

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094572.D
 Acq On : 21 Apr 2017 19:42
 Operator : SJ/MA
 Sample : I2786-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Manual Integrations
 APPROVED

mohammad
 4/24/2017 5:13:26 PM

Quant Time: Apr 22 01:35:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114899	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	458557	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	209435	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	362630	20.00	ng	0.00
75) Chrysene-d12	14.46	240	260129	20.00	ng	0.00
86) Perylene-d12	16.08	264	268633	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	823606	118.92	ng	0.02
7) Phenol-d6	5.40	99	1000702	122.57	ng	0.00
23) Nitrobenzene-d5	6.42	82	640458	86.24	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	217422	132.72	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1237804	86.96	ng	0.00
78) Terphenyl-d14	13.19	244	902034	92.69	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.11	88	116544	28.94	ng	96
3) Pyridine	2.64	79	263608	29.95	ng	97
4) n-Nitrosodimethylamine	2.58	42	138525	38.03	ng	90
6) Aniline	5.40	93	319441	29.44	ng	# 85
8) 2-Chlorophenol	5.54	128	318389	40.40	ng	99
9) Benzaldehyde	5.27	77	49205	7.92	ng	97
10) Phenol	5.41	94	426915	42.56	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	296806m	40.51	ng	
12) 1,3-Dichlorobenzene	5.70	146	341755	39.14	ng	98
13) 1,4-Dichlorobenzene	5.78	146	342274	38.96	ng	96
14) 1,2-Dichlorobenzene	5.96	146	321704	39.76	ng	96
15) Benzyl Alcohol	5.95	79	242072	39.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	398919	41.52	ng	# 45
17) 2-Methylphenol	6.09	107	251658	40.55	ng	93
18) Hexachloroethane	6.35	117	118001	39.19	ng	87
19) n-Nitroso-di-n-propylamine	6.25	70	227947	42.14	ng	97
20) 3+4-Methylphenols	6.27	107	347522	41.20	ng	# 61
22) Acetophenone	6.24	105	456066	40.90	ng	# 85
24) Nitrobenzene	6.44	77	318805	40.77	ng	97
25) Isophorone	6.72	82	581290	42.23	ng	96
26) 2-Nitrophenol	6.81	139	169507	40.35	ng	97
27) 2,4-Dimethylphenol	6.89	122	281533	41.25	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	381461	42.84	ng	99
29) 2,4-Dichlorophenol	7.11	162	272290	42.89	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	270895	41.27	ng	99
31) Naphthalene	7.29	128	926803	42.04	ng	99
32) Benzoic acid	7.05	122	83344	23.09	ng	91
33) 4-Chloroaniline	7.36	127	179508	19.57	ng	# 93
34) Hexachlorobutadiene	7.44	225	136421	41.69	ng	99
35) Caprolactam	7.82	113	82588m	41.41	ng	
36) 4-Chloro-3-methylphenol	7.99	107	273345	41.08	ng	89
37) 2-Methylnaphthalene	8.12	142	663880	44.02	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	257935	43.25	ng	99
40) Hexachlorocyclopentadiene	8.32	237	143159	59.34	ng	99

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 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)
42) 2,4,6-Trichlorophenol	8.48	196	171649	40.98	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	188214	43.76	nq	93
45) 1,1'-Biphenyl	8.70	154	749666	43.81	nq	98
46) 2-Chloronaphthalene	8.72	162	589442	43.32	nq	95
47) 2-Nitroaniline	8.85	65	173972	44.45	nq	# 85
48) Acenaphthylene	9.22	152	810629	38.22	nq	99
49) Dimethylphthalate	9.10	163	900092	57.67	nq	99
50) 2,6-Dinitrotoluene	9.16	165	151649	43.29	nq	93
51) Acenaphthene	9.44	154	532855	41.94	nq	100
52) 3-Nitroaniline	9.36	138	115936	28.60	nq	92
53) 2,4-Dinitrophenol	9.50	184	53065	31.66	nq	# 69
54) Dibenzofuran	9.65	168	784857	42.51	nq	99
55) 4-Nitrophenol	9.62	139	163344m	57.04	nq	
56) 2,4-Dinitrotoluene	9.66	165	192472	44.78	nq	# 93
57) Fluorene	10.07	166	609651	42.40	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	139666	45.31	nq	96
59) Diethylphthalate	9.96	149	678576	46.08	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	268897	44.94	nq	87
61) 4-Nitroaniline	10.11	138	144634	35.10	nq	95
62) Azobenzene	10.27	77	624655	43.69	nq	95
64) 4,6-Dinitro-2-methylphenol	10.16	198	48965	20.61	nq	# 69
65) n-Nitrosodiphenylamine	10.23	169	564491	44.76	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	162491	45.13	nq	100
67) Hexachlorobenzene	10.74	284	155913	42.97	nq	# 81
68) Atrazine	10.90	200	161668	42.85	nq	95
69) Pentachlorophenol	11.00	266	144633	100.38	nq	100
70) Phenanthrene	11.24	178	910798	44.60	nq	98
71) Anthracene	11.31	178	882243	41.77	nq	99
72) Carbazole	11.51	167	804630	40.58	nq	98
73) Di-n-butylphthalate	11.97	149	1060172	48.57	nq	99
74) Fluoranthene	12.70	202	857852	40.53	nq	99
76) Benzidine	12.88	184	198038	18.80	nq	95
77) Pyrene	12.98	202	832288	45.80	nq	99
79) Butylbenzylphthalate	13.79	149	382171	47.98	nq	# 85
80) Benzo(a)anthracene	14.45	228	655595	43.36	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	185012	34.57	nq	# 96
82) Chrysene	14.49	228	621222m	44.96	nq	
83) Bis(2-ethylhexyl)phthalate	14.51	149	553100	51.72	nq	99
84) Di-n-octyl phthalate	15.27	149	905981	50.51	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	702280	53.42	nq	99
87) Benzo(b)fluoranthene	15.68	252	725110	44.13	nq	97
88) Benzo(k)fluoranthene	15.72	252	608515m	39.13	nq	
89) Benzo(a)pyrene	16.03	252	656561	42.95	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	567850	44.73	nq	97
91) Benzo(g,h,i)perylene	17.74	276	563716	43.62	nq	99

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

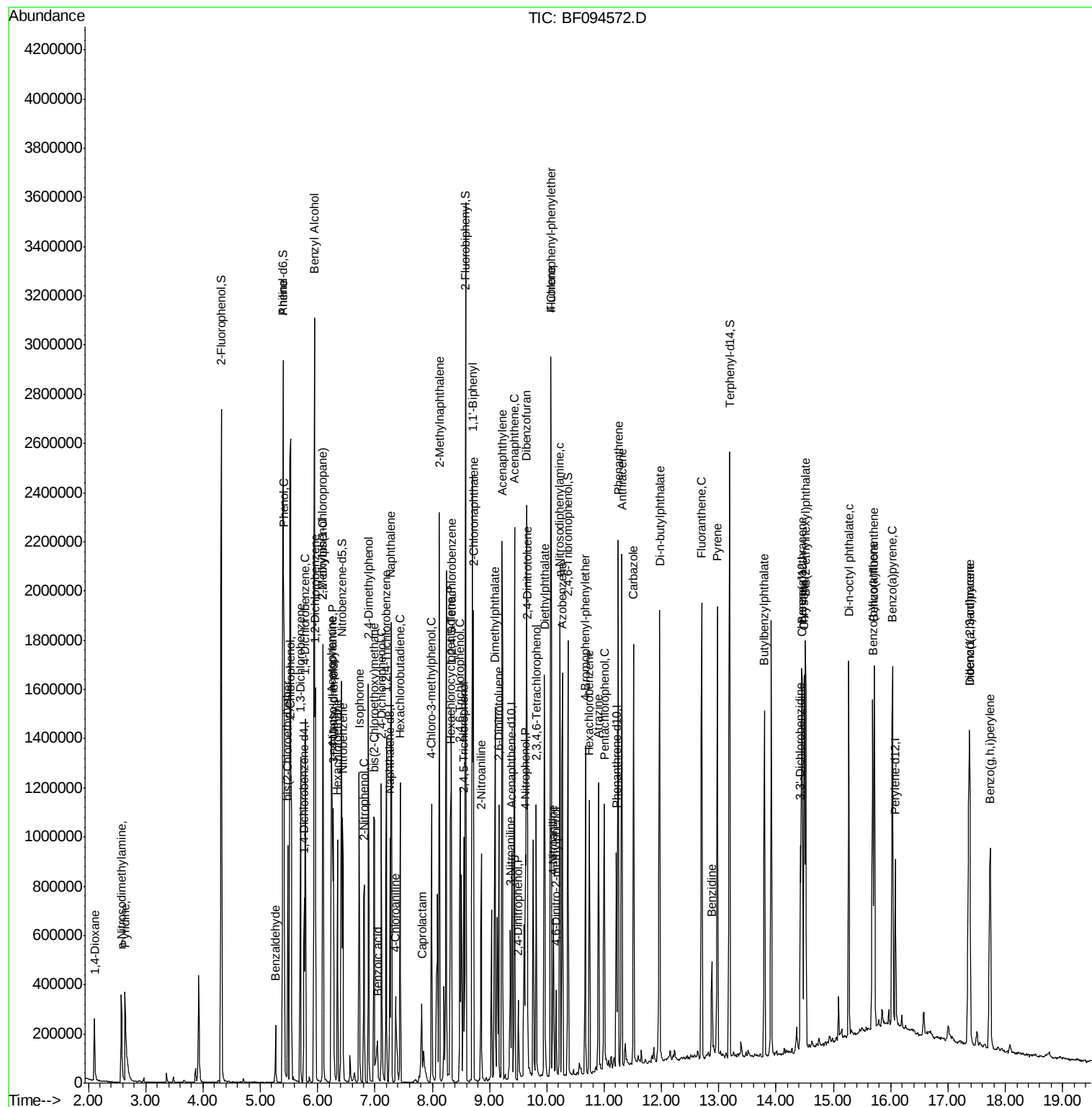
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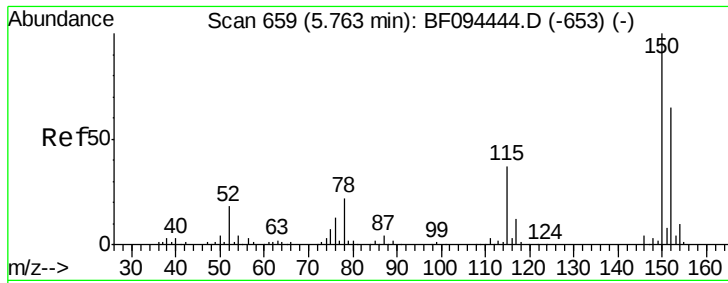
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#1

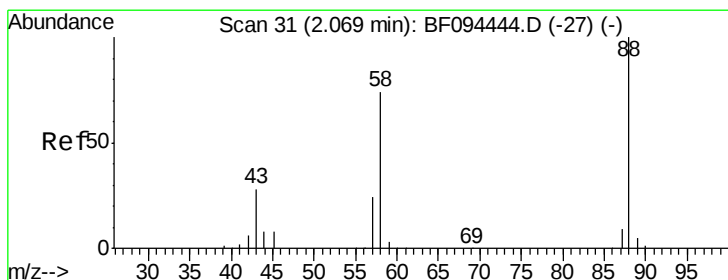
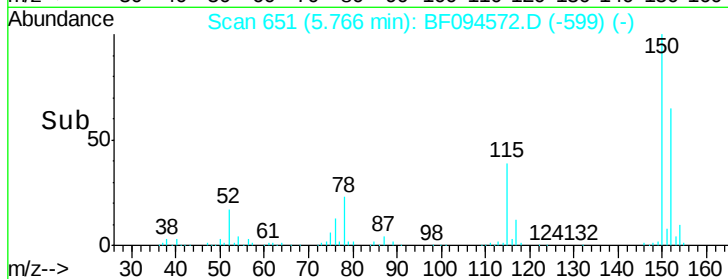
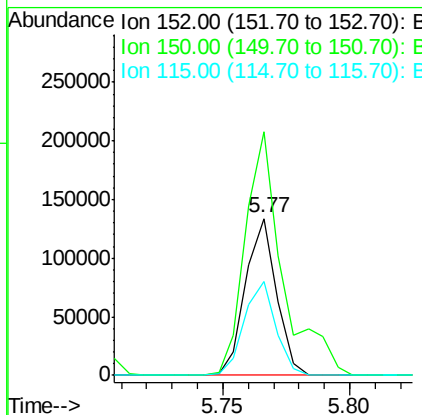
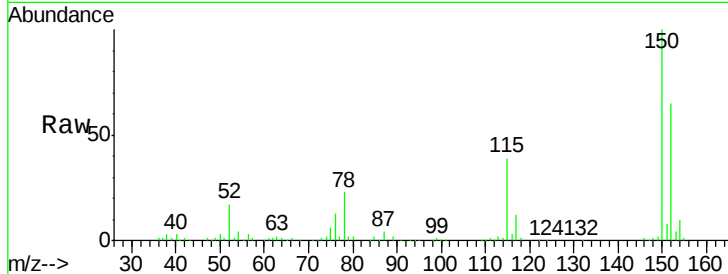
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	59.8	52.2	78.2

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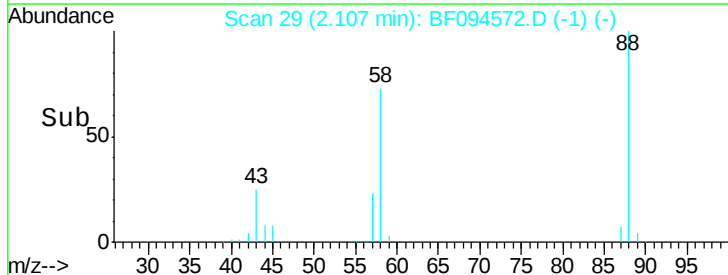
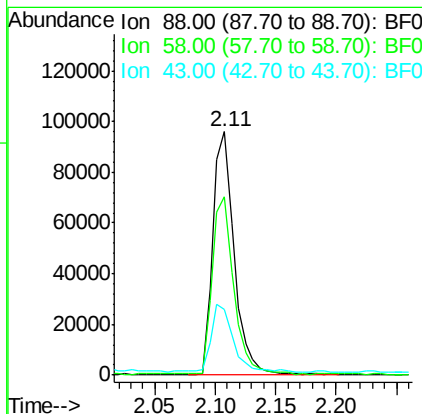
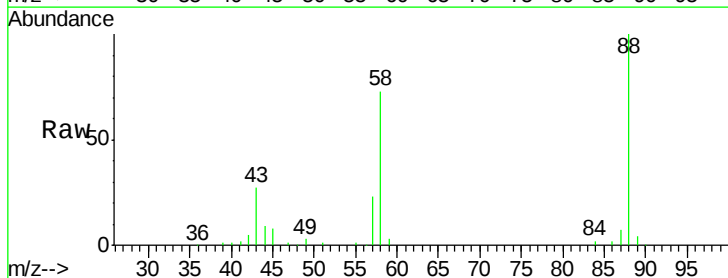
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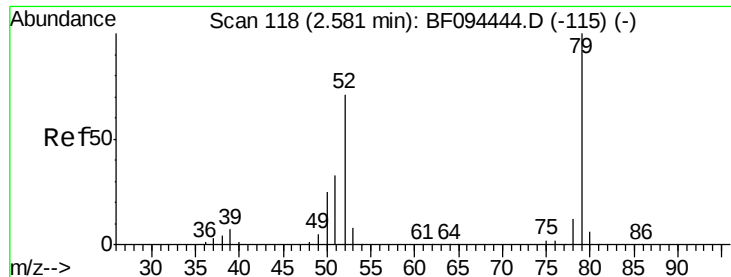


#2

1,4-Dioxane
Concen: 28.94 ng
RT: 2.11 min Scan# 29
Delta R.T. 0.04 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	61.4	92.0
43	28.8	23.4	35.0





#3

Pvridine

Concen: 29.95 ng

RT: 2.64 min Scan# 119

Delta R.T. 0.06 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

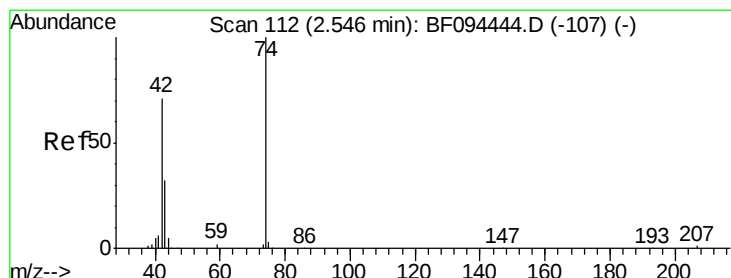
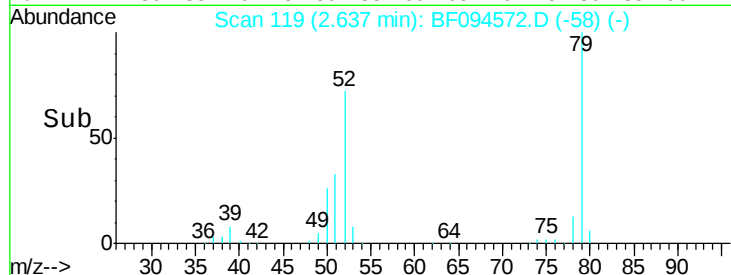
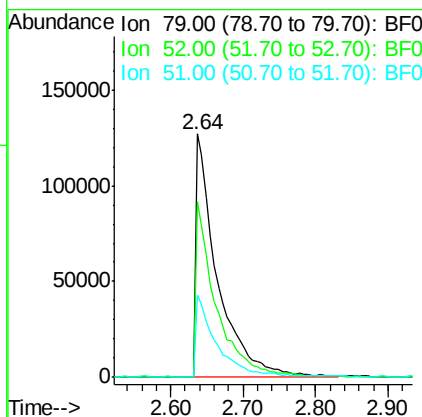
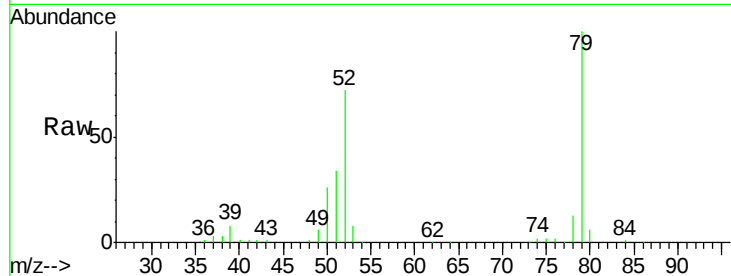
ClientSampleId :

BL-1(3)MSD

Tot Ion:	79	Resp:	263608
Ion Ratio	Lower	Upper	
79	100		
52	72.2	54.8	82.2
51	33.6	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 38.03 ng

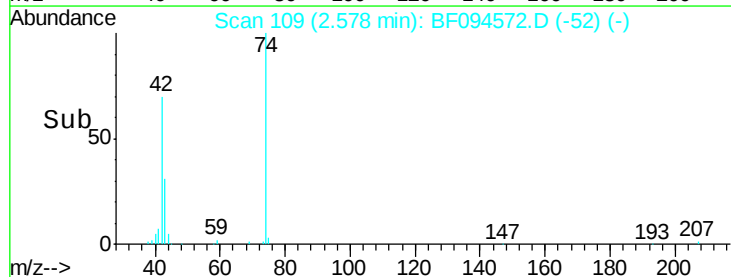
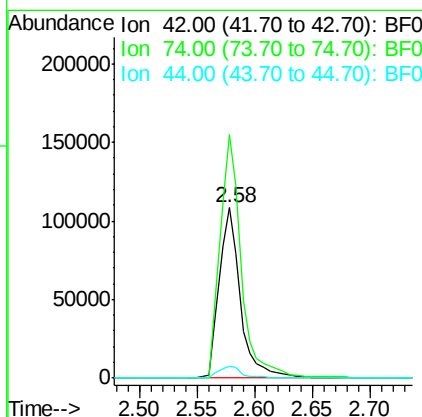
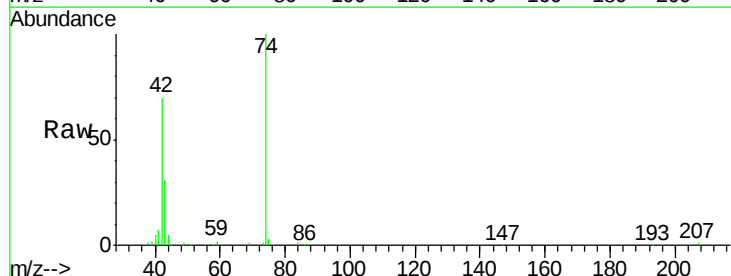
RT: 2.58 min Scan# 109

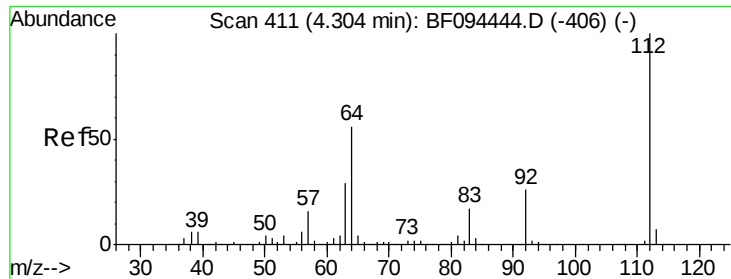
Delta R.T. 0.03 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	42	Resp:	138525
Ion Ratio	Lower	Upper	
42	100		
74	142.7	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 118.92 ng

RT: 4.32 min Scan# 405

Delta R.T. 0.02 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

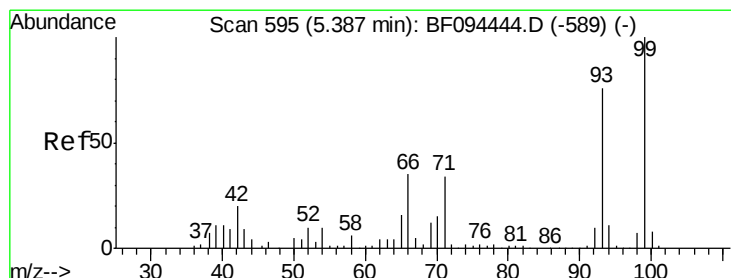
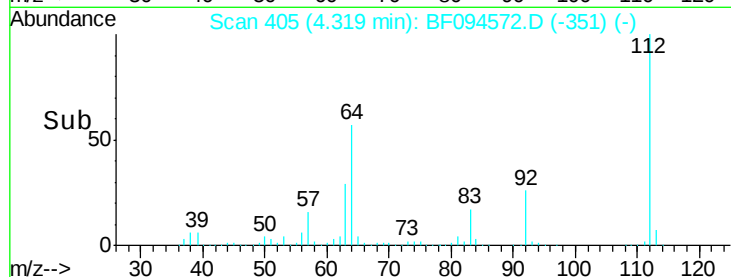
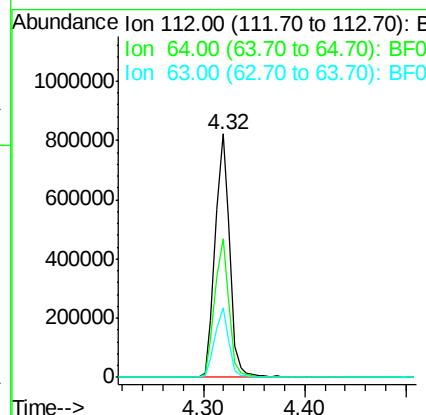
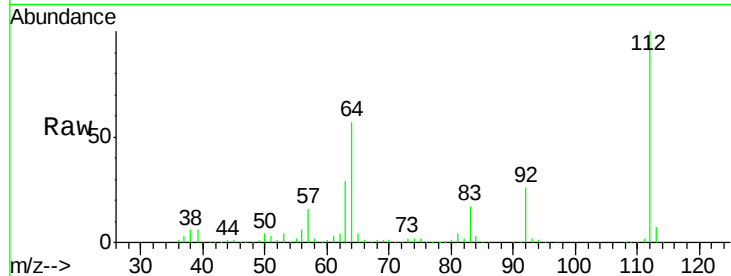
ClientSampleId :

BL-1(3)MSD

Tot Ion:	112	Resp:	823606
Ion Ratio	Lower	Upper	
112	100		
64	57.1	46.0	69.0
63	28.7	23.4	35.0

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#6

Aniline

Concen: 29.44 ng

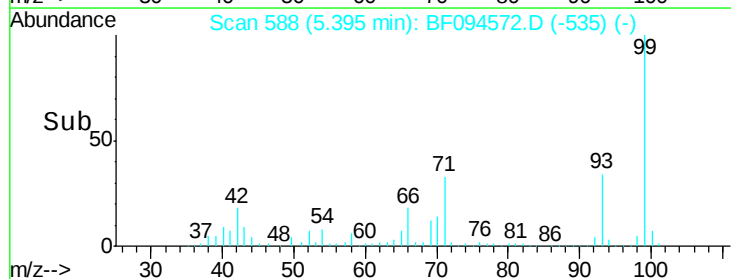
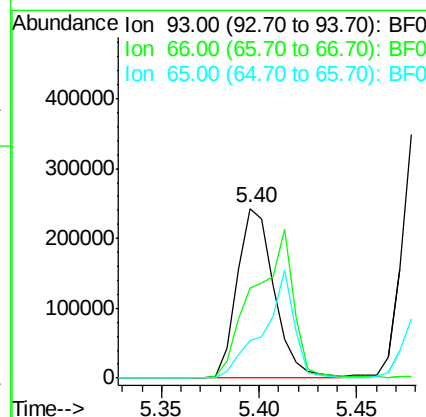
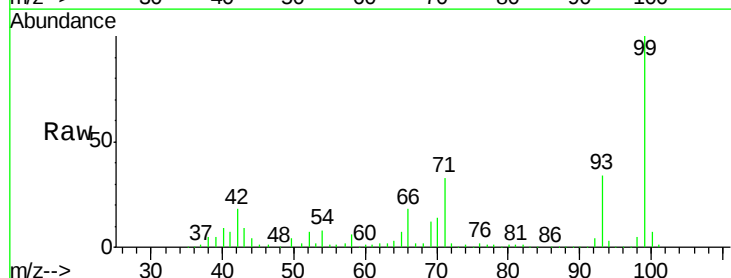
RT: 5.40 min Scan# 588

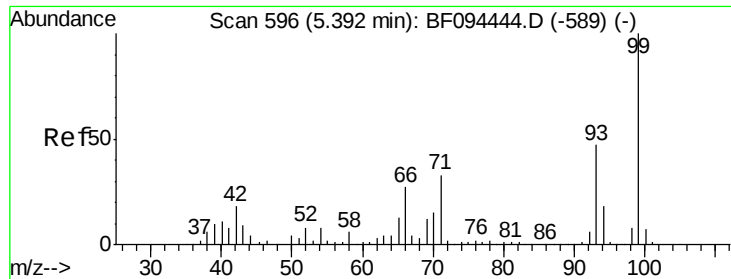
Delta R.T. 0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	93	Resp:	319441
Ion Ratio	Lower	Upper	
93	100		
66	53.3	32.9	49.3#
65	22.0	16.0	24.0





#7

Phenol-d6

Concen: 122.57 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

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BNA_F

ClientSampleId :

BL-1(3)MSD

Tot Ion: 99 Resp: 1000702

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

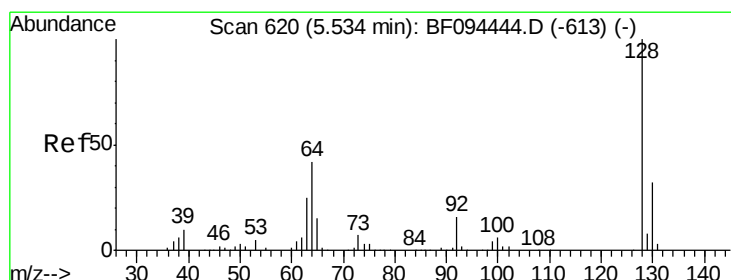
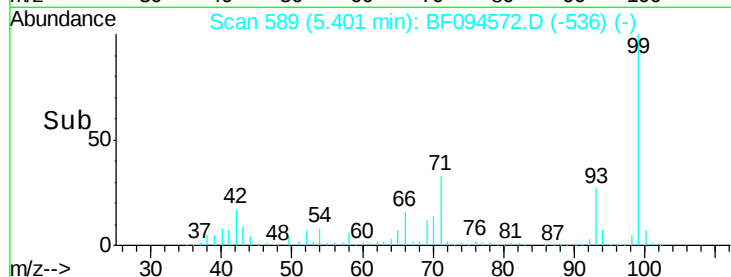
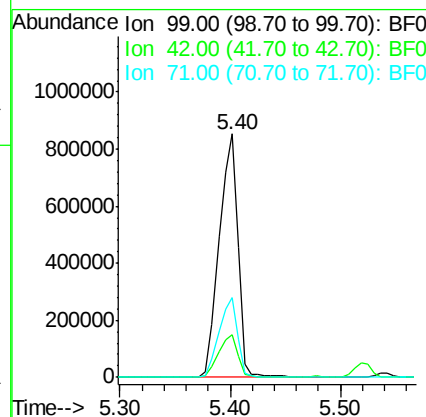
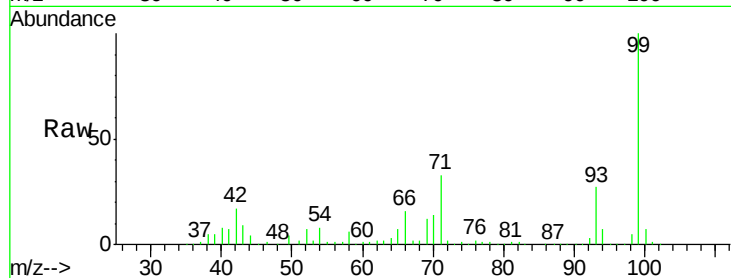
71 32.7 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.40 ng

RT: 5.54 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

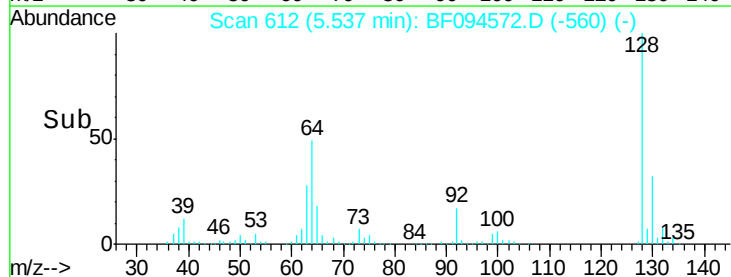
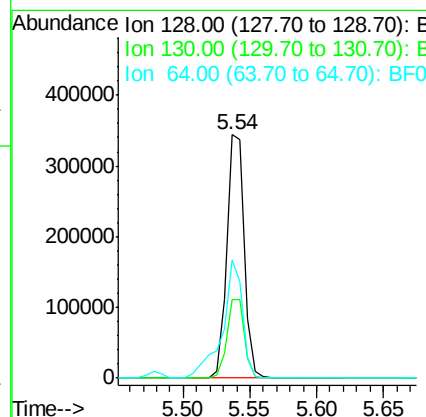
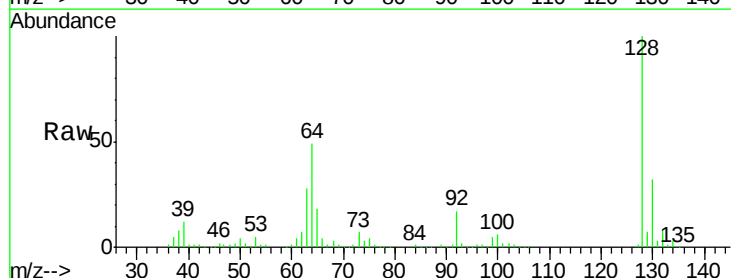
Tgt Ion: 128 Resp: 318389

