

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094575.D
 Acq On : 21 Apr 2017 21:05
 Operator : SJ/MA
 Sample : I2786-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:31 PM

Quant Time: Apr 22 01:48:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	104530	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	414248	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	163400	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	346472	20.00	ng	0.00
75) Chrysene-d12	14.47	240	283599	20.00	ng	0.00
86) Perylene-d12	16.09	264	265640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	865464	137.36	ng	0.03
7) Phenol-d6	5.41	99	1047842	141.07	ng	0.02
23) Nitrobenzene-d5	6.43	82	663664	98.93	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	225437	176.39	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1212537	109.18	ng	0.00
78) Terphenyl-d14	13.20	244	1008034	95.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	123184	33.62	ng	100
3) Pyridine	2.64	79	298981	37.33	ng	99
4) n-Nitrosodimethylamine	2.58	42	145202	43.82	ng	86
6) Aniline	5.41	93	302978	30.69	ng	# 86
8) 2-Chlorophenol	5.55	128	335053	46.73	ng	93
9) Benzaldehyde	5.28	77	52922	9.37	ng	93
10) Phenol	5.42	94	460670	50.49	ng	95
11) bis(2-Chloroethyl)ether	5.50	93	314353	47.16	ng	94
12) 1,3-Dichlorobenzene	5.71	146	354816	44.67	ng	100
13) 1,4-Dichlorobenzene	5.80	146	362444	45.35	ng	99
14) 1,2-Dichlorobenzene	5.97	146	338842	46.03	ng	95
15) Benzyl Alcohol	5.96	79	255300	46.33	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.11	45	412002	47.14	ng	# 26
17) 2-Methylphenol	6.10	107	270586	47.92	ng	# 92
18) Hexachloroethane	6.36	117	117275	42.81	ng	# 86
19) n-Nitroso-di-n-propylamine	6.27	70	236968	48.15	ng	95
20) 3+4-Methylphenols	6.28	107	369494	48.16	ng	# 61
22) Acetophenone	6.25	105	475779	47.24	ng	# 86
24) Nitrobenzene	6.45	77	333892	47.26	ng	93
25) Isophorone	6.74	82	600086	48.25	ng	# 94
26) 2-Nitrophenol	6.82	139	177159	46.68	ng	96
27) 2,4-Dimethylphenol	6.90	122	294884	47.83	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	391084	48.62	ng	99
29) 2,4-Dichlorophenol	7.13	162	283519	49.43	ng	99
30) 1,2,4-Trichlorobenzene	7.21	180	277368	46.78	ng	98
31) Naphthalene	7.30	128	937728	47.09	ng	100
32) Benzoic acid	7.04	122	38222	11.72	ng	89
33) 4-Chloroaniline	7.38	127	148681	17.95	ng	# 92
34) Hexachlorobutadiene	7.45	225	139571	47.21	ng	99
35) Caprolactam	7.84	113	87896m	48.78	ng	
36) 4-Chloro-3-methylphenol	8.00	107	268222	44.63	ng	89
37) 2-Methylnaphthalene	8.14	142	652581	47.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	254175	54.63	ng	99
40) Hexachlorocyclopentadiene	8.33	237	93558	49.70	ng	99

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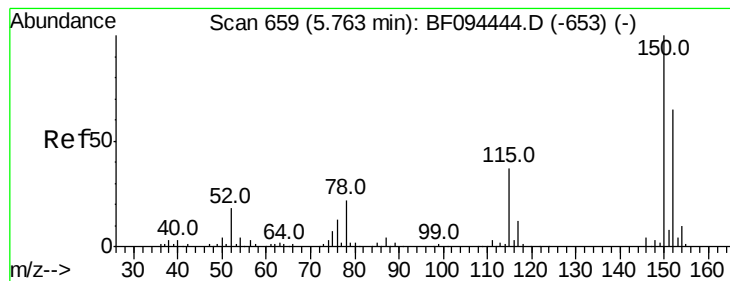
Manual Integrations
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 4/24/2017 5:13:31 PM

Quant Time: Apr 22 01:48:37 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	163885	50.16	nq	97
43) 2,4,5-Trichlorophenol	8.56	196	182881	54.50	nq	93
45) 1,1'-Biphenyl	8.71	154	737391	55.23	nq	98
46) 2-Chloronaphthalene	8.73	162	582909	54.91	nq	94
47) 2-Nitroaniline	8.87	65	171259	56.08	nq	# 79
48) Acenaphthylene	9.23	152	725324	43.83	nq	98
49) Dimethylphthalate	9.11	163	937283	76.97	nq	100
50) 2,6-Dinitrotoluene	9.17	165	153441	56.14	nq	# 89
51) Acenaphthene	9.45	154	483679	48.80	nq	99
52) 3-Nitroaniline	9.38	138	109669	34.68	nq	86
53) 2,4-Dinitrophenol	9.51	184	31524	25.48	nq	# 74
54) Dibenzofuran	9.66	168	785116	54.50	nq	98
55) 4-Nitrophenol	9.64	139	221503m	99.15	nq	
56) 2,4-Dinitrotoluene	9.67	165	196164	58.49	nq	# 92
57) Fluorene	10.08	166	633225	56.45	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	145022	60.30	nq	# 97
59) Diethylphthalate	9.97	149	717188	62.42	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	281902	60.38	nq	90
61) 4-Nitroaniline	10.13	138	157407	48.96	nq	96
62) Azobenzene	10.28	77	663914	59.51	nq	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	40121	17.67	nq	# 73
65) n-Nitrosodiphenylamine	10.24	169	599146	49.72	nq	97
66) 4-Bromophenyl-phenylether	10.68	248	169271	49.20	nq	98
67) Hexachlorobenzene	10.76	284	163885	47.27	nq	# 91
68) Atrazine	10.92	200	172198	47.77	nq	98
69) Pentachlorophenol	11.01	266	150229	109.12	nq	98
70) Phenanthrene	11.25	178	934877	47.92	nq	99
71) Anthracene	11.32	178	943833	46.77	nq	98
72) Carbazole	11.52	167	886344	46.79	nq	97
73) Di-n-butylphthalate	11.98	149	1130258	54.19	nq	99
74) Fluoranthene	12.71	202	970816	48.01	nq	98
76) Benzidine	12.89	184	290255	25.28	nq	# 91
77) Pyrene	12.99	202	954672	48.18	nq	99
79) Butylbenzylphthalate	13.81	149	447496	51.53	nq	# 87
80) Benzo(a)anthracene	14.46	228	804949	48.83	nq	99
81) 3,3'-Dichlorobenzidine	14.43	252	234809	40.24	nq	# 96
82) Chrysene	14.50	228	750937	49.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	656720	56.33	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1103022	56.40	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	724692	50.56	nq	100
87) Benzo(b)fluoranthene	15.69	252	856310	52.70	nq	98
88) Benzo(k)fluoranthene	15.72	252	700340m	45.54	nq	
89) Benzo(a)pyrene	16.04	252	739226	48.90	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	595317	47.42	nq	99
91) Benzo(g,h,i)perylene	17.74	276	594635	46.53	nq	98

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



#1

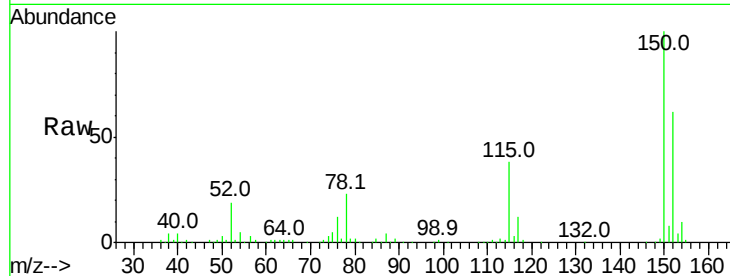
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.2	189.2
115	61.3	52.2	78.2

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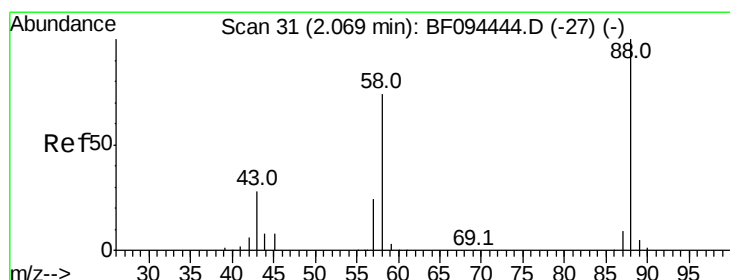
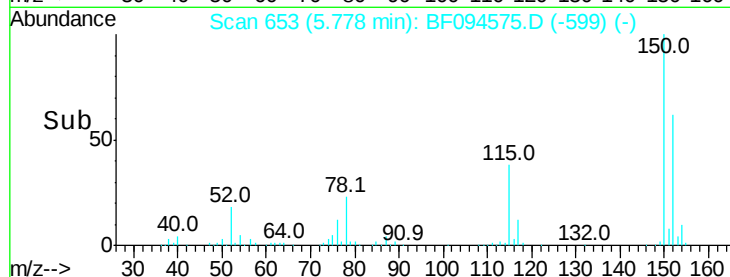
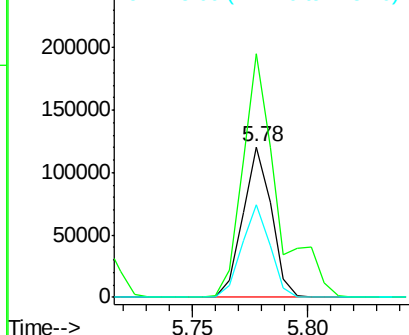


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

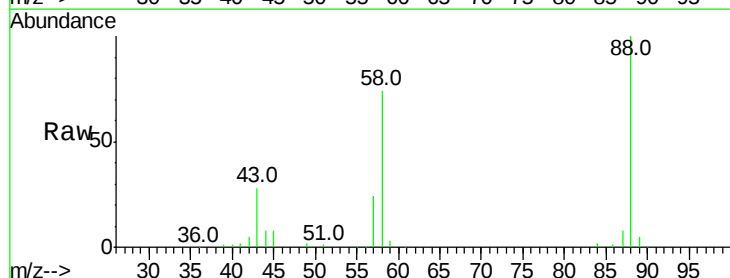
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.62 ng
RT: 2.10 min Scan# 28
Delta R.T. 0.03 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	61.4	92.0
43	29.1	23.4	35.0

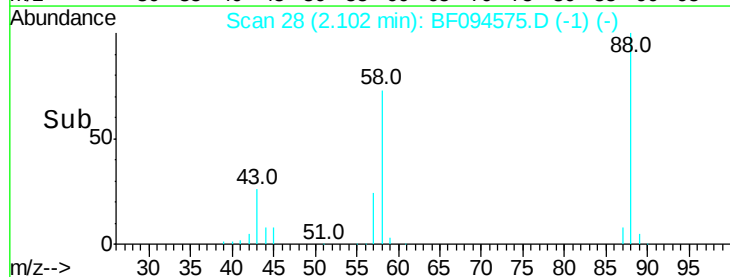
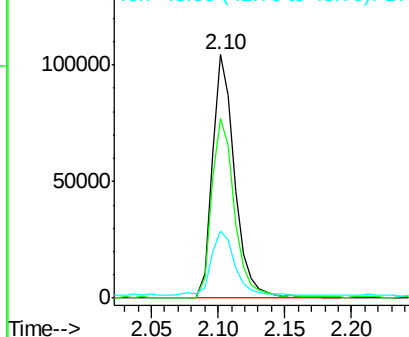


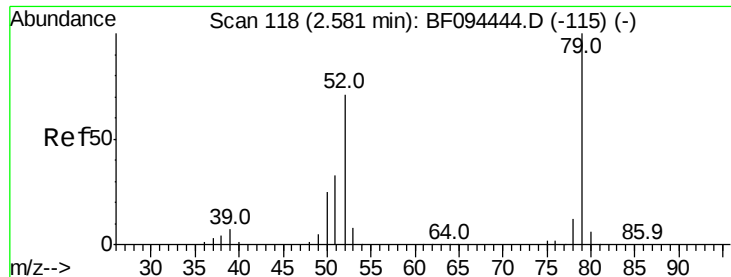
Abundance

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: 37.33 ng

RT: 2.64 min Scan# 119

Delta R.T. 0.06 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

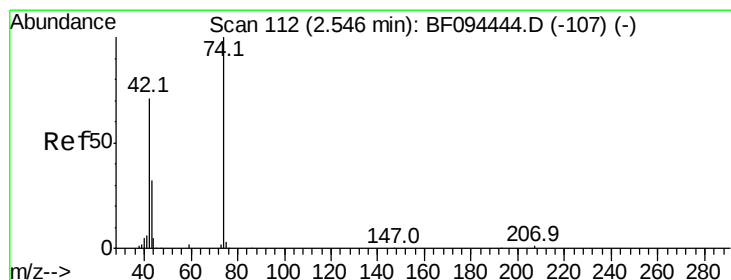
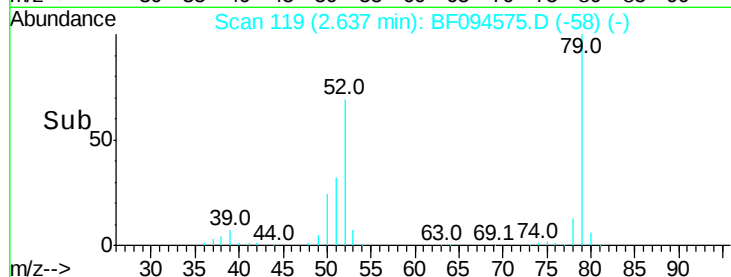
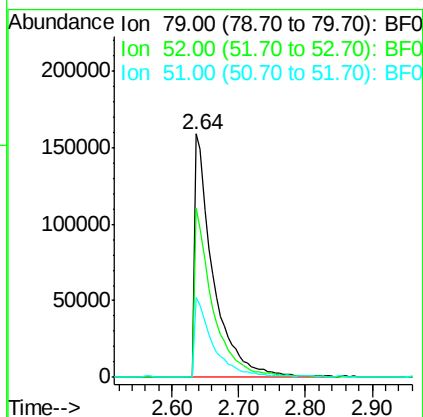
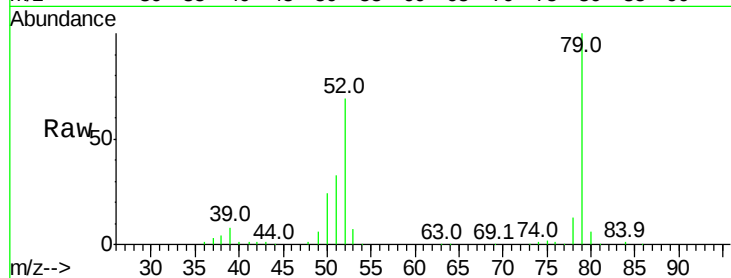
ClientSampleId :

BL-2(3)MSD

Tot Ion:	79	Resp:	298981
Ion Ratio	Lower	Upper	
79	100		
52	69.4	54.8	82.2
51	32.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 43.82 ng

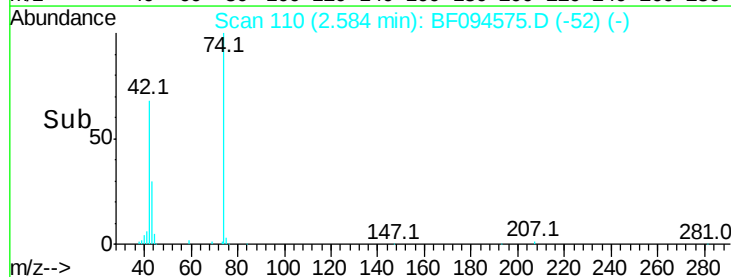
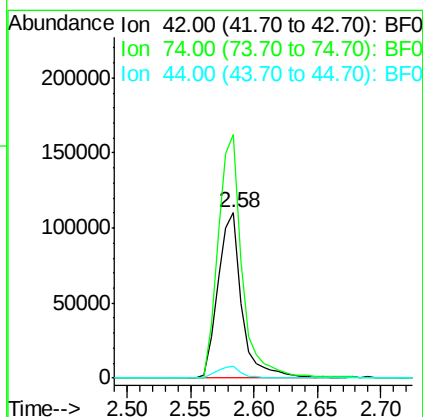
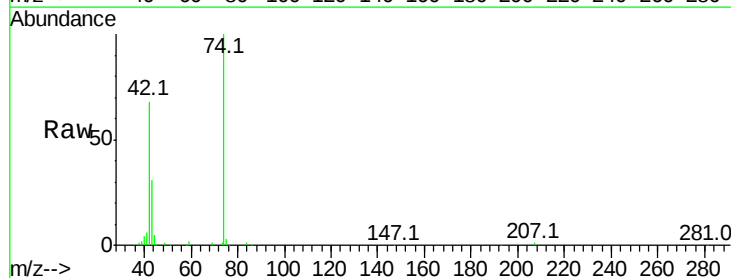
RT: 2.58 min Scan# 110

Delta R.T. 0.04 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion:	42	Resp:	145202
Ion Ratio	Lower	Upper	
42	100		
74	147.4	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 137.36 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

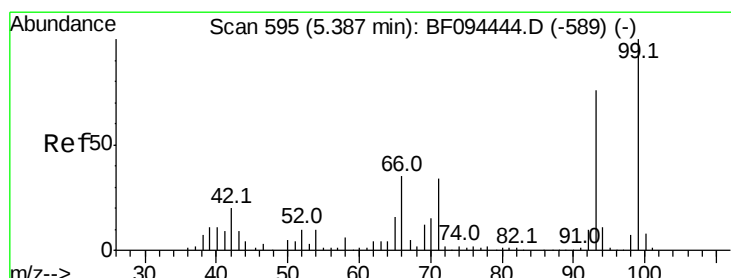
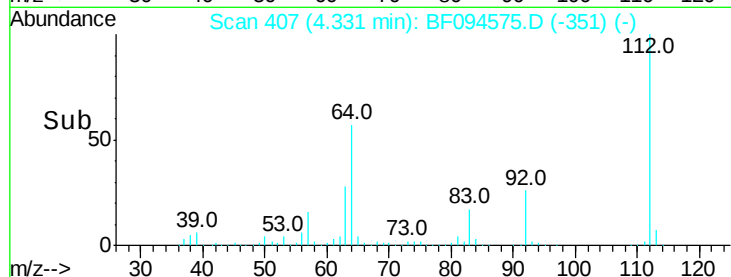
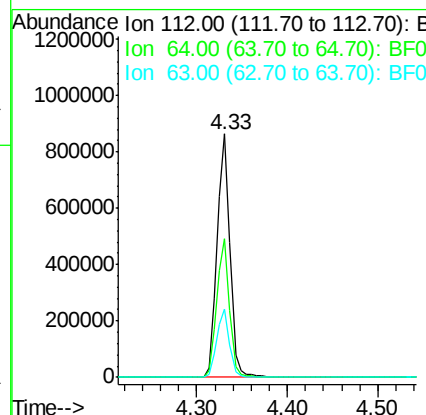
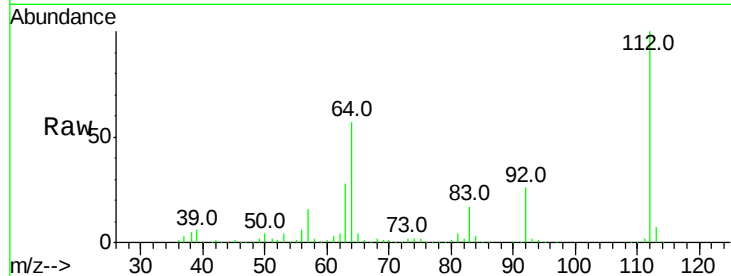
ClientSampleId :

BL-2(3)MSD

Tot Ion:	112	Resp:	865464
Ion Ratio	Lower	Upper	
112	100		
64	56.8	46.0	69.0
63	28.0	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 30.69 ng

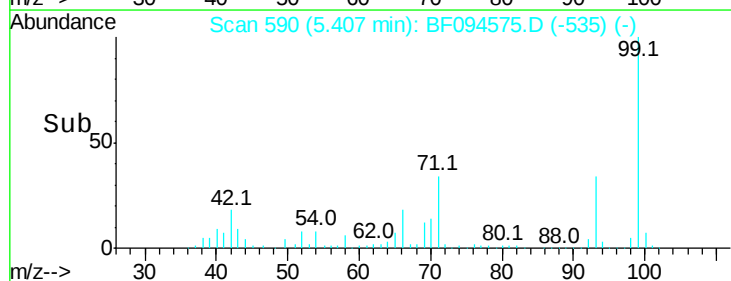
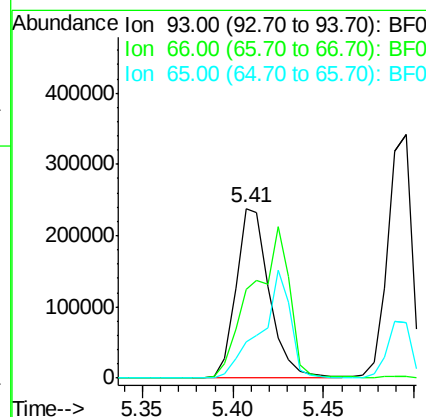
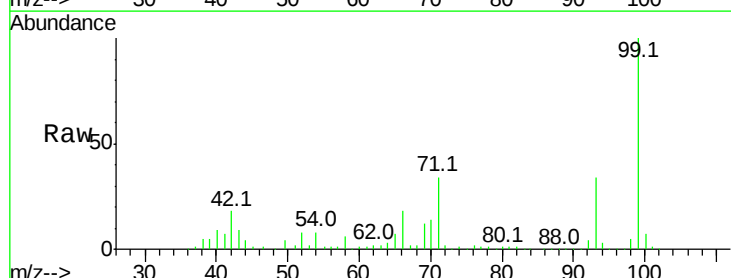
RT: 5.41 min Scan# 590

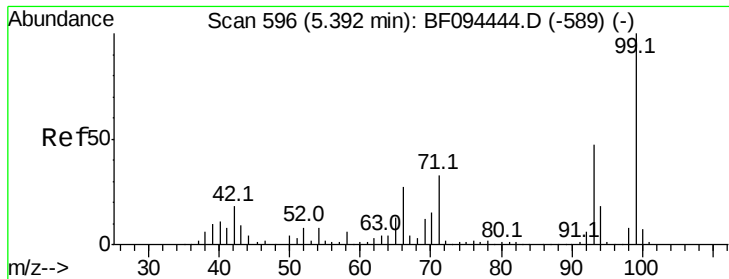
Delta R.T. 0.02 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion:	93	Resp:	302978
Ion Ratio	Lower	Upper	
93	100		
66	52.7	32.9	49.3#
65	21.7	16.0	24.0





#7

Phenol-d6

Concen: 141.07 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

ClientSampleId :

BL-2(3)MSD

Tot Ion: 99 Resp: 1047842

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

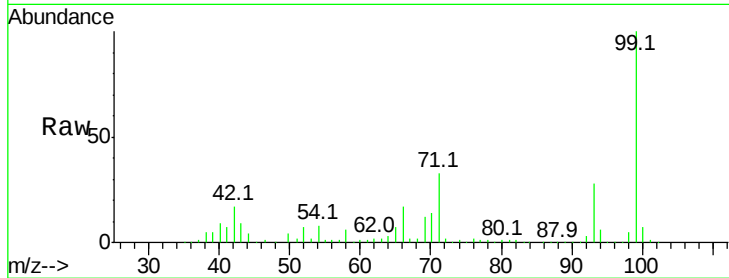
71 33.3 24.5 36.7

Manual Integrations

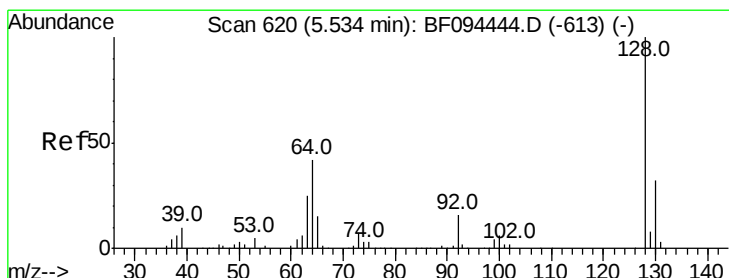
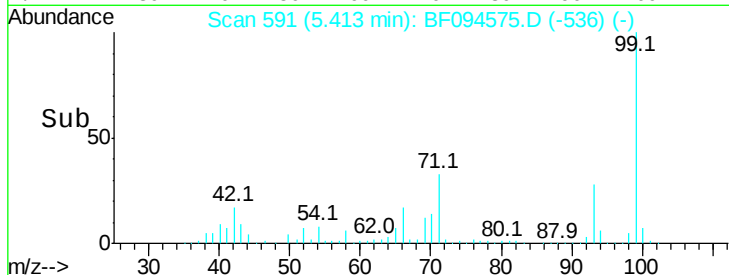
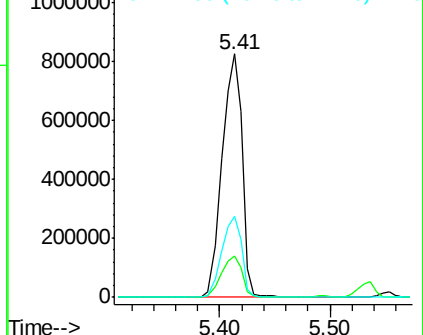
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.73 ng

RT: 5.55 min Scan# 615

Delta R.T. 0.02 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

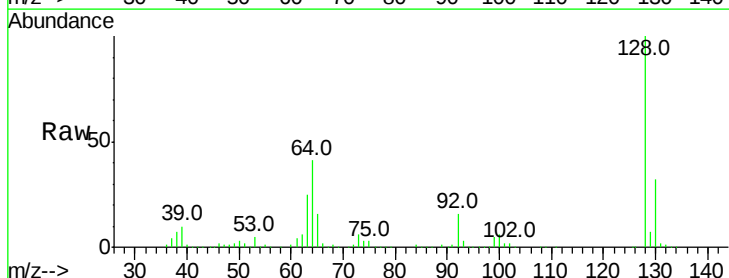
Tgt Ion:128 Resp: 335053

Ion Ratio Lower Upper

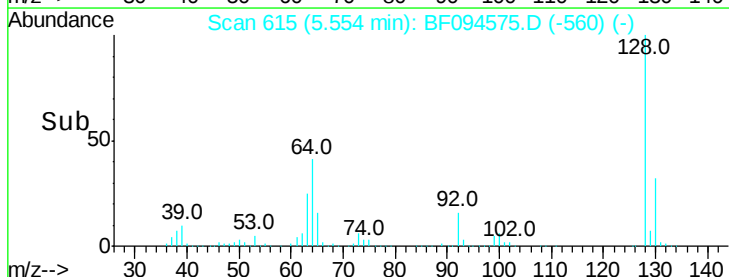
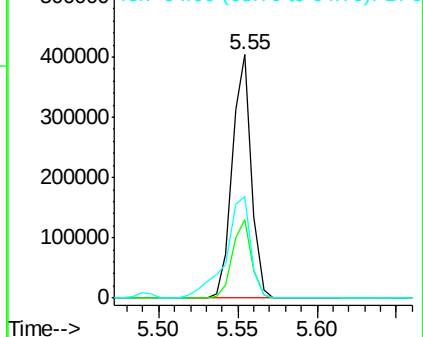
128 100

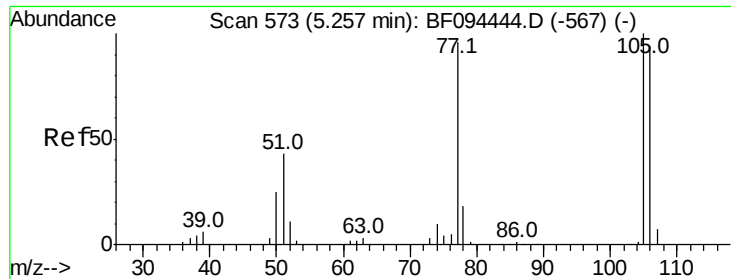
130 32.1 12.9 52.9

64 41.5 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.37 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

ClientSampleId :

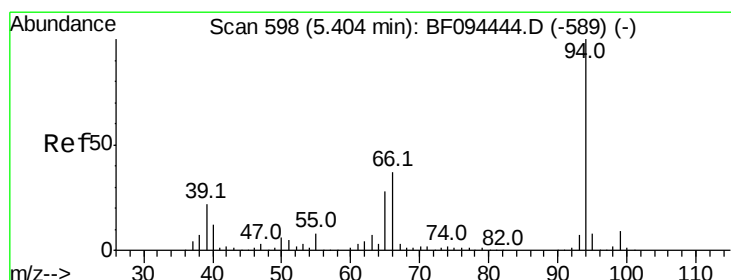
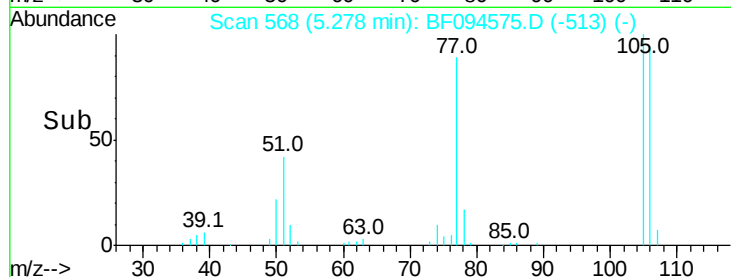
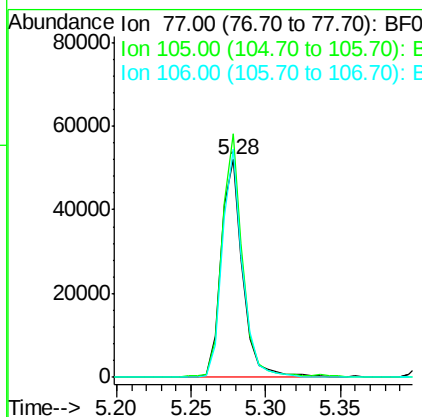
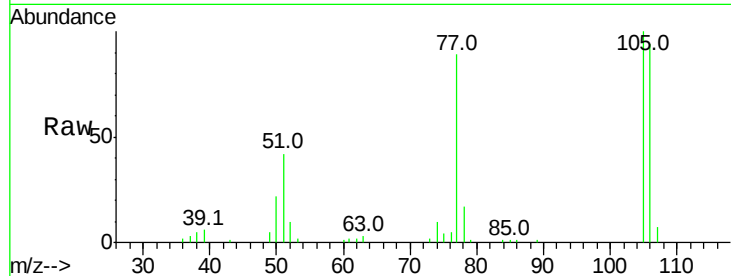
BL-2(3)MSD

