

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094682.D
 Acq On : 28 Apr 2017 14:38
 Operator : SJ/MA
 Sample : PB98544BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Manual Integrations
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 5/1/2017 6:35:07 PM

Quant Time: Apr 28 18:55:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99863	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	409843	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	190625	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	333954	20.00	ng	0.00
75) Chrysene-d12	14.47	240	266726	20.00	ng	0.00
86) Perylene-d12	16.09	264	195089	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.34	112	987201	164.01	ng	0.04
7) Phenol-d6	5.41	99	1193667	168.21	ng	0.01
23) Nitrobenzene-d5	6.42	82	730649	110.08	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	253829	170.24	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1351249	104.30	ng	0.00
78) Terphenyl-d14	13.20	244	1200687	120.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	124605	35.60	ng	96
3) Pyridine	2.71	79	359631	47.01	ng	99
4) n-Nitrosodimethylamine	2.65	42	160886	50.82	ng	88
6) Aniline	5.41	93	245776	26.06	ng	# 38
8) 2-Chlorophenol	5.55	128	378596	55.27	ng	96
9) Benzaldehyde	5.28	77	99092	18.36	ng	96
10) Phenol	5.42	94	450728	51.70	ng	99
11) bis(2-Chloroethyl)ether	5.49	93	354764	55.71	ng	97
12) 1,3-Dichlorobenzene	5.71	146	403299	53.15	ng	98
13) 1,4-Dichlorobenzene	5.80	146	409960	53.70	ng	97
14) 1,2-Dichlorobenzene	5.97	146	371462	52.82	ng	96
15) Benzyl Alcohol	5.95	79	286248	54.38	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	449751	53.87	ng	# 45
17) 2-Methylphenol	6.10	107	302888	56.15	ng	94
18) Hexachloroethane	6.35	117	141129	53.92	ng	90
19) n-Nitroso-di-n-propylamine	6.27	70	258502	54.98	ng	94
20) 3+4-Methylphenols	6.28	107	412220	56.23	ng	# 62
22) Acetophenone	6.25	105	528447	53.03	ng	# 85
24) Nitrobenzene	6.45	77	373927	53.50	ng	94
25) Isophorone	6.74	82	667551	54.26	ng	95
26) 2-Nitrophenol	6.82	139	213537	56.87	ng	98
27) 2,4-Dimethylphenol	6.90	122	332621	54.53	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	433345	54.45	ng	99
29) 2,4-Dichlorophenol	7.12	162	325646	57.39	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	312680	53.30	ng	99
31) Naphthalene	7.29	128	1038345	52.70	ng	99
32) Benzoic acid	7.09	122	188961	58.58	ng	95
33) 4-Chloroaniline	7.38	127	80727	9.85	ng	# 93
34) Hexachlorobutadiene	7.44	225	158091	54.05	ng	99
35) Caprolactam	7.85	113	112392m	63.05	ng	
36) 4-Chloro-3-methylphenol	8.00	107	338425	56.91	ng	92
37) 2-Methylnaphthalene	8.13	142	727949	54.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	283166	52.17	ng	99
40) Hexachlorocyclopentadiene	8.32	237	266259	121.25	ng	99

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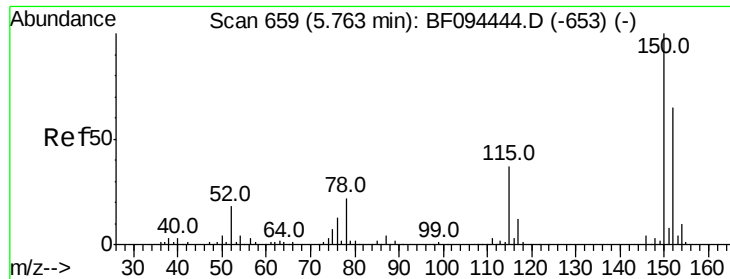
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	213463	56.00	nq	100
43) 2,4,5-Trichlorophenol	8.55	196	218181	55.74	nq	# 92
45) 1,1'-Biphenyl	8.71	154	833753	53.53	nq	99
46) 2-Chloronaphthalene	8.72	162	663281	53.56	nq	95
47) 2-Nitroaniline	8.87	65	184025	51.66	nq	# 83
48) Acenaphthylene	9.22	152	1038748	53.81	nq	99
49) Dimethylphthalate	9.10	163	807726	56.86	nq	100
50) 2,6-Dinitrotoluene	9.17	165	177286	55.60	nq	94
51) Acenaphthene	9.44	154	614036	53.10	nq	99
52) 3-Nitroaniline	9.38	138	69668	18.88	nq	91
53) 2,4-Dinitrophenol	9.52	184	166990	95.32	nq	# 63
54) Dibenzofuran	9.65	168	910093	54.15	nq	96
55) 4-Nitrophenol	9.65	139	318460m	122.19	nq	
56) 2,4-Dinitrotoluene	9.67	165	236307	60.40	nq	# 90
57) Fluorene	10.08	166	696308	53.21	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	163779	58.37	nq	94
59) Diethylphthalate	9.97	149	753434	56.21	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	300969	55.26	nq	90
61) 4-Nitroaniline	10.14	138	166664	44.44	nq	96
62) Azobenzene	10.28	77	715634	54.99	nq	95
64) 4,6-Dinitro-2-methylphenol	10.18	198	119248	54.50	nq	# 68
65) n-Nitrosodiphenylamine	10.24	169	651341	56.08	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	187054	56.41	nq	97
67) Hexachlorobenzene	10.75	284	190085	56.88	nq	# 89
68) Atrazine	10.91	200	196504	56.56	nq	97
69) Pentachlorophenol	11.01	266	171422	129.18	nq	98
70) Phenanthrene	11.25	178	1026823	54.60	nq	99
71) Anthracene	11.32	178	1070058	55.01	nq	98
72) Carbazole	11.52	167	977396	53.53	nq	98
73) Di-n-butylphthalate	11.97	149	1192157	59.30	nq	99
74) Fluoranthene	12.71	202	1058700	54.32	nq	99
76) Benzidine	12.89	184	354500	32.83	nq	# 92
77) Pyrene	12.99	202	1078440	57.87	nq	99
79) Butylbenzylphthalate	13.81	149	506076	61.97	nq	# 86
80) Benzo(a)anthracene	14.46	228	867224	55.94	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	149527	27.25	nq	# 97
82) Chrysene	14.51	228	774775	54.68	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	683060	62.29	nq	# 98
84) Di-n-octyl phthalate	15.28	149	1096328	59.61	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	612956	45.47	nq	100
87) Benzo(b)fluoranthene	15.70	252	714270	59.85	nq	97
88) Benzo(k)fluoranthene	15.73	252	648210	57.40	nq	# 94
89) Benzo(a)pyrene	16.04	252	617781	55.64	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	508768	55.19	nq	99
91) Benzo(g,h,i)perylene	17.76	276	506034	53.91	nq	98

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



#1

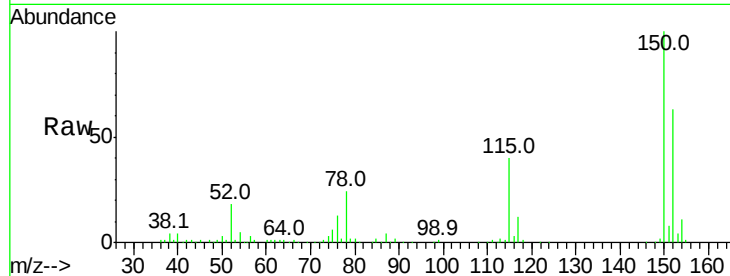
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

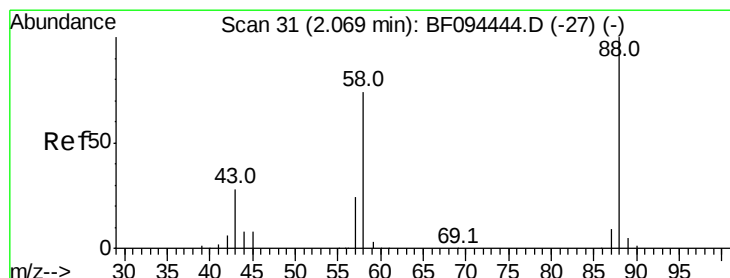
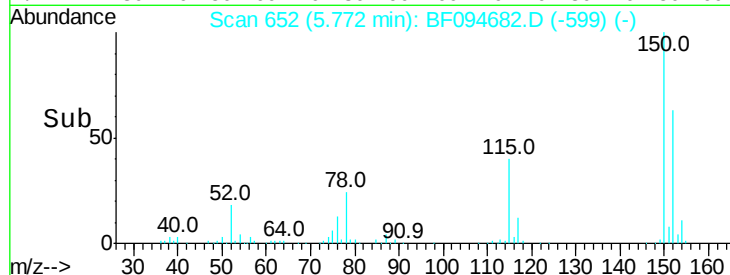
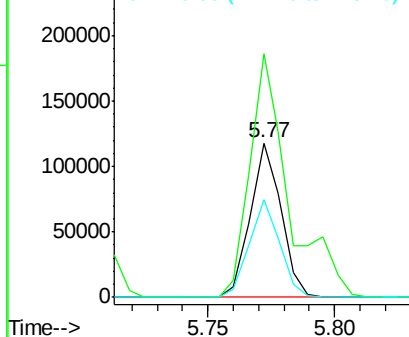
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	63.0	52.2	78.2

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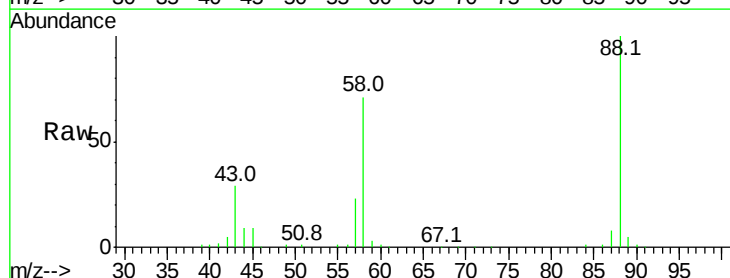
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



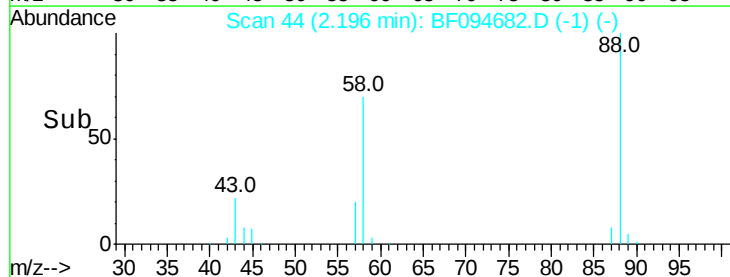
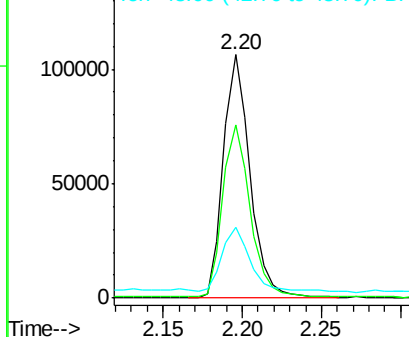
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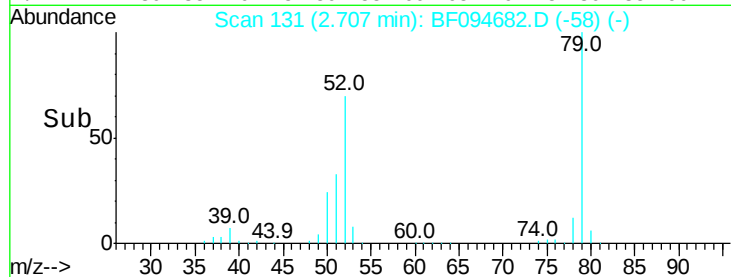
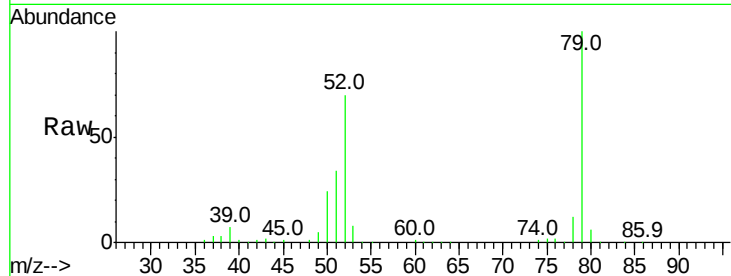
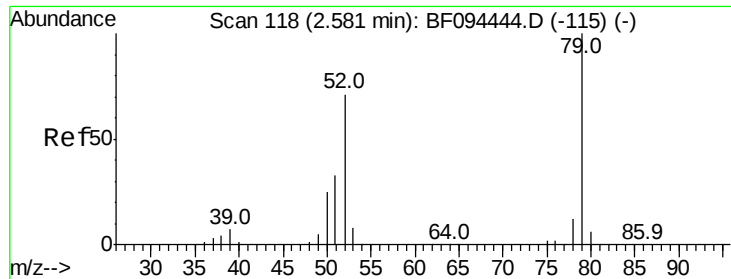
1,4-Dioxane
Concen: 35.60 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.13 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	61.4	92.0
43	28.1	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





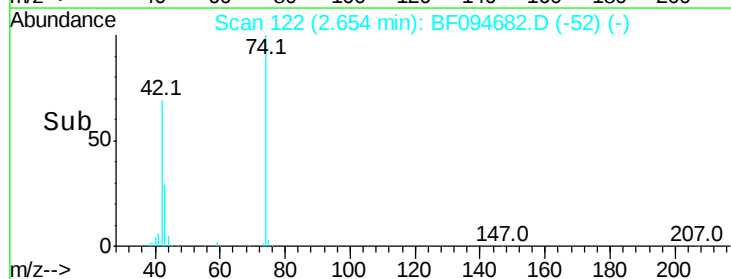
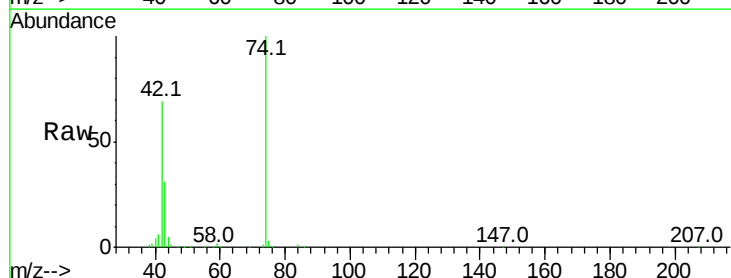
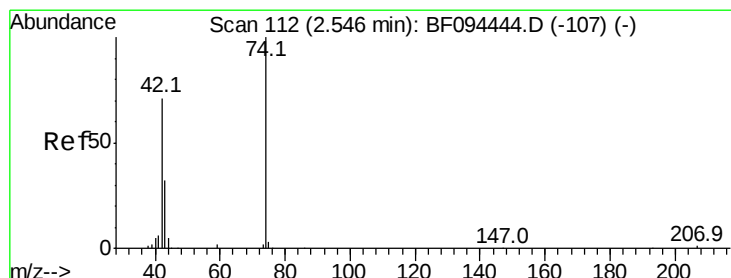
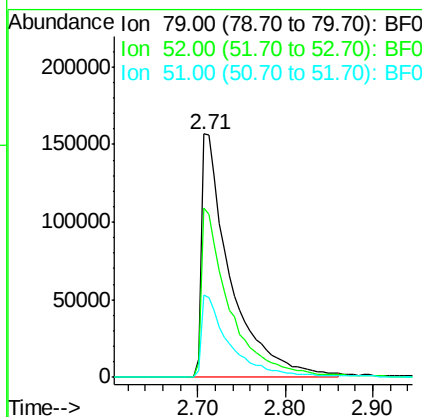
#3
Pvridine
Concen: 47.01 ng
RT: 2.71 min Scan# 131
Delta R.T. 0.13 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		359631		
52	69.7	54.8		82.2	
51	33.8	27.0		40.4	

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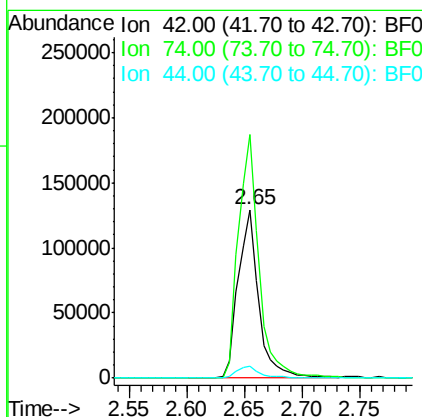
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#4
n-Nitrosodimethylamine
Concen: 50.82 ng
RT: 2.65 min Scan# 122
Delta R.T. 0.11 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		160886		
74	144.8	103.9		155.9	
44	7.3	5.7		8.5	





#5

2-Fluorophenol

Concen: 164.01 ng

RT: 4.34 min Scan# 409

Delta R.T. 0.04 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

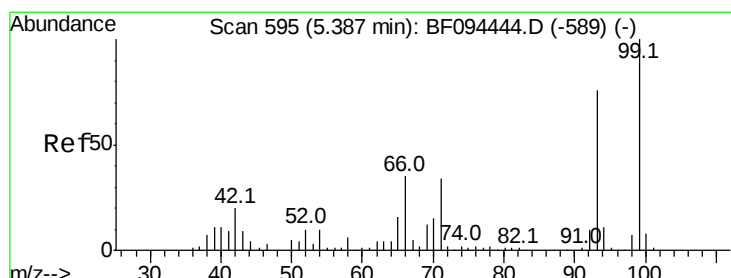
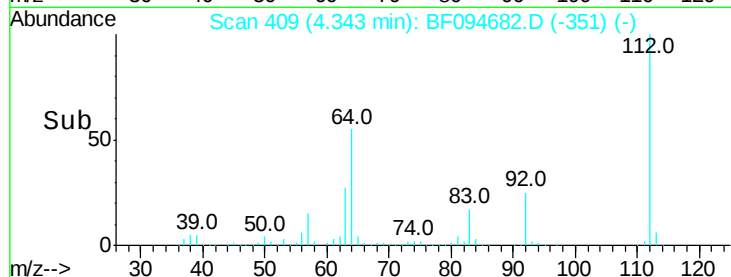
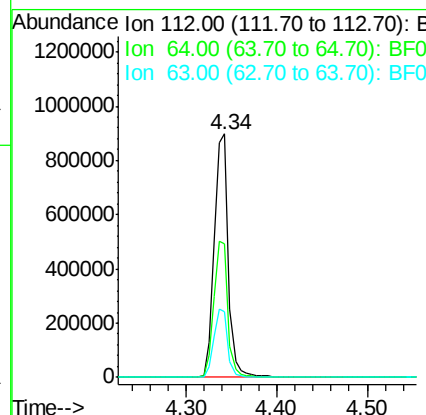
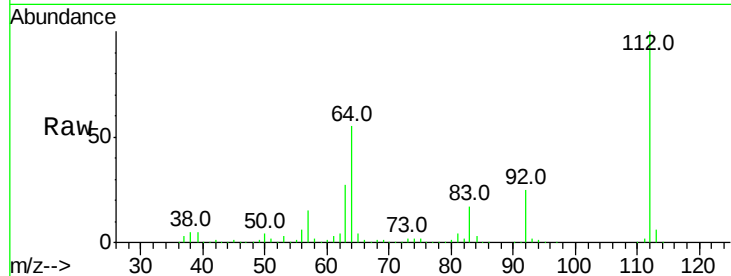
ClientSampleID :

PB98544BS

Tot Ion:	112	Resp:	987201
Ion Ratio	Lower	Upper	
112	100		
64	54.9	46.0	69.0
63	27.2	23.4	35.0

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#6

Aniline

Concen: 26.06 ng

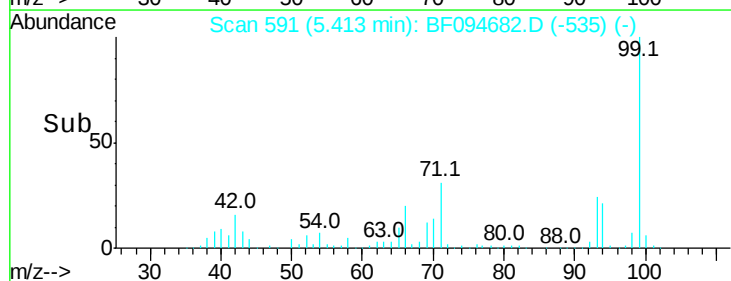
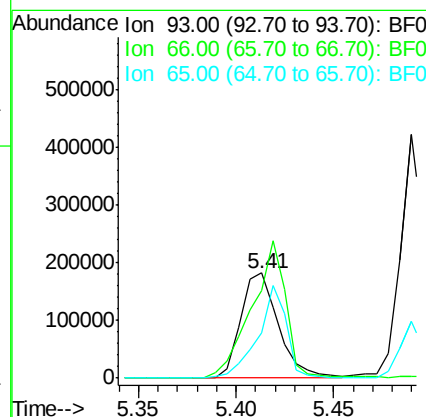
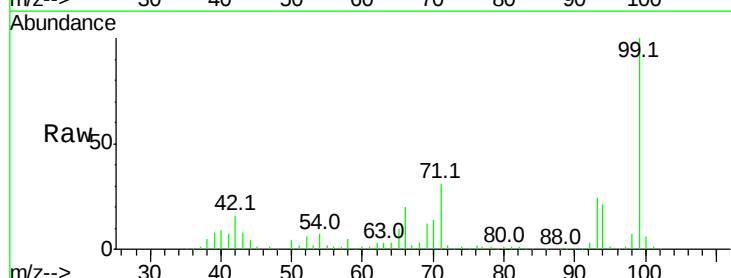
RT: 5.41 min Scan# 591

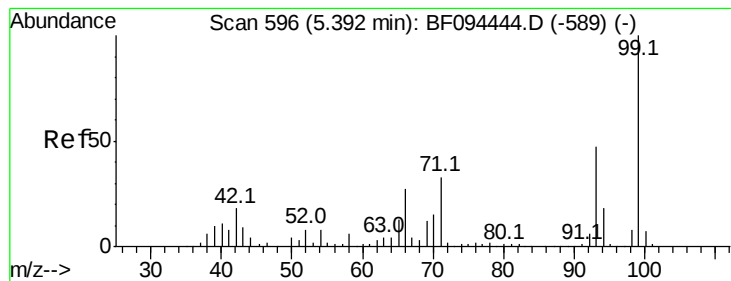
Delta R.T. 0.03 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:	93	Resp:	245776
Ion Ratio	Lower	Upper	
93	100		
66	83.6	32.9	49.3#
65	43.4	16.0	24.0#





#7

Phenol-d6

Concen: 168.21 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB98544BS

Tot Ion: 99 Resp: 1193667

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

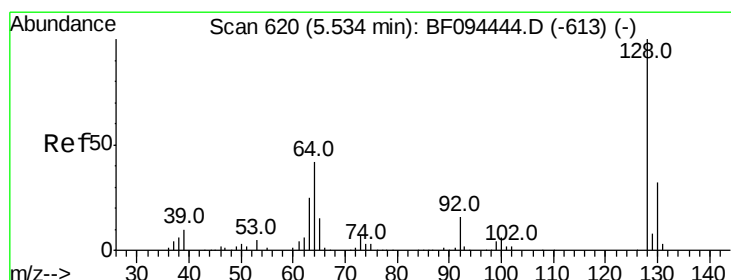
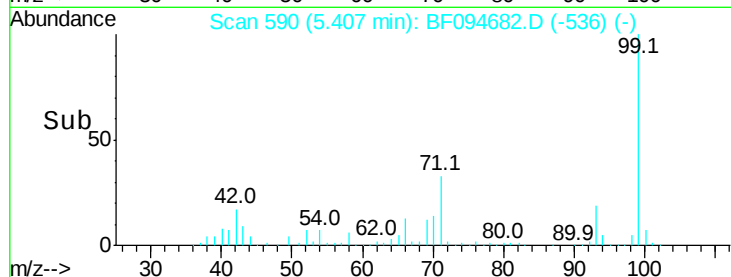
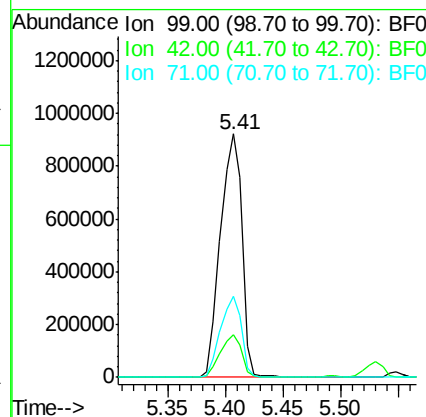
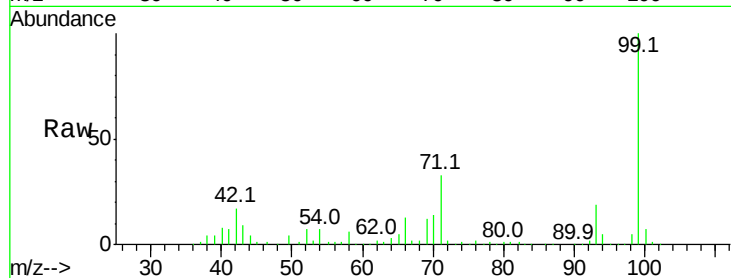
71 33.2 24.5 36.7

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#8

2-Chlorophenol

Concen: 55.27 ng

RT: 5.55 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

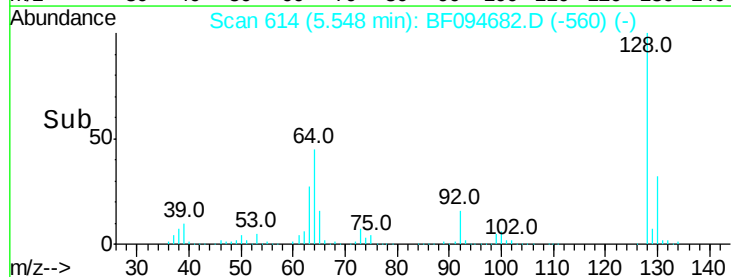
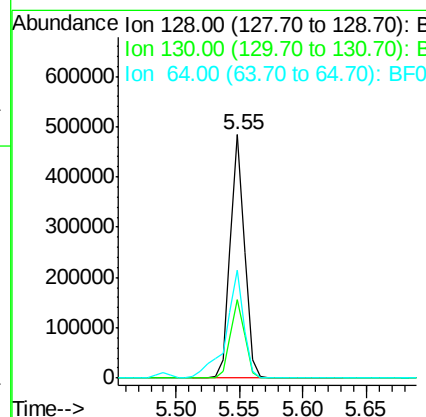
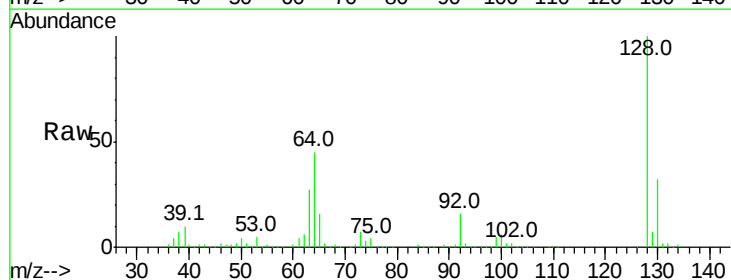
Tgt Ion: 128 Resp: 378596

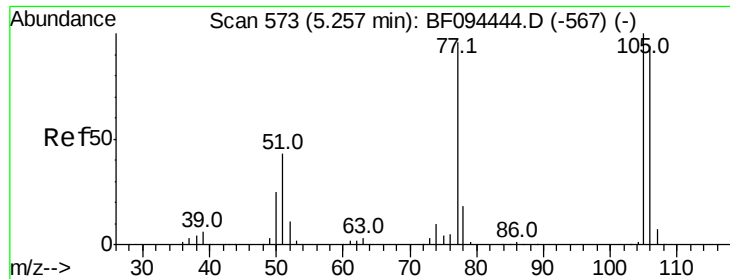
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 44.5 28.4 68.4





#9

Benzaldehyde

Concen: 18.36 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB98544BS

Tot Ion: 77 Resp: 99092

Ion Ratio Lower Upper

77 100

105 108.4 83.8 123.8

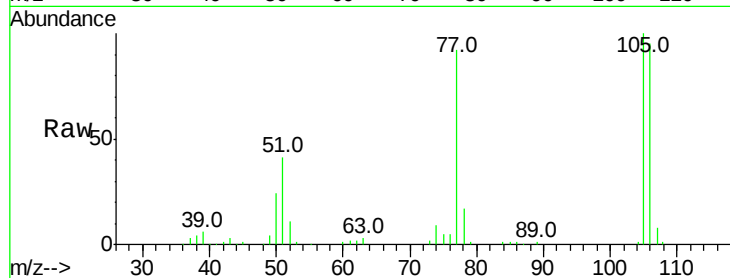
106 102.7 79.1 119.1

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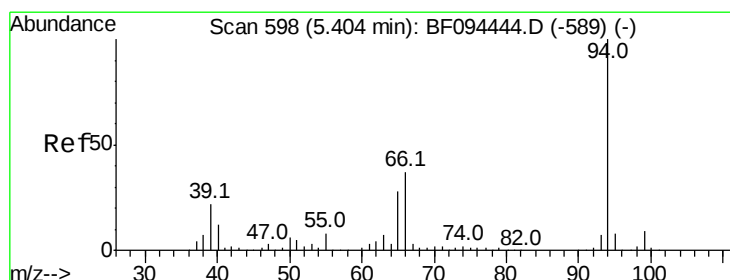
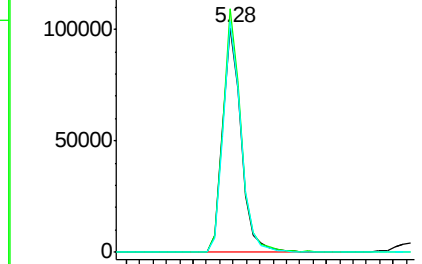
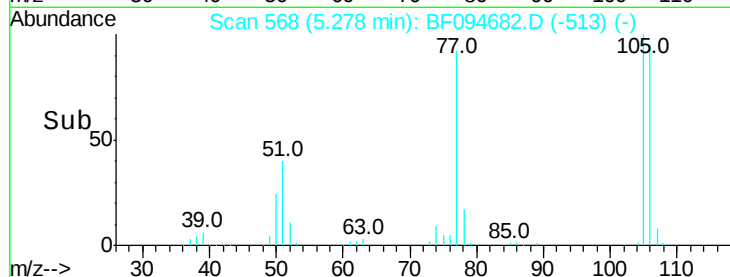
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.70 ng

