

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
 Data File : BF095880.D
 Acq On : 12 Jun 2017 19:34
 Operator : SJ/MA
 Sample : I3583-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Manual Integrations
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mohammad
 6/13/2017 4:10:32 PM

Quant Time: Jun 13 06:03:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66097	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	278437	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	133893	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	241198	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	182400	20.00	ng	-0.04
86) Perylene-d12	19.99	264	134898	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	646238	155.79	ng	0.00
7) Phenol-d6	6.93	99	712065	143.39	ng	-0.03
23) Nitrobenzene-d5	8.27	82	479251	106.90	ng	-0.05
41) 2,4,6-Tribromophenol	13.51	330	173410	146.38	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	950876	98.83	ng	-0.05
78) Terphenyl-d14	16.98	244	796072	108.31	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	1.88	88	86148	43.657	ng	# 82
3) Pyridine	2.49	79	171103m	36.893	ng	
4) n-Nitrosodimethylamine	2.34	42	80967m	45.921	ng	94
6) Aniline	6.87	93	67146	10.335	ng	
8) 2-Chlorophenol	7.05	128	239081	54.208	ng	95
9) Benzaldehyde	6.68	77	46664	13.931	ng	97
10) Phenol	6.94	94	272335	52.867	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	216479	53.048	ng	98
12) 1,3-Dichlorobenzene	7.25	146	254106	50.901	ng	98
13) 1,4-Dichlorobenzene	7.37	146	256018	50.571	ng	97
14) 1,2-Dichlorobenzene	7.60	146	244789	52.450	ng	96
15) Benzyl Alcohol	7.66	79	193258	56.700	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.85	45	303615	52.955	ng	96
17) 2-Methylphenol	7.89	107	197593	53.385	ng	95
18) Hexachloroethane	8.12	117	87942	52.596	ng	# 86
19) n-Nitroso-di-n-propylamine	8.09	70	173103	55.005	ng	93
20) 3+4-Methylphenols	8.16	107	257780	54.866	ng	# 59
22) Acetophenone	8.05	105	347775	53.363	ng	# 83
24) Nitrobenzene	8.29	77	238528	49.806	ng	92
25) Isophorone	8.70	82	439149	52.459	ng	95
26) 2-Nitrophenol	8.81	139	137989	55.023	ng	97
27) 2,4-Dimethylphenol	8.96	122	214833	55.199	ng	99
28) bis(2-Chloroethoxy)methane	9.08	93	290700	52.680	ng	99
29) 2,4-Dichlorophenol	9.24	162	198811	53.041	ng	98
30) 1,2,4-Trichlorobenzene	9.32	180	201207	51.589	ng	99
31) Naphthalene	9.42	128	731554	52.352	ng	99
32) Benzoic acid	9.36	122	112130	46.302	ng	96
33) 4-Chloroaniline	9.59	127	62522m	11.447	ng	98
34) Hexachlorobutadiene	9.63	225	100797	50.017	ng	
35) Caprolactam	10.23	113	57371m	51.439	ng	91
36) 4-Chloro-3-methylphenol	10.46	107	212641	54.194	ng	
37) 2-Methylnaphthalene	10.55	142	495870	52.520	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	193349	48.250	ng	99
40) Hexachlorocyclopentadiene	10.79	237	104425	82.695	ng	99

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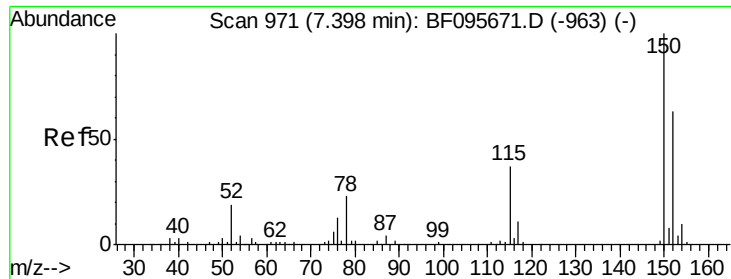
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	131383	50.994	ng	97
43) 2,4,5-Trichlorophenol	11.15	196	129035	47.085	ng	94
45) 1,1'-Biphenyl	11.31	154	556100	50.392	ng	96
46) 2-Chloronaphthalene	11.33	162	432026	50.106	ng	96
47) 2-Nitroaniline	11.55	65	126005	49.939	ng	# 82
48) Acenaphthylene	11.98	152	680406	46.148	ng	99
49) Dimethylphthalate	11.87	163	423961	41.704	ng	98
50) 2,6-Dinitrotoluene	11.97	165	91517	41.272	ng	# 74
51) Acenaphthene	12.26	154	406117	47.693	ng	99
52) 3-Nitroaniline	12.23	138	67377	26.080	ng	87
53) 2,4-Dinitrophenol	12.45	184	106800	84.652	ng	# 67
54) Dibenzofuran	12.55	168	623726	52.044	ng	98
55) 4-Nitrophenol	12.64	139	118702	78.769	ng	# 72
56) 2,4-Dinitrotoluene	12.64	165	156646	52.301	ng	# 90
57) Fluorene	13.10	166	501179	48.054	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	104430	55.694	ng	# 91
59) Diethylphthalate	13.02	149	443871	45.369	ng	99
60) 4-Chlorophenyl-phenylether	13.13	204	220087	48.525	ng	90
61) 4-Nitroaniline	13.24	138	116946	48.482	ng	97
62) Azobenzene	13.39	77	428973	48.379	ng	94
64) 4,6-Dinitro-2-methylphenol	13.31	198	76936	48.528	ng	# 72
65) n-Nitrosodiphenylamine	13.34	169	386040	44.542	ng	99
66) 4-Bromophenyl-phenylether	13.91	248	128496	51.260	ng	98
67) Hexachlorobenzene	13.99	284	126762	51.318	ng	# 88
68) Atrazine	14.27	200	121673	50.443	ng	96
69) Pentachlorophenol	14.36	266	79467	84.446	ng	97
70) Phenanthrene	14.64	178	701061	50.375	ng	98
71) Anthracene	14.73	178	718992	49.486	ng	98
72) Carbazole	15.02	167	672849	47.521	ng	97
73) Di-n-butylphthalate	15.62	149	797420	52.937	ng	98
74) Fluoranthene	16.42	202	698787	50.731	ng	99
76) Benzidine	16.66	184	67234	9.598	ng	# 91
77) Pyrene	16.72	202	719817	52.889	ng	100
79) Butylbenzylphthalate	17.64	149	328486	55.265	ng	# 85
80) Benzo(a)anthracene	18.31	228	542176	51.125	ng	98
81) 3,3'-Dichlorobenzidine	18.30	252	87567	23.225	ng	# 95
82) Chrysene	18.36	228	511523	48.266	ng	100
83) Bis(2-ethylhexyl)phthalate	18.40	149	459435	54.796	ng	# 99
84) Di-n-octyl phthalate	19.16	149	693956	50.228	ng	96
85) Indeno(1,2,3-cd)pyrene	21.16	276	416545	45.937	ng	99
87) Benzo(b)fluoranthene	19.58	252	435620	51.572	ng	97
88) Benzo(k)fluoranthene	19.61	252	384636	47.640	ng	96
89) Benzo(a)pyrene	19.93	252	383442	49.389	ng	100
90) Dibenzo(a,h)anthracene	21.16	278	345048	52.394	ng	98
91) Benzo(g,h,i)perylene	21.48	276	364771	54.330	ng	98

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



#1

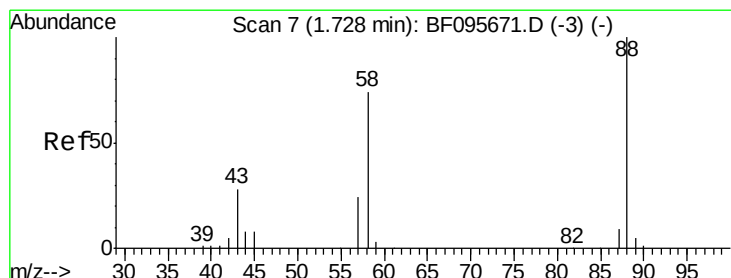
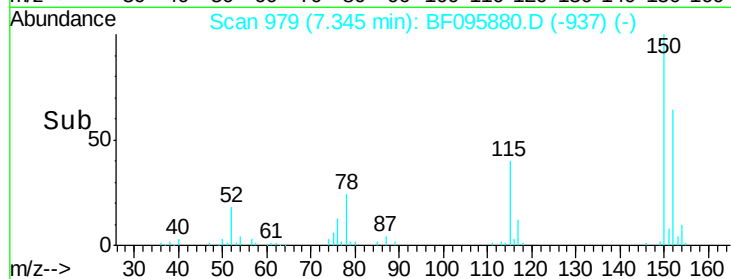
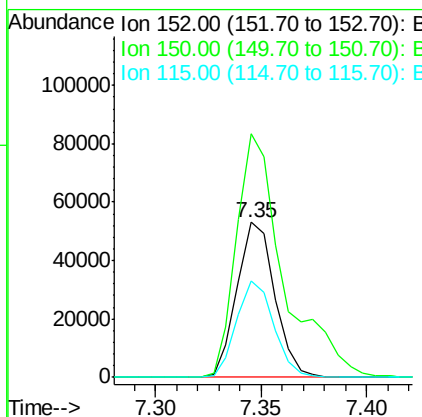
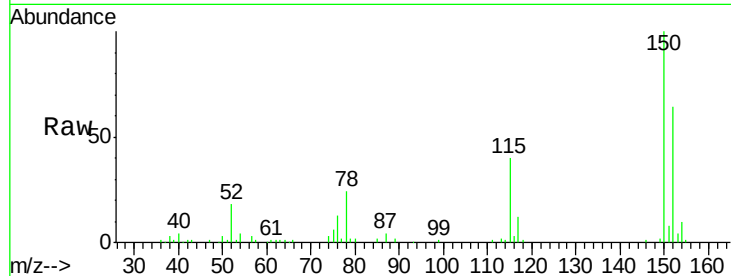
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.35 min Scan# 979
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampled :
RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	62.4	52.2	78.2

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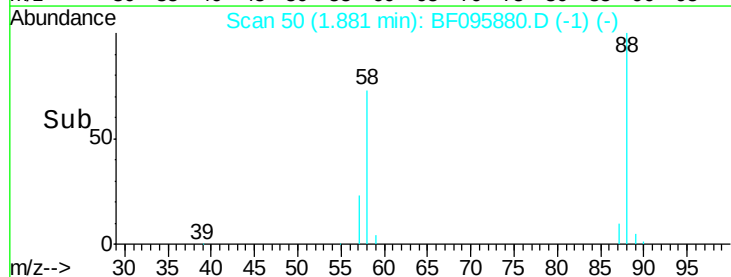
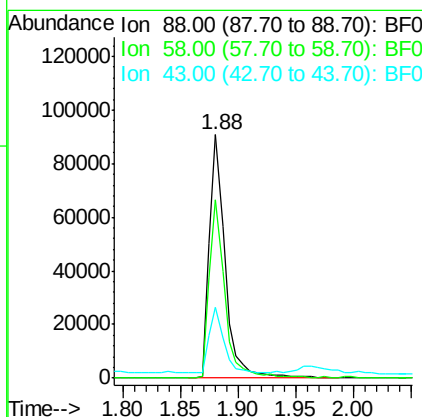
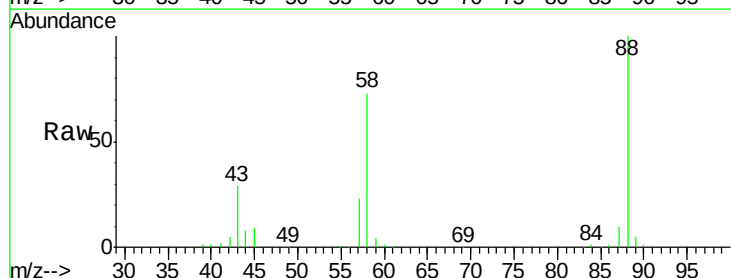
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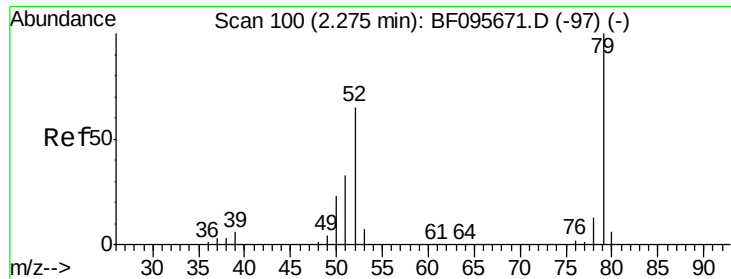


#2

1,4-Dioxane
Concen: 43.657 ng
RT: 1.88 min Scan# 50
Delta R.T. 0.15 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	61.4	92.0
43	0.0	23.4	35.0





#3

Pyridine

Concen: 36.893 ng m

RT: 2.49 min Scan# 153

Delta R.T. 0.21 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

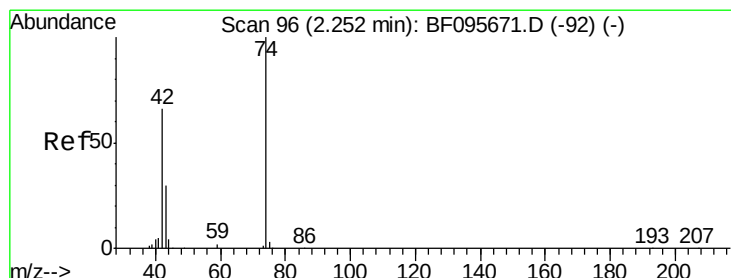
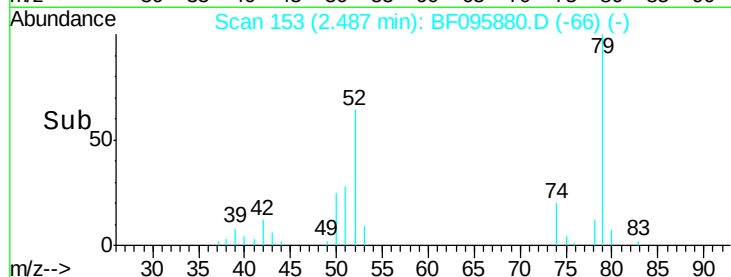
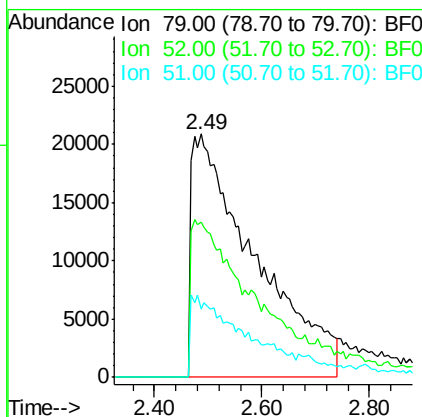
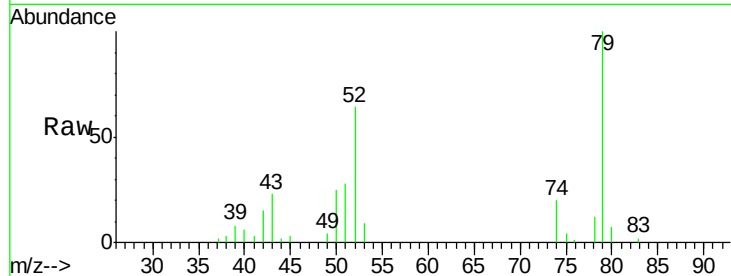
ClientSampleId :

RO-2342MSD

Tgt Ion:	79	Resp:	171103
Ion	Ratio	Lower	Upper
79	100		
52	64.0	54.8	82.2
51	28.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 45.921 ng m

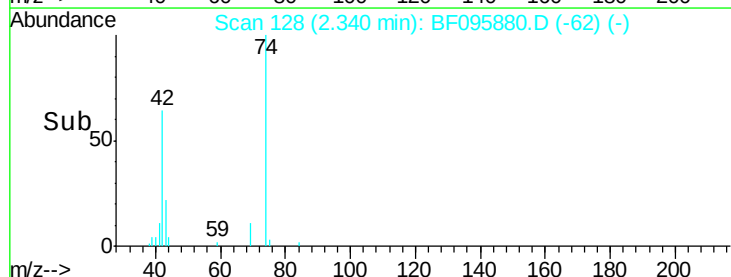
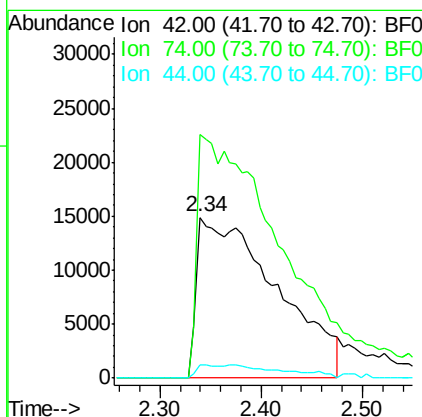
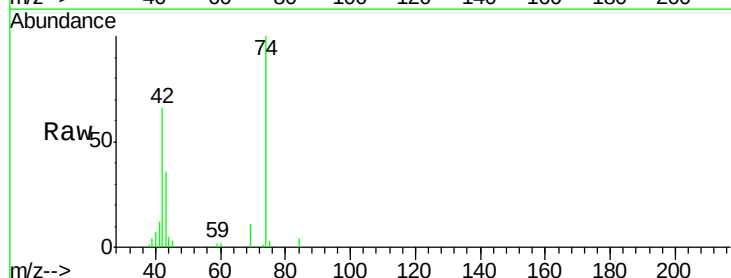
RT: 2.34 min Scan# 128

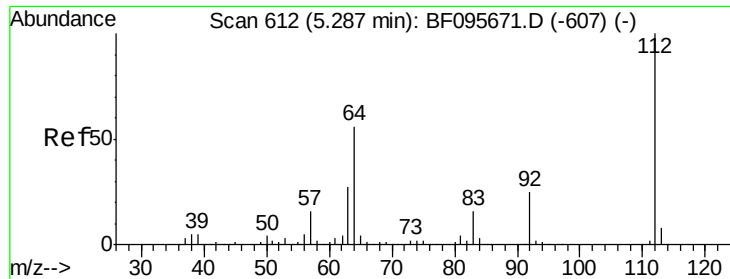
Delta R.T. 0.09 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	42	Resp:	80967
Ion	Ratio	Lower	Upper
42	100		
74	151.7	103.9	155.9
44	8.2	5.7	8.5





#5

2-Fluorophenol

Concen: 155.794 ng

RT: 5.29 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

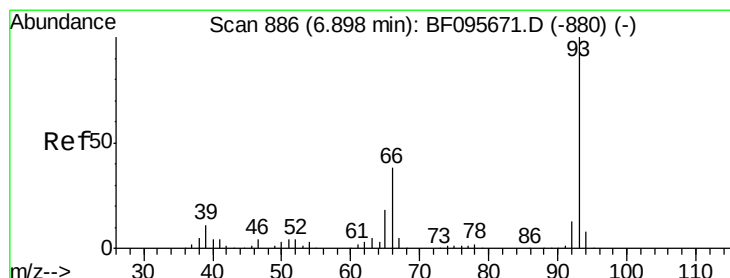
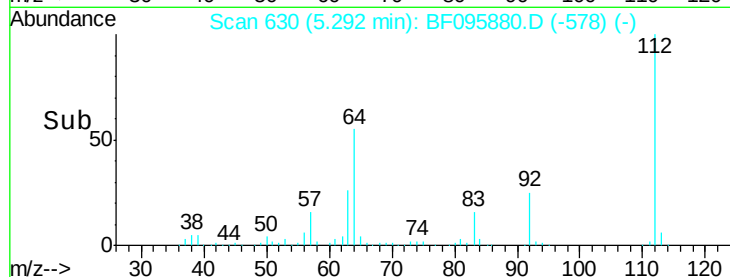
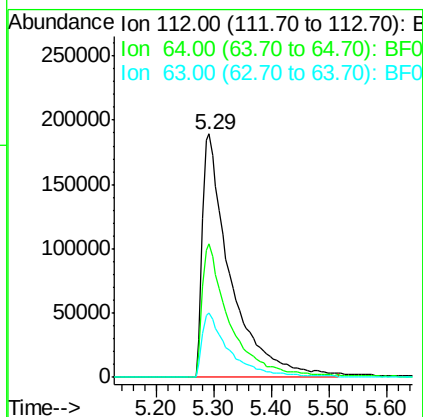
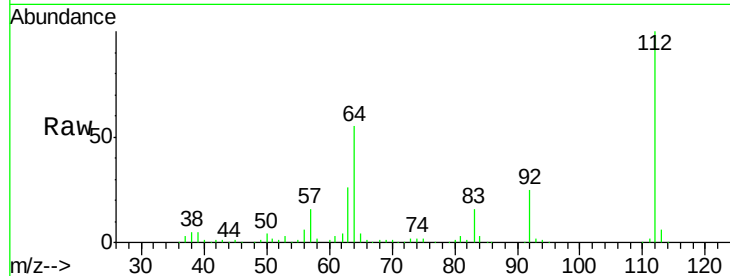
ClientSampleId :

RO-2342MSD

Tgt Ion:	112	Resp:	646238
Ion Ratio	Lower	Upper	
112	100		
64	54.8	46.0	69.0
63	26.5	23.4	35.0

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#6

Aniline

Concen: 10.335 ng

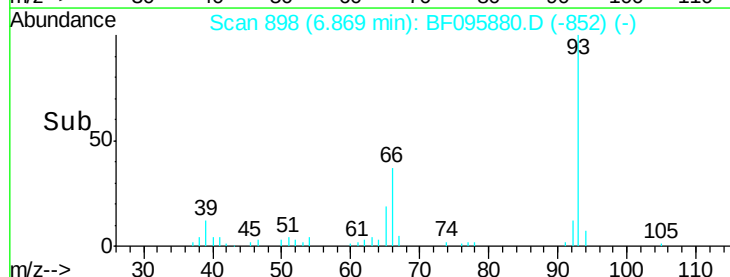
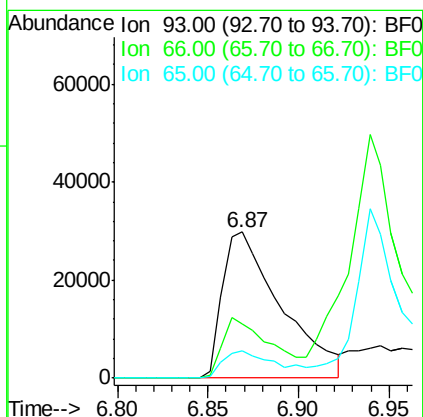
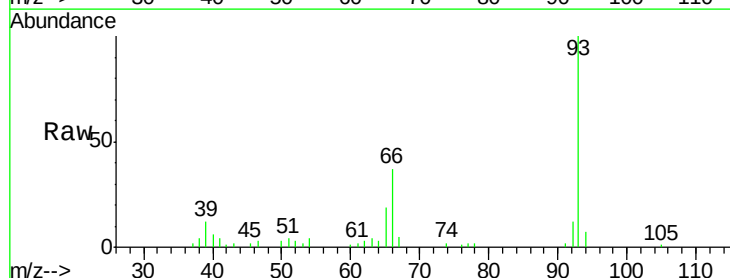
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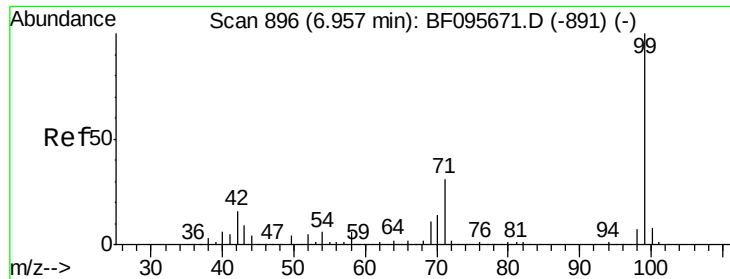
Delta R.T. -0.03 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	93	Resp:	67146
Ion Ratio	Lower	Upper	
93	100		
66	36.8	32.9	49.3
65	18.6	16.0	24.0





#7

Phenol-d6

Concen: 143.391 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

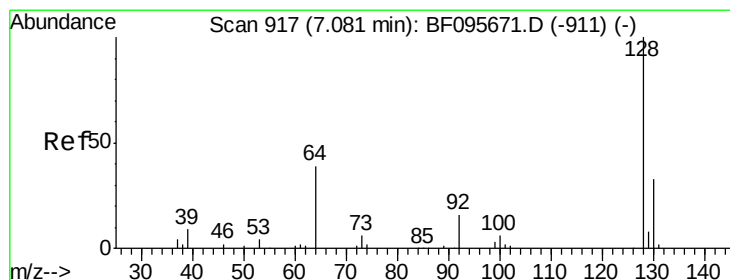
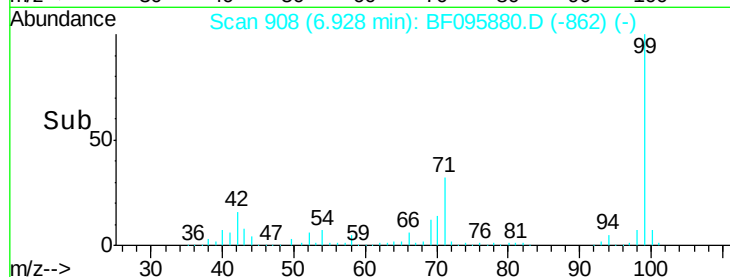
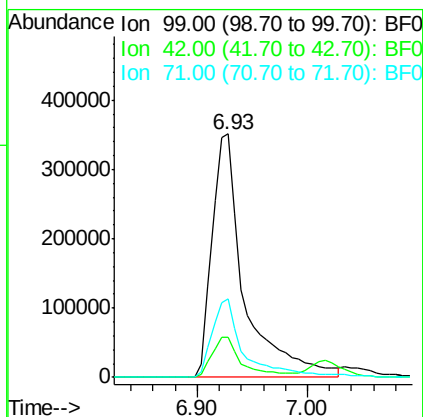
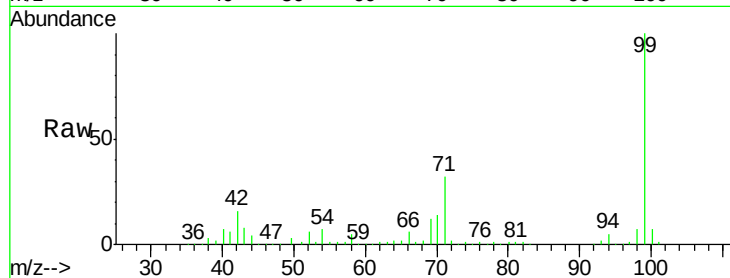
ClientSampleId :

RO-2342MSD

Tgt Ion:	99	Resp:	712065
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	32.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 54.208 ng

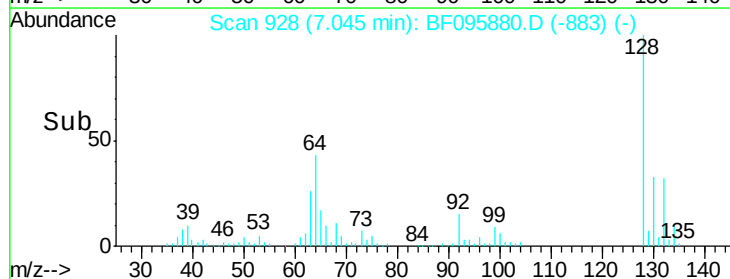
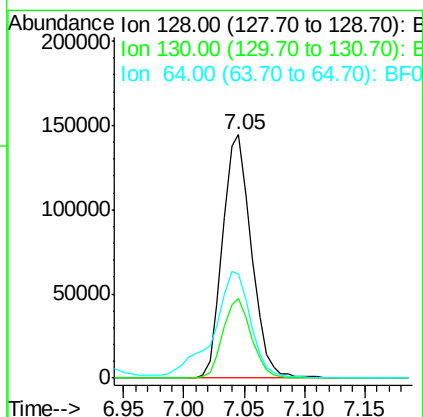
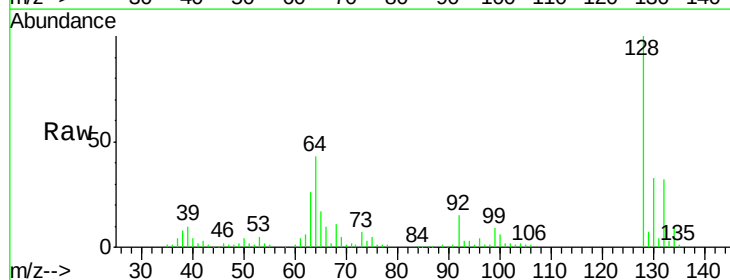
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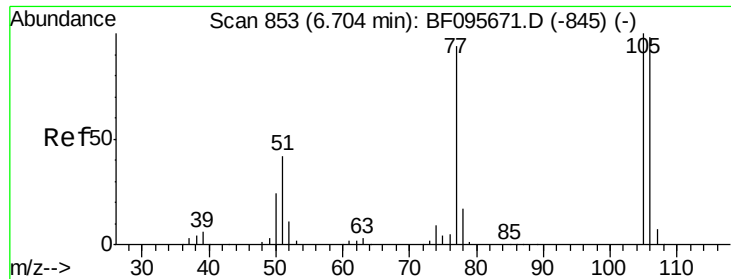
Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	128	Resp:	239081
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.9	52.9
64	42.5	28.4	68.4





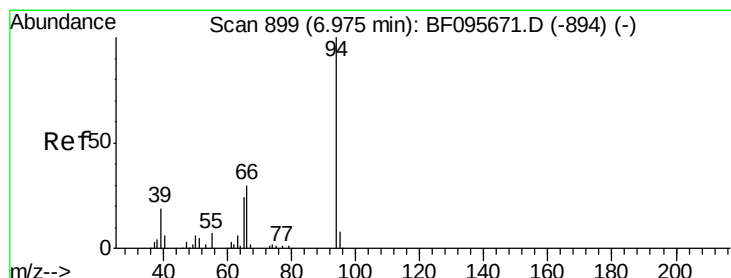
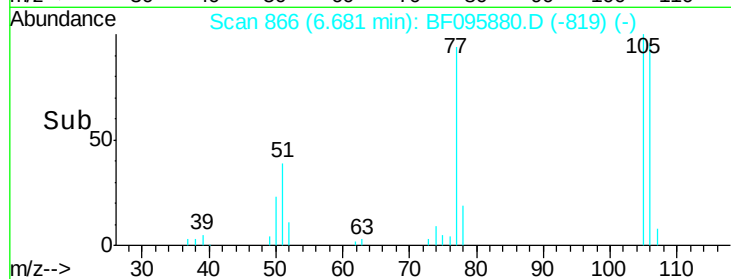
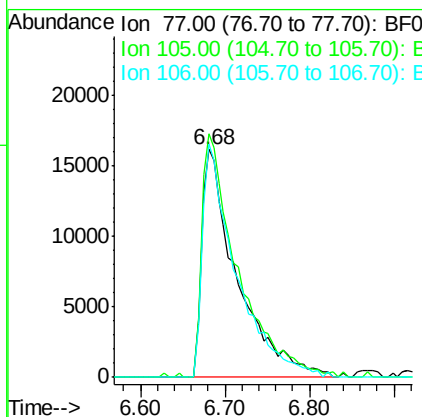
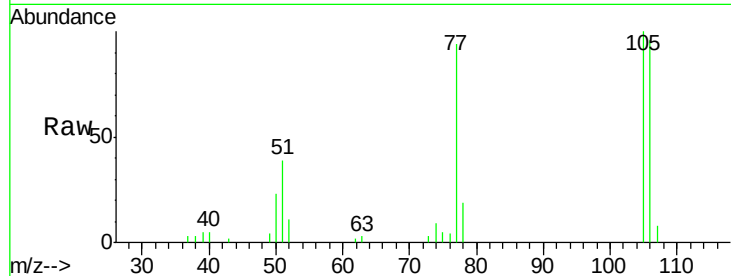
#9
Benzaldehyde
Concen: 13.931 ng
RT: 6.68 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion: 77 Resp: 46664
Ion Ratio Lower Upper
77 100
105 106.9 83.8 123.8
106 102.3 79.1 119.1

