

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042017\
 Data File : BF094536.D
 Acq On : 20 Apr 2017 11:08
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/21/2017 11:35:54 AM

Quant Time: Apr 20 17:36:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	131882	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	526733	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	237279	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	442622	20.00	ng	0.00
75) Chrysene-d12	14.47	240	387398	20.00	ng	0.00
86) Perylene-d12	16.09	264	356931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	609058	76.62	ng	0.00
7) Phenol-d6	5.40	99	708959	75.65	ng	0.00
23) Nitrobenzene-d5	6.42	82	656330	76.94	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	156361	84.25	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1209571	75.00	ng	0.00
78) Terphenyl-d14	13.19	244	1098518	75.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	189029	40.89	ng	96
3) Pyridine	2.61	79	395802	39.17	ng	96
4) n-Nitrosodimethylamine	2.57	42	161909	38.73	ng	87
6) Aniline	5.40	93	459324	36.88	ng	91
8) 2-Chlorophenol	5.54	128	349635	38.65	ng	97
9) Benzaldehyde	5.27	77	233505	32.76	ng	98
10) Phenol	5.41	94	432564	37.57	ng	98
11) bis(2-Chloroethyl)ether	5.48	93	319077	37.94	ng	98
12) 1,3-Dichlorobenzene	5.70	146	386332	38.55	ng	99
13) 1,4-Dichlorobenzene	5.78	146	390324	38.71	ng	96
14) 1,2-Dichlorobenzene	5.96	146	358232	38.57	ng	97
15) Benzyl Alcohol	5.94	79	270002	38.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	424126	38.46	ng	87
17) 2-Methylphenol	6.09	107	274002	38.46	ng	95
18) Hexachloroethane	6.35	117	133420	38.60	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	243226	39.17	ng	98
20) 3+4-Methylphenols	6.27	107	377610	39.01	ng	# 63
22) Acetophenone	6.24	105	498940	38.96	ng	# 85
24) Nitrobenzene	6.44	77	350751	39.05	ng	91
25) Isophorone	6.73	82	621548	39.31	ng	95
26) 2-Nitrophenol	6.81	139	193294	40.05	ng	98
27) 2,4-Dimethylphenol	6.89	122	305472	38.97	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	395683	38.68	ng	99
29) 2,4-Dichlorophenol	7.11	162	290561	39.84	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	293162	38.88	ng	99
31) Naphthalene	7.29	128	976201	38.55	ng	100
32) Benzoic acid	7.08	122	200565	48.38	ng	97
33) 4-Chloroaniline	7.37	127	392579	37.27	ng	# 93
34) Hexachlorobutadiene	7.44	225	146258	38.91	ng	97
35) Caprolactam	7.82	113	95876m	41.85	ng	
36) 4-Chloro-3-methylphenol	7.98	107	295219	38.63	ng	88
37) 2-Methylnaphthalene	8.13	142	668021	38.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	265653	39.32	ng	99
40) Hexachlorocyclopentadiene	8.32	237	118394	43.31	ng	100

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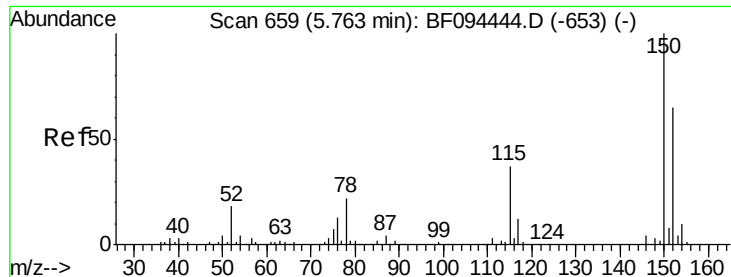
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	184874	38.96	nq	96
43) 2,4,5-Trichlorophenol	8.54	196	193370	39.68	nq	94
45) 1,1'-Biphenyl	8.70	154	749665	38.67	nq	98
46) 2-Chloronaphthalene	8.72	162	599547	38.89	nq	94
47) 2-Nitroaniline	8.85	65	178962	40.36	nq	87
48) Acenaphthylene	9.22	152	916733	38.15	nq	98
49) Dimethylphthalate	9.10	163	710049	40.15	nq	99
50) 2,6-Dinitrotoluene	9.16	165	158992	40.06	nq	# 88
51) Acenaphthene	9.44	154	556417	38.66	nq	100
52) 3-Nitroaniline	9.37	138	177880	38.74	nq	95
53) 2,4-Dinitrophenol	9.50	184	84618	42.22	nq	# 70
54) Dibenzofuran	9.65	168	818820	39.14	nq	98
55) 4-Nitrophenol	9.62	139	118737	36.60	nq	# 72
56) 2,4-Dinitrotoluene	9.66	165	204196	41.93	nq	# 89
57) Fluorene	10.07	166	641800	39.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	144385	41.34	nq	97
59) Diethylphthalate	9.96	149	675818	40.51	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	275018	40.57	nq	94
61) 4-Nitroaniline	10.12	138	165923	35.54	nq	97
62) Azobenzene	10.27	77	656321	40.51	nq	96
64) 4,6-Dinitro-2-methylphenol	10.16	198	120755	41.64	nq	# 76
65) n-Nitrosodiphenylamine	10.23	169	581395	37.77	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	169112	38.48	nq	98
67) Hexachlorobenzene	10.75	284	169328	38.23	nq	# 86
68) Atrazine	10.91	200	183043	39.75	nq	97
69) Pentachlorophenol	11.00	266	85016	48.34	nq	99
70) Phenanthrene	11.25	178	949060	38.08	nq	98
71) Anthracene	11.31	178	990453	38.42	nq	99
72) Carbazole	11.52	167	941856	38.92	nq	98
73) Di-n-butylphthalate	11.97	149	1082747	40.64	nq	99
74) Fluoranthene	12.71	202	1009489	39.08	nq	99
76) Benzidine	12.88	184	531614	33.89	nq	95
77) Pyrene	12.98	202	1027647	37.97	nq	98
79) Butylbenzylphthalate	13.81	149	474185	39.98	nq	90
80) Benzo(a)anthracene	14.45	228	885553	39.33	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	311017	39.02	nq	# 97
82) Chrysene	14.50	228	803158	39.03	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	662048	41.57	nq	# 100
84) Di-n-octyl phthalate	15.28	149	1136181	42.53	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	805119	41.12	nq	99
87) Benzo(b)fluoranthene	15.69	252	892515	40.88	nq	98
88) Benzo(k)fluoranthene	15.72	252	745499m	36.08	nq	
89) Benzo(a)pyrene	16.04	252	792942	39.04	nq	100
90) Dibenzo(a,h)anthracene	17.38	278	665907	39.48	nq	99
91) Benzo(g,h,i)perylene	17.74	276	650962	37.91	nq	97

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



#1

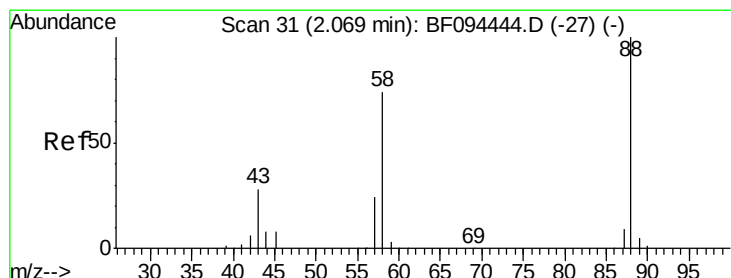
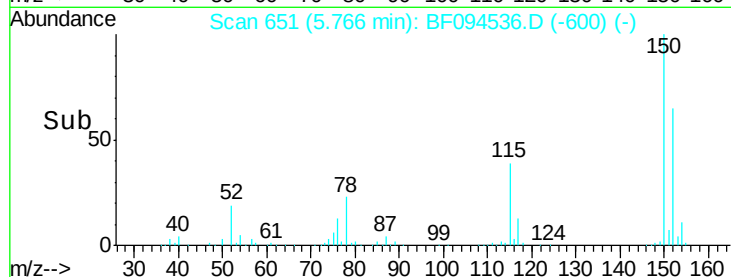
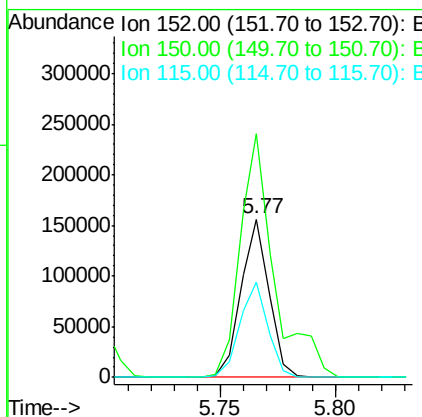
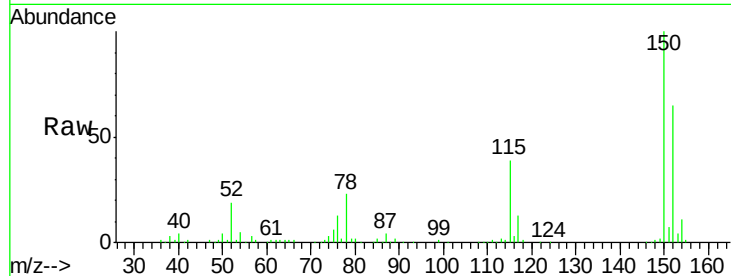
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	60.1	52.2	78.2

Manual Integrations
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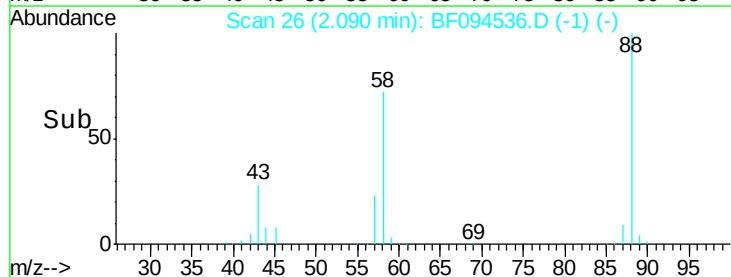
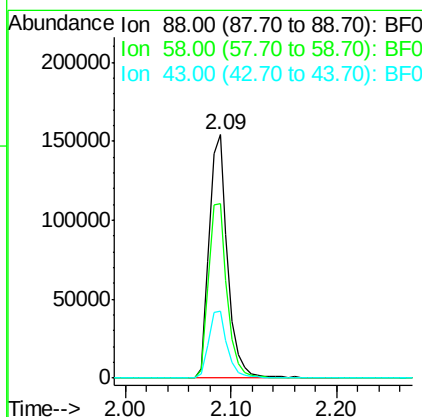
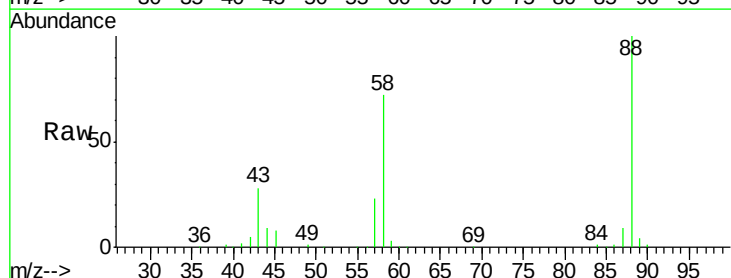
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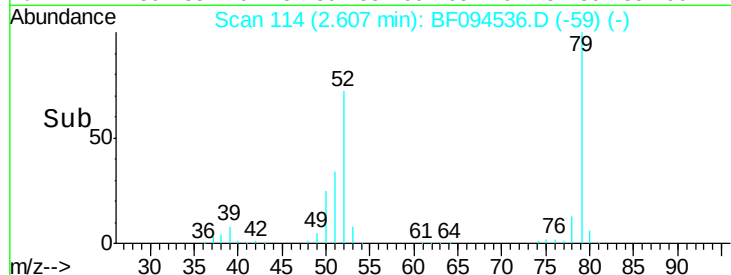
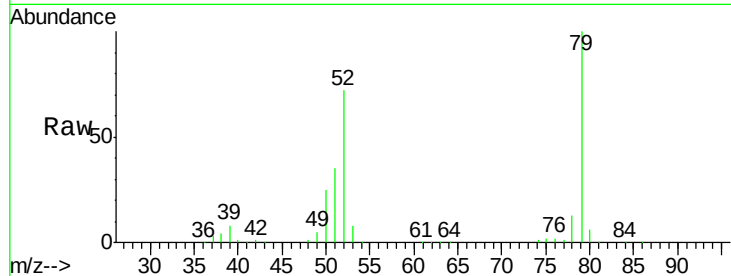
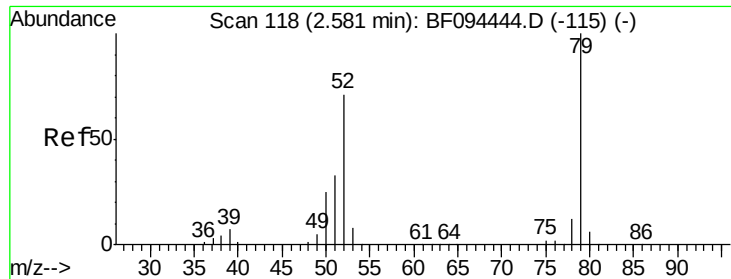


#2

1,4-Dioxane
Concen: 40.89 ng
RT: 2.09 min Scan# 26
Delta R.T. 0.02 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	61.4	92.0
43	27.8	23.4	35.0





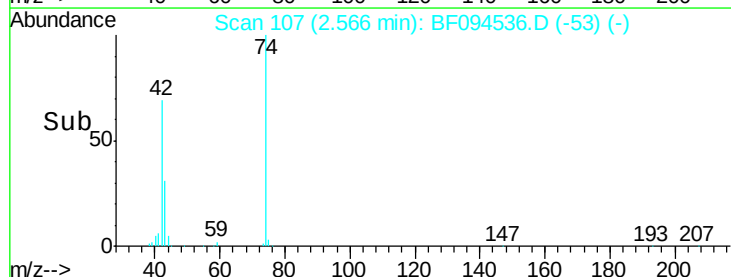
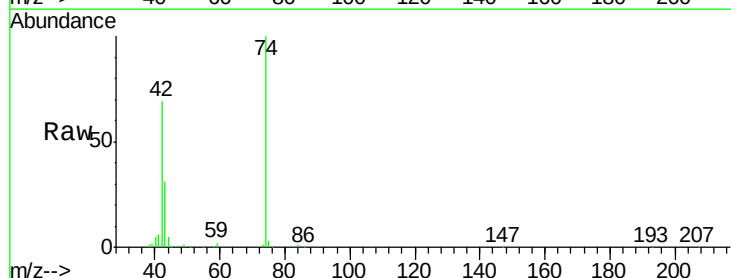
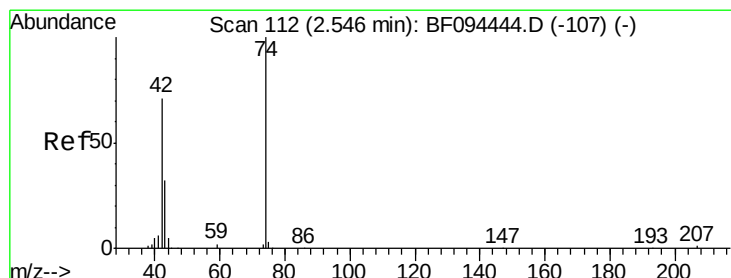
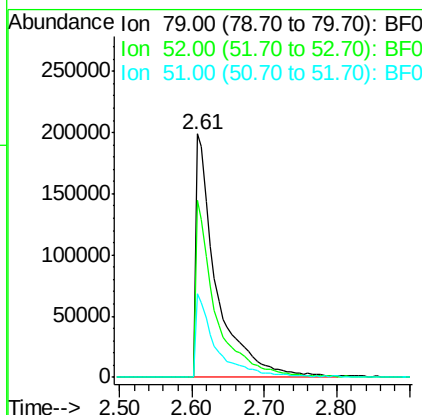
#3
 Pvridine
 Concen: 39.17 ng
 RT: 2.61 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		395802		
52	72.5	54.8		82.2	
51	34.6	27.0		40.4	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

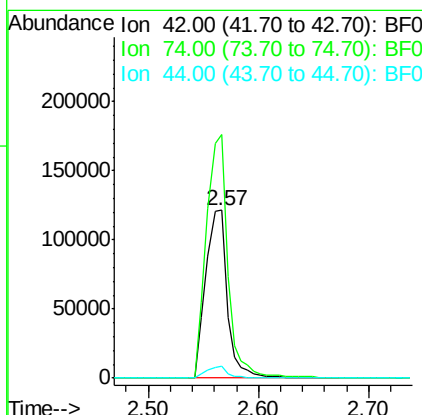
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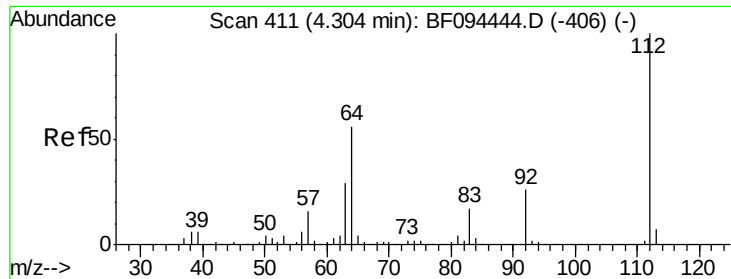
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#4
 n-Nitrosodimethylamine
 Concen: 38.73 ng
 RT: 2.57 min Scan# 107
 Delta R.T. 0.02 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		161909		
74	145.3	103.9		155.9	
44	7.1	5.7		8.5	





#5

2-Fluorophenol

Concen: 76.62 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

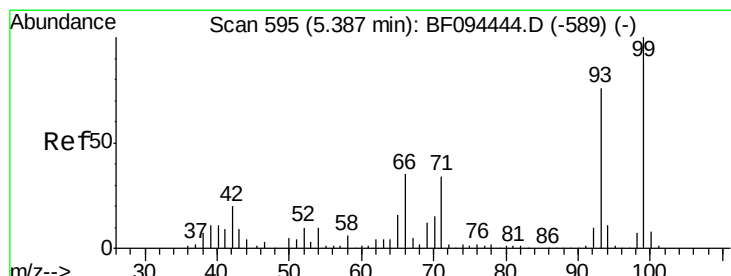
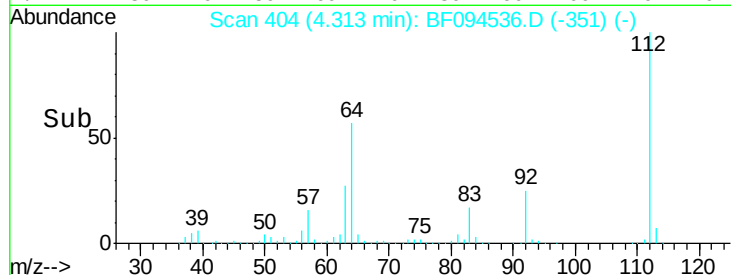
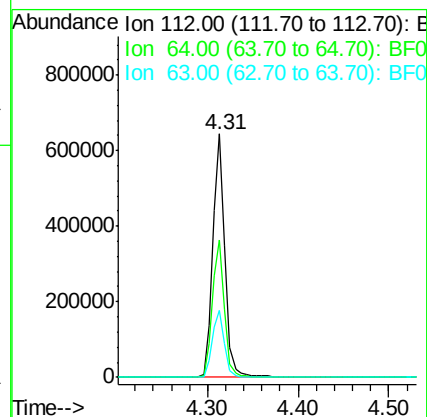
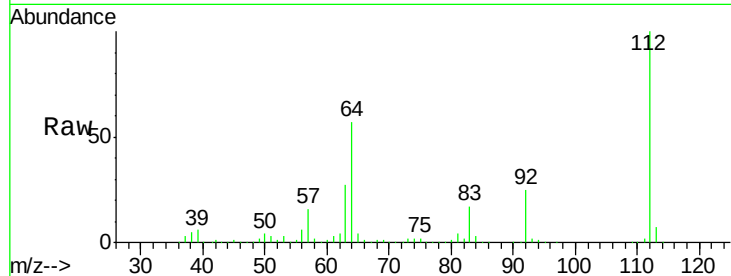
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	609058
Ion Ratio	Lower	Upper	
112	100		
64	56.6	46.0	69.0
63	27.5	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 36.88 ng

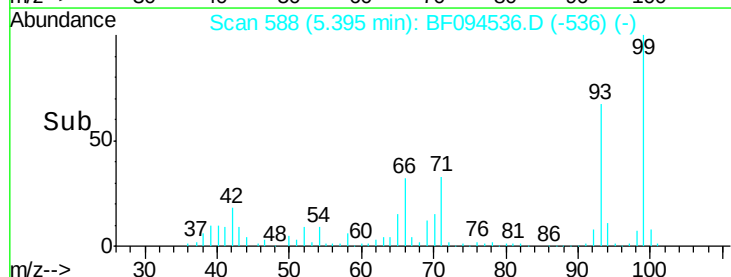
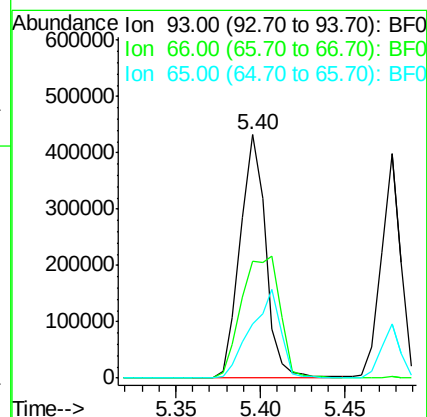
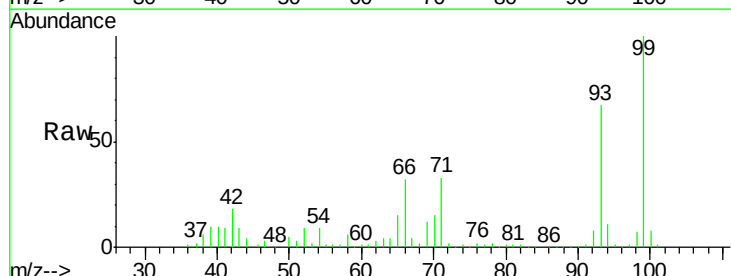
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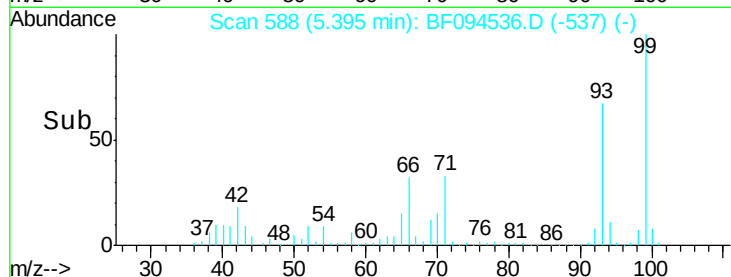
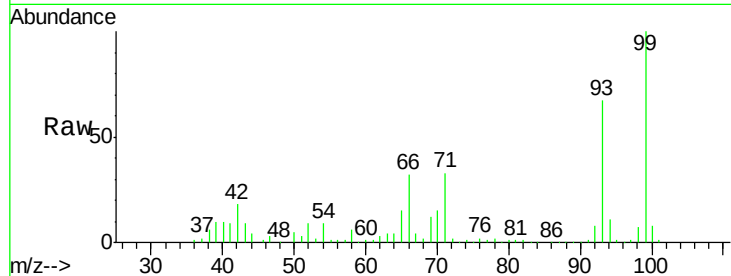
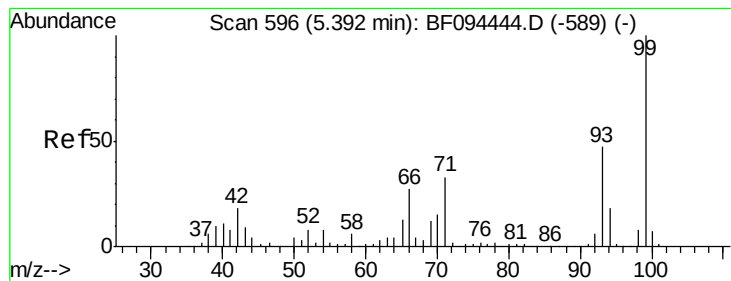
Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	93	Resp:	459324
Ion Ratio	Lower	Upper	
93	100		
66	48.0	32.9	49.3
65	22.2	16.0	24.0





#7

Phenol-d6

Concen: 75.65 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tot Ion:	99	Resp:	708959
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.5	20.3
71	33.2	24.5	36.7

Instrument :

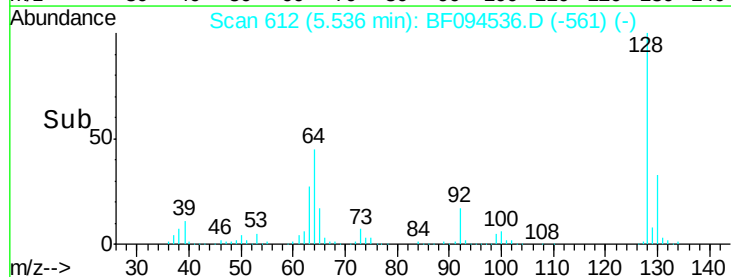
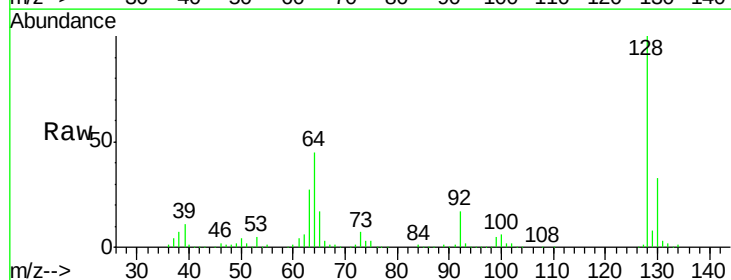
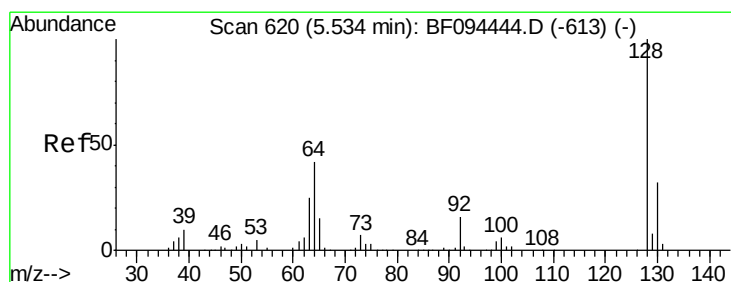
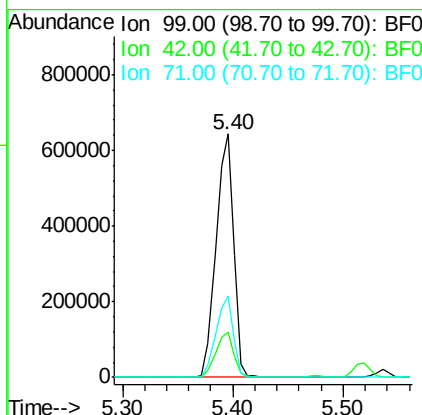
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#8

2-Chlorophenol

Concen: 38.65 ng

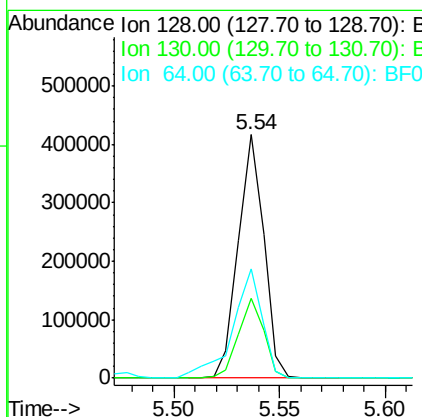
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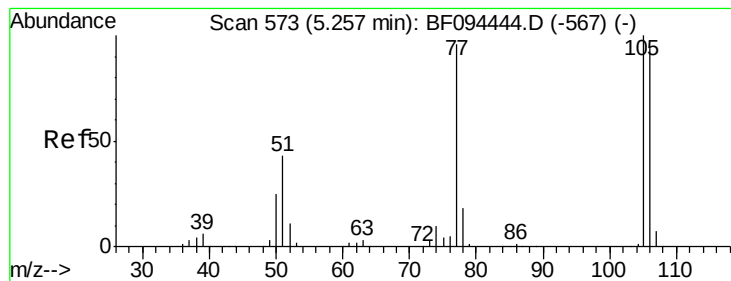
Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	128	Resp:	349635
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	44.8	28.4	68.4





#9

Benzaldehyde

Concen: 32.76 ng

RT: 5.27 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

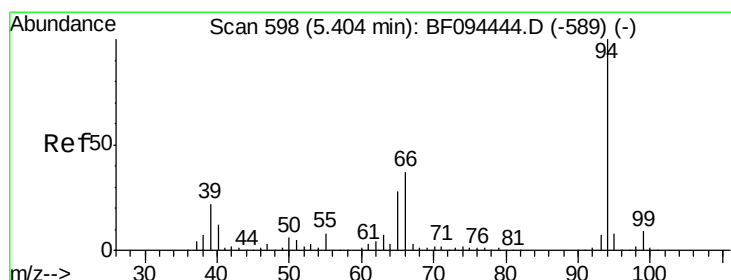
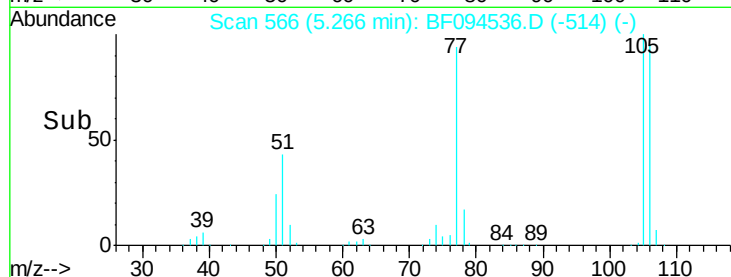
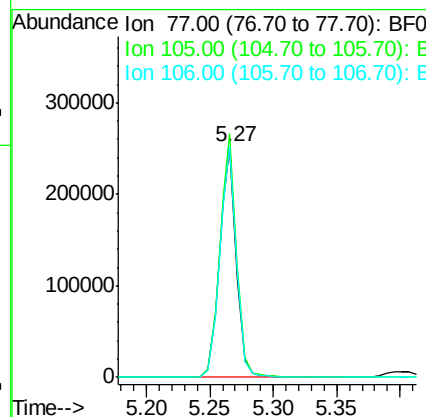
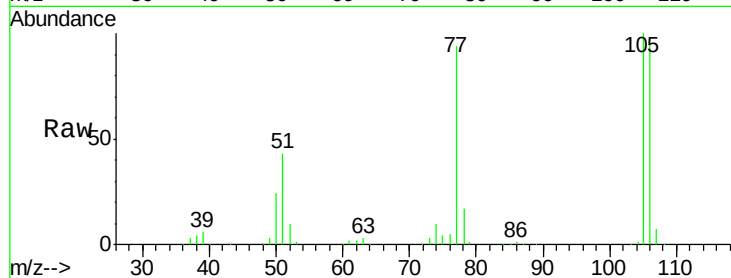
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	233505
Ion	Ratio	Lower	Upper
77	100		
105	106.0	83.8	123.8
106	100.7	79.1	119.1