Tot Ion: 77 Resp: 52922

Ion	Ratio	Lower	Upper
77	100		
105	111.9	83.8	123.8
106	105.1	79.1	119.1

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#10

Phenol

Concen: 50.49 ng

RT: 5.42 min Scan# 593

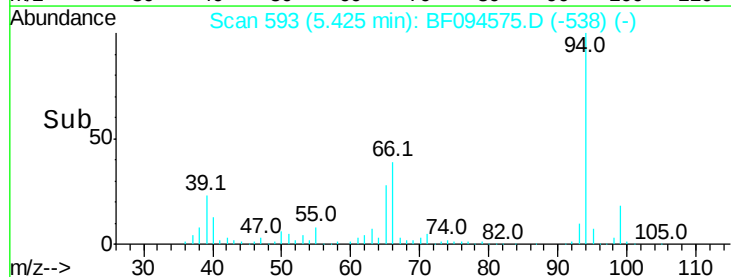
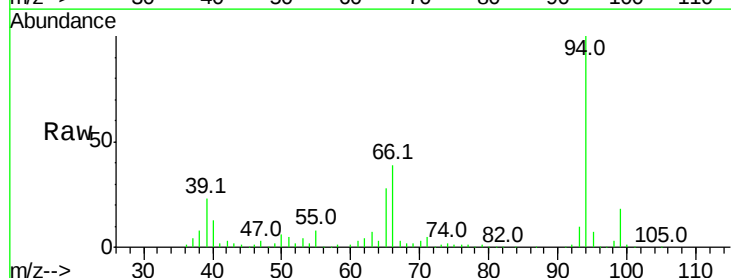
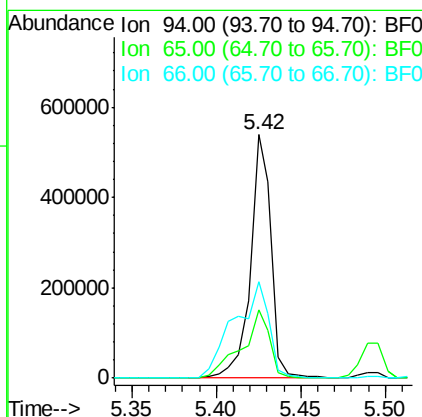
Delta R.T. 0.02 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion: 94 Resp: 460670

Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.9	49.9
66	39.5	23.1	63.1





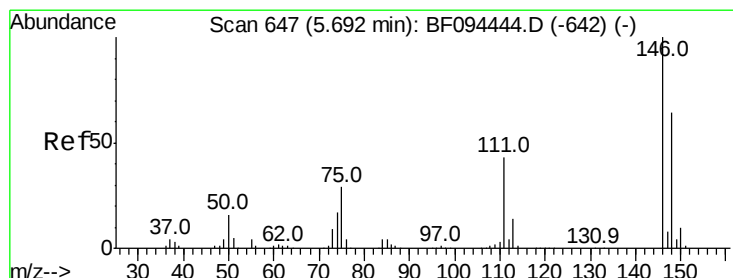
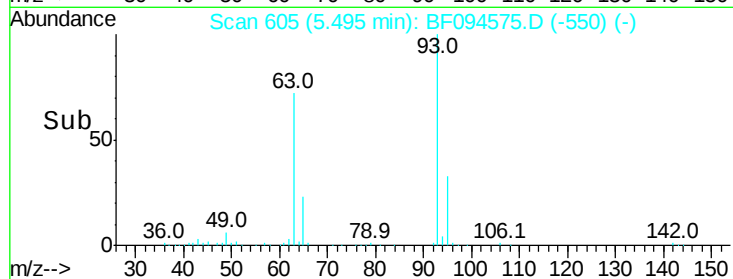
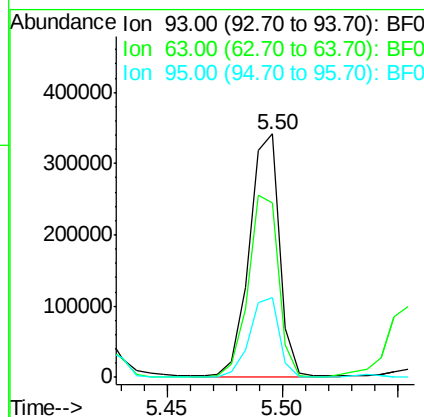
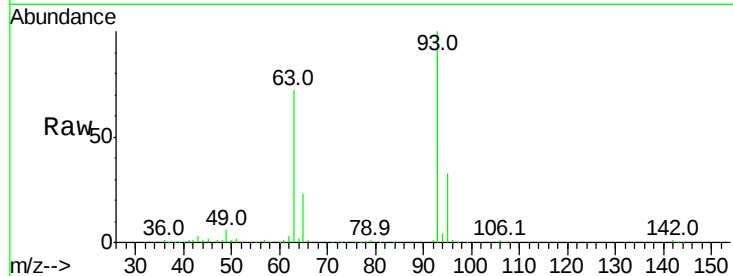
#11
bis(2-Chloroethyl)ether
Concen: 47.16 ng
RT: 5.50 min Scan# 605
Delta R.T. 0.02 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	71.8	59.2	99.2	
95	32.7	12.8	52.8	

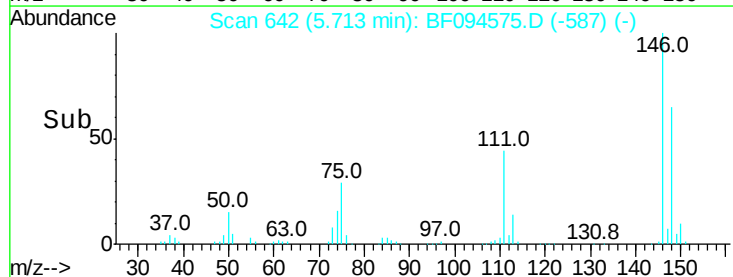
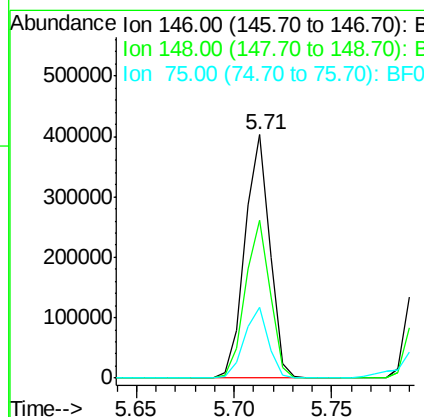
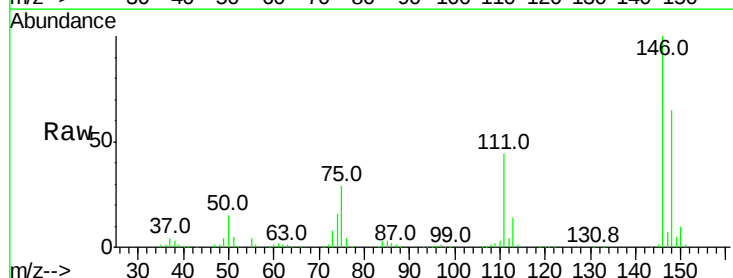
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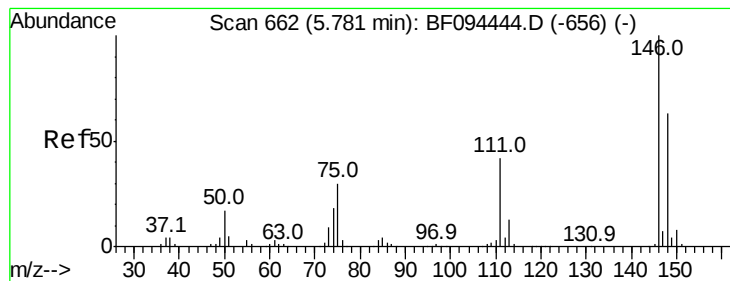
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.67 ng
RT: 5.71 min Scan# 642
Delta R.T. 0.02 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.7	51.8	77.6	
75	29.3	23.1	34.7	





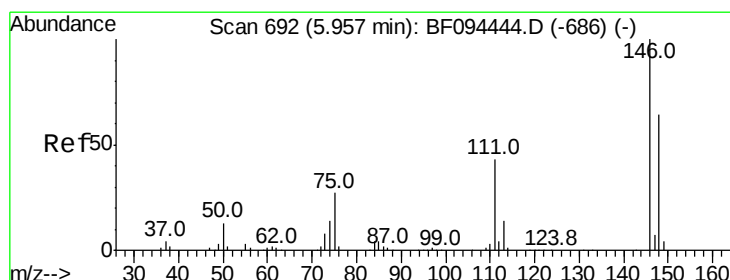
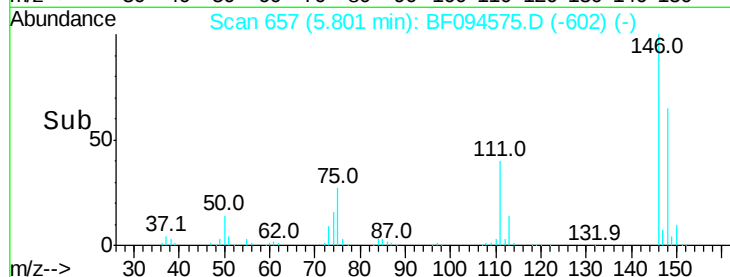
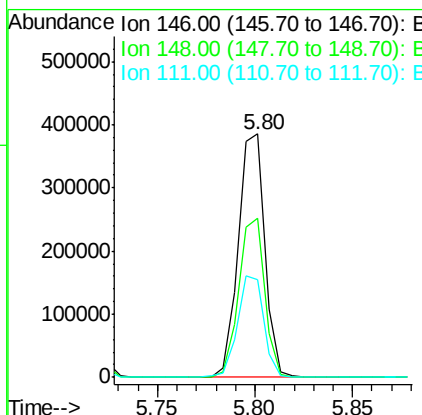
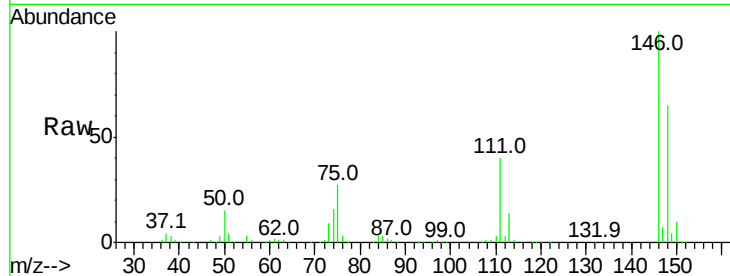
#13
 1,4-Dichlorobenzene
 Concen: 45.35 ng
 RT: 5.80 min Scan# 657
 Delta R.T. 0.02 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	40.0	30.3	45.5

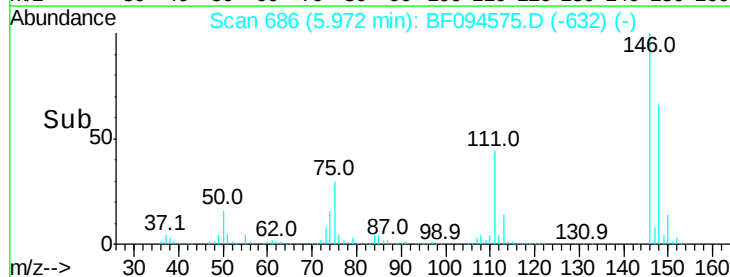
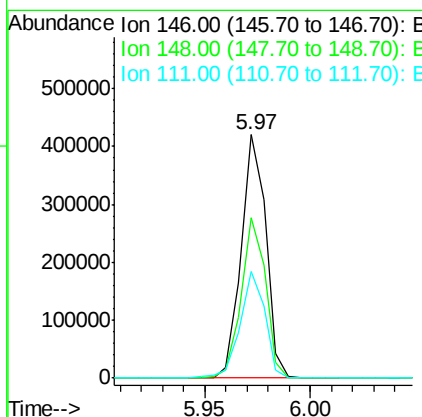
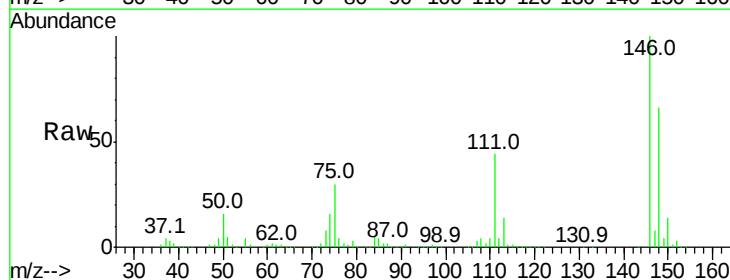
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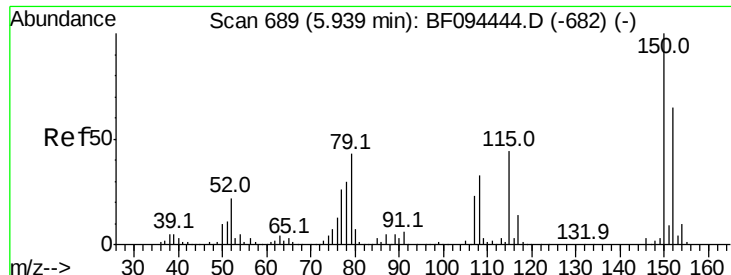
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 46.03 ng
 RT: 5.97 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.4	75.6
111	43.9	38.2	57.4





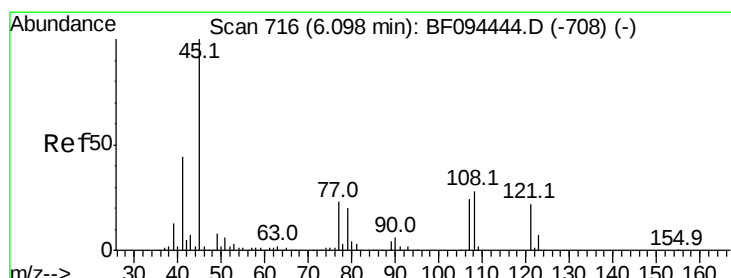
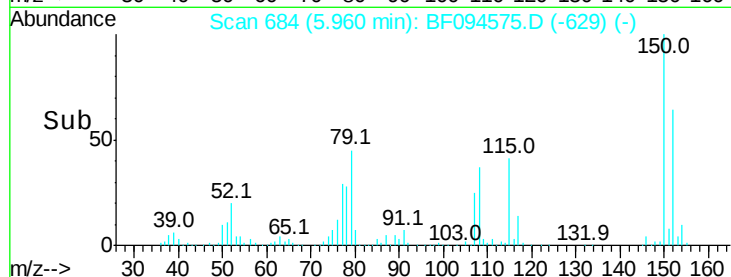
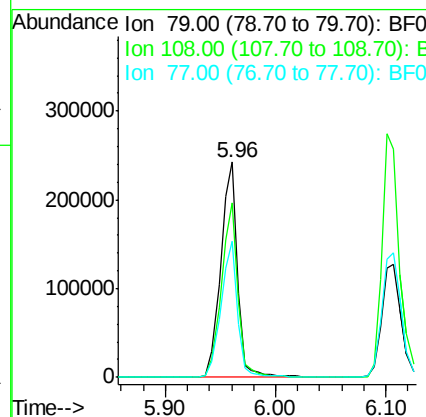
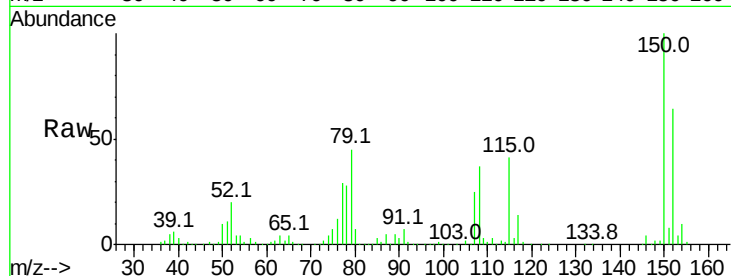
#15
Benzyl Alcohol
Concen: 46.33 ng
RT: 5.96 min Scan# 684
Delta R.T. 0.02 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.9	63.4	95.0	
77	63.2	49.2	73.8	

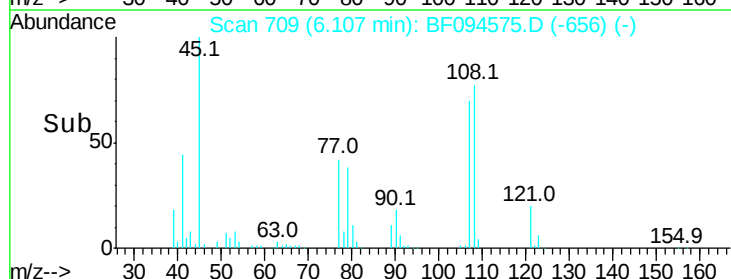
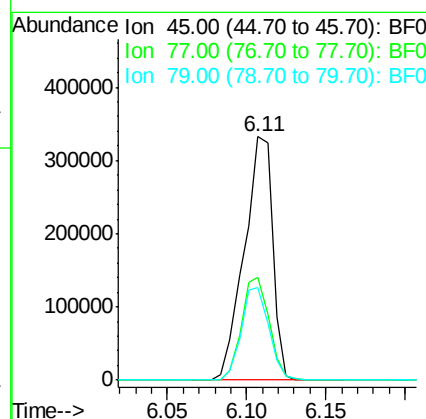
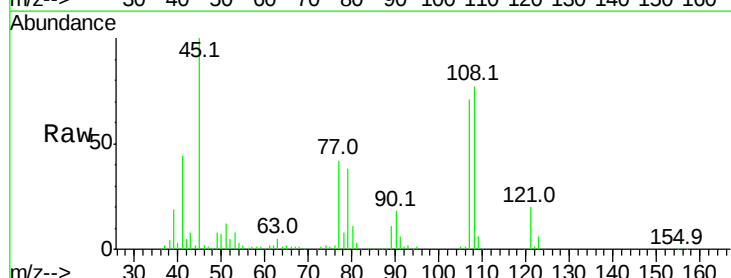
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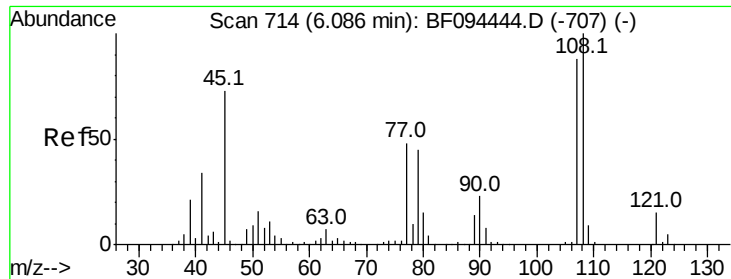
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.14 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	42.1	0.0	33.2#	
79	38.1	0.0	30.0#	





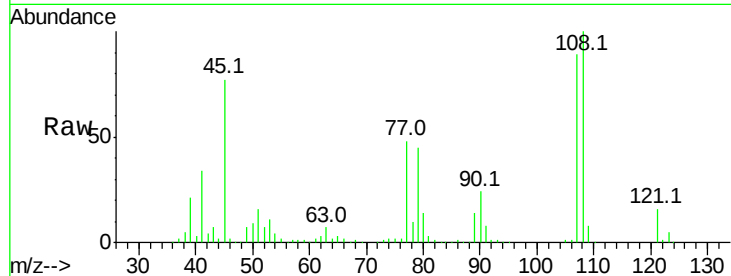
#17
2-Methylphenol
Concen: 47.92 ng
RT: 6.10 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

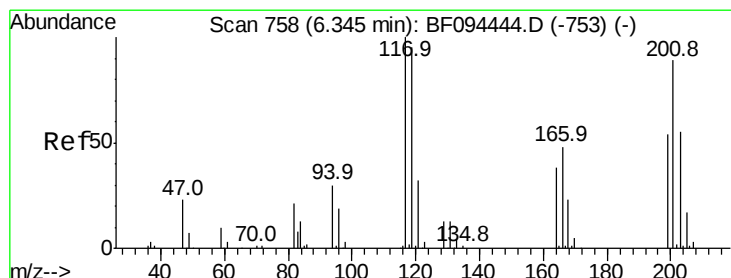
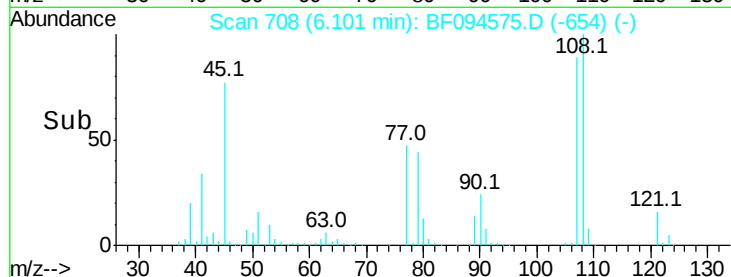
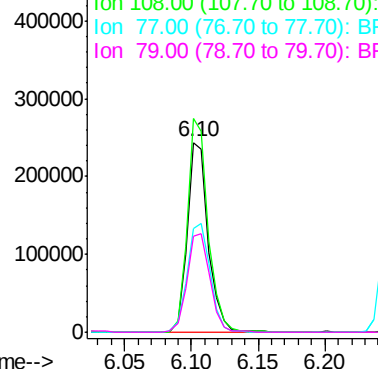
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.4	140.0
77	54.5	35.8	53.6#
79	50.5	34.8	52.2

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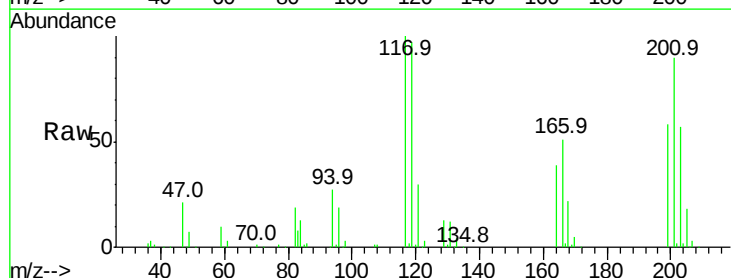


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

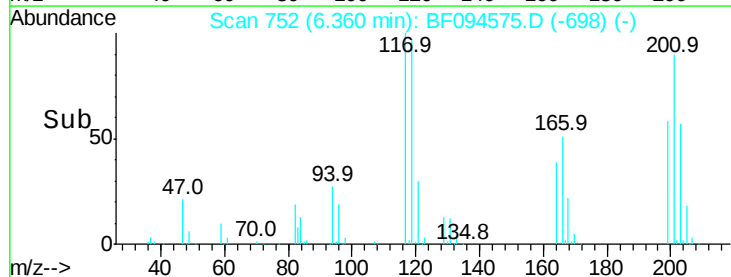
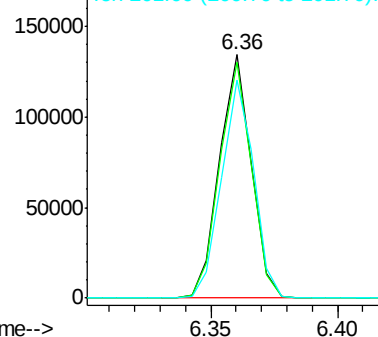


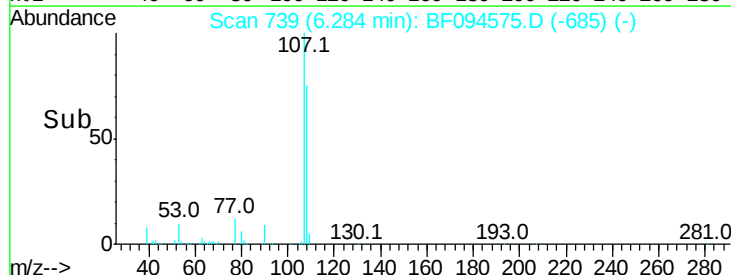
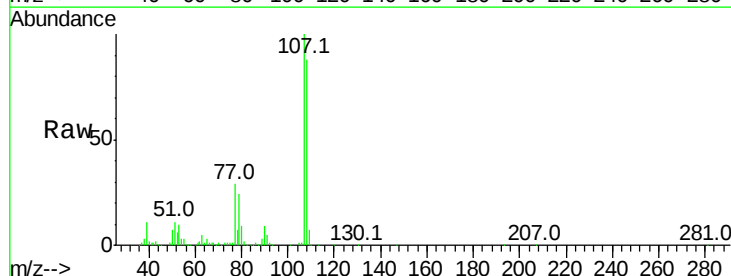
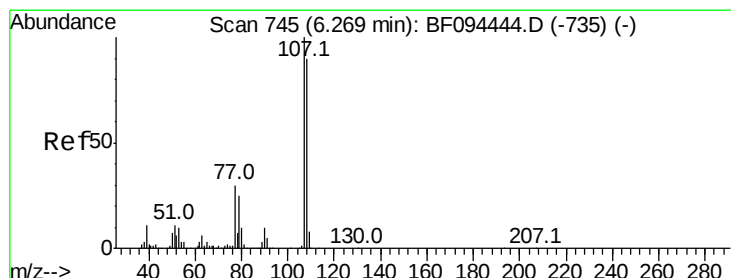
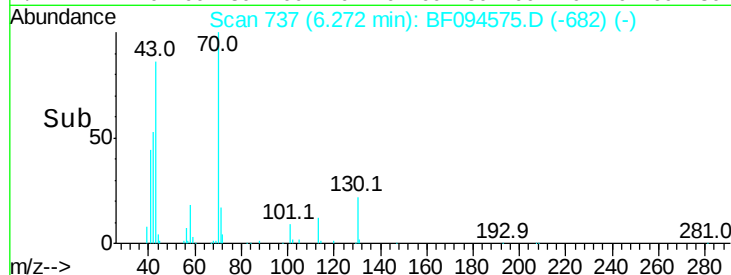
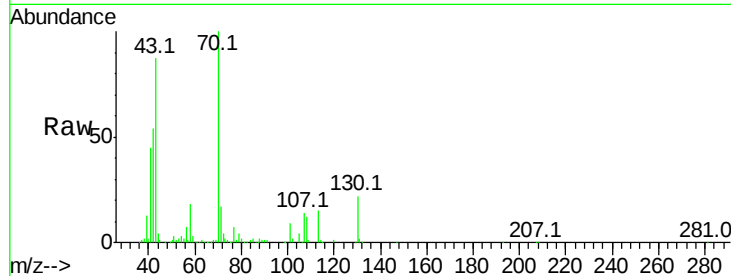
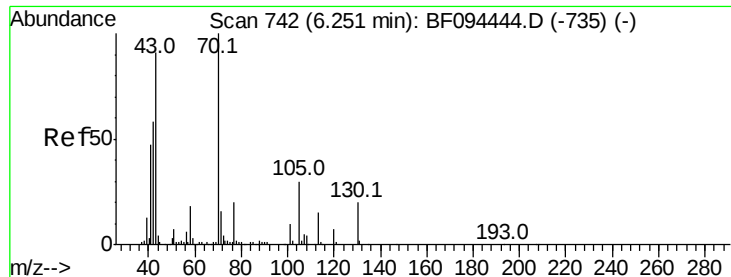
#18
Hexachloroethane
Concen: 42.81 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	89.7	94.6	141.8#



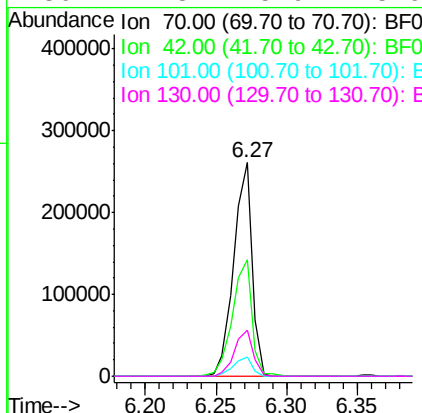
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 48.15 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.02 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	47.2	70.8
101	9.3	7.2	10.8
130	21.8	15.9	23.9



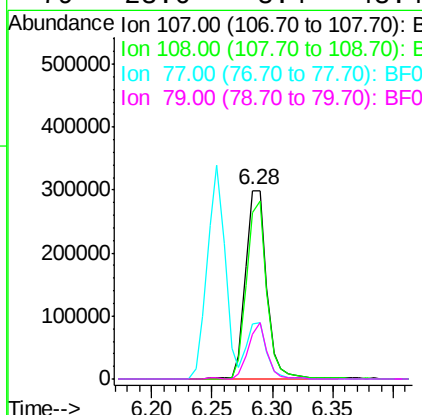
Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

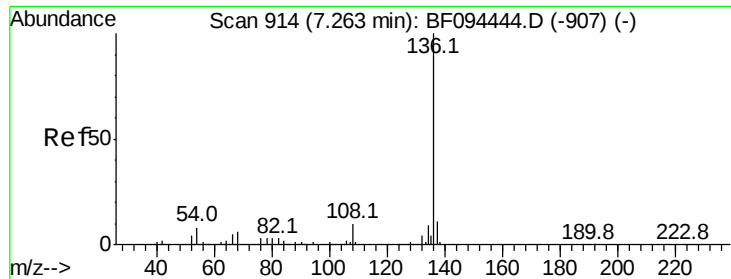
Manual Integrations
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#20
3+4-Methylphenols
Concen: 48.16 ng
RT: 6.28 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	71.0	111.0
77	28.9	90.5	130.5#
79	23.6	8.4	48.4





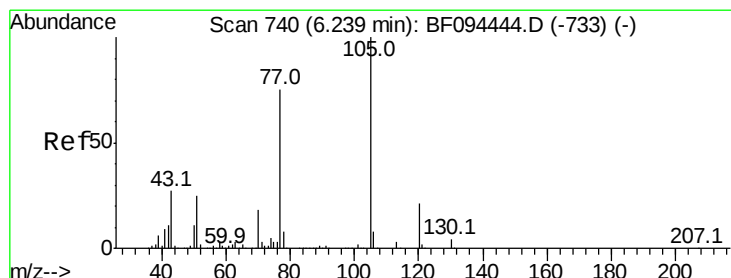
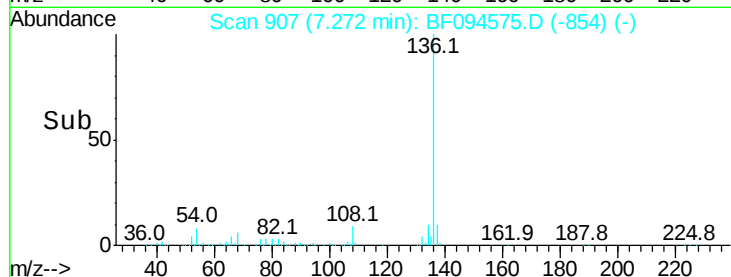
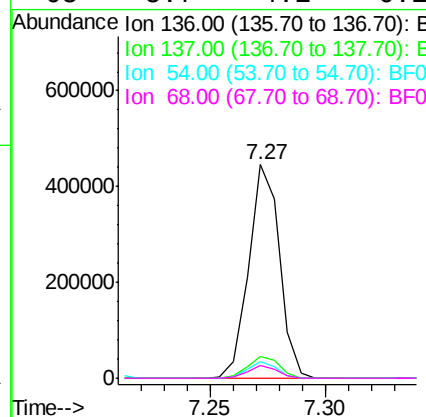
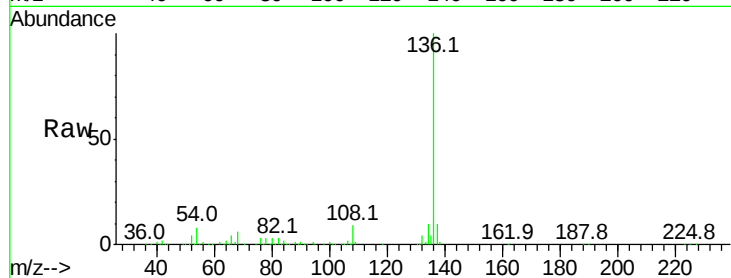
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	414248		
137	10.4	8.5	12.7	
54	7.6	4.9	7.3#	
68	5.7	4.1	6.1	