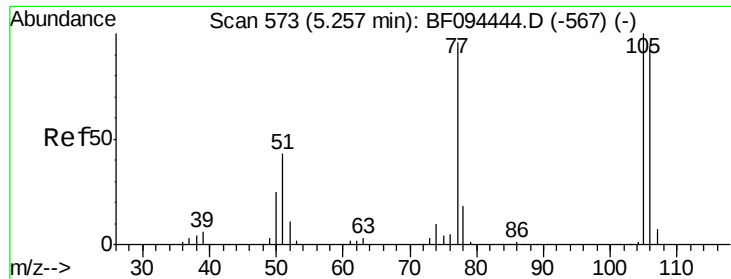
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 48.7 28.4 68.4





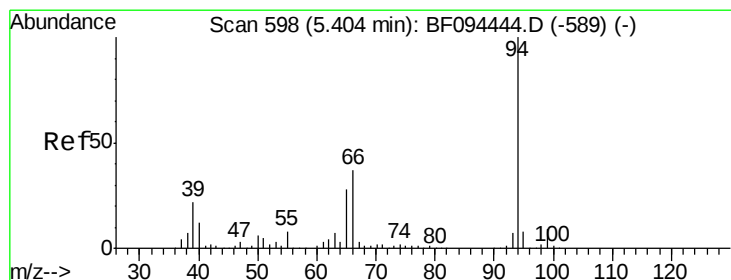
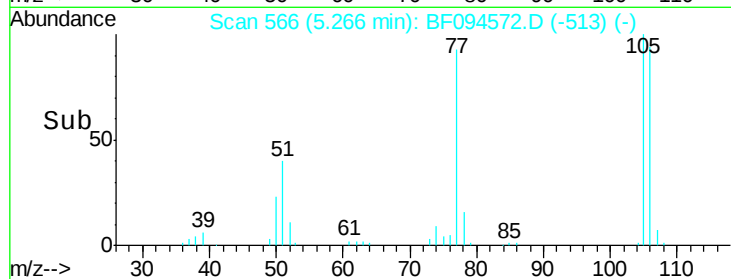
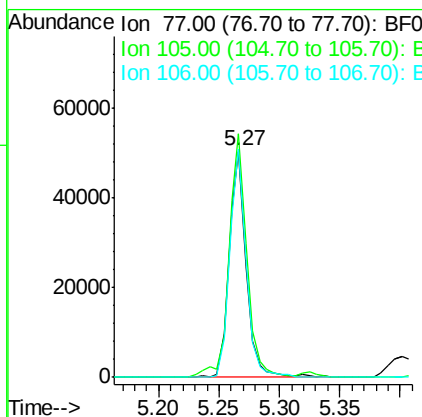
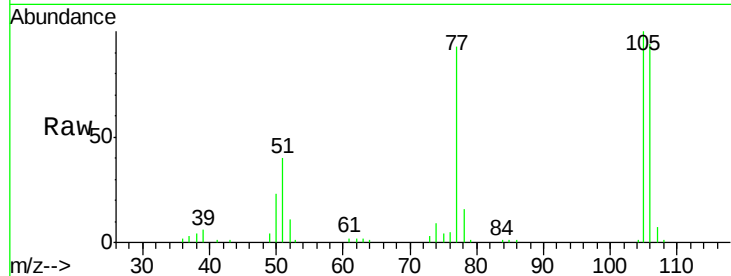
#9
Benzaldehyde
Concen: 7.92 ng
RT: 5.27 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF094572.D
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Tot Ion	Ratio	Lower	Upper
77	100		
105	107.8	83.8	123.8
106	100.9	79.1	119.1

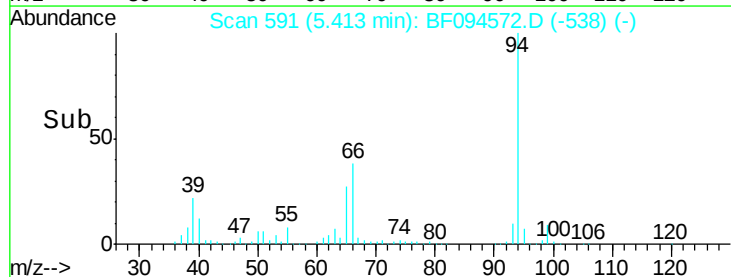
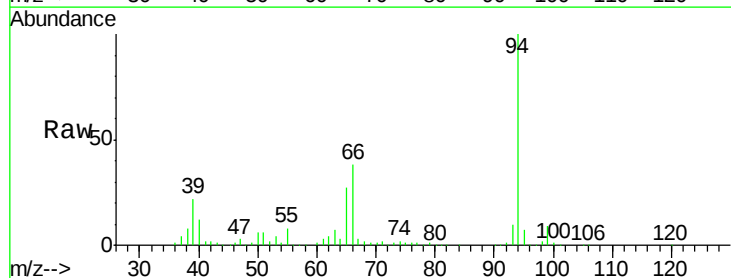
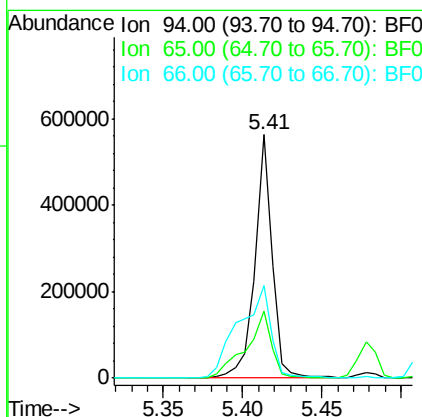
Manual Integrations
APPROVED

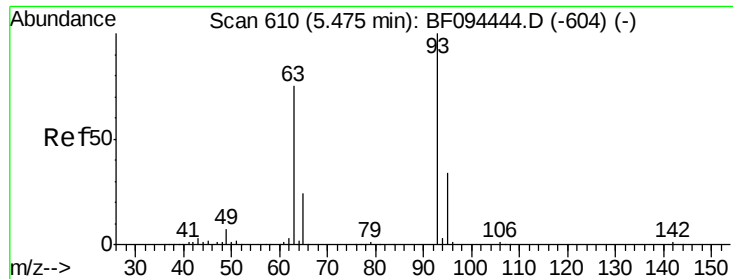
mohammad
4/24/2017 5:13:26 PM



#10
Phenol
Concen: 42.56 ng
RT: 5.41 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	37.9	23.1	63.1





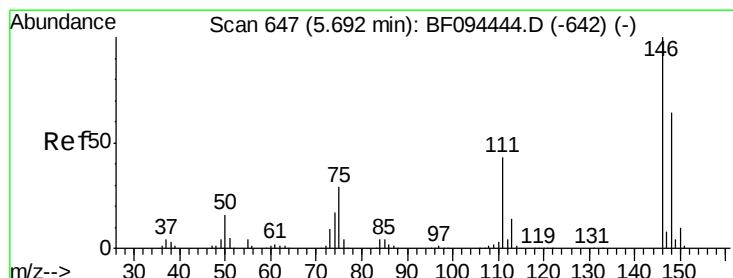
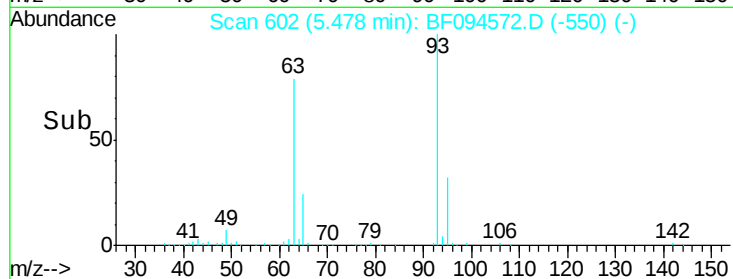
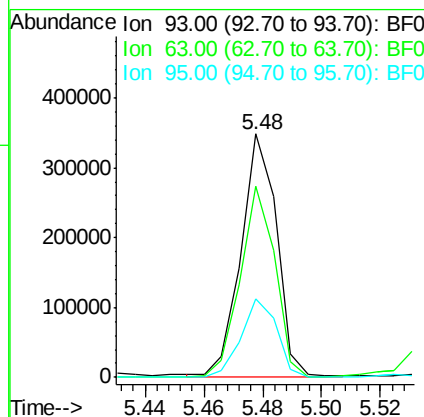
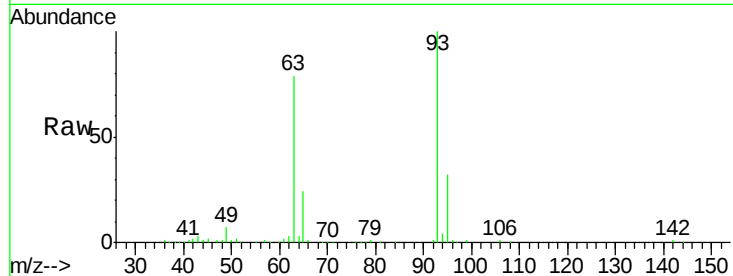
#11
bis(2-Chloroethyl)ether
Concen: 40.51 ng/mL
RT: 5.48 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	59.2	99.2
95	32.2	12.8	52.8

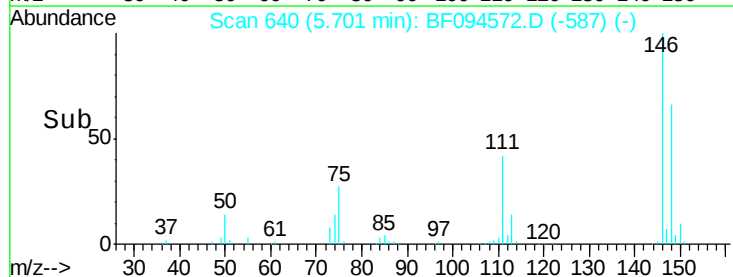
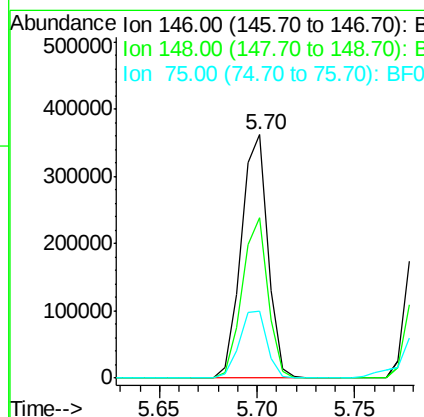
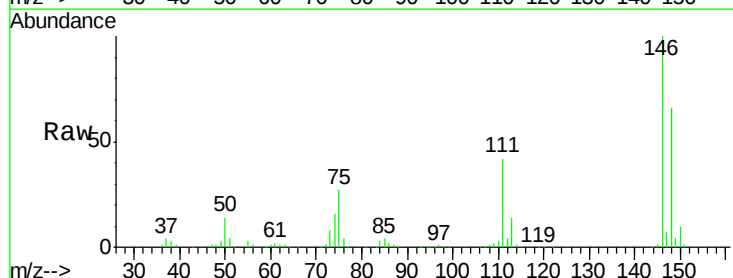
Manual Integrations
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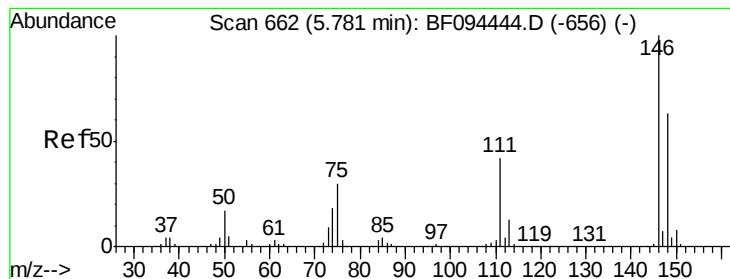
mohammad
4/24/2017 5:13:26 PM



#12
1,3-Dichlorobenzene
Concen: 39.14 ng/mL
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.8	77.6
75	27.4	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 38.96 ng

RT: 5.78 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

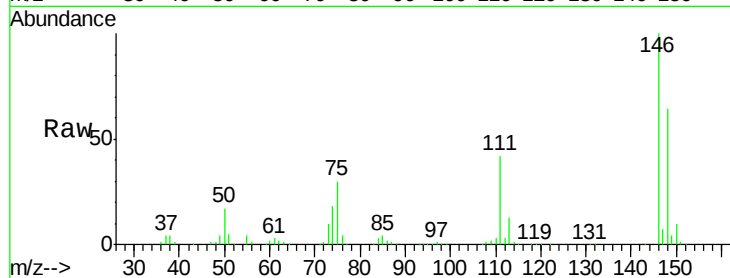
ClientSampleId :

BL-1(3)MSD

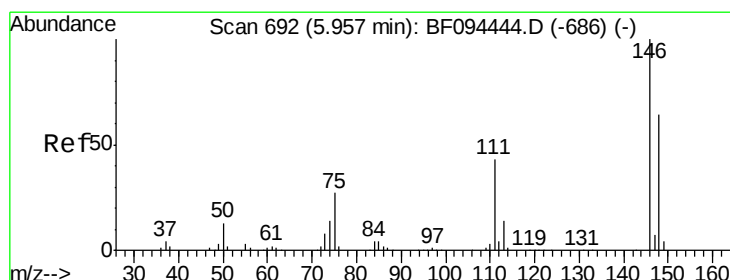
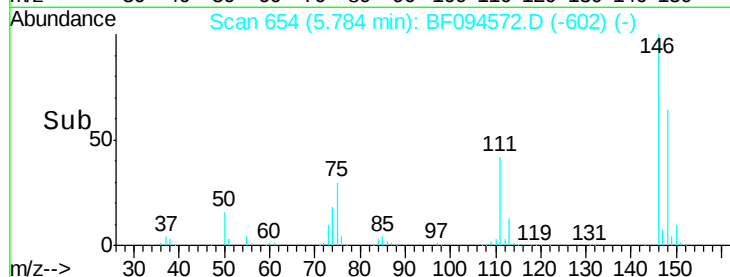
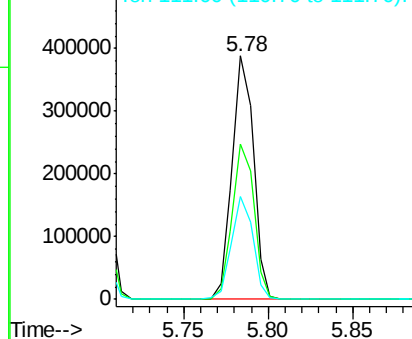
Tot Ion:	146	Resp:	342274
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	42.4	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.76 ng

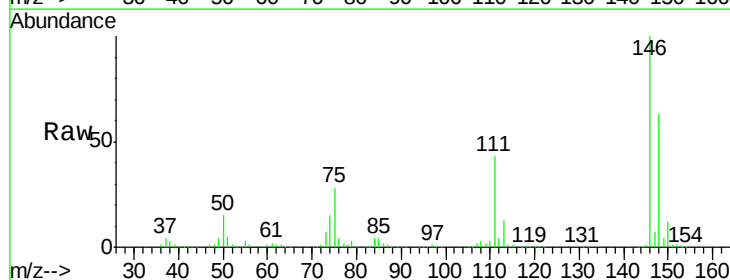
RT: 5.96 min Scan# 684

Delta R.T. 0.00 min

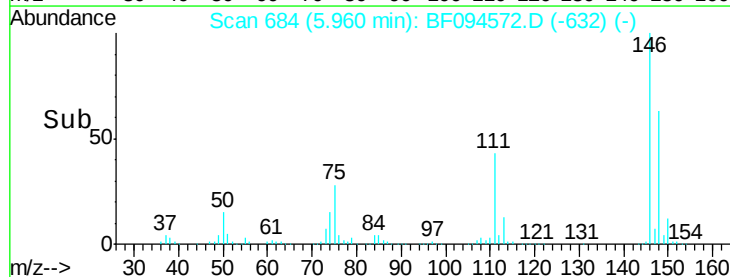
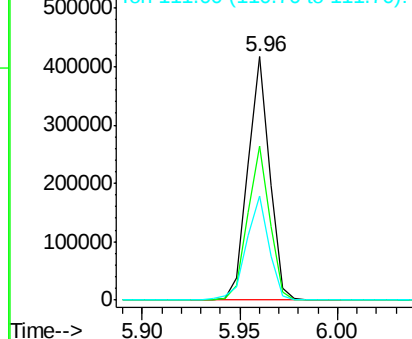
Lab File: BF094572.D

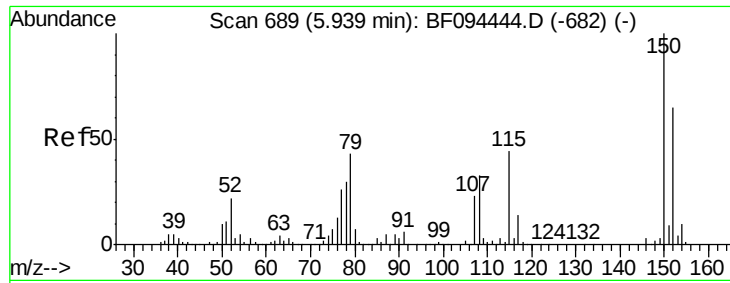
Acq: 21 Apr 2017 19:42

Tgt Ion:	146	Resp:	321704
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.4	75.6
111	42.6	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.97 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampled :

BL-1(3)MSD

Tot Ion: 79 Resp: 242072

Ion Ratio Lower Upper

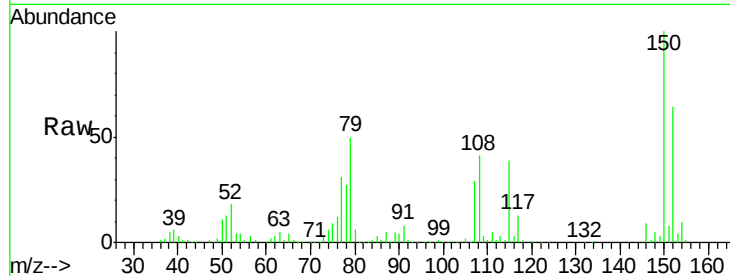
79 100

108 81.5 63.4 95.0

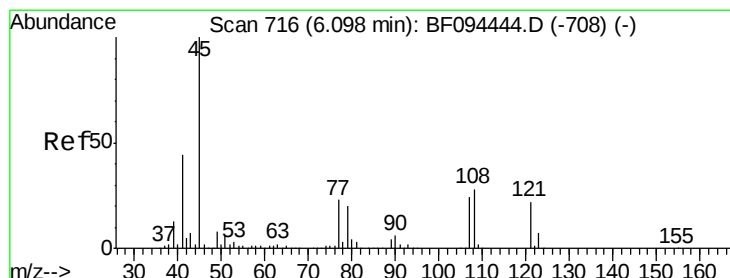
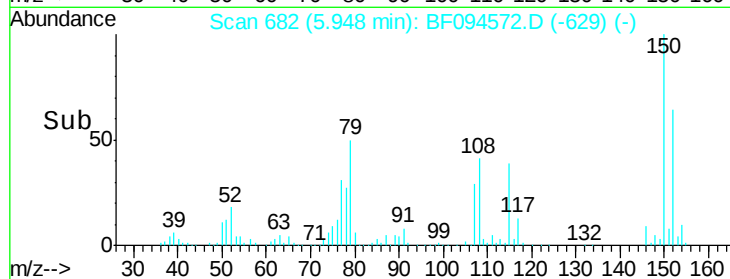
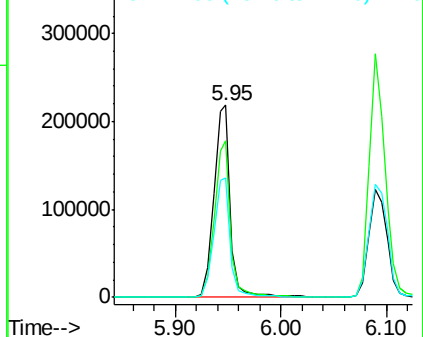
77 62.4 49.2 73.8

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.52 ng

RT: 6.10 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

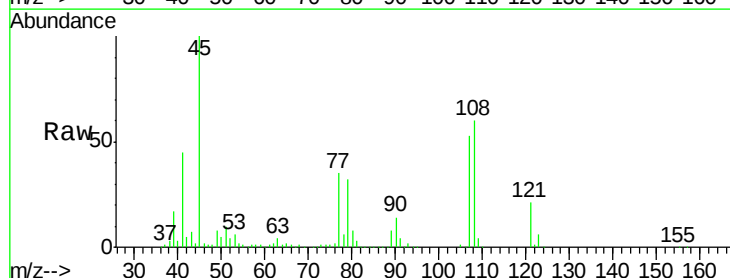
Tgt Ion: 45 Resp: 398919

Ion Ratio Lower Upper

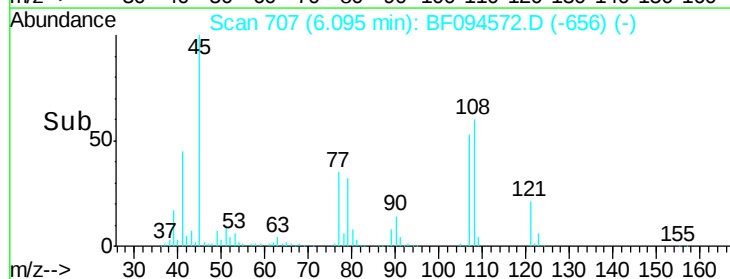
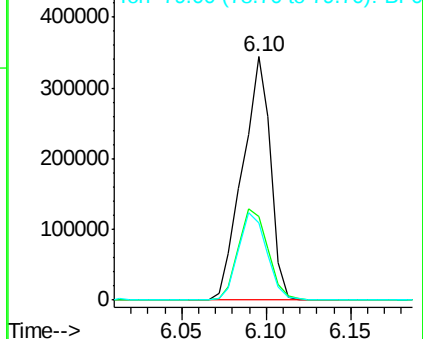
45 100

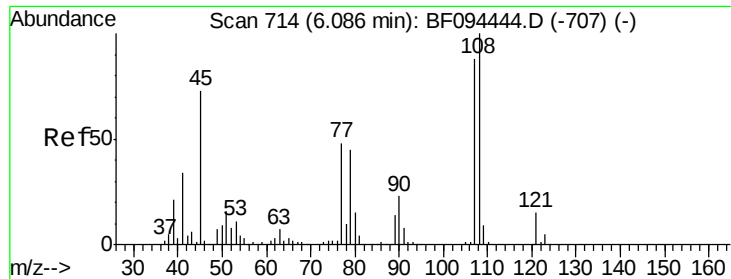
77 34.6 0.0 33.2#

79 31.5 0.0 30.0#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.55 ng

RT: 6.09 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

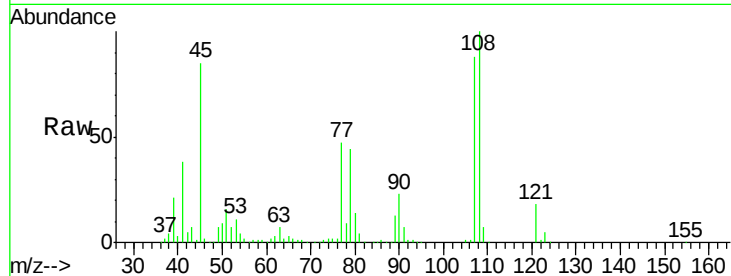
ClientSampleId :

BL-1(3)MSD

Tot Ion:	107	Resp:	251658
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.4	140.0
77	53.2	35.8	53.6
79	50.7	34.8	52.2

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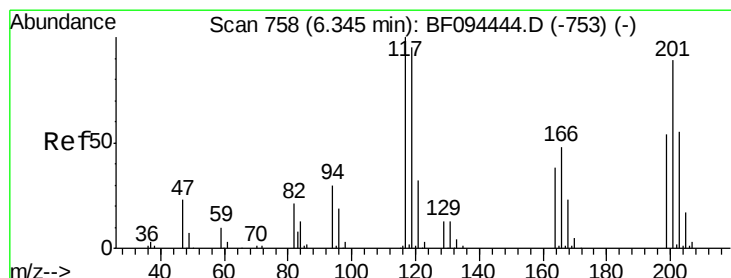
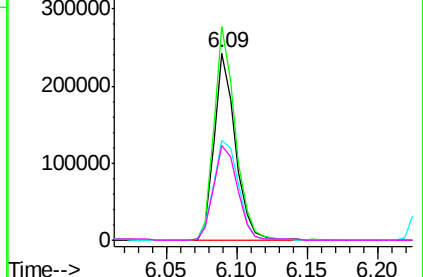
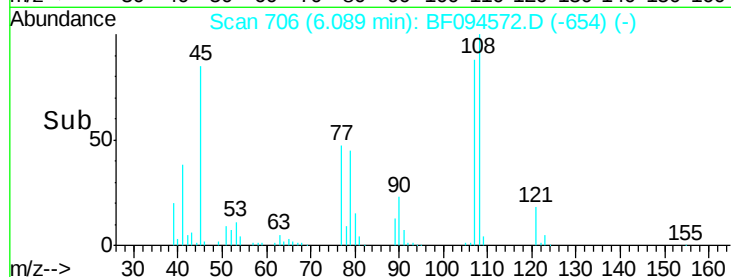


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.19 ng

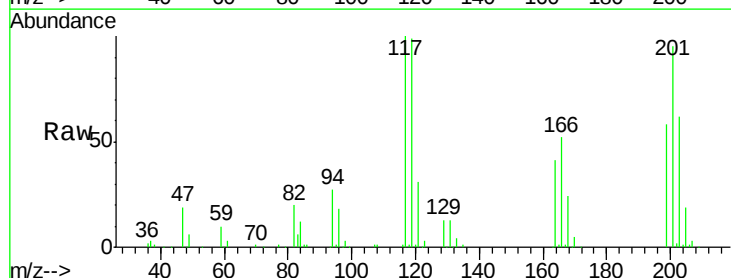
RT: 6.35 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

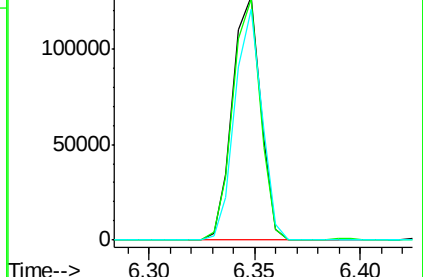
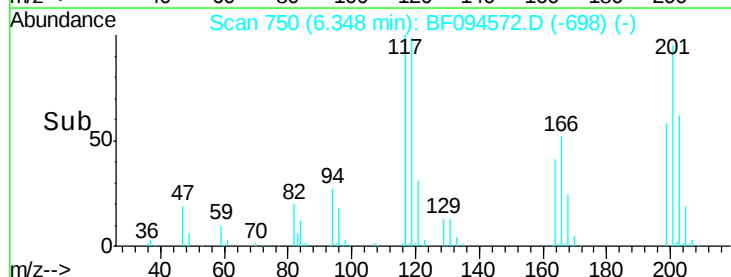
Tgt Ion:	117	Resp:	118001
Ion Ratio	Lower	Upper	
117	100		
119	99.1	77.4	116.0
201	94.7	94.6	141.8

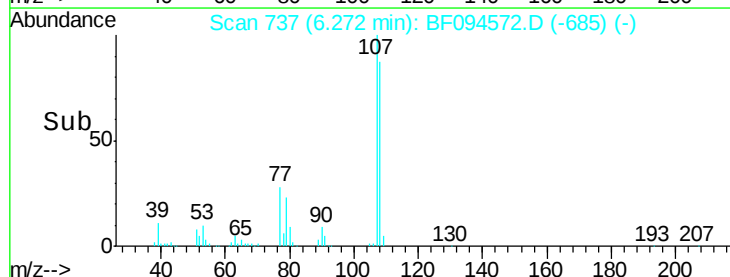
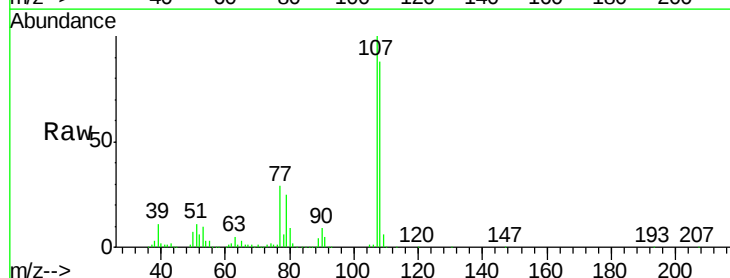
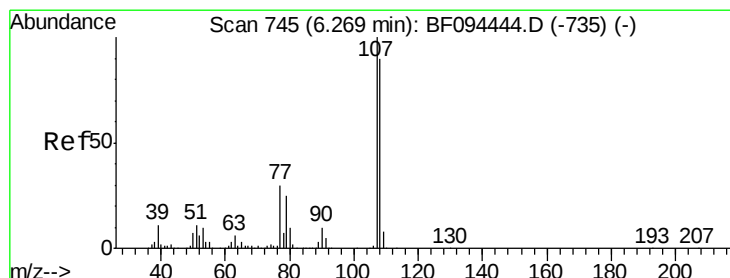
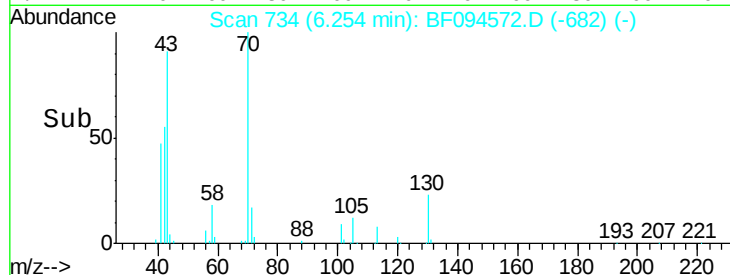
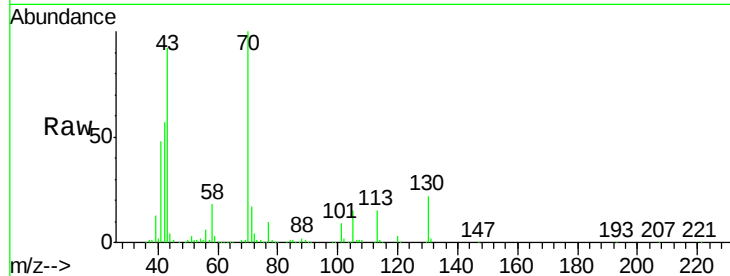
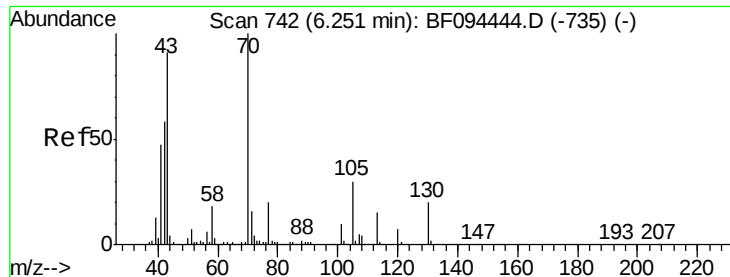


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





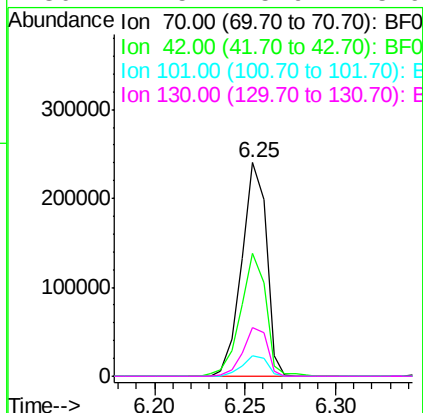
#19
n-Nitroso-di-n-propylamine
Concen: 42.14 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	47.2	70.8	
101	9.4	7.2	10.8	
130	22.5	15.9	23.9	

