
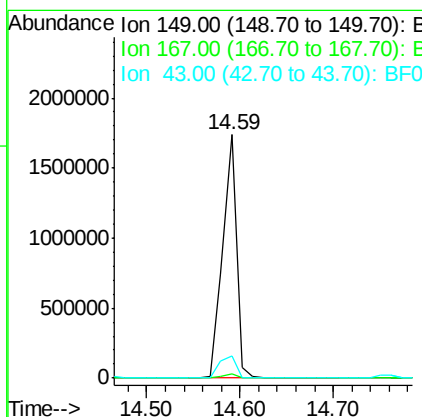
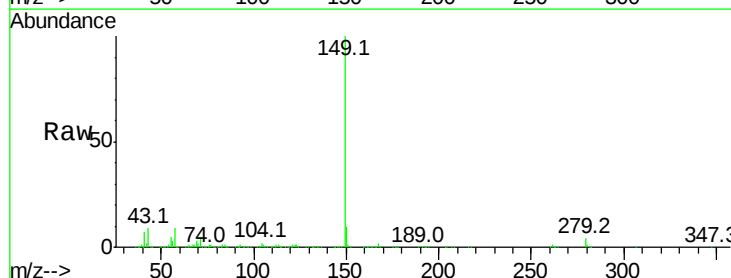
Manual Integrations
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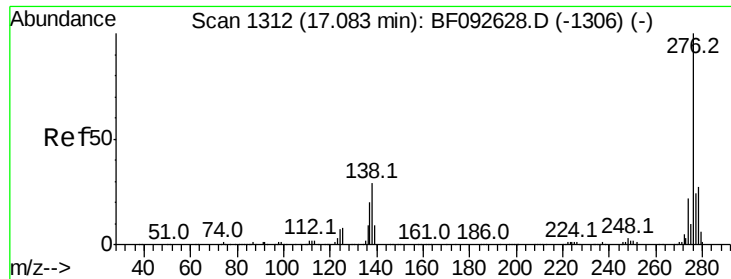
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 43.93 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	8.9	13.3





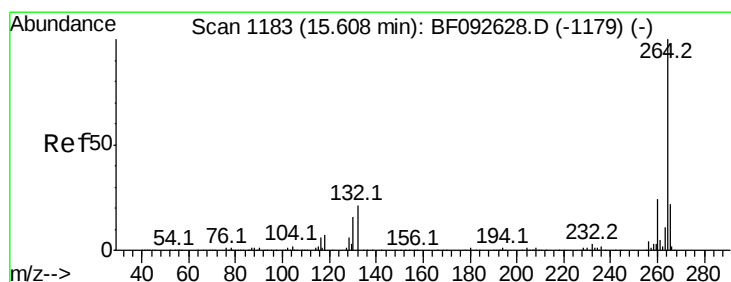
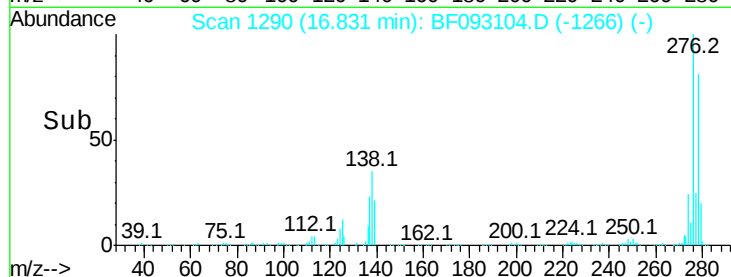
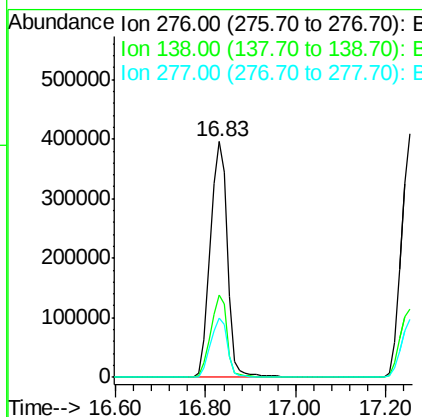
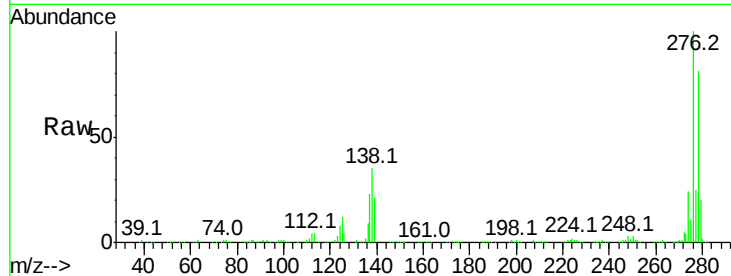
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.83 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:276 Resp: 1058155
Ion Ratio Lower Upper
276 100
138 33.3 21.8 32.6#
277 25.1 20.2 30.4

