

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094491.D
 Acq On : 18 Apr 2017 17:31
 Operator : SJ/MA
 Sample : PB98306BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Manual Integrations
 APPROVED

mohammad
 4/19/2017 1:33:24 PM

Quant Time: Apr 19 02:05:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	123210	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	496495	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	214989	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	400115	20.00	ng	0.00
75) Chrysene-d12	14.47	240	356498	20.00	ng	0.00
86) Perylene-d12	16.09	264	281895	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	970341	130.66	ng	0.03
7) Phenol-d6	5.41	99	1192524	136.21	ng	0.02
23) Nitrobenzene-d5	6.42	82	745315	92.69	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	252237	150.00	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1312456	89.82	ng	0.00
78) Terphenyl-d14	13.20	244	1235243	92.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	140730	32.58	ng	97
3) Pyridine	2.67	79	368689	39.06	ng	98
4) n-Nitrosodimethylamine	2.62	42	160905	41.20	ng	91
6) Aniline	5.41	93	298876	25.69	ng	# 79
8) 2-Chlorophenol	5.55	128	364315	43.11	ng	97
9) Benzaldehyde	5.28	77	73347	11.01	ng	97
10) Phenol	5.42	94	460451	42.81	ng	90
11) bis(2-Chloroethyl)ether	5.49	93	347533	44.23	ng	99
12) 1,3-Dichlorobenzene	5.71	146	393277	42.01	ng	98
13) 1,4-Dichlorobenzene	5.80	146	409245	43.45	ng	97
14) 1,2-Dichlorobenzene	5.97	146	363915	41.94	ng	94
15) Benzyl Alcohol	5.95	79	285857	44.01	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	466950	45.33	ng	78
17) 2-Methylphenol	6.10	107	304649	45.77	ng	96
18) Hexachloroethane	6.36	117	142445	44.11	ng	89
19) n-Nitroso-di-n-propylamine	6.27	70	249674	43.04	ng	96
20) 3+4-Methylphenols	6.28	107	401593	44.40	ng	# 63
22) Acetophenone	6.25	105	500047	41.42	ng	# 87
24) Nitrobenzene	6.45	77	374505	44.23	ng	92
25) Isophorone	6.74	82	677820	45.48	ng	95
26) 2-Nitrophenol	6.82	139	211735	46.55	ng	97
27) 2,4-Dimethylphenol	6.90	122	336897	45.59	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	441352	45.78	ng	99
29) 2,4-Dichlorophenol	7.12	162	314223	45.71	ng	97
30) 1,2,4-Trichlorobenzene	7.21	180	313337	44.09	ng	99
31) Naphthalene	7.30	128	1060375	44.43	ng	100
32) Benzoic acid	7.07	122	131471	33.65	ng	94
33) 4-Chloroaniline	7.37	127	90154	9.08	ng	# 93
34) Hexachlorobutadiene	7.45	225	150022	42.34	ng	99
35) Caprolactam	7.82	113	104466m	48.38	ng	
36) 4-Chloro-3-methylphenol	8.00	107	319888	44.41	ng	91
37) 2-Methylnaphthalene	8.14	142	734090	44.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	274033	44.76	ng	99
40) Hexachlorocyclopentadiene	8.33	237	260995	105.39	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	198953	46.28	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	209545	47.46	nq	# 91
45) 1,1'-Biphenyl	8.71	154	748359	42.60	nq	98
46) 2-Chloronaphthalene	8.72	162	640453	45.86	nq	94
47) 2-Nitroaniline	8.86	65	184964	46.04	nq	88
48) Acenaphthylene	9.23	152	959567	44.07	nq	99
49) Dimethylphthalate	9.11	163	803618	50.16	nq	98
50) 2,6-Dinitrotoluene	9.17	165	180466	50.18	nq	# 89
51) Acenaphthene	9.44	154	583625	44.75	nq	99
52) 3-Nitroaniline	9.37	138	79431	19.09	nq	93
53) 2,4-Dinitrophenol	9.51	184	131249	68.18	nq	# 74
54) Dibenzofuran	9.66	168	852505	44.98	nq	99
55) 4-Nitrophenol	9.63	139	271164	92.25	nq	# 69
56) 2,4-Dinitrotoluene	9.67	165	216957	49.17	nq	# 88
57) Fluorene	10.08	166	700154	47.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	159420	50.38	nq	96
59) Diethylphthalate	9.97	149	768363	50.83	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	303247	49.37	nq	94
61) 4-Nitroaniline	10.12	138	186804	44.16	nq	97
62) Azobenzene	10.28	77	745010	50.76	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	115195	43.94	nq	# 73
65) n-Nitrosodiphenylamine	10.24	169	658339	47.31	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	185522	46.70	nq	96
67) Hexachlorobenzene	10.75	284	180484	45.08	nq	# 90
68) Atrazine	10.91	200	191758	46.06	nq	96
69) Pentachlorophenol	11.01	266	159689	100.44	nq	97
70) Phenanthrene	11.25	178	1004162	44.57	nq	98
71) Anthracene	11.32	178	1045170	44.84	nq	98
72) Carbazole	11.52	167	1000085	45.72	nq	97
73) Di-n-butylphthalate	11.97	149	1191217	49.46	nq	99
74) Fluoranthene	12.71	202	1078758	46.20	nq	99
76) Benzidine	12.88	184	374150	25.92	nq	# 93
77) Pyrene	12.99	202	1105682	44.39	nq	98
79) Butylbenzylphthalate	13.81	149	550376	50.42	nq	# 84
80) Benzo(a)anthracene	14.46	228	939293	45.33	nq	100
81) 3,3'-Dichlorobenzidine	14.43	252	170900	23.30	nq	98
82) Chrysene	14.50	228	855193	45.16	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	761926	51.99	nq	99
84) Di-n-octyl phthalate	15.28	149	1181896	48.08	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	786597	43.66	nq	99
87) Benzo(b)fluoranthene	15.69	252	813664	47.18	nq	98
88) Benzo(k)fluoranthene	15.72	252	704190m	43.15	nq	
89) Benzo(a)pyrene	16.04	252	724853	45.18	nq	100
90) Dibenzo(a,h)anthracene	17.38	278	648151	48.66	nq	97
91) Benzo(g,h,i)perylene	17.74	276	664951	49.03	nq	98

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

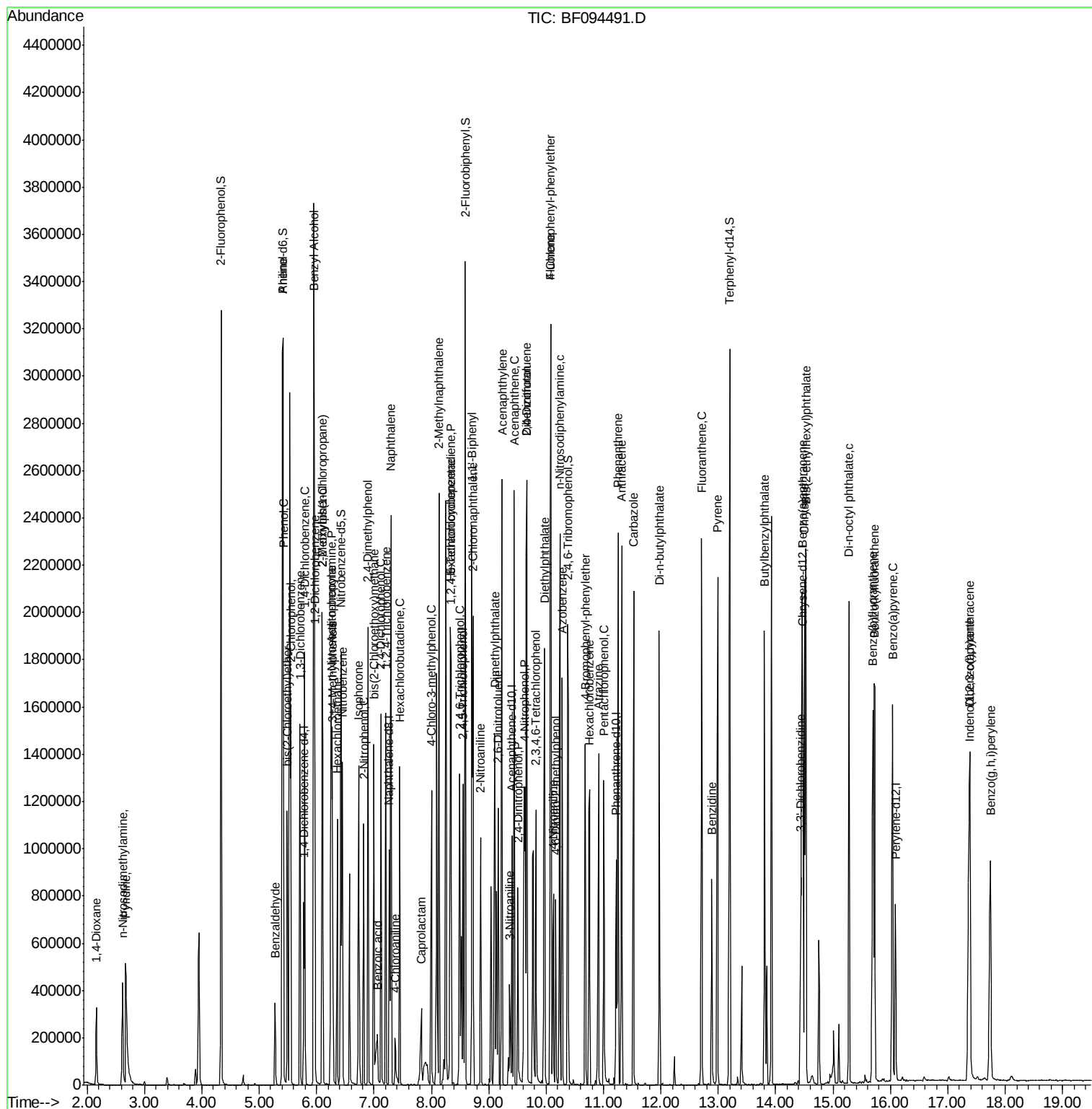
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Operator  : SJ/MA
Sample    : PB98306BS
Misc      :
ALS Vial  : 3      Sample Multiplier: 1
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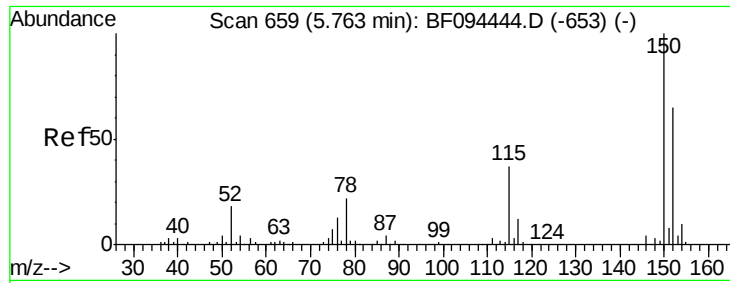
Instrument :
BNA_F
ClientSampleId :
PB98306BS

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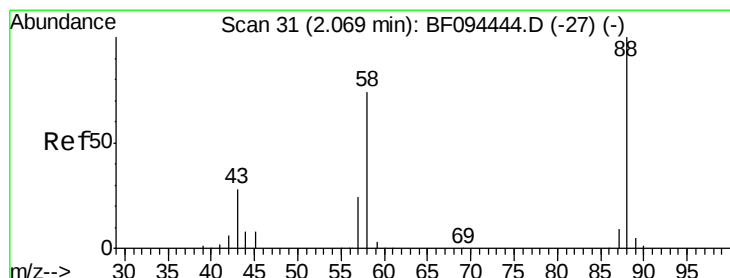
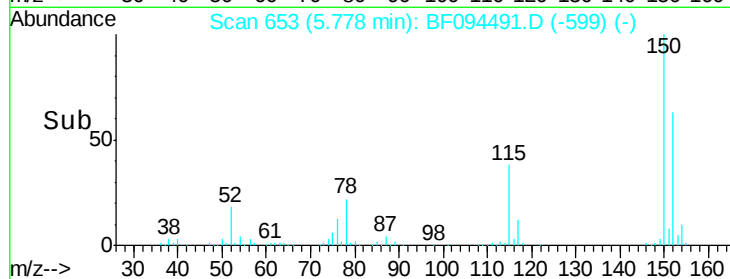
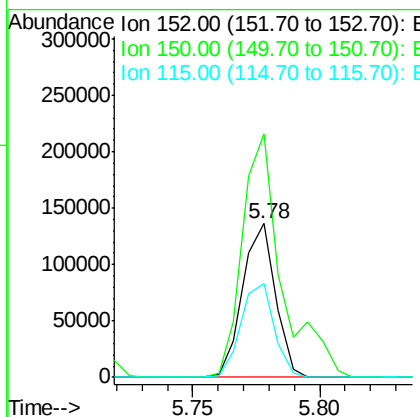
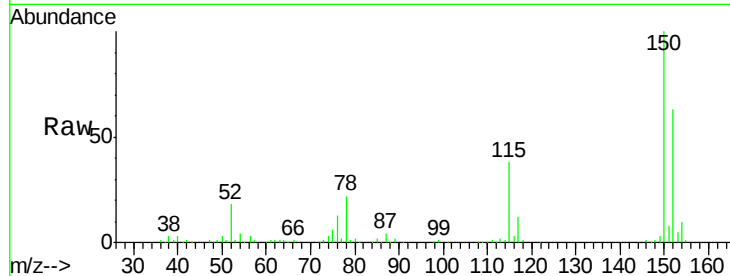
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.78 min Scan# 653
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleID :
 PB98306BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	60.9	52.2	78.2

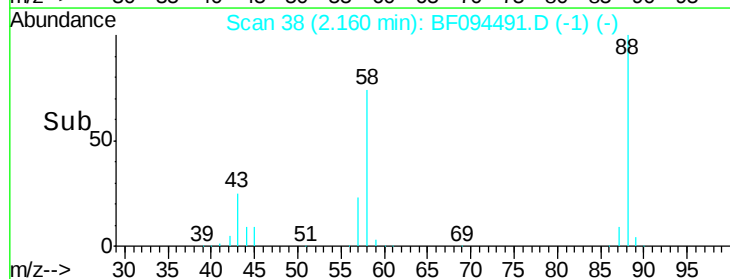
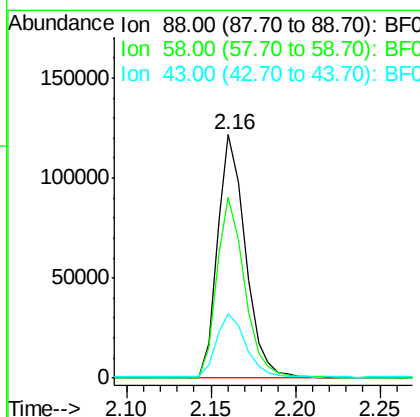
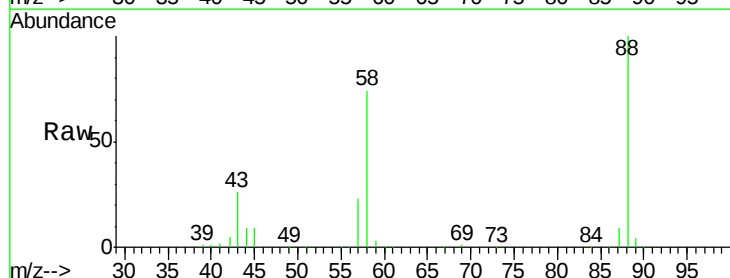
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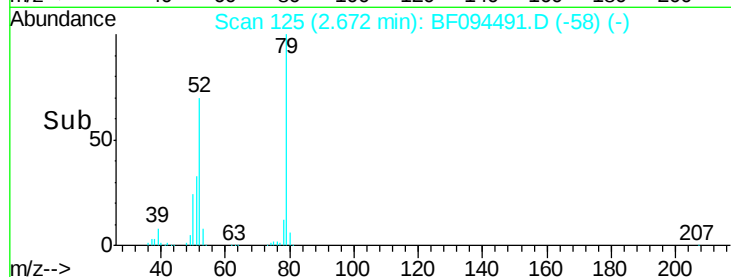
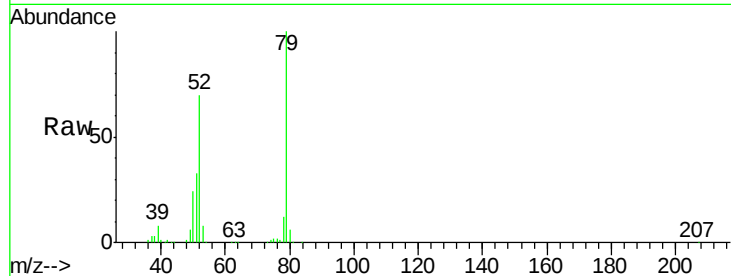
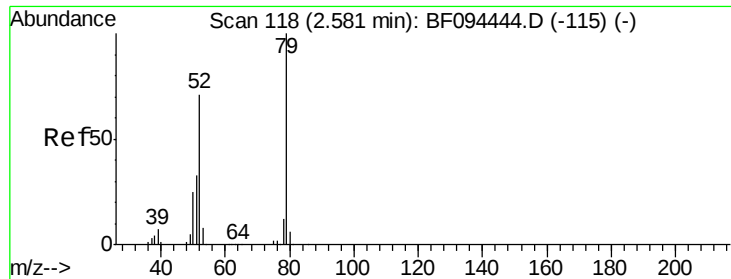
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#2
 1,4-Dioxane
 Concen: 32.58 ng
 RT: 2.16 min Scan# 38
 Delta R.T. 0.09 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	61.4	92.0
43	27.5	23.4	35.0





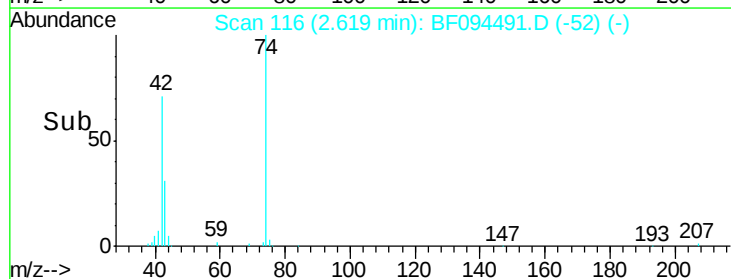
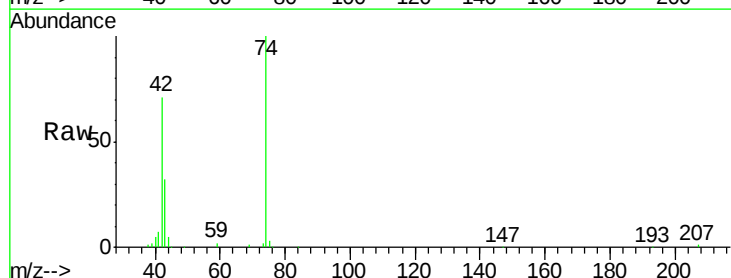
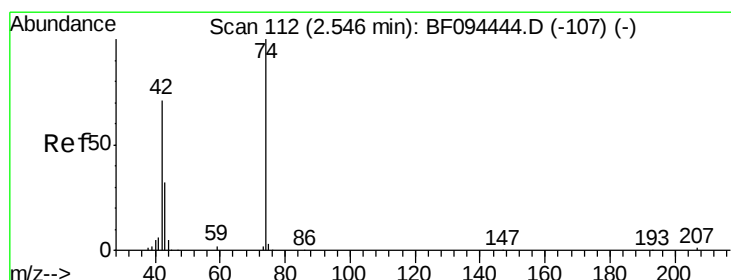
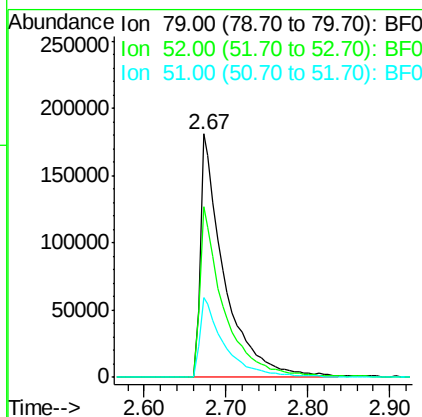
#3
 Pvridine
 Concen: 39.06 ng
 RT: 2.67 min Scan# 125
 Delta R.T. 0.09 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.2	54.8	82.2
51	32.7	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

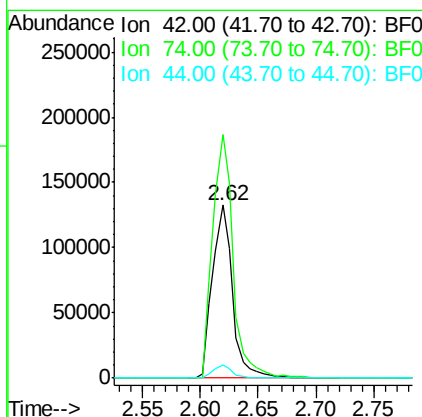
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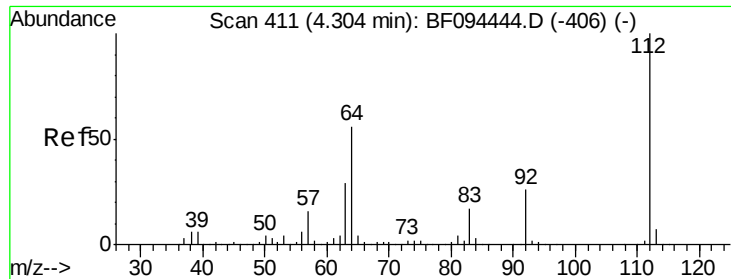
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#4
 n-Nitrosodimethylamine
 Concen: 41.20 ng
 RT: 2.62 min Scan# 116
 Delta R.T. 0.07 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.1	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 130.66 ng

RT: 4.34 min Scan# 408

Delta R.T. 0.03 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

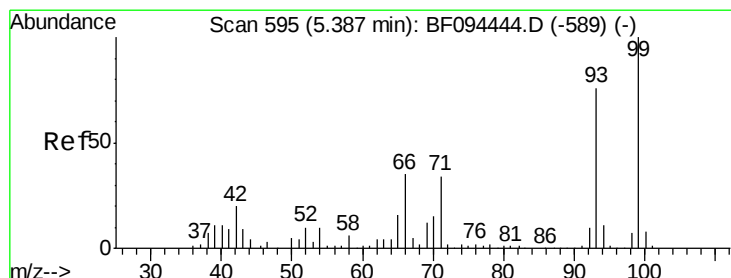
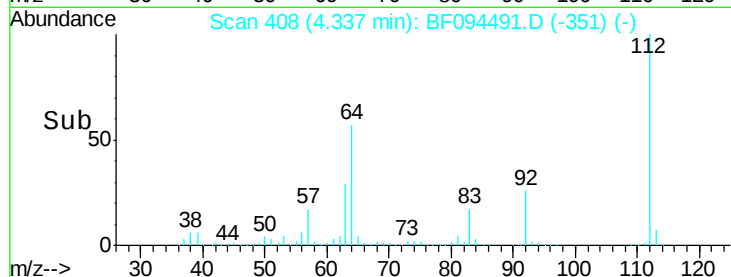
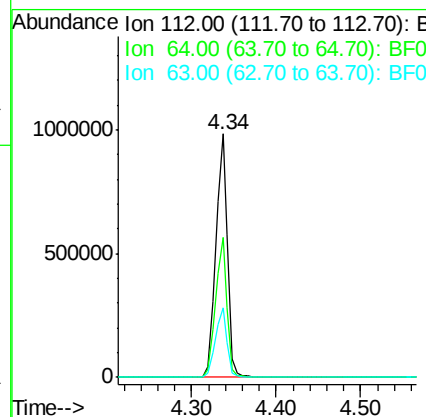
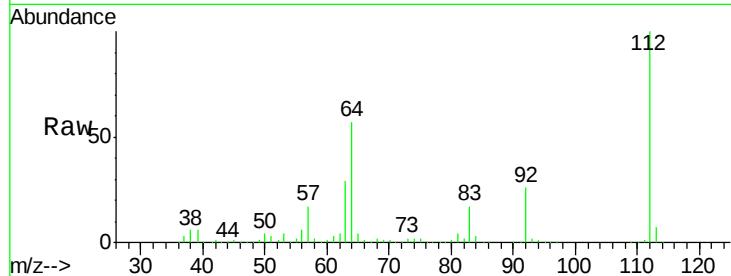
ClientSampleId :

PB98306BS

Tot Ion:	112	Resp:	970341
Ion Ratio	Lower	Upper	
112	100		
64	57.3	46.0	69.0
63	28.5	23.4	35.0

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#6

Aniline

Concen: 25.69 ng

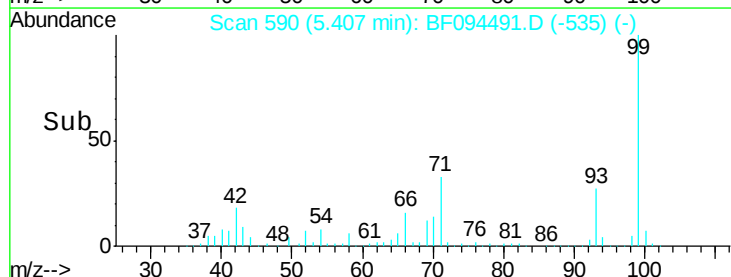
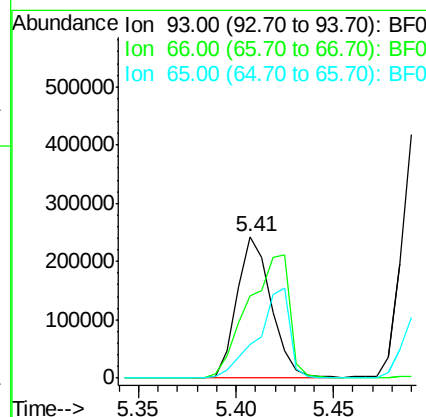
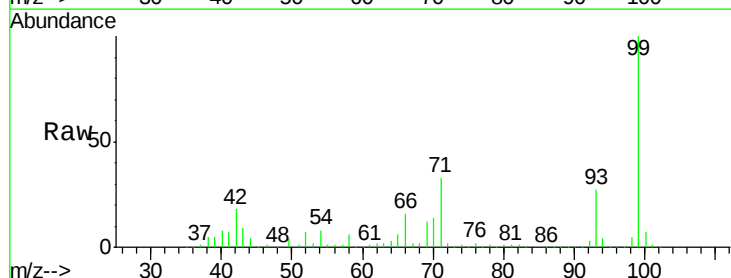
RT: 5.41 min Scan# 590

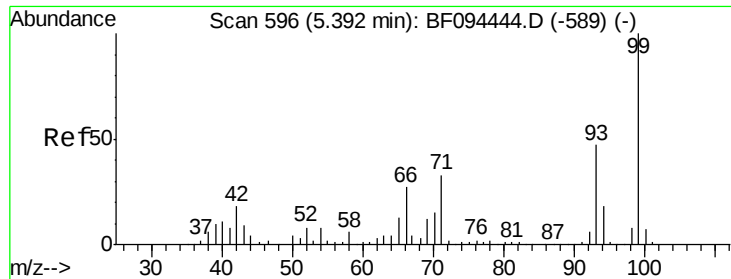
Delta R.T. 0.02 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion:	93	Resp:	298876
Ion Ratio	Lower	Upper	
93	100		
66	58.0	32.9	49.3#
65	24.1	16.0	24.0#





#7

Phenol-d6

Concen: 136.21 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB98306BS

Tot Ion: 99 Resp: 1192524

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

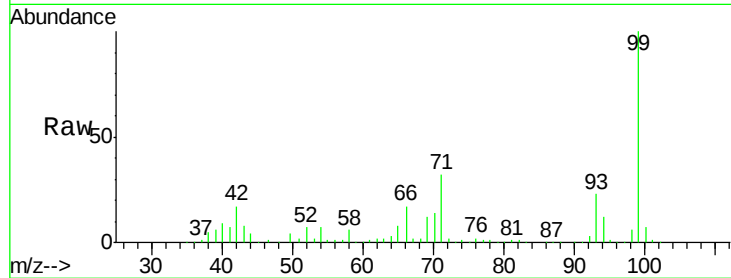
71 32.3 24.5 36.7

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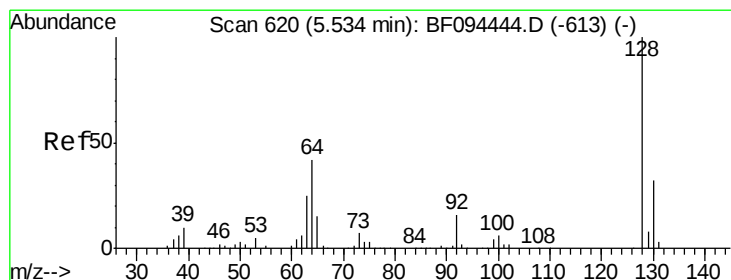
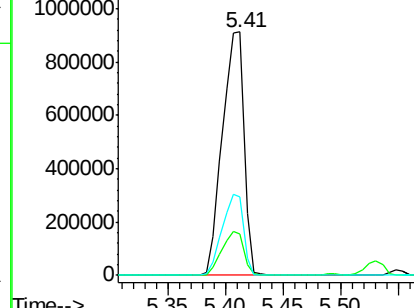
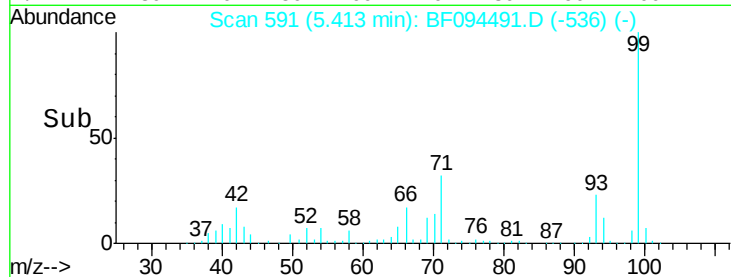
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.11 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

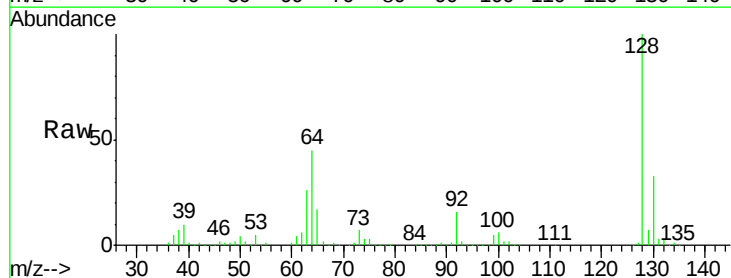
Tgt Ion:128 Resp: 364315

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

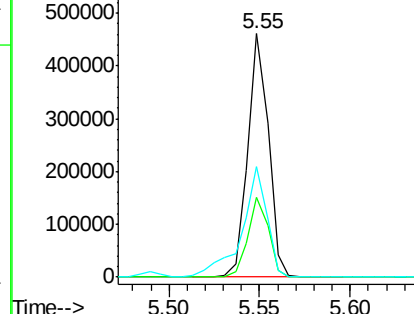
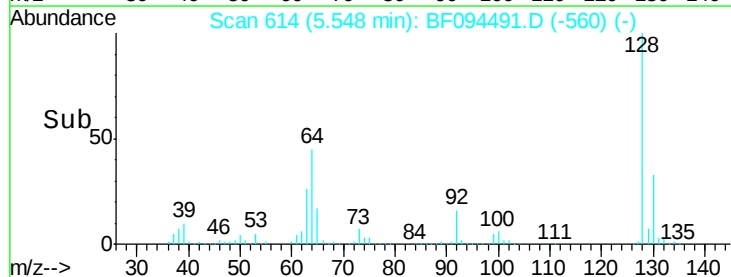
64 45.4 28.4 68.4