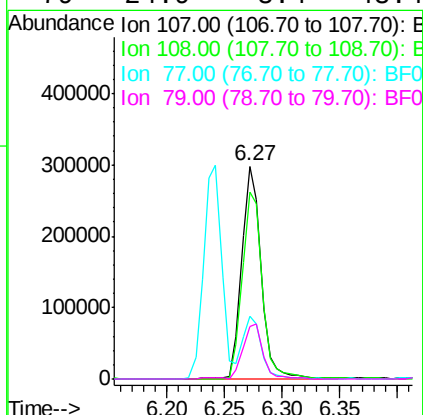
Manual Integrations
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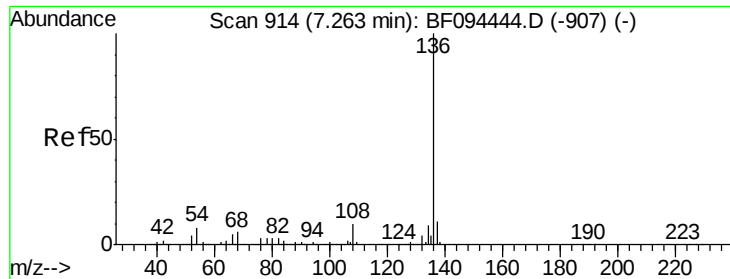
mohammad
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#20
3+4-Methylphenols
Concen: 41.20 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.2	71.0	111.0	
77	29.4	90.5	130.5	
79	24.9	8.4	48.4	





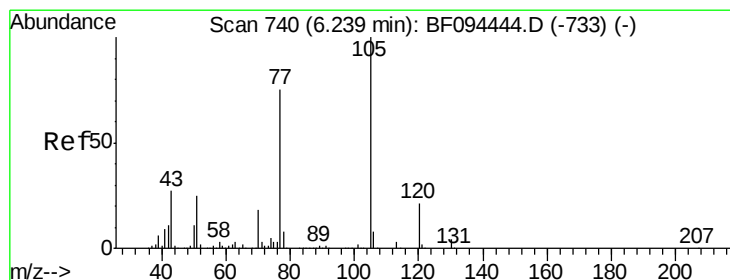
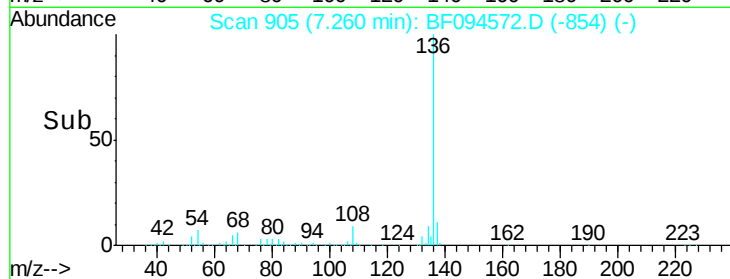
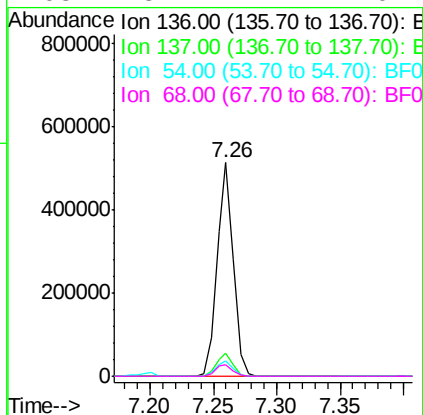
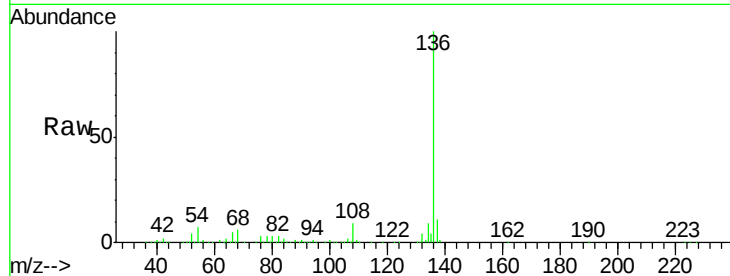
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	458557		
137	11.0	8.5	12.7	
54	7.2	4.9	7.3	
68	5.7	4.1	6.1	

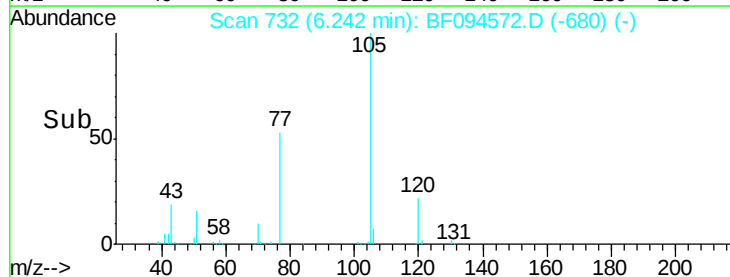
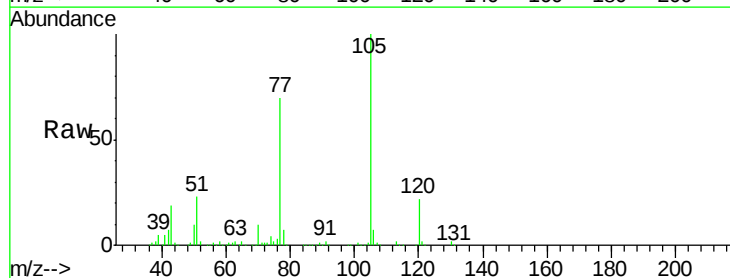
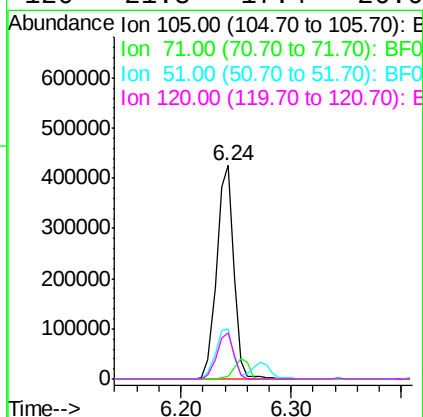
Manual Integrations
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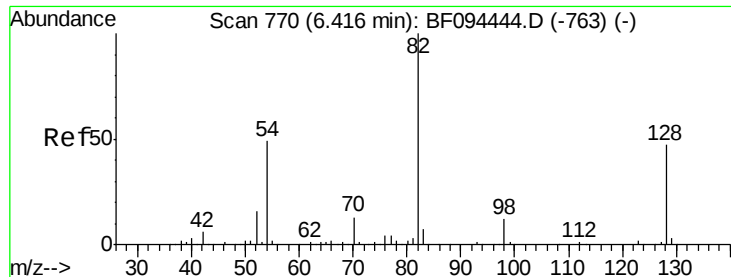
mohammad
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#22
Acetophenone
Concen: 40.90 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	456066		
71	1.3	2.8	4.2#	
51	23.4	30.7	46.1#	
120	21.8	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 86.24 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

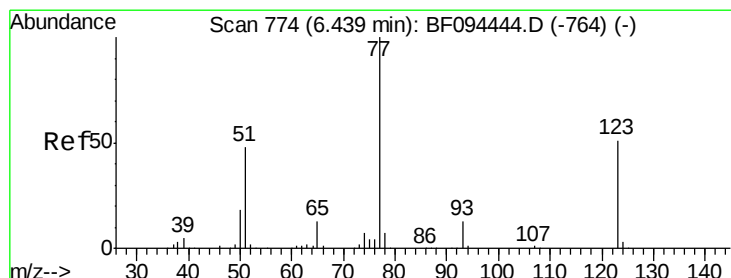
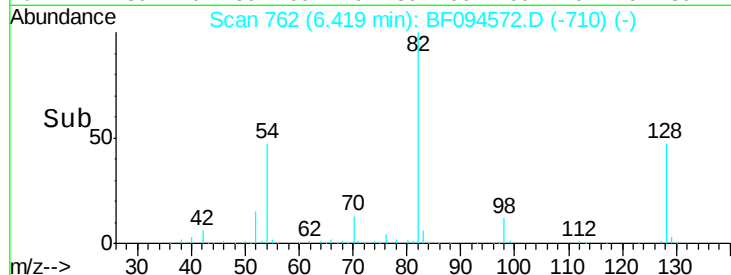
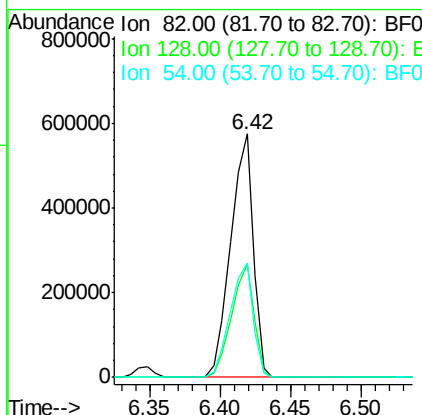
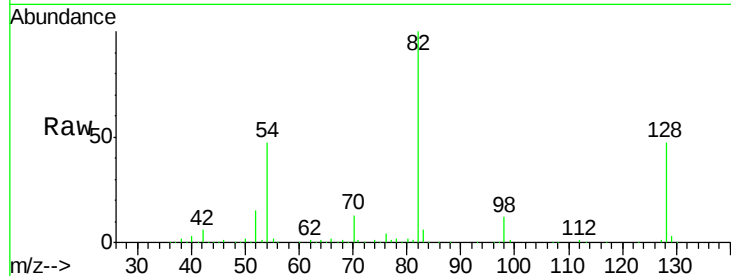
ClientSampleId :

BL-1(3)MSD

Tot Ion:	82	Resp:	640458
Ion Ratio		Lower	Upper
82	100		
128	46.6	34.0	51.0
54	47.2	42.2	63.2

Manual Integrations
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4/24/2017 5:13:26 PM



#24

Nitrobenzene

Concen: 40.77 ng

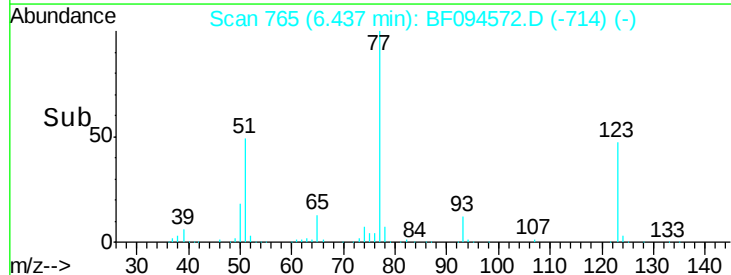
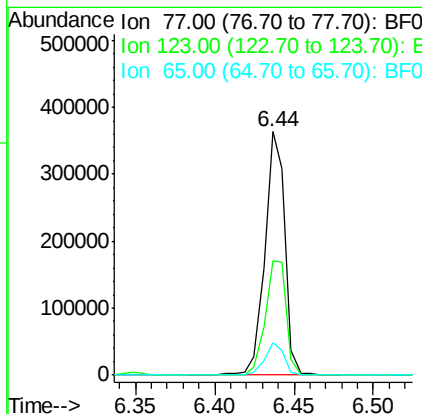
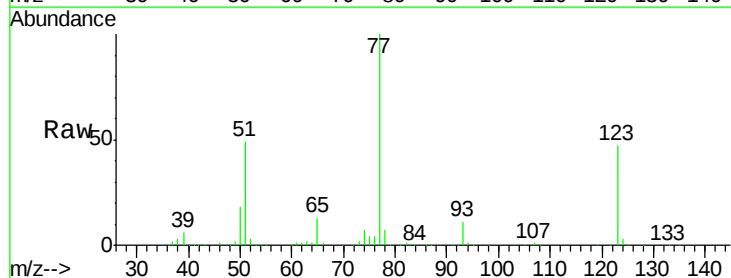
RT: 6.44 min Scan# 765

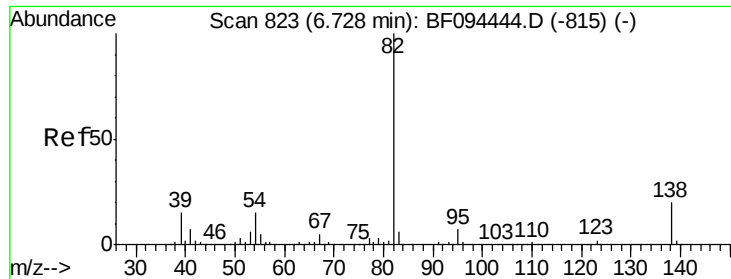
Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	77	Resp:	318805
Ion Ratio		Lower	Upper
77	100		
123	47.0	35.8	53.8
65	13.2	10.6	15.8





#25

Isophorone

Concen: 42.23 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

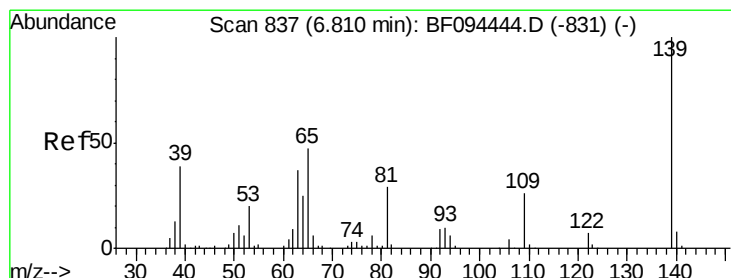
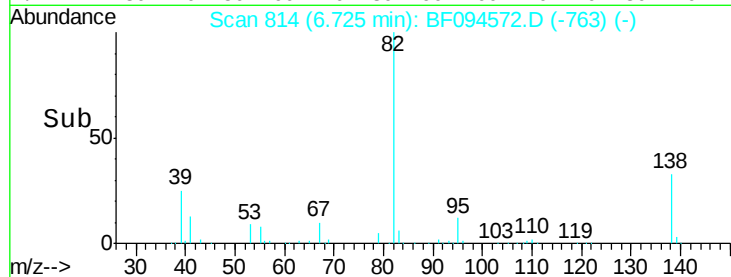
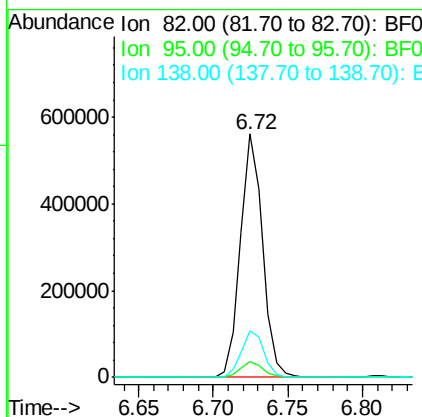
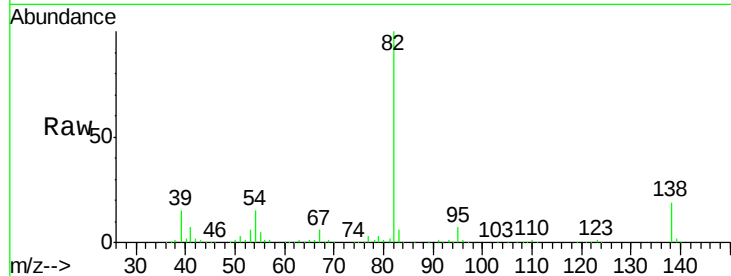
ClientSampleId :

BL-1(3)MSD

Tot Ion:	82	Resp:	581290
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 40.35 ng

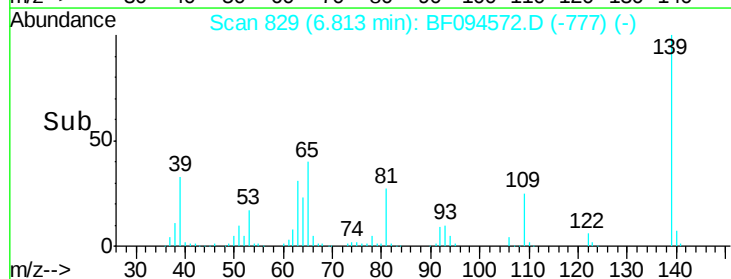
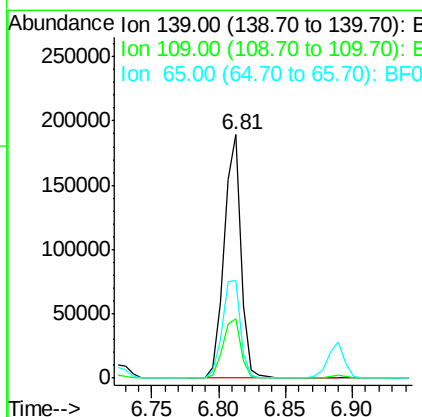
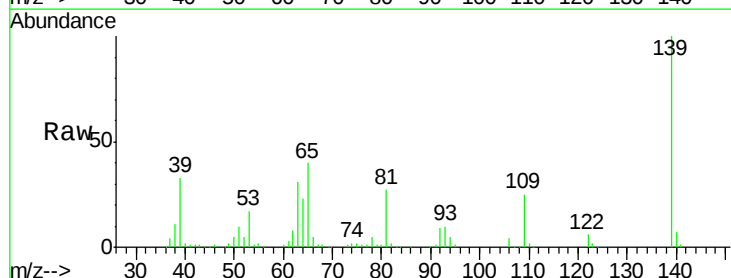
RT: 6.81 min Scan# 829

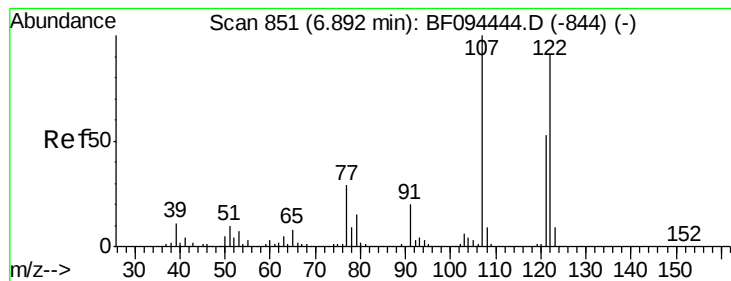
Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	139	Resp:	169507
Ion Ratio		Lower	Upper
139	100		
109	24.6	21.0	31.6
65	40.0	33.0	49.6





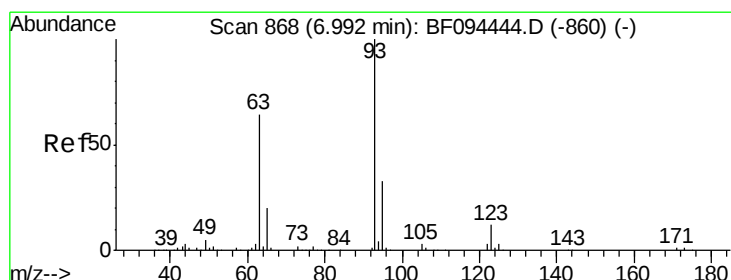
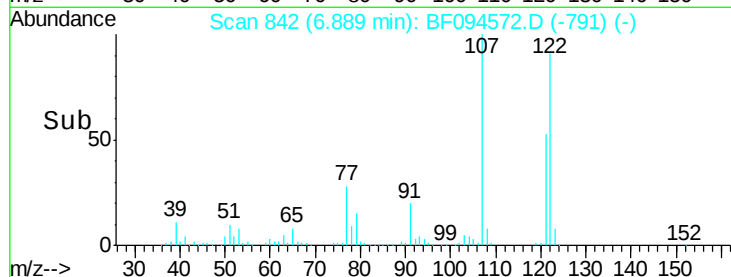
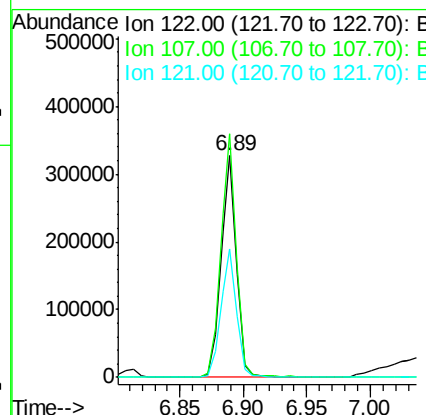
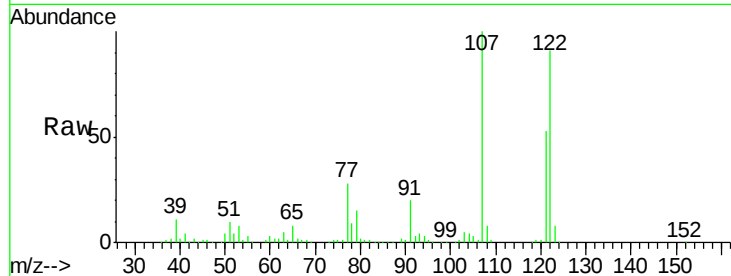
#27
 2,4-Dimethylphenol
 Concen: 41.25 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	89.2	133.8
121	58.1	45.2	67.8

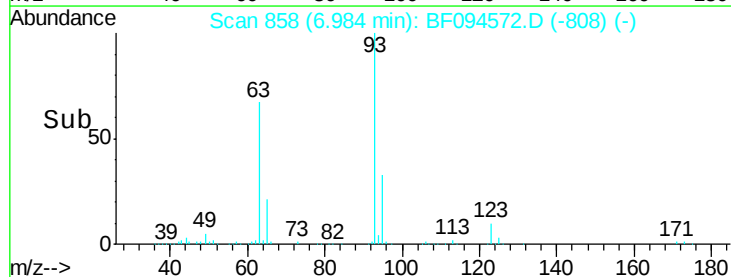
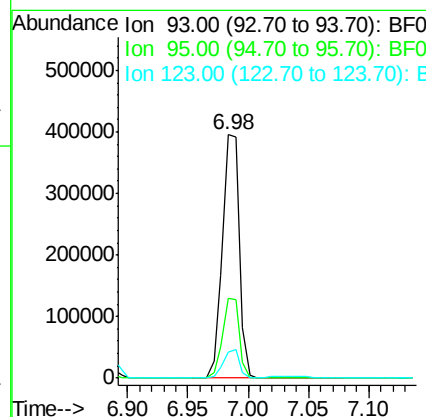
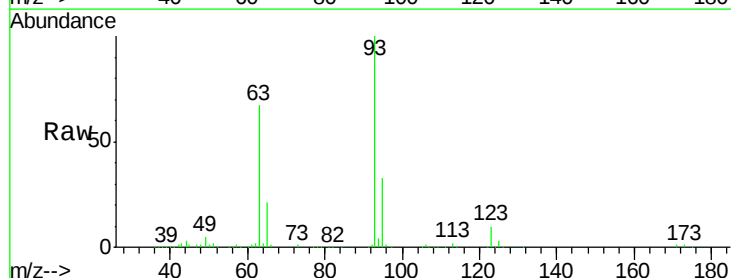
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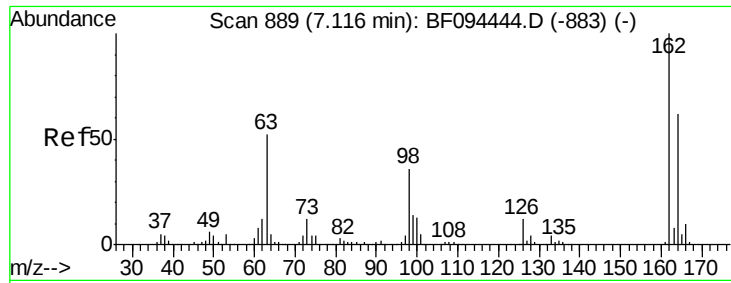
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.84 ng
 RT: 6.98 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.5	9.0	13.4





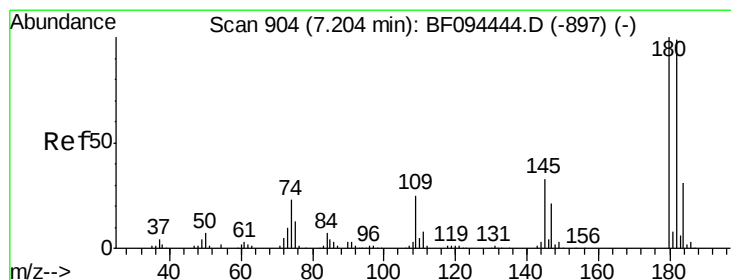
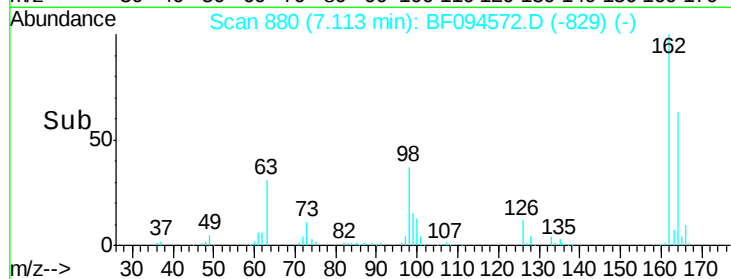
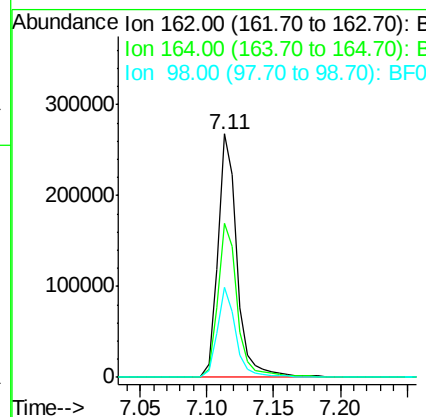
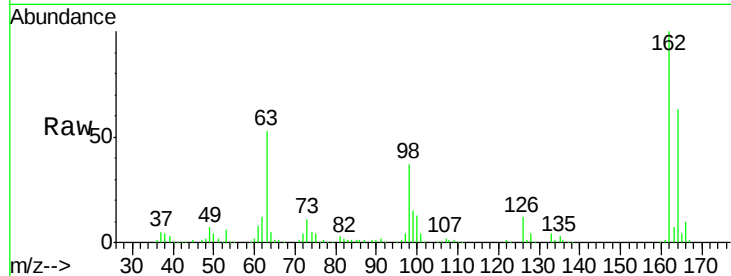
#29
 2,4-Dichlorophenol
 Concen: 42.89 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	272290		
164	63.3		44.6	84.6
98	37.0		14.8	54.8

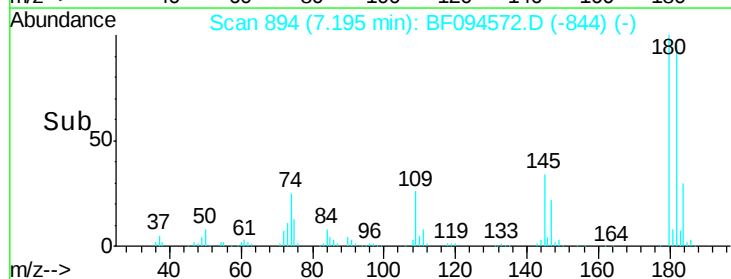
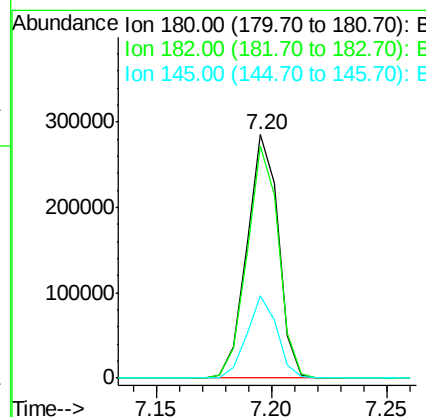
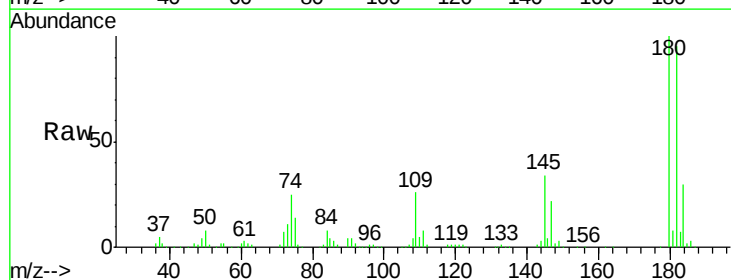
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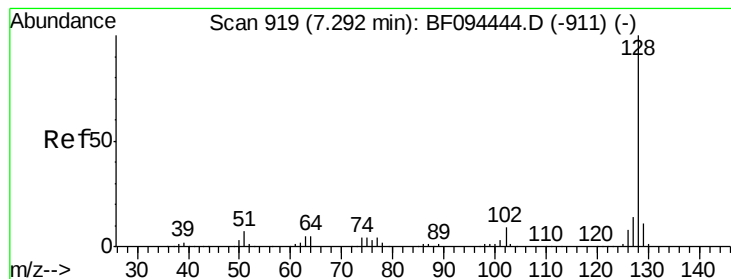
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.27 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	270895		
182	95.1		75.8	113.6
145	34.1		25.3	37.9





#31

Naphthalene

Concen: 42.04 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

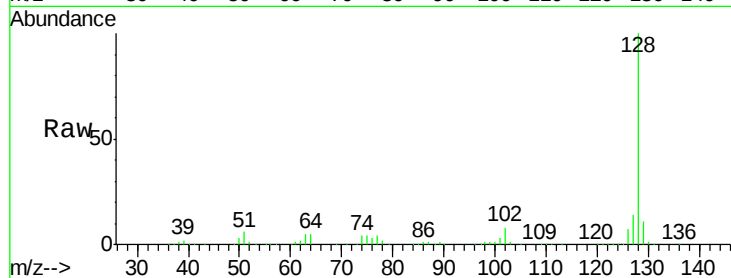
ClientSampleId :

BL-1(3)MSD

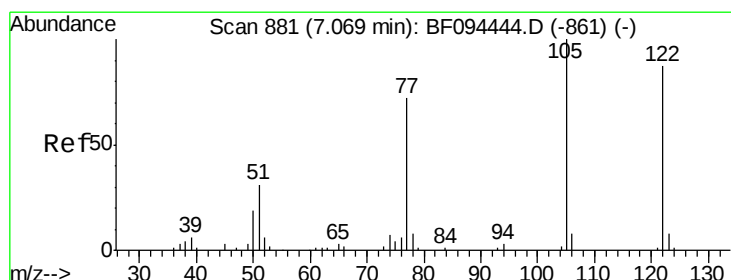
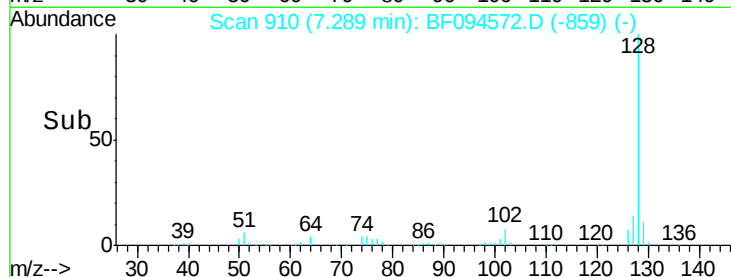
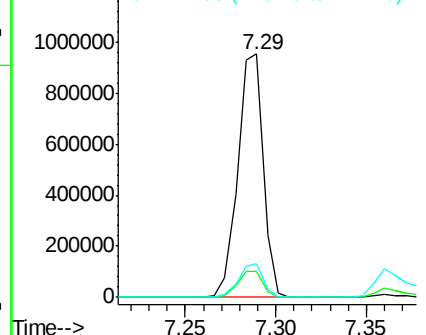
Tot Ion:	128	Resp:	926803
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.6
127	13.7	10.8	16.2

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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: 23.09 ng

