

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094410.D
 Acq On : 14 Apr 2017 00:18
 Operator : SJ/MA
 Sample : I2672-04MS 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Manual Integrations
 APPROVED

mohammad
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Quant Time: Apr 14 07:34:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	134721	20.00	ng	-0.04
21) Naphthalene-d8	7.29	136	523311	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	217842	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	337800	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	262255	20.00	ng	-0.06
86) Perylene-d12	16.12	264	198625	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	129340	16.22	ng	-0.04
7) Phenol-d6	5.41	99	160855	16.30	ng	-0.05
23) Nitrobenzene-d5	6.43	82	90133	9.83	ng	-0.06
41) 2,4,6-Tribromophenol	10.40	330	21228	12.33	ng	-0.05
44) 2-Fluorobiphenyl	8.60	172	180066	12.61	ng	-0.05
78) Terphenyl-d14	13.22	244	109189	9.33	ng	-0.06

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	16625	4.34	ng	90
3) Pyridine	2.62	79	35087	3.36	ng	90
4) n-Nitrosodimethylamine	2.56	42	19491	4.54	ng	93
6) Aniline	5.40	93	42053	3.06	ng	90
8) 2-Chlorophenol	5.55	128	47765	5.45	ng	98
10) Phenol	5.43	94	66175	5.89	ng	88
11) bis(2-Chloroethyl)ether	5.49	93	44080	5.02	ng	97
12) 1,3-Dichlorobenzene	5.72	146	51079	5.19	ng	99
13) 1,4-Dichlorobenzene	5.80	146	52088	5.23	ng	98
14) 1,2-Dichlorobenzene	5.98	146	50656	5.52	ng	95
15) Benzyl Alcohol	5.96	79	36026	4.99	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.12	45	60625	4.48	ng	# 42
17) 2-Methylphenol	6.11	107	38333	5.11	ng	95
18) Hexachloroethane	6.37	117	11297	3.23	ng	# 86
19) n-Nitroso-di-n-propylamine	6.26	70	32540	5.13	ng	# 95
20) 3+4-Methylphenols	6.29	107	49581	5.45	ng	# 59
22) Acetophenone	6.25	105	67829	5.82	ng	# 85
24) Nitrobenzene	6.45	77	45425	5.02	ng	93
25) Isophorone	6.74	82	80104	4.97	ng	95
26) 2-Nitrophenol	6.83	139	11995	2.78	ng	95
27) 2,4-Dimethylphenol	6.92	122	41408	5.57	ng	96
28) bis(2-Chloroethoxy)methane	7.01	93	54136	5.09	ng	97
29) 2,4-Dichlorophenol	7.15	162	36025	5.18	ng	98
30) 1,2,4-Trichlorobenzene	7.22	180	38925	5.44	ng	94
31) Naphthalene	7.31	128	135852	5.40	ng	98
33) 4-Chloroaniline	7.39	127	41464	4.07	ng	# 92
34) Hexachlorobutadiene	7.47	225	20514	5.59	ng	97
35) Caprolactam	7.77	113	7257	3.28	ng	# 87
36) 4-Chloro-3-methylphenol	8.01	107	35660	4.91	ng	89
37) 2-Methylnaphthalene	8.16	142	90161	5.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.36	216	35471	5.95	ng	96
42) 2,4,6-Trichlorophenol	8.52	196	21251	5.04	ng	93
43) 2,4,5-Trichlorophenol	8.57	196	21059	4.62	ng	92
45) 1,1'-Biphenyl	8.73	154	101398	5.77	ng	98

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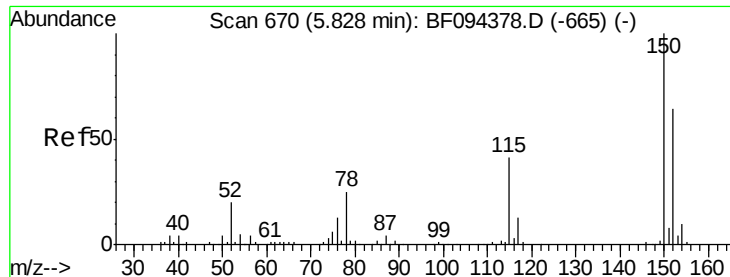
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	8.75	162	79468	5.78	nq	97
47) 2-Nitroaniline	8.87	65	22266	5.46	nq	# 86
48) Acenaphthylene	9.25	152	122621	5.36	nq	97
49) Dimethylphthalate	9.11	163	102716	6.63	nq	98
50) 2,6-Dinitrotoluene	9.17	165	12920	3.64	nq	# 83
51) Acenaphthene	9.46	154	70819	5.31	nq	97
52) 3-Nitroaniline	9.38	138	21865	5.25	nq	94
54) Dibenzofuran	9.67	168	106630	5.87	nq	97
55) 4-Nitrophenol	9.65	139	13241m	4.06	nq	
56) 2,4-Dinitrotoluene	9.67	165	14532	3.26	nq	# 52
57) Fluorene	10.10	166	83224	5.53	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	11625	3.71	nq	# 95
59) Diethylphthalate	9.97	149	85625	5.59	nq	99
60) 4-Chlorophenyl-phenylether	10.10	204	37504	5.85	nq	92
61) 4-Nitroaniline	10.13	138	21478	5.37	nq	91
62) Azobenzene	10.30	77	75535	5.22	nq	95
65) n-Nitrosodiphenylamine	10.25	169	70358	6.02	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	20158	6.07	nq	98
67) Hexachlorobenzene	10.77	284	18731	5.57	nq	# 90
68) Atrazine	10.92	200	18909	5.40	nq	95
69) Pentachlorophenol	11.03	266	4377	2.09	nq	# 85
70) Phenanthrene	11.27	178	102605	5.46	nq	96
71) Anthracene	11.33	178	104448	5.40	nq	99
72) Carbazole	11.55	167	94616	4.77	nq	97
73) Di-n-butylphthalate	11.99	149	123047	5.96	nq	98
74) Fluoranthene	12.73	202	95427	4.96	nq	98
76) Benzidine	12.91	184	46578	4.49	nq	# 93
77) Pvrene	13.01	202	96007	5.04	nq	96
79) Butylbenzylphthalate	13.83	149	44916	5.54	nq	88
80) Benzo(a)anthracene	14.48	228	76273	4.99	nq	95
81) 3,3'-Dichlorobenzidine	14.46	252	25024	4.58	nq	# 96
82) Chrysene	14.52	228	70227	4.95	nq	96
83) Bis(2-ethylhexyl)phthalate	14.55	149	68927	6.23	nq	# 96
84) Di-n-octyl phthalate	15.30	149	110779	5.99	nq	98
85) Indeno(1,2,3-cd)pvrene	17.40	276	57674	4.69	nq	100
87) Benzo(b)fluoranthene	15.72	252	65699	5.40	nq	98
88) Benzo(k)fluoranthene	15.74	252	63938	5.37	nq	97
89) Benzo(a)pyrene	16.06	252	59407	5.30	nq	98
90) Dibenzo(a,h)anthracene	17.42	278	49002	5.16	nq	98
91) Benzo(g,h,i)perylene	17.77	276	45443	4.75	nq	94

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



#1

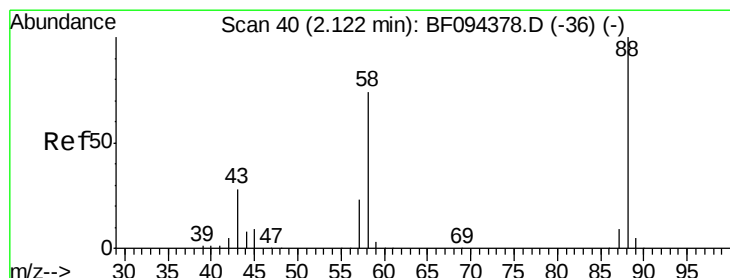
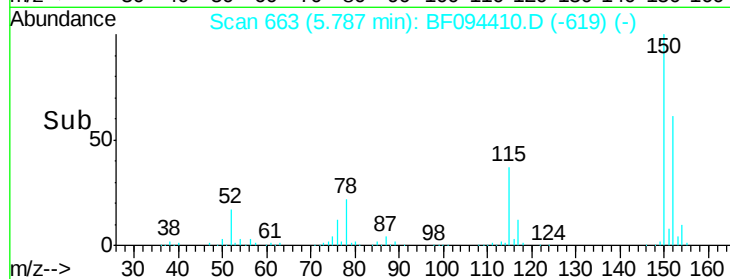
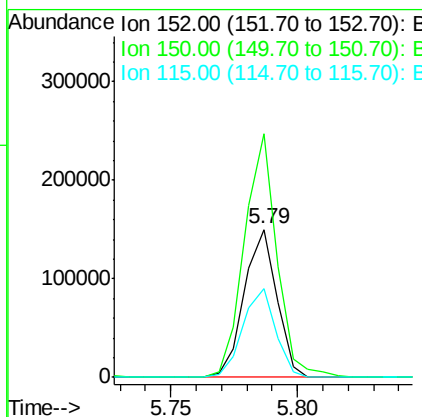
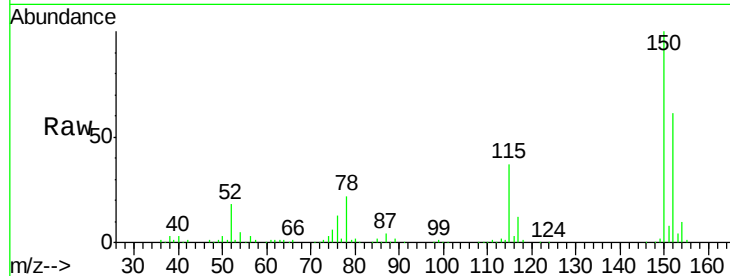
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.04 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.5	126.2	189.2
115	60.0	52.2	78.2

Manual Integrations
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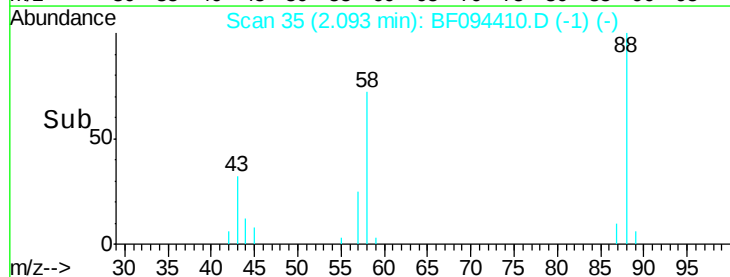
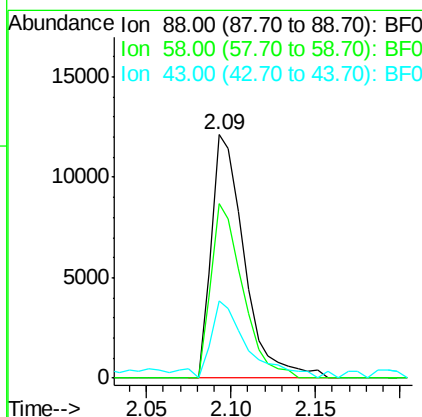
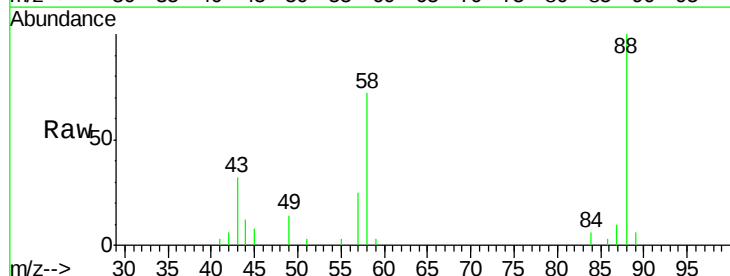
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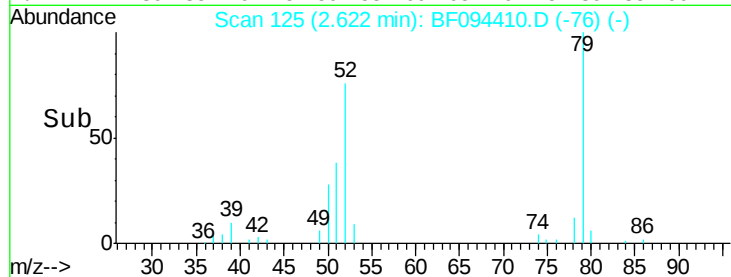
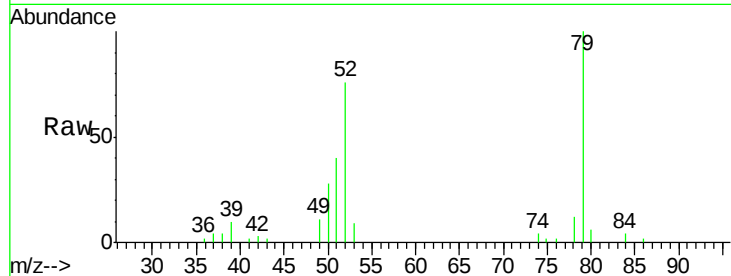
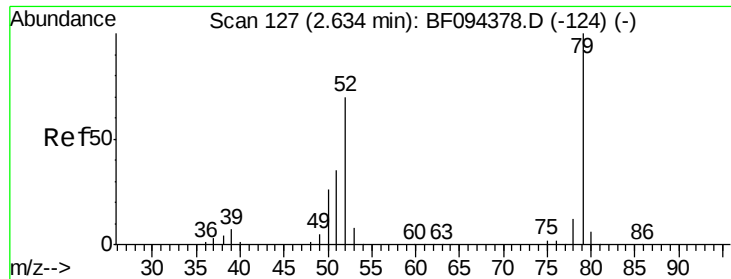


#2

1,4-Dioxane
Concen: 4.34 ng
RT: 2.09 min Scan# 35
Delta R.T. -0.03 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	61.4	92.0
43	34.7	23.4	35.0





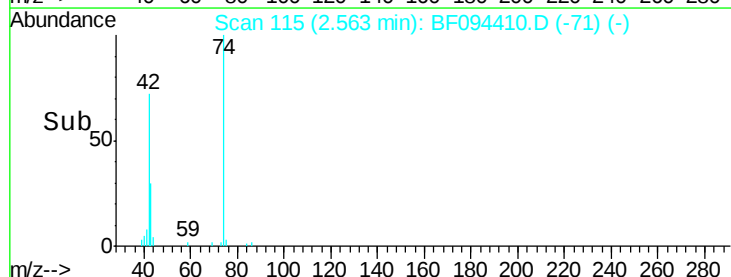
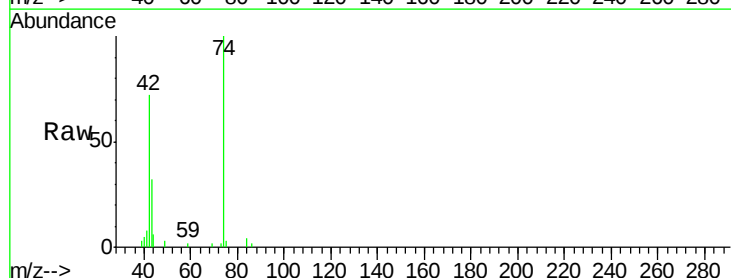
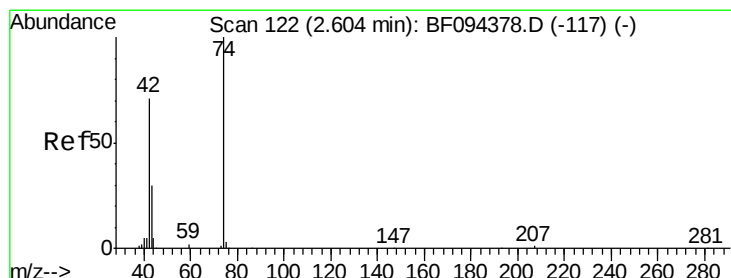
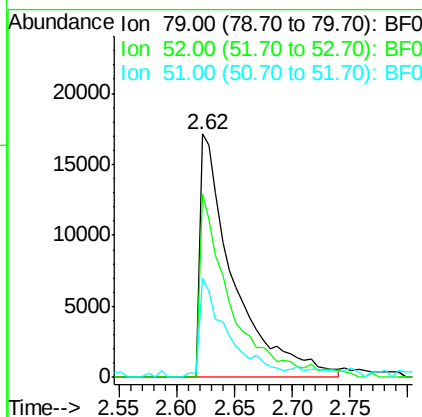
#3
 Pvridine
 Concen: 3.36 ng
 RT: 2.62 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		35087		
52	75.5	54.8		82.2	
51	40.4	27.0		40.4	

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

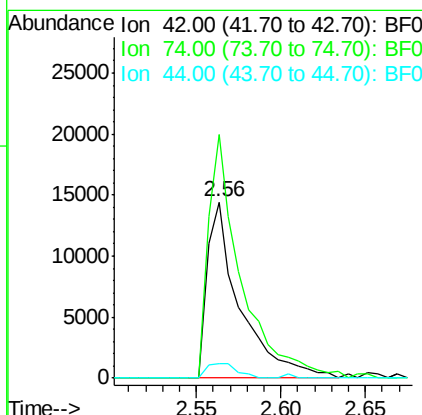
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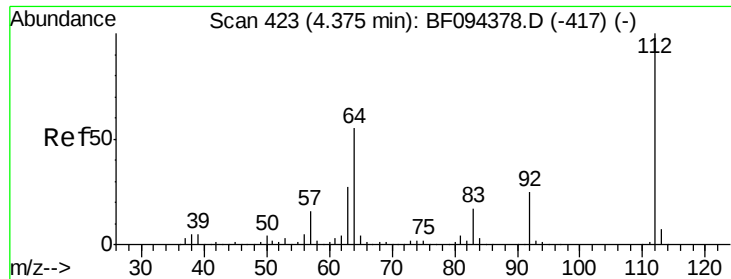
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#4
 n-Nitrosodimethylamine
 Concen: 4.54 ng
 RT: 2.56 min Scan# 115
 Delta R.T. -0.04 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		19491		
74	138.4	103.9		155.9	
44	8.0	5.7		8.5	





#5

2-Fluorophenol

Concen: 16.22 ng

RT: 4.33 min Scan# 416

Delta R.T. -0.04 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

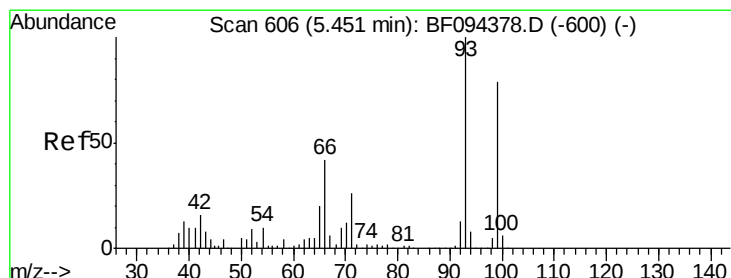
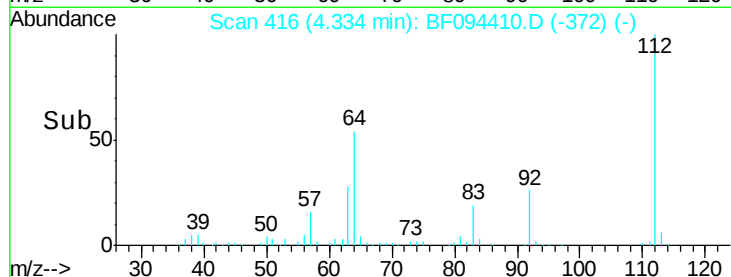
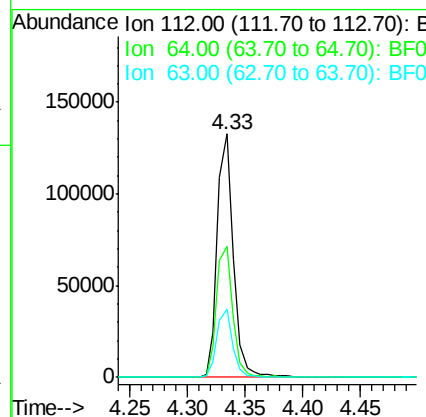
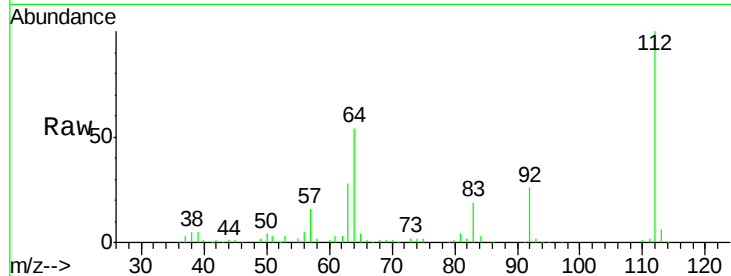
ClientSampleId :

E2-Z8-BASEMS

Tot Ion:	112	Resp:	129340
Ion Ratio	Lower	Upper	
112	100		
64	53.7	46.0	69.0
63	28.0	23.4	35.0

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#6

Aniline

Concen: 3.06 ng

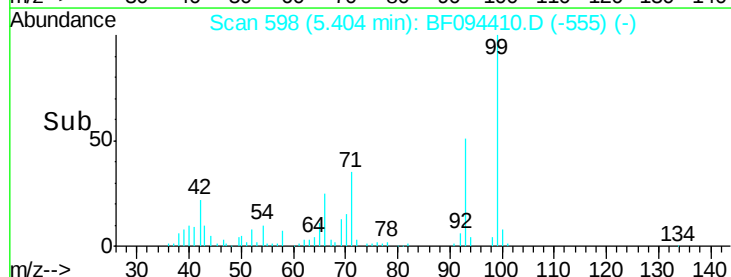
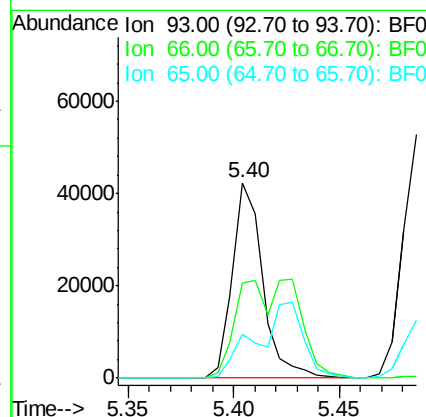
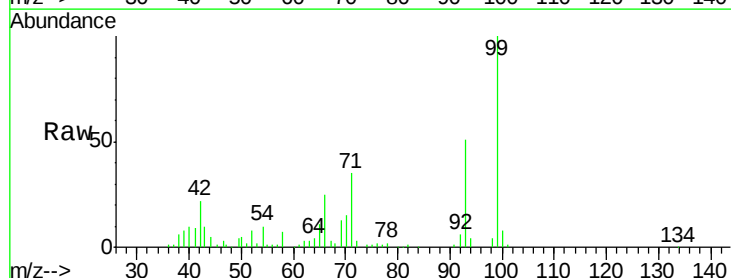
RT: 5.40 min Scan# 598

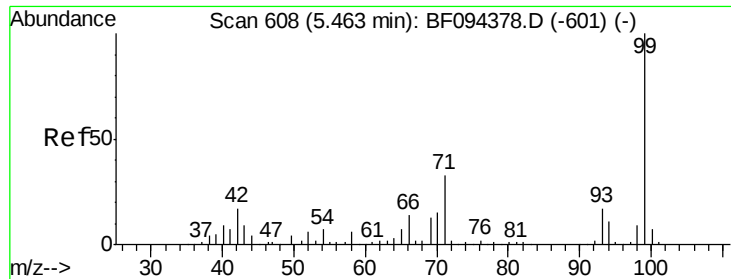
Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	93	Resp:	42053
Ion Ratio	Lower	Upper	
93	100		
66	48.5	32.9	49.3
65	22.4	16.0	24.0





#7

Phenol-d6

Concen: 16.30 ng

RT: 5.41 min Scan# 599

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

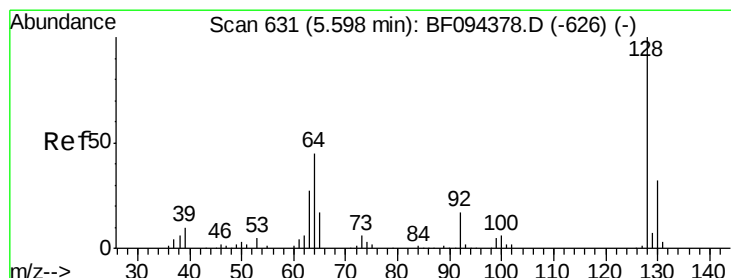
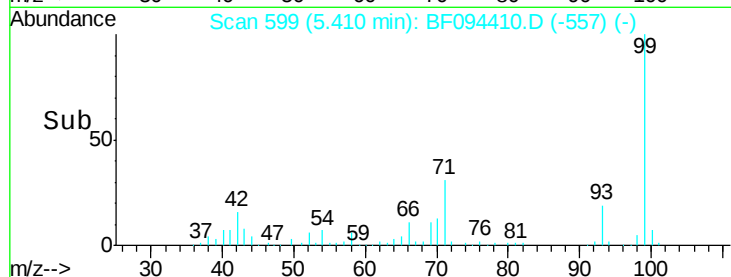
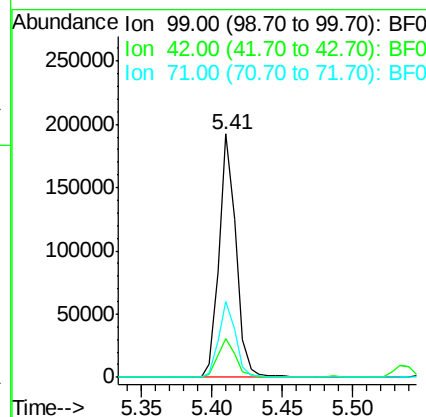
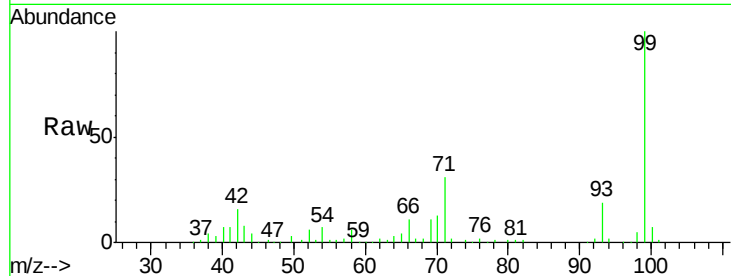
ClientSampled :

E2-Z8-BASEMS

Tot Ion:	99	Resp:	160855
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	30.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 5.45 ng