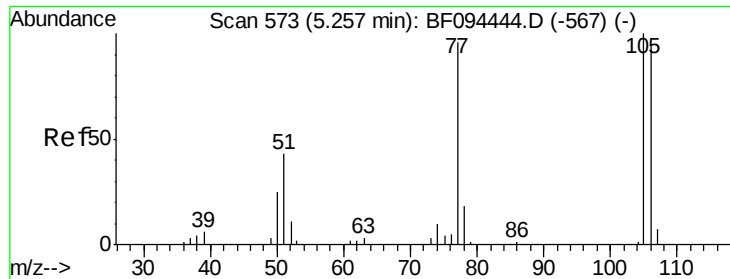


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.01 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

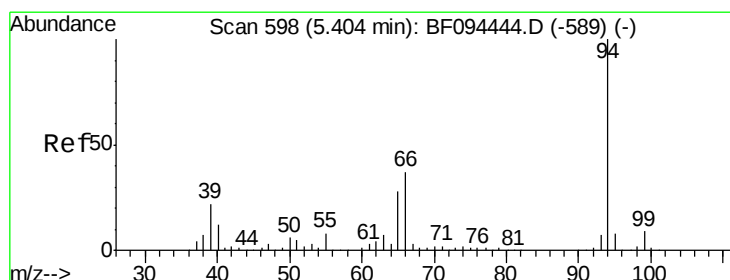
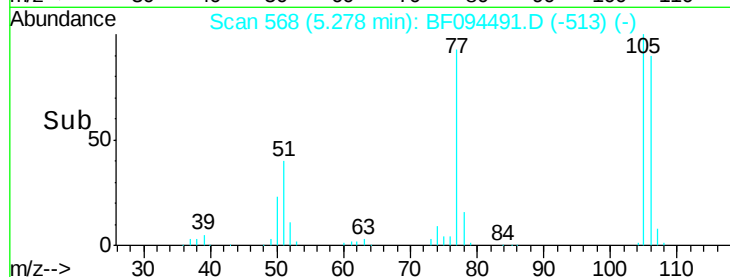
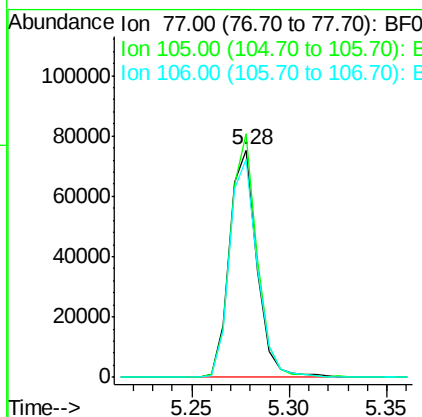
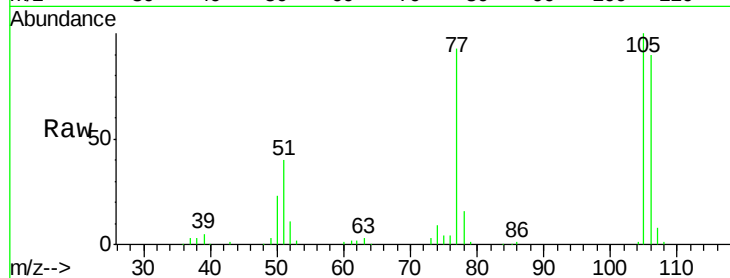
PB98306BS

Tot Ion: 77 Resp: 73347

Ion	Ratio	Lower	Upper
77	100		
105	107.2	83.8	123.8
106	96.0	79.1	119.1

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#10

Phenol

Concen: 42.81 ng

RT: 5.42 min Scan# 593

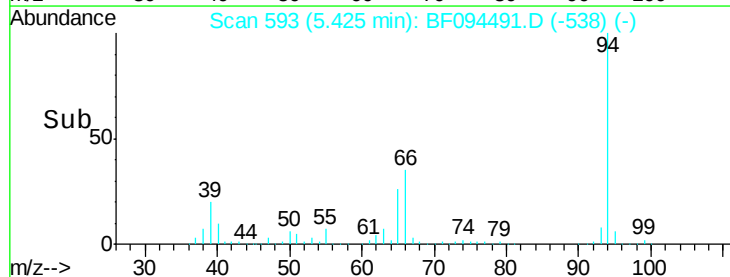
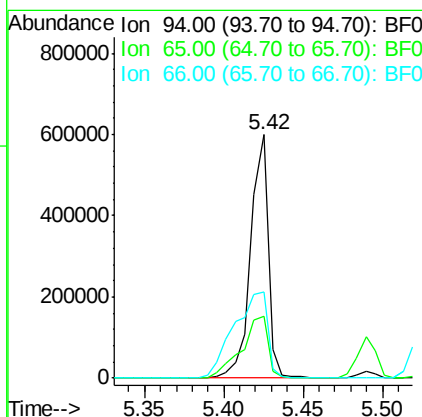
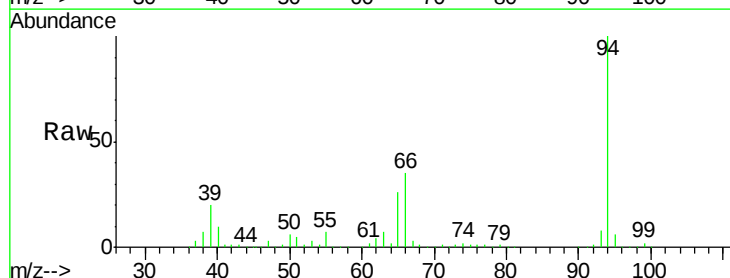
Delta R.T. 0.02 min

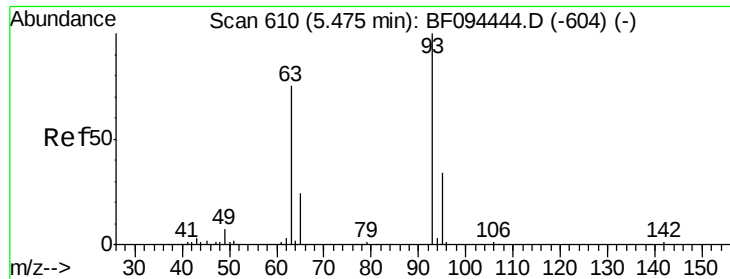
Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion: 94 Resp: 460451

Ion	Ratio	Lower	Upper
94	100		
65	25.7	9.9	49.9
66	35.3	23.1	63.1





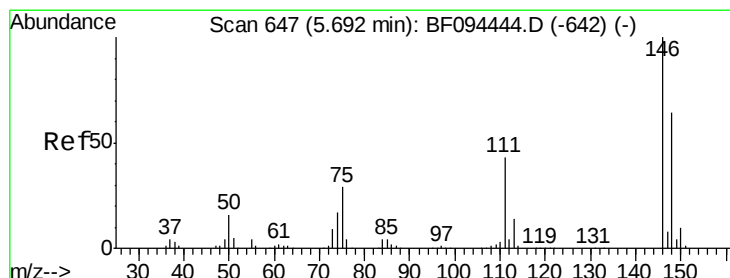
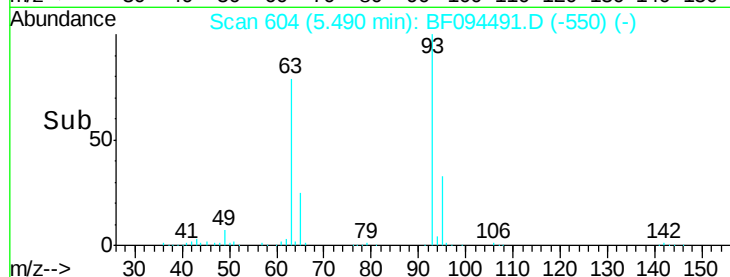
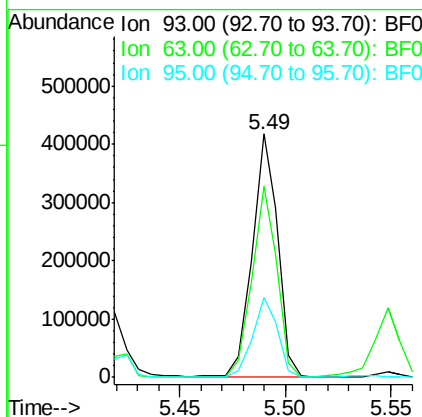
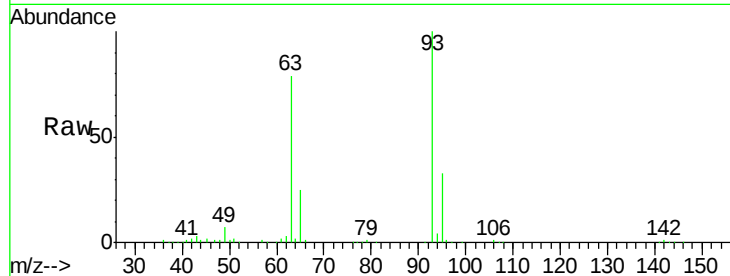
#11
bis(2-Chloroethyl)ether
Concen: 44.23 ng
RT: 5.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	347533		
63	78.5	59.2	99.2	
95	32.9	12.8	52.8	

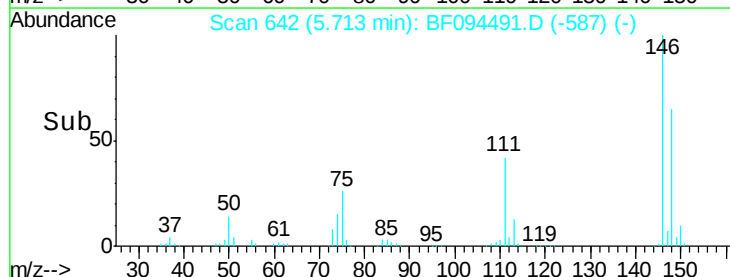
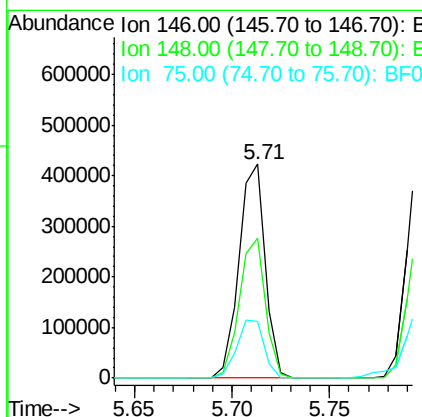
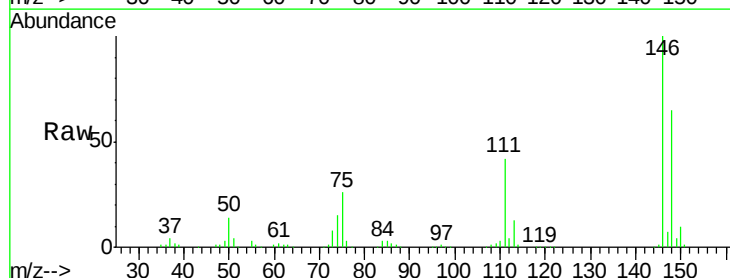
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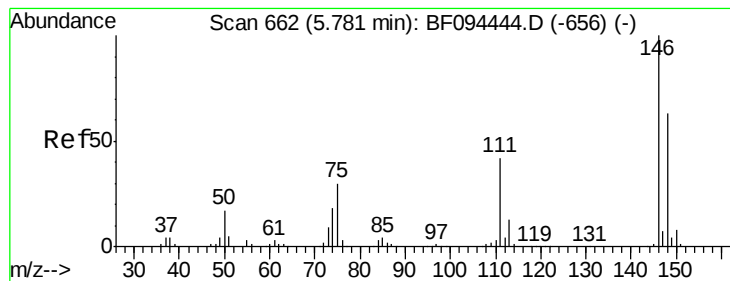
mohammad
4/19/2017 1:33:24 PM



#12
1,3-Dichlorobenzene
Concen: 42.01 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	393277		
148	65.4	51.8	77.6	
75	26.3	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 43.45 ng

RT: 5.80 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

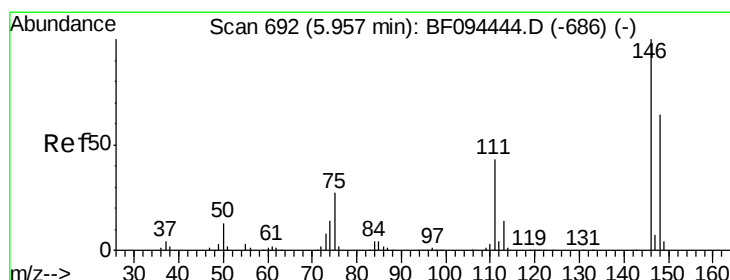
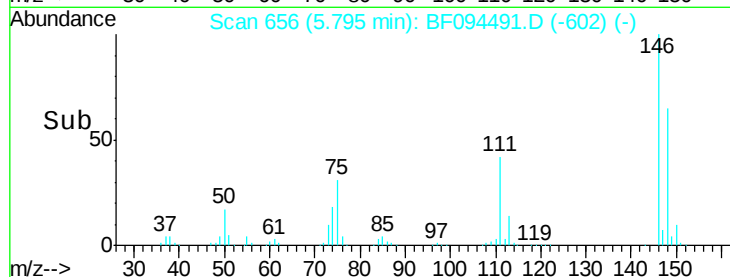
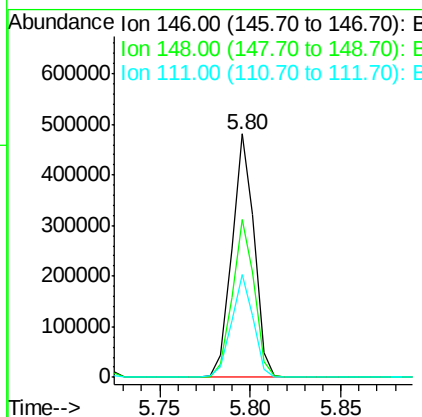
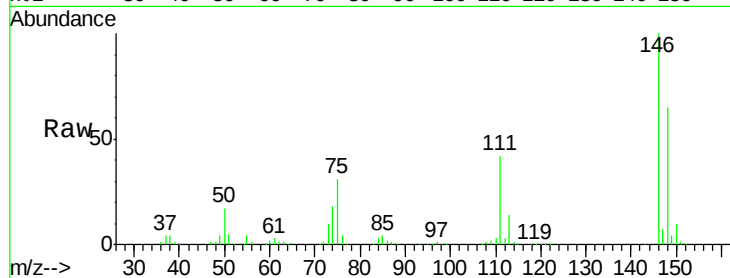
ClientSampleId :

PB98306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		409245		
148	64.9	52.2		78.2	
111	42.2	30.3		45.5	

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.94 ng

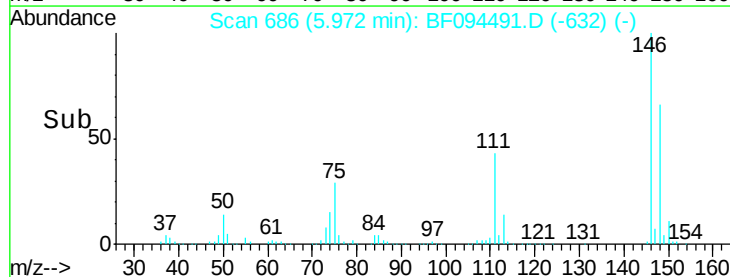
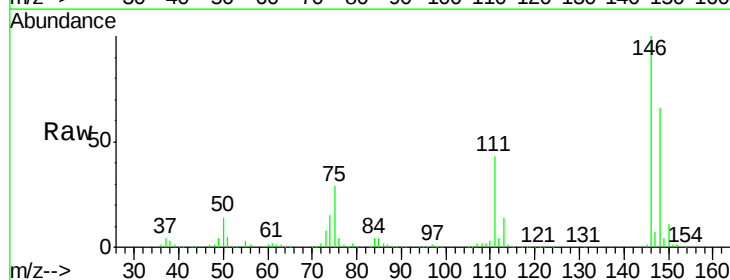
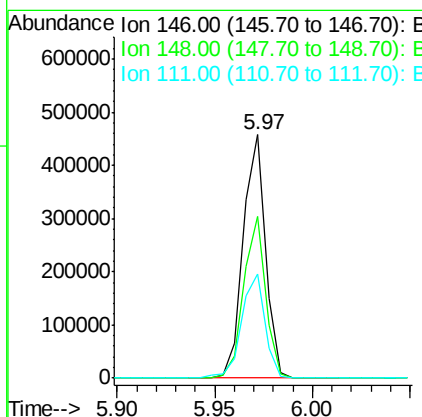
RT: 5.97 min Scan# 686

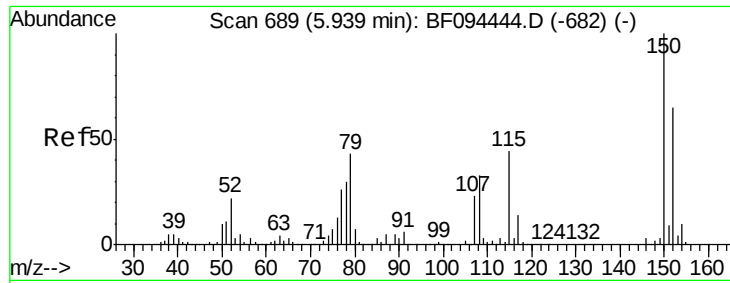
Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		363915		
148	66.2	50.4		75.6	
111	42.5	38.2		57.4	





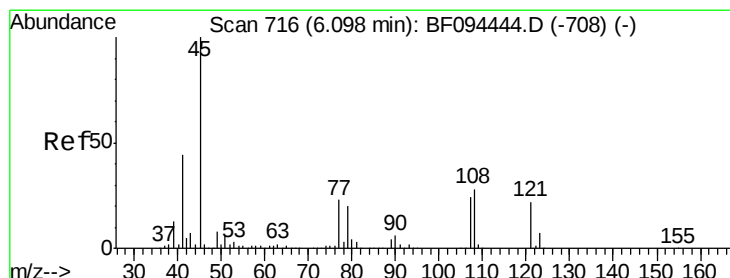
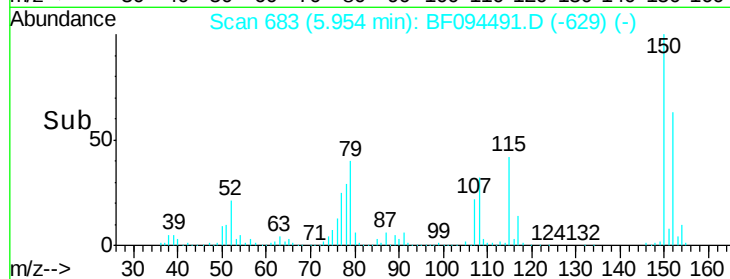
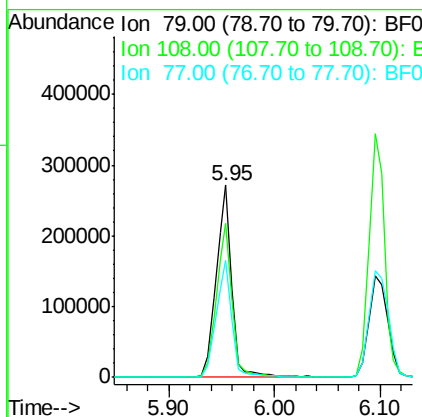
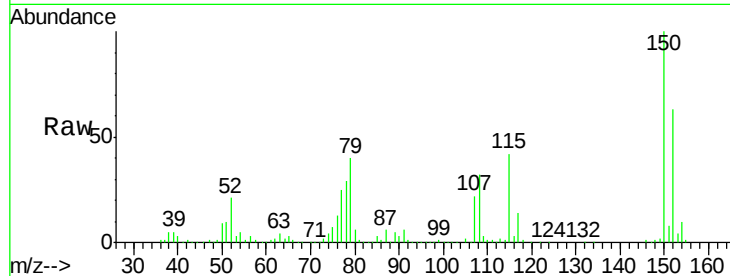
#15
Benzyl Alcohol
Concen: 44.01 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	63.4	95.0
77	61.0	49.2	73.8

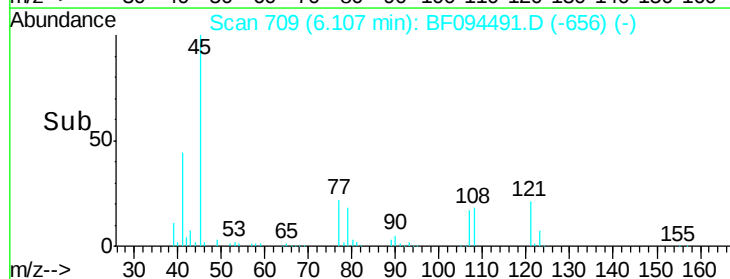
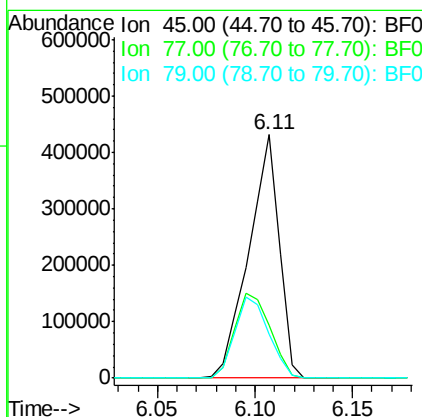
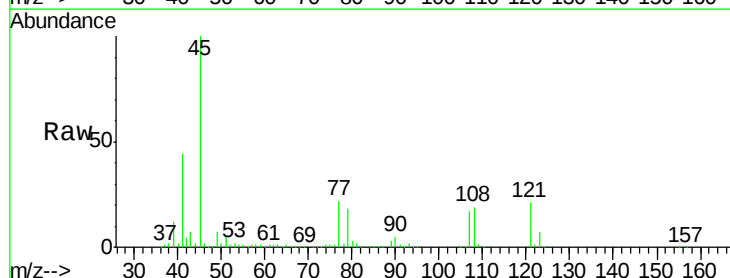
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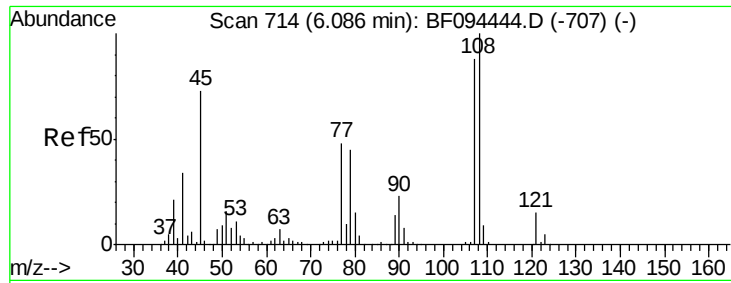
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.33 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.7	0.0	33.2
79	18.1	0.0	30.0





#17

2-Methylphenol

Concen: 45.77 ng

RT: 6.10 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

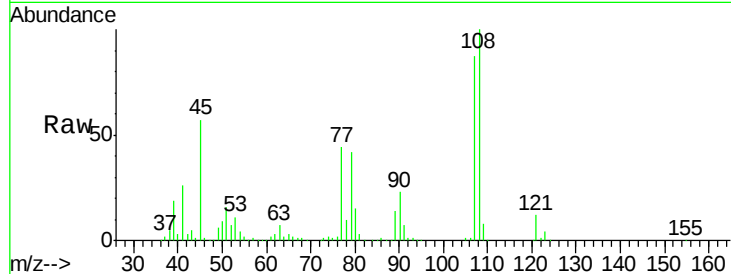
ClientSampleId :

PB98306BS

Tot Ion	107	Resp	304649
Ion	Ratio	Lower	Upper
107	100		
108	115.6	93.4	140.0
77	50.3	35.8	53.6
79	48.2	34.8	52.2

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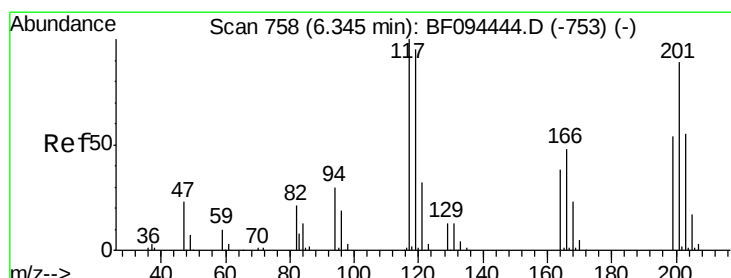
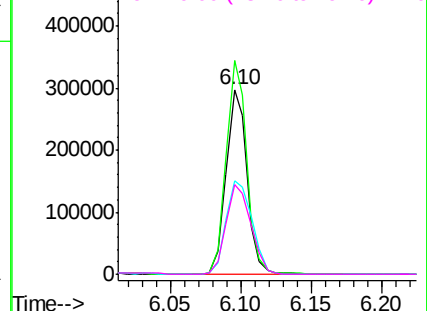
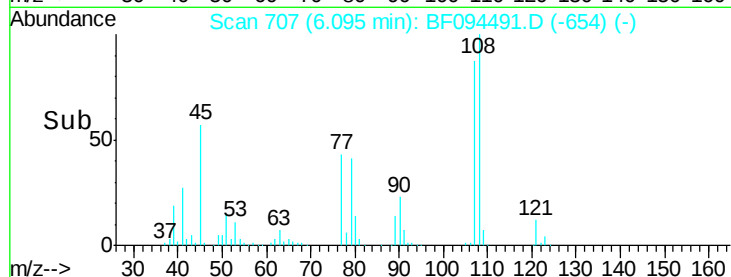
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.11 ng

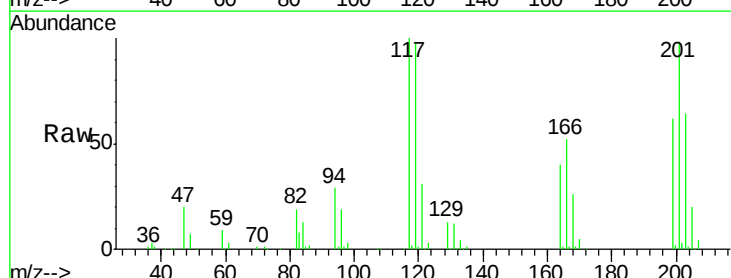
RT: 6.36 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion	117	Resp	142445
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.4	116.0
201	97.9	94.6	141.8

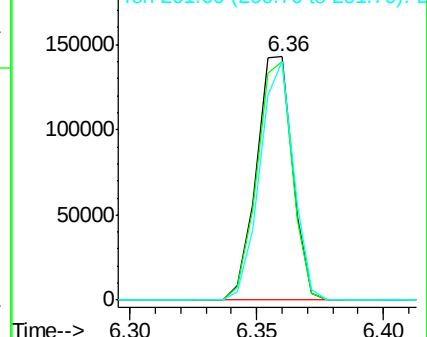
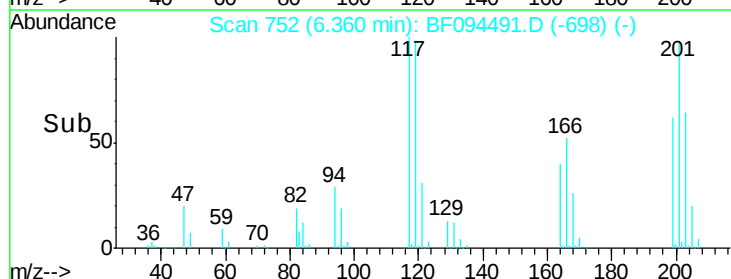


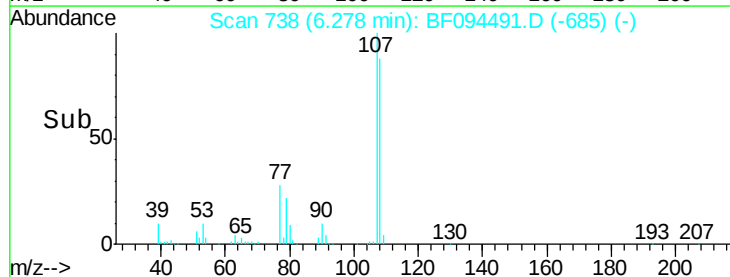
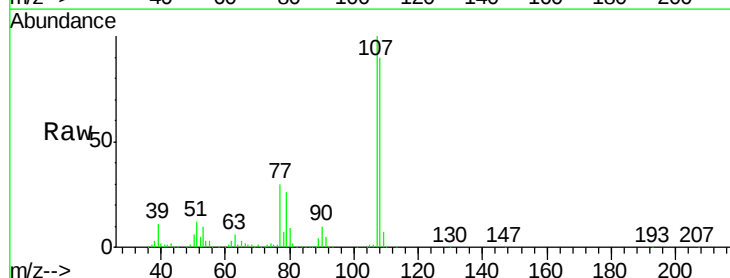
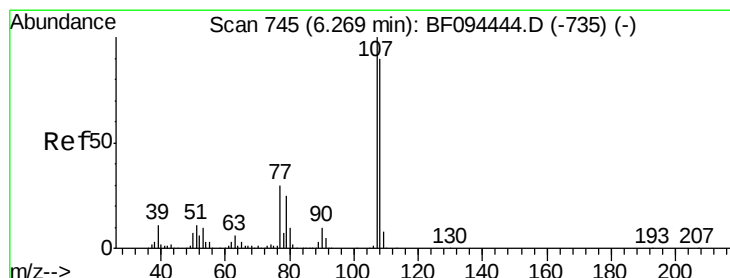
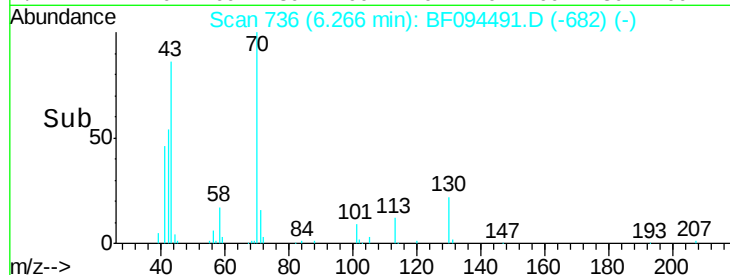
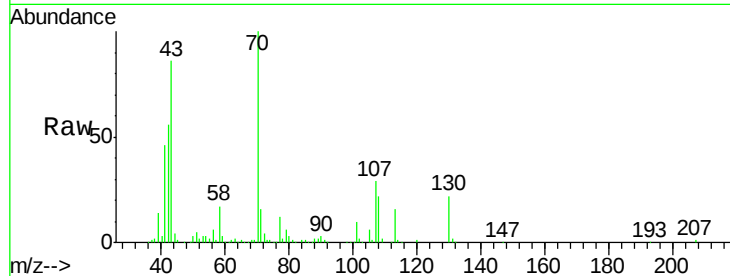
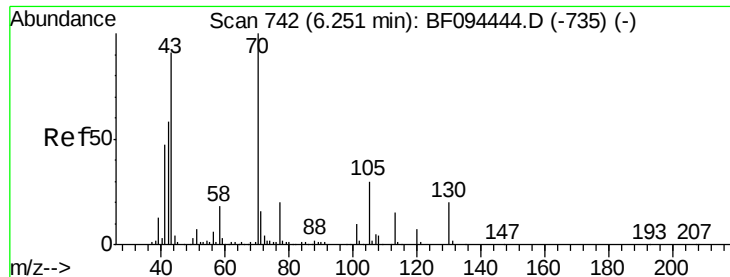
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

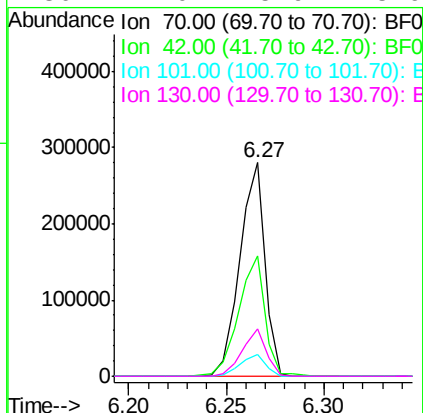
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.3	47.2	70.8	
101	10.0	7.2	10.8	
130	22.0	15.9	23.9	