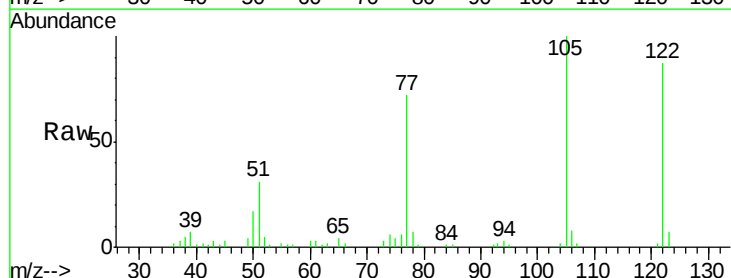
RT: 7.05 min Scan# 869

Delta R.T. -0.02 min

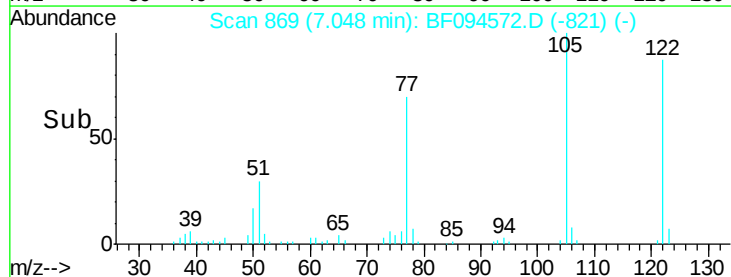
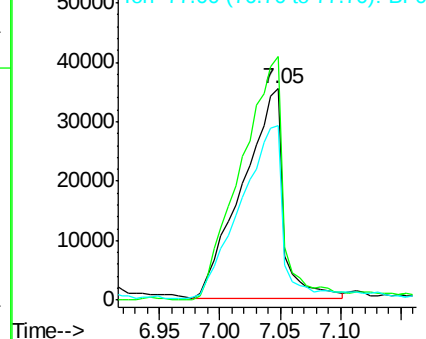
Lab File: BF094572.D

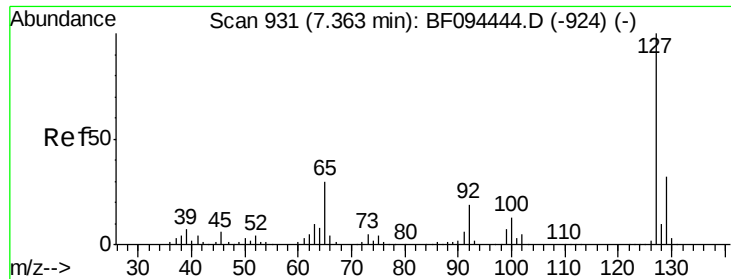
Acq: 21 Apr 2017 19:42

Tgt Ion:	122	Resp:	83344
Ion Ratio	Lower	Upper	
122	100		
105	115.4	103.3	143.3
77	82.5	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





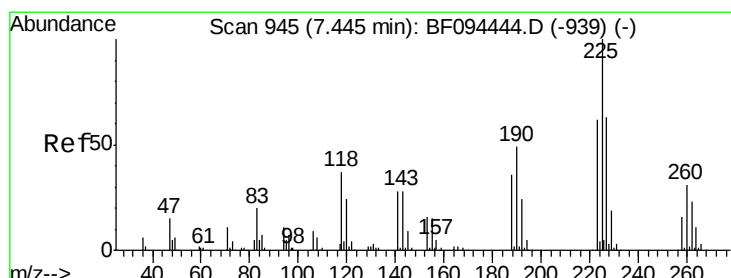
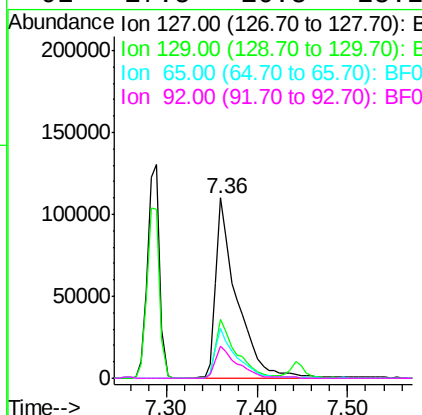
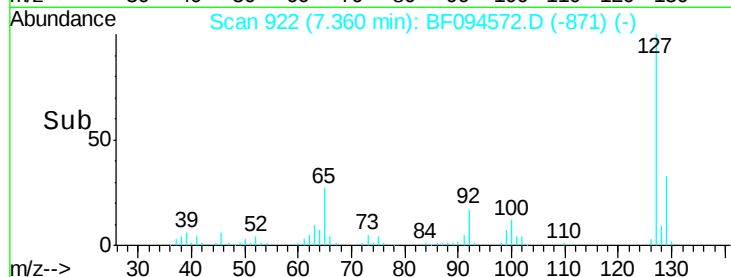
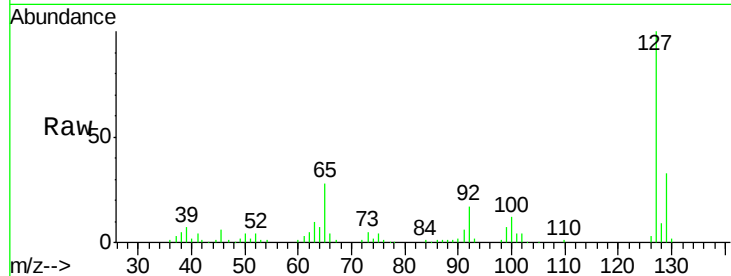
#33
4-Chloroaniline
Concen: 19.57 ng
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	179508		
129	32.6	26.2	39.2	
65	27.5	27.8	41.8	
92	17.5	16.8	25.2	

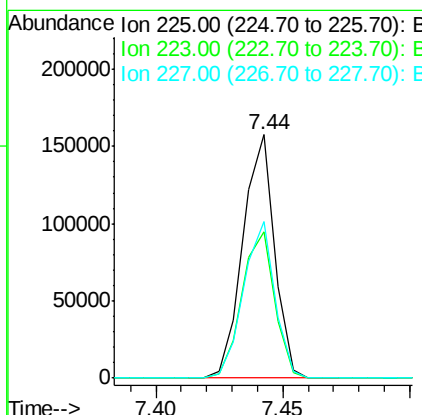
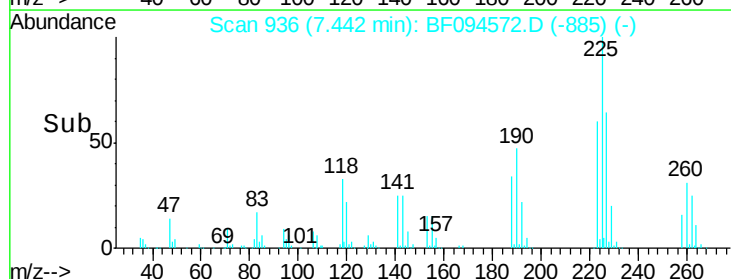
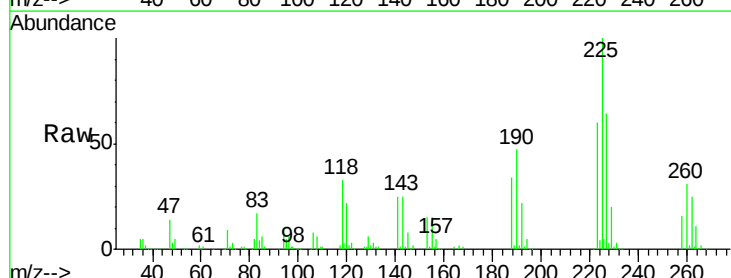
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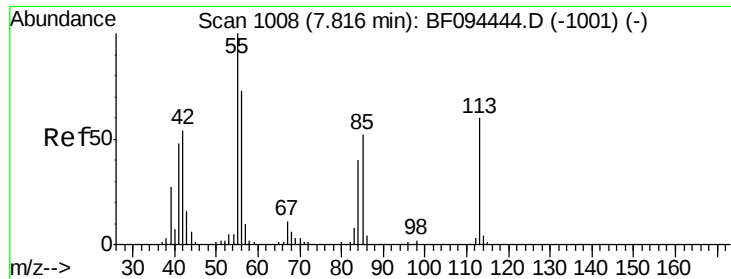
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#34
Hexachlorobutadiene
Concen: 41.69 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136421		
223	60.2	48.8	73.2	
227	64.1	51.1	76.7	





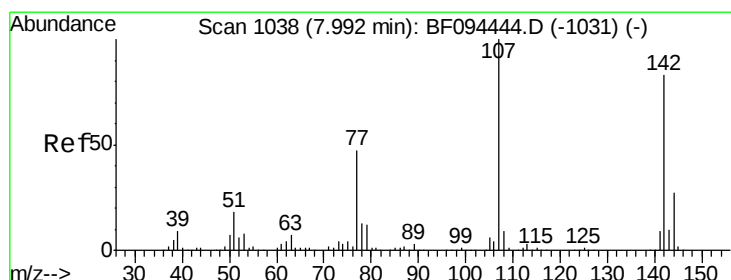
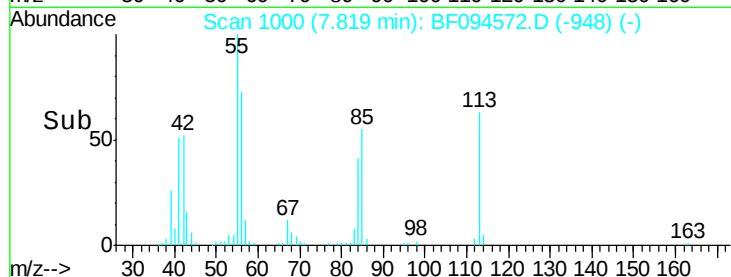
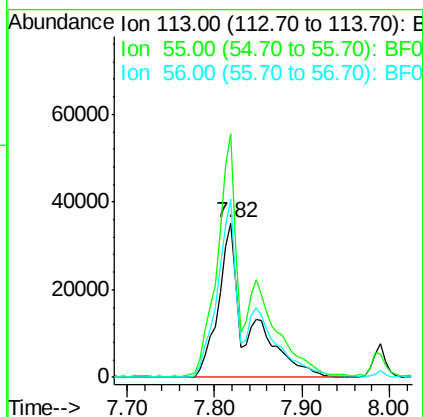
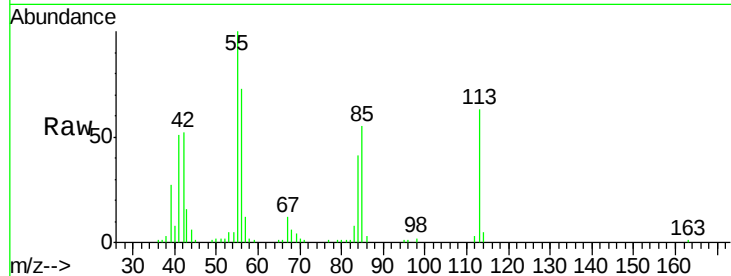
#35
 Caprolactam
 Concen: 41.41 ng/ml
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.0	150.2	190.2
56	116.1	107.8	147.8

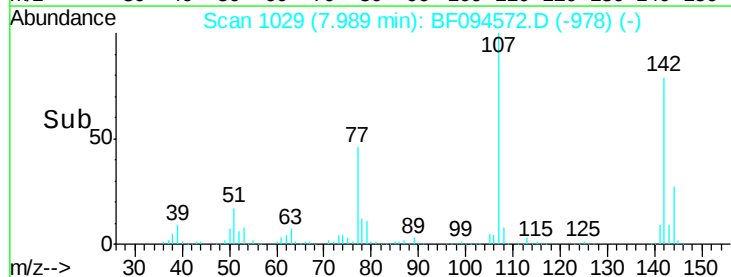
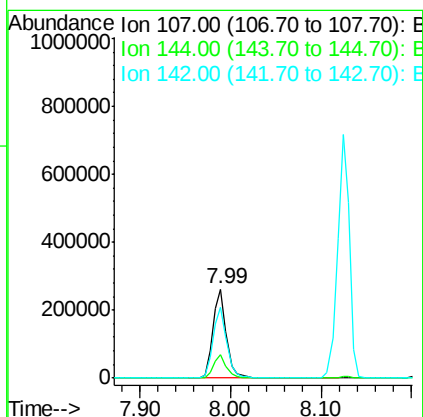
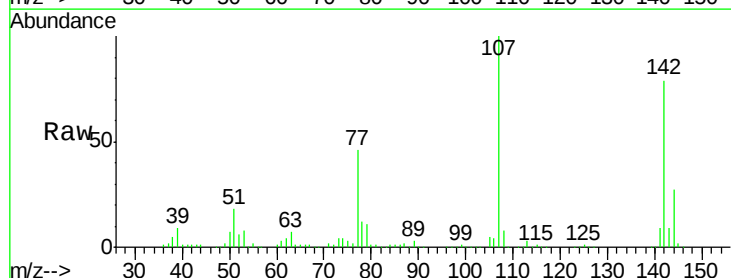
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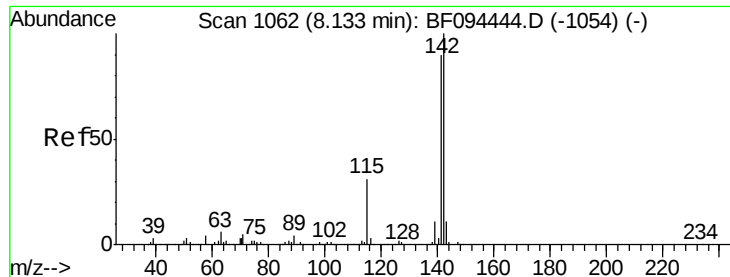
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#36
 4-Chloro-3-methylphenol
 Concen: 41.08 ng/ml
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	24.2	36.4
142	79.2	73.4	110.0





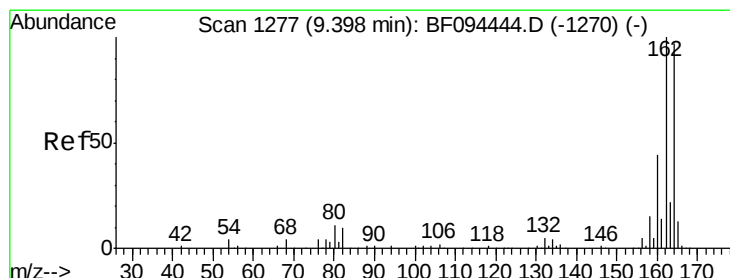
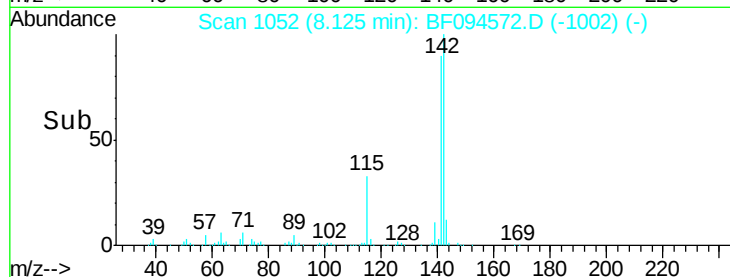
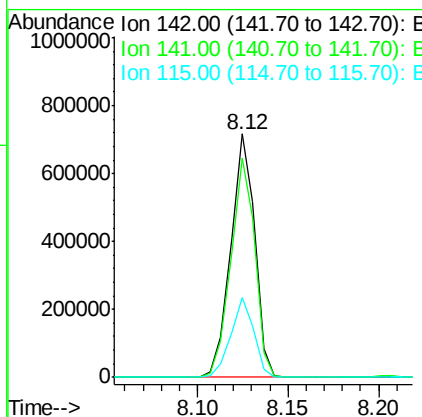
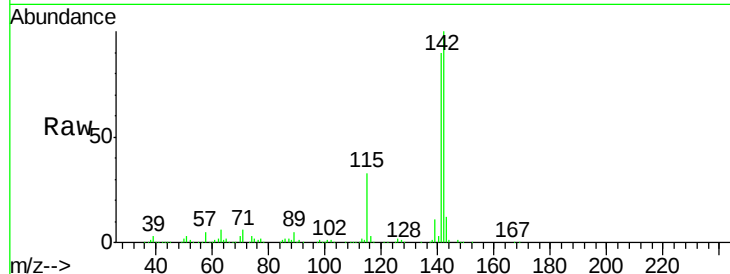
#37
2-Methylnaphthalene
Concen: 44.02 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	32.7	27.1	40.7

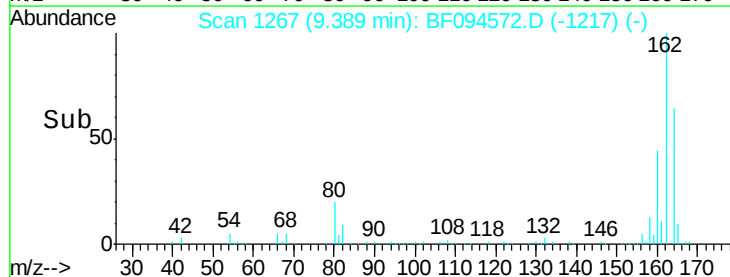
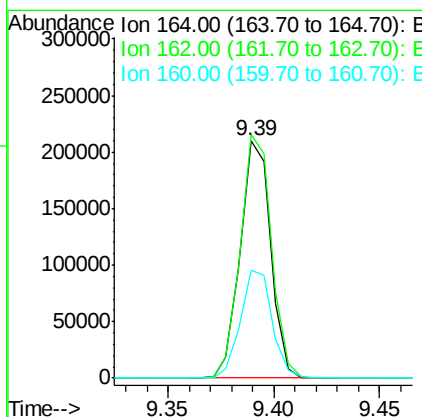
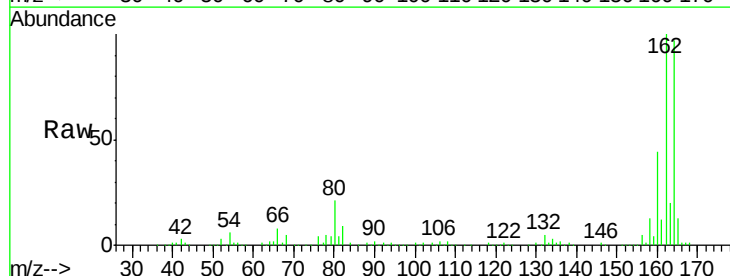
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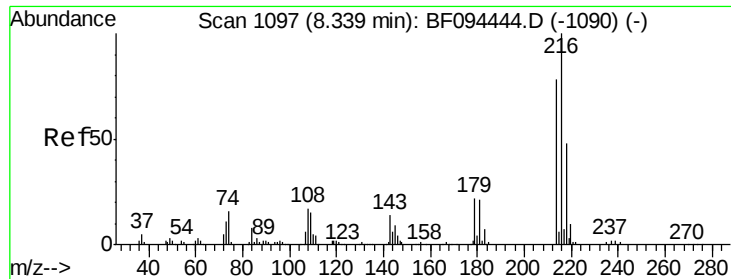
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.2	36.2	54.2





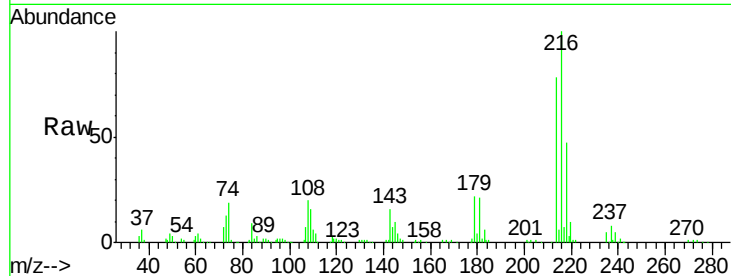
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.25 ng
 RT: 8.33 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

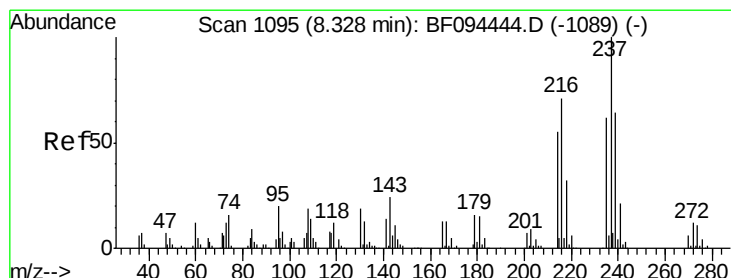
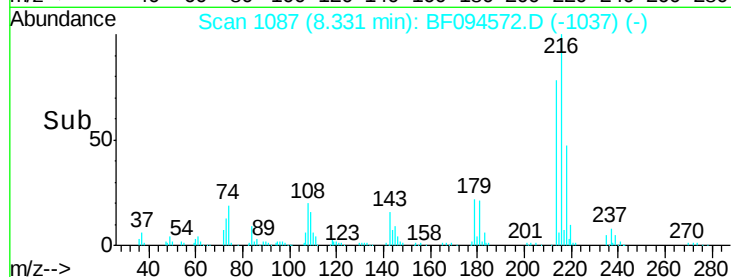
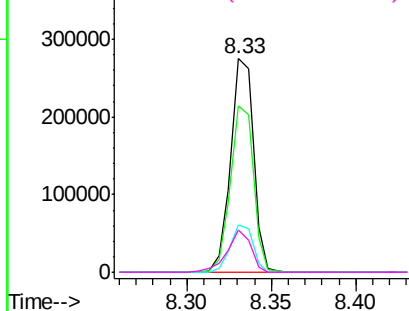
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		257935		
214	78.7	63.4	95.2		
179	22.1	17.9	26.9		
108	20.7	16.5	24.7		

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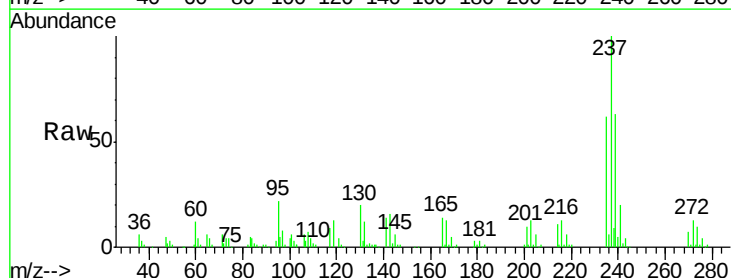


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

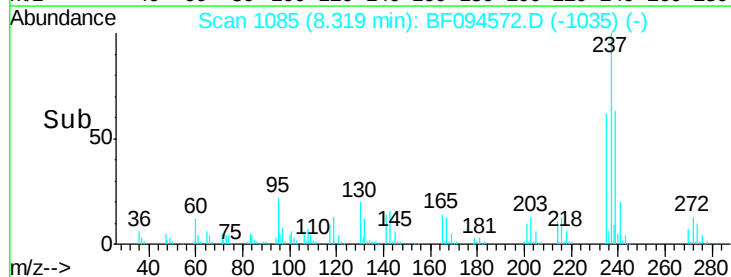
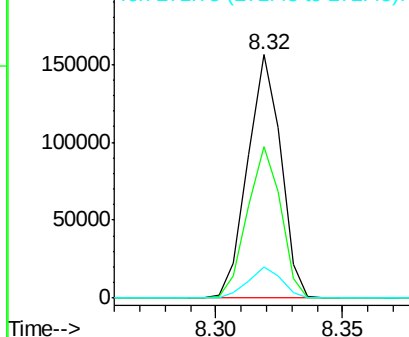


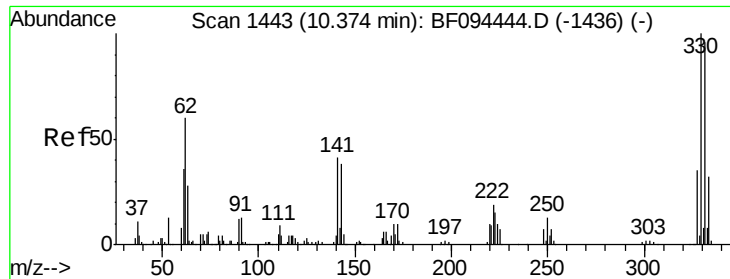
#40
 Hexachlorocyclopentadiene
 Concen: 59.34 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		143159		
235	62.3	42.6	82.6		
272	12.7	0.0	31.9		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





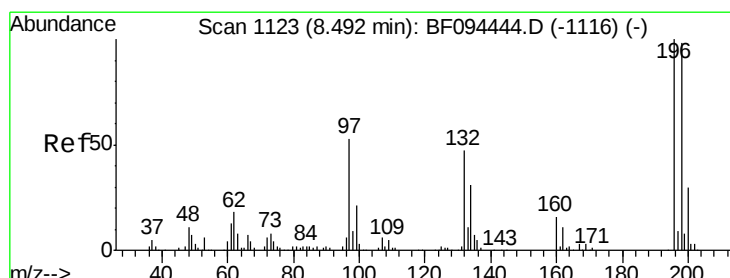
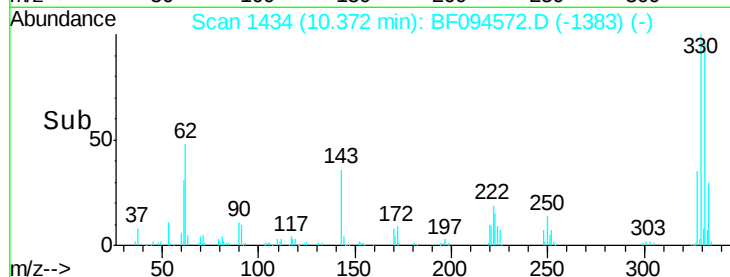
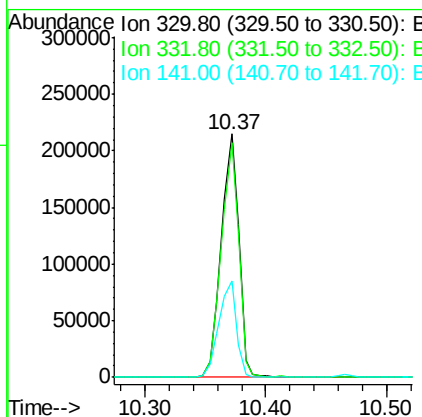
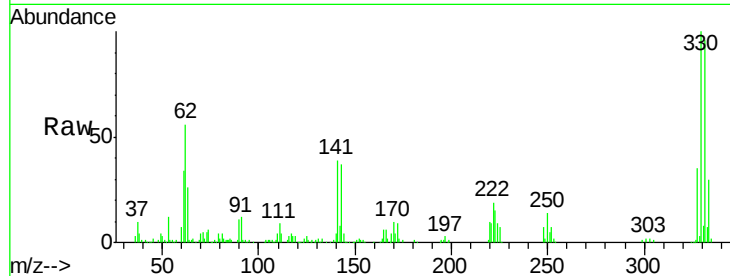
#41
 2,4,6-Tribromophenol
 Concen: 132.72 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	39.6	31.4	47.2

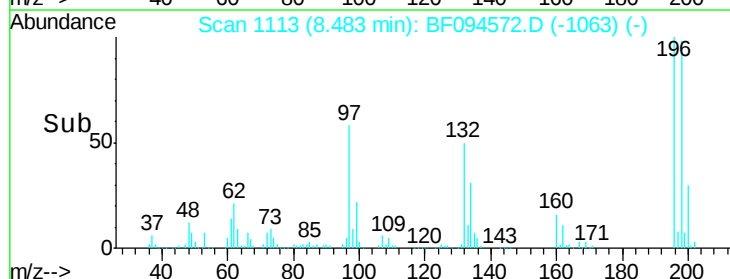
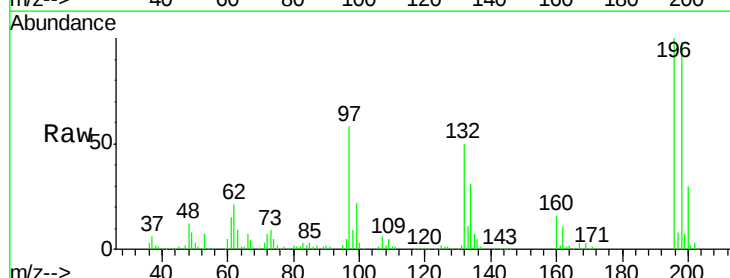
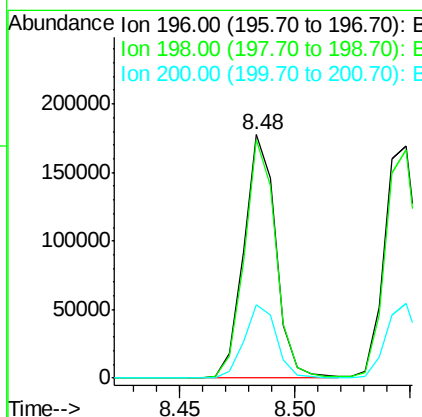
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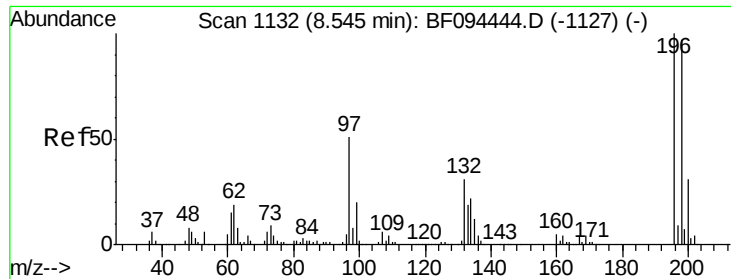
mohammad
 4/24/2017 5:13:26 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.98 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	74.2	111.4
200	30.1	24.0	36.0





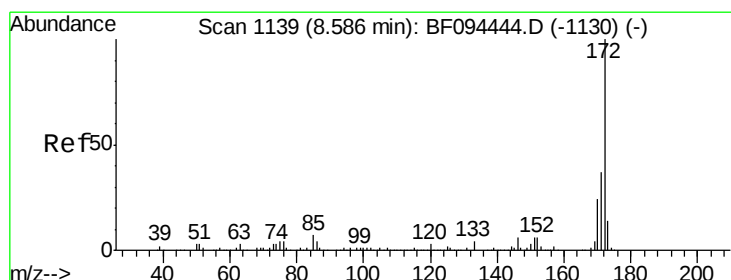
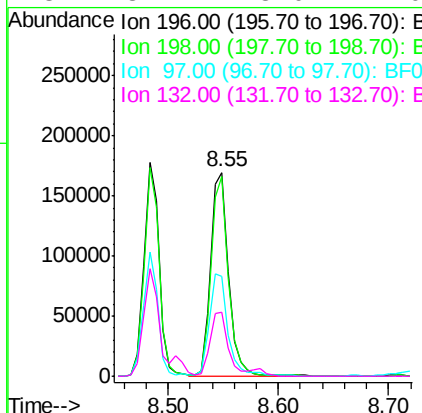
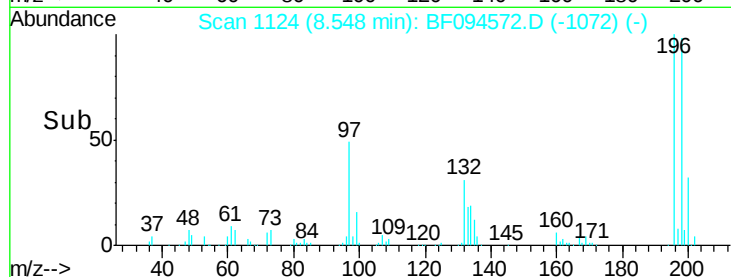
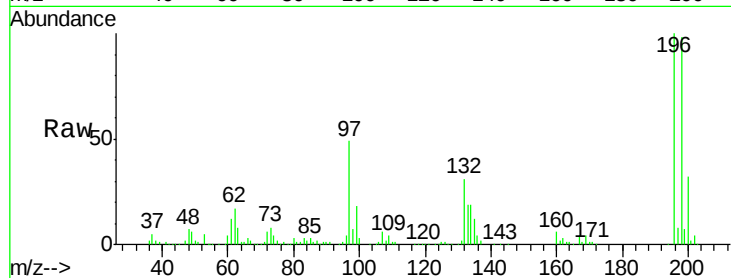
#43
 2,4,5-Trichlorophenol
 Concen: 43.76 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		188214		
198	98.1	75.7	113.5		
97	49.1	47.7	71.5		
132	31.2	28.0	42.0		