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#10

Phenol

Concen: 37.57 ng

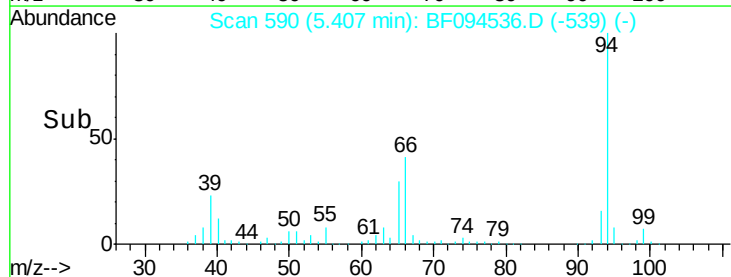
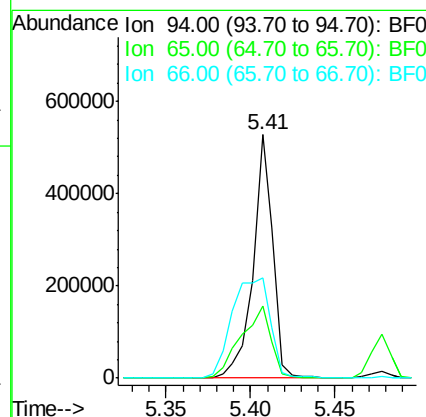
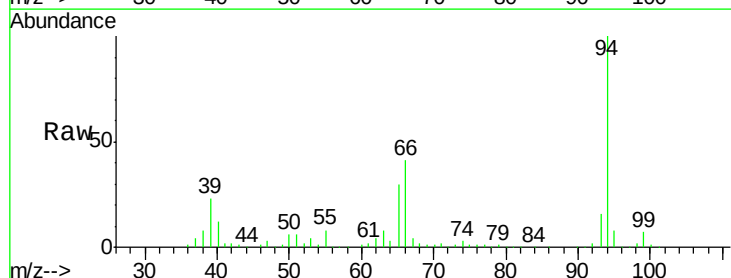
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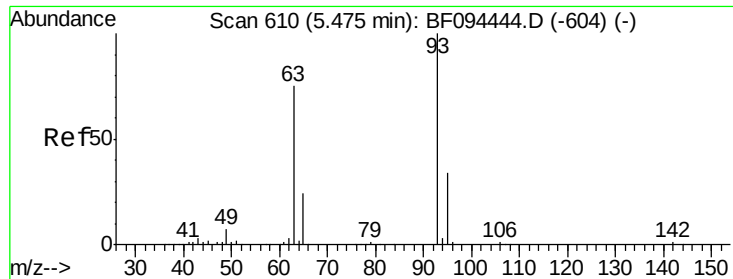
Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	94	Resp:	432564
Ion	Ratio	Lower	Upper
94	100		
65	29.8	9.9	49.9
66	41.2	23.1	63.1





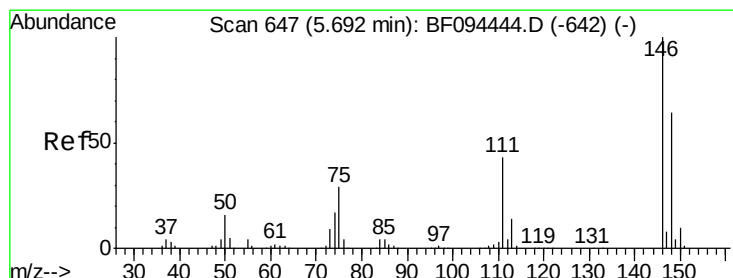
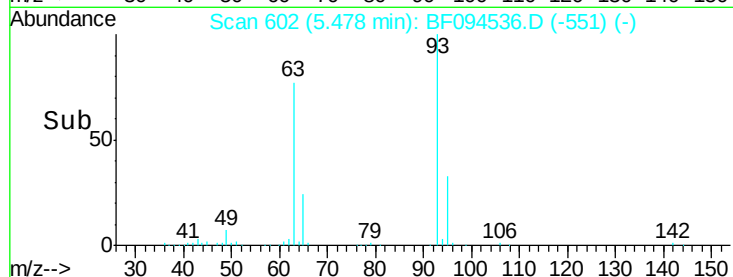
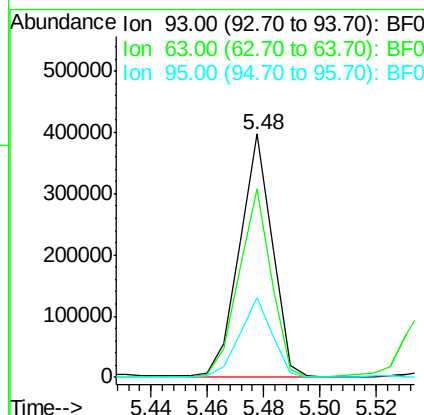
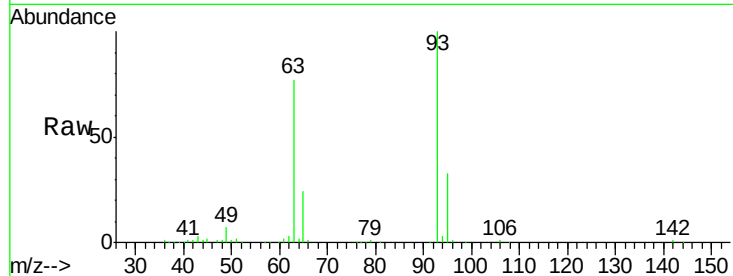
#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 5.48 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.3	59.2	99.2
95	32.5	12.8	52.8

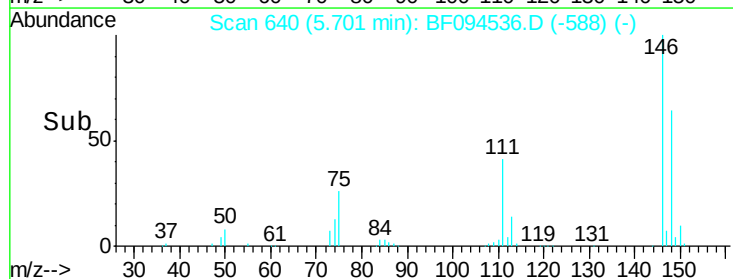
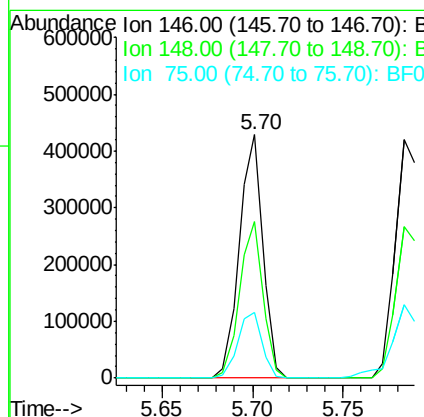
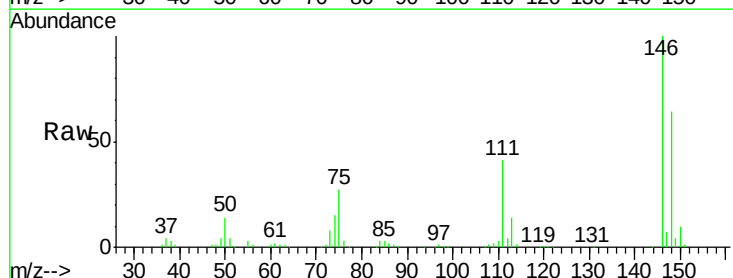
Manual Integrations
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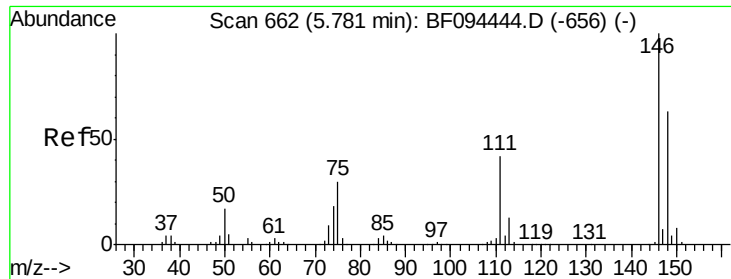
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.55 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
75	27.2	23.1	34.7





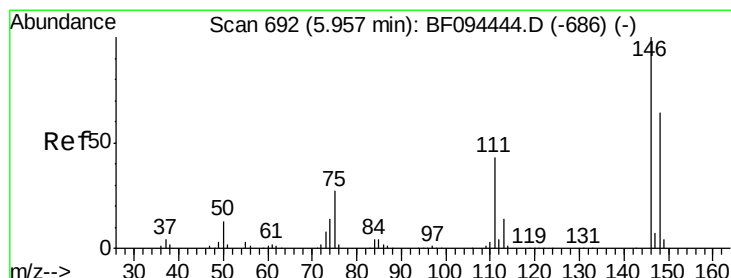
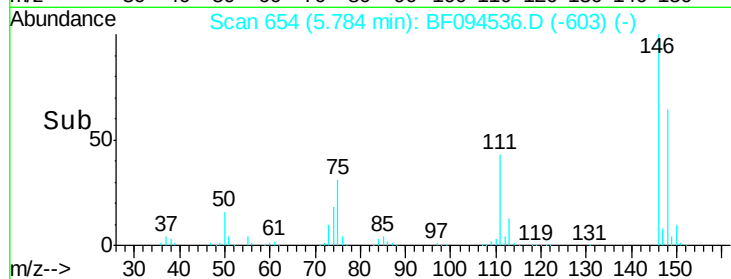
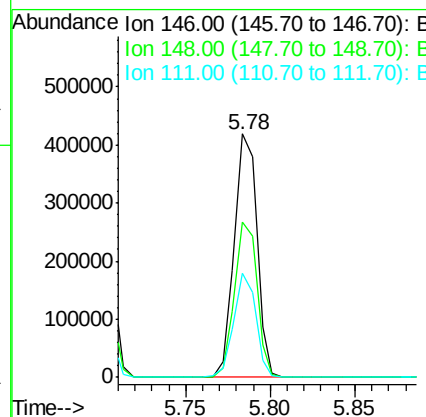
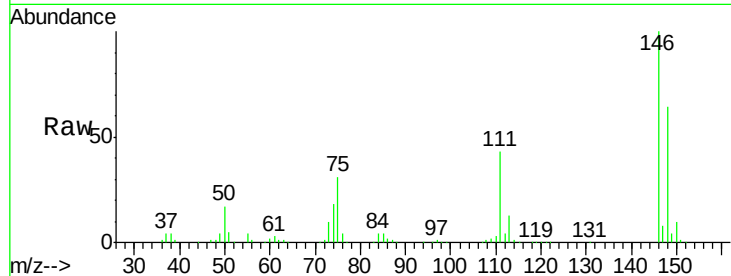
#13
 1,4-Dichlorobenzene
 Concen: 38.71 ng
 RT: 5.78 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	42.7	30.3	45.5

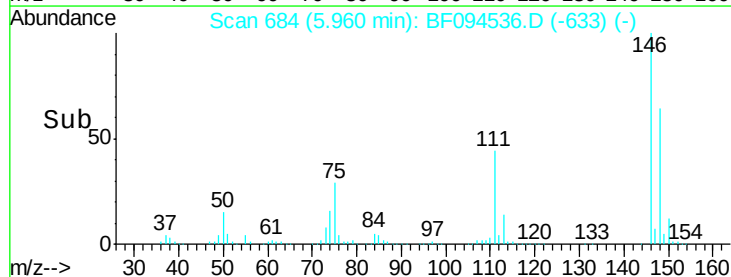
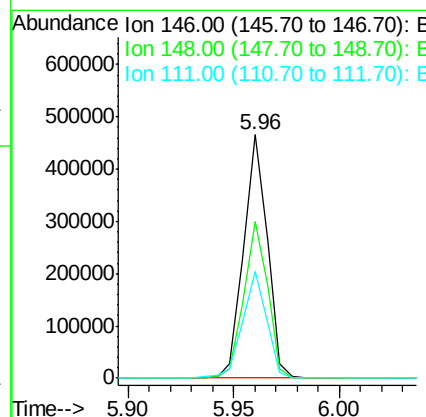
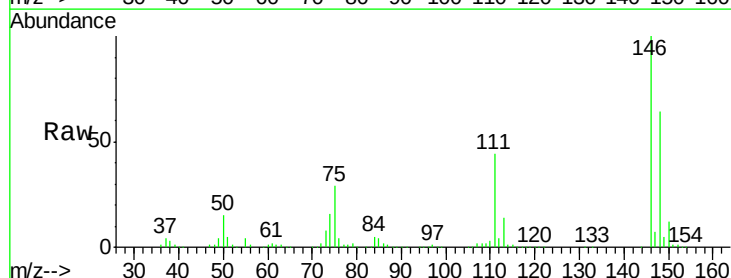
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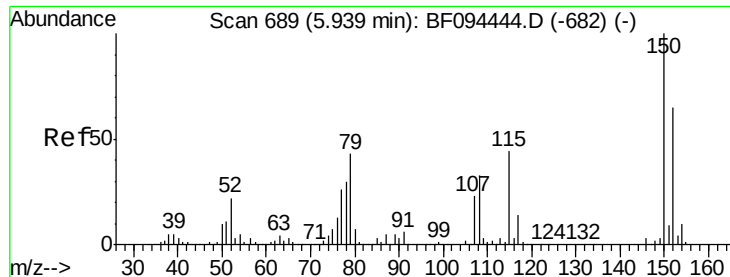
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.57 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	43.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 5.94 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 270002

Ion Ratio Lower Upper

79 100

108 76.2 63.4 95.0

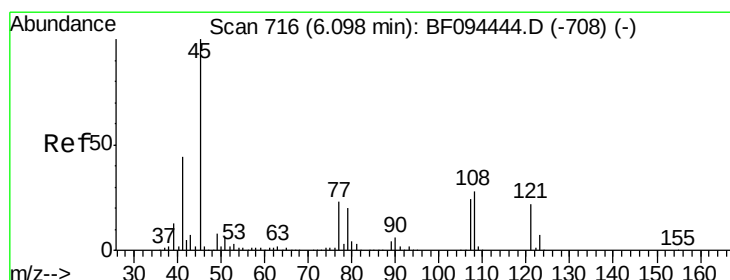
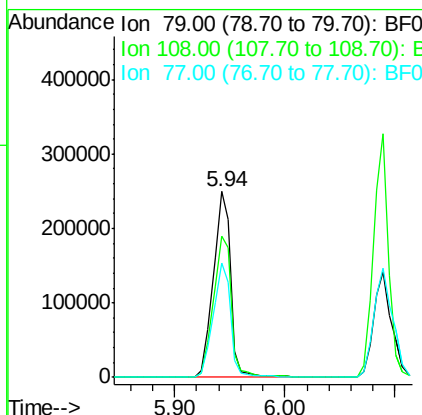
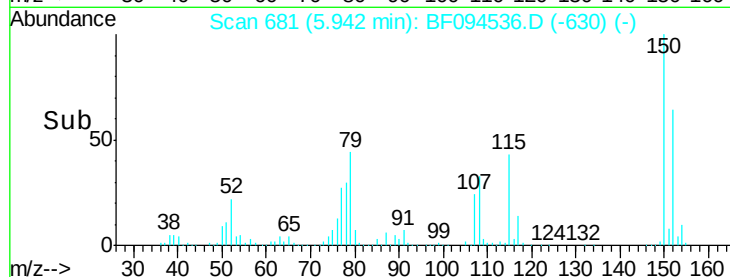
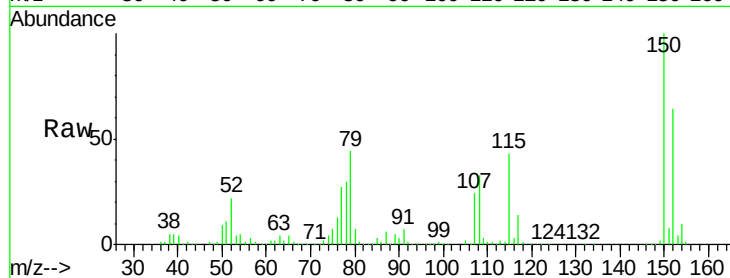
77 61.9 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.46 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

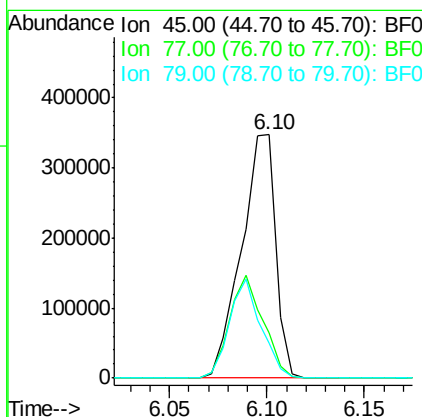
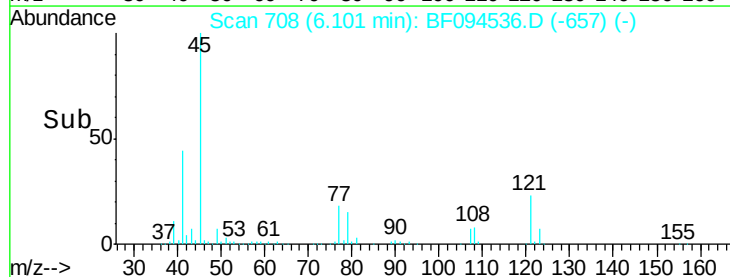
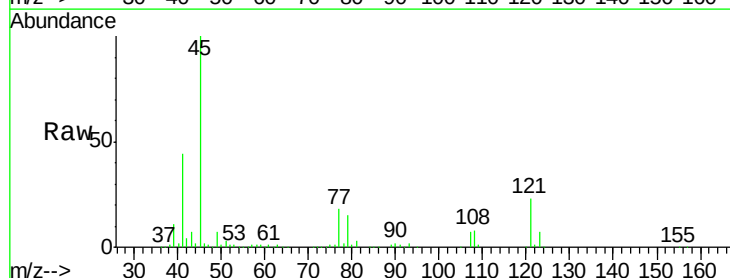
Tgt Ion: 45 Resp: 424126

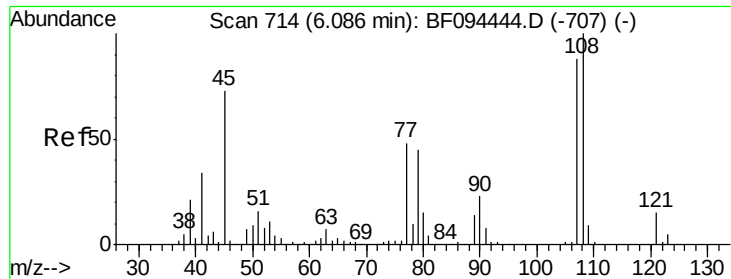
Ion Ratio Lower Upper

45 100

77 18.4 0.0 33.2

79 14.6 0.0 30.0





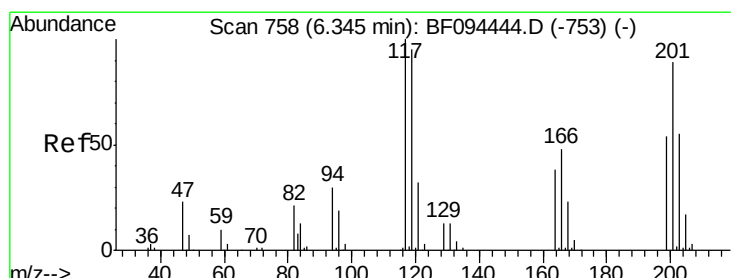
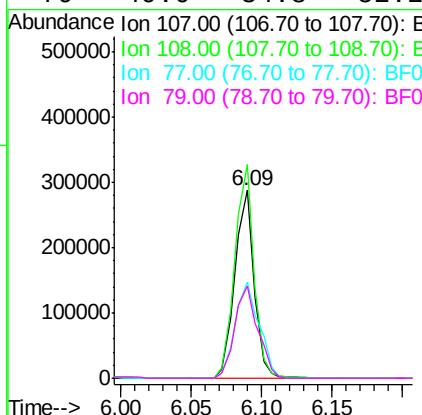
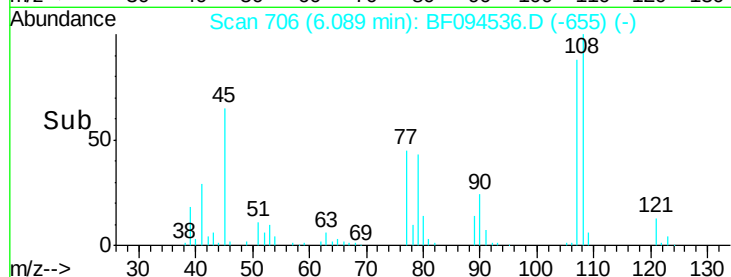
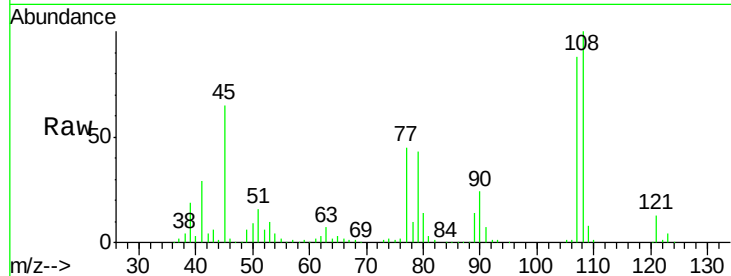
#17
2-Methylphenol
Concen: 38.46 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.4	140.0
77	50.9	35.8	53.6
79	49.0	34.8	52.2

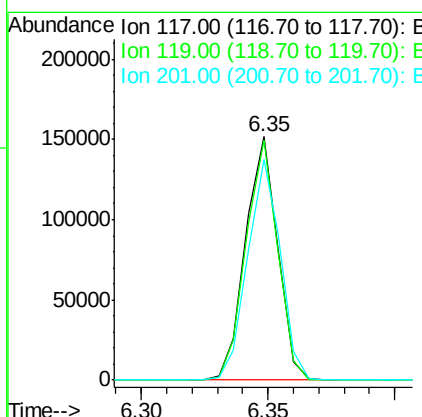
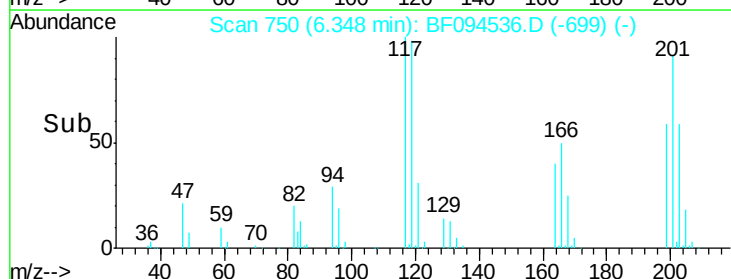
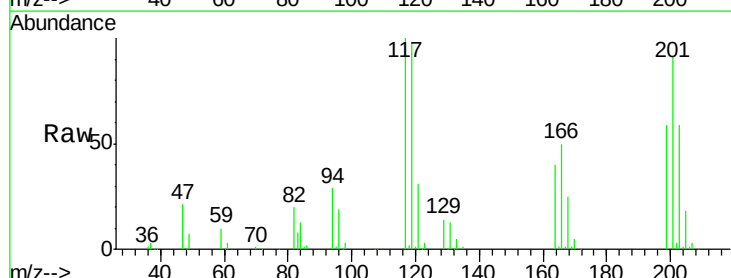
Manual Integrations
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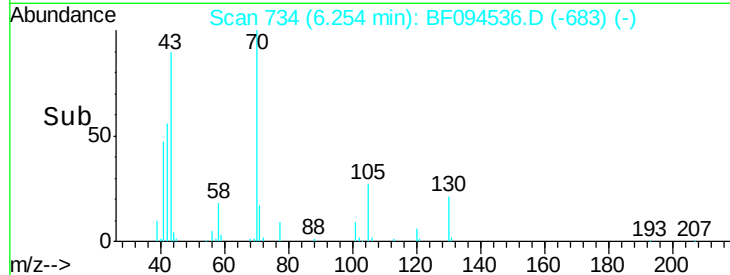
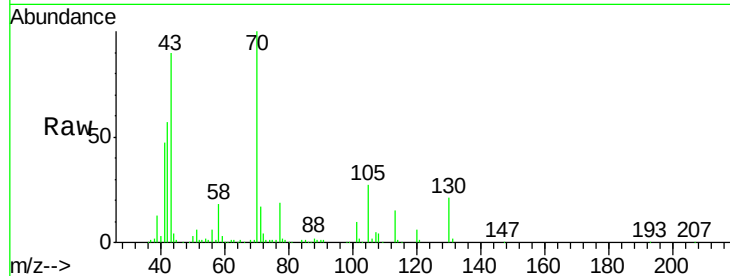
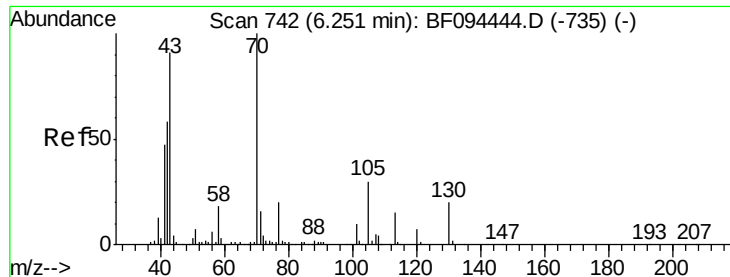
mohammad
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#18
Hexachloroethane
Concen: 38.60 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
201	90.7	94.6	141.8#





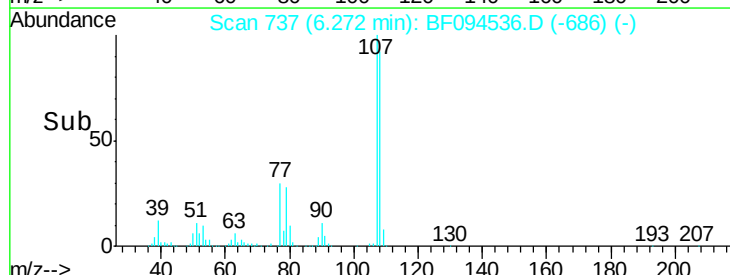
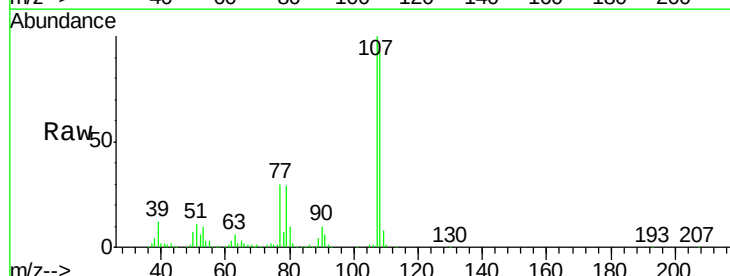
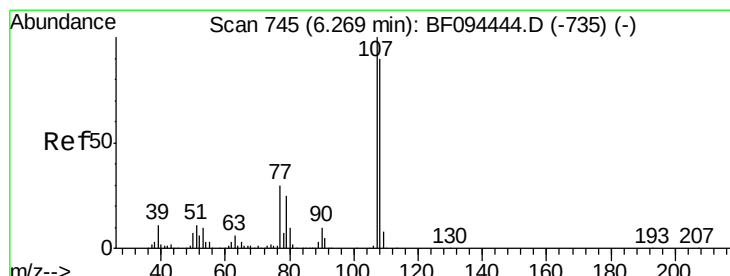
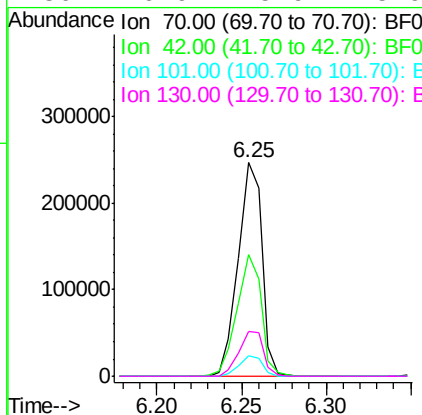
#19
n-Nitroso-di-n-propylamine
Concen: 39.17 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.0	47.2	70.8	
101	9.6	7.2	10.8	
130	20.9	15.9	23.9	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

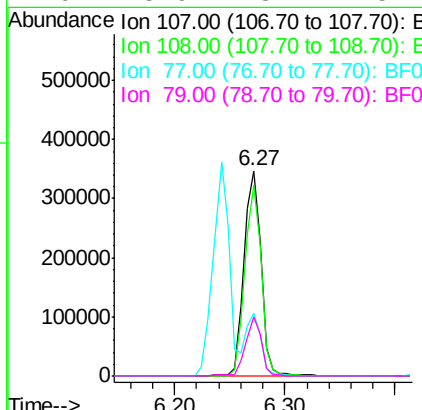
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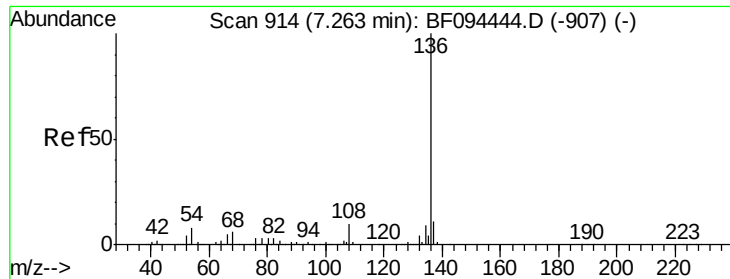
mohammad
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#20
3+4-Methylphenols
Concen: 39.01 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.8	71.0	111.0	
77	30.5	90.5	130.5	
79	28.9	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

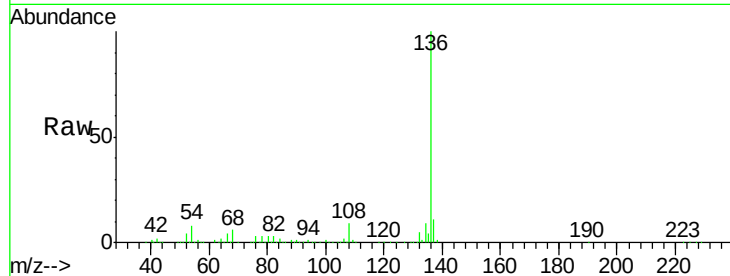
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		526733		
137	11.0		8.5	12.7	
54	7.5		4.9	7.3	
68	5.6		4.1	6.1	