RT: 5.42 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

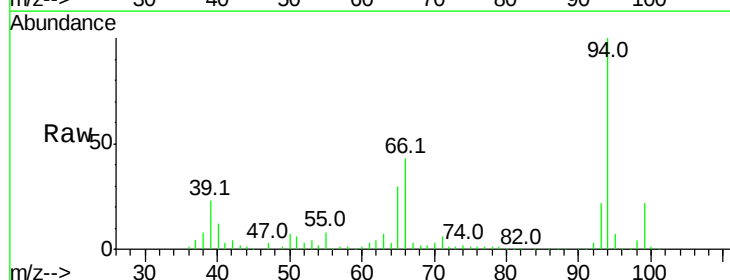
Tgt Ion: 94 Resp: 450728

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

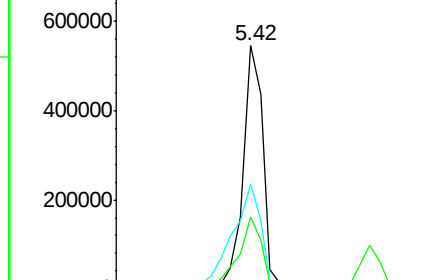
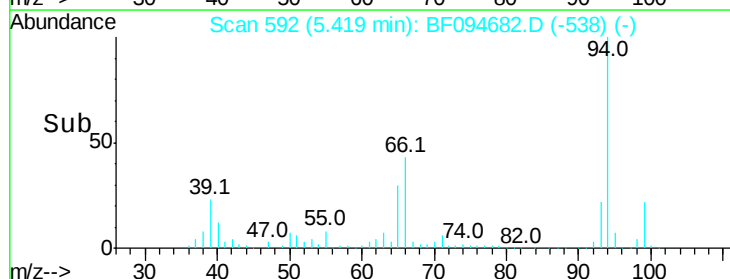
66 43.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





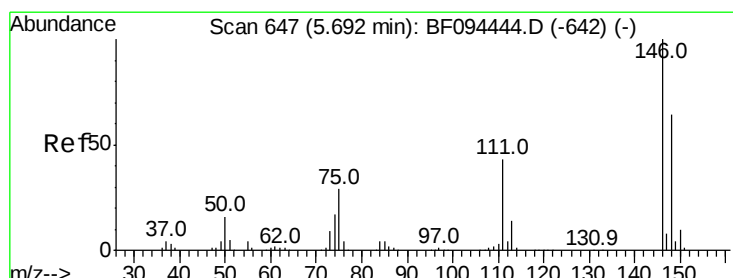
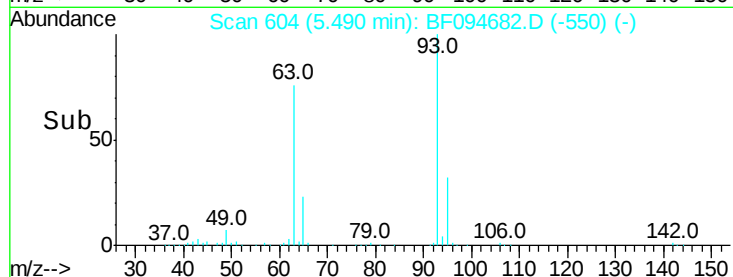
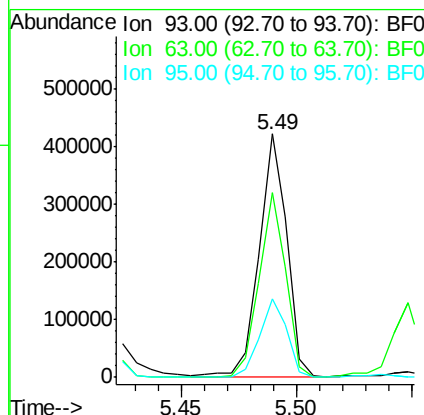
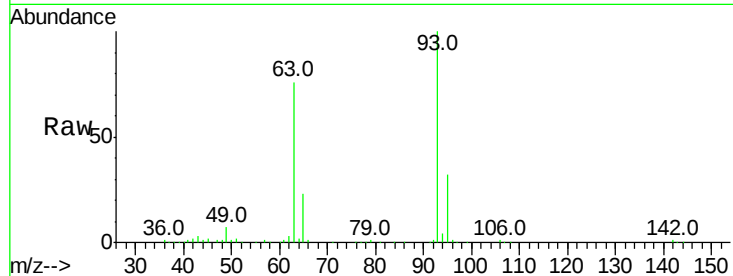
#11
bis(2-Chloroethyl)ether
Concen: 55.71 ng
RT: 5.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	59.2	99.2
95	32.0	12.8	52.8

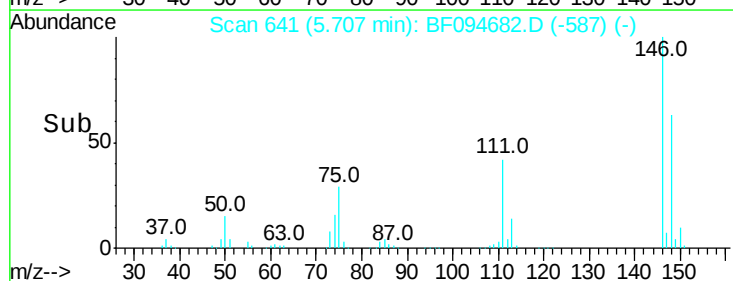
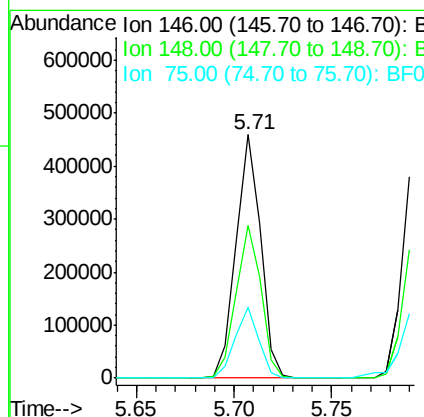
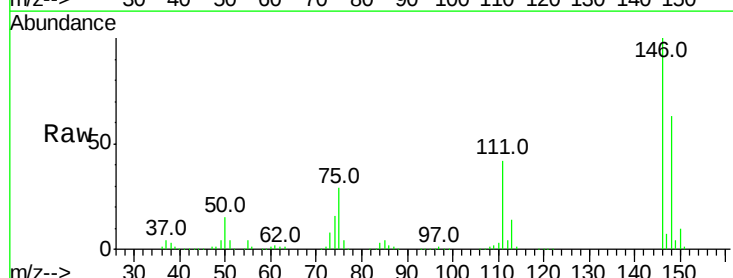
Manual Integrations
APPROVED

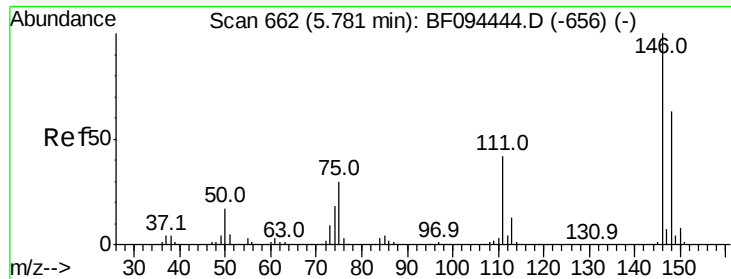
mohammad
5/1/2017 6:35:07 PM



#12
1,3-Dichlorobenzene
Concen: 53.15 ng
RT: 5.71 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
75	29.0	23.1	34.7





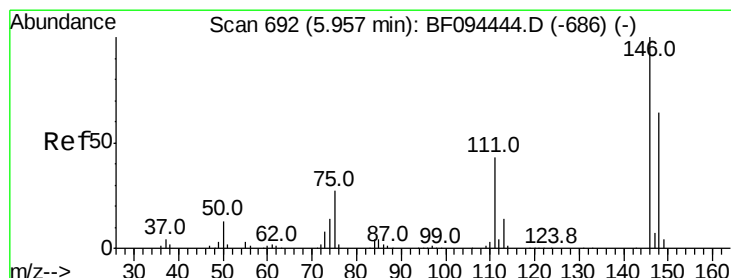
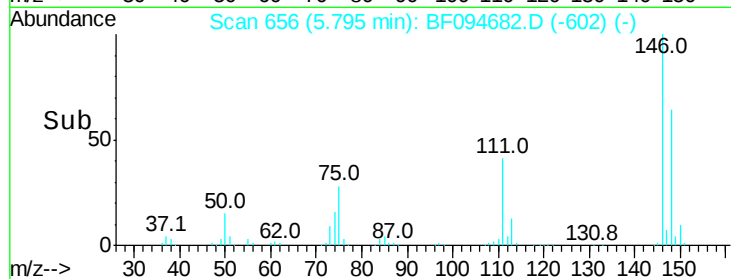
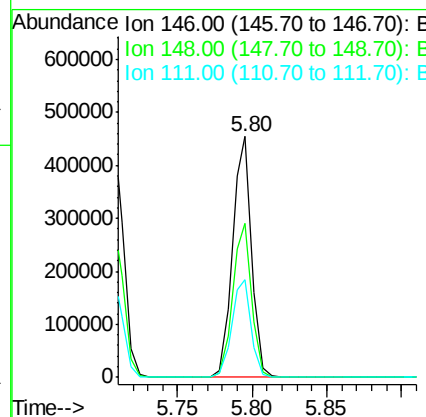
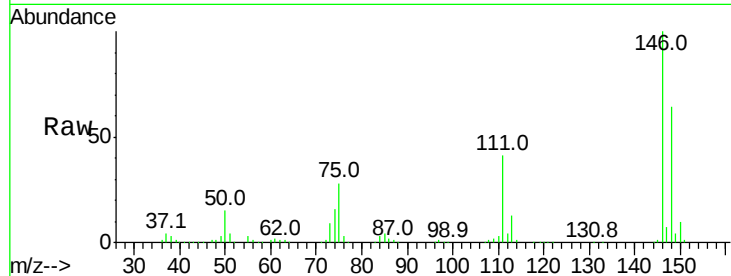
#13
 1,4-Dichlorobenzene
 Concen: 53.70 ng
 RT: 5.80 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	40.6	30.3	45.5

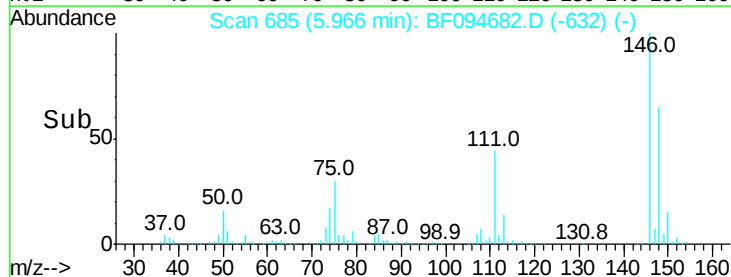
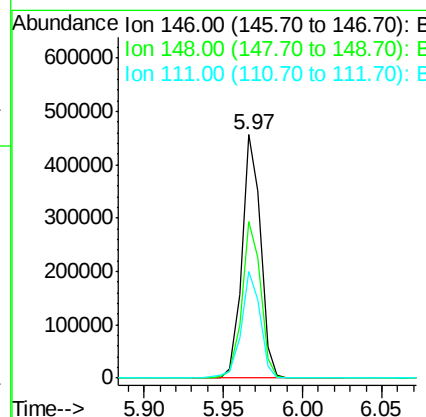
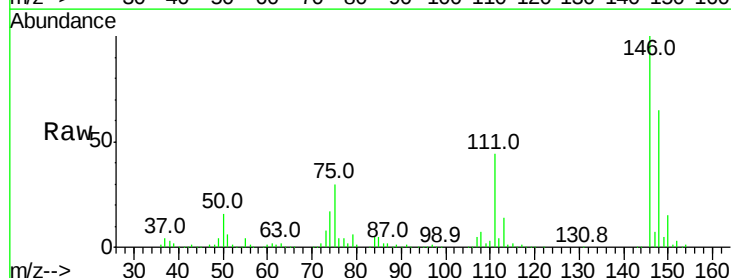
Manual Integrations
 APPROVED

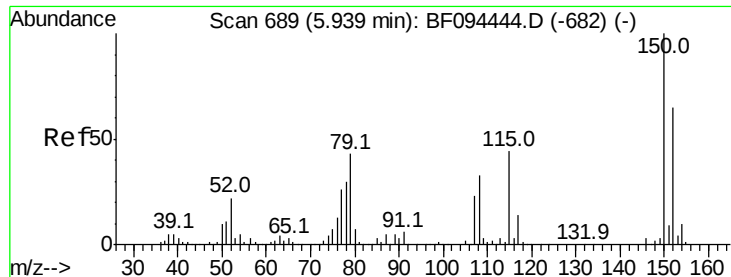
mohammad
 5/1/2017 6:35:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 52.82 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	43.8	38.2	57.4





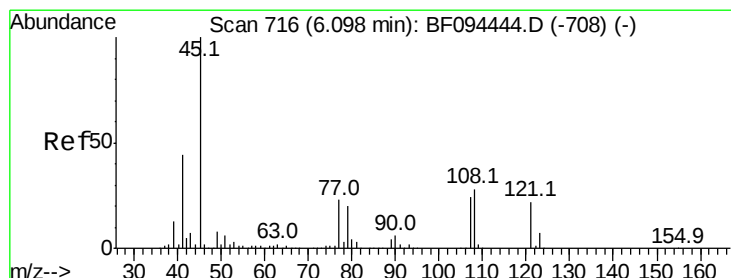
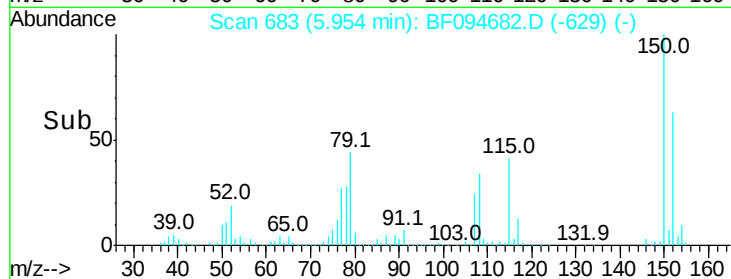
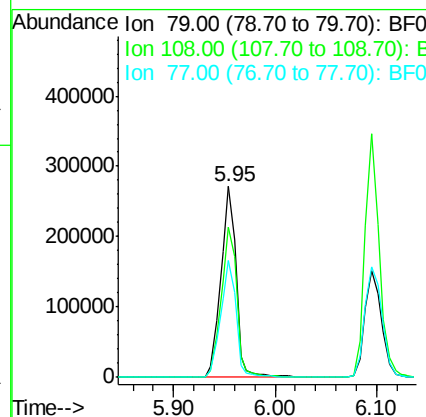
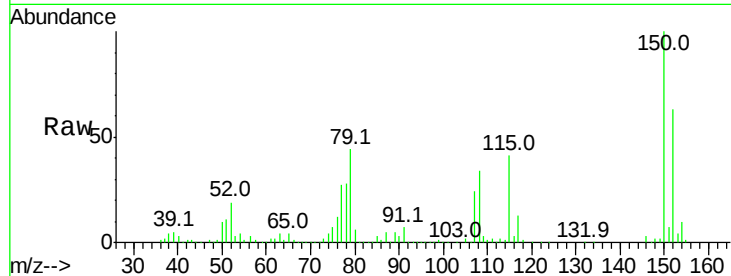
#15
Benzyl Alcohol
Concen: 54.38 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleID :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.6	63.4	95.0	
77	60.9	49.2	73.8	

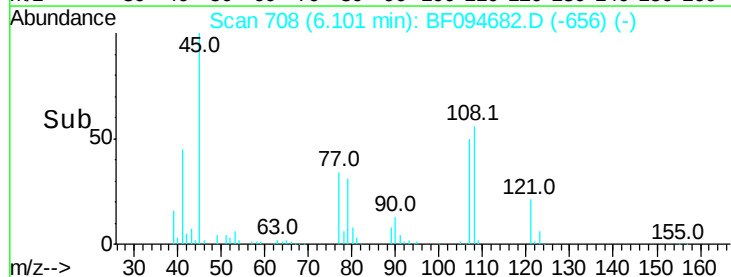
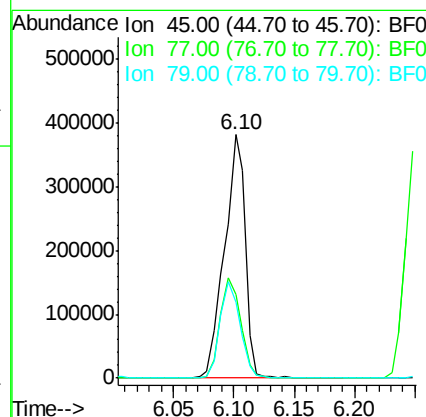
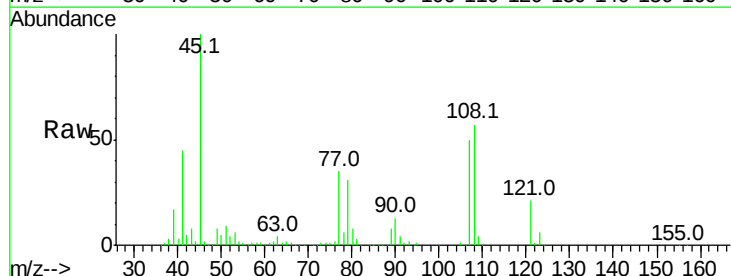
Manual Integrations
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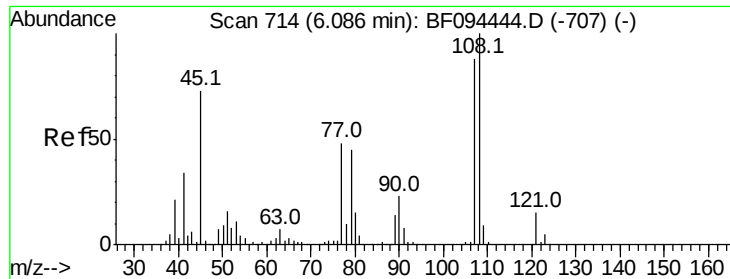
mohammad
5/1/2017 6:35:07 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.87 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	34.5	0.0	33.2#	
79	31.1	0.0	30.0#	





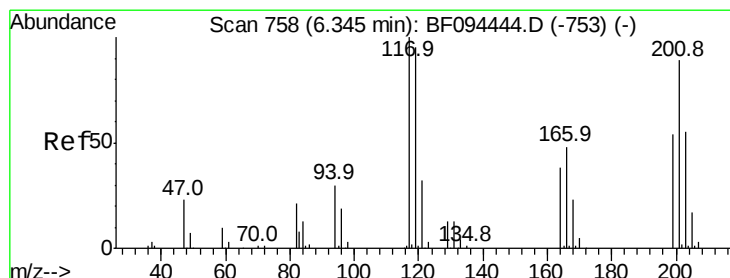
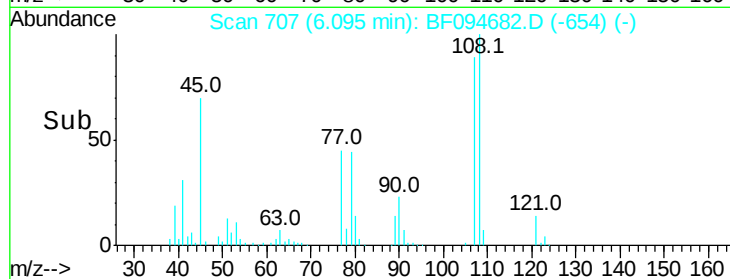
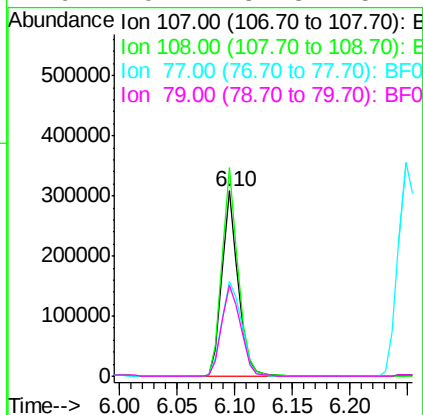
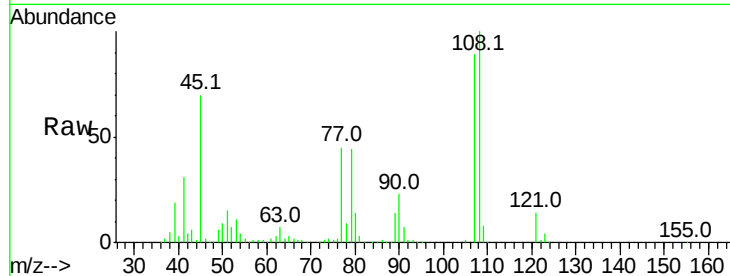
#17
2-Methylphenol
Concen: 56.15 ng
RT: 6.10 min Scan# 707
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.4	140.0	
77	51.0	35.8	53.6	
79	49.4	34.8	52.2	

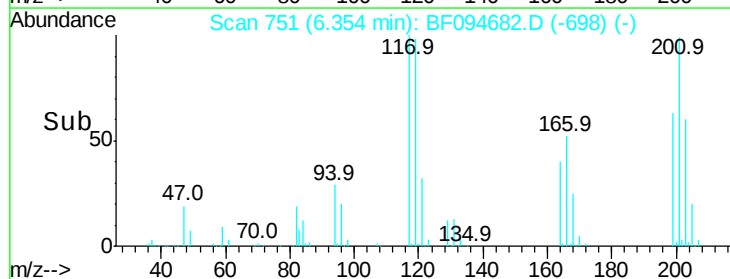
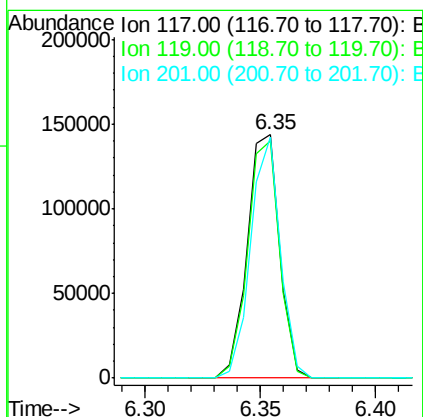
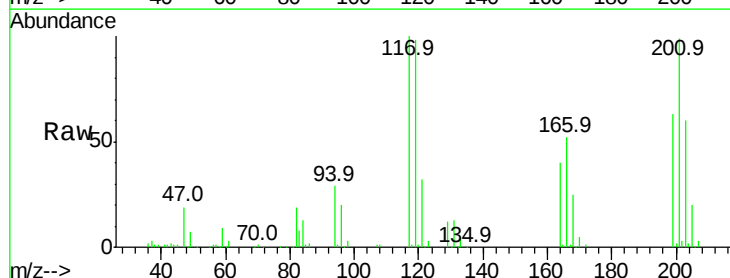
Manual Integrations
APPROVED

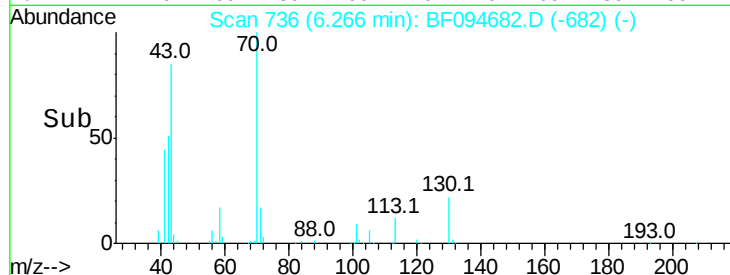
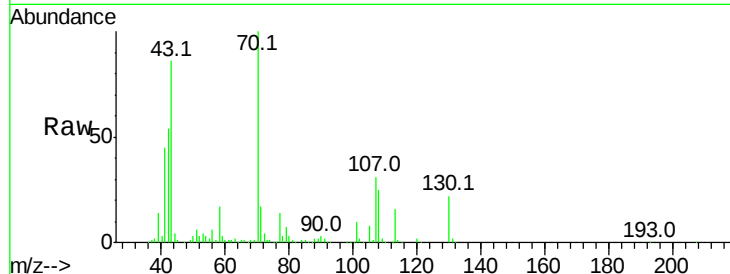
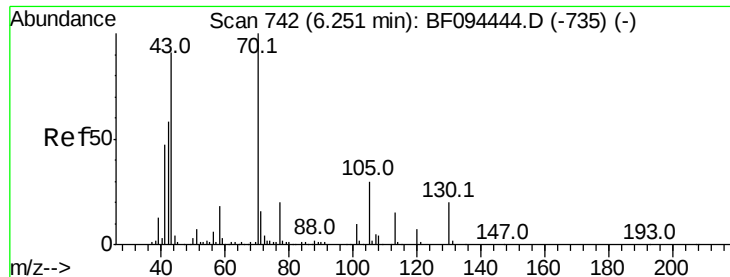
mohammad
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#18
Hexachloroethane
Concen: 53.92 ng
RT: 6.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.4	116.0	
201	99.1	94.6	141.8	





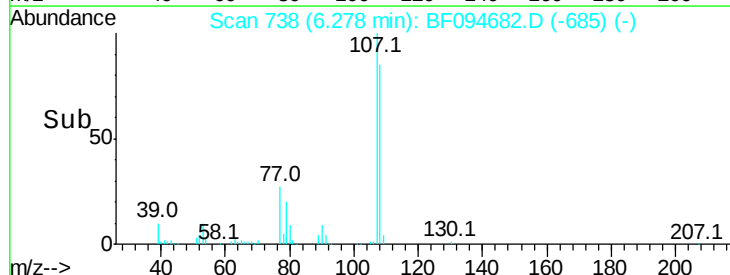
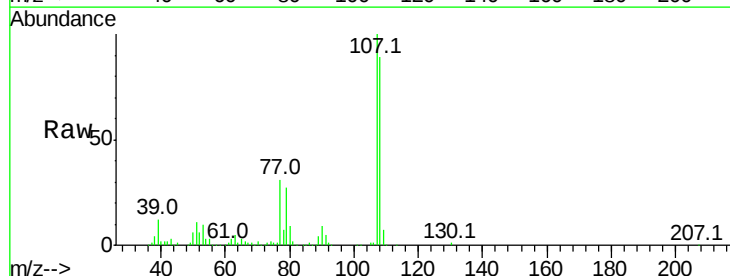
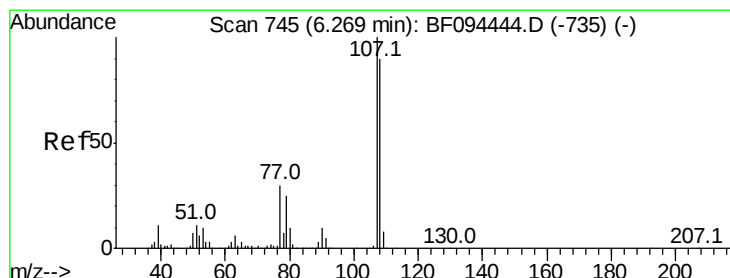
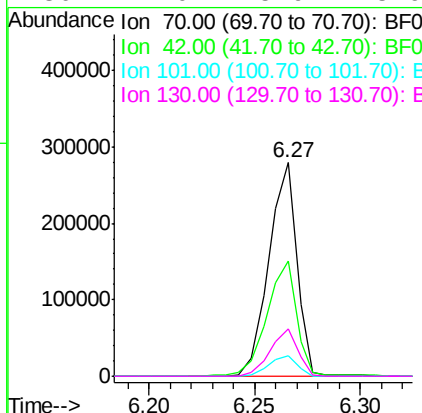
#19
n-Nitroso-di-n-propylamine
Concen: 54.98 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	47.2	70.8	
101	9.7	7.2	10.8	
130	22.0	15.9	23.9	

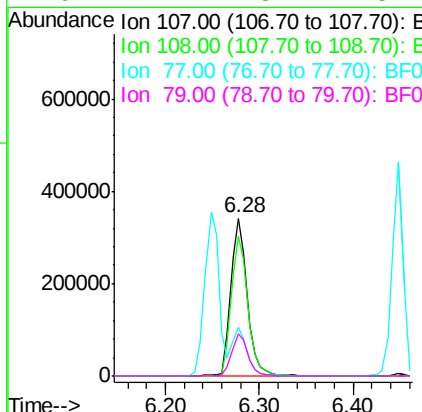
Manual Integrations
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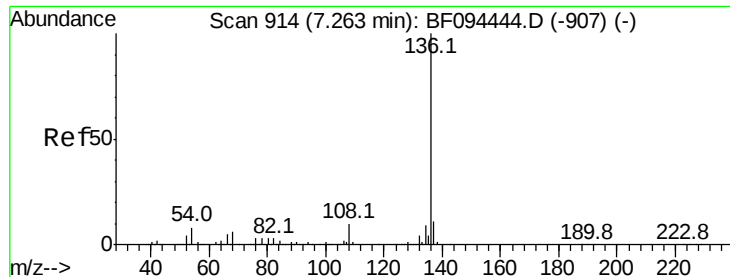
mohammad
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#20
3+4-Methylphenols
Concen: 56.23 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	71.0	111.0	
77	30.6	90.5	130.5#	
79	27.1	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: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

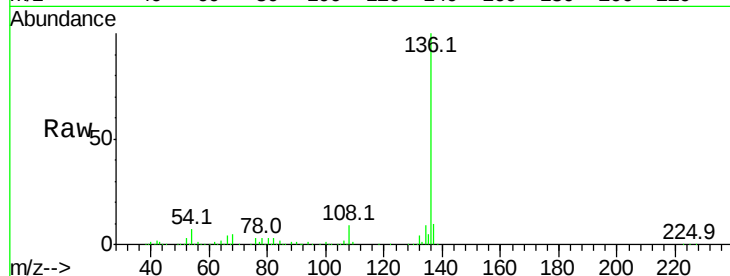
ClientSampleId :

PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.5	12.7	
54	6.7	4.9	7.3	
68	5.3	4.1	6.1	