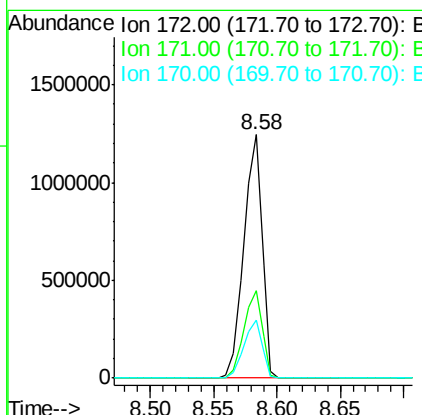
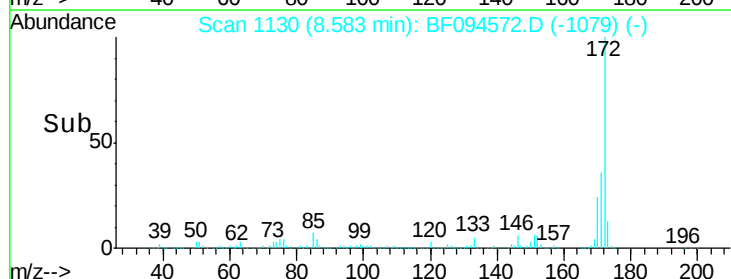
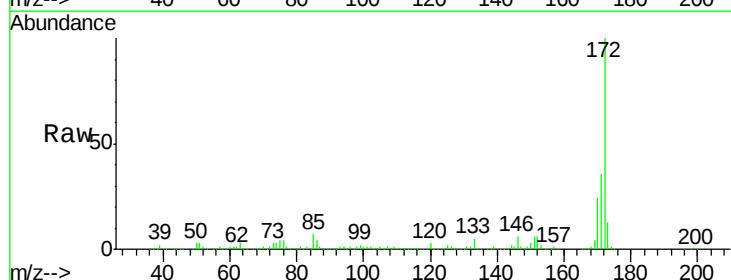
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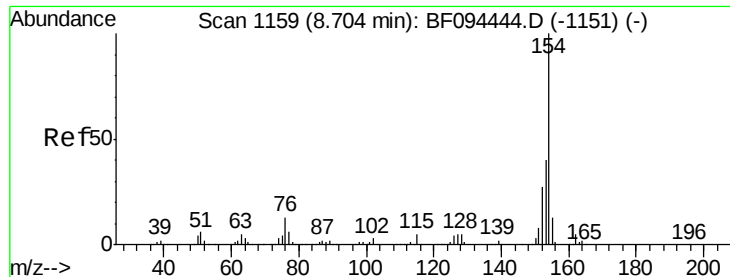
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 86.96 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1237804		
171	36.1	29.6	44.4		
170	23.7	19.8	29.8		





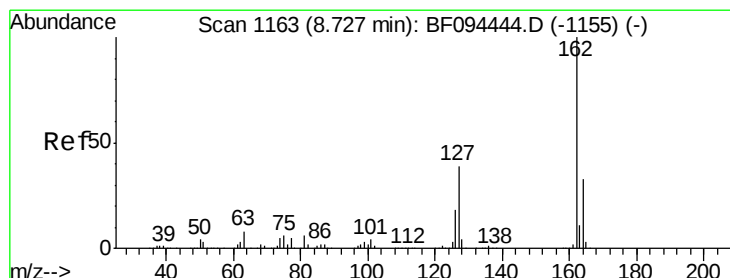
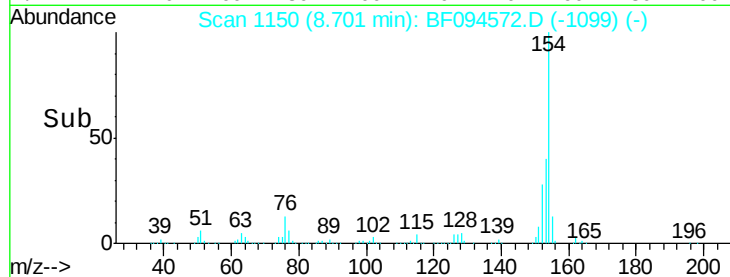
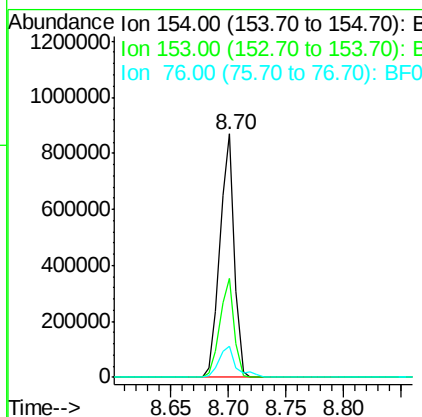
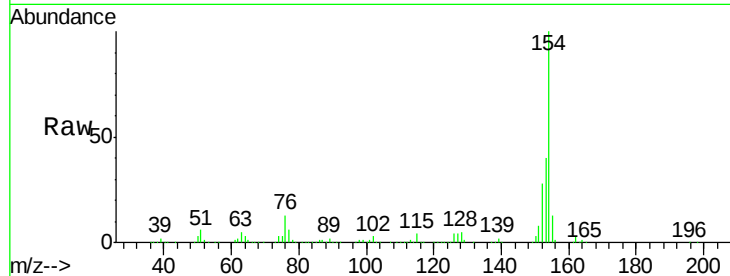
#45
 1,1'-Biphenyl
 Concen: 43.81 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.4	21.2	61.2		
76	12.6	0.0	29.9		

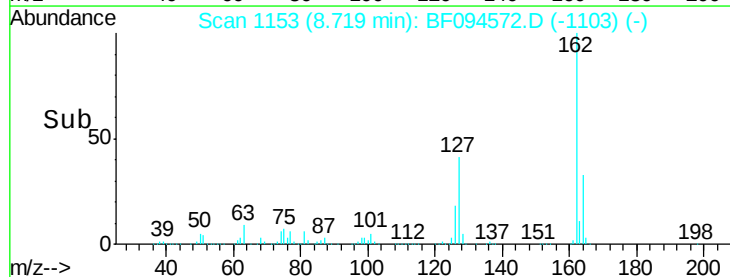
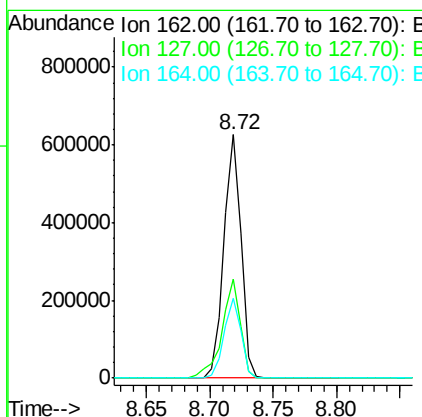
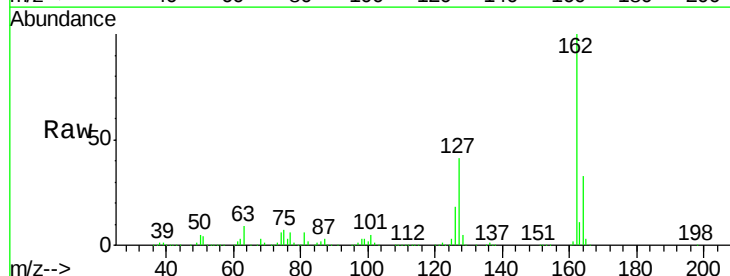
Manual Integrations
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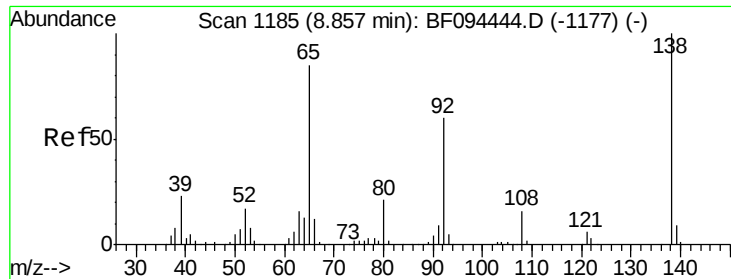
mohammad
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#46
 2-Chloronaphthalene
 Concen: 43.32 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.6	28.3	42.5		
164	32.7	27.0	40.4		





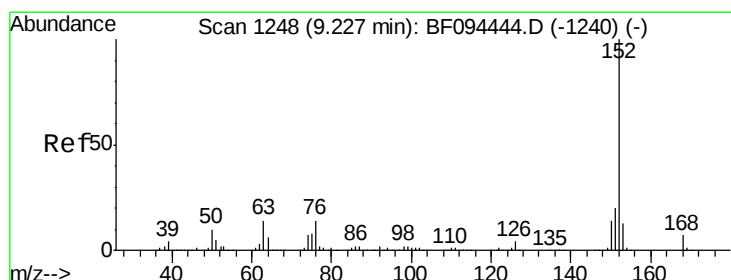
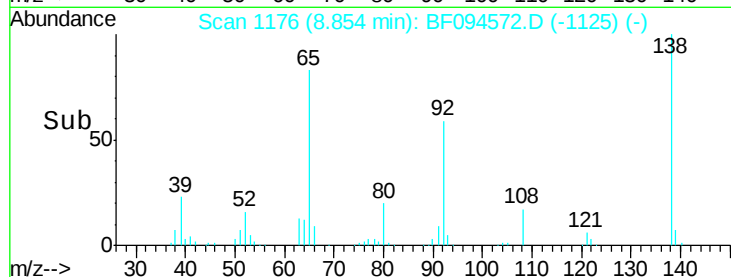
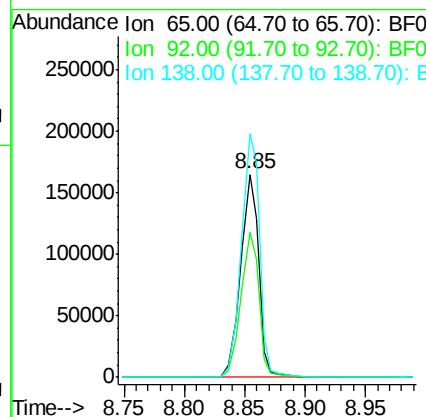
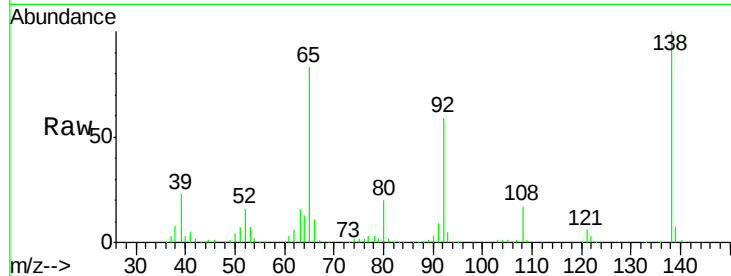
#47
 2-Nitroaniline
 Concen: 44.45 ng
 RT: 8.85 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	53.9	80.9
138	119.9	78.8	118.2#

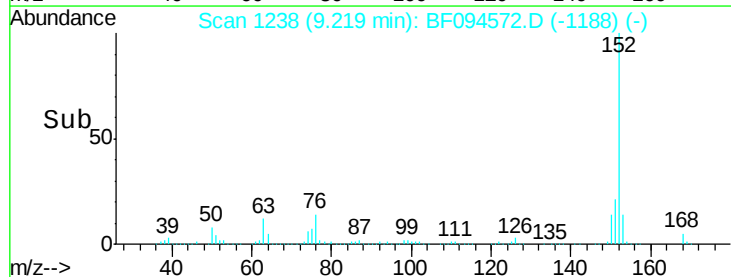
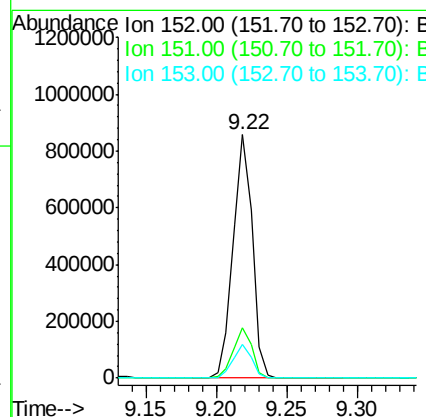
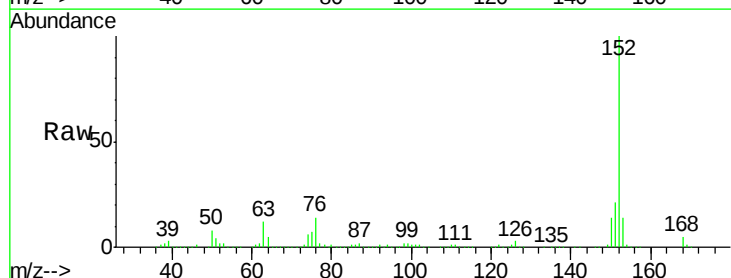
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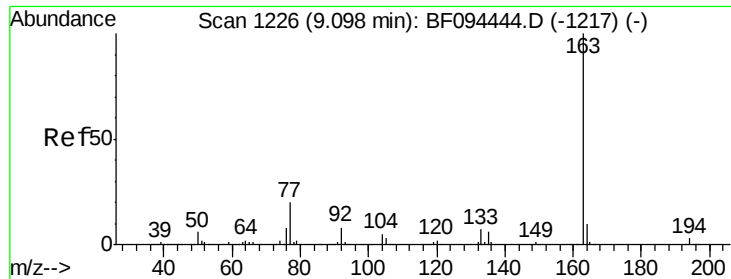
mohammad
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#48
 Acenaphthylene
 Concen: 38.22 ng
 RT: 9.22 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.7	10.8	16.2





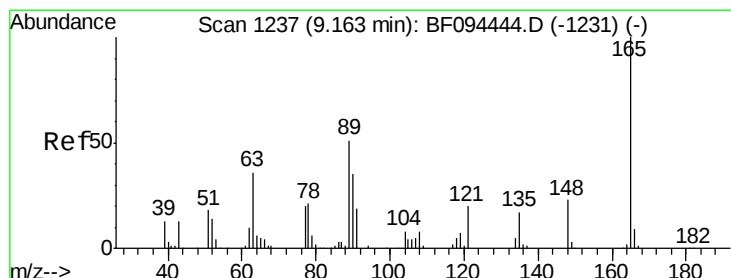
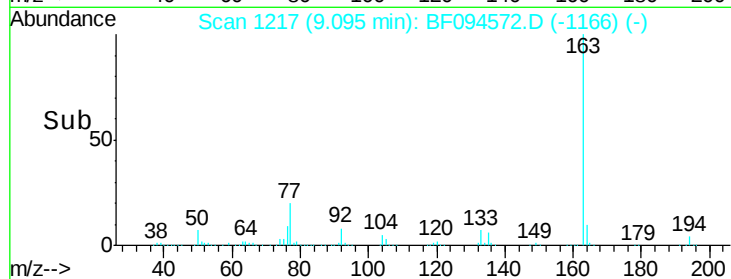
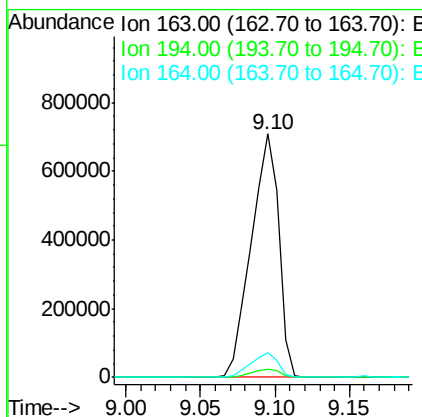
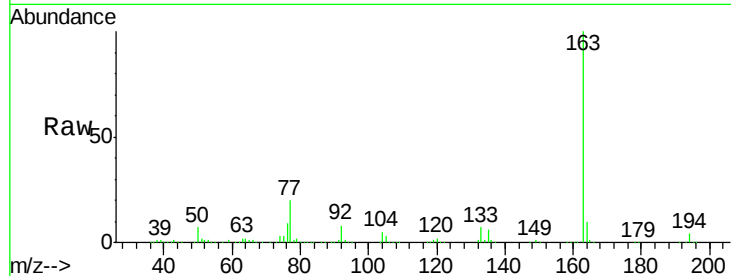
#49
Dimethylphthalate
Concen: 57.67 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

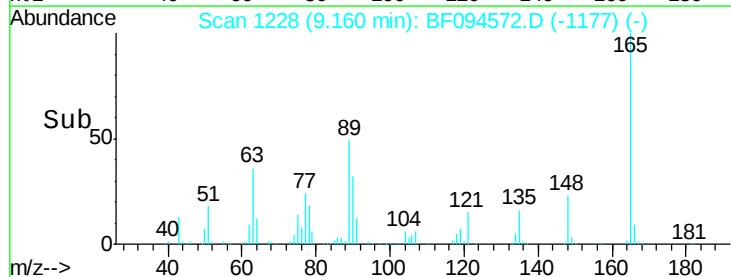
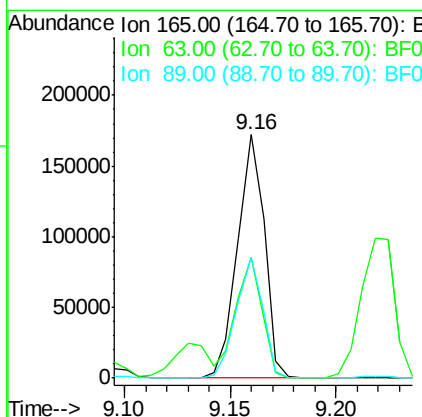
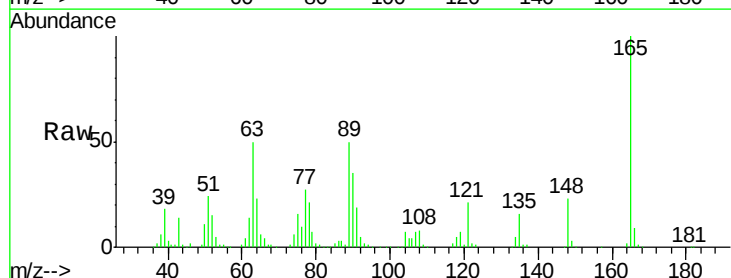
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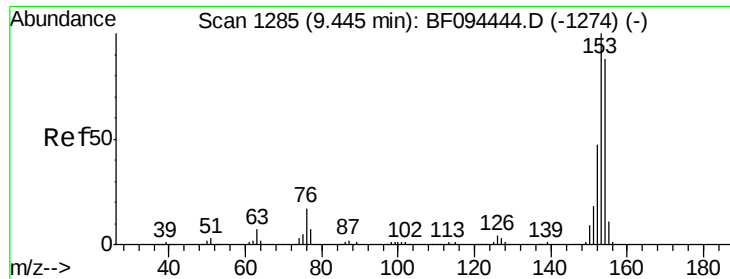
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.29 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.6	34.3	51.5	
89	49.5	37.1	55.7	





#51

Acenaphthene

Concen: 41.94 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

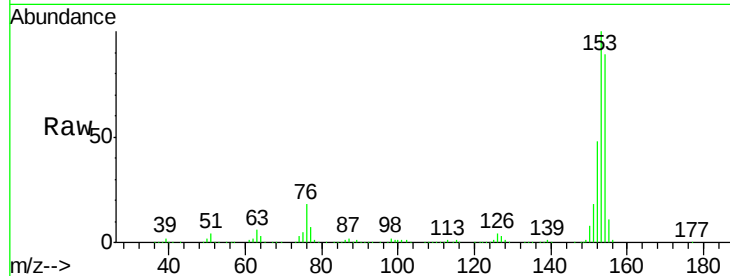
ClientSampleId :

BL-1(3)MSD

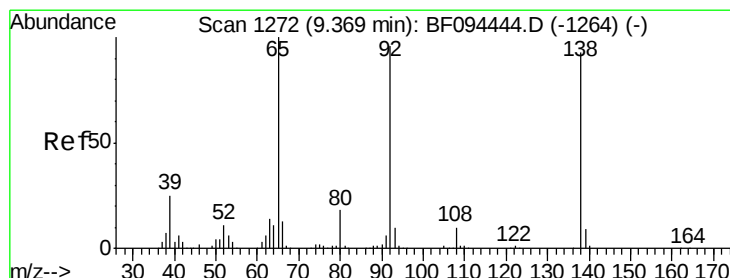
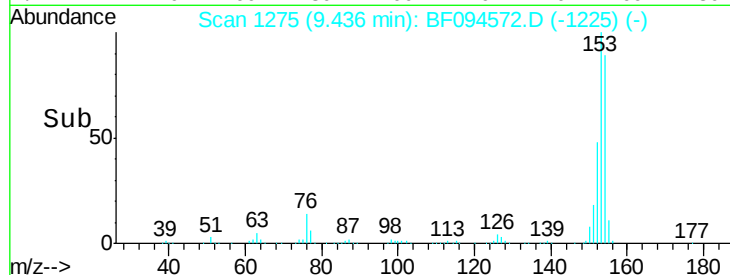
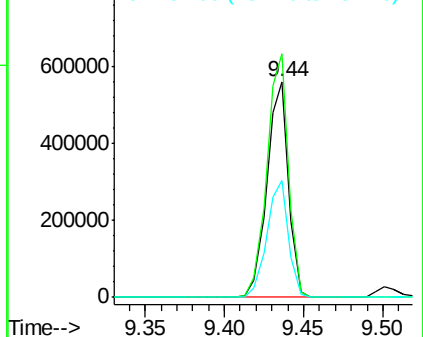
Tot Ion:	154	Resp:	532855
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	54.2	43.6	65.4

Manual Integrations
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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: 28.60 ng

RT: 9.36 min Scan# 1262

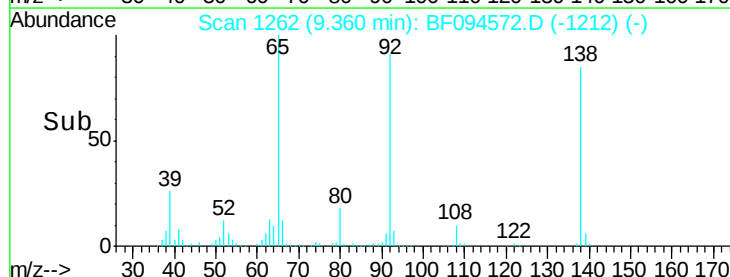
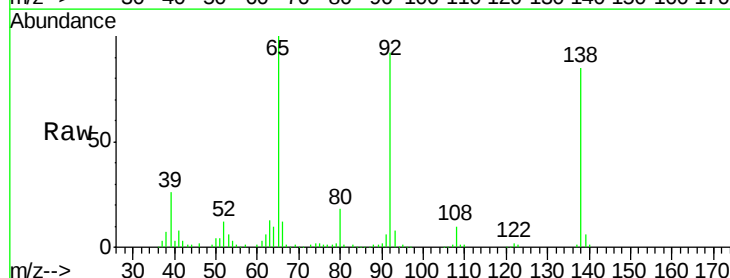
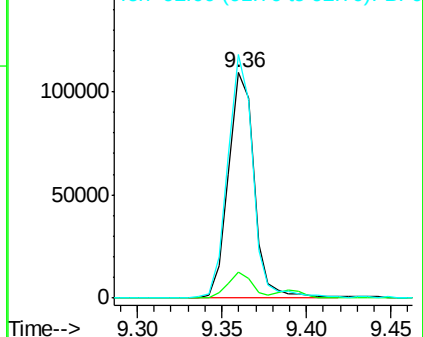
Delta R.T. -0.01 min

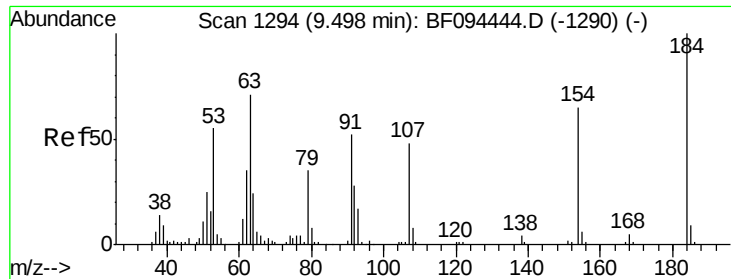
Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	138	Resp:	115936
Ion Ratio	Lower	Upper	
138	100		
108	11.8	9.1	13.7
92	108.0	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





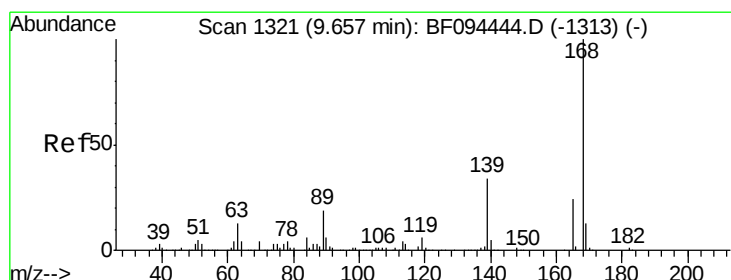
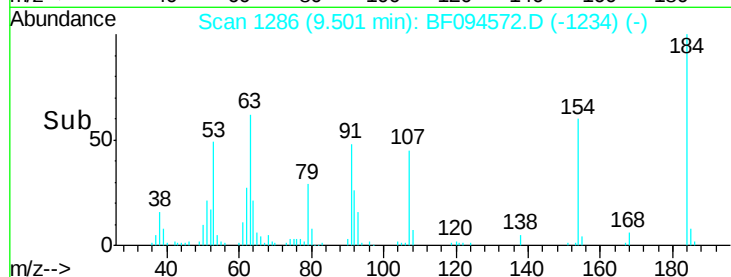
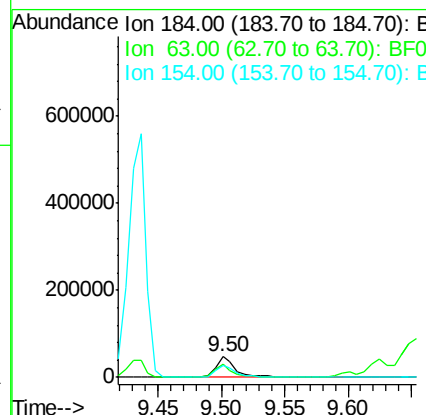
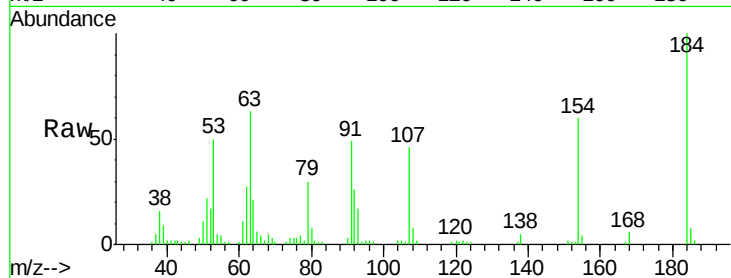
#53
 2,4-Dinitrophenol
 Concen: 31.66 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.1	62.7	94.1
154	60.3	81.1	121.7

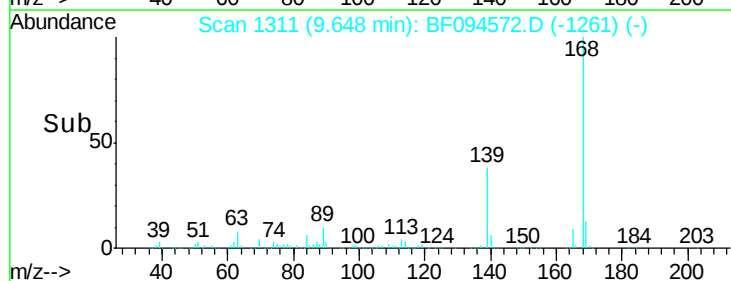
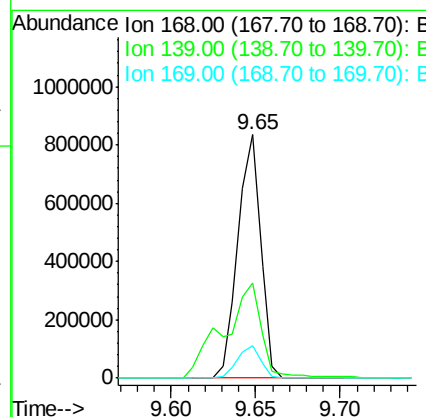
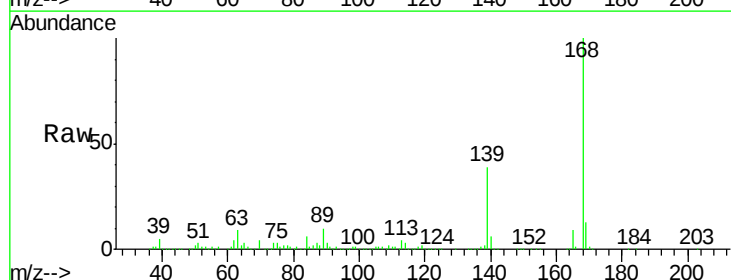
Manual Integrations
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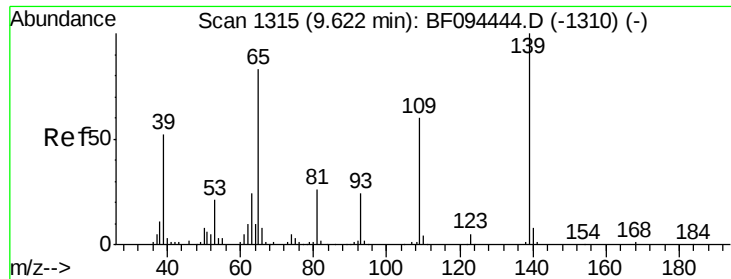
mohammad
 4/24/2017 5:13:26 PM



#54
 Dibenzofuran
 Concen: 42.51 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.6	45.8
169	13.2	10.8	16.2





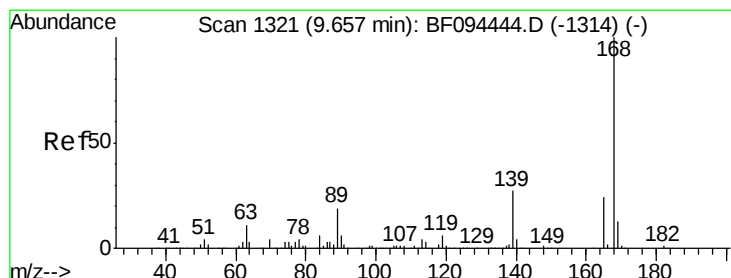
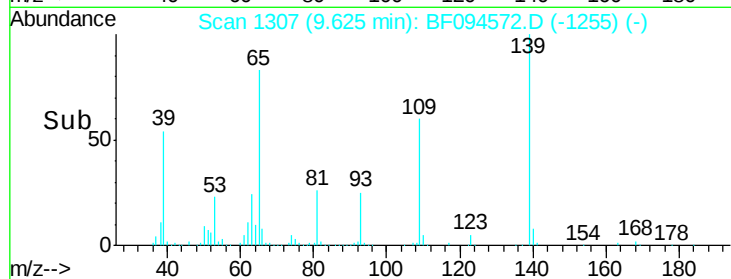
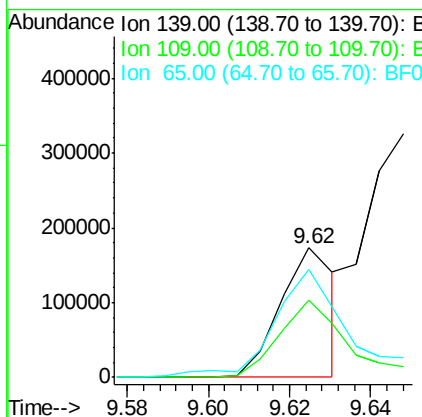
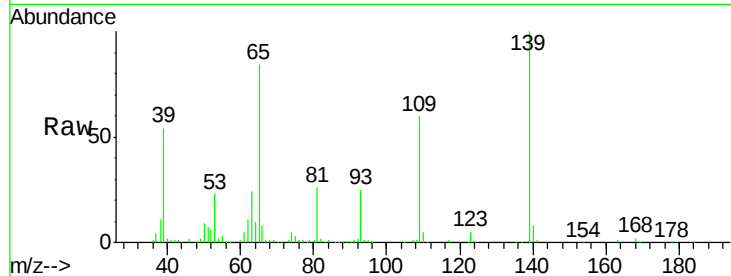
#55
4-Nitrophenol
Concen: 57.04 ng/ml
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.0	34.1	74.1
65	83.5	31.4	71.4