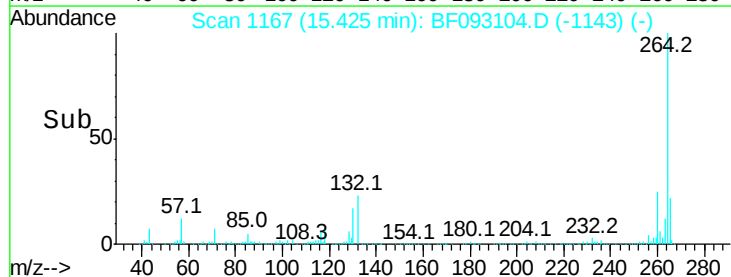
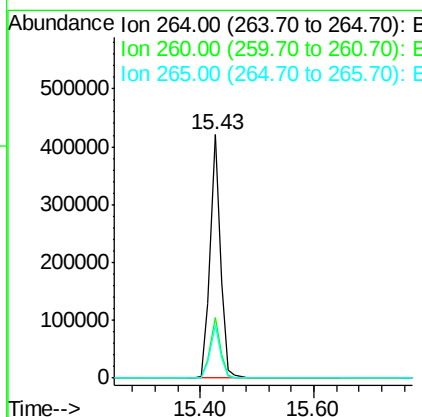
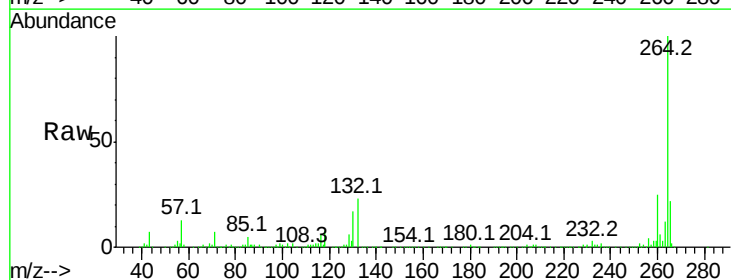
Manual Integrations
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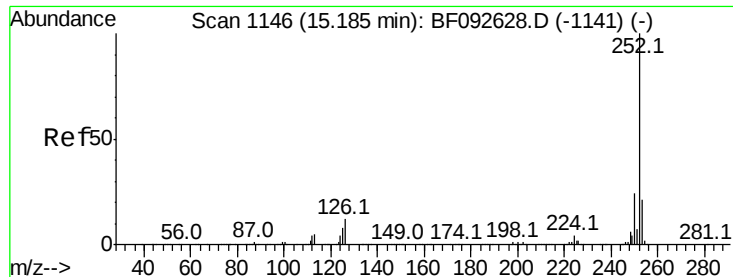
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion:264 Resp: 513471
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 42.15 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1424493

Ion Ratio Lower Upper

252 100

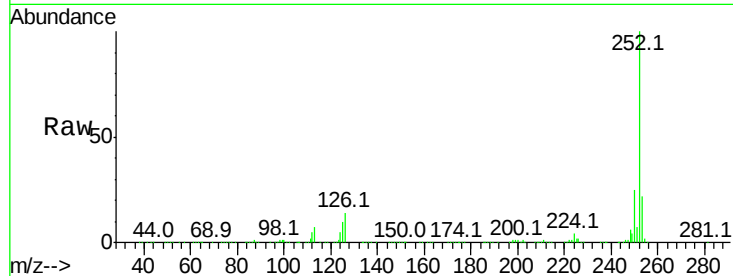
253 22.3 18.2 27.4

125 10.2 9.8 14.6

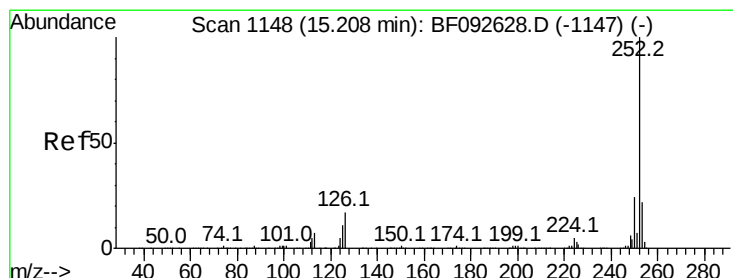
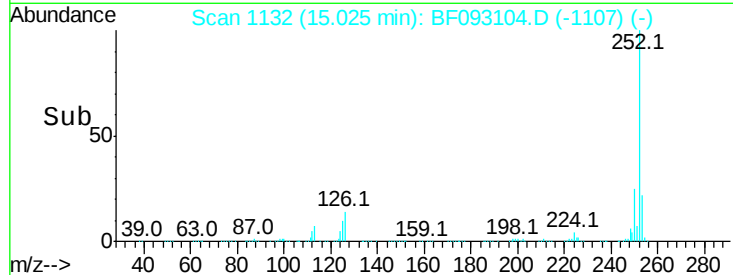
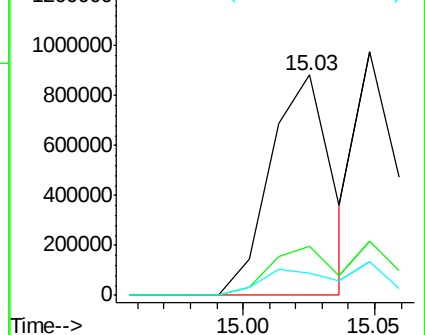
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.28 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF093104.D