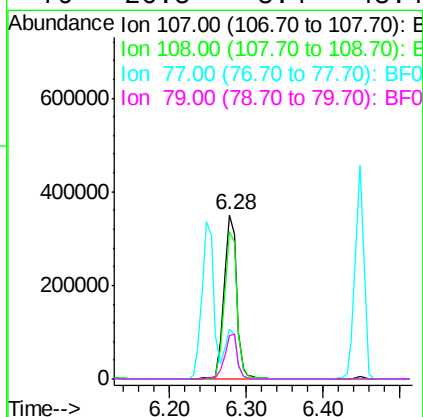
Instrument :
BNA_F
ClientSampleId :
PB98306BS

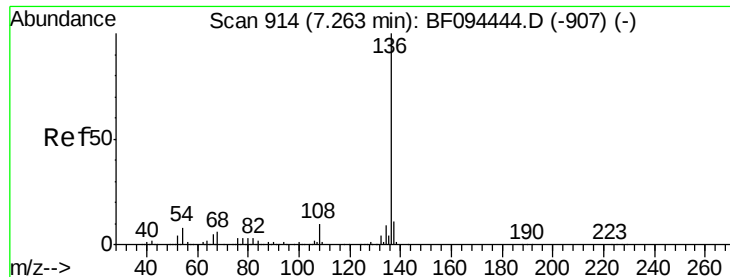
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#20
3+4-Methylphenols
Concen: 44.40 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	71.0	111.0	
77	30.1	90.5	130.5#	
79	26.5	8.4	48.4	





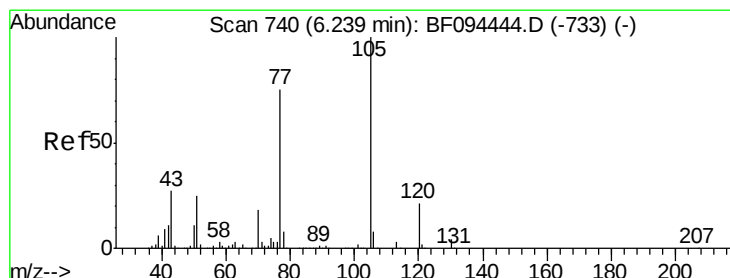
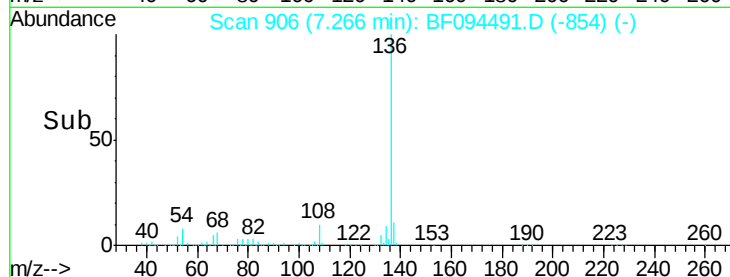
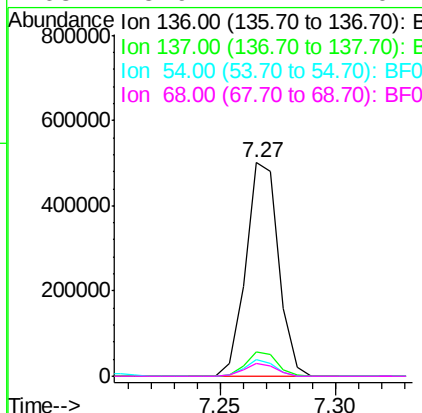
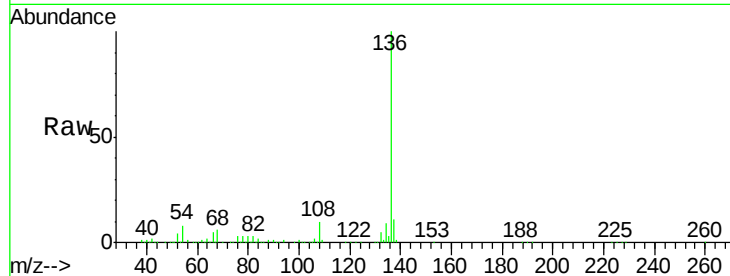
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	496495		
137	11.2		8.5	12.7
54	7.8		4.9	7.3#
68	5.9		4.1	6.1

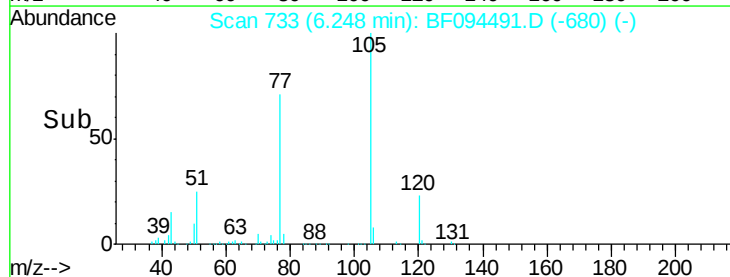
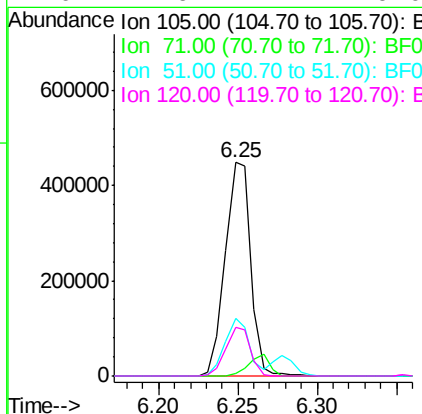
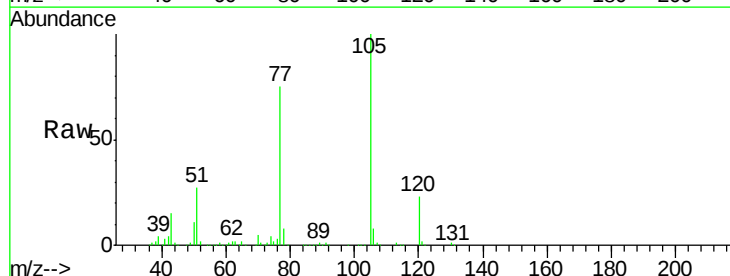
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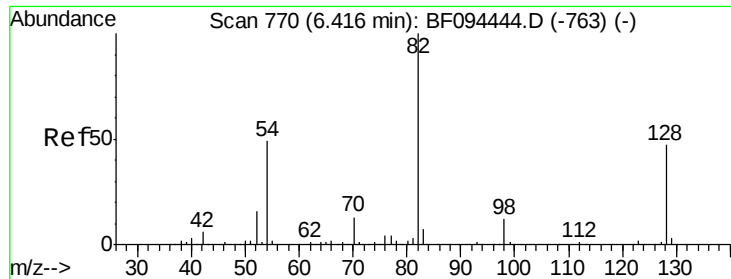
mohammad
4/19/2017 1:33:24 PM



#22
Acetophenone
Concen: 41.42 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	500047		
71	1.0		2.8	4.2#
51	26.8		30.7	46.1#
120	22.6		17.4	26.0





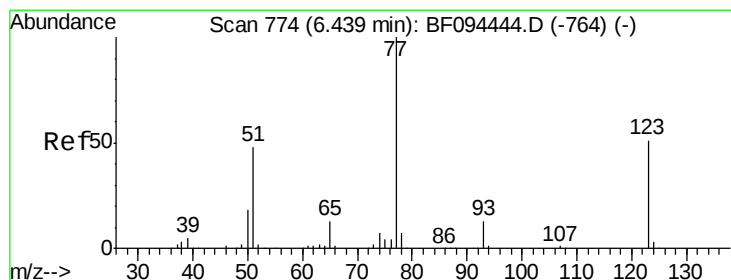
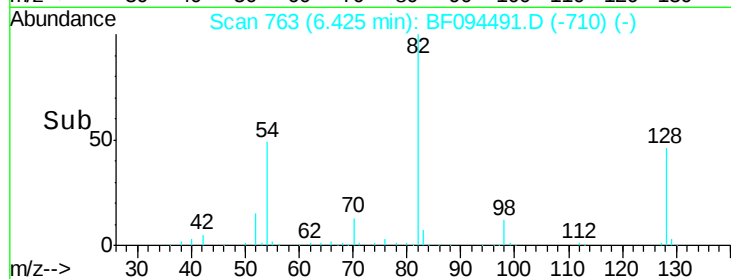
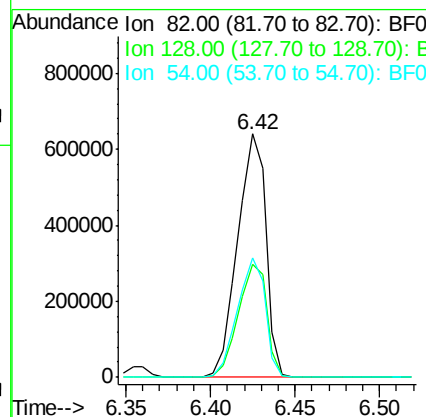
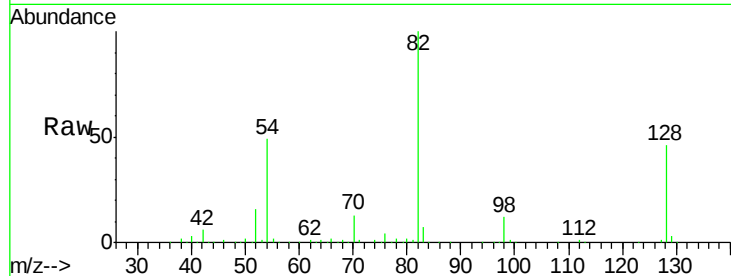
#23
 Nitrobenzene-d5
 Concen: 92.69 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	745315		
128	46.3		34.0	51.0
54	48.9		42.2	63.2

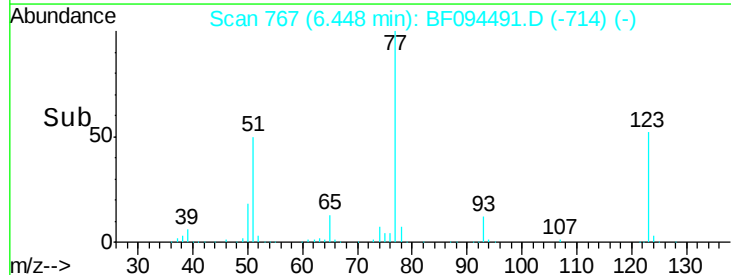
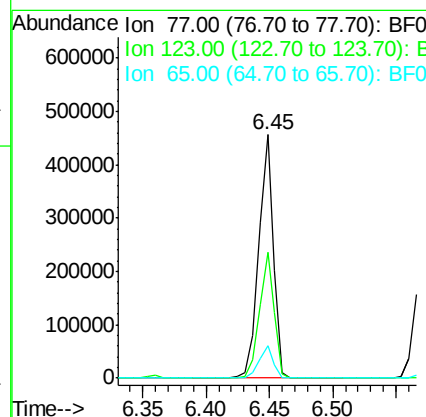
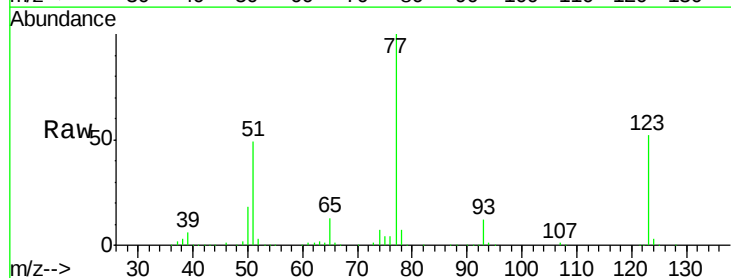
Manual Integrations
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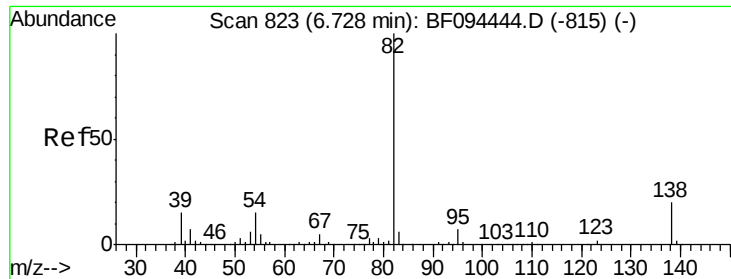
mohammad
 4/19/2017 1:33:24 PM



#24
 Nitrobenzene
 Concen: 44.23 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	374505		
123	51.8		35.8	53.8
65	13.4		10.6	15.8





#25

Isophorone

Concen: 45.48 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

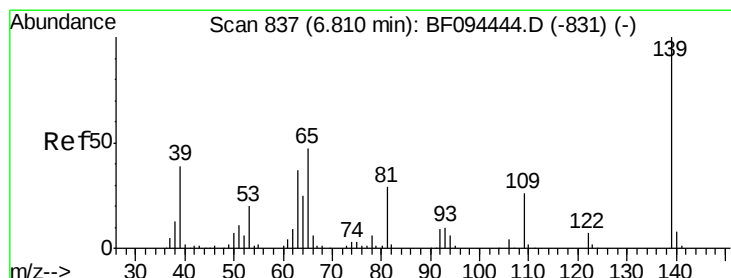
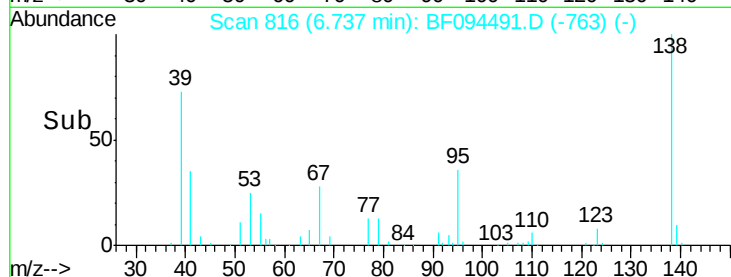
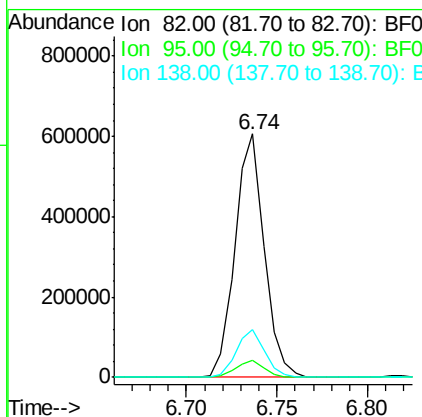
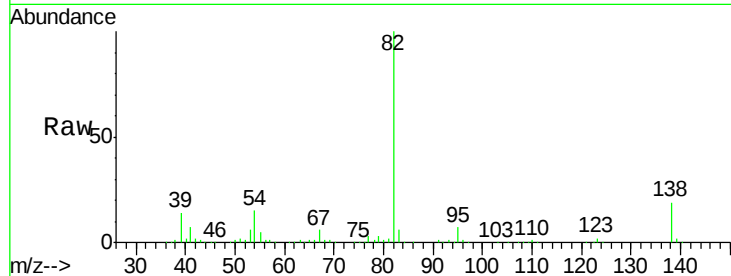
ClientSampleId :

PB98306BS

Tot Ion:	82	Resp:	677820
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.3	7.9
138	19.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 46.55 ng

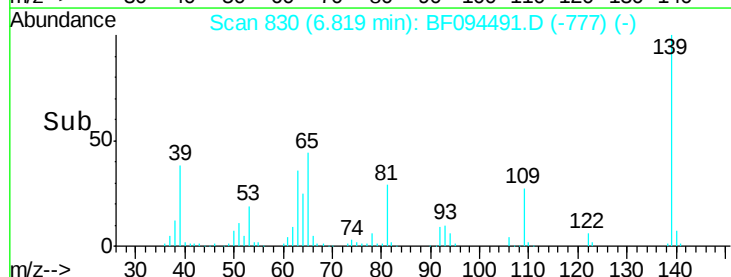
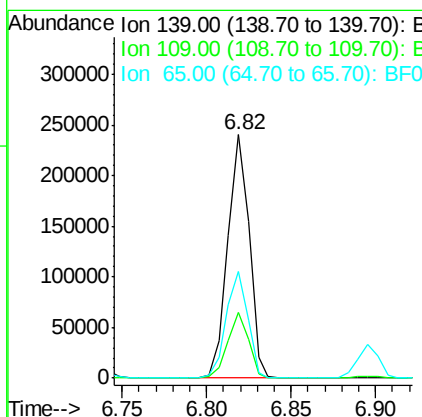
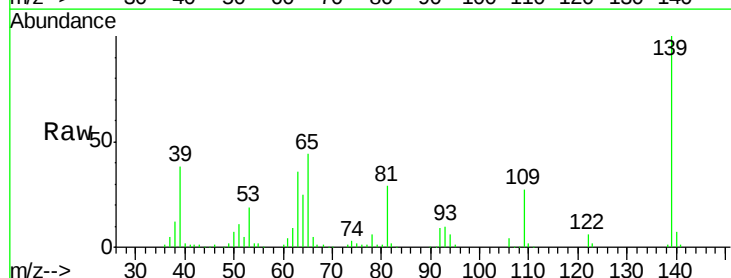
RT: 6.82 min Scan# 830

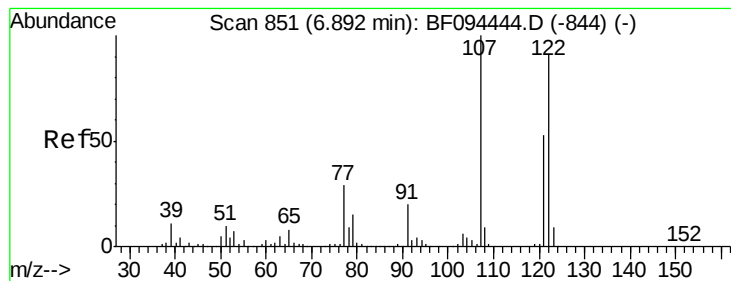
Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion:	139	Resp:	211735
Ion Ratio		Lower	Upper
139	100		
109	26.9	21.0	31.6
65	44.0	33.0	49.6





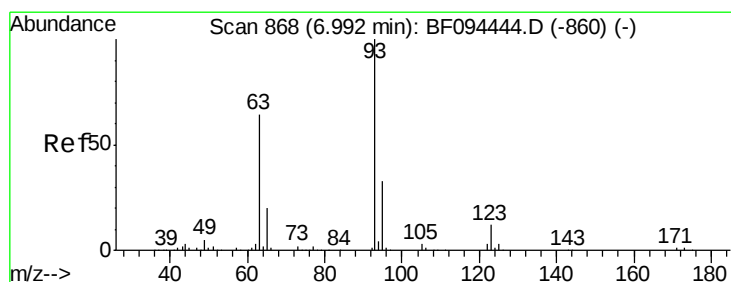
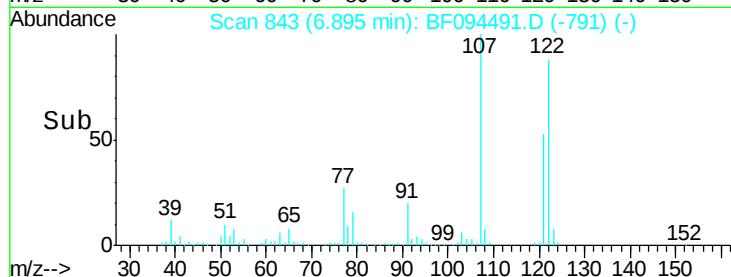
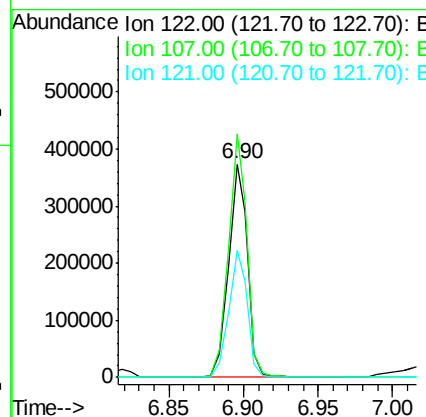
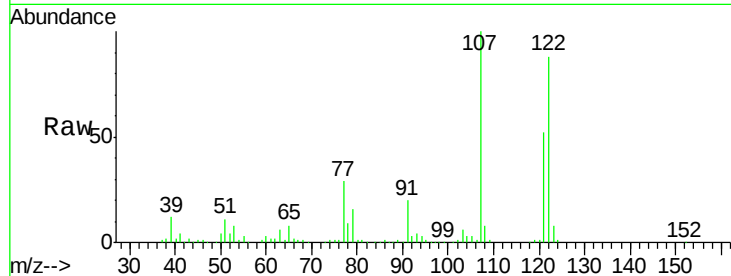
#27
 2,4-Dimethylphenol
 Concen: 45.59 ng
 RT: 6.90 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	336897		
107	114.2	89.2	133.8	
121	59.9	45.2	67.8	

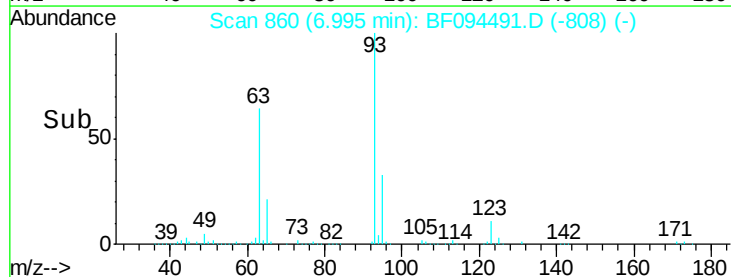
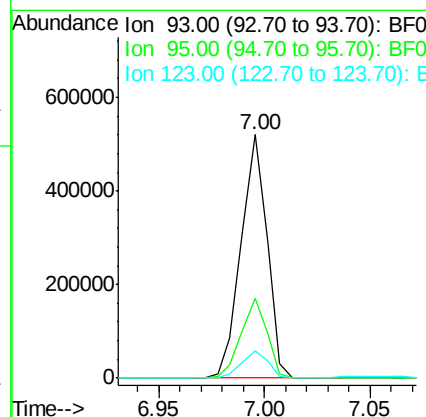
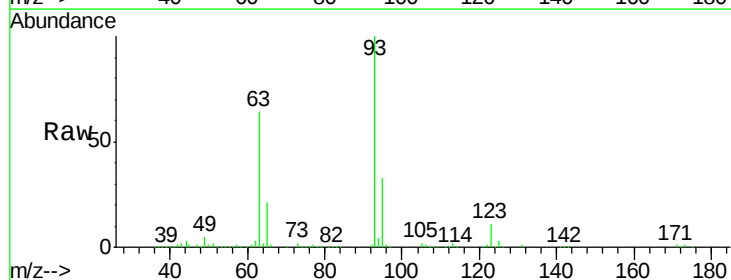
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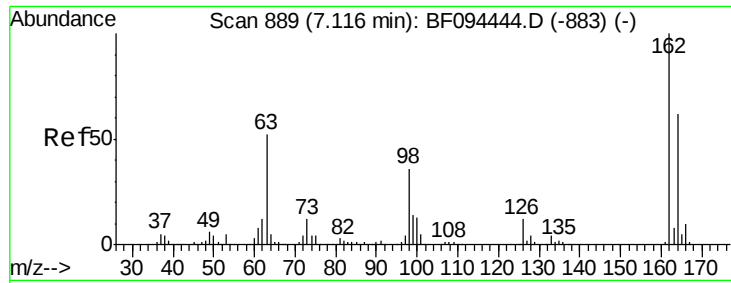
mohammad
 4/19/2017 1:33:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.78 ng
 RT: 7.00 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	441352		
95	32.6	26.5	39.7	
123	11.1	9.0	13.4	





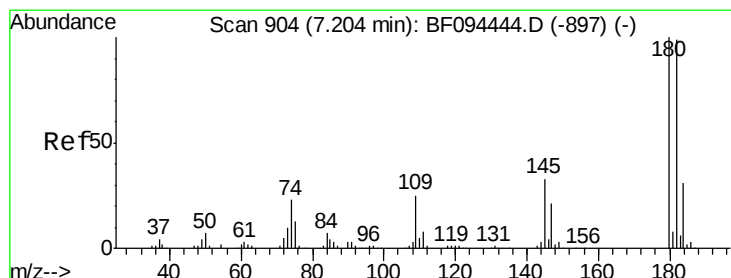
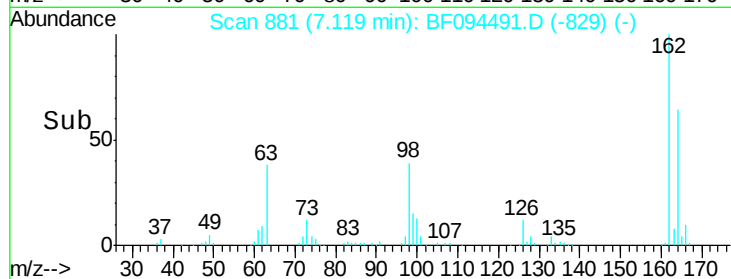
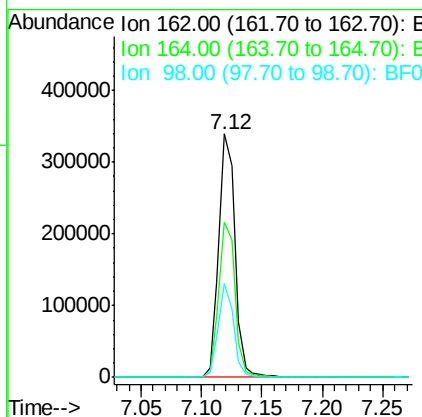
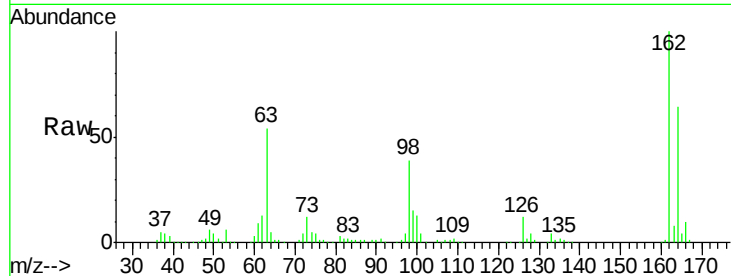
#29
 2,4-Dichlorophenol
 Concen: 45.71 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314223		
164	63.8	44.6	84.6	
98	38.5	14.8	54.8	

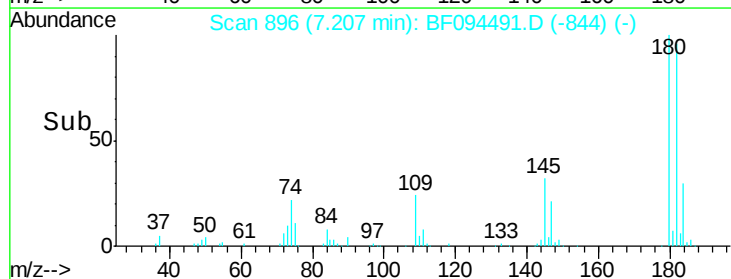
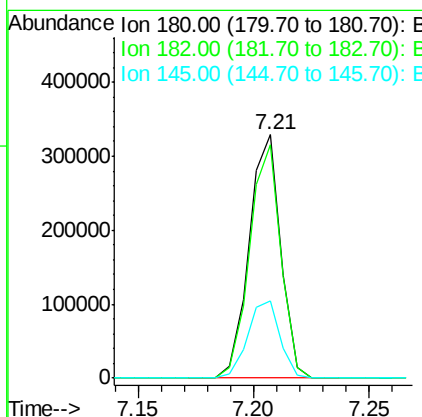
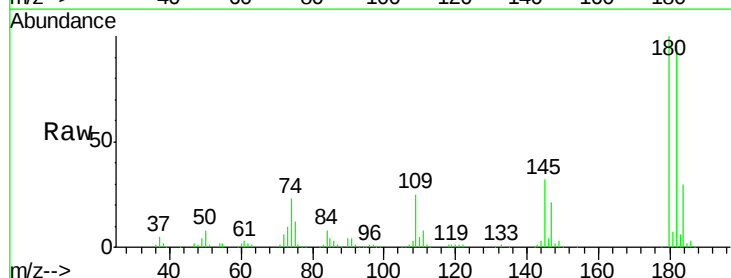
Manual Integrations
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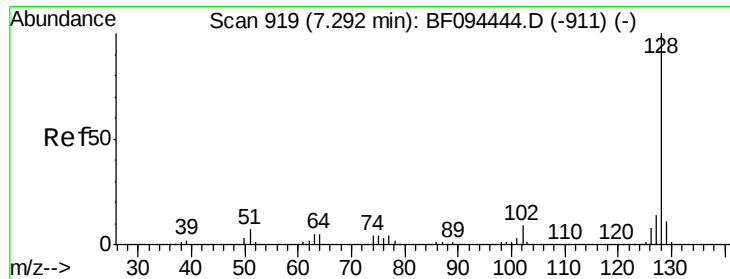
mohammad
 4/19/2017 1:33:24 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 44.09 ng
 RT: 7.21 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	313337		
182	95.7	75.8	113.6	
145	31.9	25.3	37.9	





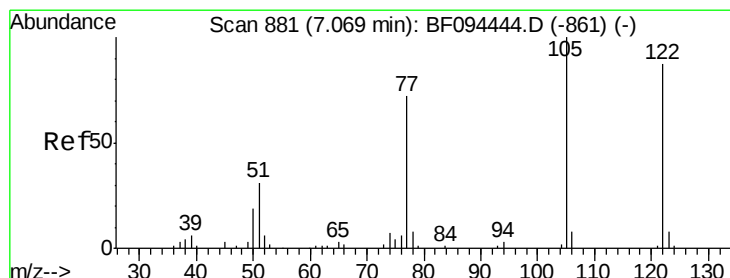
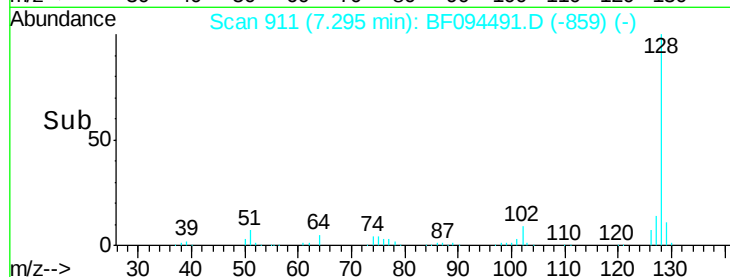
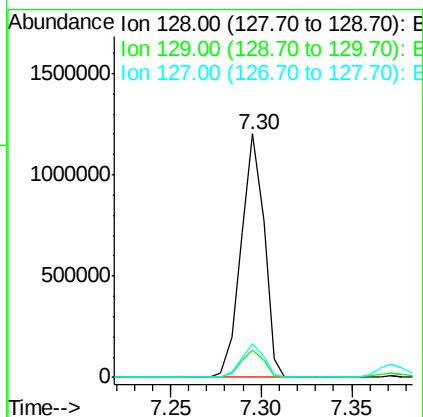
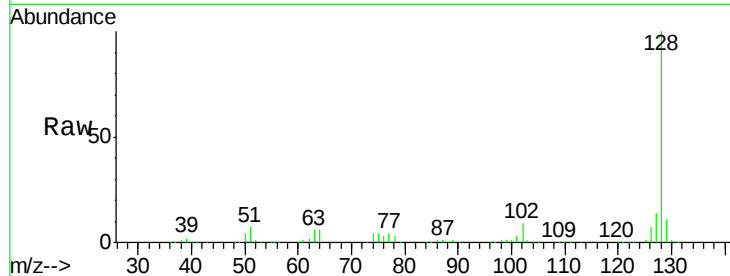
#31
Naphthalene
Concen: 44.43 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion:128 Resp: 1060375
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2