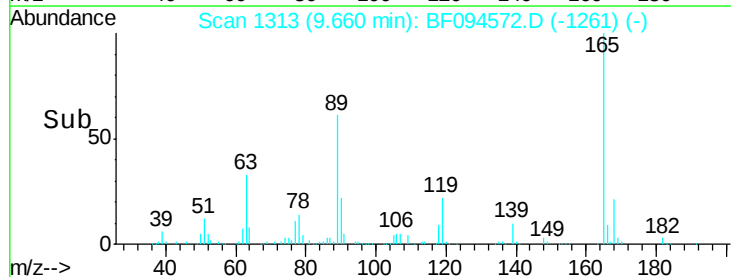
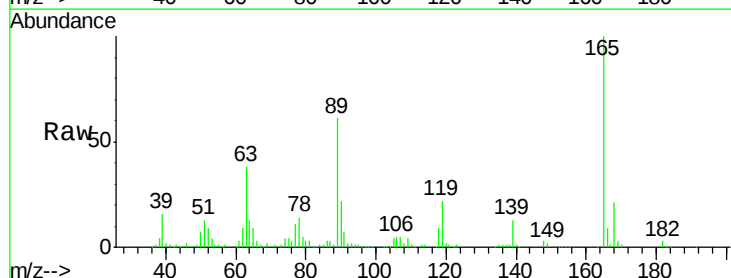
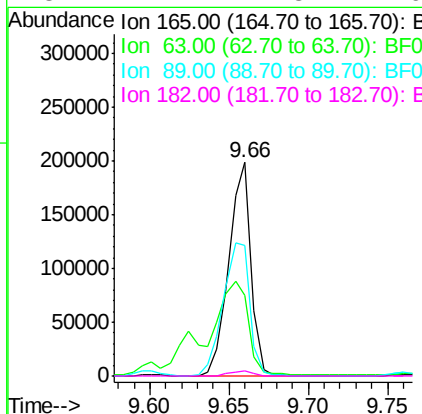
Manual Integrations
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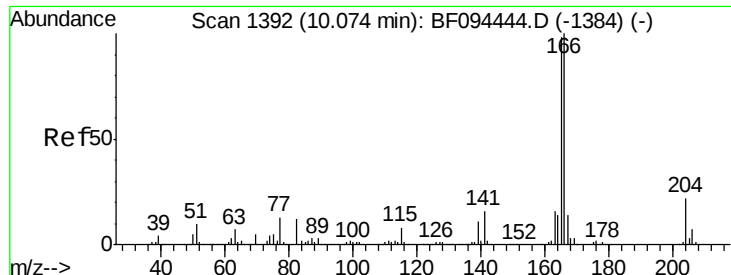
mohammad
4/24/2017 5:13:26 PM



#56
2,4-Dinitrotoluene
Concen: 44.78 ng/ml
RT: 9.66 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.0	25.4	38.0
89	61.4	46.4	69.6
182	2.7	1.8	2.6





#57

Fluorene

Concen: 42.40 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

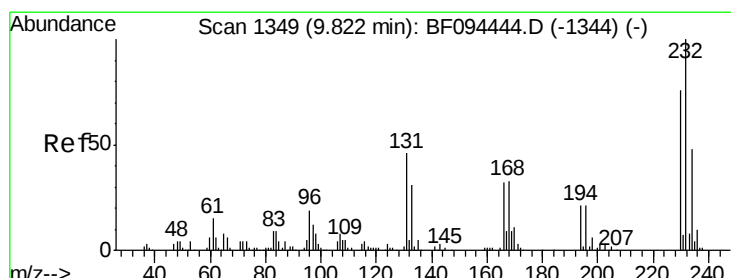
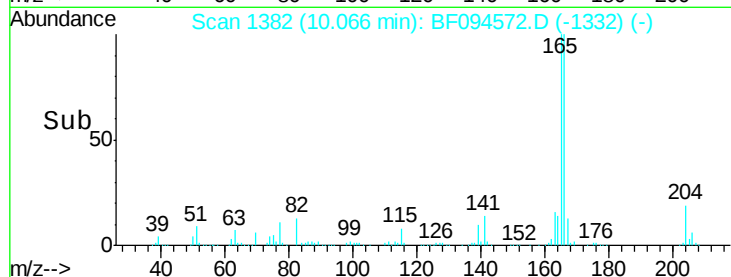
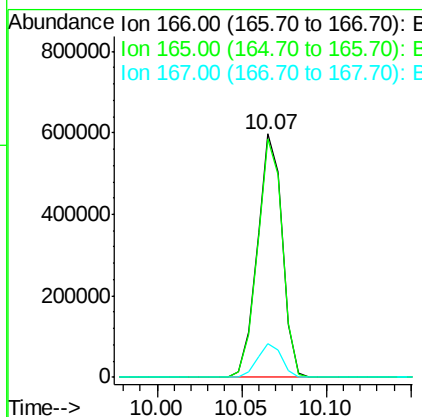
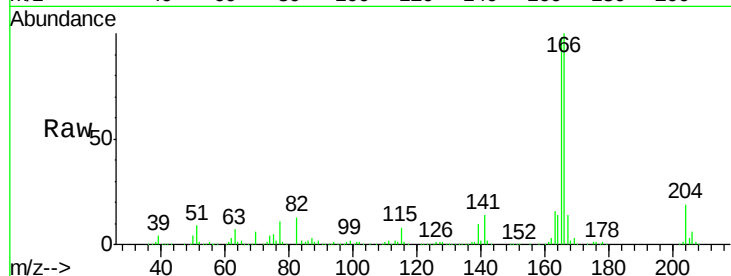
ClientSampleId :

BL-1(3)MSD

Tot Ion:	166	Resp:	609651
Ion Ratio		Lower	Upper
166	100		
165	98.2	78.8	118.2
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.31 ng

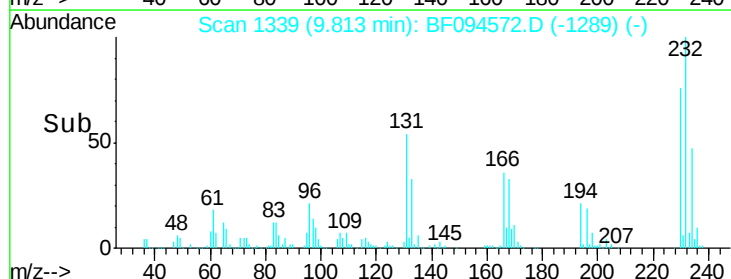
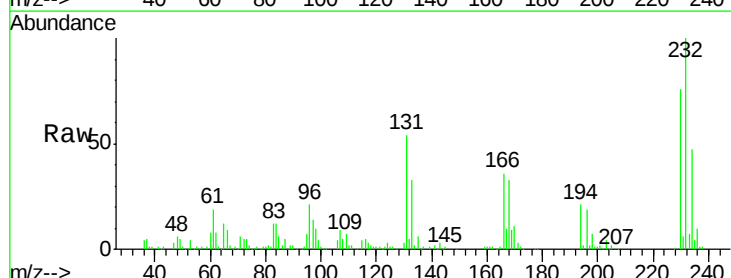
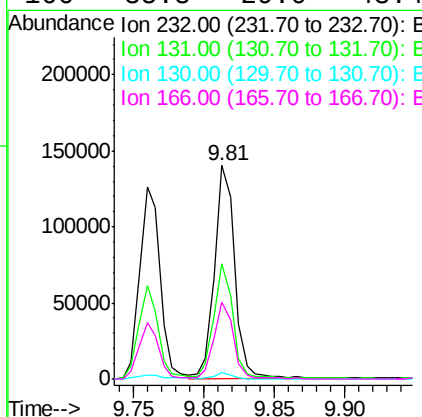
RT: 9.81 min Scan# 1339

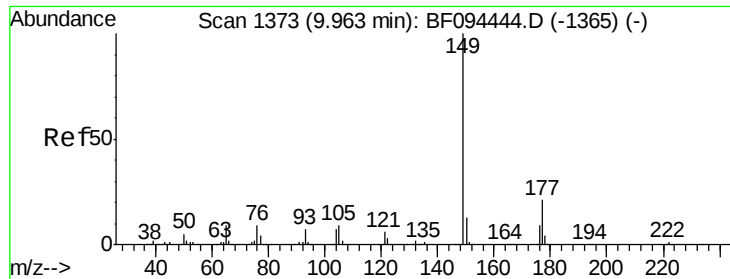
Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	232	Resp:	139666
Ion Ratio		Lower	Upper
232	100		
131	51.6	44.8	67.2
130	2.6	2.3	3.5
166	35.8	29.0	43.4





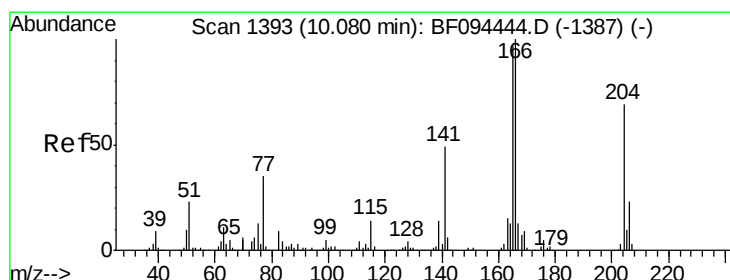
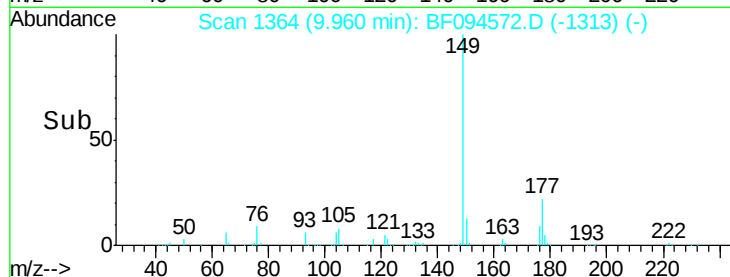
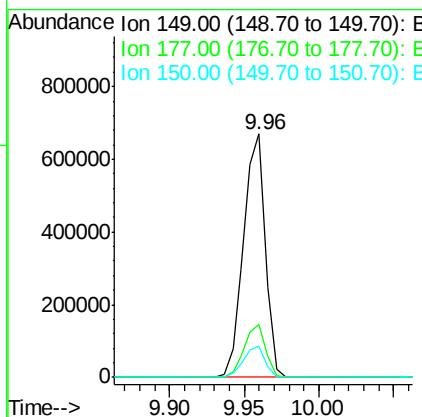
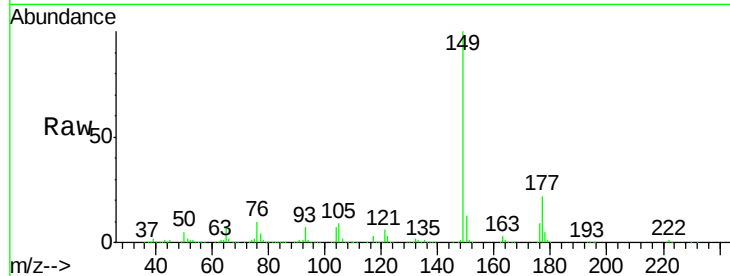
#59
Diethylphthalate
Concen: 46.08 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.6	10.2	15.2

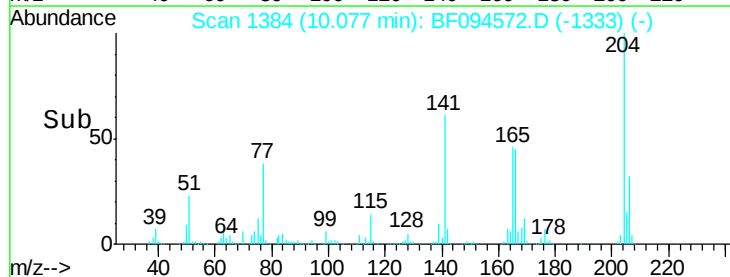
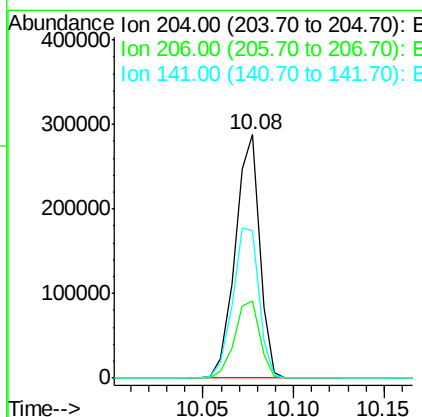
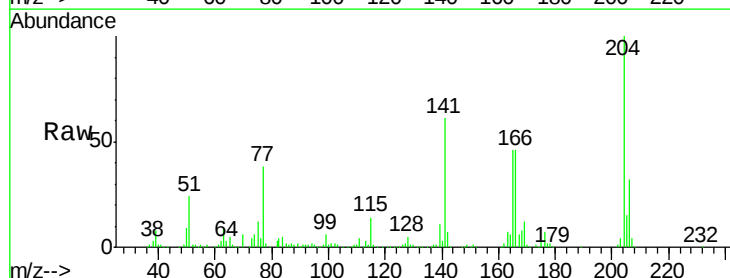
Manual Integrations
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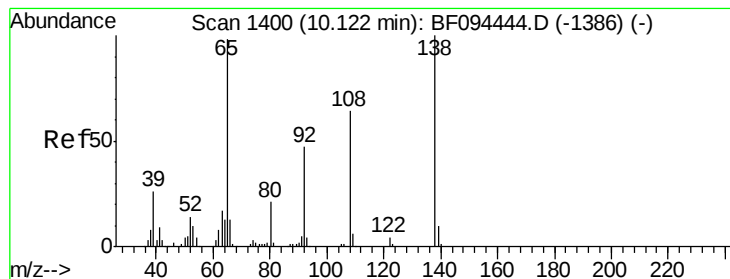
mohammad
4/24/2017 5:13:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.94 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.2	39.2
141	60.9	60.8	91.2





#61

4-Nitroaniline

Concen: 35.10 ng

RT: 10.11 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

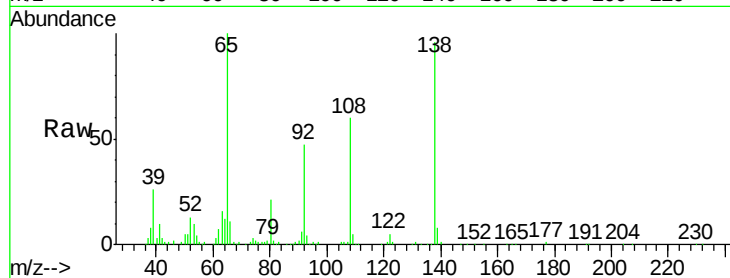
ClientSampleId :

BL-1(3)MSD

Tot Ion:	138	Resp:	144634
Ion Ratio	Lower	Upper	
138	100		
92	48.9	21.8	61.8
108	62.8	42.3	82.3

Manual Integrations
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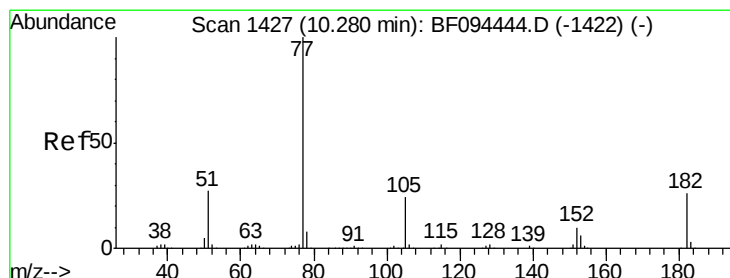
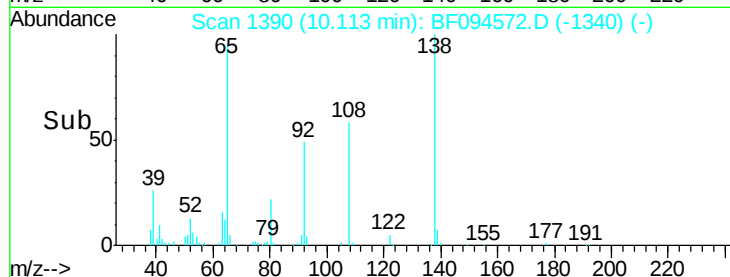
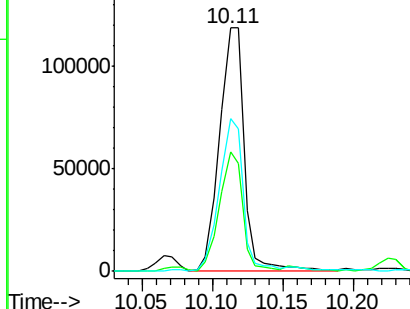
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.69 ng

RT: 10.27 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

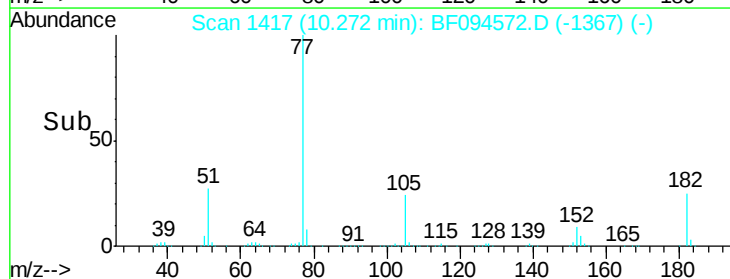
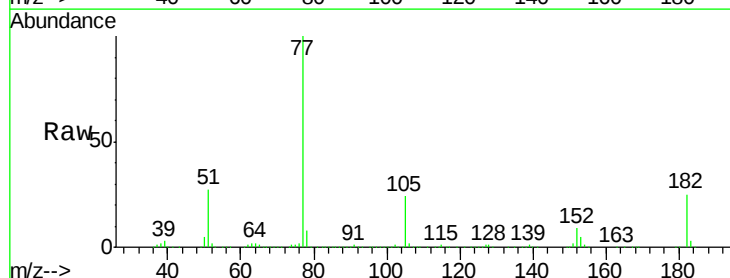
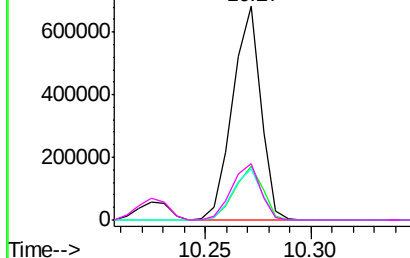
Tgt Ion:	77	Resp:	624655
Ion Ratio	Lower	Upper	
77	100		
182	25.4	0.1	40.1
105	23.9	3.6	43.6
51	26.6	9.4	49.4

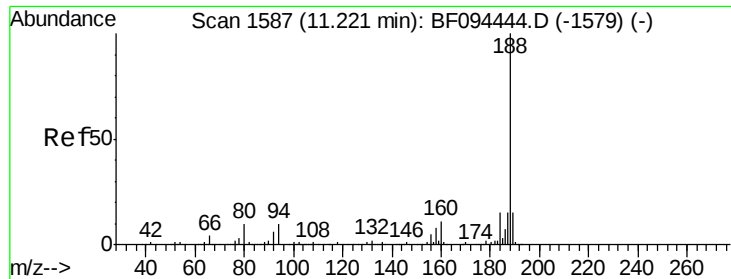
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

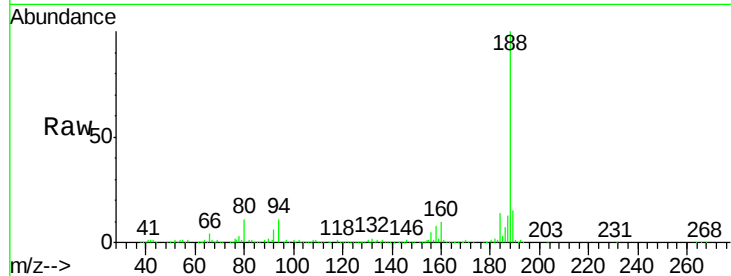
ClientSampleId :

BL-1(3)MSD

Tot Ion:	188	Resp:	362630
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2

Manual Integrations
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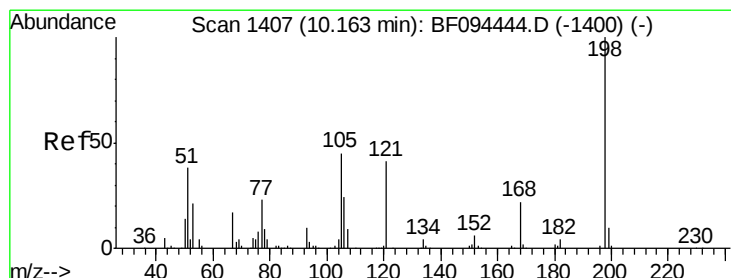
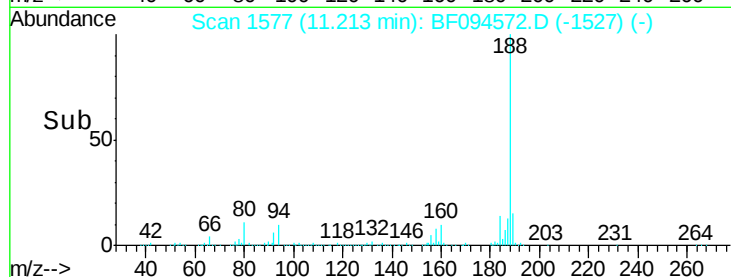
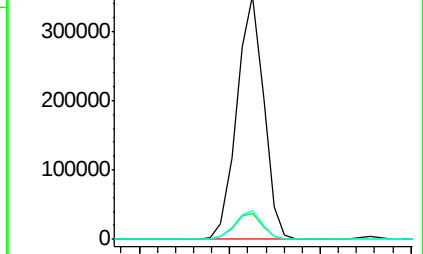
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 20.61 ng

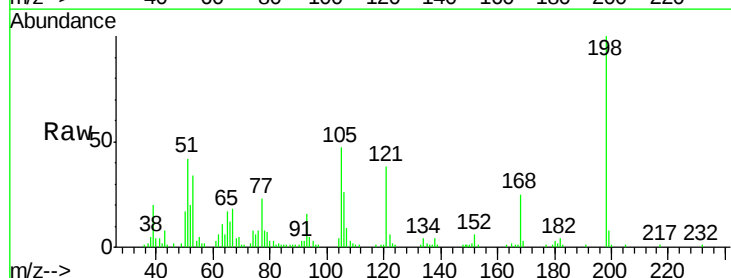
RT: 10.16 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

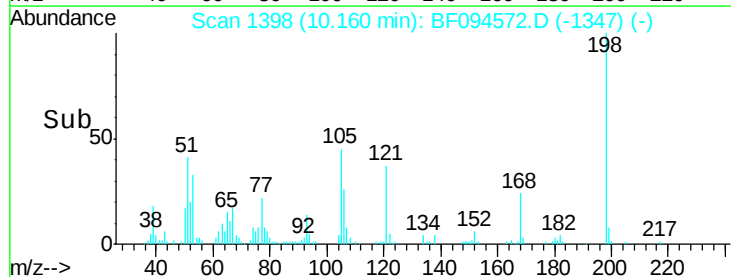
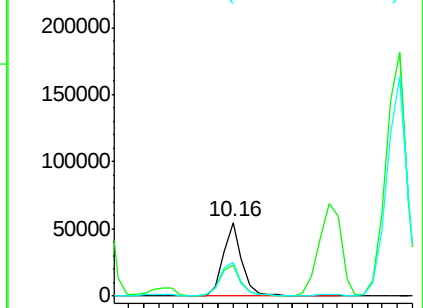
Tgt Ion:	198	Resp:	48965
Ion Ratio	Lower	Upper	
198	100		
51	41.7	53.2	93.2#
105	46.5	45.8	85.8

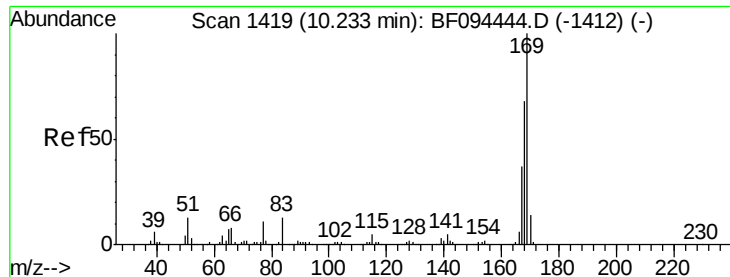


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





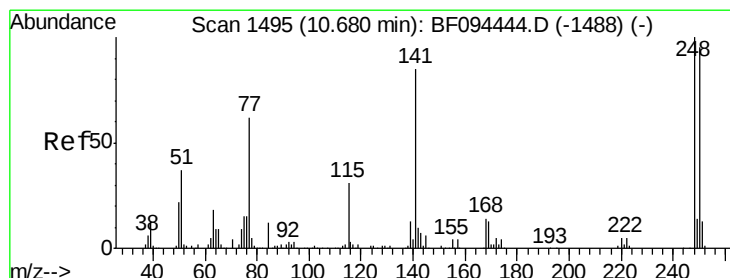
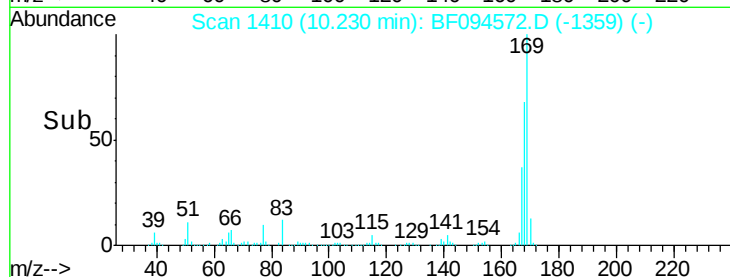
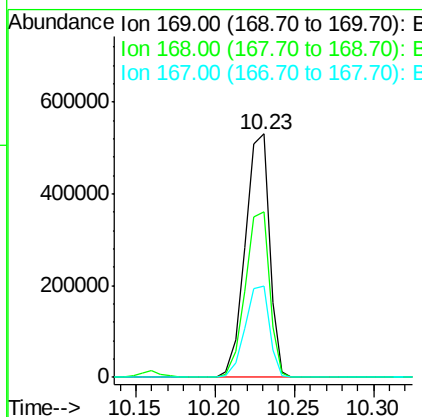
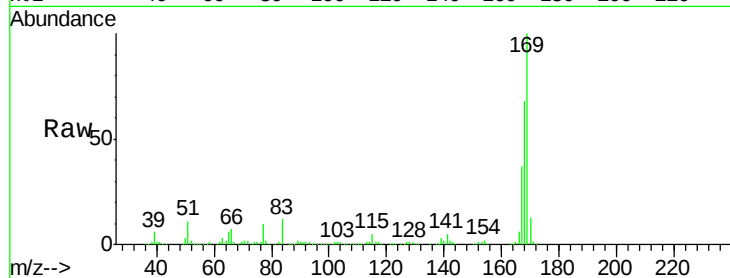
#65
 n-Nitrosodiphenylamine
 Concen: 44.76 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.2	79.8
167	37.3	29.5	44.3

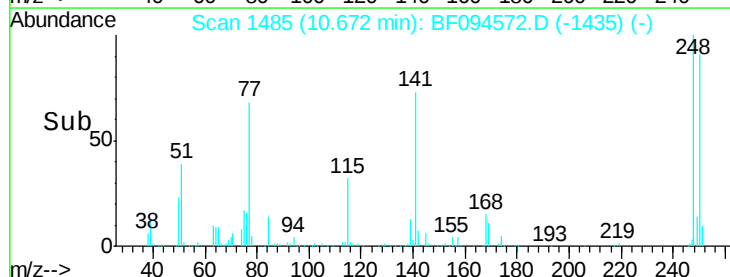
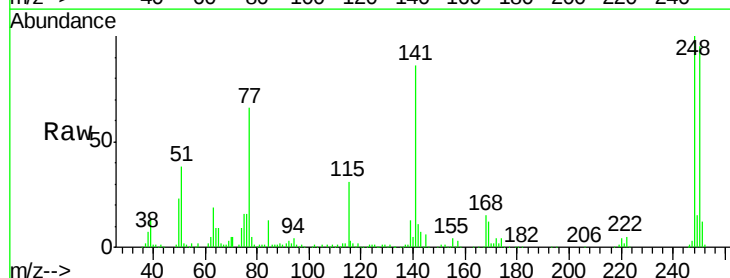
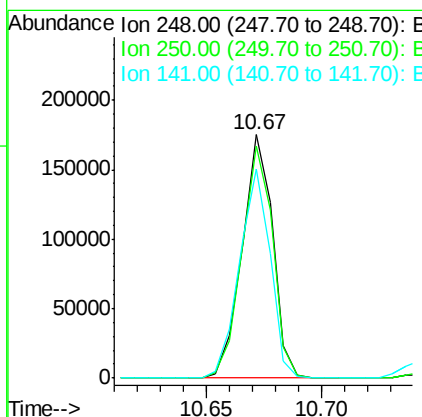
Manual Integrations
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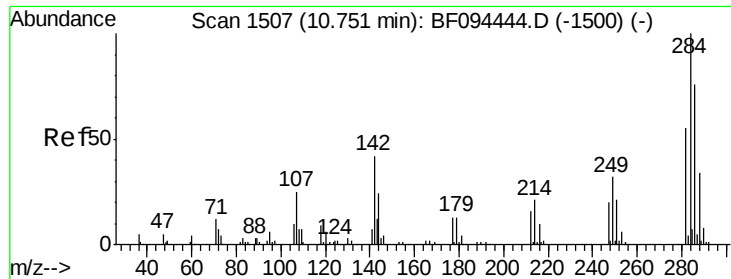
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#66
 4-Bromophenyl-phenylether
 Concen: 45.13 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.8	115.2
141	86.0	68.6	103.0





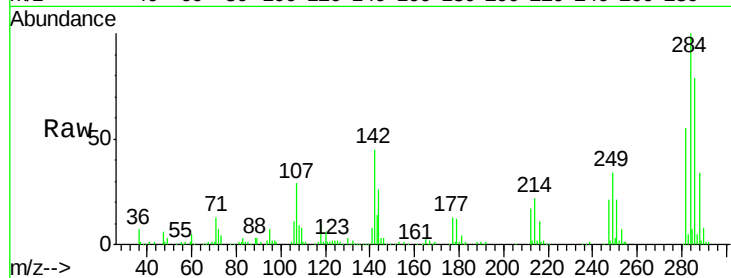
#67
Hexachlorobenzene
Concen: 42.97 ng
RT: 10.74 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

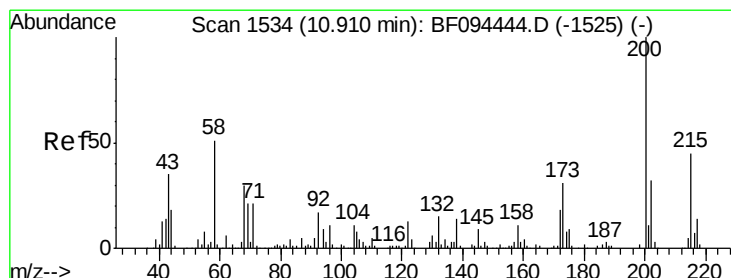
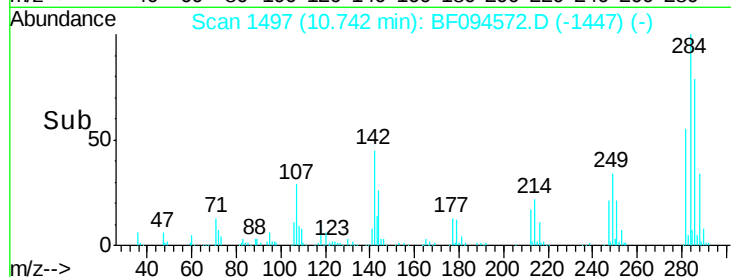
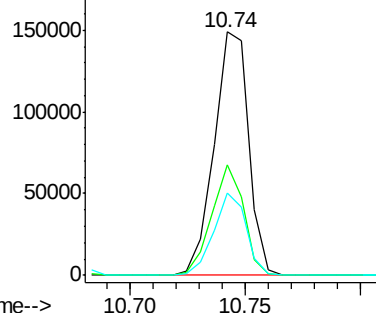
Tot Ion	Ratio	Resp	Lower	Upper
284	100	155913		
142	45.2	22.8	34.2	#
249	33.8	24.0	36.0	