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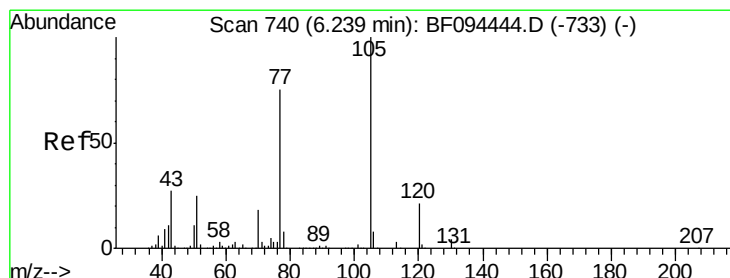
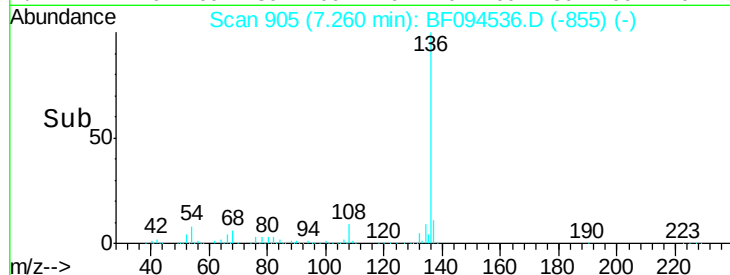
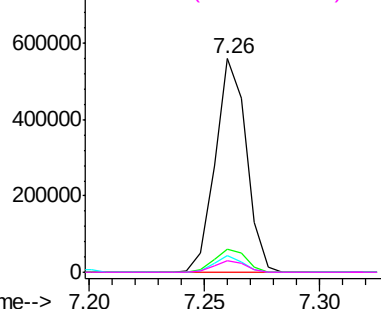
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.96 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		498940		
71	1.5		2.8	4.2	
51	24.8		30.7	46.1	
120	20.7		17.4	26.0	

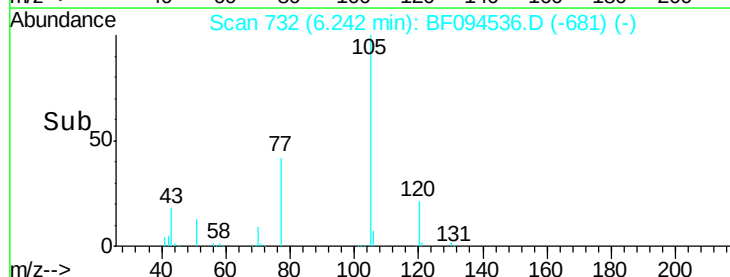
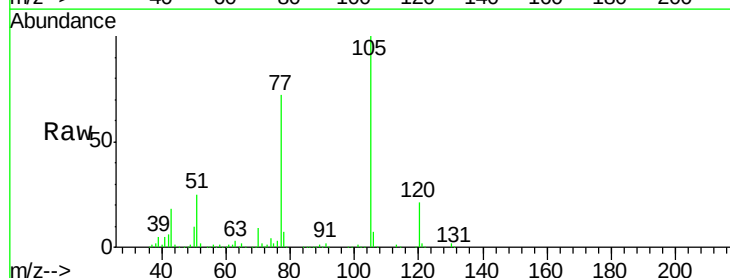
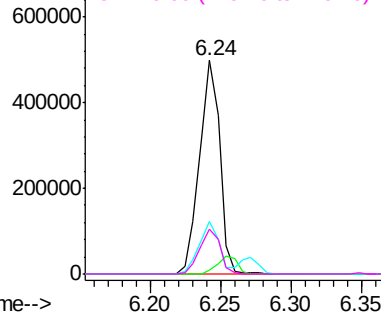
Abundance

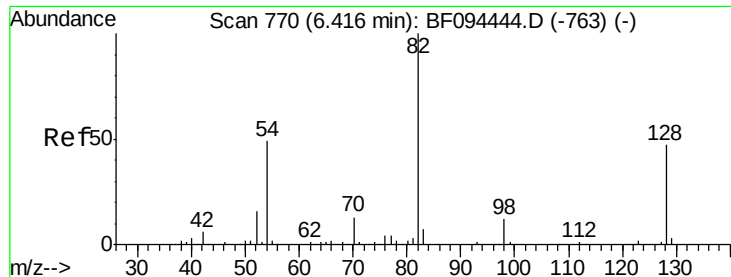
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.94 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

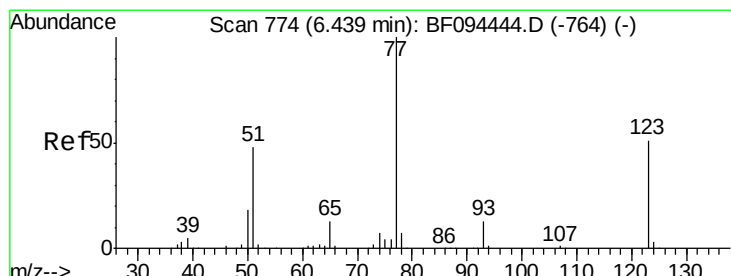
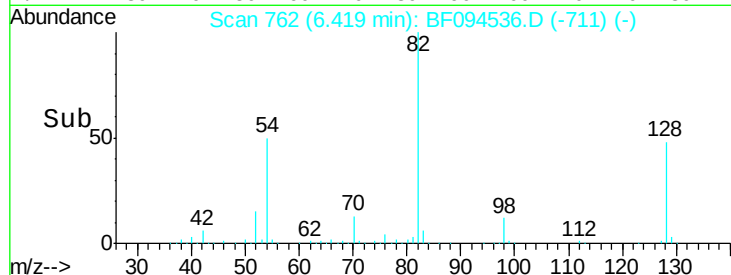
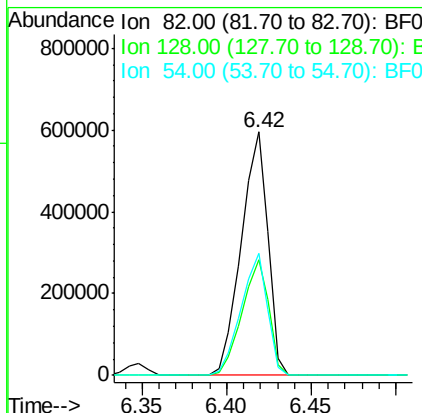
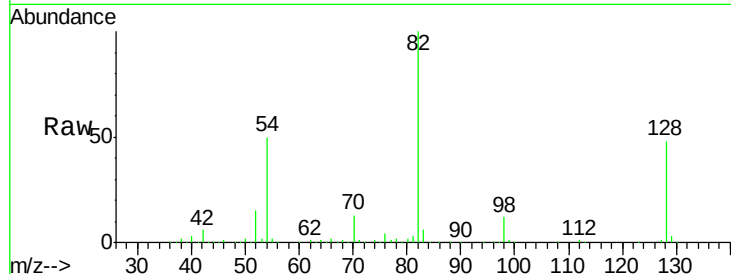
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	656330
Ion Ratio	Lower	Upper	
82	100		
128	47.5	34.0	51.0
54	49.9	42.2	63.2

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#24

Nitrobenzene

Concen: 39.05 ng

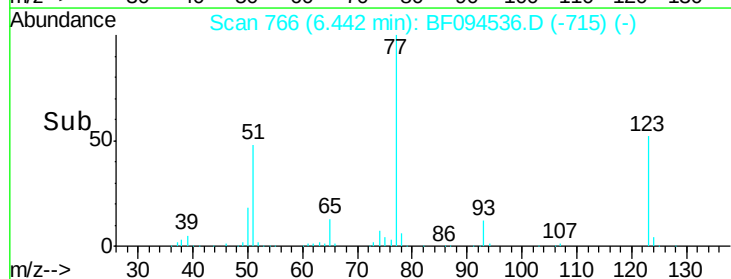
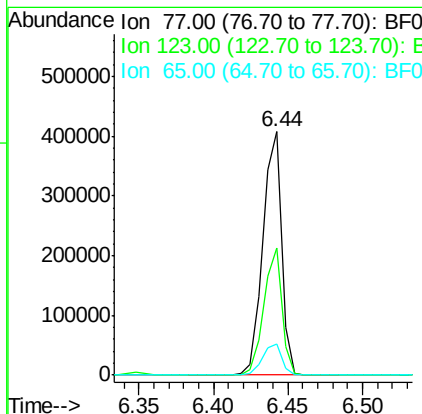
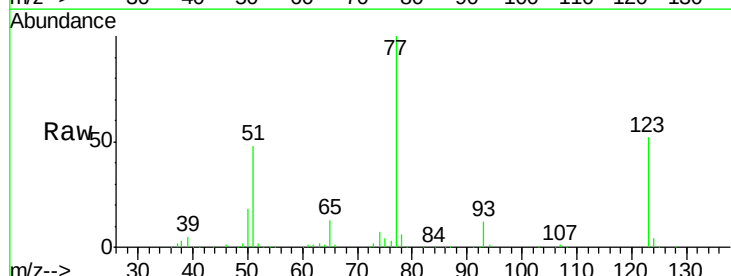
RT: 6.44 min Scan# 766

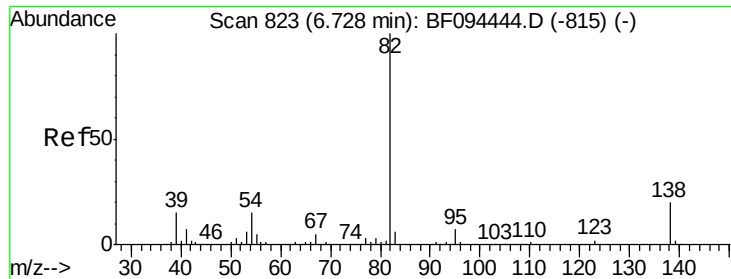
Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	77	Resp:	350751
Ion Ratio	Lower	Upper	
77	100		
123	52.5	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 39.31 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

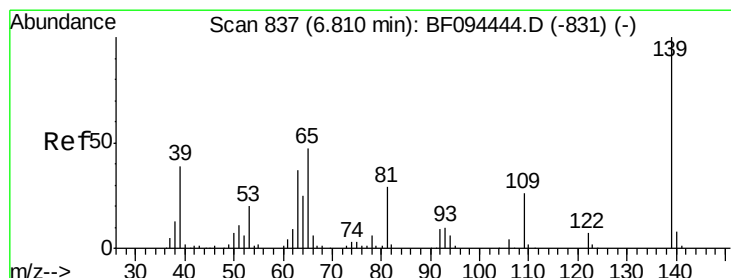
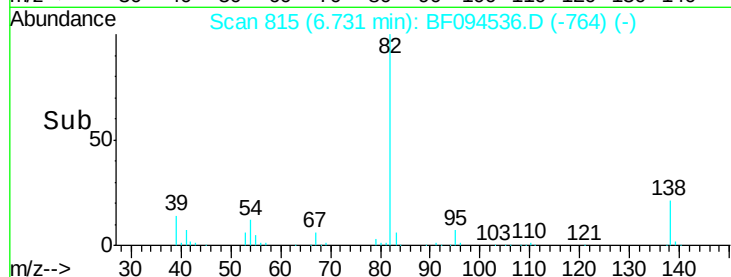
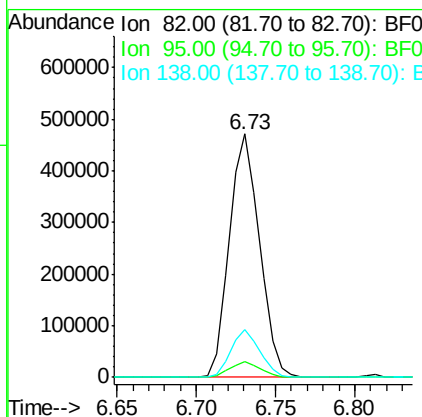
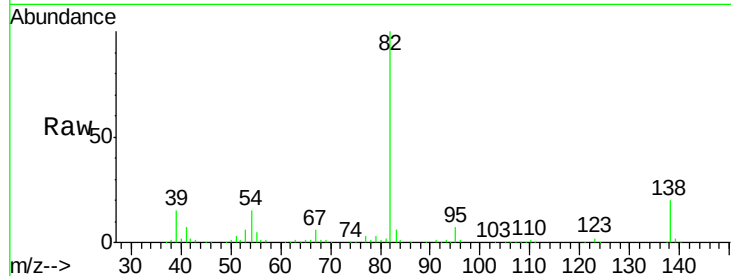
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	621548
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.3	7.9
138	19.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.05 ng

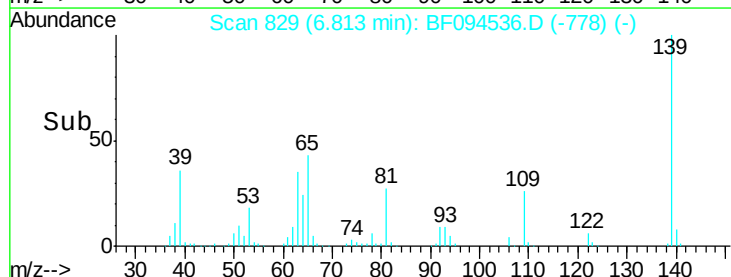
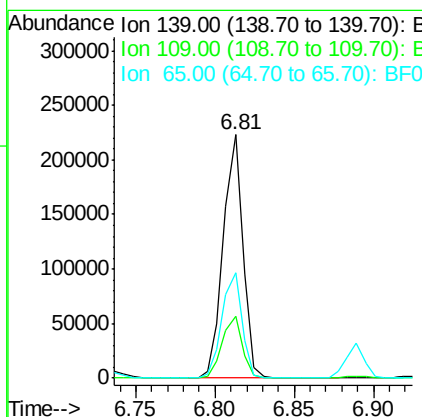
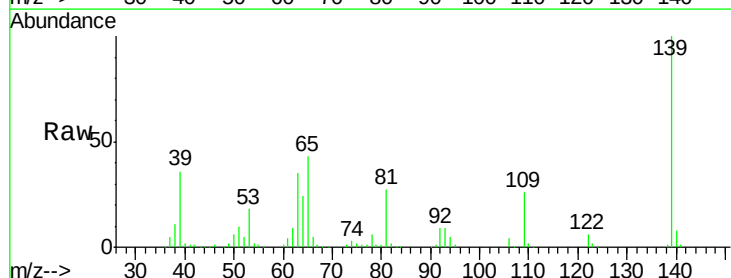
RT: 6.81 min Scan# 829

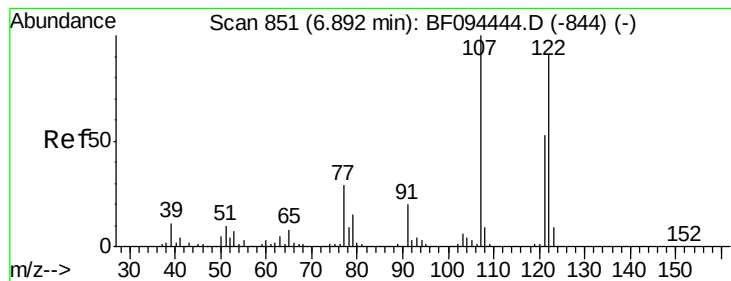
Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	139	Resp:	193294
Ion Ratio		Lower	Upper
139	100		
109	25.5	21.0	31.6
65	43.1	33.0	49.6





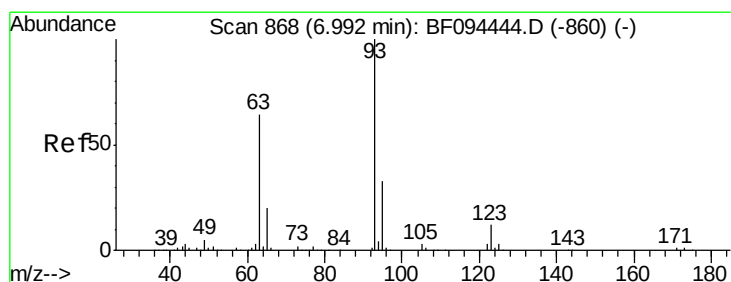
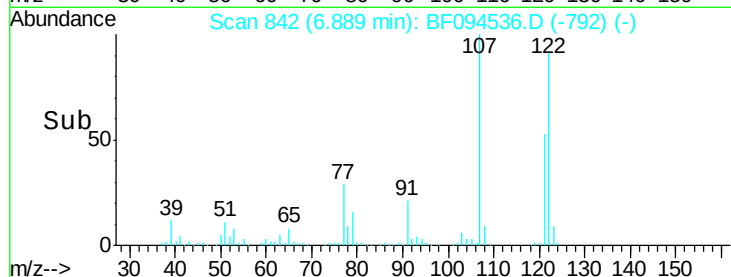
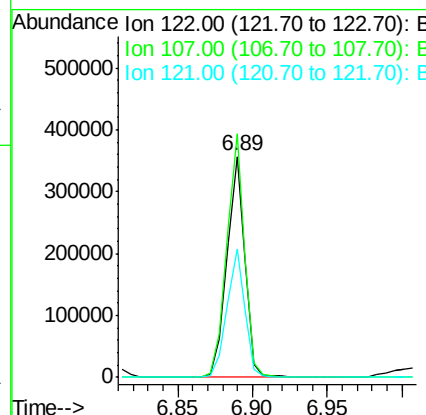
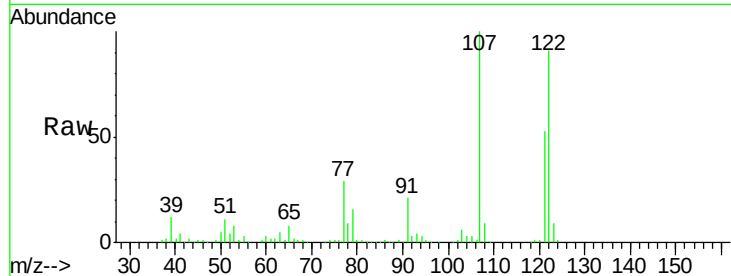
#27
 2,4-Dimethylphenol
 Concen: 38.97 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	89.2	133.8
121	57.9	45.2	67.8

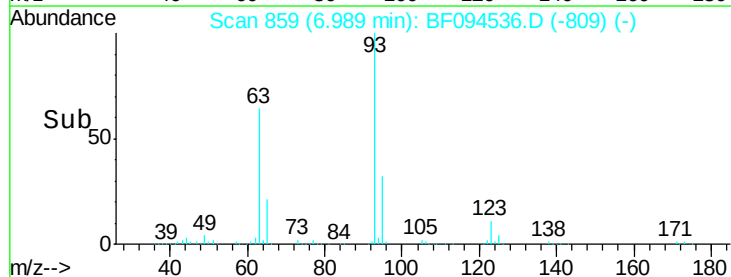
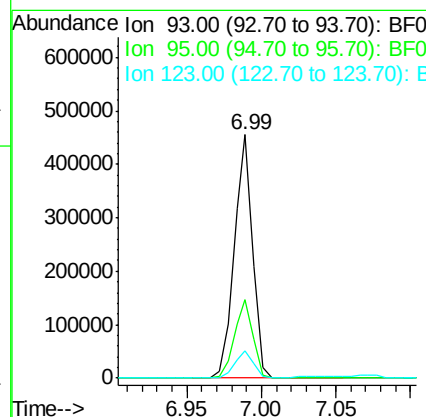
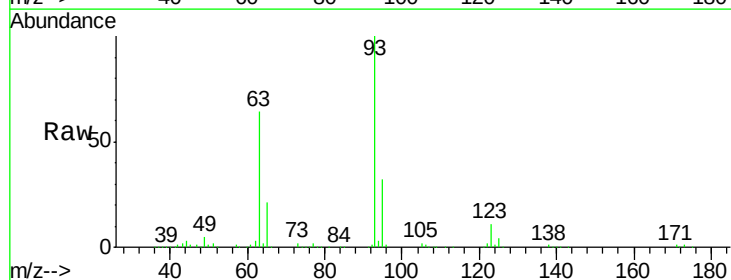
Manual Integrations
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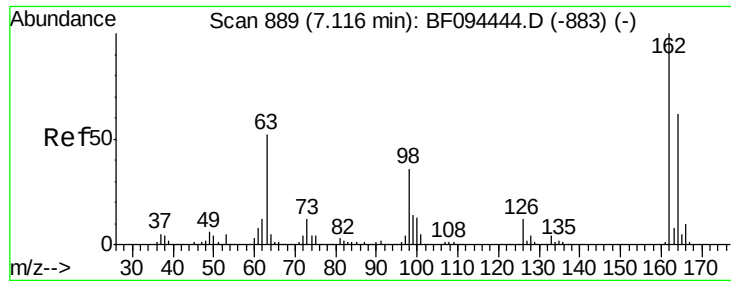
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.68 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	11.3	9.0	13.4





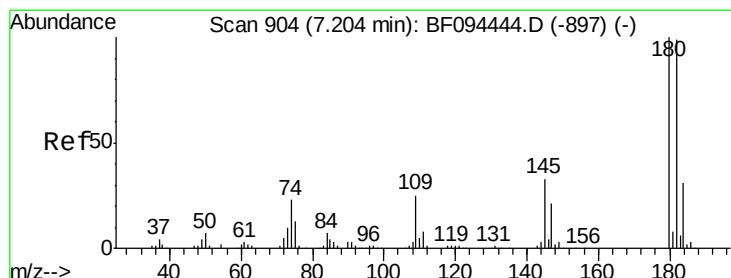
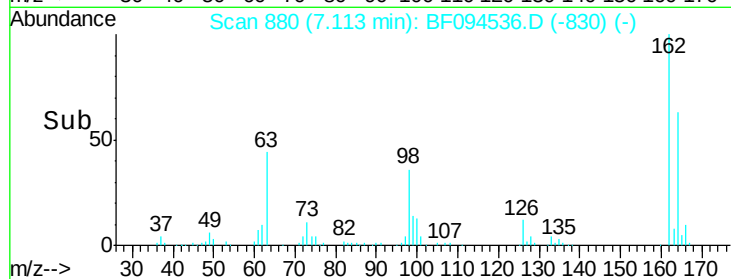
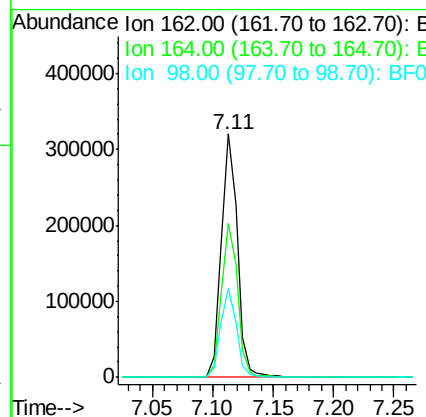
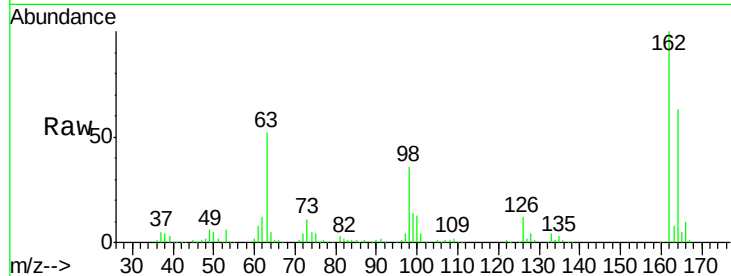
#29
 2,4-Dichlorophenol
 Concen: 39.84 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		290561		
164	63.3	44.6	84.6		
98	36.2	14.8	54.8		

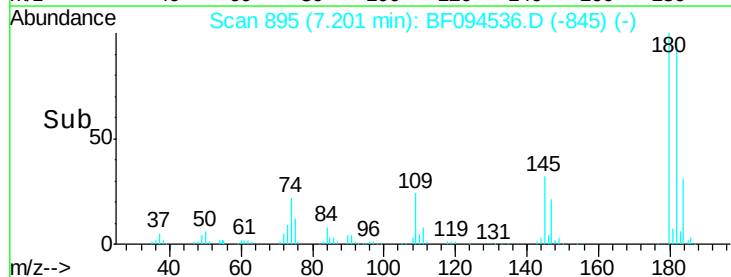
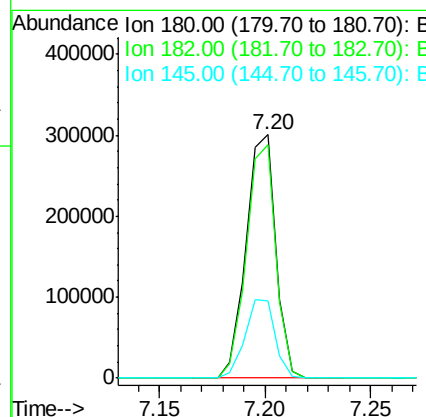
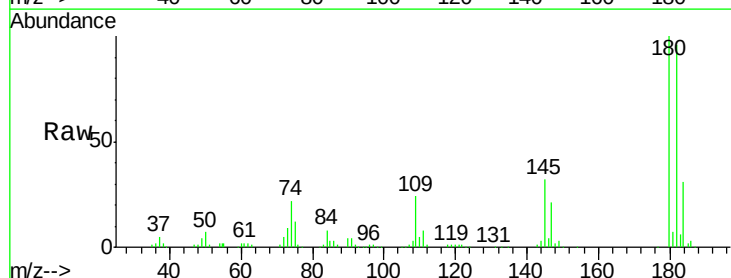
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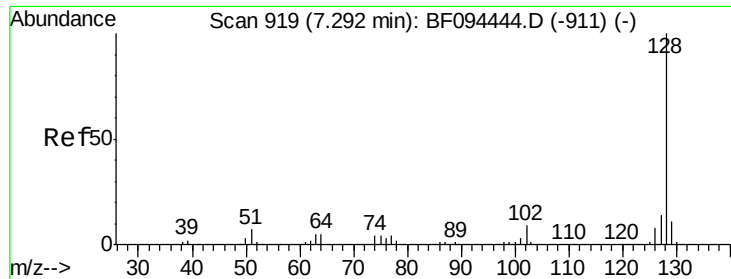
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		293162		
182	95.9	75.8	113.6		
145	31.9	25.3	37.9		





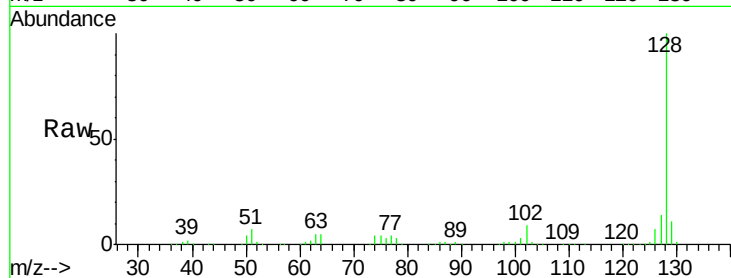
#31
Naphthalene
Concen: 38.55 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	10.8	16.2

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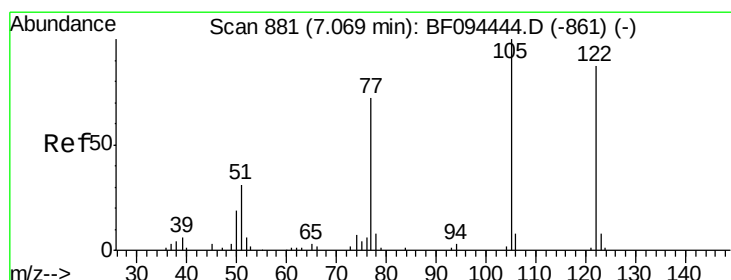
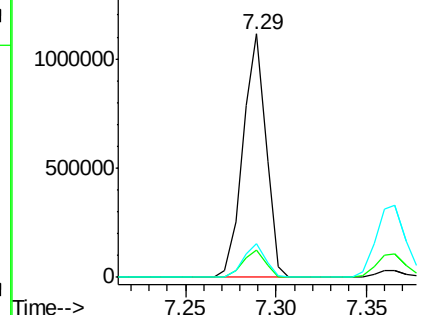
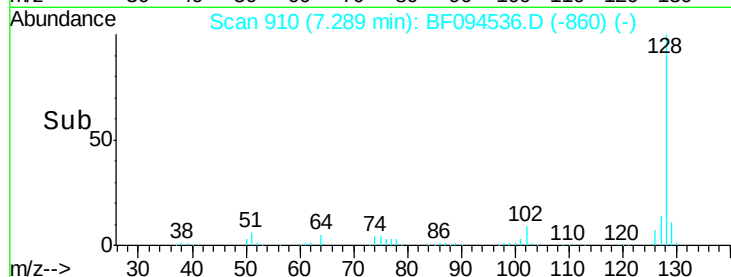


Abundance

Ion 128.00 (127.70 to 128.70): E

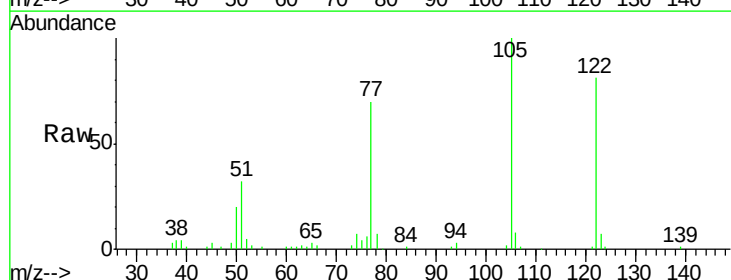
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.38 ng
RT: 7.08 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	103.3	143.3
77	86.2	73.7	113.7

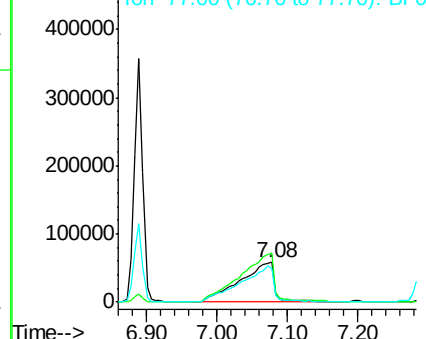
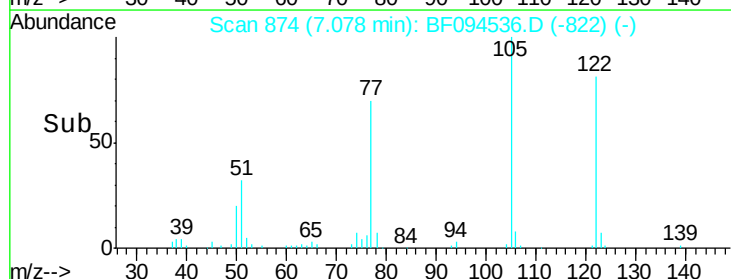


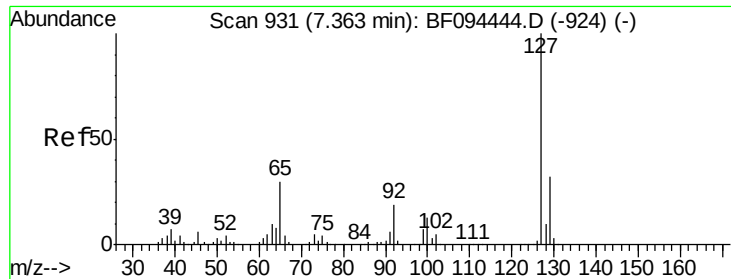
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