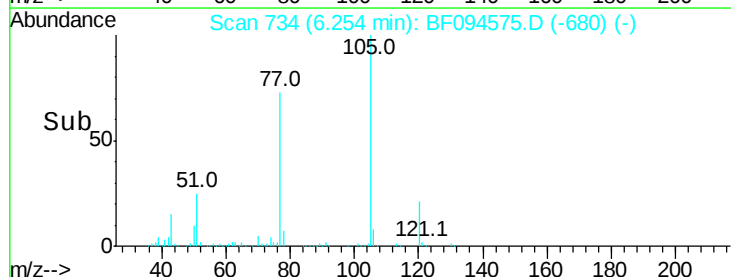
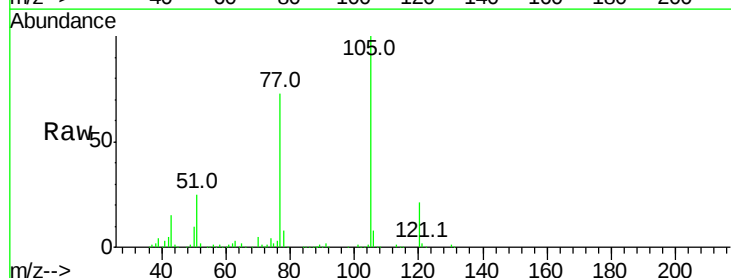
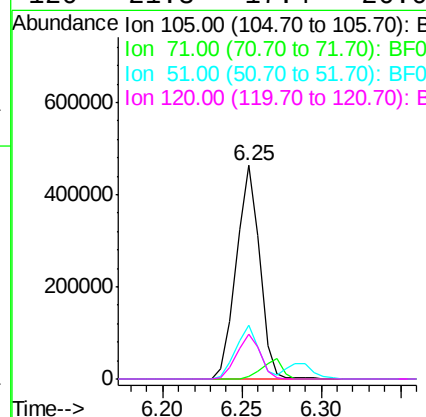
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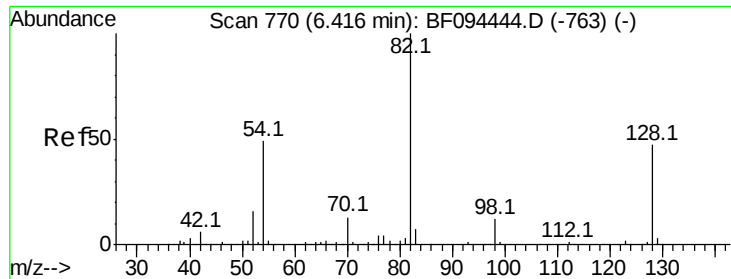
mohammad
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#22
Acetophenone
Concen: 47.24 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	475779		
71	1.1	2.8	4.2#	
51	25.1	30.7	46.1#	
120	21.3	17.4	26.0	





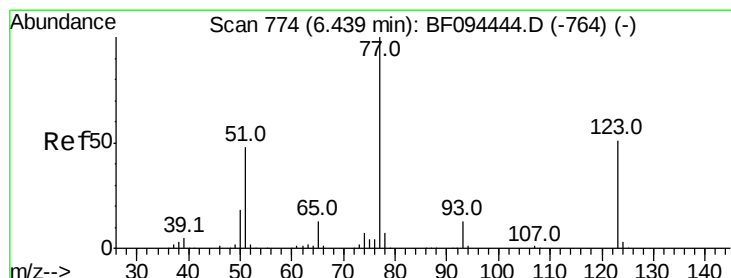
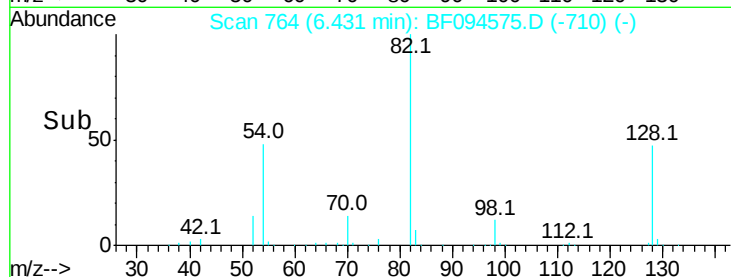
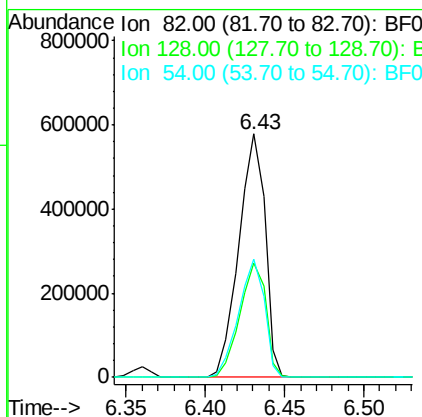
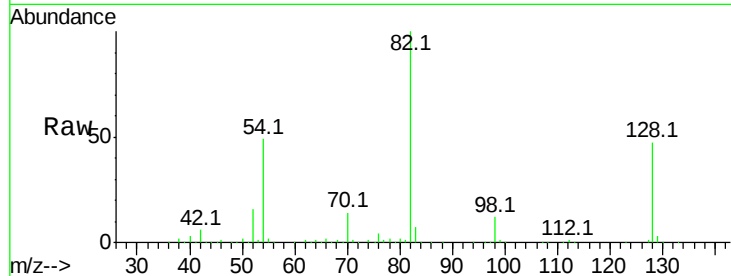
#23
 Nitrobenzene-d5
 Concen: 98.93 ng
 RT: 6.43 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	34.0	51.0	
54	48.6	42.2	63.2	

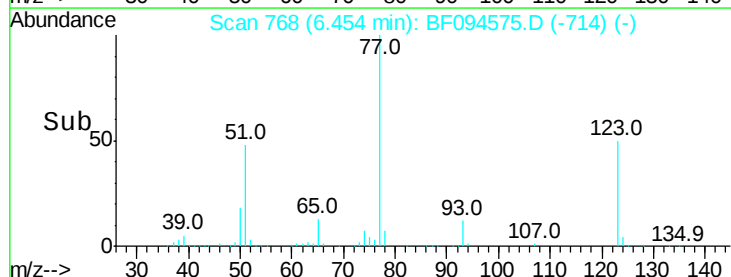
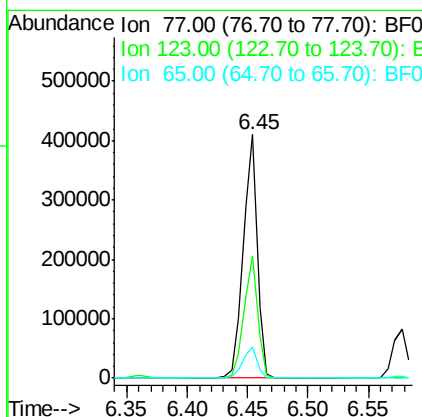
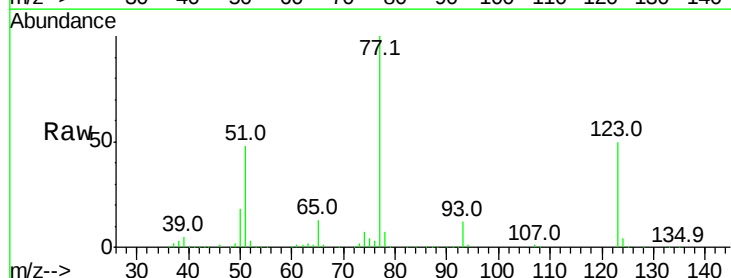
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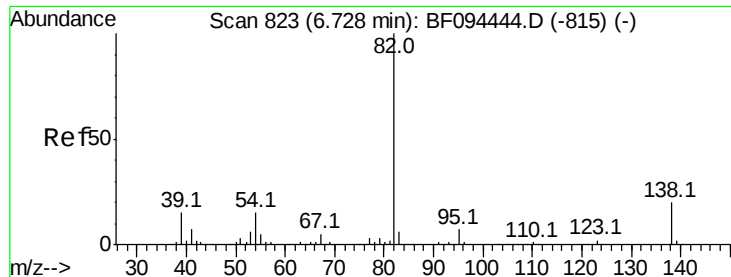
mohammad
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#24
 Nitrobenzene
 Concen: 47.26 ng
 RT: 6.45 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.4	35.8	53.8	
65	12.7	10.6	15.8	





#25

Isophorone

Concen: 48.25 ng

RT: 6.74 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

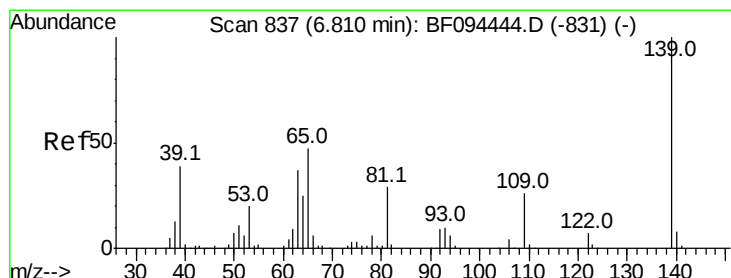
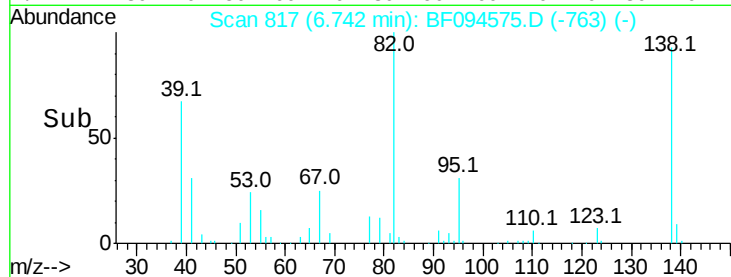
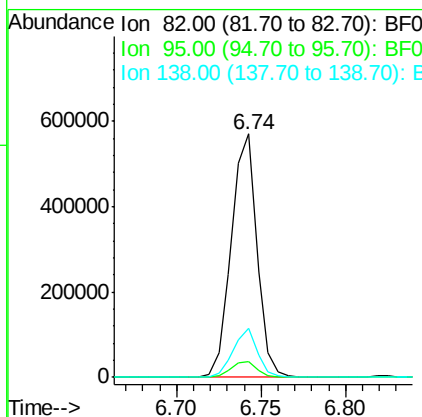
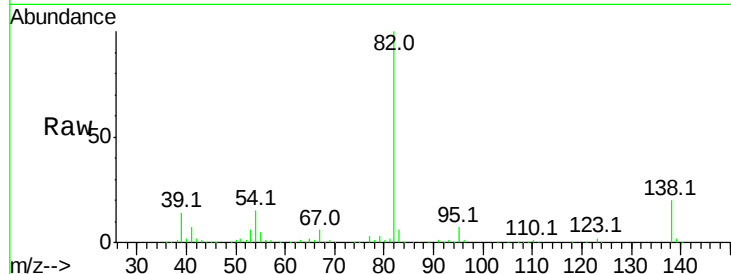
ClientSampleId :

BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.3	7.9	
138	20.0	13.1	19.7	

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#26

2-Nitrophenol

Concen: 46.68 ng

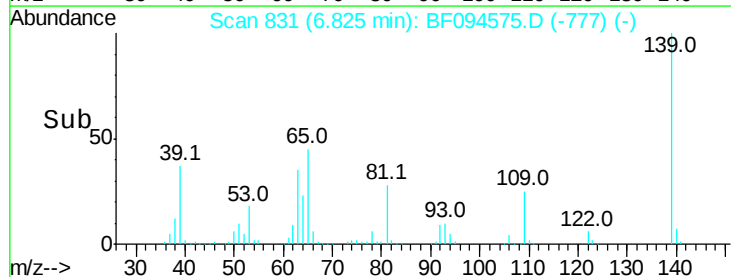
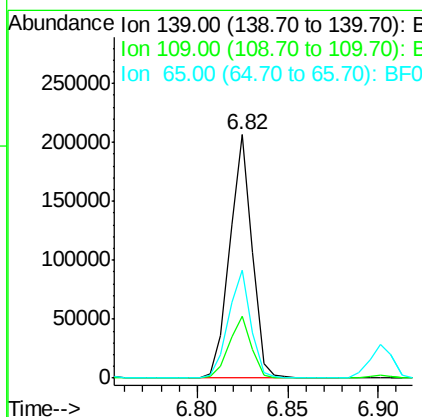
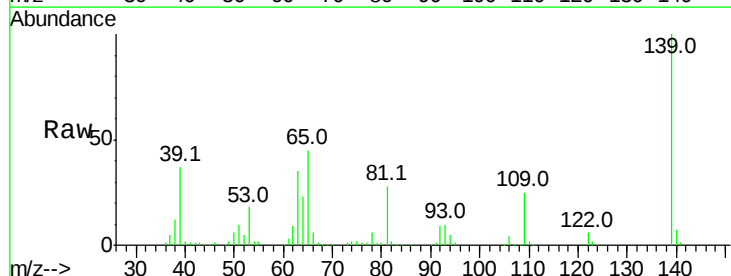
RT: 6.82 min Scan# 831

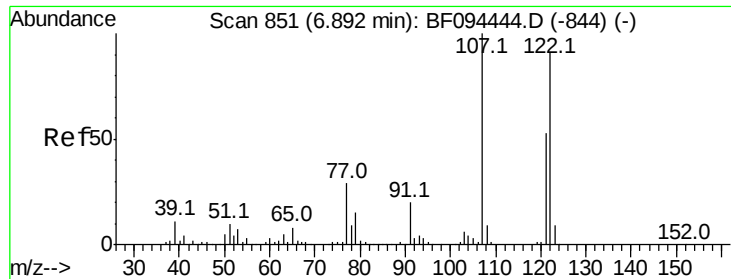
Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.4	21.0	31.6	
65	44.5	33.0	49.6	





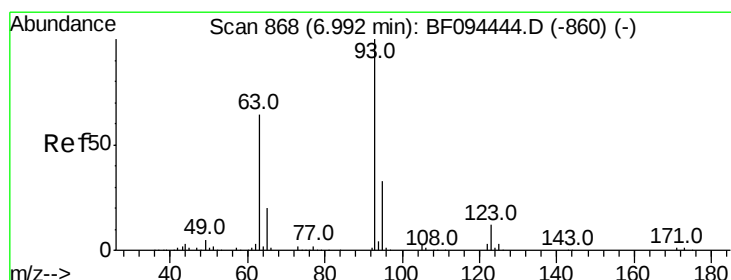
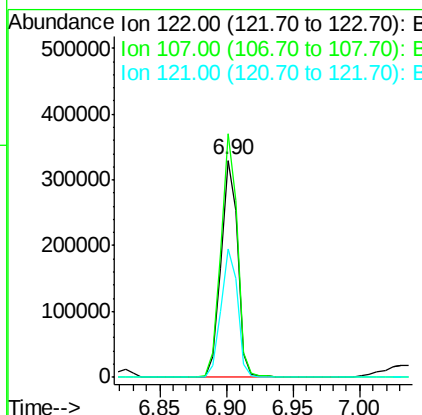
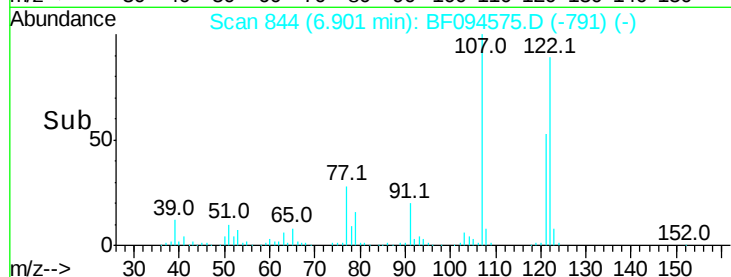
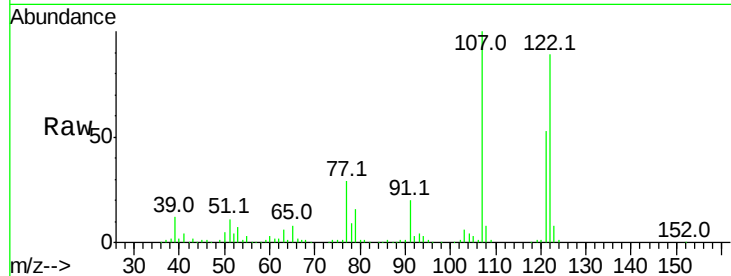
#27
 2,4-Dimethylphenol
 Concen: 47.83 ng
 RT: 6.90 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	294884		
107	112.3	89.2	133.8	
121	59.5	45.2	67.8	

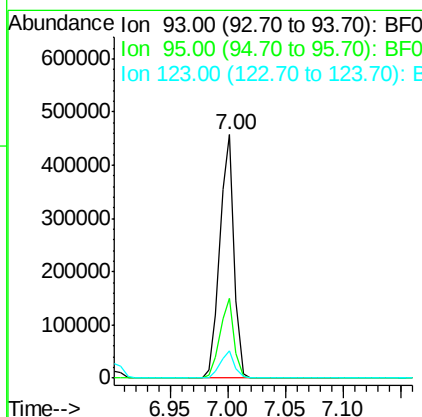
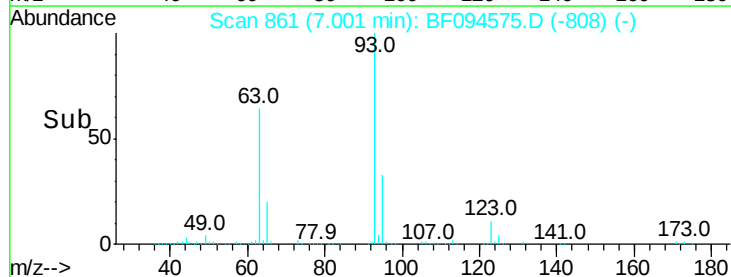
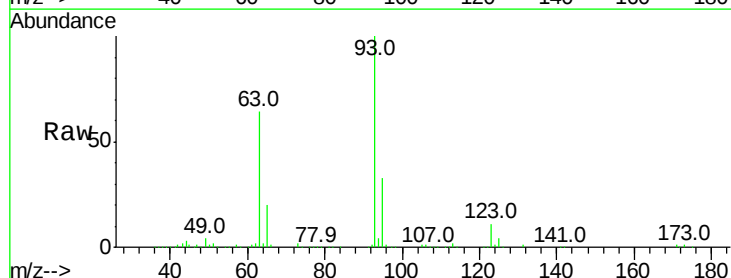
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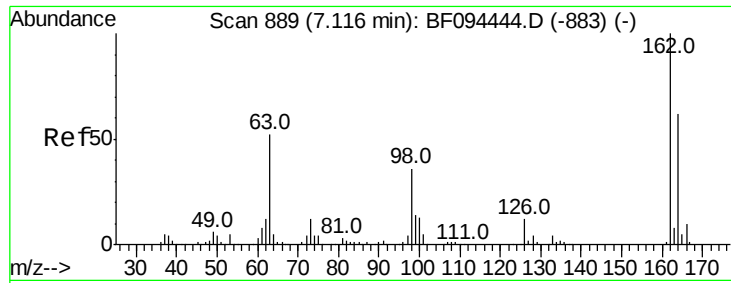
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.62 ng
 RT: 7.00 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	391084		
95	32.5	26.5	39.7	
123	11.3	9.0	13.4	





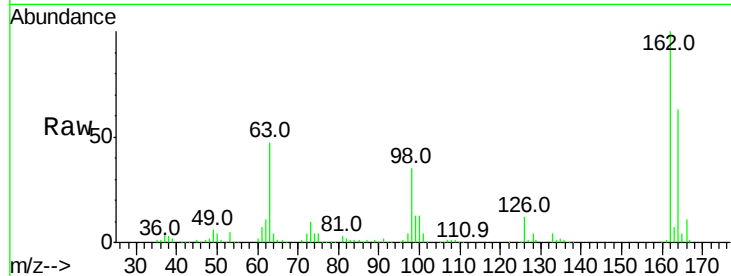
#29
 2,4-Dichlorophenol
 Concen: 49.43 ng
 RT: 7.13 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

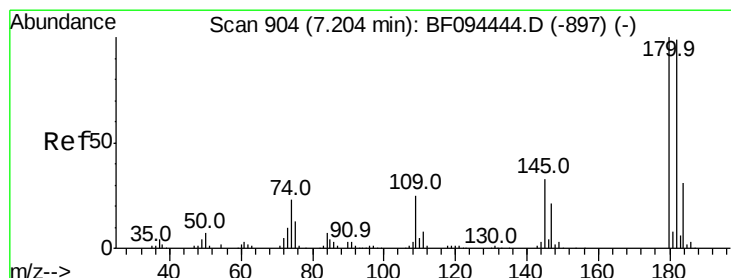
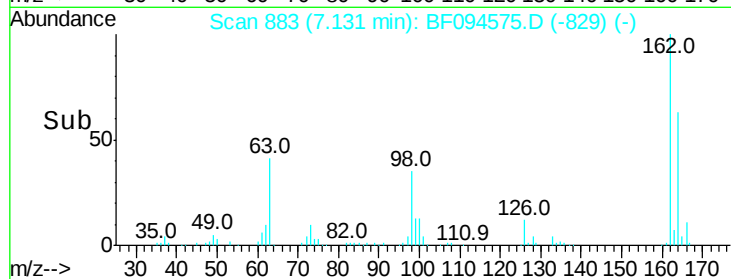
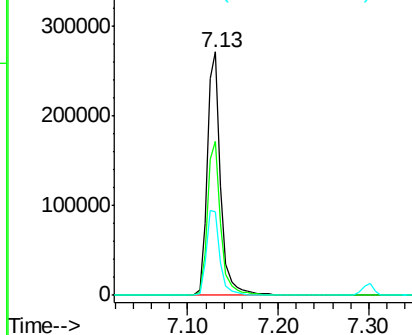
Tot Ion	Ratio	Resp	Lower	Upper
162	100	283519		
164	63.1		44.6	84.6
98	34.6		14.8	54.8

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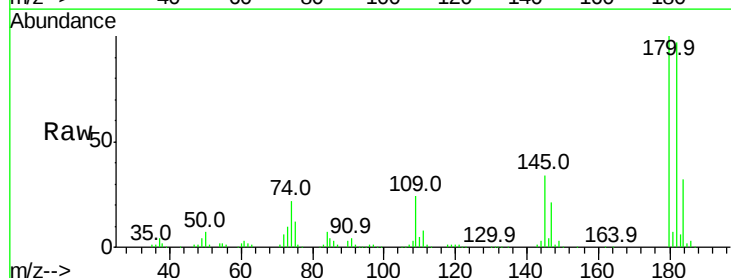


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

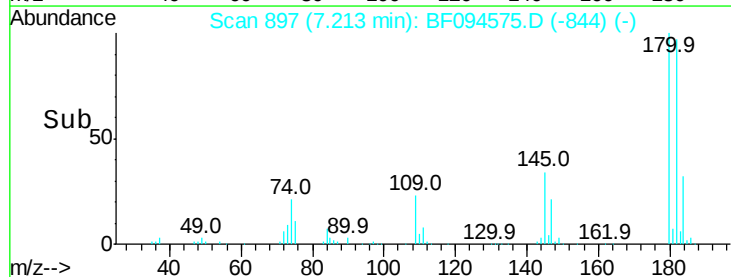
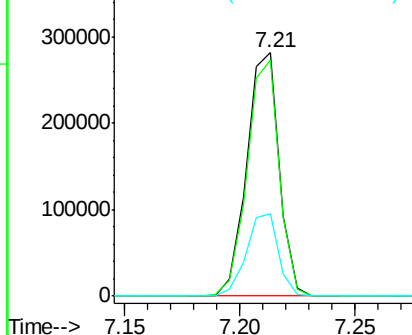


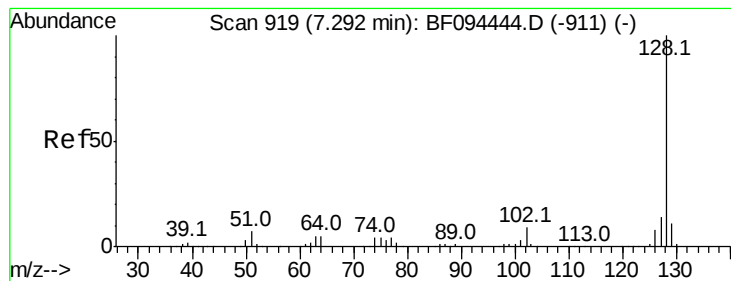
#30
 1,2,4-Trichlorobenzene
 Concen: 46.78 ng
 RT: 7.21 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	277368		
182	96.7		75.8	113.6
145	33.6		25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.09 ng

RT: 7.30 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

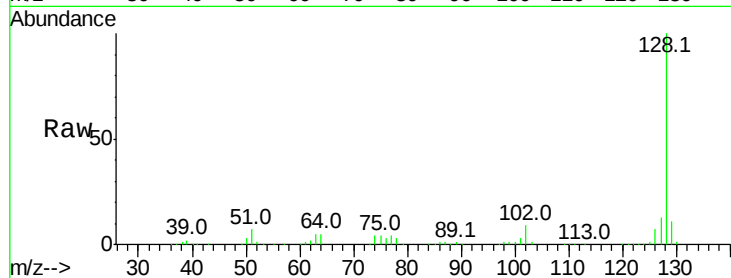
ClientSampleId :

BL-2(3)MSD

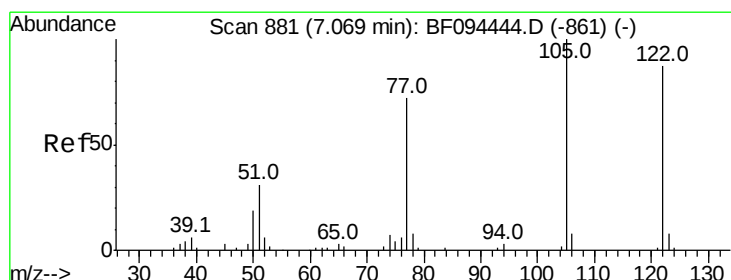
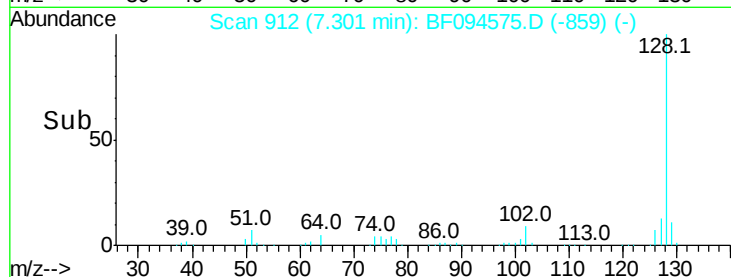
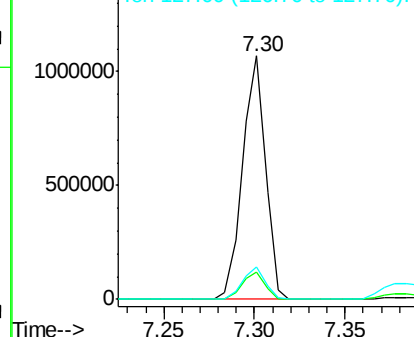
Tot Ion:	128	Resp:	937728
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.4	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.72 ng

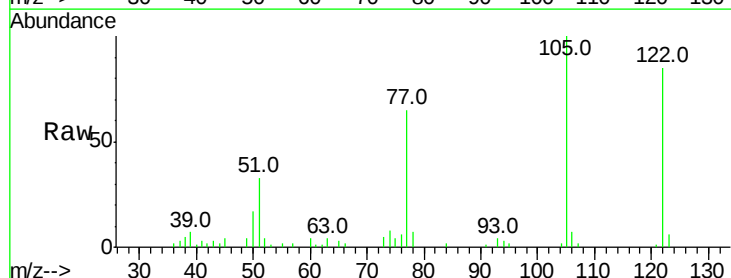
RT: 7.04 min Scan# 867

Delta R.T. -0.03 min

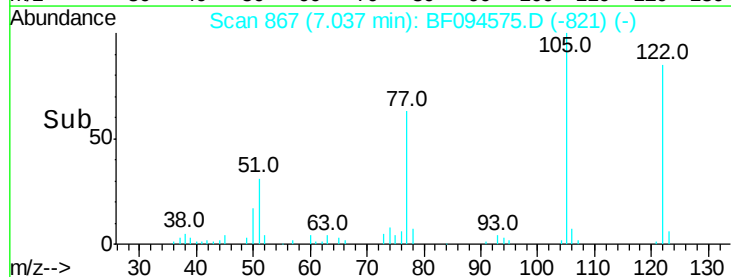
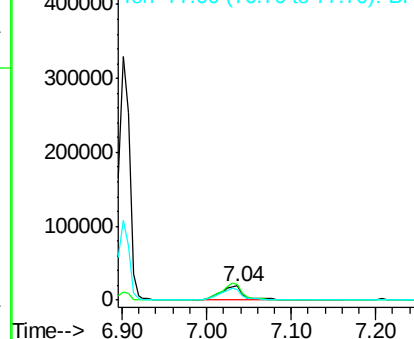
Lab File: BF094575.D

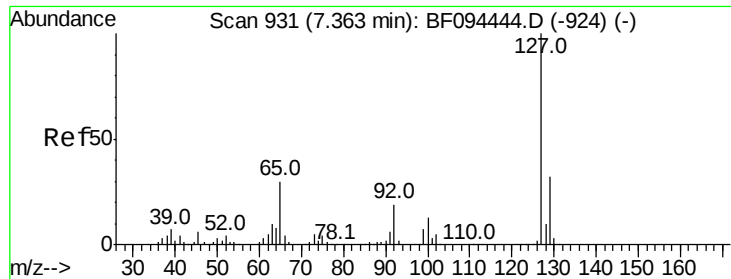
Acq: 21 Apr 2017 21:05

Tgt Ion:	122	Resp:	38222
Ion Ratio	Lower	Upper	
122	100		
105	117.2	103.3	143.3
77	75.8	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