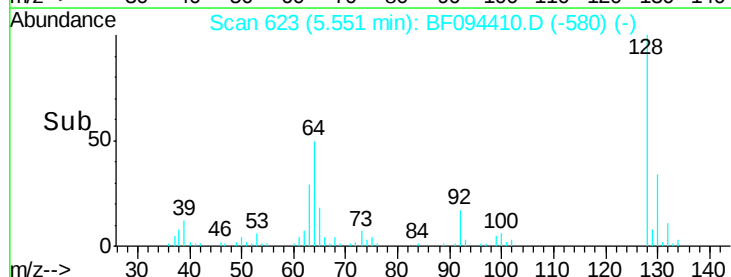
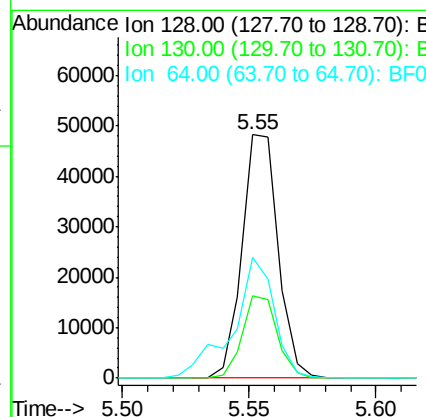
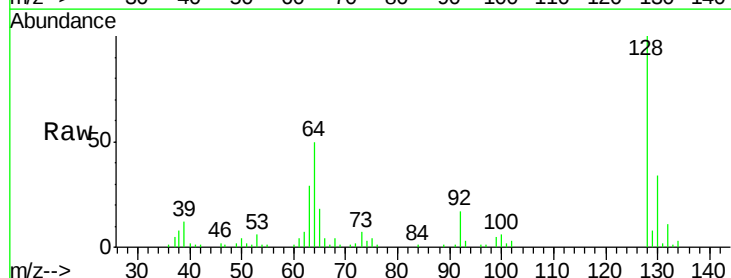
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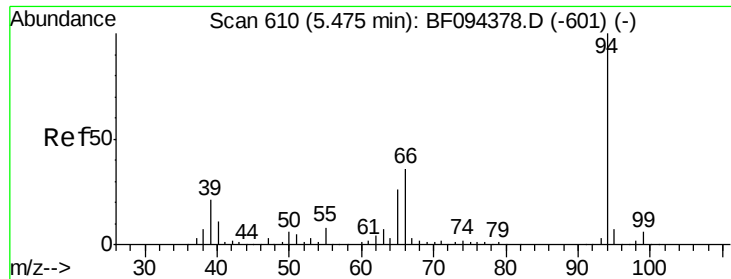
Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	128	Resp:	47765
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.9	52.9
64	49.6	28.4	68.4





#10

Phenol

Concen: 5.89 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

ClientSampleId :

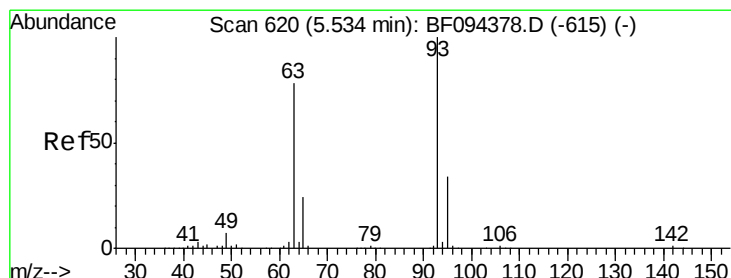
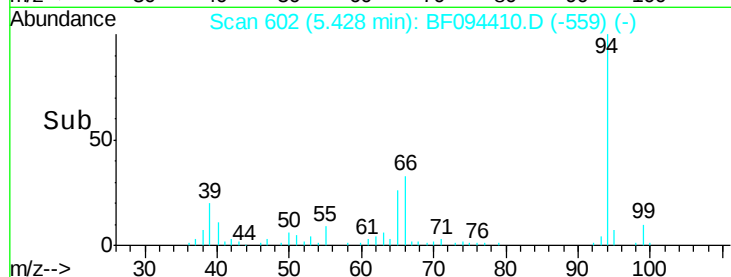
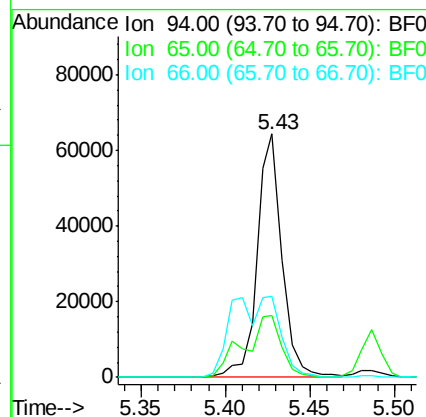
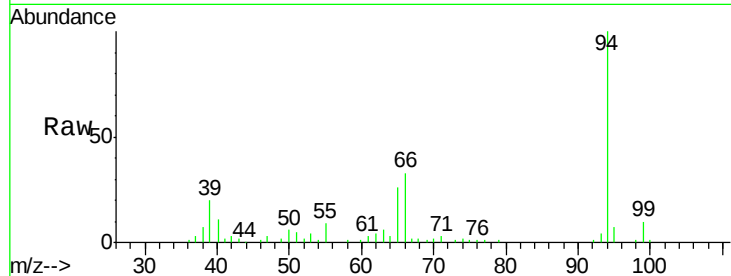
E2-Z8-BASEMS

Tot Ion: 94 Resp: 66175

Ion	Ratio	Lower	Upper
94	100		
65	25.6	9.9	49.9
66	33.3	23.1	63.1

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#11

bis(2-Chloroethyl)ether

Concen: 5.02 ng

RT: 5.49 min Scan# 612

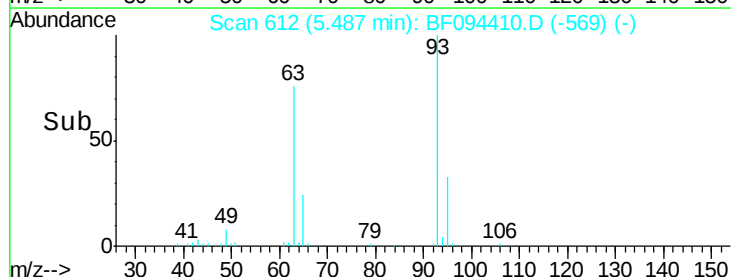
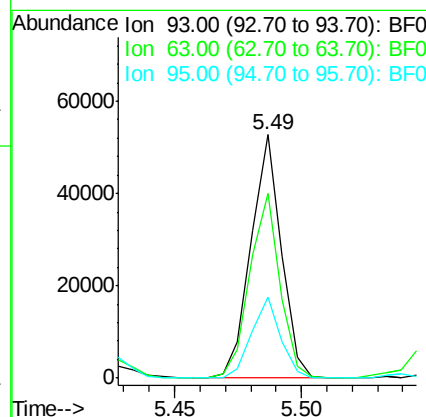
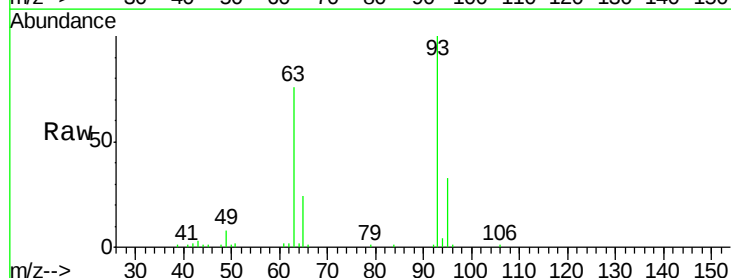
Delta R.T. -0.05 min

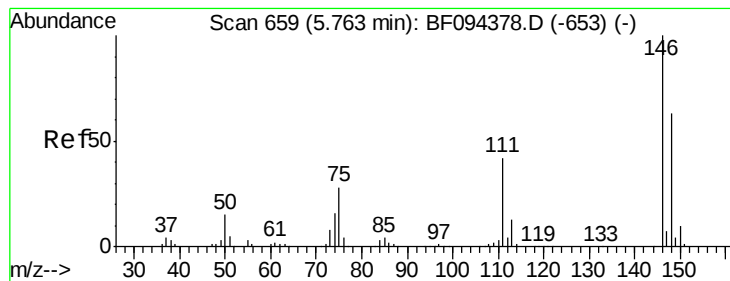
Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion: 93 Resp: 44080

Ion	Ratio	Lower	Upper
93	100		
63	76.0	59.2	99.2
95	33.3	12.8	52.8





#12

1,3-Dichlorobenzene

Concen: 5.19 ng

RT: 5.72 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

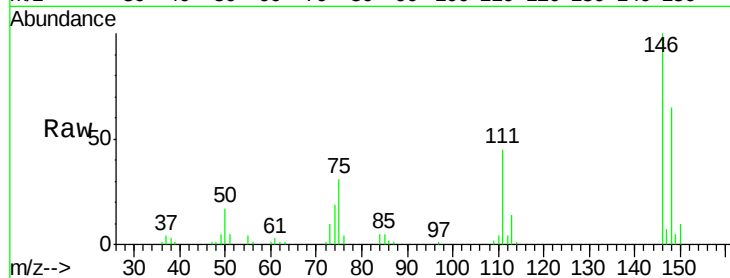
ClientSampleId :

E2-Z8-BASEMS

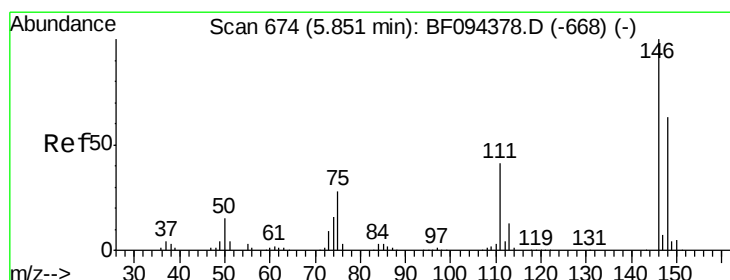
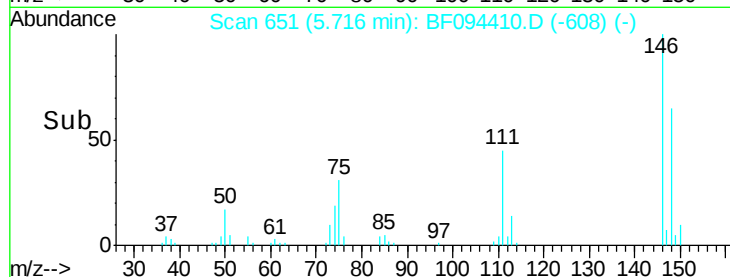
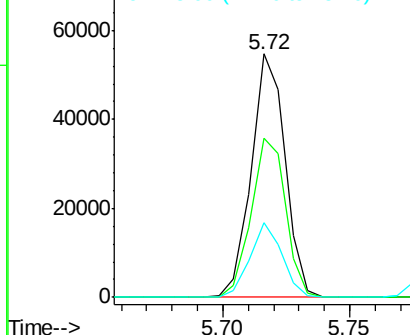
Tot Ion:	146	Resp:	51079
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.6
75	30.7	23.1	34.7

Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BFO



#13

1,4-Dichlorobenzene

Concen: 5.23 ng

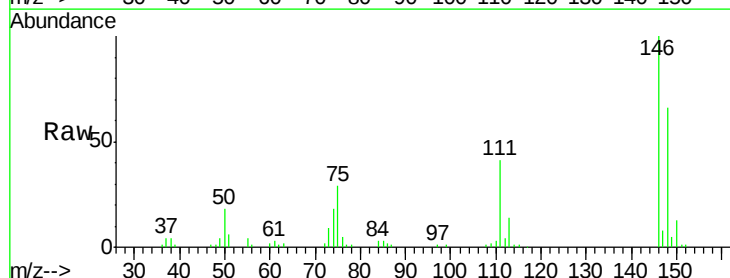
RT: 5.80 min Scan# 666

Delta R.T. -0.05 min

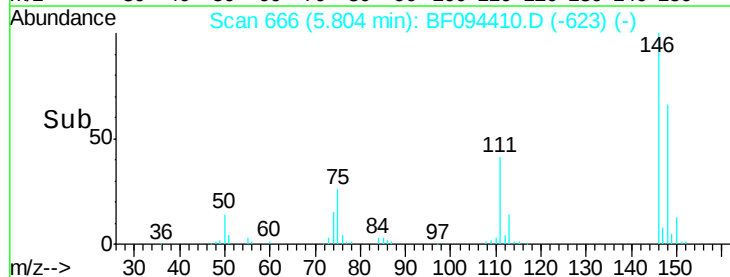
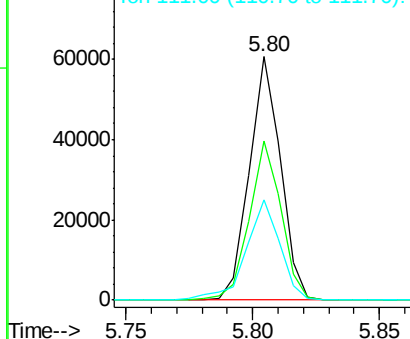
Lab File: BF094410.D

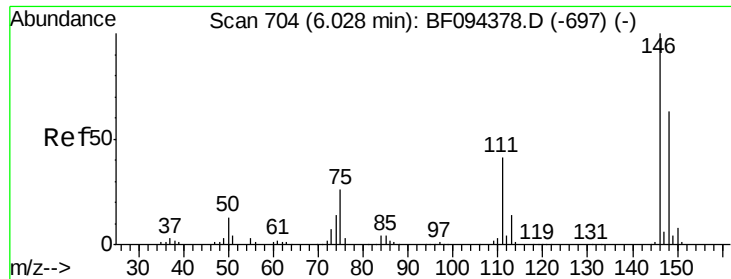
Acq: 14 Apr 2017 00:18

Tgt Ion:	146	Resp:	52088
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	41.1	30.3	45.5



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





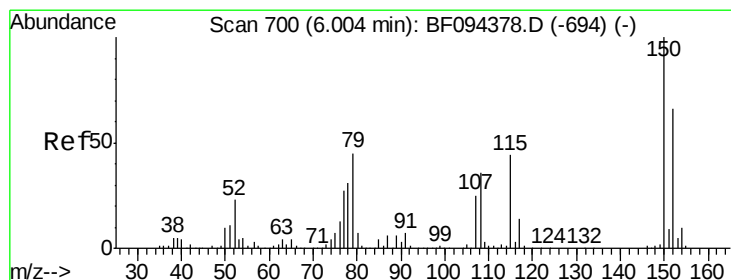
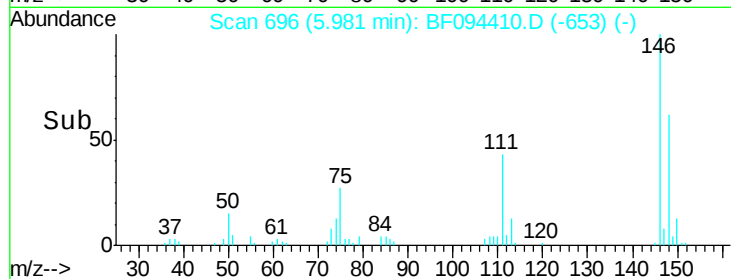
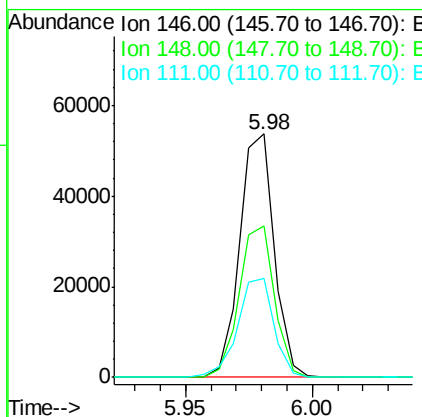
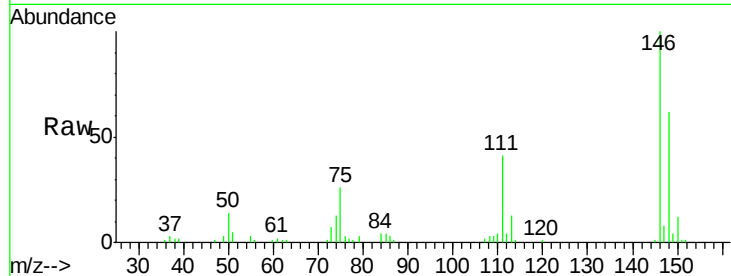
#14
 1,2-Dichlorobenzene
 Concen: 5.52 ng
 RT: 5.98 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	40.8	38.2	57.4

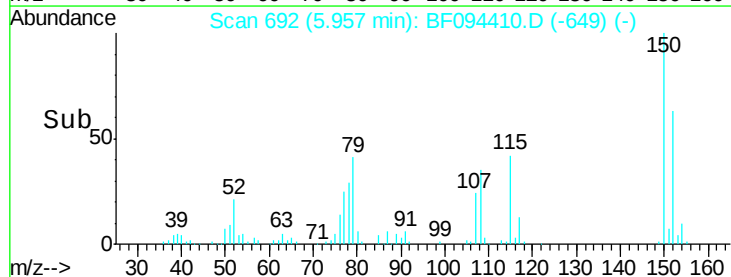
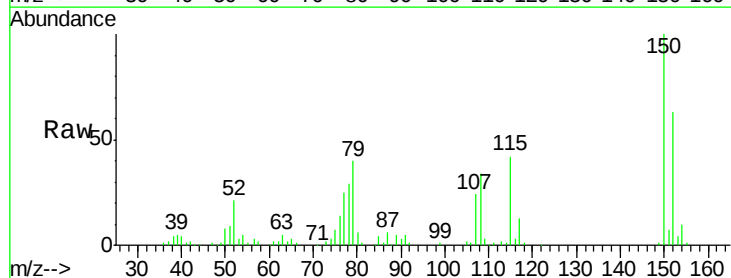
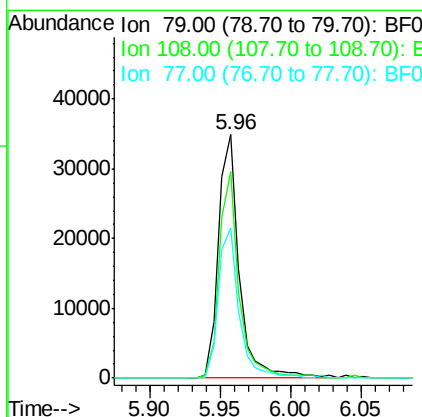
Manual Integrations
 APPROVED

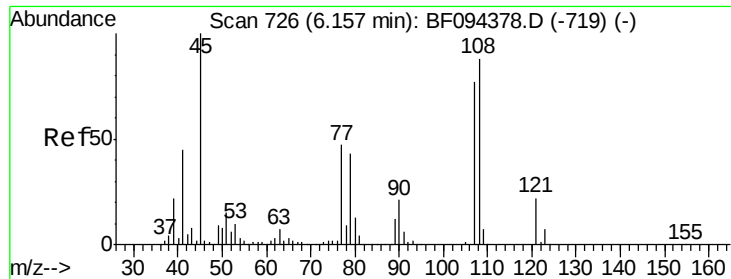
mohammad
 4/14/2017 1:36:40 PM



#15
 Benzyl Alcohol
 Concen: 4.99 ng
 RT: 5.96 min Scan# 692
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
79	100		
108	85.1	63.4	95.0
77	61.6	49.2	73.8





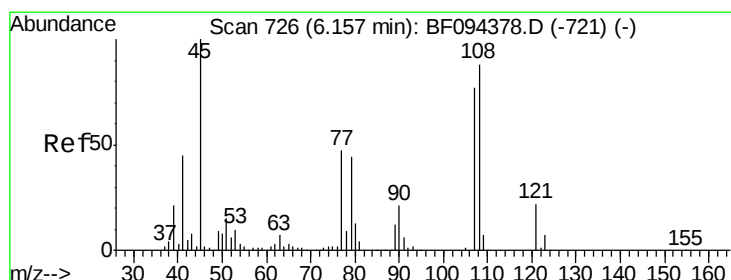
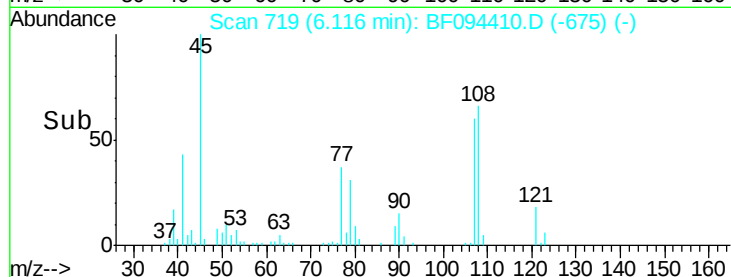
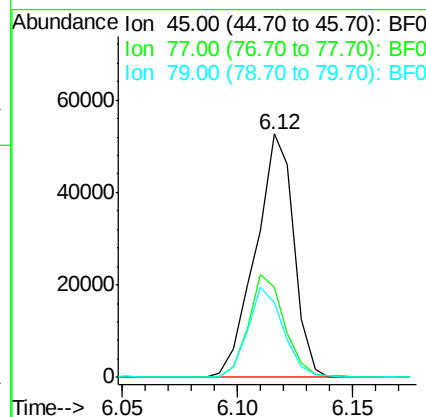
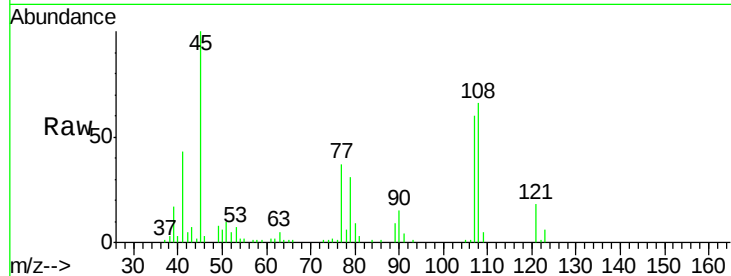
#16
2,2'-oxvbis(1-chloropropane)
Concen: 4.48 ng
RT: 6.12 min Scan# 719
Delta R.T. -0.04 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	37.1	0.0	33.2#	
79	30.9	0.0	30.0#	

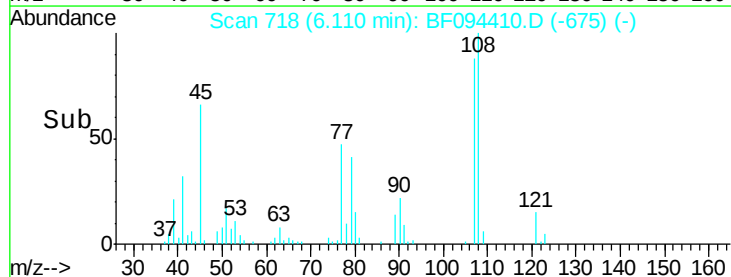
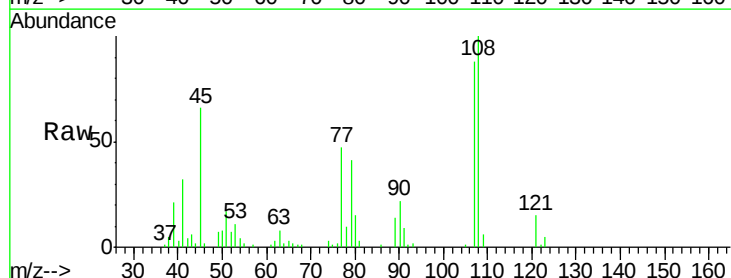
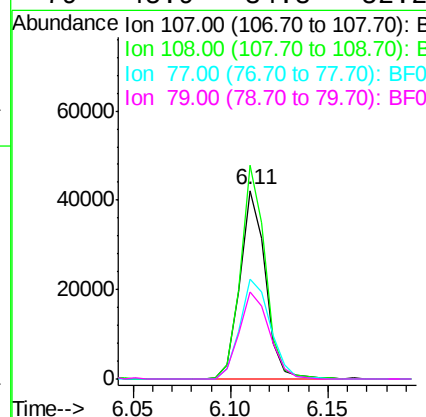
Manual Integrations
APPROVED

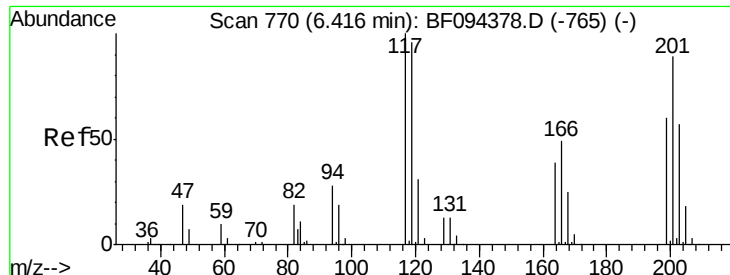
mohammad
4/14/2017 1:36:40 PM



#17
2-Methylphenol
Concen: 5.11 ng
RT: 6.11 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	93.4	140.0	
77	52.9	35.8	53.6	
79	45.9	34.8	52.2	





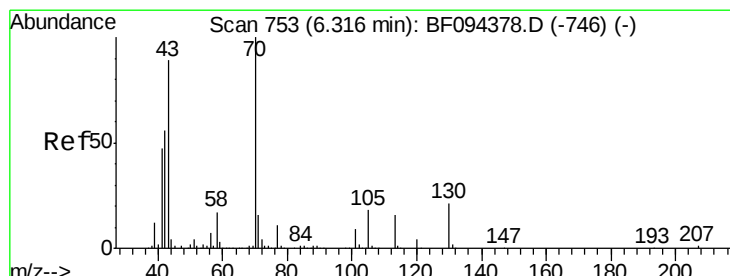
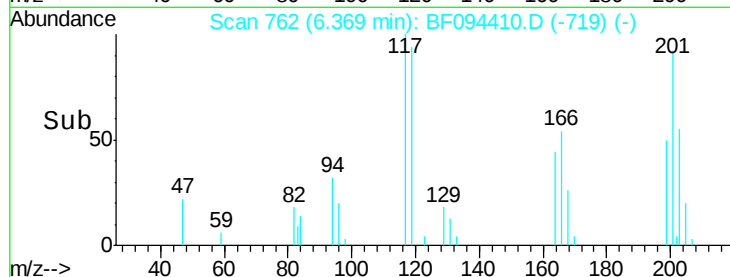
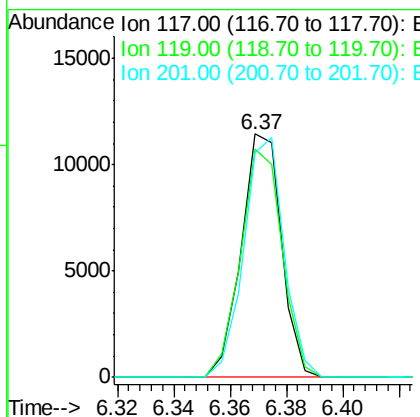
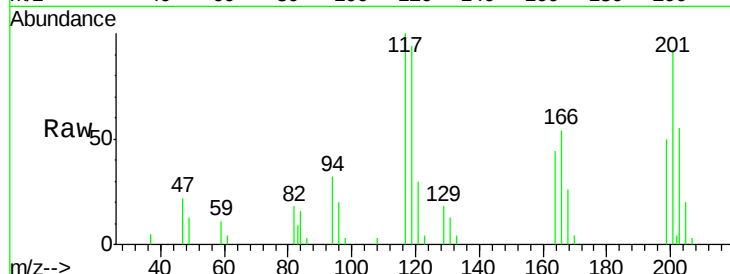
#18
Hexachloroethane
Concen: 3.23 ng
RT: 6.37 min Scan# 762
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.0
201	92.0	94.6	141.8#