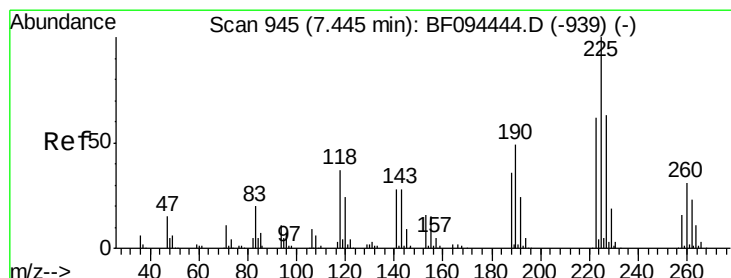
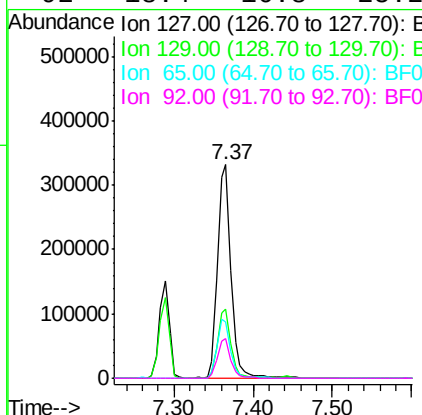
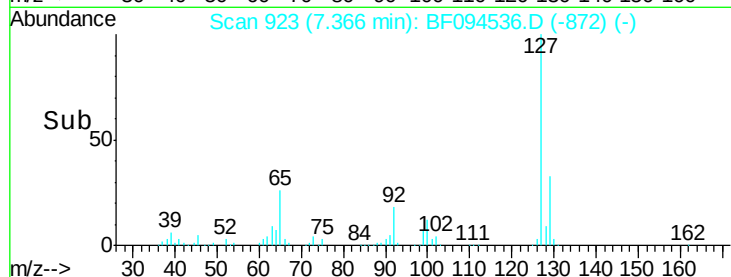
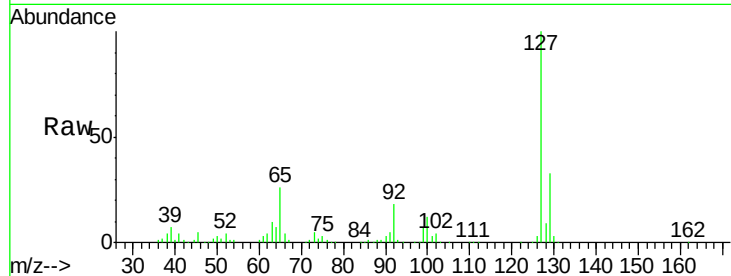
#33
4-Chloroaniline
Concen: 37.27 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	26.4	27.8	41.8		
92	18.4	16.8	25.2		

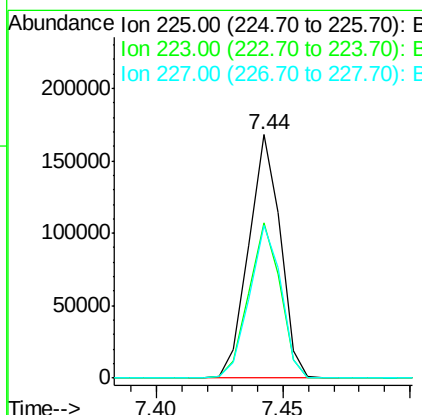
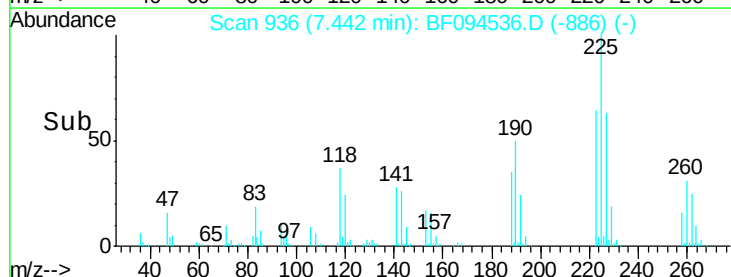
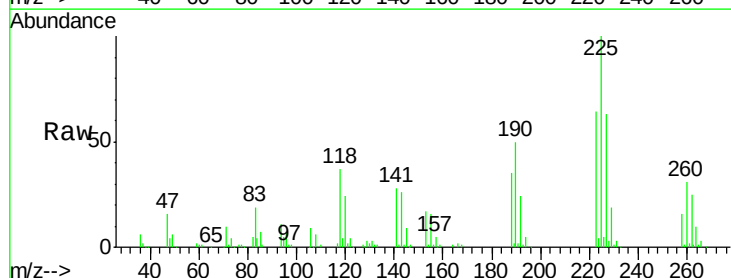
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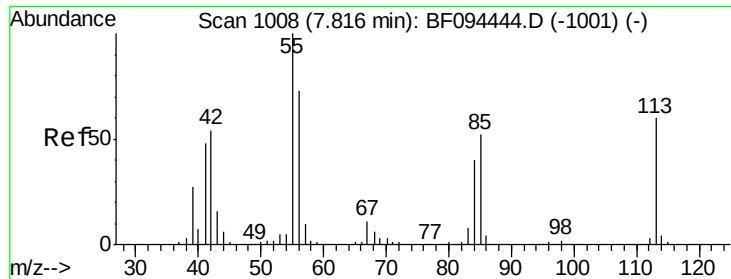
mohammad
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#34
Hexachlorobutadiene
Concen: 38.91 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	48.8	73.2		
227	62.6	51.1	76.7		





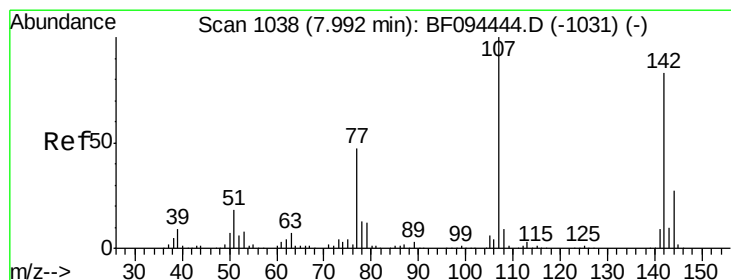
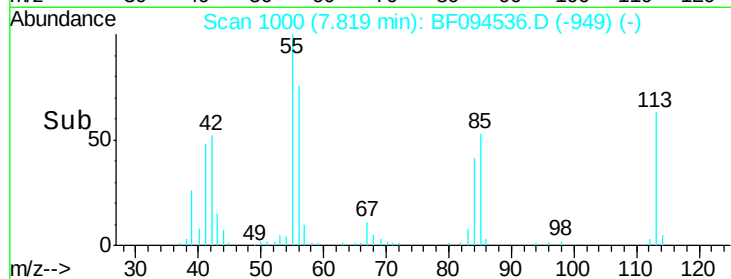
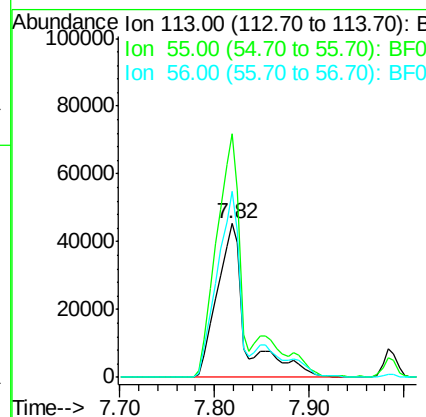
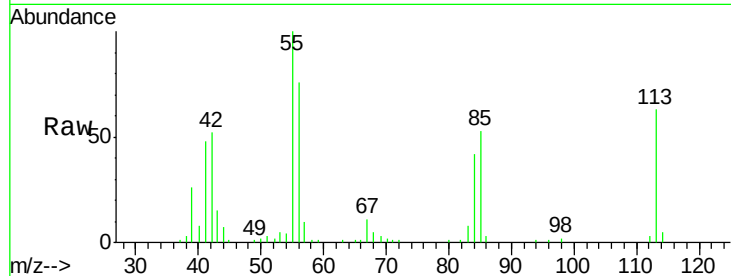
#35
 Caprolactam
 Concen: 41.85 ng/ml
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	158.4		150.2	190.2	
56	121.2		107.8	147.8	

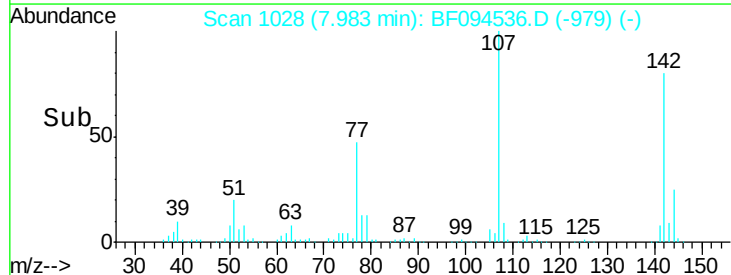
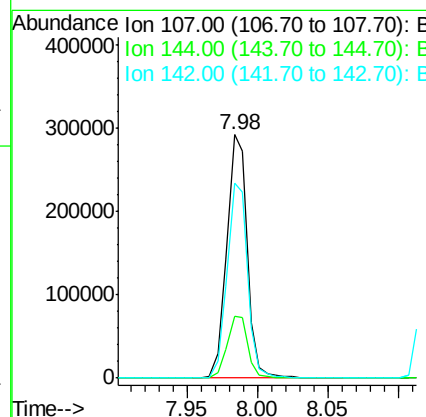
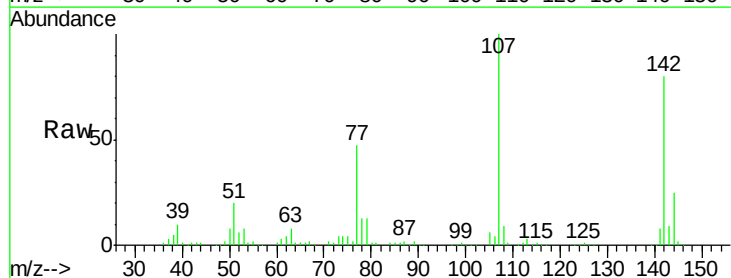
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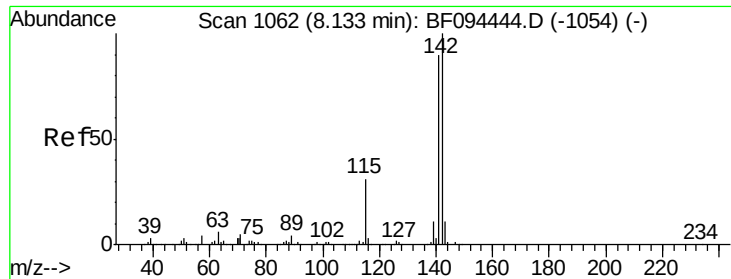
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.63 ng/ml
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.2		24.2	36.4	
142	79.8		73.4	110.0	





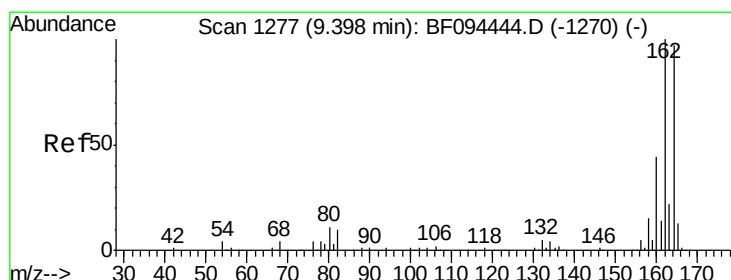
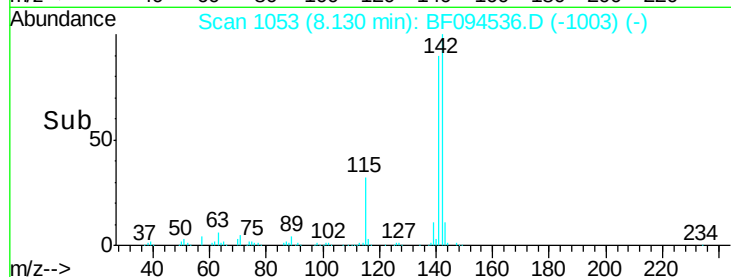
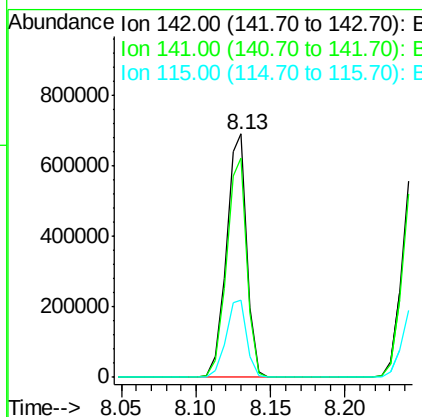
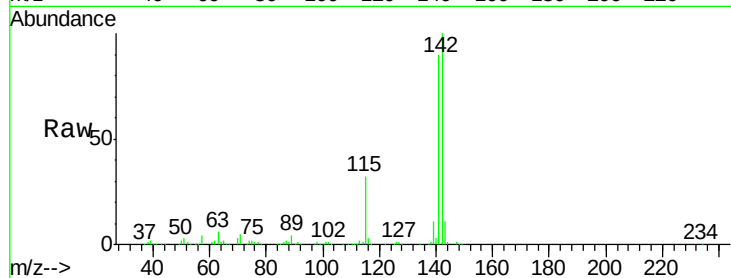
#37
2-Methylnaphthalene
Concen: 38.56 ng
RT: 8.13 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	31.7	27.1	40.7

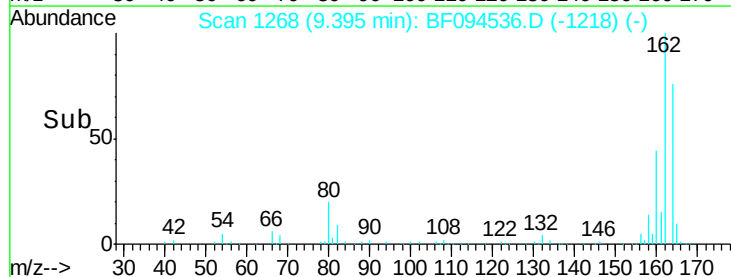
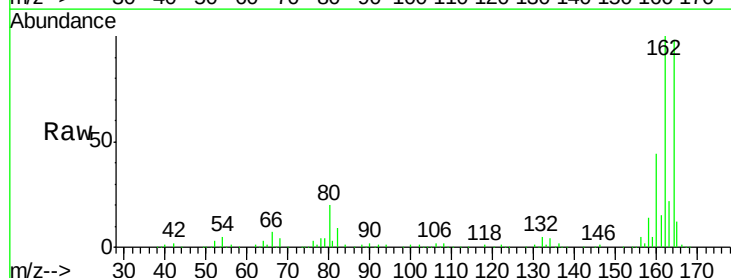
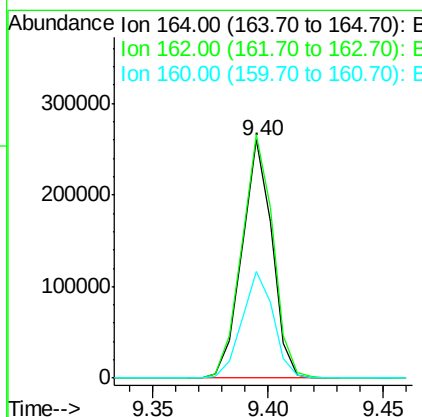
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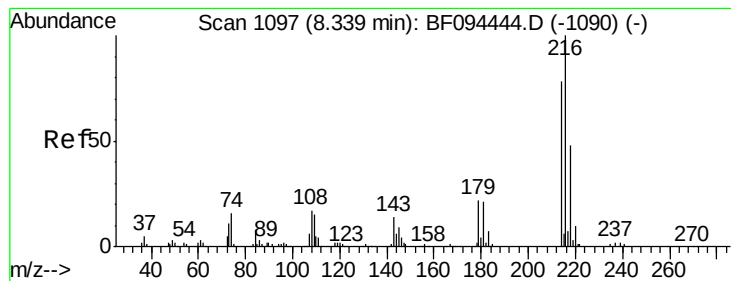
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	44.8	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.32 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

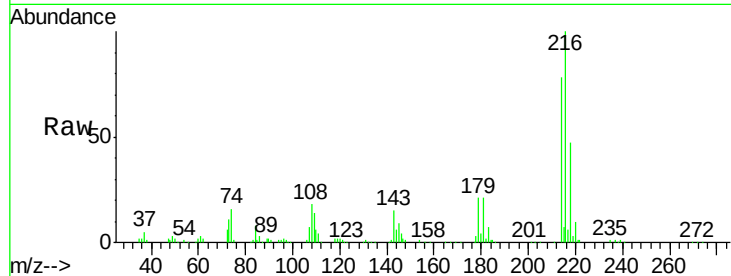
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.0	17.9	26.9
108	20.2	16.5	24.7

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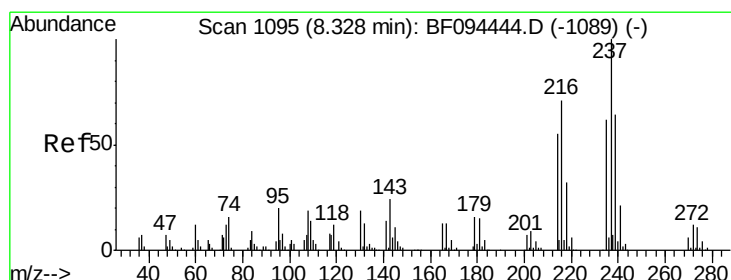
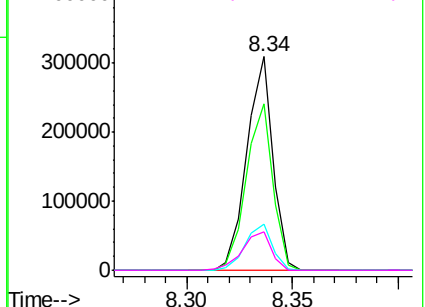
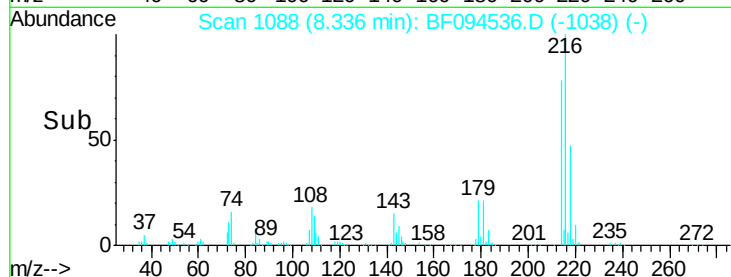


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.31 ng

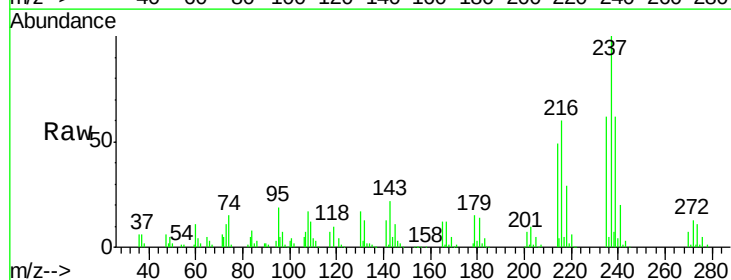
RT: 8.32 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

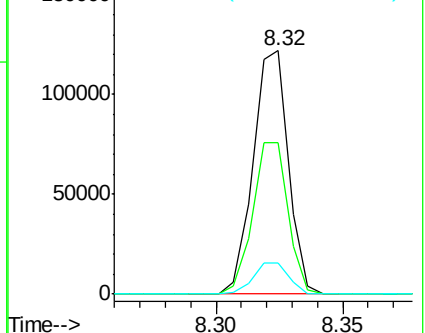
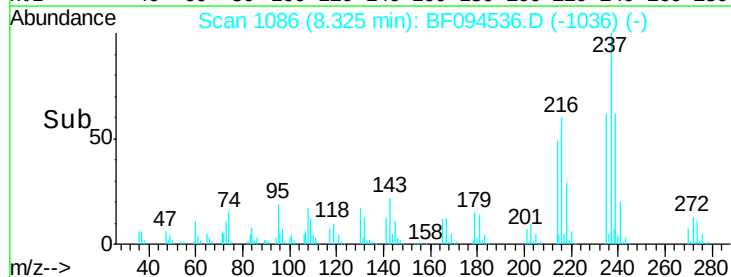
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.6	0.0	31.9

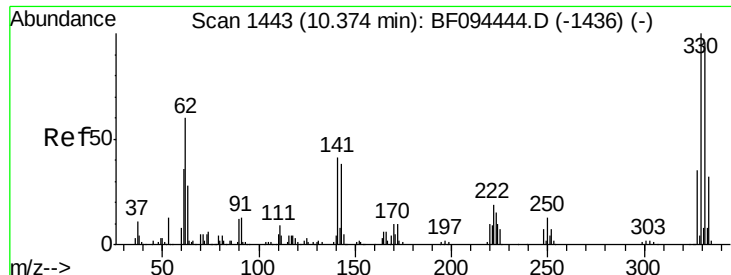


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 84.25 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

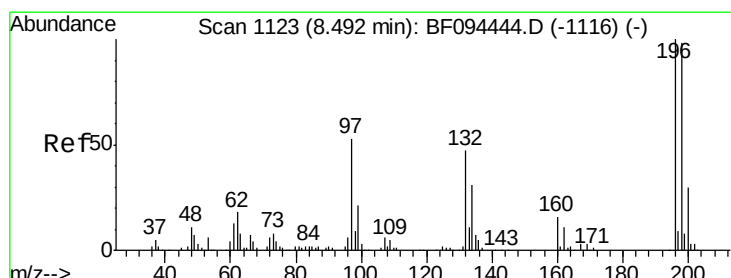
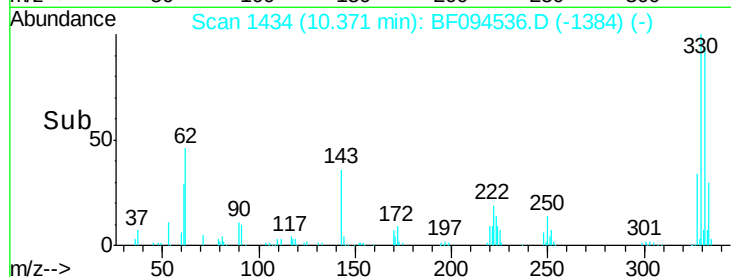
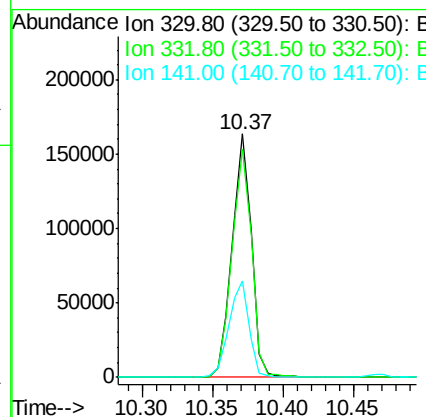
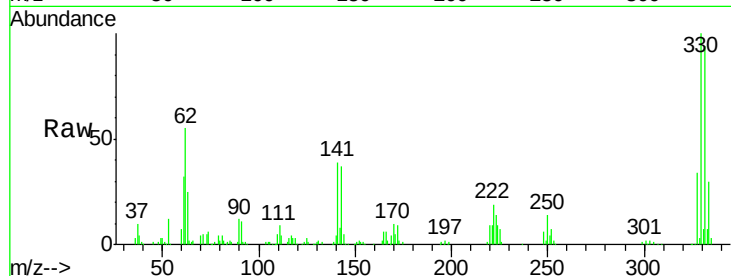
ClientSampleId :

SSTDCCC040

Tot Ion:	330	Resp:	156361
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.6	115.0
141	41.1	31.4	47.2

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#42

2,4,6-Trichlorophenol

Concen: 38.96 ng

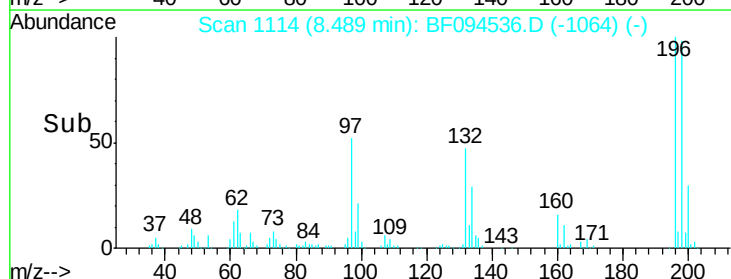
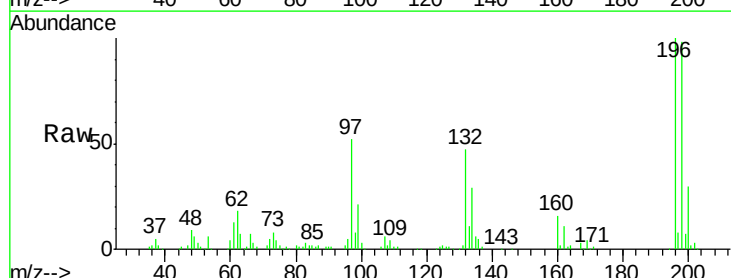
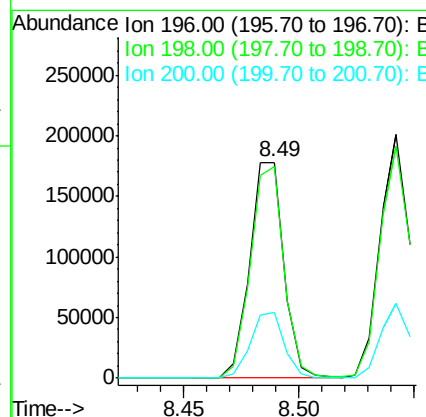
RT: 8.49 min Scan# 1114

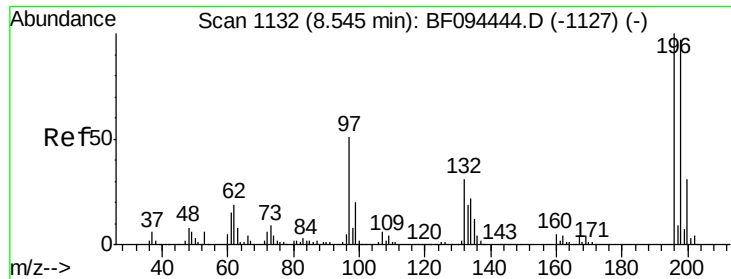
Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	196	Resp:	184874
Ion Ratio	Lower	Upper	
196	100		
198	98.0	74.2	111.4
200	30.5	24.0	36.0





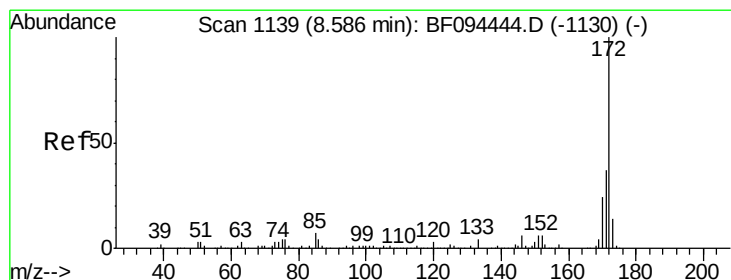
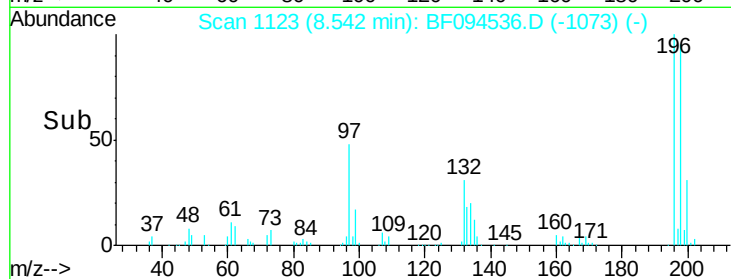
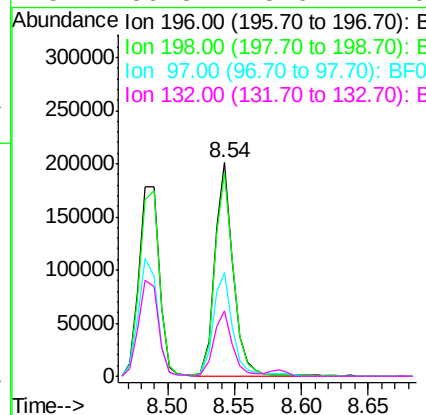
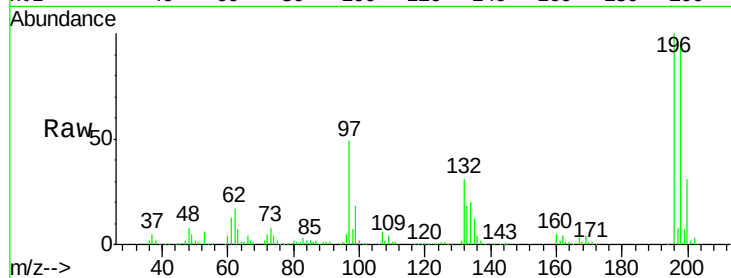
#43
 2,4,5-Trichlorophenol
 Concen: 39.68 ng
 RT: 8.54 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		193370		
198	95.4	75.7	113.5		
97	48.8	47.7	71.5		
132	30.8	28.0	42.0		

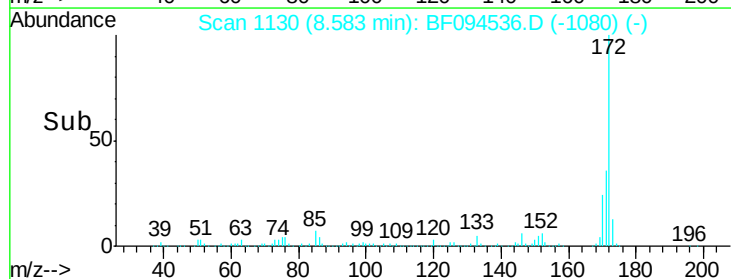
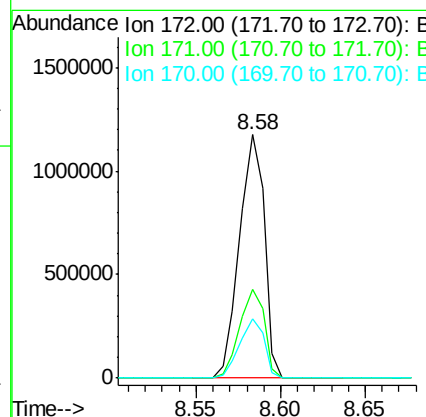
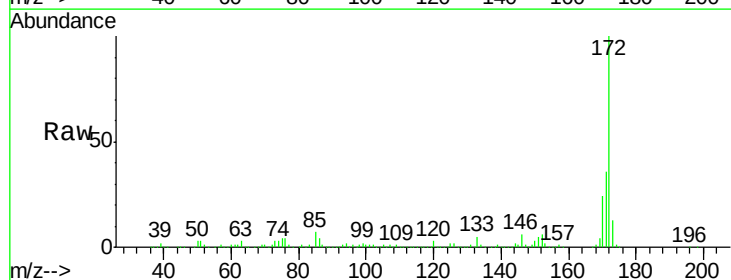
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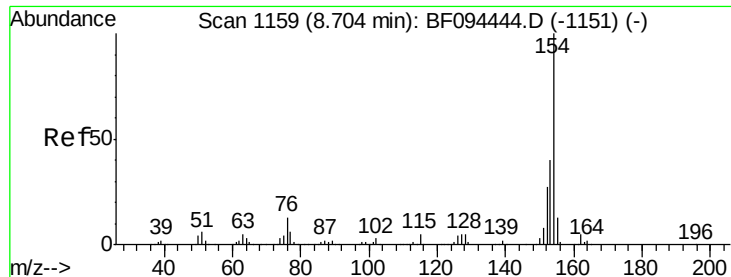
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 75.00 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1209571		
171	36.3	29.6	44.4		
170	24.3	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 38.67 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