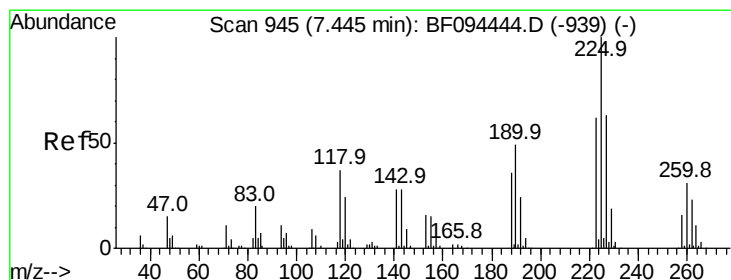
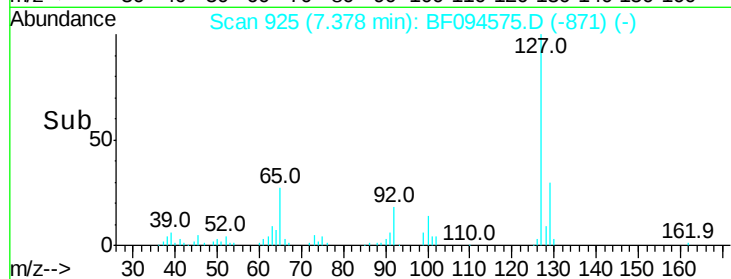
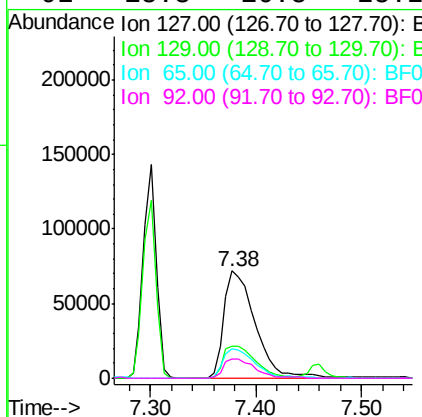
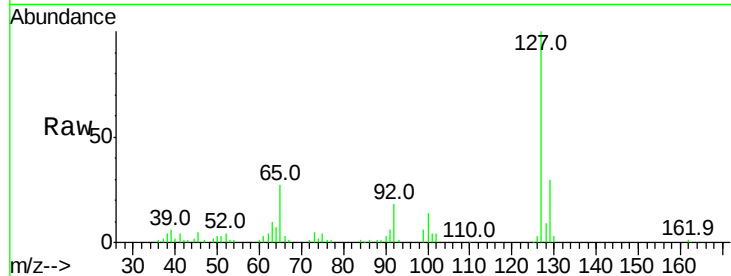
#33
4-Chloroaniline
Concen: 17.95 ng
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.3	26.2	39.2	
65	27.4	27.8	41.8	
92	18.3	16.8	25.2	

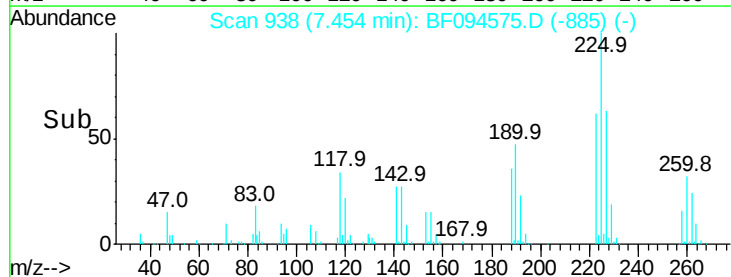
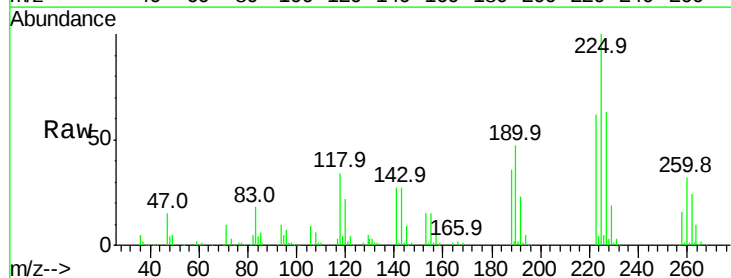
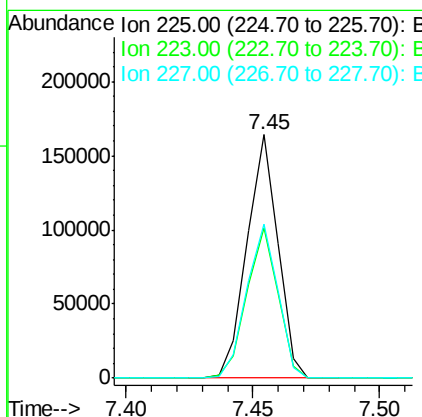
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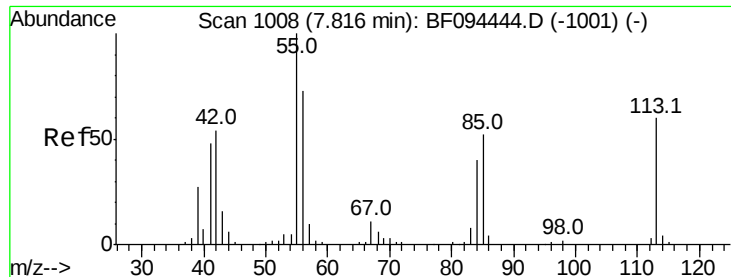
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#34
Hexachlorobutadiene
Concen: 47.21 ng
RT: 7.45 min Scan# 938
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	48.8	73.2	
227	63.2	51.1	76.7	





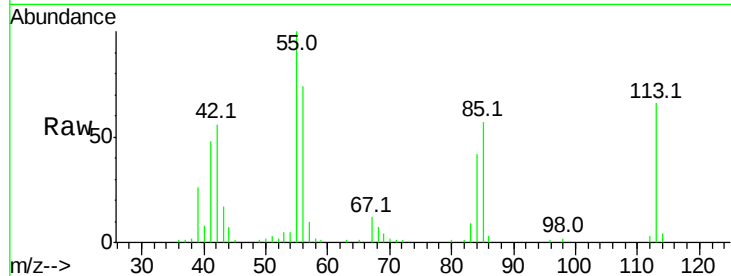
#35
 Caprolactam
 Concen: 48.78 ng/ml
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

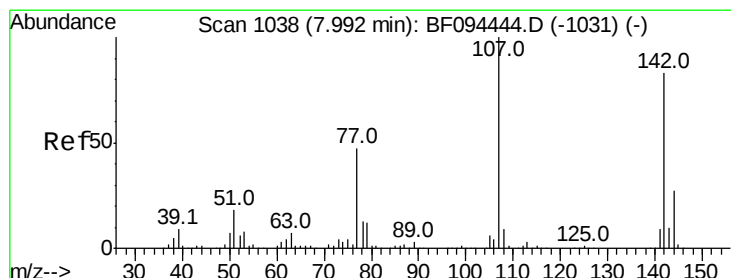
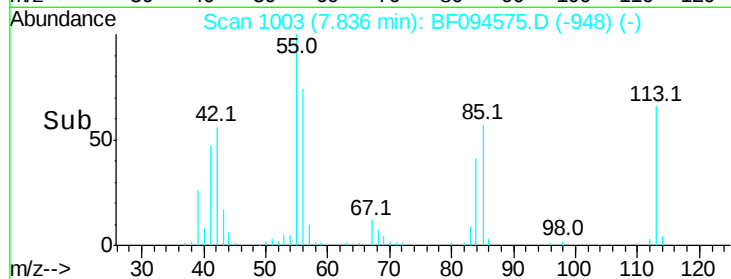
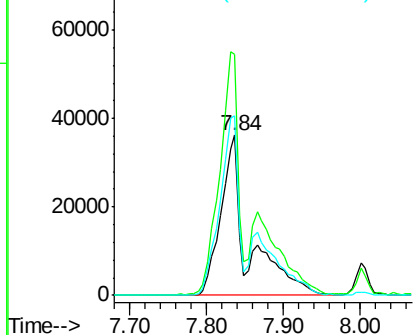
Tot Ion:113 Resp: 87896
 Ion Ratio Lower Upper
 113 100
 55 150.4 150.2 190.2
 56 111.8 107.8 147.8

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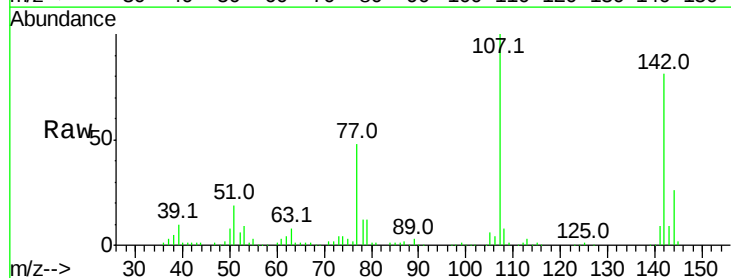


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

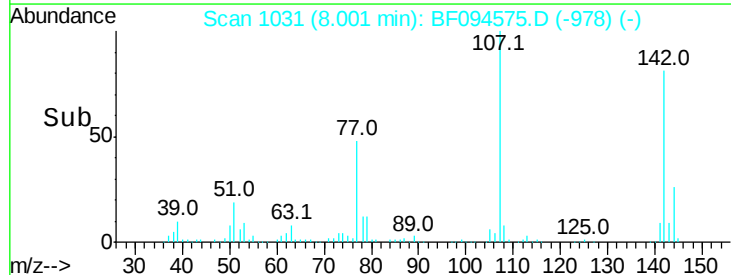
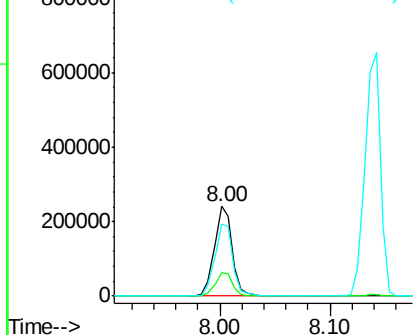


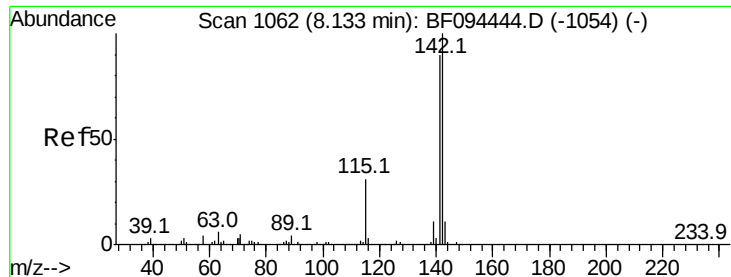
#36
 4-Chloro-3-methylphenol
 Concen: 44.63 ng/ml
 RT: 8.00 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion:107 Resp: 268222
 Ion Ratio Lower Upper
 107 100
 144 26.0 24.2 36.4
 142 80.7 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





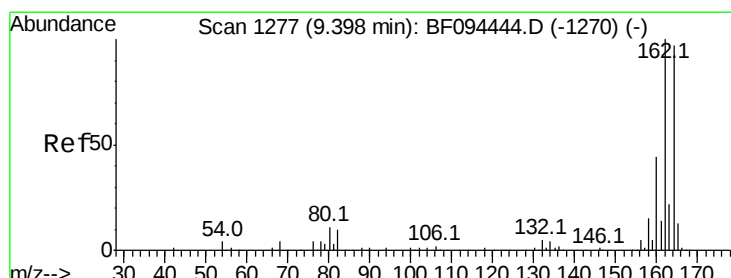
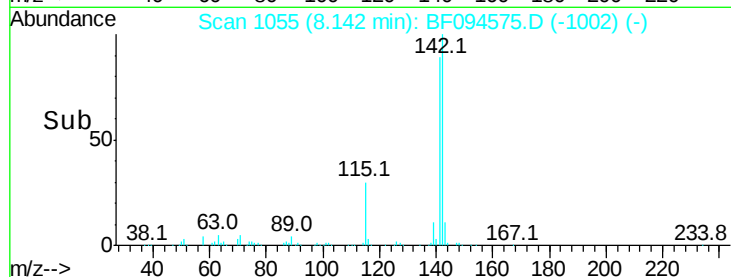
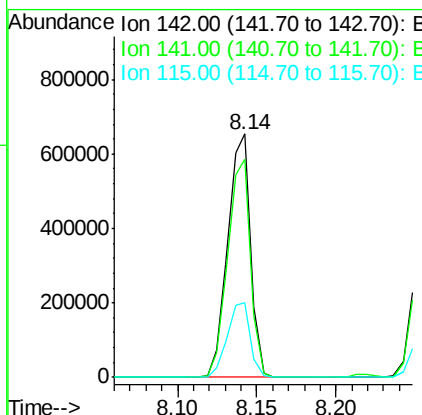
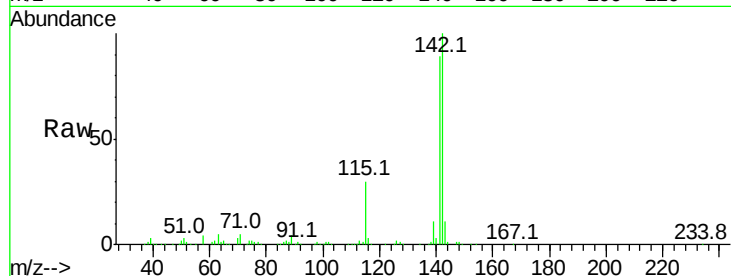
#37
2-Methylnaphthalene
Concen: 47.90 ng
RT: 8.14 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	30.4	27.1	40.7

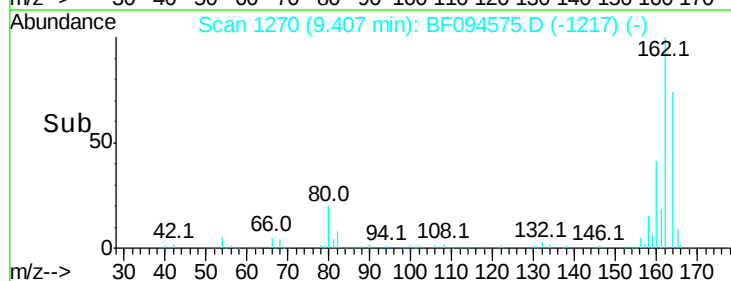
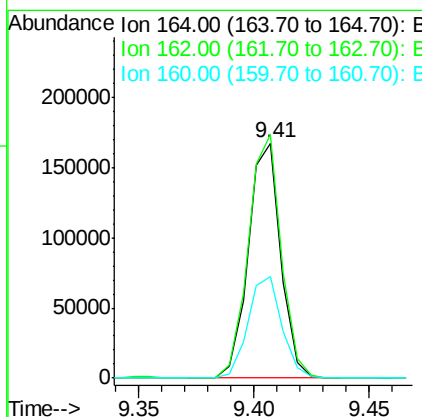
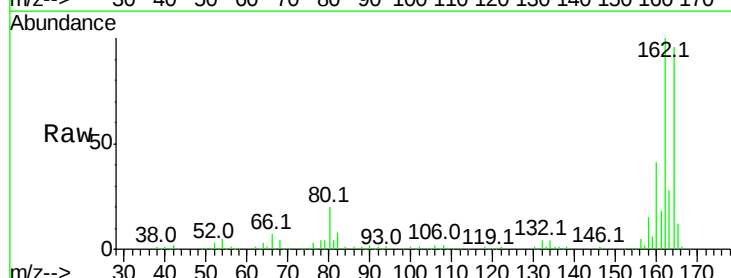
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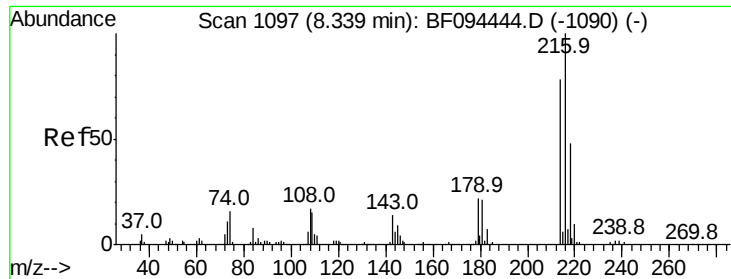
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.41 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	43.0	36.2	54.2





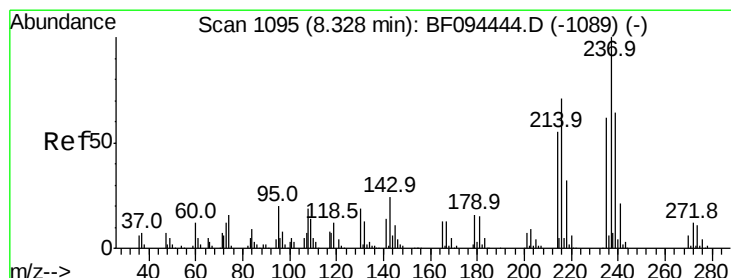
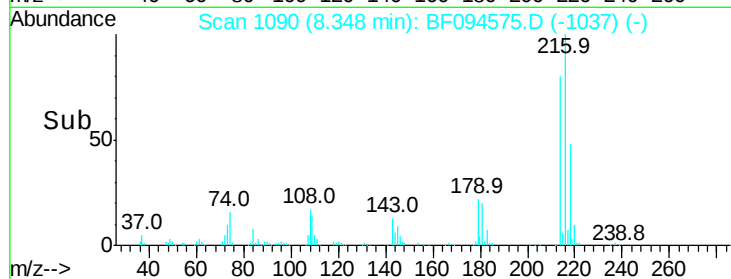
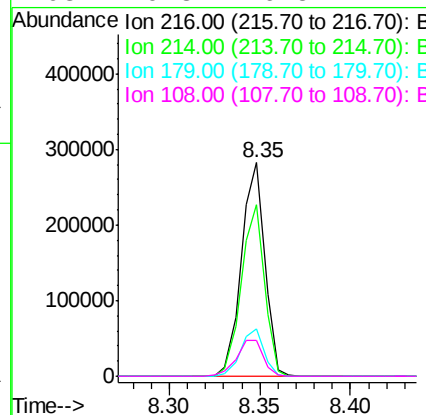
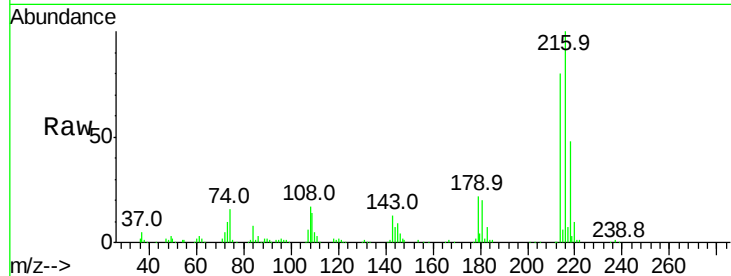
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.63 ng
 RT: 8.35 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	254175		
214	79.2	63.4	95.2	
179	21.9	17.9	26.9	
108	19.3	16.5	24.7	

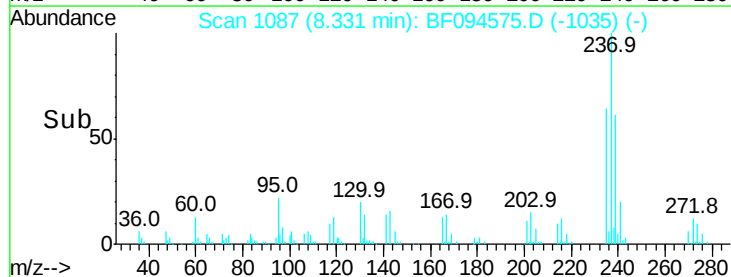
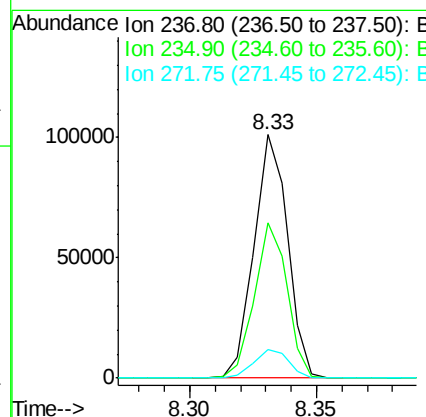
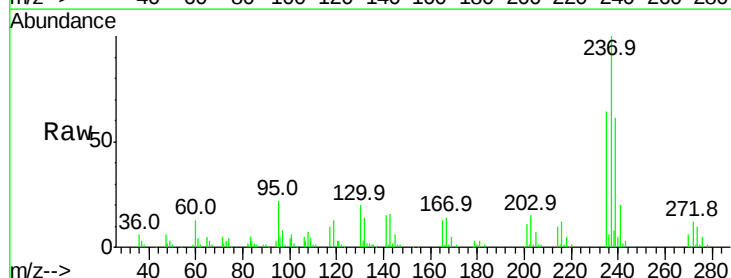
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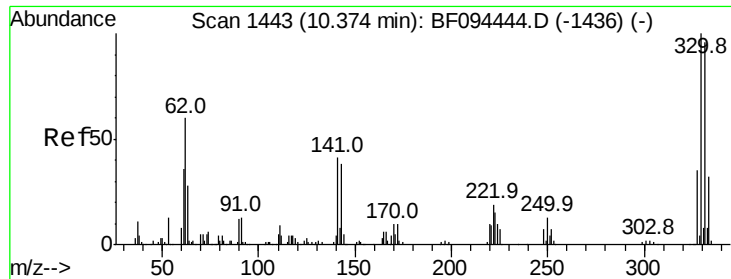
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#40
 Hexachlorocyclopentadiene
 Concen: 49.70 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	93558		
235	63.7	42.6	82.6	
272	11.7	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 176.39 ng

RT: 10.38 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

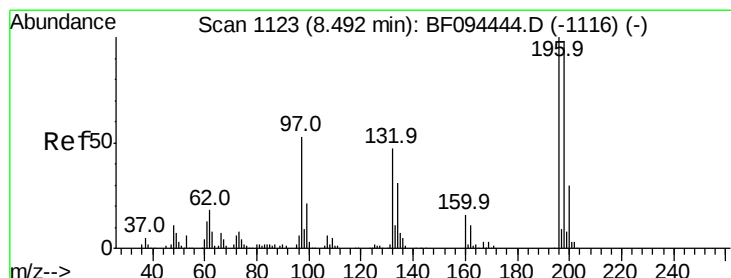
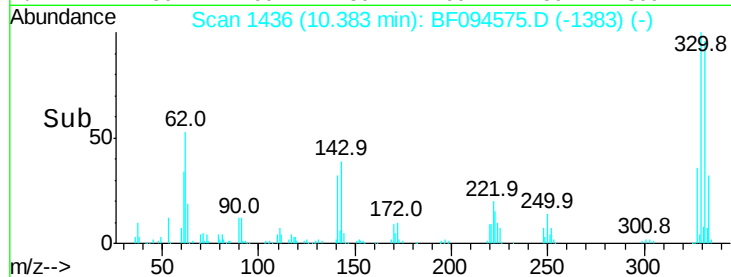
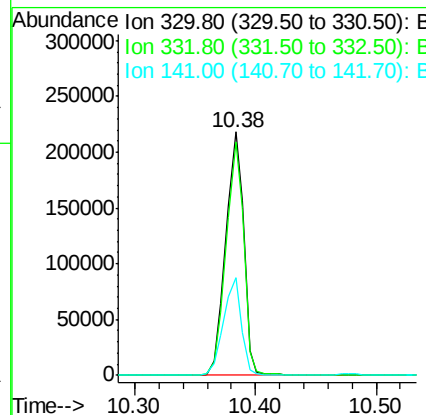
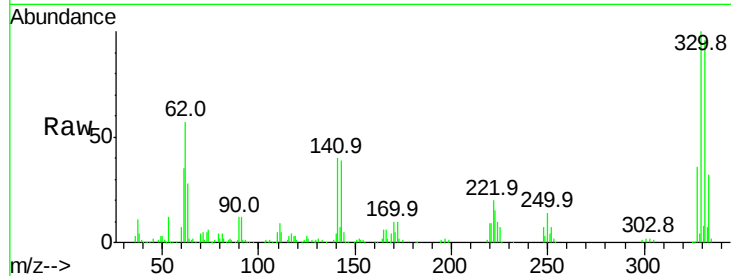
ClientSampled :

BL-2(3)MSD

Tot Ion:	330	Resp:	225437
Ion Ratio	Lower	Upper	
330	100		
332	94.7	76.6	115.0
141	39.2	31.4	47.2

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#42

2,4,6-Trichlorophenol

Concen: 50.16 ng

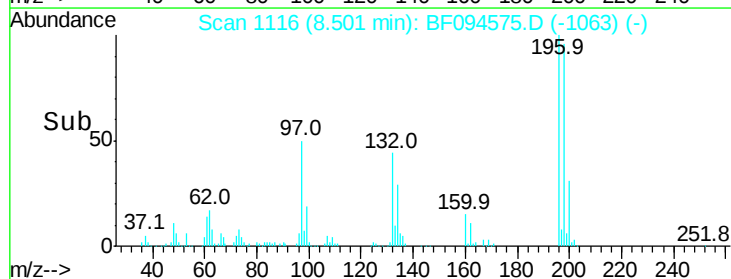
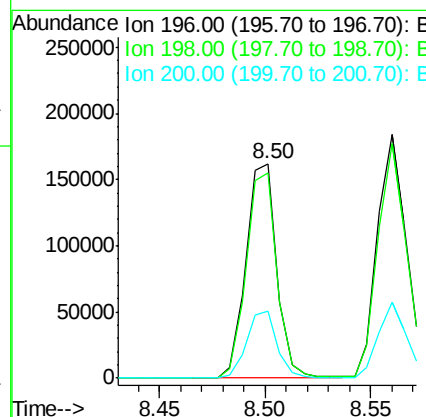
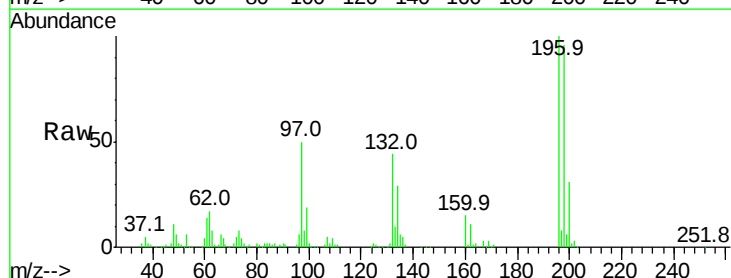
RT: 8.50 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion:	196	Resp:	163885
Ion Ratio	Lower	Upper	
196	100		
198	95.6	74.2	111.4
200	31.0	24.0	36.0





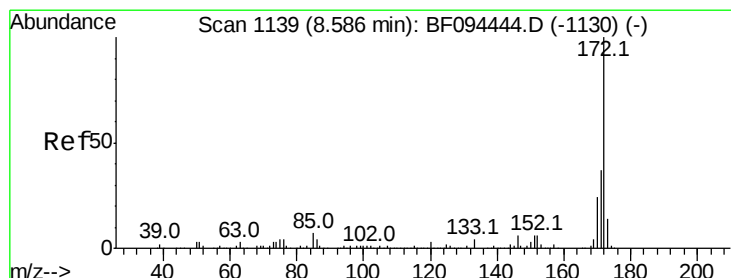
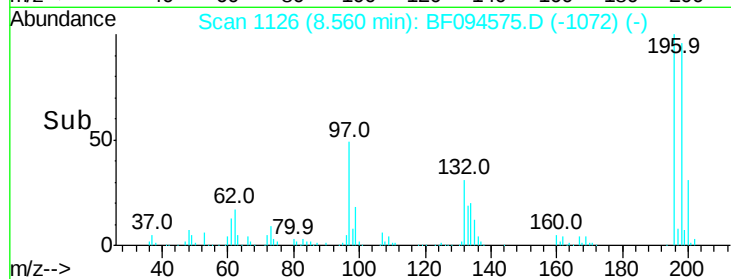
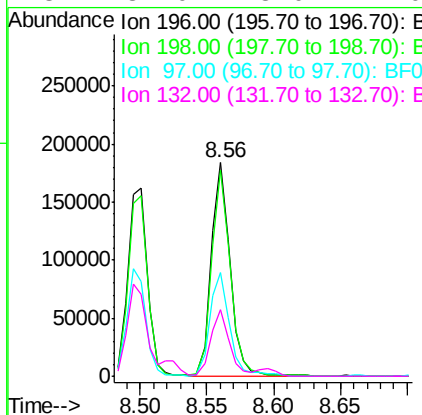
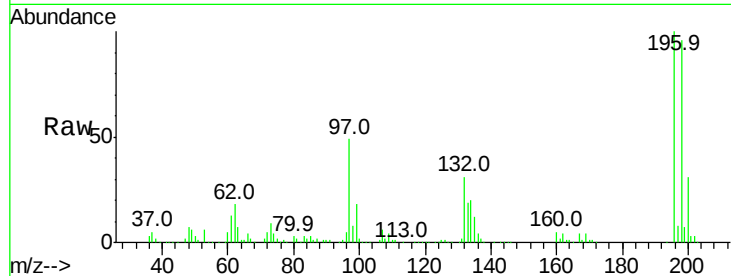
#43
 2,4,5-Trichlorophenol
 Concen: 54.50 ng
 RT: 8.56 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	196	Resp	182881
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.7	113.5
97	48.8	47.7	71.5
132	31.0	28.0	42.0

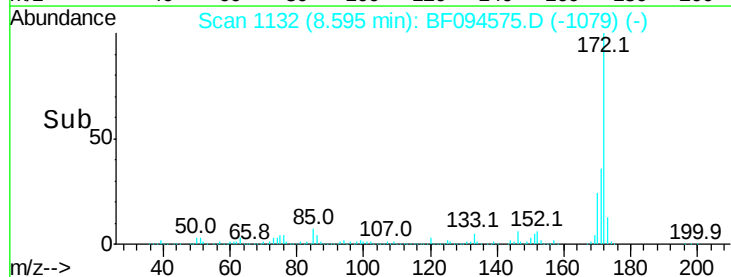
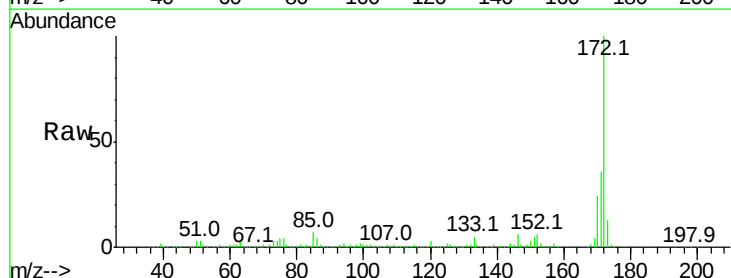
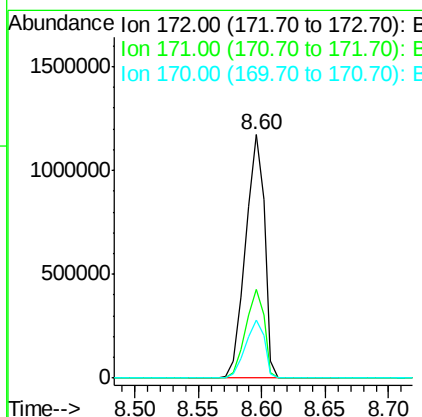
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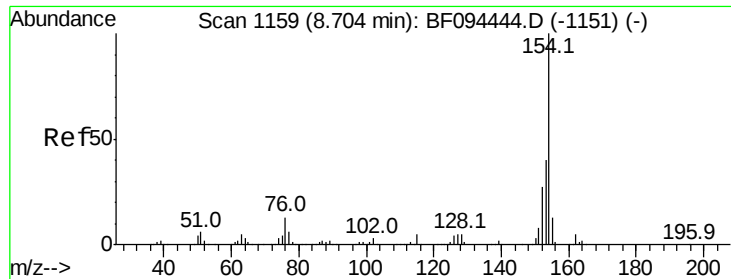
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 109.18 ng
 RT: 8.60 min Scan# 1132
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	172	Resp	1212537
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	23.8	19.8	29.8