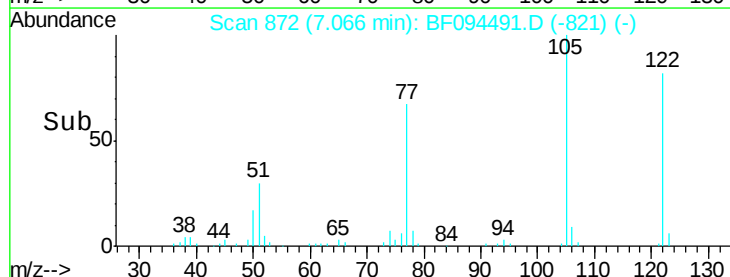
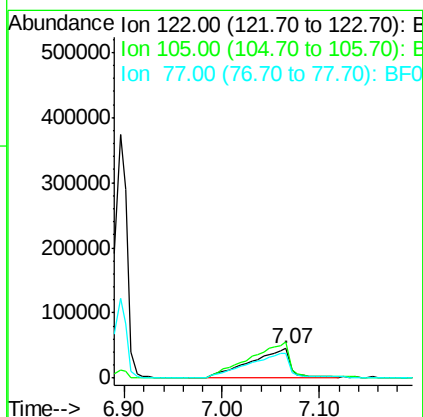
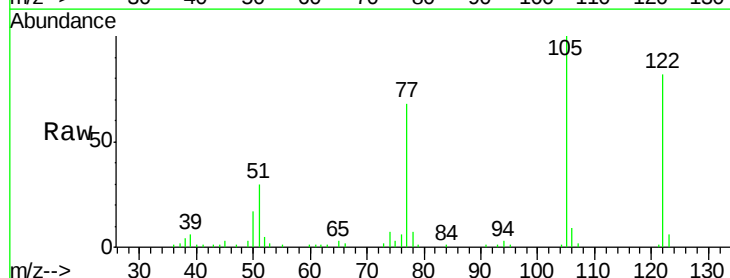
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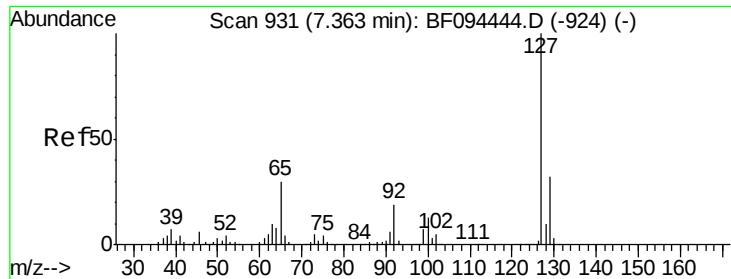
mohammad
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#32
Benzoic acid
Concen: 33.65 ng
RT: 7.07 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion:122 Resp: 131471
Ion Ratio Lower Upper
122 100
105 121.6 103.3 143.3
77 82.6 73.7 113.7





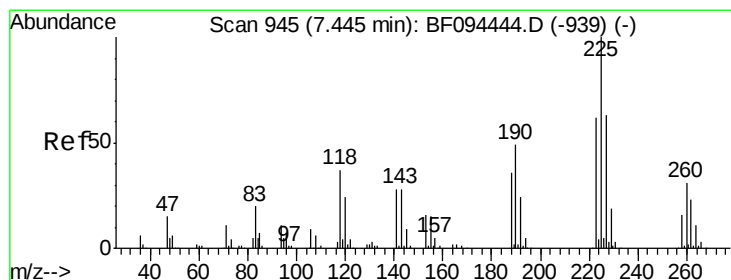
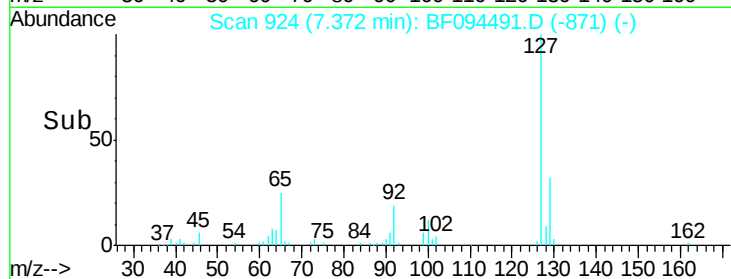
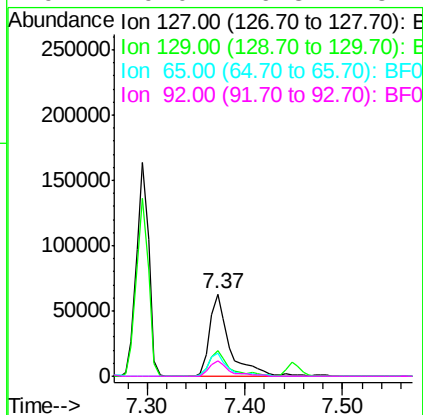
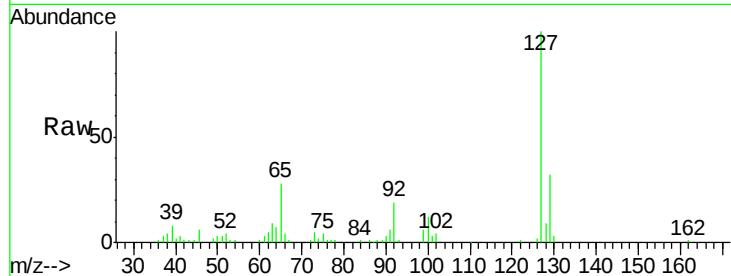
#33
4-Chloroaniline
Concen: 9.08 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.2	39.2		
65	27.6	27.8	41.8		
92	19.0	16.8	25.2		

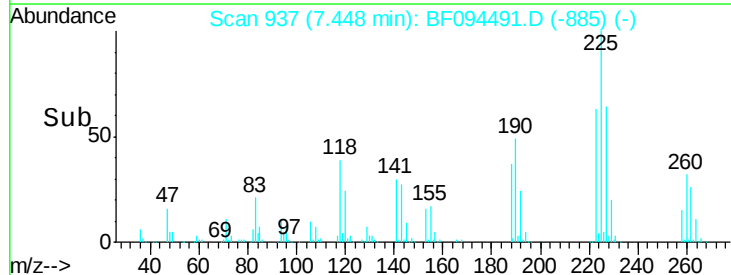
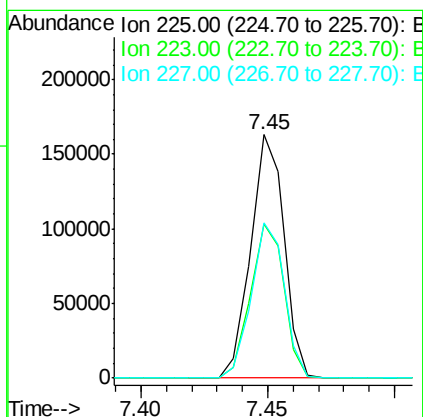
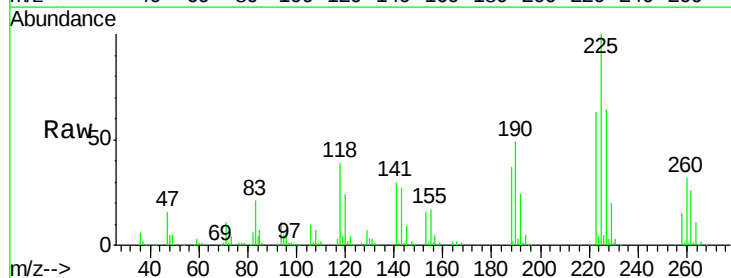
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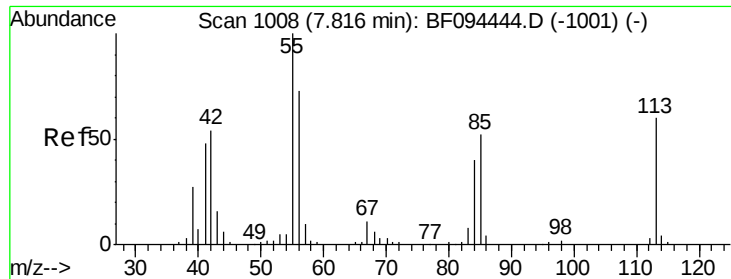
mohammad
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#34
Hexachlorobutadiene
Concen: 42.34 ng
RT: 7.45 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	48.8	73.2		
227	64.0	51.1	76.7		





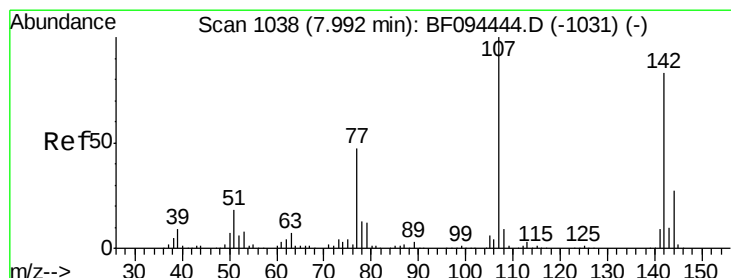
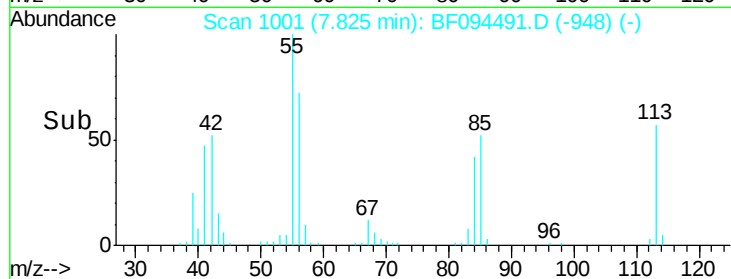
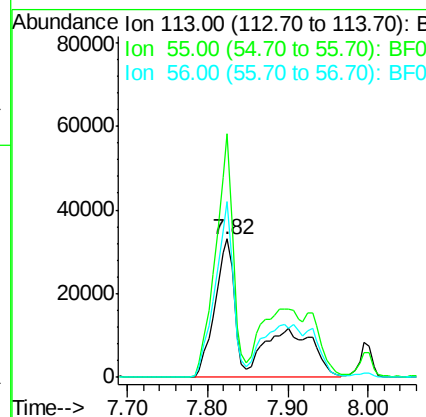
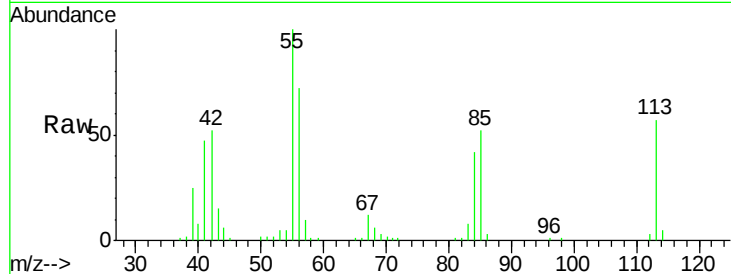
#35
 Caprolactam
 Concen: 48.38 ng/ml
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	175.8	150.2	190.2		
56	126.8	107.8	147.8		

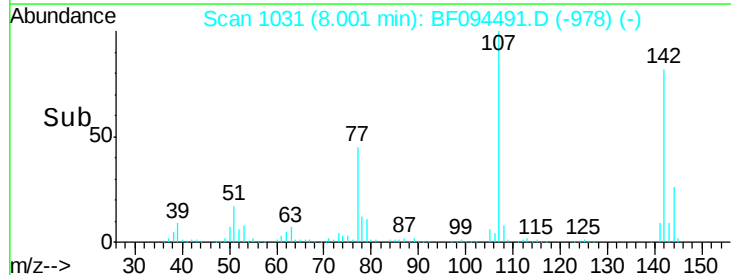
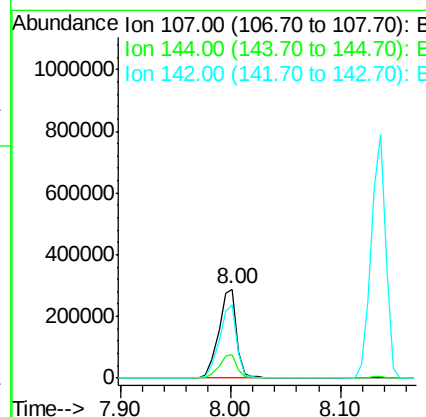
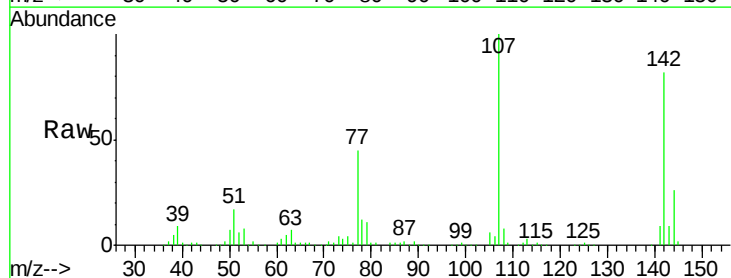
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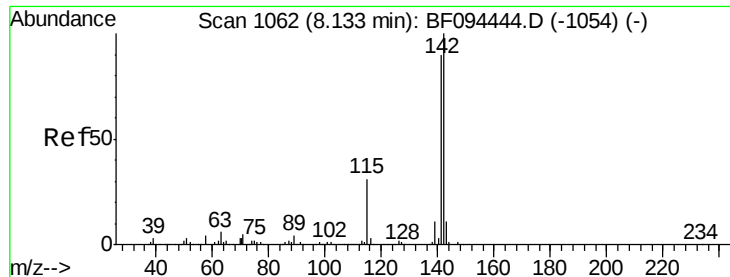
mohammad
 4/19/2017 1:33:24 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.41 ng/ml
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0	24.2	36.4		
142	82.5	73.4	110.0		





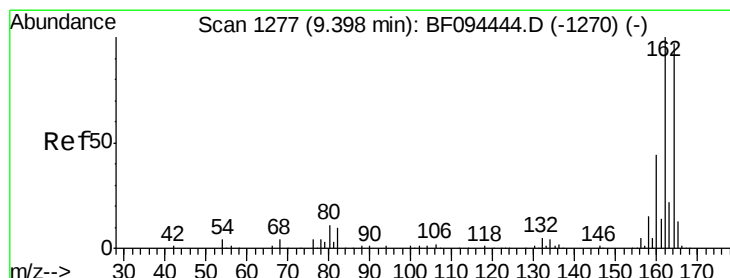
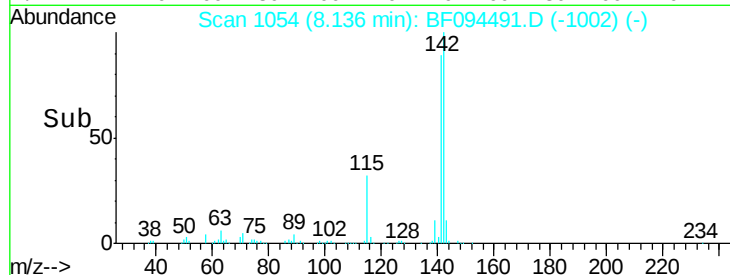
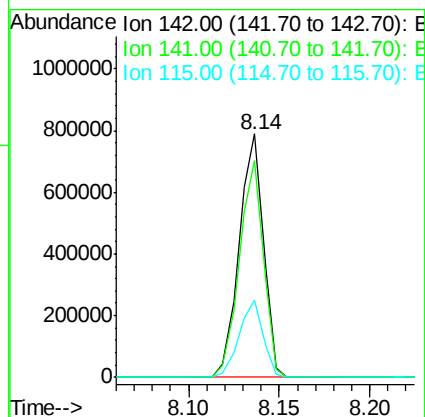
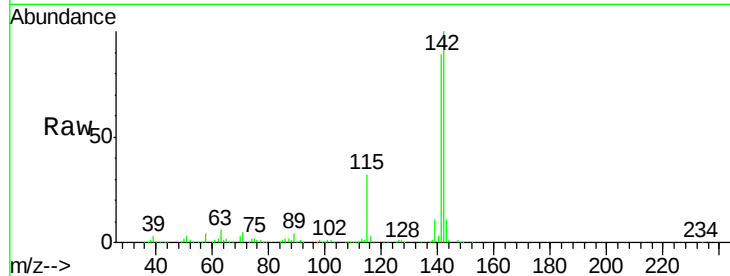
#37
 2-Methylnaphthalene
 Concen: 44.95 ng
 RT: 8.14 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampled :
 PB98306BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	31.6	27.1	40.7

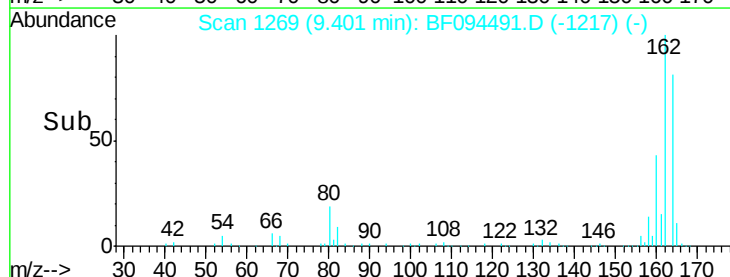
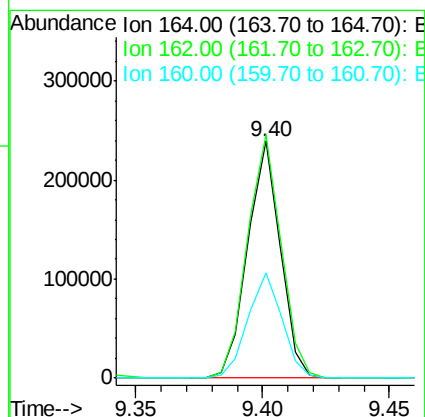
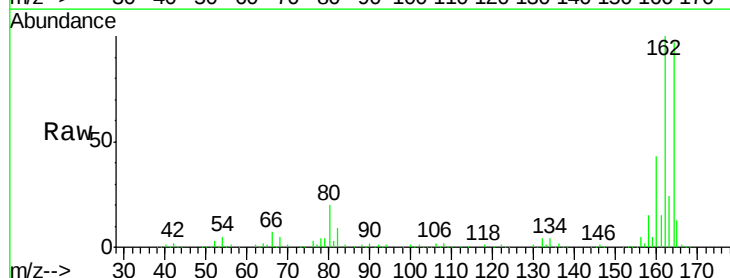
Manual Integrations
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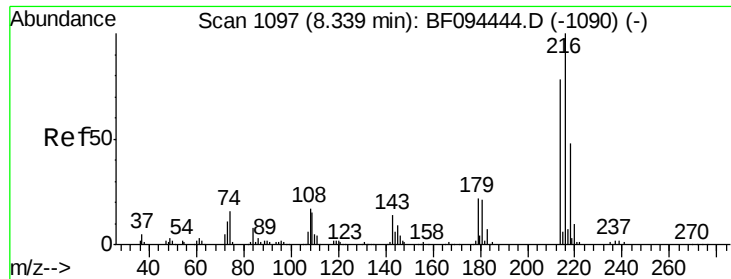
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.6	36.2	54.2





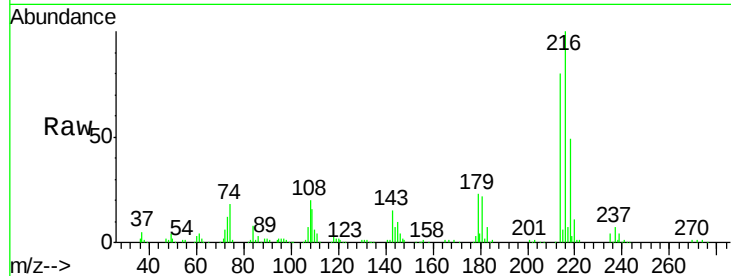
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.76 ng
 RT: 8.34 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

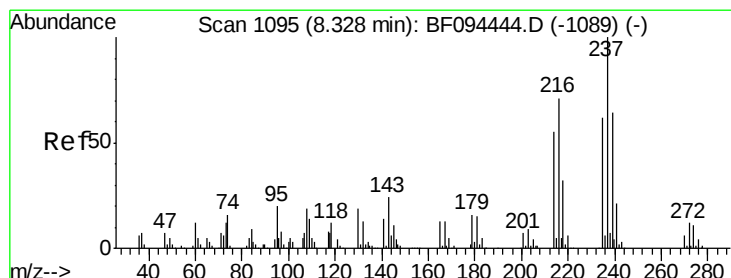
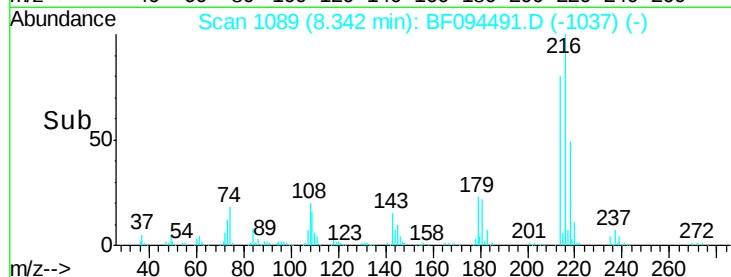
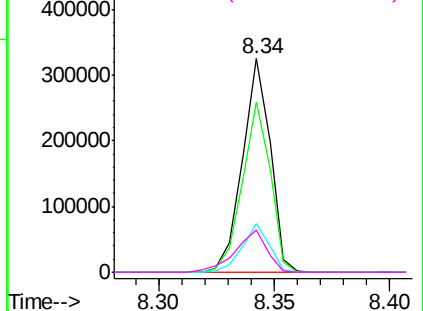
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.5		63.4	95.2	
179	22.2		17.9	26.9	
108	22.3		16.5	24.7	

Manual Integrations
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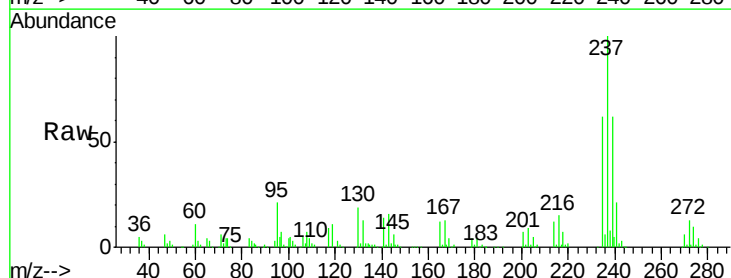


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

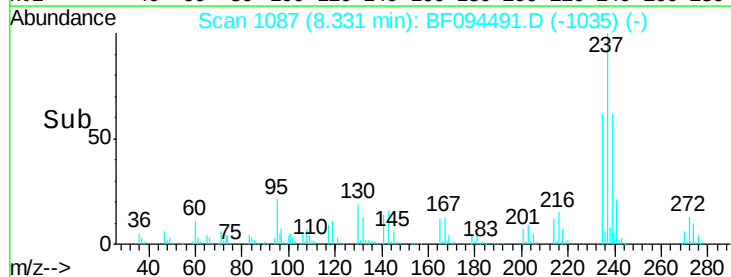
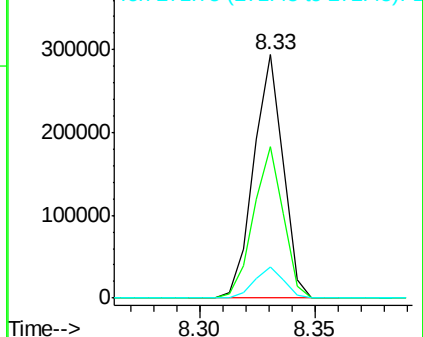


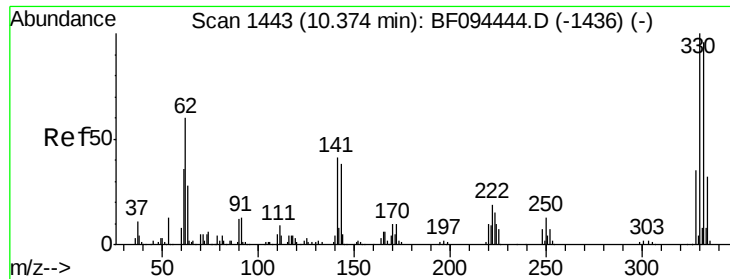
#40
 Hexachlorocyclopentadiene
 Concen: 105.39 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.5		42.6	82.6	
272	12.9		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





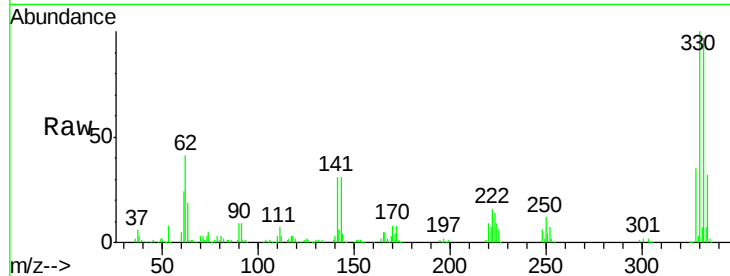
#41
 2,4,6-Tribromophenol
 Concen: 150.00 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	252237		
332	97.9	76.6	115.0	
141	40.7	31.4	47.2	

Manual Integrations
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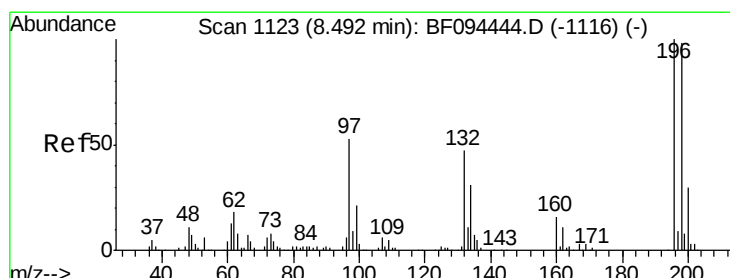
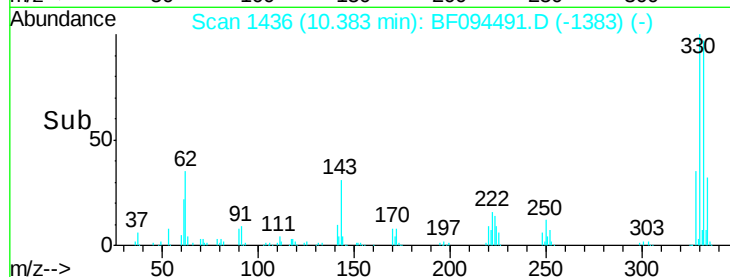
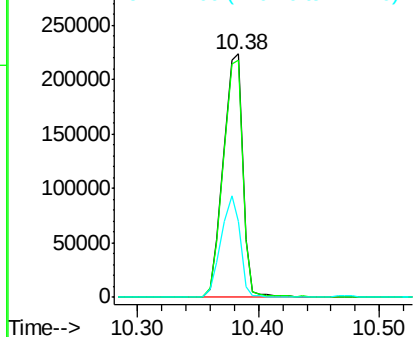


Abundance

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: 46.28 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

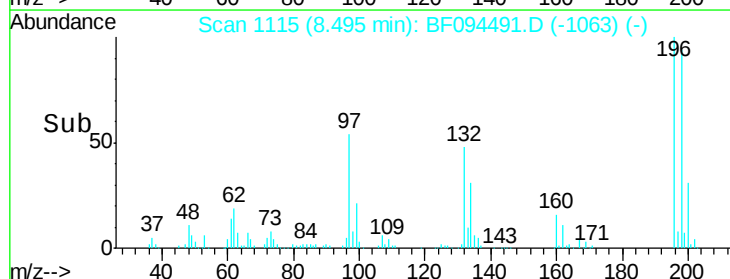
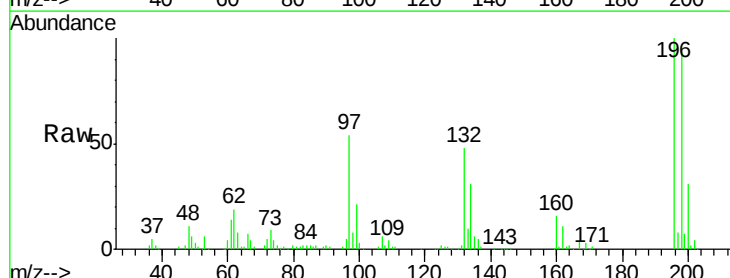
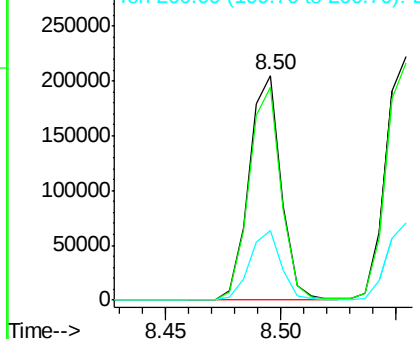
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198953		
198	94.4	74.2	111.4	
200	31.1	24.0	36.0	

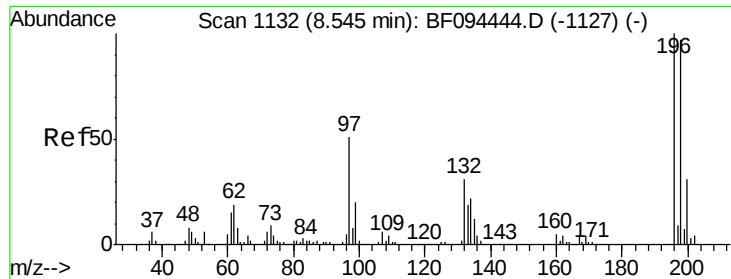
Abundance

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





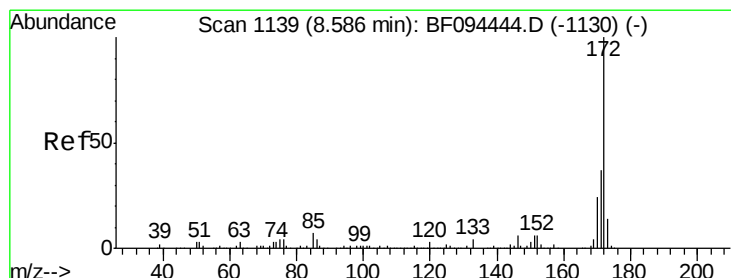
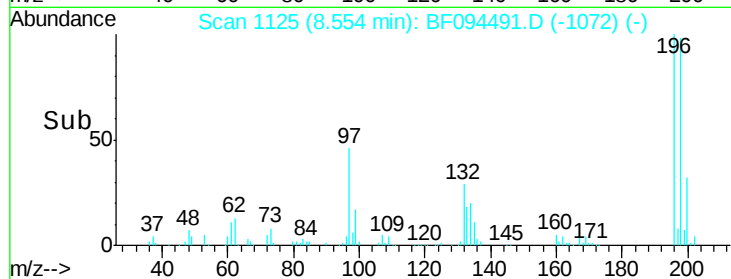
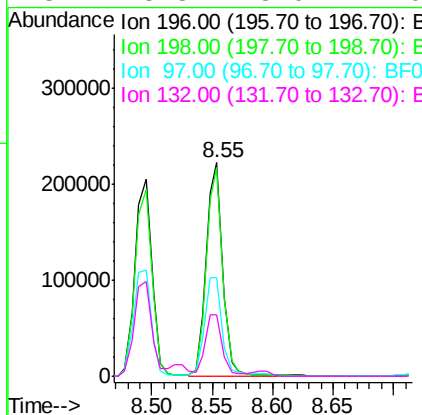
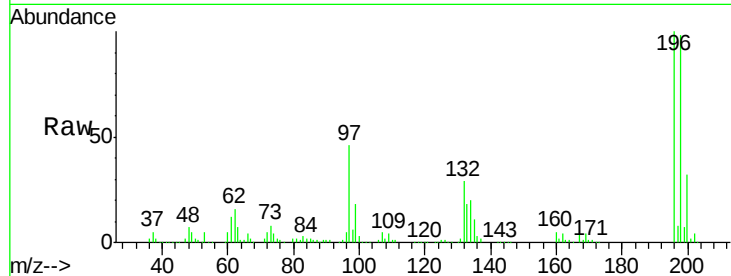
#43
 2,4,5-Trichlorophenol
 Concen: 47.46 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	209545		
198	97.5	75.7	113.5	
97	46.3	47.7	71.5	
132	28.8	28.0	42.0	