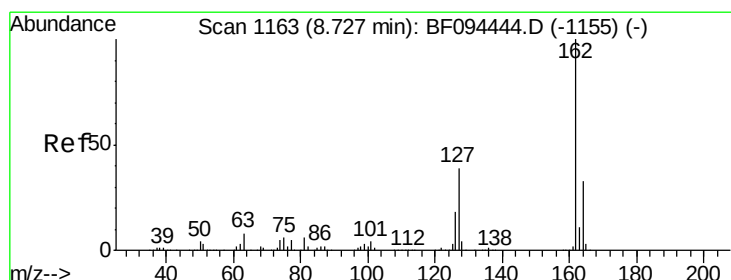
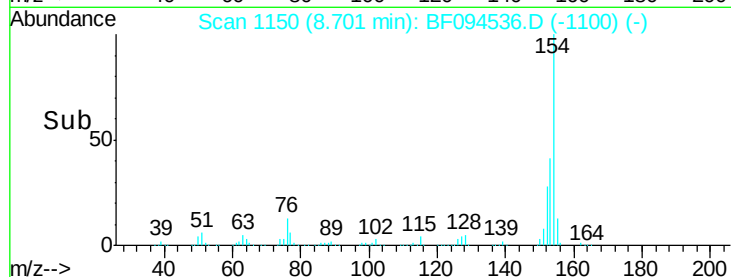
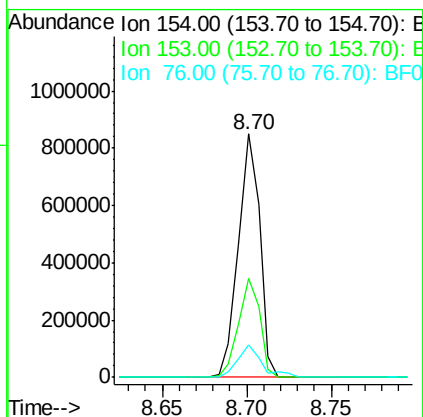
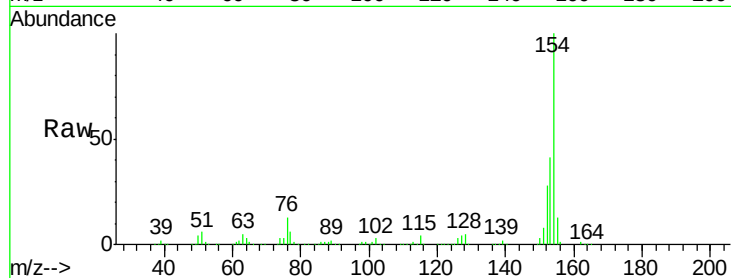
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	749665
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	13.4	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 38.89 ng

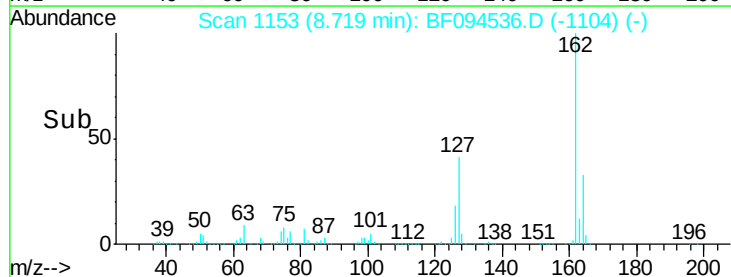
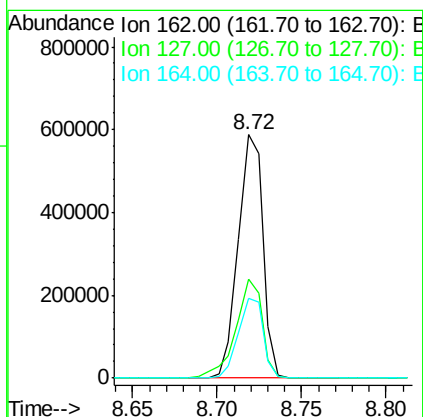
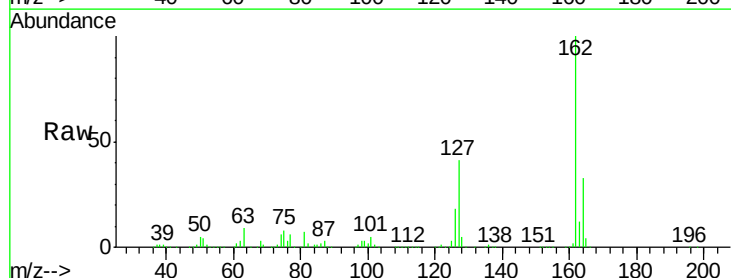
RT: 8.72 min Scan# 1153

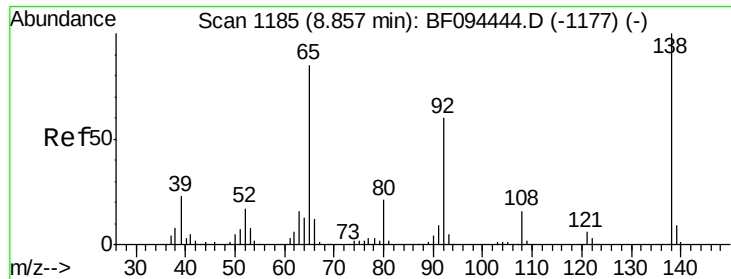
Delta R.T. -0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	162	Resp:	599547
Ion Ratio	Lower	Upper	
162	100		
127	40.8	28.3	42.5
164	32.6	27.0	40.4





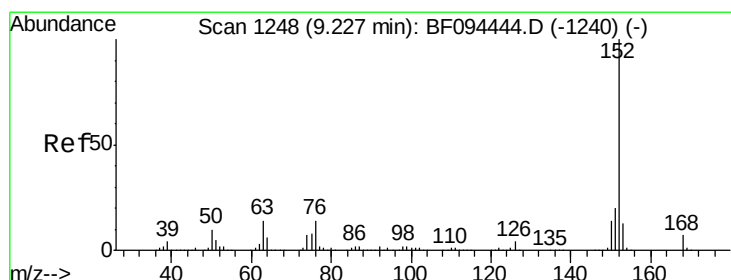
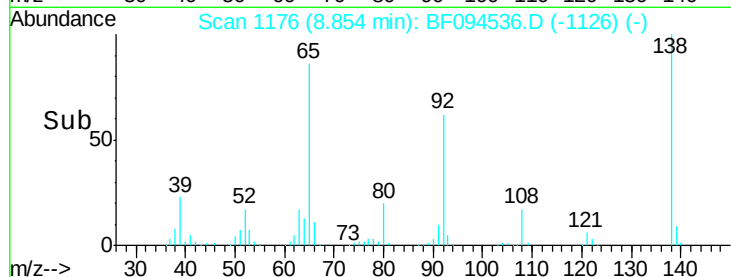
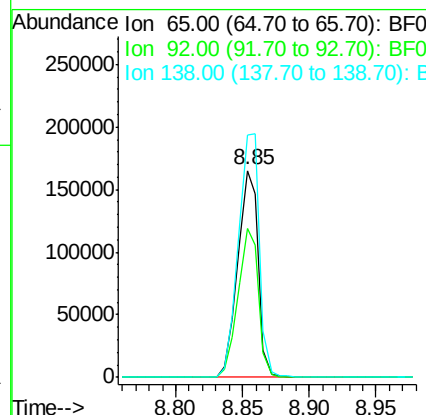
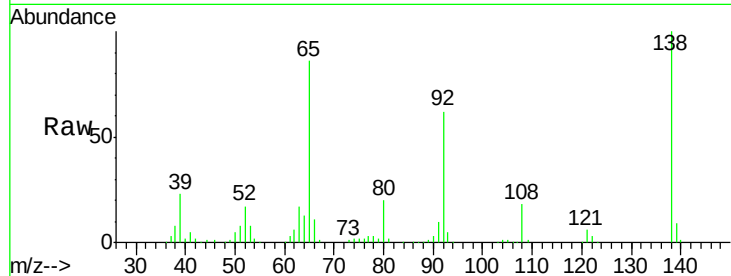
#47
2-Nitroaniline
Concen: 40.36 ng
RT: 8.85 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.0	53.9	80.9
138	117.0	78.8	118.2

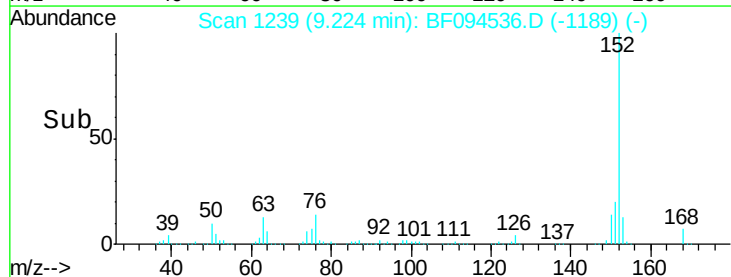
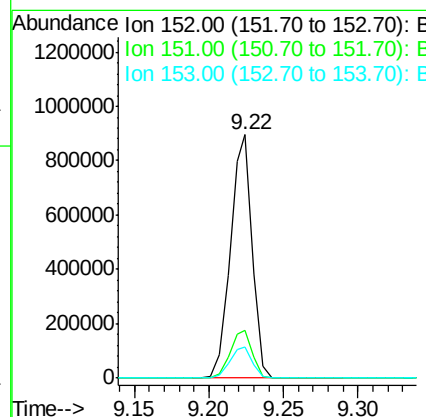
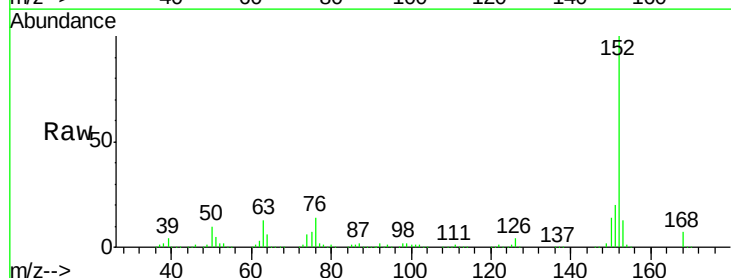
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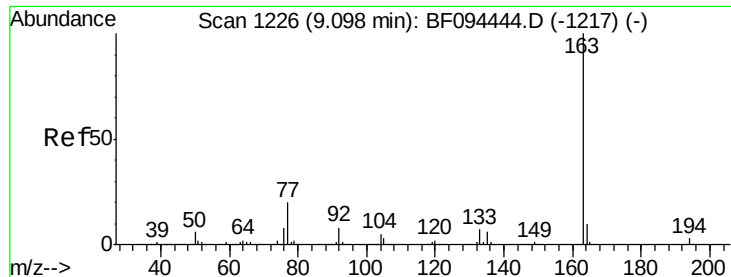
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#48
Acenaphthylene
Concen: 38.15 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	12.8	10.8	16.2





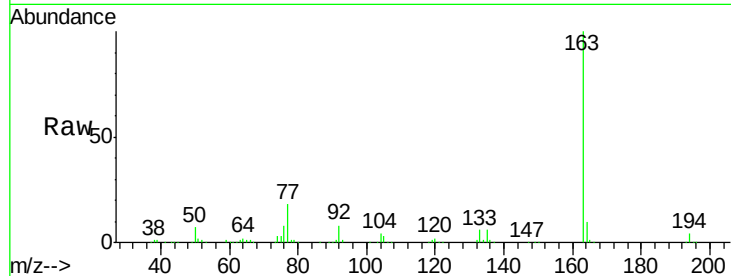
#49
Dimethylphthalate
Concen: 40.15 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

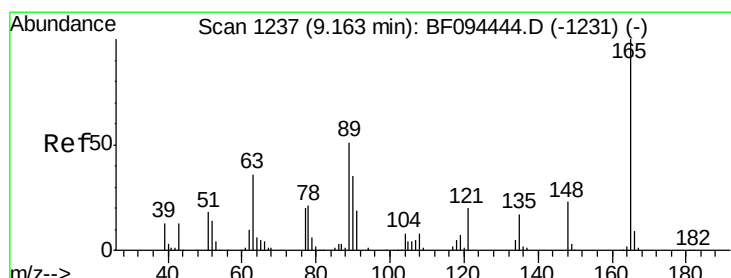
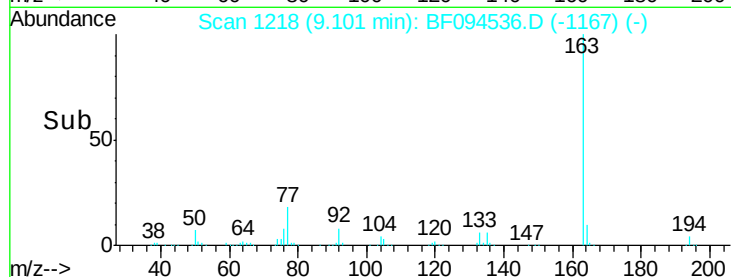
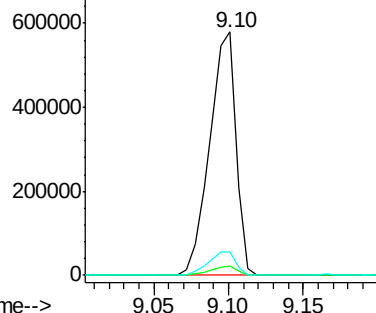
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	9.9	8.4	12.6	

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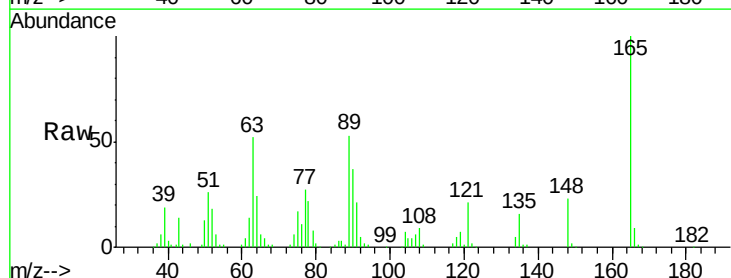


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

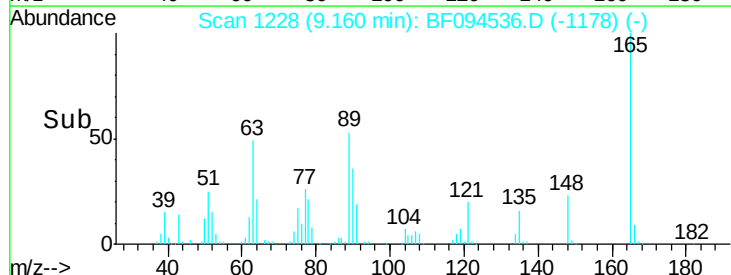
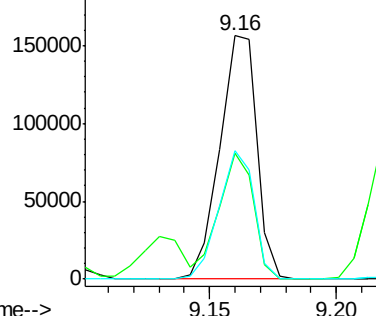


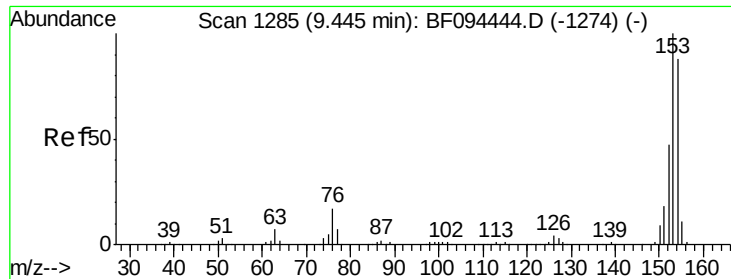
#50
2,6-Dinitrotoluene
Concen: 40.06 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.6	34.3	51.5#	
89	52.8	37.1	55.7	



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: 38.66 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

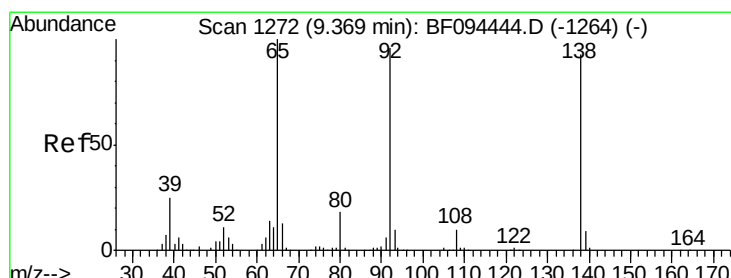
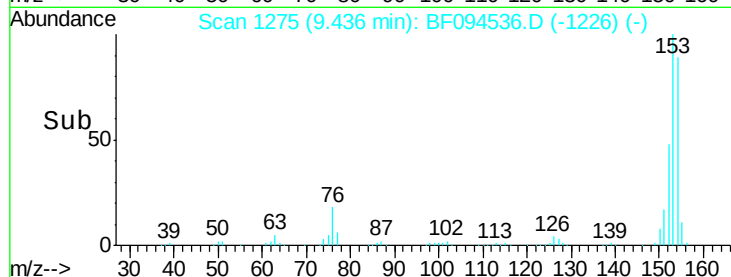
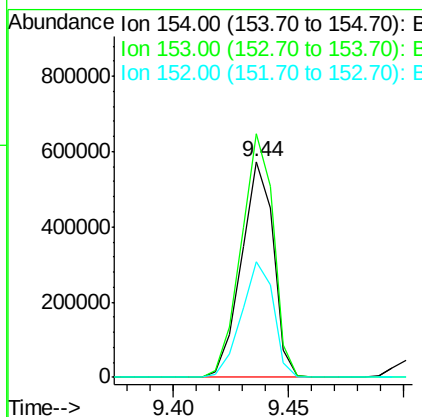
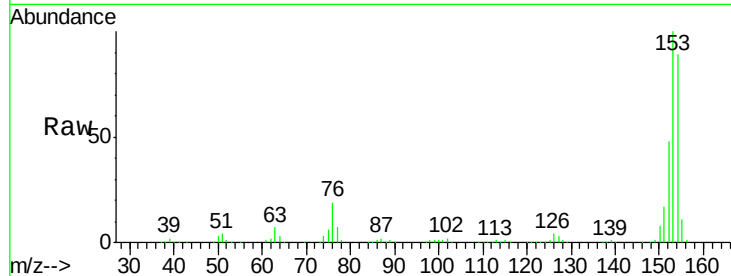
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	556417
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	53.8	43.6	65.4

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#52

3-Nitroaniline

Concen: 38.74 ng

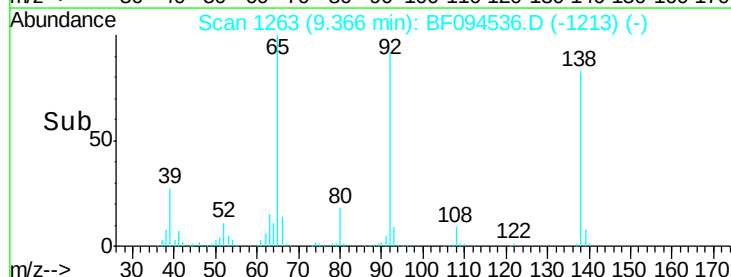
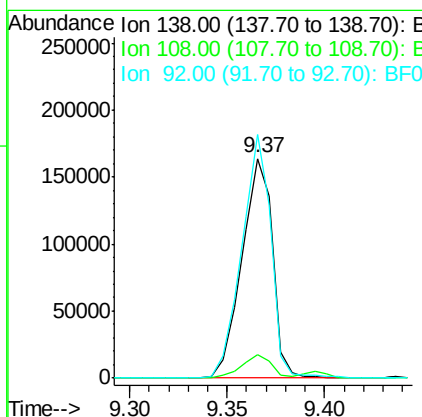
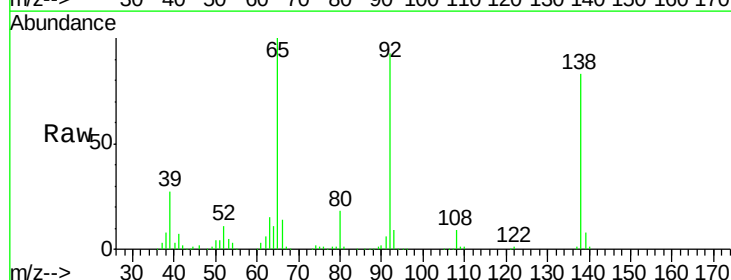
RT: 9.37 min Scan# 1263

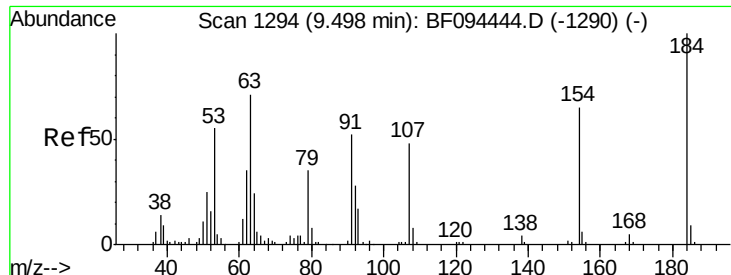
Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	138	Resp:	177880
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.1	13.7
92	111.0	93.8	140.6





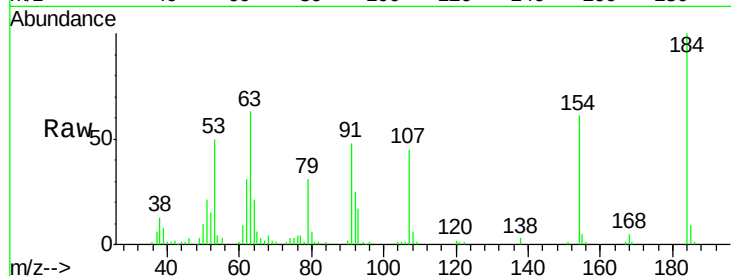
#53
2,4-Dinitrophenol
Concen: 42.22 ng
RT: 9.50 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

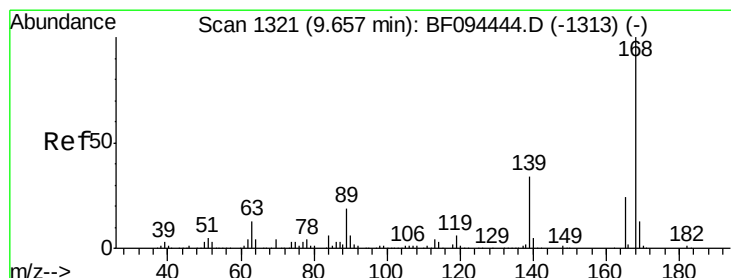
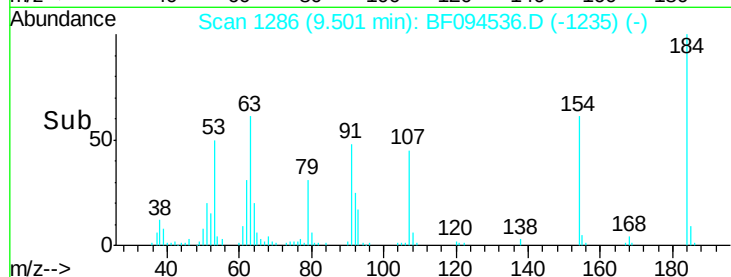
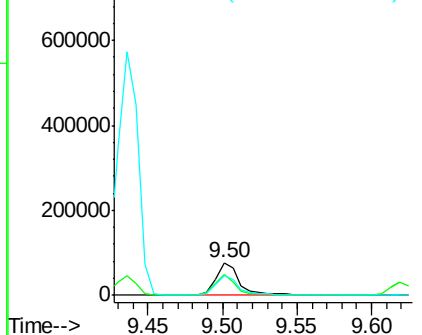
Tot Ion	Ratio	Lower	Upper
184	100		
63	63.2	62.7	94.1
154	61.0	81.1	121.7

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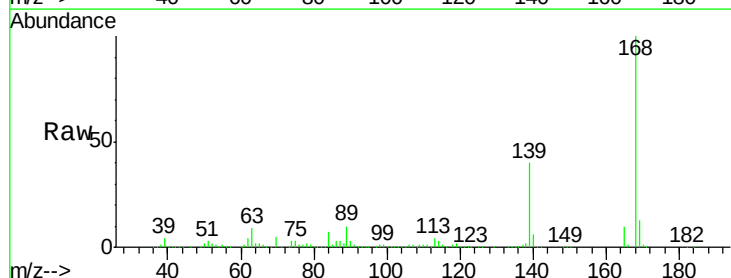


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

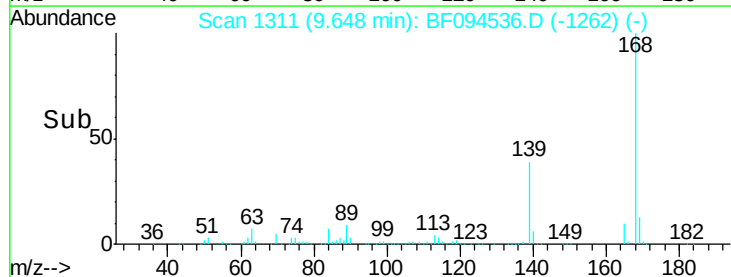
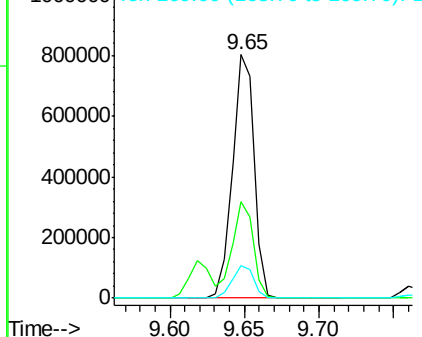


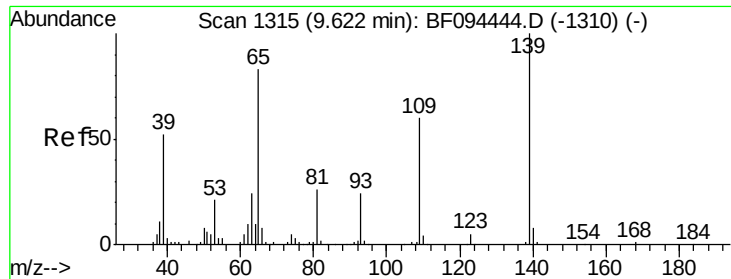
#54
Dibenzofuran
Concen: 39.14 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.6	45.8
169	13.4	10.8	16.2



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: 36.60 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:139 Resp: 118737

Ion Ratio Lower Upper

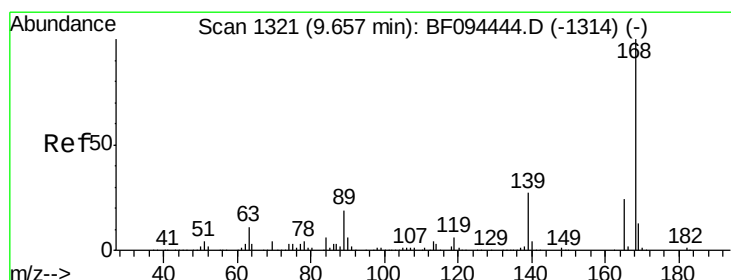
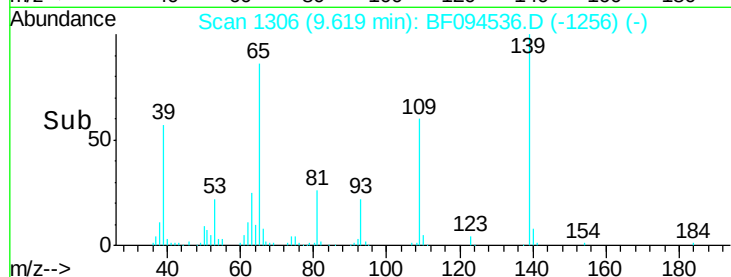
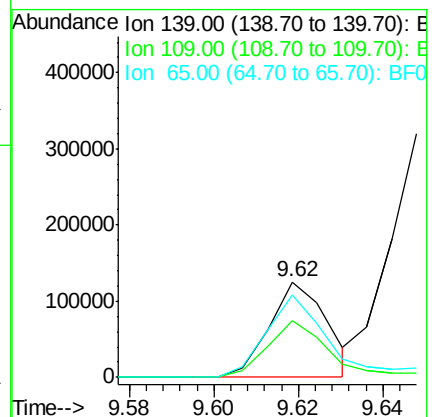
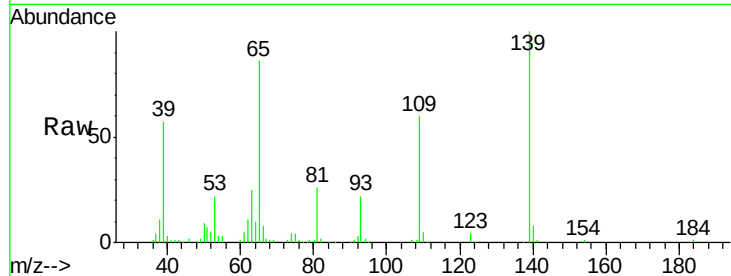
139 100

109 59.6 34.1 74.1

65 86.0 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 41.93 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:165 Resp: 204196

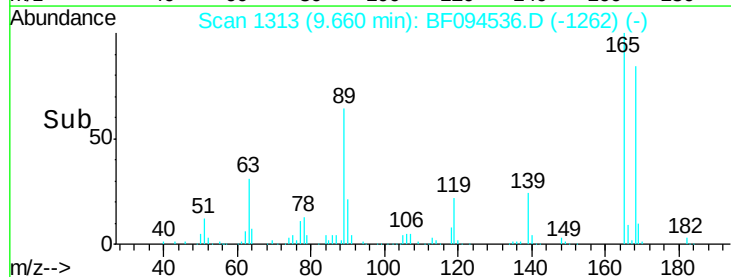
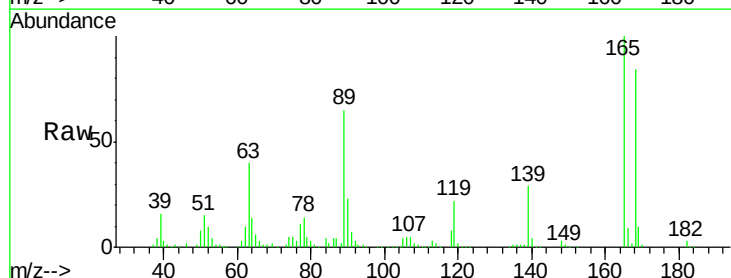
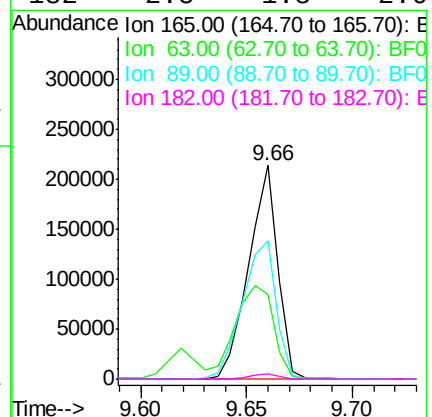
Ion Ratio Lower Upper