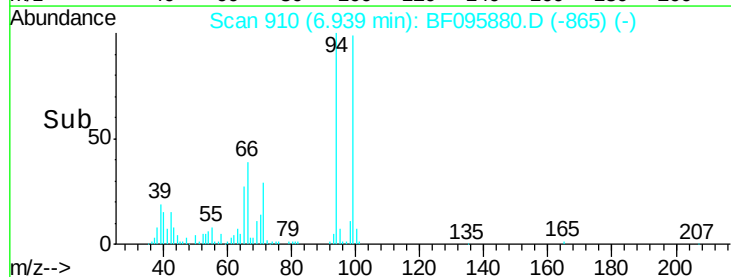
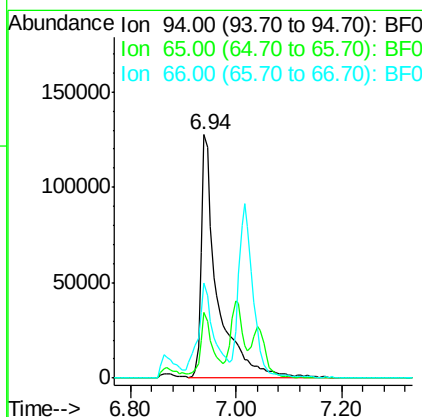
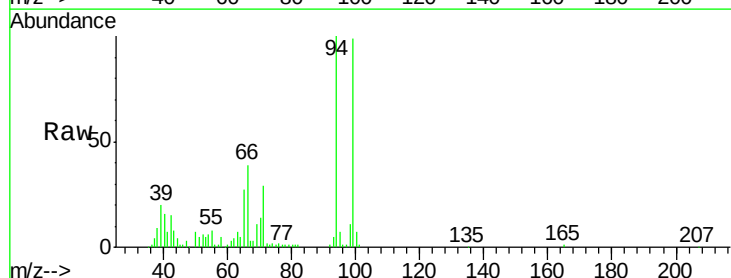
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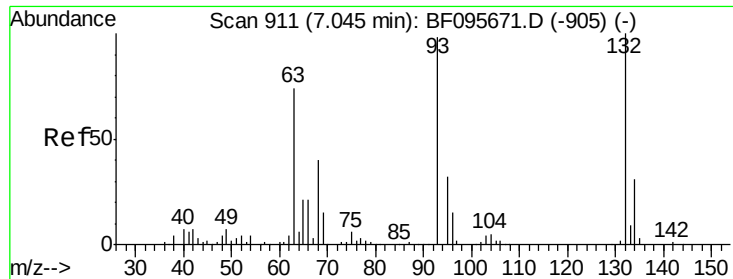
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#10
Phenol
Concen: 52.867 ng
RT: 6.94 min Scan# 910
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion: 94 Resp: 272335
Ion Ratio Lower Upper
94 100
65 27.1 9.9 49.9
66 38.9 23.1 63.1





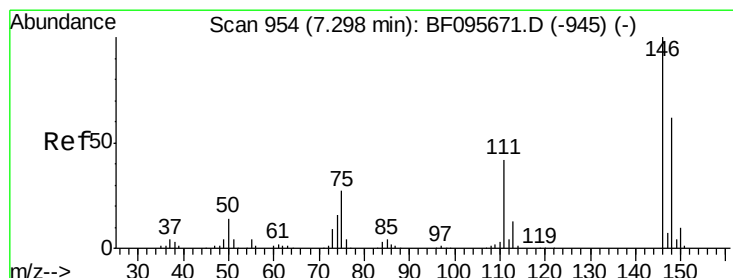
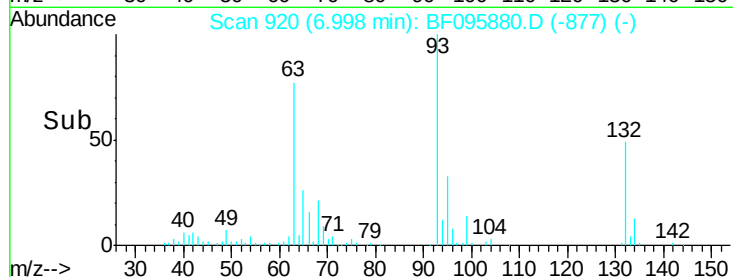
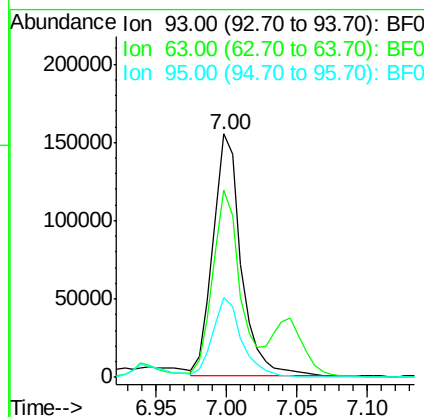
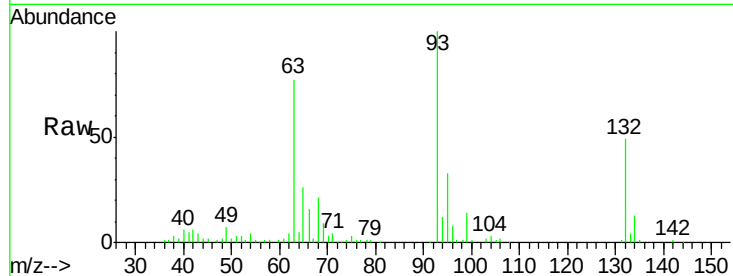
#11
bis(2-Chloroethyl)ether
Concen: 53.048 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.8	59.2	99.2
95	32.8	12.8	52.8

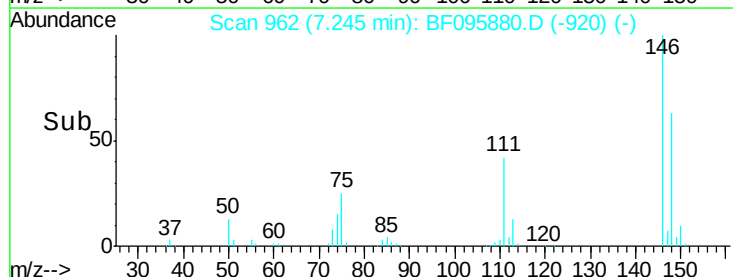
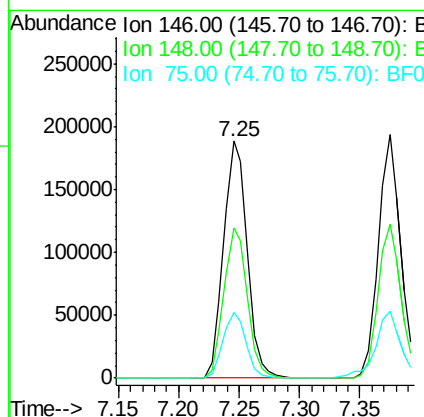
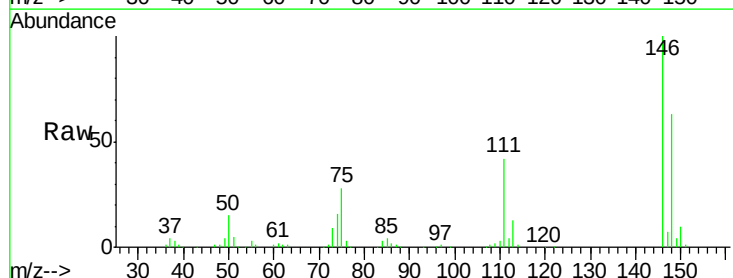
Manual Integrations
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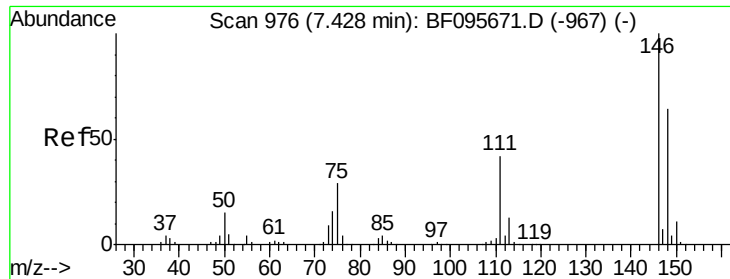
mohammad
6/13/2017 4:10:32 PM



#12
1,3-Dichlorobenzene
Concen: 50.901 ng
RT: 7.25 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
75	27.9	23.1	34.7





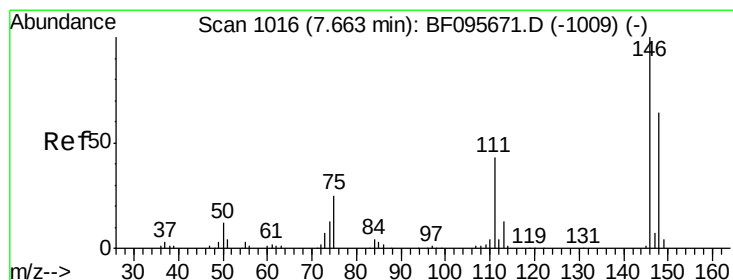
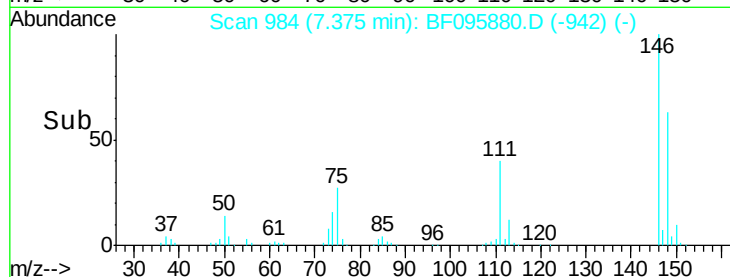
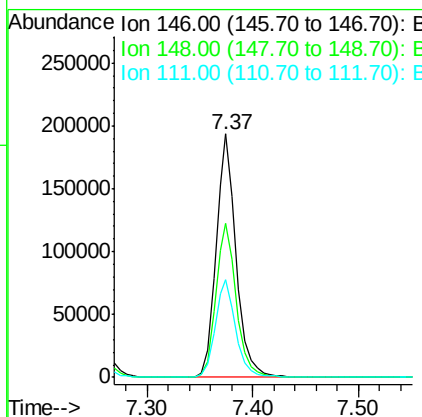
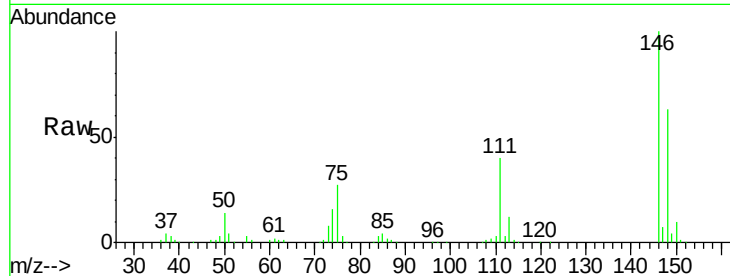
#13
1,4-Dichlorobenzene
Concen: 50.571 ng
RT: 7.37 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	256018		
148	63.4	52.2	78.2	
111	40.3	30.3	45.5	

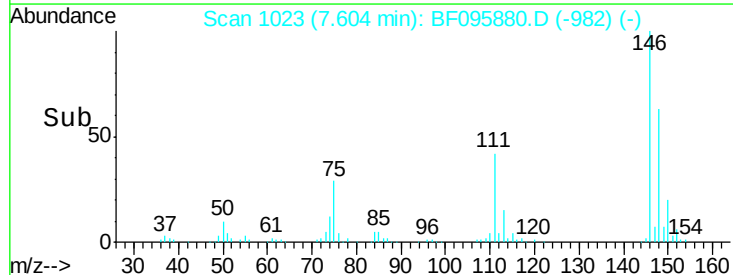
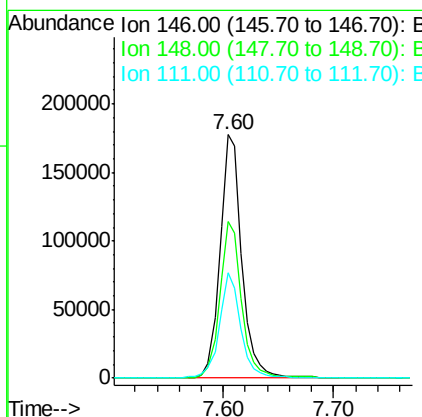
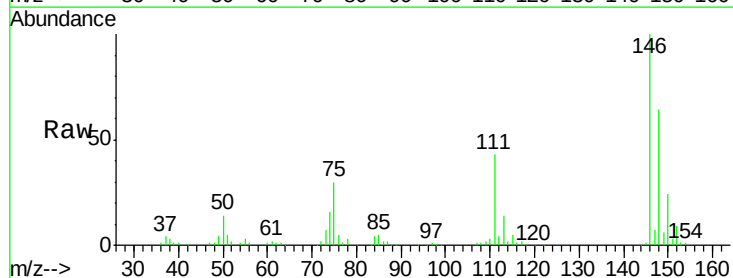
Manual Integrations
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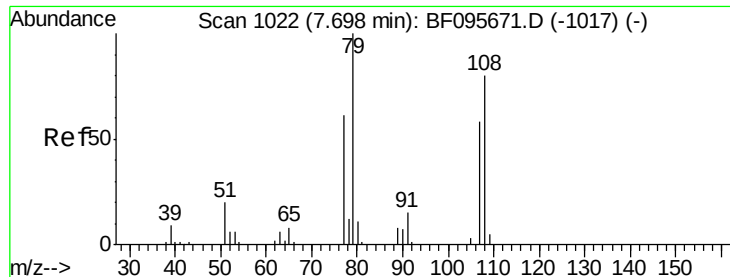
mohammad
6/13/2017 4:10:32 PM



#14
1,2-Dichlorobenzene
Concen: 52.450 ng
RT: 7.60 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244789		
148	64.3	50.4	75.6	
111	43.2	38.2	57.4	





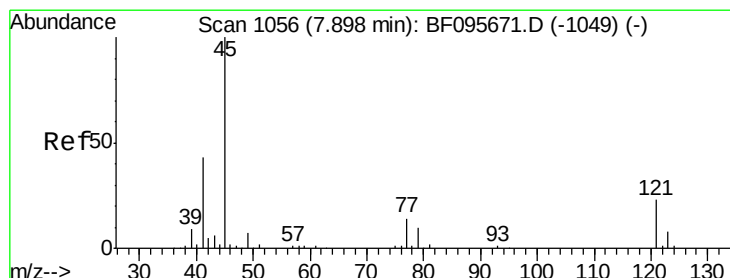
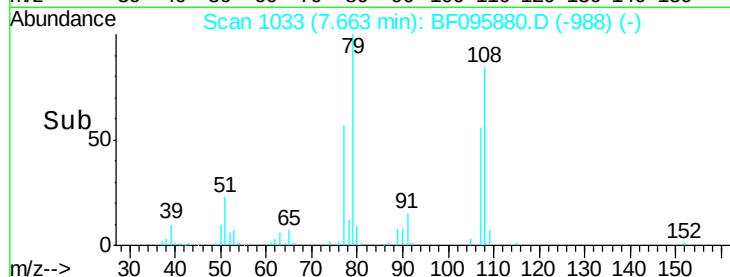
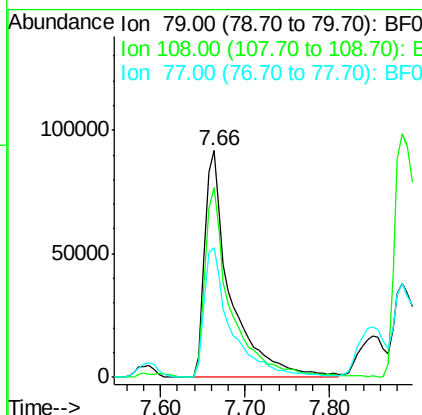
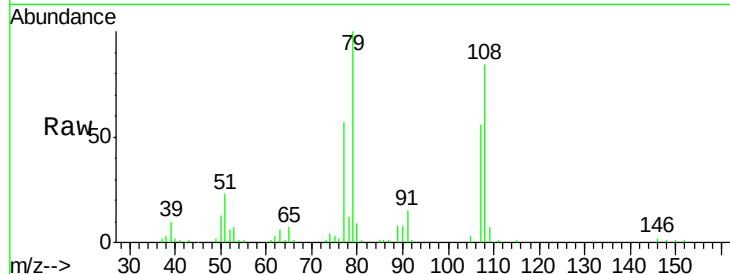
#15
Benzyl Alcohol
Concen: 56.700 ng
RT: 7.66 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	193258		
108	83.8	63.4	95.0	
77	57.3	49.2	73.8	

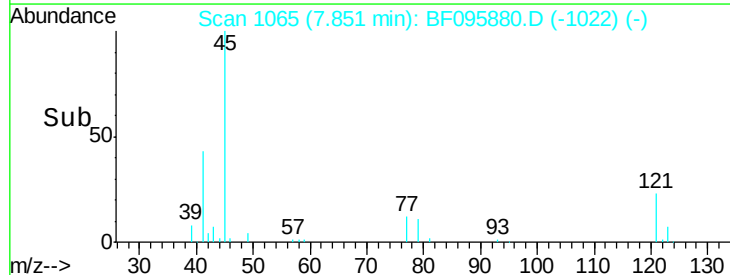
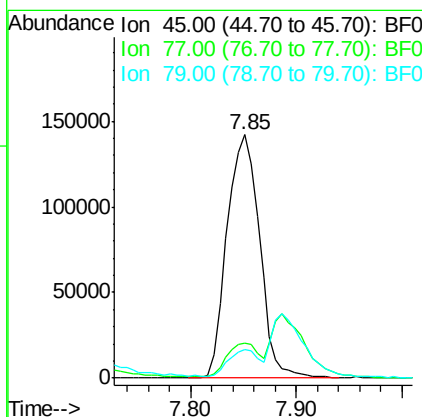
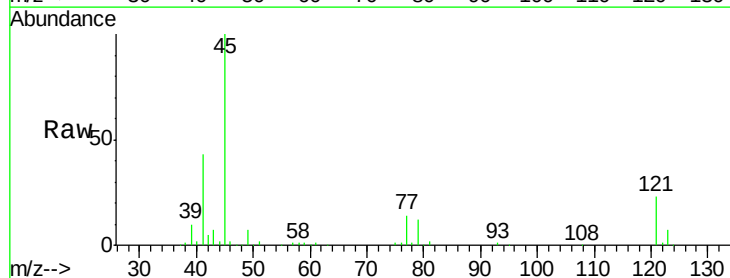
Manual Integrations
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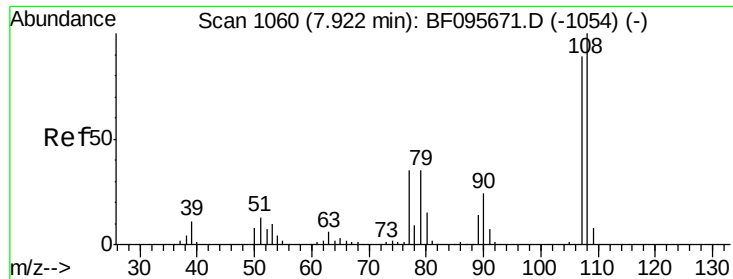
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 52.955 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	303615		
77	14.3	0.0	33.2	
79	11.7	0.0	30.0	





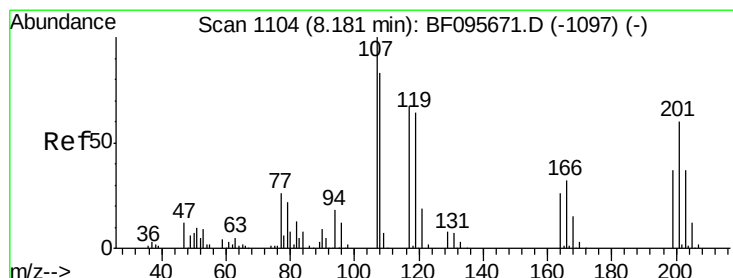
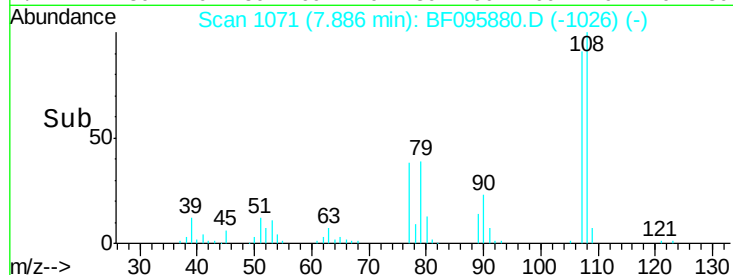
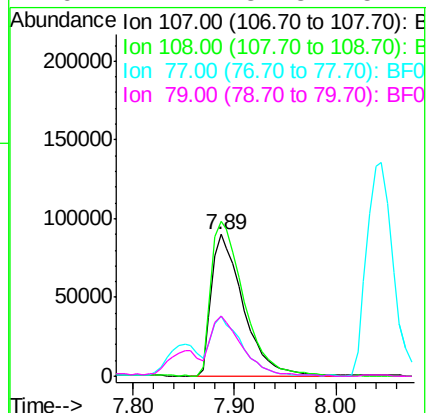
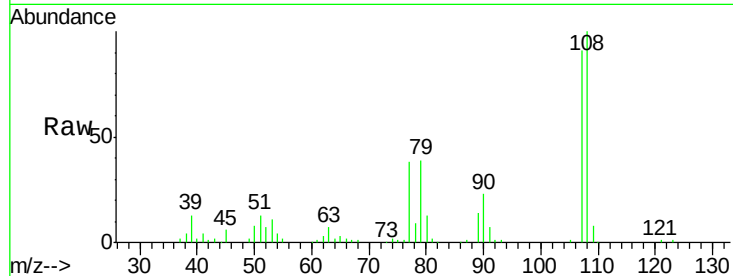
#17
2-Methylphenol
Concen: 53.385 ng
RT: 7.89 min Scan# 1071
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	197593		
108	109.5	93.4	140.0	
77	42.2	35.8	53.6	
79	42.2	34.8	52.2	

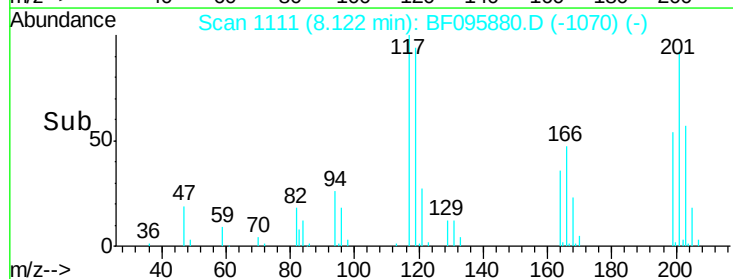
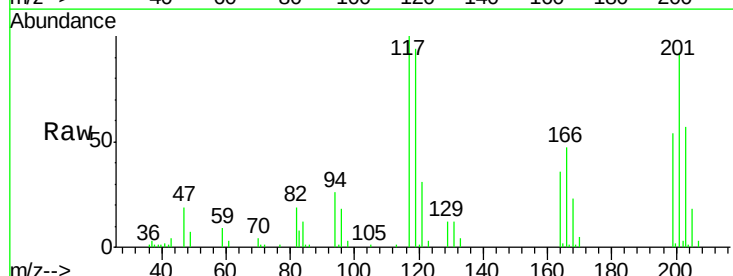
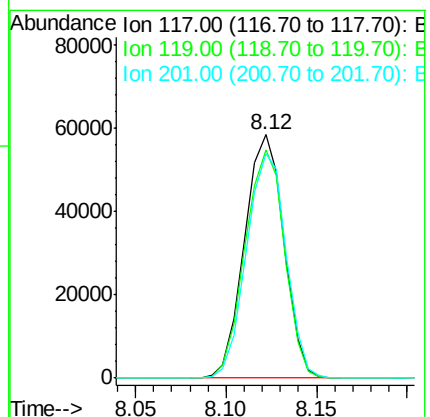
Manual Integrations
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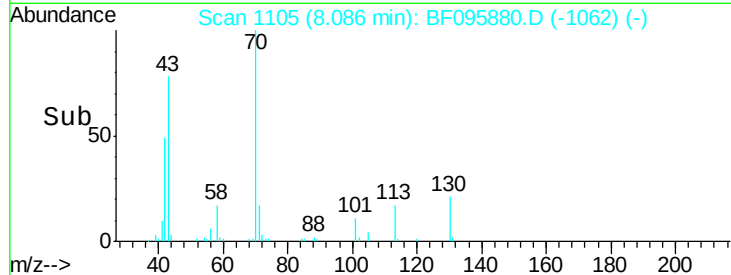
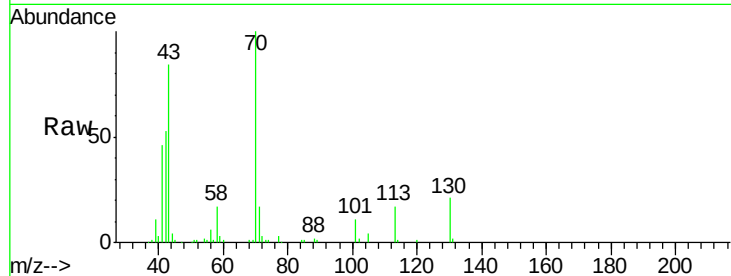
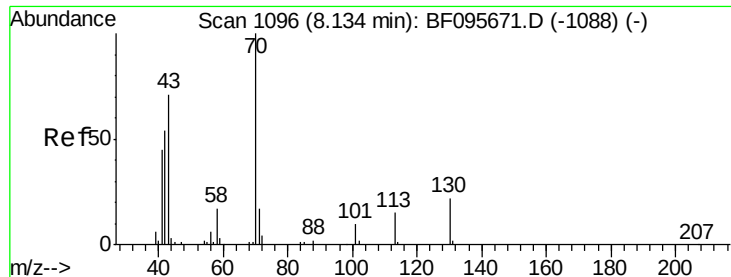
mohammad
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#18
Hexachloroethane
Concen: 52.596 ng
RT: 8.12 min Scan# 1111
Delta R.T. -0.06 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	87942		
119	93.6	77.4	116.0	
201	92.1	94.6	141.8#	





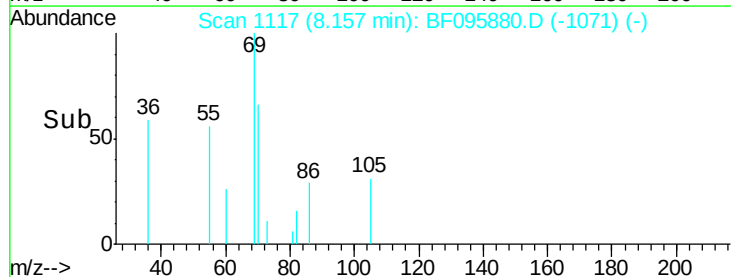
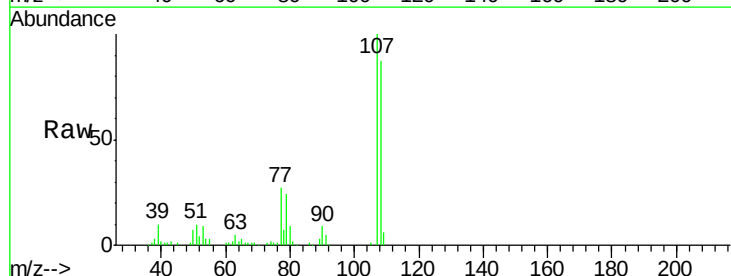
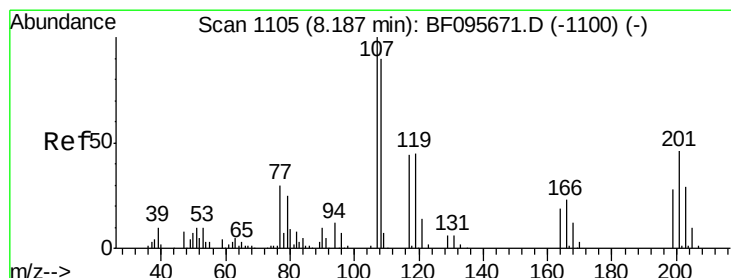
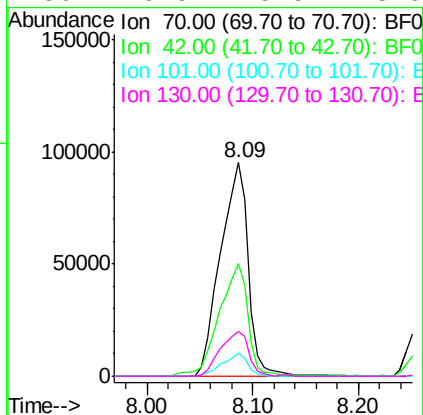
#19
n-Nitroso-di-n-propylamine
Concen: 55.005 ng
RT: 8.09 min Scan# 1105
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.2	70.8
101	10.5	7.2	10.8
130	20.9	15.9	23.9

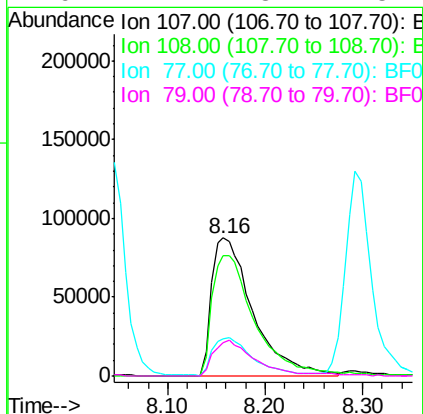
Manual Integrations
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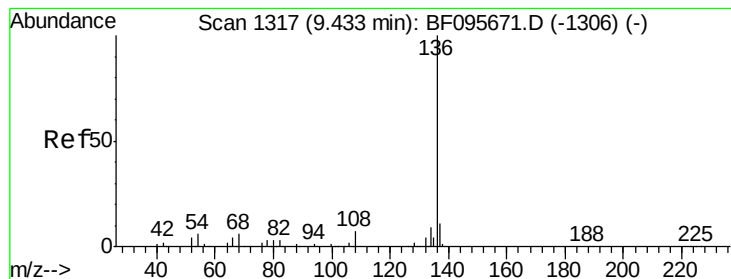
mohammad
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#20
3+4-Methylphenols
Concen: 54.866 ng
RT: 8.16 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	71.0	111.0
77	26.8	90.5	130.5#
79	24.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095880.D

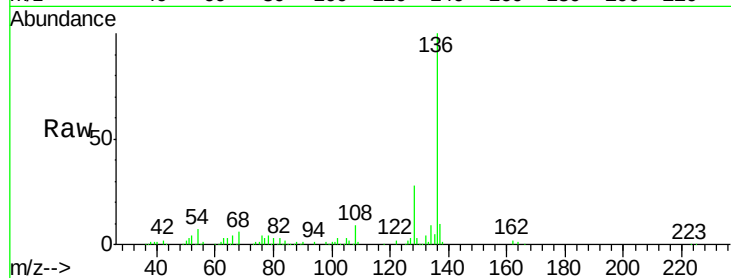
Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

ClientSampleId :

RO-2342MSD



Tgt Ion:136 Resp: 278437

Ion Ratio Lower Upper

136 100

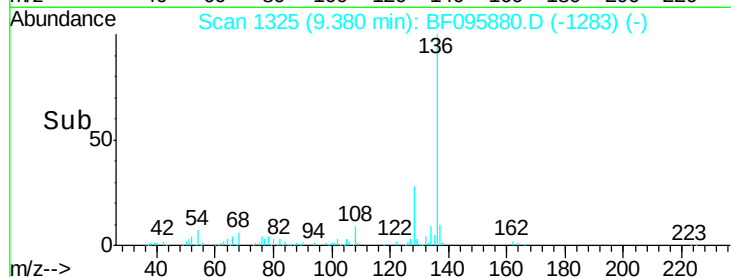
137 10.4 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