Manual Integrations
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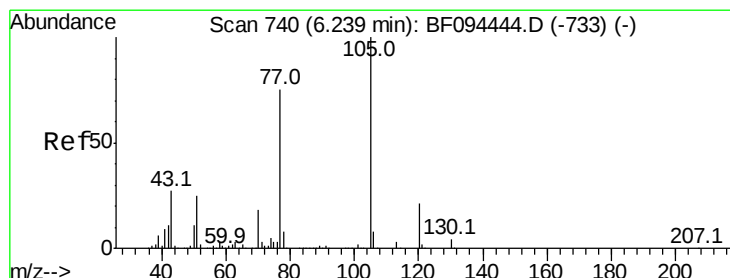
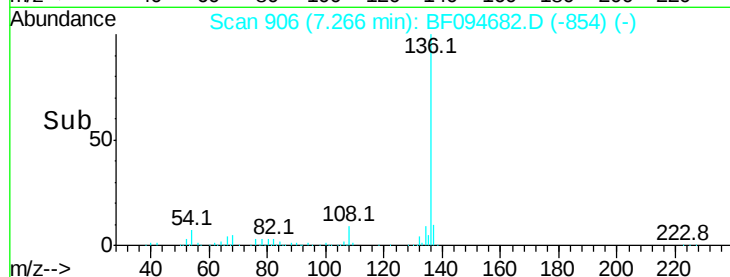
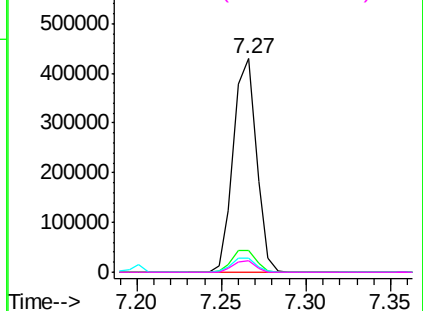


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 53.03 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

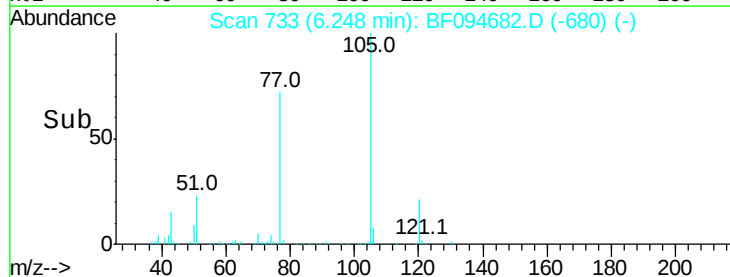
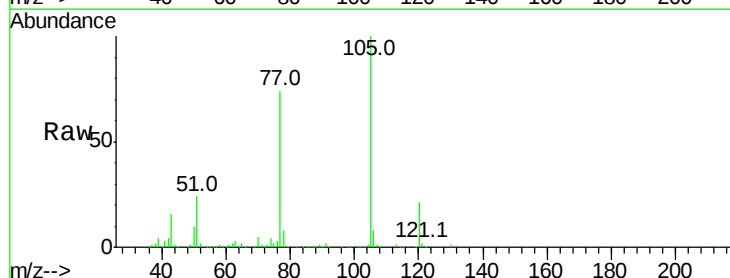
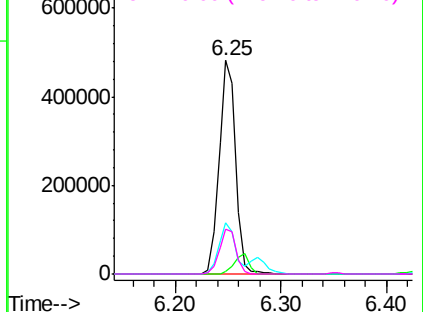
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	2.8	4.2#	
51	24.2	30.7	46.1#	
120	21.3	17.4	26.0	

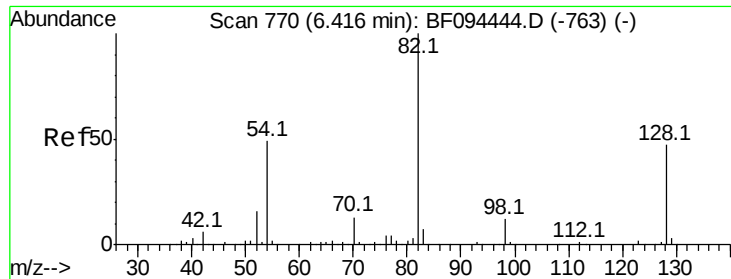
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





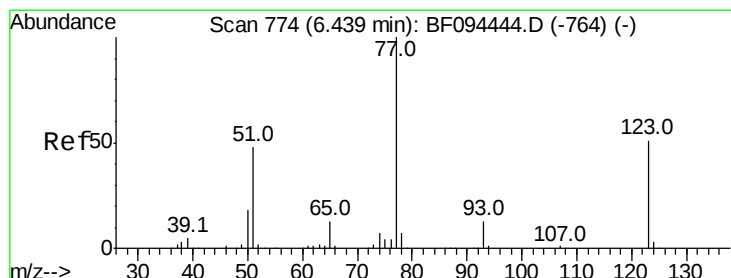
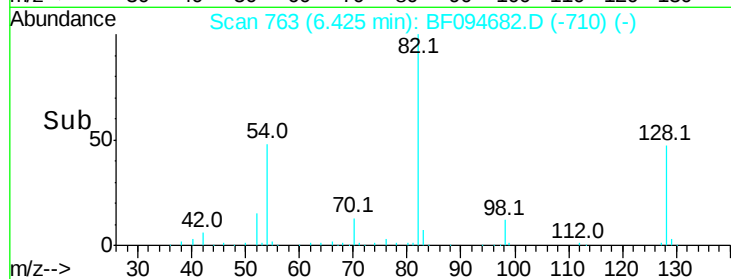
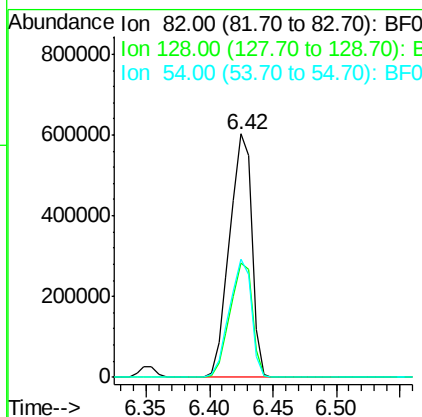
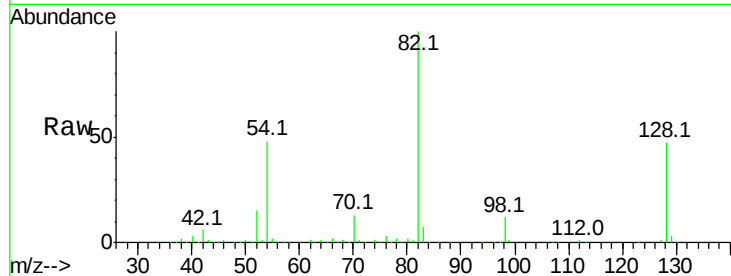
#23
 Nitrobenzene-d5
 Concen: 110.08 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.0	51.0	
54	48.4	42.2	63.2	

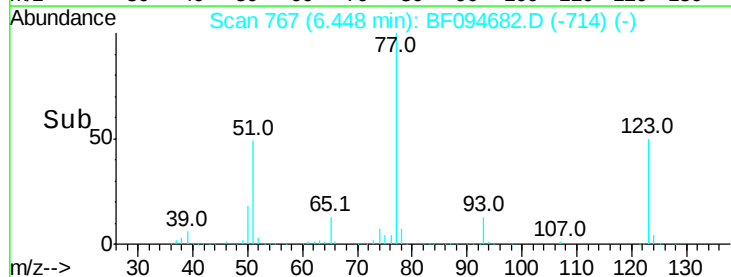
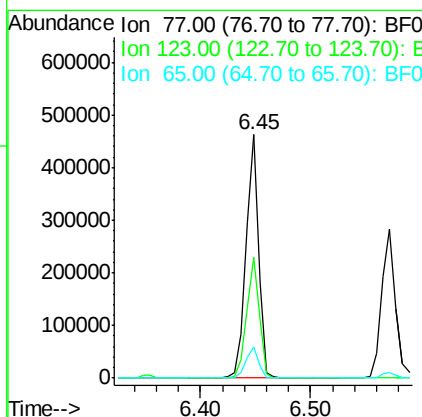
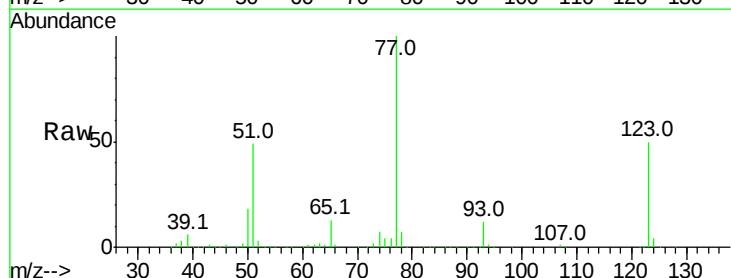
Manual Integrations
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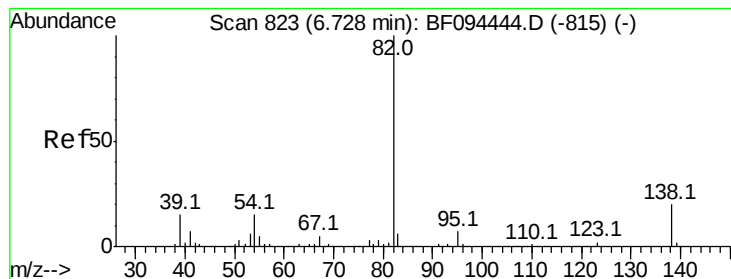
mohammad
 5/1/2017 6:35:07 PM



#24
 Nitrobenzene
 Concen: 53.50 ng
 RT: 6.45 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.8	35.8	53.8	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 54.26 ng

RT: 6.74 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

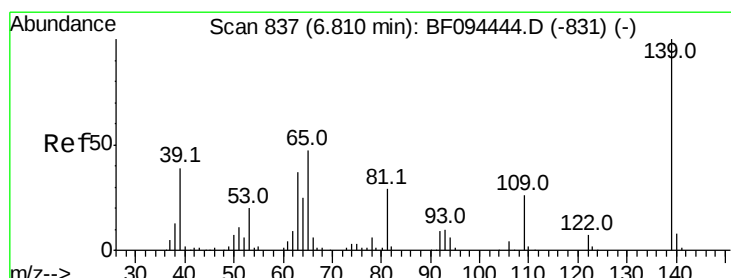
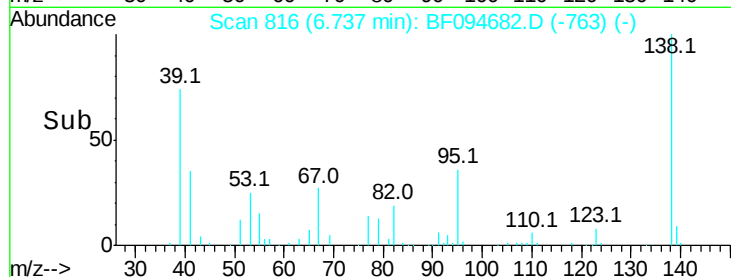
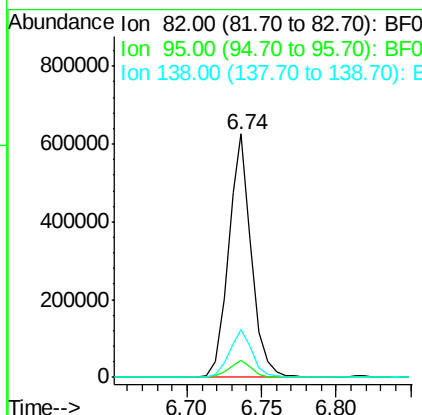
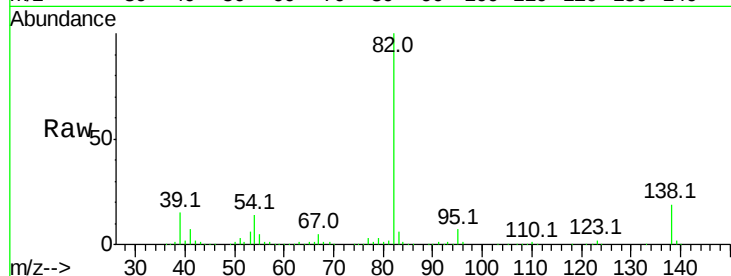
ClientSampleId :

PB98544BS

Tot Ion:	82	Resp:	667551
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.87 ng

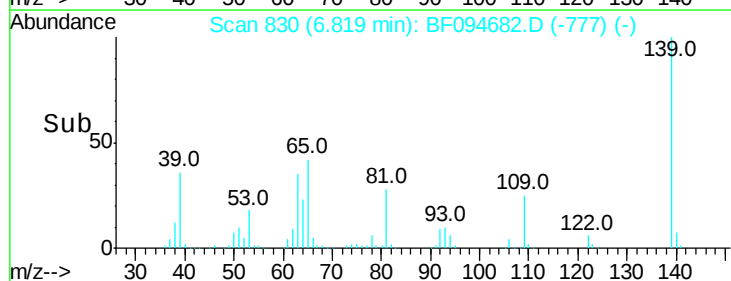
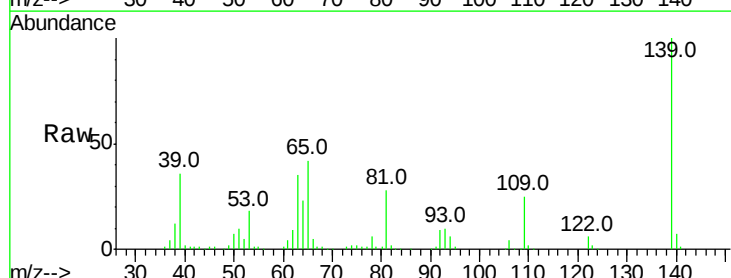
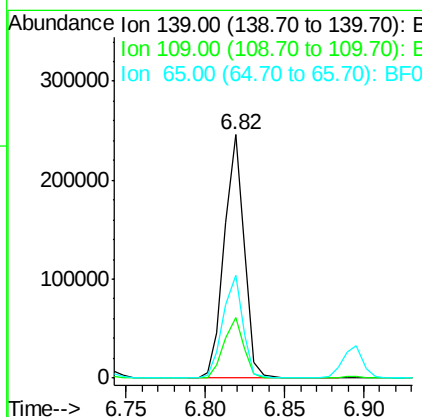
RT: 6.82 min Scan# 830

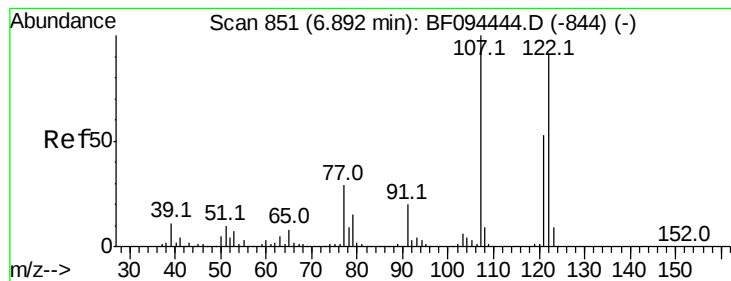
Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:	139	Resp:	213537
Ion Ratio	Lower	Upper	
139	100		
109	25.1	21.0	31.6
65	42.4	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 54.53 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

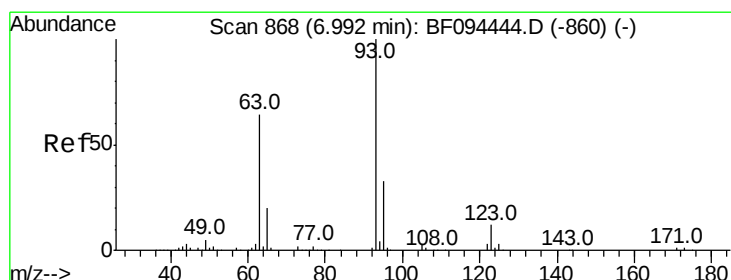
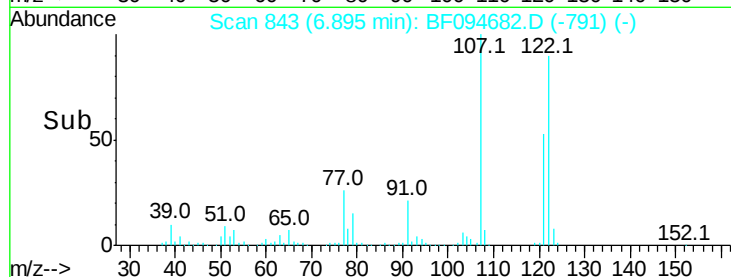
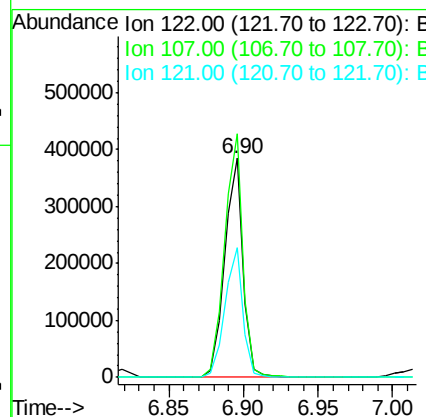
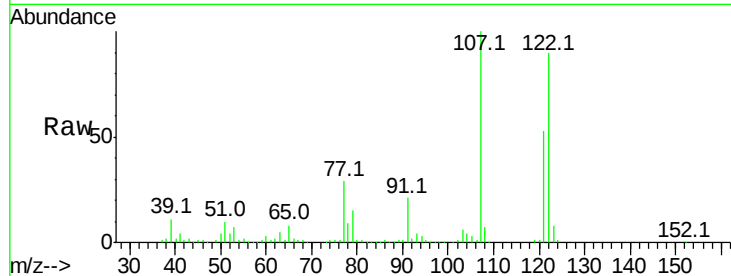
ClientSampleId :

PB98544BS

Tot Ion:	122	Resp:	332621
Ion Ratio	Lower	Upper	
122	100		
107	111.3	89.2	133.8
121	59.3	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 54.45 ng

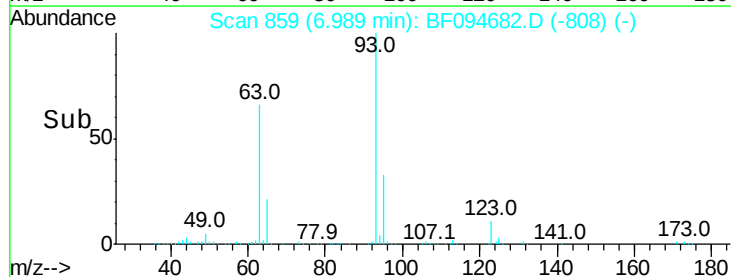
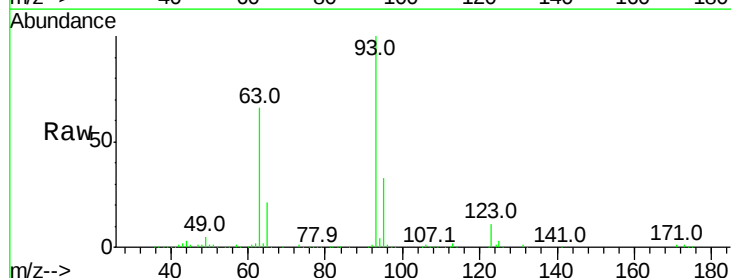
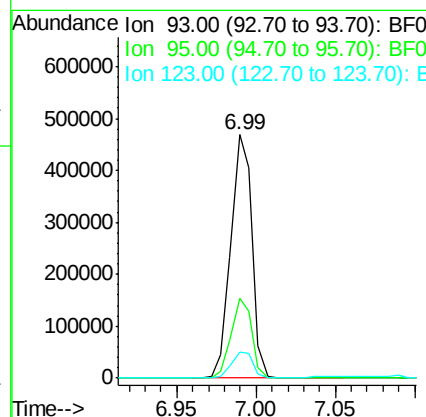
RT: 6.99 min Scan# 859

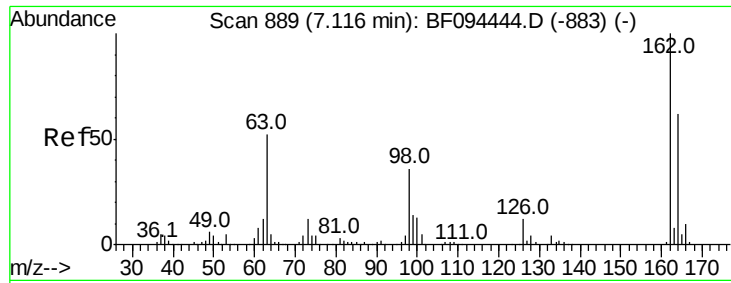
Delta R.T. -0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:	93	Resp:	433345
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	10.9	9.0	13.4





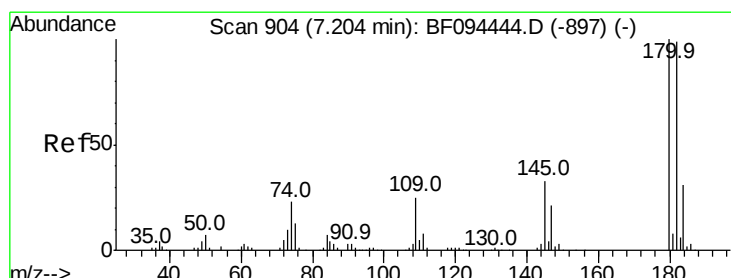
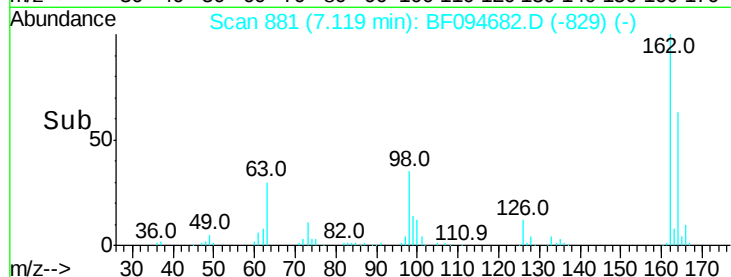
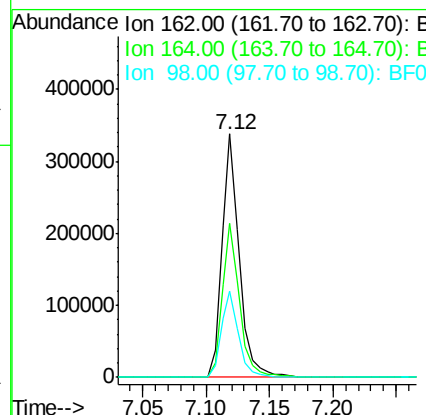
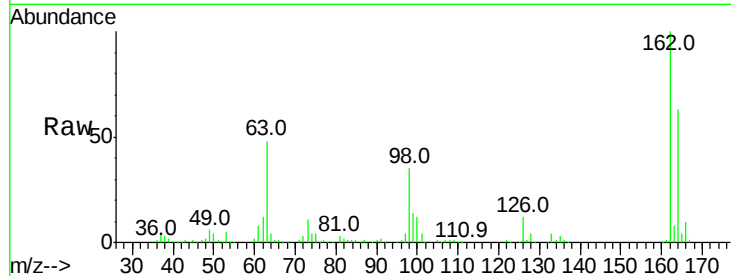
#29
 2,4-Dichlorophenol
 Concen: 57.39 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	325646		
164	63.5	44.6	84.6	
98	35.4	14.8	54.8	

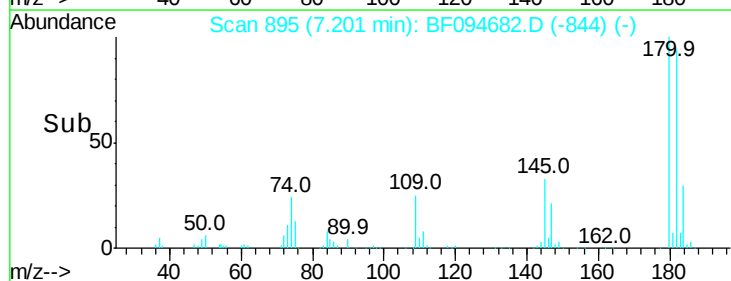
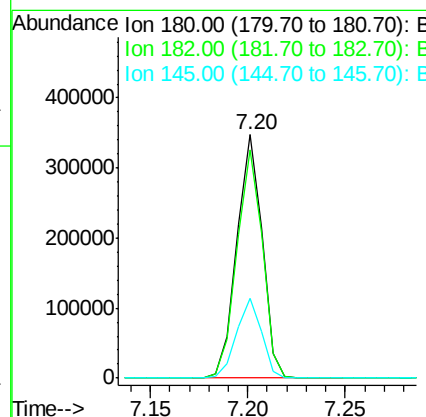
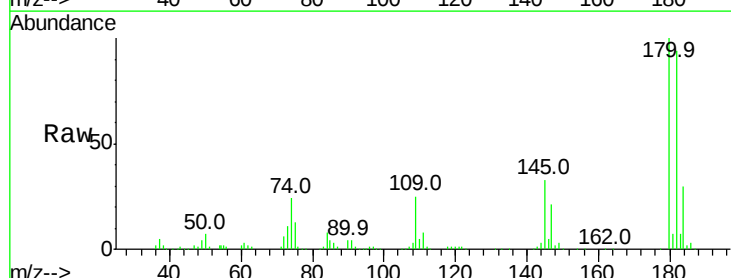
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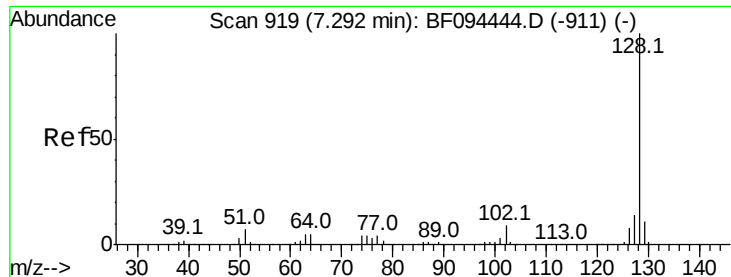
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.30 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	312680		
182	94.0	75.8	113.6	
145	32.7	25.3	37.9	





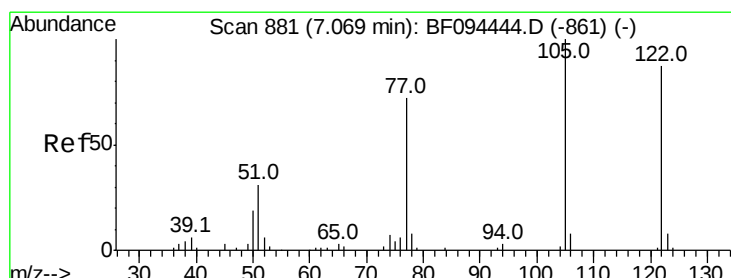
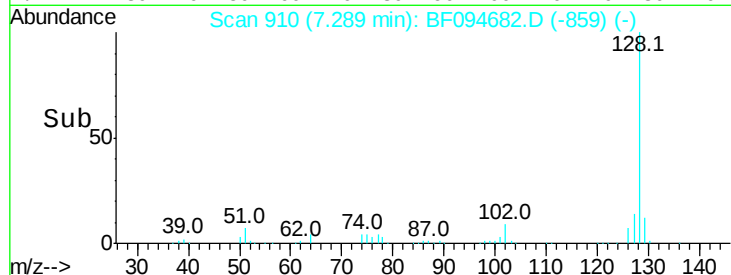
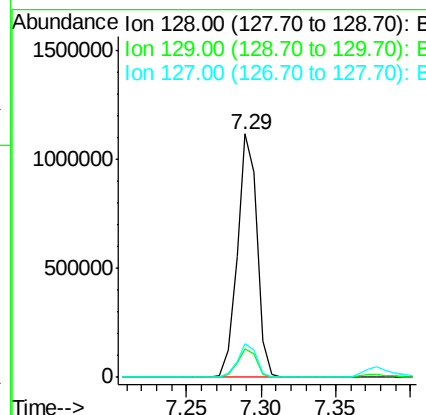
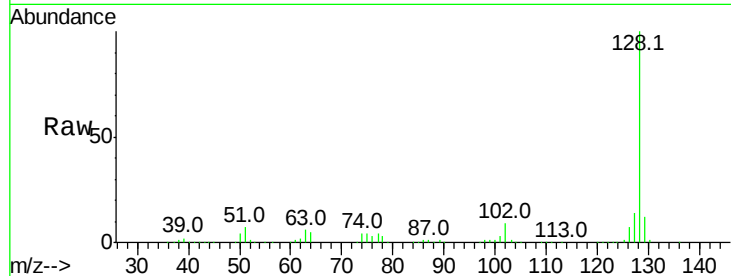
#31
Naphthalene
Concen: 52.70 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.7	10.8	16.2

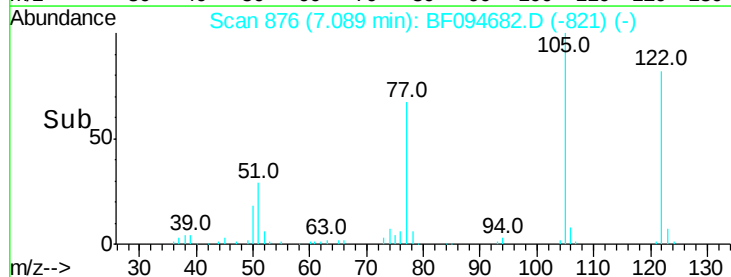
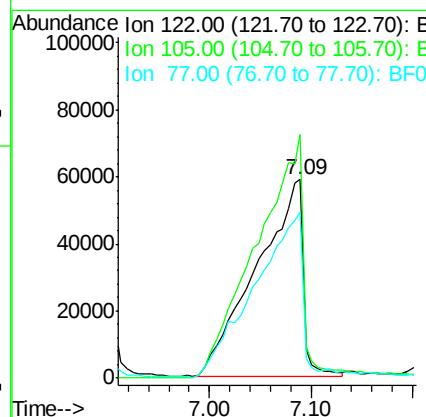
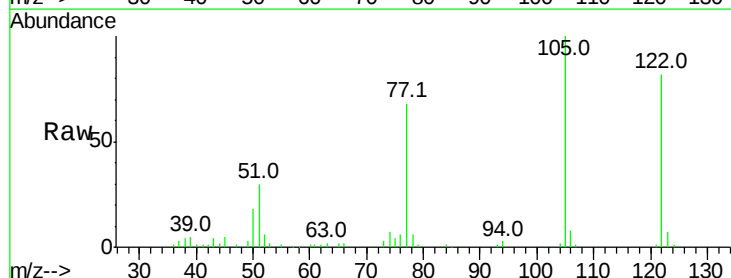
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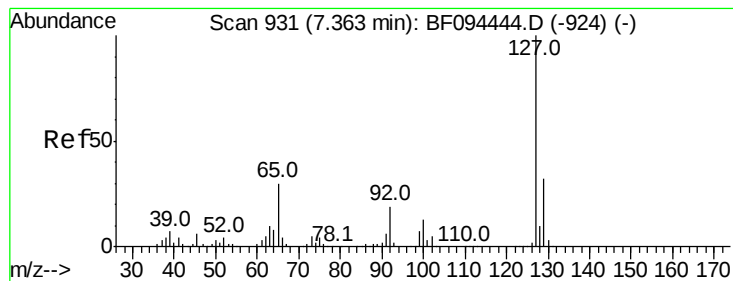
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#32
Benzoic acid
Concen: 58.58 ng
RT: 7.09 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	103.3	143.3
77	83.1	73.7	113.7