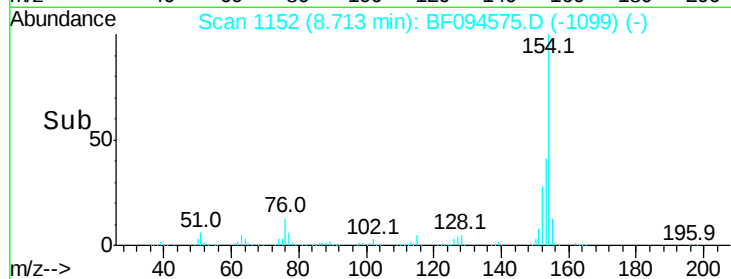
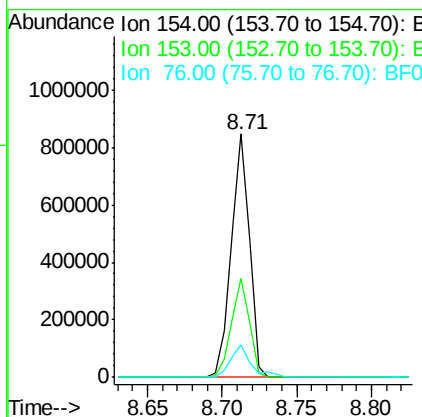
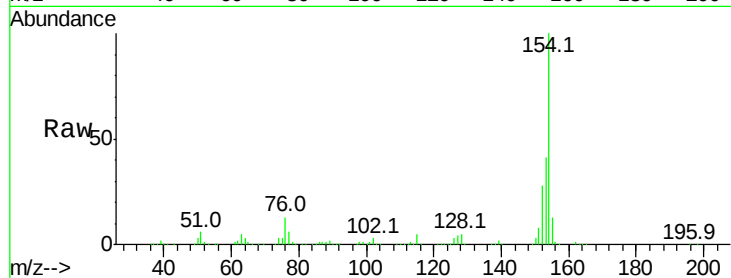
#45
 1,1'-Biphenyl
 Concen: 55.23 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.5	0.0	29.9

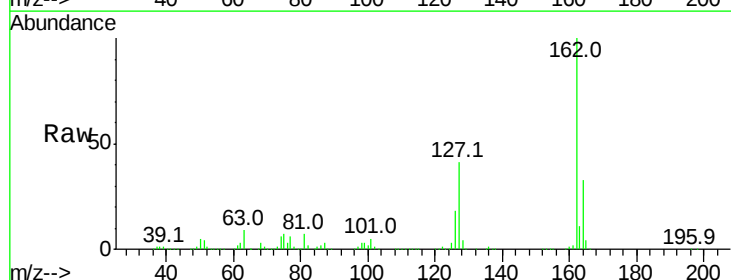
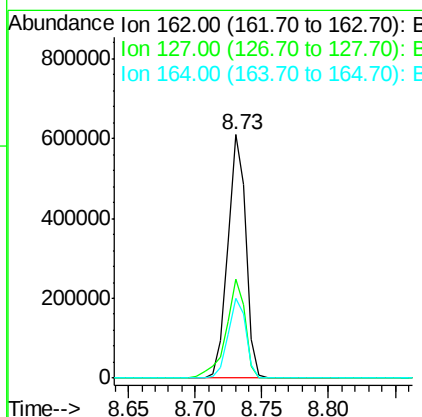
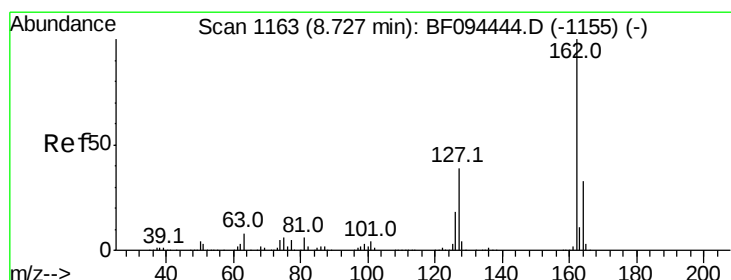
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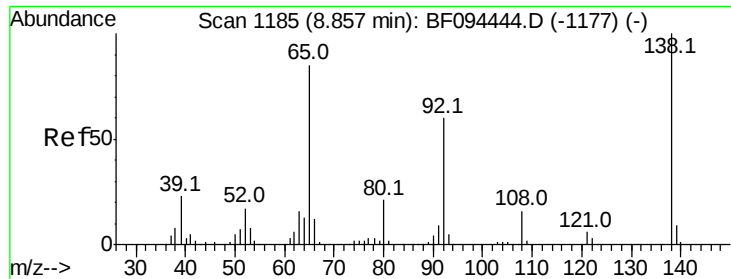
mohammad
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#46
 2-Chloronaphthalene
 Concen: 54.91 ng
 RT: 8.73 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	28.3	42.5
164	32.7	27.0	40.4





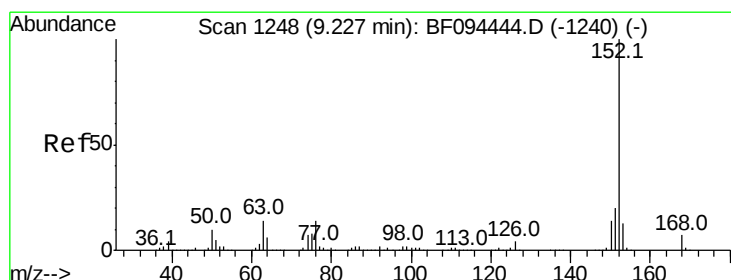
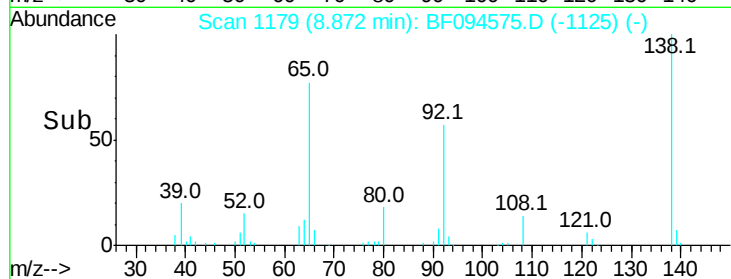
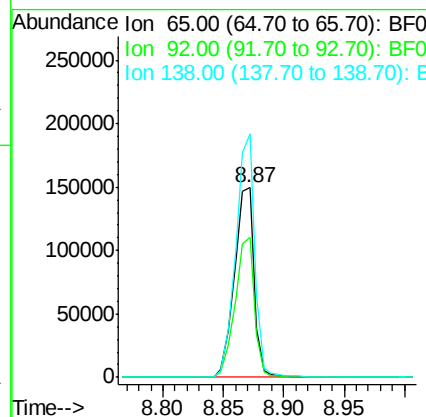
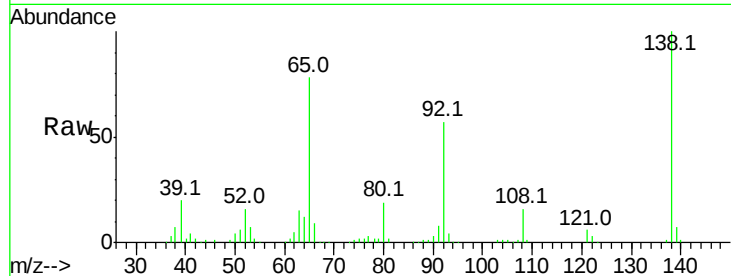
#47
 2-Nitroaniline
 Concen: 56.08 ng
 RT: 8.87 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.9	80.9
138	128.5	78.8	118.2

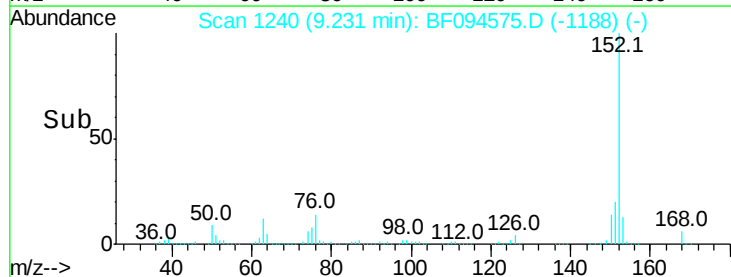
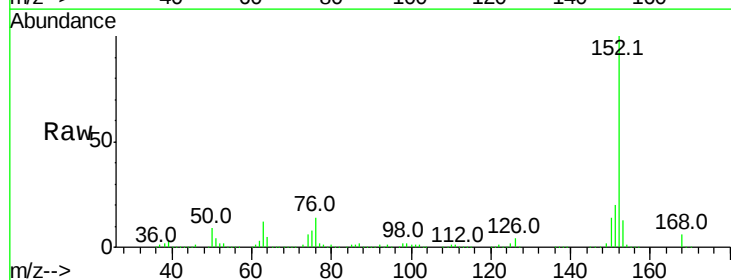
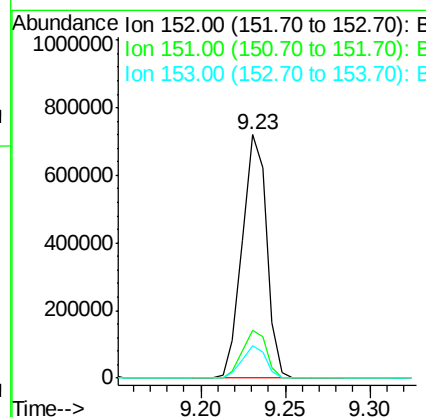
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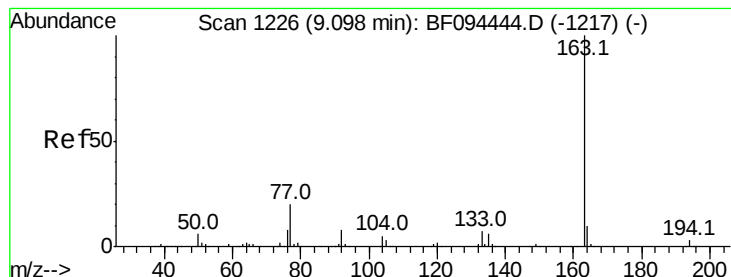
mohammad
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#48
 Acenaphthylene
 Concen: 43.83 ng
 RT: 9.23 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.4	10.8	16.2





#49

Dimethylphthalate

Concen: 76.97 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

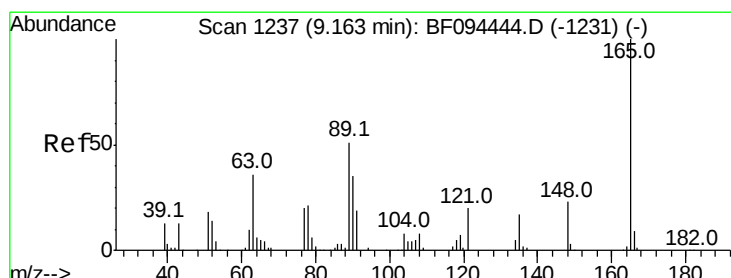
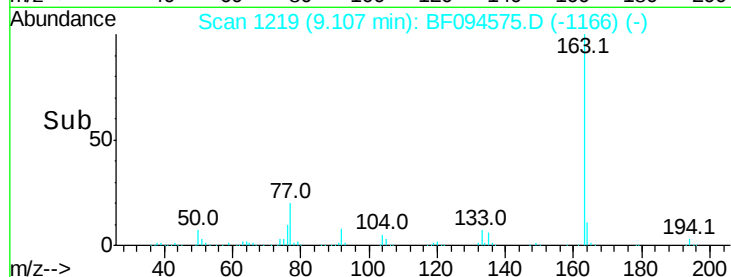
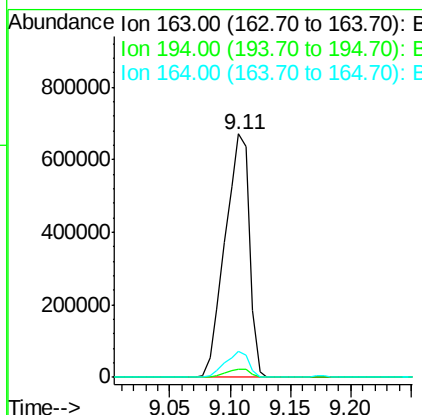
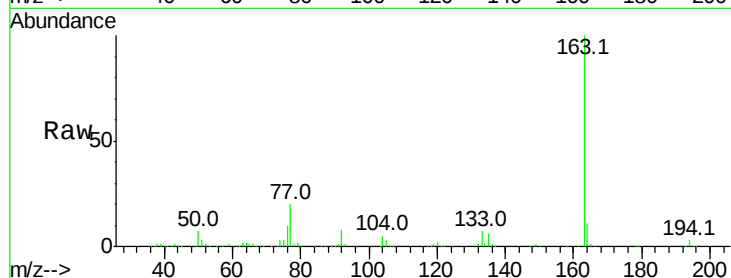
ClientSampleId :

BL-2(3)MSD

Tot Ion:	163	Resp:	937283
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.6	8.4	12.6

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 56.14 ng

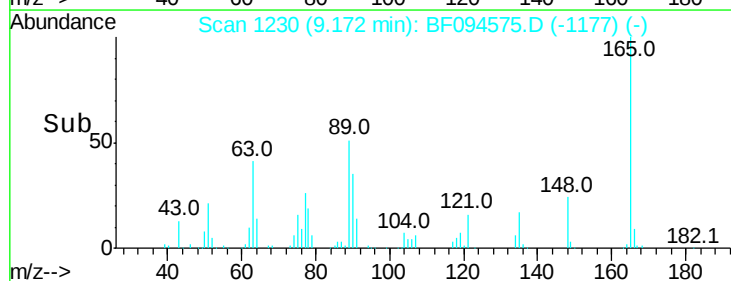
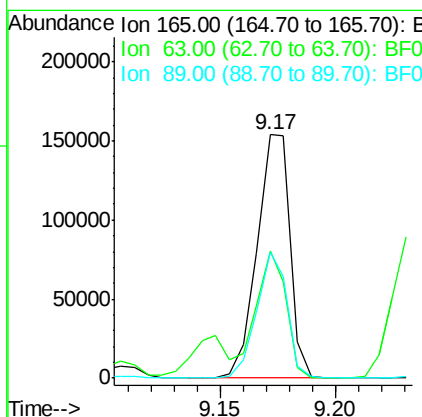
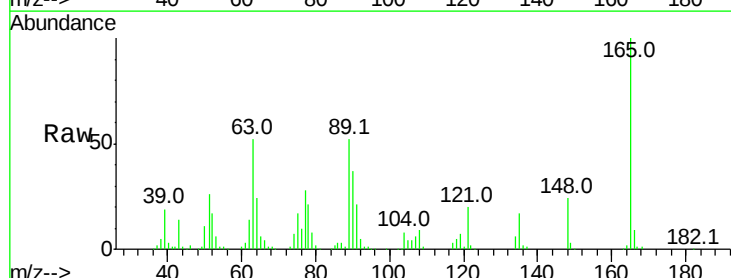
RT: 9.17 min Scan# 1230

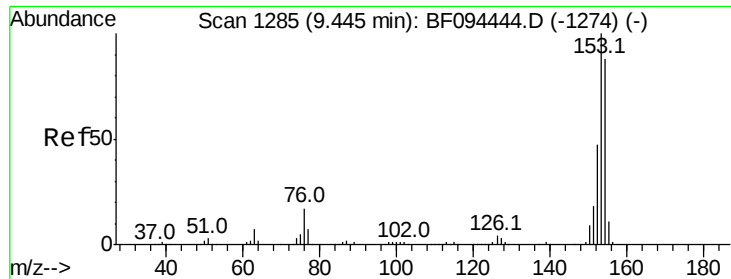
Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion:	165	Resp:	153441
Ion Ratio	Lower	Upper	
165	100		
63	52.1	34.3	51.5#
89	51.7	37.1	55.7





#51

Acenaphthene

Concen: 48.80 ng

RT: 9.45 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

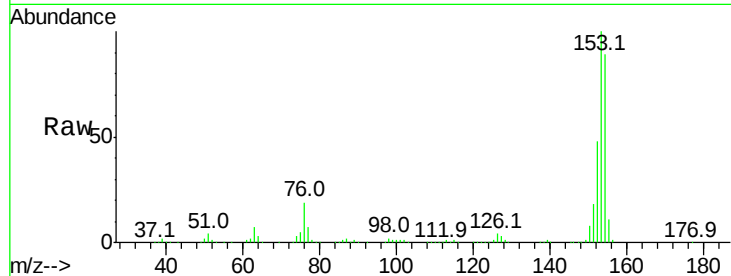
ClientSampleId :

BL-2(3)MSD

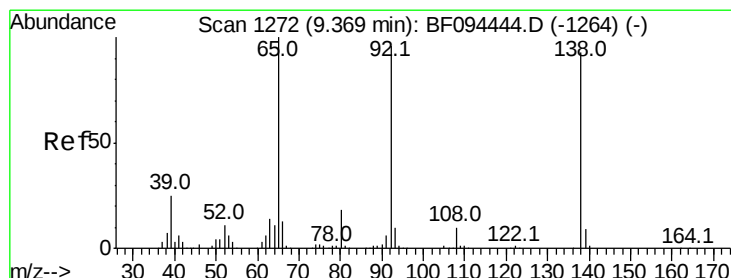
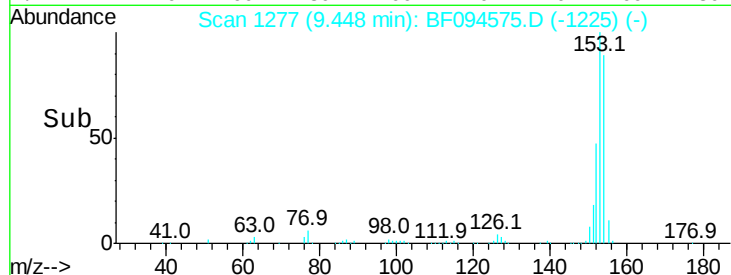
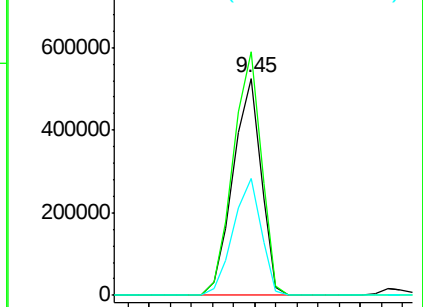
Tot Ion:	154	Resp:	483679
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.5	135.7
152	53.8	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.68 ng

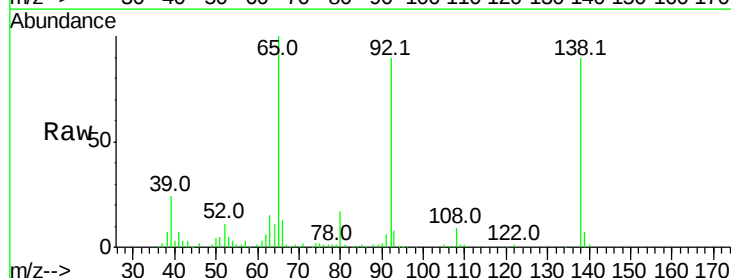
RT: 9.38 min Scan# 1265

Delta R.T. 0.01 min

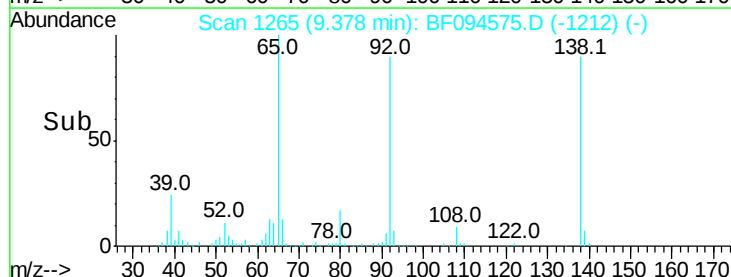
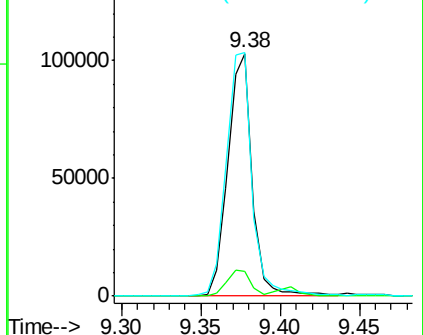
Lab File: BF094575.D

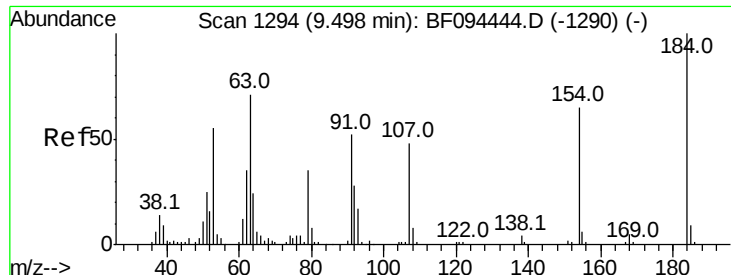
Acq: 21 Apr 2017 21:05

Tgt Ion:	138	Resp:	109669
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.1	13.7
92	100.4	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





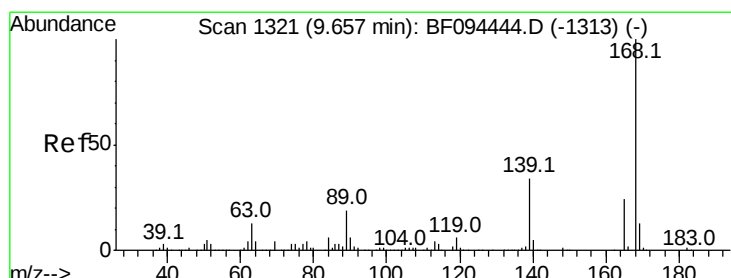
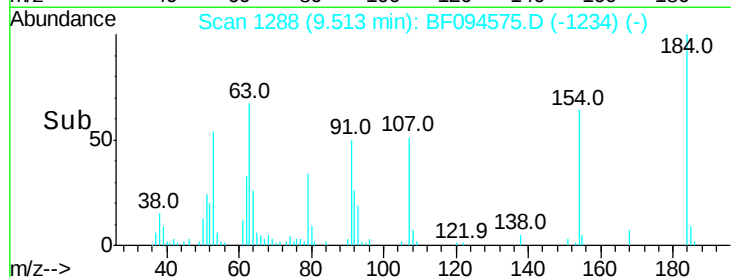
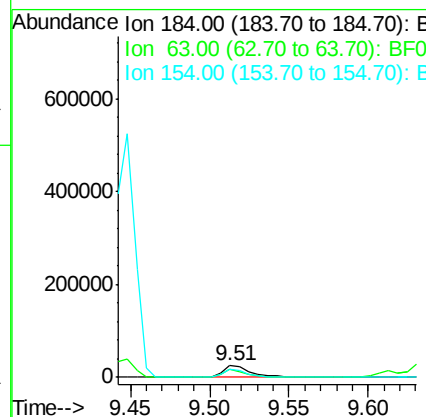
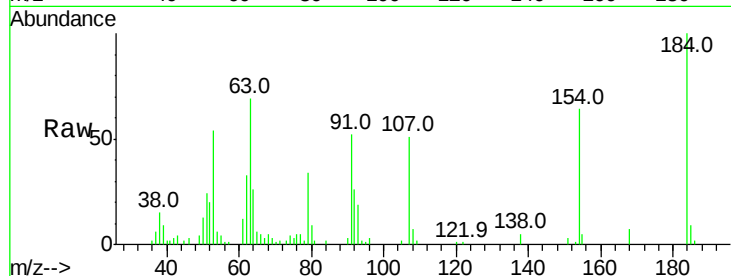
#53
 2,4-Dinitrophenol
 Concen: 25.48 ng
 RT: 9.51 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	31524		
63	68.8	62.7	94.1	
154	64.3	81.1	121.7	

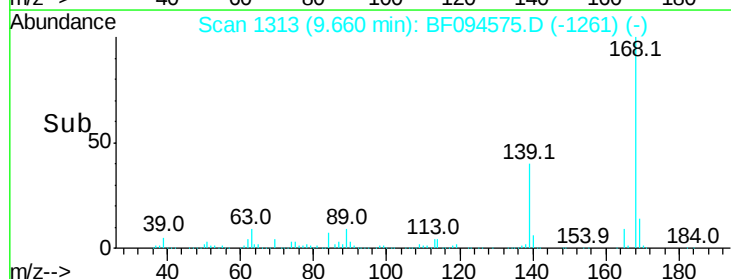
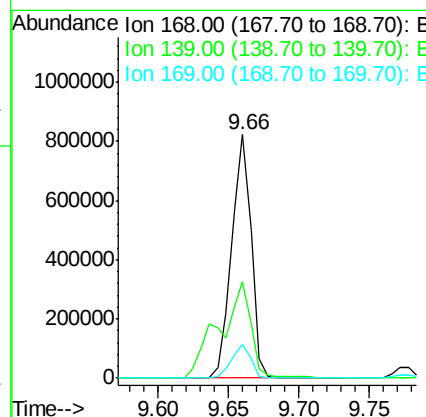
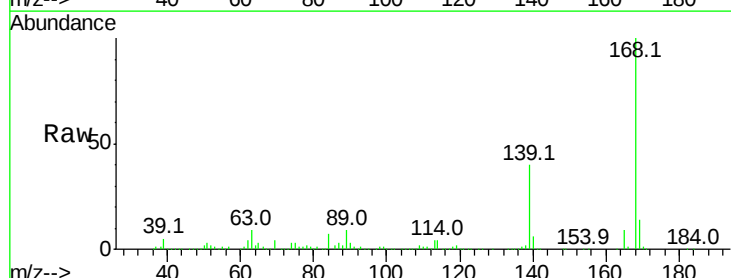
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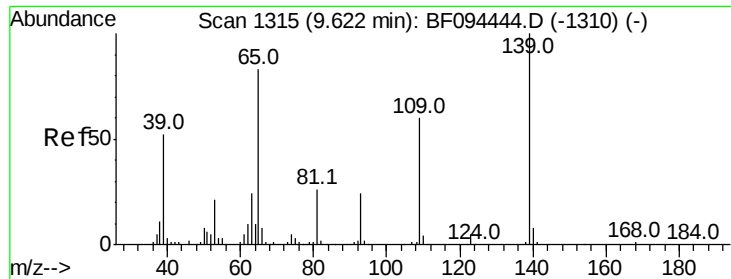
mohammad
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#54
 Dibenzofuran
 Concen: 54.50 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	785116		
139	39.8	30.6	45.8	
169	13.7	10.8	16.2	





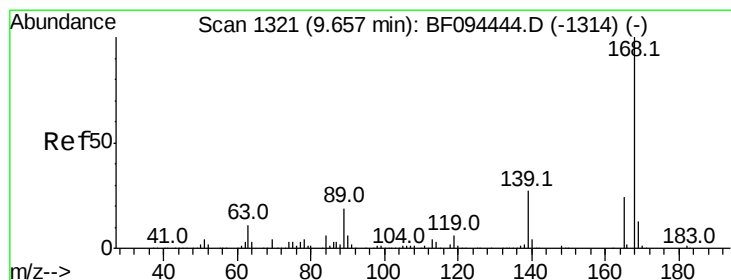
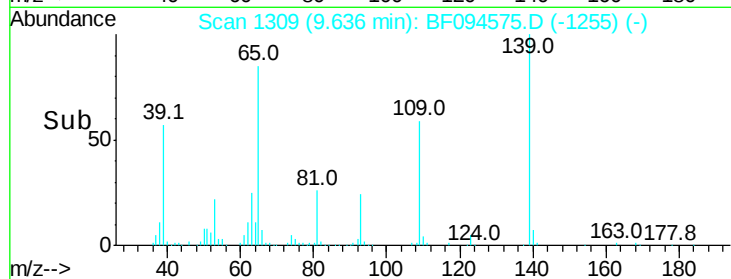
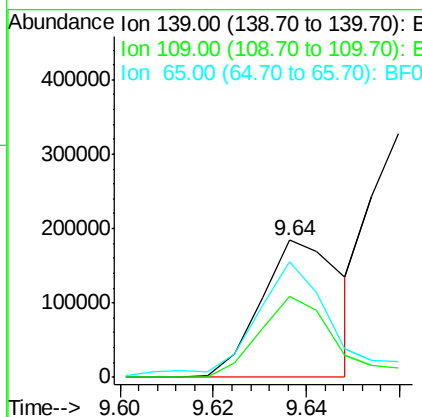
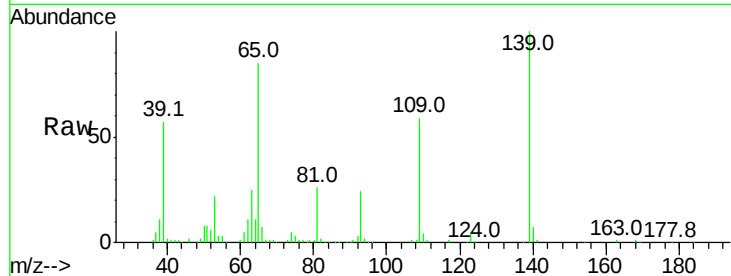
#55
4-Nitrophenol
Concen: 99.15 ng/ml
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.1	34.1	74.1	
65	84.7	31.4	71.4	