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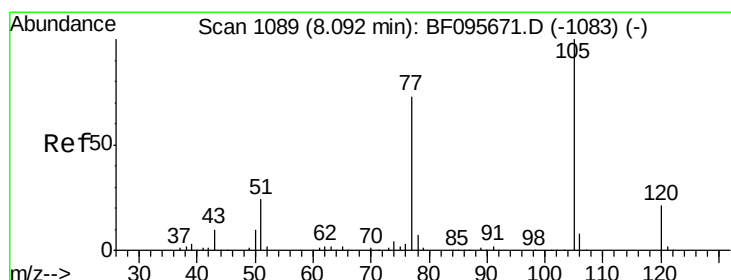
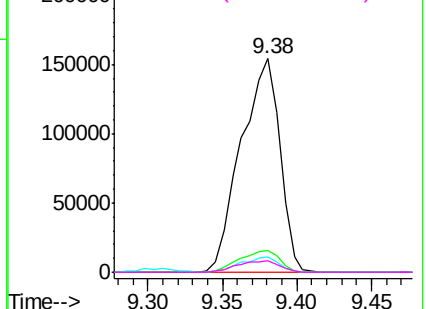


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.363 ng

RT: 8.05 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:105 Resp: 347775

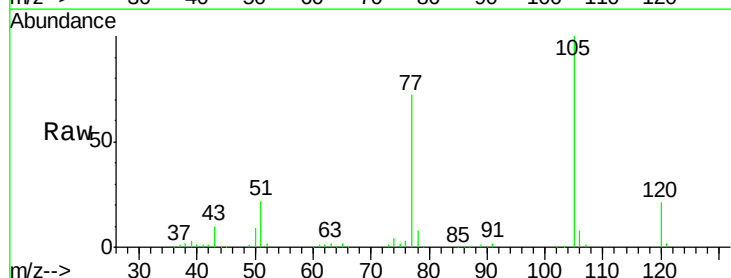
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.2 30.7 46.1#

120 21.2 17.4 26.0

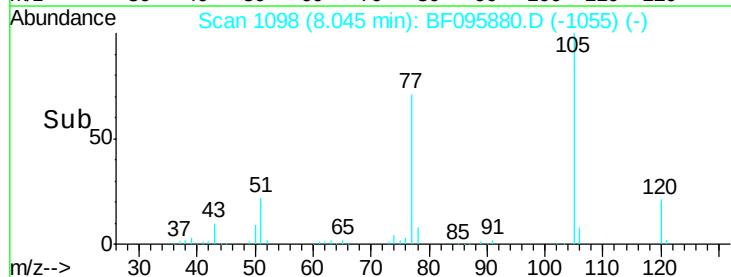
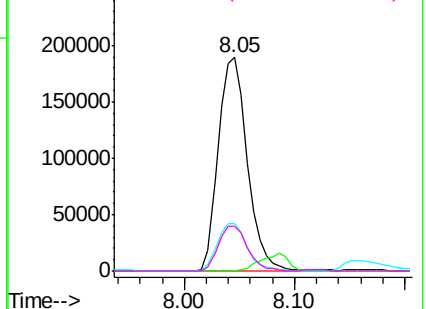


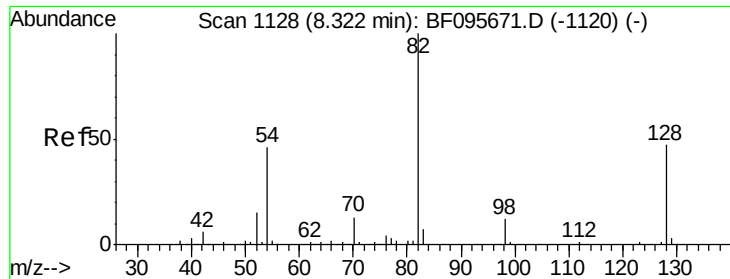
Abundance Ion 105.00 (104.70 to 105.70): E

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





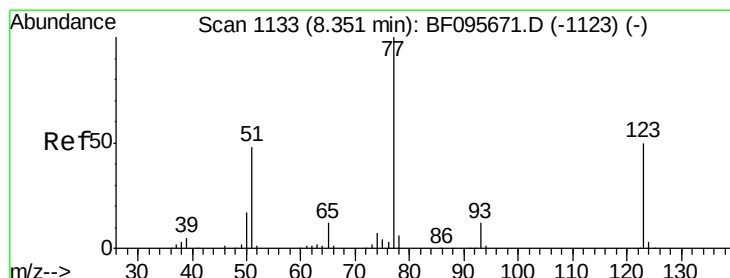
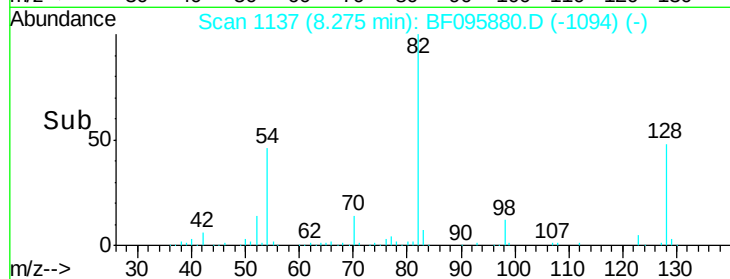
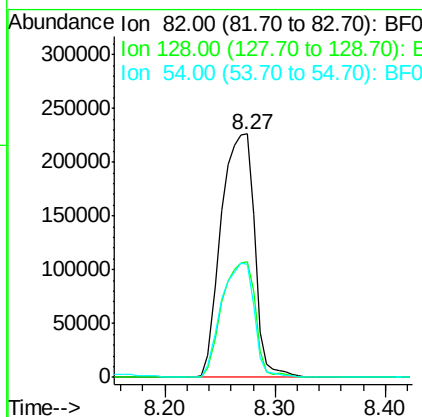
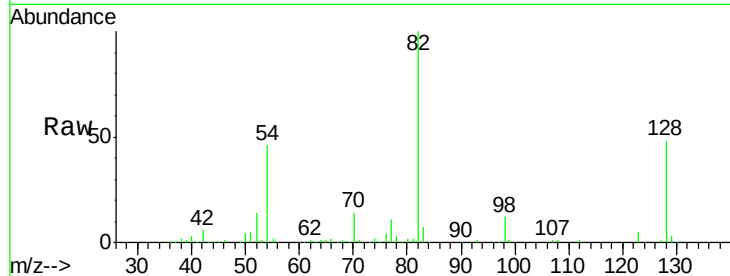
#23
 Nitrobenzene-d5
 Concen: 106.896 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	479251		
128	47.6	34.0	51.0	
54	46.2	42.2	63.2	

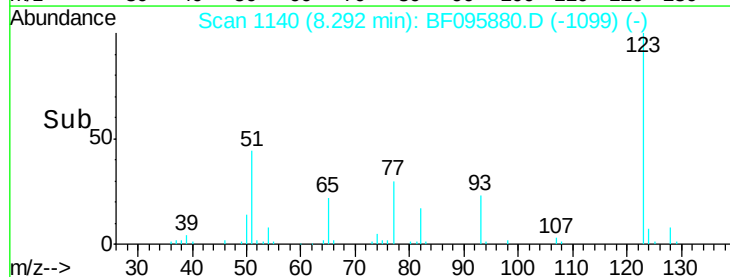
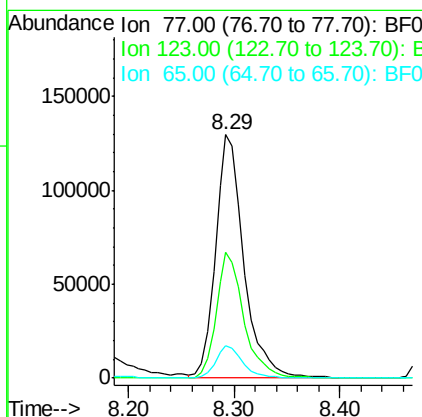
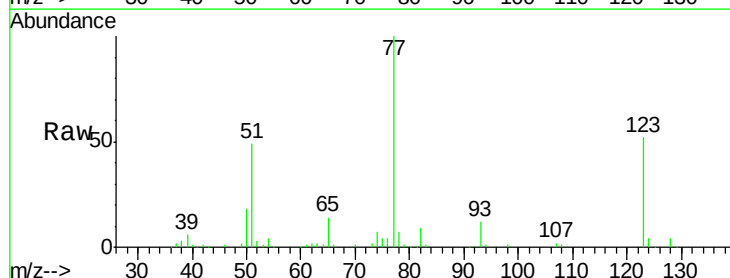
Manual Integrations
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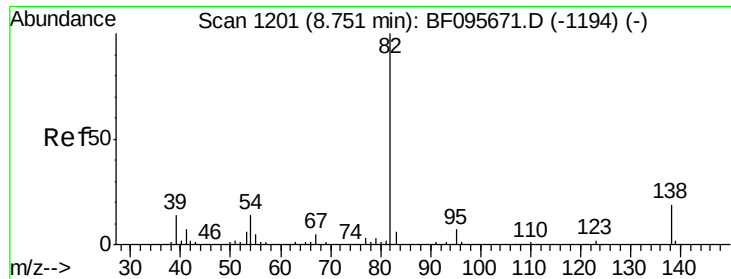
mohammad
 6/13/2017 4:10:32 PM



#24
 Nitrobenzene
 Concen: 49.806 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.06 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238528		
123	51.7	35.8	53.8	
65	13.5	10.6	15.8	





#25

Isophorone

Concen: 52.459 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

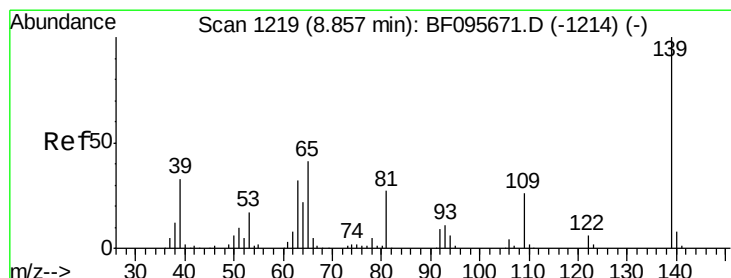
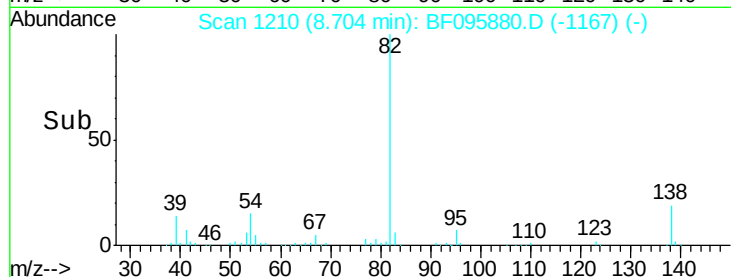
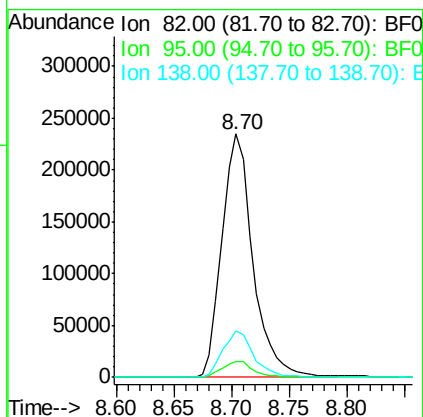
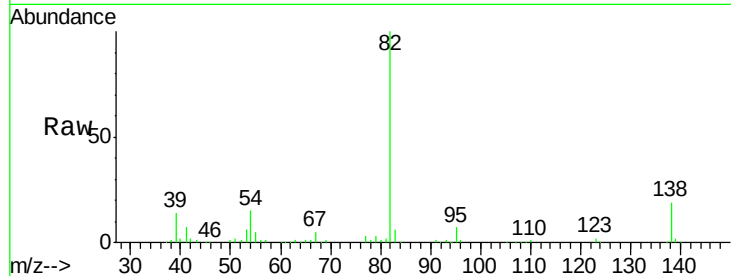
ClientSampleId :

RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	439149		
95	6.5	5.3	7.9	
138	19.3	13.1	19.7	

Manual Integrations
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6/13/2017 4:10:32 PM



#26

2-Nitrophenol

Concen: 55.023 ng

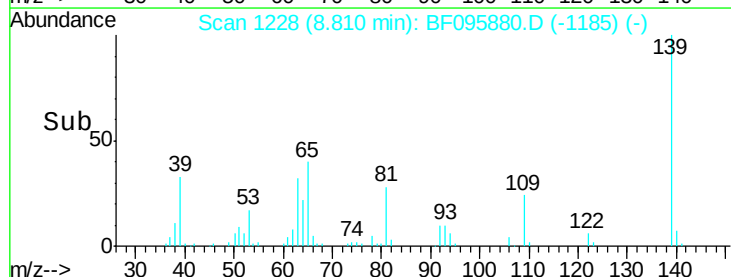
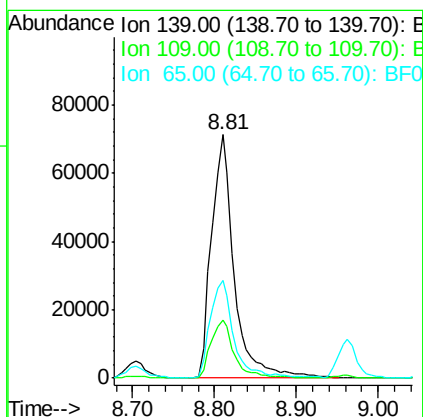
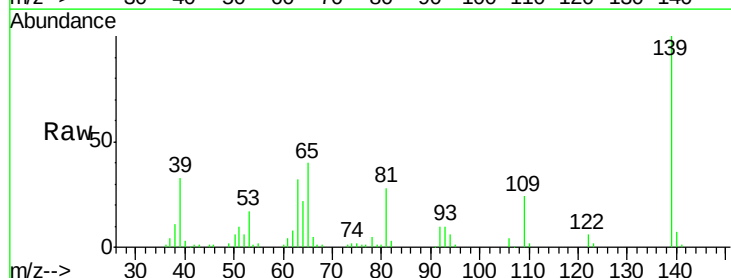
RT: 8.81 min Scan# 1228

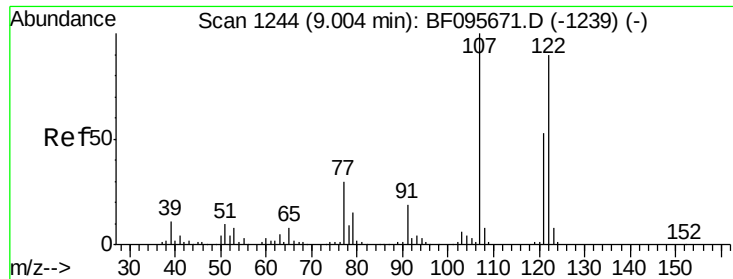
Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	137989		
109	23.9	21.0	31.6	
65	39.9	33.0	49.6	





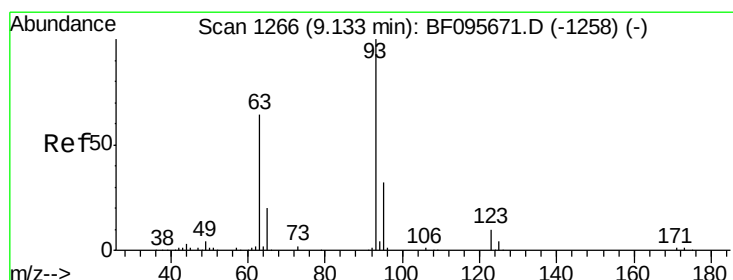
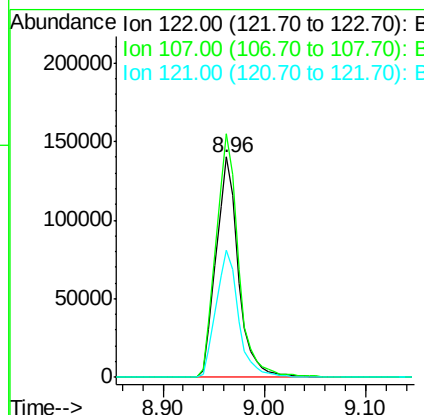
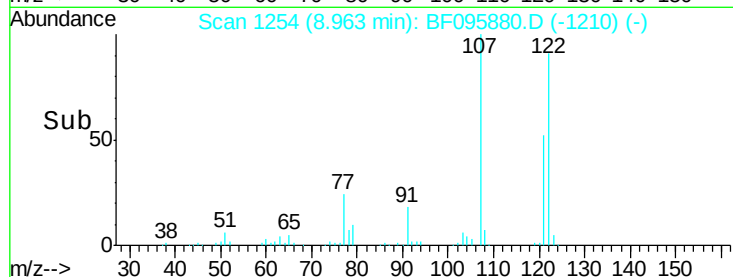
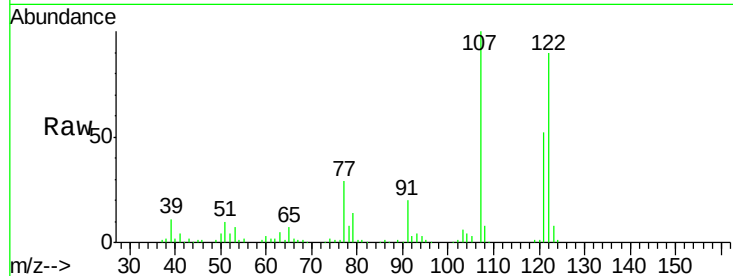
#27
2,4-Dimethylphenol
Concen: 55.199 ng
RT: 8.96 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	214833		
107	110.5	89.2	133.8	
121	57.4	45.2	67.8	

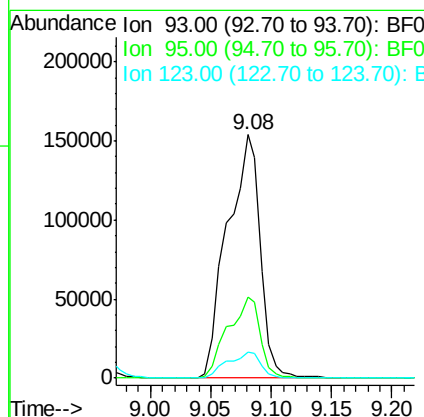
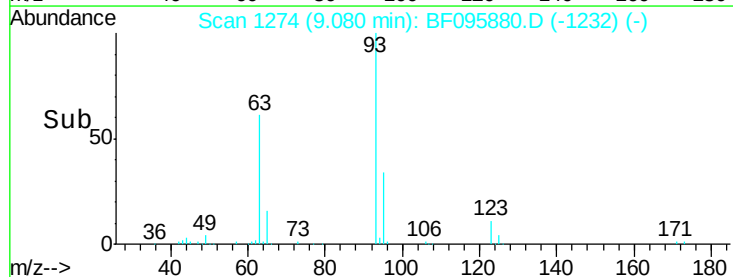
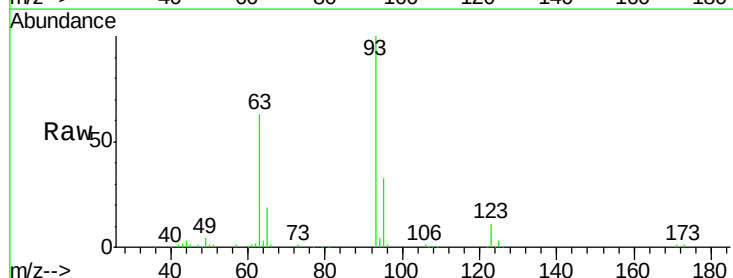
Manual Integrations
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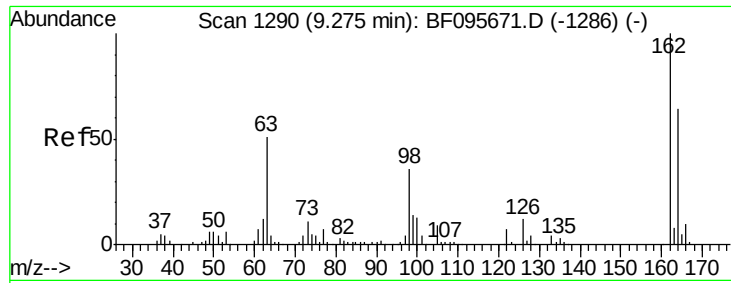
mohammad
6/13/2017 4:10:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 52.680 ng
RT: 9.08 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	290700		
95	33.3	26.5	39.7	
123	10.5	9.0	13.4	





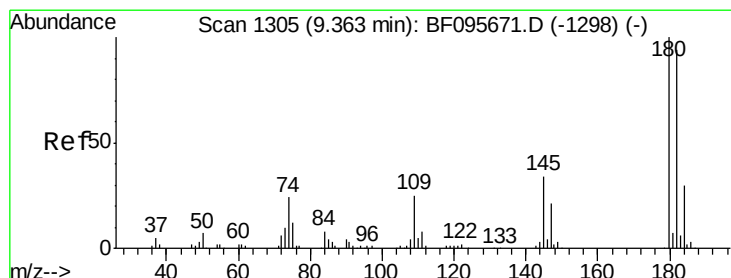
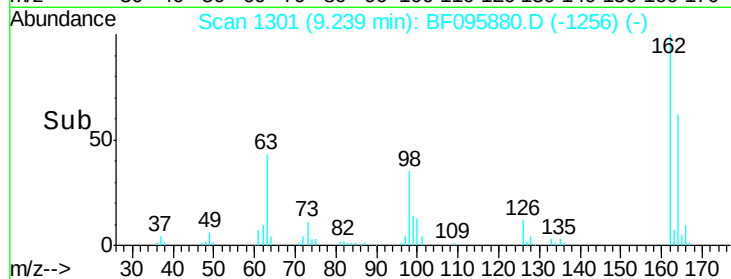
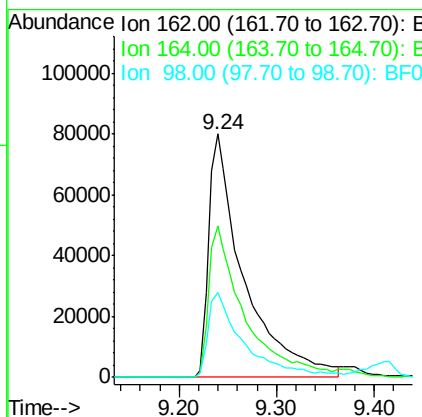
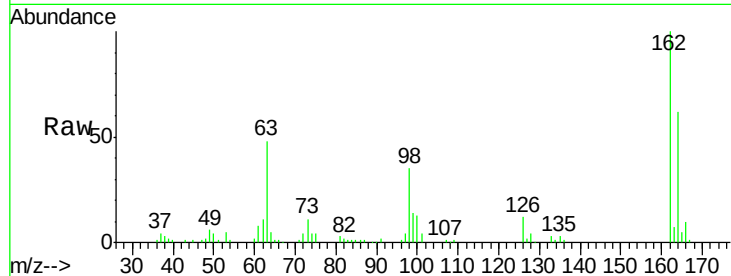
#29
 2,4-Dichlorophenol
 Concen: 53.041 ng
 RT: 9.24 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion:	162	Resp:	198811
Ion Ratio	Lower	Upper	
162	100		
164	62.3	44.6	84.6
98	34.8	14.8	54.8

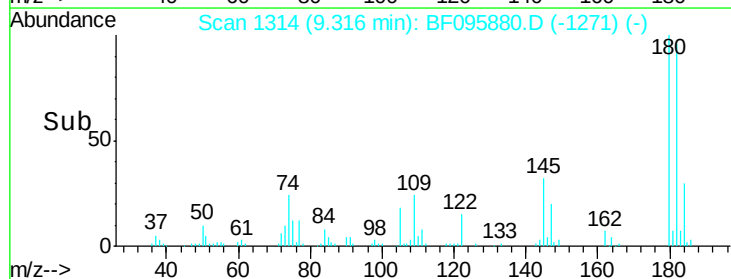
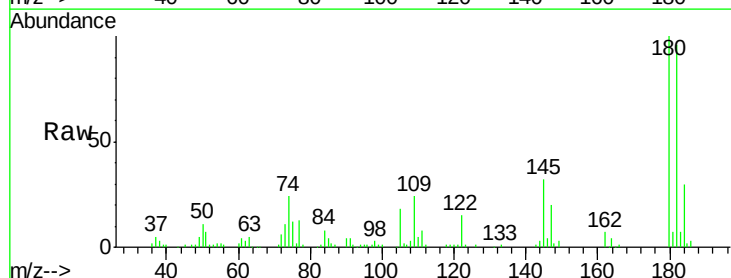
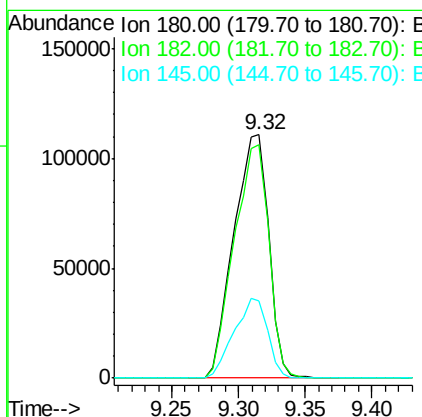
Manual Integrations
 APPROVED

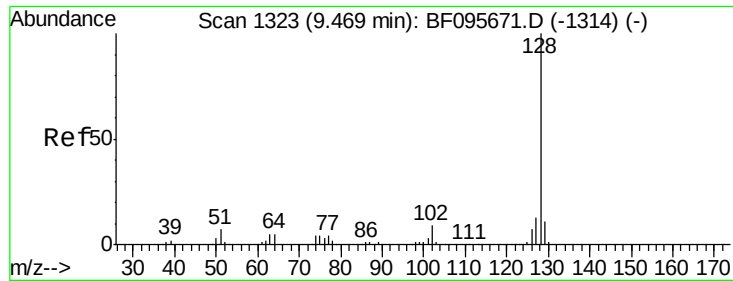
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 51.589 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion:	180	Resp:	201207
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.8	113.6
145	31.6	25.3	37.9





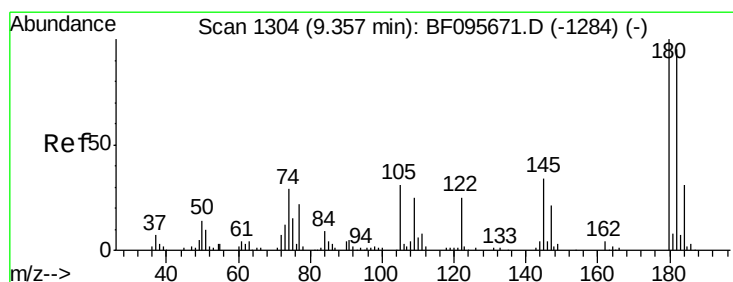
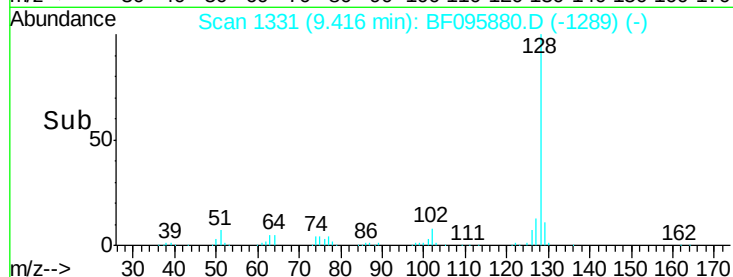
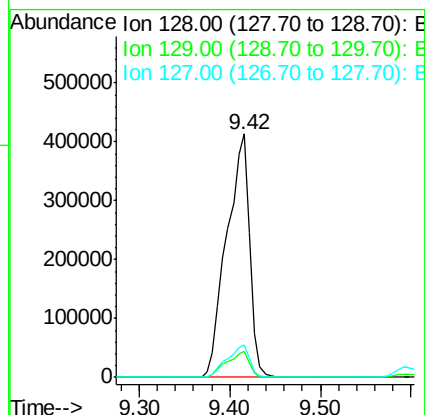
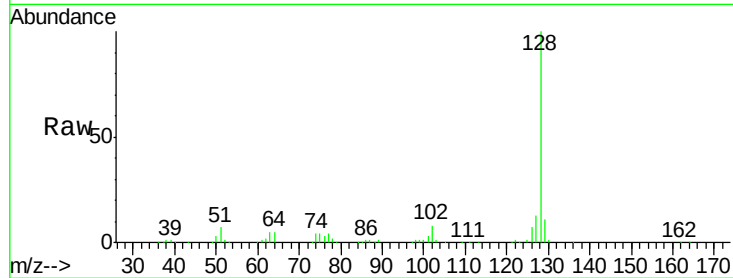
#31
Naphthalene
Concen: 52.352 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	731554		
129	10.8	9.0	13.6	
127	13.2	10.8	16.2	

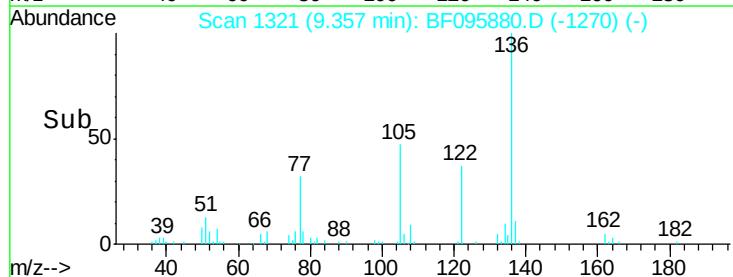
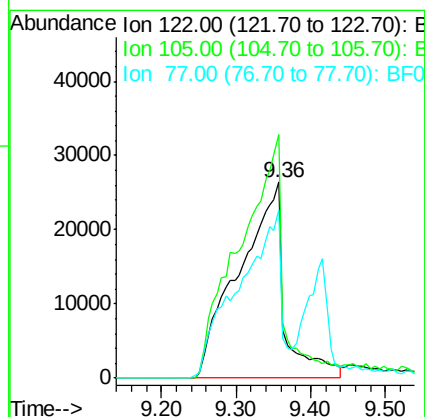
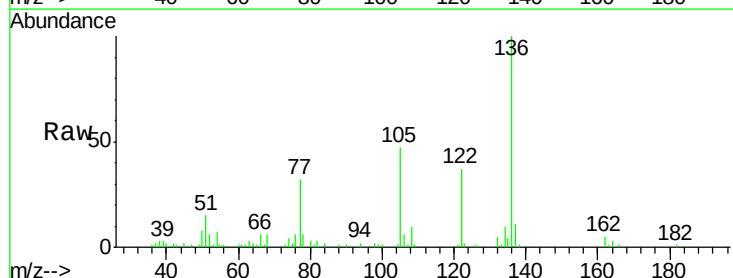
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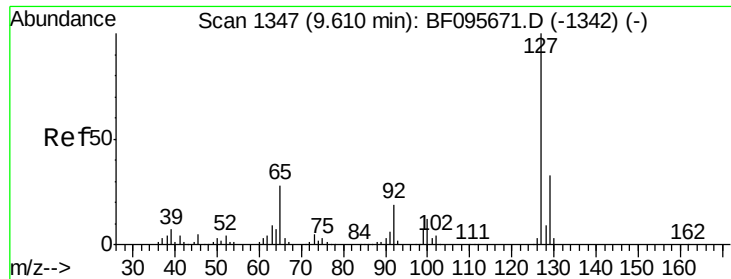
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#32
Benzoic acid
Concen: 46.302 ng
RT: 9.36 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	112130		
105	124.3	103.3	143.3	
77	85.7	73.7	113.7	