#33

4-Chloroaniline

Concen: 9.85 ng

RT: 7.38 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

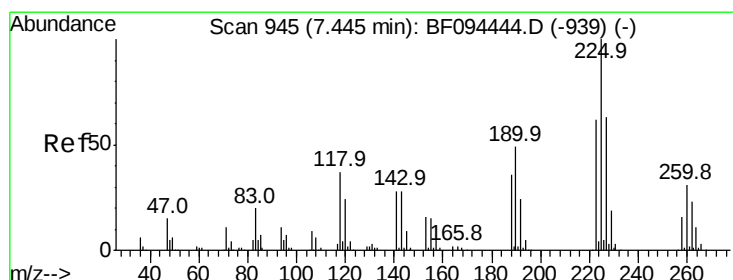
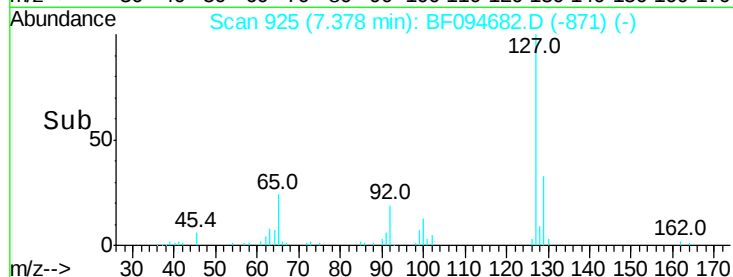
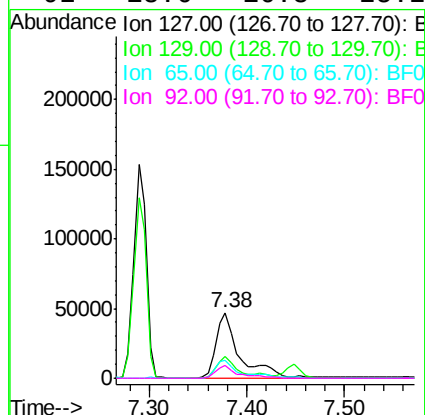
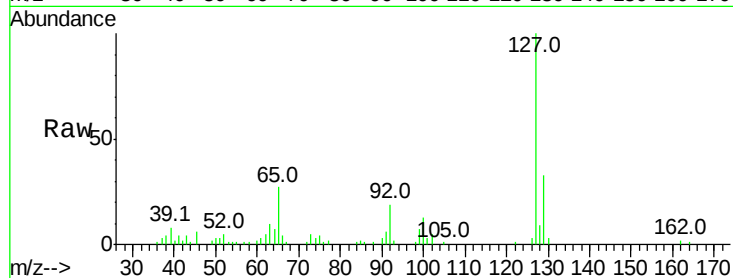
ClientSampleId :

PB98544BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.1	27.8	41.8
92	18.6	16.8	25.2

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#34

Hexachlorobutadiene

Concen: 54.05 ng

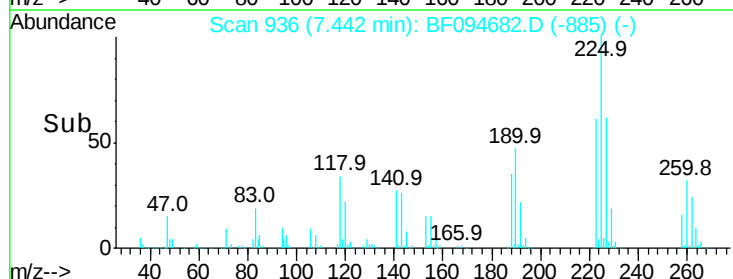
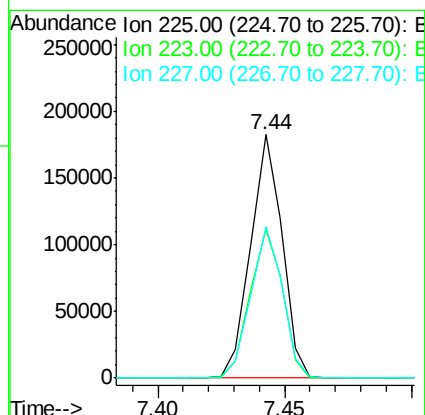
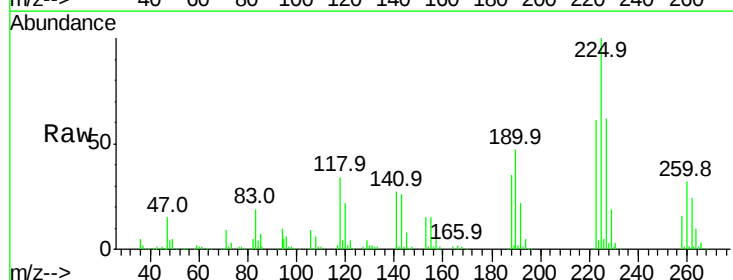
RT: 7.44 min Scan# 936

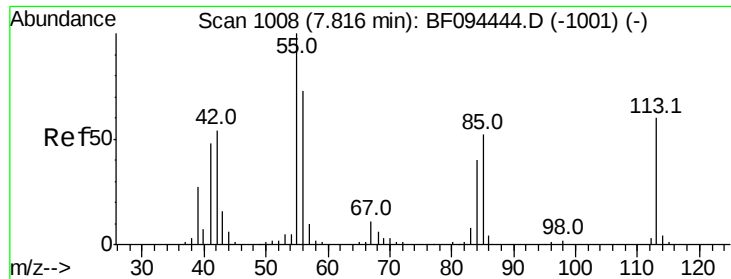
Delta R.T. -0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	62.0	51.1	76.7





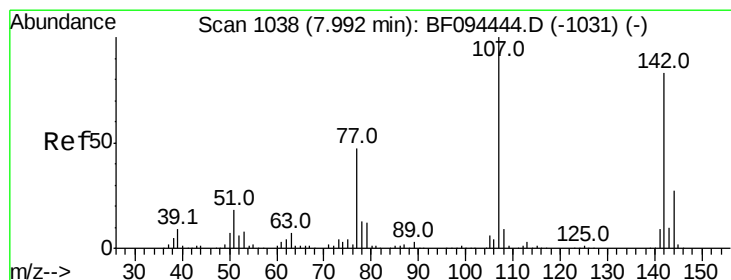
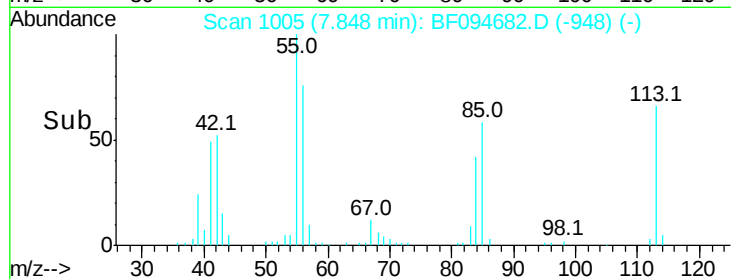
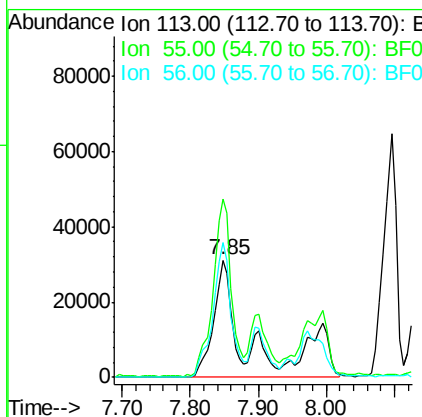
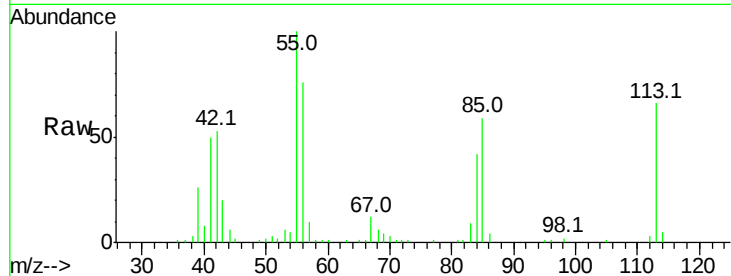
#35
 Caprolactam
 Concen: 63.05 ng/ml
 RT: 7.85 min Scan# 1005
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleID :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.6	150.2	190.2
56	115.4	107.8	147.8

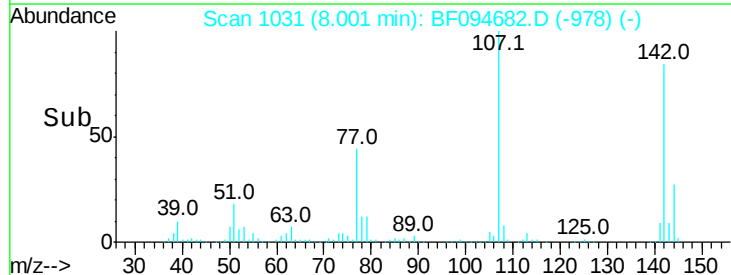
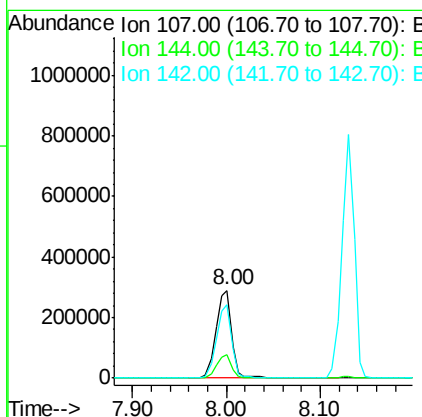
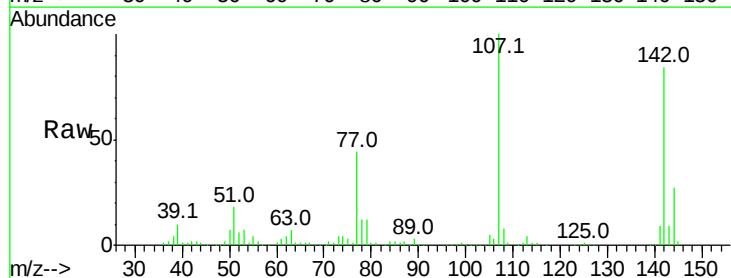
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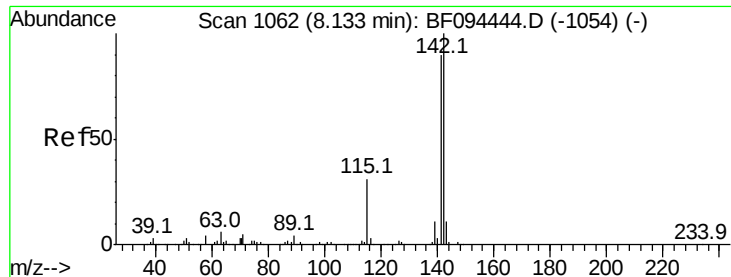
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#36
 4-Chloro-3-methylphenol
 Concen: 56.91 ng/ml
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	24.2	36.4
142	84.0	73.4	110.0





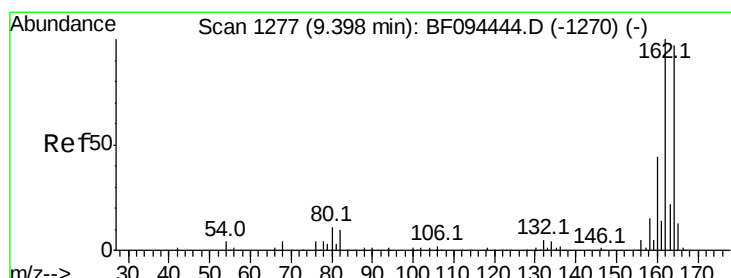
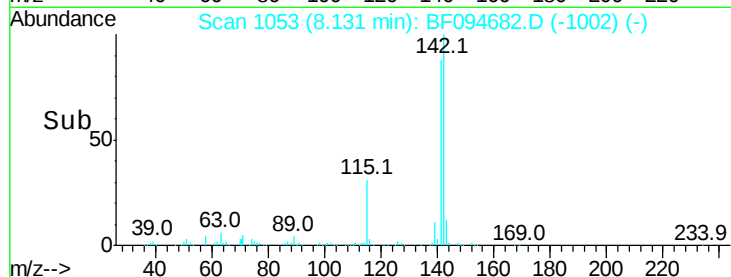
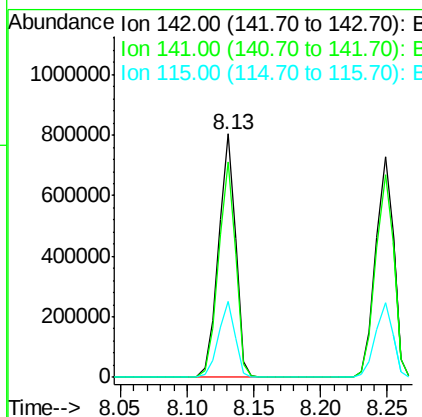
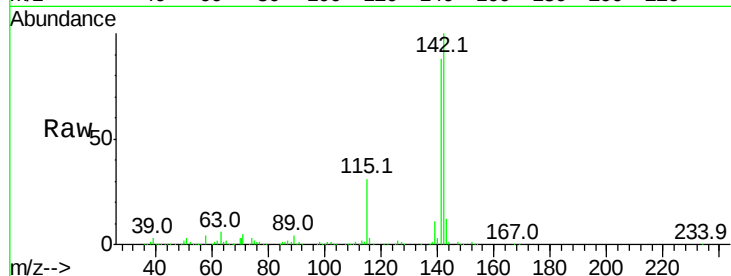
#37
 2-Methylnaphthalene
 Concen: 54.00 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	31.4	27.1	40.7

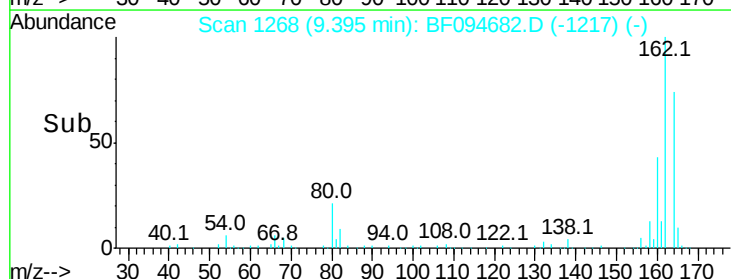
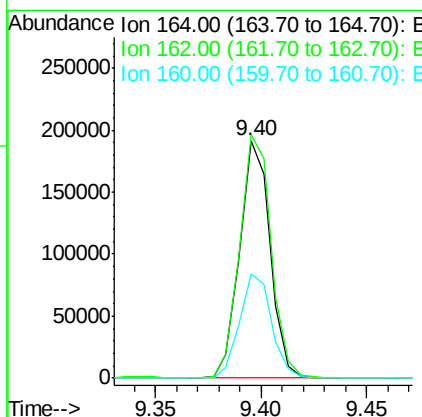
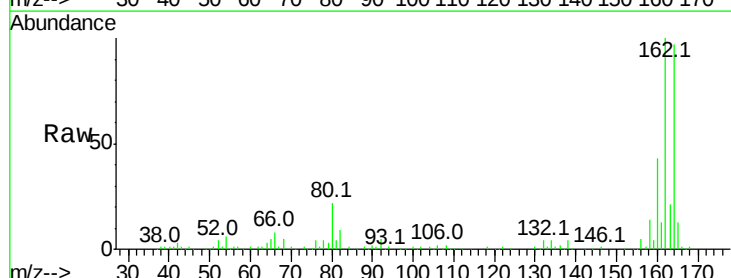
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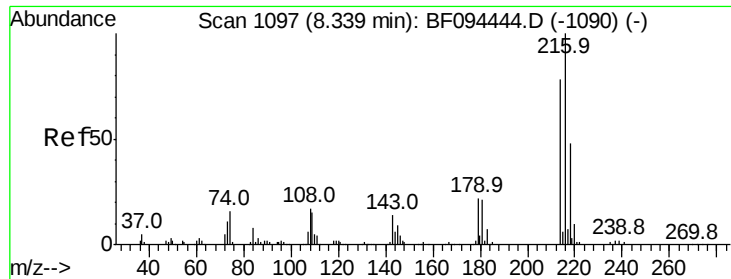
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.0	36.2	54.2





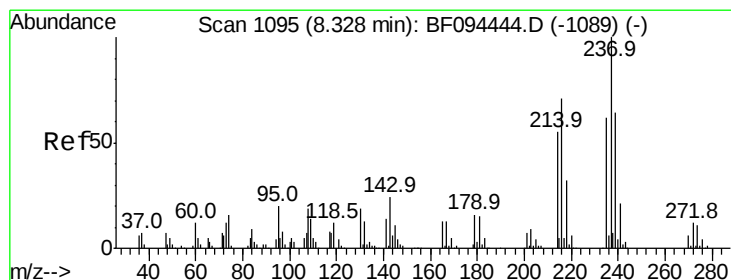
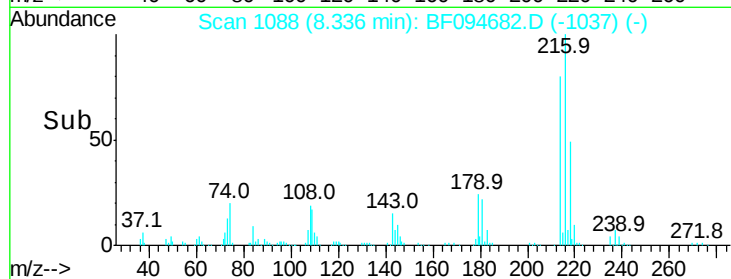
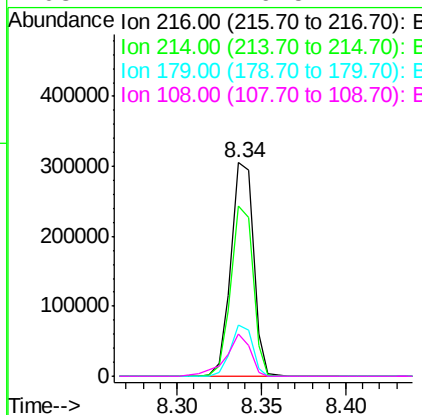
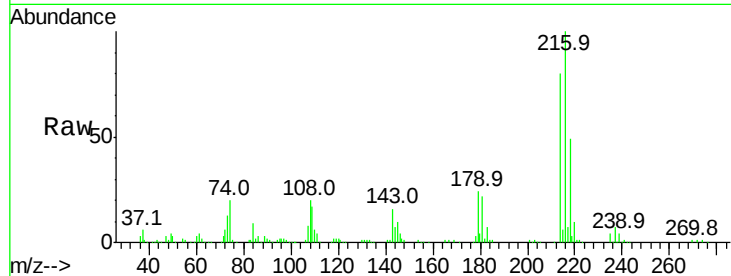
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.17 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	283166		
214	78.4		63.4	95.2
179	23.0		17.9	26.9
108	21.2		16.5	24.7

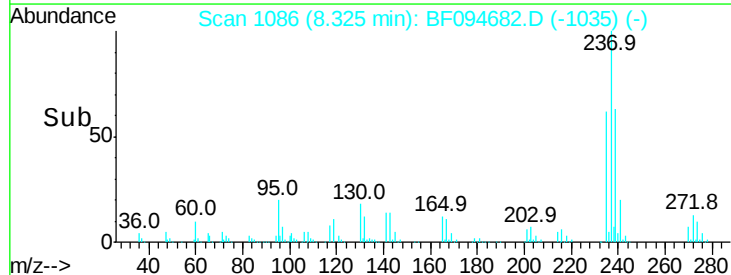
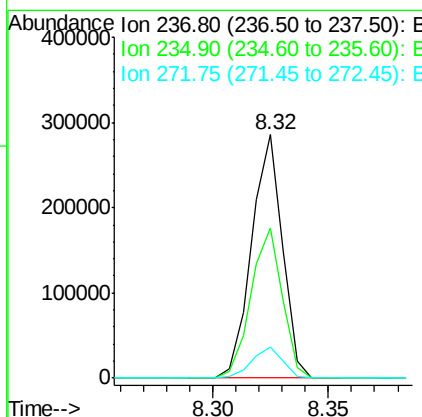
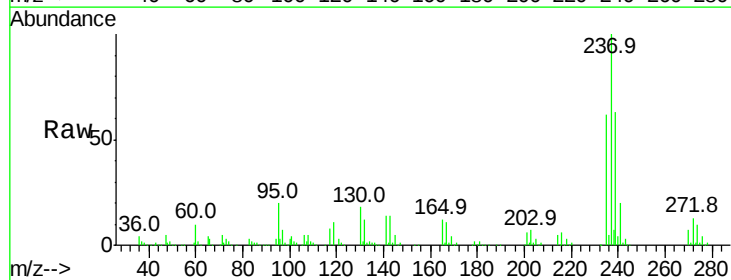
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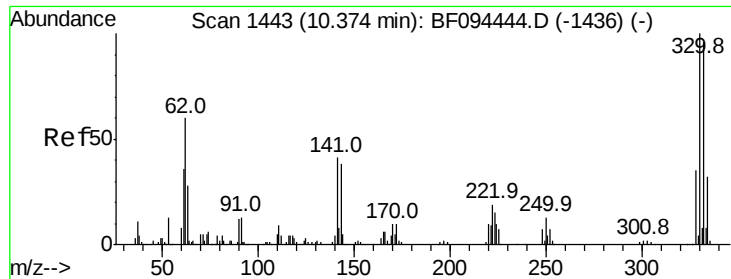
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#40
 Hexachlorocyclopentadiene
 Concen: 121.25 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	266259		
235	61.9		42.6	82.6
272	12.6		0.0	31.9





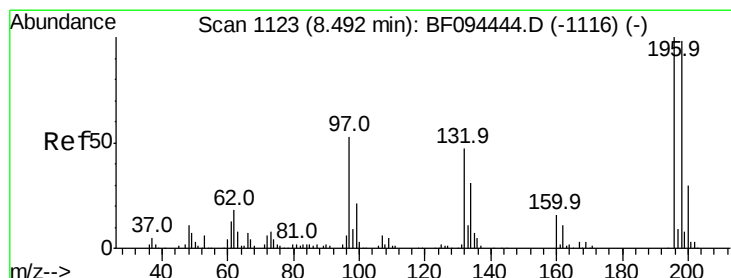
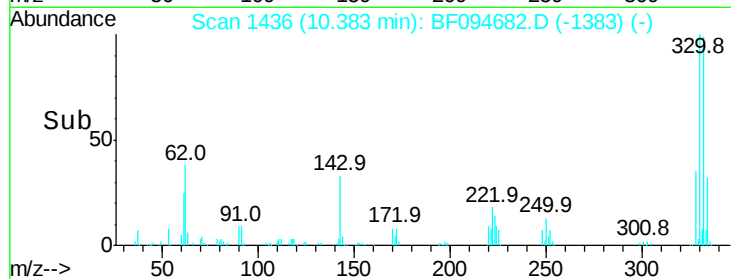
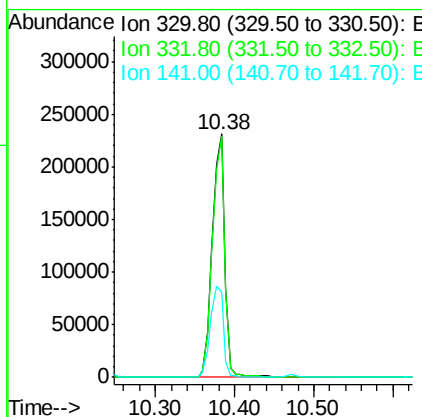
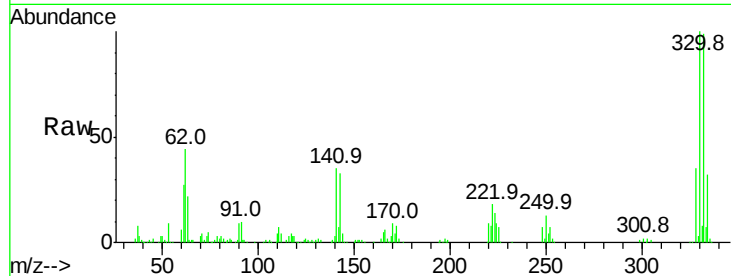
#41
 2,4,6-Tribromophenol
 Concen: 170.24 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	253829		
332	96.9	76.6	115.0	
141	39.4	31.4	47.2	

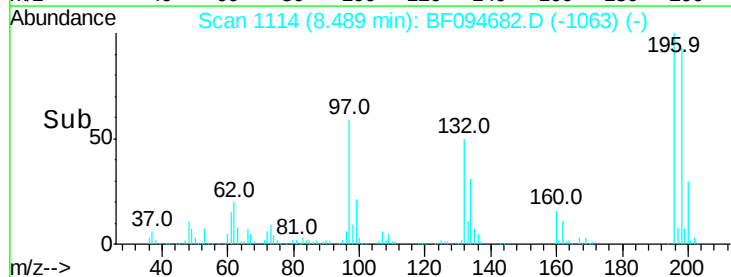
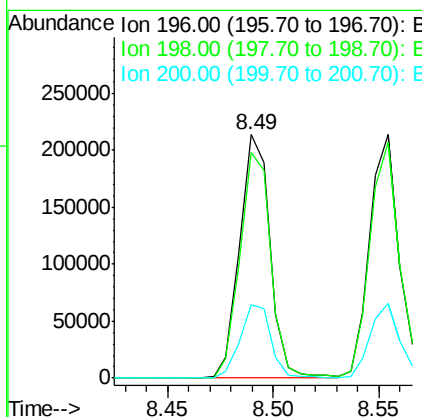
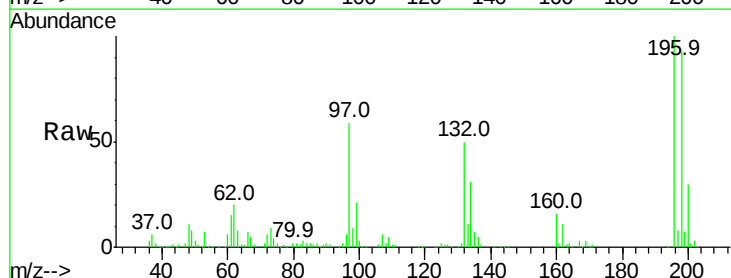
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#42
 2,4,6-Trichlorophenol
 Concen: 56.00 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213463		
198	92.6	74.2	111.4	
200	30.1	24.0	36.0	





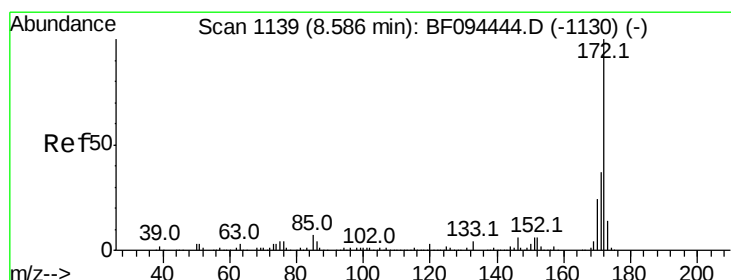
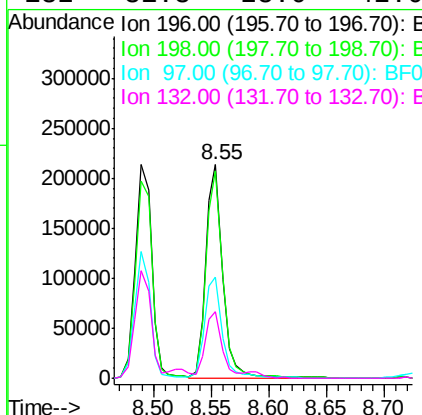
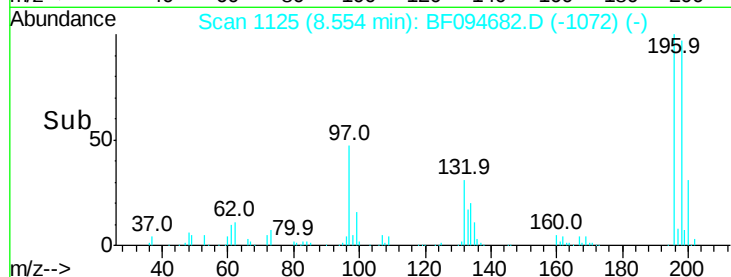
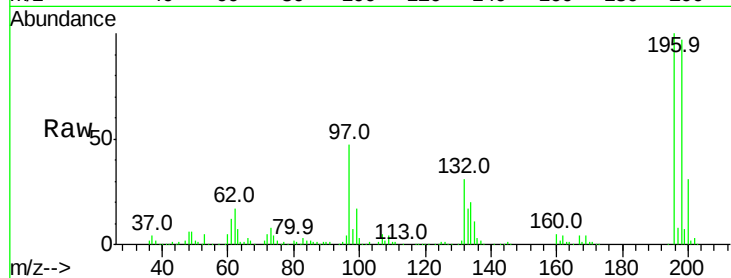
#43
 2,4,5-Trichlorophenol
 Concen: 55.74 ng
 RT: 8.55 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218181		
198	97.2	75.7	113.5	
97	47.2	47.7	71.5#	
132	31.3	28.0	42.0	