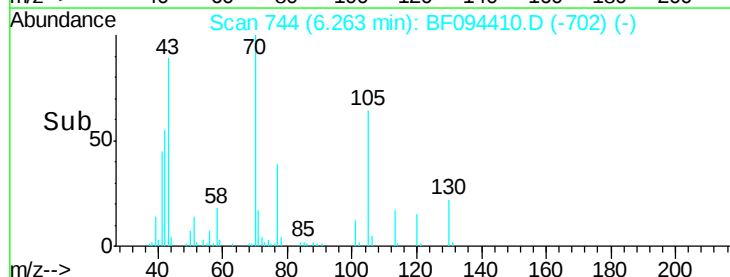
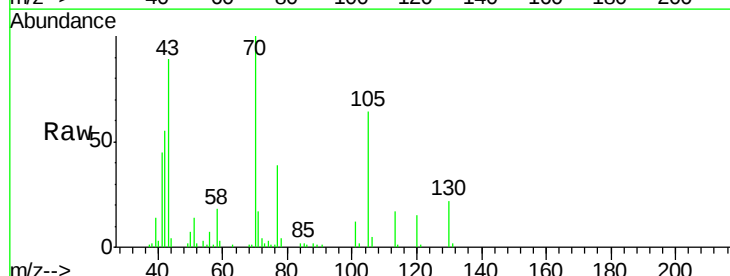
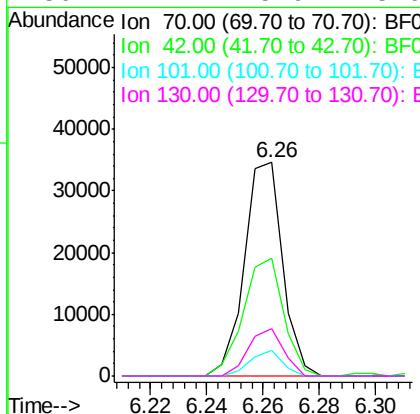
Manual Integrations
APPROVED

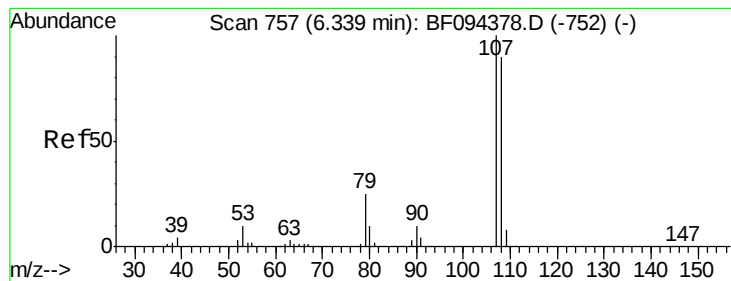
mohammad
4/14/2017 1:36:40 PM



#19
n-Nitroso-di-n-propylamine
Concen: 5.13 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.2	70.8
101	11.9	7.2	10.8#
130	22.2	15.9	23.9





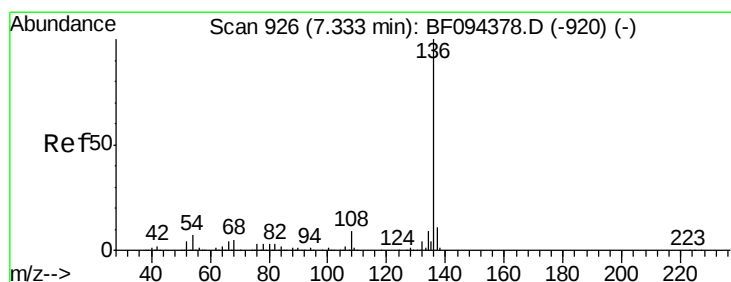
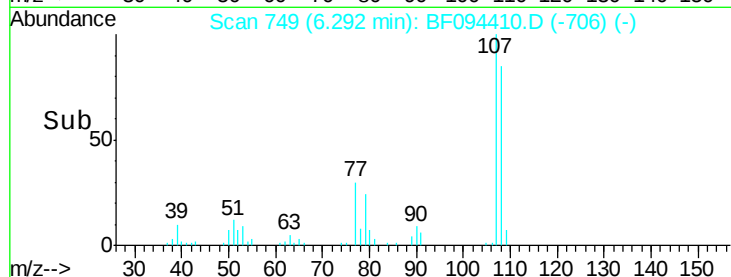
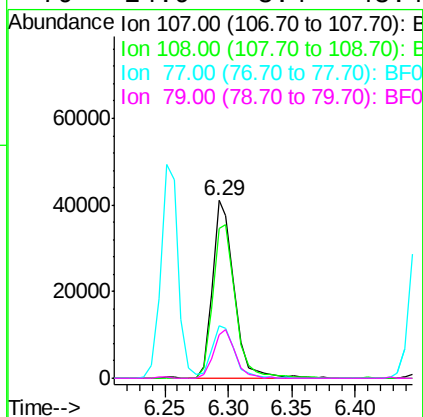
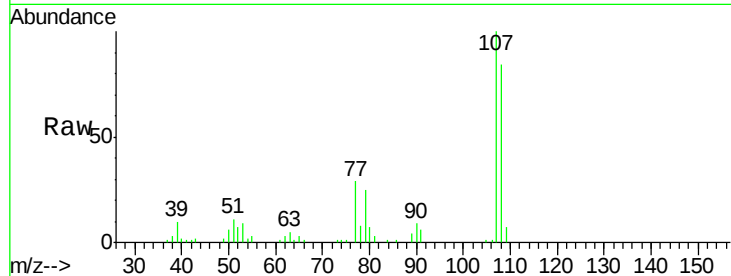
#20
3+4-Methylphenols
Concen: 5.45 ng
RT: 6.29 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:	107	Resp:	49581
Ion Ratio	Lower	Upper	
107	100		
108	84.1	71.0	111.0
77	29.3	90.5	130.5#
79	24.9	8.4	48.4

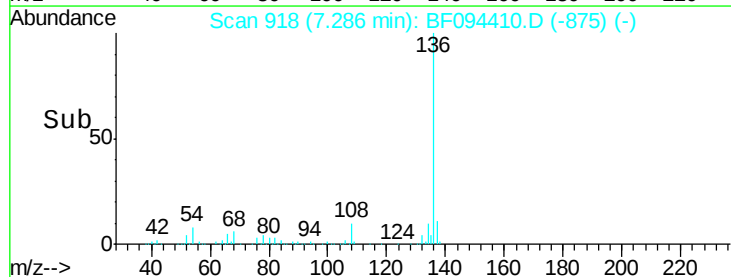
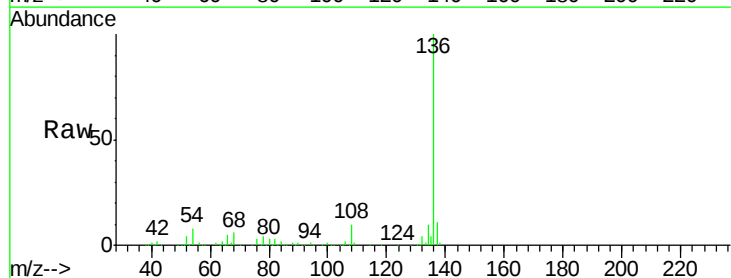
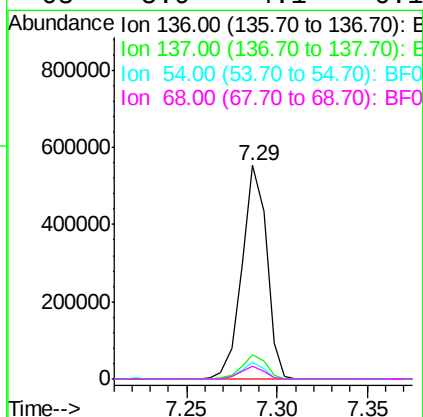
Manual Integrations
APPROVED

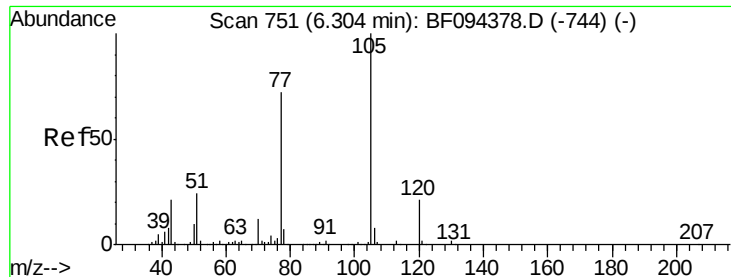
mohammad
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.29 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion:	136	Resp:	523311
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.7	4.9	7.3#
68	5.9	4.1	6.1





#22

Acetophenone

Concen: 5.82 ng

RT: 6.25 min Scan# 742

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

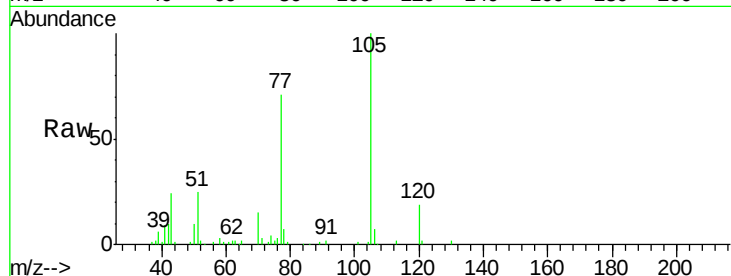
ClientSampleId :

E2-Z8-BASEMS

Tot Ion:	105	Resp:	67829
Ion Ratio	Lower	Upper	
105	100		
71	2.6	2.8	4.2#
51	25.0	30.7	46.1#
120	19.4	17.4	26.0

Manual Integrations
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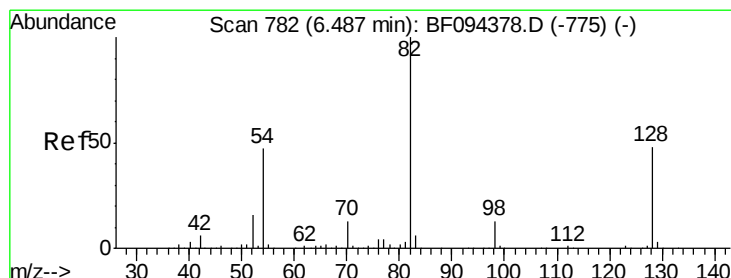
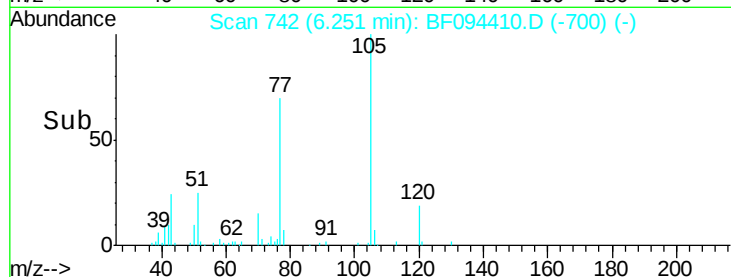
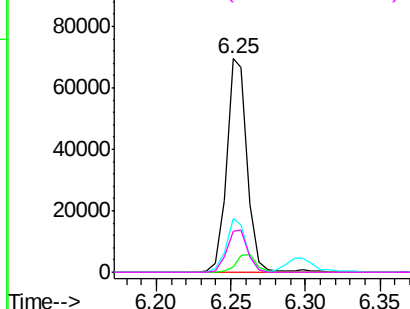


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 9.83 ng

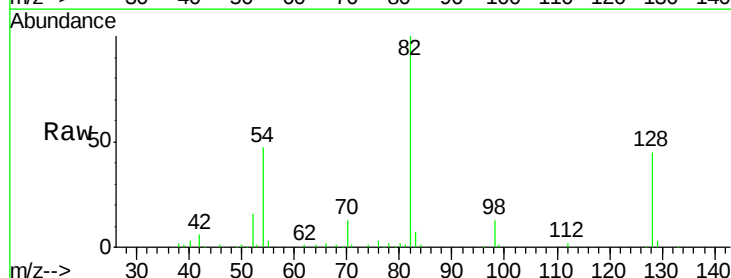
RT: 6.43 min Scan# 772

Delta R.T. -0.06 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

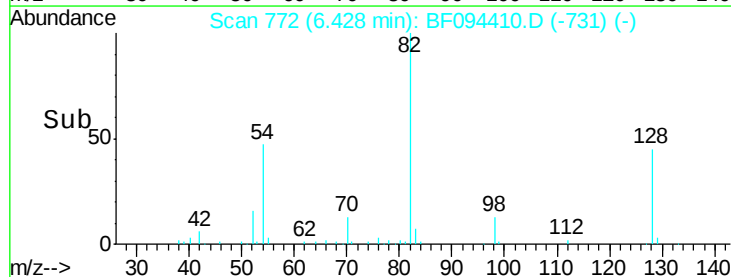
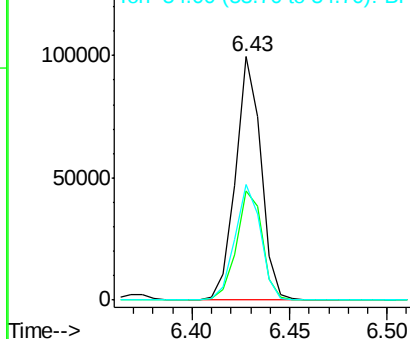
Tgt Ion:	82	Resp:	90133
Ion Ratio	Lower	Upper	
82	100		
128	44.9	34.0	51.0
54	47.3	42.2	63.2

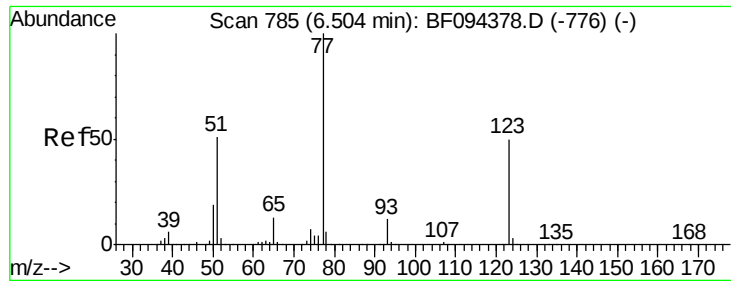


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





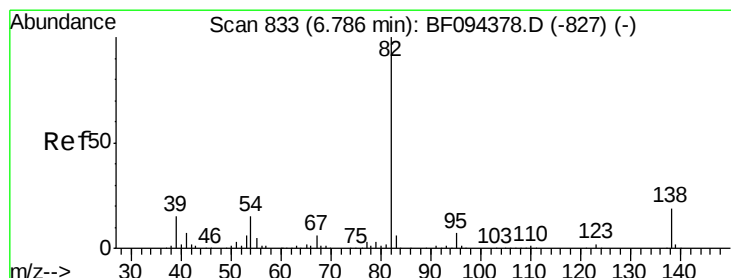
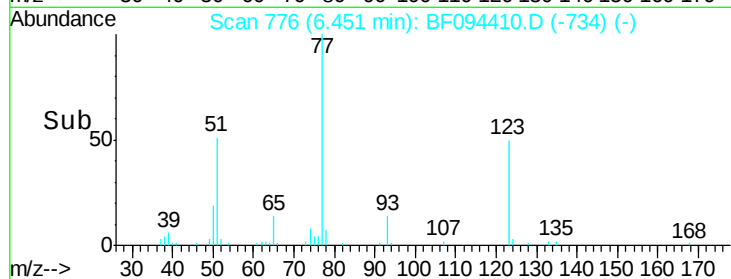
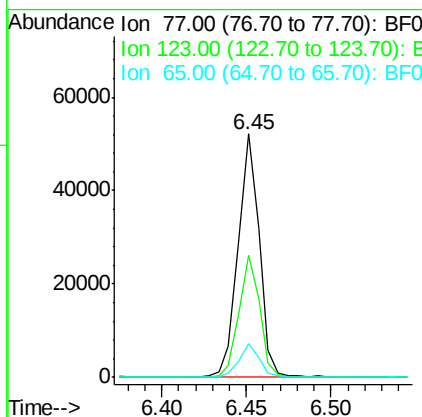
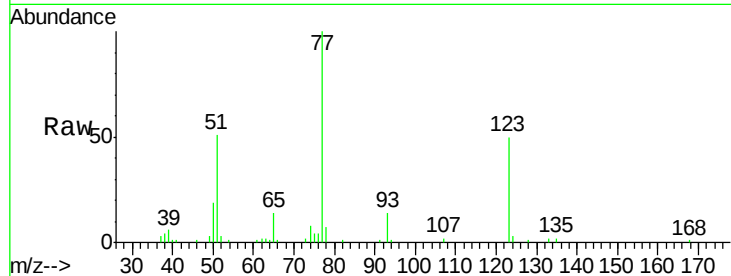
#24
Nitrobenzene
Concen: 5.02 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.8	53.8
65	13.6	10.6	15.8

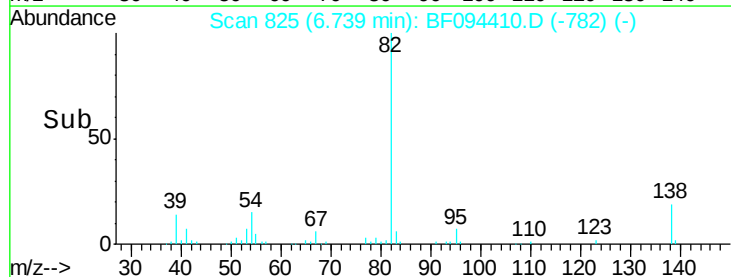
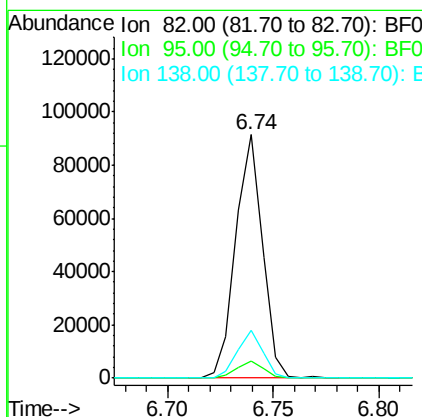
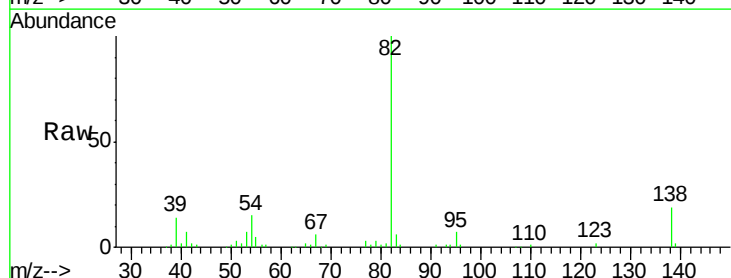
Manual Integrations
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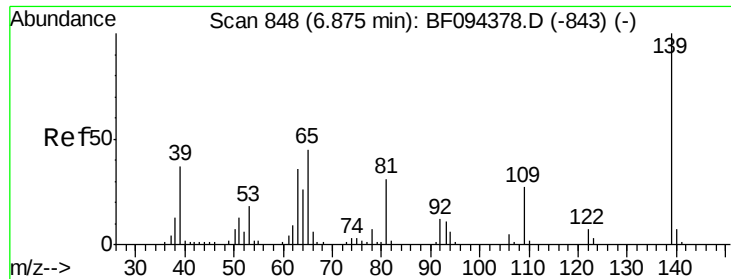
mohammad
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#25
Isophorone
Concen: 4.97 ng
RT: 6.74 min Scan# 825
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.3	7.9
138	19.4	13.1	19.7





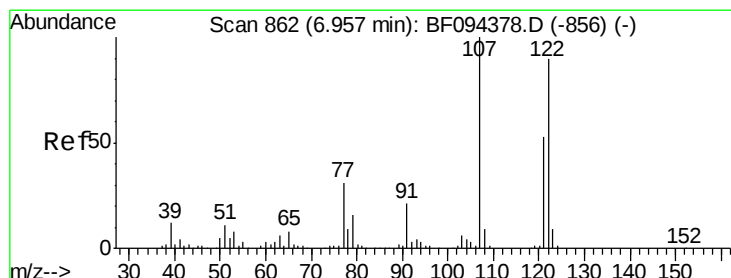
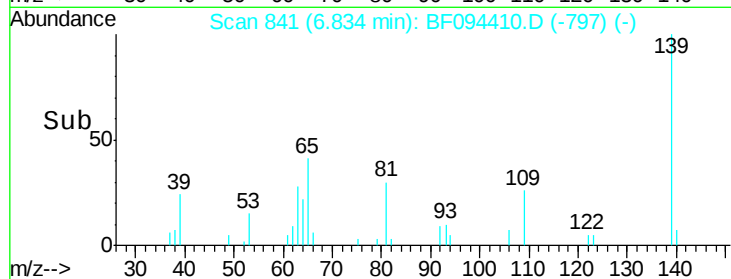
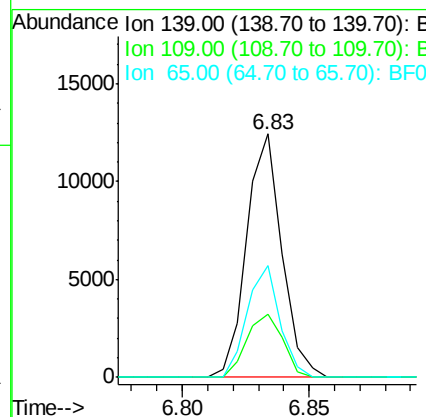
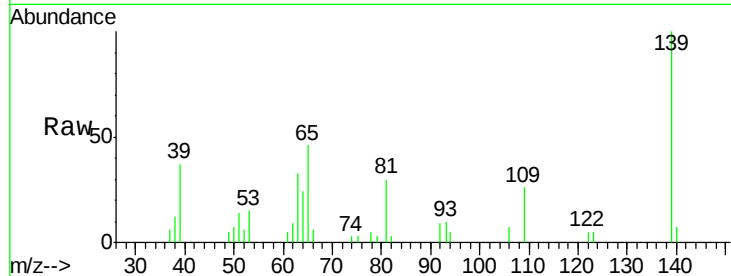
#26
2-Nitrophenol
Concen: 2.78 ng
RT: 6.83 min Scan# 841
Delta R.T. -0.04 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	11995		
109	25.9		21.0	31.6
65	46.1		33.0	49.6

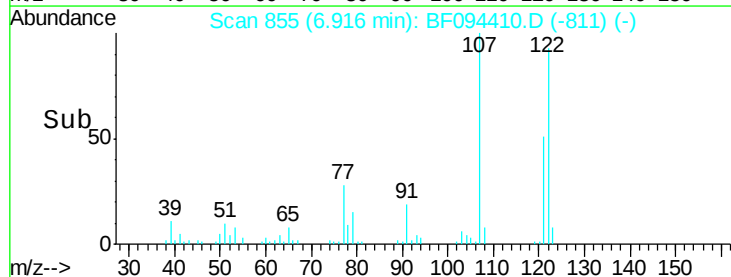
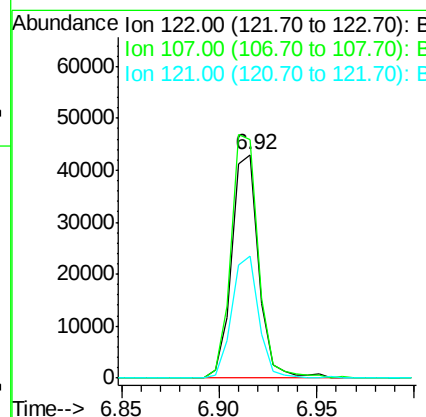
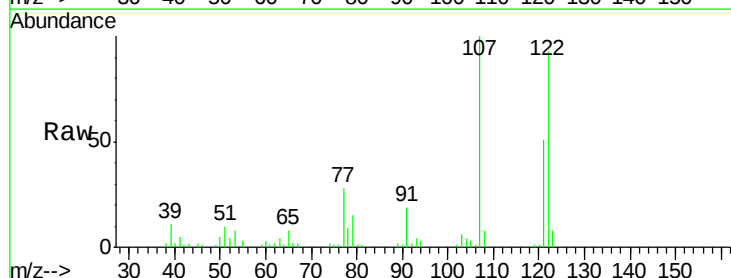
Manual Integrations
APPROVED

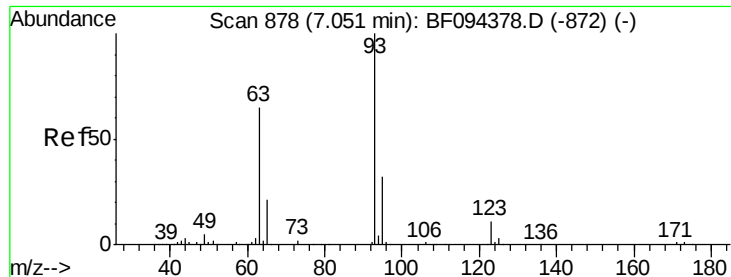
mohammad
4/14/2017 1:36:40 PM



#27
2,4-Dimethylphenol
Concen: 5.57 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.04 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	41408		
107	107.1		89.2	133.8
121	54.9		45.2	67.8





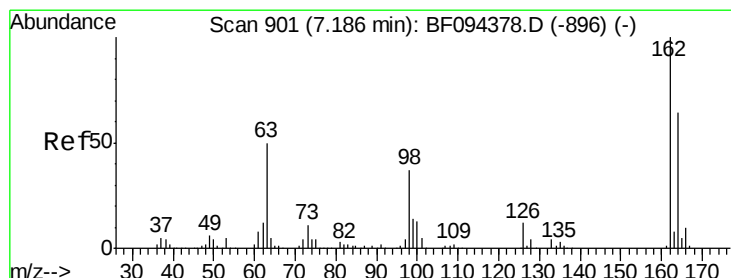
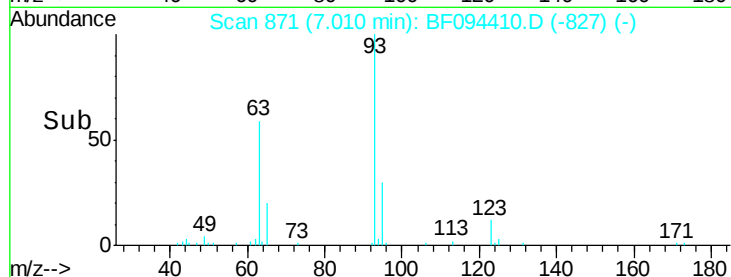
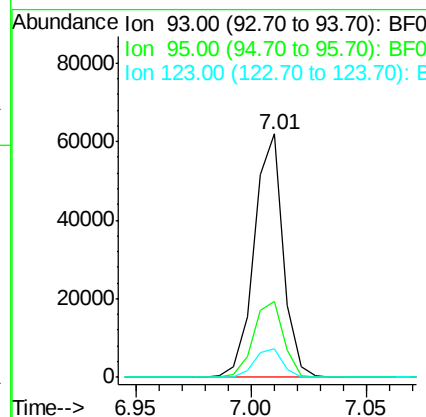
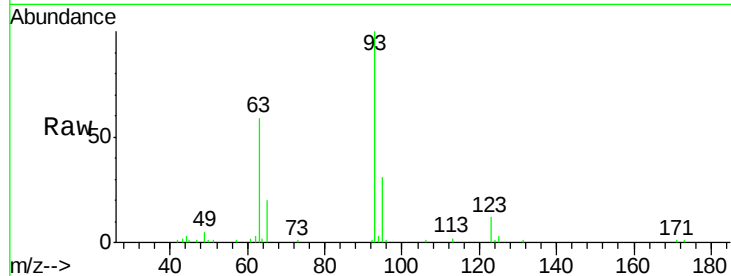
#28
 bis(2-Chloroethoxy)methane
 Concen: 5.09 ng
 RT: 7.01 min Scan# 871
 Delta R.T. -0.04 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.5	39.7
123	11.6	9.0	13.4