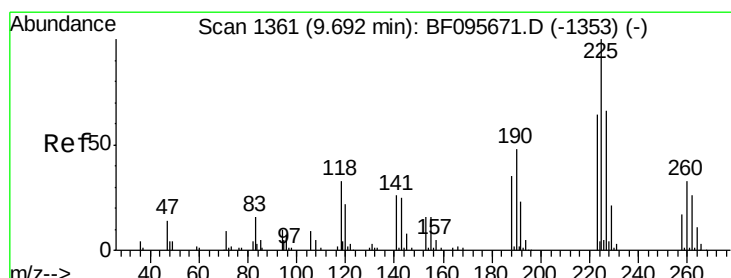
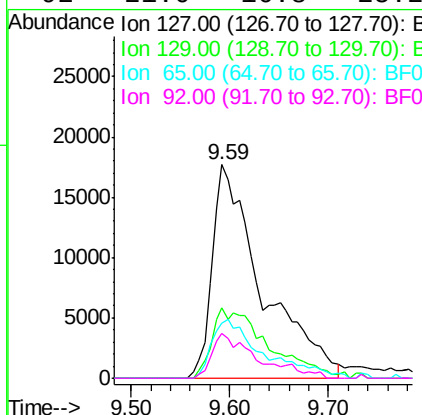
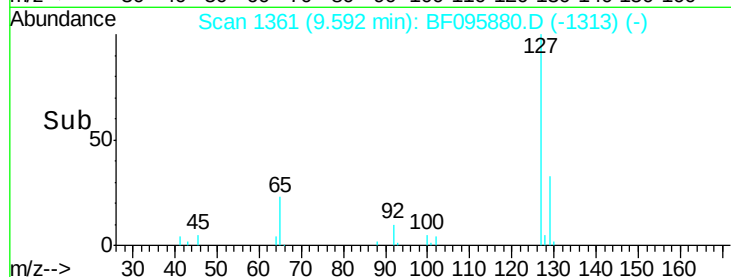
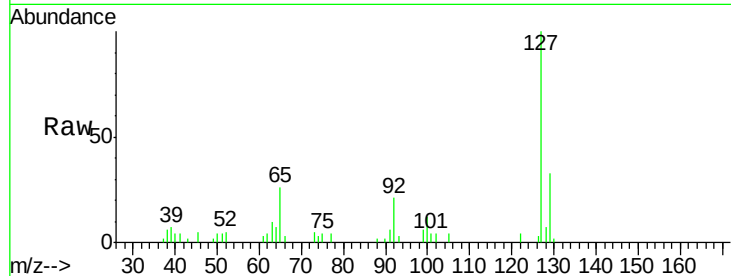
#33
4-Chloroaniline
Concen: 11.447 ng m
RT: 9.59 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	62522		
129	33.0	26.2	39.2	
65	25.8	27.8	41.8	
92	21.0	16.8	25.2	

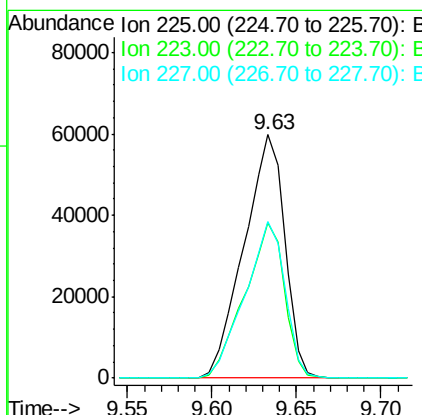
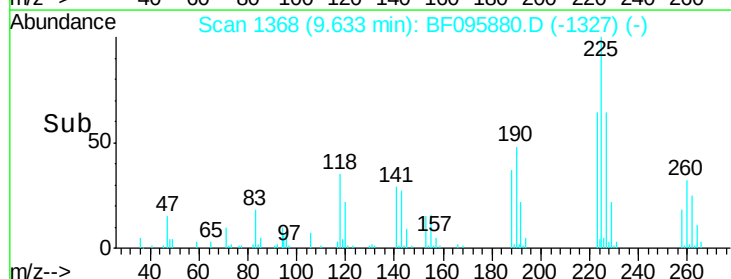
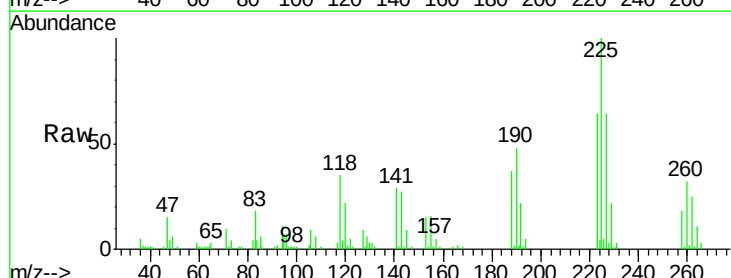
Manual Integrations
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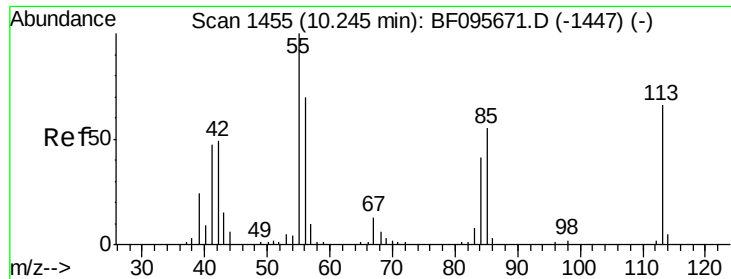
mohammad
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#34
Hexachlorobutadiene
Concen: 50.017 ng
RT: 9.63 min Scan# 1368
Delta R.T. -0.06 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100797		
223	63.6	48.8	73.2	
227	64.3	51.1	76.7	





#35

Caprolactam

Concen: 51.439 ng m

RT: 10.23 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

ClientSampleId :

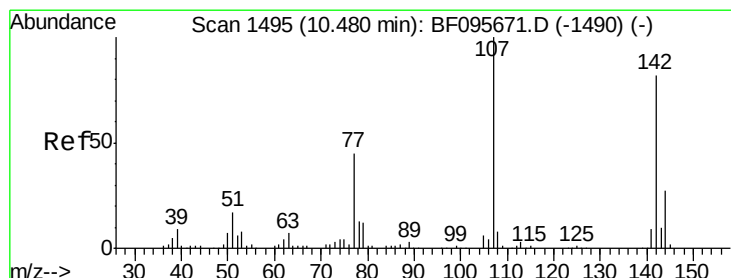
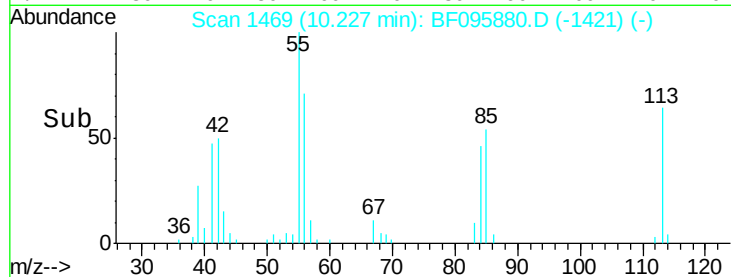
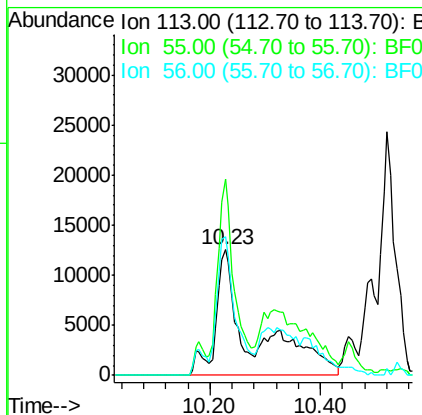
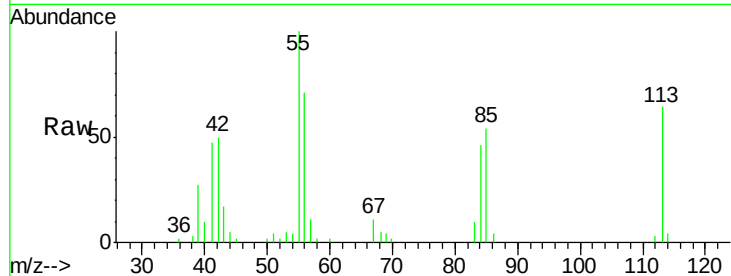
RO-2342MSD

Tgt Ion:113 Resp: 57371

Ion	Ratio	Lower	Upper
113	100		
55	156.8	150.2	190.2
56	110.8	107.8	147.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 54.194 ng

RT: 10.46 min Scan# 1508

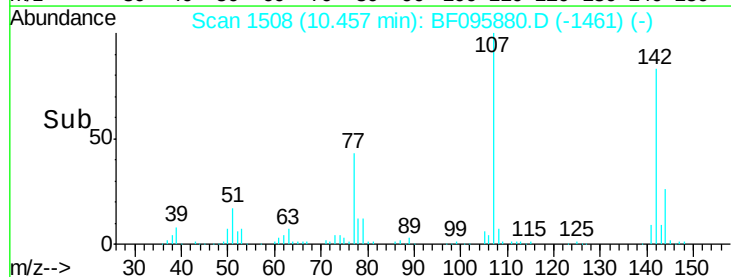
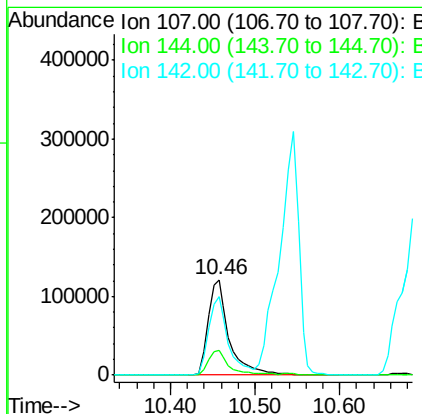
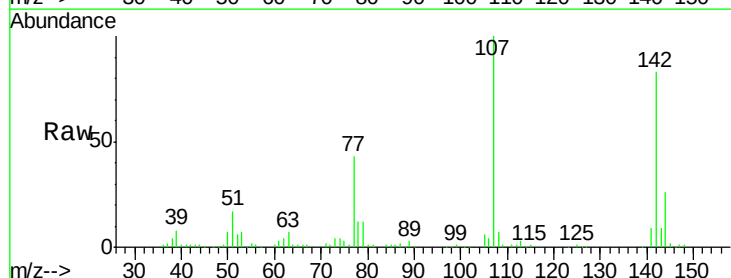
Delta R.T. -0.02 min

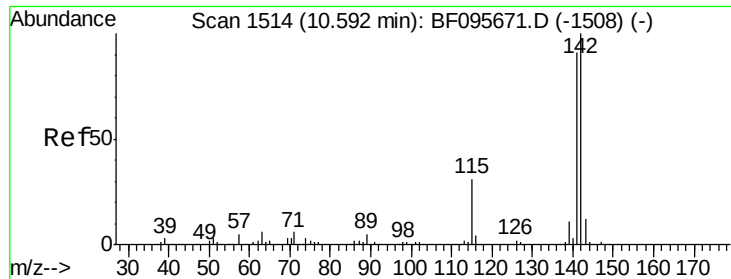
Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:107 Resp: 212641

Ion	Ratio	Lower	Upper
107	100		
144	26.2	24.2	36.4
142	82.7	73.4	110.0





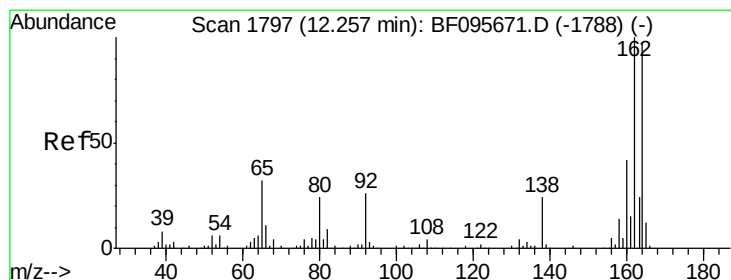
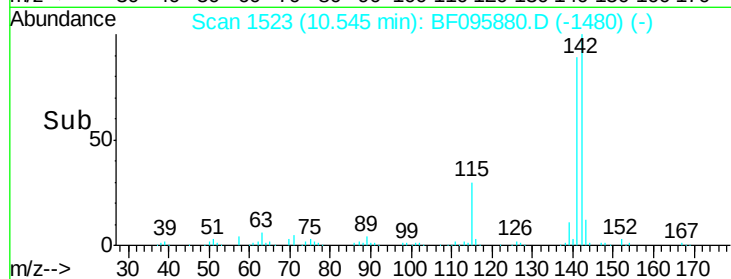
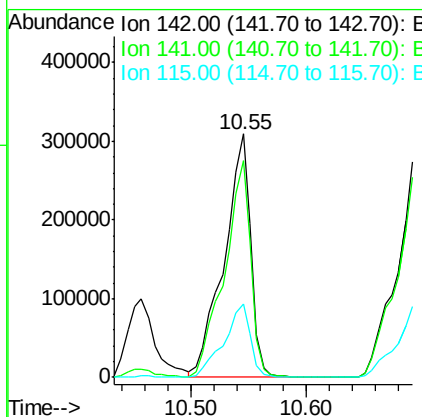
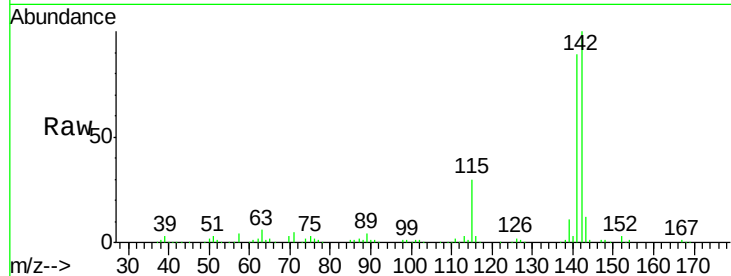
#37
2-Methylnaphthalene
Concen: 52.520 ng
RT: 10.55 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	495870		
141	89.2	71.3	106.9	
115	30.1	27.1	40.7	

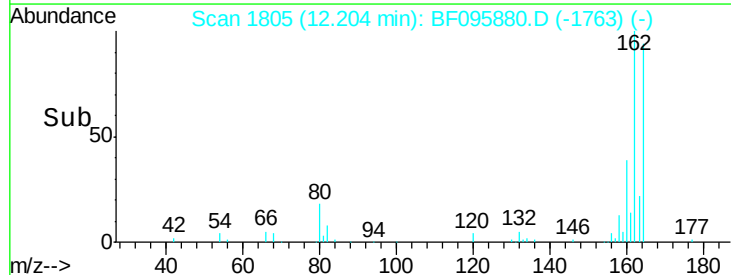
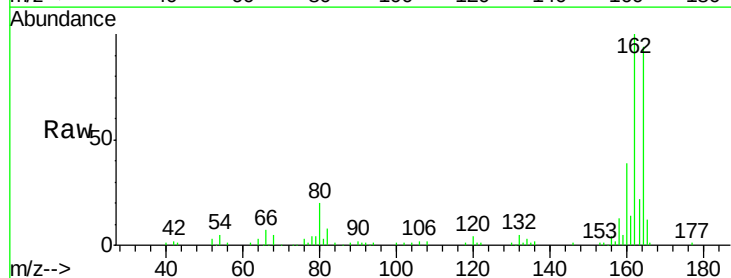
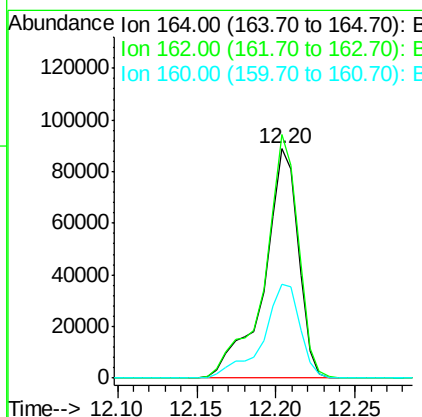
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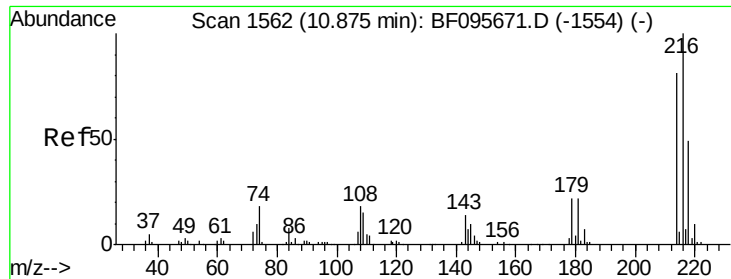
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133893		
162	106.2	82.6	123.8	
160	41.2	36.2	54.2	





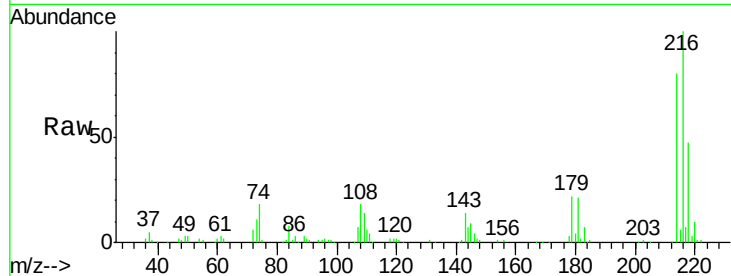
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.250 ng
 RT: 10.82 min Scan# 1570
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

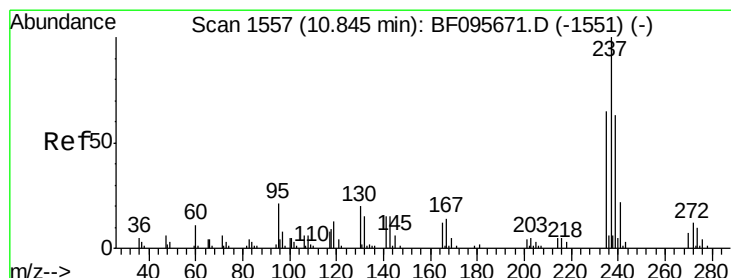
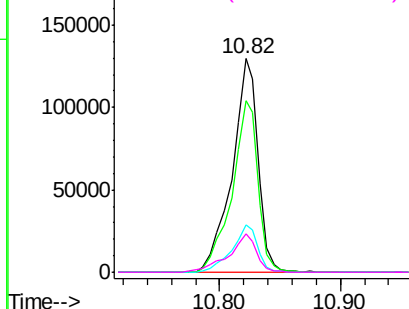
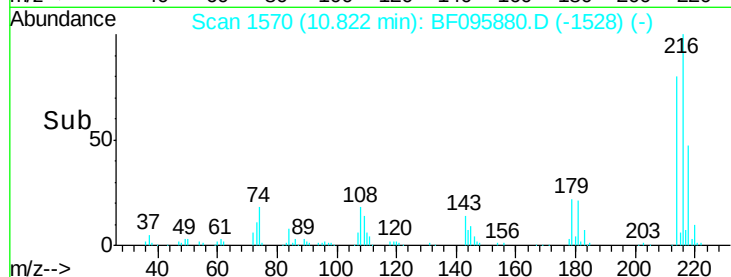
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	193349		
214	80.1	63.4	95.2	
179	21.8	17.9	26.9	
108	19.3	16.5	24.7	

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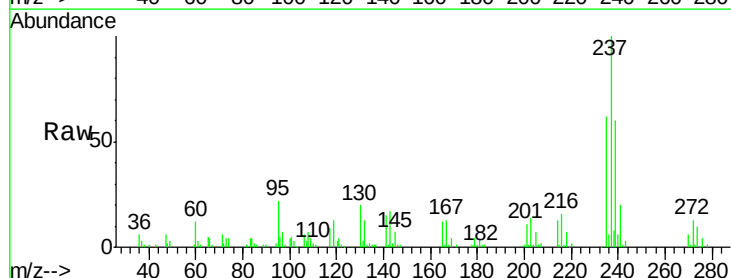


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

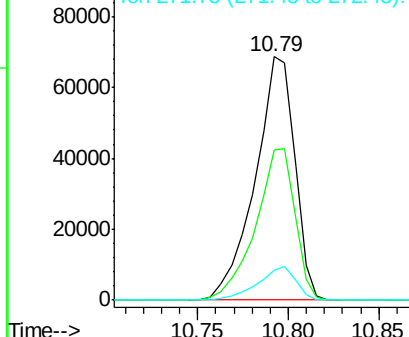
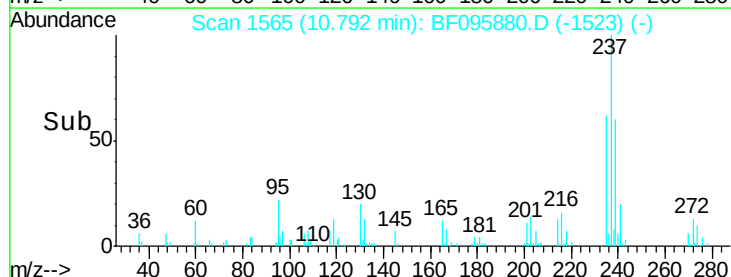


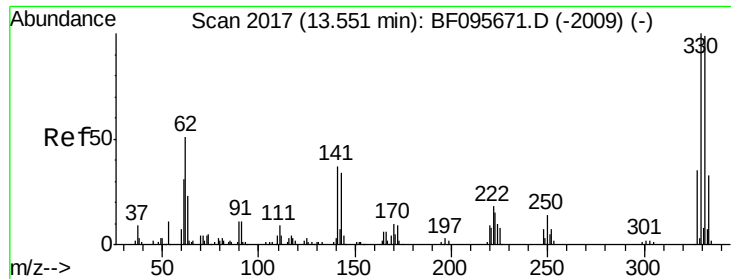
#40
 Hexachlorocyclopentadiene
 Concen: 82.695 ng
 RT: 10.79 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	104425		
235	61.5	42.6	82.6	
272	12.5	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





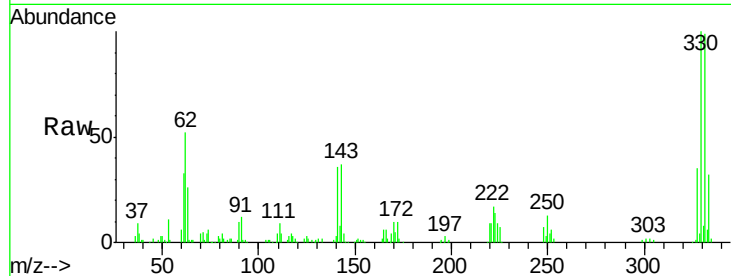
#41
 2,4,6-Tribromophenol
 Concen: 146.382 ng
 RT: 13.51 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	173410		
332	96.0	76.6	115.0	
141	38.5	31.4	47.2	

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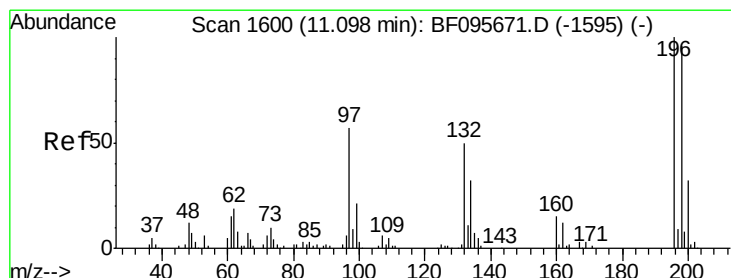
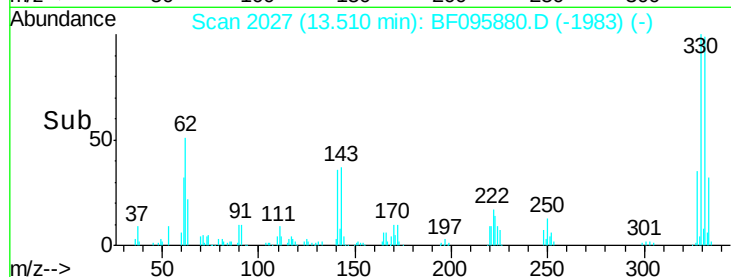
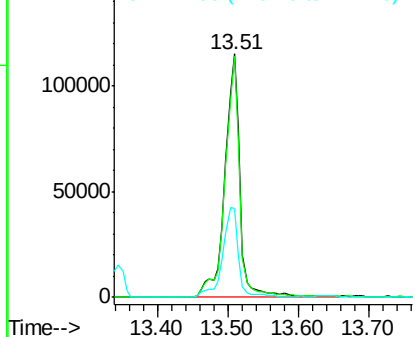


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 50.994 ng
 RT: 11.06 min Scan# 1610
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

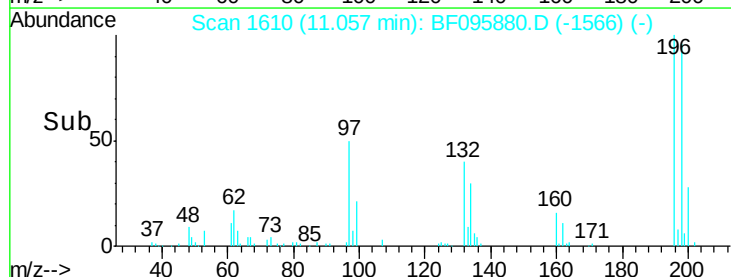
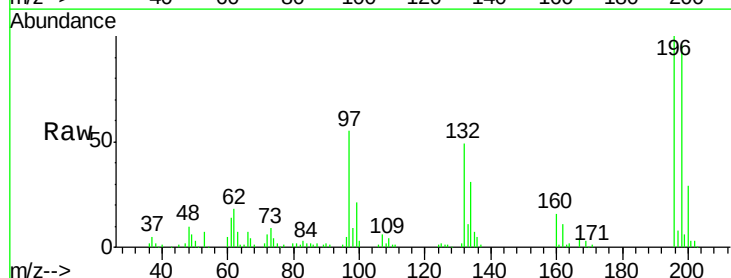
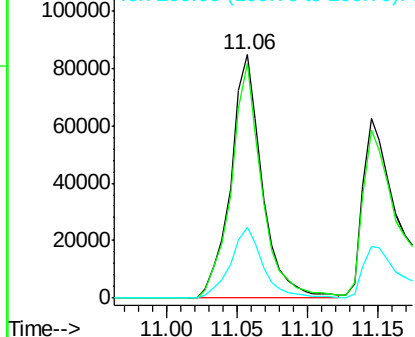
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131383		
198	96.4	74.2	111.4	
200	28.9	24.0	36.0	

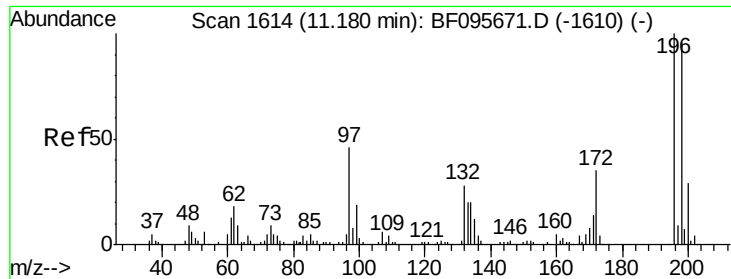
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





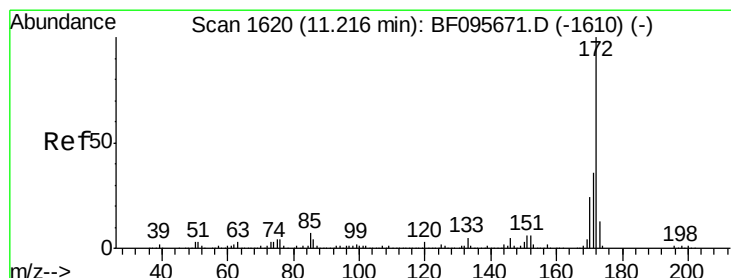
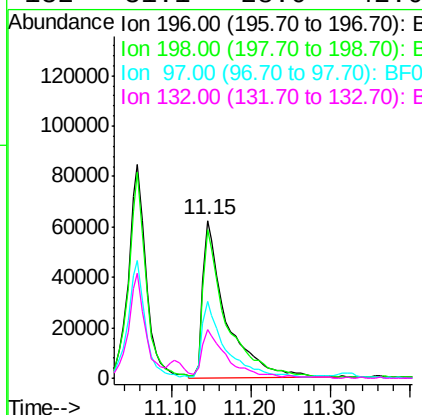
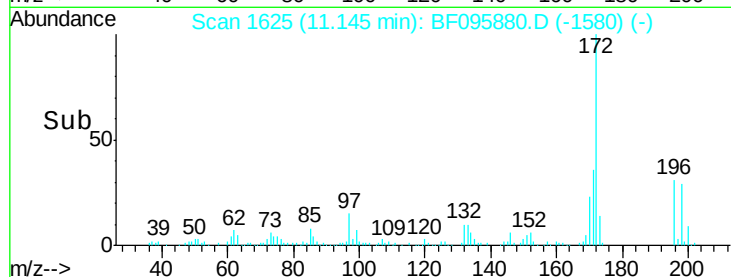
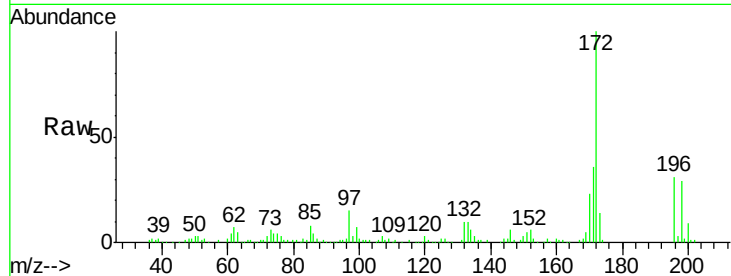
#43
 2,4,5-Trichlorophenol
 Concen: 47.085 ng
 RT: 11.15 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129035		
198	93.7	75.7	113.5	
97	48.3	47.7	71.5	
132	31.1	28.0	42.0	

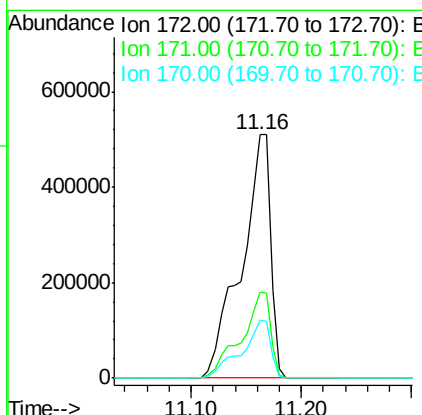
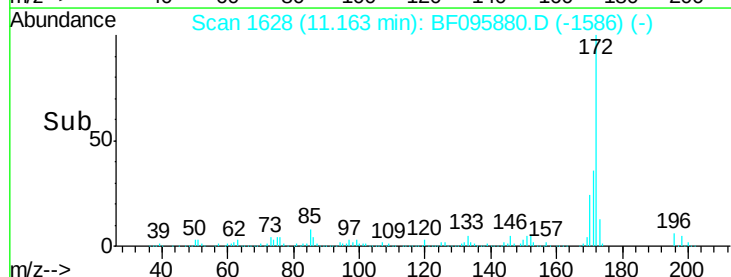
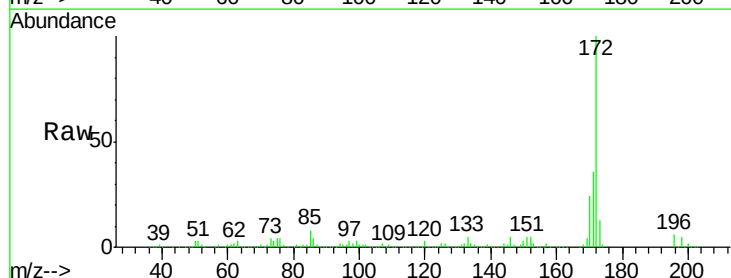
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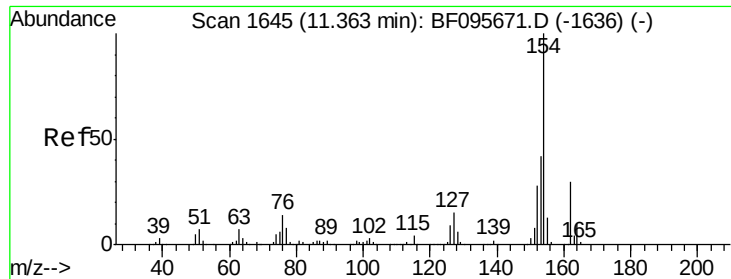
mohammad
 6/13/2017 4:10:32 PM