Acq: 23 Feb 2017 15:00

Tgt Ion:252 Resp: 1029409

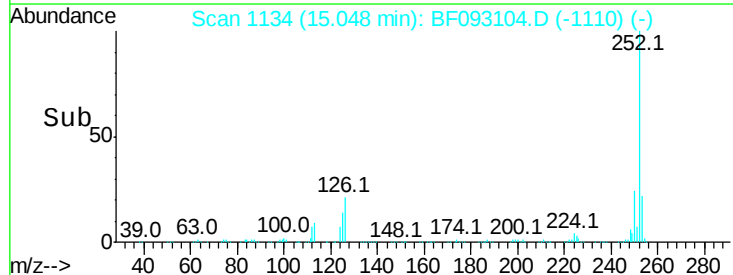
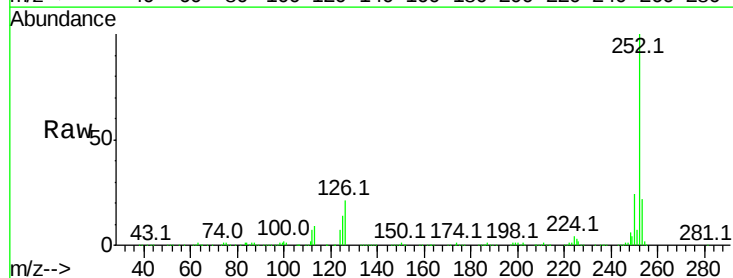
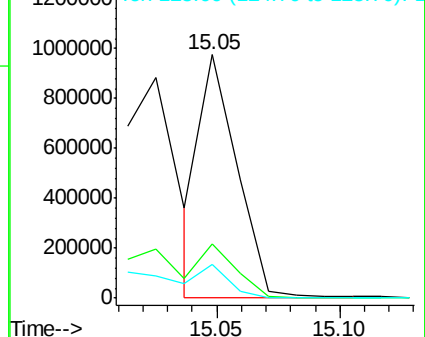
Ion Ratio Lower Upper