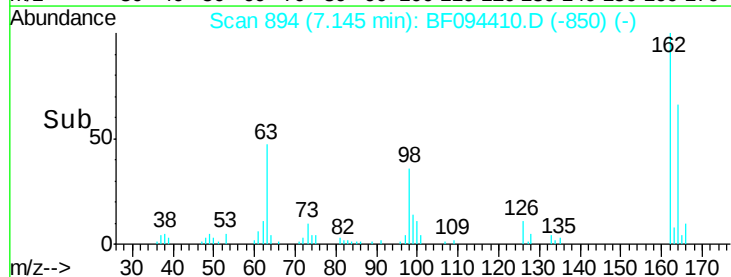
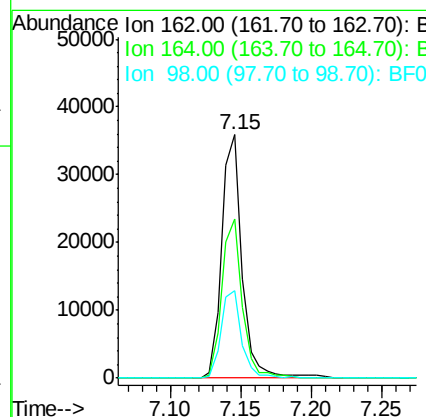
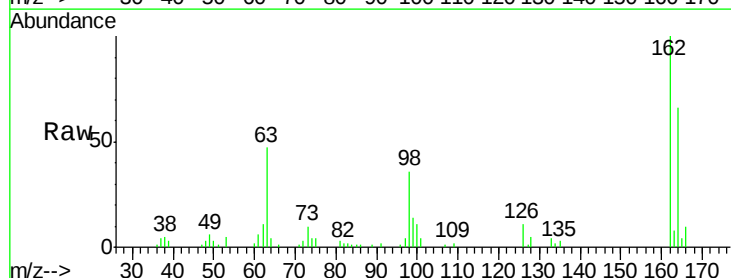
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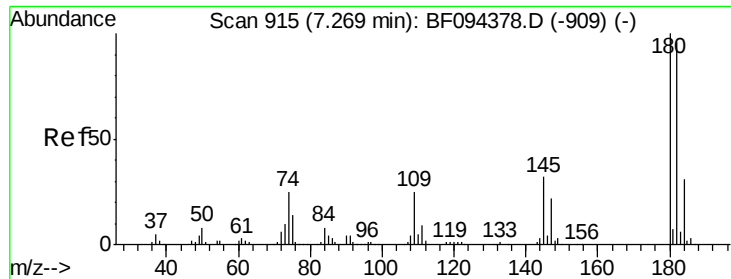
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#29
 2,4-Dichlorophenol
 Concen: 5.18 ng
 RT: 7.15 min Scan# 894
 Delta R.T. -0.04 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.6	84.6
98	35.9	14.8	54.8





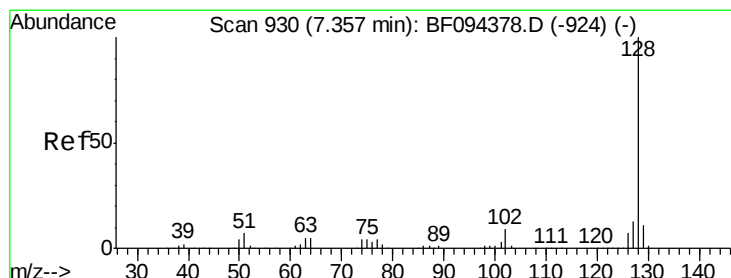
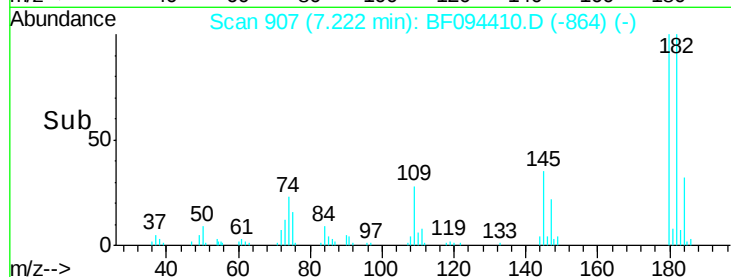
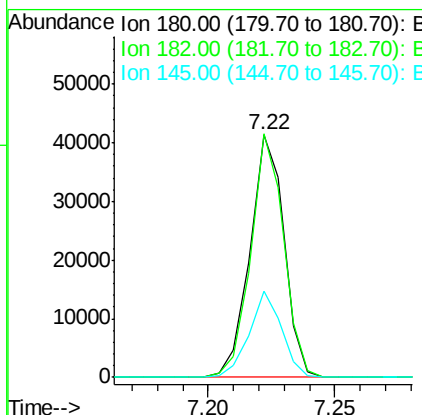
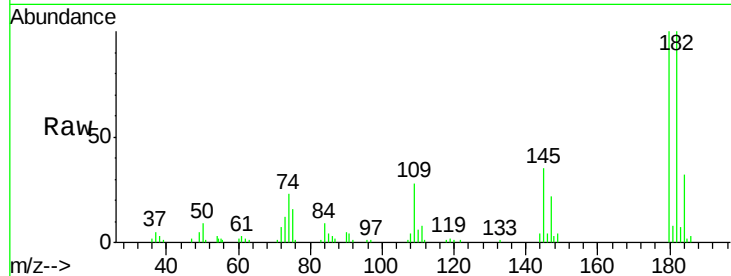
#30
1,2,4-Trichlorobenzene
Concen: 5.44 ng
RT: 7.22 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.3	75.8	113.6
145	35.6	25.3	37.9

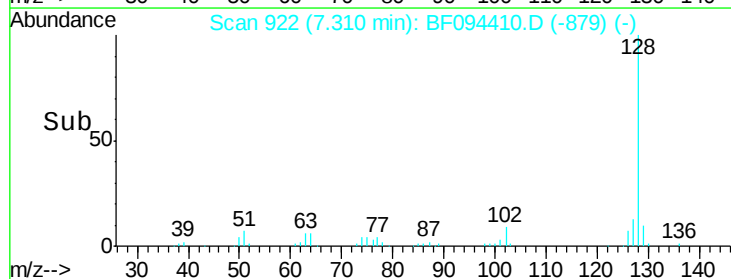
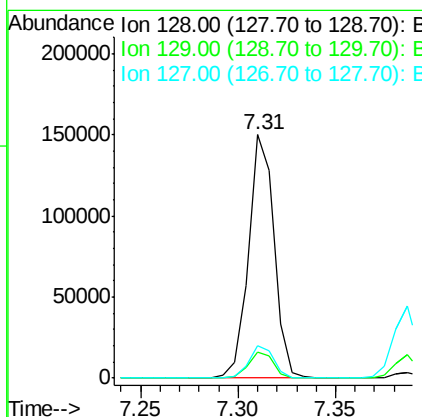
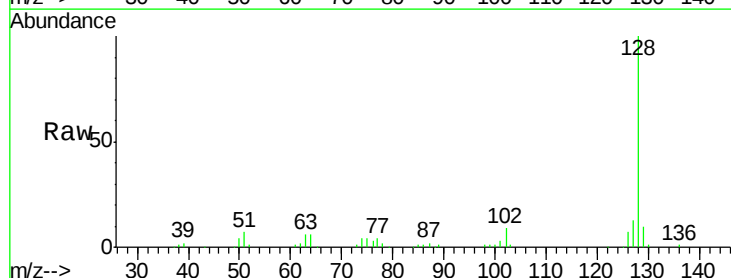
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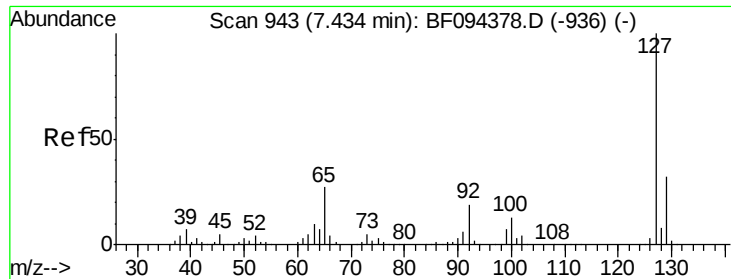
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#31
Naphthalene
Concen: 5.40 ng
RT: 7.31 min Scan# 922
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	13.1	10.8	16.2





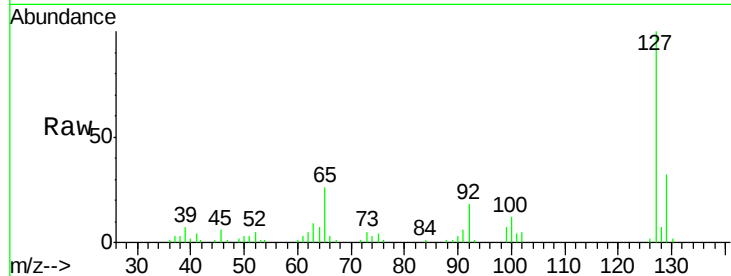
#33
4-Chloroaniline
Concen: 4.07 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

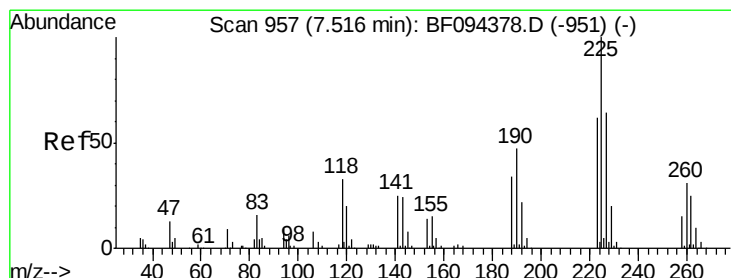
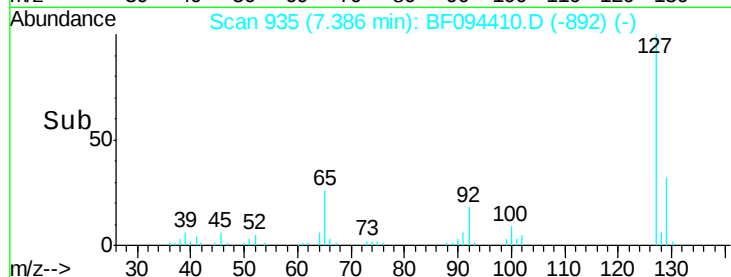
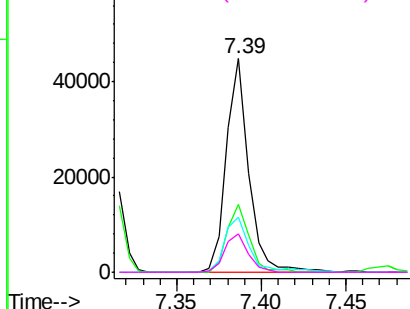
Tot Ion:	127	Resp:	41464
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.2	39.2
65	25.8	27.8	41.8#
92	18.0	16.8	25.2

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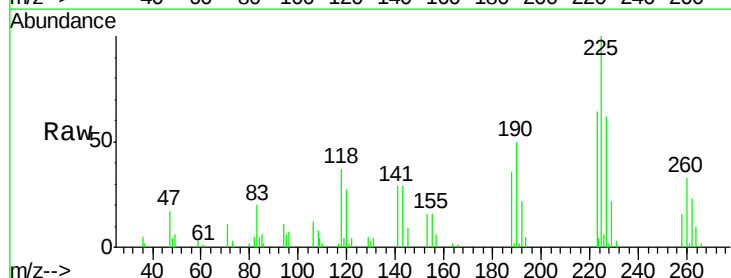


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

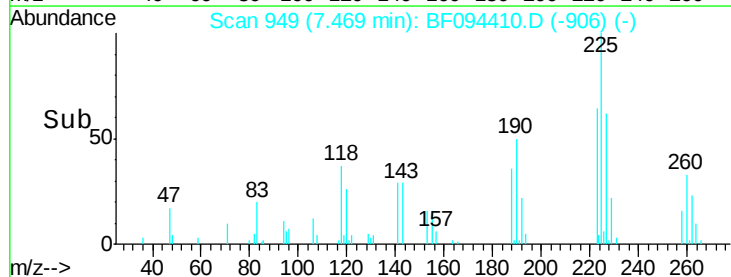
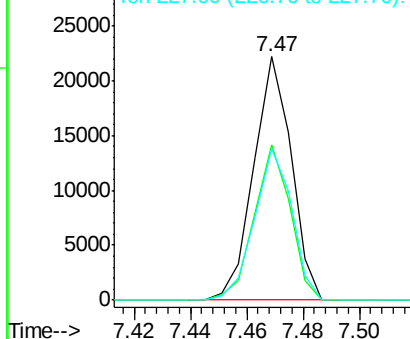


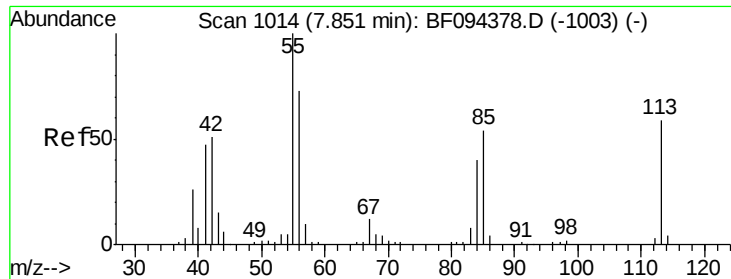
#34
Hexachlorobutadiene
Concen: 5.59 ng
RT: 7.47 min Scan# 949
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion:	225	Resp:	20514
Ion Ratio	Lower	Upper	
225	100		
223	63.8	48.8	73.2
227	62.2	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.28 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.08 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

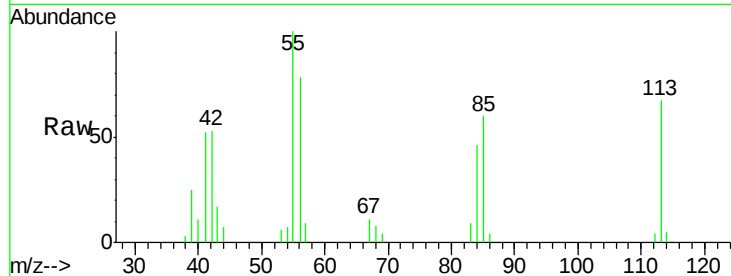
ClientSampleId :

E2-Z8-BASEMS

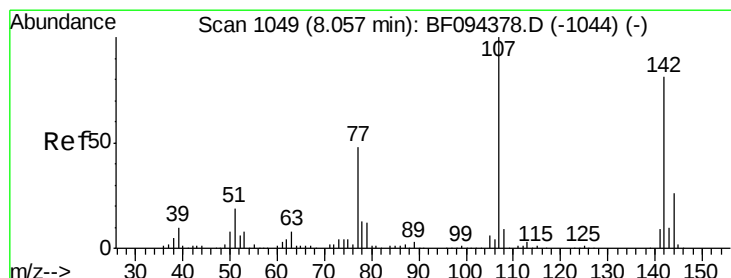
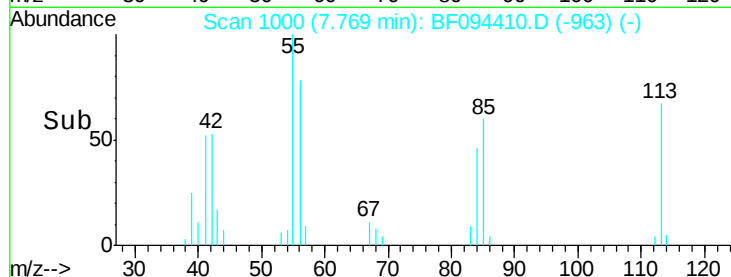
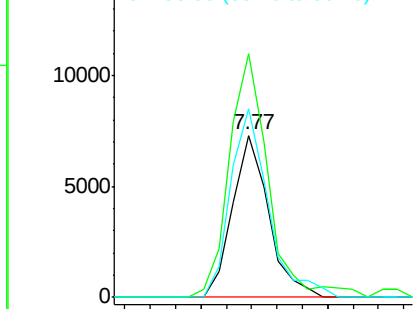
Tot Ion:113 Resp: 7257
 Ion Ratio Lower Upper
 113 100
 55 150.2 150.2 190.2#
 56 116.6 107.8 147.8

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



#36

4-Chloro-3-methylphenol

Concen: 4.91 ng

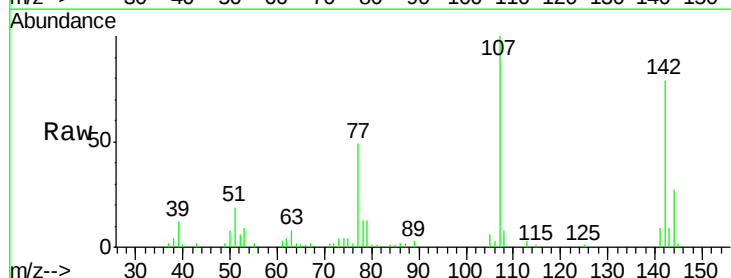
RT: 8.01 min Scan# 1041

Delta R.T. -0.05 min

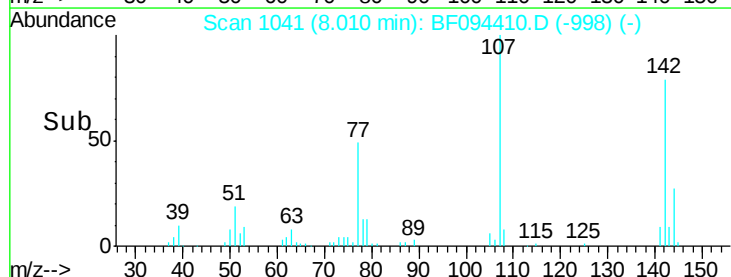
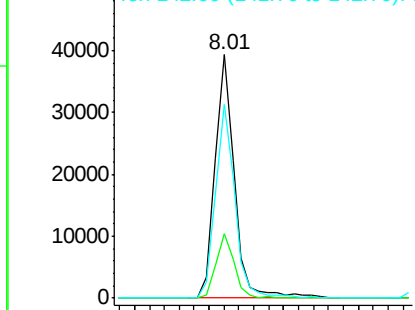
Lab File: BF094410.D

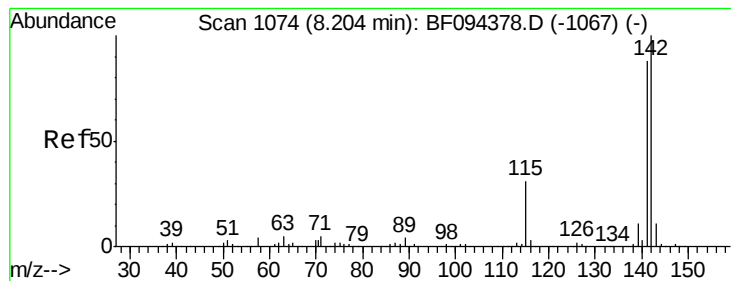
Acq: 14 Apr 2017 00:18

Tgt Ion:107 Resp: 35660
 Ion Ratio Lower Upper
 107 100
 144 26.7 24.2 36.4
 142 79.5 73.4 110.0



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





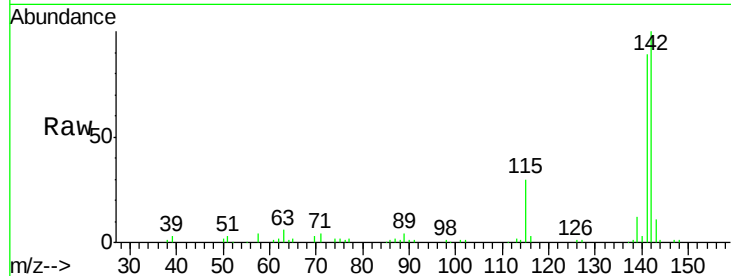
#37
2-Methylnaphthalene
Concen: 5.38 ng
RT: 8.16 min Scan# 1066
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

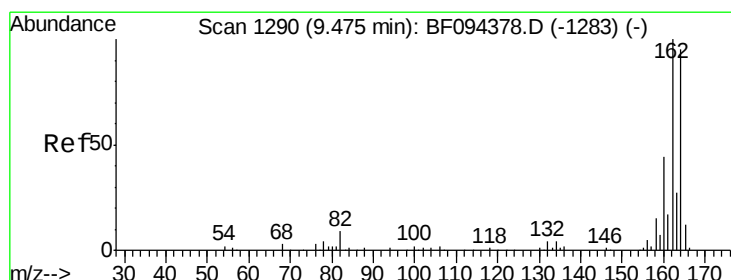
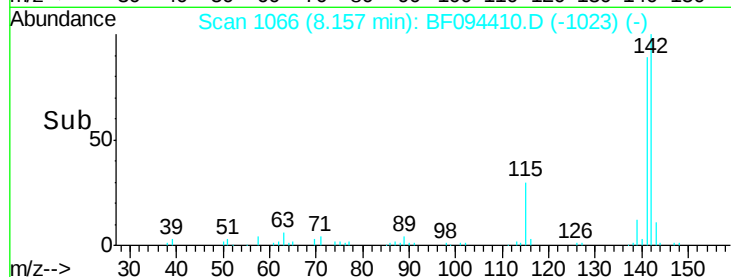
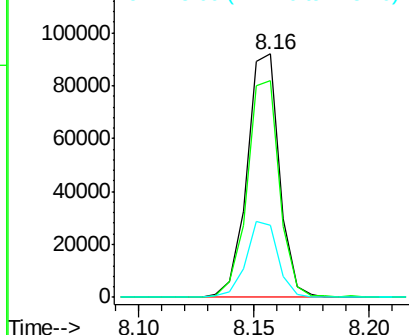
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	29.8	27.1	40.7

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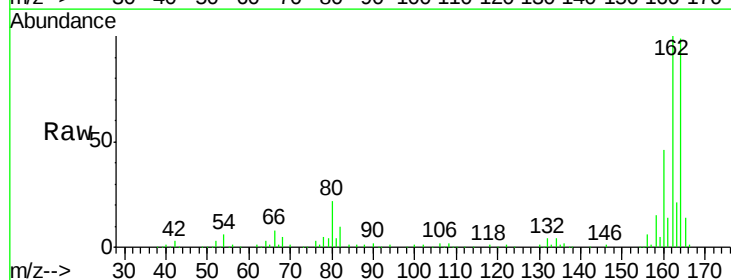


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

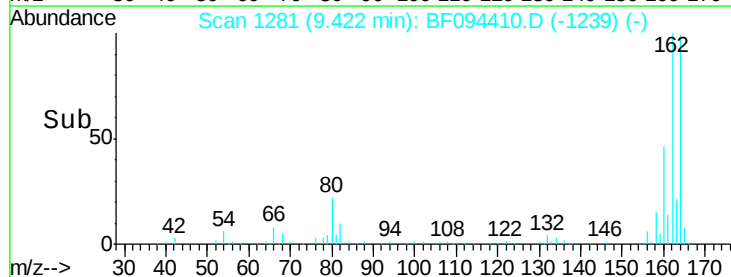
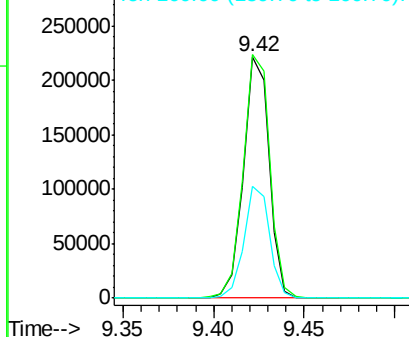


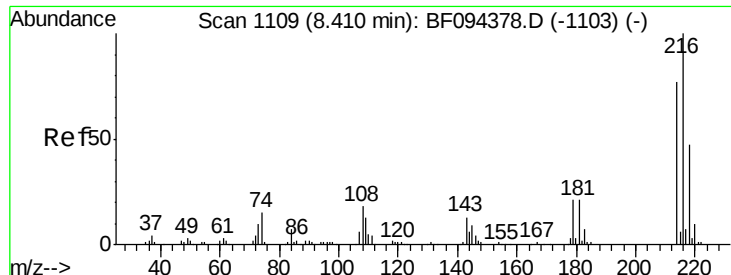
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	46.4	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





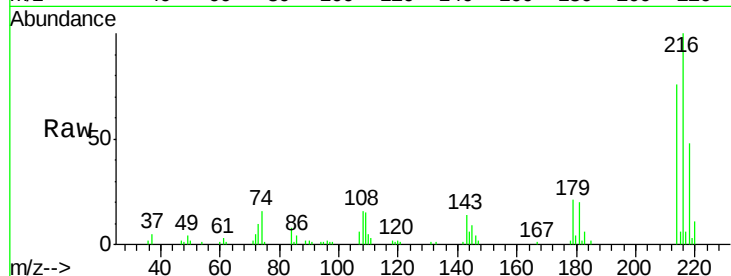
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.95 ng
 RT: 8.36 min Scan# 1101
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

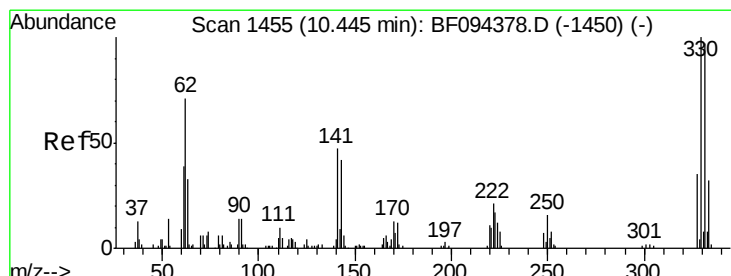
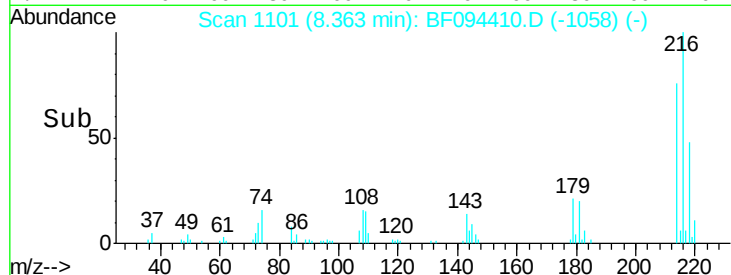
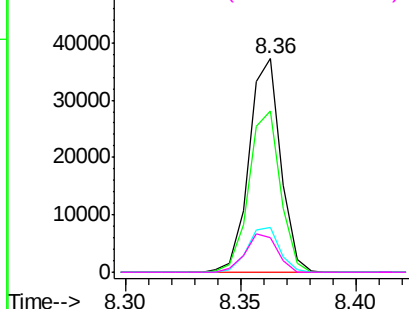
Tot Ion:	216	Resp:	35471
Ion Ratio	Lower	Upper	
216	100		
214	76.1	63.4	95.2
179	21.5	17.9	26.9
108	18.1	16.5	24.7