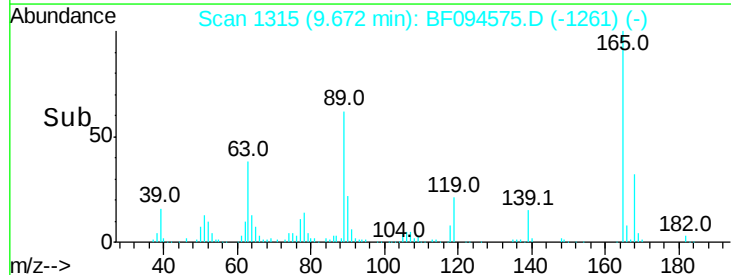
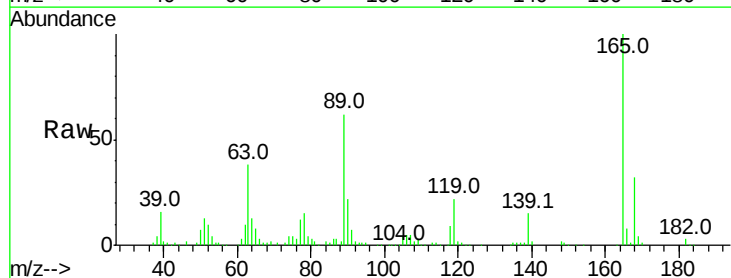
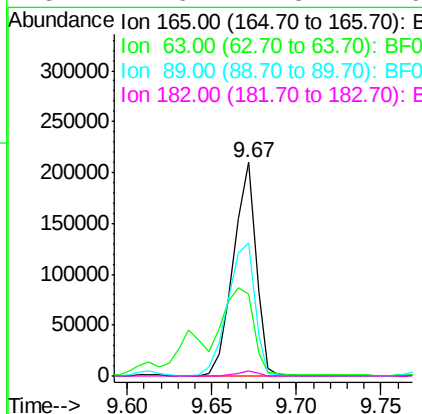
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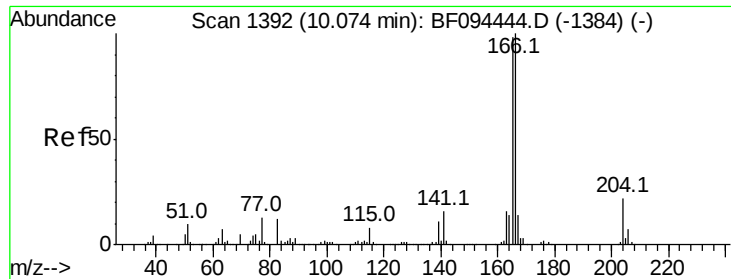
mohammad
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#56
2,4-Dinitrotoluene
Concen: 58.49 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.3	25.4	38.0	
89	62.4	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 56.45 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

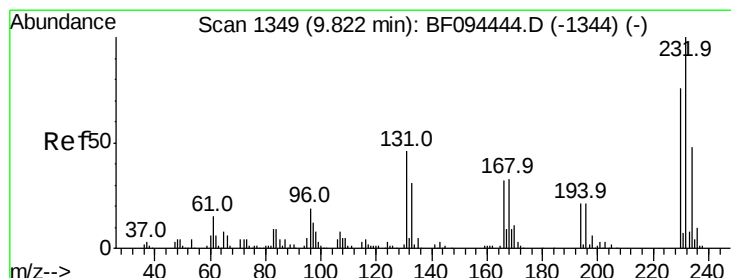
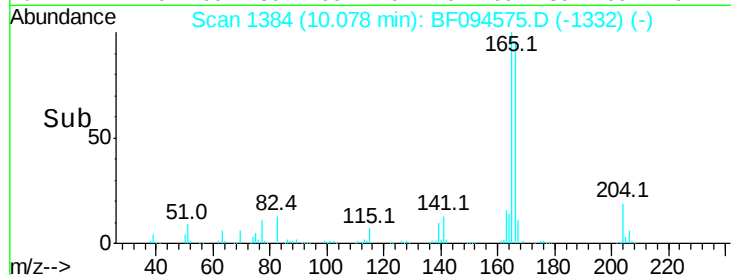
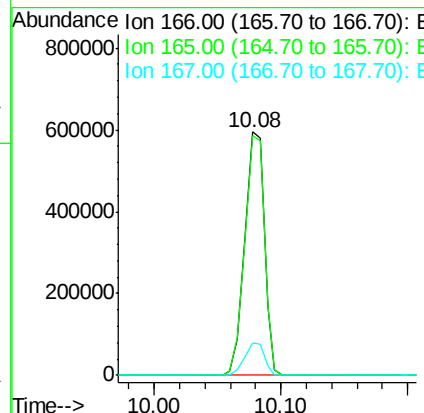
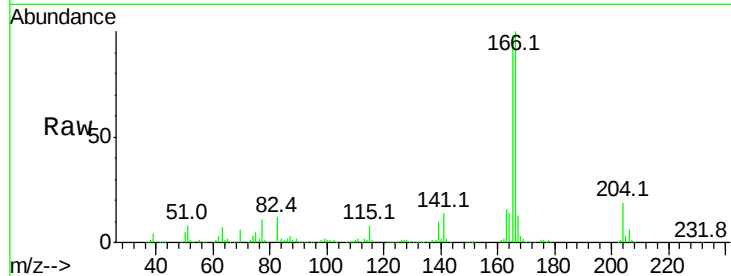
ClientSampleId :

BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	633225		
165	98.3		78.8	118.2
167	13.3		10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 60.30 ng

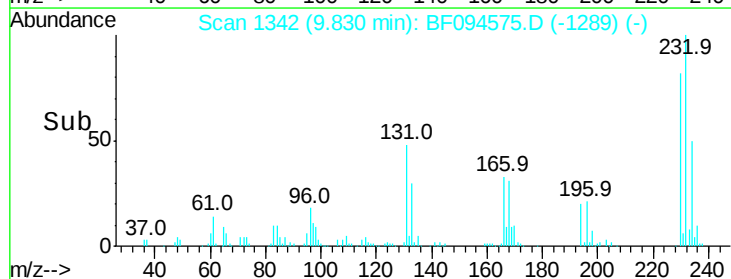
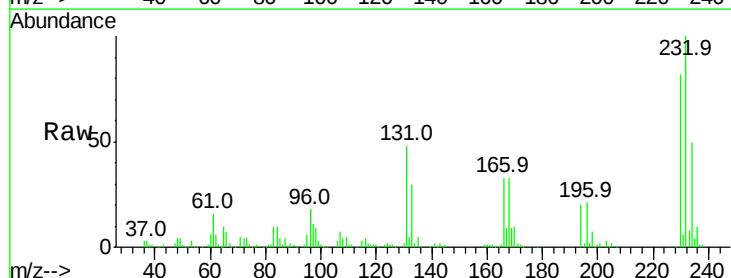
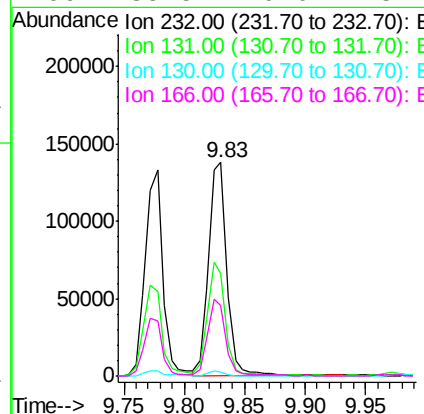
RT: 9.83 min Scan# 1342

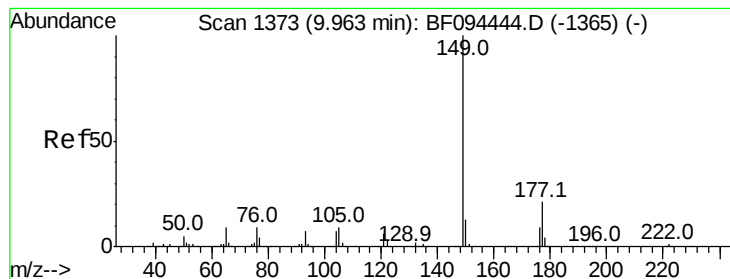
Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	145022		
131	53.2		44.8	67.2
130	2.3		2.3	3.5#
166	35.5		29.0	43.4





#59

Diethylphthalate

Concen: 62.42 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

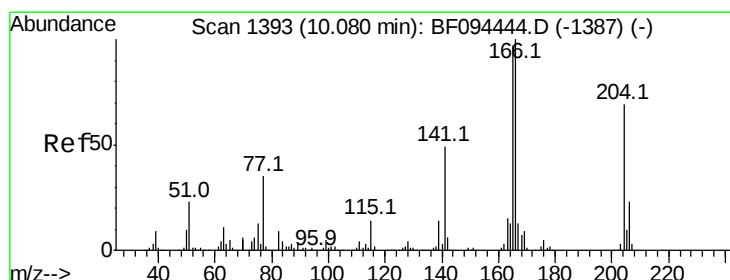
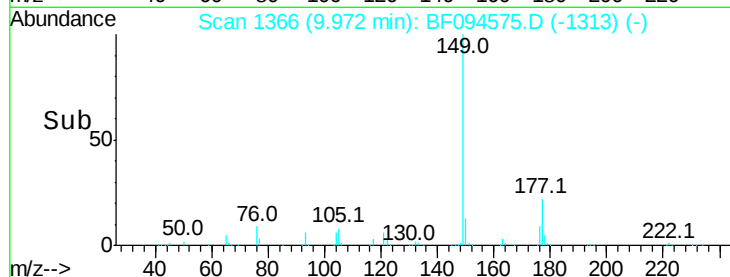
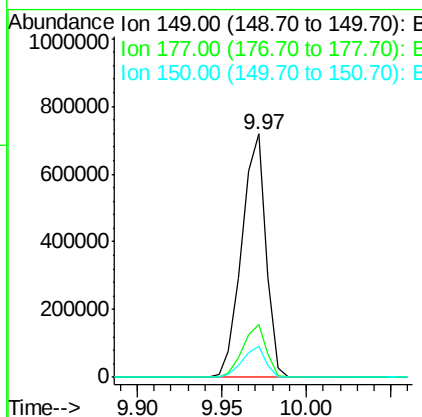
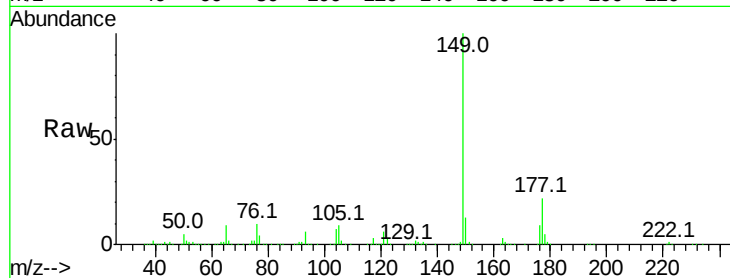
ClientSampleId :

BL-2(3)MSD

Tot Ion:	149	Resp:	717188
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.7	25.1
150	12.8	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 60.38 ng

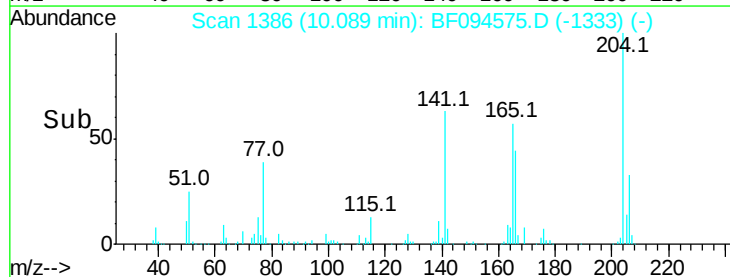
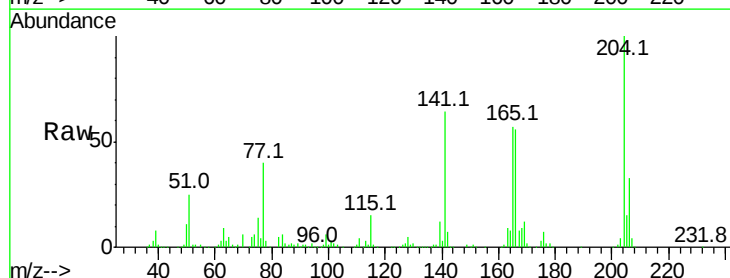
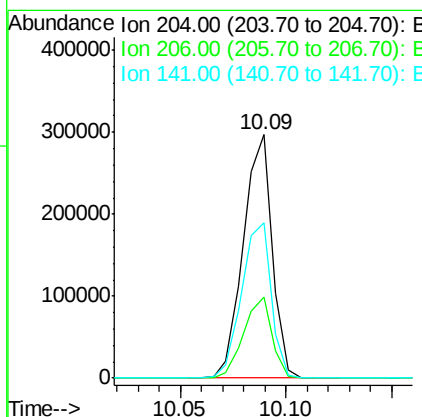
RT: 10.09 min Scan# 1386

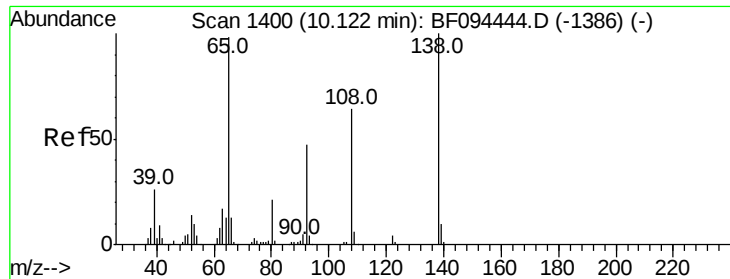
Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion:	204	Resp:	281902
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.2	39.2
141	63.9	60.8	91.2





#61

4-Nitroaniline

Concen: 48.96 ng

RT: 10.13 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

ClientSampleId :

BL-2(3)MSD

Tot Ion:138 Resp: 157407

Ion Ratio Lower Upper

138 100

92 46.2 21.8 61.8

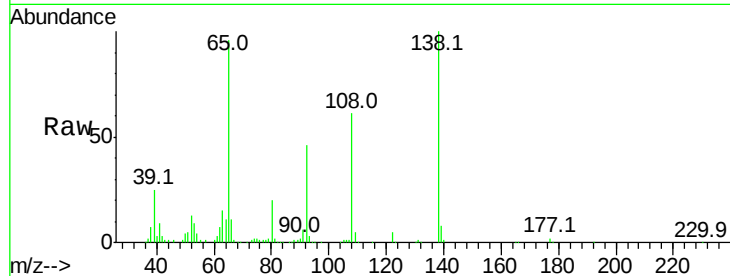
108 61.1 42.3 82.3

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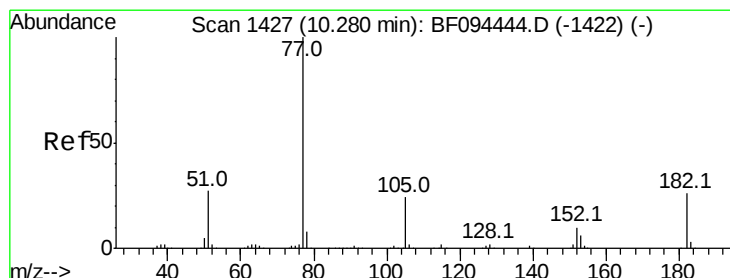
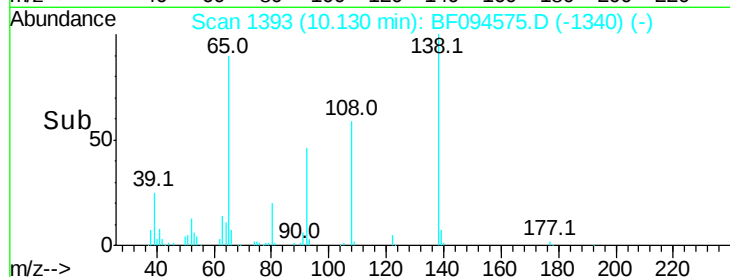
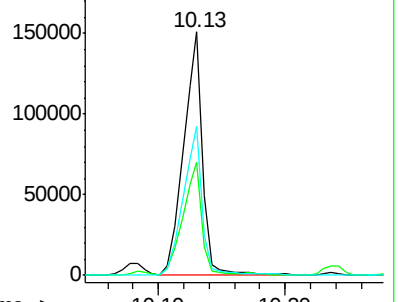
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 59.51 ng

RT: 10.28 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion: 77 Resp: 663914

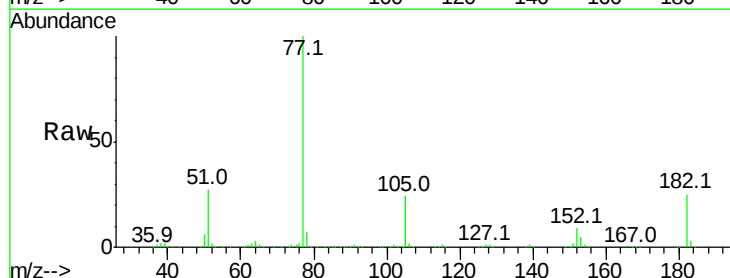
Ion Ratio Lower Upper

77 100

182 25.0 0.1 40.1

105 23.7 3.6 43.6

51 26.5 9.4 49.4

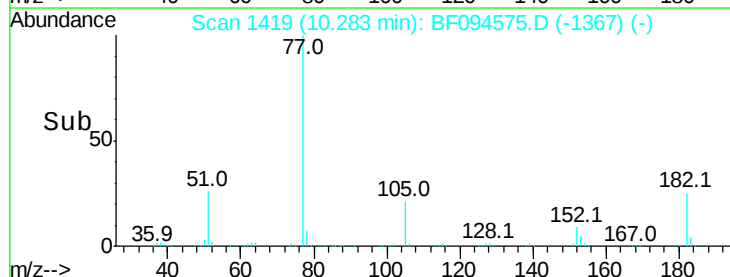
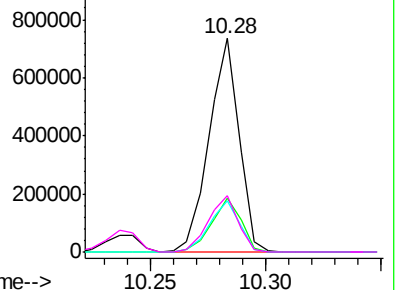


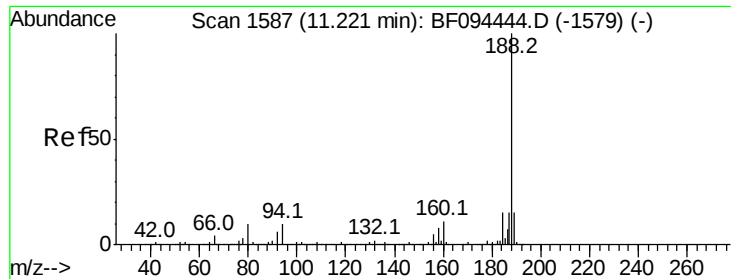
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





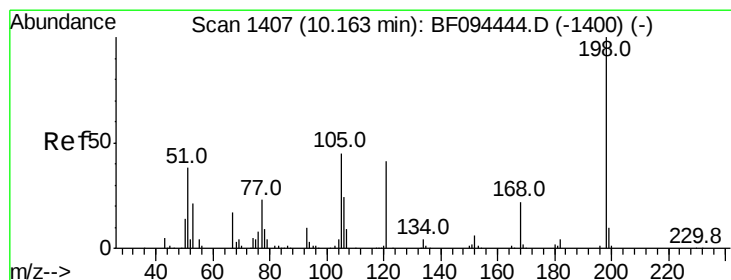
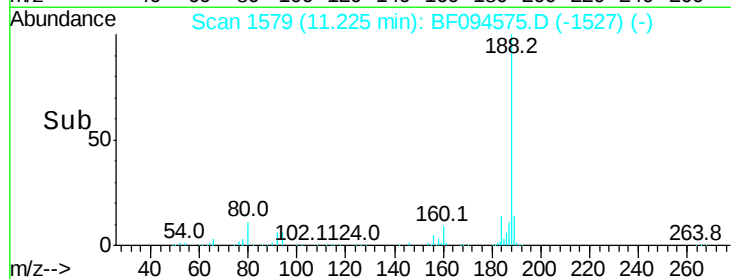
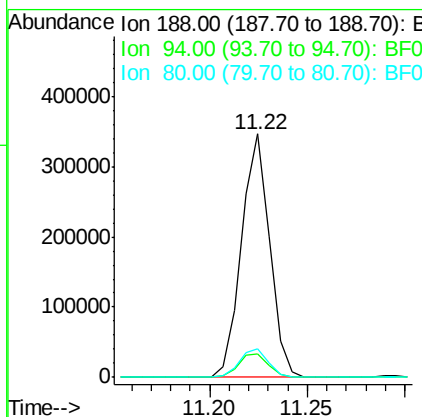
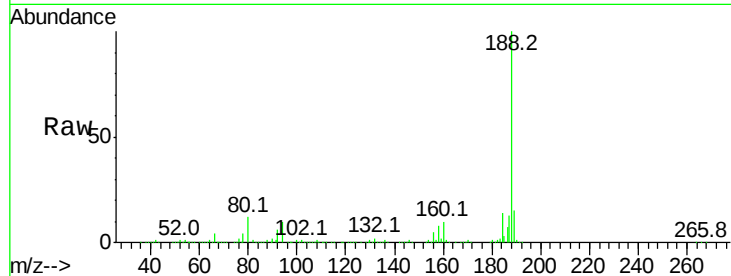
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	346472		
94	9.8		9.4	14.2
80	11.5		10.2	15.2

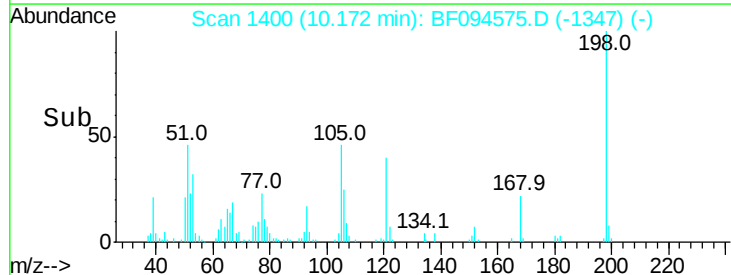
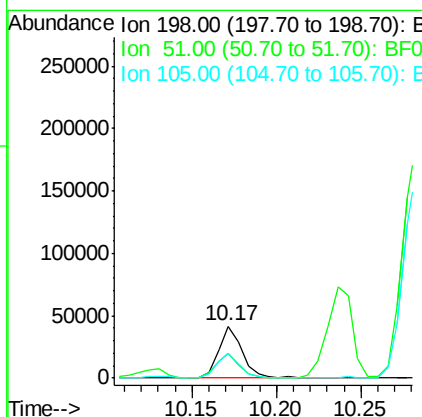
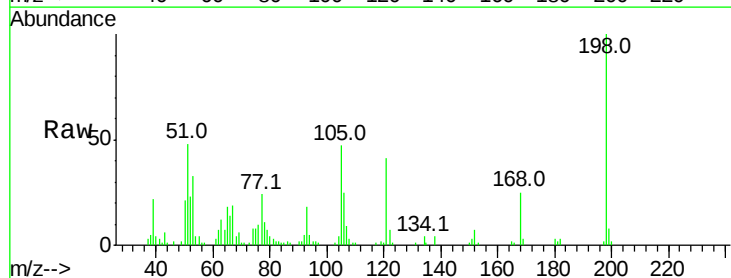
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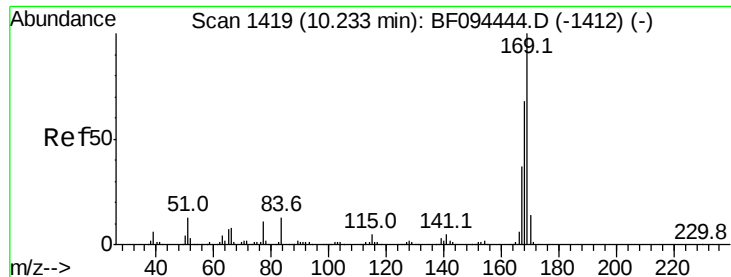
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.67 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	40121		
51	47.5		53.2	93.2#
105	46.9		45.8	85.8





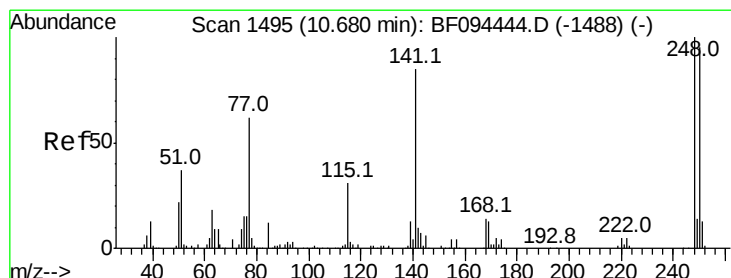
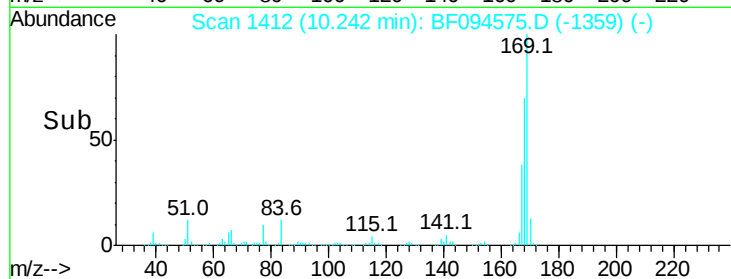
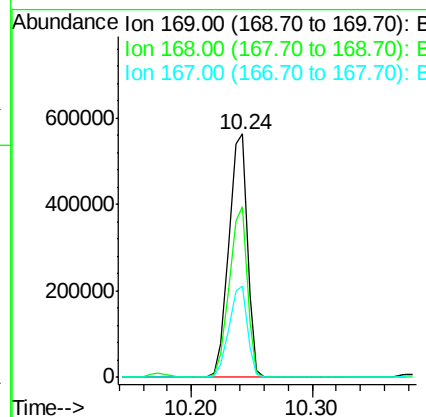
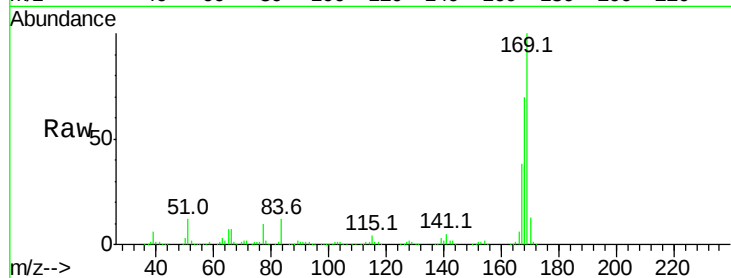
#65
n-Nitrosodiphenylamine
Concen: 49.72 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	599146		
168	69.9		53.2	79.8
167	37.7		29.5	44.3

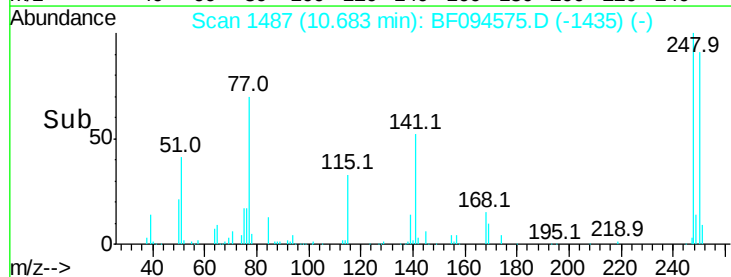
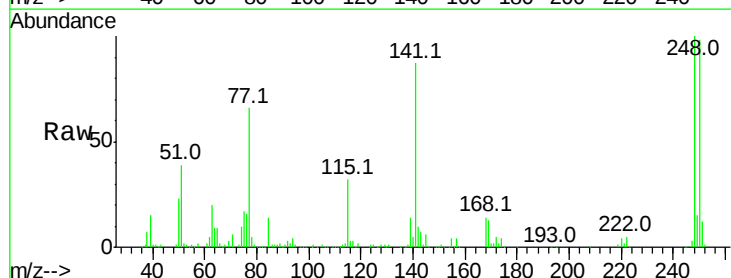
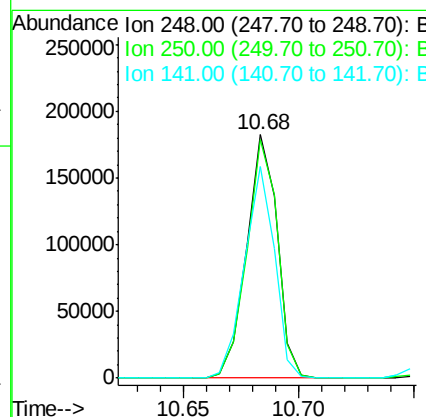
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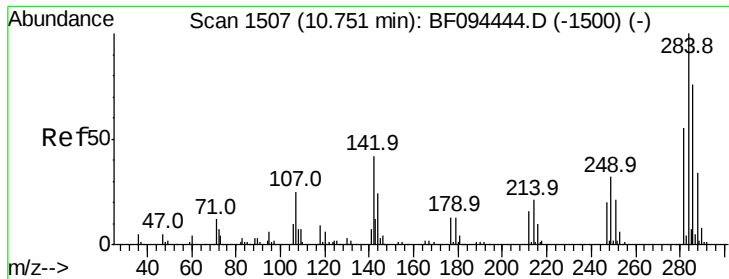
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 49.20 ng
RT: 10.68 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169271		
250	98.0		76.8	115.2
141	87.1		68.6	103.0





#67

Hexachlorobenzene

Concen: 47.27 ng

RT: 10.76 min Scan# 1500

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

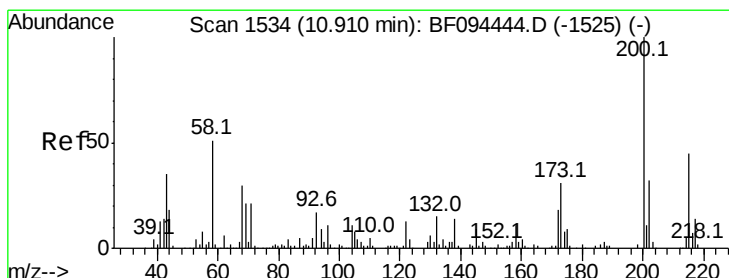
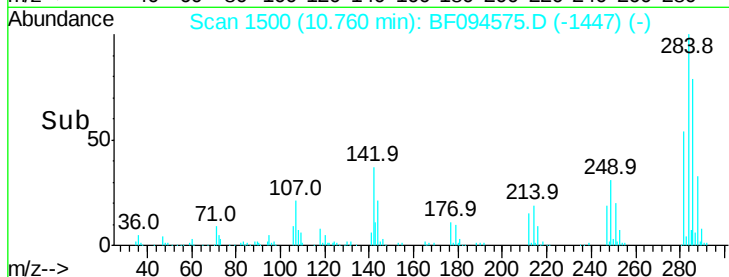
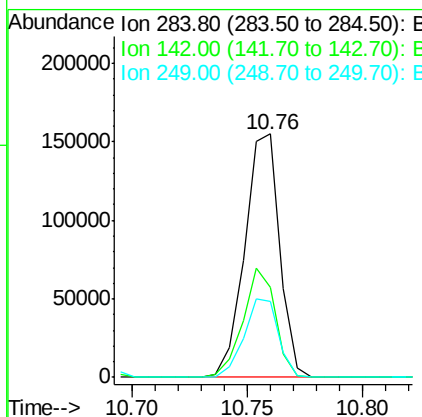
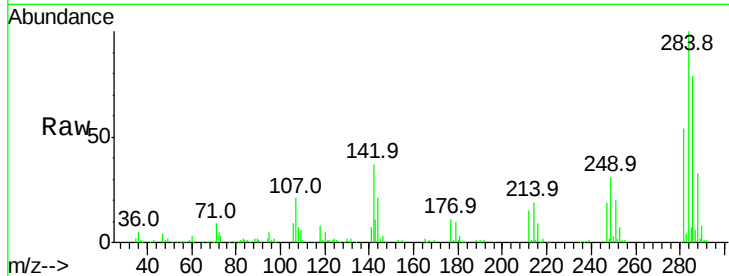
ClientSampleId :