#44
 2-Fluorobiphenyl
 Concen: 98.826 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	950876		
171	35.6	29.6	44.4	
170	23.9	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 50.392 ng

RT: 11.31 min Scan# 1653

Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

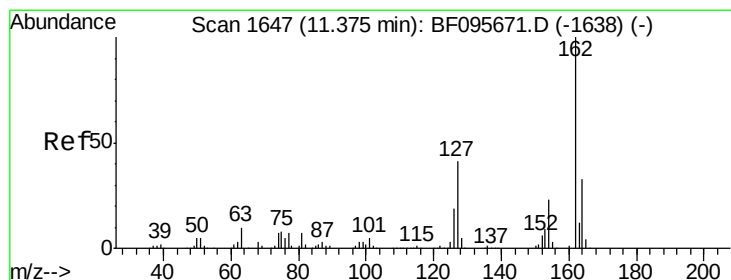
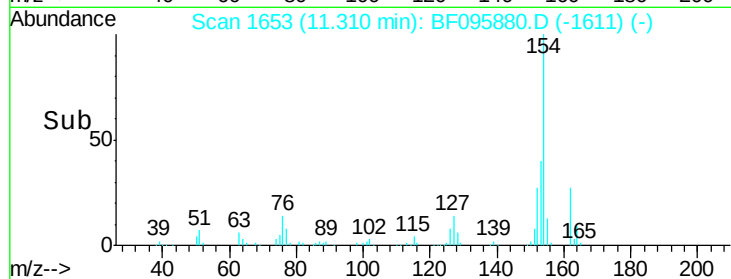
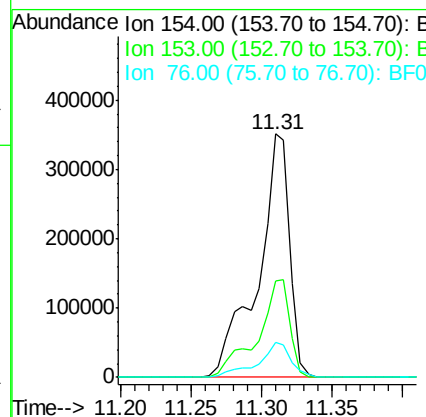
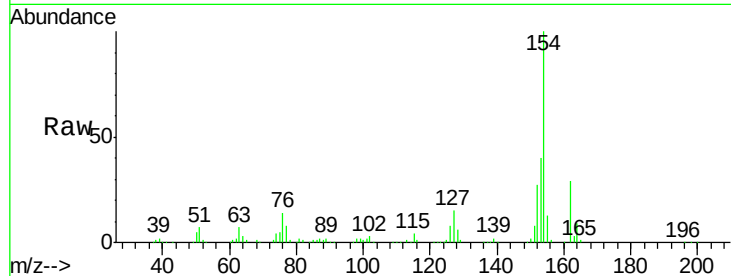
ClientSampleId :

RO-2342MSD

Tgt Ion:	154	Resp:	556100
Ion Ratio	Lower	Upper	
154	100		
153	39.6	21.2	61.2
76	14.4	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 50.106 ng

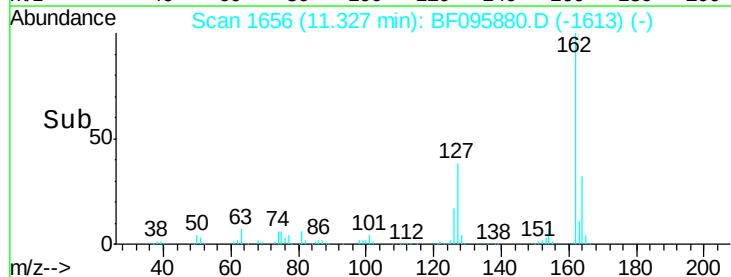
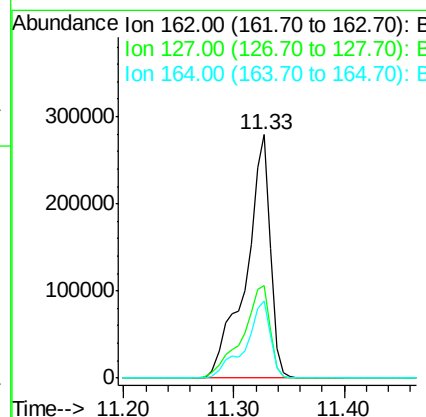
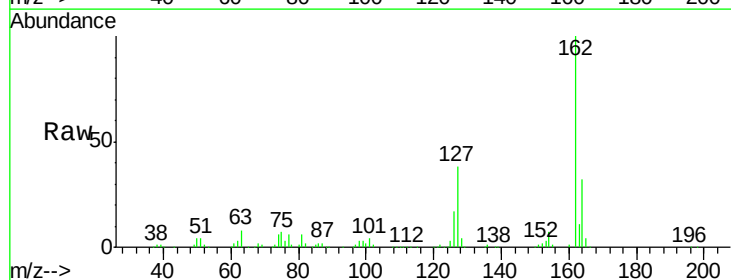
RT: 11.33 min Scan# 1656

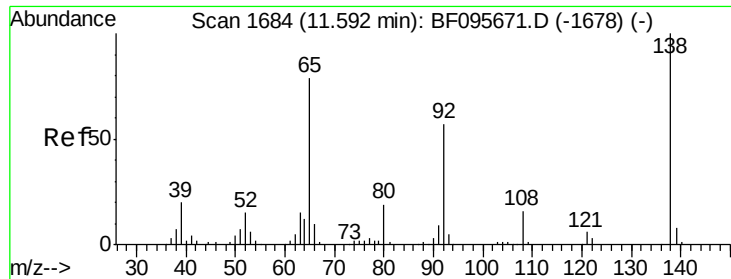
Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	162	Resp:	432026
Ion Ratio	Lower	Upper	
162	100		
127	38.0	28.3	42.5
164	32.0	27.0	40.4





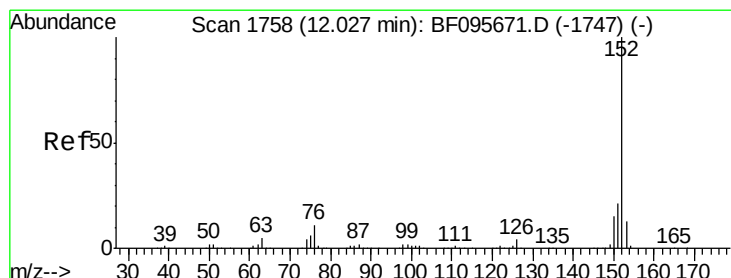
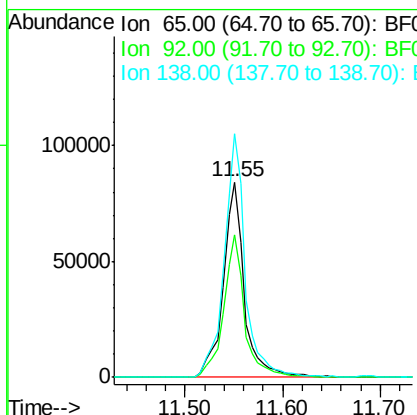
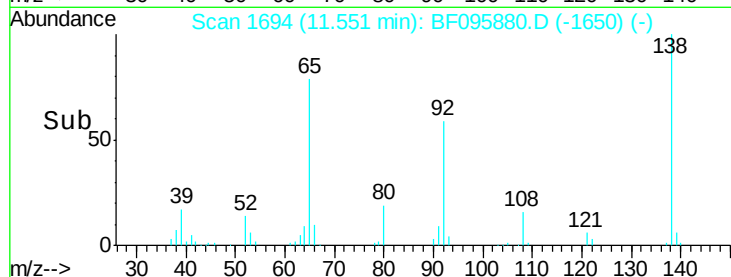
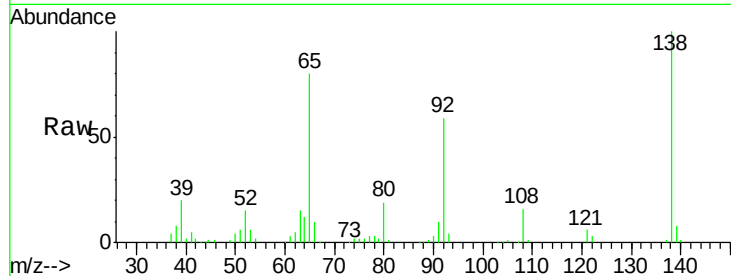
#47
 2-Nitroaniline
 Concen: 49.939 ng
 RT: 11.55 min Scan# 1694
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	73.1	53.9	80.9
138	124.5	78.8	118.2#

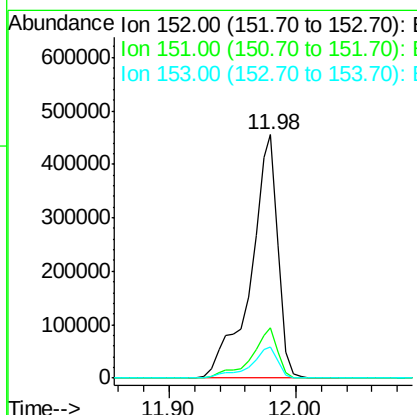
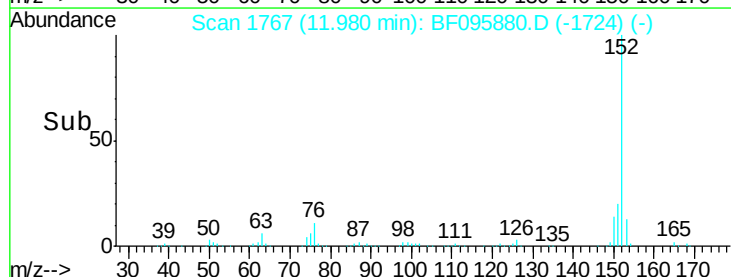
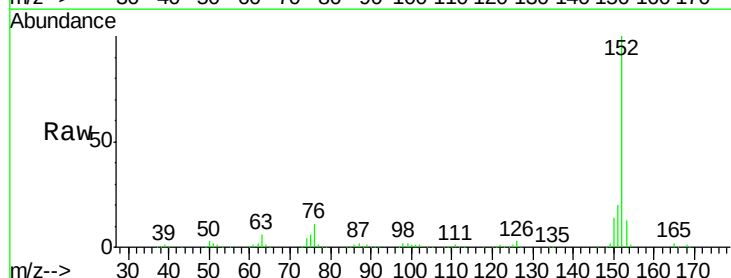
Manual Integrations
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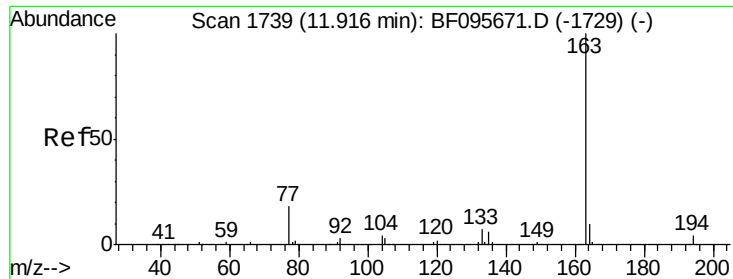
mohammad
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#48
 Acenaphthylene
 Concen: 46.148 ng
 RT: 11.98 min Scan# 1767
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.5	16.8	25.2
153	12.9	10.8	16.2





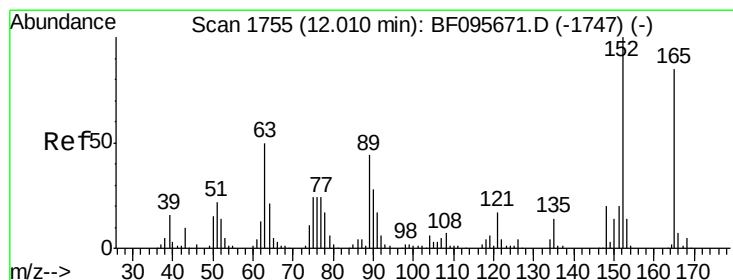
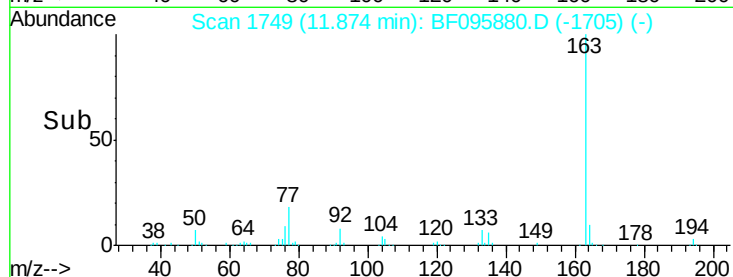
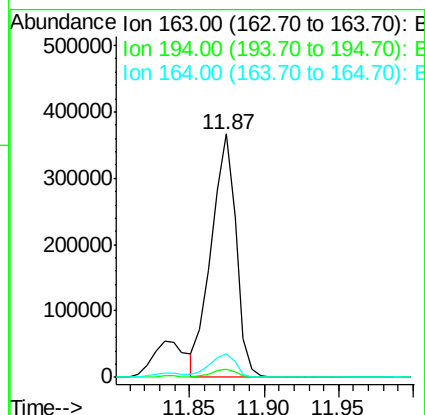
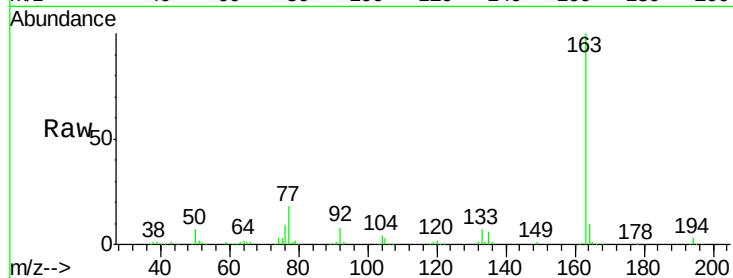
#49
Dimethylphthalate
Concen: 41.704 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	423961		
194	3.3	2.6	4.0	
164	9.7	8.4	12.6	

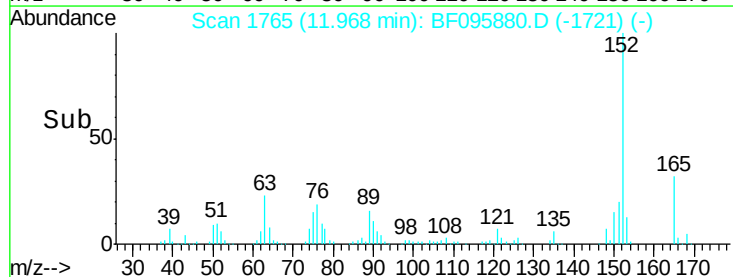
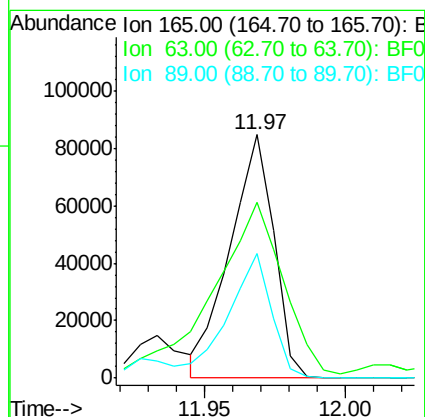
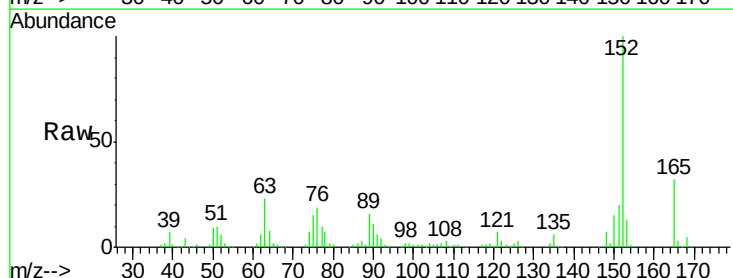
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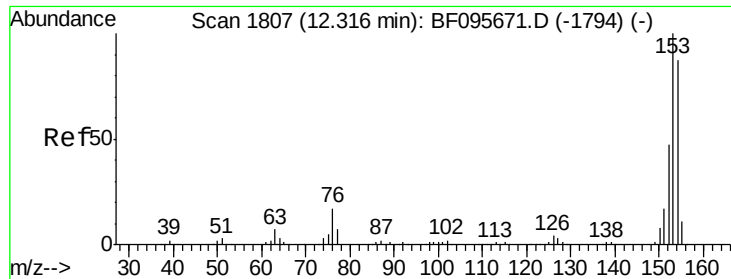
mohammad
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#50
2,6-Dinitrotoluene
Concen: 41.272 ng
RT: 11.97 min Scan# 1765
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91517		
63	72.1	34.3	51.5#	
89	51.4	37.1	55.7	





#51

Acenaphthene

Concen: 47.693 ng

RT: 12.26 min Scan# 1815

Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

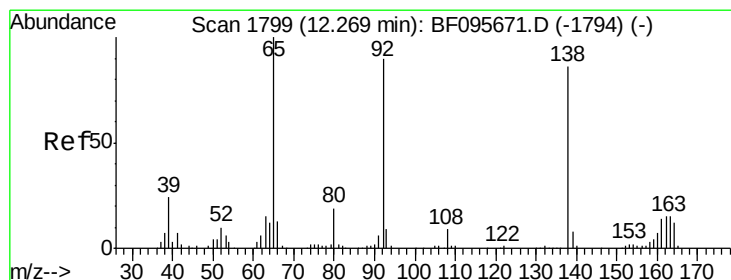
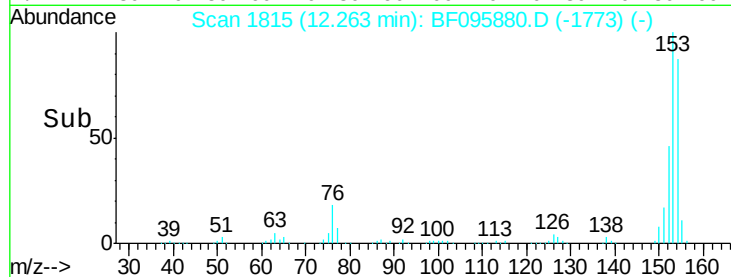
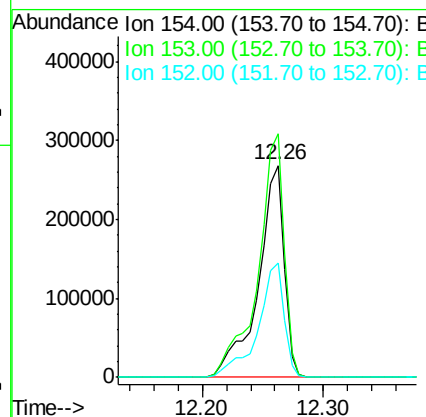
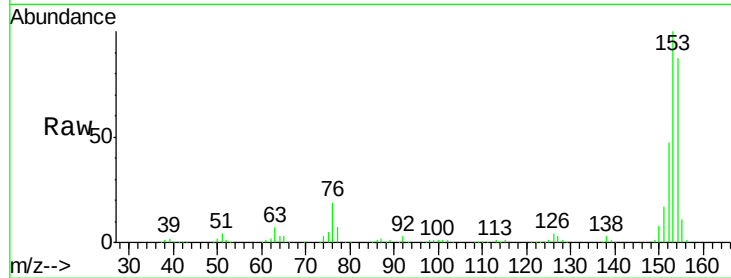
ClientSampleId :

RO-2342MSD

Tgt Ion:	154	Resp:	406117
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.5	135.7
152	53.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 26.080 ng

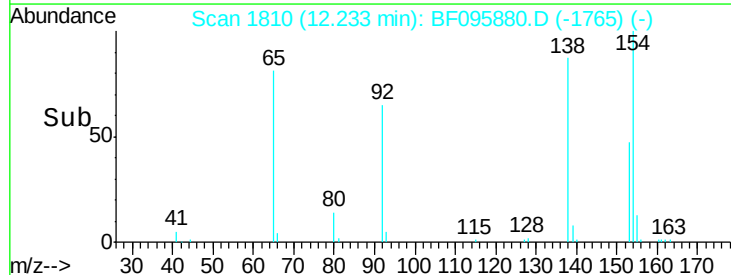
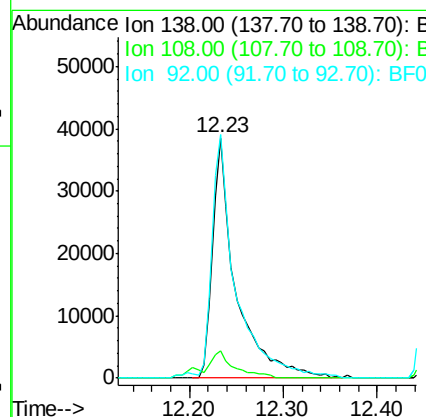
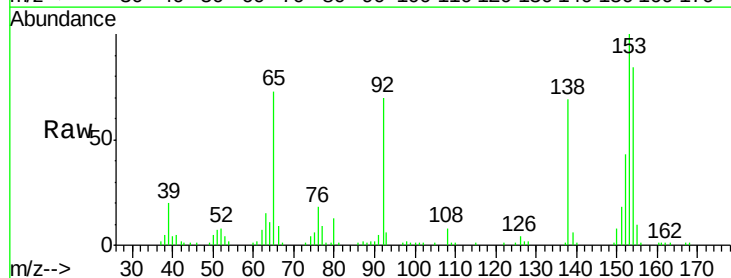
RT: 12.23 min Scan# 1810

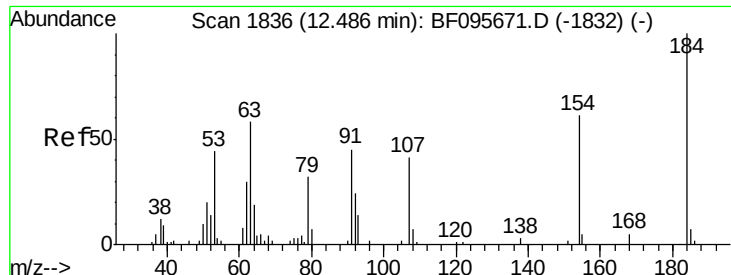
Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	138	Resp:	67377
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.1	13.7
92	101.3	93.8	140.6





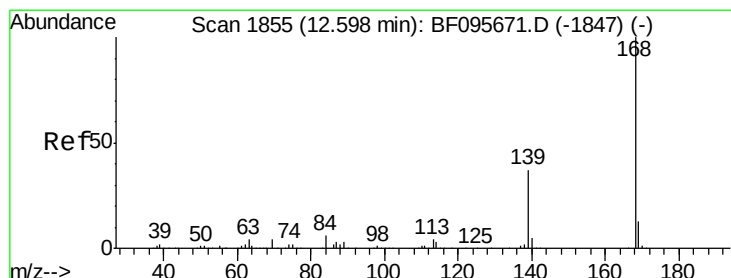
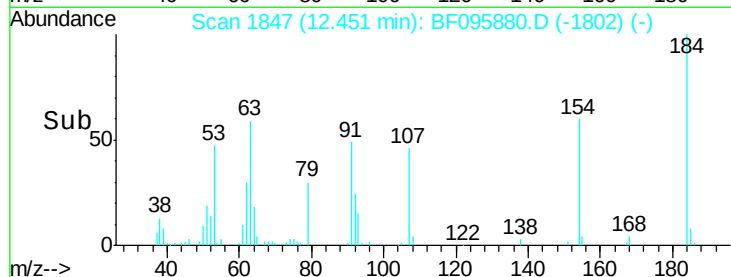
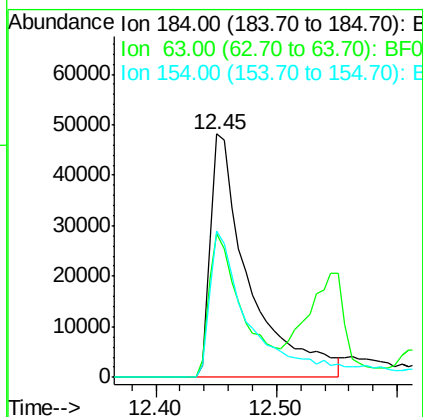
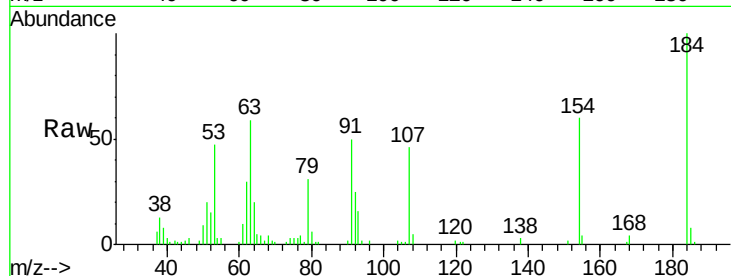
#53
2,4-Dinitrophenol
Concen: 84.652 ng
RT: 12.45 min Scan# 1847
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	106800		
63	59.2	62.7	94.1#	
154	60.1	81.1	121.7#	

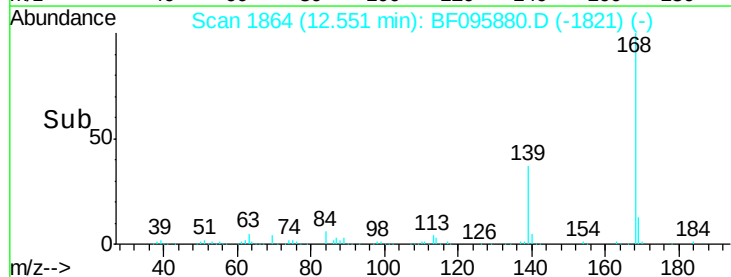
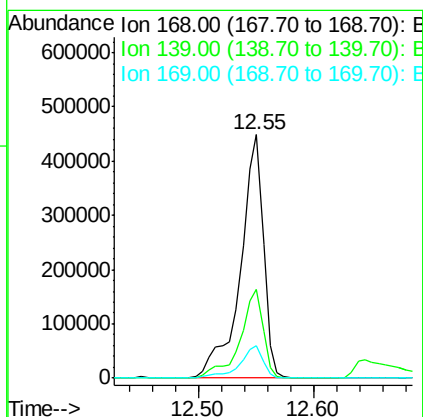
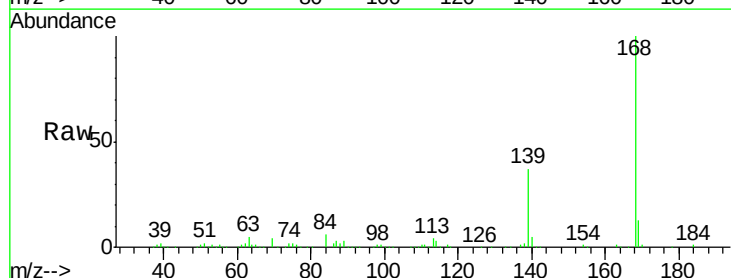
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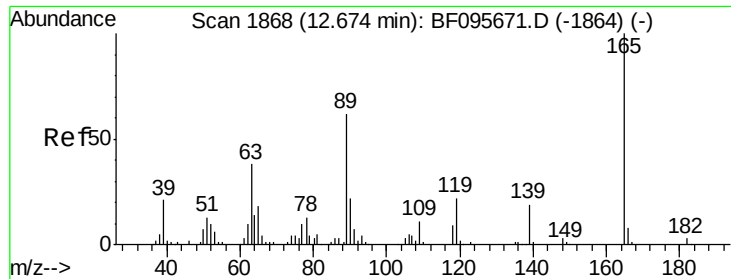
mohammad
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#54
Dibenzofuran
Concen: 52.044 ng
RT: 12.55 min Scan# 1864
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	623726		
139	36.6	30.6	45.8	
169	13.2	10.8	16.2	





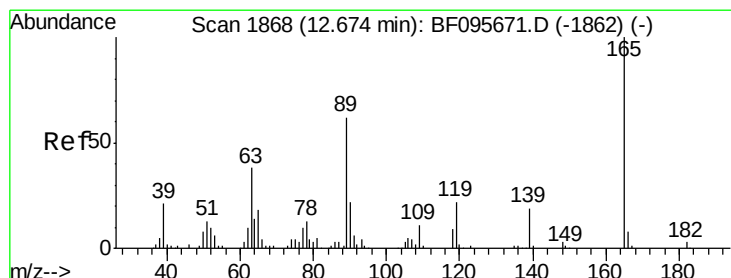
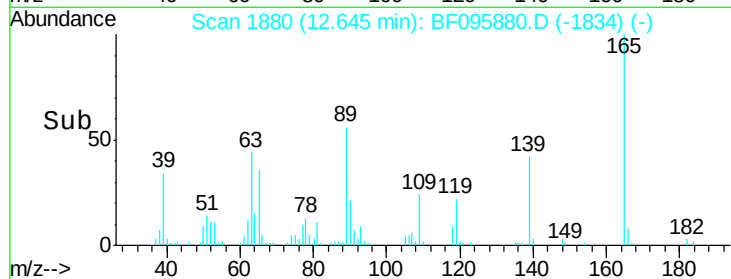
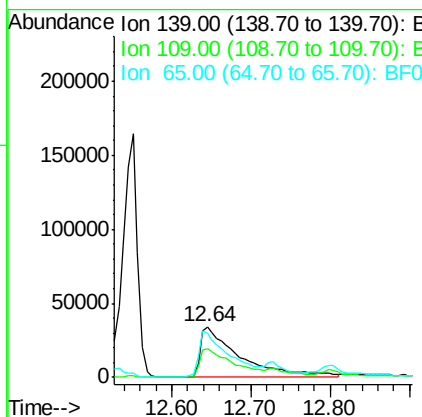
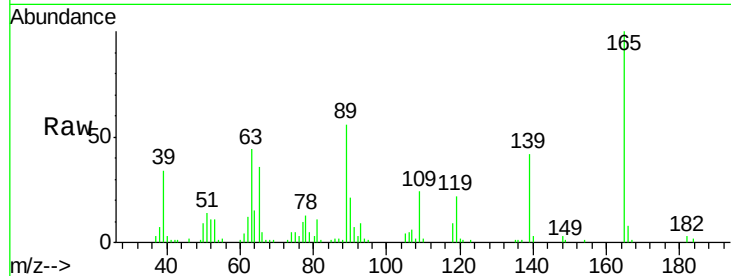
#55
4-Nitrophenol
Concen: 78.769 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	118702		
109	57.7	34.1	74.1	
65	87.5	31.4	71.4	