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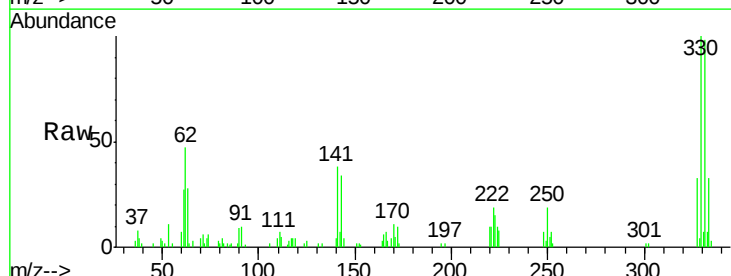


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

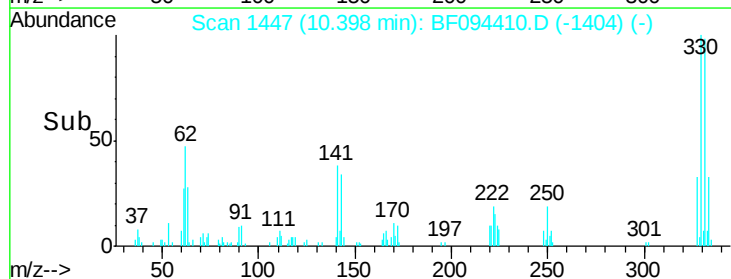
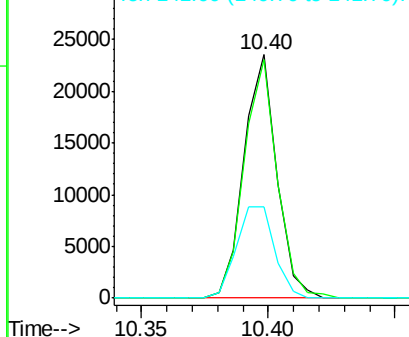


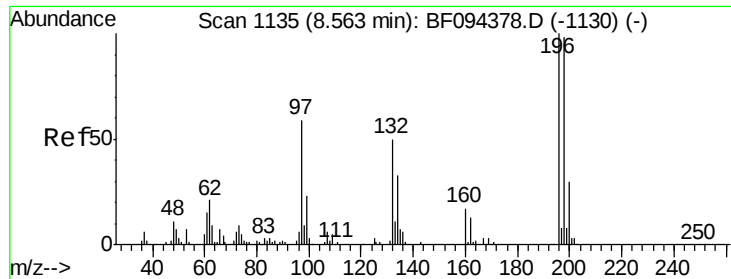
#41
 2,4,6-Tribromophenol
 Concen: 12.33 ng
 RT: 10.40 min Scan# 1447
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion:	330	Resp:	21228
Ion Ratio	Lower	Upper	
330	100		
332	98.7	76.6	115.0
141	43.6	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





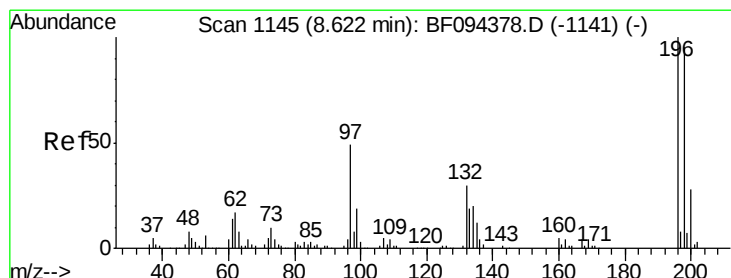
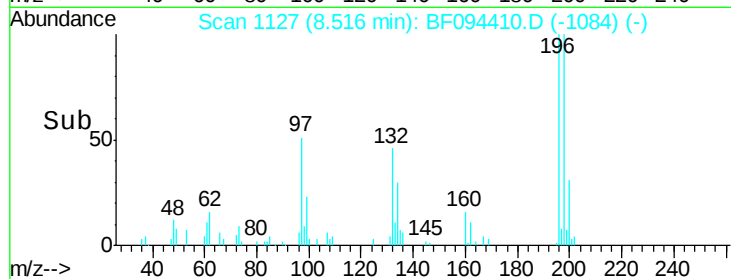
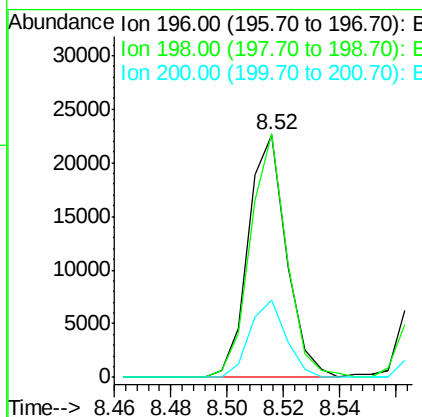
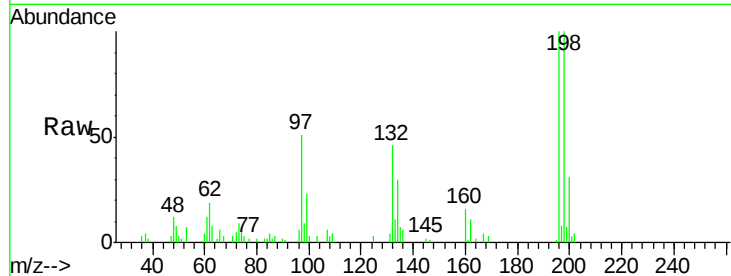
#42
 2,4,6-Trichlorophenol
 Concen: 5.04 ng
 RT: 8.52 min Scan# 1127
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	21251		
198	100.4	74.2	111.4	
200	31.6	24.0	36.0	

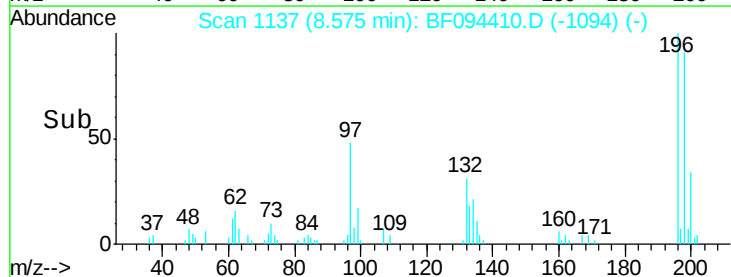
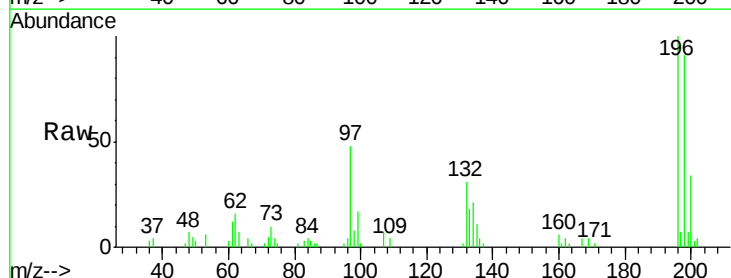
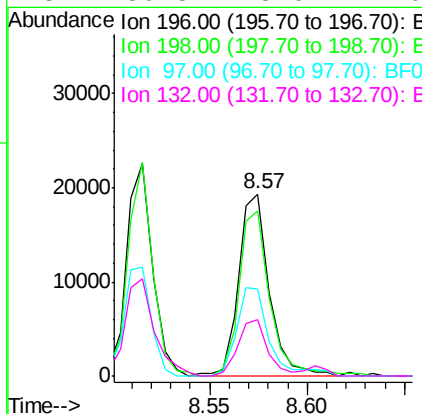
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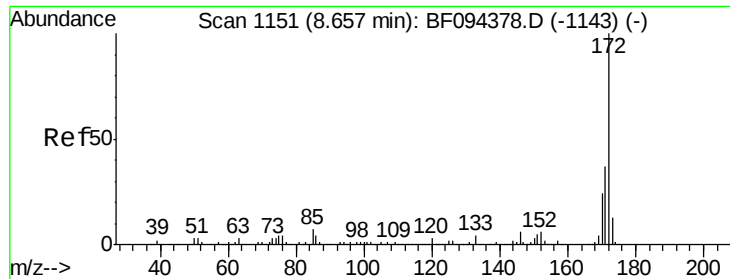
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#43
 2,4,5-Trichlorophenol
 Concen: 4.62 ng
 RT: 8.57 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	21059		
198	90.8	75.7	113.5	
97	47.8	47.7	71.5	
132	30.8	28.0	42.0	





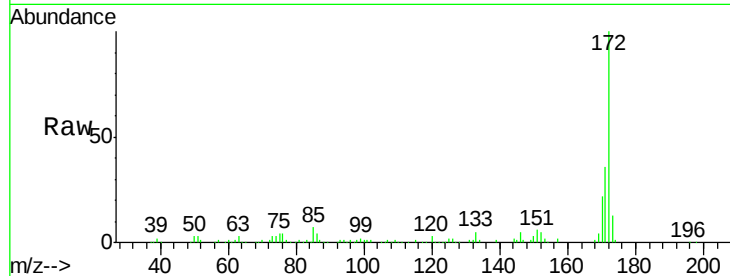
#44
2-Fluorobiphenyl
Concen: 12.61 ng
RT: 8.60 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

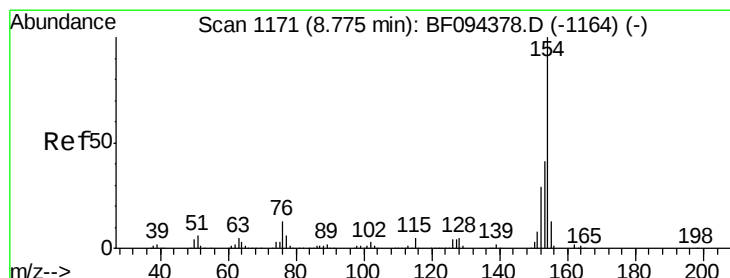
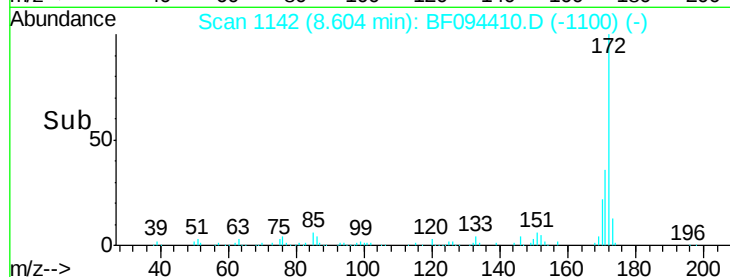
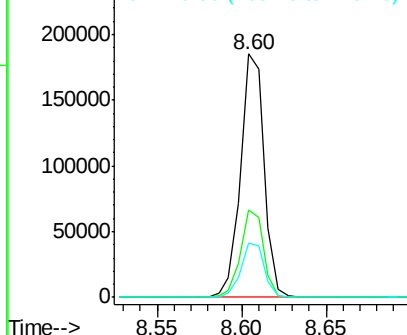
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.4	19.8	29.8

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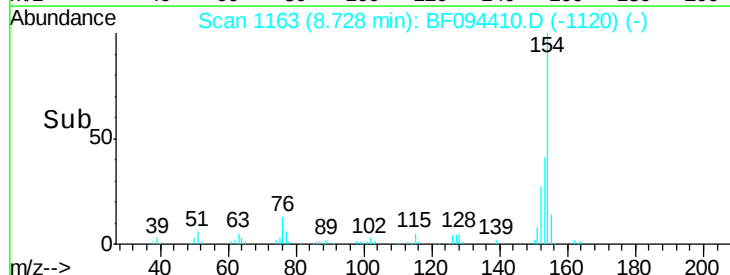
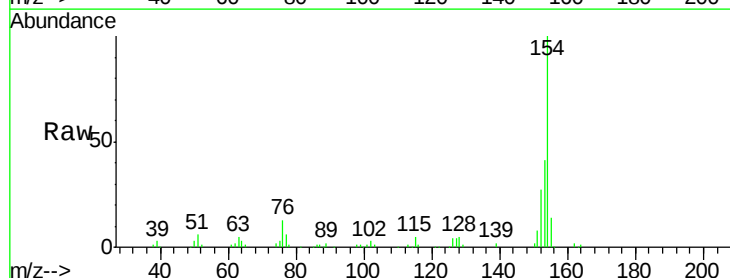
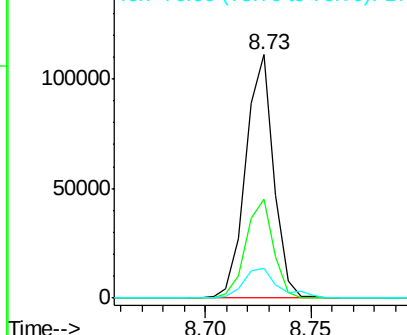
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

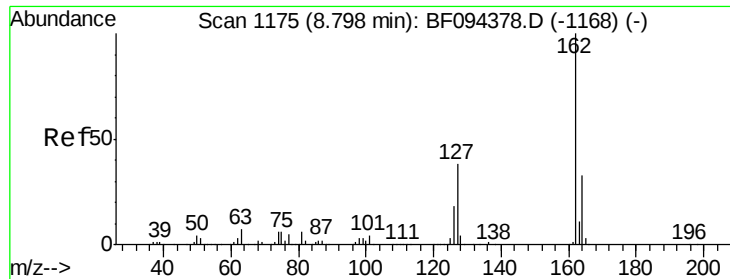


#45
1,1'-Biphenyl
Concen: 5.77 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.2	61.2
76	12.5	0.0	29.9

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





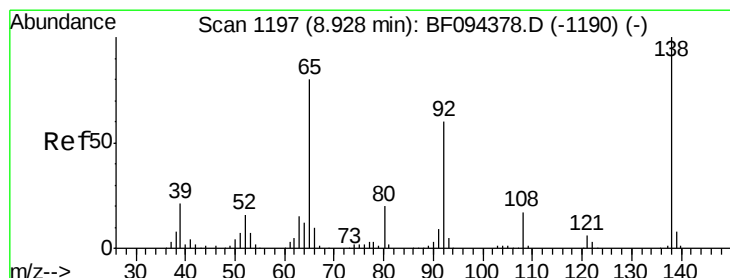
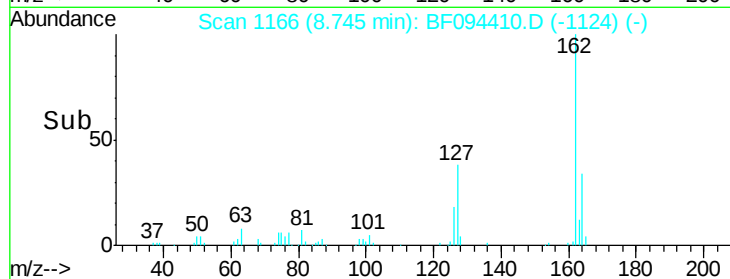
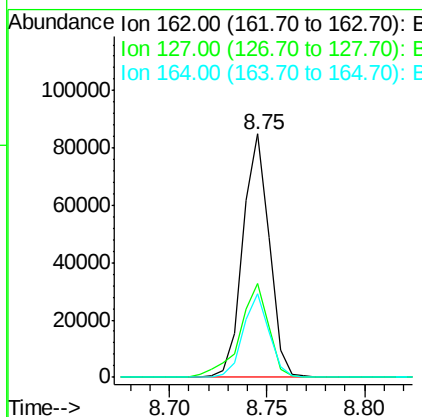
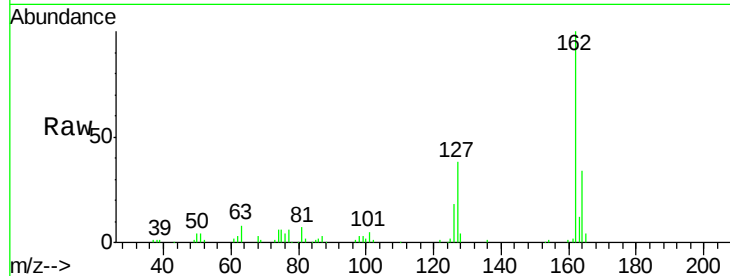
#46
 2-Chloronaphthalene
 Concen: 5.78 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	28.3	42.5
164	34.4	27.0	40.4

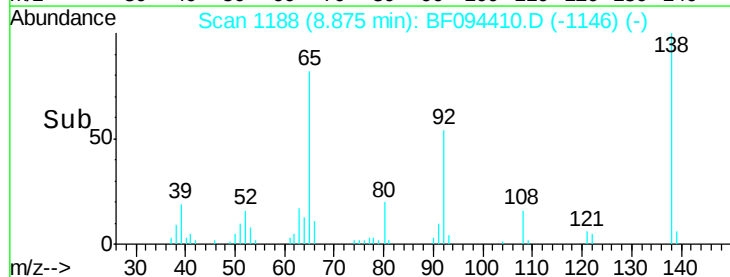
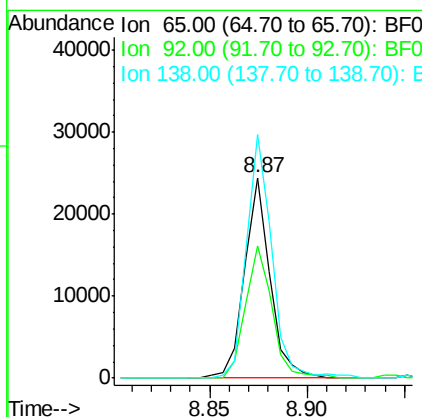
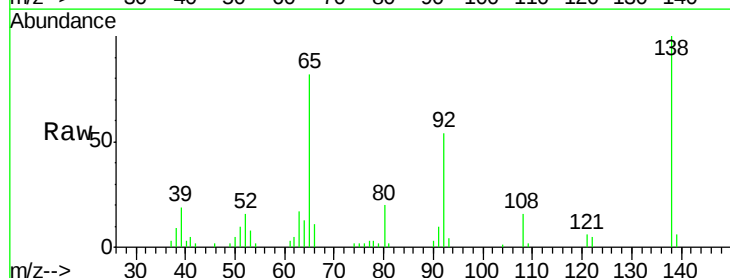
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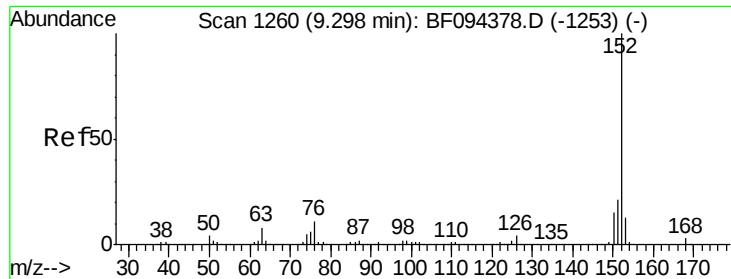
mohammad
 4/14/2017 1:36:40 PM



#47
 2-Nitroaniline
 Concen: 5.46 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.9	80.9
138	121.6	78.8	118.2#





#48

Acenaphthylene

Concen: 5.36 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

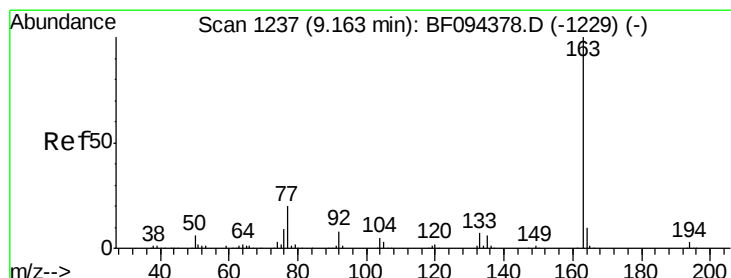
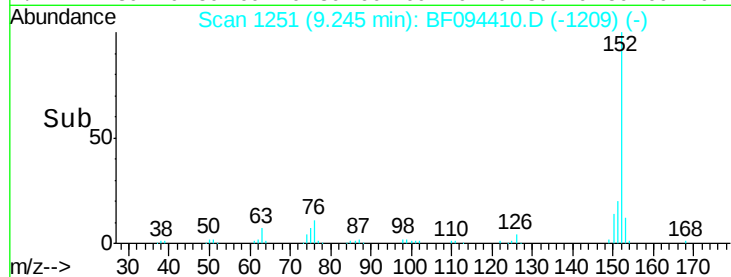
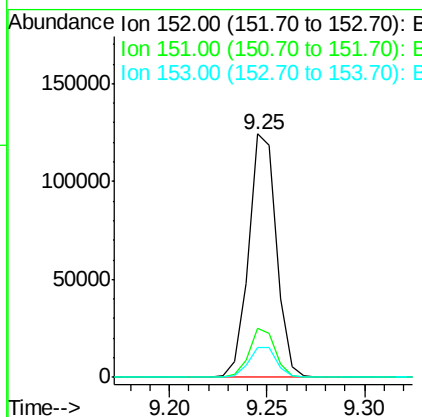
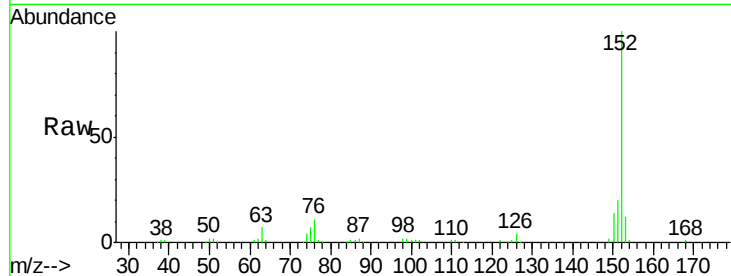
ClientSampleId :

E2-Z8-BASEMS

Tot Ion:	152	Resp:	122621
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.8	25.2
153	12.0	10.8	16.2

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#49

Dimethylphthalate

Concen: 6.63 ng

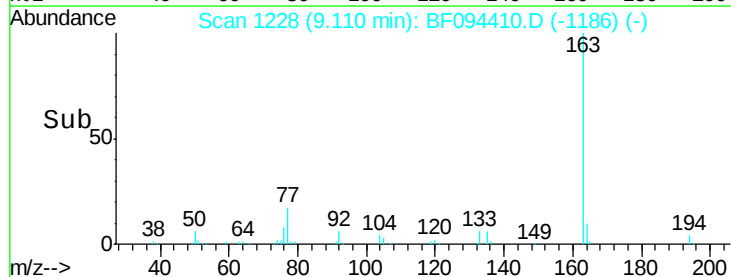
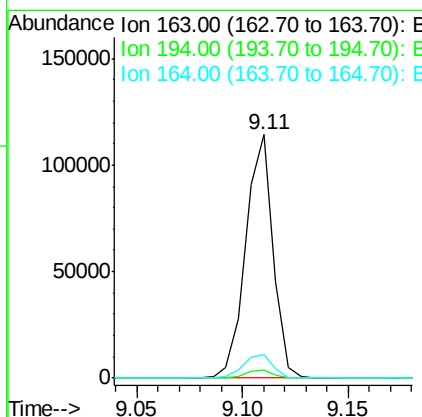
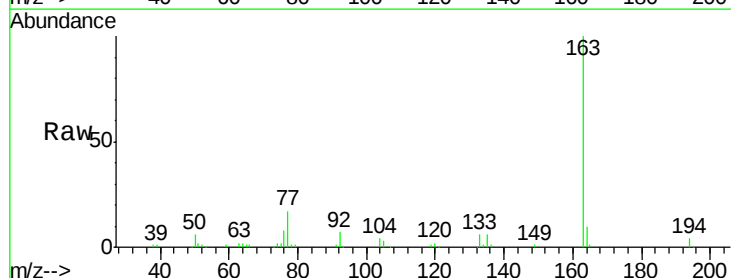
RT: 9.11 min Scan# 1228

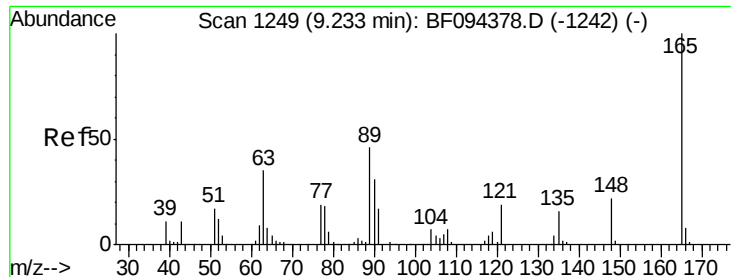
Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	163	Resp:	102716
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6





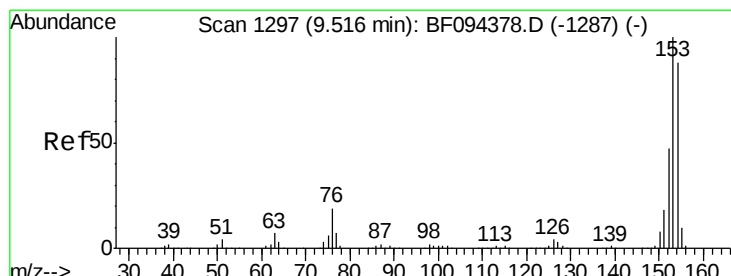
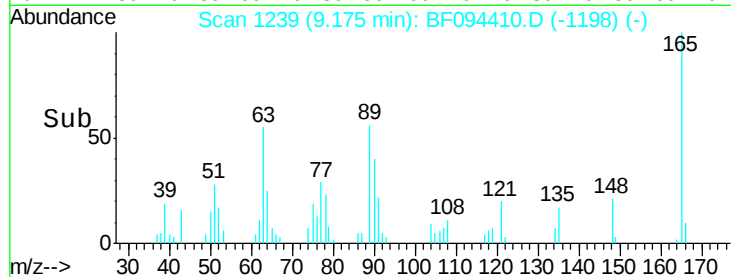
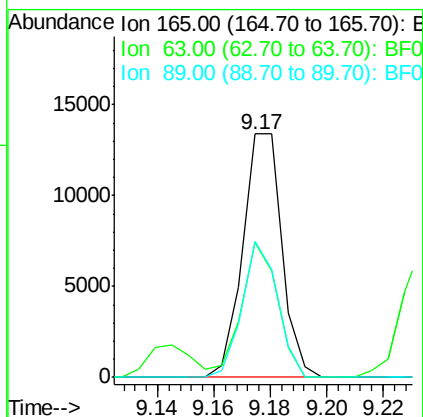
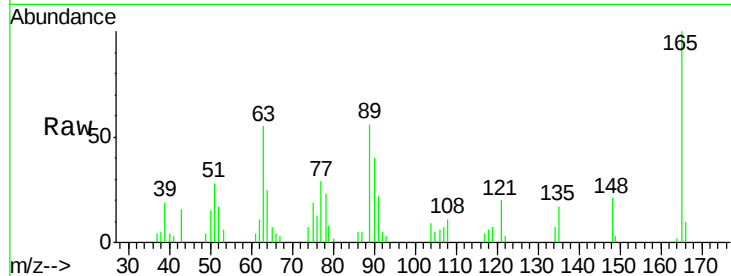
#50
2,6-Dinitrotoluene
Concen: 3.64 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	34.3	51.5#
89	55.9	37.1	55.7#