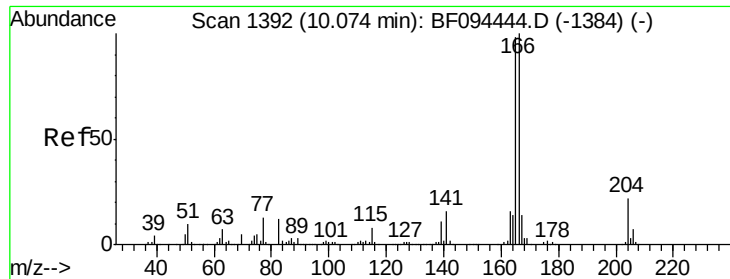
165 100

63 39.8 25.4 38.0#

89 64.9 46.4 69.6

182 2.5 1.8 2.6





#57

Fluorene

Concen: 39.40 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

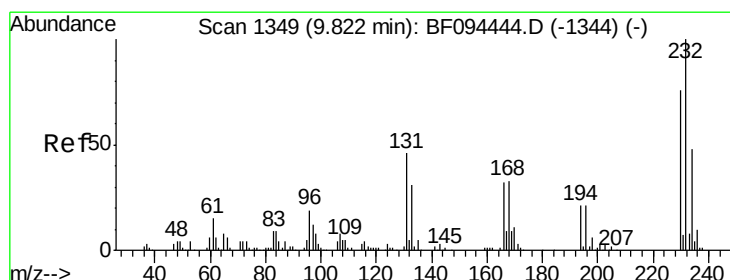
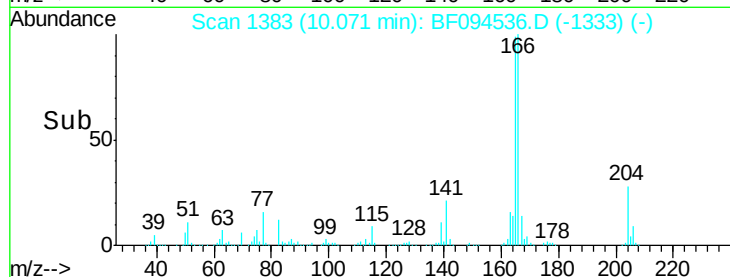
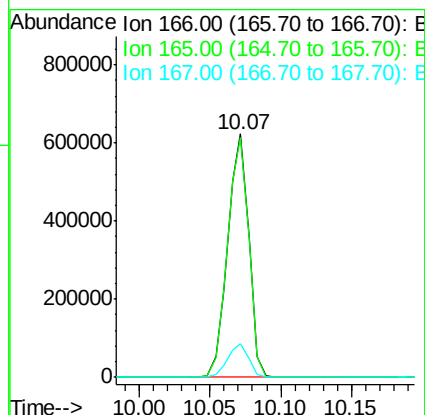
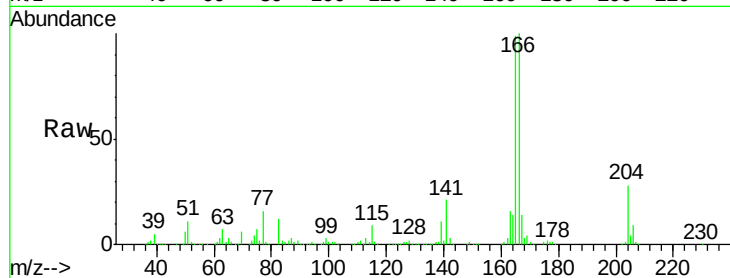
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	641800
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.8	118.2
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.34 ng

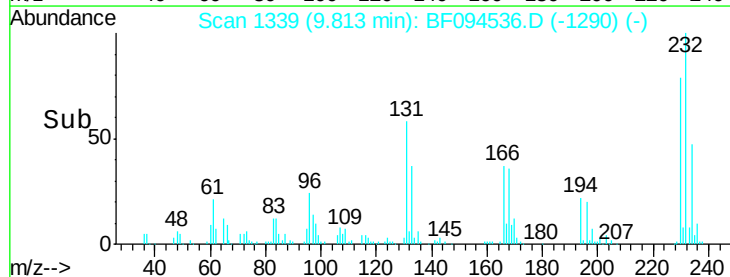
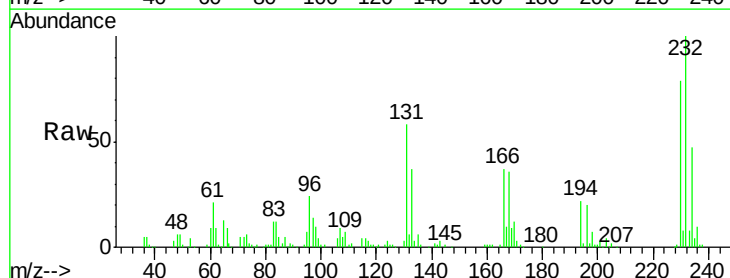
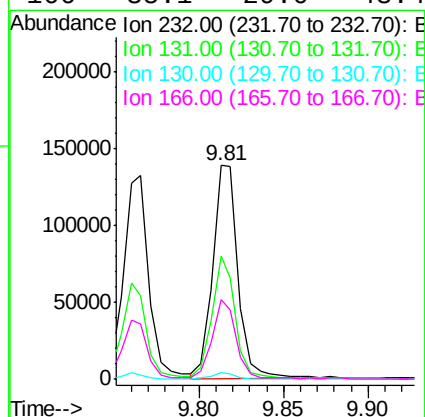
RT: 9.81 min Scan# 1339

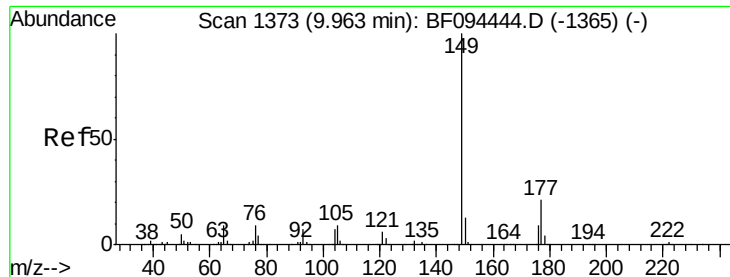
Delta R.T. -0.01 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	232	Resp:	144385
Ion Ratio	Lower	Upper	
232	100		
131	53.5	44.8	67.2
130	2.5	2.3	3.5
166	35.1	29.0	43.4





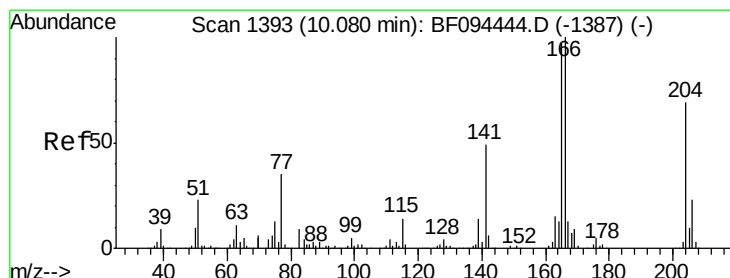
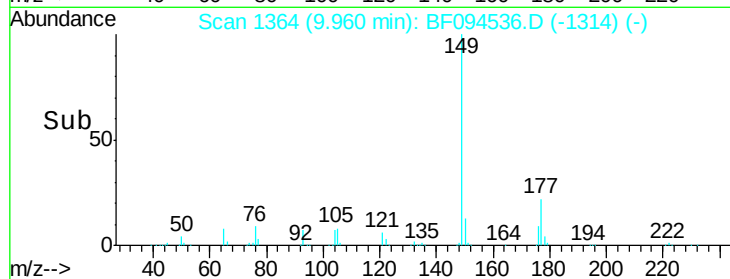
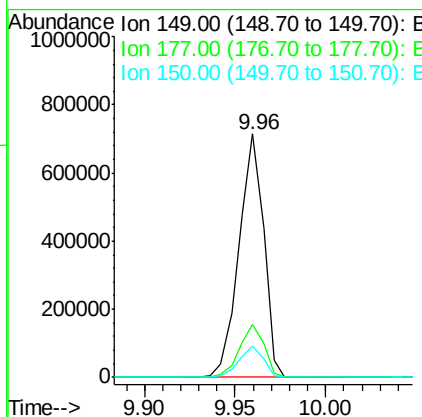
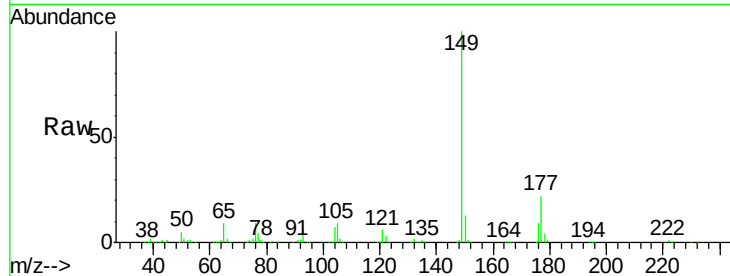
#59
Diethylphthalate
Concen: 40.51 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.6	10.2	15.2

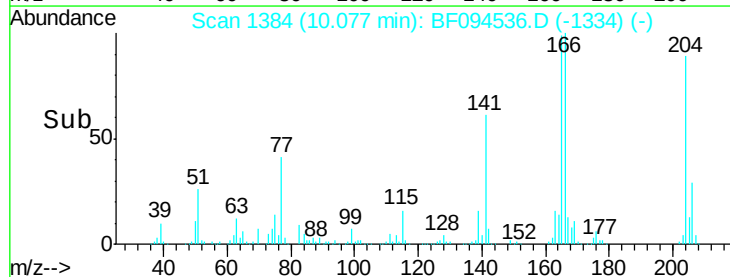
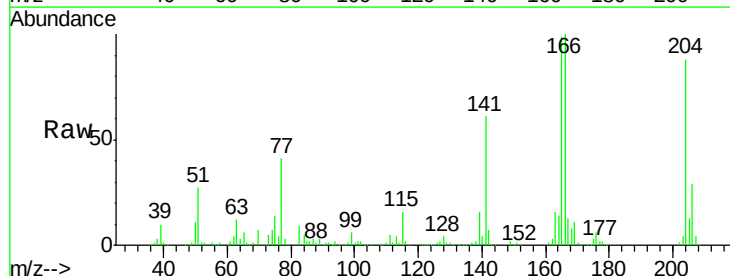
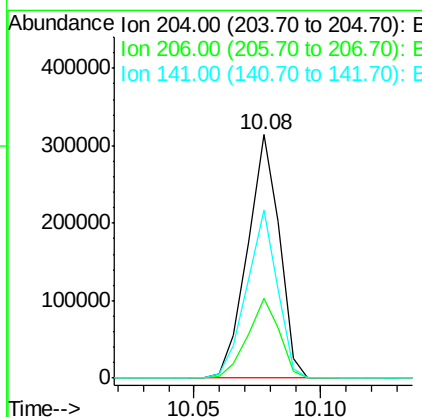
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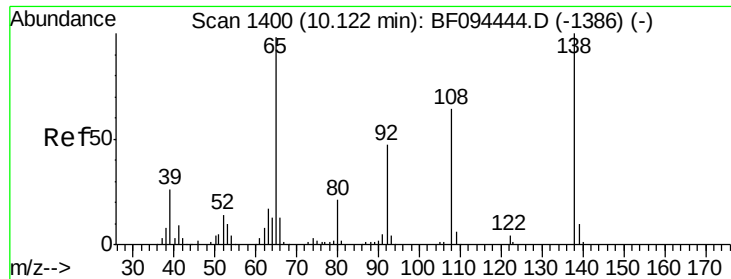
mohammad
4/21/2017 11:35:54 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.57 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	68.9	60.8	91.2





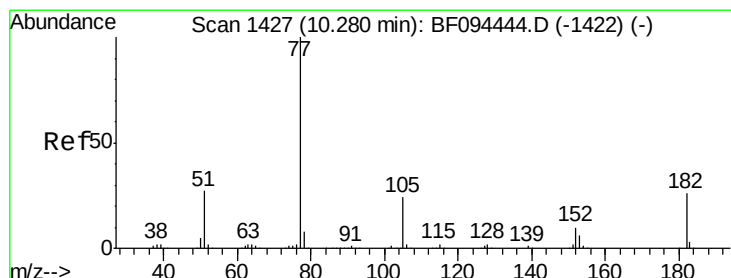
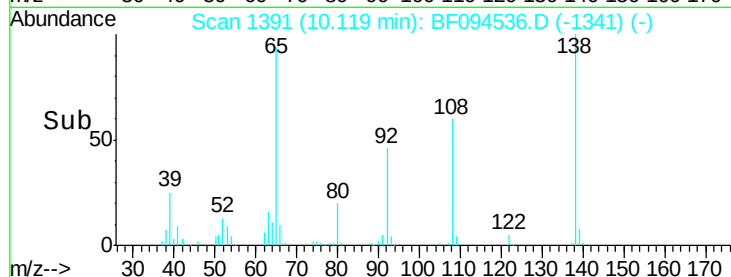
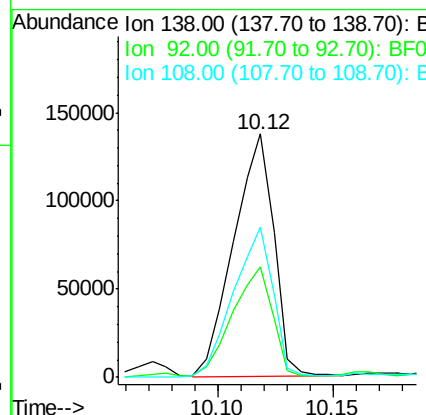
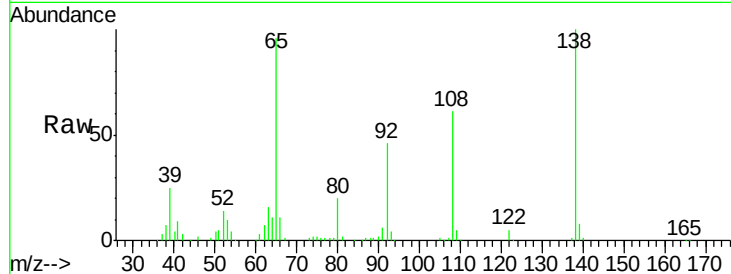
#61
4-Nitroaniline
Concen: 35.54 ng
RT: 10.12 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	21.8	61.8
108	61.4	42.3	82.3

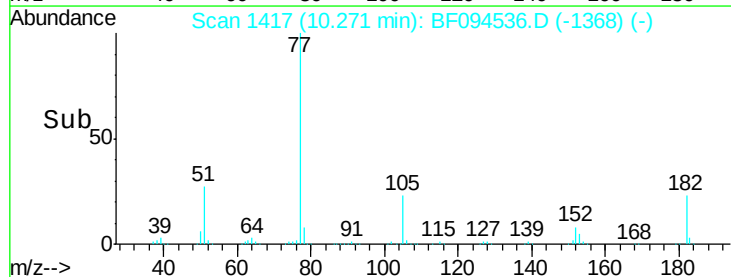
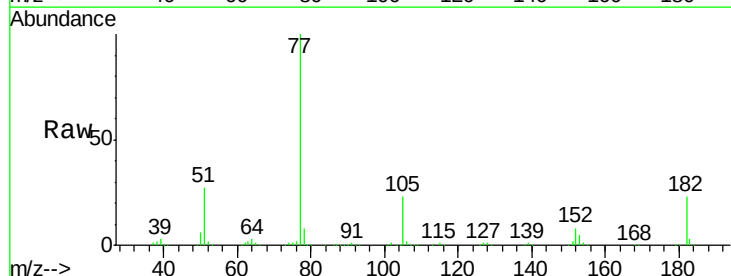
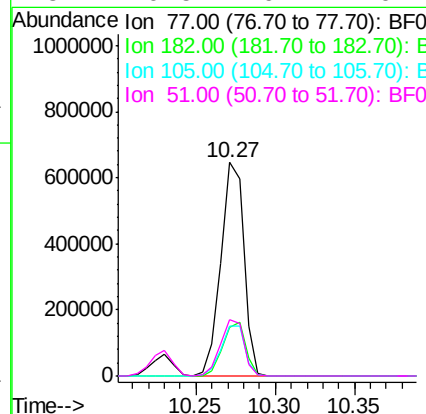
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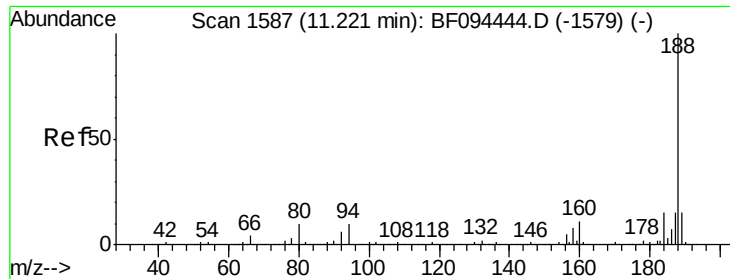
mohammad
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#62
Azobenzene
Concen: 40.51 ng
RT: 10.27 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.1	40.1
105	23.5	3.6	43.6
51	26.5	9.4	49.4





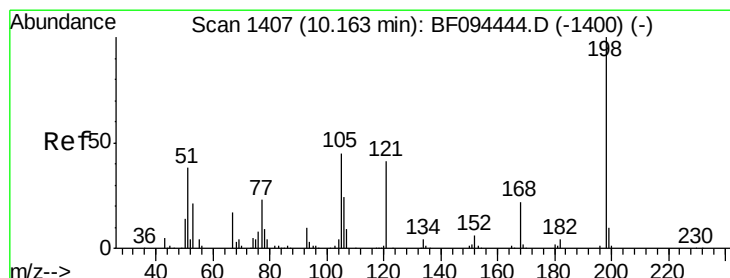
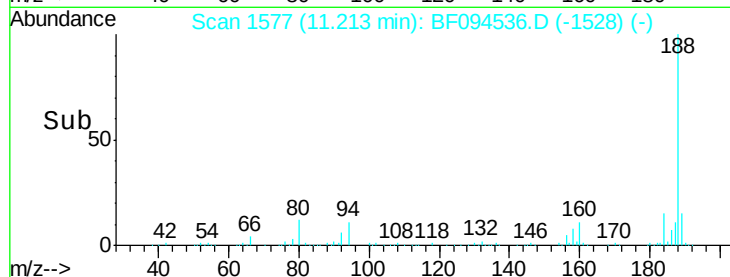
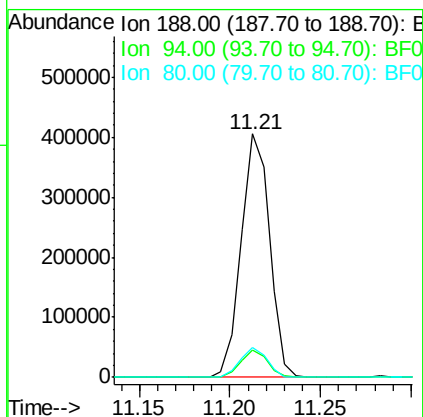
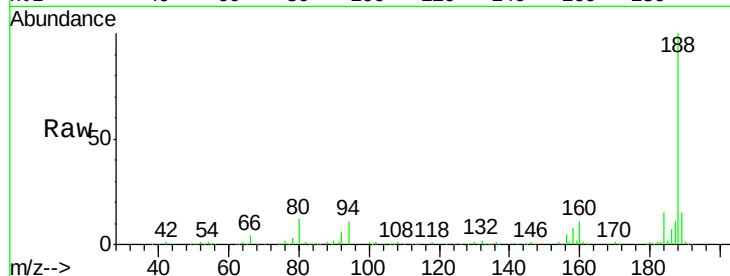
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442622		
94	11.0		9.4	14.2
80	12.3		10.2	15.2

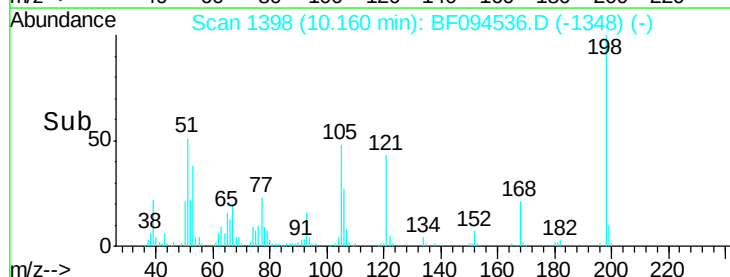
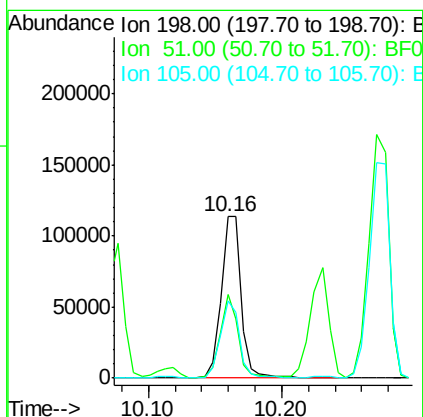
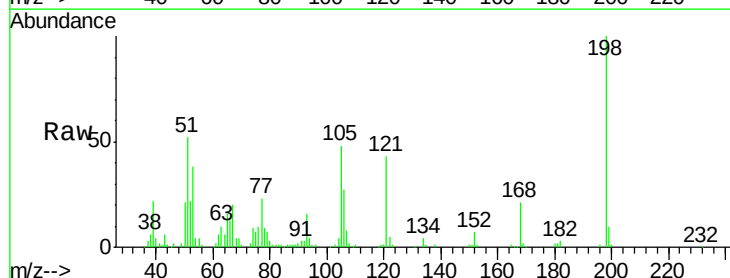
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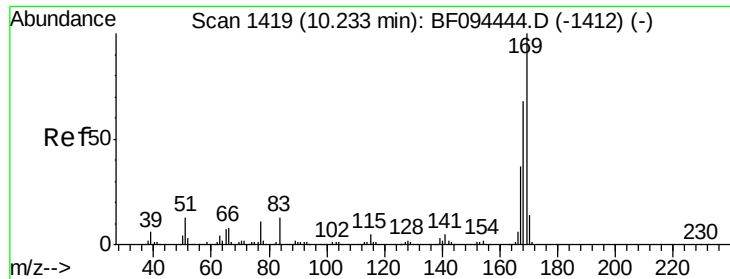
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.64 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	120755		
51	51.6		53.2	93.2#
105	47.7		45.8	85.8





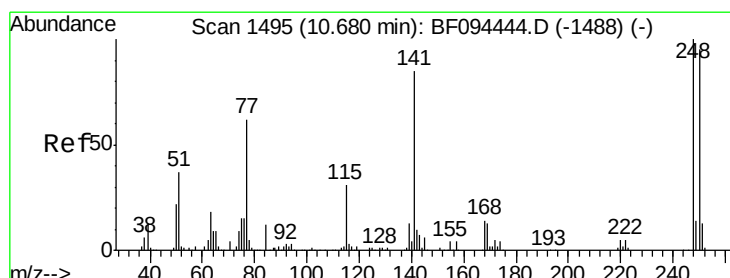
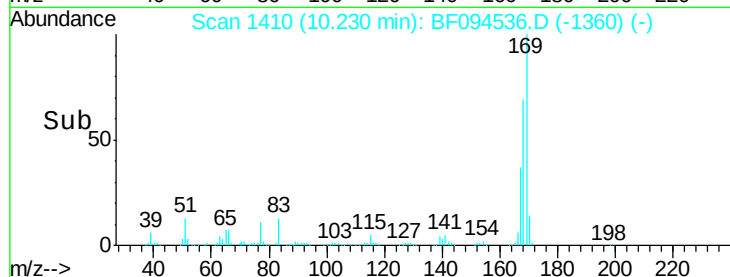
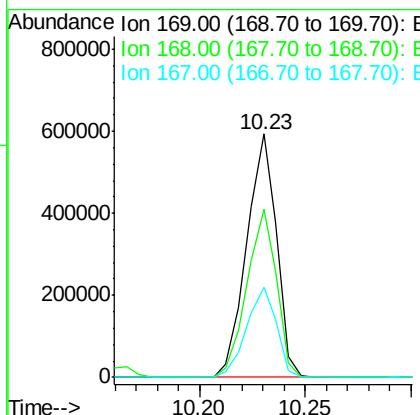
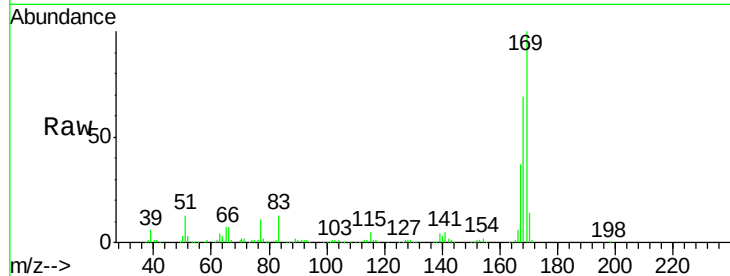
#65
n-Nitrosodiphenylamine
Concen: 37.77 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	581395		
168	69.0	53.2	79.8	
167	37.2	29.5	44.3	

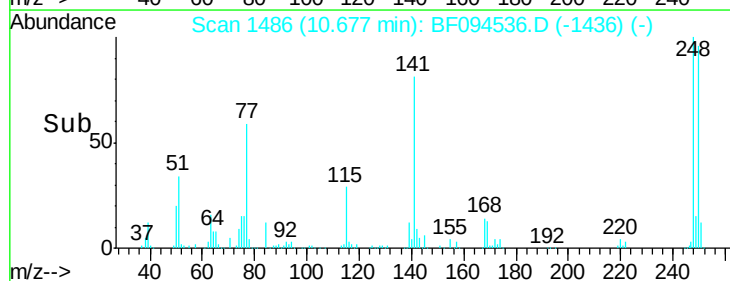
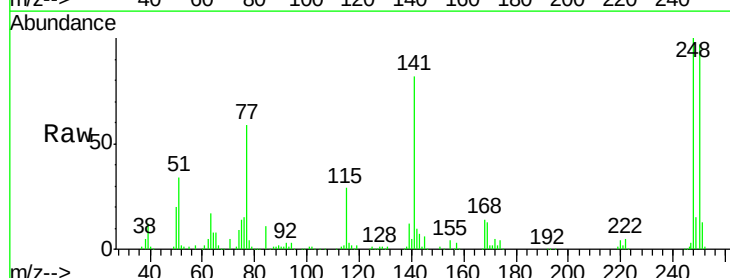
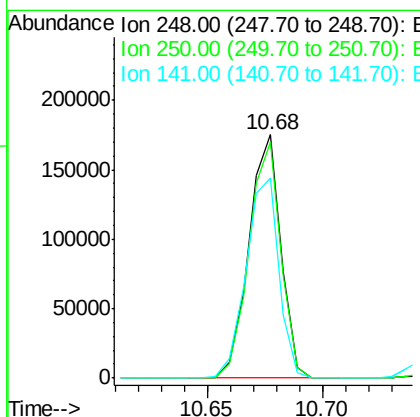
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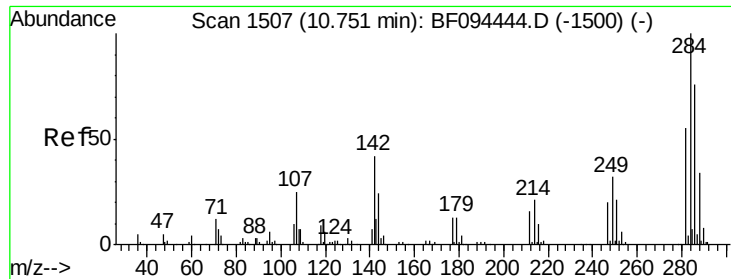
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 38.48 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169112		
250	96.9	76.8	115.2	
141	82.2	68.6	103.0	





#67

Hexachlorobenzene

Concen: 38.23 ng

RT: 10.75 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

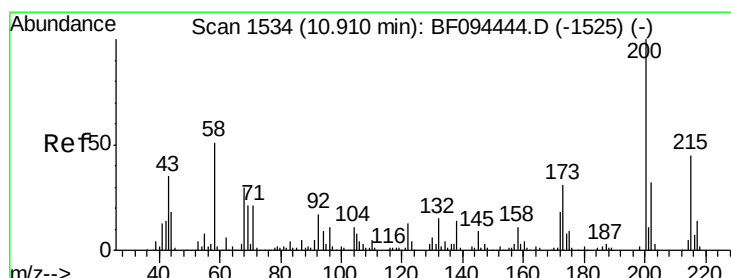
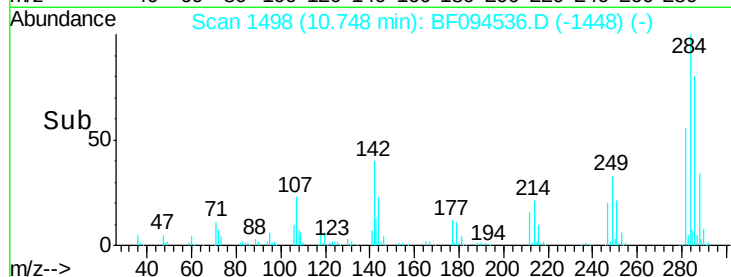
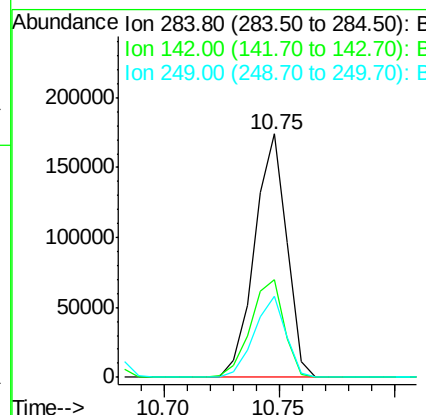
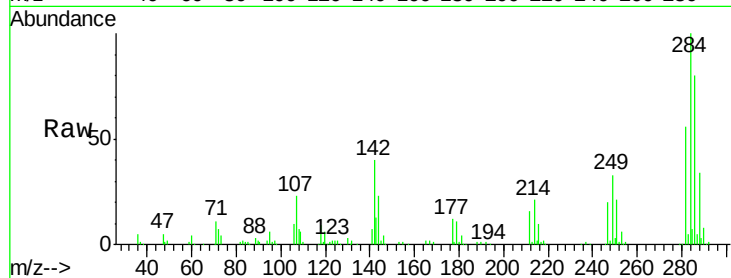
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	169328		
142	40.3	22.8	34.2#	
249	33.3	24.0	36.0	