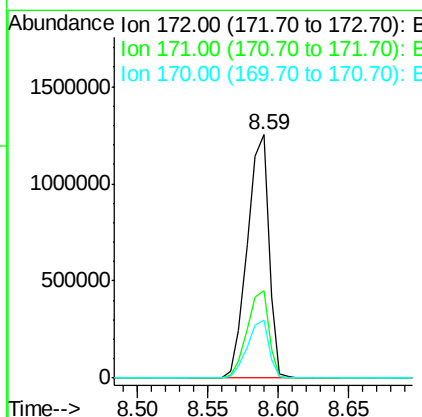
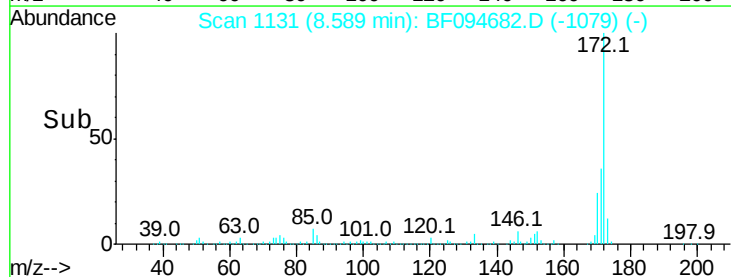
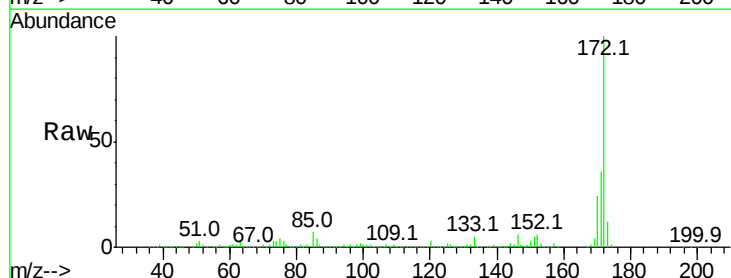
Manual Integrations
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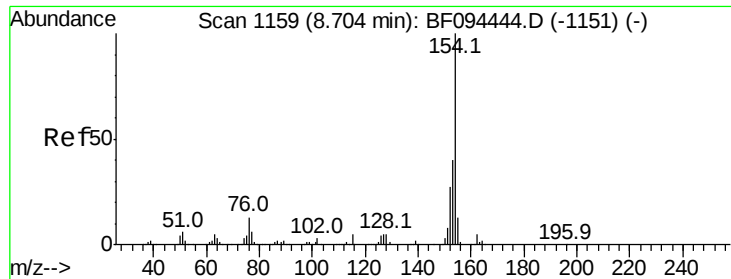
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 104.30 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1351249		
171	35.8	29.6	44.4	
170	23.8	19.8	29.8	





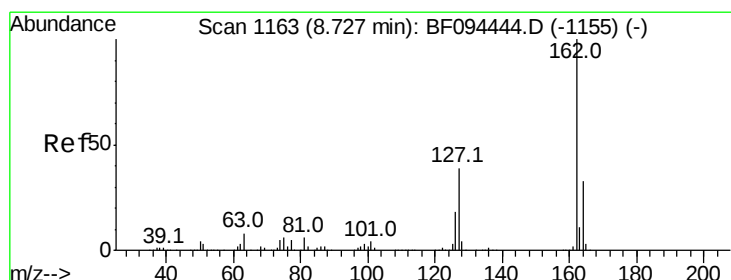
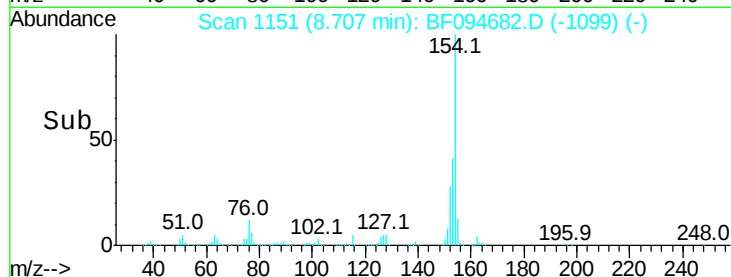
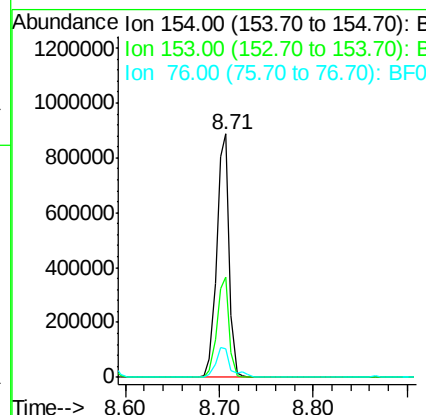
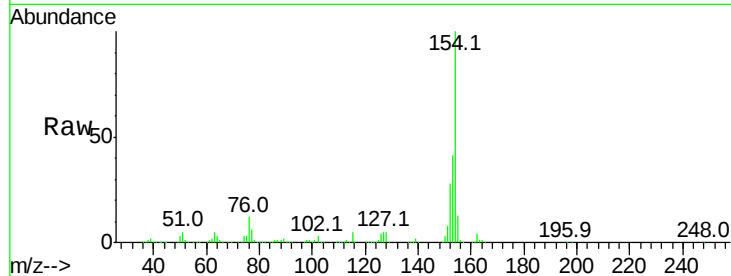
#45
 1,1'-Biphenyl
 Concen: 53.53 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.2	61.2	
76	11.6	0.0	29.9	

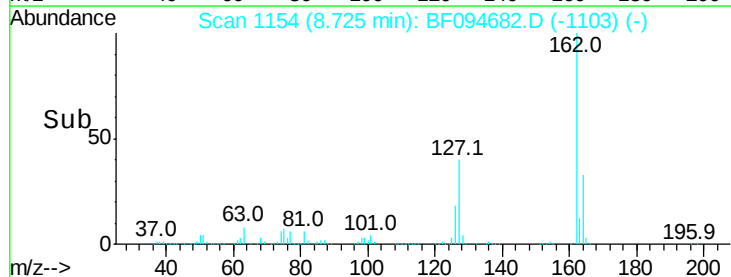
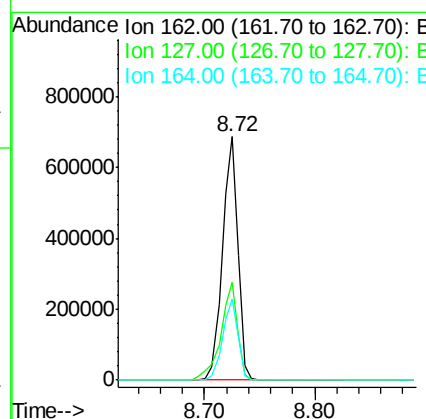
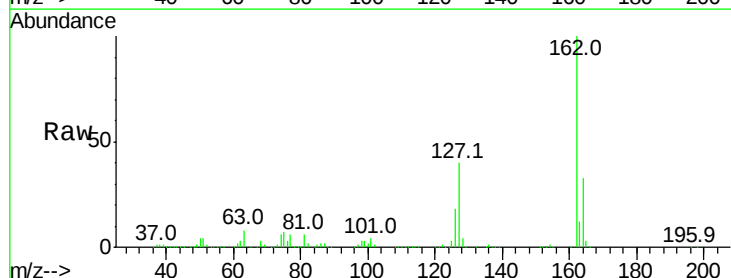
Manual Integrations
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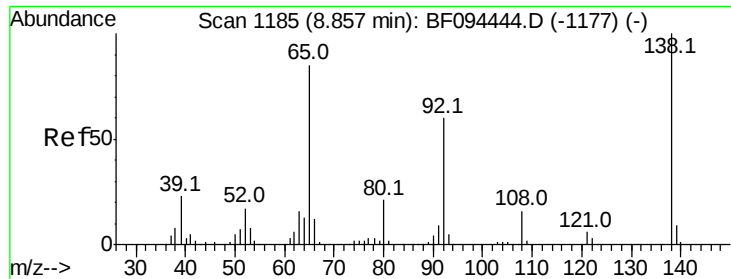
mohammad
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#46
 2-Chloronaphthalene
 Concen: 53.56 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.3	28.3	42.5	
164	33.4	27.0	40.4	





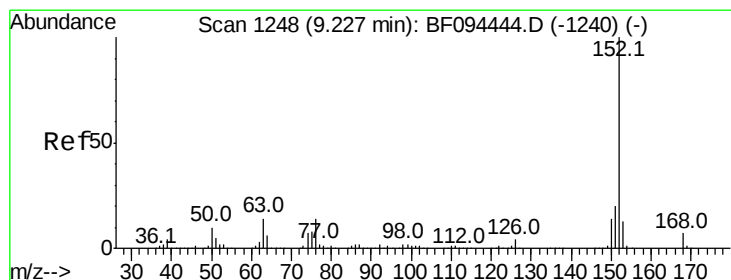
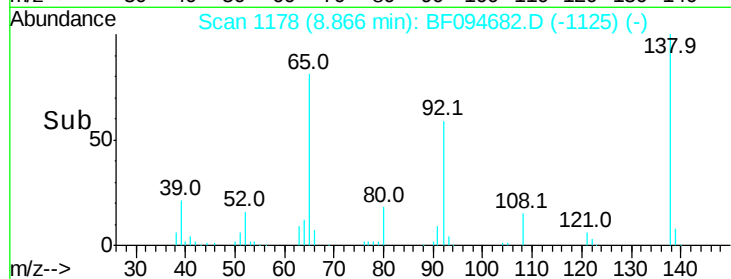
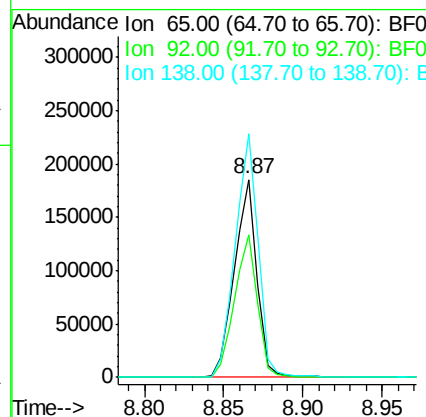
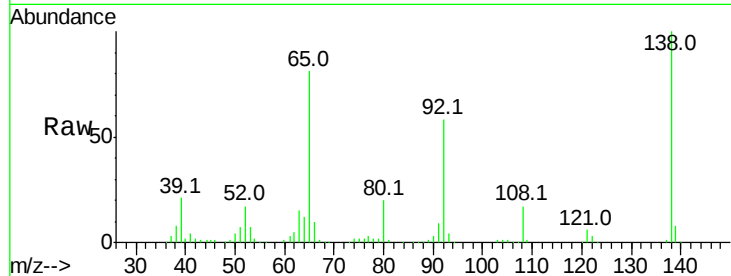
#47
2-Nitroaniline
Concen: 51.66 ng
RT: 8.87 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	53.9	80.9
138	123.0	78.8	118.2#

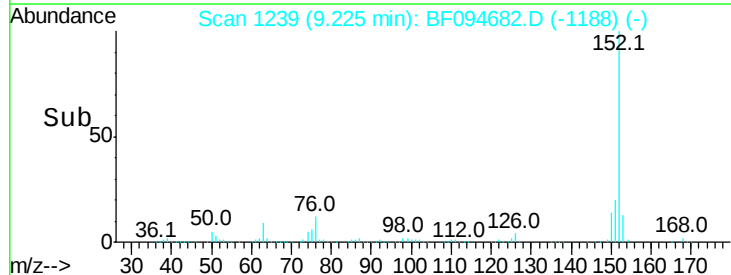
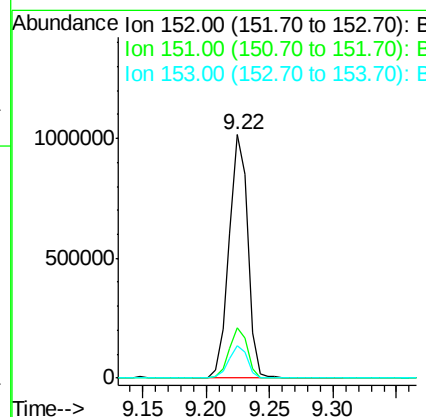
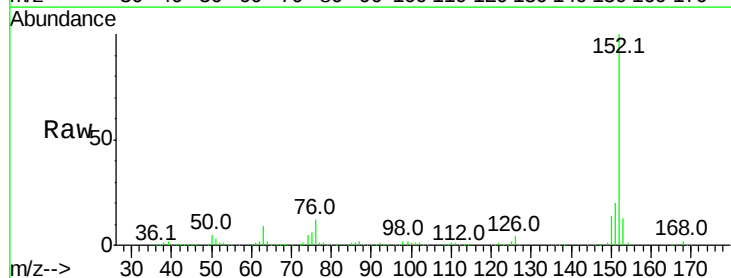
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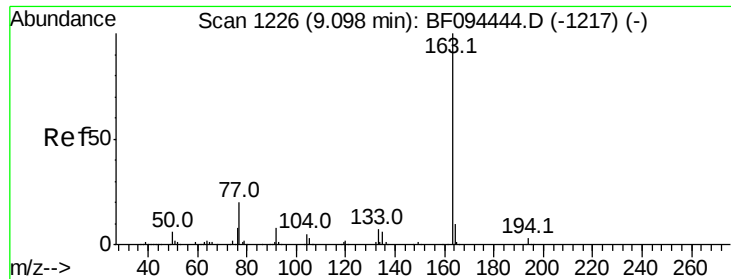
mohammad
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#48
Acenaphthylene
Concen: 53.81 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2





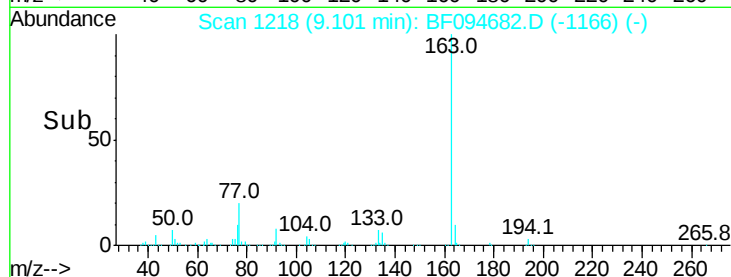
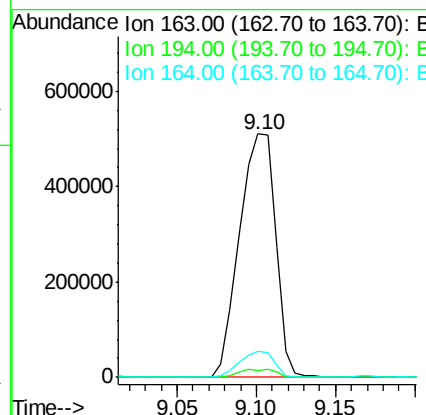
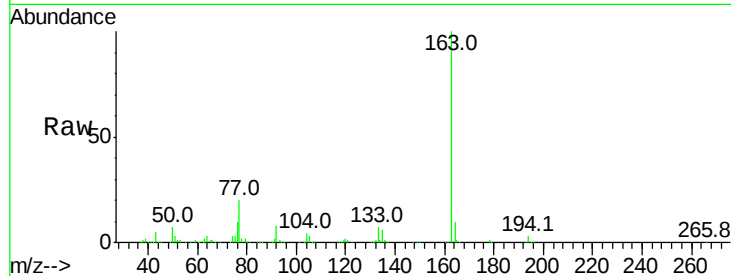
#49
Dimethylphthalate
Concen: 56.86 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	807726		
194	3.1		2.6	4.0
164	10.4		8.4	12.6

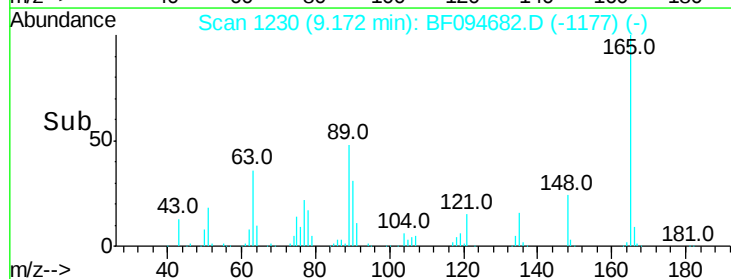
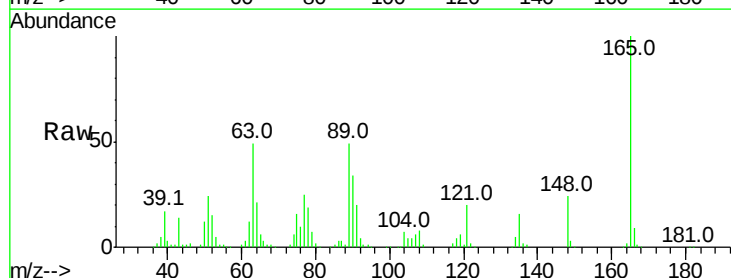
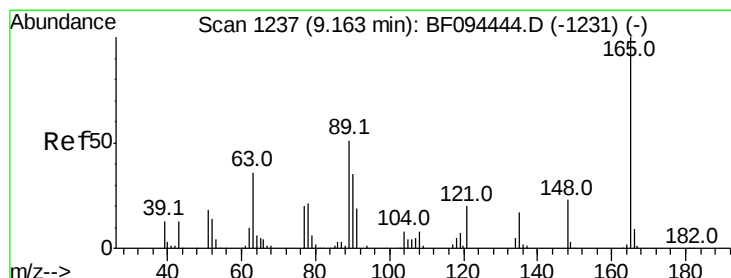
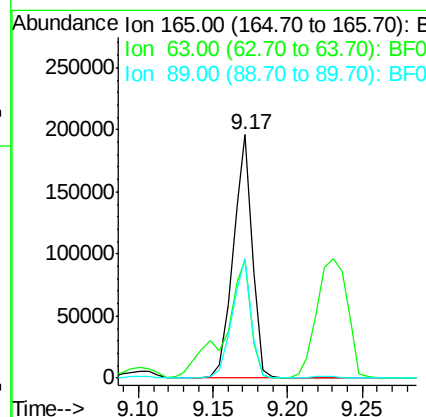
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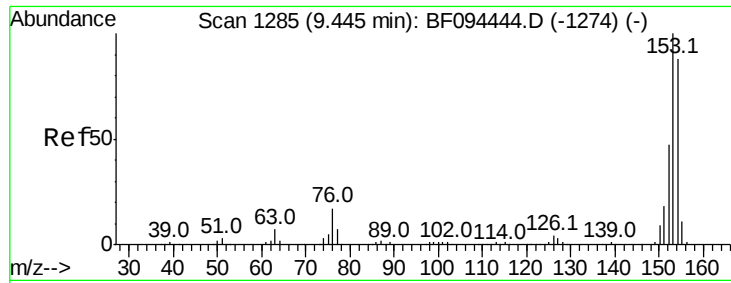
mohammad
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#50
2,6-Dinitrotoluene
Concen: 55.60 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	177286		
63	48.7		34.3	51.5
89	48.9		37.1	55.7





#51

Acenaphthene

Concen: 53.10 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

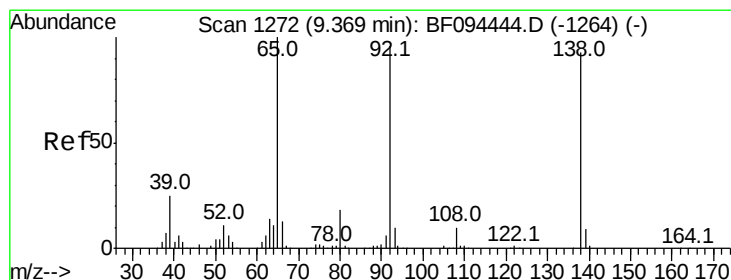
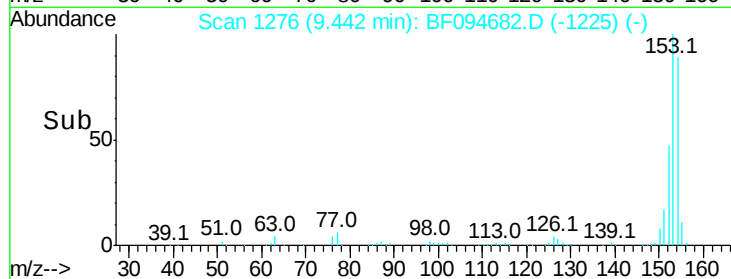
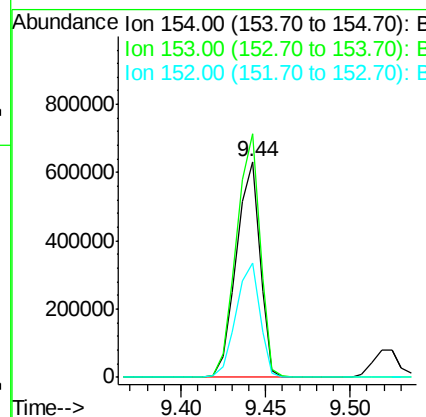
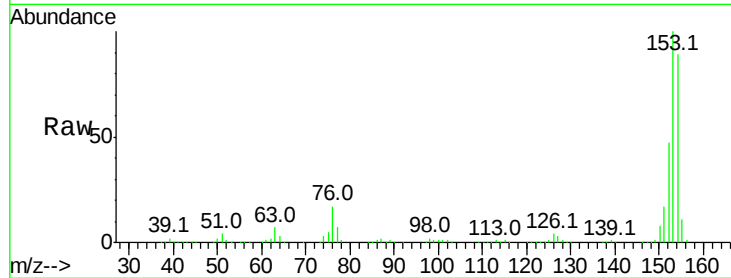
ClientSampleId :

PB98544BS

Tot Ion:	154	Resp:	614036
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.5	135.7
152	53.2	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 18.88 ng

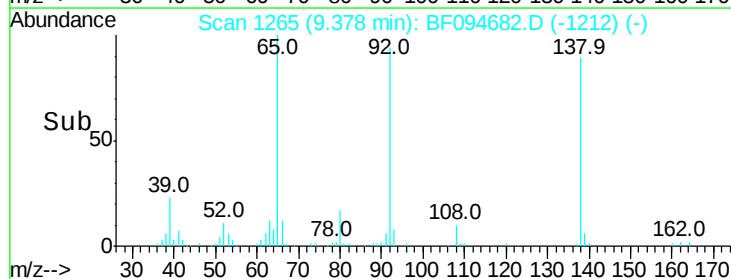
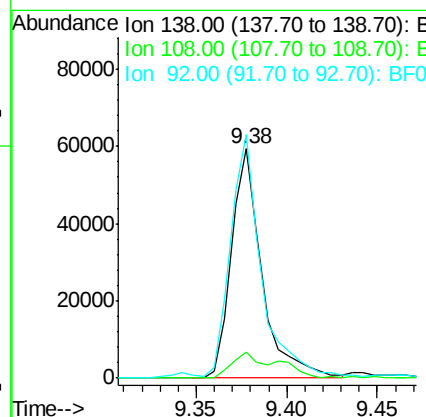
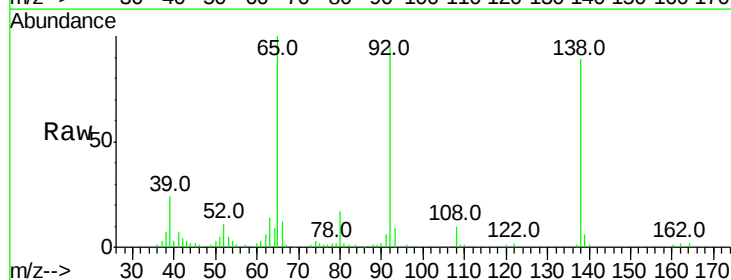
RT: 9.38 min Scan# 1265

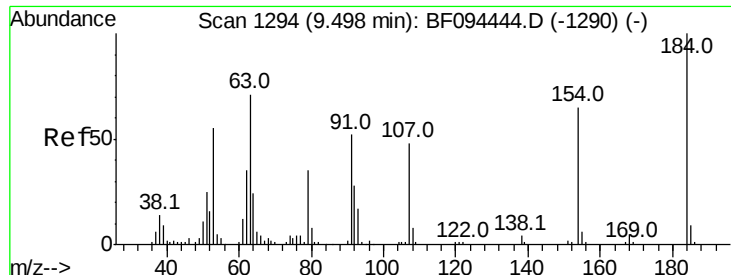
Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:	138	Resp:	69668
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.1	13.7
92	106.2	93.8	140.6





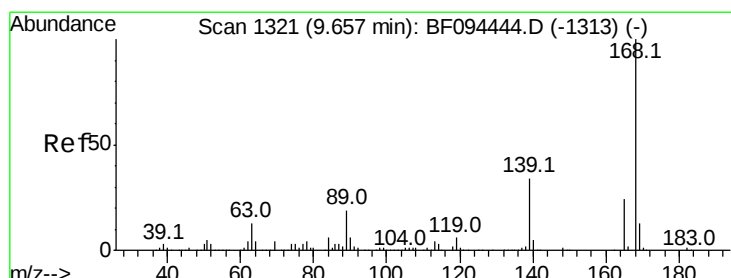
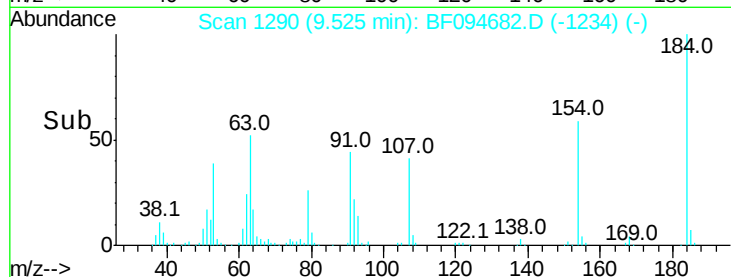
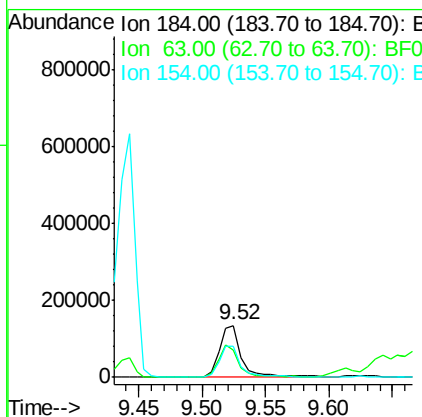
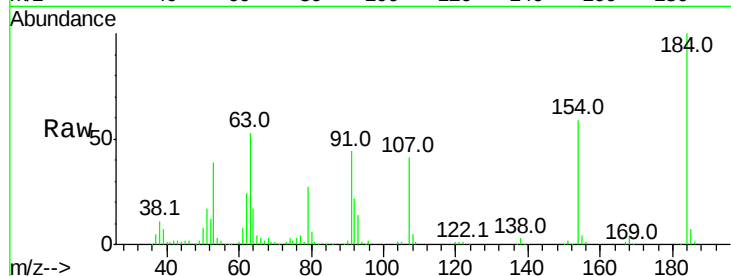
#53
 2,4-Dinitrophenol
 Concen: 95.32 ng
 RT: 9.52 min Scan# 1290
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166990		
63	52.5	62.7	94.1#	
154	58.8	81.1	121.7#	

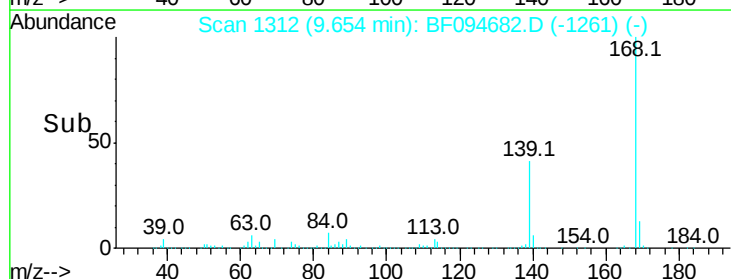
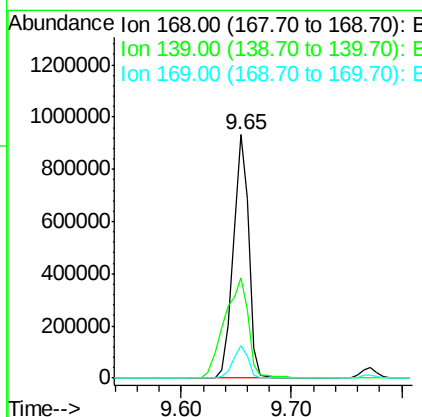
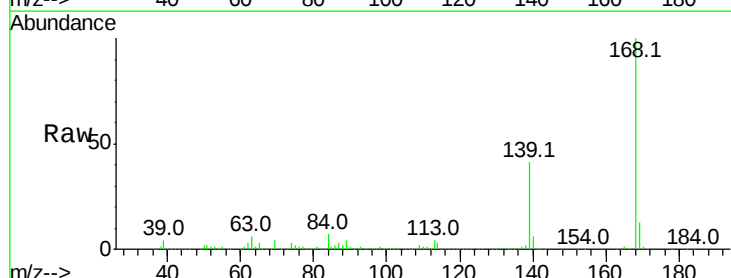
Manual Integrations
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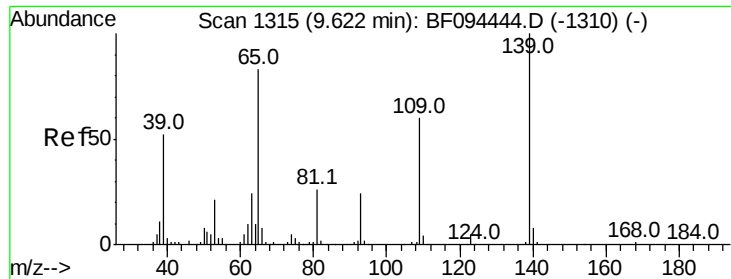
mohammad
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#54
 Dibenzofuran
 Concen: 54.15 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	910093		
139	41.0	30.6	45.8	
169	13.4	10.8	16.2	





#55

4-Nitrophenol

Concen: 122.19 ng/mL

RT: 9.65 min Scan# 1311

Delta R.T. 0.03 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleID :

PB98544BS

Tot Ion:139 Resp: 318460

Ion Ratio Lower Upper

139 100

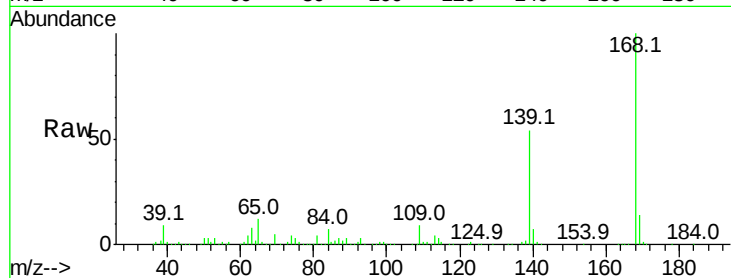
109 16.8 34.1 74.1#

65 21.4 31.4 71.4#

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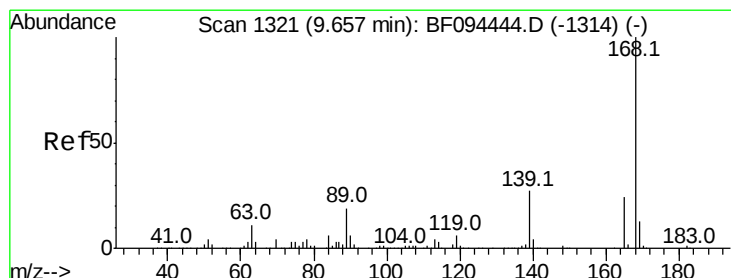
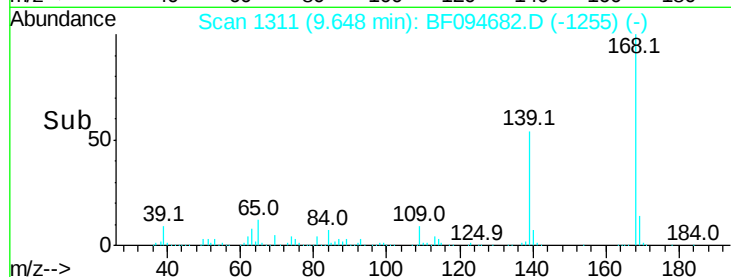
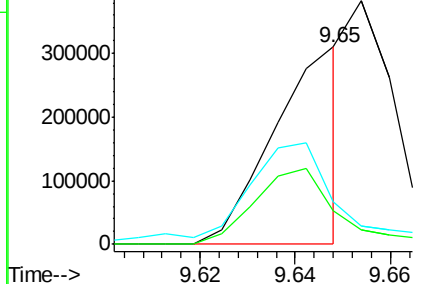
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 60.40 ng/mL