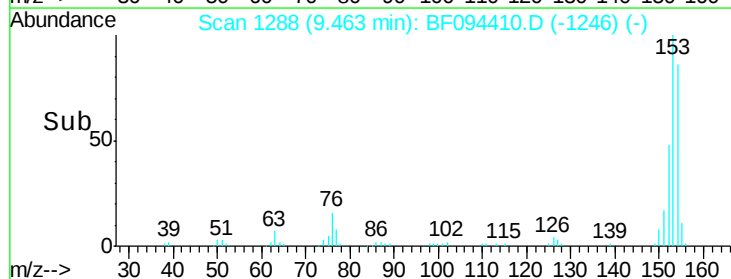
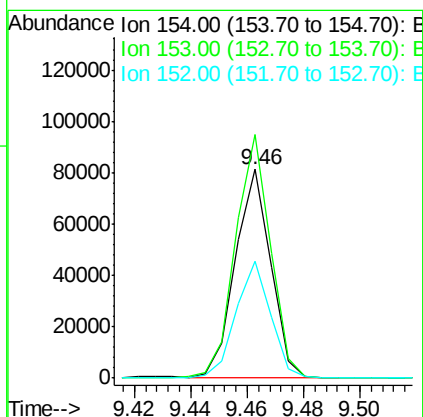
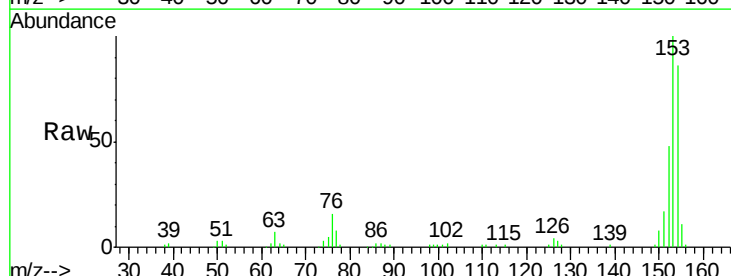
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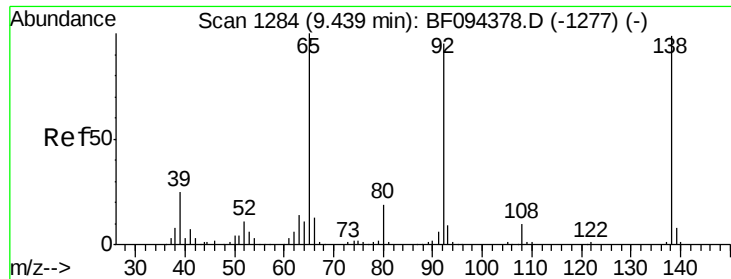
mohammad
4/14/2017 1:36:40 PM



#51
Acenaphthene
Concen: 5.31 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.7	90.5	135.7
152	55.8	43.6	65.4





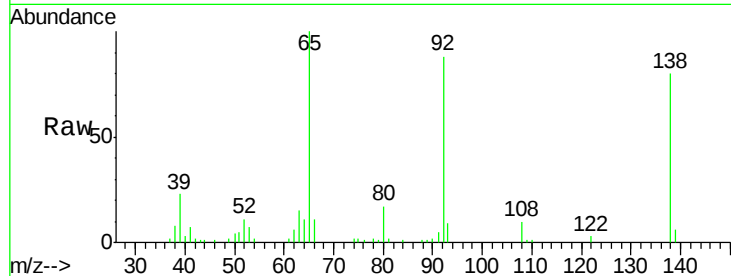
#52
3-Nitroaniline
Concen: 5.25 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

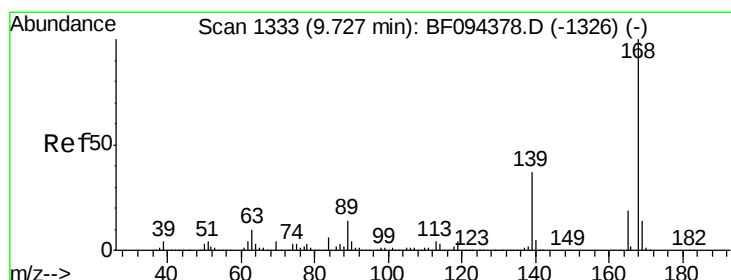
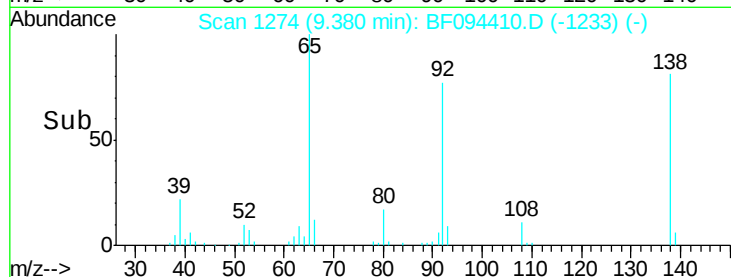
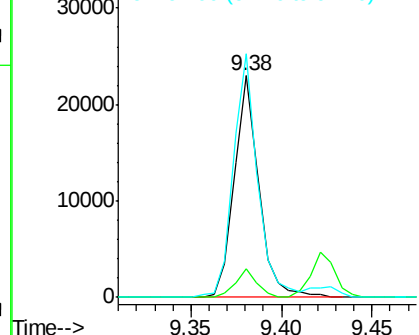
Tot Ion	Ratio	Lower	Upper
138	100		
108	13.1	9.1	13.7
92	110.0	93.8	140.6

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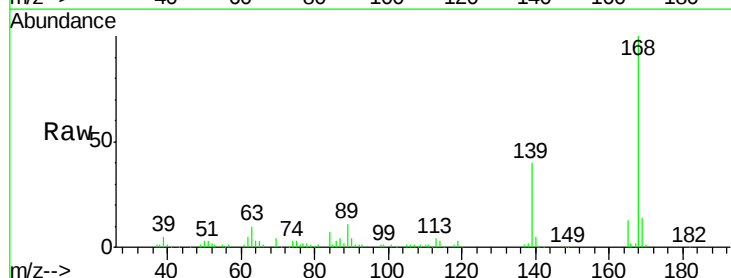


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

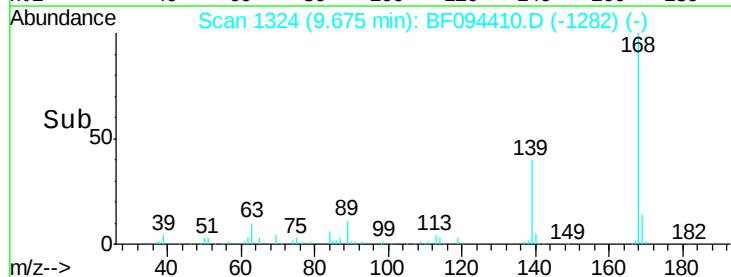
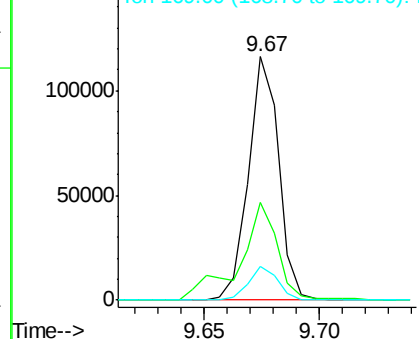


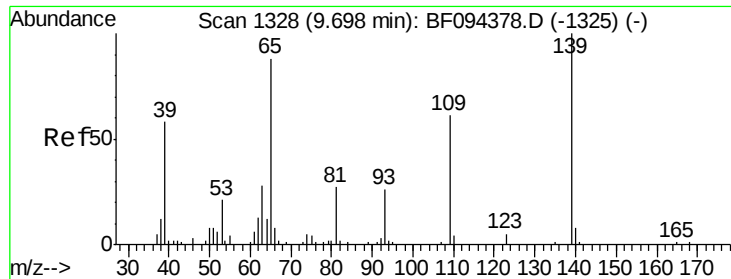
#54
Dibenzofuran
Concen: 5.87 ng
RT: 9.67 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.6	45.8
169	14.0	10.8	16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 4.06 ng/mL

RT: 9.65 min Scan# 1320

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

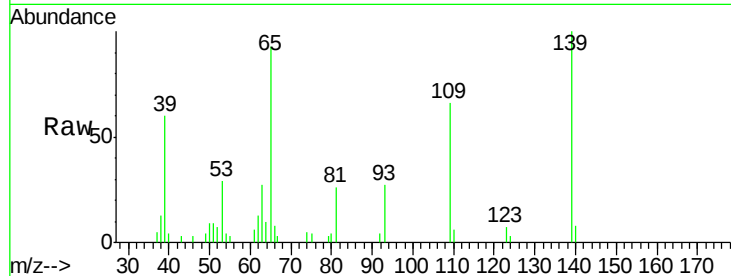
ClientSampleId :

E2-Z8-BASEMS

Tot Ion:	139	Resp:	13241
Ion Ratio	Lower	Upper	
139	100		
109	66.2	34.1	74.1
65	93.1	31.4	71.4

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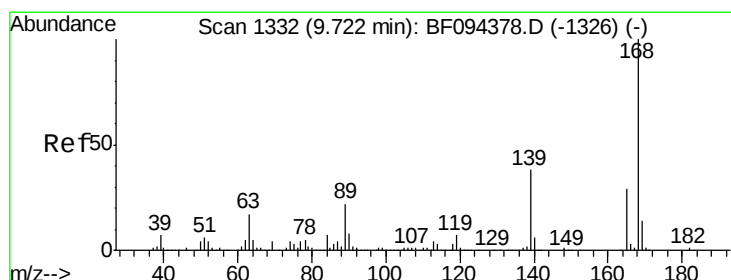
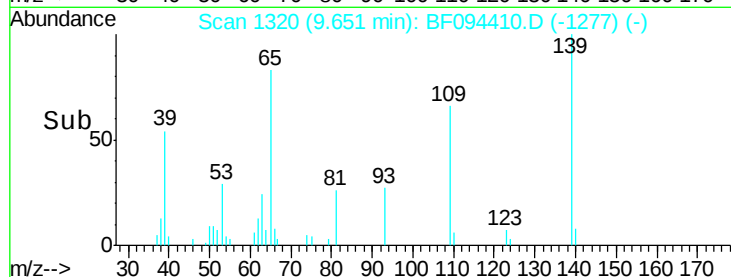
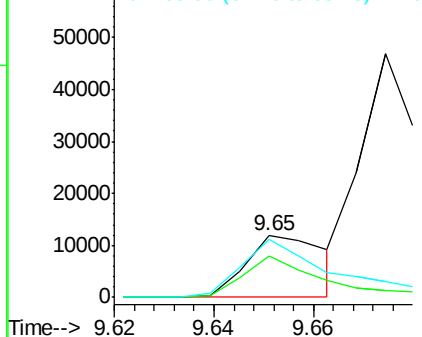


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 3.26 ng/mL

RT: 9.67 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	165	Resp:	14532
Ion Ratio	Lower	Upper	
165	100		
63	75.4	25.4	38.0
89	82.2	46.4	69.6
182	2.7	1.8	2.6

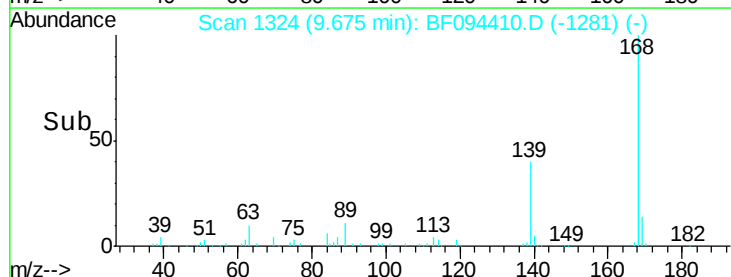
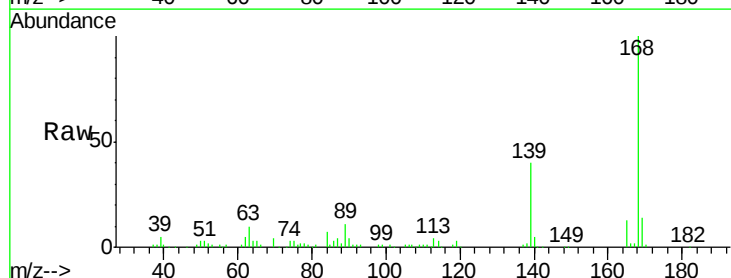
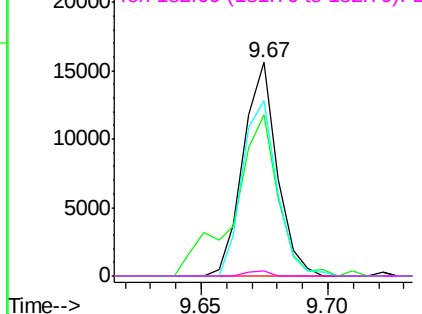
Abundance

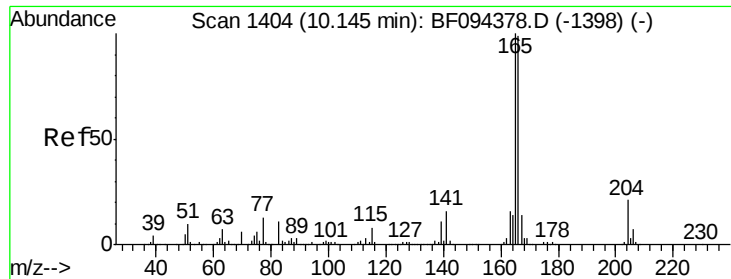
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





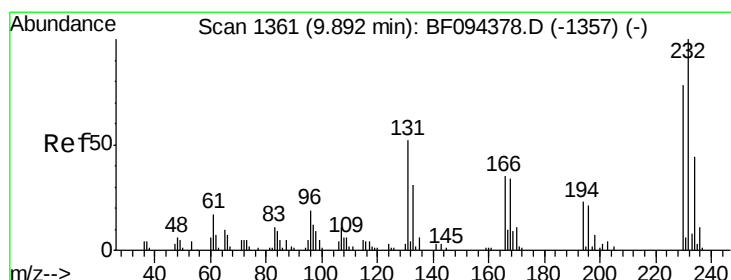
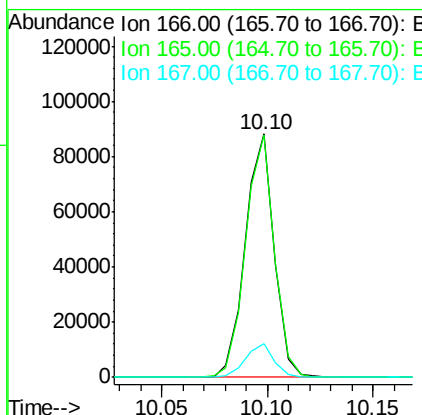
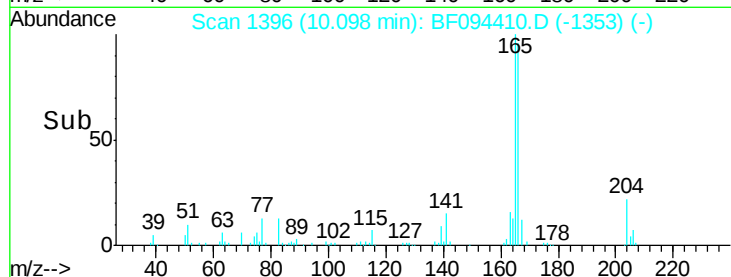
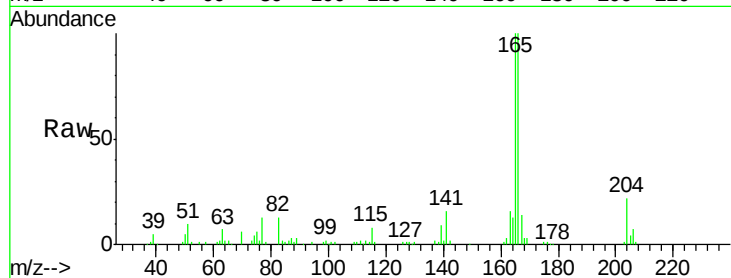
#57
 Fluorene
 Concen: 5.53 ng
 RT: 10.10 min Scan# 1396
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	83224		
165	99.7	78.8	118.2	
167	13.8	10.6	16.0	

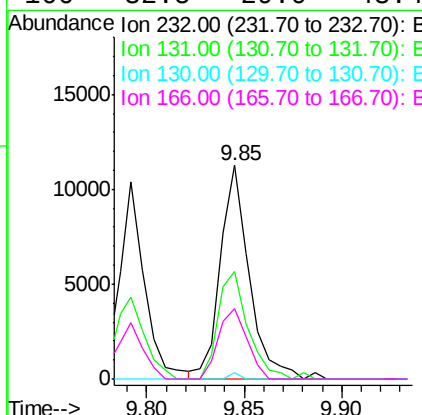
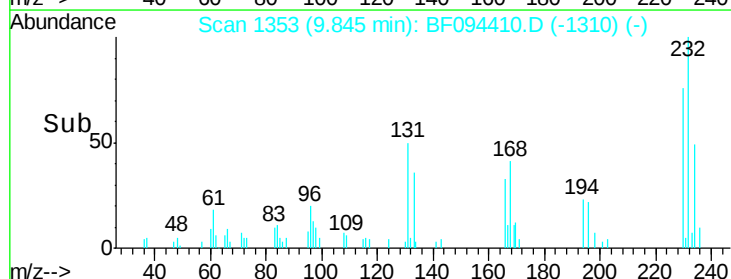
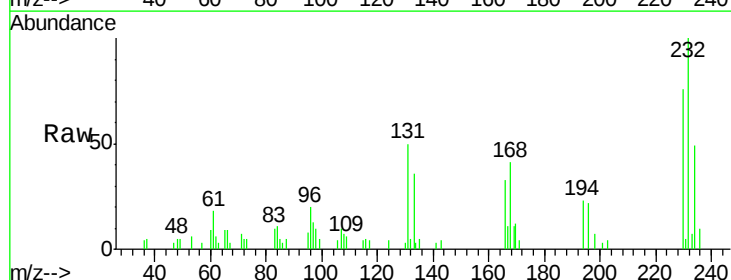
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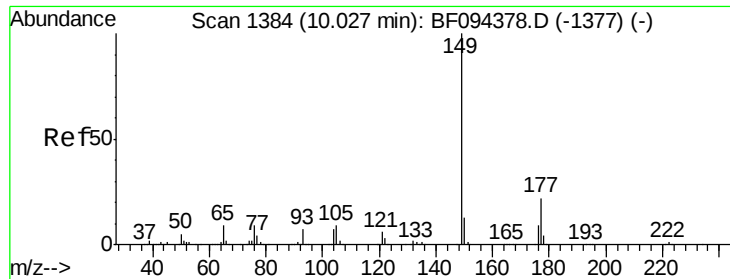
mohammad
 4/14/2017 1:36:40 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.71 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	11625		
131	52.4	44.8	67.2	
130	1.0	2.3	3.5	
166	32.5	29.0	43.4	





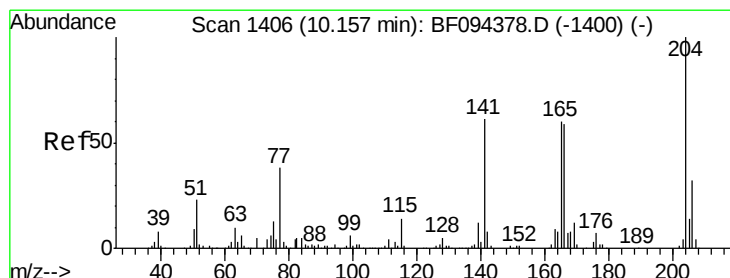
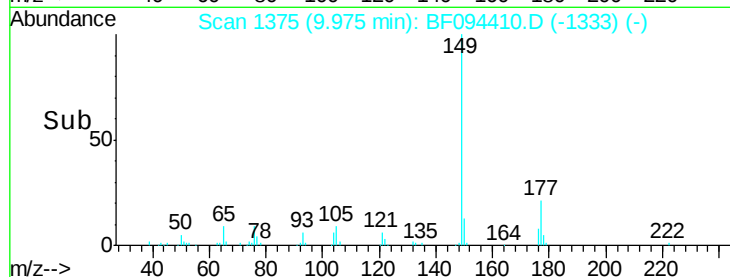
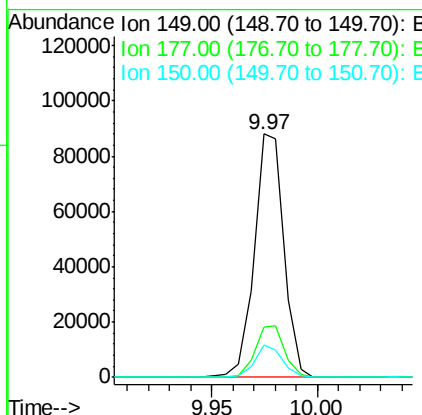
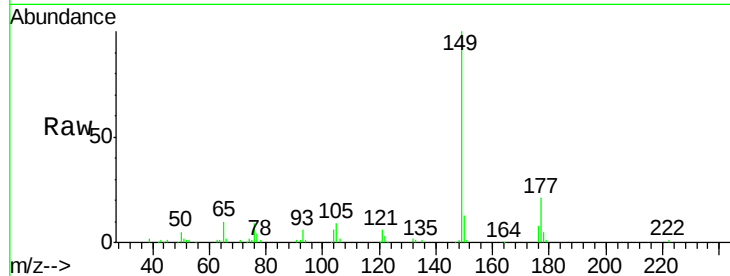
#59
Diethylphthalate
Concen: 5.59 ng
RT: 9.97 min Scan# 1375
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BAEMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	13.4	10.2	15.2

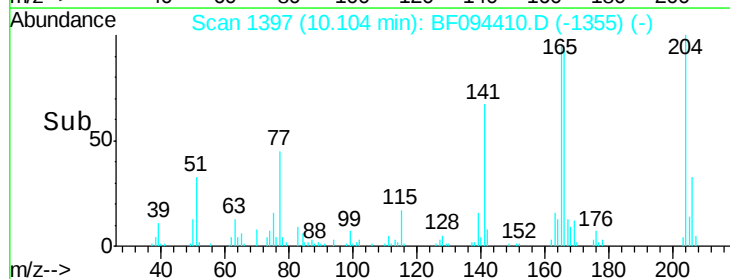
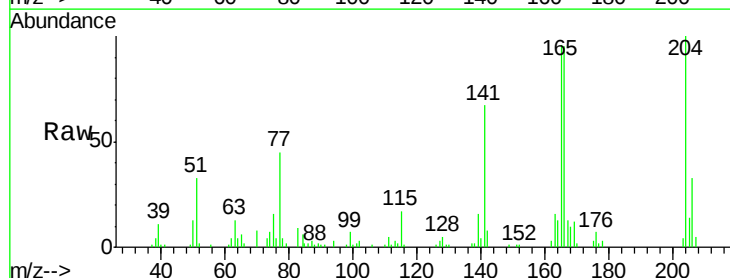
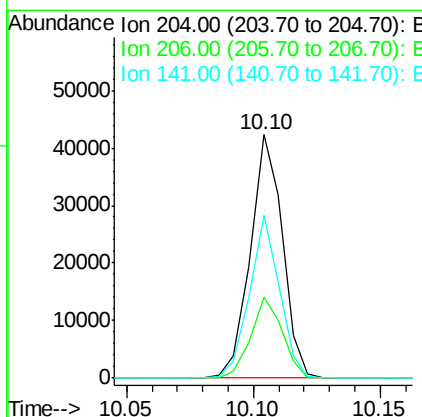
Manual Integrations
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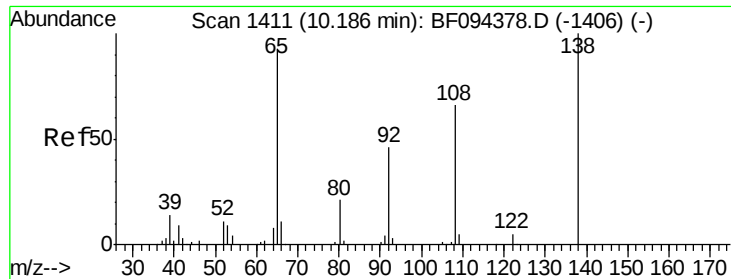
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 5.85 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	66.9	60.8	91.2





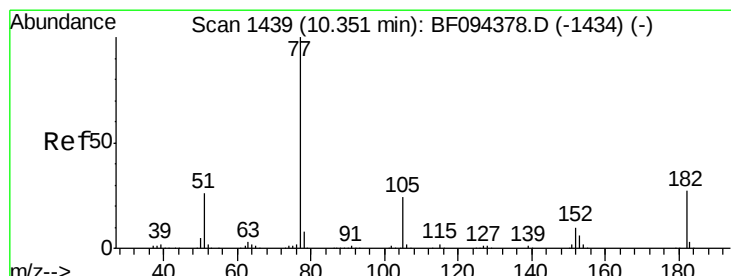
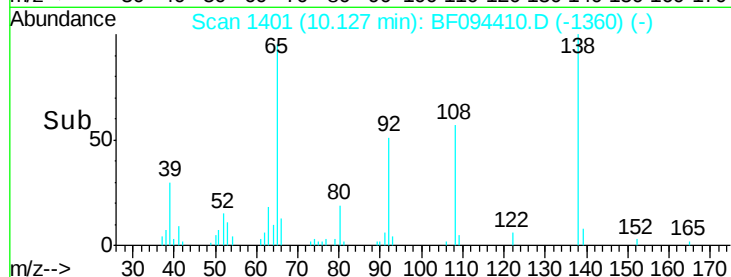
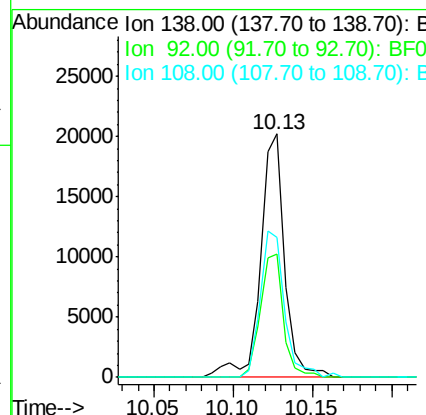
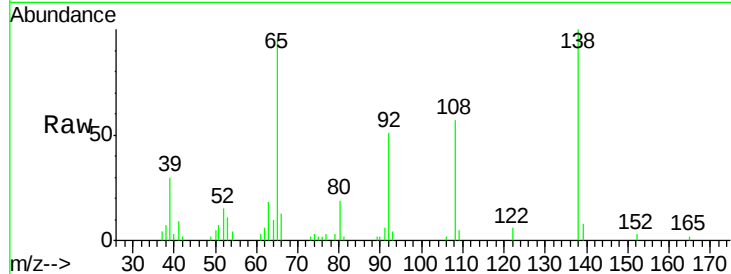
#61
4-Nitroaniline
Concen: 5.37 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampled :
E2-Z8-BAEMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.8	21.8	61.8
108	57.5	42.3	82.3