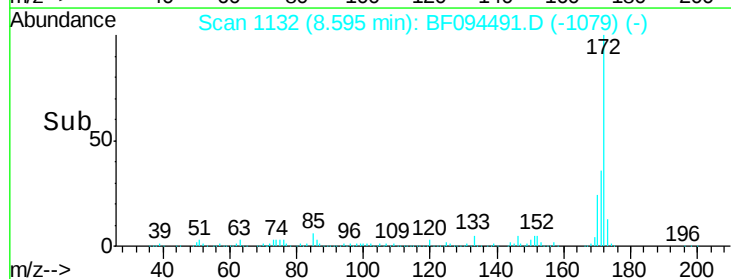
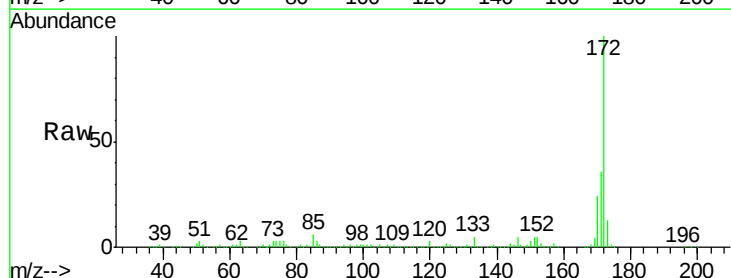
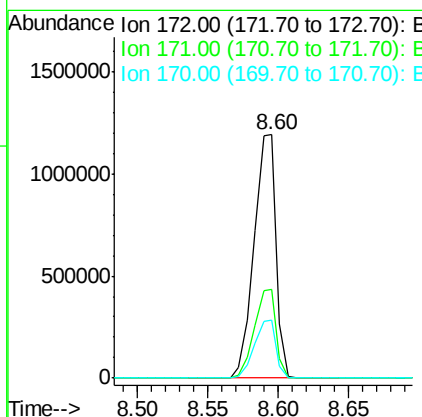
Manual Integrations
 APPROVED

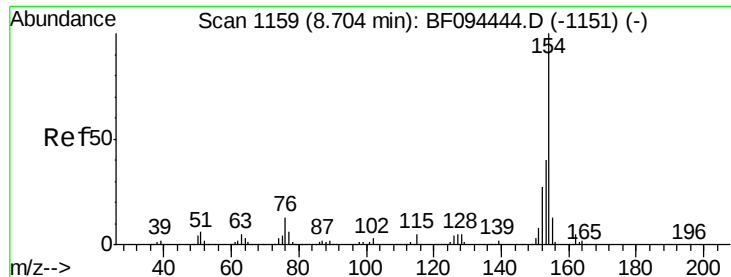
mohammad
 4/19/2017 1:33:24 PM



#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1312456		
171	36.3	29.6	44.4	
170	23.8	19.8	29.8	





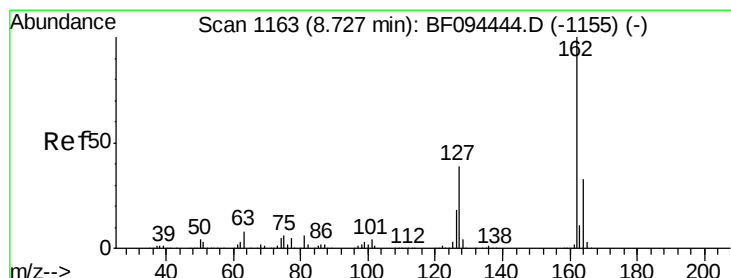
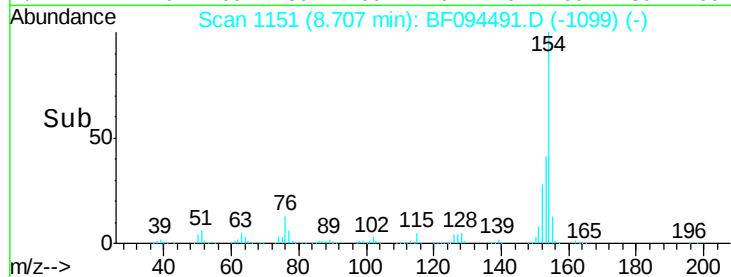
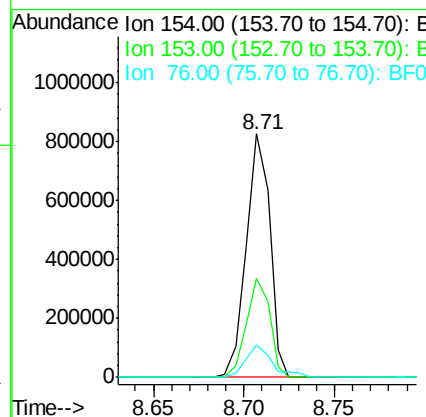
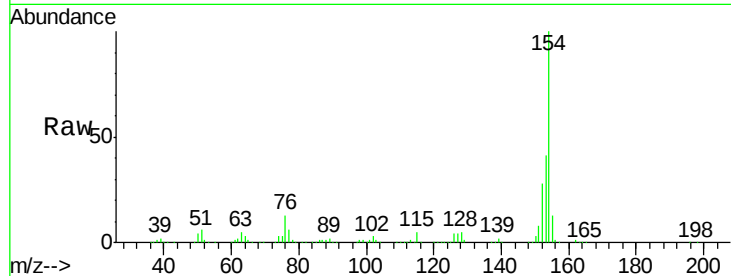
#45
 1,1'-Biphenyl
 Concen: 42.60 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion:	154	Resp:	748359
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	13.5	0.0	29.9

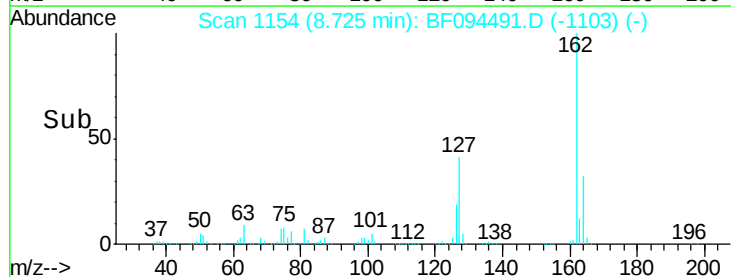
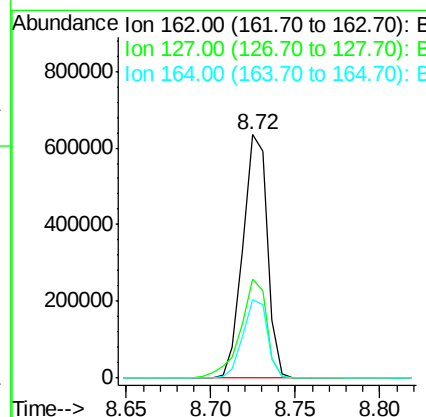
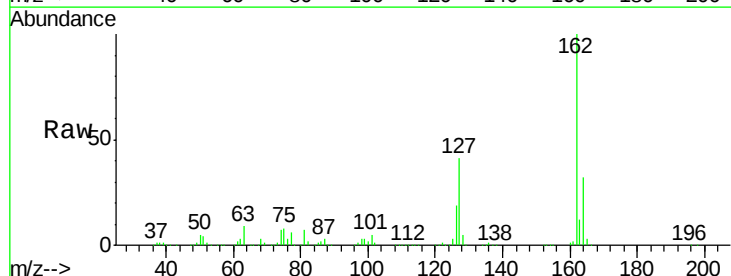
Manual Integrations
 APPROVED

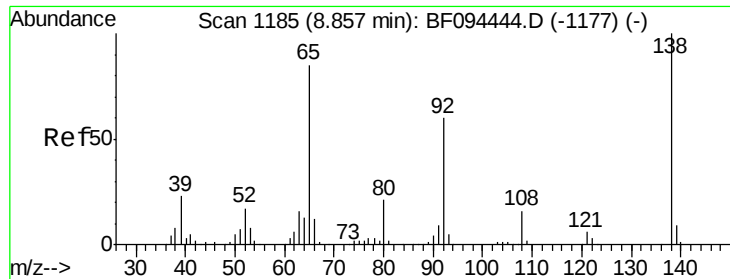
mohammad
 4/19/2017 1:33:24 PM



#46
 2-Chloronaphthalene
 Concen: 45.86 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:	162	Resp:	640453
Ion Ratio	Lower	Upper	
162	100		
127	40.8	28.3	42.5
164	32.3	27.0	40.4





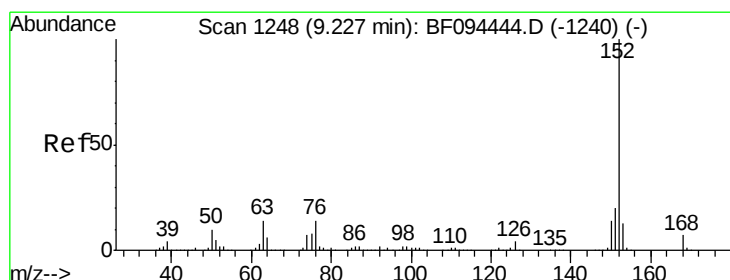
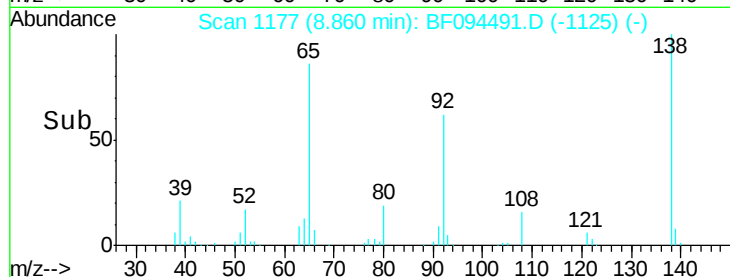
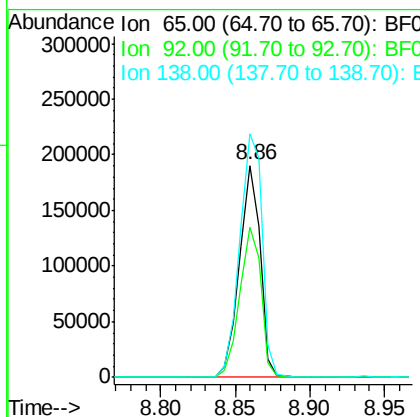
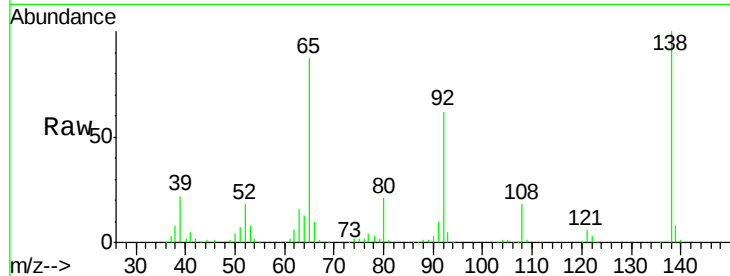
#47
2-Nitroaniline
Concen: 46.04 ng
RT: 8.86 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	53.9	80.9
138	115.0	78.8	118.2

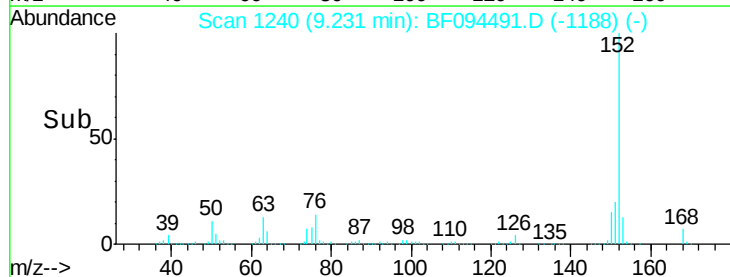
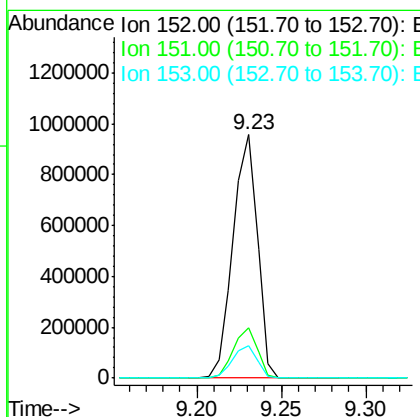
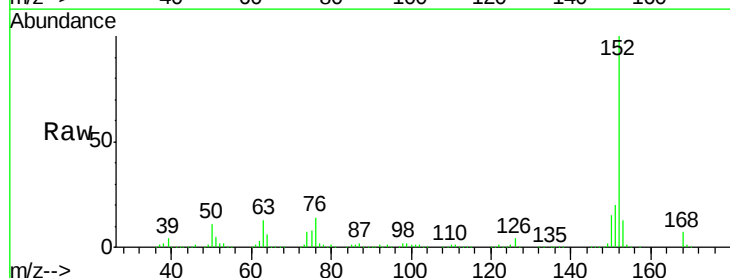
Manual Integrations
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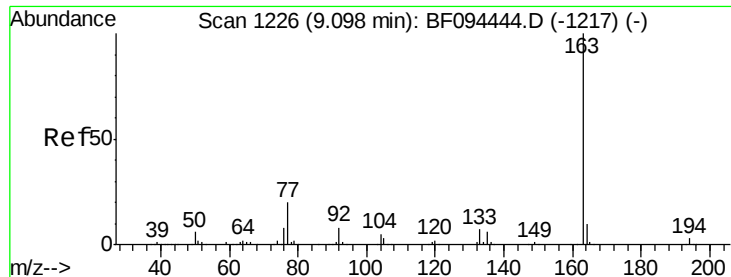
mohammad
4/19/2017 1:33:24 PM



#48
Acenaphthylene
Concen: 44.07 ng
RT: 9.23 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.2	10.8	16.2





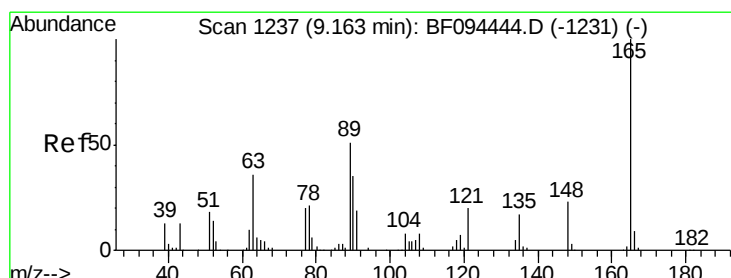
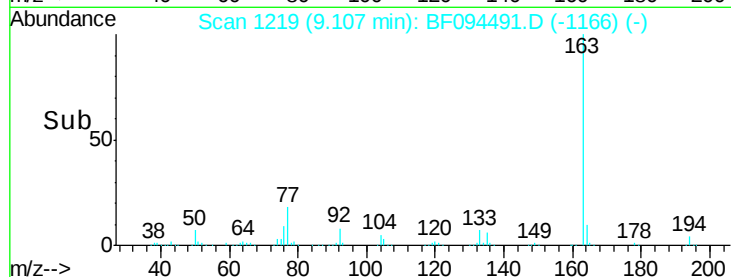
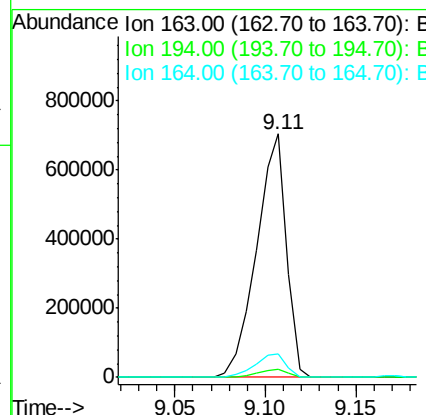
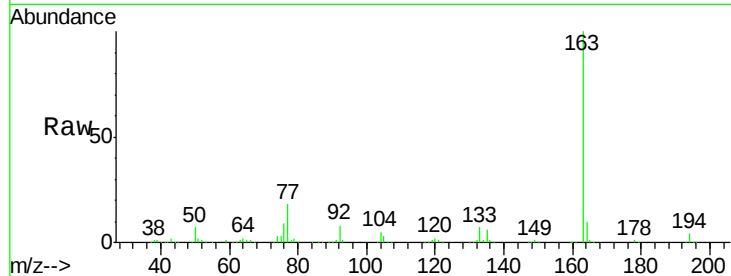
#49
Dimethylphthalate
Concen: 50.16 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	803618		
194	3.6		2.6	4.0
164	9.6		8.4	12.6

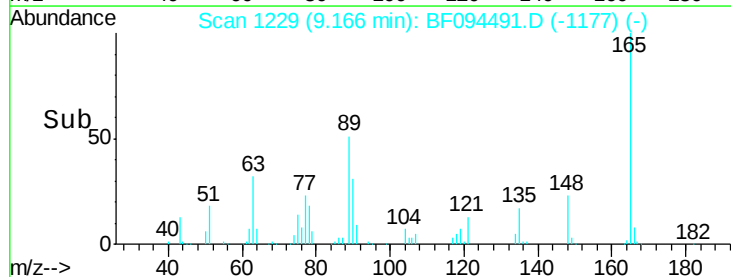
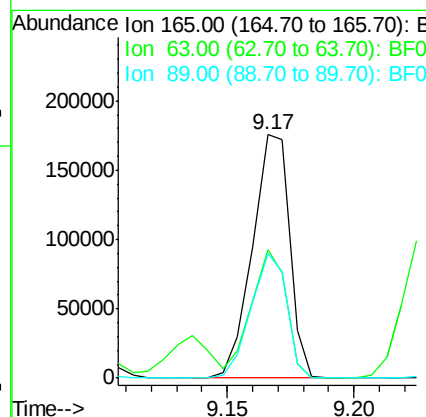
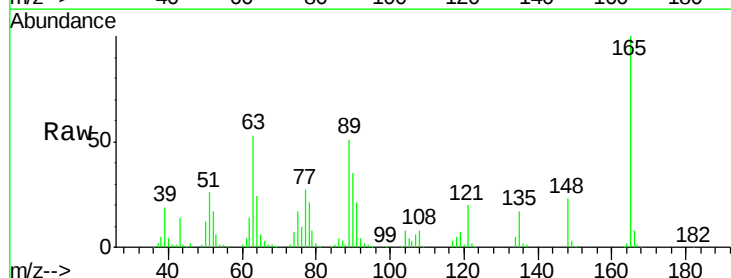
Manual Integrations
APPROVED

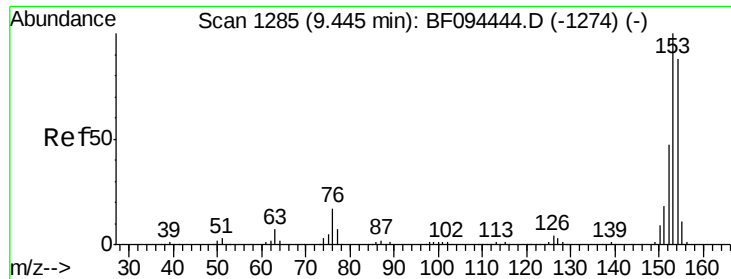
mohammad
4/19/2017 1:33:24 PM



#50
2,6-Dinitrotoluene
Concen: 50.18 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180466		
63	52.5		34.3	51.5#
89	51.3		37.1	55.7





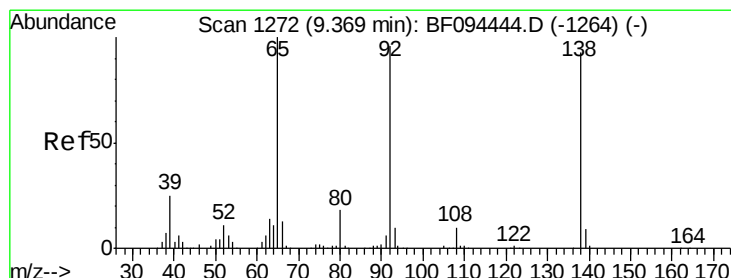
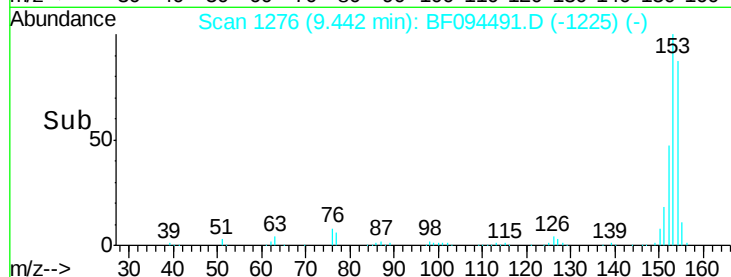
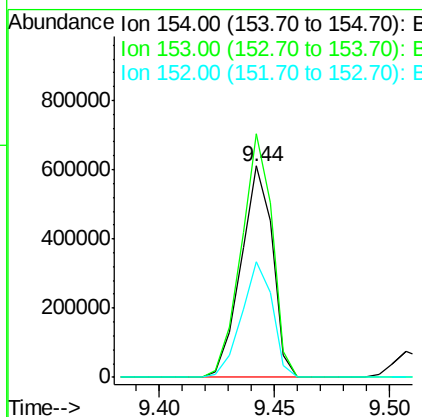
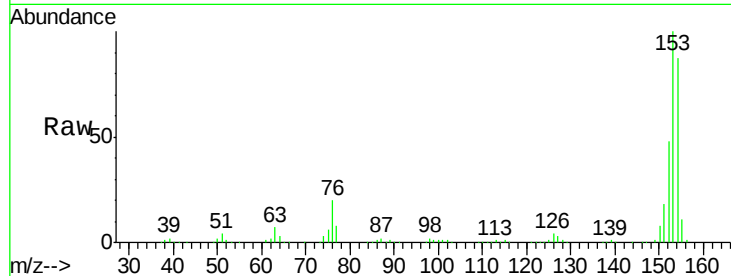
#51
Acenaphthene
Concen: 44.75 ng
RT: 9.44 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.5	135.7
152	54.7	43.6	65.4

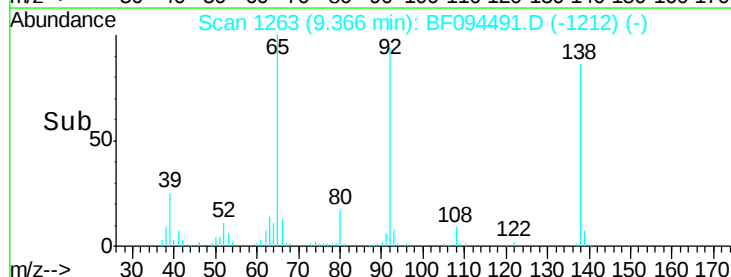
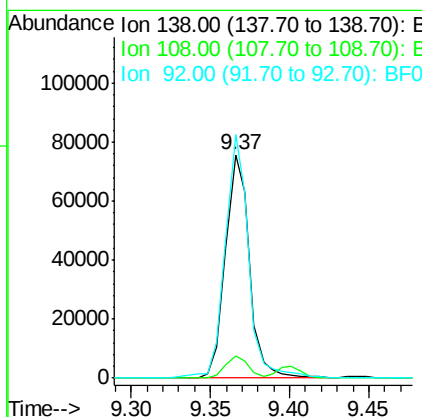
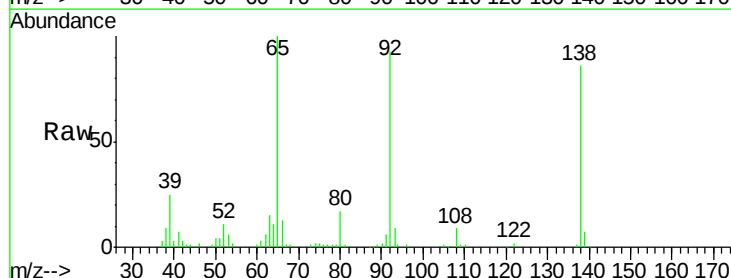
Manual Integrations
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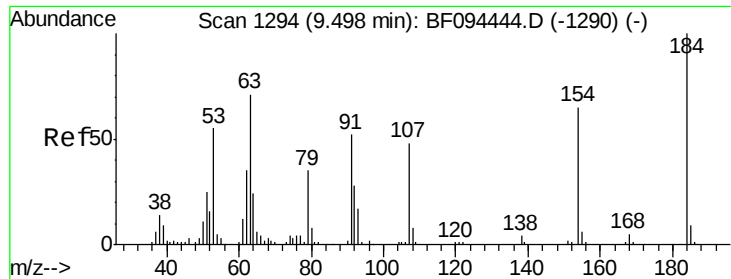
mohammad
4/19/2017 1:33:24 PM



#52
3-Nitroaniline
Concen: 19.09 ng
RT: 9.37 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	108.8	93.8	140.6





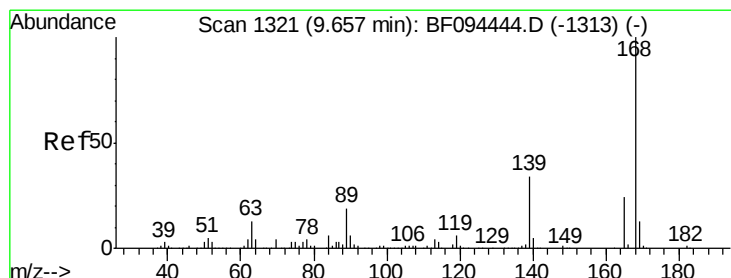
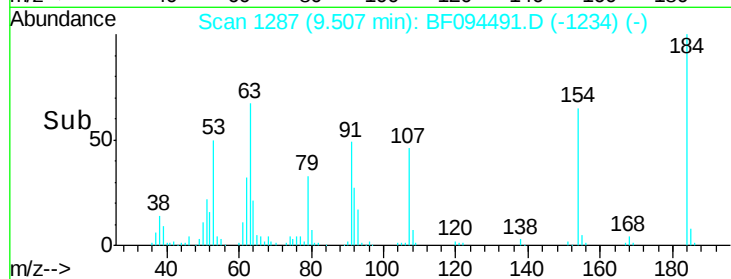
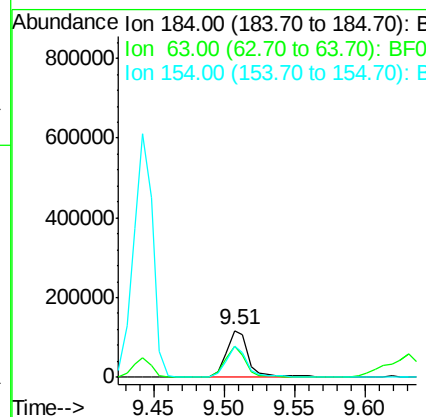
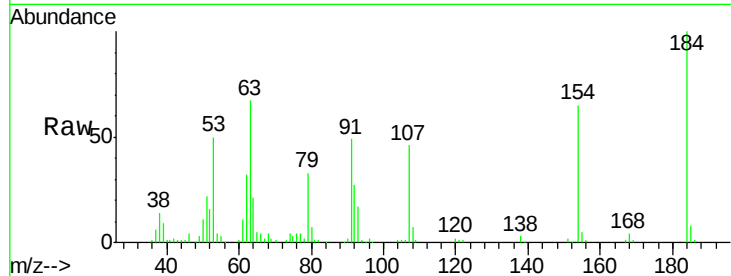
#53
 2,4-Dinitrophenol
 Concen: 68.18 ng
 RT: 9.51 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	131249		
63	67.2	62.7	94.1	
154	65.0	81.1	121.7	

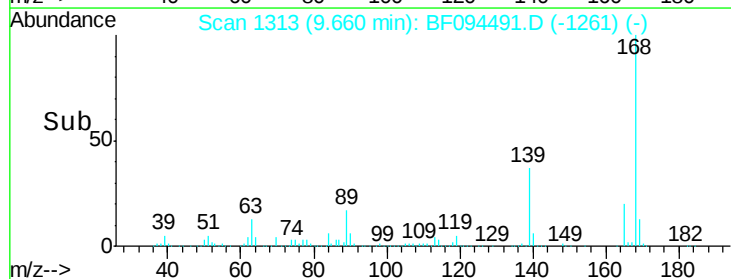
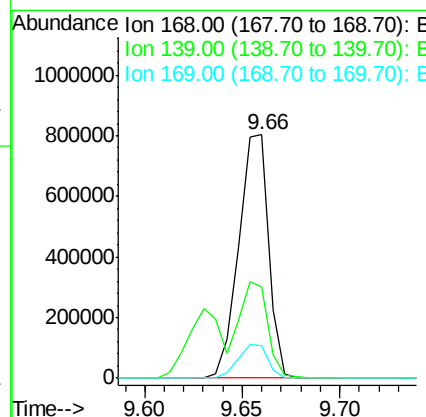
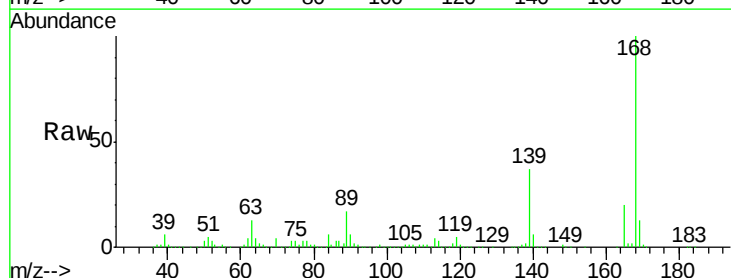
Manual Integrations
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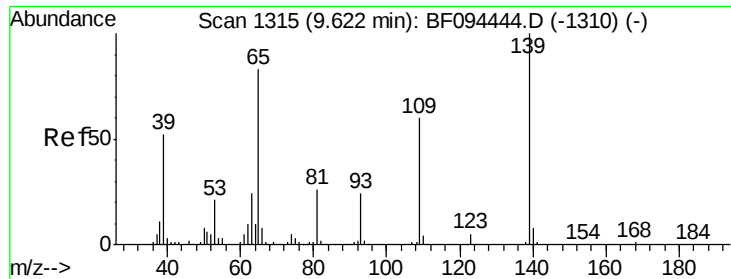
mohammad
 4/19/2017 1:33:24 PM



#54
 Dibenzofuran
 Concen: 44.98 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	852505		
139	37.4	30.6	45.8	
169	13.2	10.8	16.2	





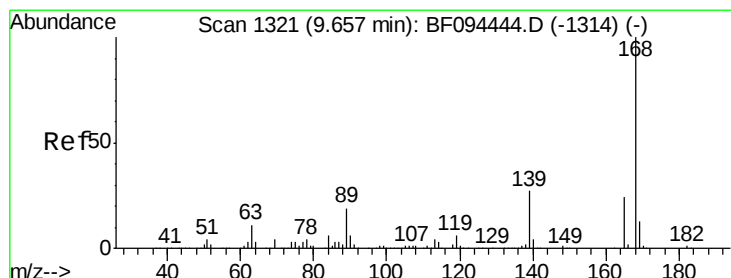
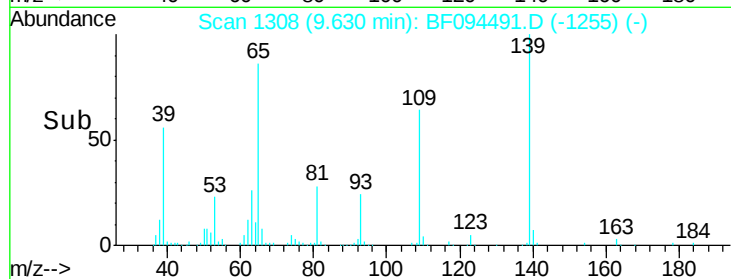
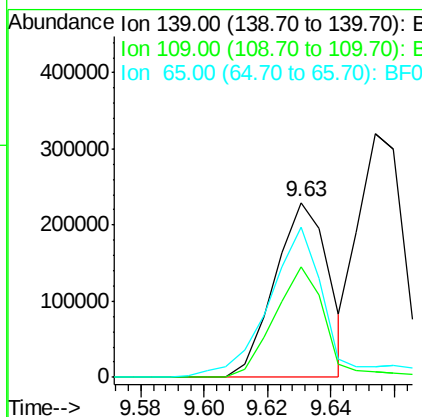
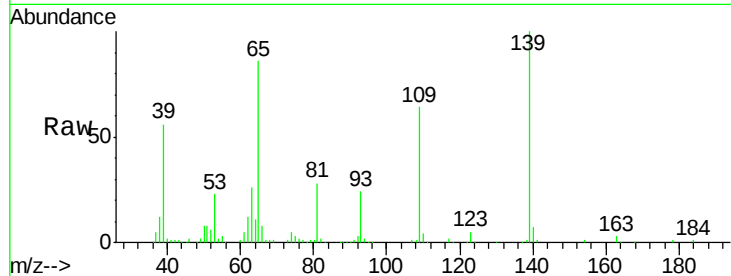
#55
4-Nitrophenol
Concen: 92.25 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	271164		
109	63.6	34.1	74.1	
65	85.9	31.4	71.4	