RT: 9.67 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:165 Resp: 236307

Ion Ratio Lower Upper

165 100

63 41.1 25.4 38.0#

89 63.2 46.4 69.6

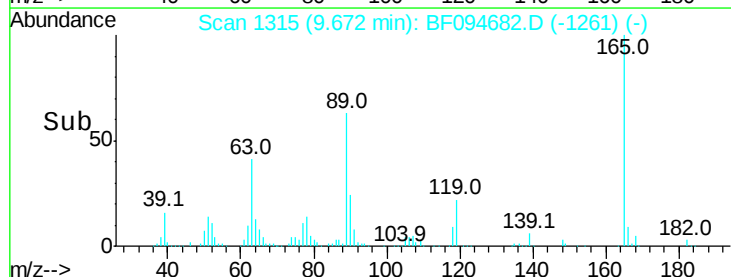
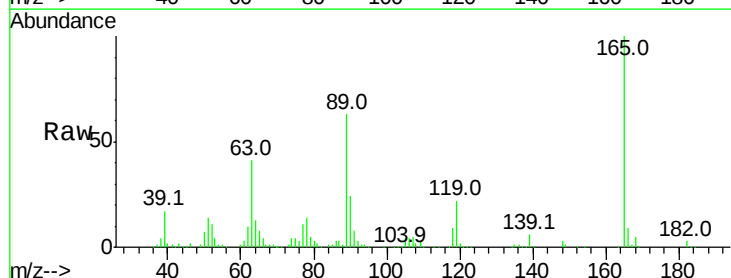
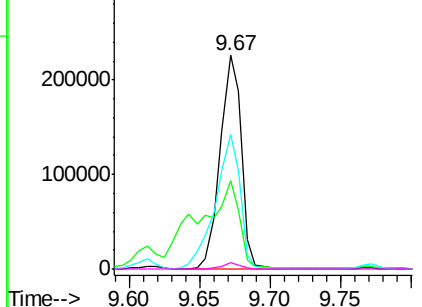
182 2.7 1.8 2.6#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





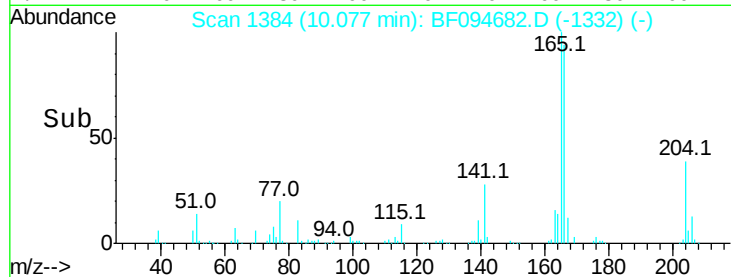
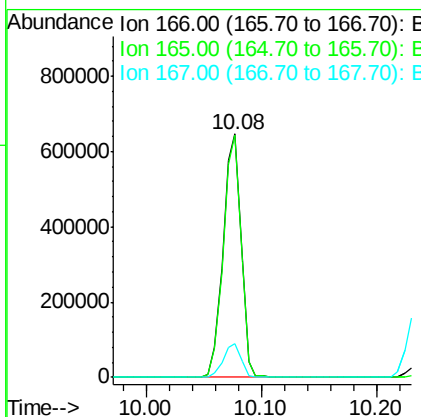
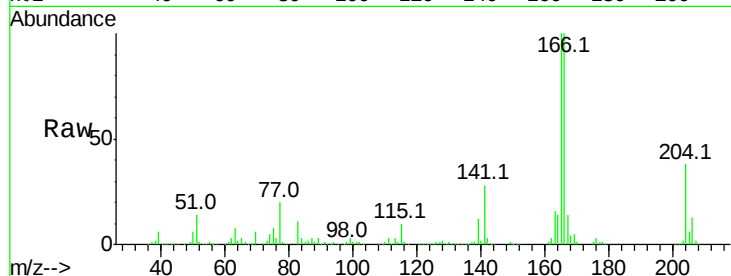
#57
 Fluorene
 Concen: 53.21 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	696308		
165	99.6	78.8	118.2	
167	13.9	10.6	16.0	

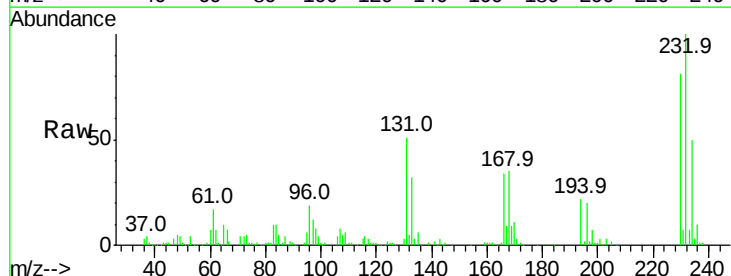
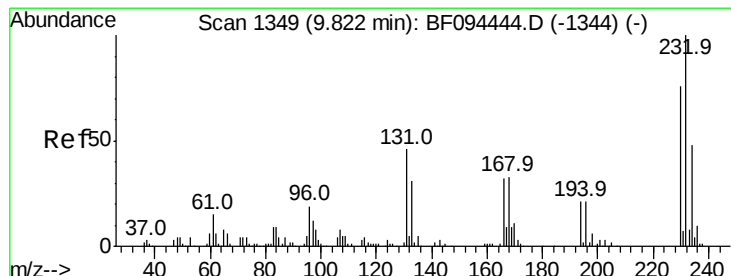
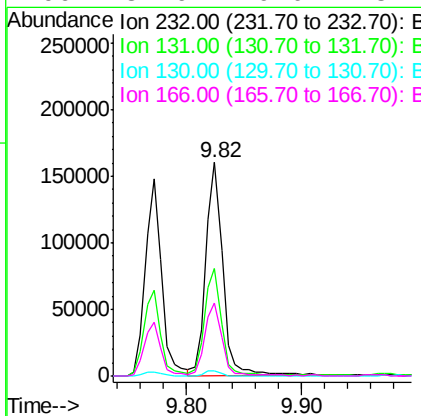
Manual Integrations
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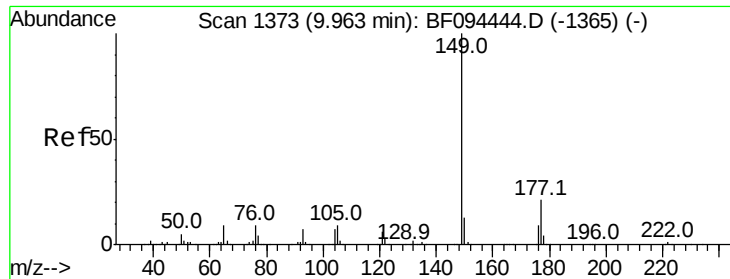
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.37 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	163779		
231	50.0	44.8	67.2	
130	2.4	2.3	3.5	
166	34.6	29.0	43.4	





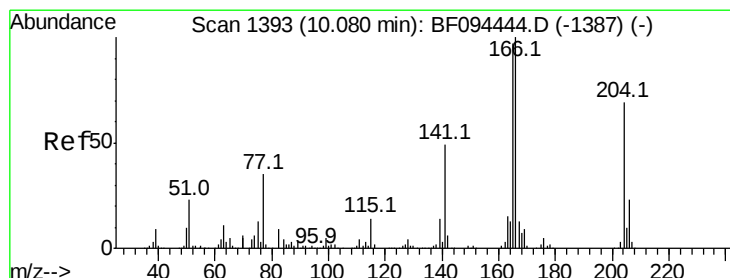
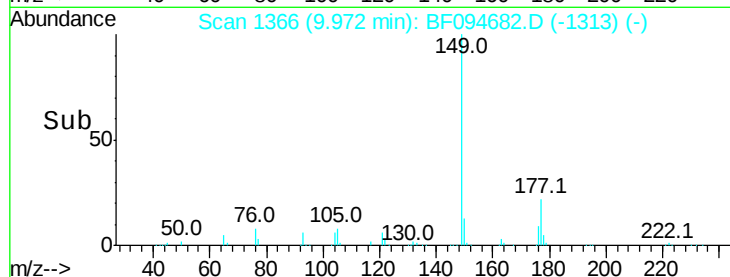
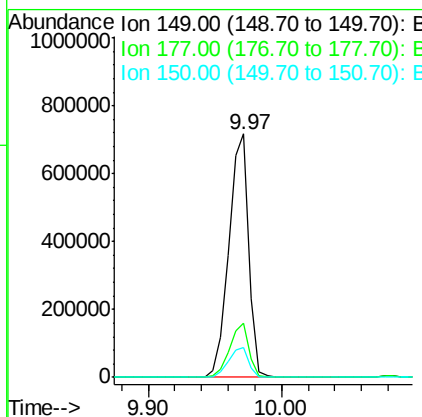
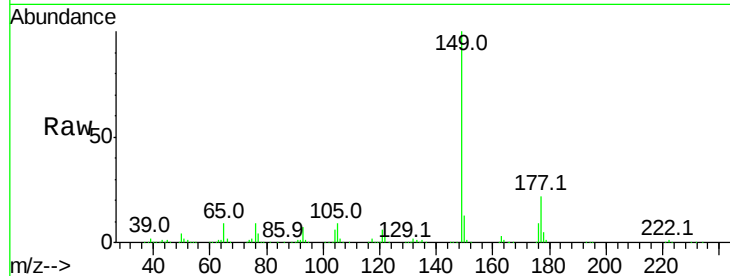
#59
Diethylphthalate
Concen: 56.21 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	753434		
177	22.0	16.7	25.1	
150	12.5	10.2	15.2	

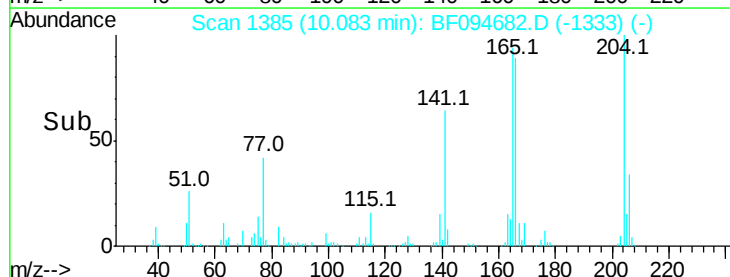
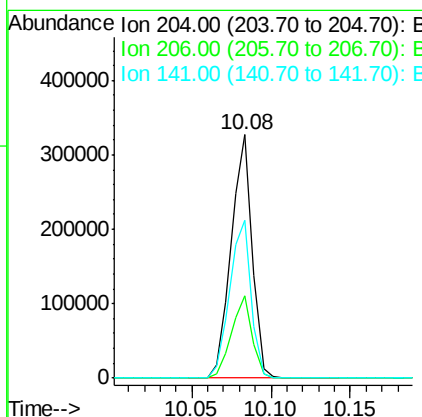
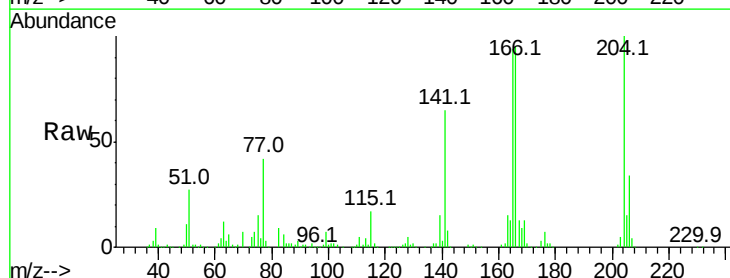
Manual Integrations
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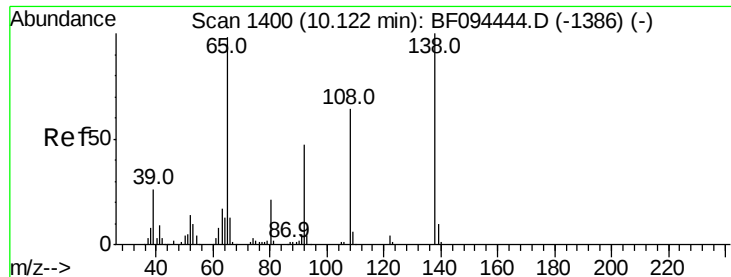
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 55.26 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	300969		
206	33.9	26.2	39.2	
141	64.8	60.8	91.2	





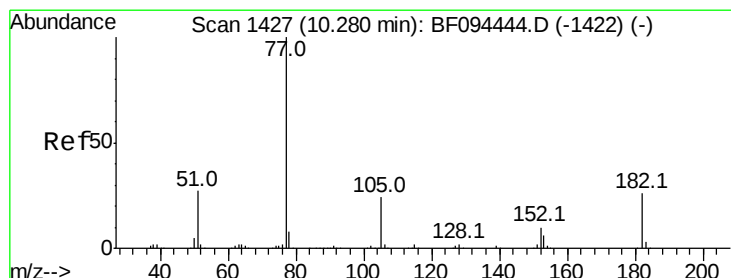
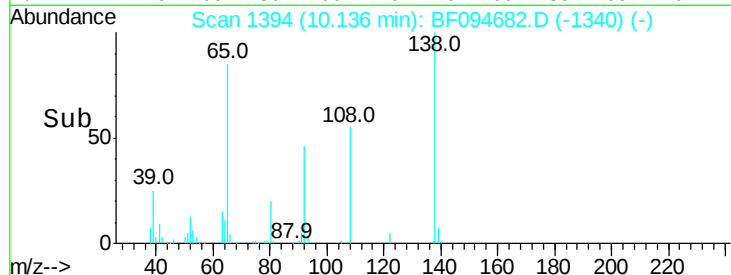
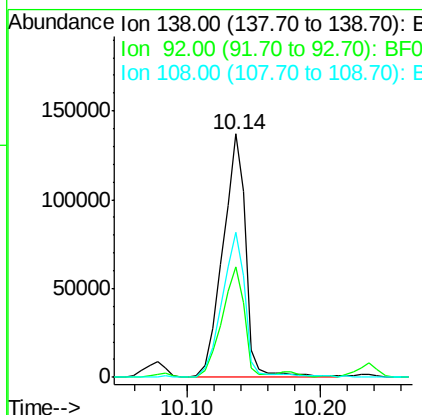
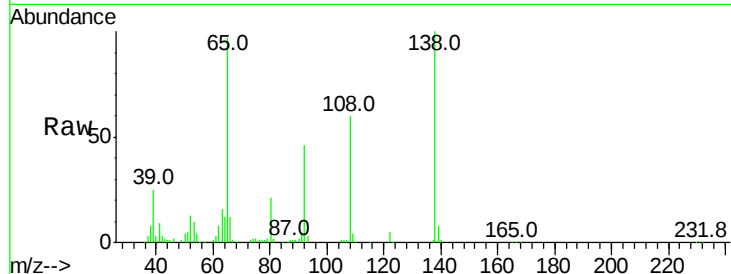
#61
4-Nitroaniline
Concen: 44.44 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.6	21.8	61.8
108	59.6	42.3	82.3

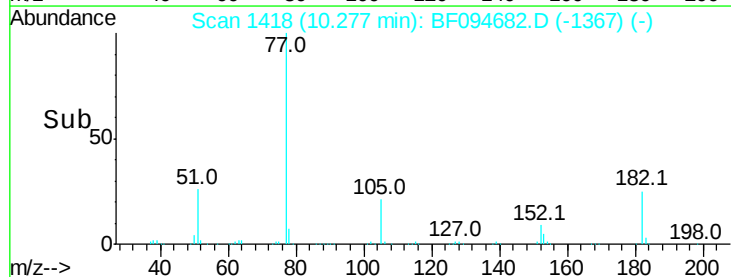
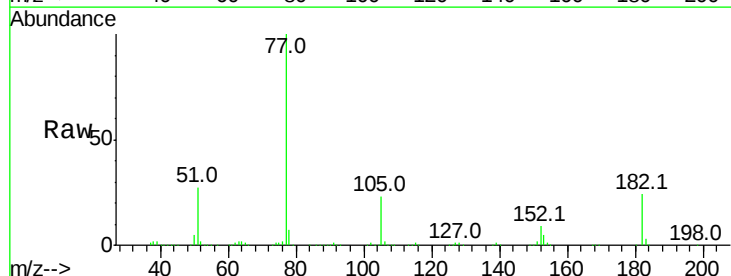
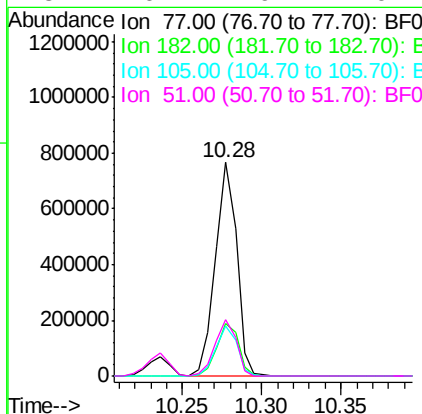
Manual Integrations
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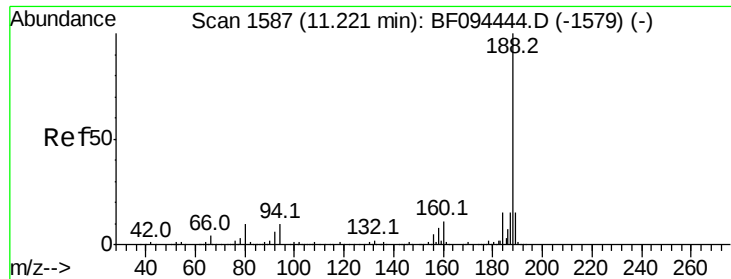
mohammad
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#62
Azobenzene
Concen: 54.99 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	0.1	40.1
105	23.3	3.6	43.6
51	26.7	9.4	49.4





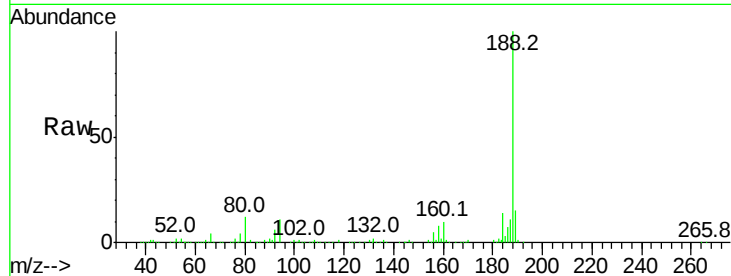
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

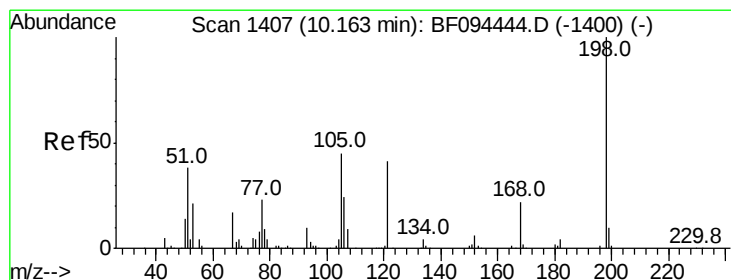
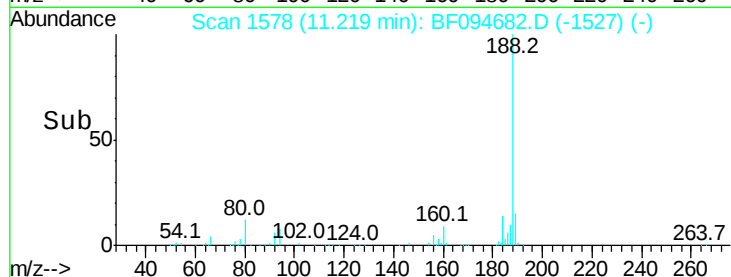
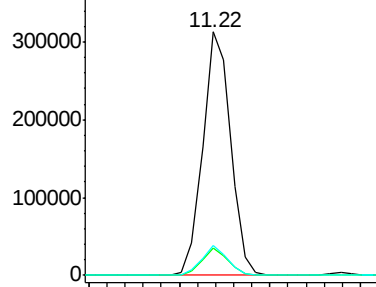
Tot Ion	Ratio	Resp	Lower	Upper
188	100	333954		
94	11.2		9.4	14.2
80	12.2		10.2	15.2

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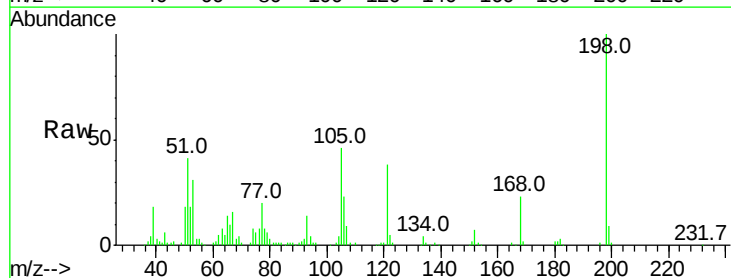


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

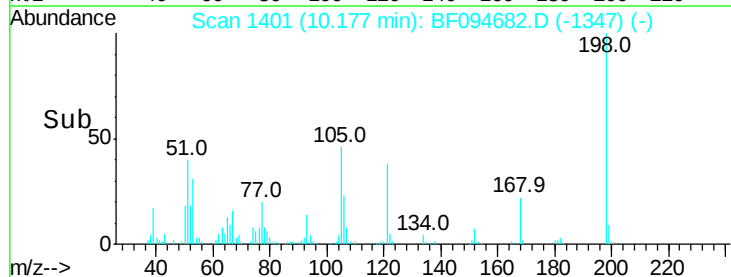
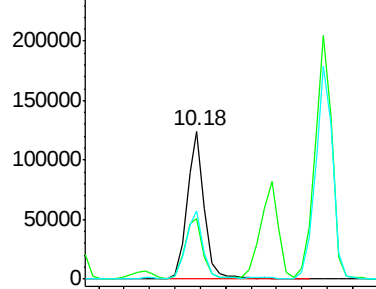


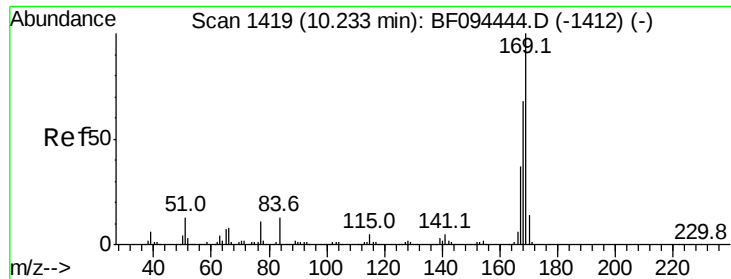
#64
4,6-Dinitro-2-methylphenol
Concen: 54.50 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	119248		
51	40.7		53.2	93.2#
105	46.0		45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





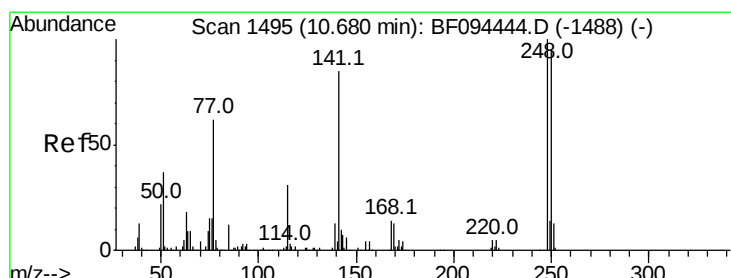
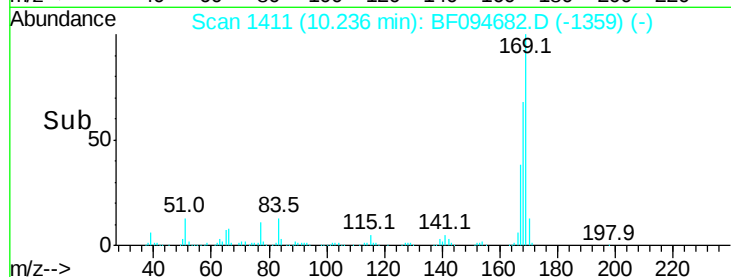
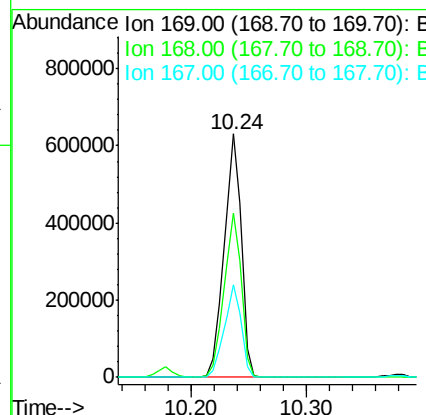
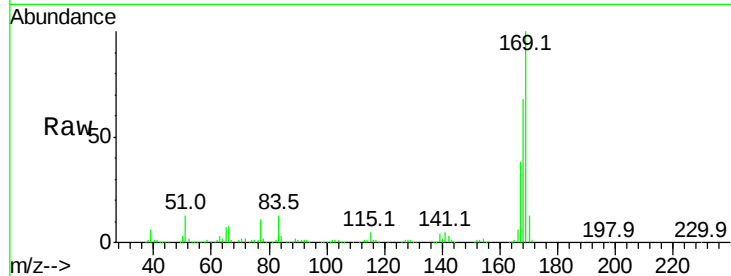
#65
n-Nitrosodiphenylamine
Concen: 56.08 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	651341		
168	67.6	53.2	79.8	
167	38.1	29.5	44.3	

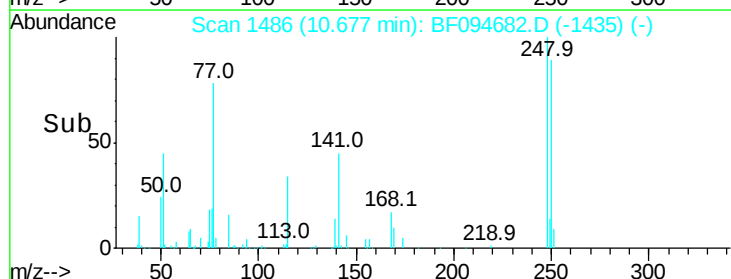
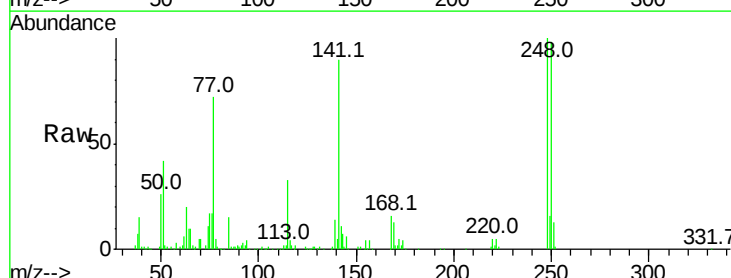
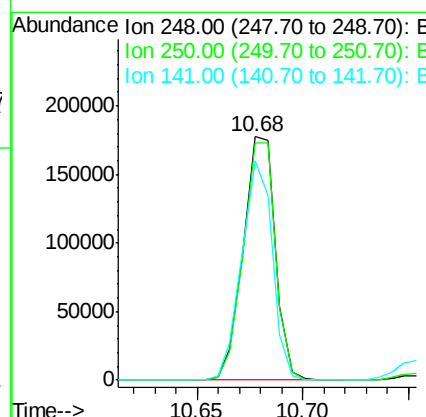
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#66
4-Bromophenyl-phenylether
Concen: 56.41 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	187054		
250	97.7	76.8	115.2	
141	89.9	68.6	103.0	





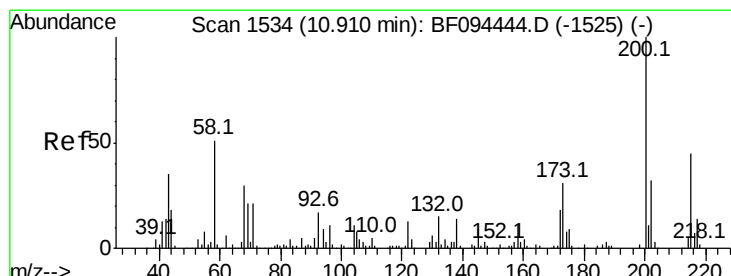
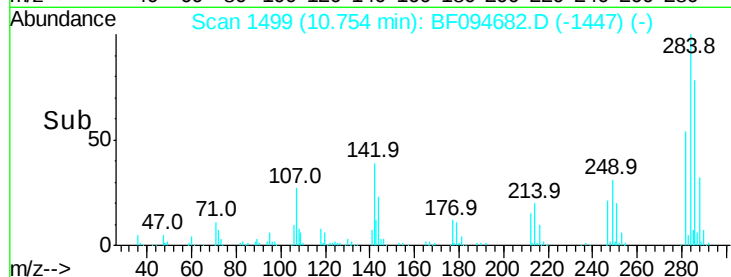
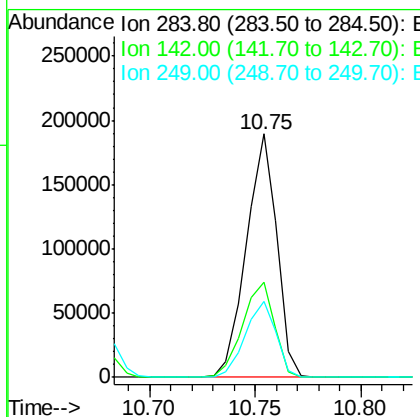
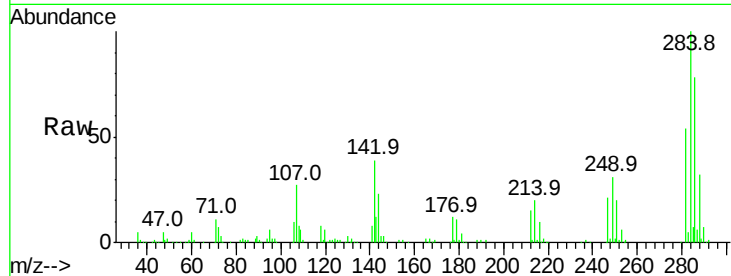
#67
Hexachlorobenzene
Concen: 56.88 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	39.3	22.8	34.2#
249	31.3	24.0	36.0