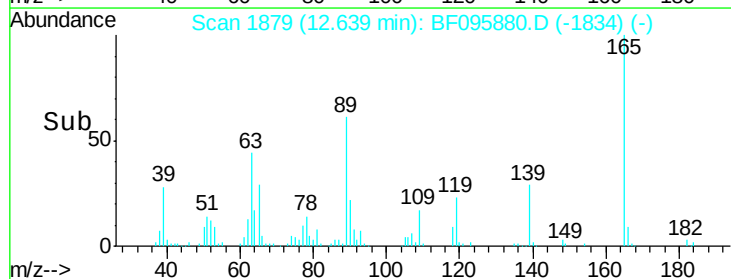
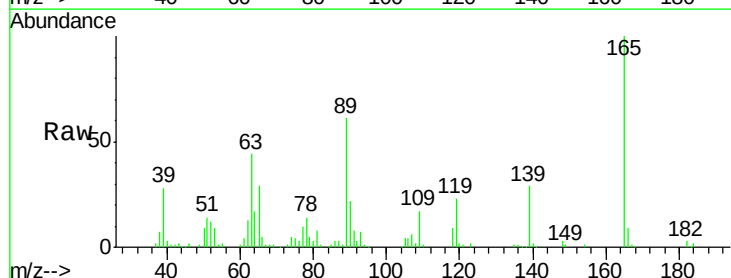
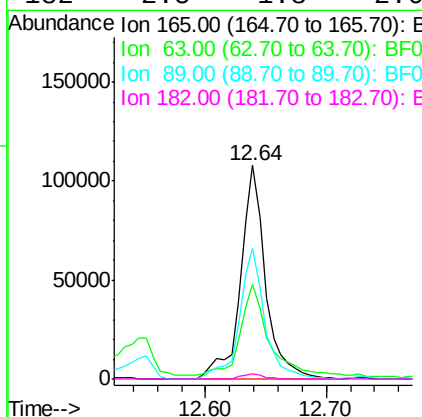
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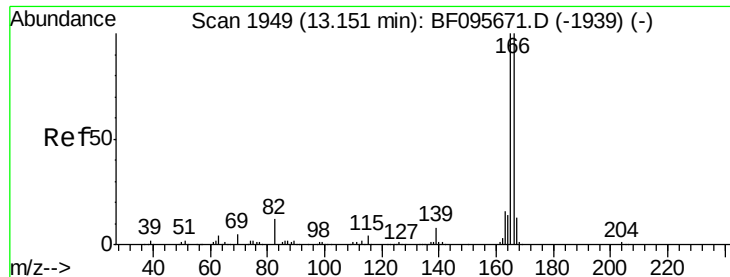
mohammad
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#56
2,4-Dinitrotoluene
Concen: 52.301 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	156646		
63	44.1	25.4	38.0	
89	61.2	46.4	69.6	
182	2.5	1.8	2.6	





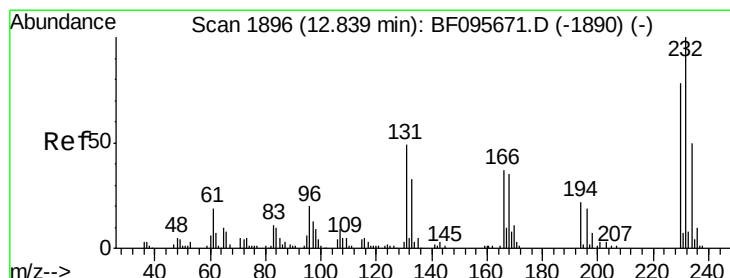
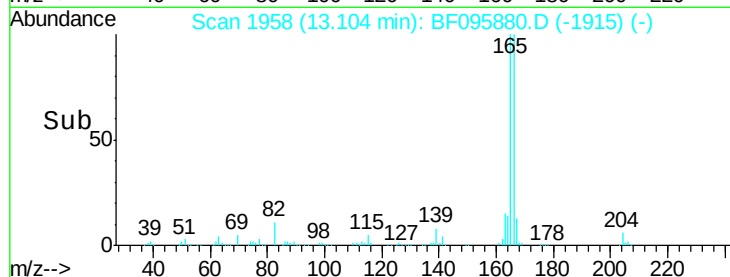
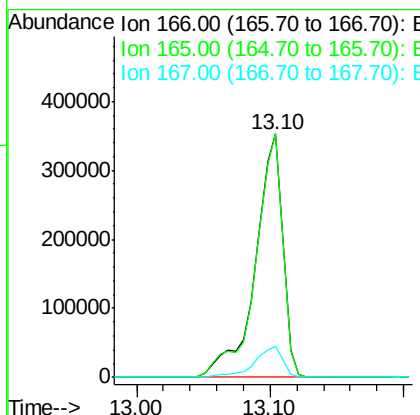
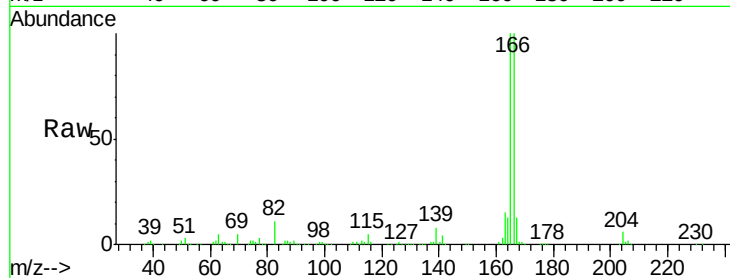
#57
 Fluorene
 Concen: 48.054 ng
 RT: 13.10 min Scan# 1958
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	501179		
165	99.8	78.8	118.2	
167	12.9	10.6	16.0	

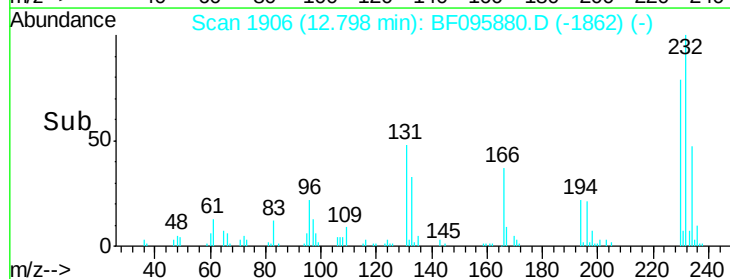
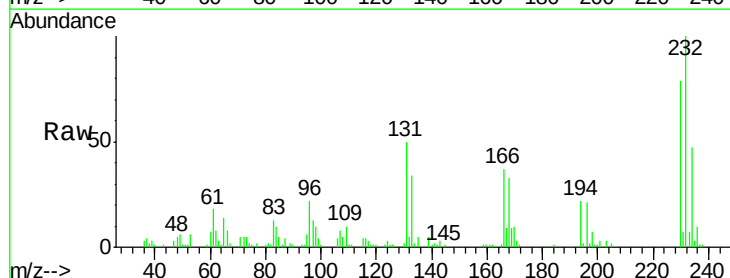
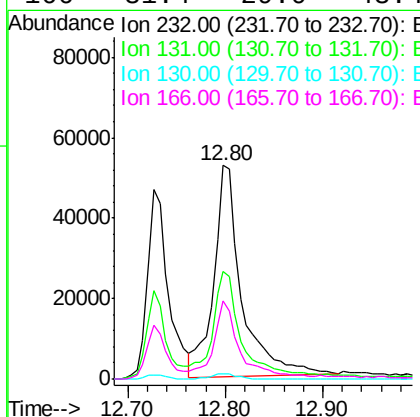
Manual Integrations
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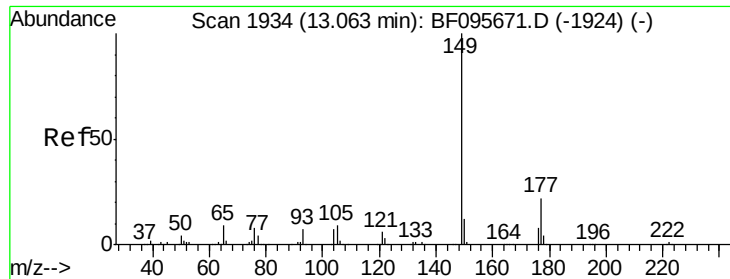
mohammad
 6/13/2017 4:10:32 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.694 ng
 RT: 12.80 min Scan# 1906
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	104430		
131	49.1	44.8	67.2	
130	2.2	2.3	3.5#	
166	31.4	29.0	43.4	





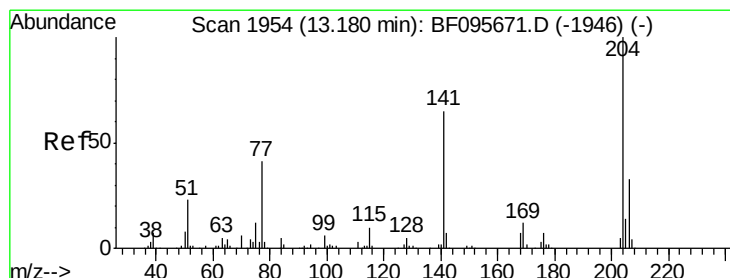
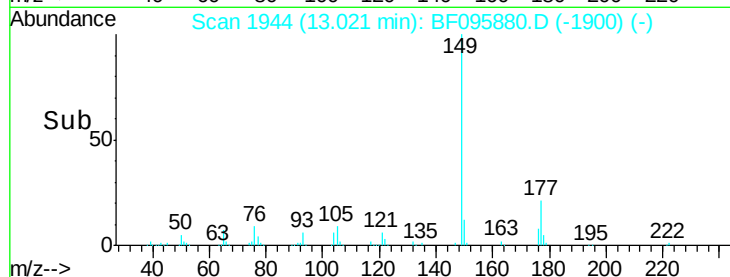
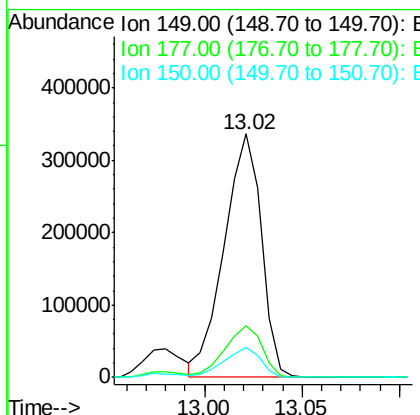
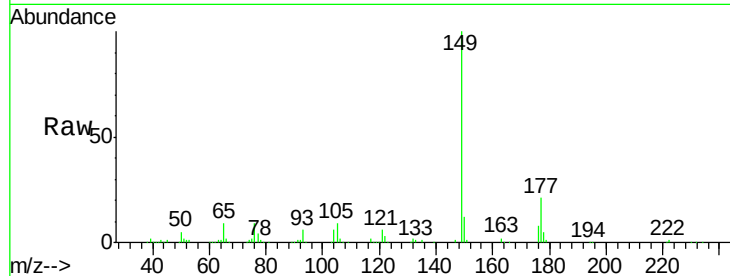
#59
Diethylphthalate
Concen: 45.369 ng
RT: 13.02 min Scan# 1944
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.0	10.2	15.2

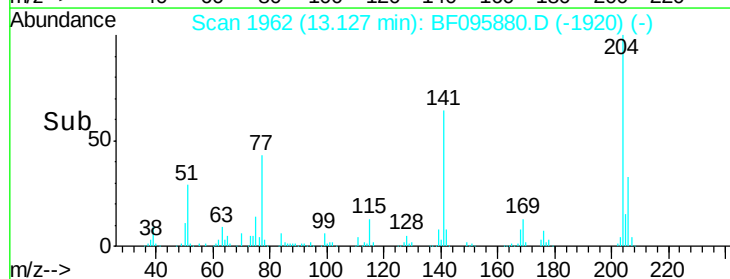
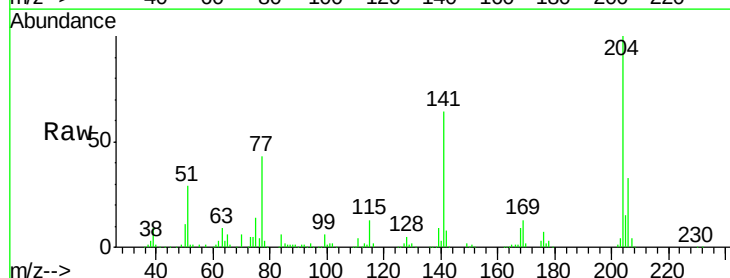
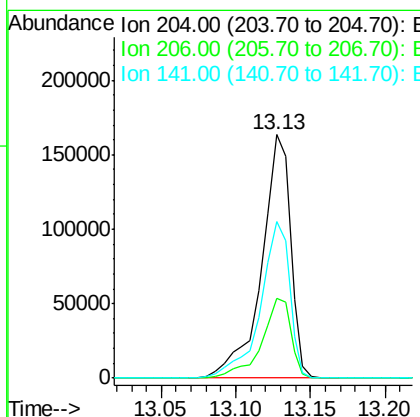
Manual Integrations
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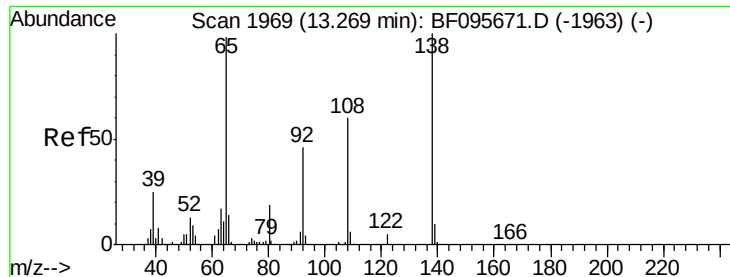
mohammad
6/13/2017 4:10:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.525 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	64.2	60.8	91.2





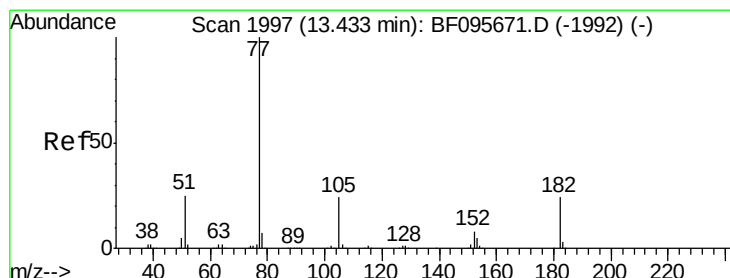
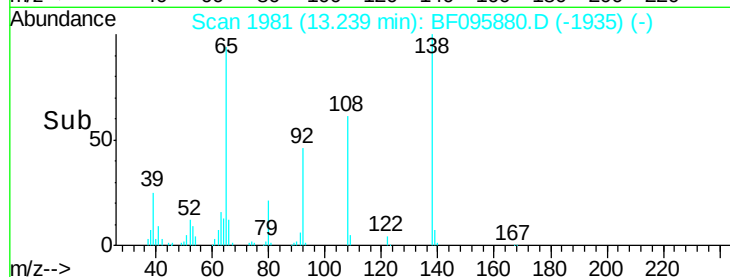
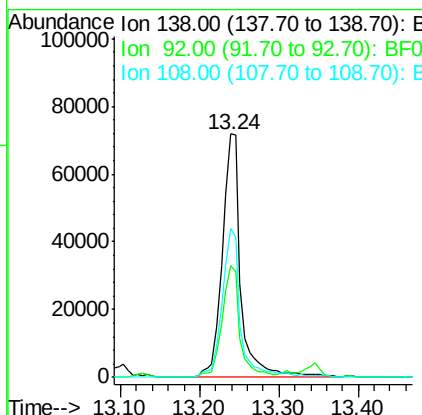
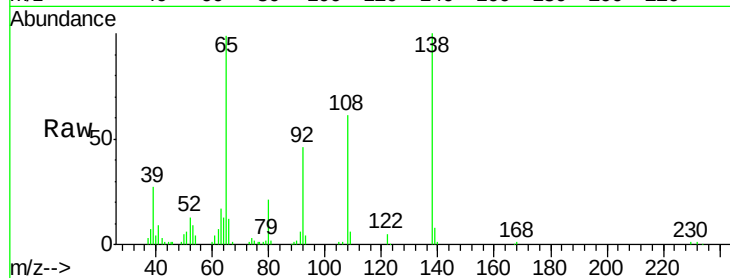
#61
4-Nitroaniline
Concen: 48.482 ng
RT: 13.24 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	21.8	61.8
108	61.4	42.3	82.3

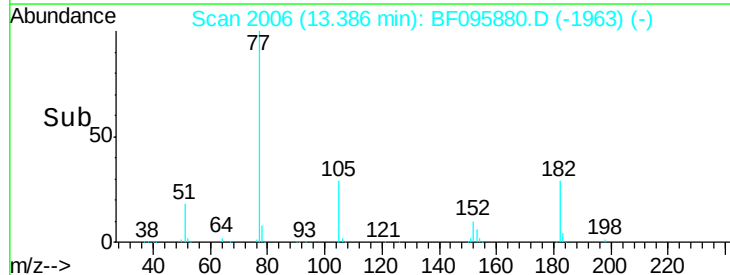
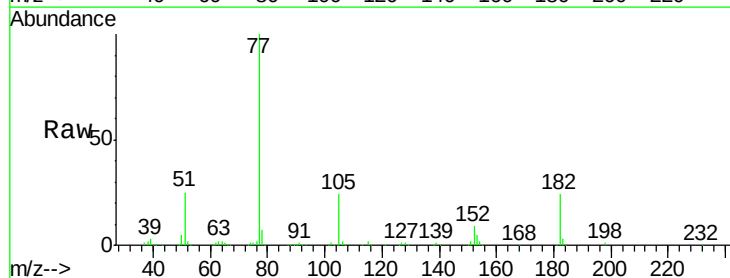
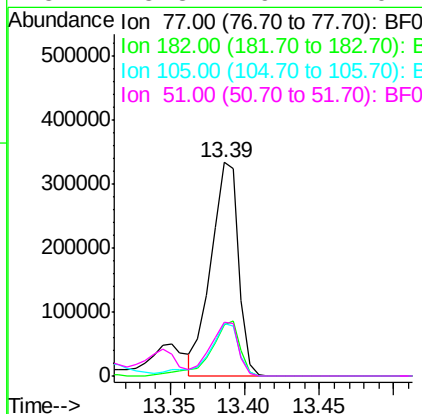
Manual Integrations
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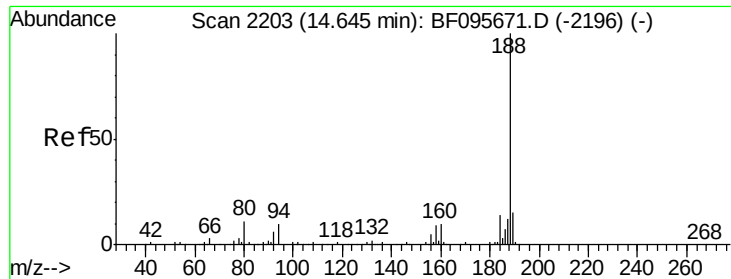
mohammad
6/13/2017 4:10:32 PM



#62
Azobenzene
Concen: 48.379 ng
RT: 13.39 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	0.1	40.1
105	24.3	3.6	43.6
51	25.3	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

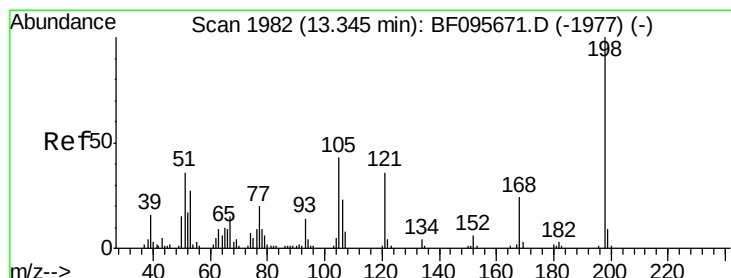
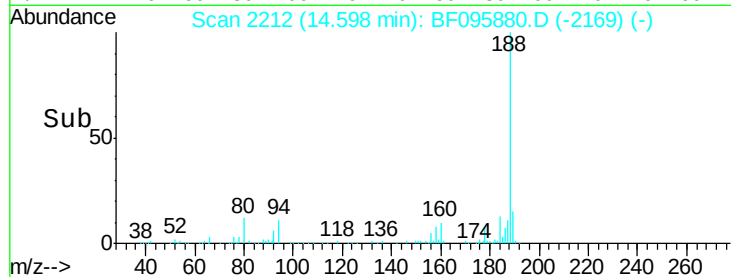
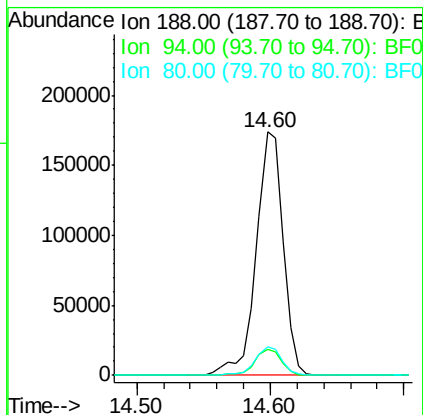
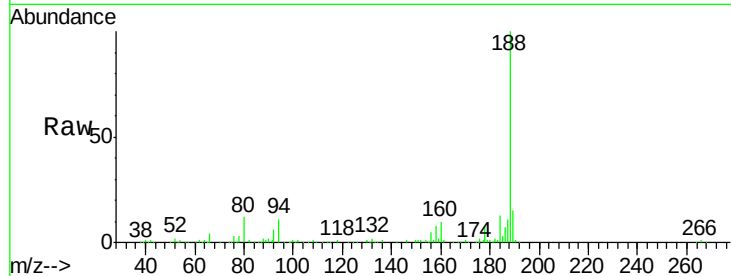
ClientSampleId :

RO-2342MSD

Tgt Ion:	188	Resp:	241198
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	11.7	10.2	15.2

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 48.528 ng

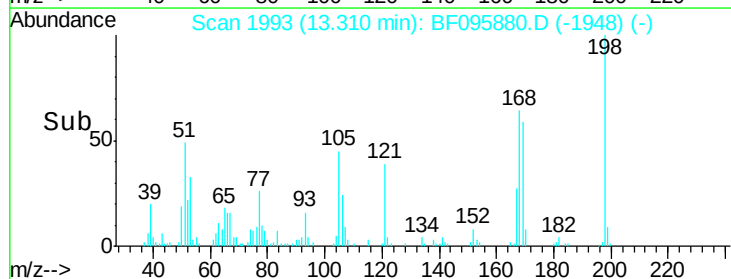
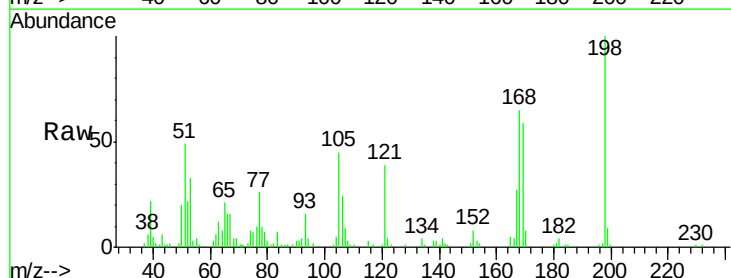
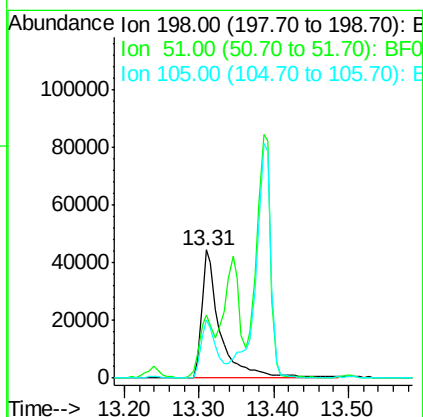
RT: 13.31 min Scan# 1993

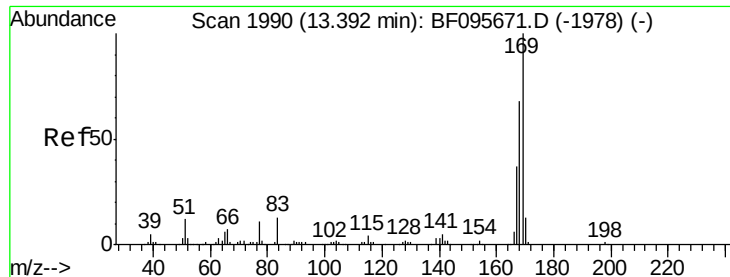
Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	198	Resp:	76936
Ion Ratio	Lower	Upper	
198	100		
51	48.8	53.2	93.2#
105	45.2	45.8	85.8#





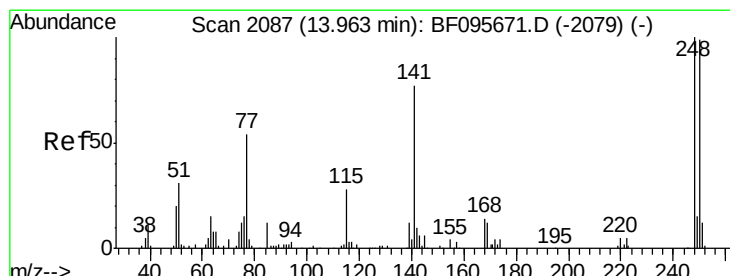
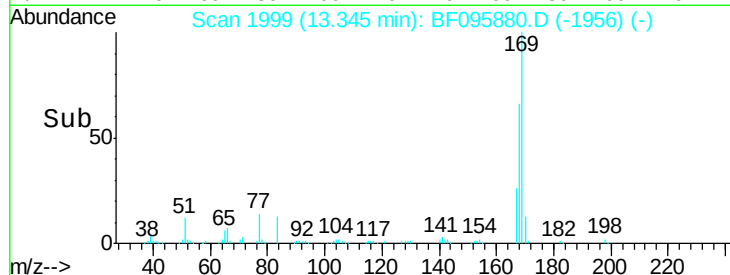
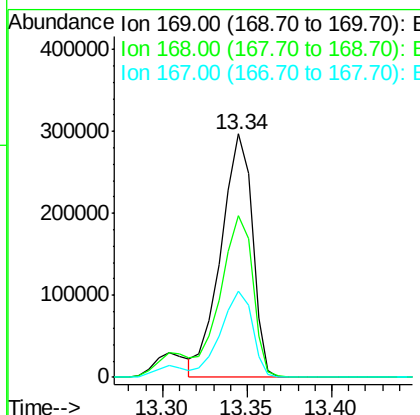
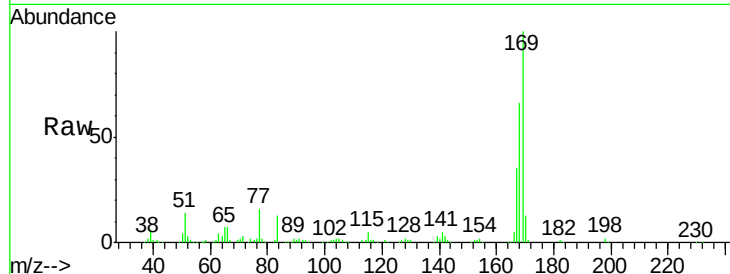
#65
 n-Nitrosodiphenylamine
 Concen: 44.542 ng
 RT: 13.34 min Scan# 1999
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	386040		
168	66.4	53.2	79.8	
167	35.4	29.5	44.3	

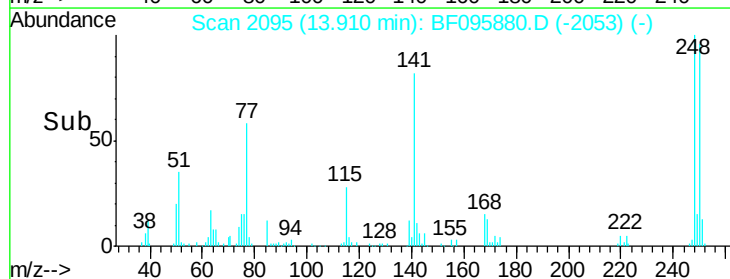
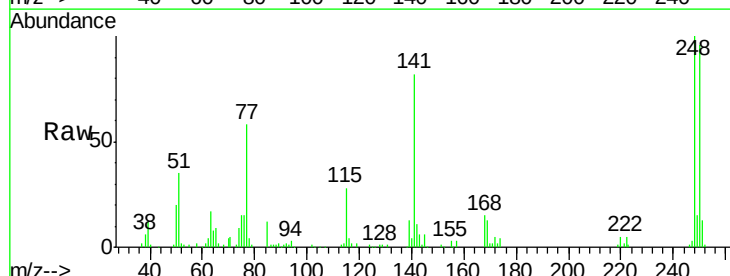
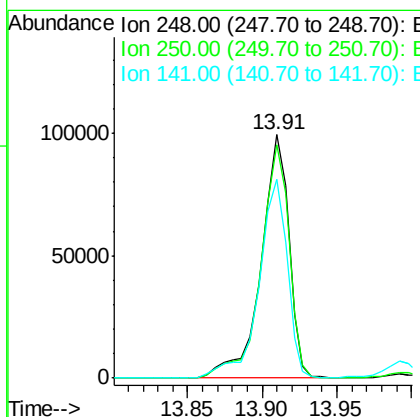
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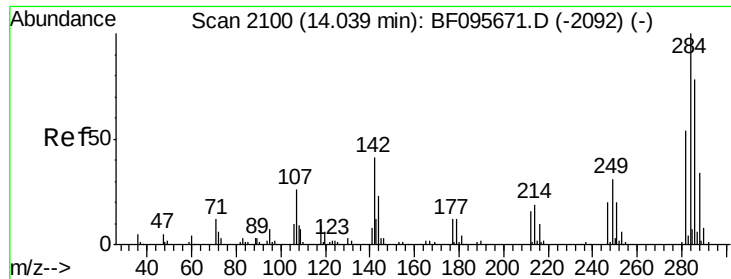
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 51.260 ng
 RT: 13.91 min Scan# 2095
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	128496		
250	96.0	76.8	115.2	
141	81.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 51.318 ng

RT: 13.99 min Scan# 2109

Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

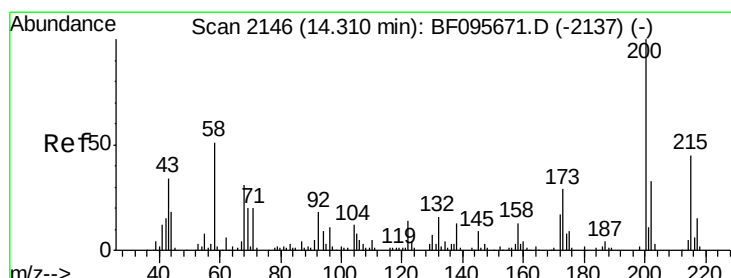
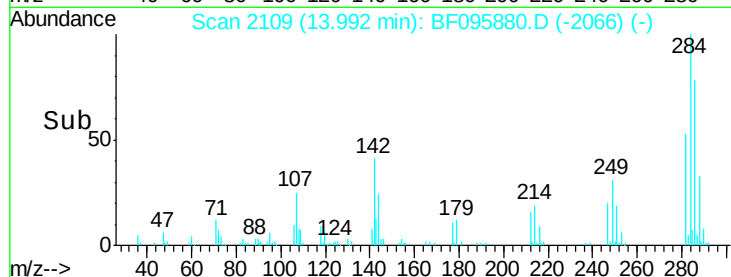
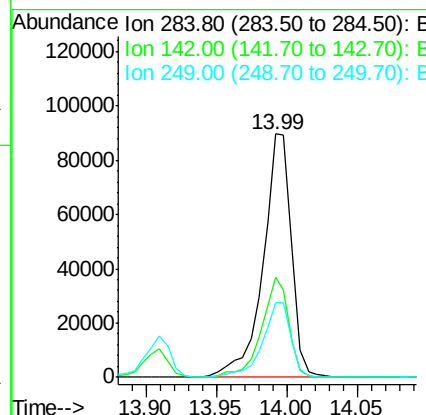
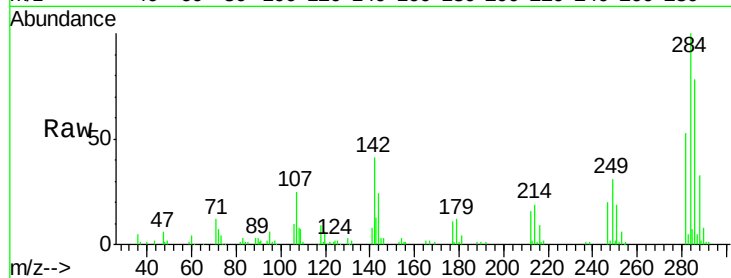
ClientSampleId :

RO-2342MSD

Tgt Ion:	284	Resp:	126762
Ion Ratio	Lower	Upper	
284	100		
142	41.1	22.8	34.2#
249	30.6	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 50.443 ng