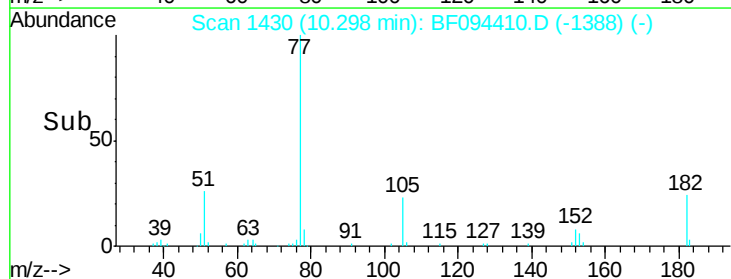
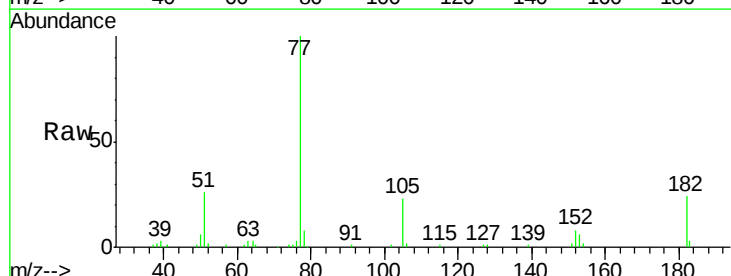
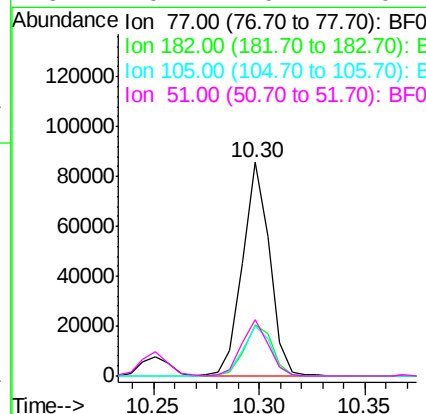
Manual Integrations
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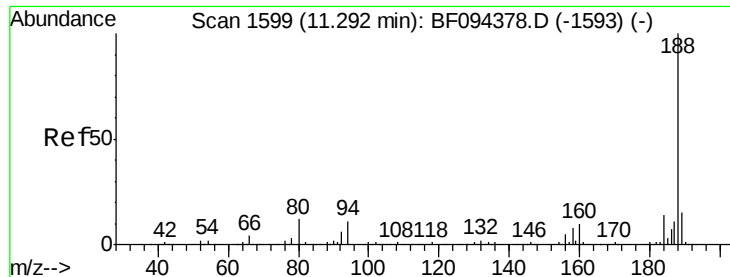
mohammad
4/14/2017 1:36:40 PM



#62
Azobenzene
Concen: 5.22 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	0.1	40.1
105	23.1	3.6	43.6
51	26.4	9.4	49.4





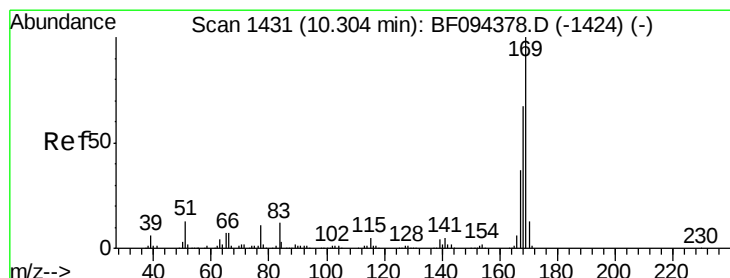
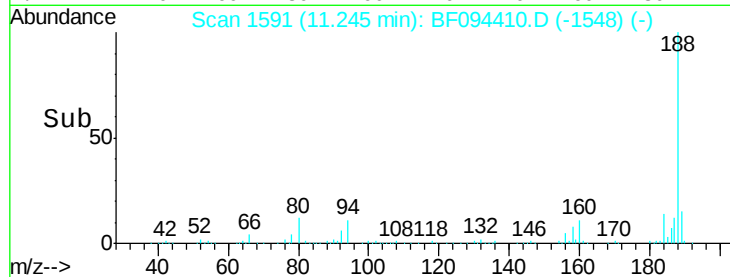
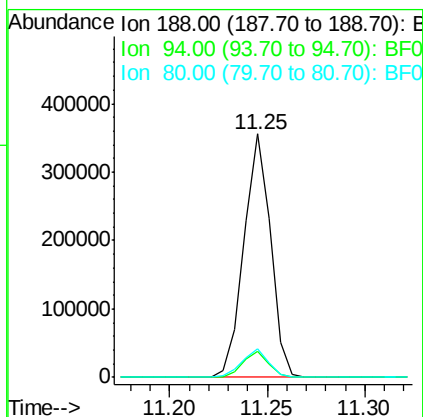
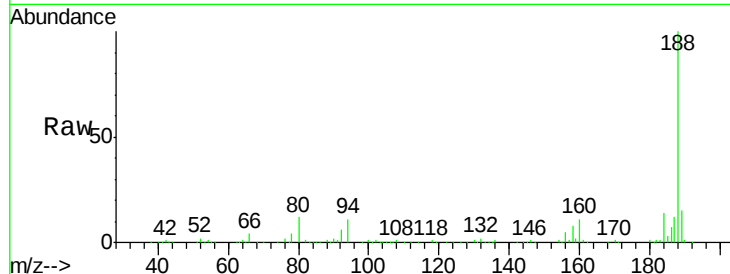
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 1591
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	337800		
94	10.6		9.4	14.2
80	11.8		10.2	15.2

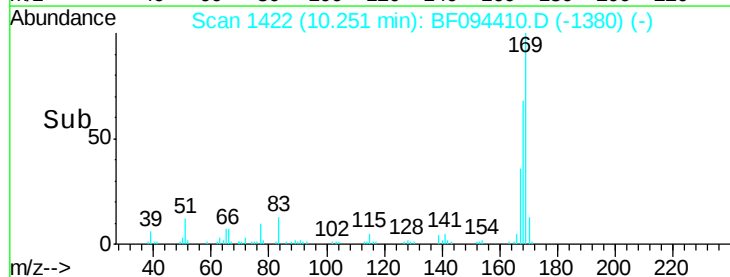
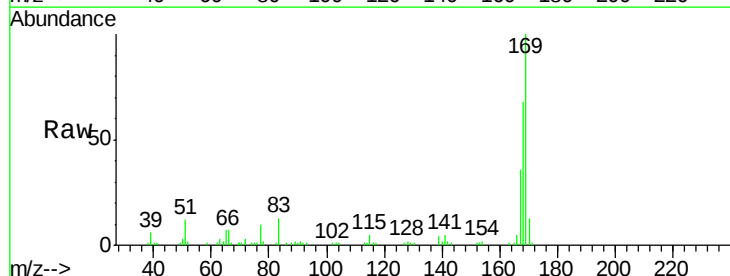
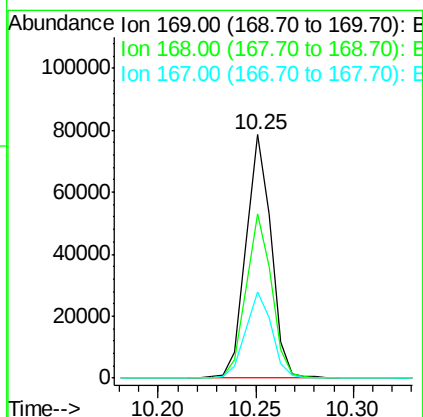
Manual Integrations
APPROVED

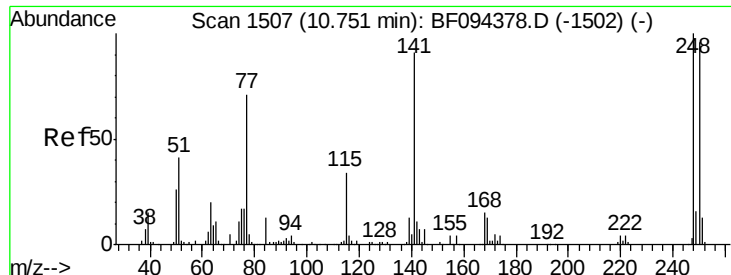
mohammad
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#65
n-Nitrosodiphenylamine
Concen: 6.02 ng
RT: 10.25 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	70358		
168	67.7		53.2	79.8
167	35.6		29.5	44.3





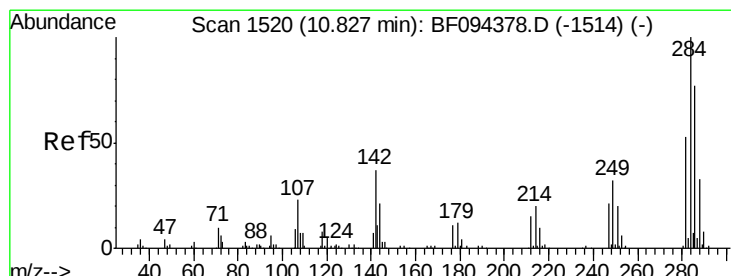
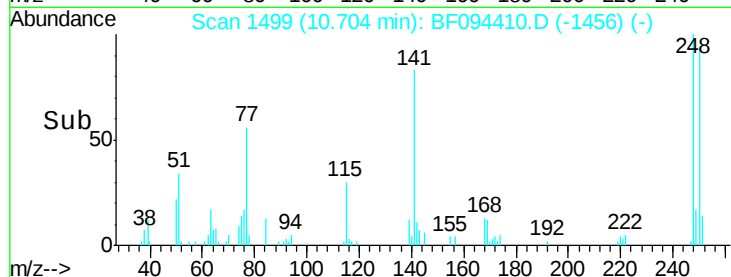
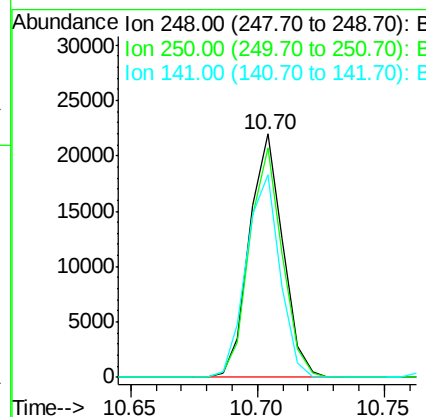
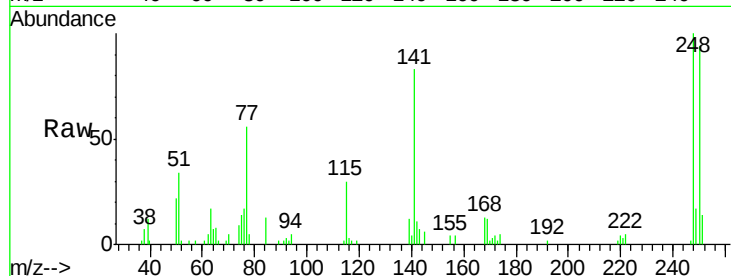
#66
4-Bromophenyl-phenylether
Concen: 6.07 ng
RT: 10.70 min Scan# 1499
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BAEMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.8	115.2
141	83.1	68.6	103.0

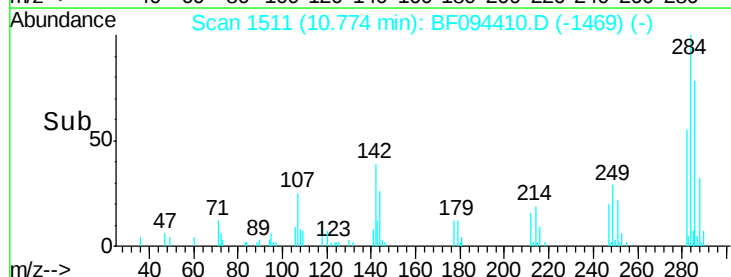
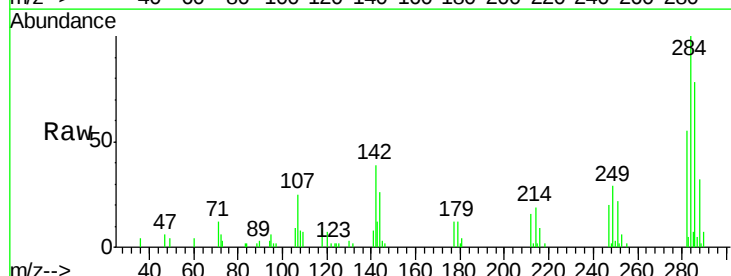
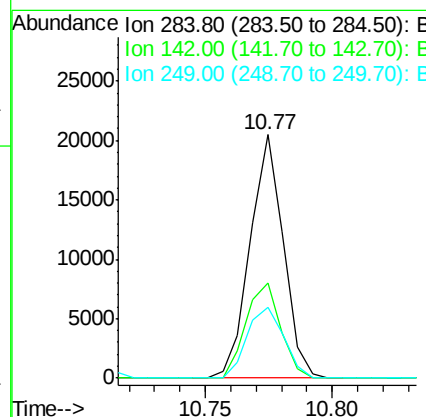
Manual Integrations
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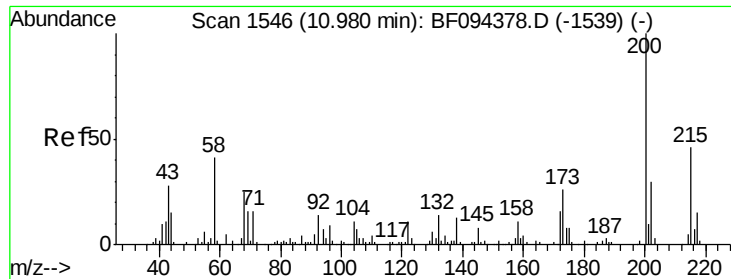
mohammad
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#67
Hexachlorobenzene
Concen: 5.57 ng
RT: 10.77 min Scan# 1511
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.0	22.8	34.2#
249	29.2	24.0	36.0





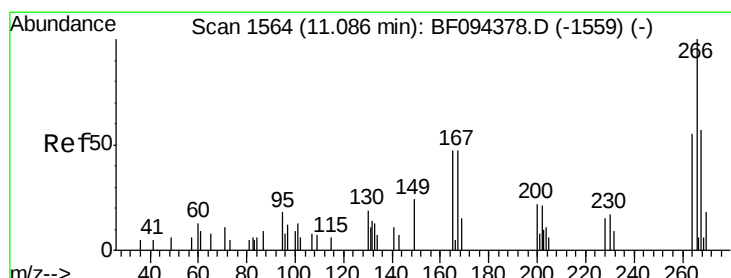
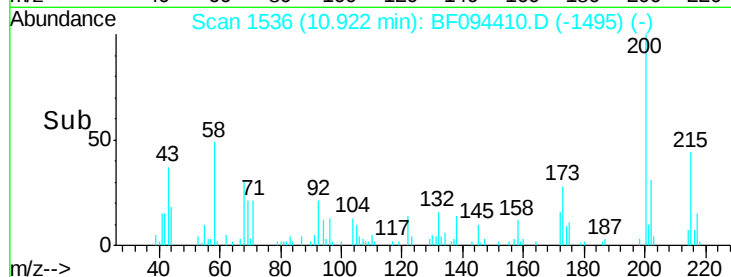
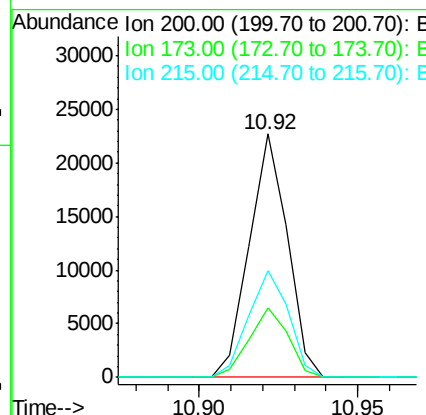
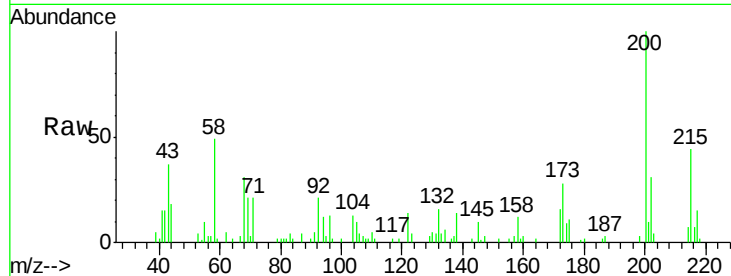
#68
 Atrazine
 Concen: 5.40 ng
 RT: 10.92 min Scan# 1536
 Delta R.T. -0.06 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BAEMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.3	46.3
215	43.8	27.2	67.2

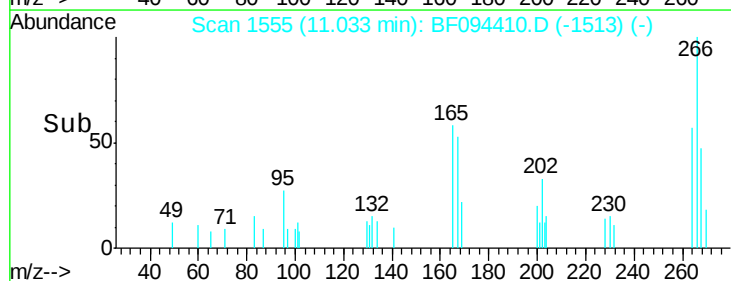
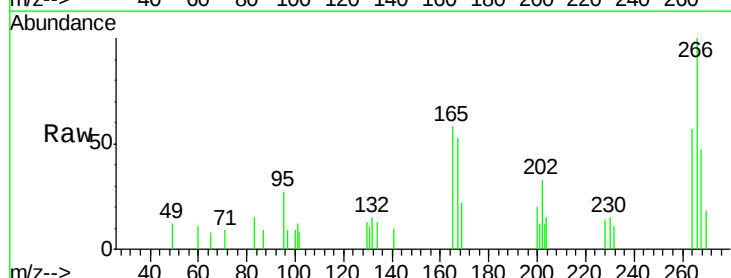
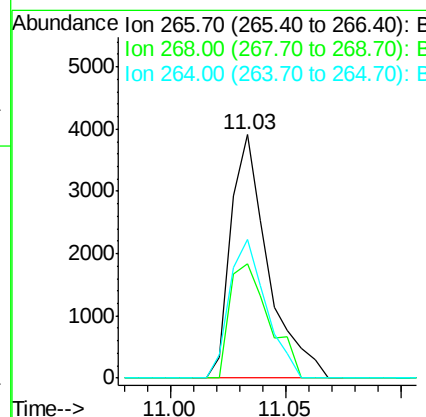
Manual Integrations
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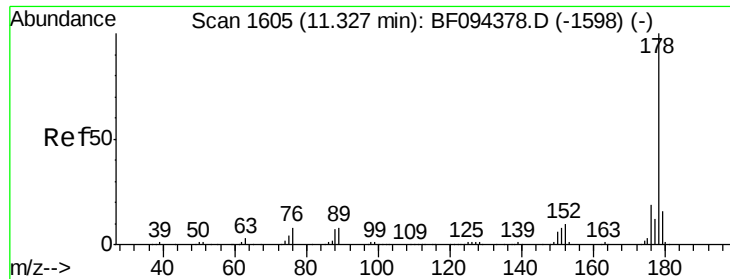
mohammad
 4/14/2017 1:36:40 PM



#69
 Pentachlorophenol
 Concen: 2.09 ng
 RT: 11.03 min Scan# 1555
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	47.1	51.1	76.7#
264	57.2	51.7	77.5





#70

Phenanthrene

Concen: 5.46 ng

RT: 11.27 min Scan# 1596

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

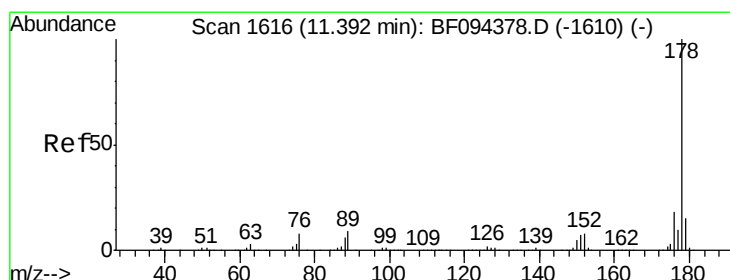
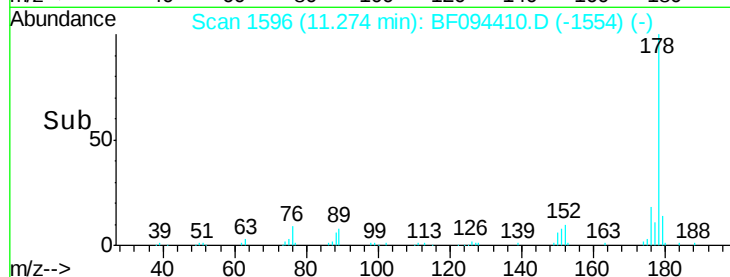
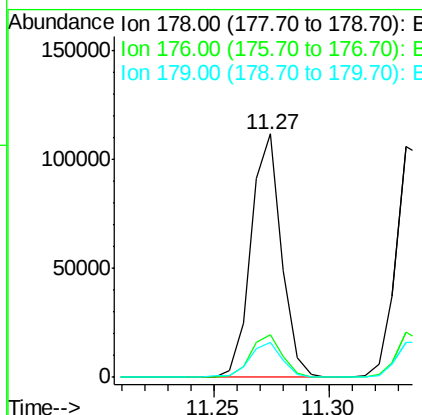
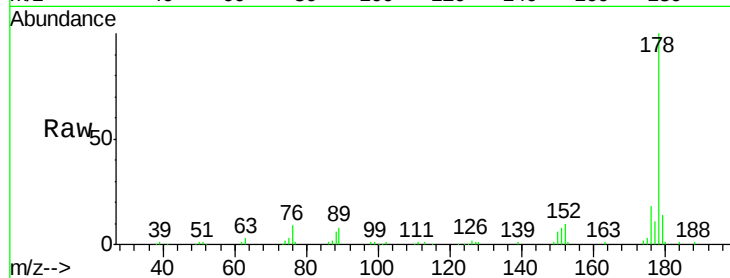
ClientSampleId :

E2-Z8-BASEMS

Tot Ion:	178	Resp:	102605
Ion Ratio	Lower	Upper	
178	100		
176	17.8	16.2	24.4
179	14.5	12.6	19.0

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#71

Anthracene

Concen: 5.40 ng

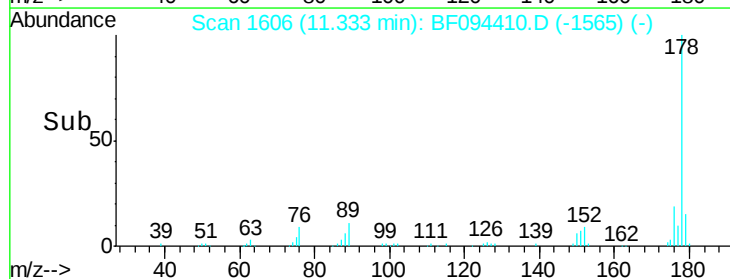
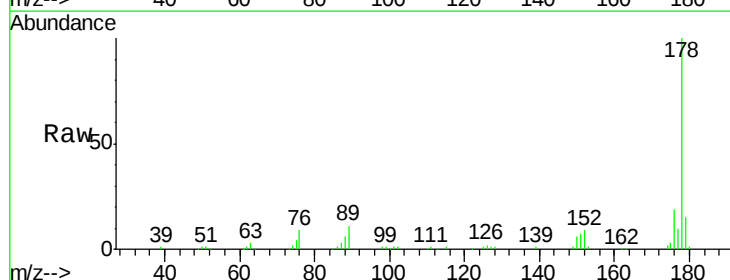
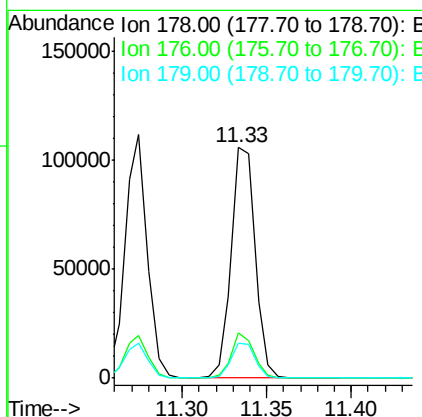
RT: 11.33 min Scan# 1606

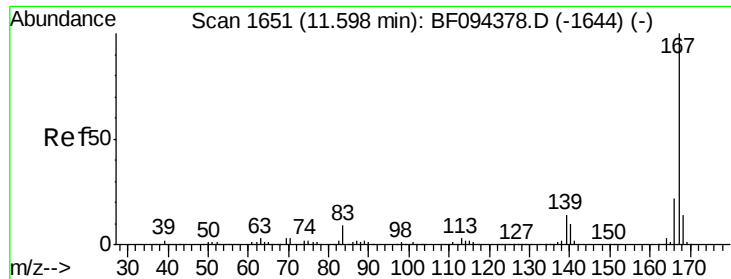
Delta R.T. -0.06 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	178	Resp:	104448
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	15.3	12.7	19.1





#72

Carbazole

Concen: 4.77 ng

RT: 11.55 min Scan# 1642

Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

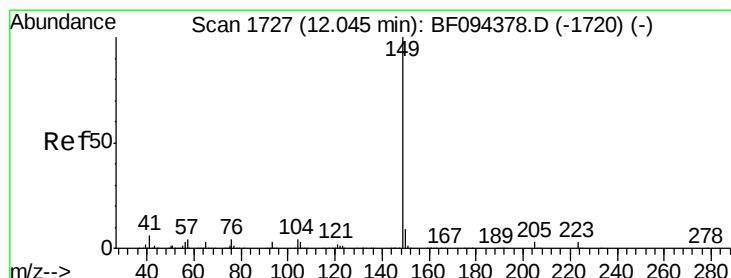
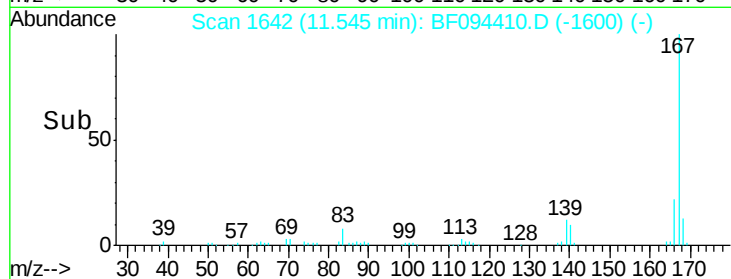
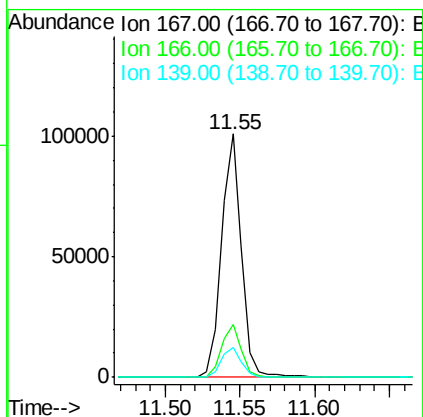
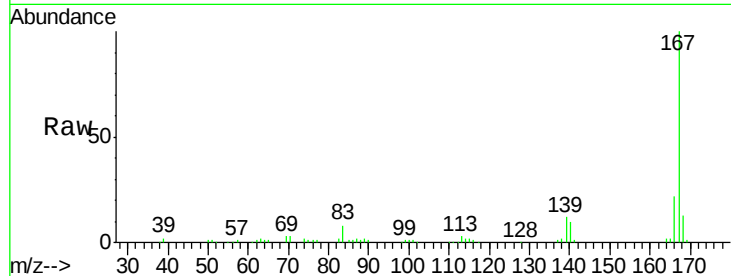
ClientSampled :