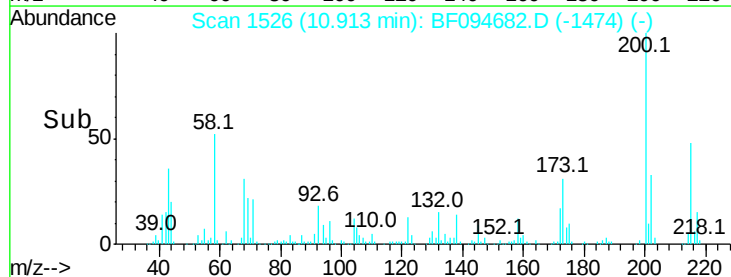
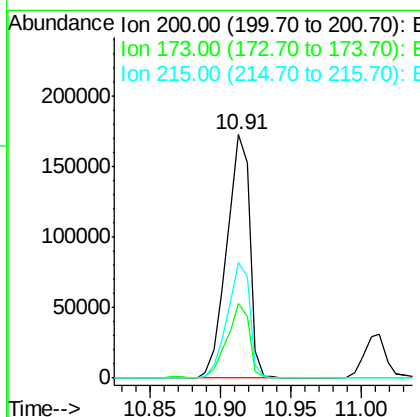
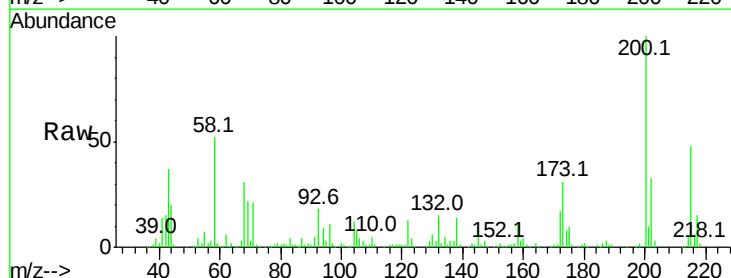
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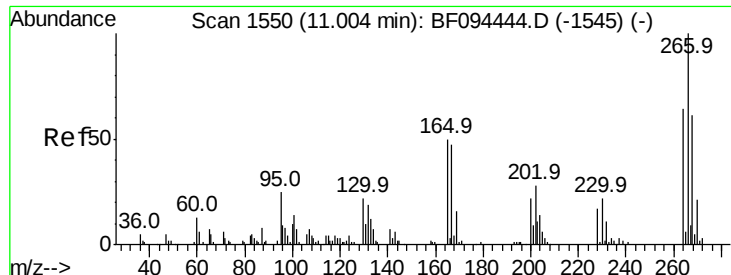
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#68
Atrazine
Concen: 56.56 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	30.6	6.3	46.3
215	47.6	27.2	67.2





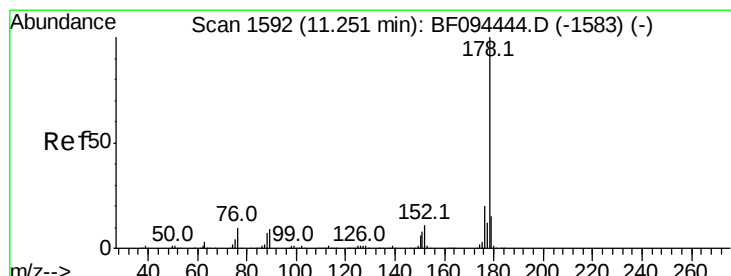
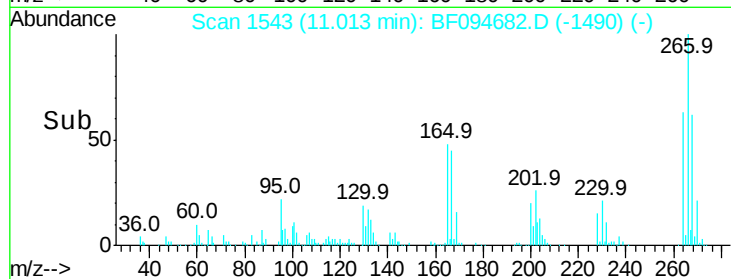
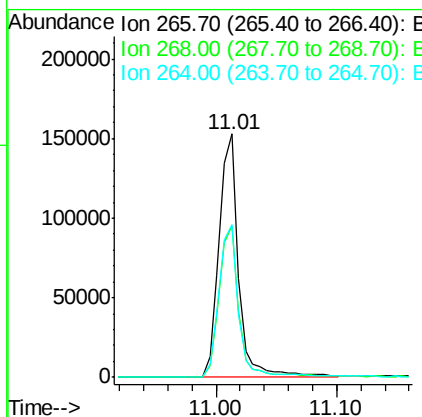
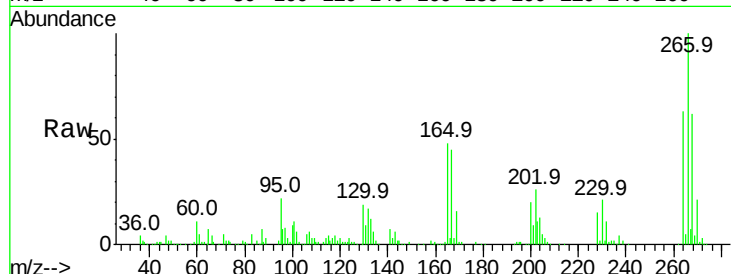
#69
 Pentachlorophenol
 Concen: 129.18 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.9	51.7	77.5

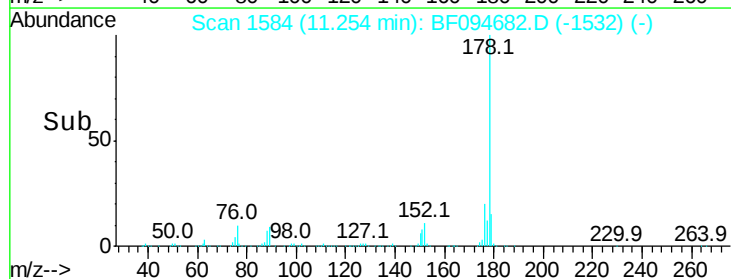
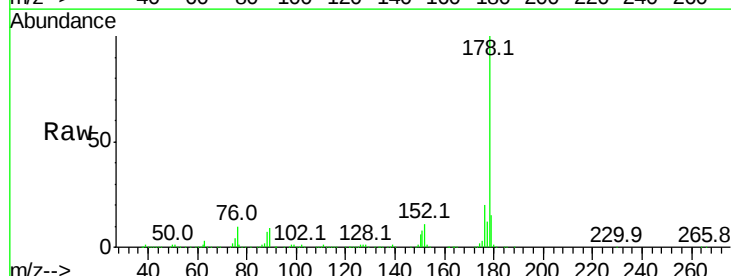
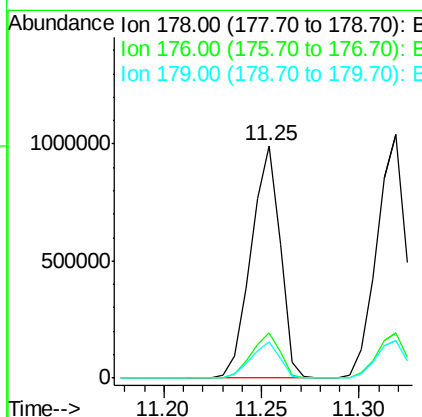
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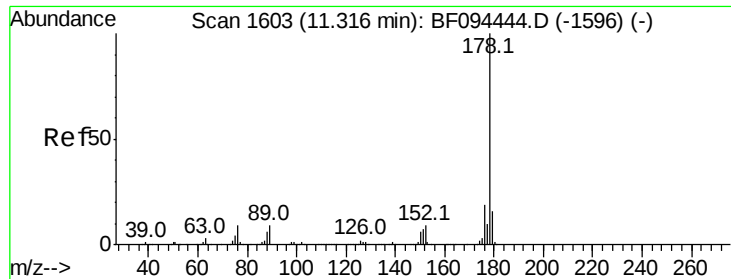
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#70
 Phenanthrene
 Concen: 54.60 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0





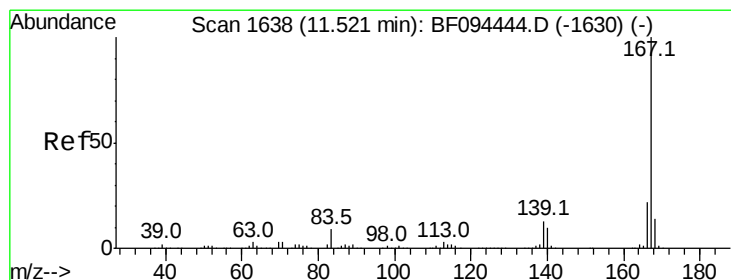
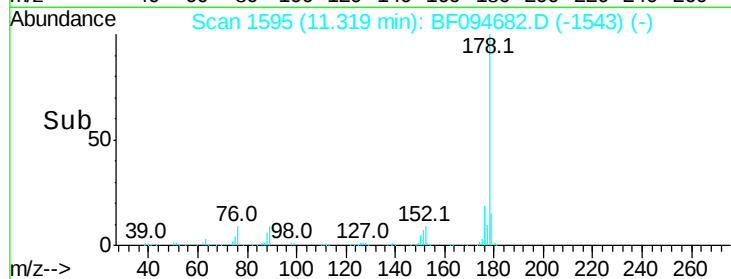
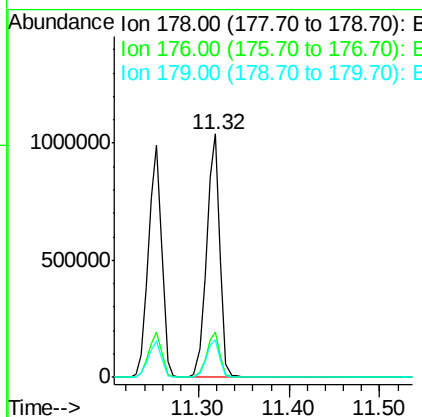
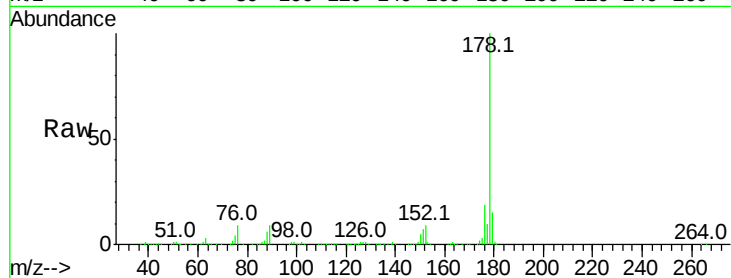
#71
 Anthracene
 Concen: 55.01 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion:178 Resp: 1070058
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.5 12.7 19.1

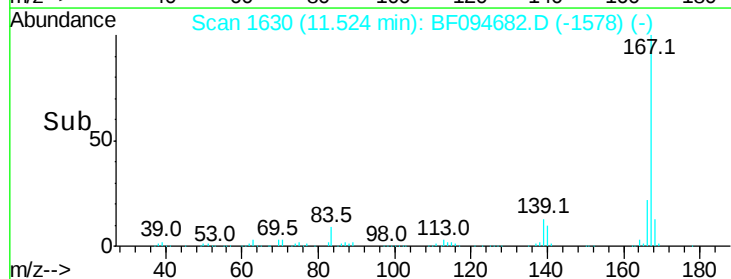
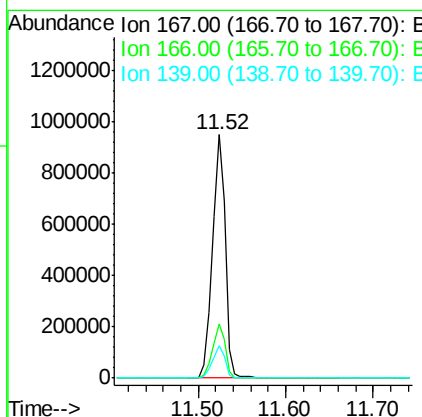
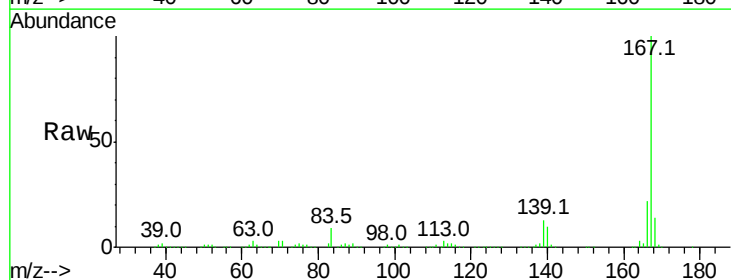
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#72
 Carbazole
 Concen: 53.53 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion:167 Resp: 977396
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.1 11.7 17.5





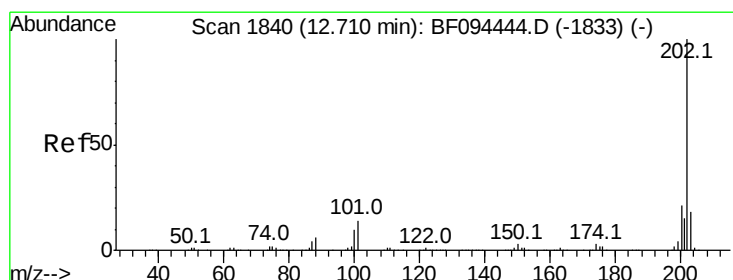
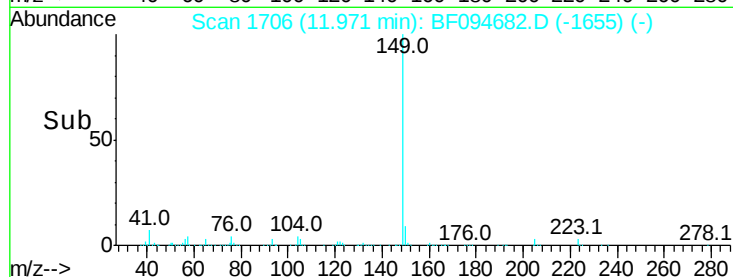
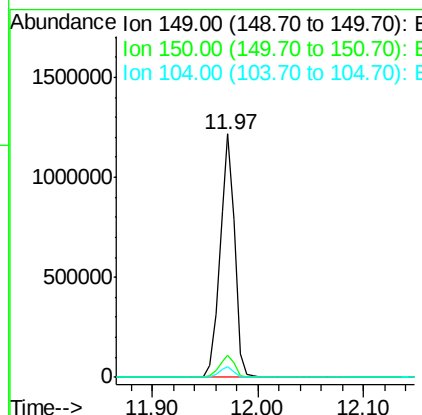
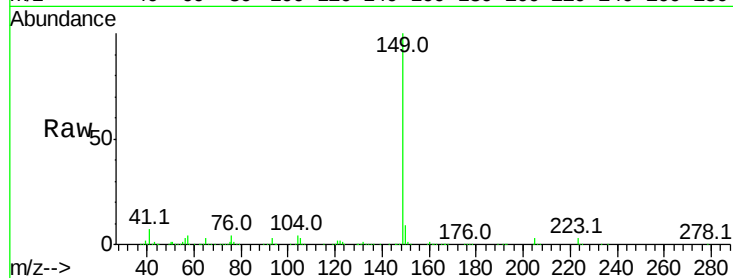
#73
Di-n-butylphthalate
Concen: 59.30 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion:149 Resp: 1192157
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.4 4.0 6.0

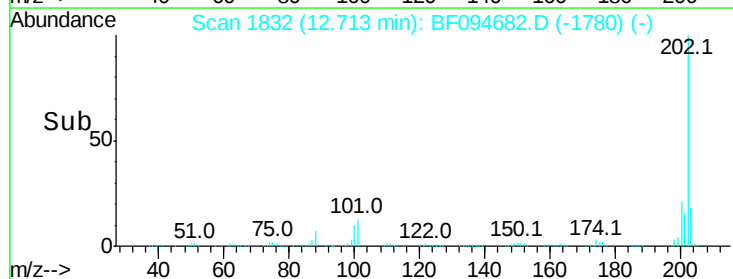
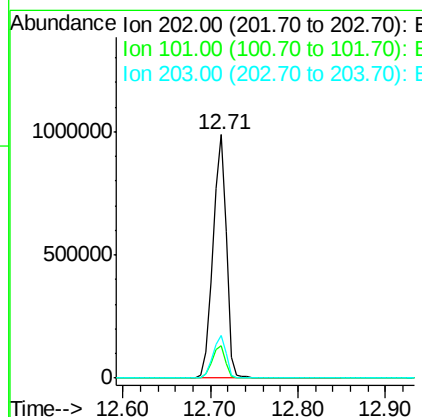
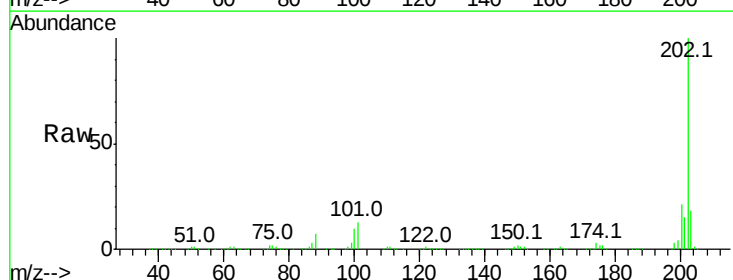
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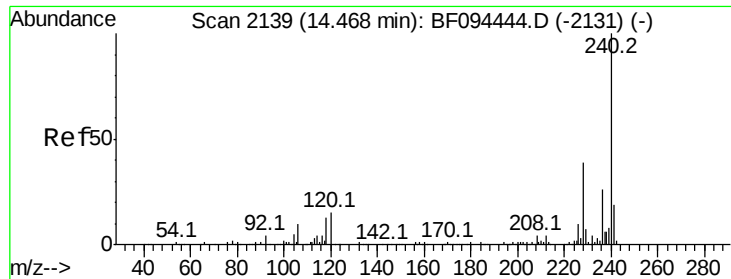
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#74
Fluoranthene
Concen: 54.32 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion:202 Resp: 1058700
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.6 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: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

ClientSampleId :

PB98544BS

Tot Ion:240 Resp: 266726

Ion Ratio Lower Upper

240 100

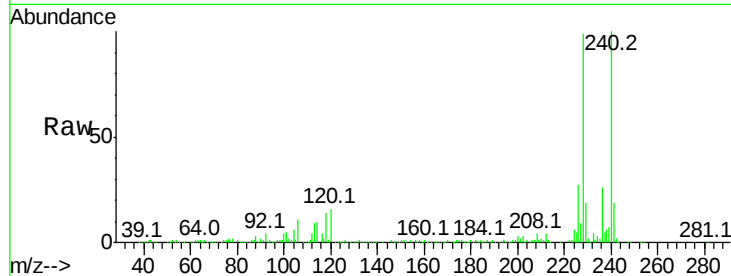
120 15.6 5.8 8.8#

236 25.6 20.5 30.7

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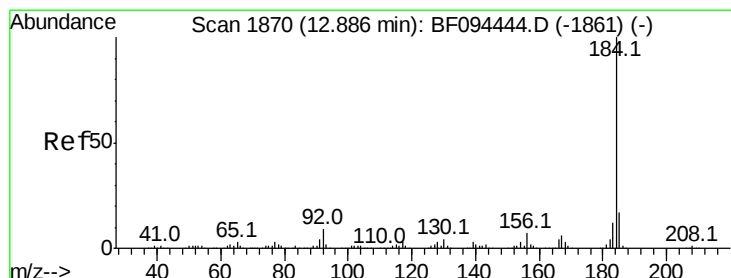
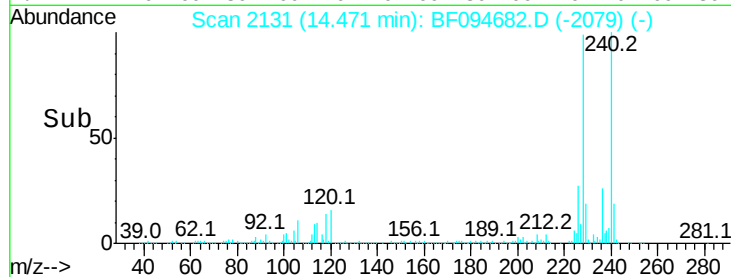
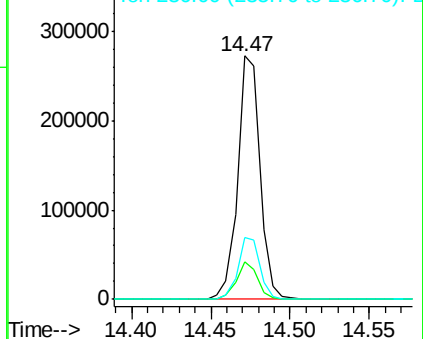
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.83 ng

RT: 12.89 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

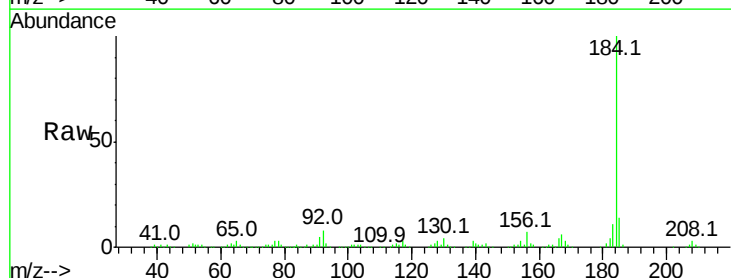
Tgt Ion:184 Resp: 354500

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

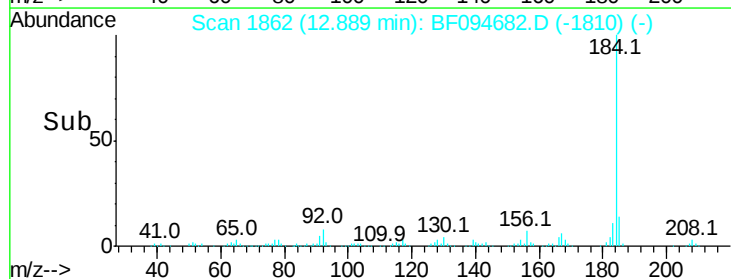
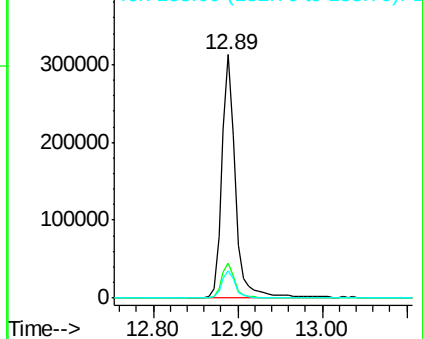
183 11.4 9.8 14.6

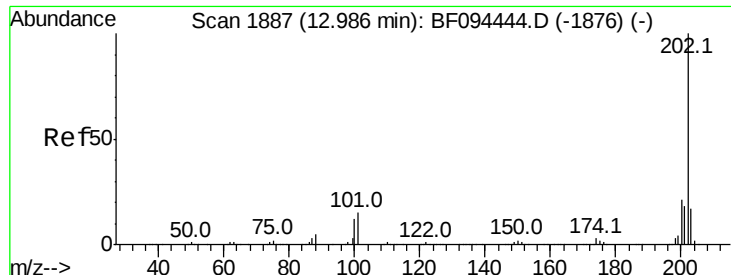


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





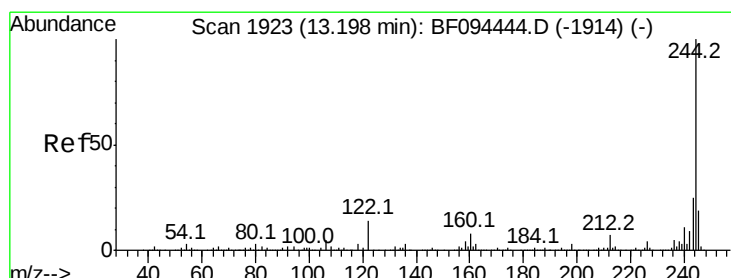
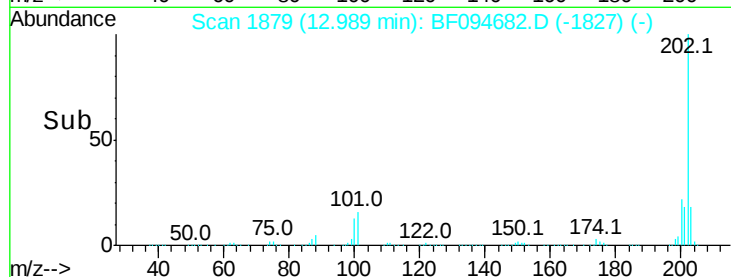
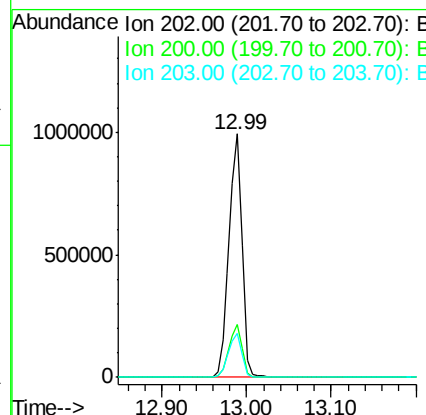
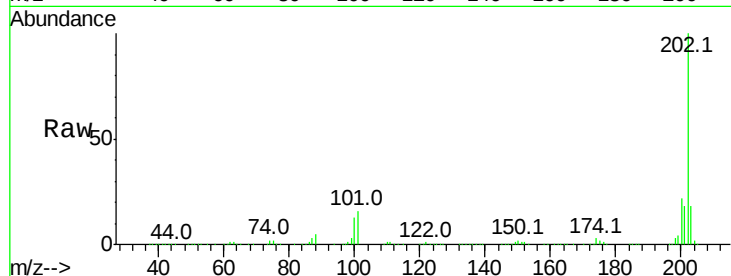
#77
Pvrene
Concen: 57.87 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.9	14.4	21.6

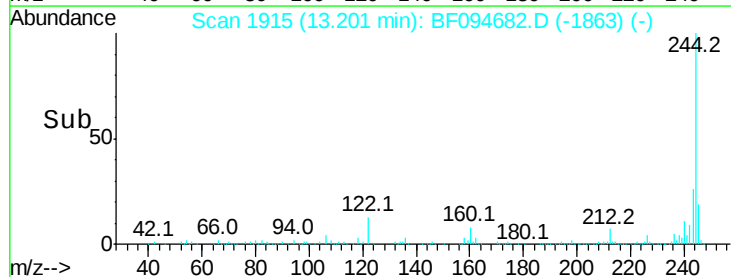
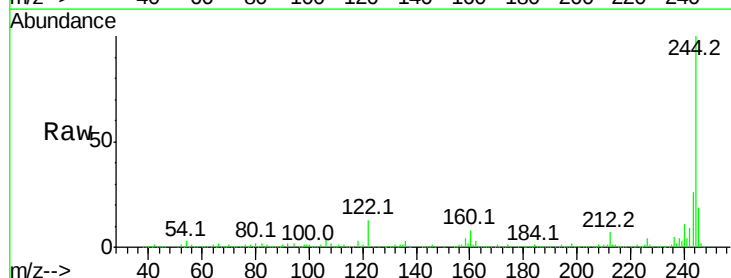
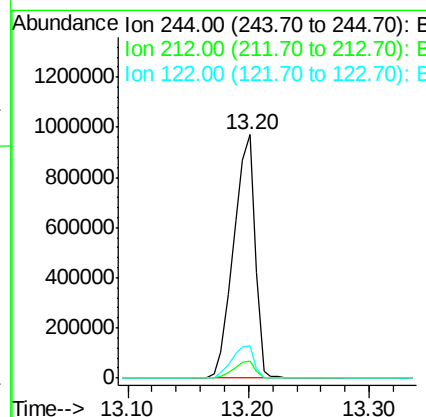
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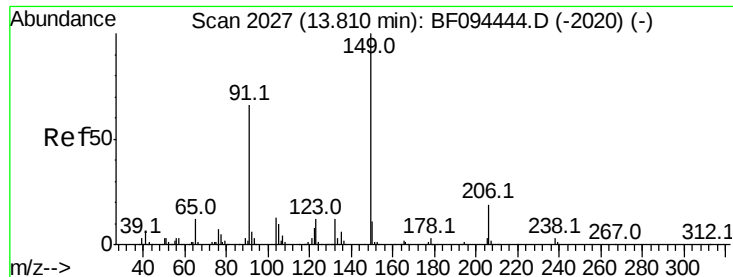
mohammad
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#78
Terphenyl-d14
Concen: 120.32 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.3	10.3	15.5





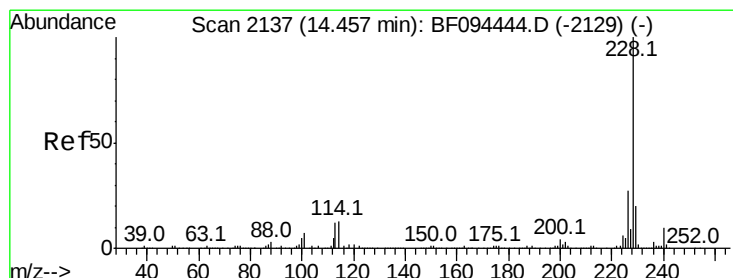
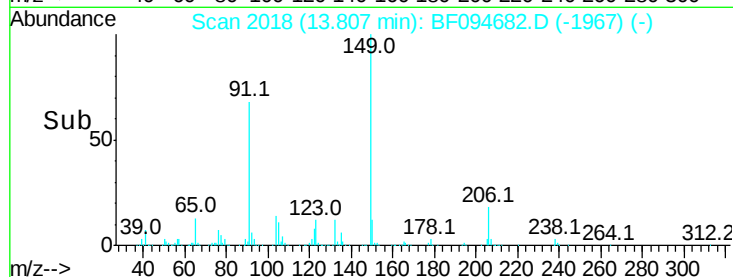
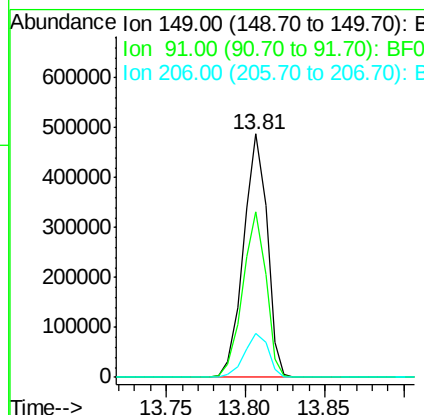
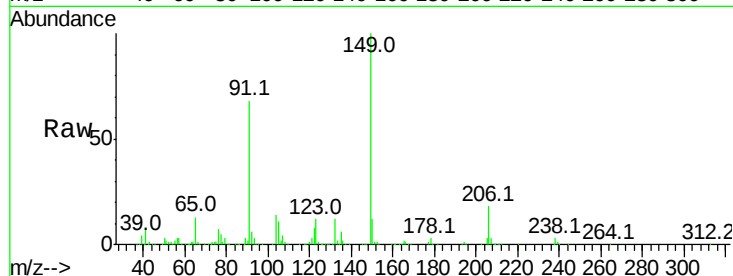
#79
Butylbenzylphthalate
Concen: 61.97 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	506076		
91	68.2	45.0	67.4#	
206	17.9	17.0	25.6	