BL-2(3)MSD

Tot Ion:	284	Resp:	163885
Ion Ratio		Lower	Upper
284	100		
142	36.8	22.8	34.2#
249	31.2	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 47.77 ng

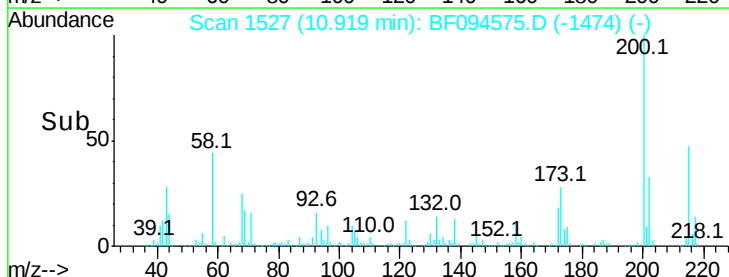
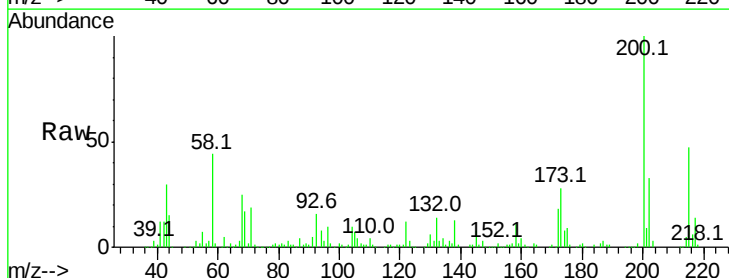
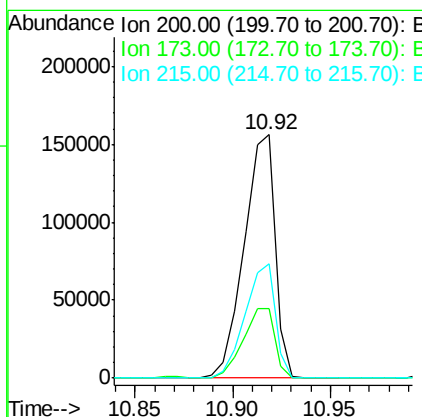
RT: 10.92 min Scan# 1527

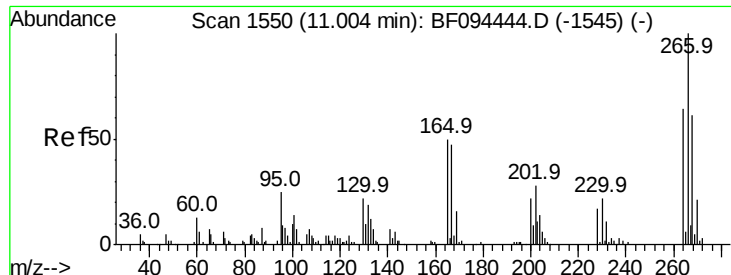
Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion:	200	Resp:	172198
Ion Ratio		Lower	Upper
200	100		
173	28.5	6.3	46.3
215	47.0	27.2	67.2





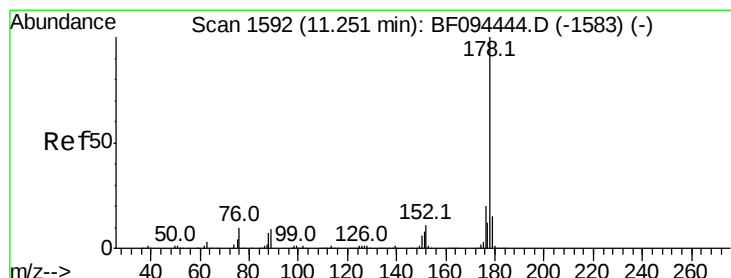
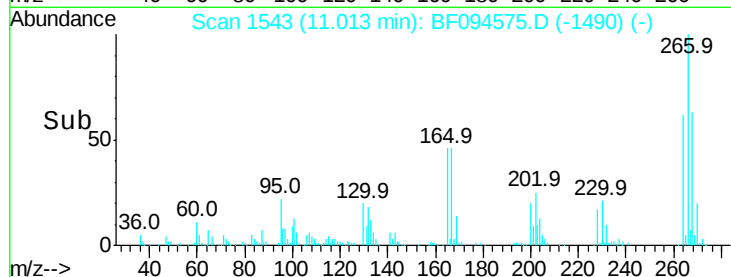
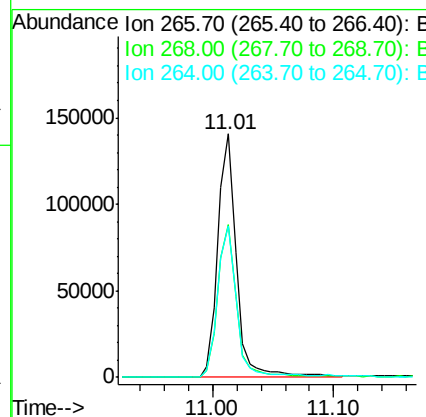
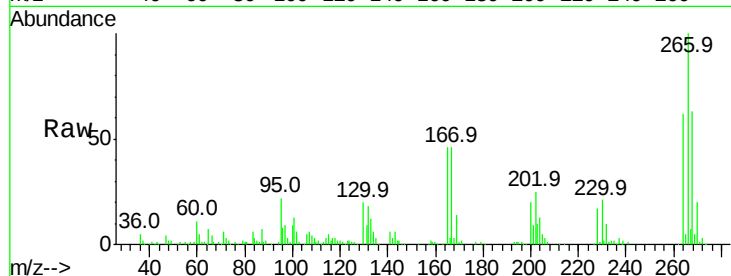
#69
 Pentachlorophenol
 Concen: 109.12 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	150229		
268	62.6		51.1	76.7
264	62.0		51.7	77.5

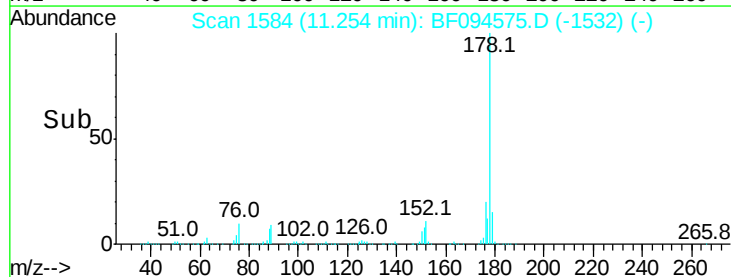
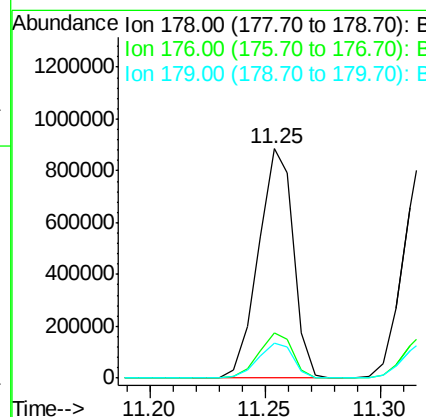
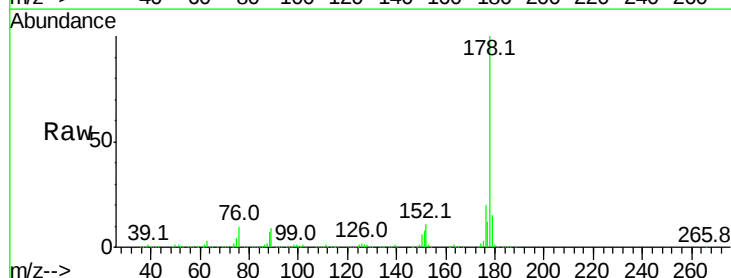
Manual Integrations
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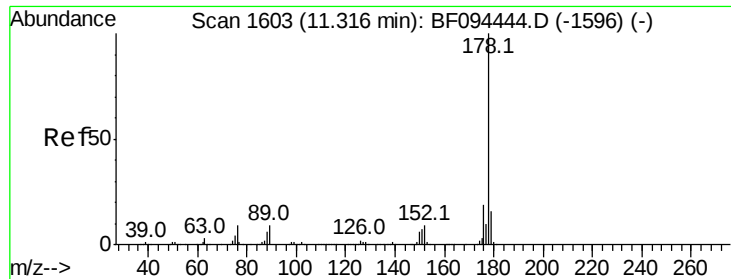
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#70
 Phenanthrene
 Concen: 47.92 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	934877		
176	19.5		16.2	24.4
179	15.5		12.6	19.0





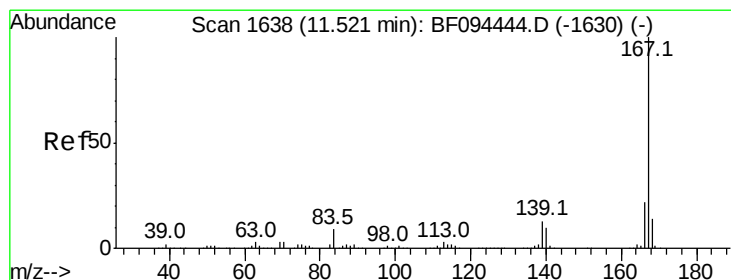
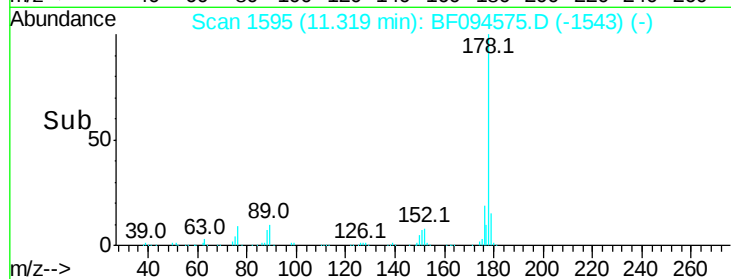
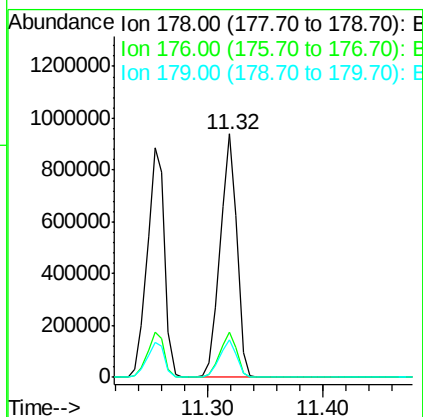
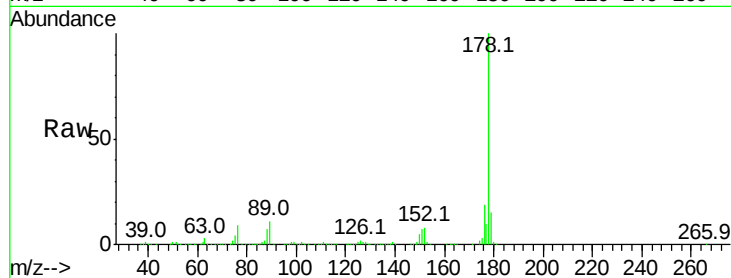
#71
 Anthracene
 Concen: 46.77 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	12.7	19.1

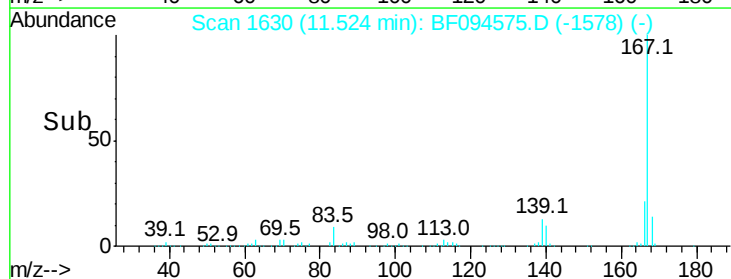
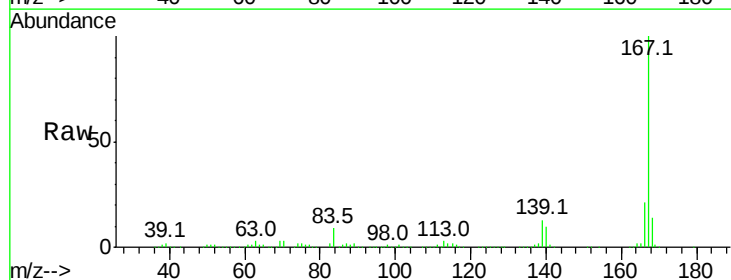
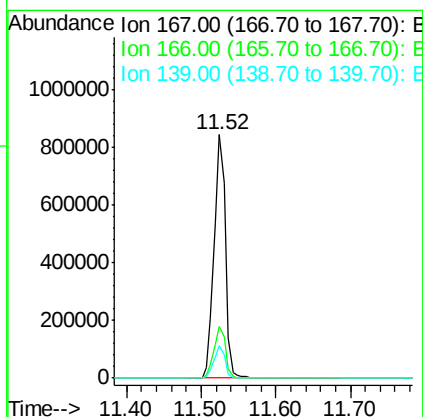
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#72
 Carbazole
 Concen: 46.79 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	13.2	11.7	17.5





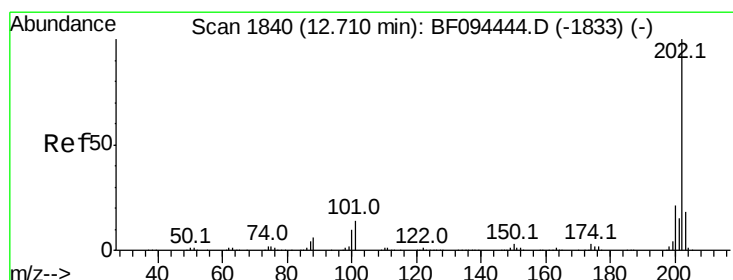
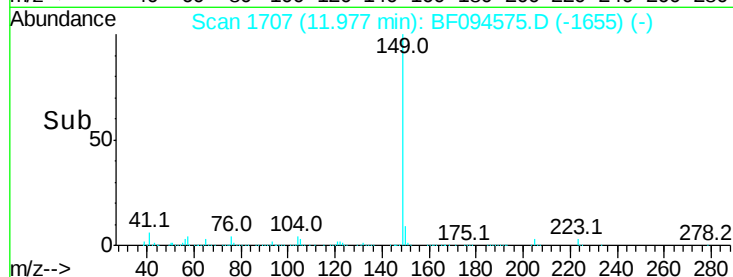
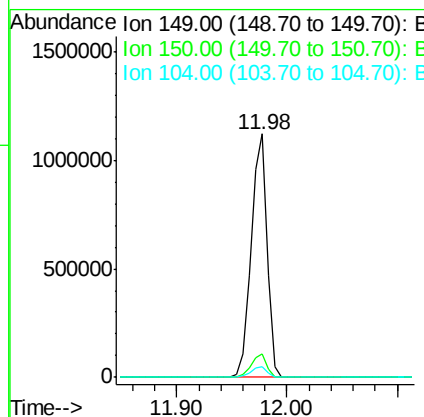
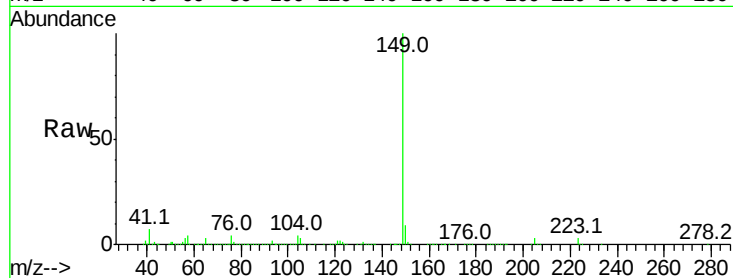
#73
Di-n-butylphthalate
Concen: 54.19 ng
RT: 11.98 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampled :
BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.3	4.0	6.0

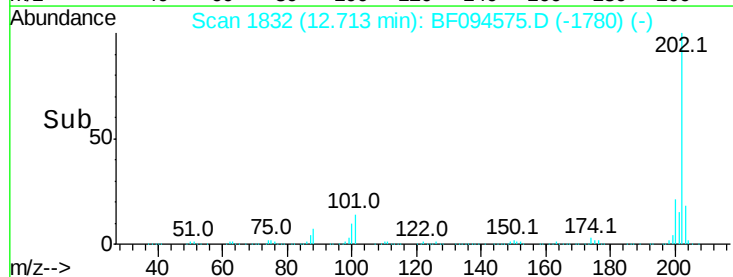
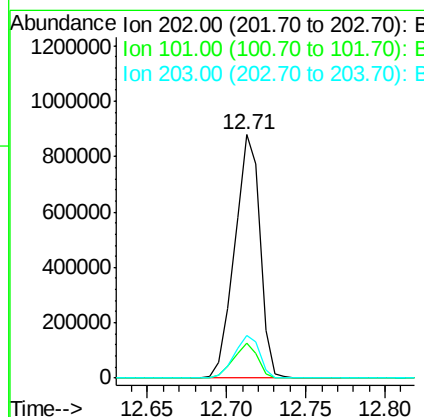
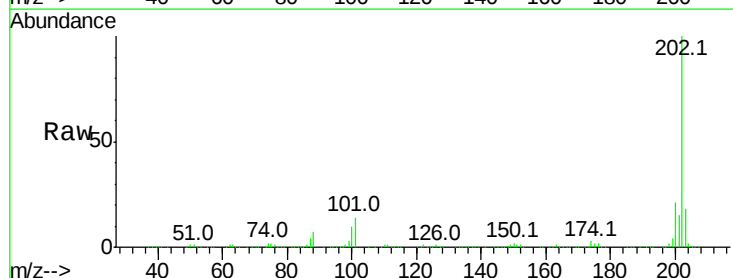
Manual Integrations
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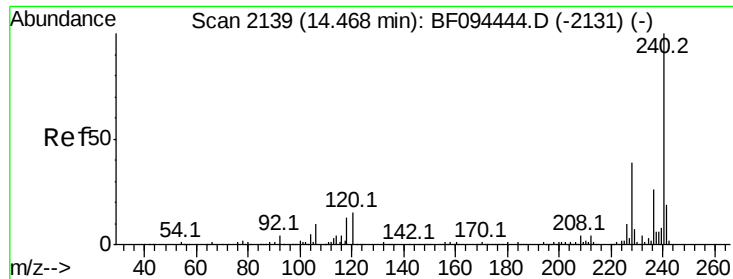
mohammad
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#74
Fluoranthene
Concen: 48.01 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.7	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: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

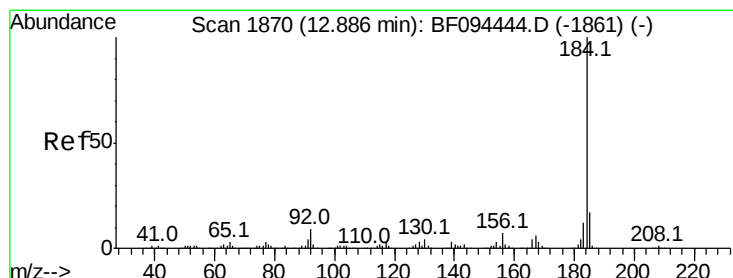
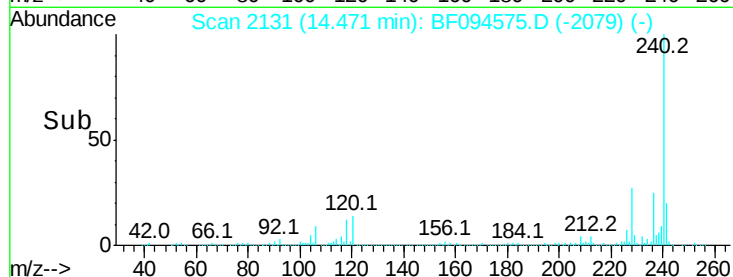
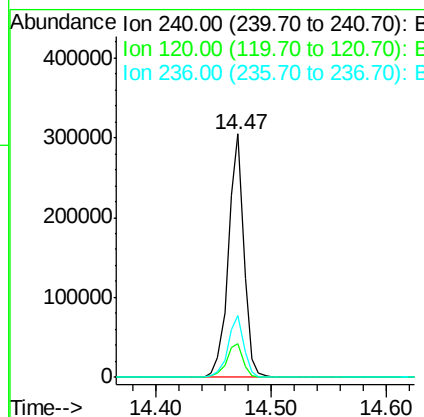
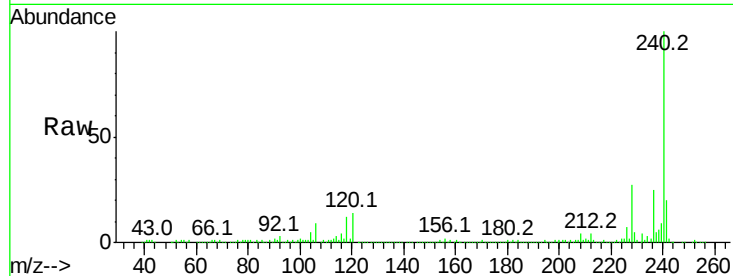
ClientSampleId :

BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.4	20.5	30.7

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#76

Benzidine

Concen: 25.28 ng

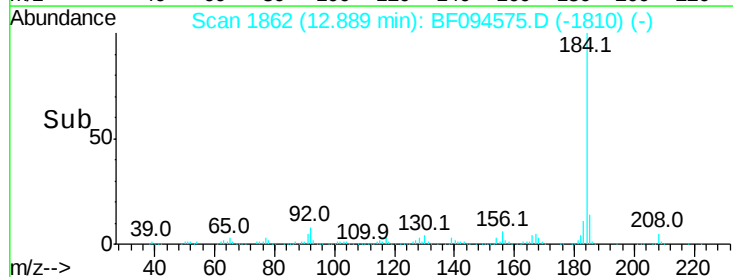
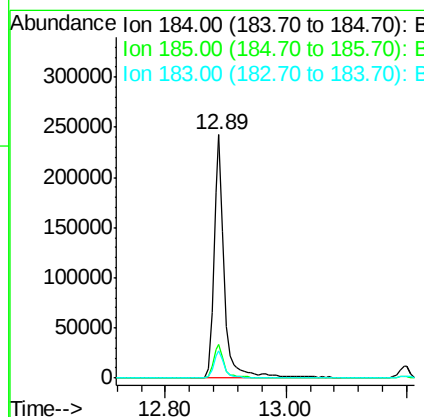
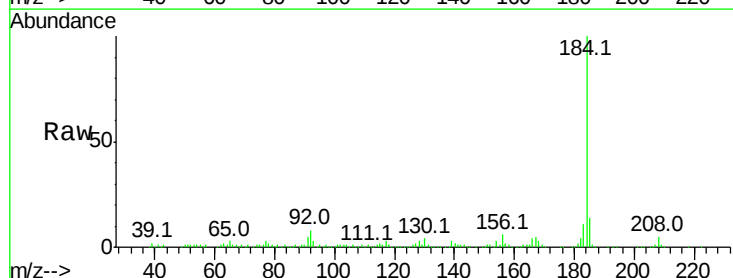
RT: 12.89 min Scan# 1862

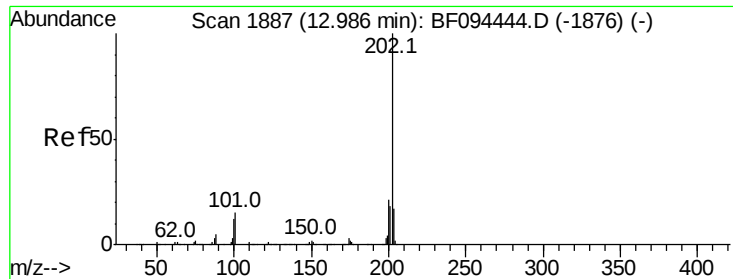
Delta R.T. 0.00 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	15.5	23.3#
183	11.3	9.8	14.6





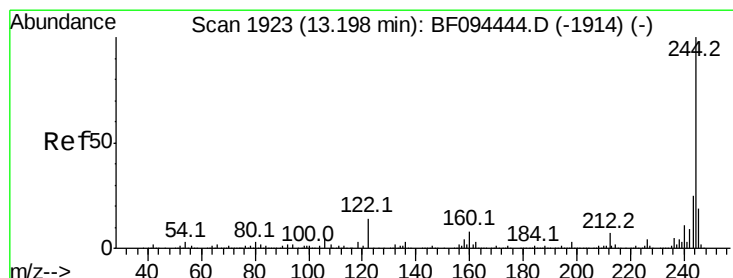
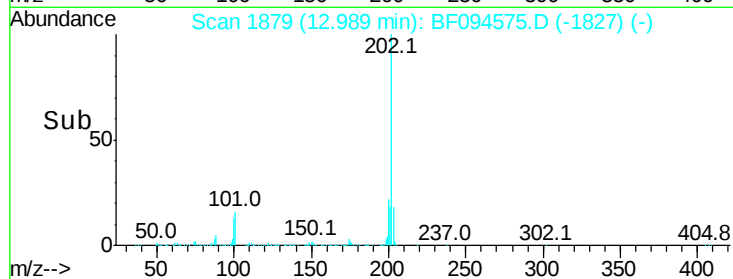
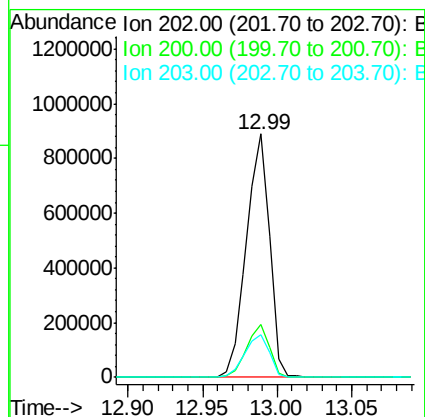
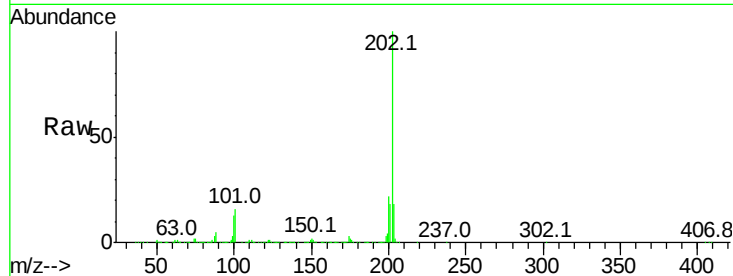
#77
Pvrene
Concen: 48.18 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.7	14.4	21.6

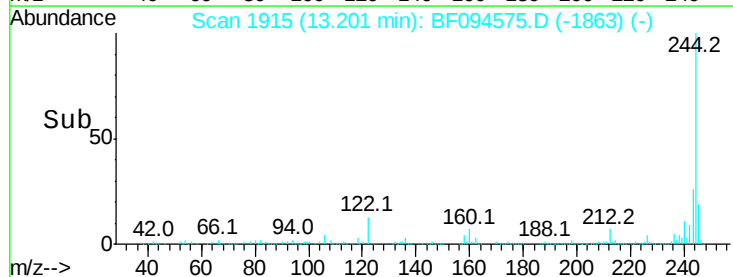
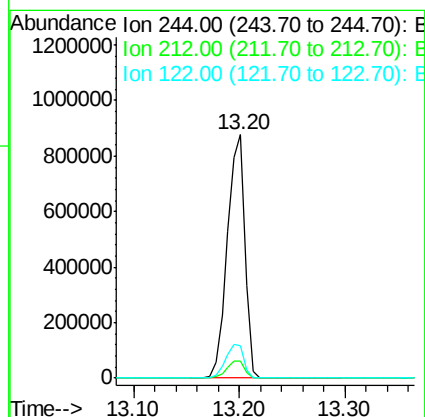
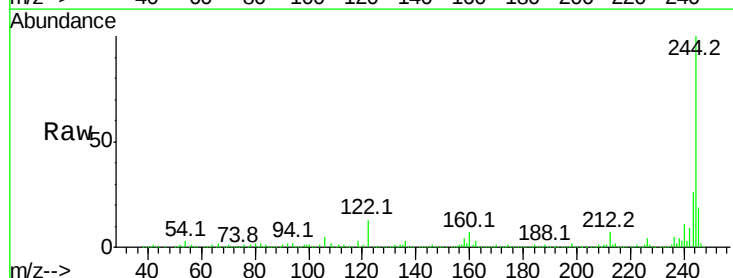
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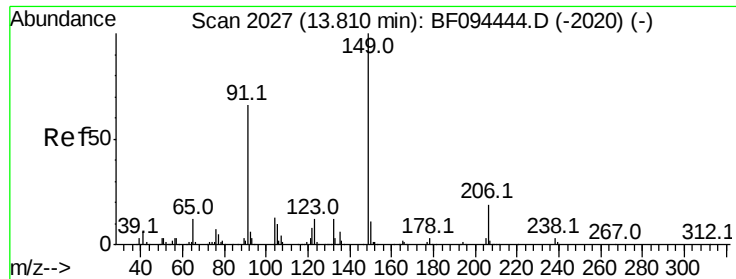
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#78
Terphenyl-d14
Concen: 95.01 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.1	10.3	15.5





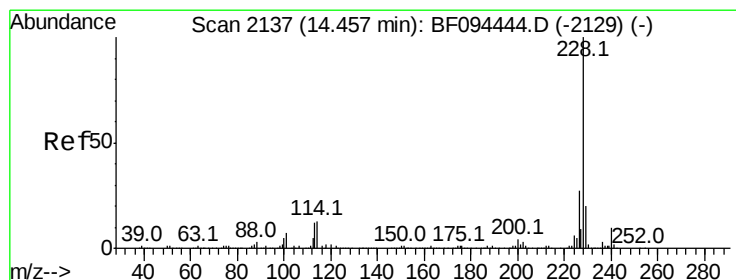
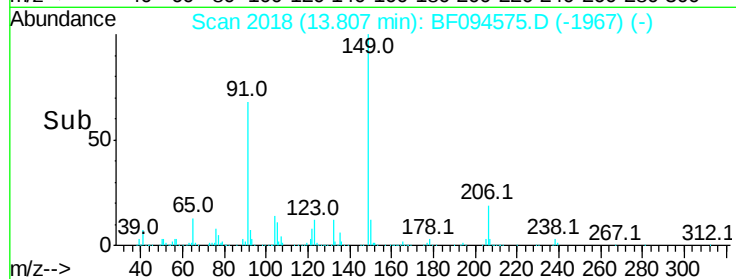
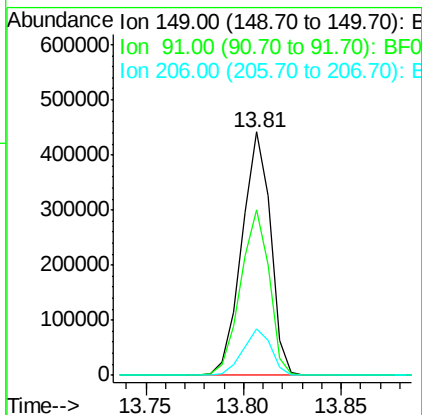
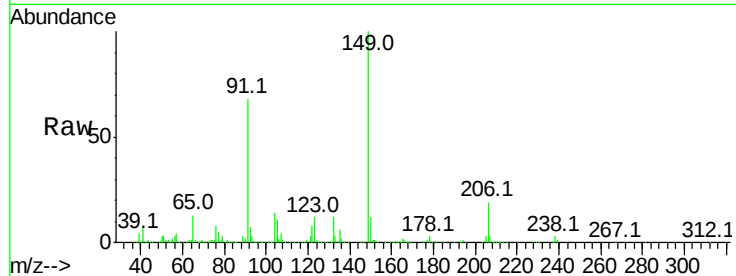
#79
Butylbenzylphthalate
Concen: 51.53 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion:	149	Resp:	447496
Ion Ratio	Lower	Upper	
149	100		
91	68.1	45.0	67.4#
206	18.9	17.0	25.6