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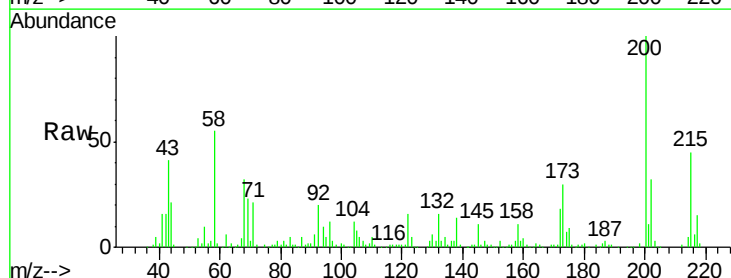


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

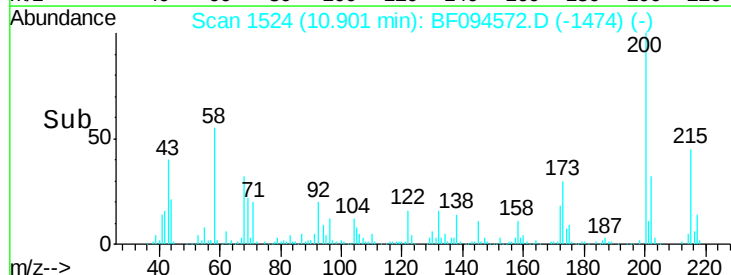
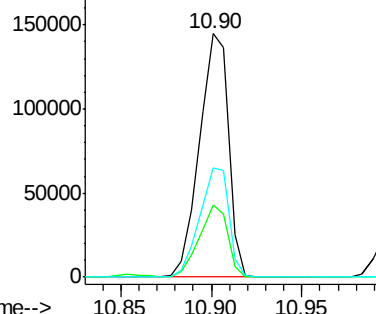


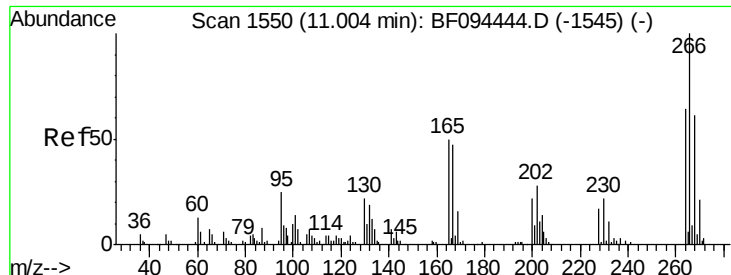
#68
Atrazine
Concen: 42.85 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161668		
173	29.9	6.3	46.3	
215	45.1	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





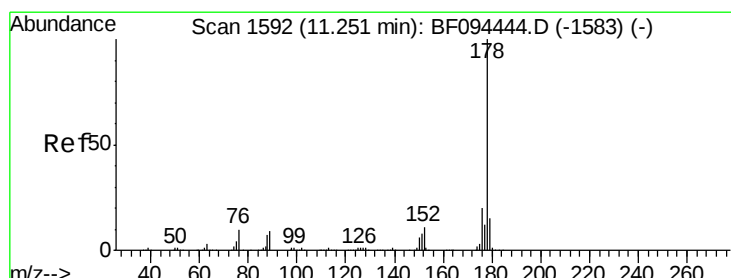
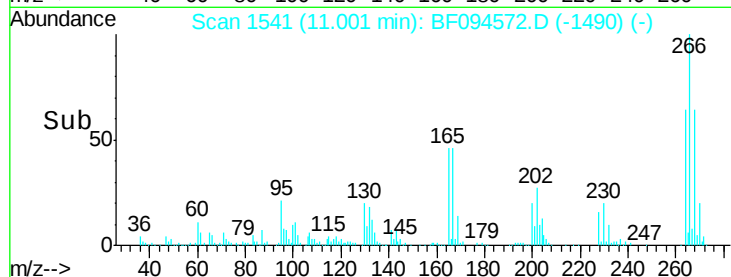
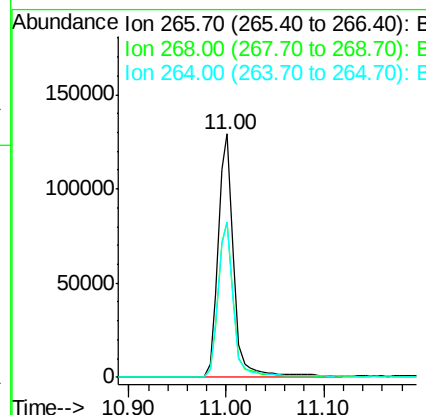
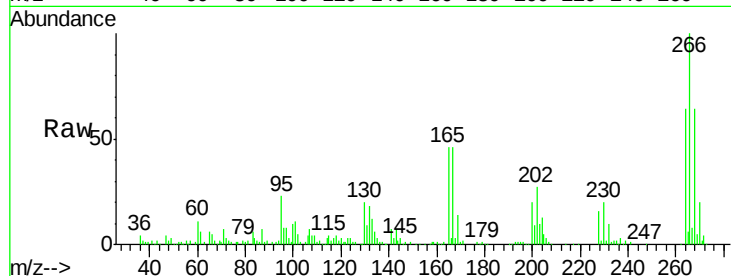
#69
 Pentachlorophenol
 Concen: 100.38 ng
 RT: 11.00 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

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

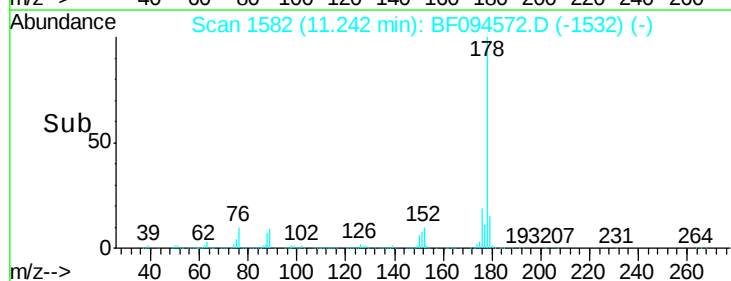
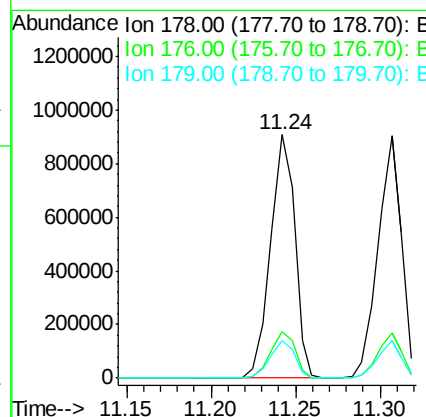
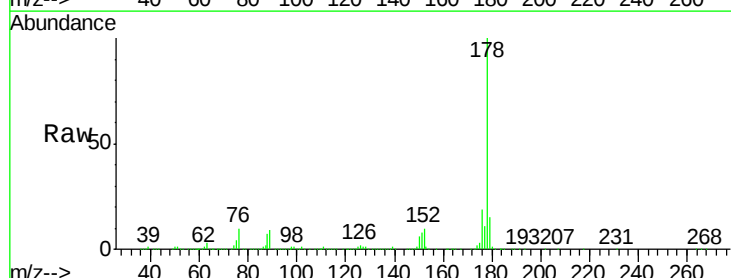
Manual Integrations
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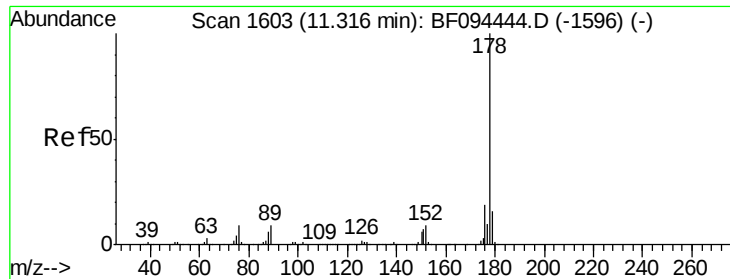
mohammad
 4/24/2017 5:13:26 PM



#70
 Phenanthrene
 Concen: 44.60 ng
 RT: 11.24 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.3	12.6	19.0





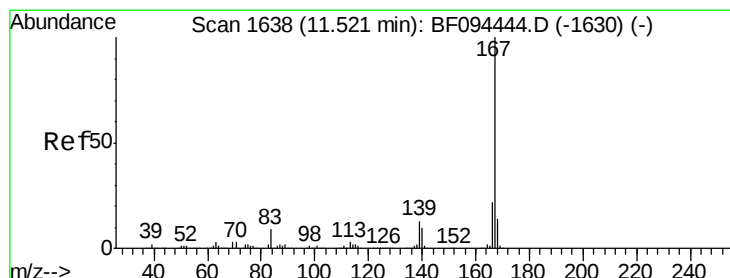
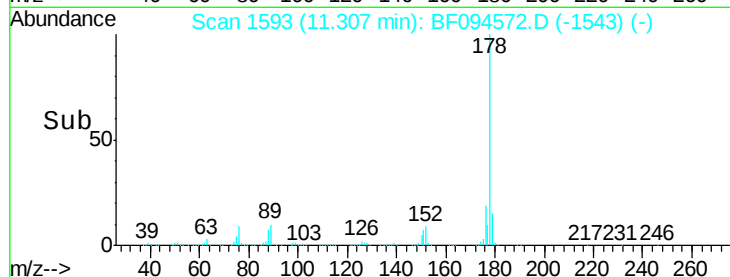
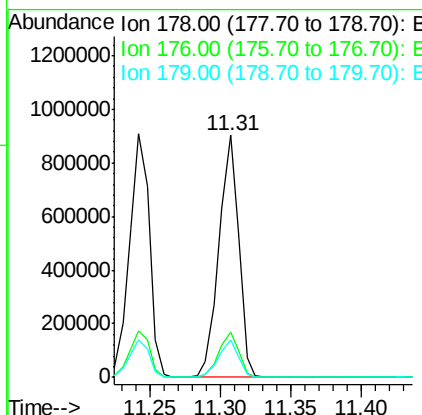
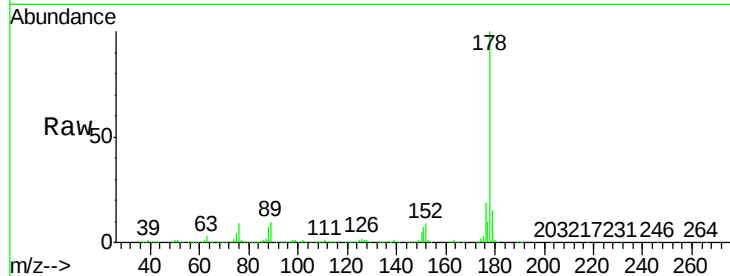
#71
 Anthracene
 Concen: 41.77 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.5	12.7	19.1

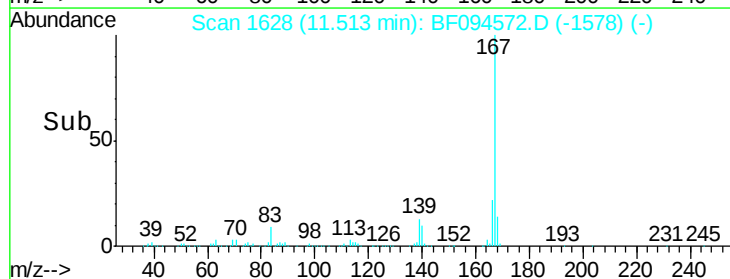
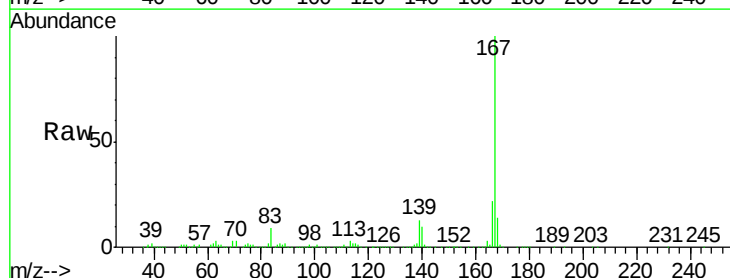
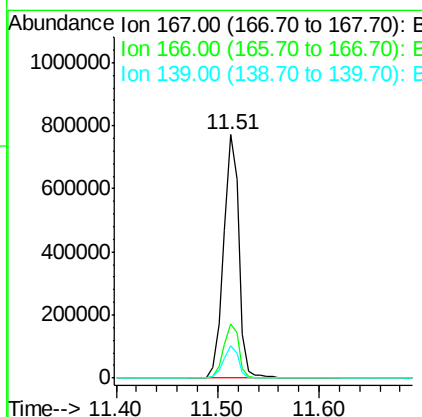
Manual Integrations
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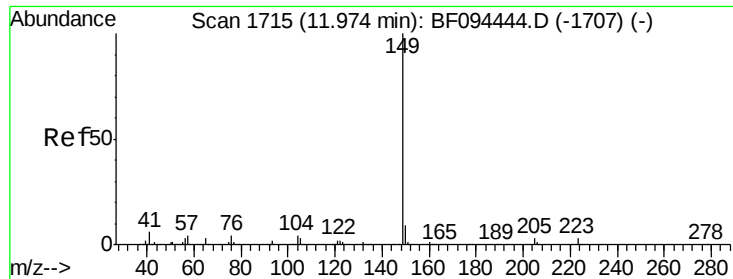
mohammad
 4/24/2017 5:13:26 PM



#72
 Carbazole
 Concen: 40.58 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.3	11.7	17.5





#73

Di-n-butylphthalate

Concen: 48.57 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

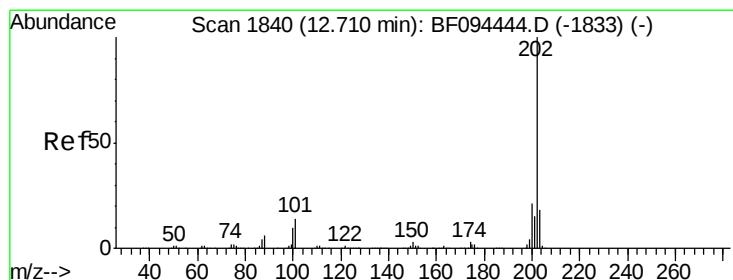
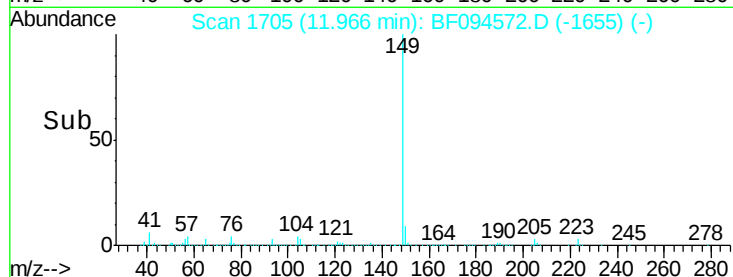
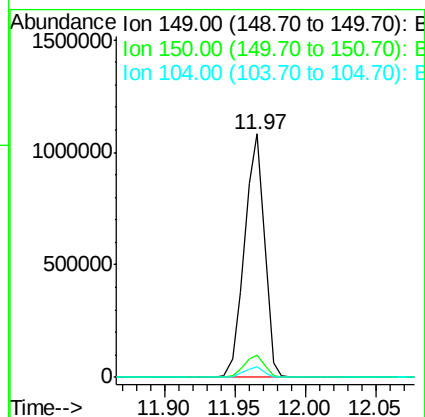
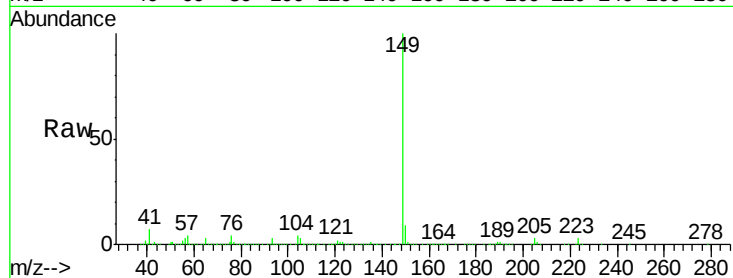
ClientSampleId :

BL-1(3)MSD

Tot Ion:	149	Resp:	1060172
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

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#74

Fluoranthene

Concen: 40.53 ng

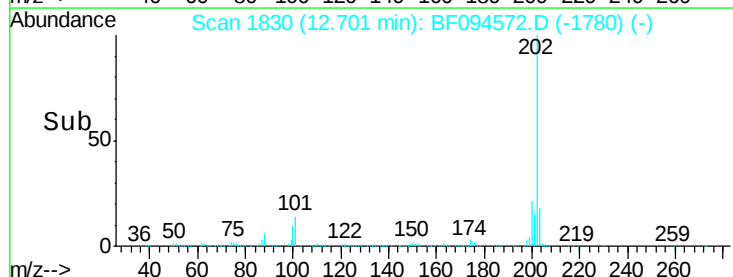
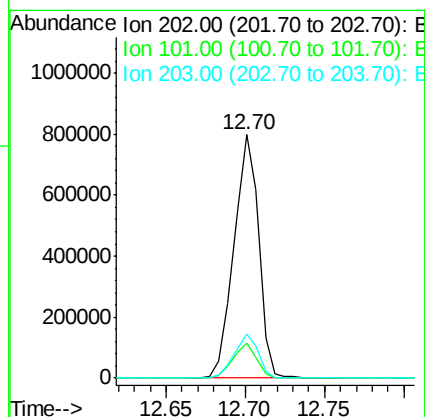
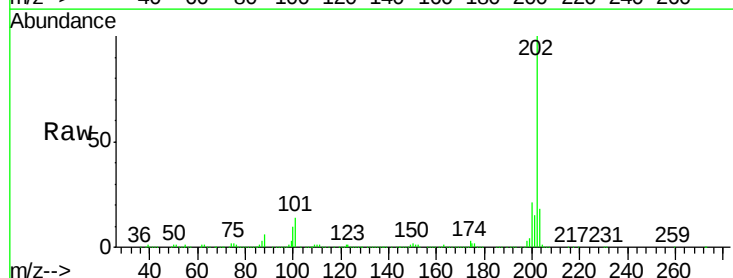
RT: 12.70 min Scan# 1830

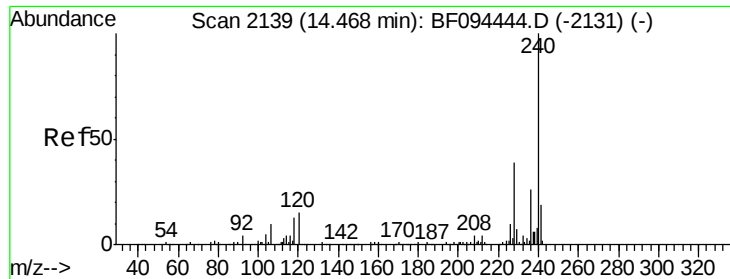
Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	202	Resp:	857852
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	17.8	0.0	38.1





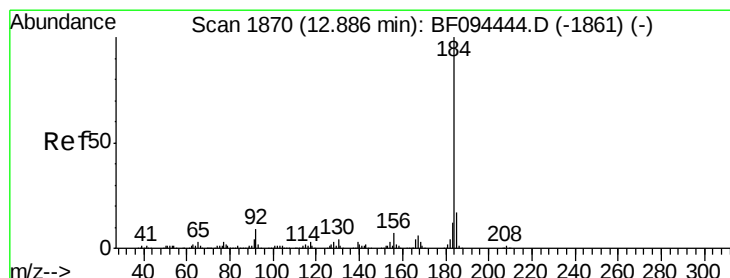
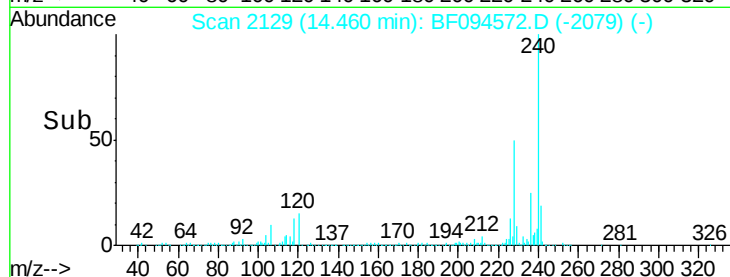
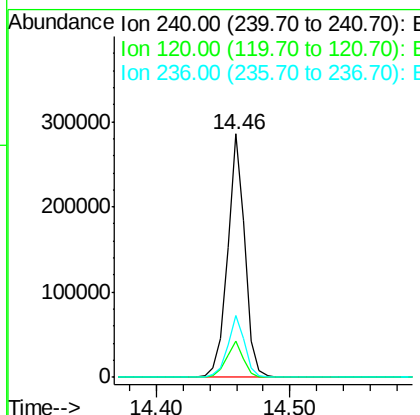
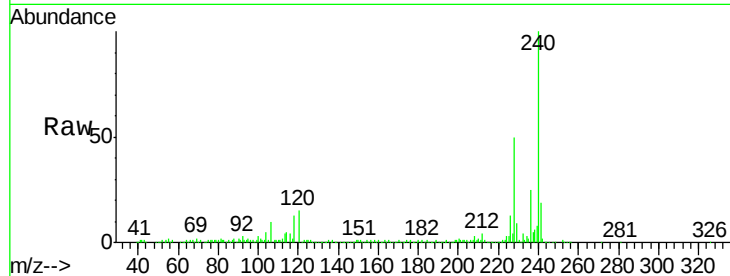
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.4	20.5	30.7

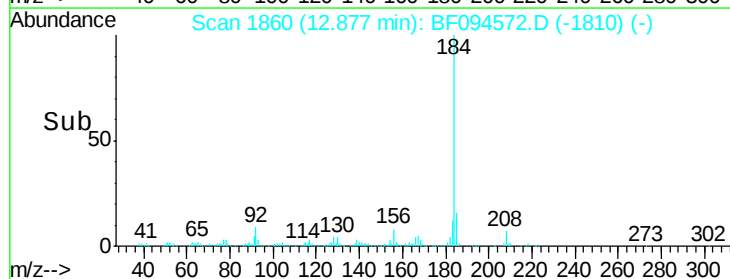
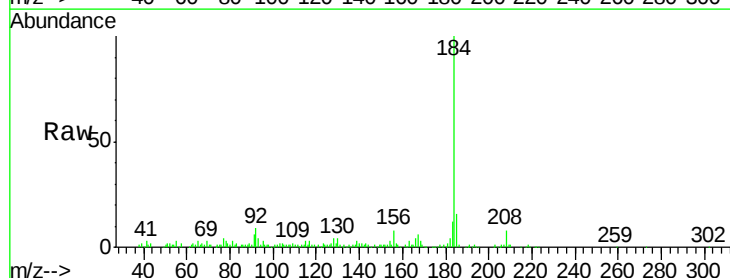
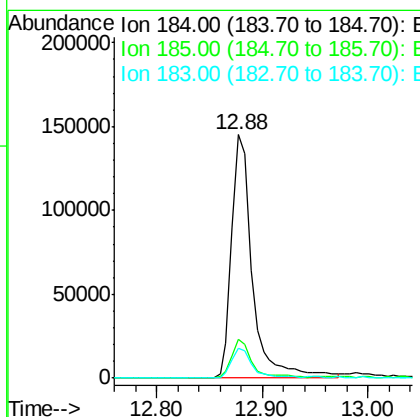
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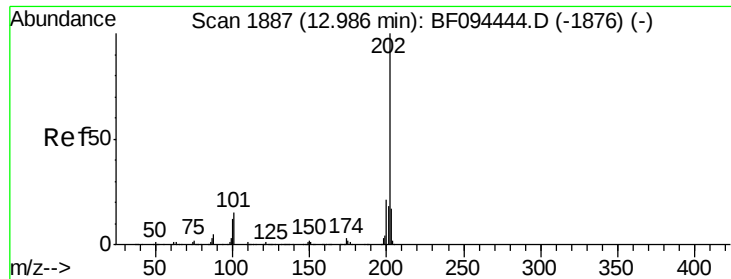
mohammad
4/24/2017 5:13:26 PM



#76
Benzidine
Concen: 18.80 ng
RT: 12.88 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.0	15.5	23.3
183	12.1	9.8	14.6





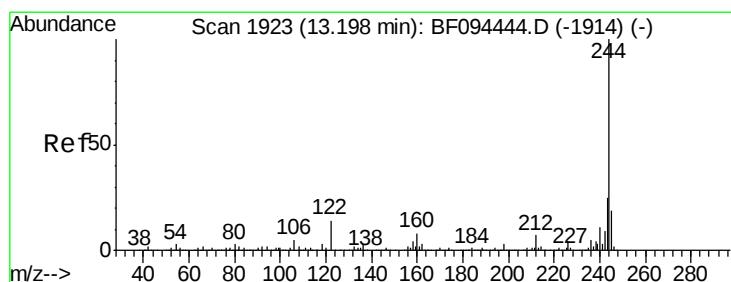
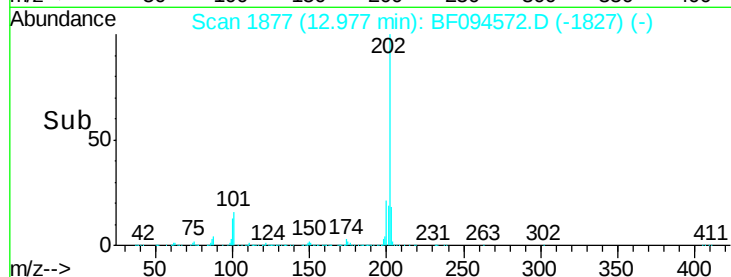
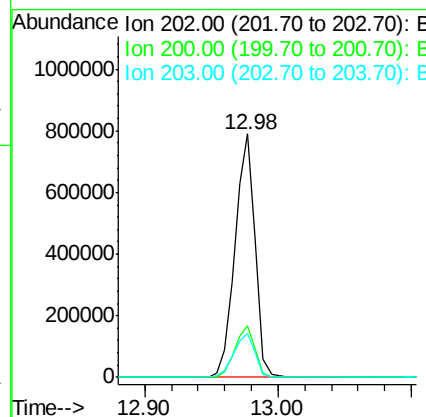
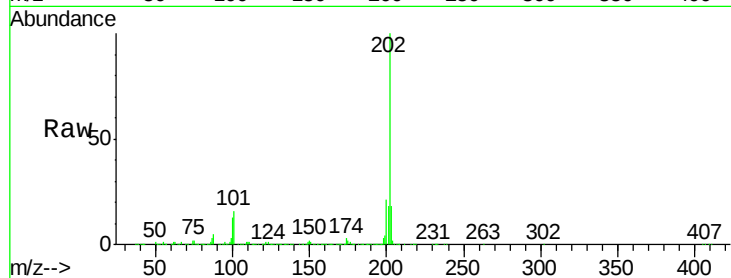
#77
Pvrene
Concen: 45.80 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6

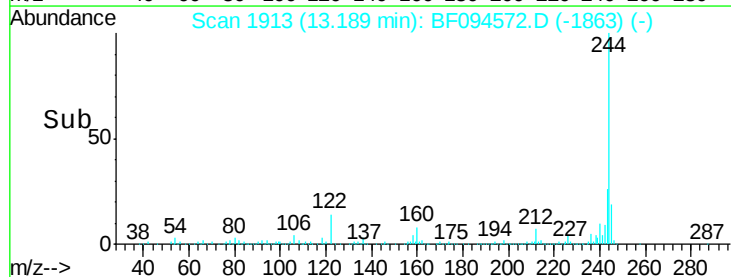
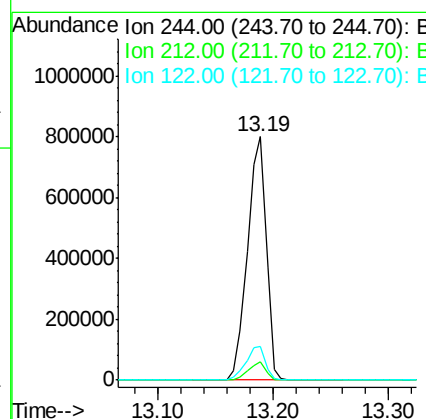
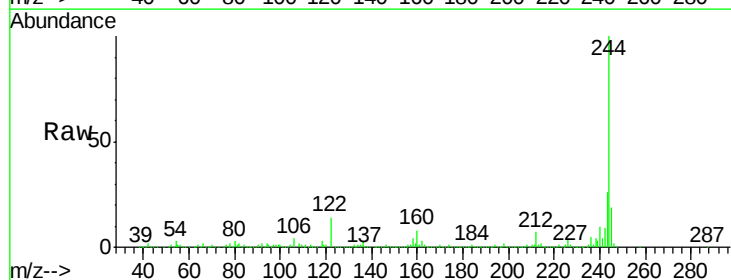
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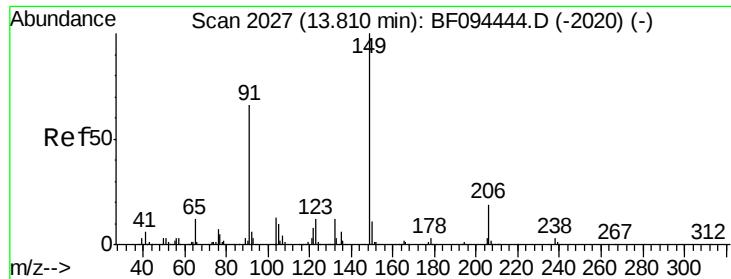
mohammad
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#78
Terphenyl-d14
Concen: 92.69 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5





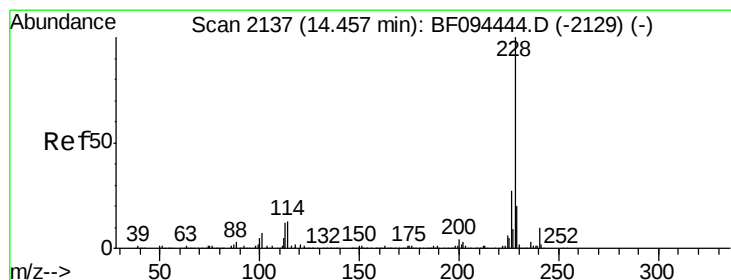
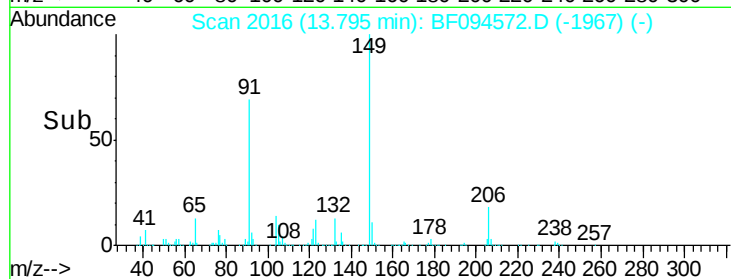
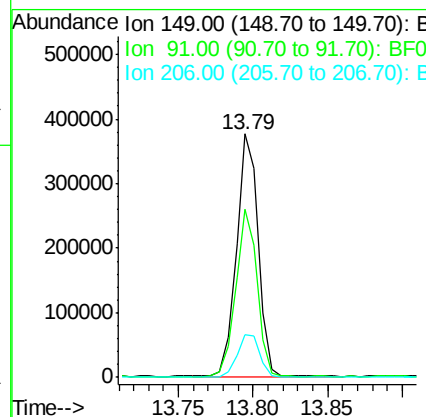
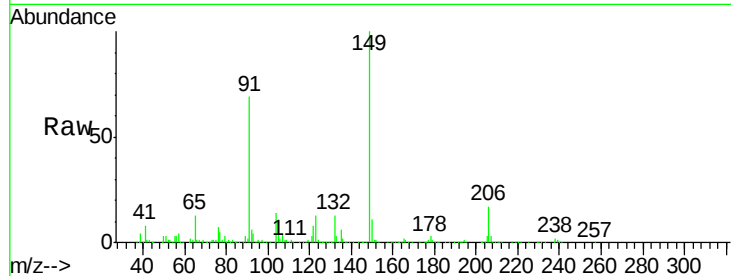
#79
Butylbenzylphthalate
Concen: 47.98 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
Client Sample ID :
BL-1(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	382171		
91	69.2	45.0	67.4#	
206	17.5	17.0	25.6	