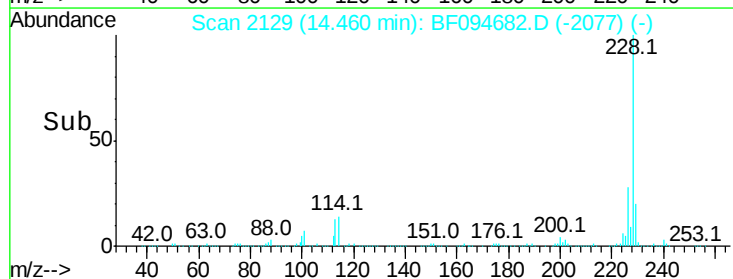
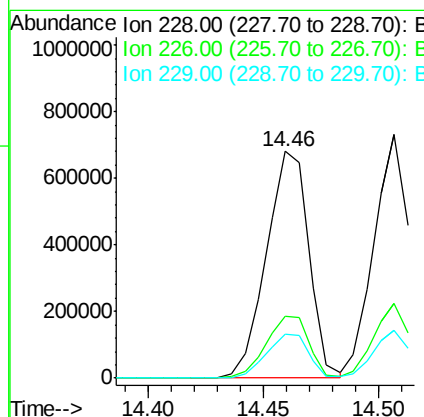
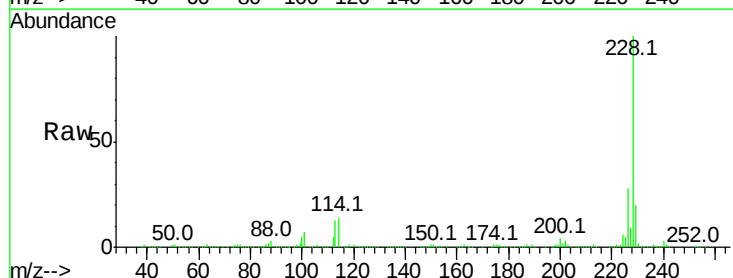
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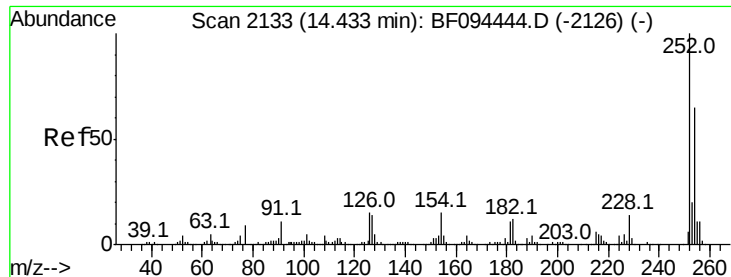
mohammad
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#80
Benzo(a)anthracene
Concen: 55.94 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	867224		
226	27.5	22.6	33.8	
229	19.6	16.3	24.5	





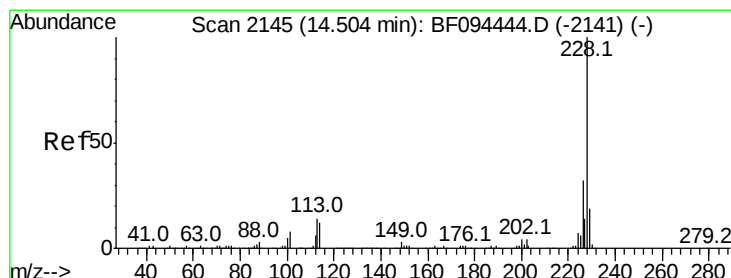
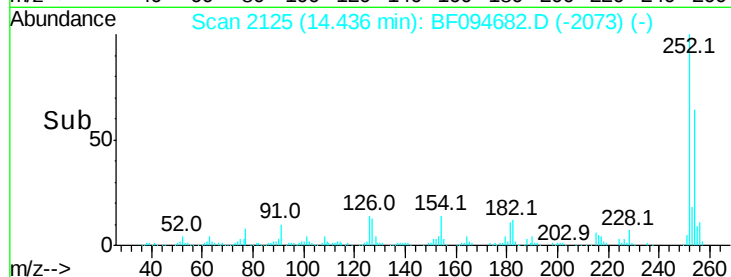
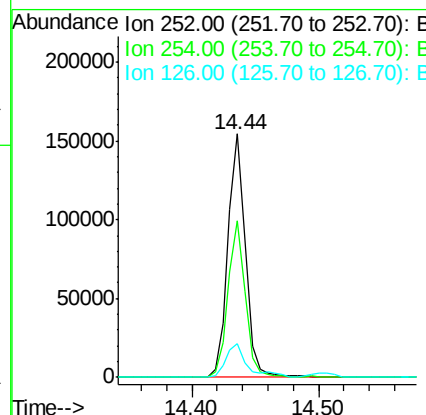
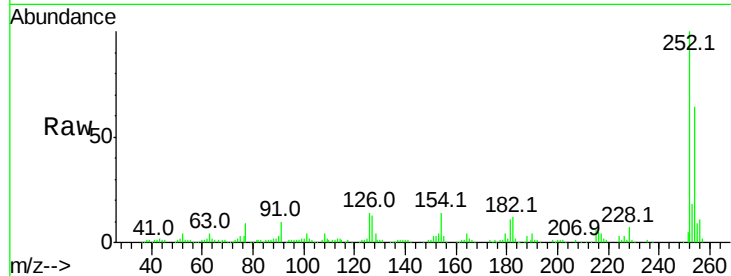
#81
 3,3'-Dichlorobenzidine
 Concen: 27.25 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	51.5	77.3
126	13.9	15.8	23.8

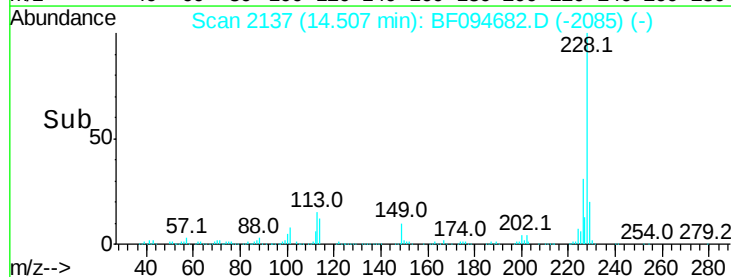
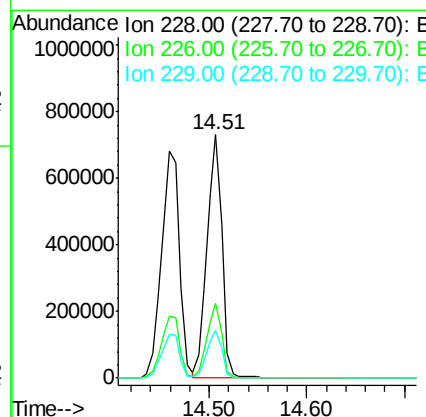
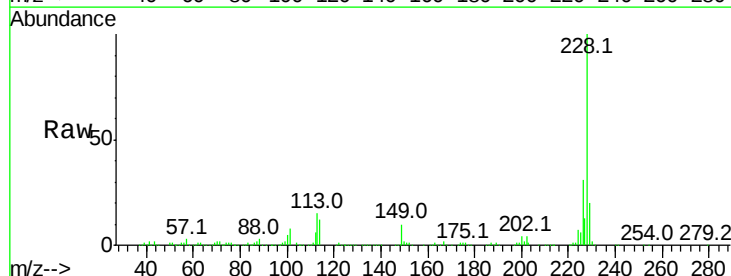
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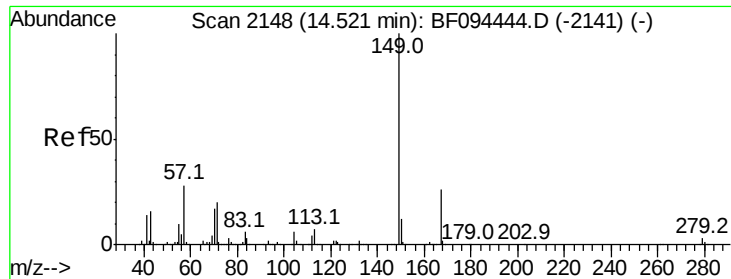
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#82
 Chrysene
 Concen: 54.68 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	24.9	37.3
229	19.8	15.8	23.6





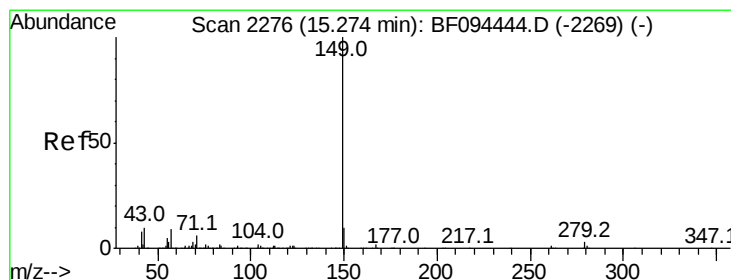
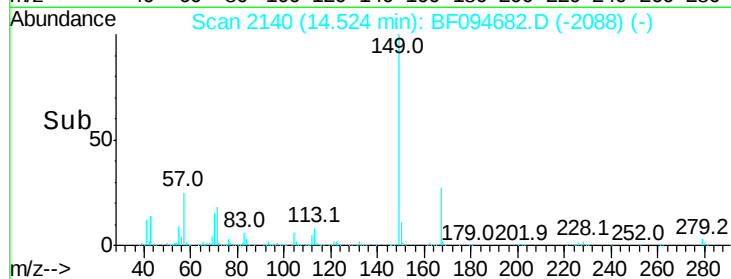
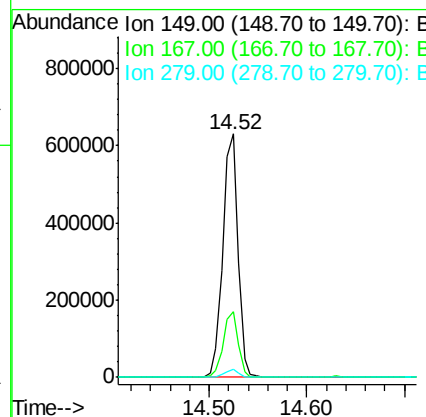
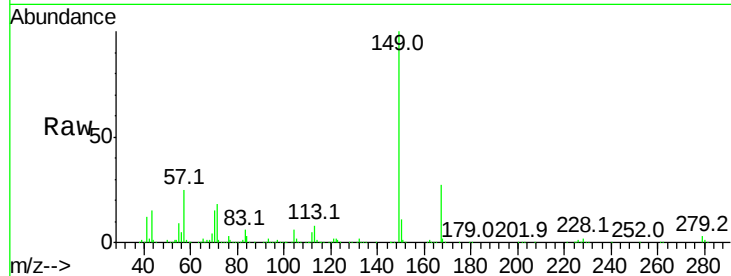
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.29 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	683060		
167	27.0		21.0	31.4
279	3.2		1.9	2.9#

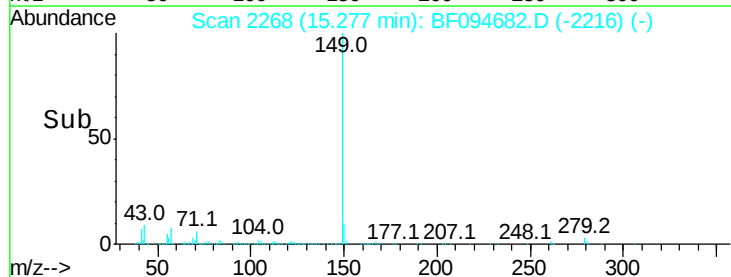
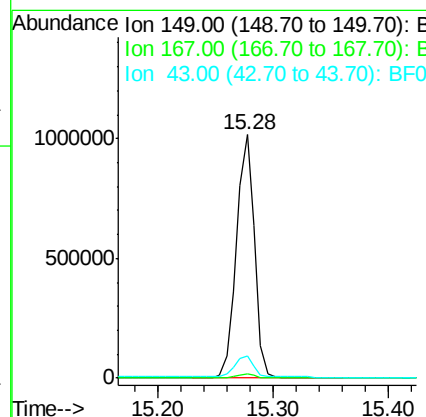
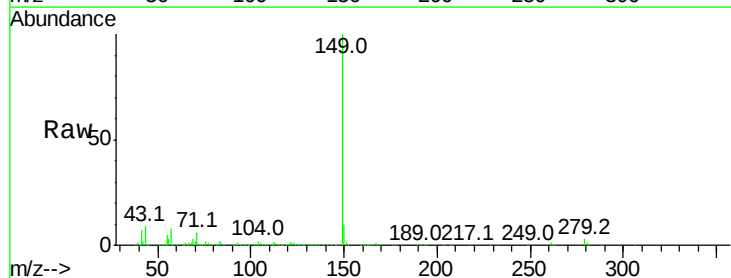
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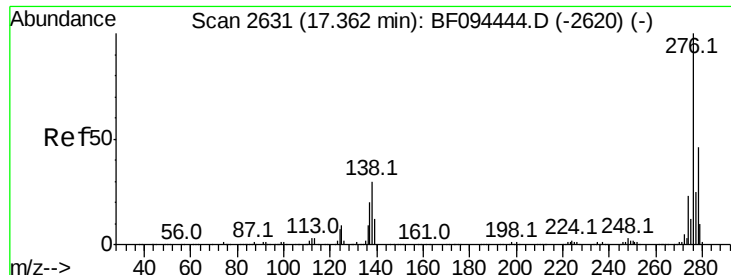
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#84
 Di-n-octyl phthalate
 Concen: 59.61 ng
 RT: 15.28 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1096328		
167	1.6		1.2	1.8
43	9.0		8.5	12.7





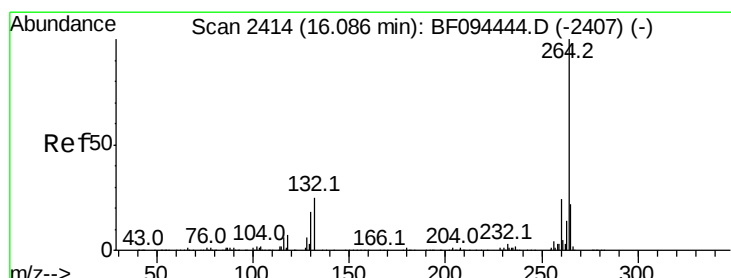
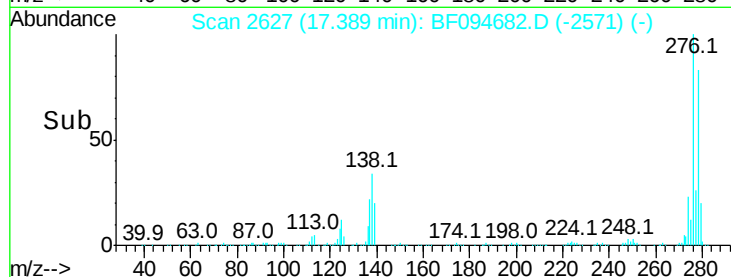
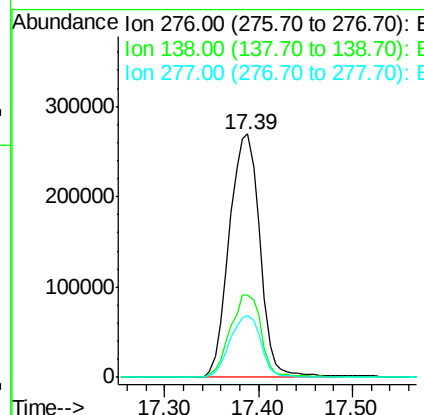
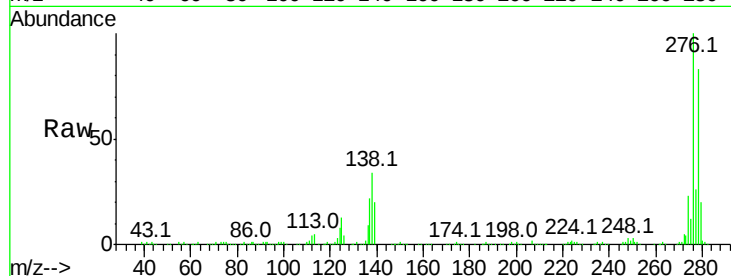
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.47 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.6	20.2	30.4

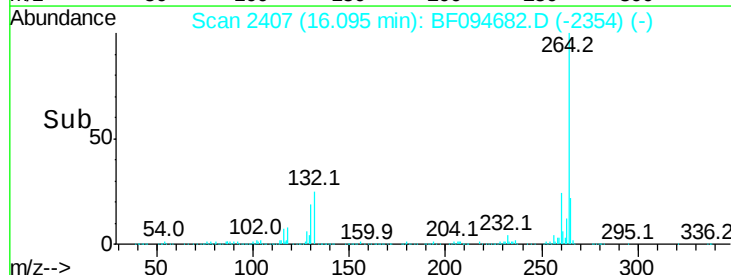
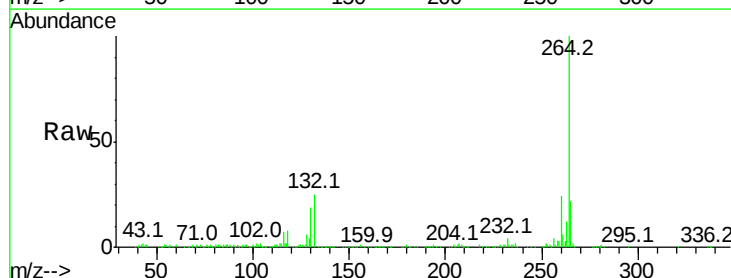
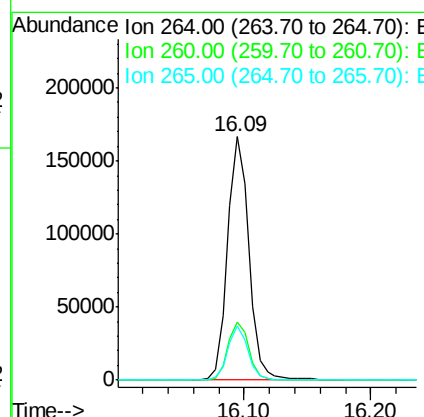
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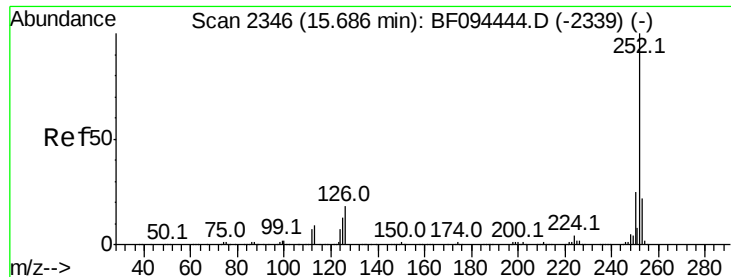
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 59.85 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Instrument :

BNA_F

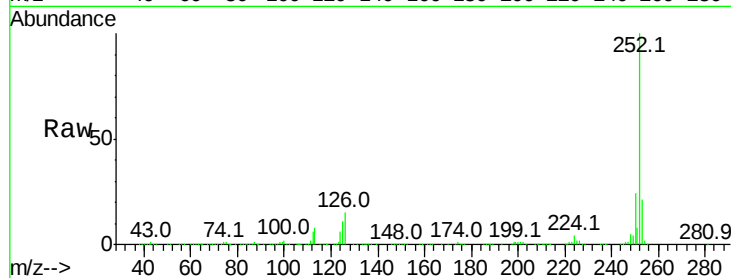
ClientSampleId :

PB98544BS

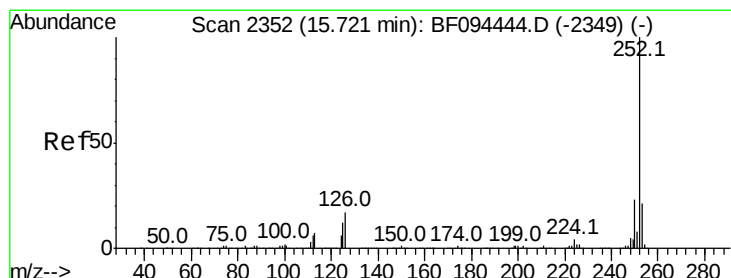
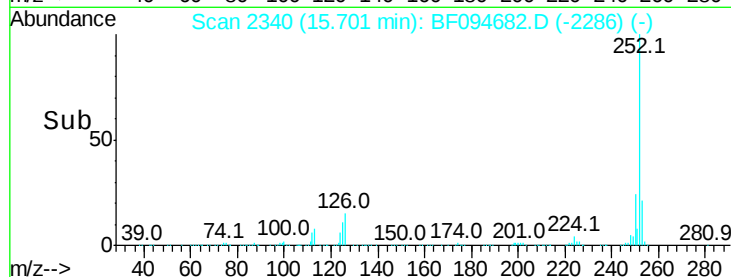
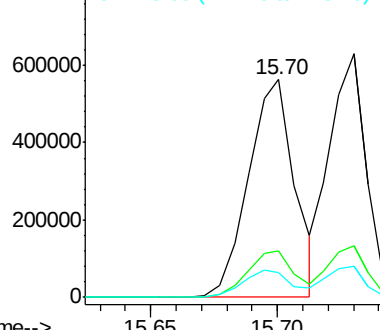
Tot Ion:	252	Resp:	714270
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.1	27.1
125	11.2	9.8	14.8

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



#88

Benzo(k)fluoranthene

Concen: 57.40 ng

RT: 15.73 min Scan# 2345

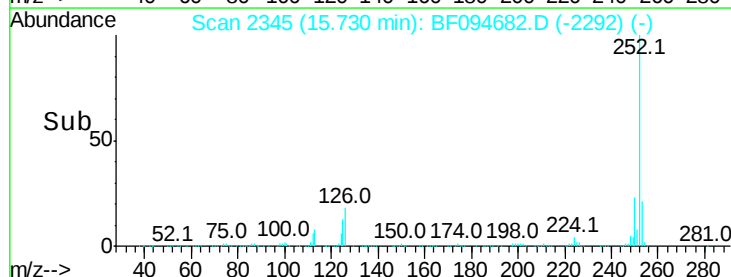
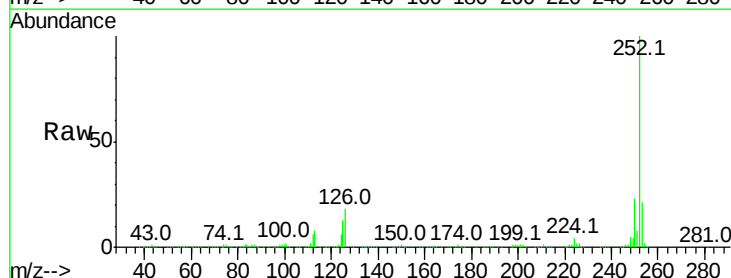
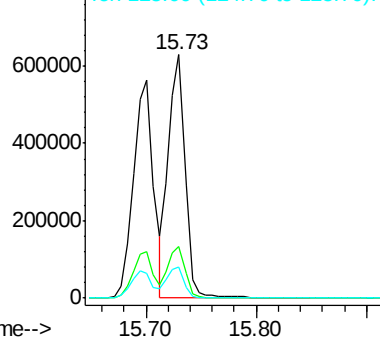
Delta R.T. 0.01 min

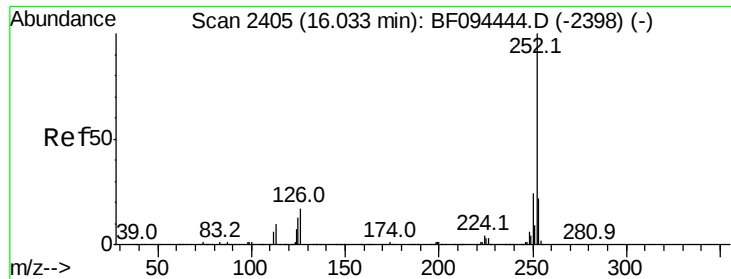
Lab File: BF094682.D

Acq: 28 Apr 2017 14:38

Tgt Ion:	252	Resp:	648210
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.4	27.6
125	12.7	13.1	19.7#

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





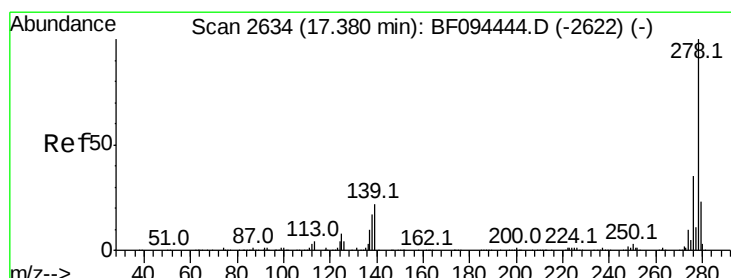
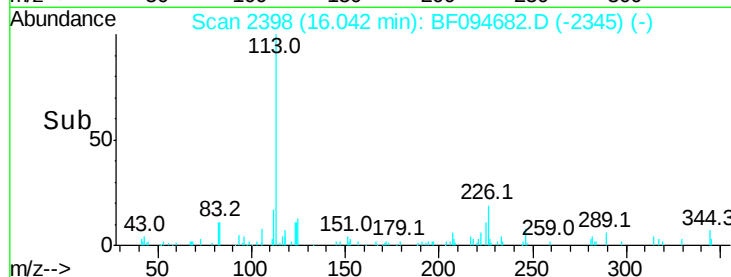
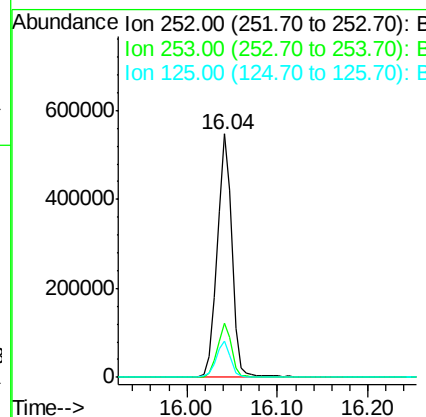
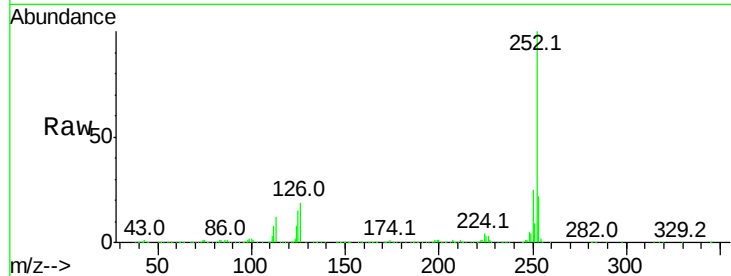
#89
Benzo(a)pyrene
Concen: 55.64 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Instrument :
BNA_F
ClientSampleId :
PB98544BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	15.0	11.0	16.4

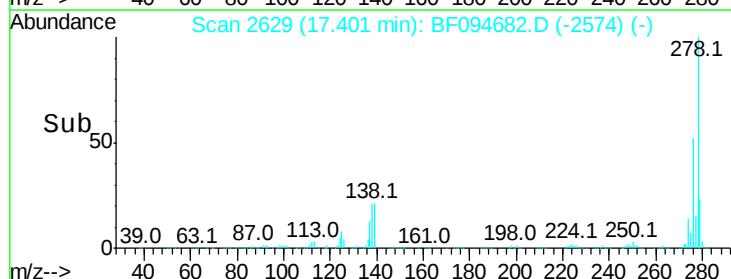
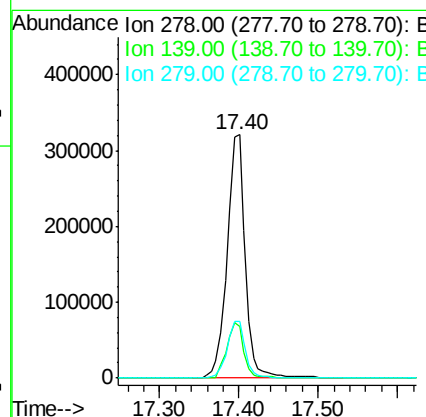
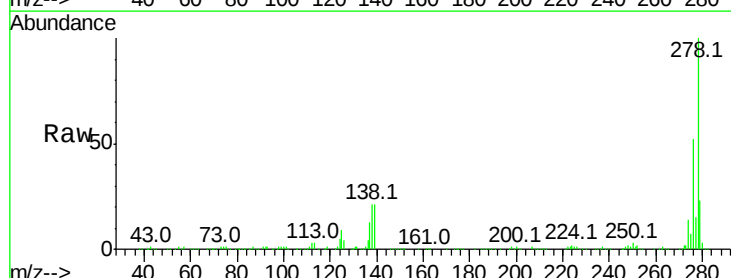
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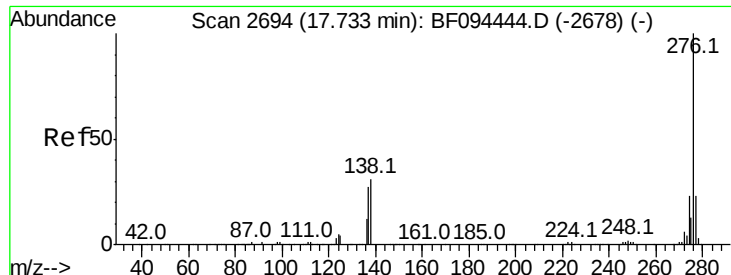
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 55.19 ng
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094682.D
Acq: 28 Apr 2017 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	23.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 53.91 ng
 RT: 17.76 min Scan# 2690
 Delta R.T. 0.03 min
 Lab File: BF094682.D
 Acq: 28 Apr 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB98544BS

Tot Ion:	276	Resp:	506034
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.6	28.0
138	30.7	25.4	38.0

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