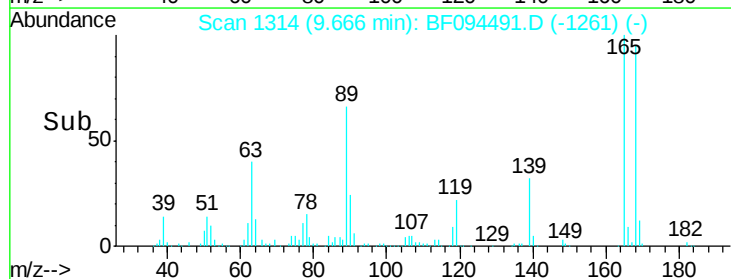
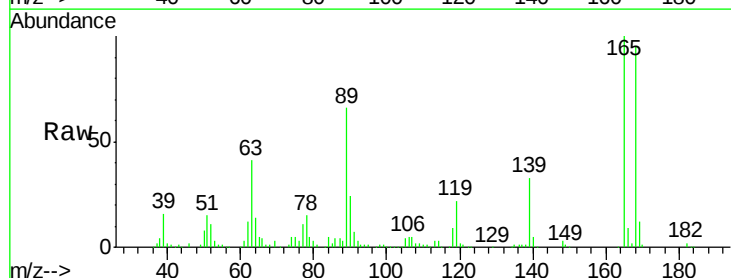
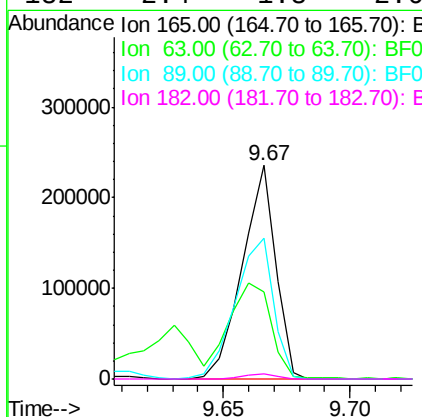
Manual Integrations
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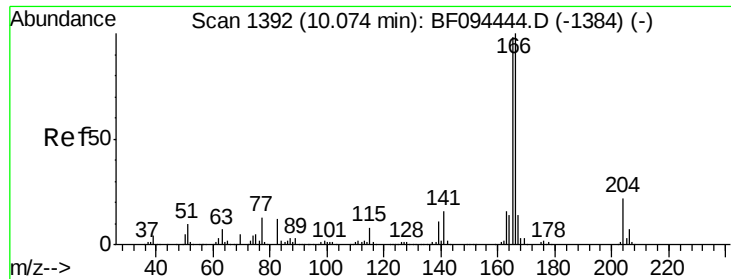
mohammad
4/19/2017 1:33:24 PM



#56
2,4-Dinitrotoluene
Concen: 49.17 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216957		
63	40.7	25.4	38.0	
89	66.0	46.4	69.6	
182	2.4	1.8	2.6	





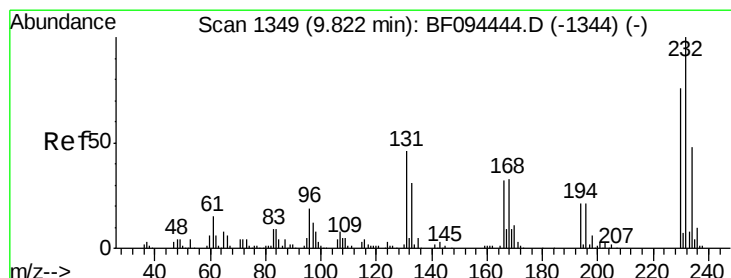
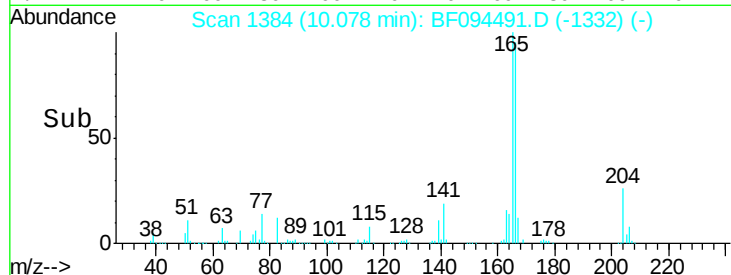
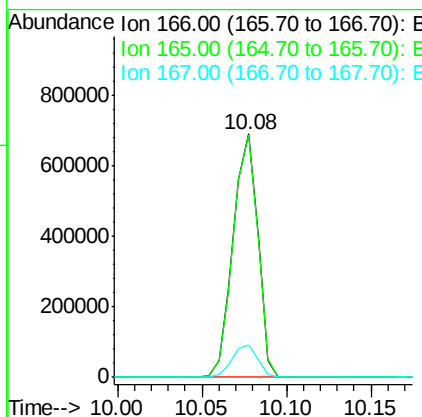
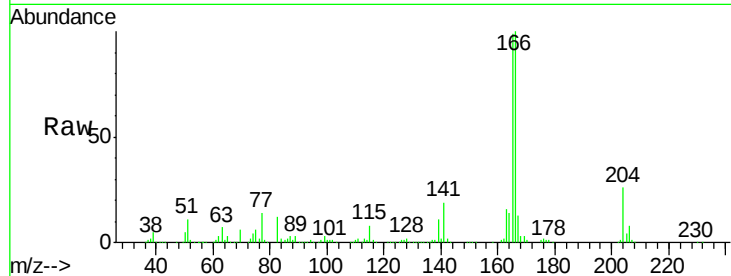
#57
 Fluorene
 Concen: 47.44 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.8	118.2
167	13.4	10.6	16.0

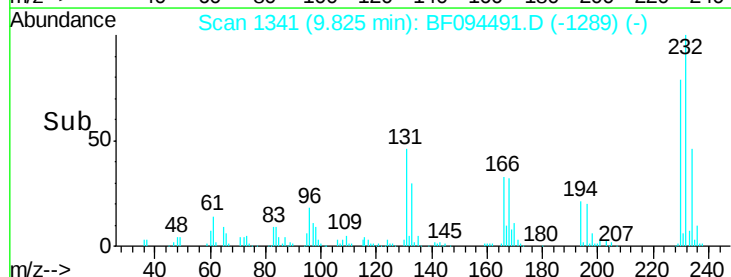
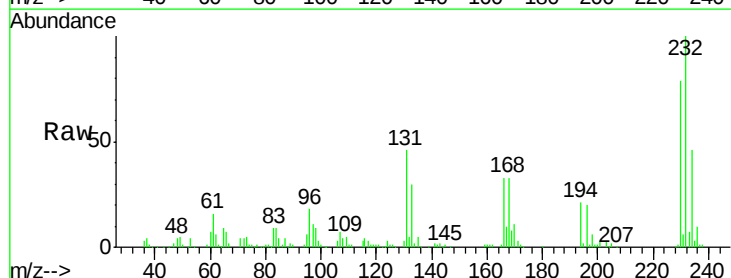
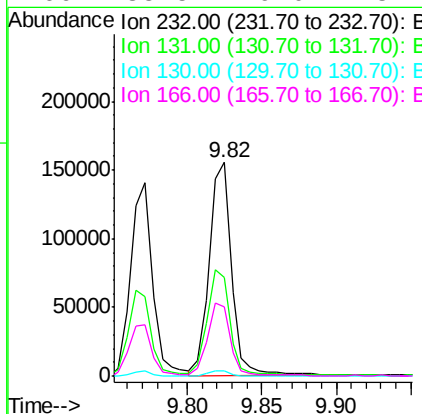
Manual Integrations
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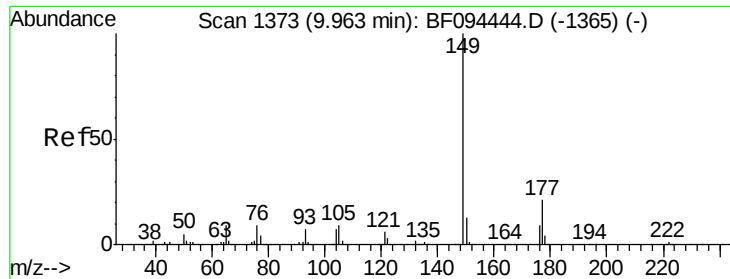
mohammad
 4/19/2017 1:33:24 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.38 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.8	44.8	67.2
130	2.5	2.3	3.5
166	35.5	29.0	43.4





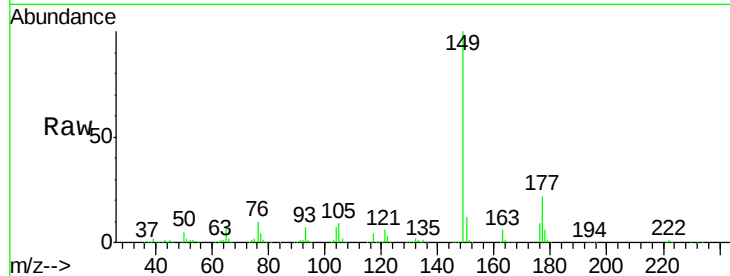
#59
Diethylphthalate
Concen: 50.83 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

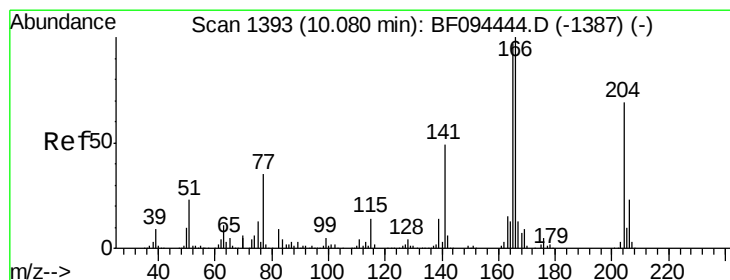
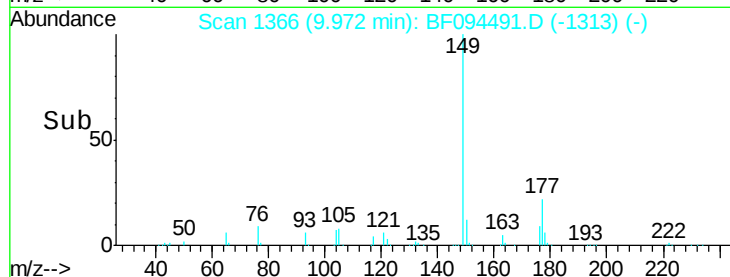
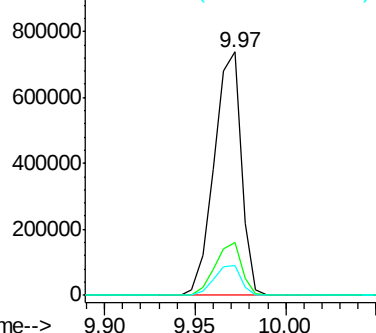
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.2	10.2	15.2

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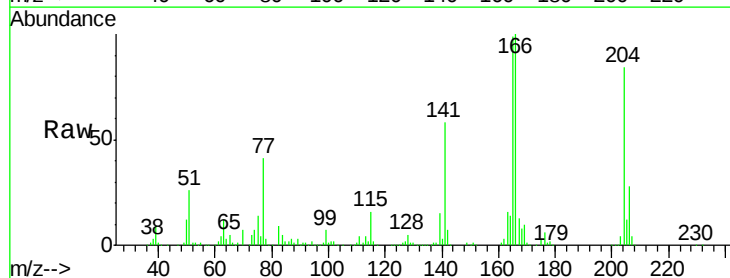


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

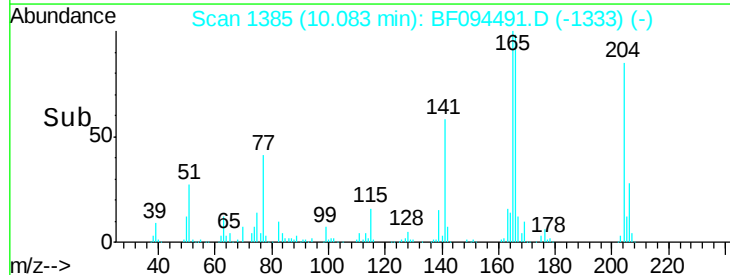
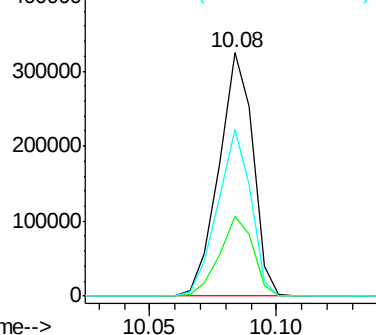


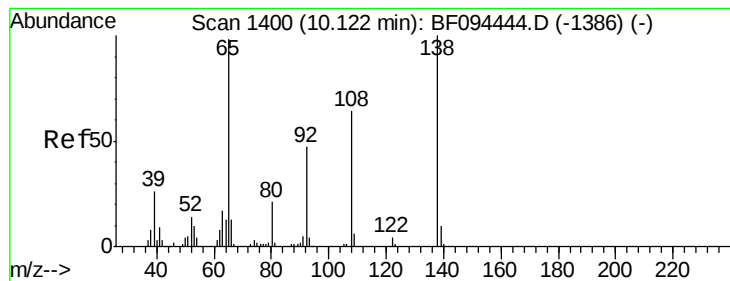
#60
4-Chlorophenyl-phenylether
Concen: 49.37 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	68.6	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.16 ng

RT: 10.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

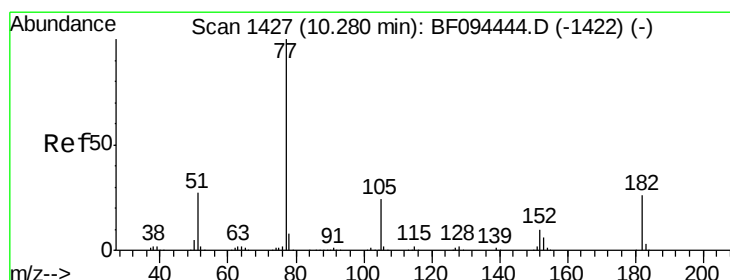
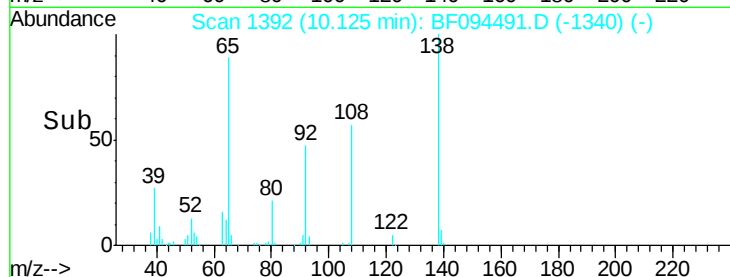
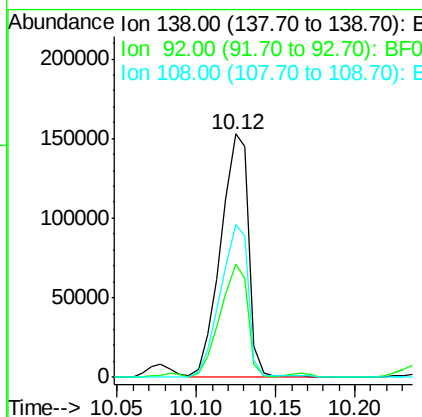
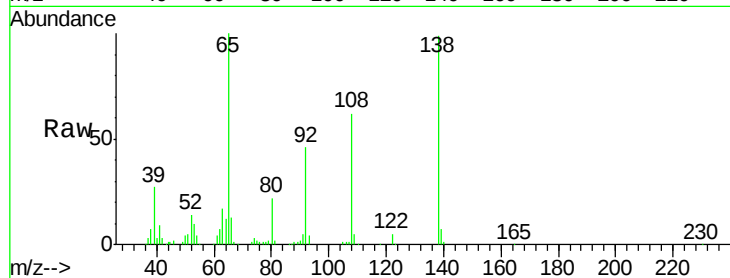
ClientSampleId :

PB98306BS

Tot Ion:	138	Resp:	186804
Ion Ratio	Lower	Upper	
138	100		
92	46.6	21.8	61.8
108	62.6	42.3	82.3

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#62

Azobenzene

Concen: 50.76 ng

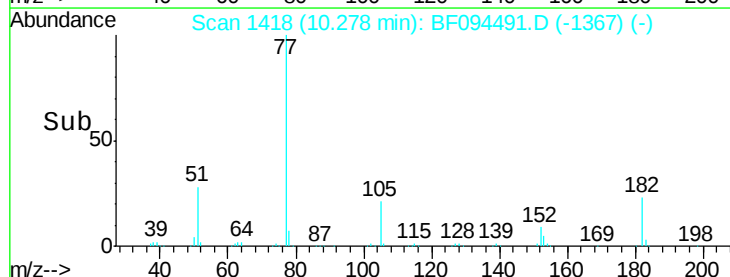
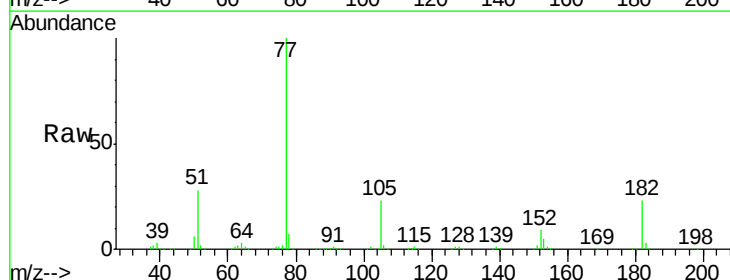
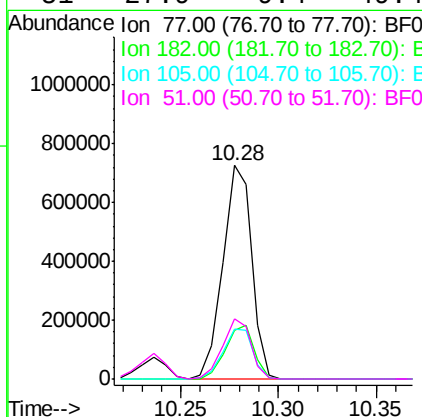
RT: 10.28 min Scan# 1418

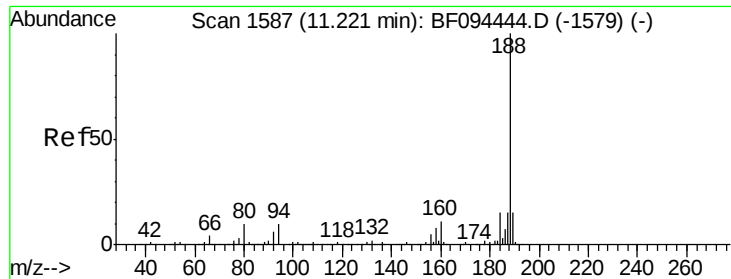
Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion:	77	Resp:	745010
Ion Ratio	Lower	Upper	
77	100		
182	22.9	0.1	40.1
105	23.4	3.6	43.6
51	27.9	9.4	49.4





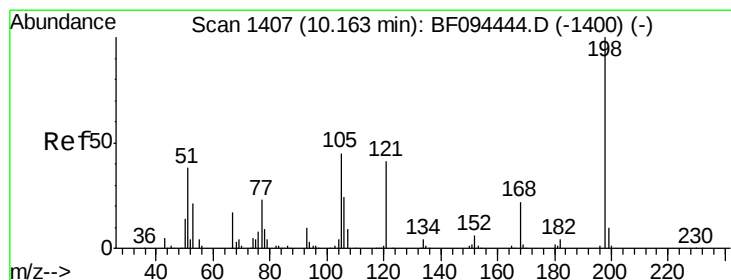
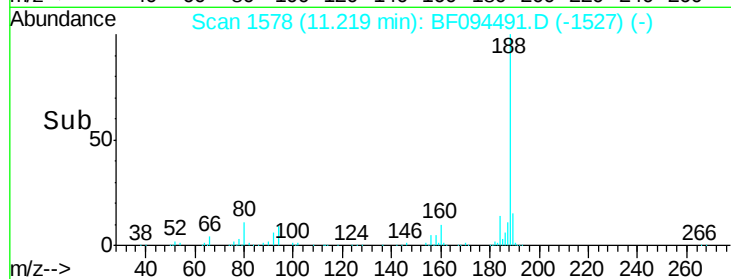
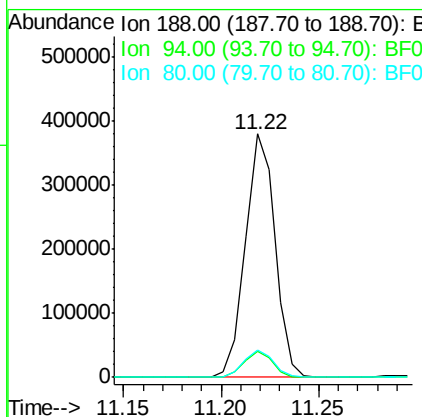
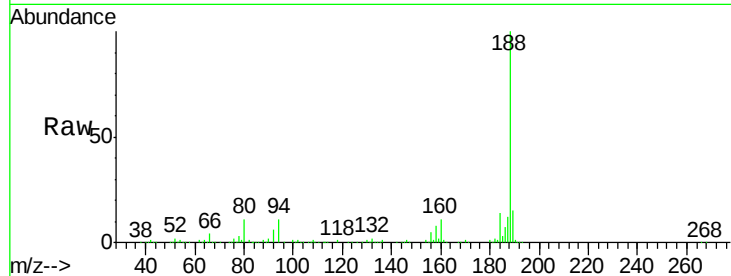
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	400115		
94	10.6		9.4	14.2
80	11.4		10.2	15.2

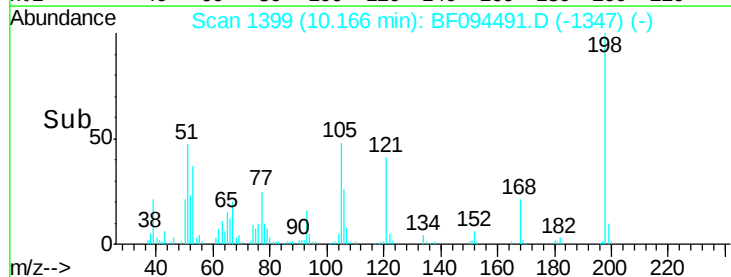
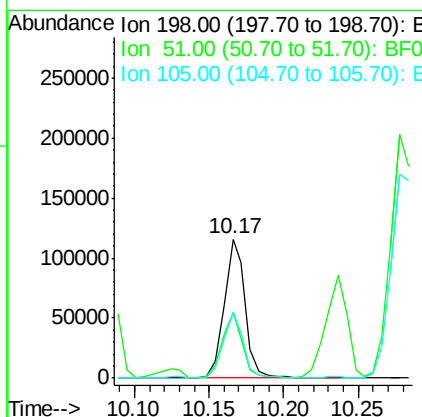
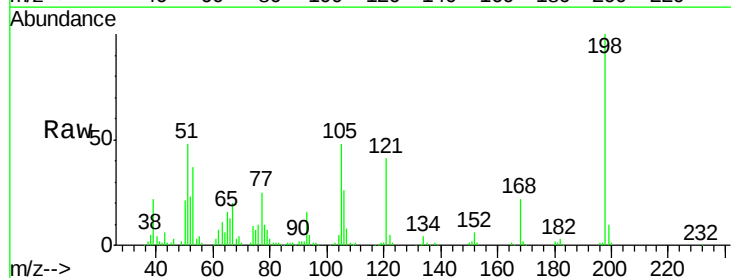
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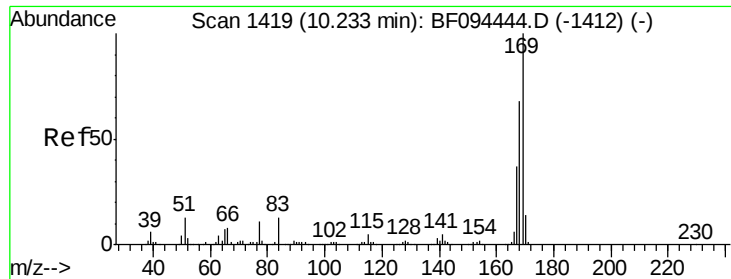
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.94 ng
RT: 10.17 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	115195		
51	47.7		53.2	93.2#
105	47.7		45.8	85.8





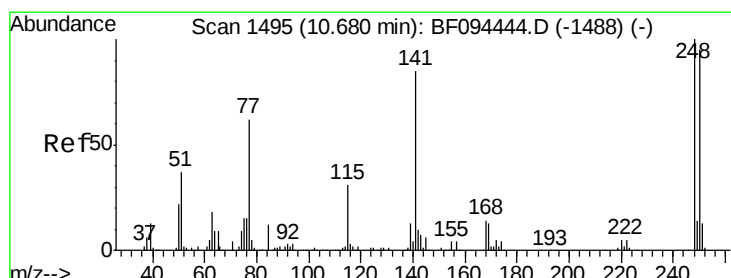
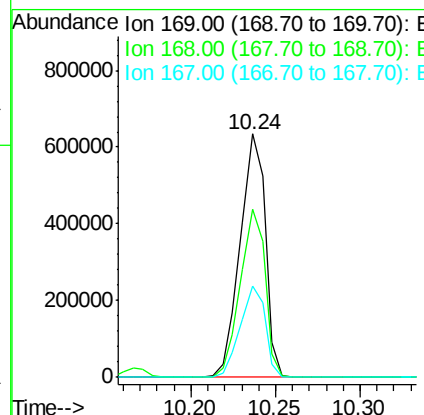
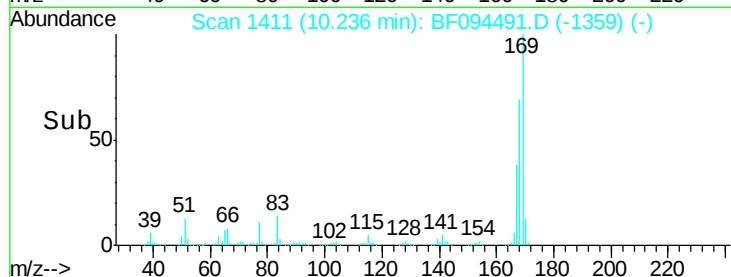
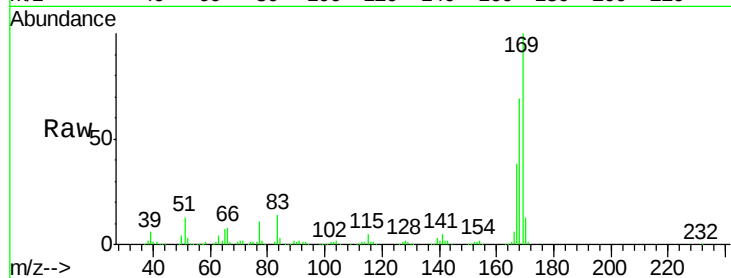
#65
n-Nitrosodiphenylamine
Concen: 47.31 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	658339		
168	69.0		53.2	79.8
167	37.6		29.5	44.3

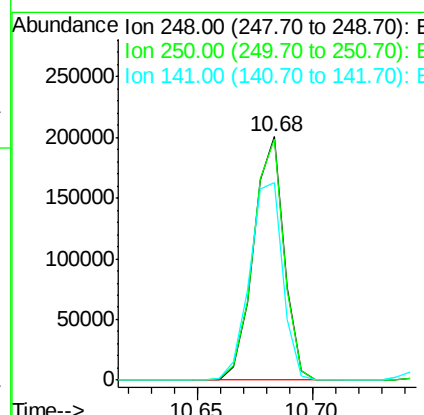
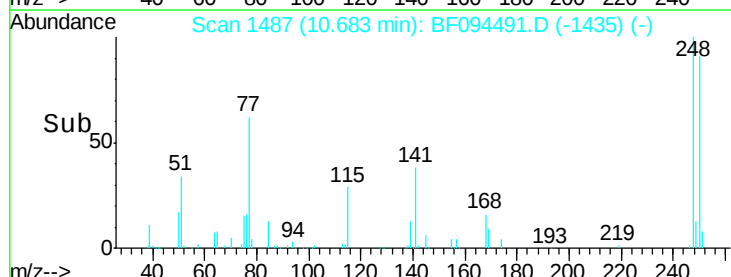
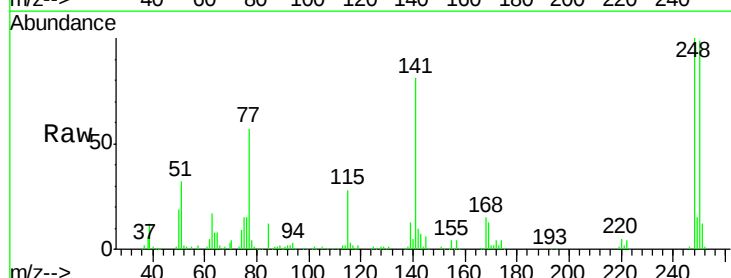
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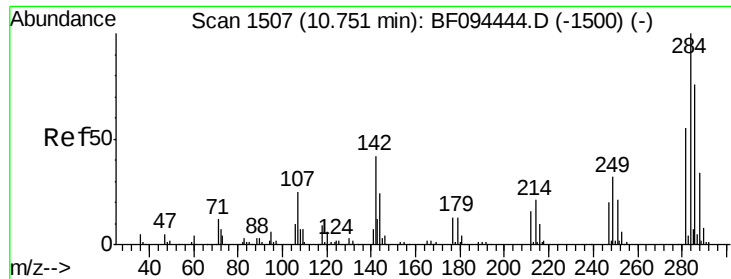
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 46.70 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	185522		
250	99.3		76.8	115.2
141	81.3		68.6	103.0





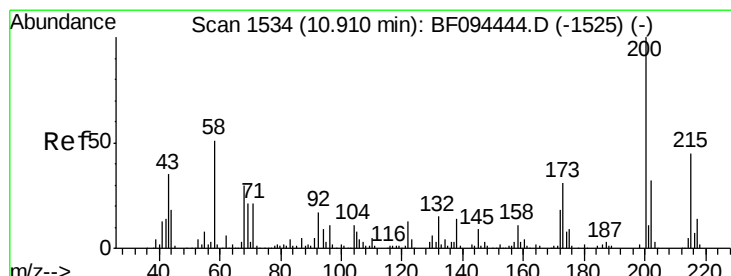
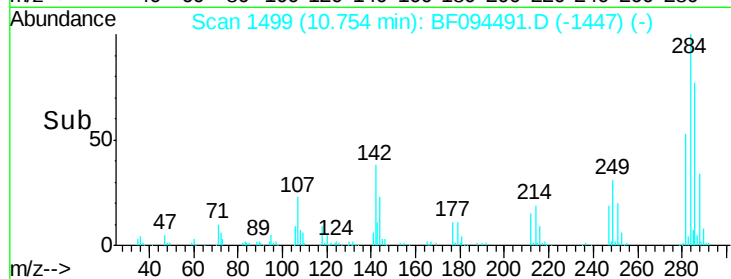
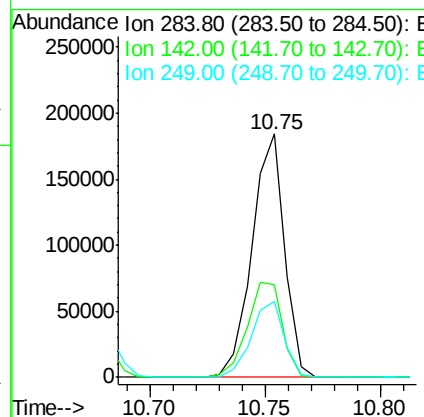
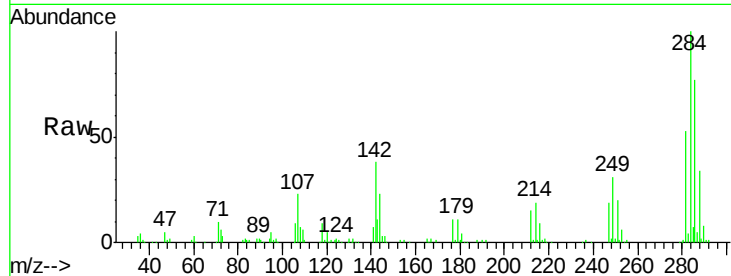
#67
Hexachlorobenzene
Concen: 45.08 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	180484		
142	38.2	22.8	34.2	
249	31.2	24.0	36.0	