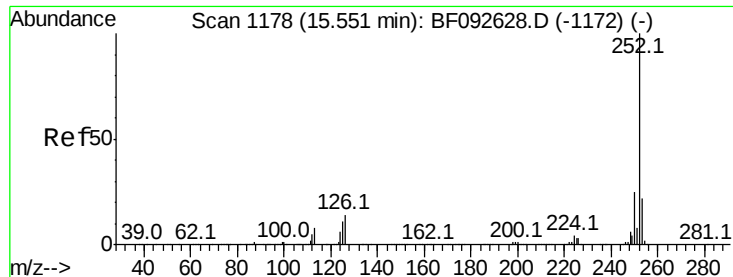
252 100

253 22.4 18.5 27.7

125 14.0 8.9 13.3#

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





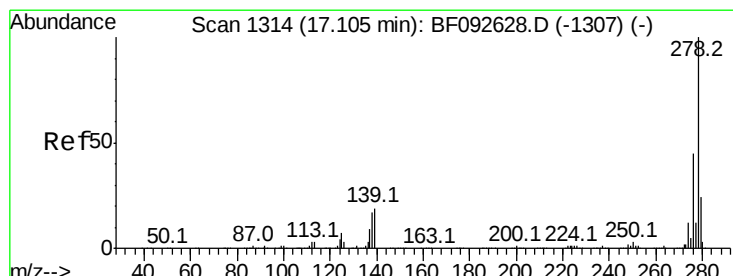
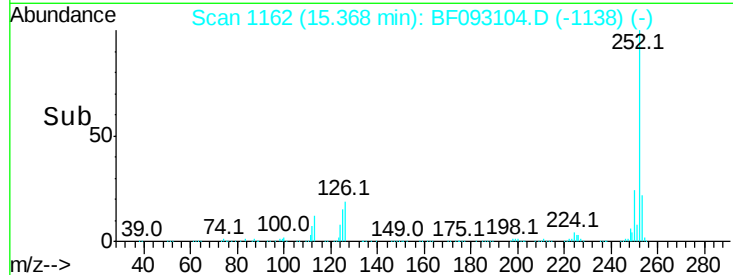
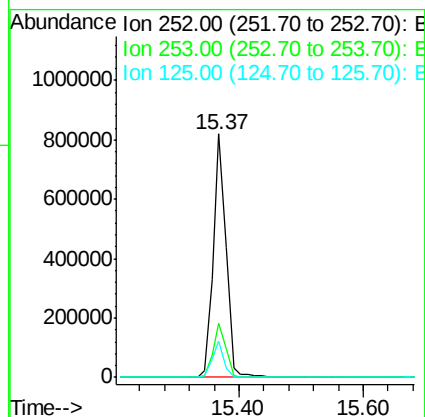
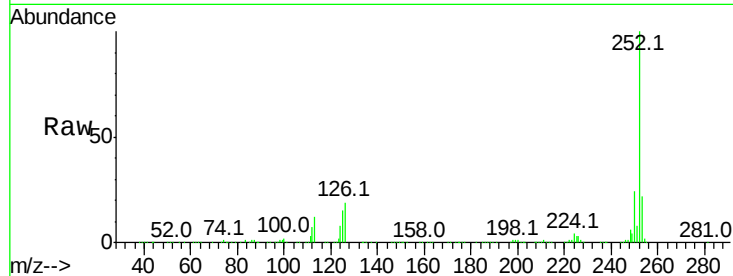
#89
Benzo(a)pyrene
Concen: 39.25 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	14.9	10.0	15.0

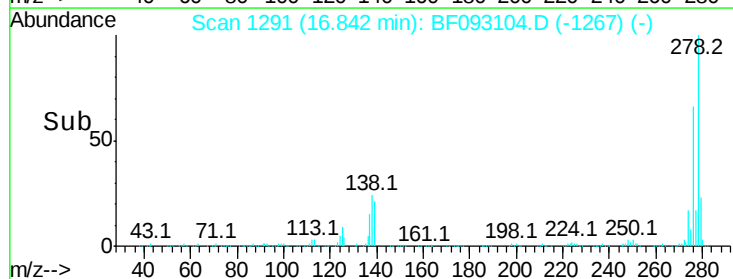
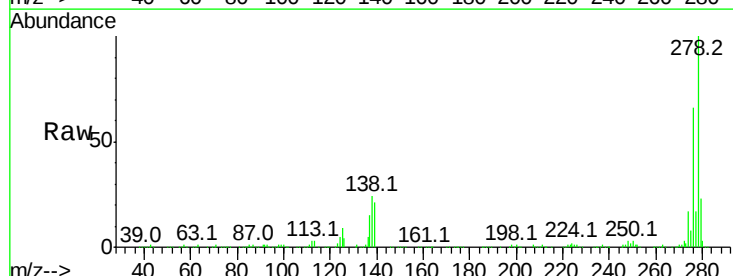
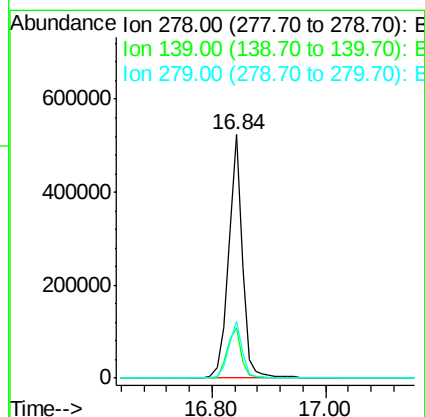
Manual Integrations
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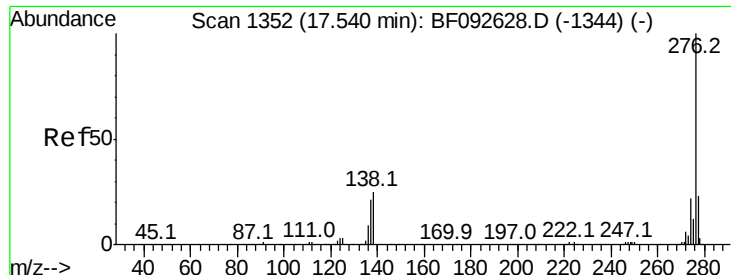
mohammad
2/24/2017 2:10:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.12 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093104.D
Acq: 23 Feb 2017 15:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	14.8	22.2
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.39 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF093104.D
 Acq: 23 Feb 2017 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	19.2	28.8
138	28.3	16.0	24.0

Manual Integrations
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