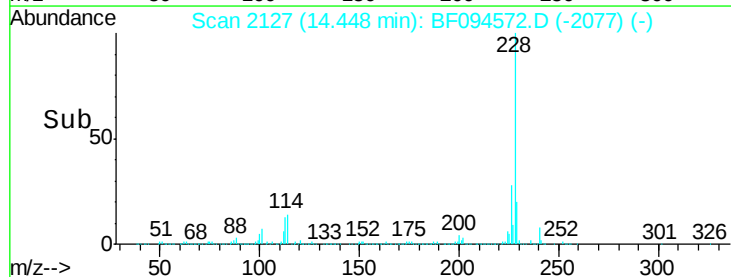
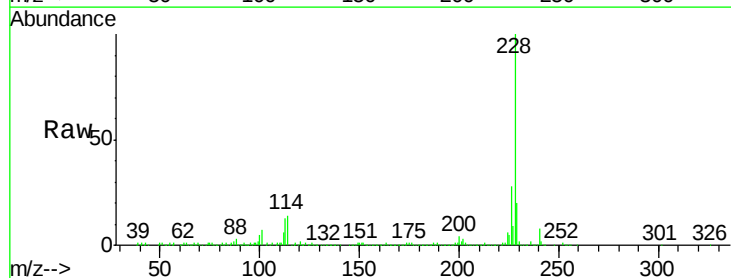
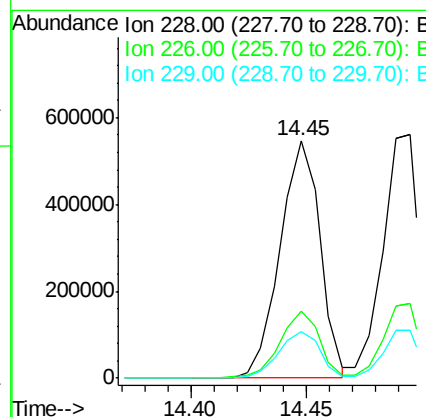
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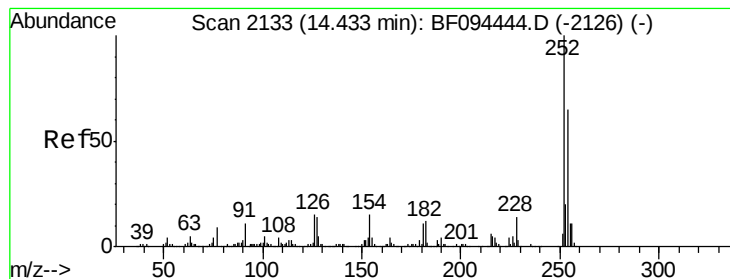
mohammad
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#80
Benzo(a)anthracene
Concen: 43.36 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	655595		
226	27.9	22.6	33.8	
229	19.7	16.3	24.5	





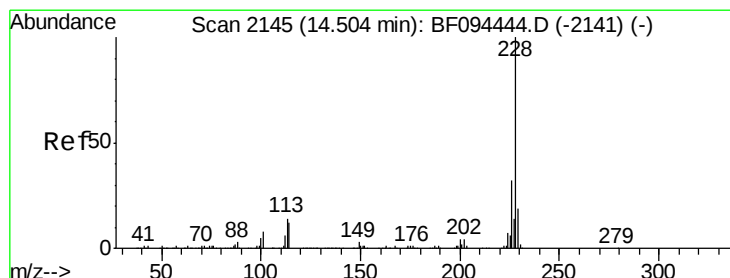
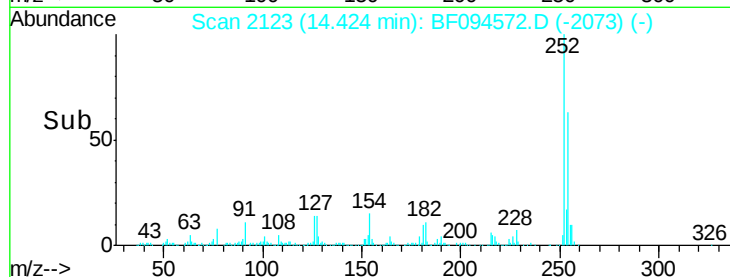
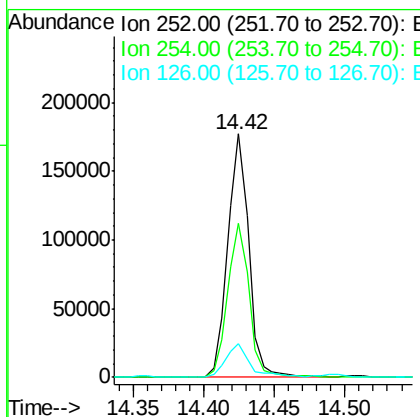
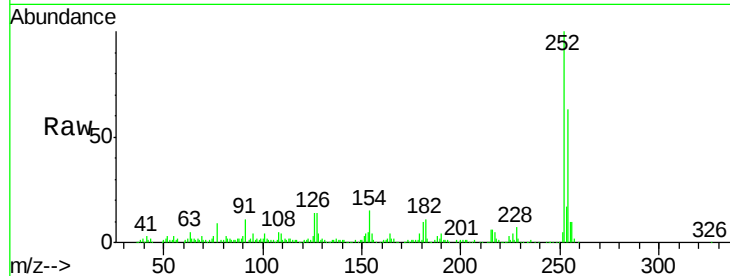
#81
 3,3'-Dichlorobenzidine
 Concen: 34.57 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	51.5	77.3
126	13.9	15.8	23.8

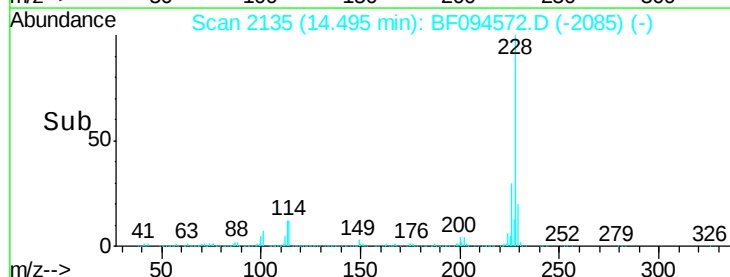
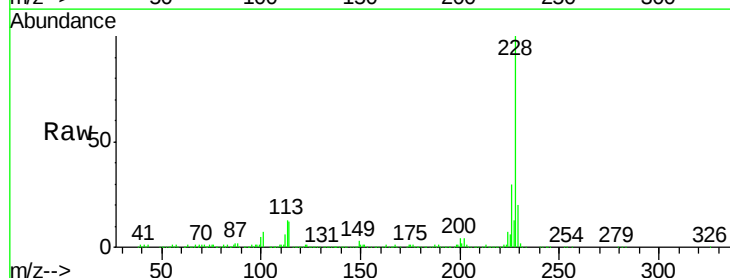
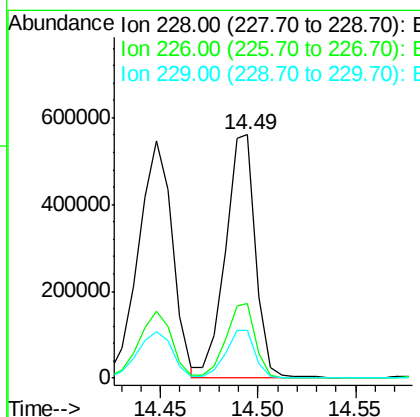
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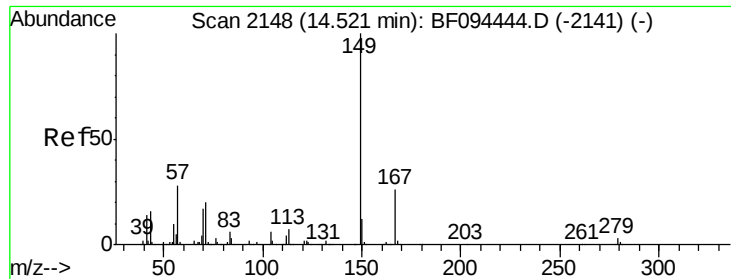
mohammad
 4/24/2017 5:13:26 PM



#82
 Chrysene
 Concen: 44.96 ng m
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.72 ng

RT: 14.51 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

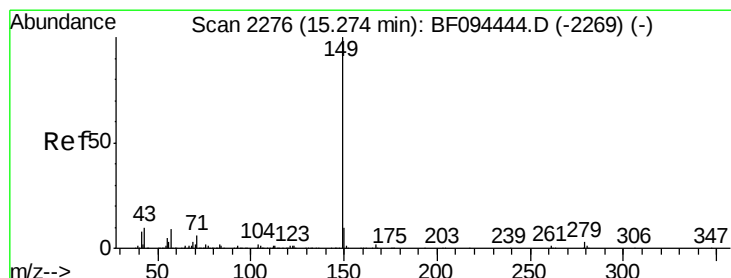
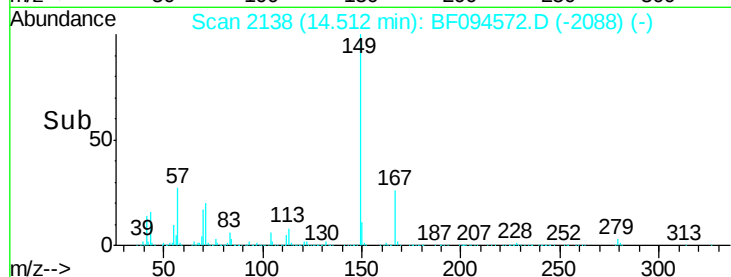
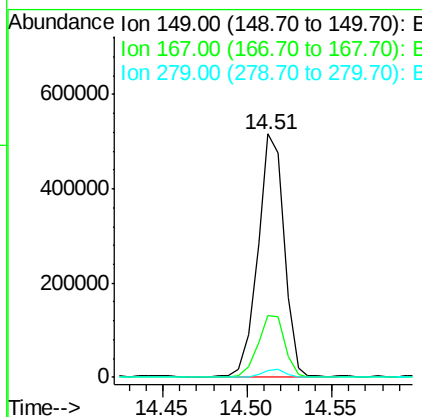
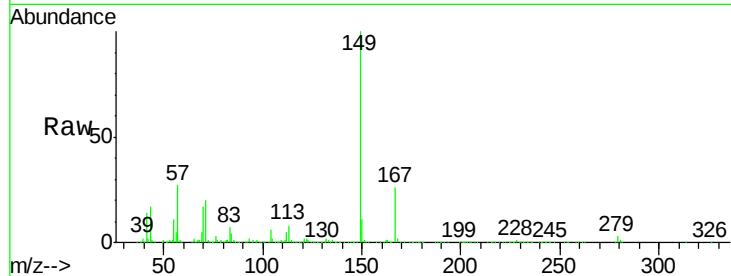
ClientSampleId :

BL-1(3)MSD

Tot Ion:	149	Resp:	553100
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.4
279	2.8	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 50.51 ng

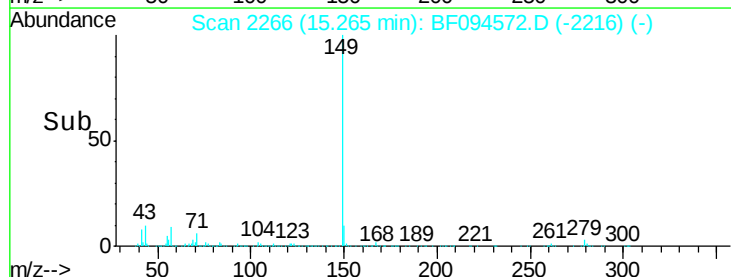
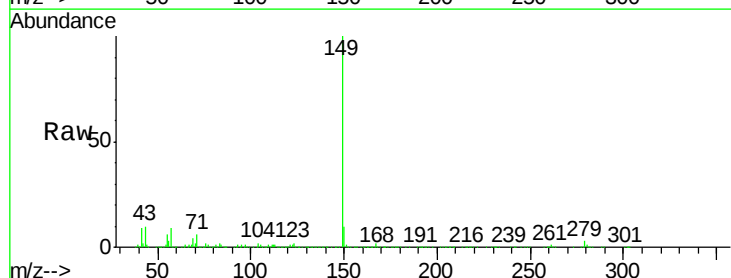
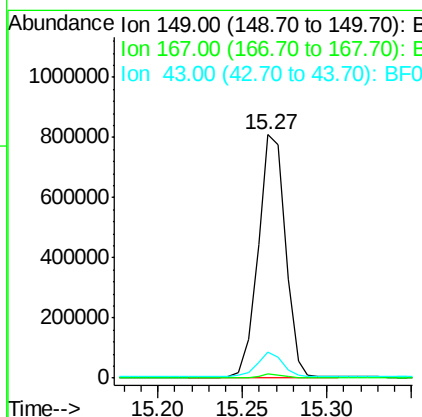
RT: 15.27 min Scan# 2266

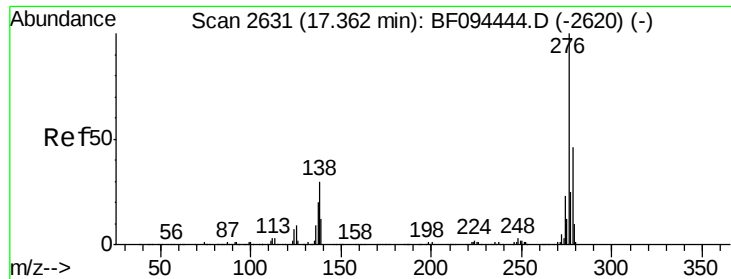
Delta R.T. -0.01 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	149	Resp:	905981
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.3	8.5	12.7





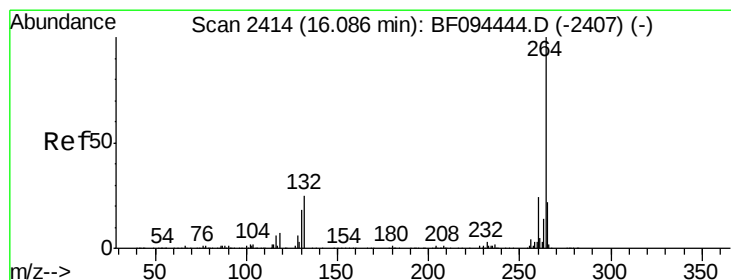
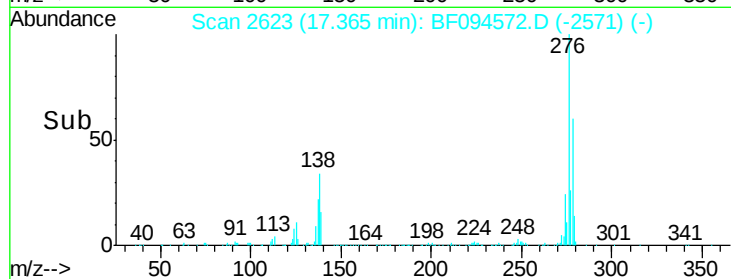
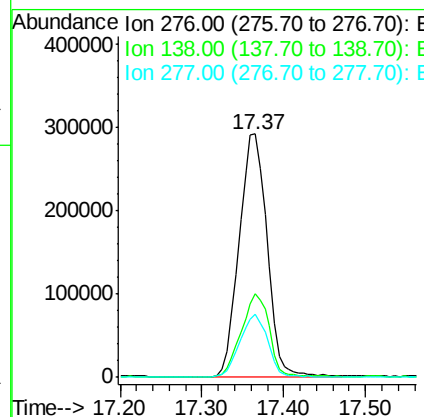
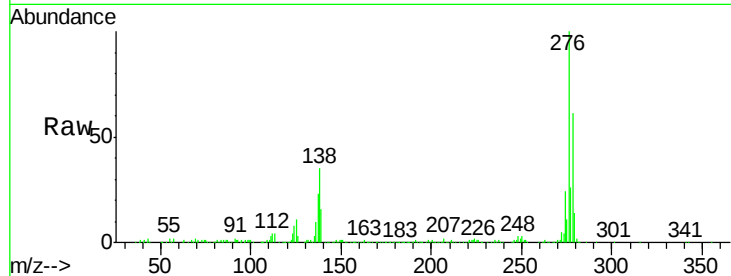
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.42 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	26.1	20.2	30.4

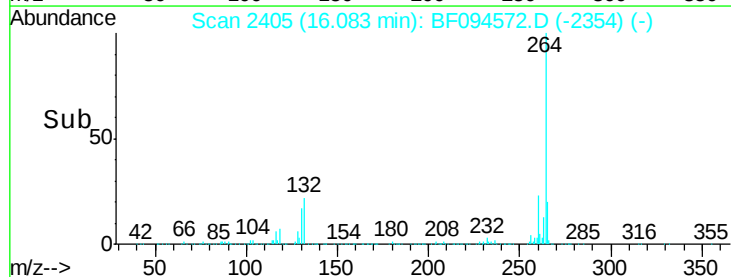
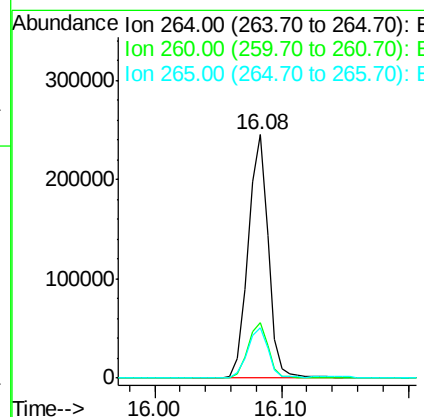
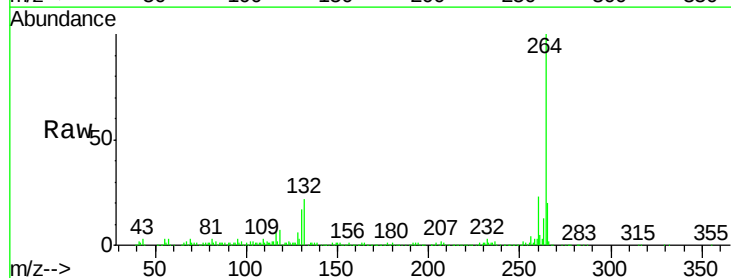
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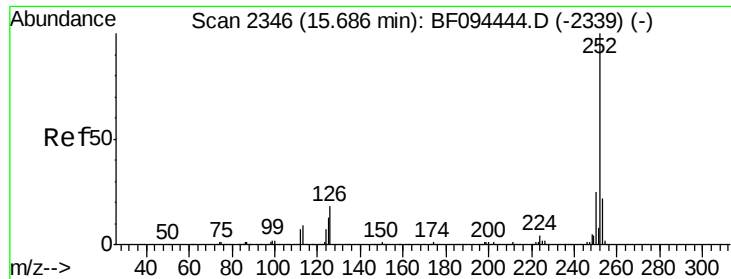
mohammad
 4/24/2017 5:13:26 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094572.D
 Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	20.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.13 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

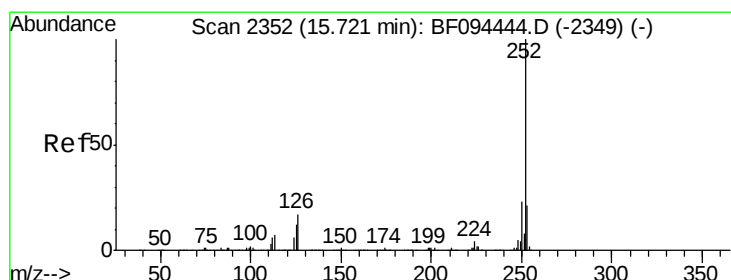
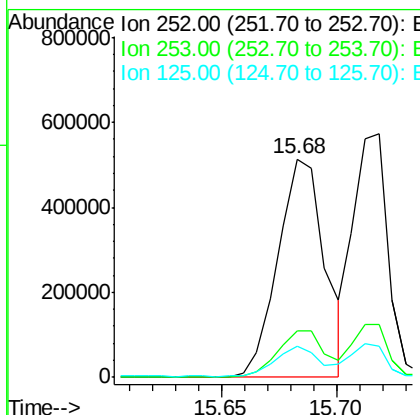
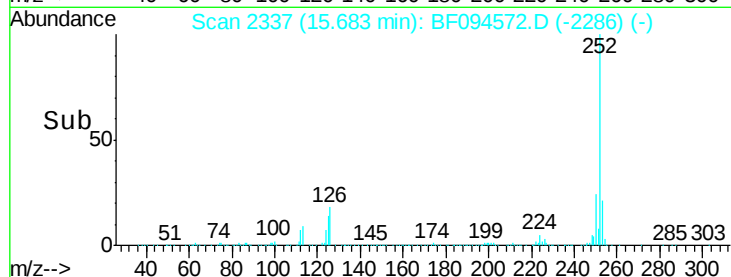
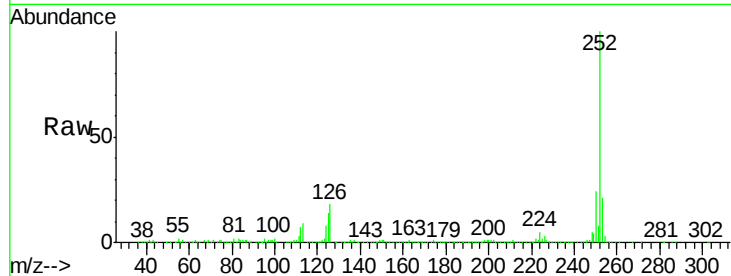
ClientSampleId :

BL-1(3)MSD

Tot Ion:	252	Resp:	725110
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	14.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 39.13 ng m

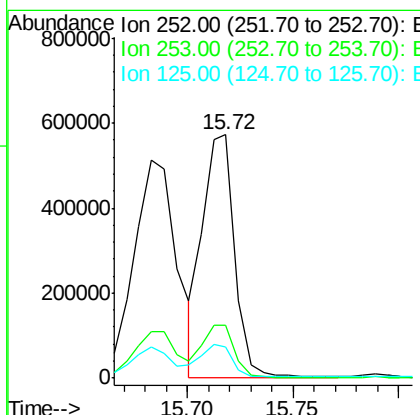
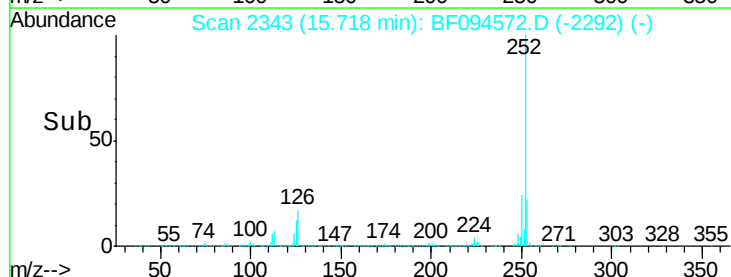
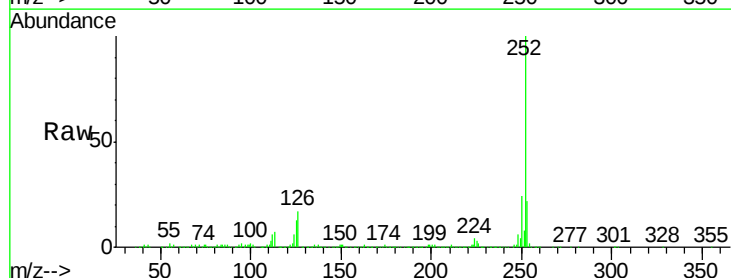
RT: 15.72 min Scan# 2343

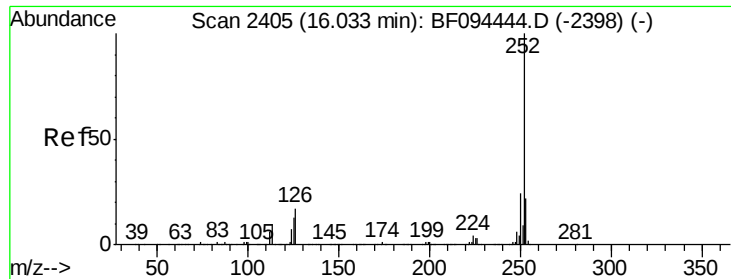
Delta R.T. -0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Tgt Ion:	252	Resp:	608515
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	12.6	13.1	19.7#





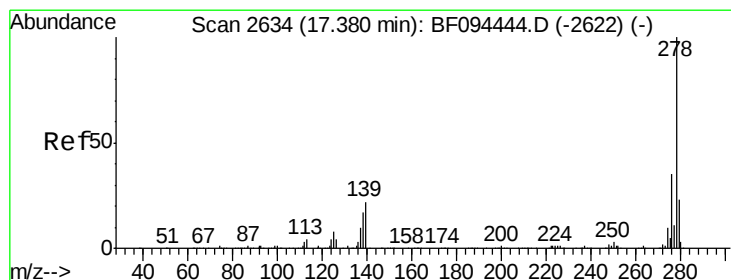
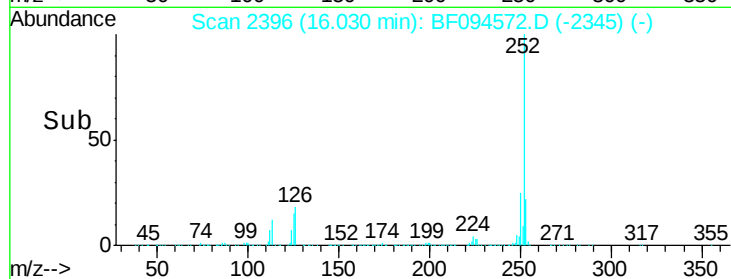
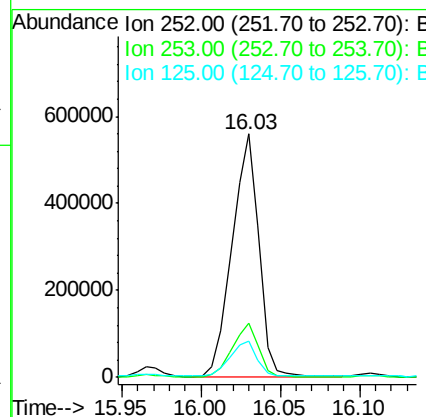
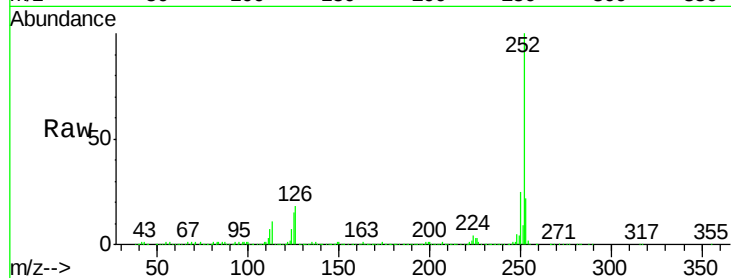
#89
Benzo(a)pyrene
Concen: 42.95 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.1	11.0	16.4

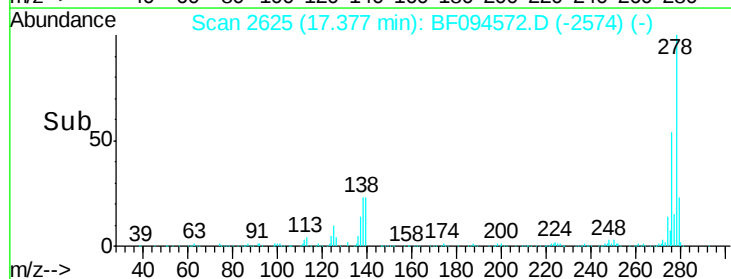
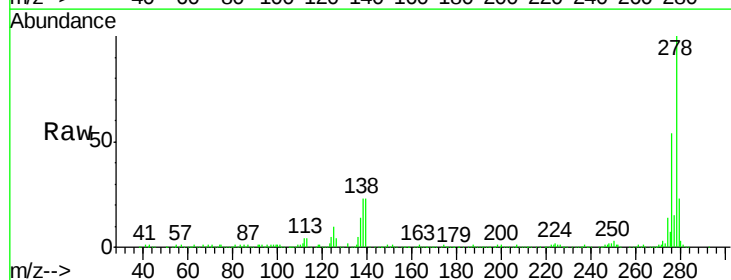
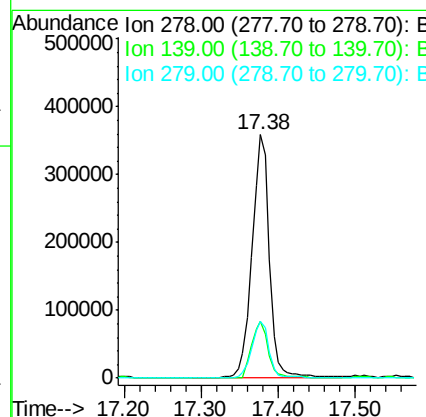
Manual Integrations
APPROVED

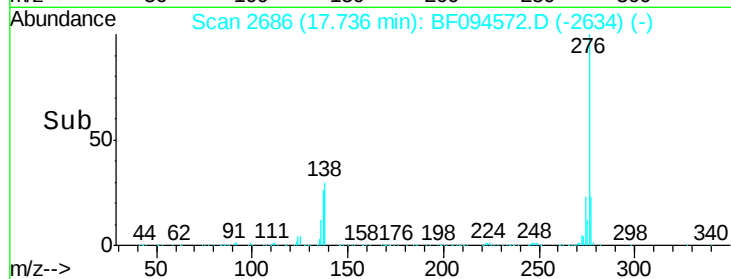
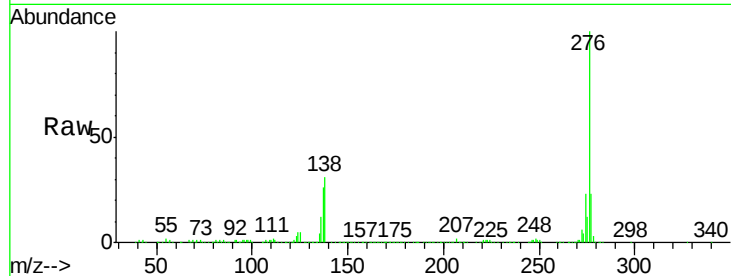
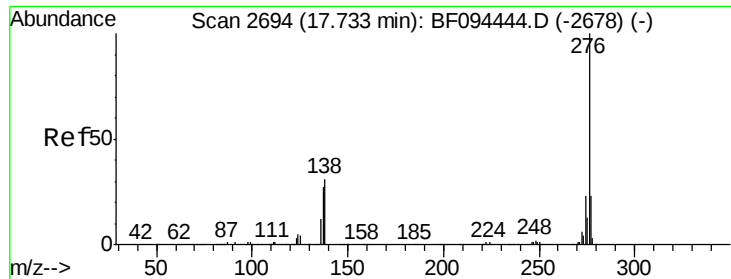
mohammad
4/24/2017 5:13:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.73 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094572.D
Acq: 21 Apr 2017 19:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	23.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 43.62 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF094572.D

Acq: 21 Apr 2017 19:42

Instrument :

BNA_F

ClientSampleId :

BL-1(3)MSD

Tot Ion:	276	Resp:	563716
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	30.5	25.4	38.0

Manual Integrations
APPROVED

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4/24/2017 5:13:26 PM