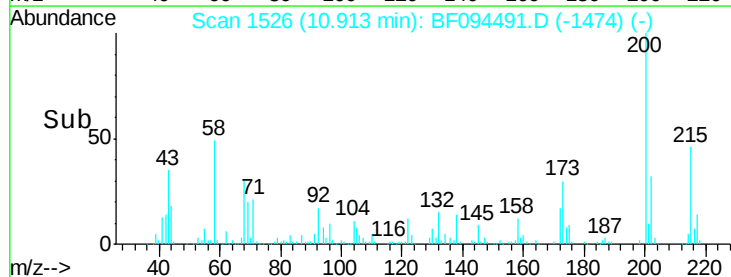
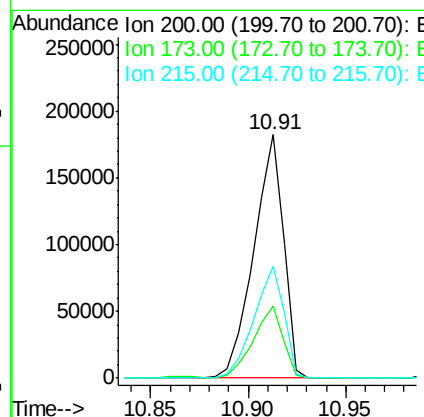
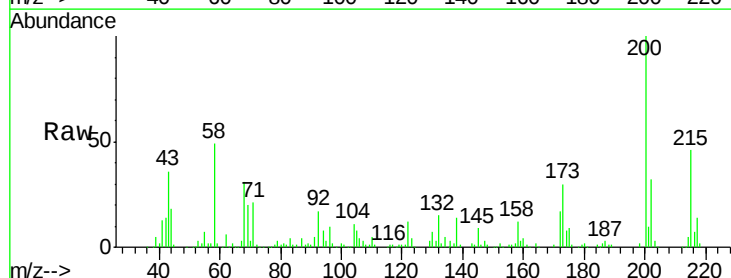
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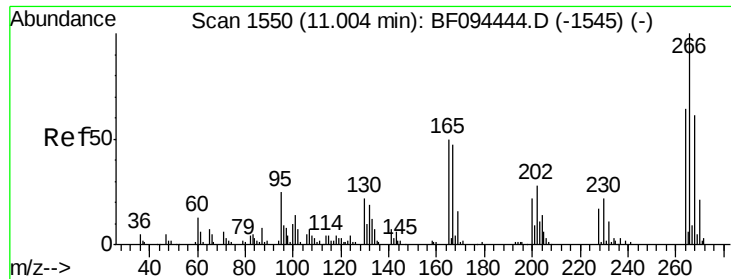
mohammad
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#68
Atrazine
Concen: 46.06 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	191758		
173	29.9	6.3	46.3	
215	45.9	27.2	67.2	





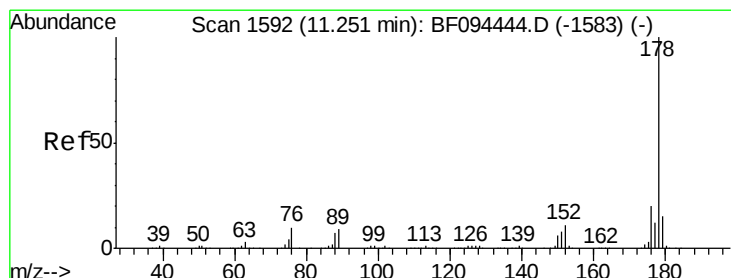
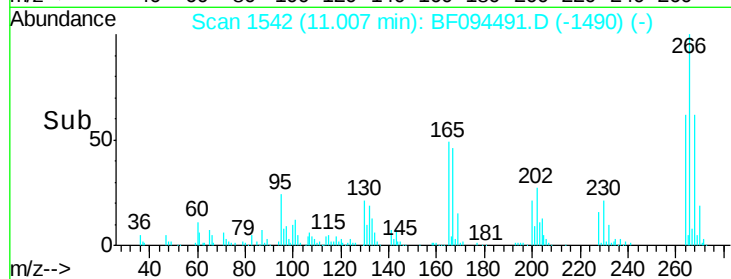
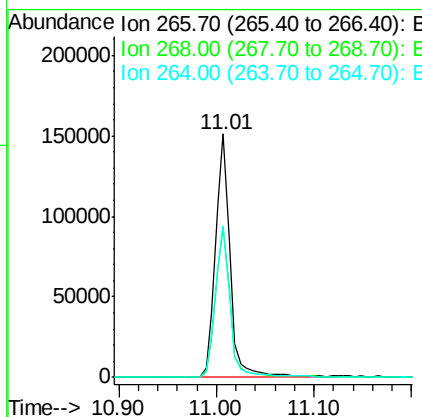
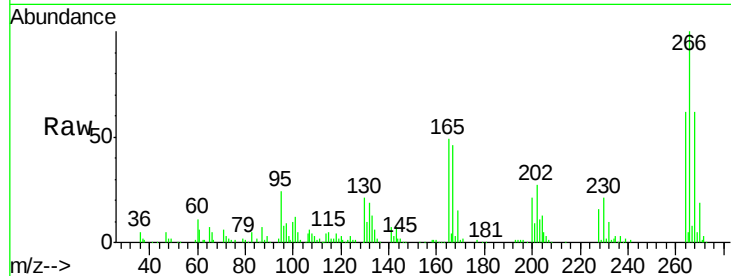
#69
 Pentachlorophenol
 Concen: 100.44 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	62.3	51.7	77.5

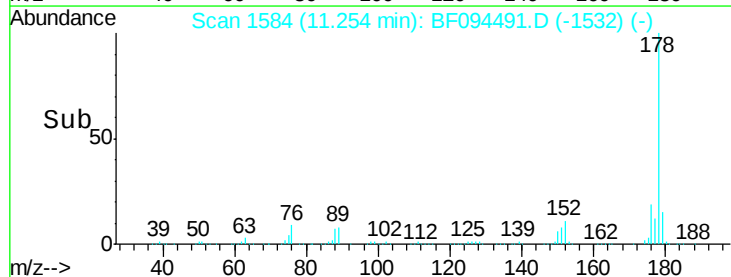
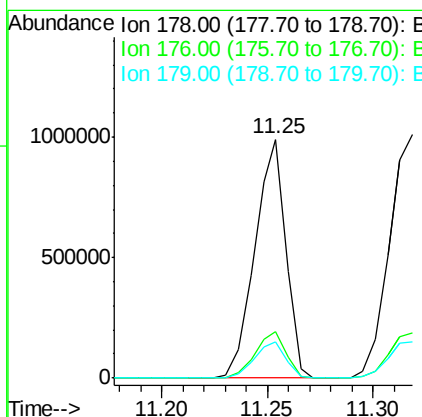
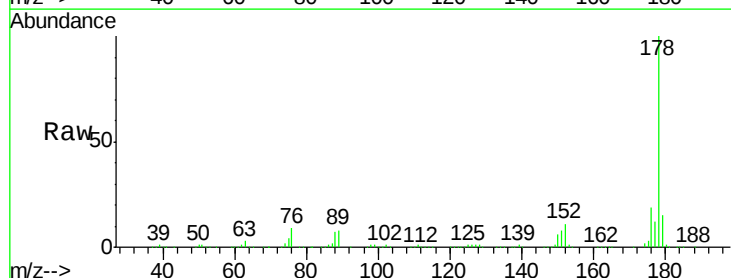
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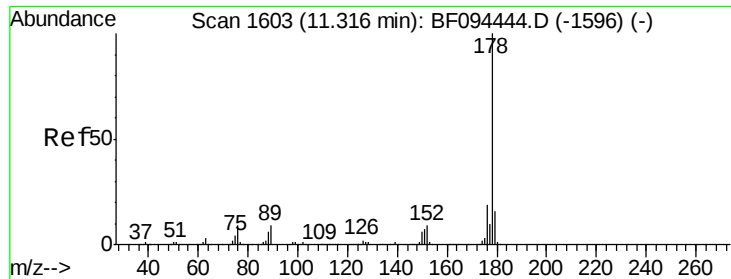
mohammad
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#70
 Phenanthrene
 Concen: 44.57 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0





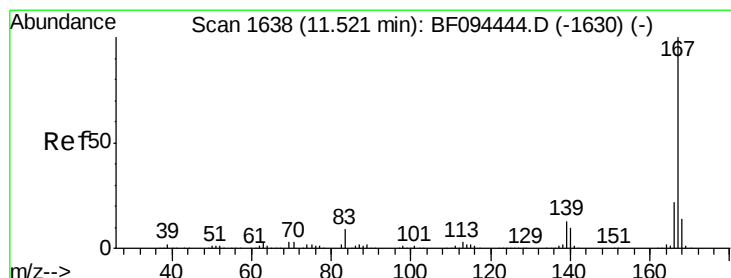
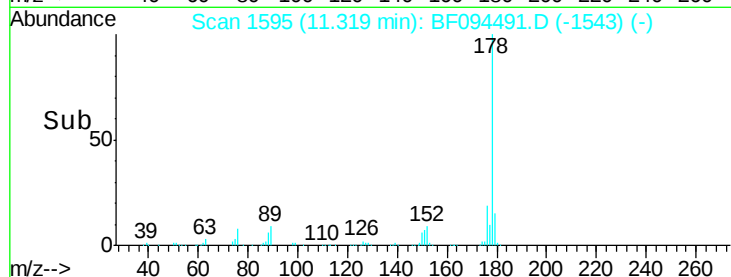
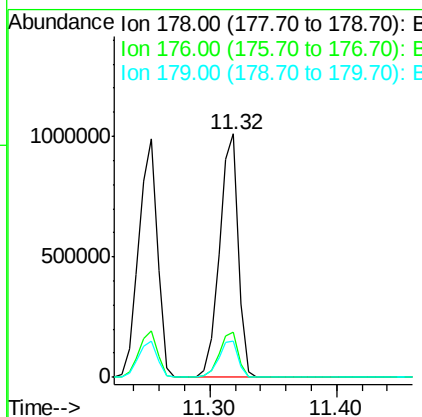
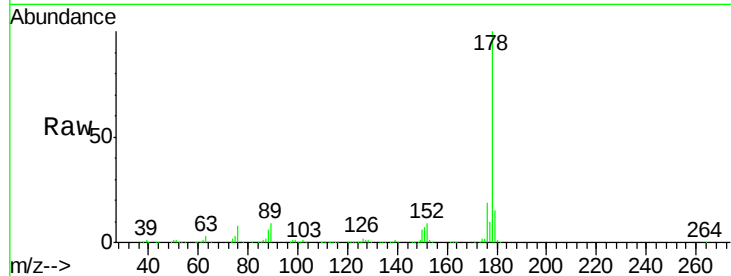
#71
 Anthracene
 Concen: 44.84 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion:178 Resp: 1045170
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.1 12.7 19.1

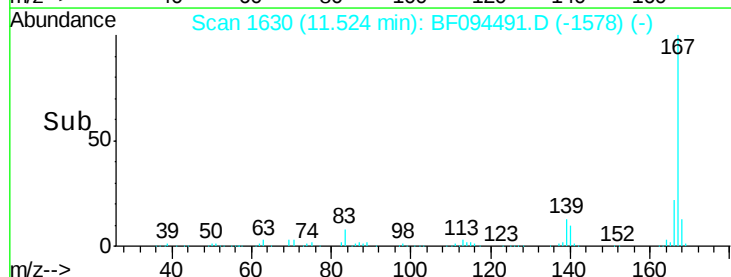
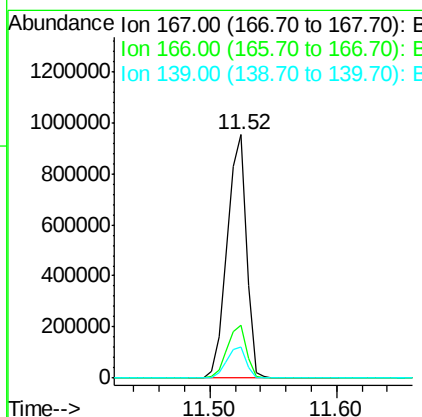
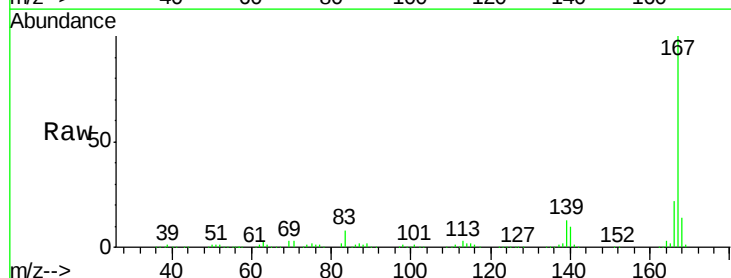
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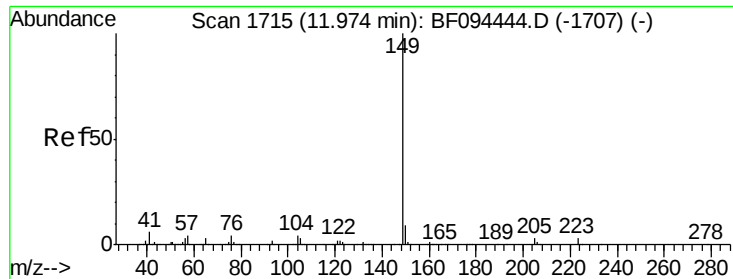
mohammad
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#72
 Carbazole
 Concen: 45.72 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion:167 Resp: 1000085
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 49.46 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

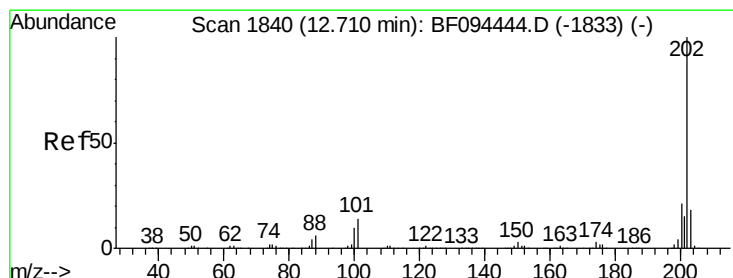
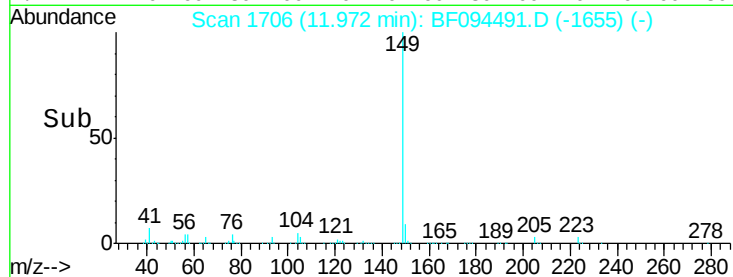
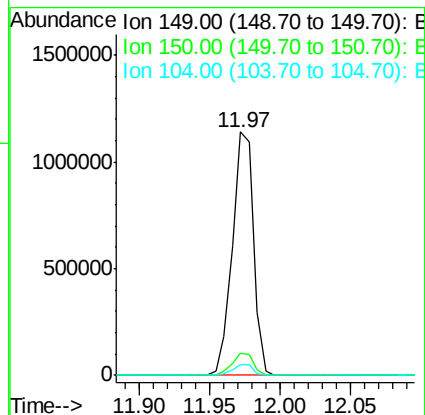
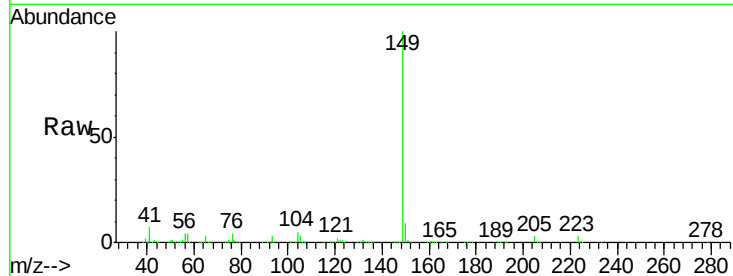
ClientSampleId :

PB98306BS

Tot Ion:	149	Resp:	1191217
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 46.20 ng

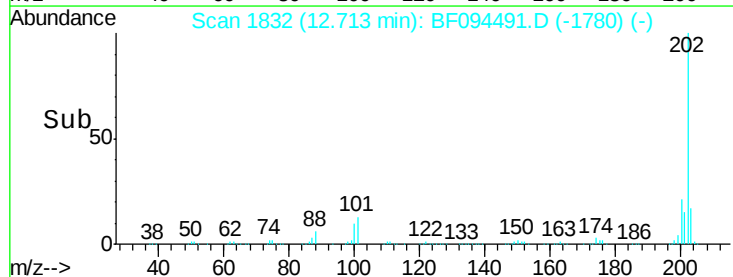
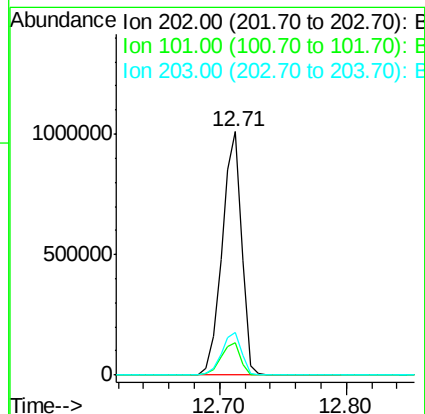
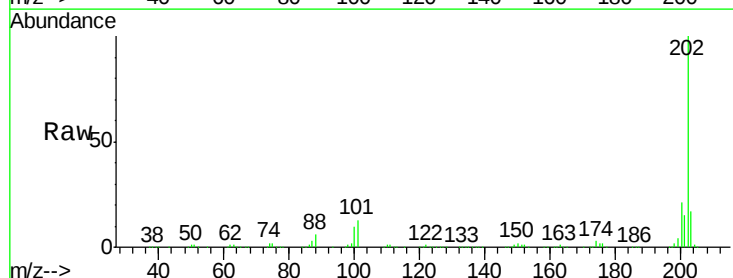
RT: 12.71 min Scan# 1832

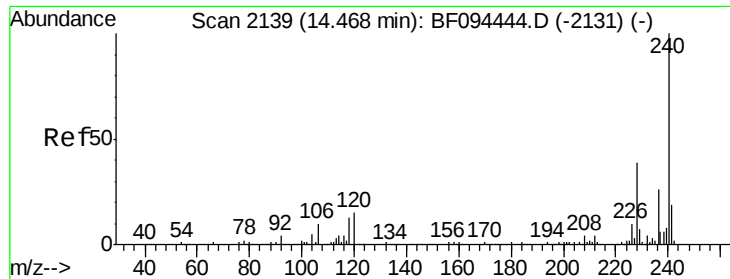
Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Tgt Ion:	202	Resp:	1078758
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	17.3	0.0	38.1





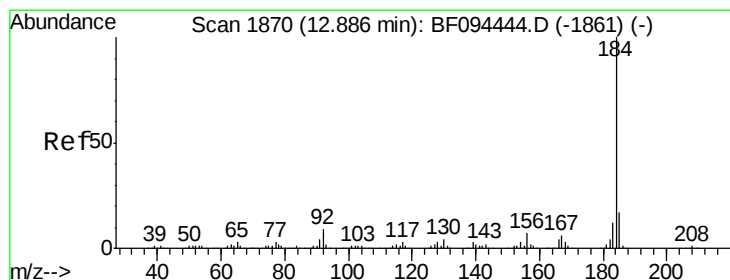
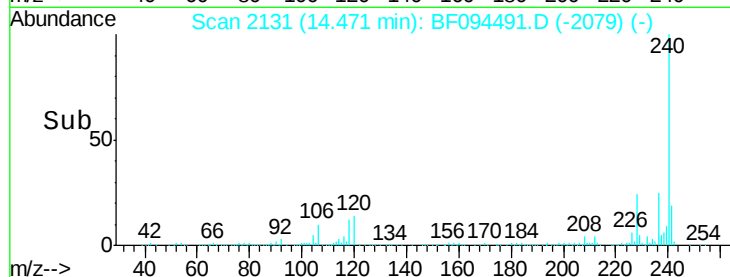
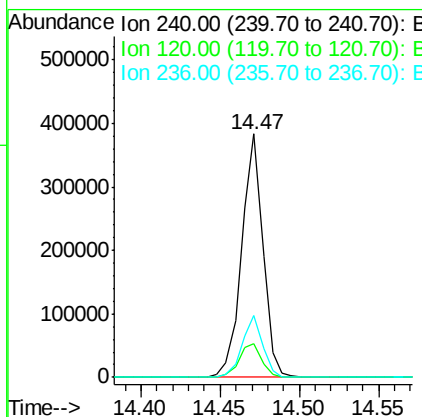
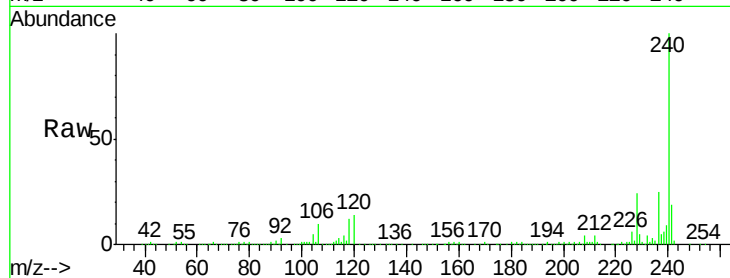
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleID :
 PB98306BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.4	20.5	30.7

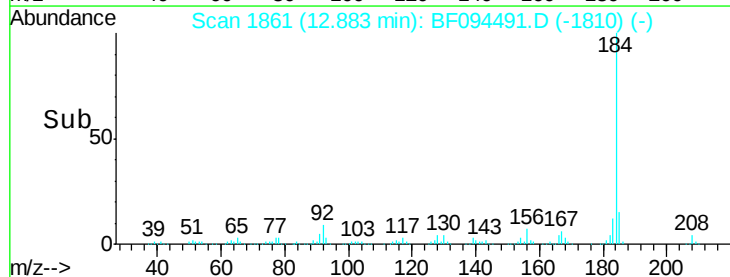
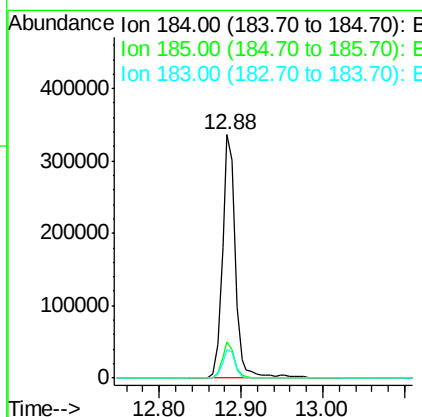
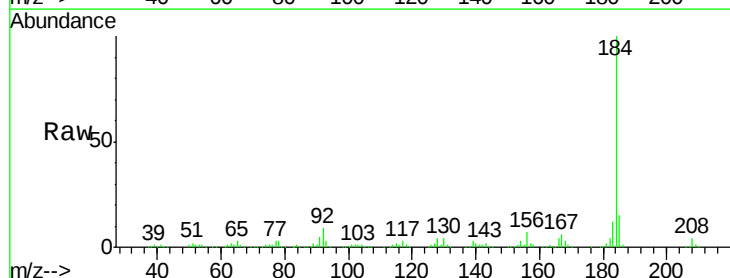
Manual Integrations
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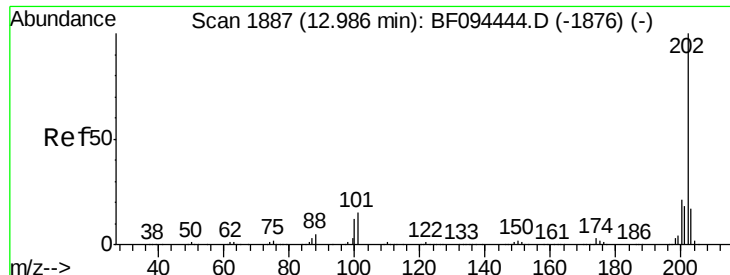
mohammad
 4/19/2017 1:33:24 PM



#76
 Benzidine
 Concen: 25.92 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	15.5	23.3#
183	11.8	9.8	14.6





#77

Pvrene

Concen: 44.39 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB98306BS

Tot Ion:202 Resp: 1105682

Ion Ratio Lower Upper

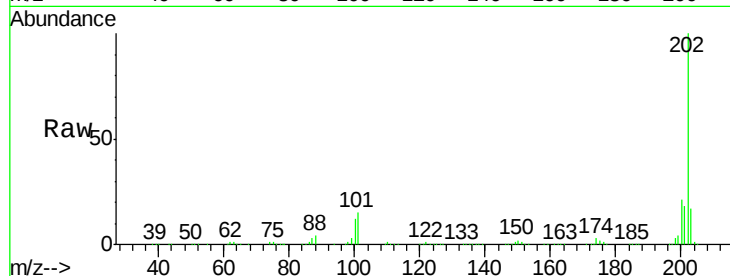
202 100

200 20.9 17.6 26.4

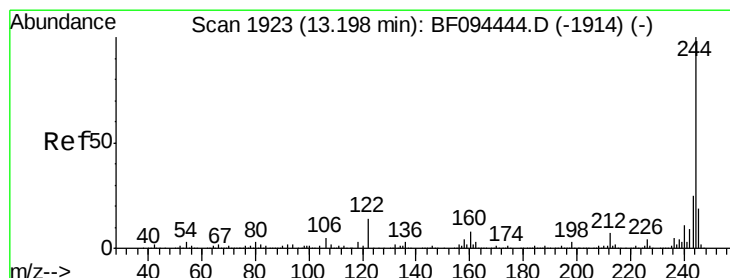
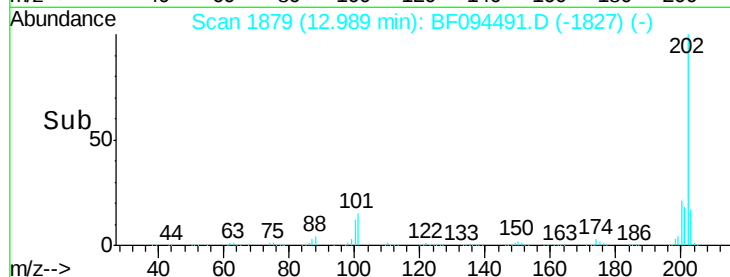
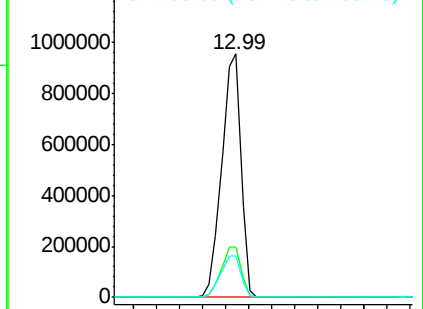
203 17.2 14.4 21.6

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



#78

Terphenyl-d14

Concen: 92.62 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

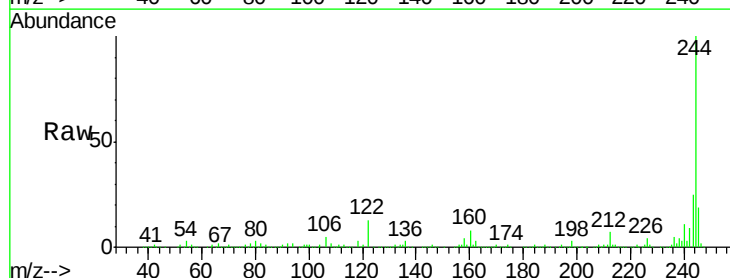
Tgt Ion:244 Resp: 1235243

Ion Ratio Lower Upper

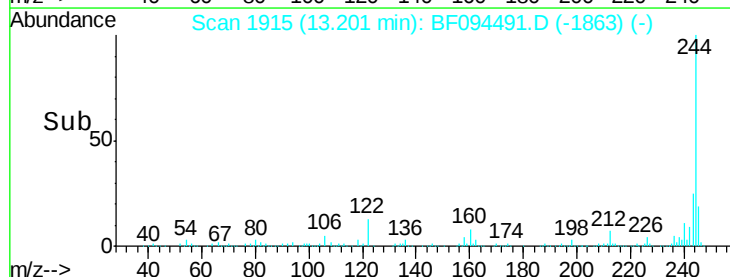
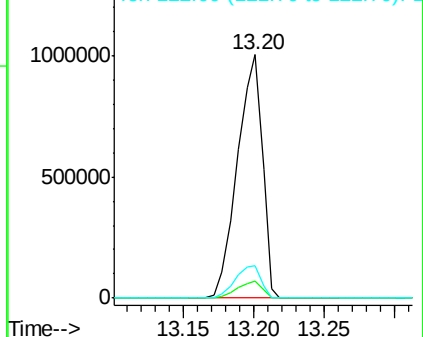
244 100

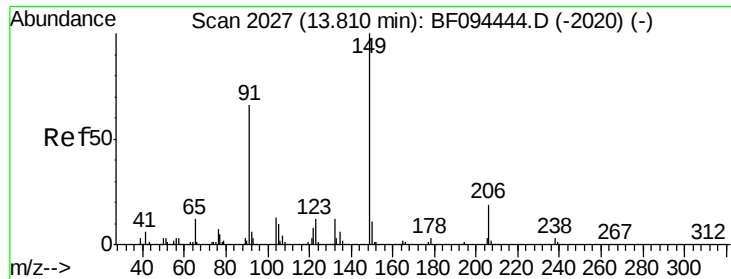
212 7.2 6.0 9.0

122 13.4 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





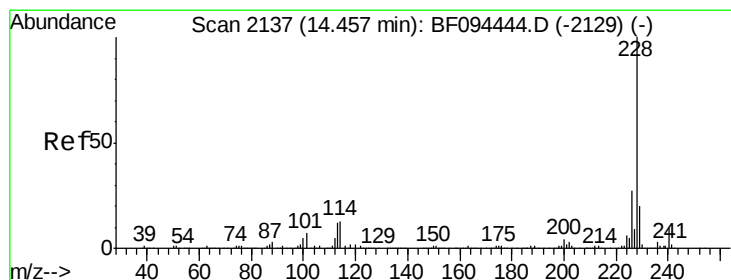
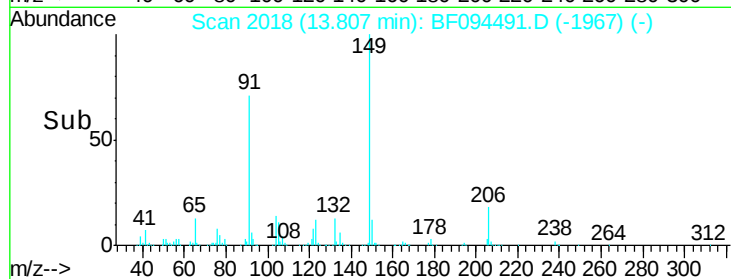
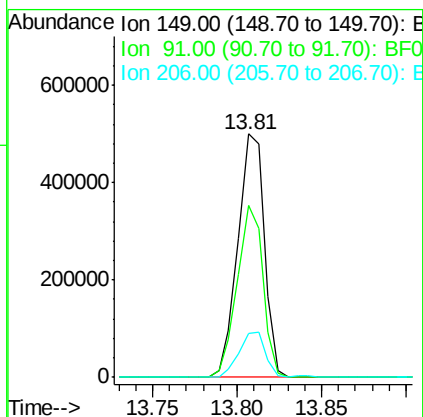
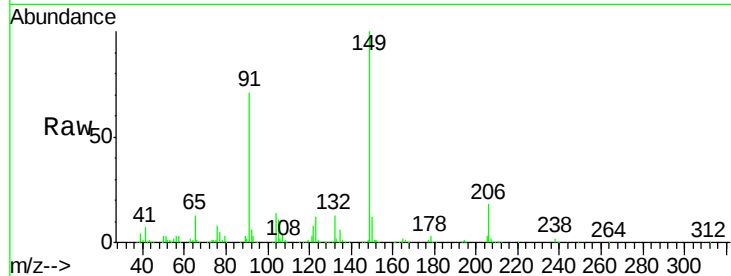
#79
Butylbenzylphthalate
Concen: 50.42 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	45.0	67.4#
206	18.2	17.0	25.6