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#68

Atrazine

Concen: 39.75 ng

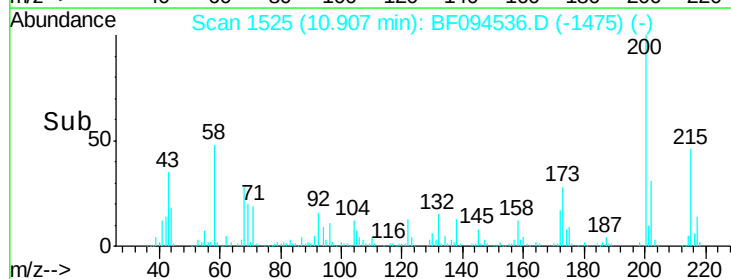
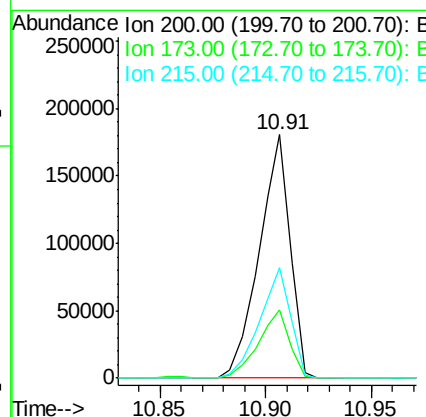
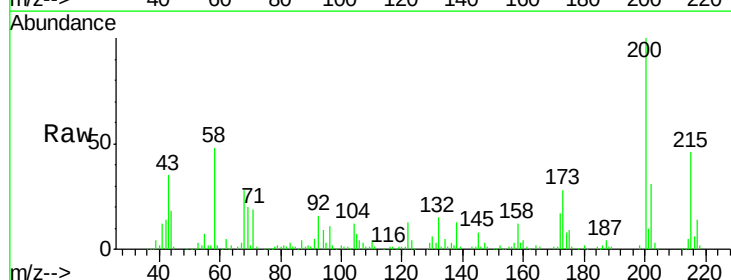
RT: 10.91 min Scan# 1525

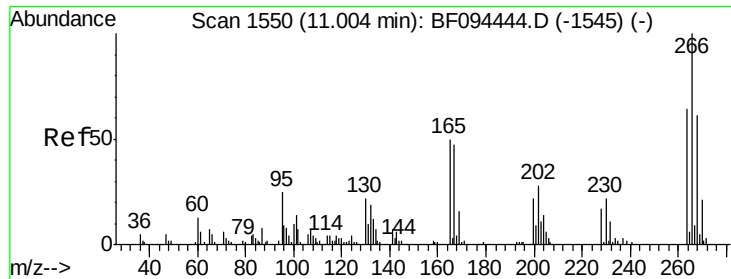
Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	183043		
173	27.8	6.3	46.3	
215	45.6	27.2	67.2	





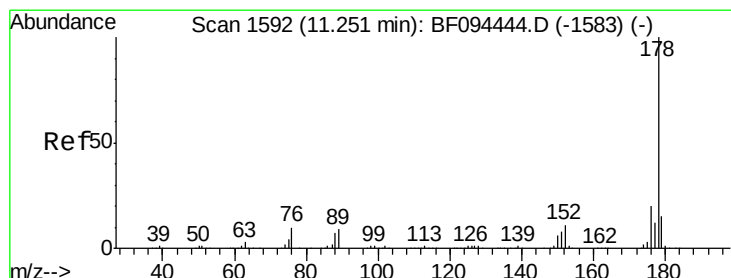
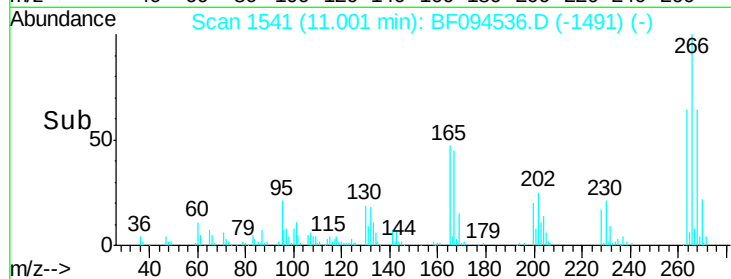
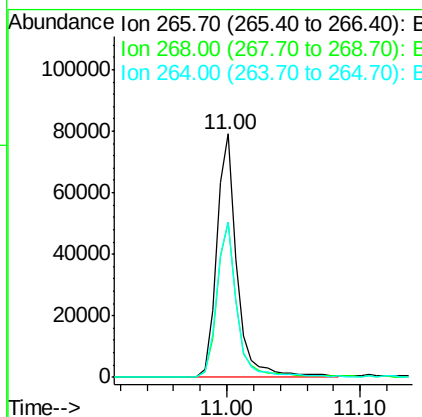
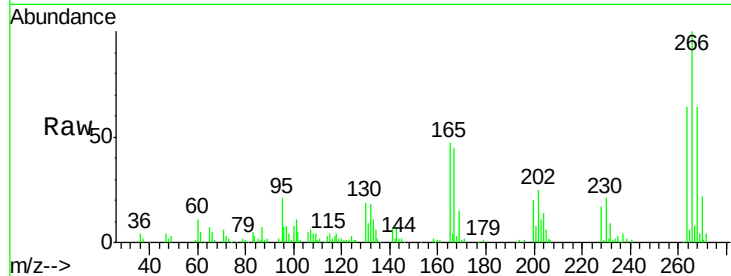
#69
 Pentachlorophenol
 Concen: 48.34 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.9	51.7	77.5

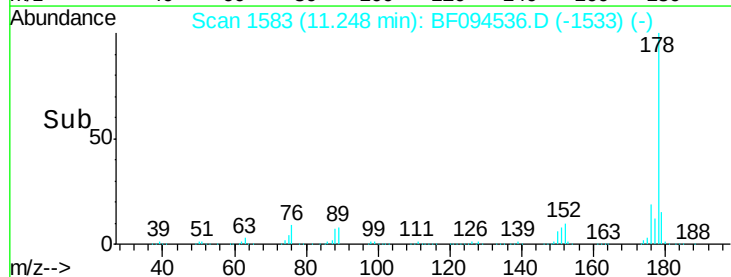
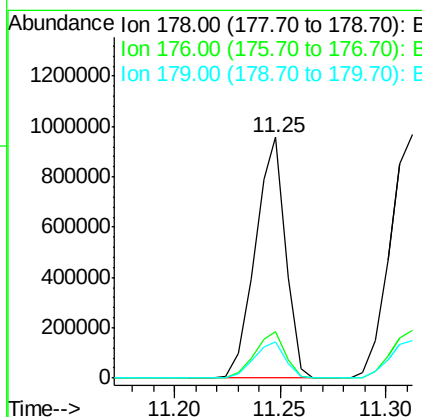
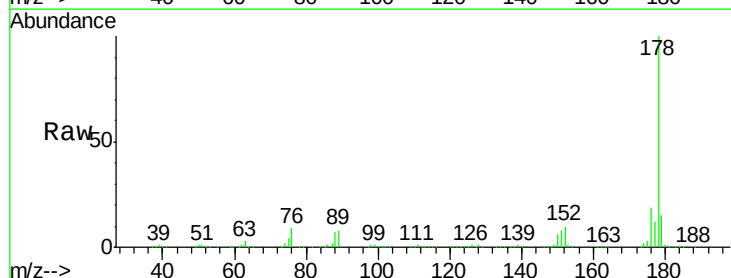
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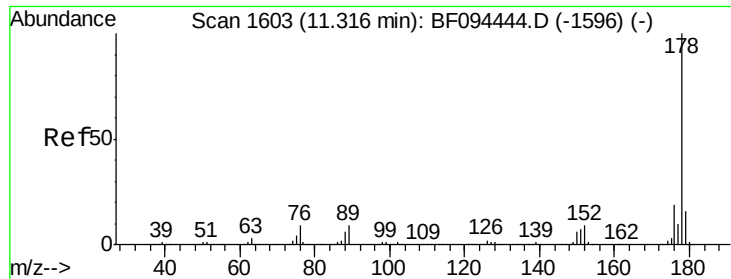
mohammad
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#70
 Phenanthrene
 Concen: 38.08 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.2	12.6	19.0





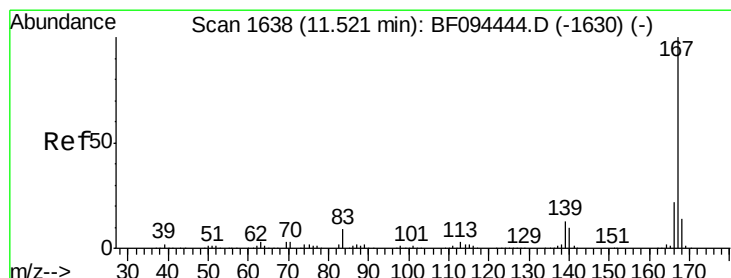
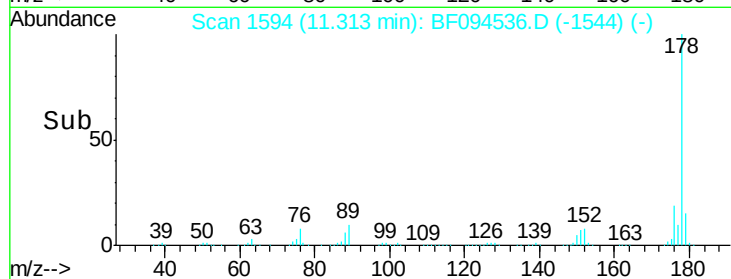
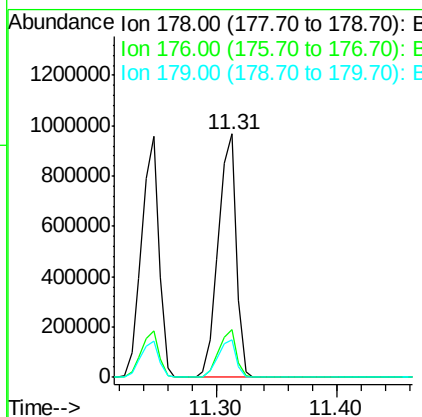
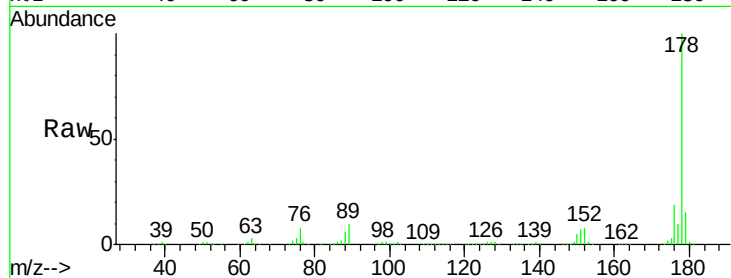
#71
 Anthracene
 Concen: 38.42 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	12.7	19.1

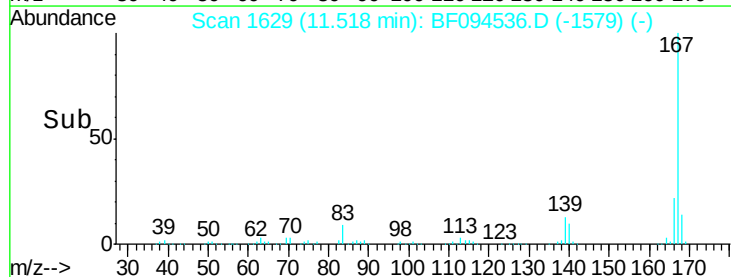
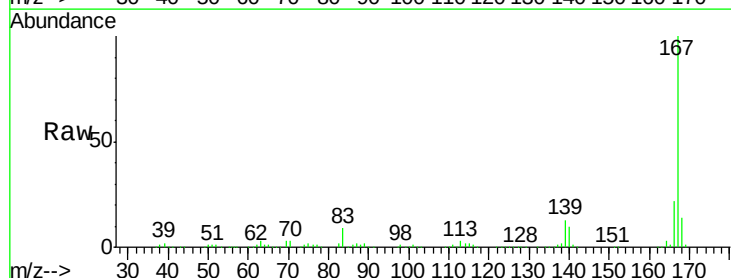
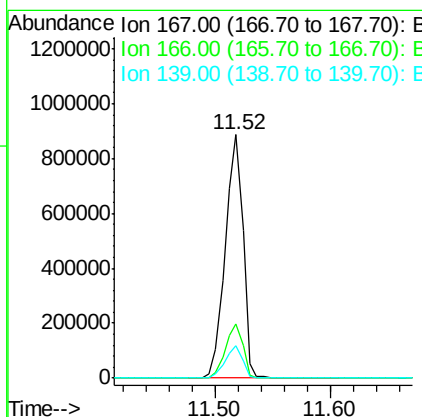
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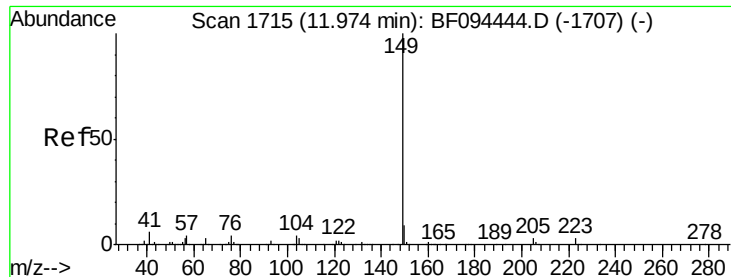
mohammad
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#72
 Carbazole
 Concen: 38.92 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.64 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

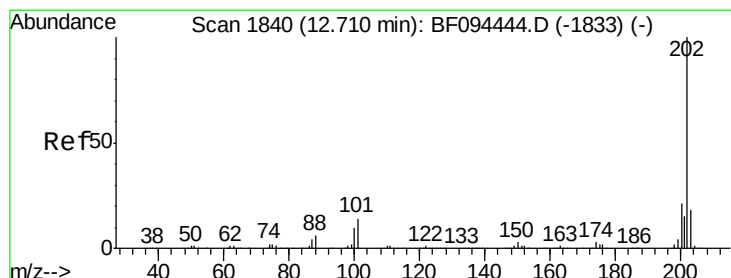
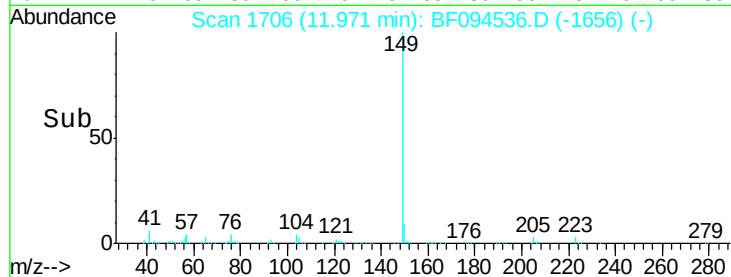
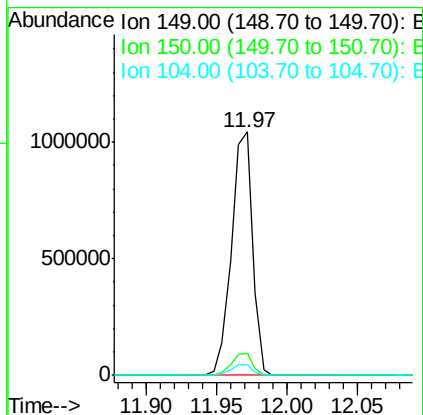
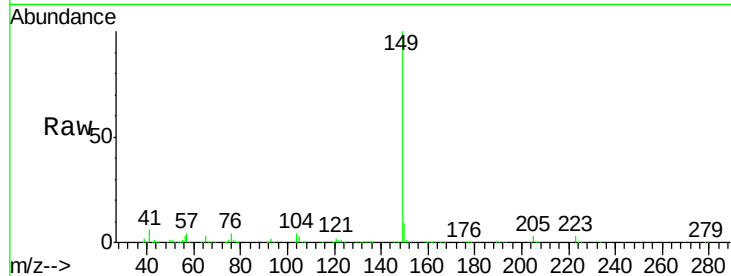
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1082747
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.3	4.0	6.0

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#74

Fluoranthene

Concen: 39.08 ng

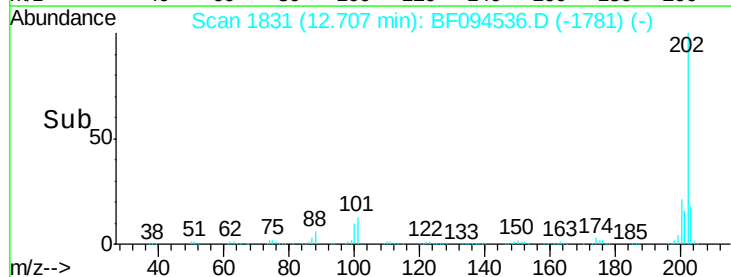
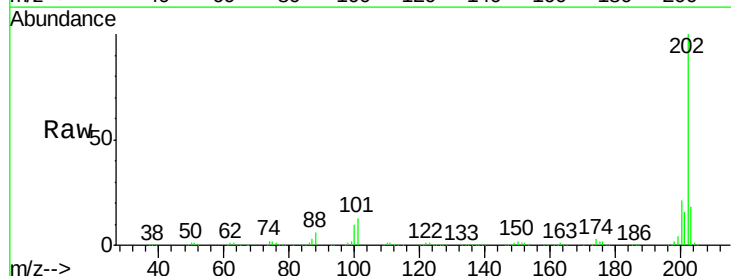
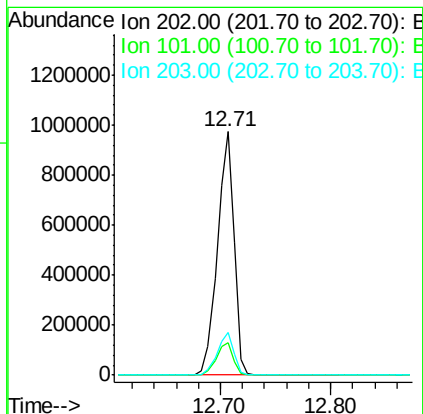
RT: 12.71 min Scan# 1831

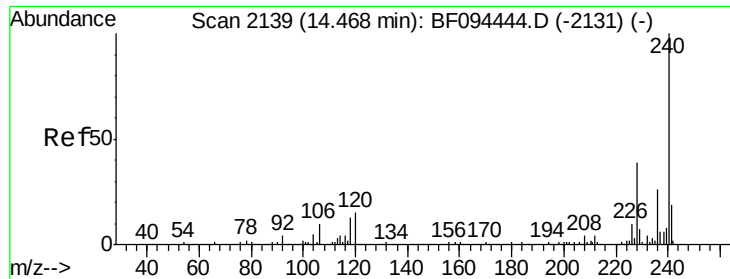
Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	202	Resp:	1009489
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.6	0.0	38.1





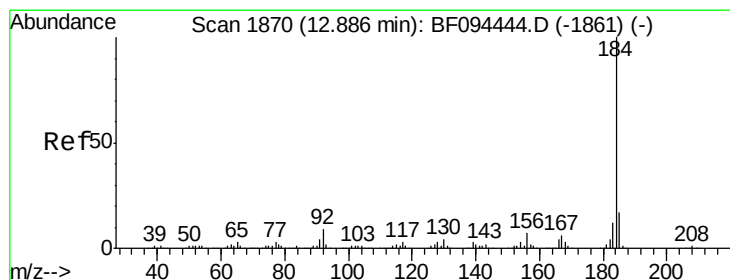
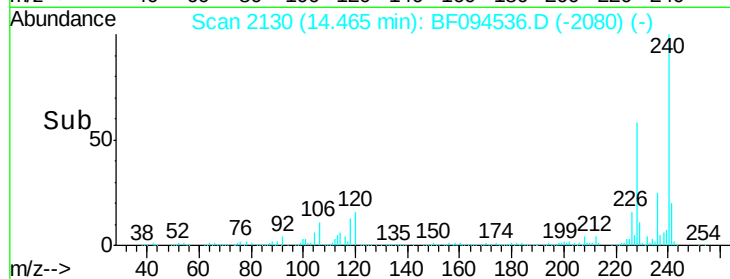
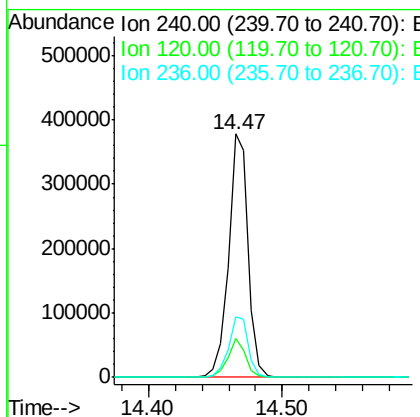
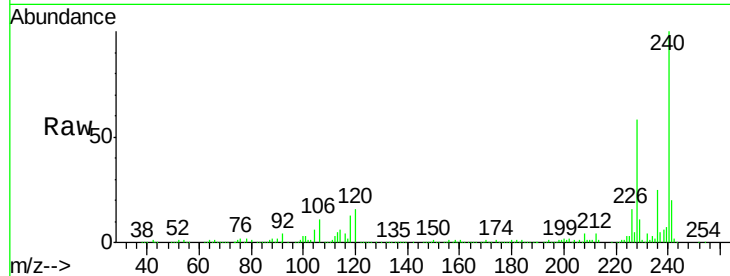
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	24.8	20.5	30.7

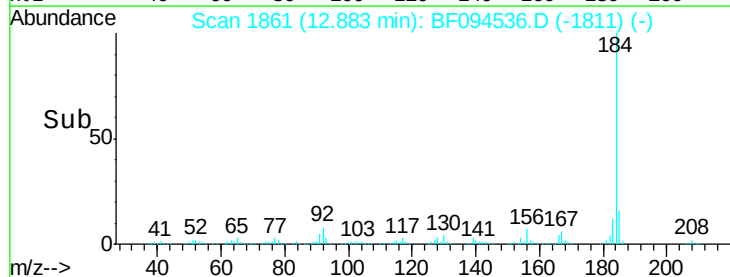
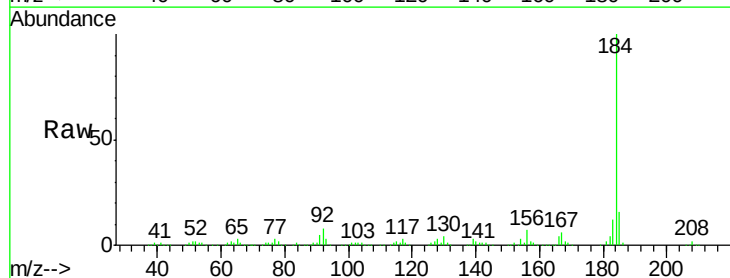
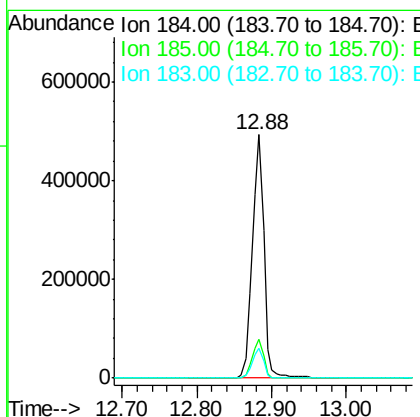
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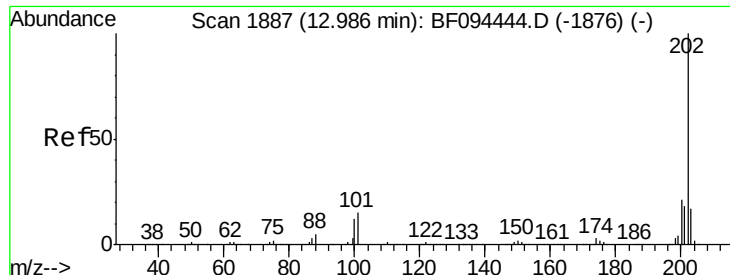
mohammad
 4/21/2017 11:35:54 AM



#76
 Benzidine
 Concen: 33.89 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	15.5	23.3
183	12.5	9.8	14.6





#77

Pvrene

Concen: 37.97 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1027647

Ion Ratio Lower Upper

202 100

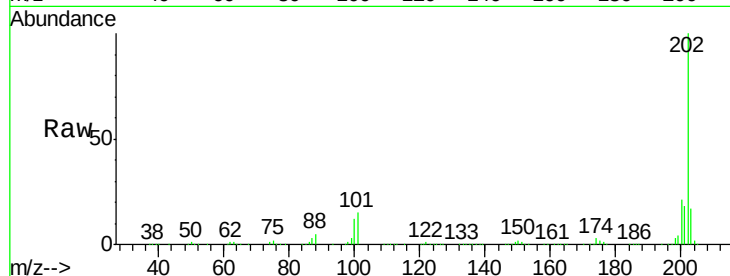
200 21.1 17.6 26.4

203 17.5 14.4 21.6

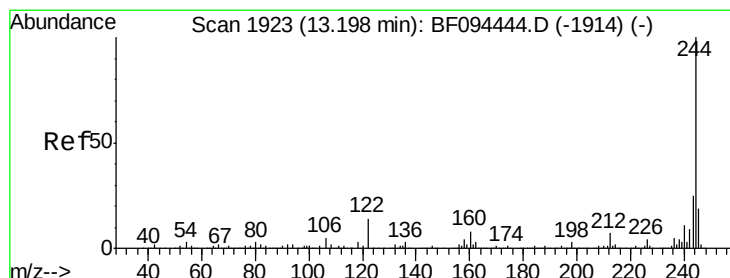
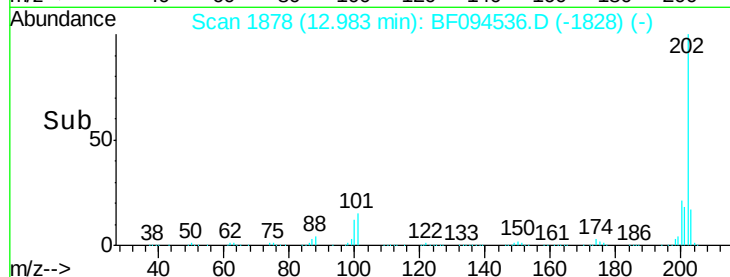
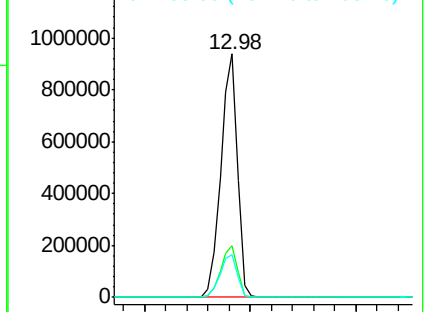
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.79 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

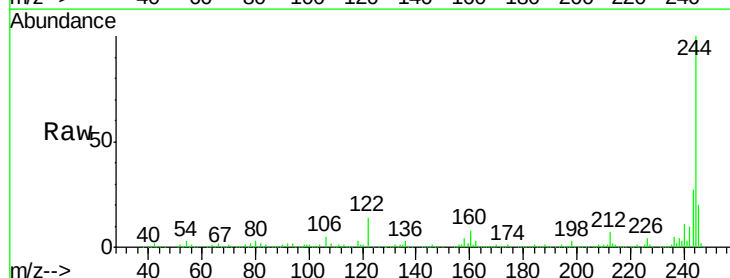
Tgt Ion:244 Resp: 1098518

Ion Ratio Lower Upper

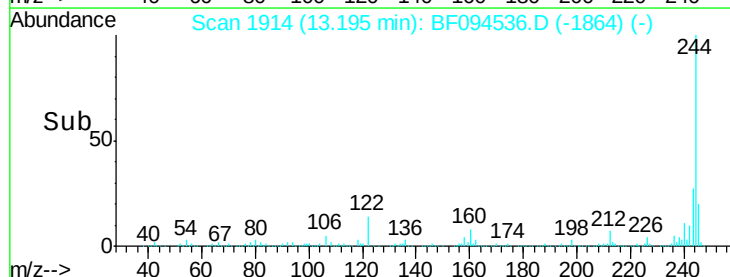
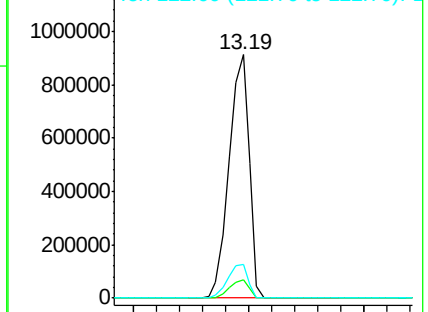
244 100

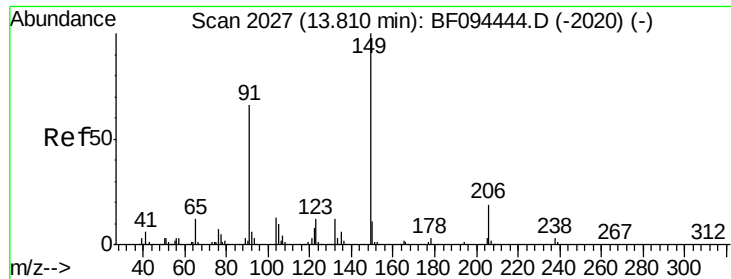
212 7.4 6.0 9.0

122 13.6 10.3 15.5



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





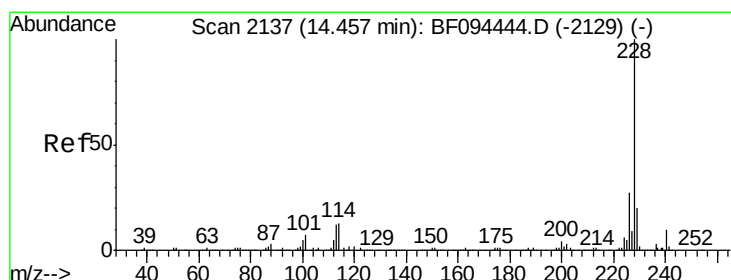
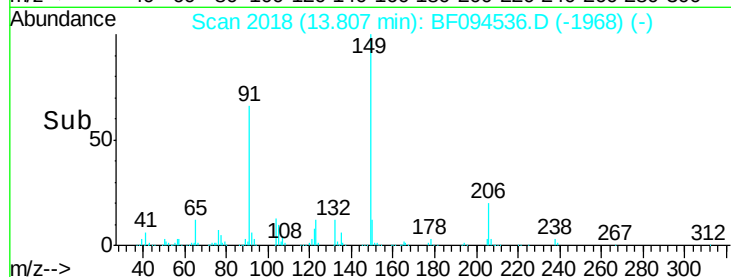
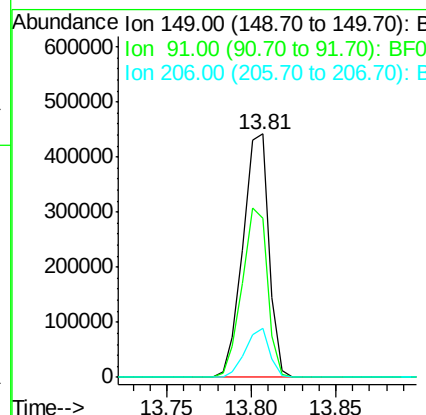
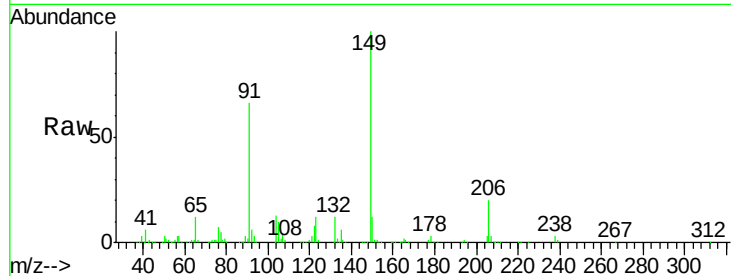
#79
Butylbenzylphthalate
Concen: 39.98 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.6	45.0	67.4
206	19.9	17.0	25.6