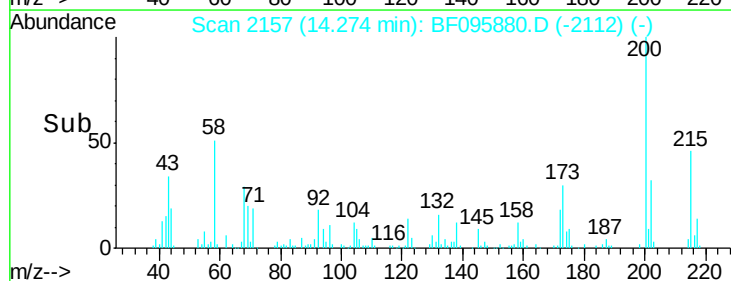
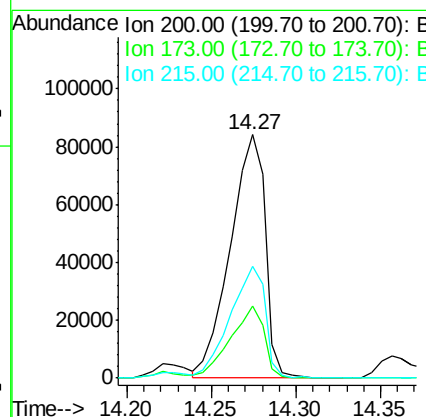
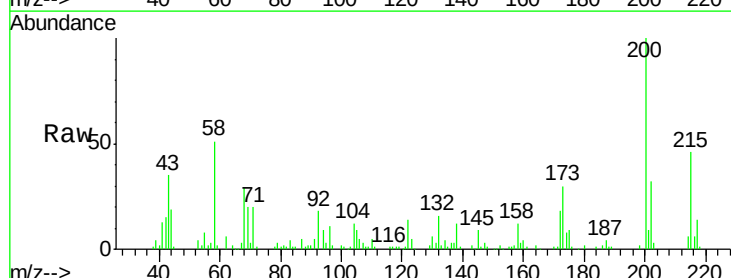
RT: 14.27 min Scan# 2157

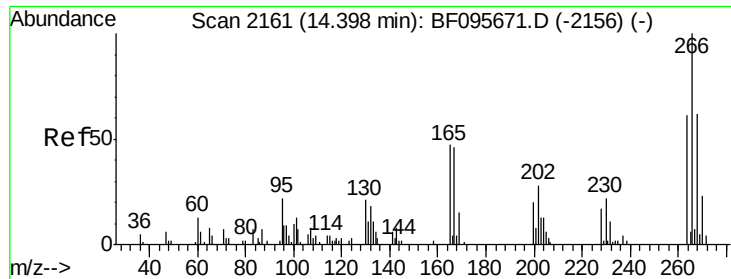
Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	200	Resp:	121673
Ion Ratio	Lower	Upper	
200	100		
173	29.6	6.3	46.3
215	45.7	27.2	67.2





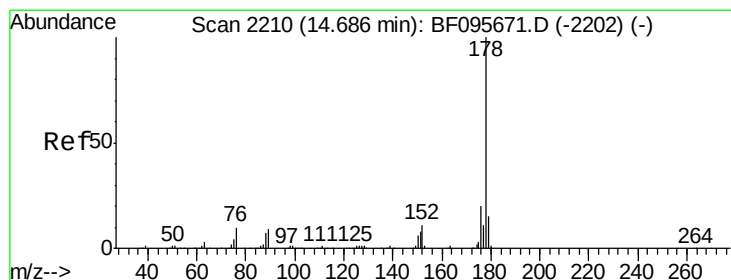
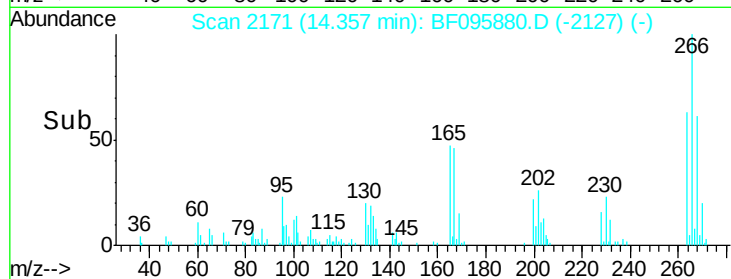
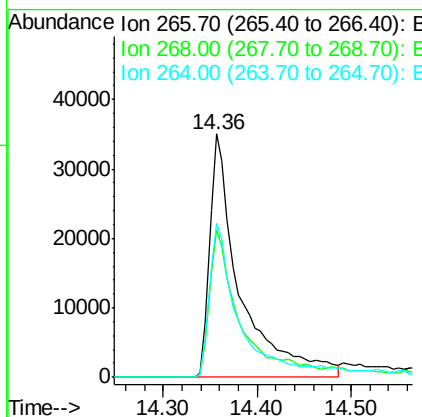
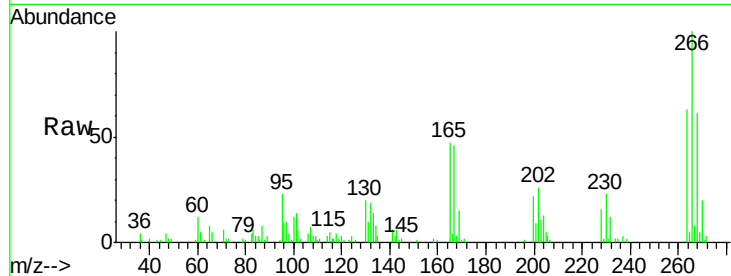
#69
 Pentachlorophenol
 Concen: 84.446 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	63.2	51.7	77.5

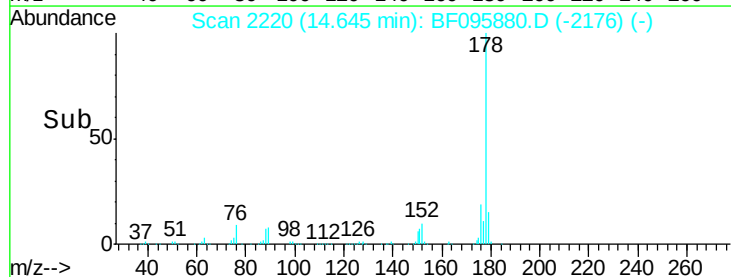
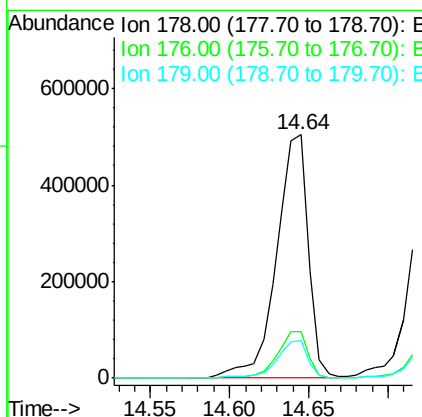
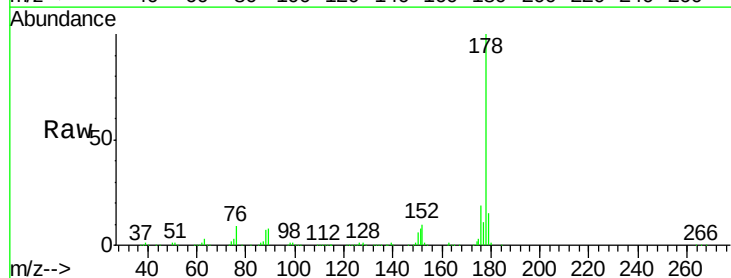
Manual Integrations
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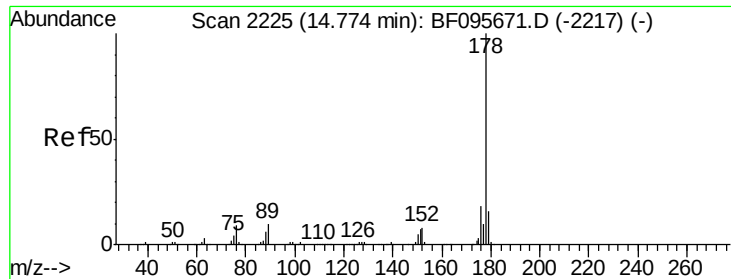
mohammad
 6/13/2017 4:10:32 PM



#70
 Phenanthrene
 Concen: 50.375 ng
 RT: 14.64 min Scan# 2220
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.3	12.6	19.0





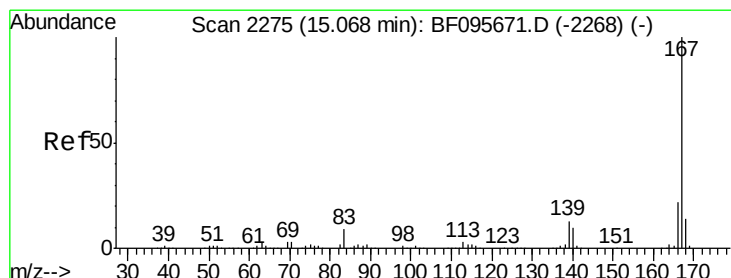
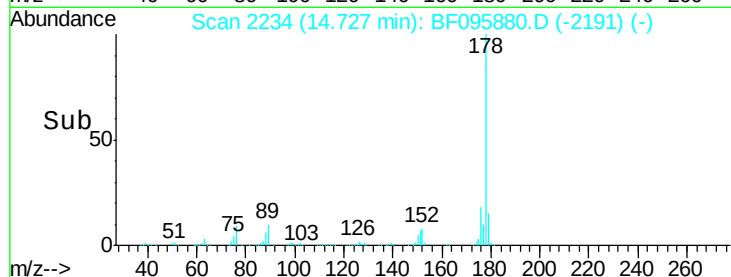
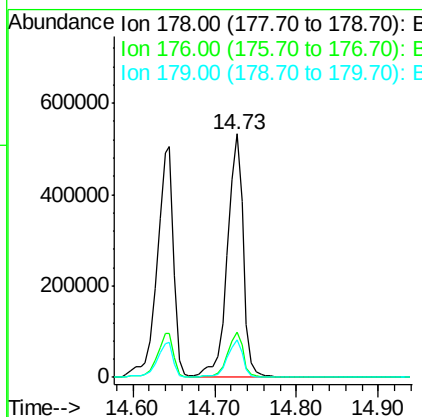
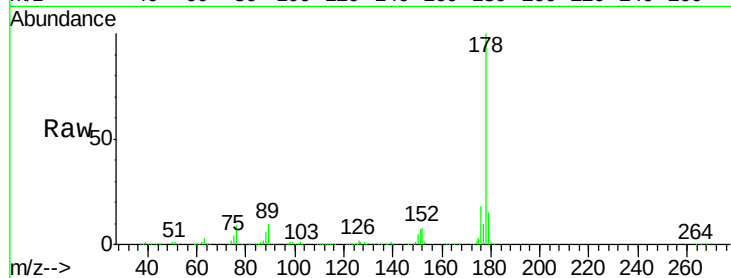
#71
 Anthracene
 Concen: 49.486 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.2	12.7	19.1

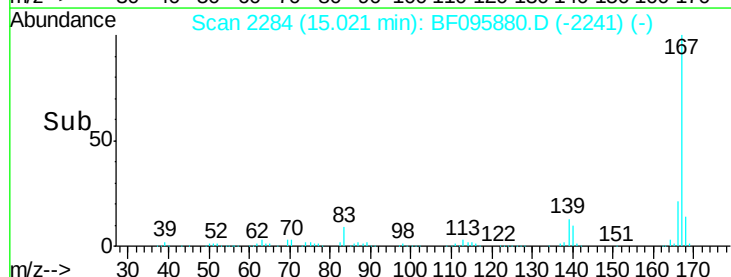
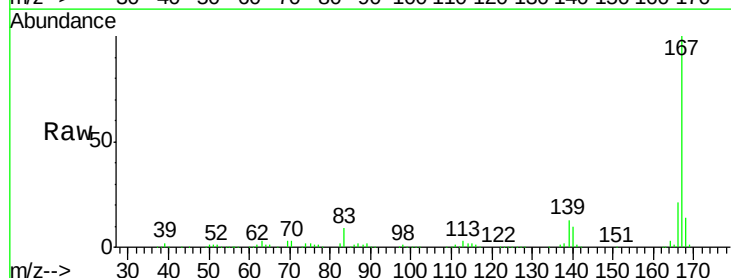
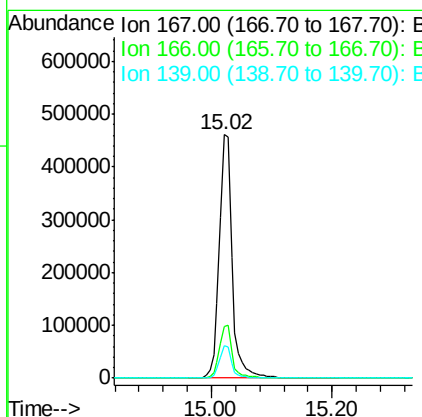
Manual Integrations
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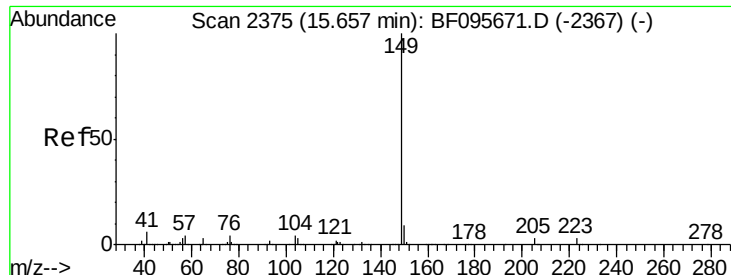
mohammad
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#72
 Carbazole
 Concen: 47.521 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 52.937 ng

RT: 15.62 min Scan# 2385

Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

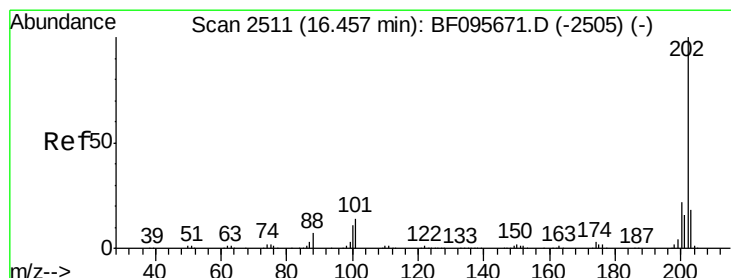
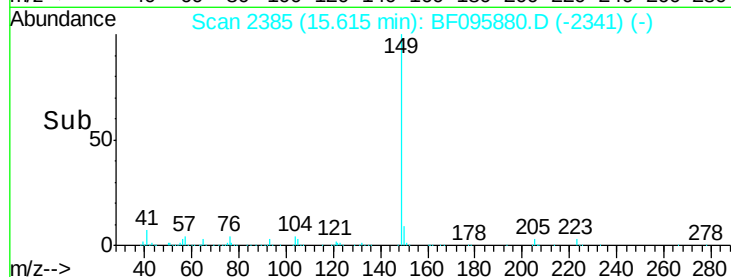
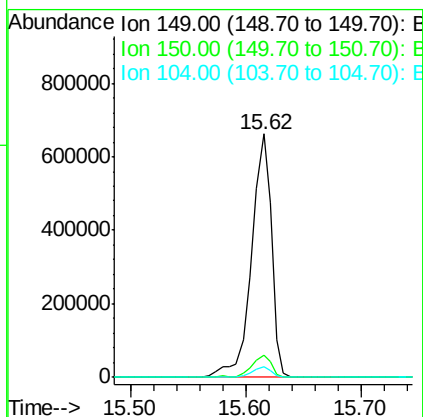
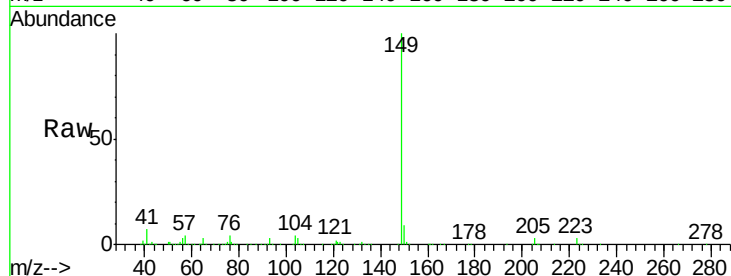
ClientSampleId :

RO-2342MSD

Tgt Ion:	149	Resp:	797420
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 50.731 ng

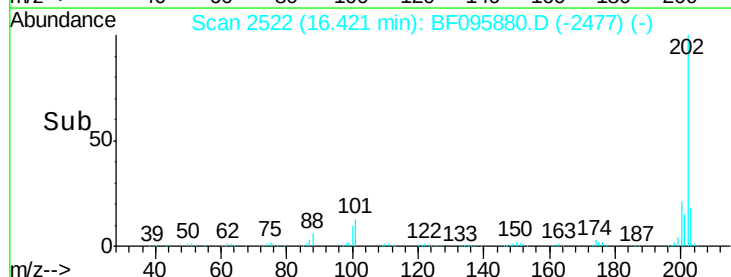
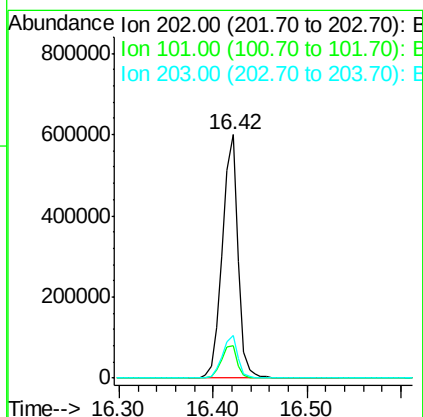
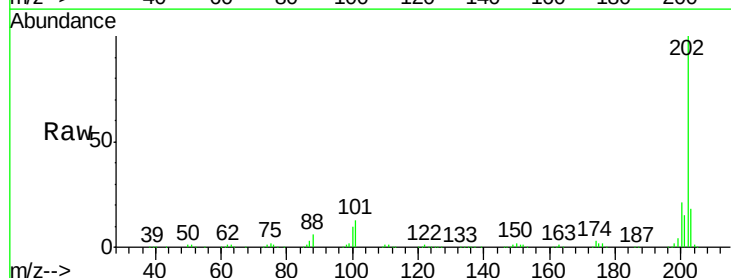
RT: 16.42 min Scan# 2522

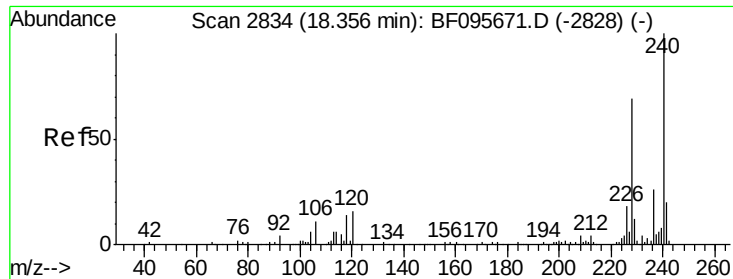
Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	202	Resp:	698787
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	17.5	0.0	38.1





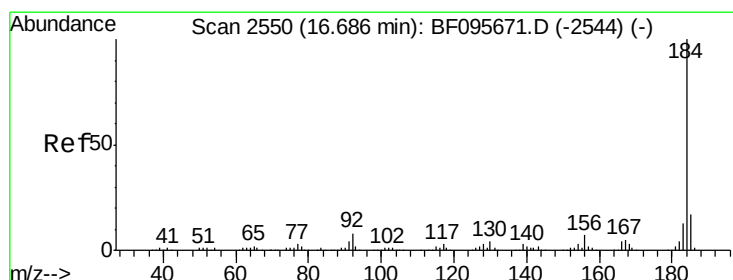
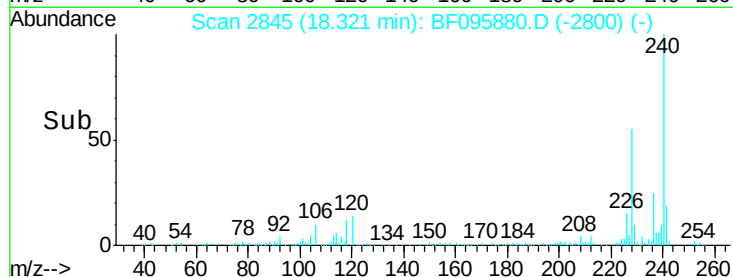
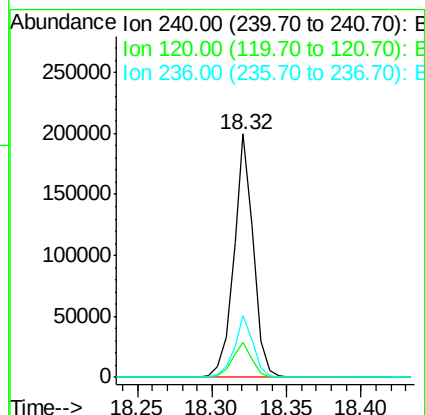
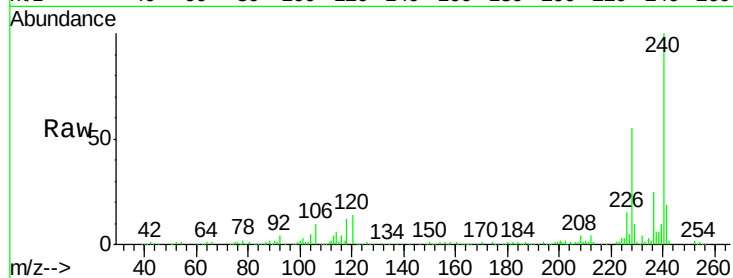
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion:240 Resp: 182400
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 25.3 20.5 30.7

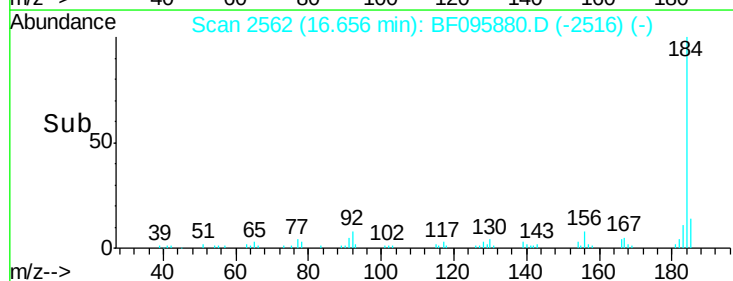
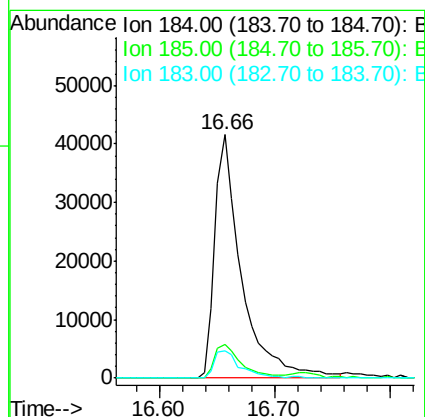
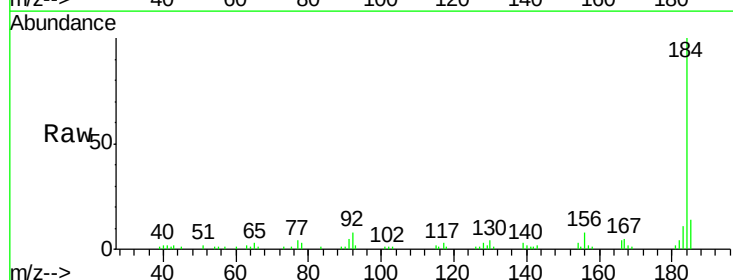
Manual Integrations
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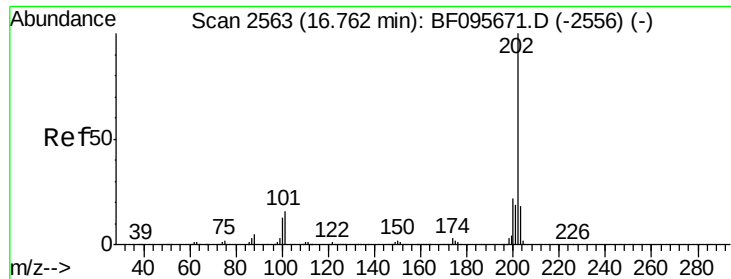
mohammad
6/13/2017 4:10:32 PM



#76
Benzidine
Concen: 9.598 ng
RT: 16.66 min Scan# 2562
Delta R.T. -0.03 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion:184 Resp: 67234
Ion Ratio Lower Upper
184 100
185 13.6 15.5 23.3#
183 11.4 9.8 14.6





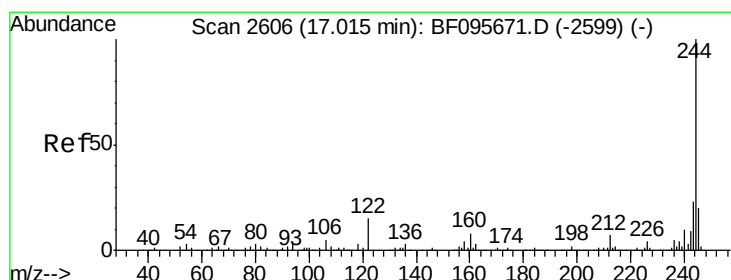
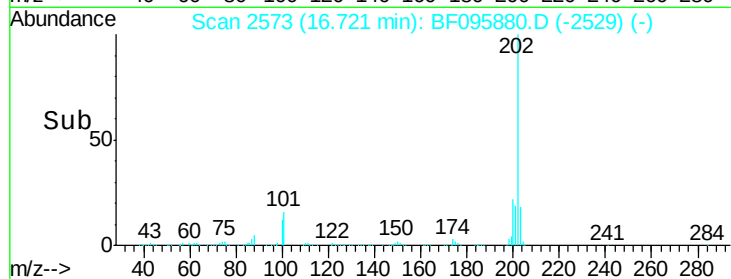
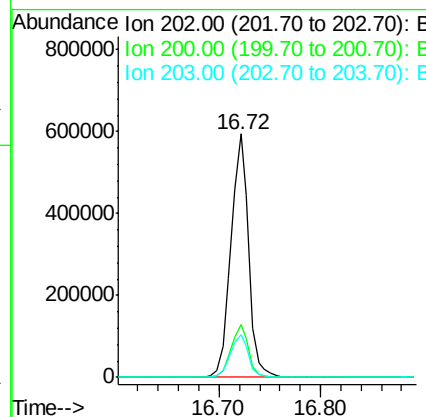
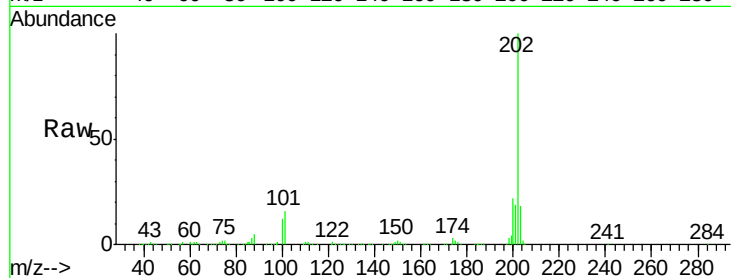
#77
 Pyrene
 Concen: 52.889 ng
 RT: 16.72 min Scan# 2573
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion:	202	Resp:	719817
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	17.8	14.4	21.6

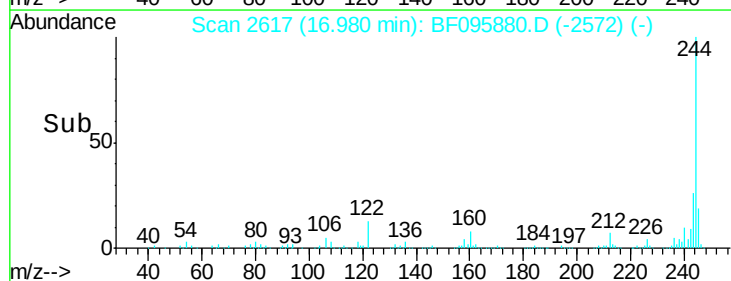
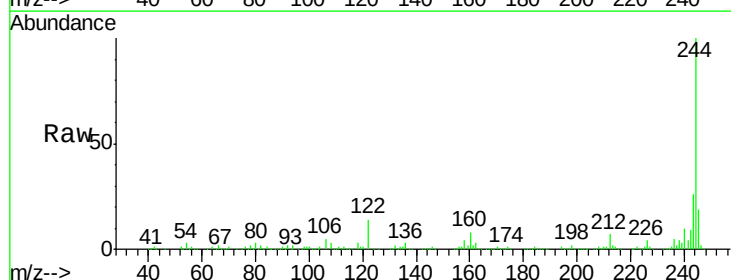
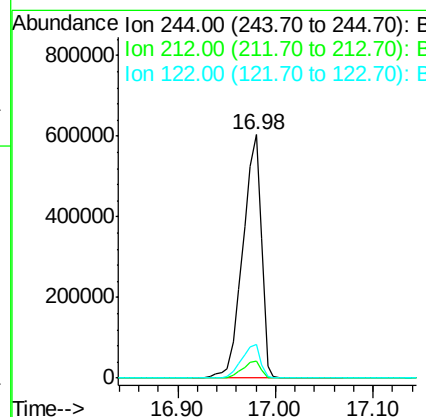
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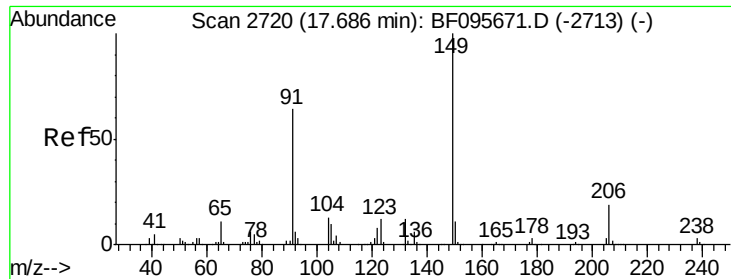
mohammad
 6/13/2017 4:10:32 PM



#78
 Terphenyl-d14
 Concen: 108.314 ng
 RT: 16.98 min Scan# 2617
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion:	244	Resp:	796072
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.0	10.3	15.5





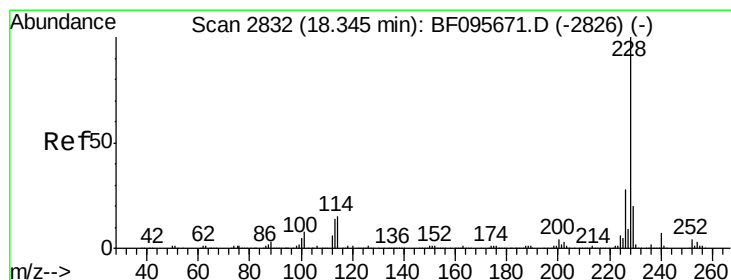
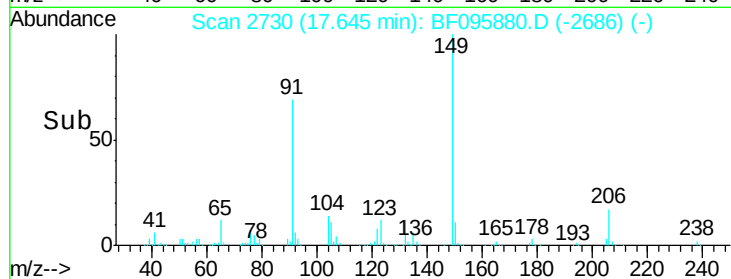
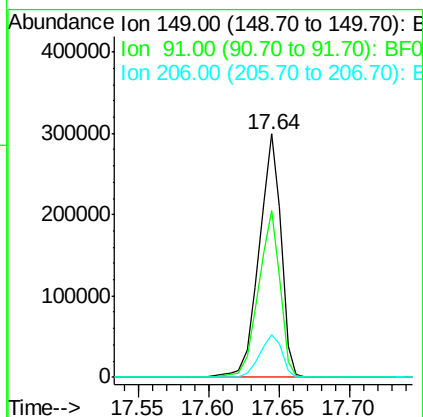
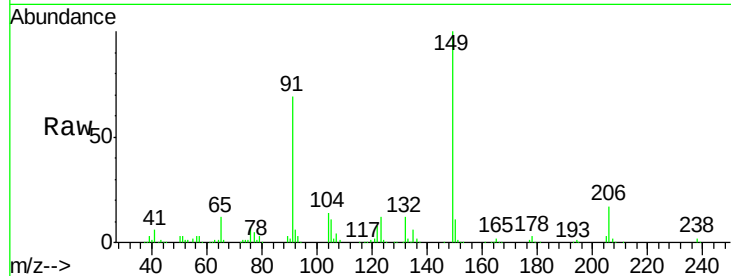
#79
Butylbenzylphthalate
Concen: 55.265 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.7	45.0	67.4#
206	17.5	17.0	25.6