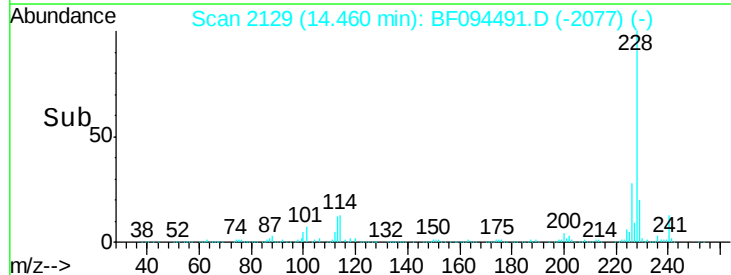
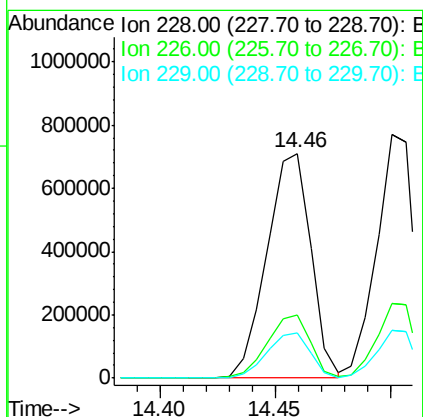
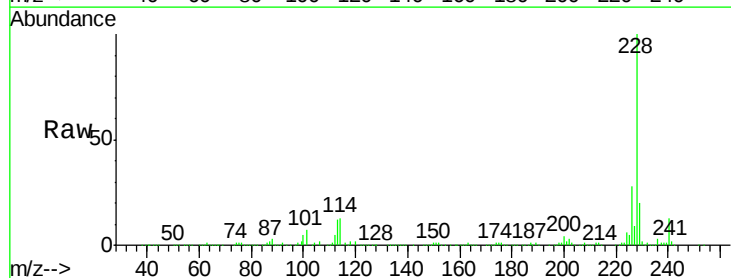
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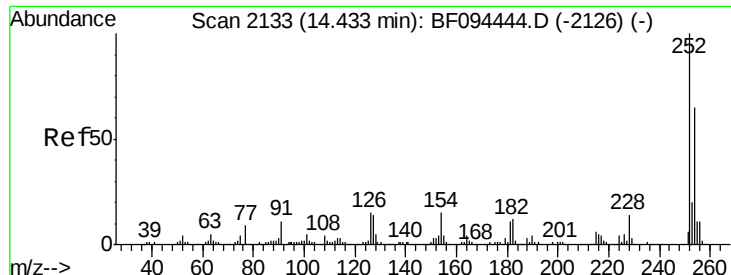
mohammad
4/19/2017 1:33:24 PM



#80
Benzo(a)anthracene
Concen: 45.33 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.4	16.3	24.5





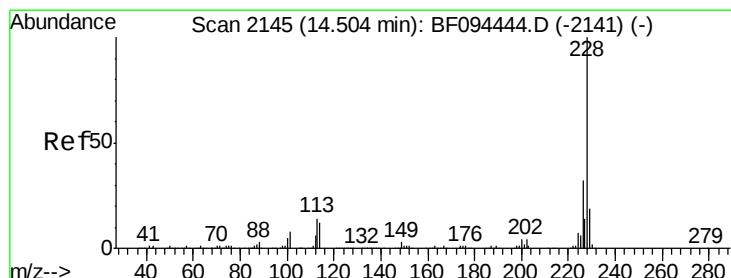
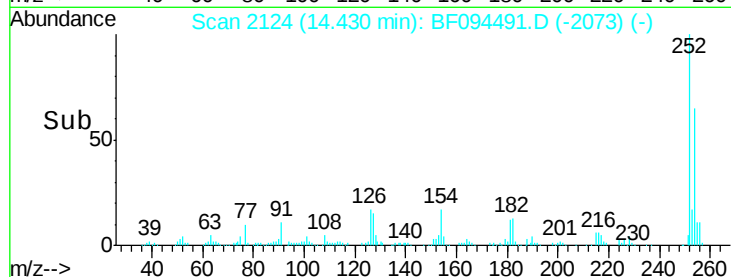
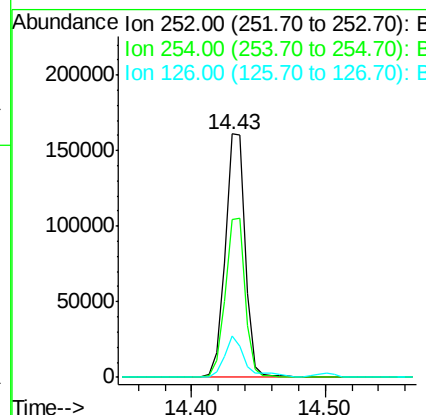
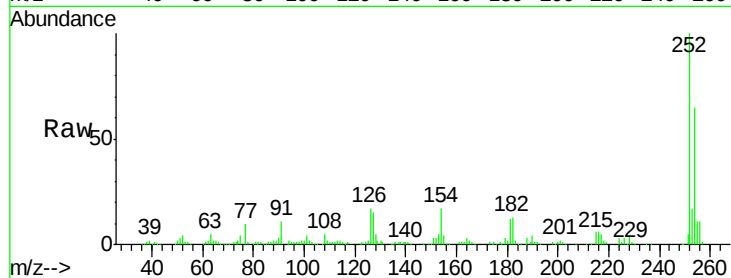
#81
 3,3'-Dichlorobenzidine
 Concen: 23.30 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	170900		
254	64.7	51.5	77.3	
126	17.0	15.8	23.8	

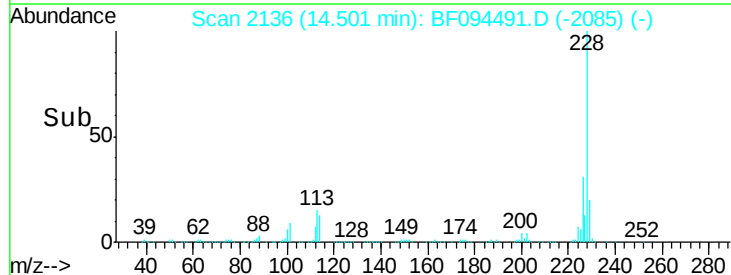
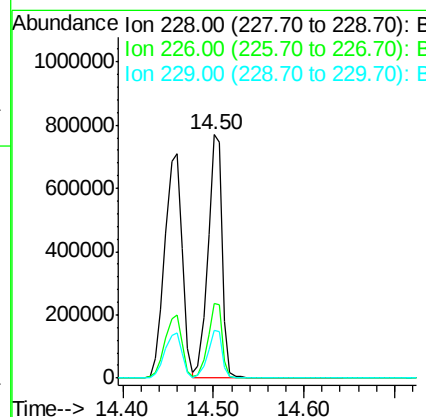
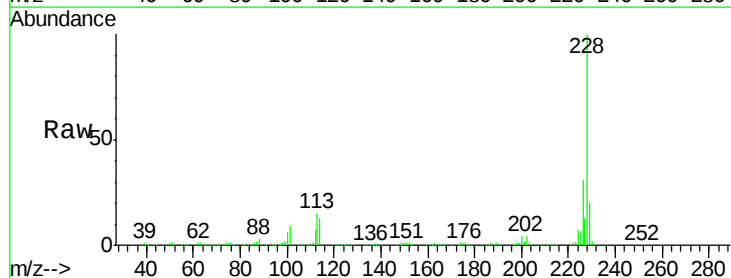
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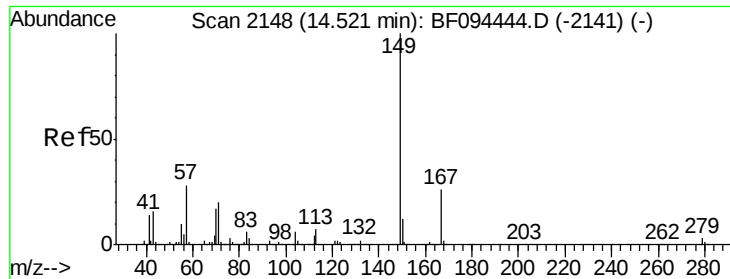
mohammad
 4/19/2017 1:33:24 PM



#82
 Chrysene
 Concen: 45.16 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	855193		
226	30.7	24.9	37.3	
229	19.6	15.8	23.6	





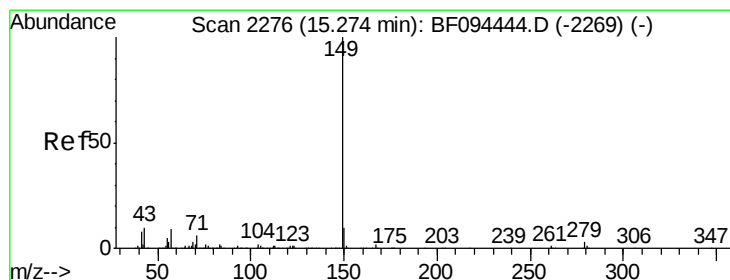
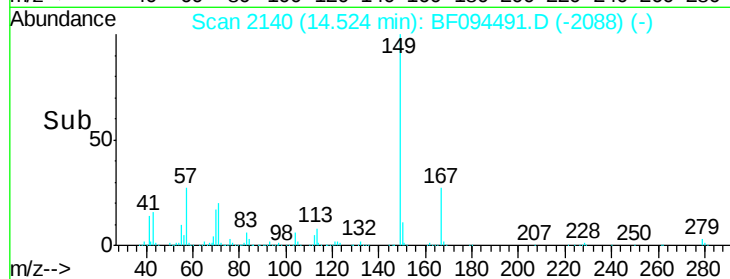
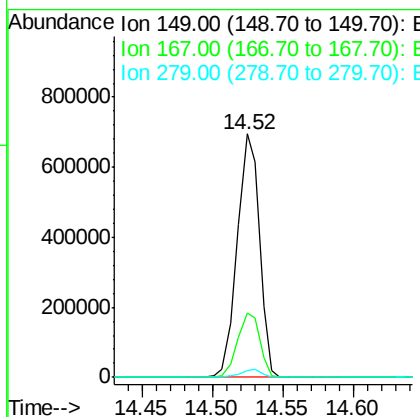
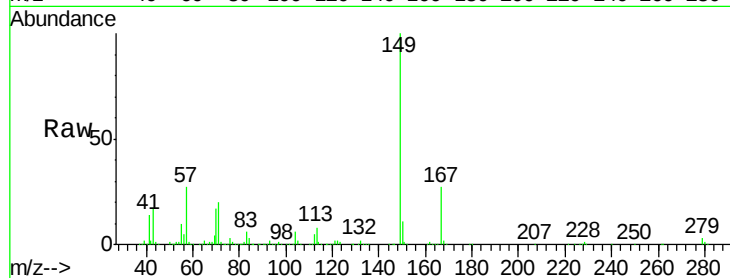
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.99 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Instrument :
 BNA_F
 ClientSampleId :
 PB98306BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.8	1.9	2.9

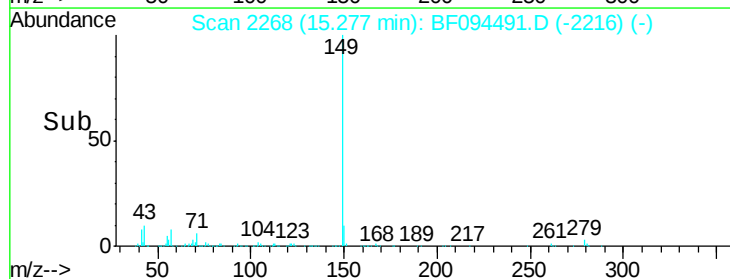
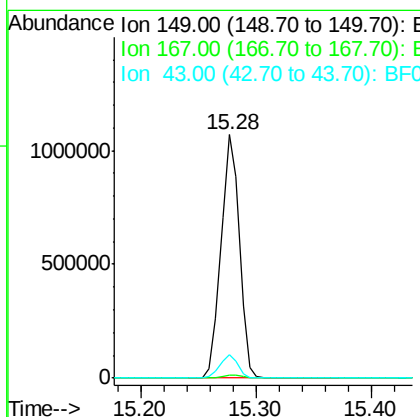
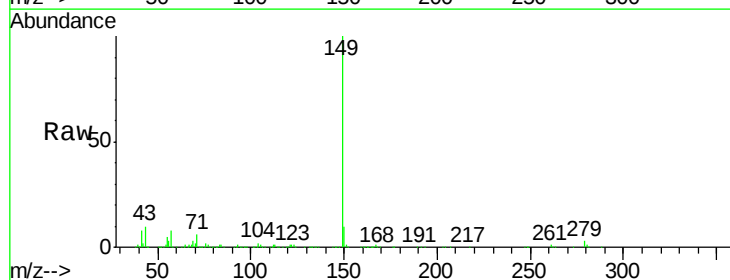
Manual Integrations
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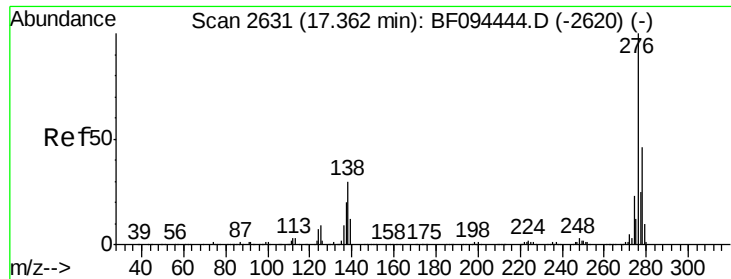
mohammad
 4/19/2017 1:33:24 PM



#84
 Di-n-octyl phthalate
 Concen: 48.08 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094491.D
 Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.5	12.7





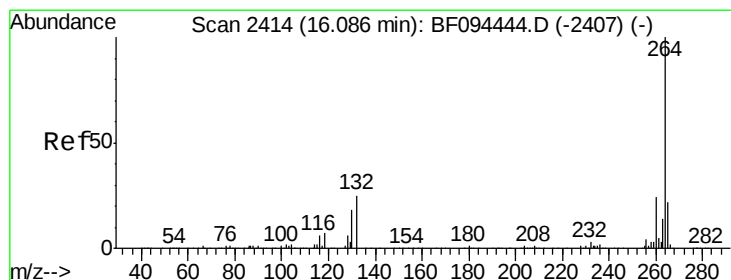
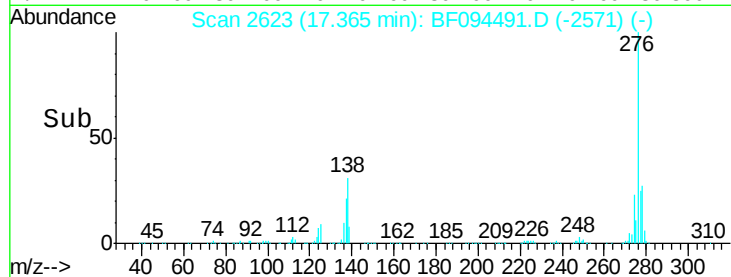
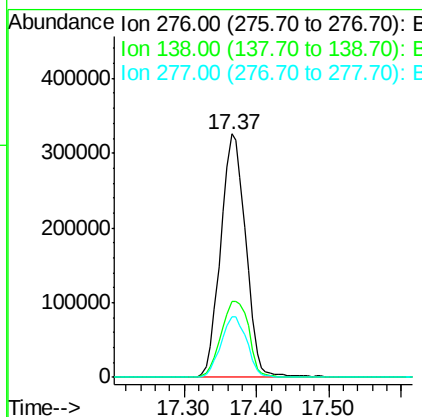
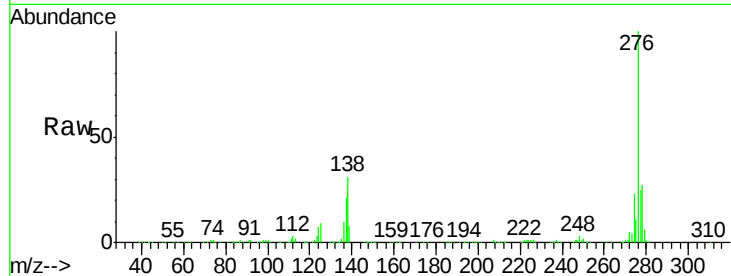
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.66 ng
RT: 17.37 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.8	20.2	30.4

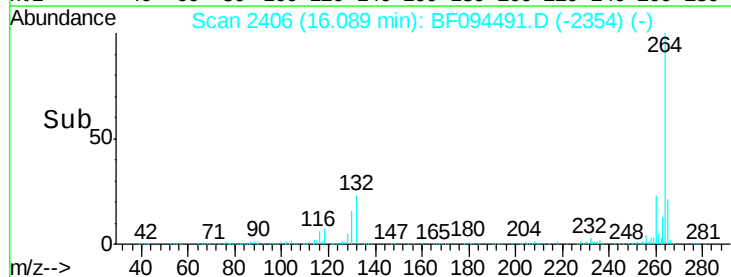
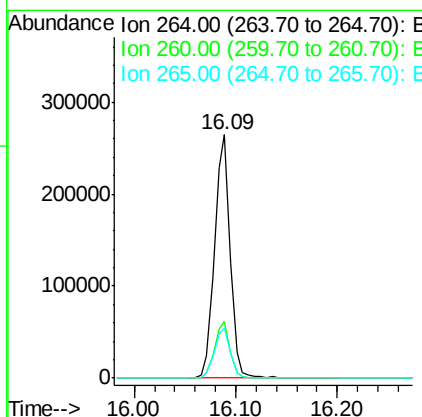
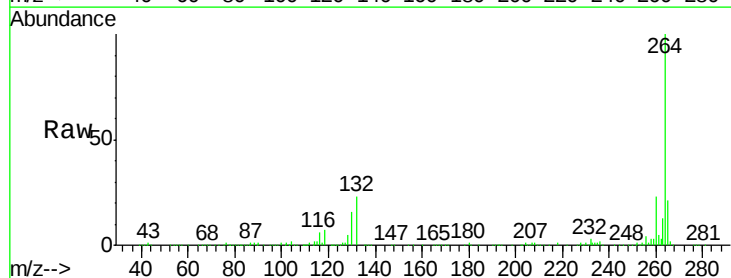
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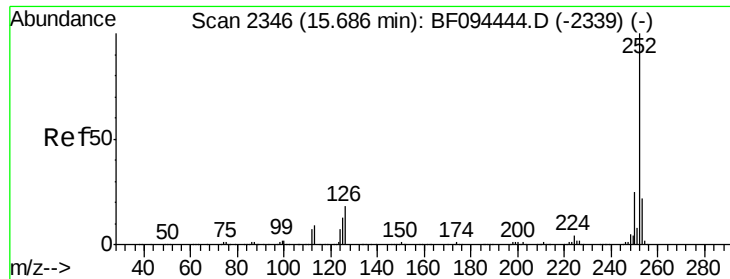
mohammad
4/19/2017 1:33:24 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.6	17.2	25.8





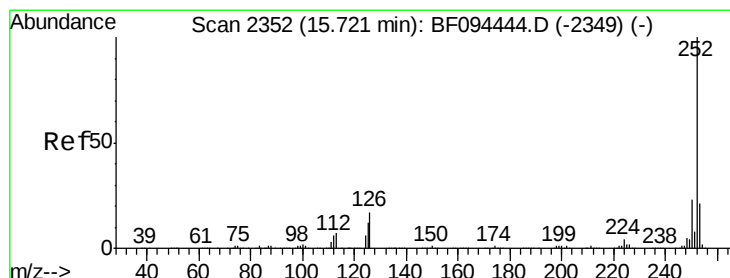
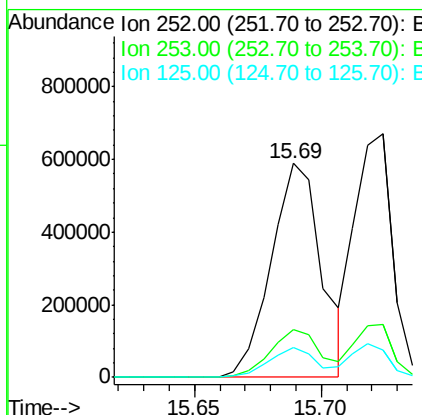
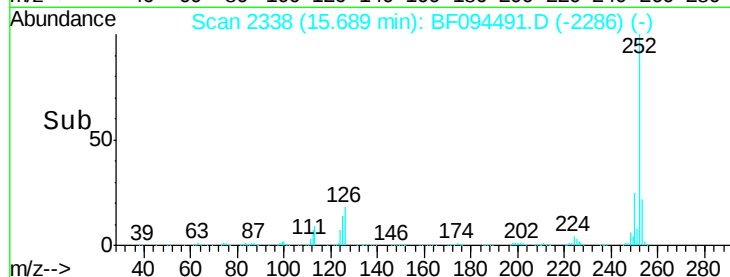
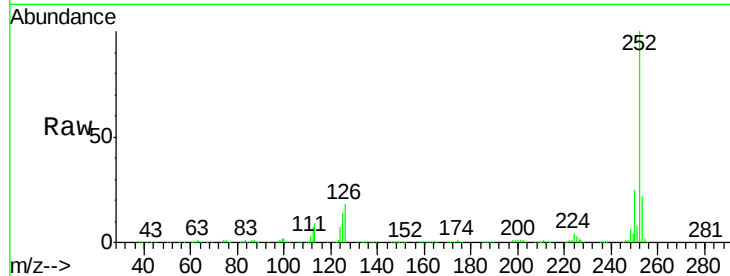
#87
Benzo(b)fluoranthene
Concen: 47.18 ng
RT: 15.69 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.9	9.8	14.8

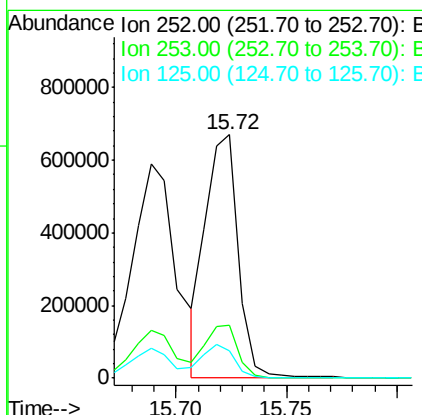
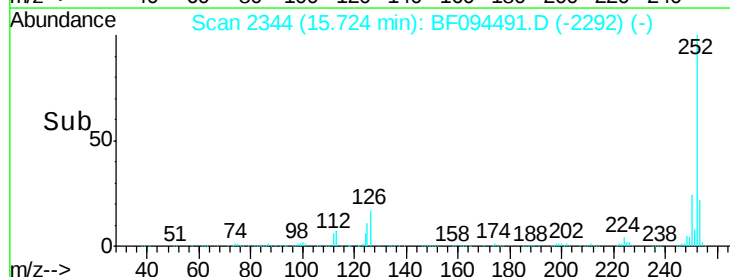
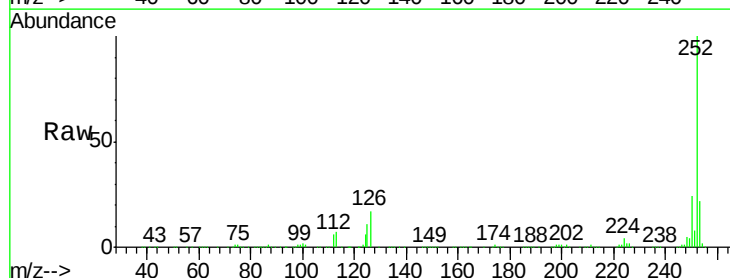
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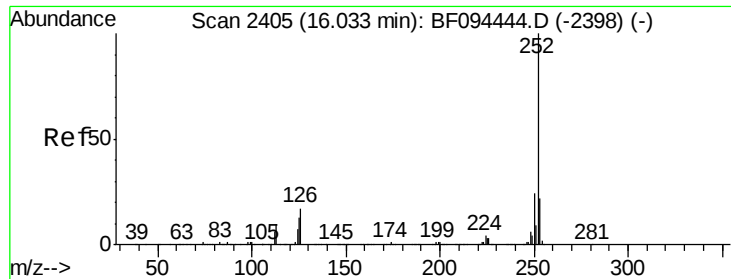
mohammad
4/19/2017 1:33:24 PM



#88
Benzo(k)fluoranthene
Concen: 43.15 ng m
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	11.2	13.1	19.7#





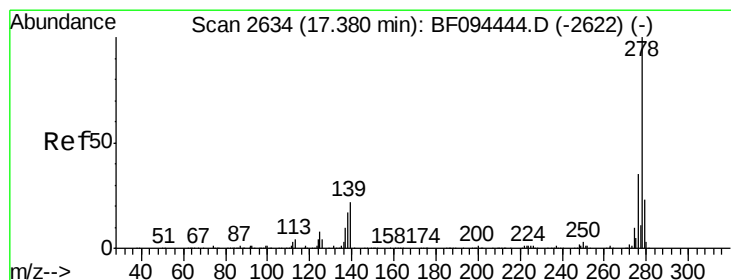
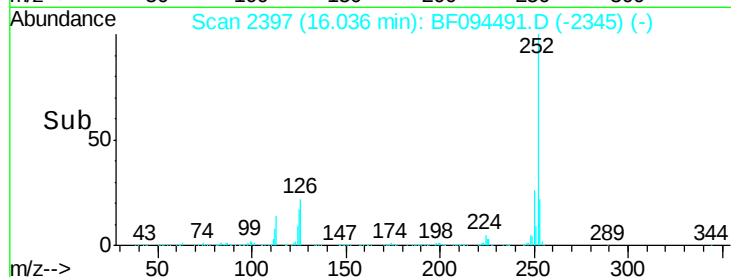
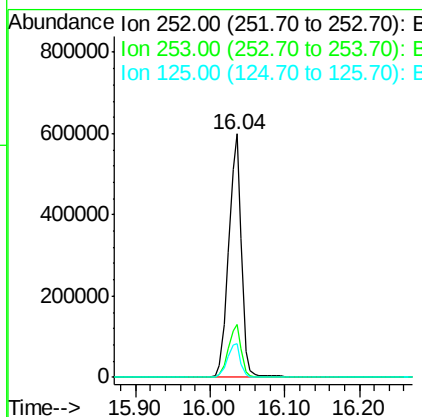
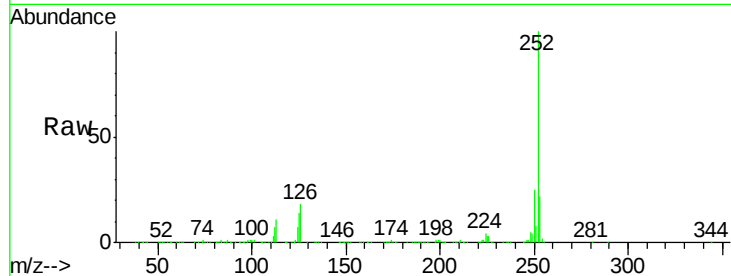
#89
Benzo(a)pyrene
Concen: 45.18 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Instrument :
BNA_F
ClientSampleId :
PB98306BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.0	11.0	16.4

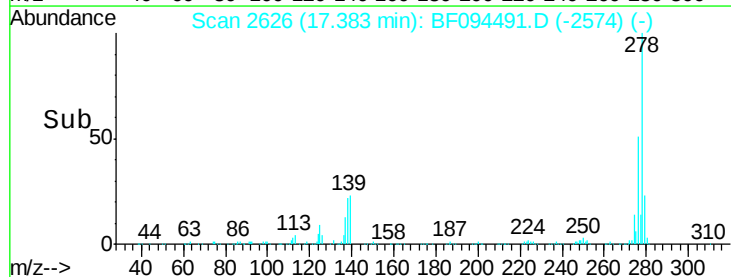
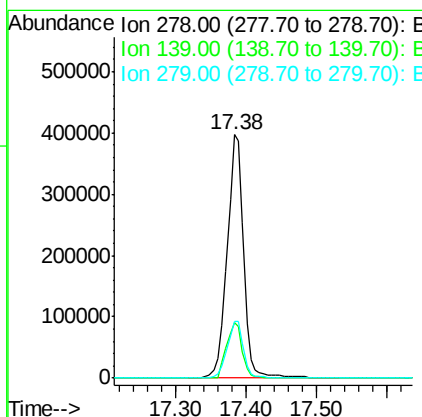
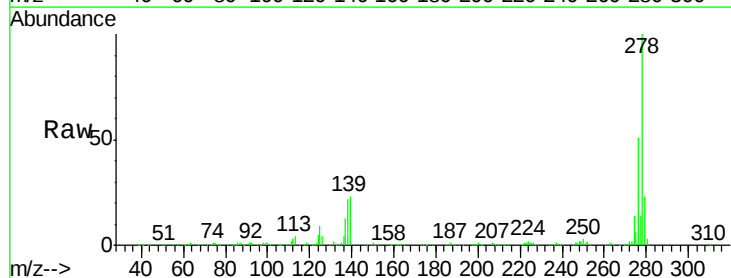
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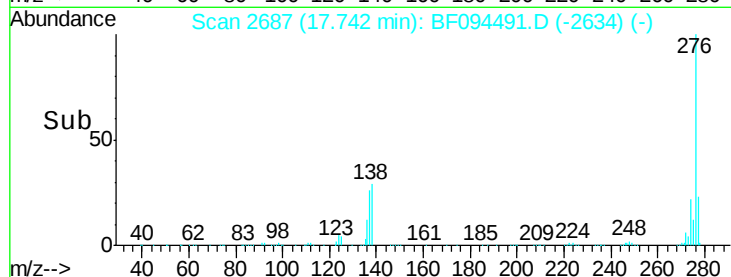
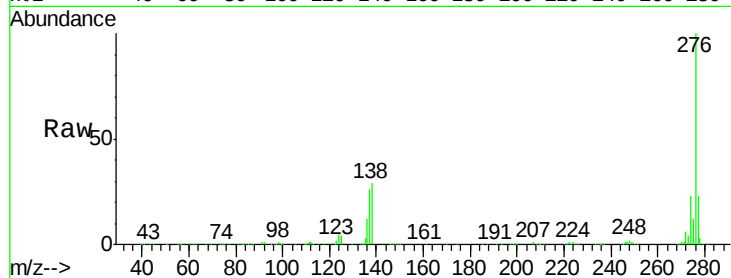
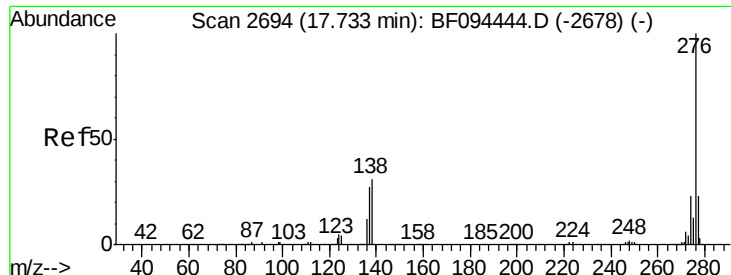
mohammad
4/19/2017 1:33:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.66 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094491.D
Acq: 18 Apr 2017 17:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.6	24.8
279	23.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 49.03 ng

RT: 17.74 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BF094491.D

Acq: 18 Apr 2017 17:31

Instrument :

BNA_F

ClientSampleId :

PB98306BS

Tot Ion:	276	Resp:	664951
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	29.4	25.4	38.0

Manual Integrations
APPROVED

mohammad
4/19/2017 1:33:24 PM