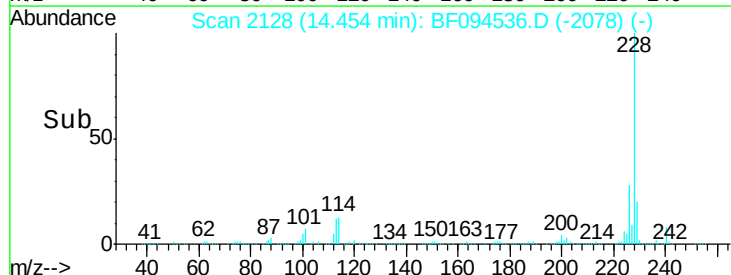
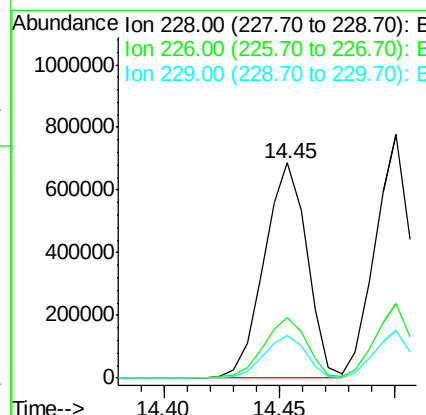
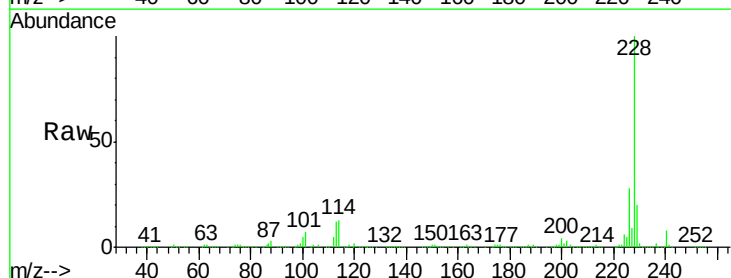
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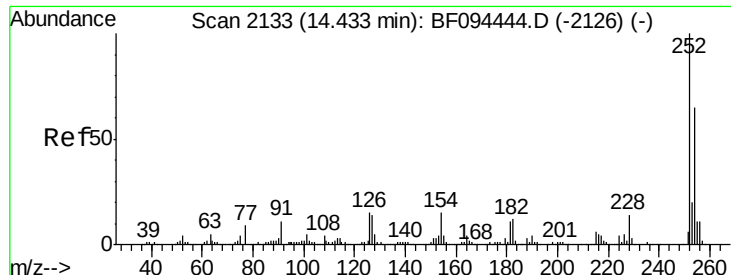
mohammad
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#80
Benzo(a)anthracene
Concen: 39.33 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	16.3	24.5





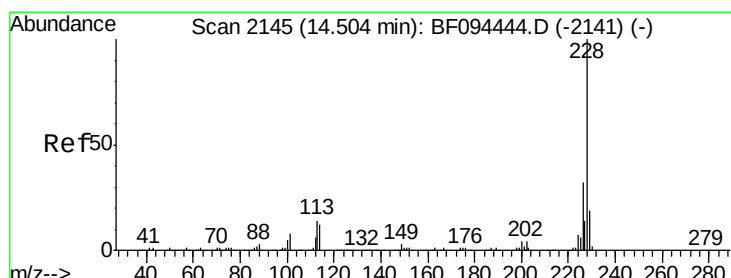
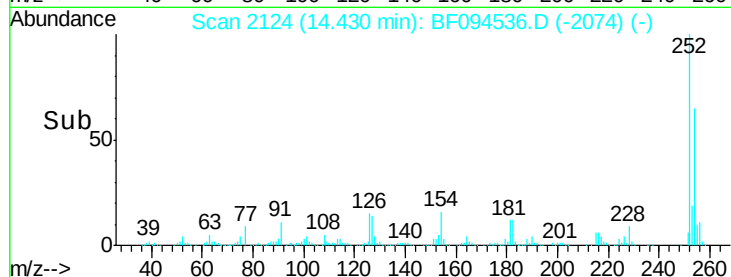
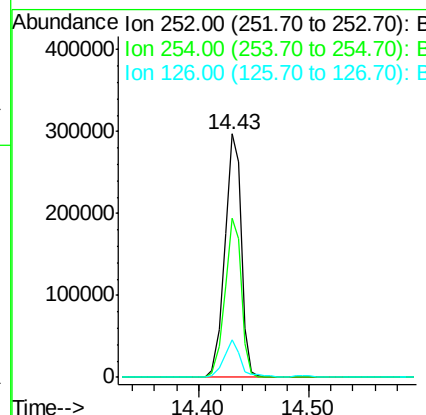
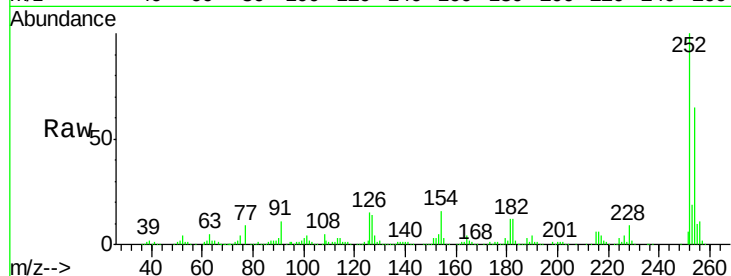
#81
 3,3'-Dichlorobenzidine
 Concen: 39.02 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	311017		
254	65.1		51.5	77.3
126	15.3		15.8	23.8

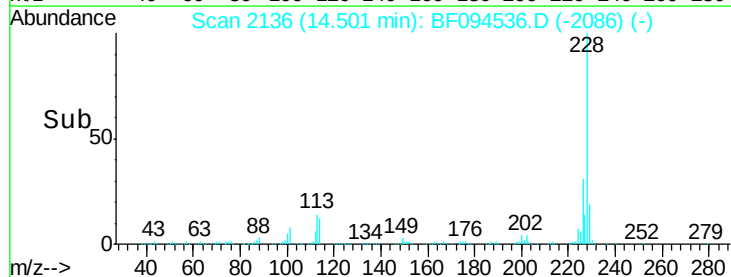
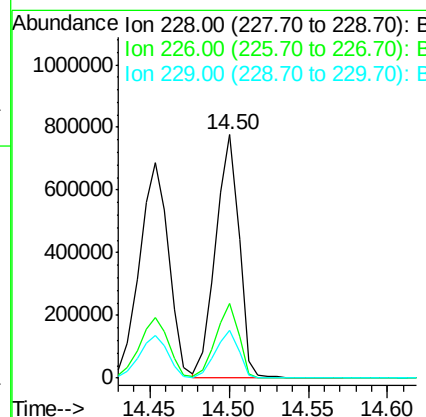
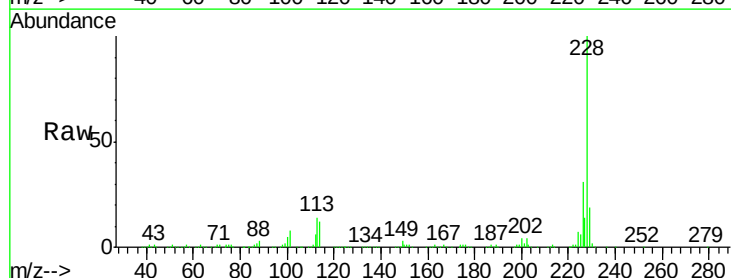
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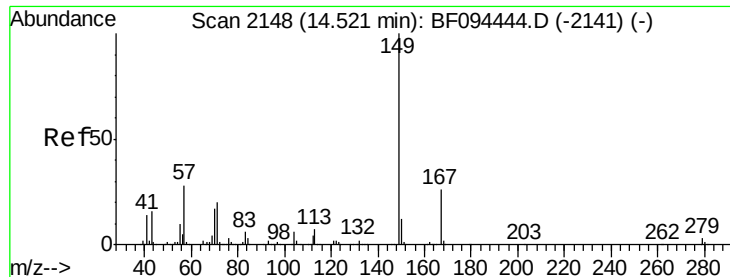
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#82
 Chrysene
 Concen: 39.03 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803158		
226	30.7		24.9	37.3
229	19.5		15.8	23.6





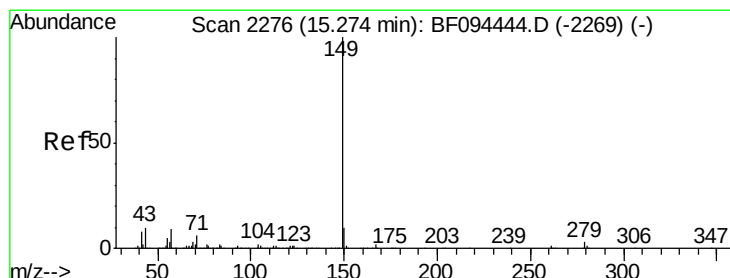
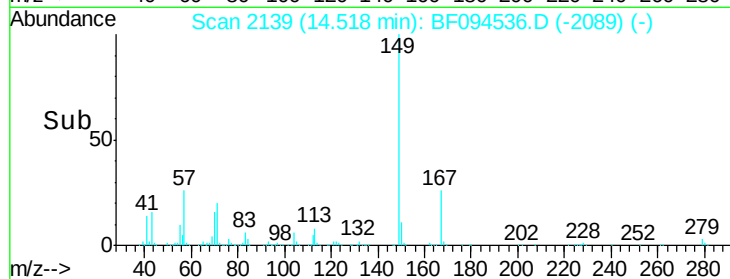
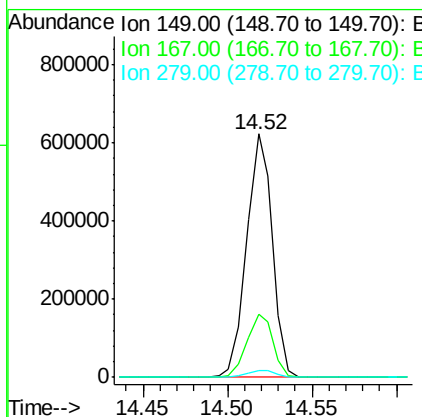
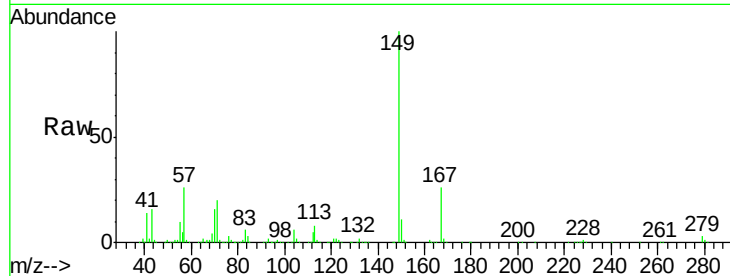
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.57 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	662048		
167	26.1		21.0	31.4
279	3.0		1.9	2.9#

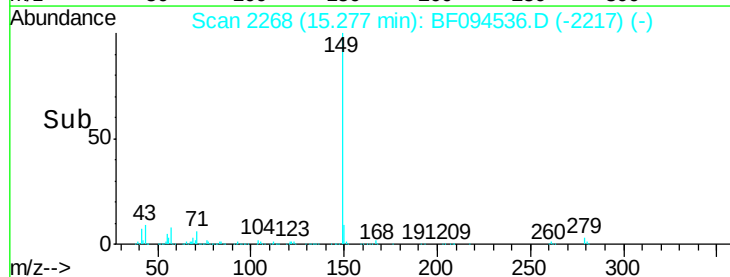
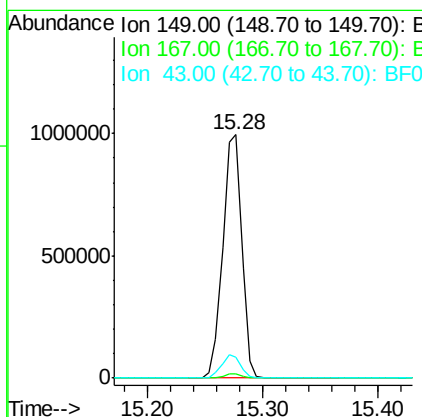
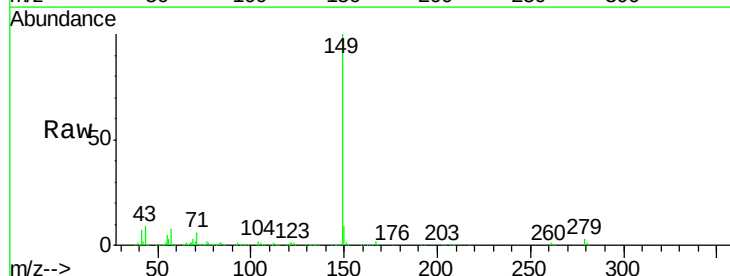
Manual Integrations
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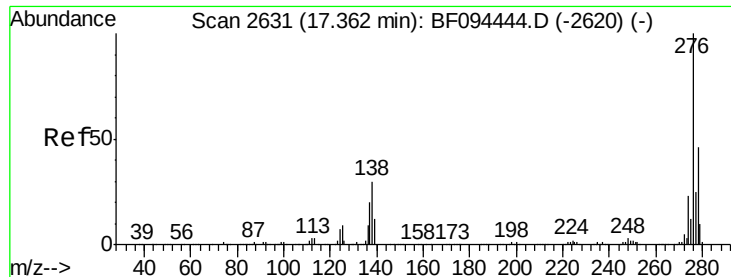
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 42.53 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1136181		
167	1.5		1.2	1.8
43	9.3		8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.12 ng

RT: 17.37 min Scan# 2623

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 805119

Ion Ratio Lower Upper

276 100

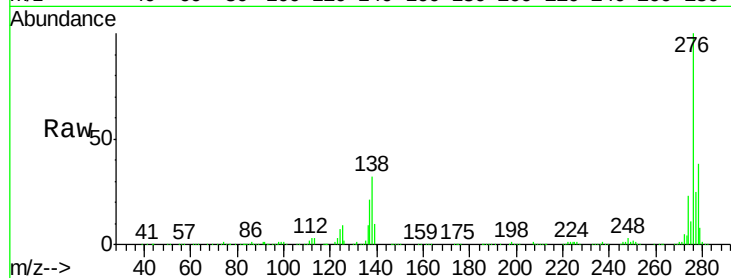
138 34.2 27.8 41.6

277 25.8 20.2 30.4

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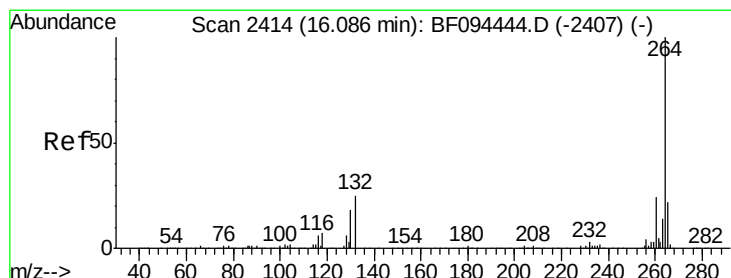
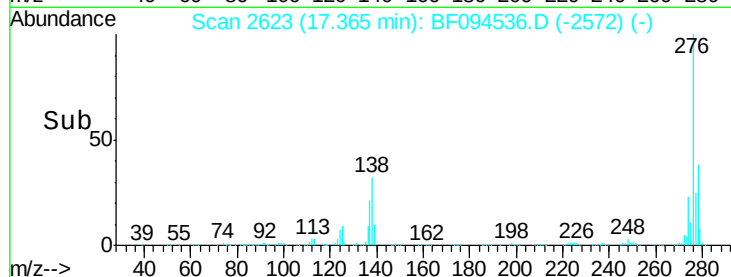
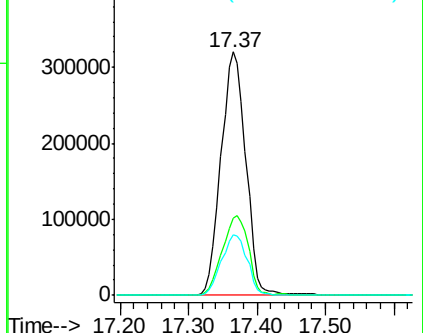
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

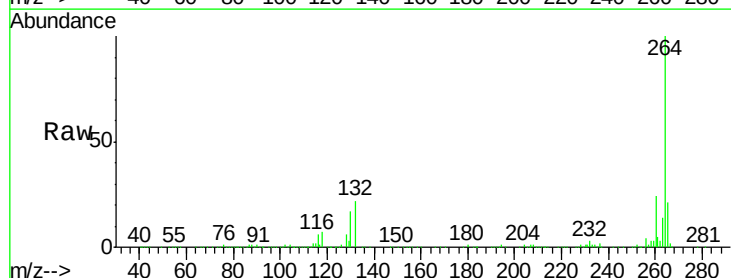
Tgt Ion:264 Resp: 356931

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

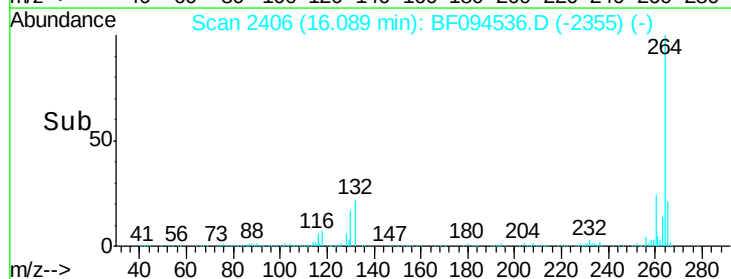
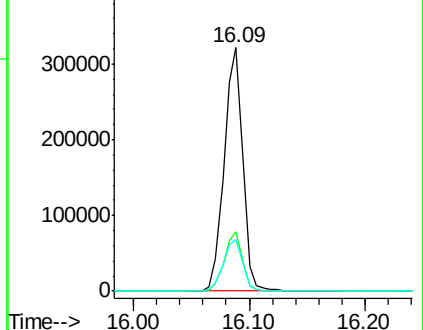
265 21.4 17.2 25.8

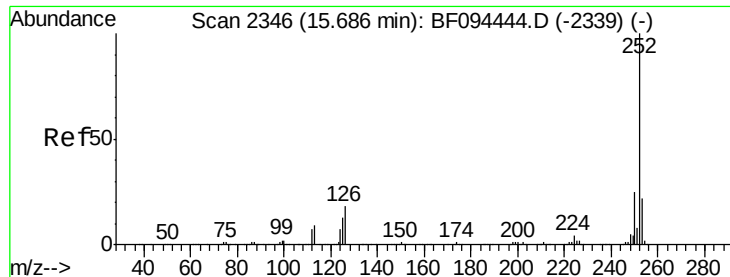


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.88 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Instrument :

BNA_F

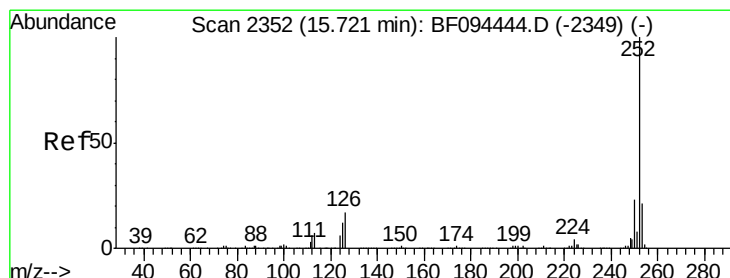
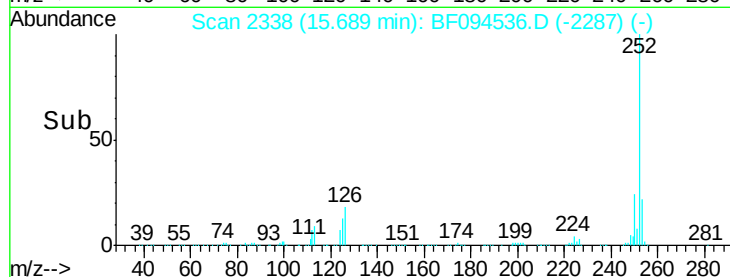
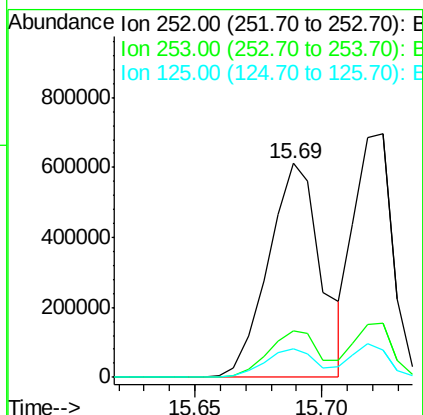
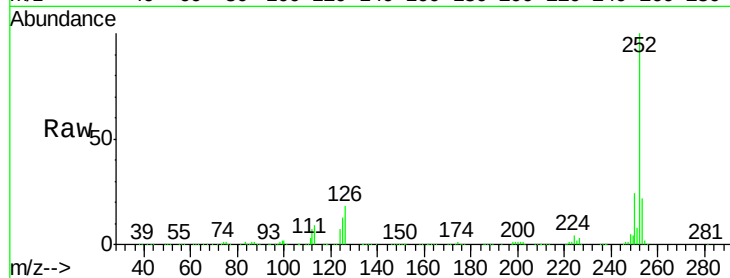
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	892515
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	13.4	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 36.08 ng m

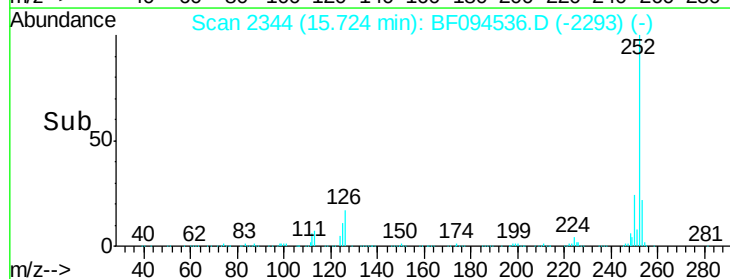
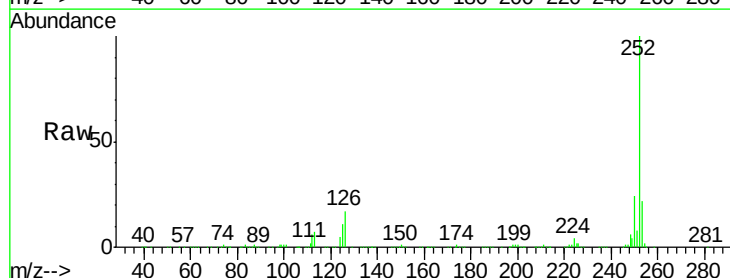
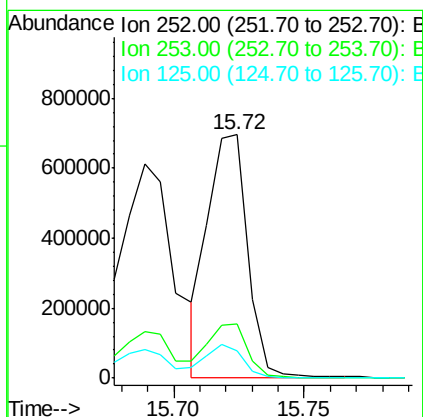
RT: 15.72 min Scan# 2344

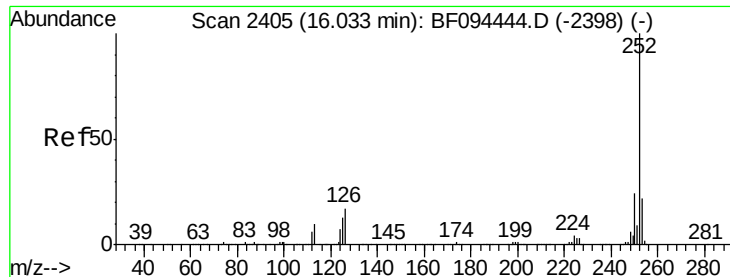
Delta R.T. 0.00 min

Lab File: BF094536.D

Acq: 20 Apr 2017 11:08

Tgt Ion:	252	Resp:	745499
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	11.3	13.1	19.7#





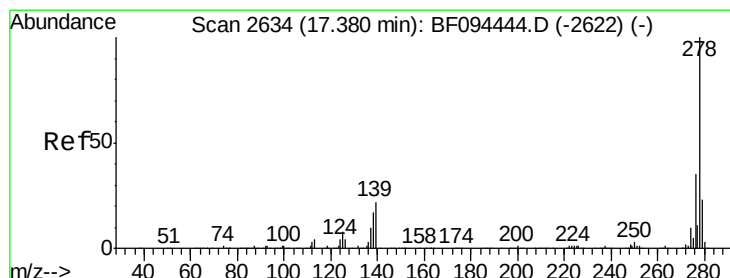
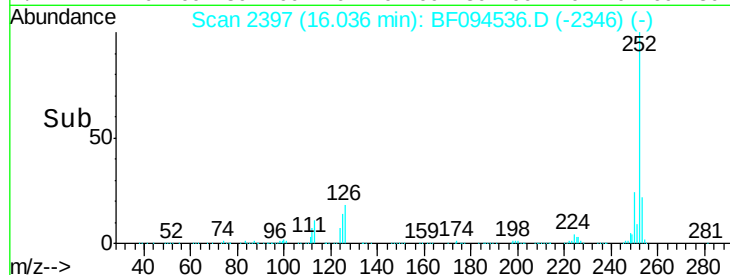
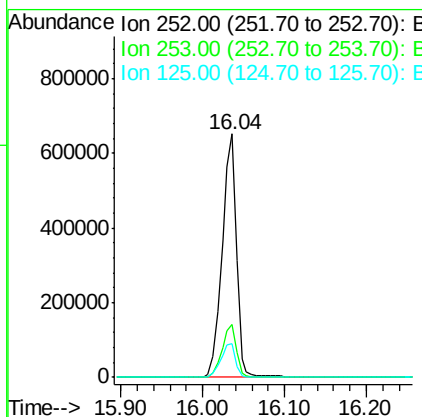
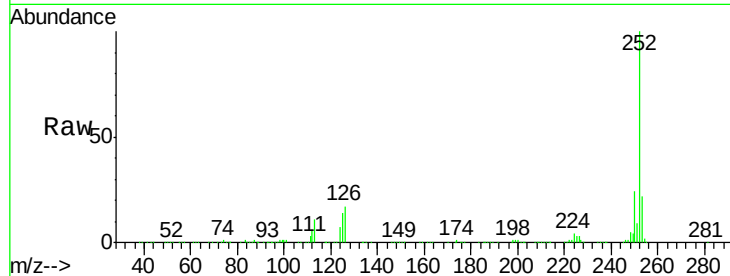
#89
Benzo(a)pyrene
Concen: 39.04 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	13.8	11.0	16.4

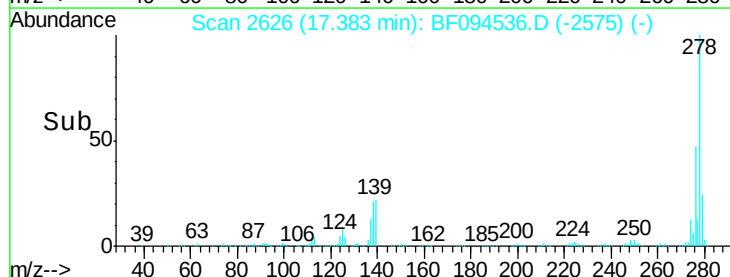
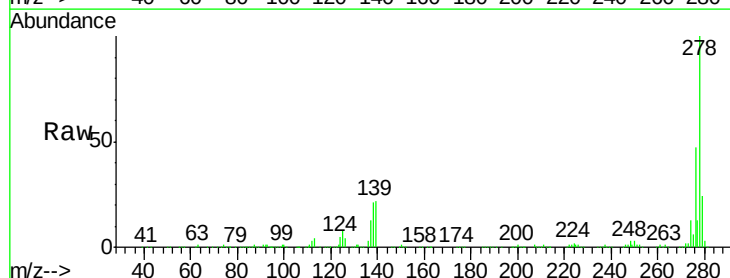
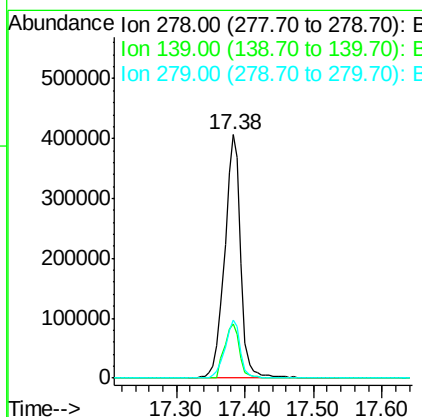
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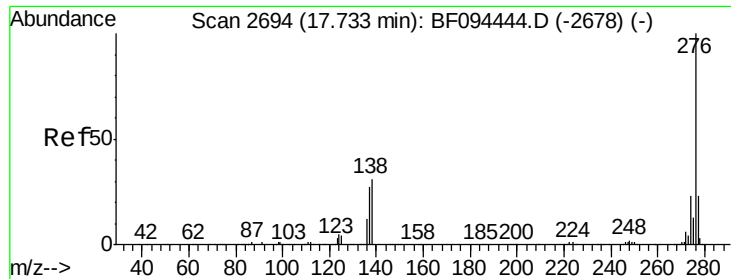
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.48 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094536.D
Acq: 20 Apr 2017 11:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	23.9	19.3	28.9





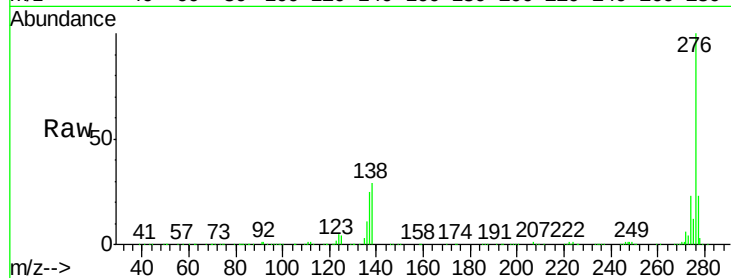
#91
 Benzo(a,h,i)perylene
 Concen: 37.91 ng
 RT: 17.74 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BF094536.D
 Acq: 20 Apr 2017 11:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	29.3	25.4	38.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