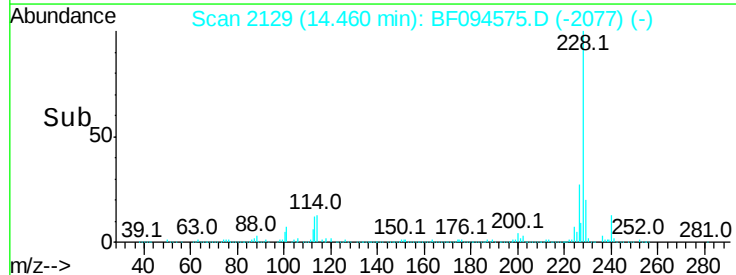
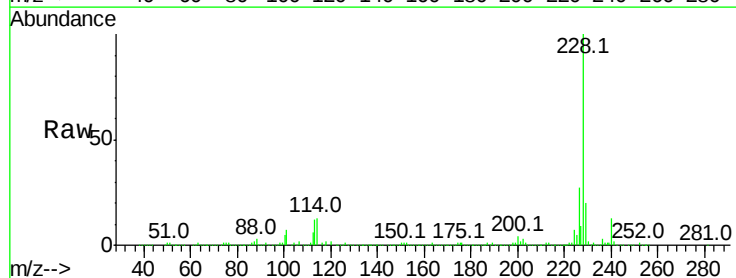
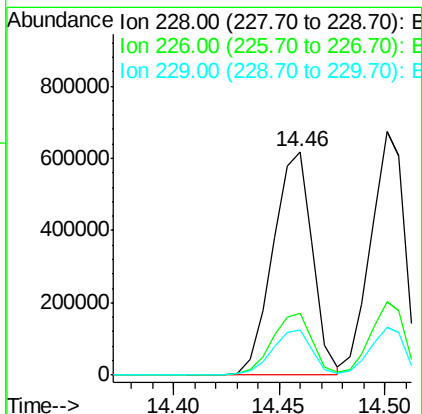
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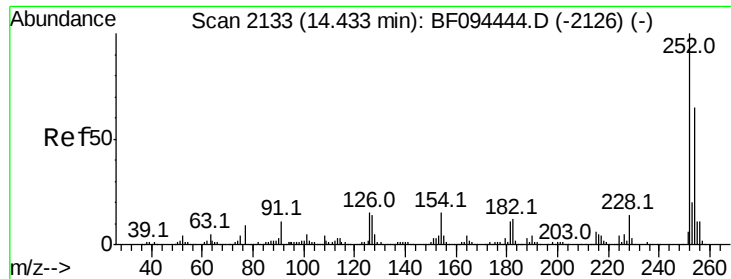
mohammad
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#80
Benzo(a)anthracene
Concen: 48.83 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion:	228	Resp:	804949
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	20.3	16.3	24.5





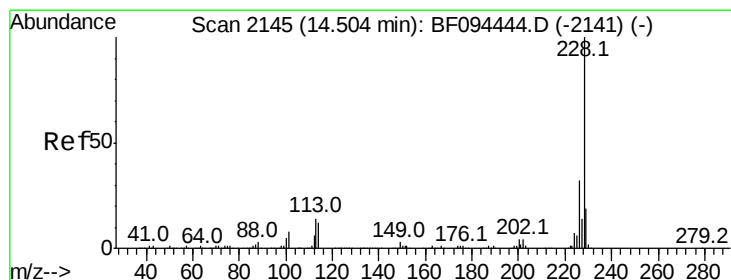
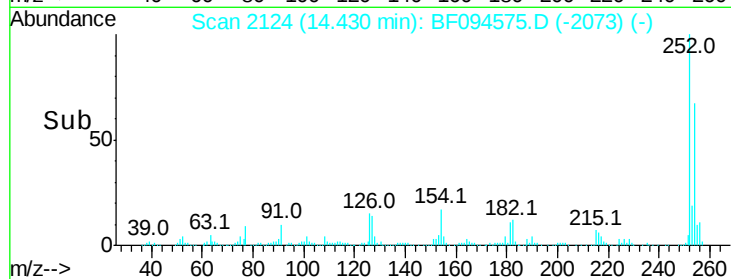
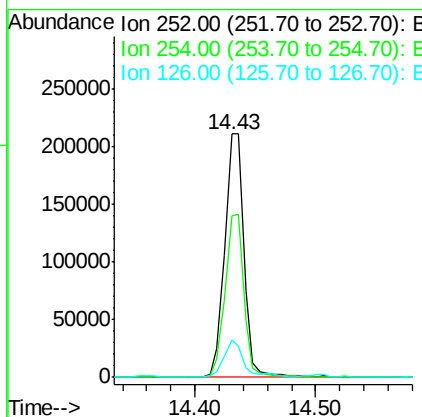
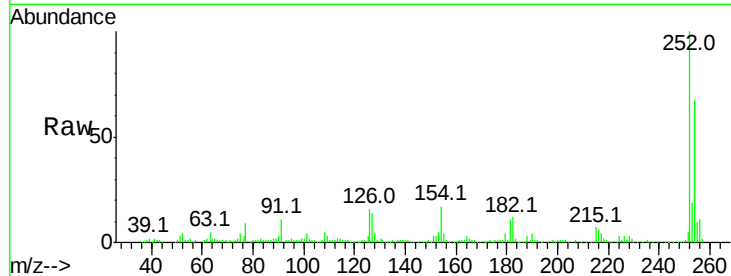
#81
 3,3'-Dichlorobenzidine
 Concen: 40.24 ng
 RT: 14.43 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.5	51.5	77.3
126	15.5	15.8	23.8

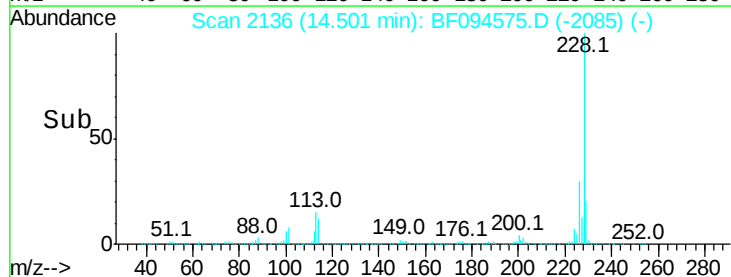
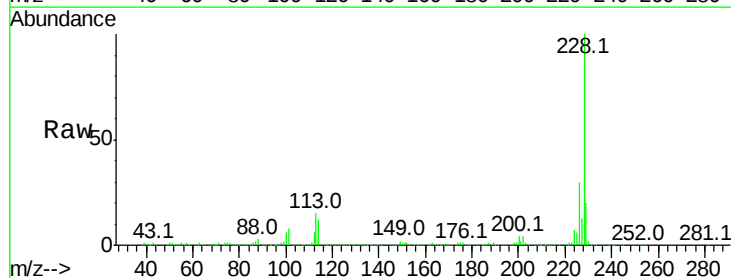
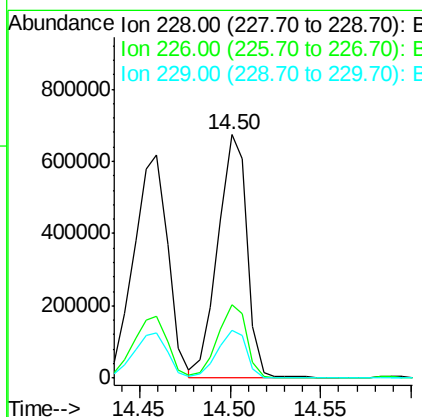
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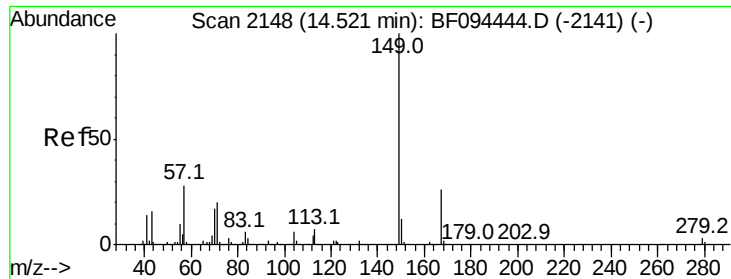
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#82
 Chrysene
 Concen: 49.85 ng
 RT: 14.50 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.9	37.3
229	19.9	15.8	23.6





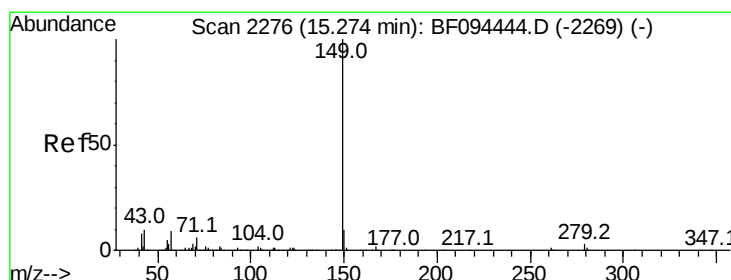
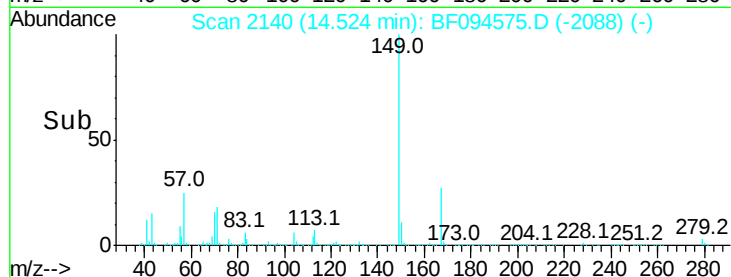
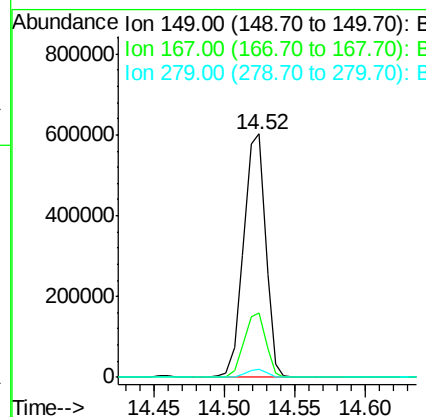
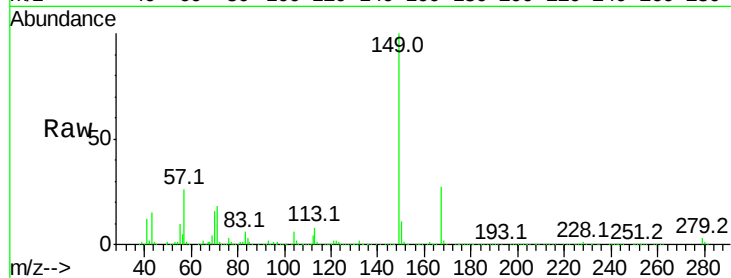
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.33 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	656720		
167	26.5		21.0	31.4
279	3.1		1.9	2.9#

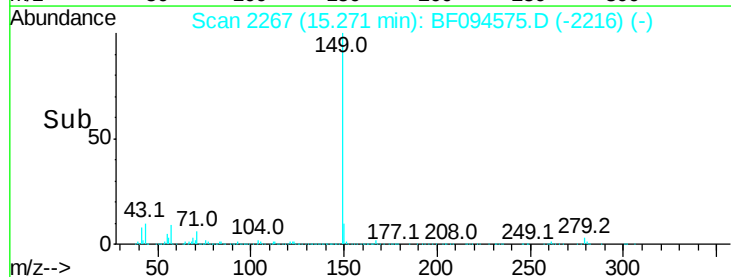
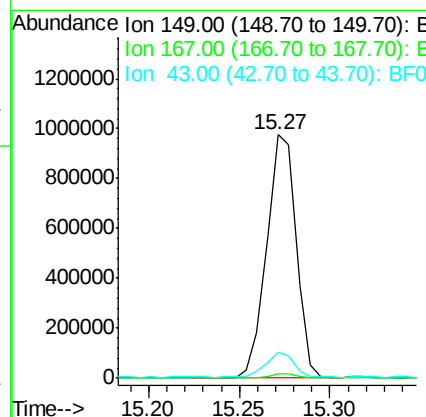
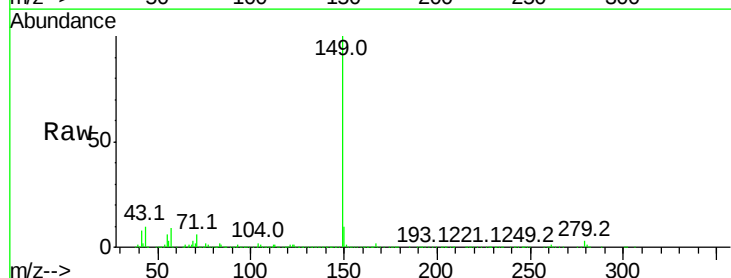
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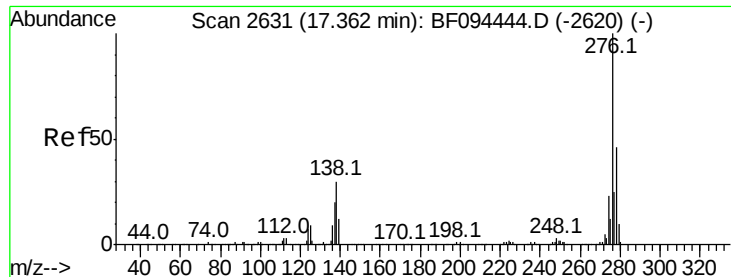
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#84
 Di-n-octyl phthalate
 Concen: 56.40 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1103022		
167	1.7		1.2	1.8
43	9.5		8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.56 ng

RT: 17.37 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

ClientSampleId :

BL-2(3)MSD

Tot Ion:276 Resp: 724692

Ion Ratio Lower Upper

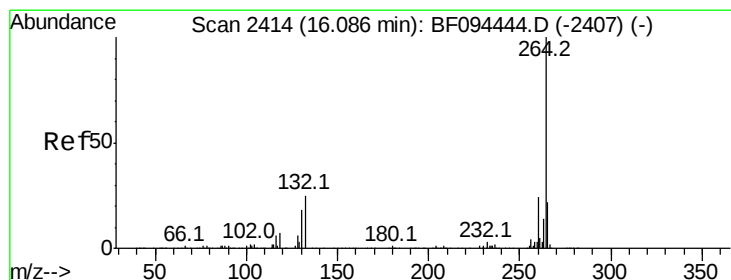
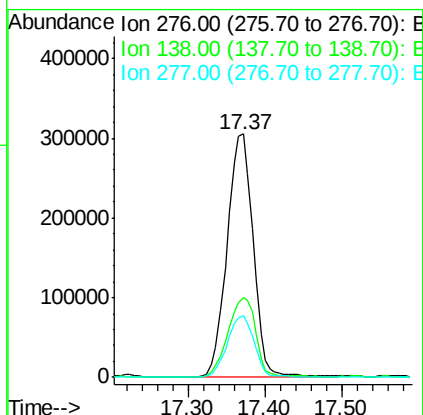
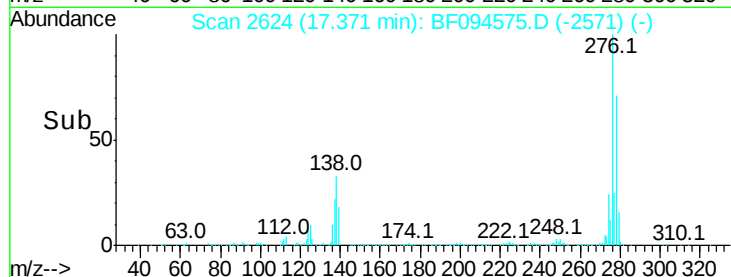
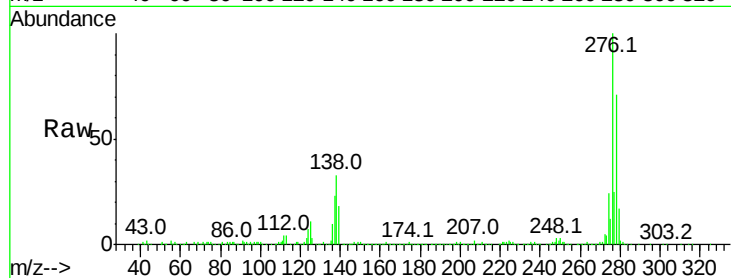
276 100

138 34.7 27.8 41.6

277 25.6 20.2 30.4

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#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

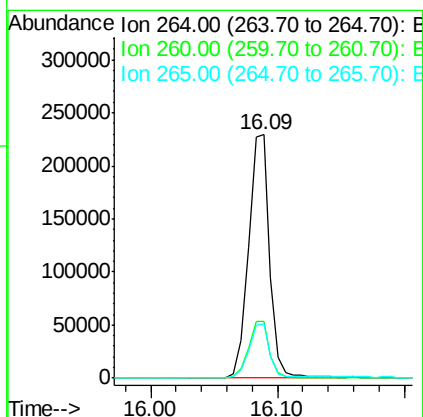
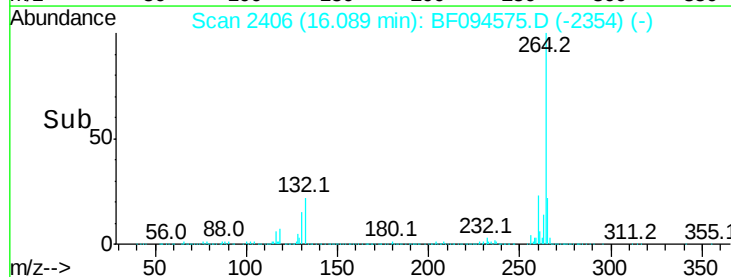
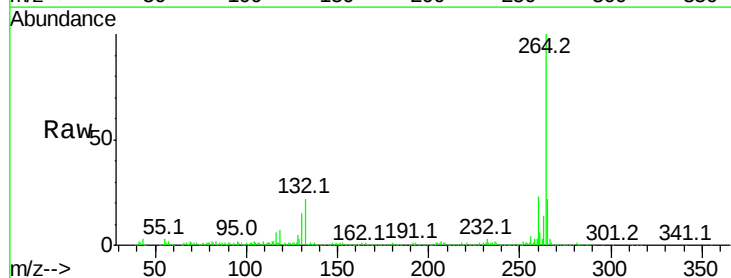
Tgt Ion:264 Resp: 265640

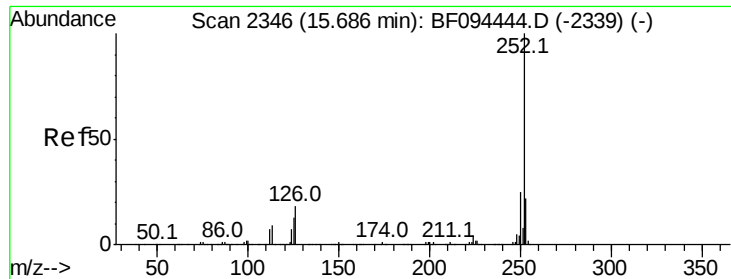
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 52.70 ng

RT: 15.69 min Scan# 2338

Delta R.T. 0.00 min

Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Instrument :

BNA_F

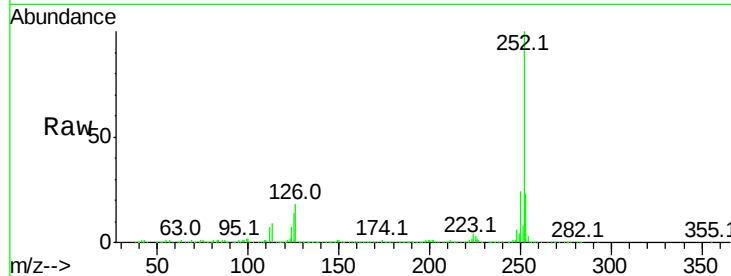
ClientSampleId :

BL-2(3)MSD

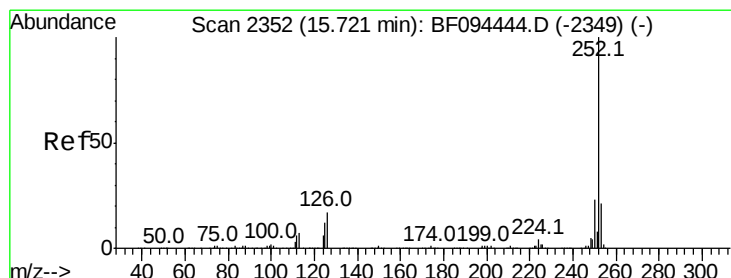
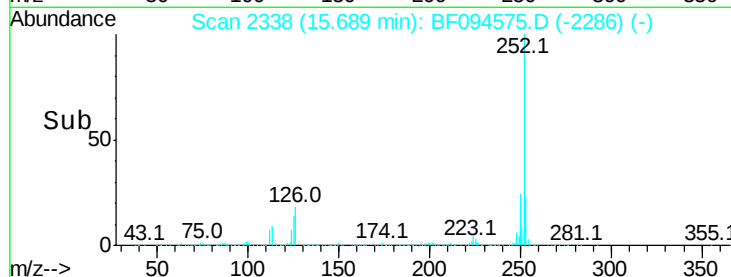
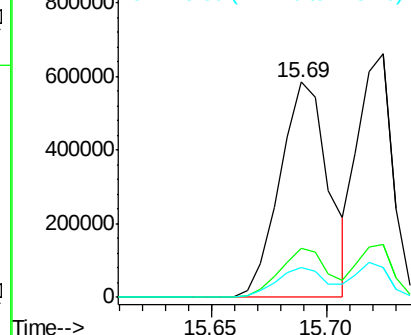
Tot Ion:252	Resp:	856310
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.1 27.1
125	14.0	9.8 14.8

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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: 45.54 ng m

RT: 15.72 min Scan# 2344

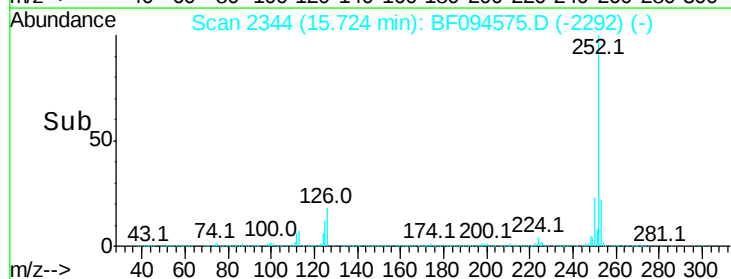
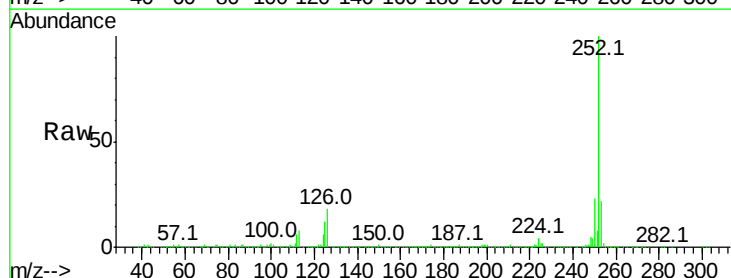
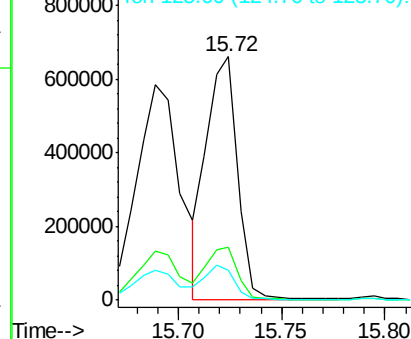
Delta R.T. 0.00 min

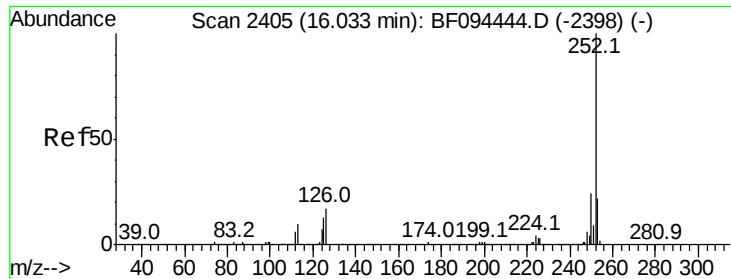
Lab File: BF094575.D

Acq: 21 Apr 2017 21:05

Tgt Ion:252	Resp:	700340
Ion Ratio	Lower	Upper
252	100	
253	21.9	18.4 27.6
125	12.0	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





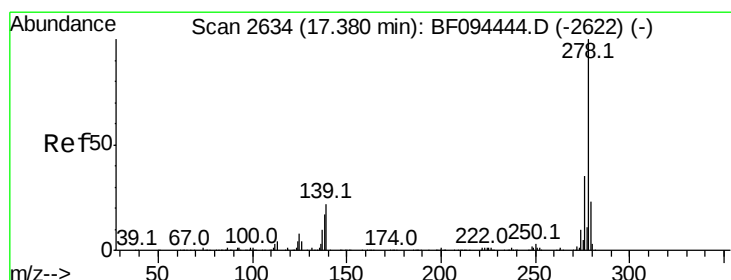
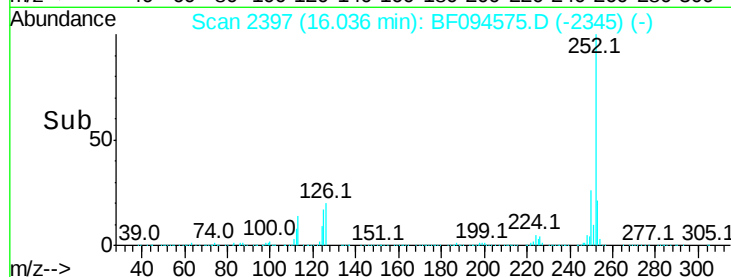
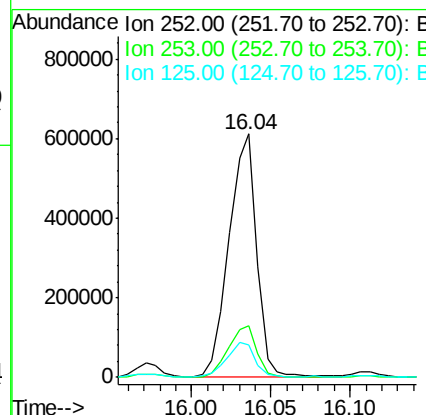
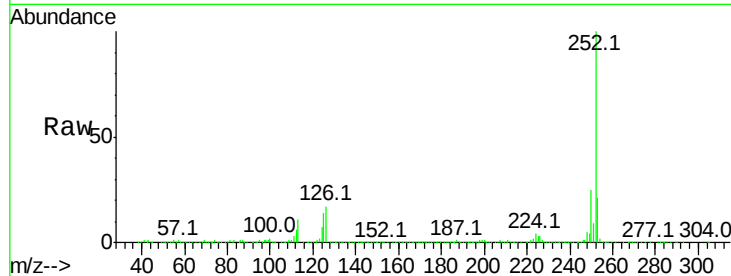
#89
Benzo(a)pyrene
Concen: 48.90 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Instrument :
BNA_F
ClientSampleId :
BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	13.6	11.0	16.4

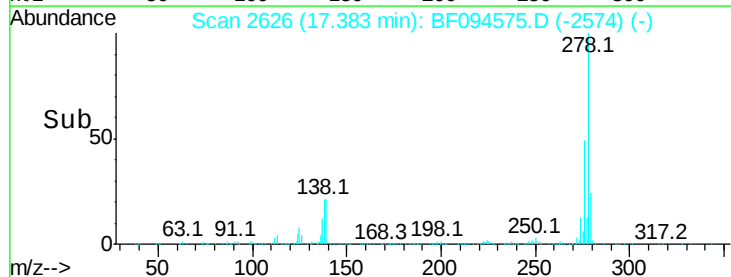
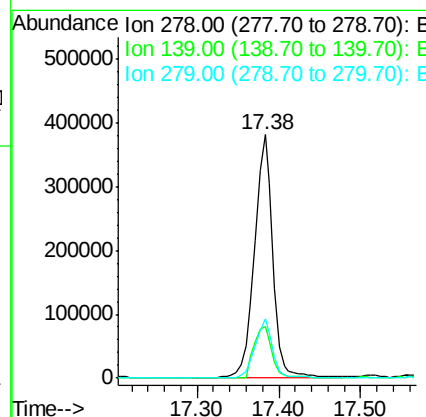
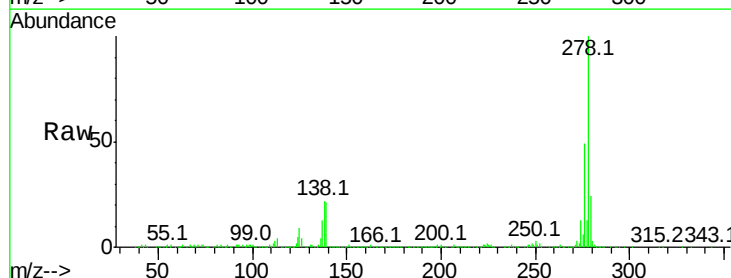
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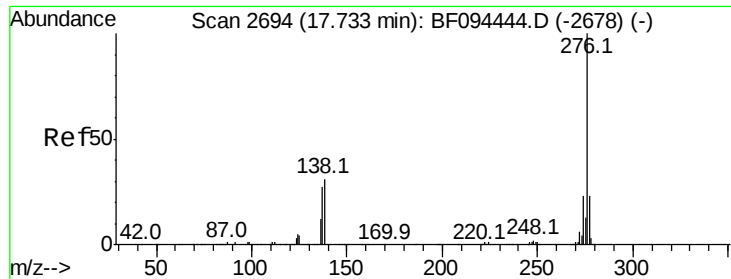
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 47.42 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BF094575.D
Acq: 21 Apr 2017 21:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.53 ng
 RT: 17.74 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BF094575.D
 Acq: 21 Apr 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 BL-2(3)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	30.0	25.4	38.0

Manual Integrations
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