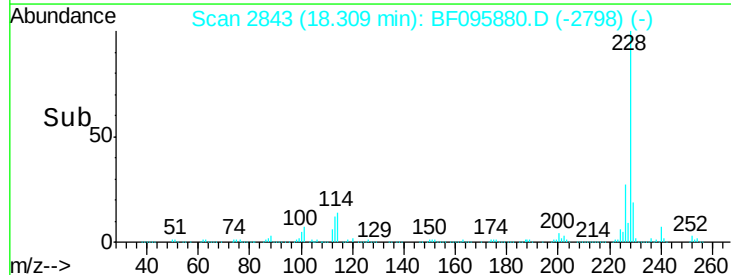
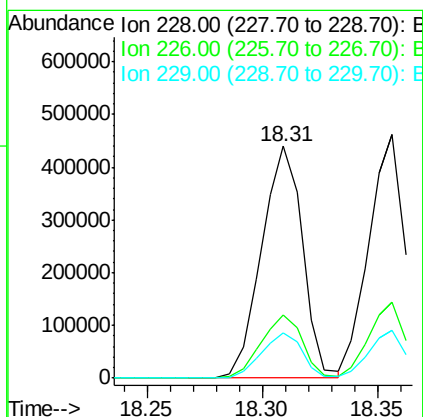
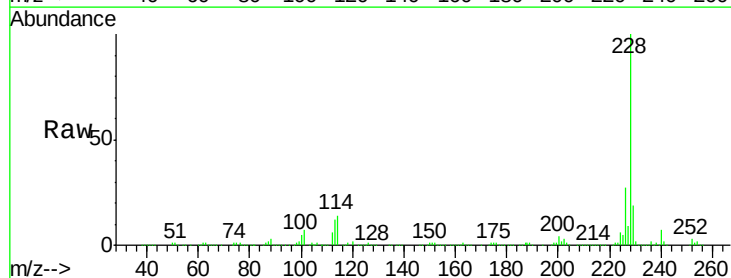
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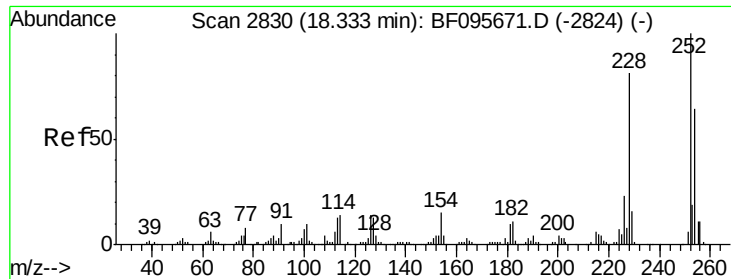
mohammad
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#80
Benzo(a)anthracene
Concen: 51.125 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	22.6	33.8
229	19.4	16.3	24.5





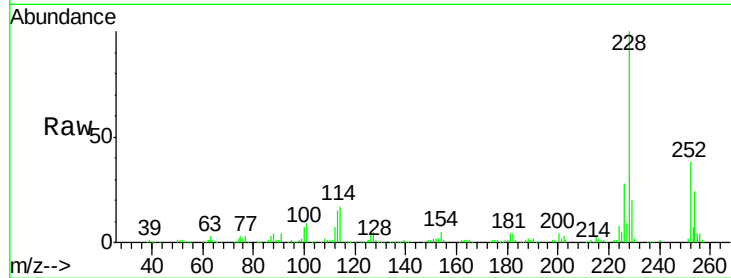
#81
 3,3'-Dichlorobenzidine
 Concen: 23.225 ng
 RT: 18.30 min Scan# 2841
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

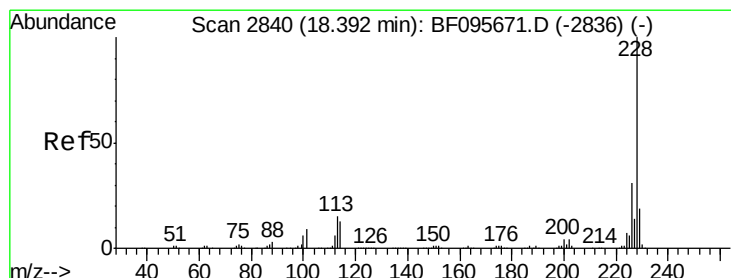
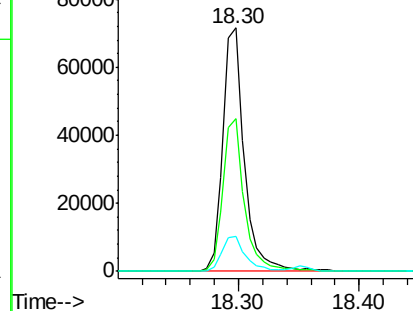
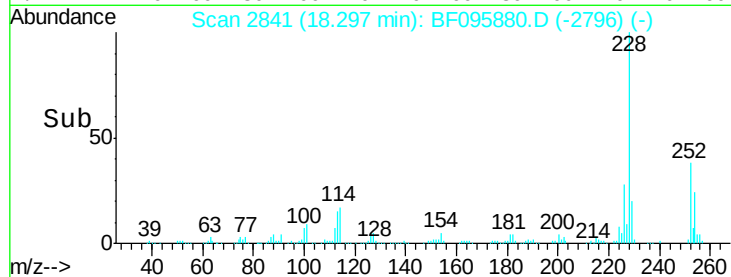
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	87567		
254	62.5	51.5	77.3	
126	14.3	15.8	23.8	

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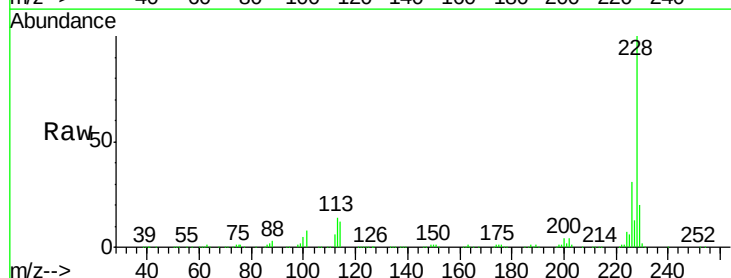


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

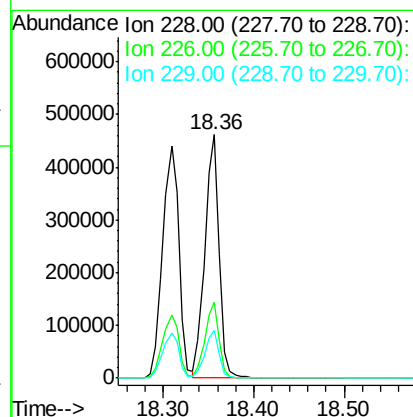
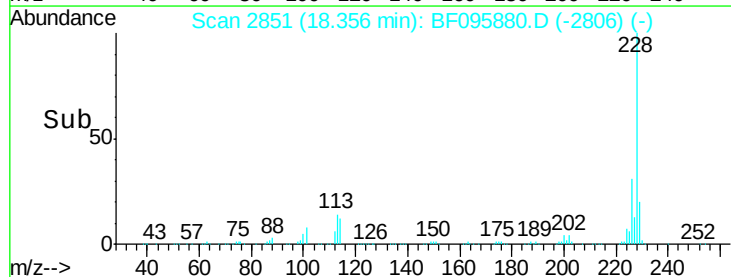


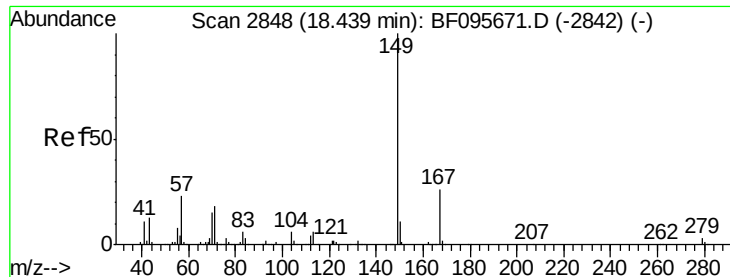
#82
 Chrysene
 Concen: 48.266 ng
 RT: 18.36 min Scan# 2851
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	511523		
226	31.0	24.9	37.3	
229	19.6	15.8	23.6	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.796 ng

RT: 18.40 min Scan# 2858

Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

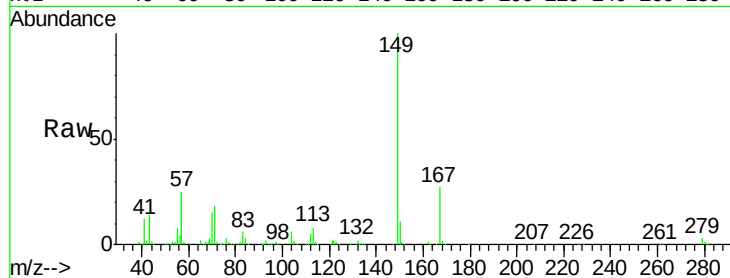
ClientSampleId :

RO-2342MSD

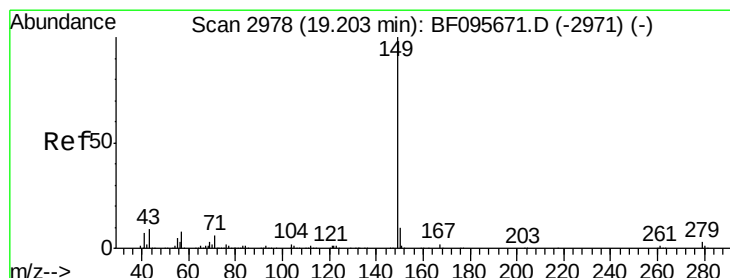
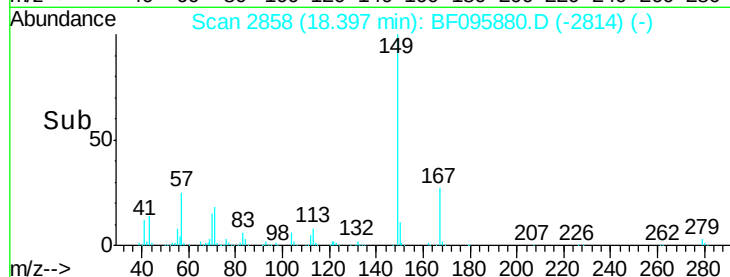
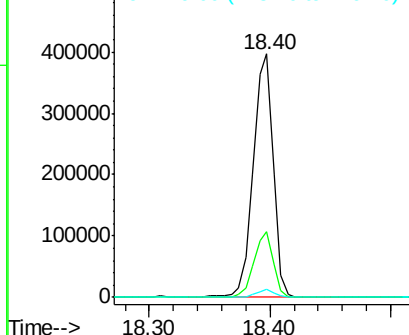
Tgt Ion:	149	Resp:	459435
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	3.1	1.9	2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.228 ng

RT: 19.16 min Scan# 2988

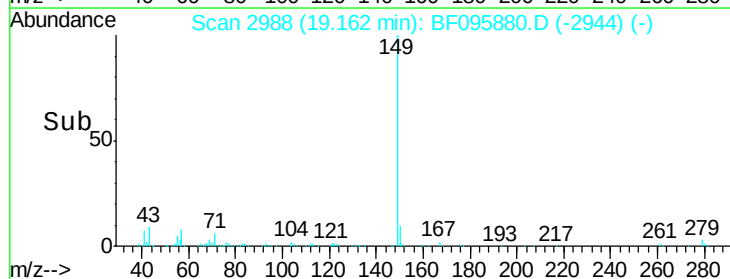
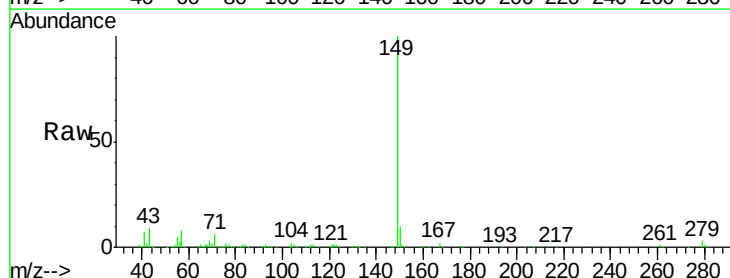
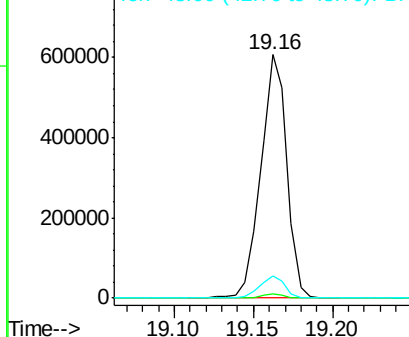
Delta R.T. -0.04 min

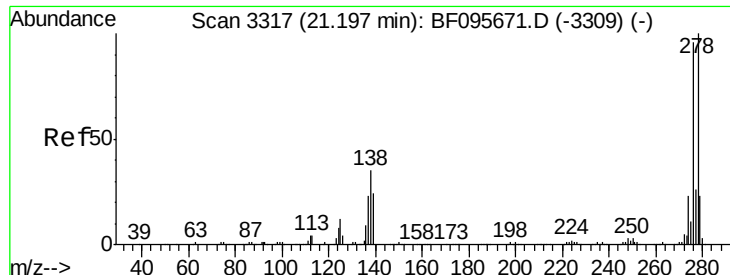
Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	149	Resp:	693956
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.9	8.5	12.7

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





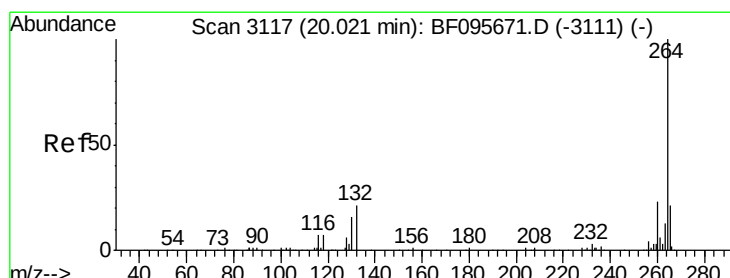
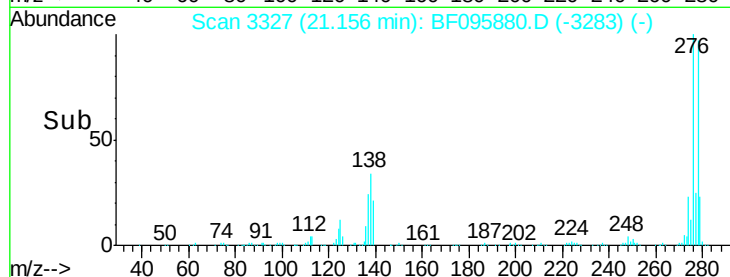
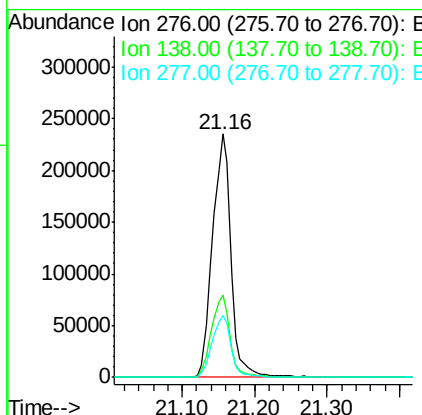
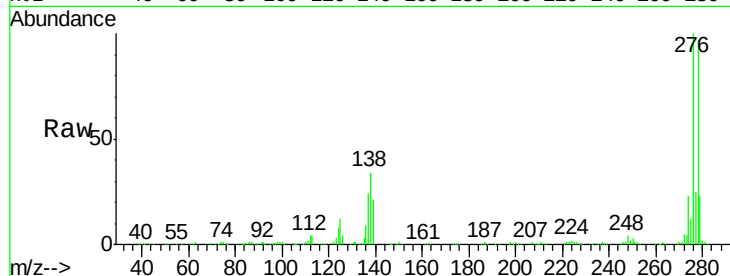
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.937 ng
 RT: 21.16 min Scan# 3327
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Instrument :
 BNA_F
 ClientSampleId :
 RO-2342MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	416545		
138	34.2	27.8	41.6	
277	25.9	20.2	30.4	

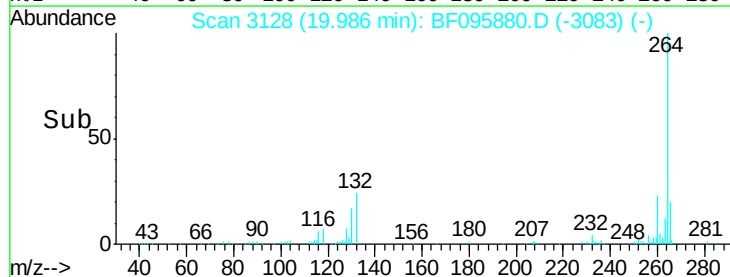
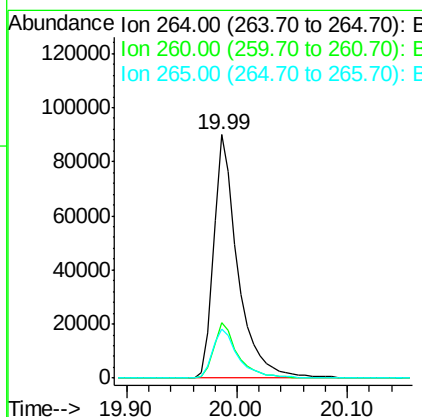
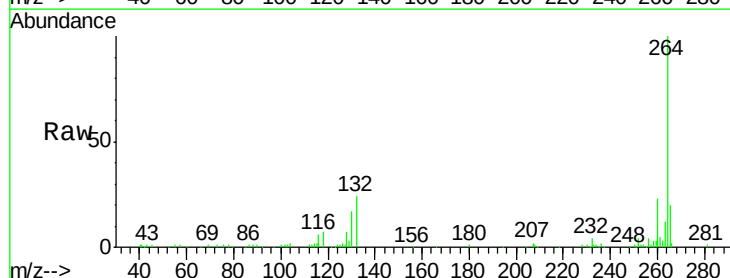
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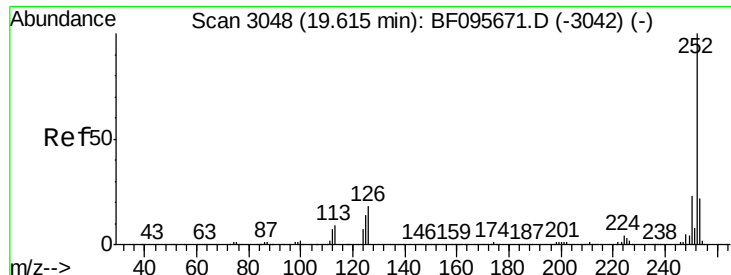
mohammad
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095880.D
 Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	134898		
260	22.8	19.5	29.3	
265	20.4	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 51.572 ng

RT: 19.58 min Scan# 3059

Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

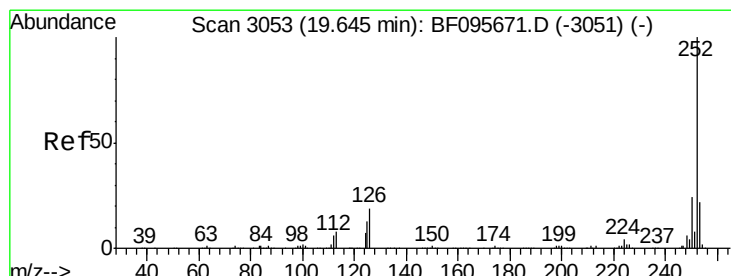
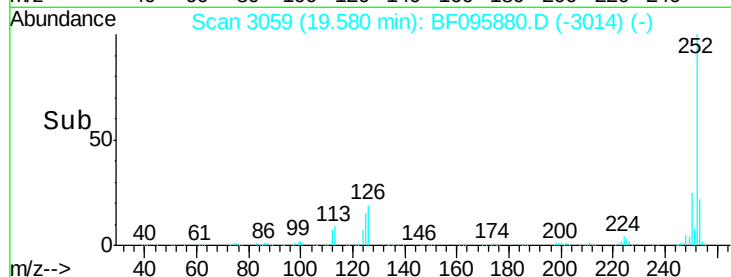
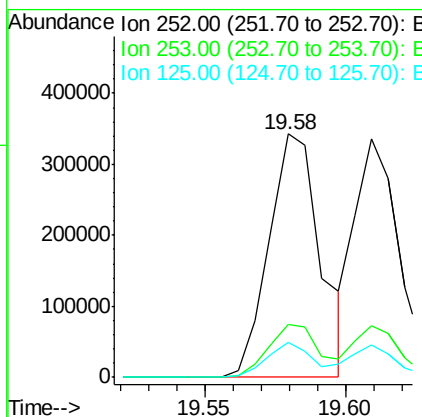
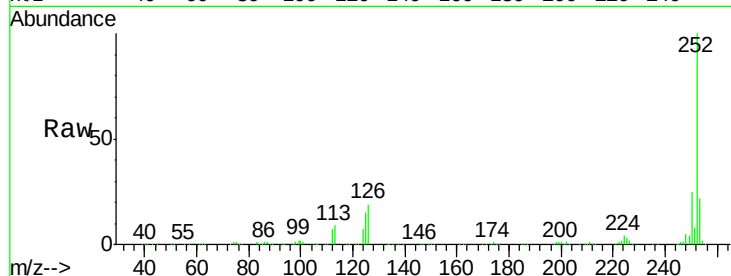
ClientSampleId :

RO-2342MSD

Tgt Ion:	252	Resp:	435620
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	14.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 47.640 ng

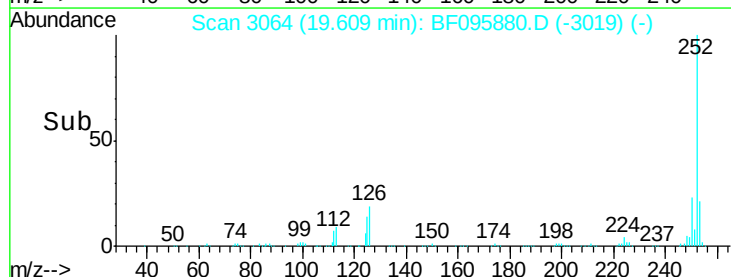
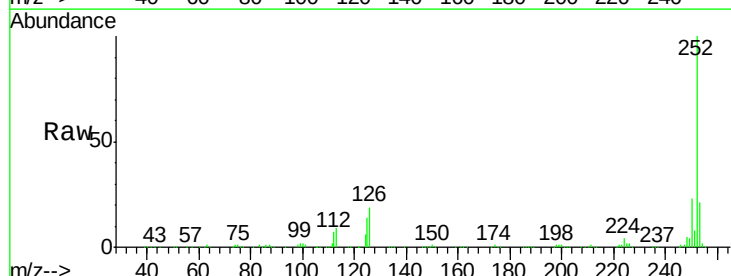
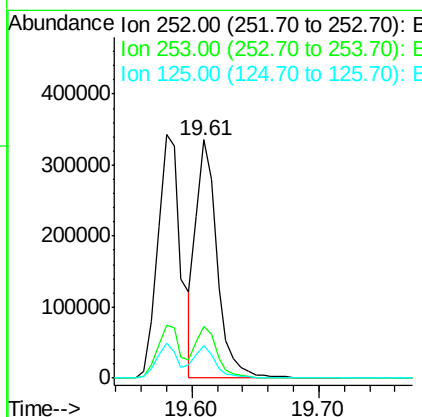
RT: 19.61 min Scan# 3064

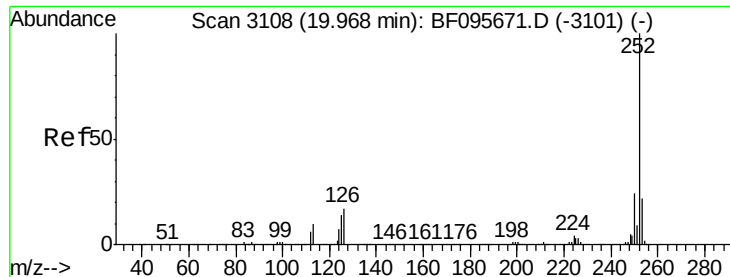
Delta R.T. -0.04 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Tgt Ion:	252	Resp:	384636
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.4	27.6
125	13.7	13.1	19.7





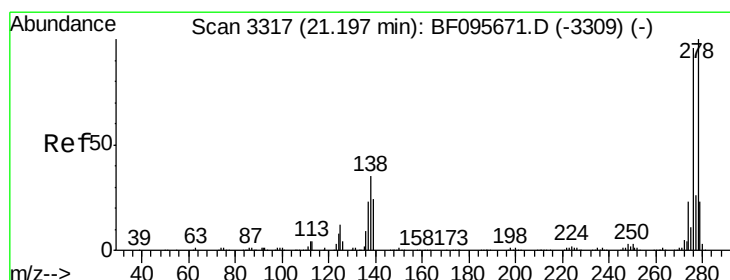
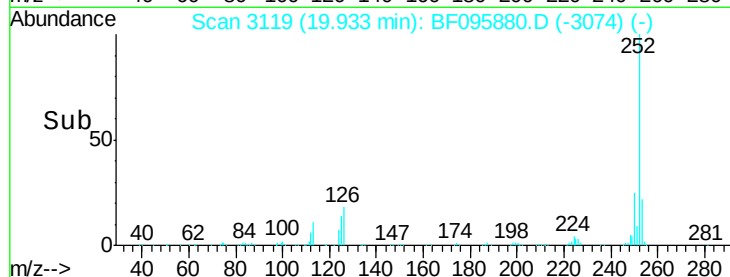
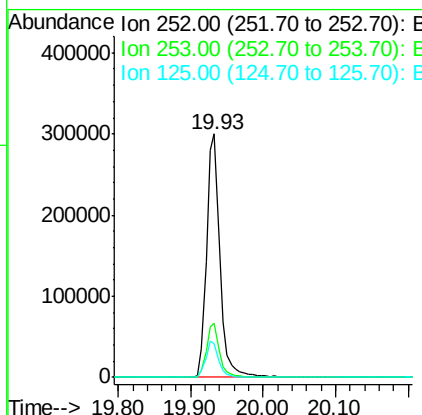
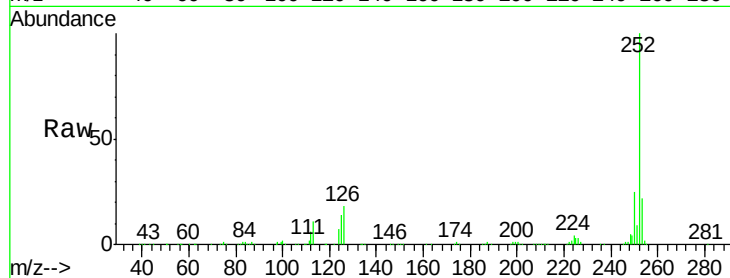
#89
Benzo(a)pyrene
Concen: 49.389 ng
RT: 19.93 min Scan# 3119
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Instrument :
BNA_F
ClientSampleId :
RO-2342MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.6	11.0	16.4

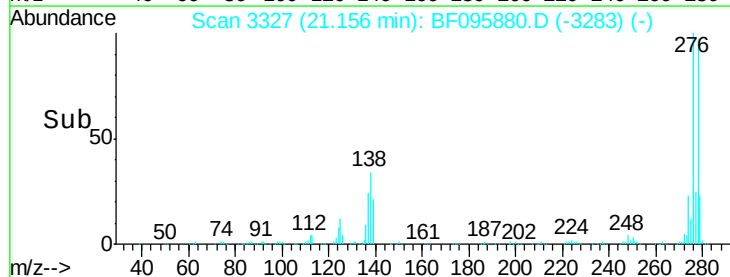
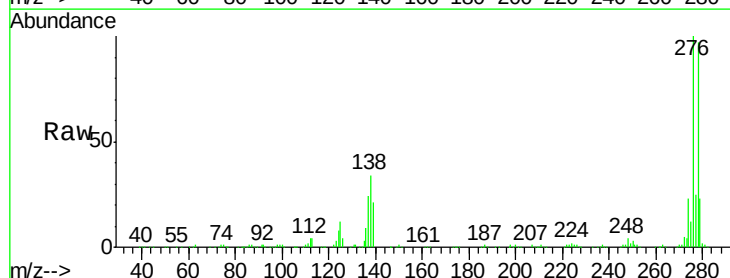
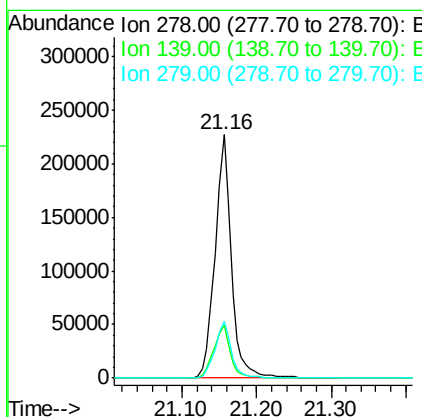
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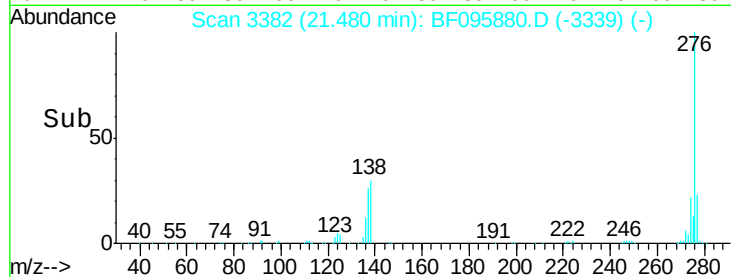
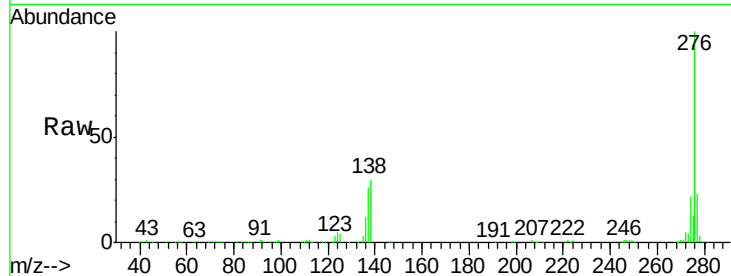
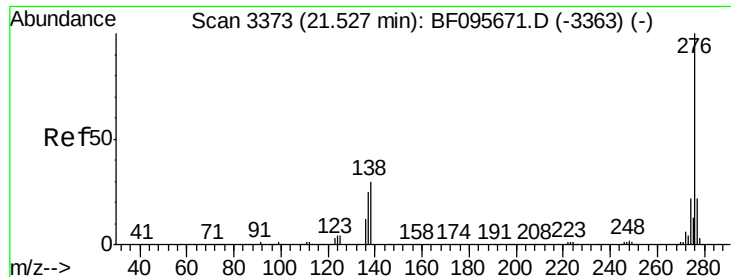
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 52.394 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095880.D
Acq: 12 Jun 2017 19:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	23.5	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 54.330 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BF095880.D

Acq: 12 Jun 2017 19:34

Instrument :

BNA_F

ClientSampleId :

RO-2342MSD

Tgt Ion:	276	Resp:	364771
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.6	28.0
138	29.6	25.4	38.0

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