E2-Z8-BASEMS

Tot Ion:	167	Resp:	94616
Ion Ratio	Lower	Upper	
167	100		
166	21.8	18.1	27.1
139	12.1	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 5.96 ng

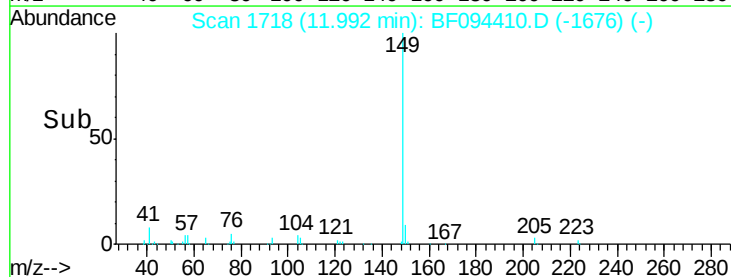
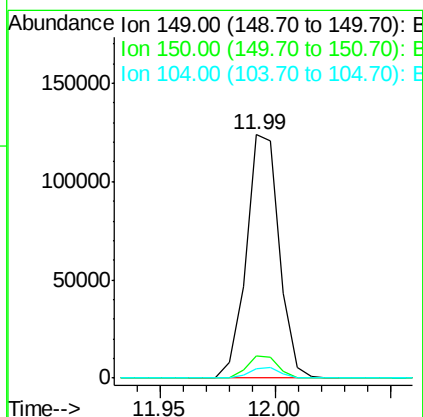
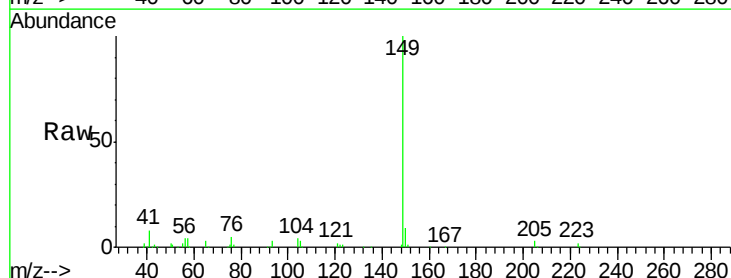
RT: 11.99 min Scan# 1718

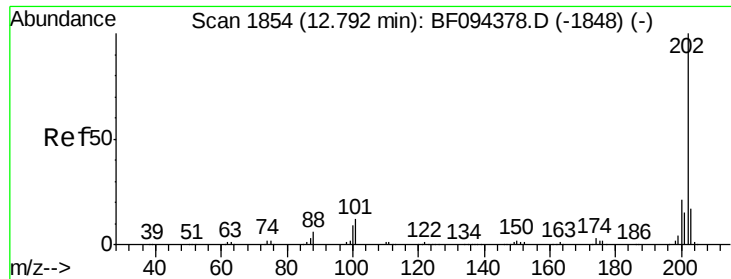
Delta R.T. -0.05 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	149	Resp:	123047
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.0	4.0	6.0





#74

Fluoranthene

Concen: 4.96 ng

RT: 12.73 min Scan# 1844

Delta R.T. -0.06 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

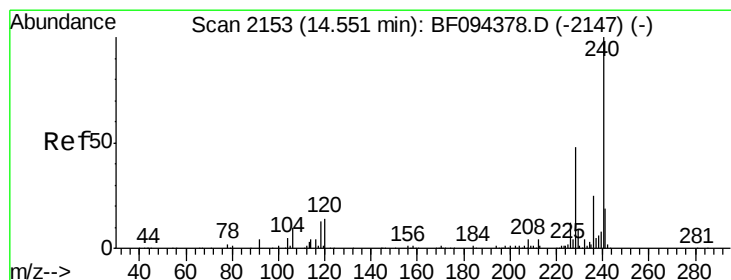
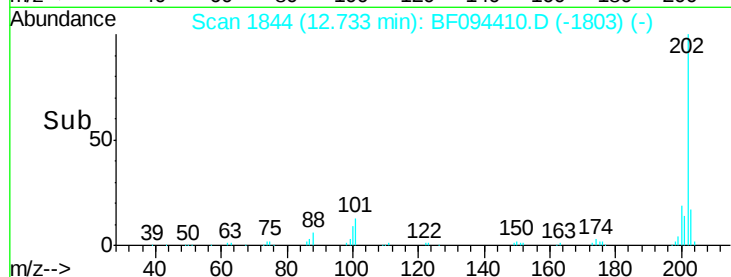
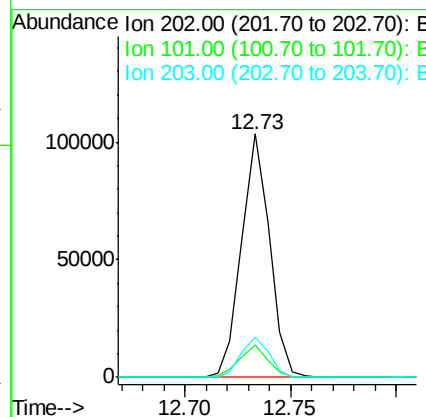
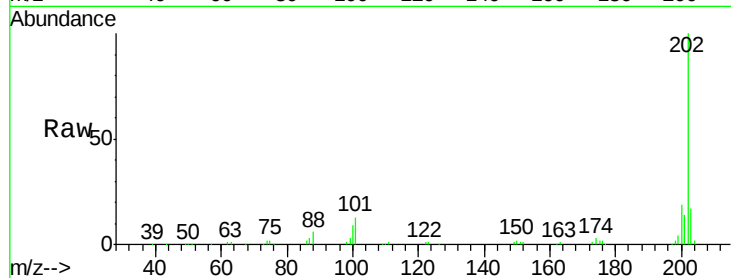
ClientSampleId :

E2-Z8-BASEMS

Tot Ion:	202	Resp:	95427
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	16.5	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

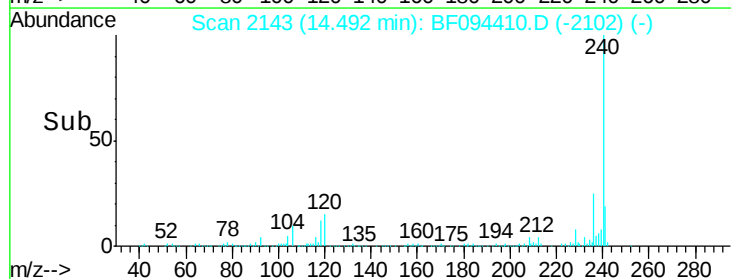
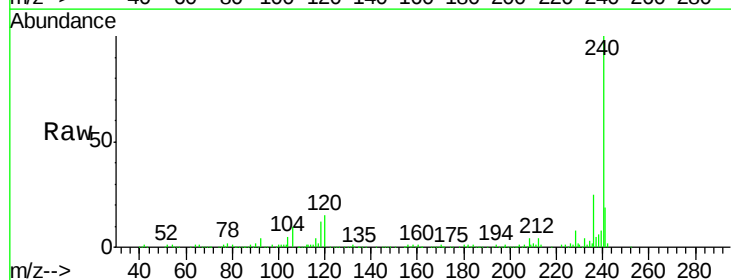
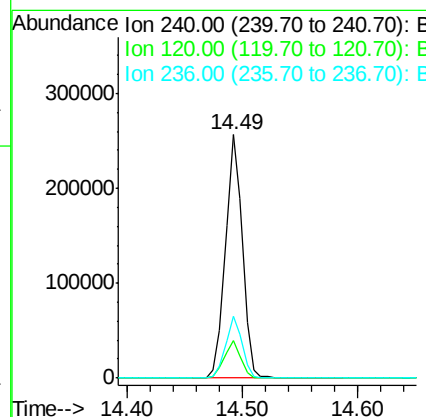
RT: 14.49 min Scan# 2143

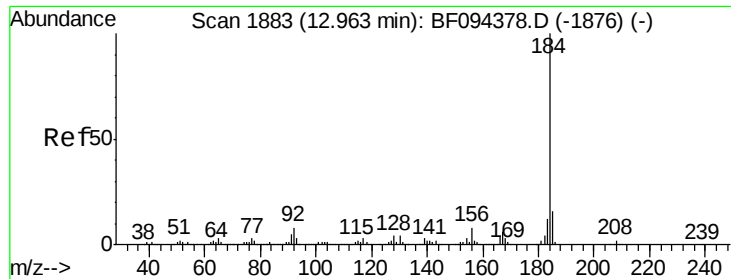
Delta R.T. -0.06 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	240	Resp:	262255
Ion Ratio	Lower	Upper	
240	100		
120	15.3	5.8	8.8#
236	25.2	20.5	30.7





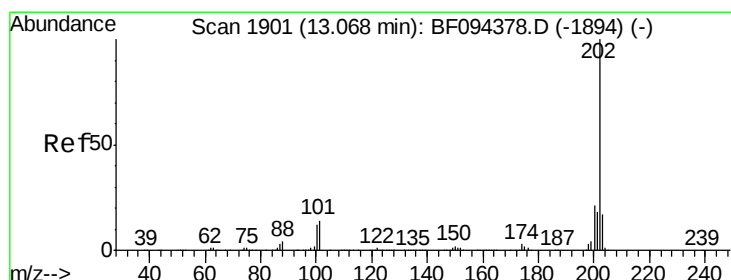
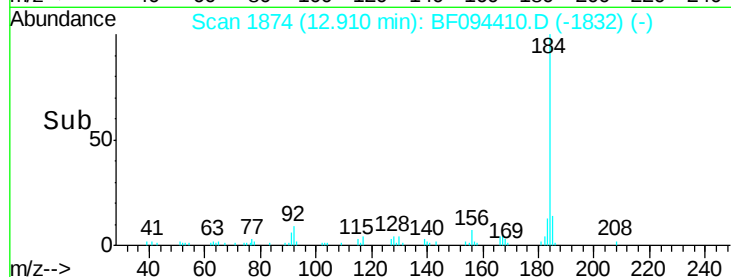
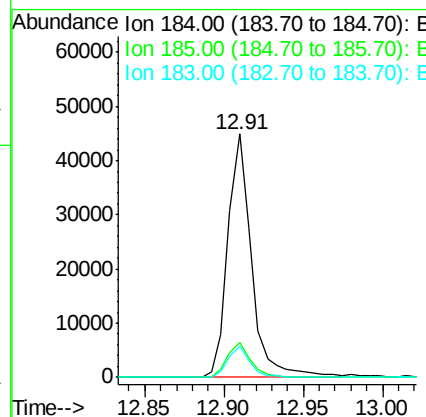
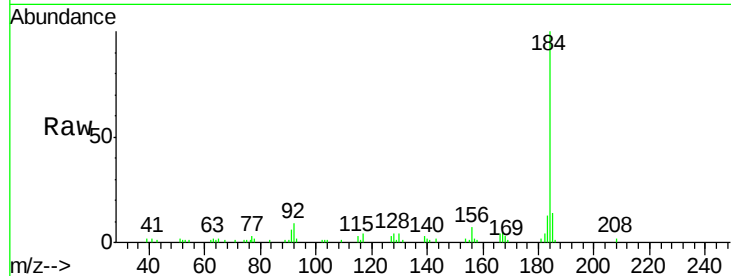
#76
Benzidine
Concen: 4.49 ng
RT: 12.91 min Scan# 1874
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion:184 Resp: 46578
Ion Ratio Lower Upper
184 100
185 14.4 15.5 23.3#
183 12.7 9.8 14.6

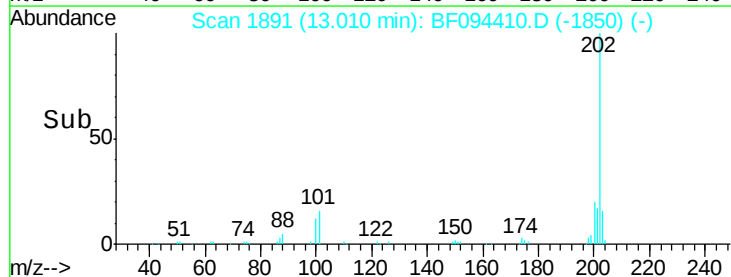
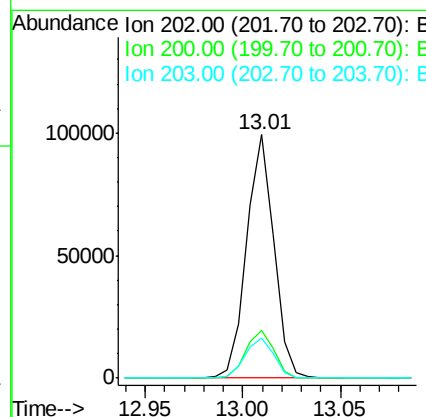
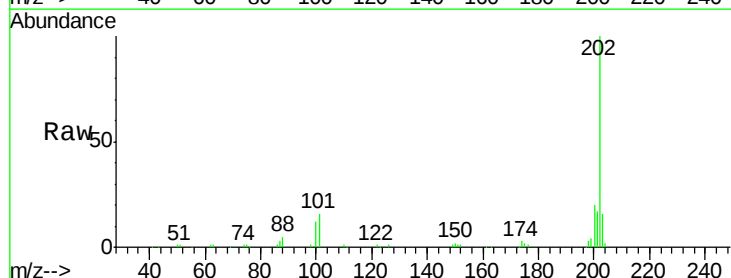
Manual Integrations
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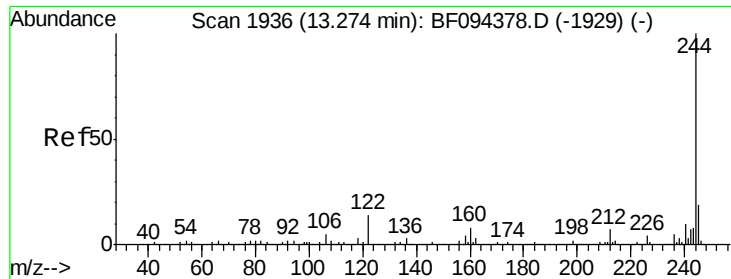
mohammad
4/14/2017 1:36:40 PM



#77
Pyrene
Concen: 5.04 ng
RT: 13.01 min Scan# 1891
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion:202 Resp: 96007
Ion Ratio Lower Upper
202 100
200 19.6 17.6 26.4
203 16.5 14.4 21.6





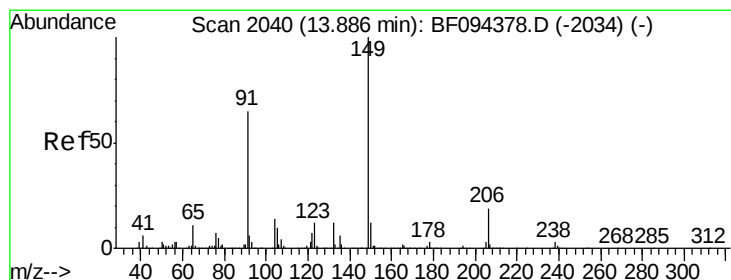
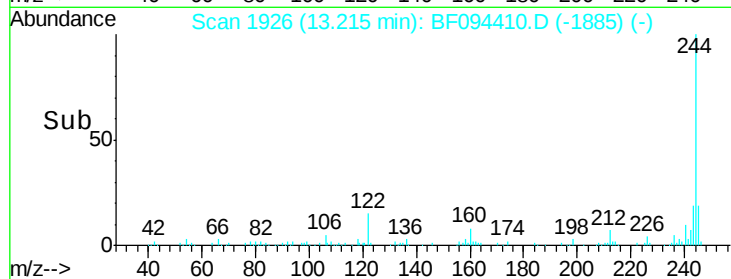
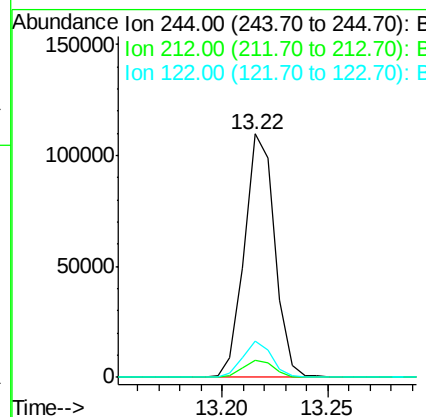
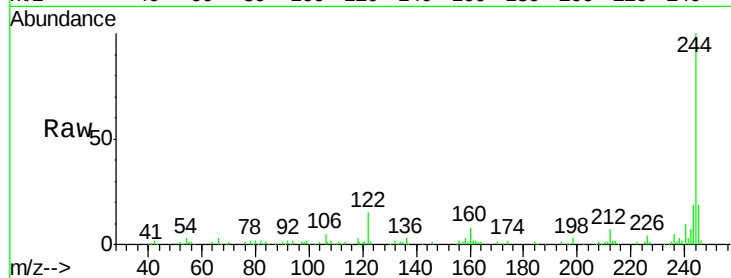
#78
 Terphenyl-d14
 Concen: 9.33 ng
 RT: 13.22 min Scan# 1926
 Delta R.T. -0.06 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.9	10.3	15.5

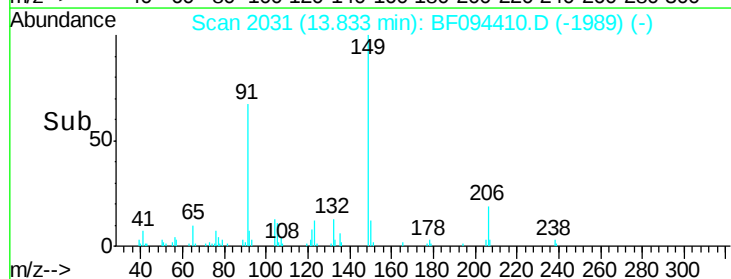
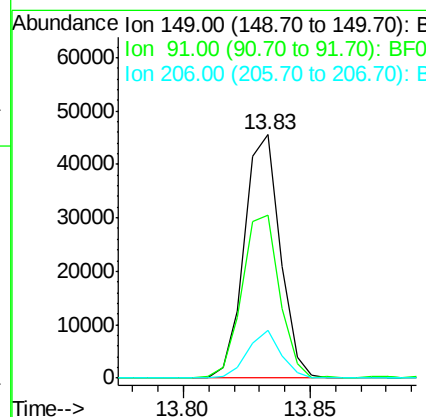
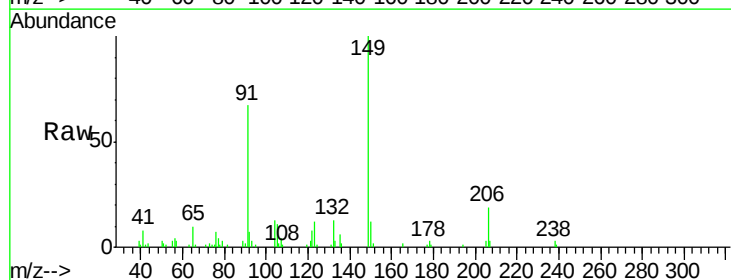
Manual Integrations
 APPROVED

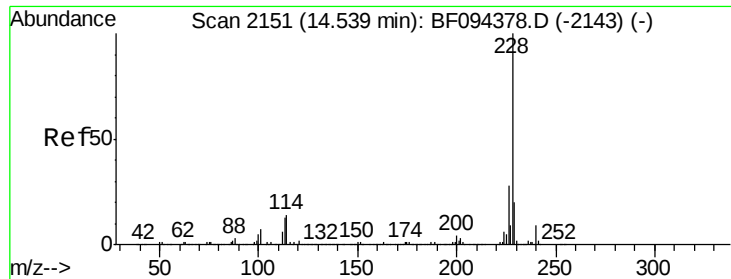
mohammad
 4/14/2017 1:36:40 PM



#79
 Butylbenzylphthalate
 Concen: 5.54 ng
 RT: 13.83 min Scan# 2031
 Delta R.T. -0.05 min
 Lab File: BF094410.D
 Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.8	45.0	67.4
206	19.4	17.0	25.6





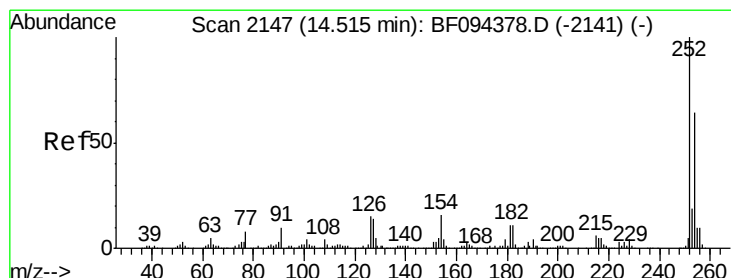
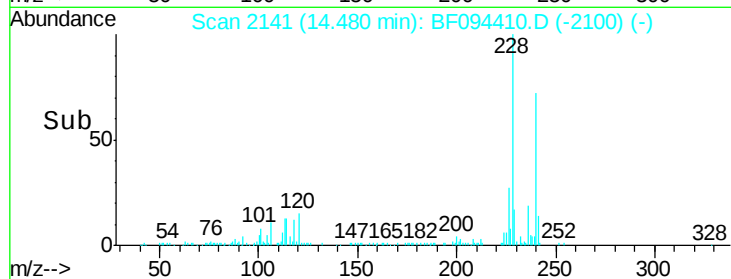
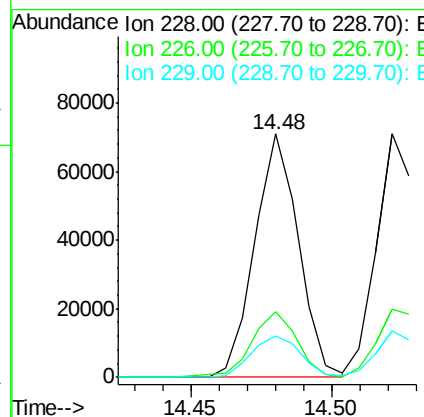
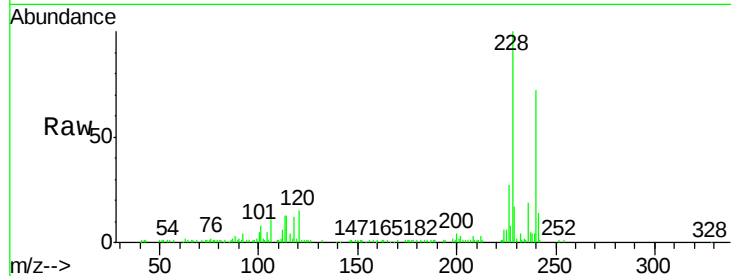
#80
Benzo(a)anthracene
Concen: 4.99 ng
RT: 14.48 min Scan# 2141
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	16.8	16.3	24.5

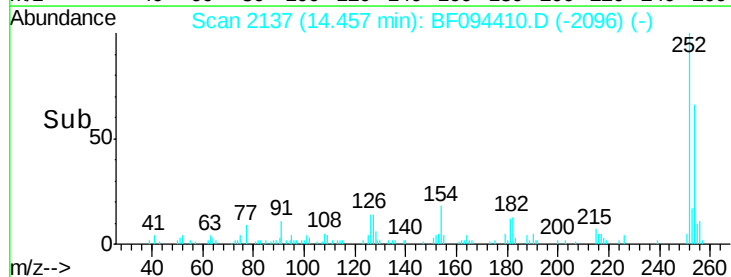
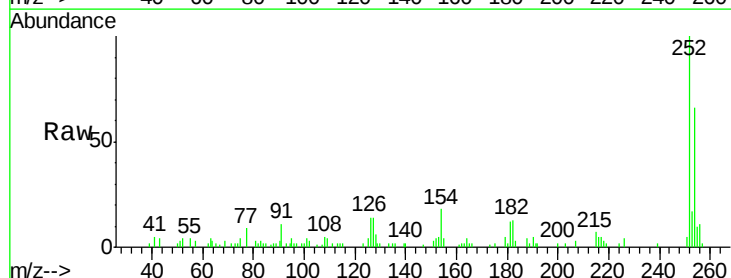
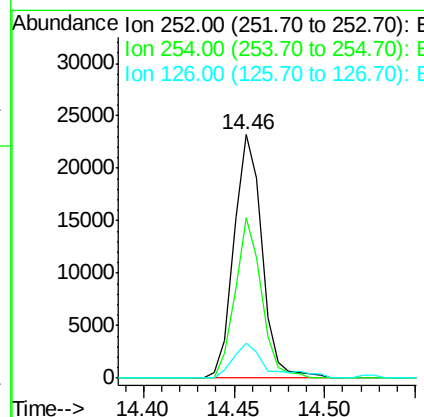
Manual Integrations
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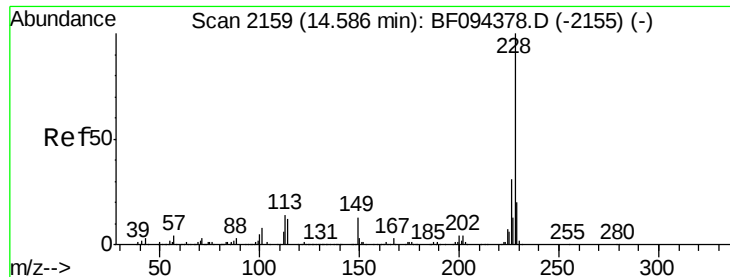
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 4.58 ng
RT: 14.46 min Scan# 2137
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.5	77.3
126	14.5	15.8	23.8





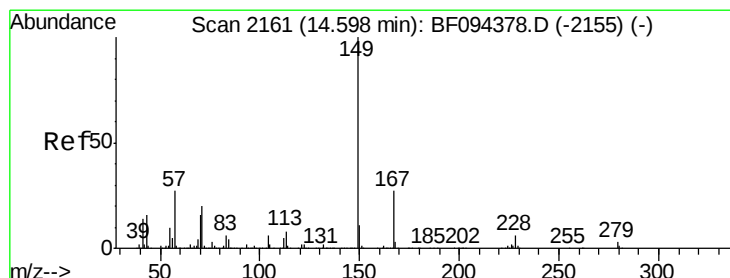
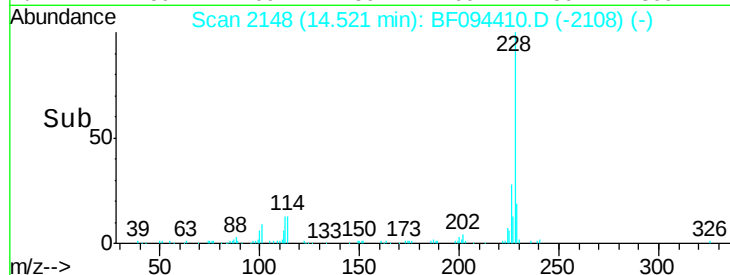
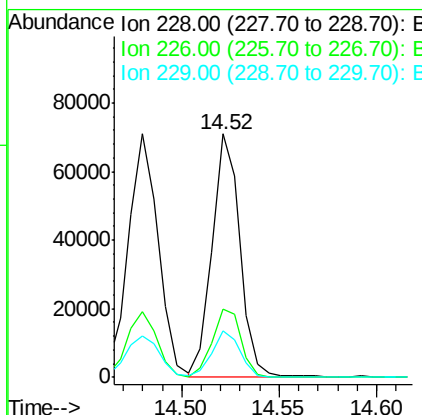
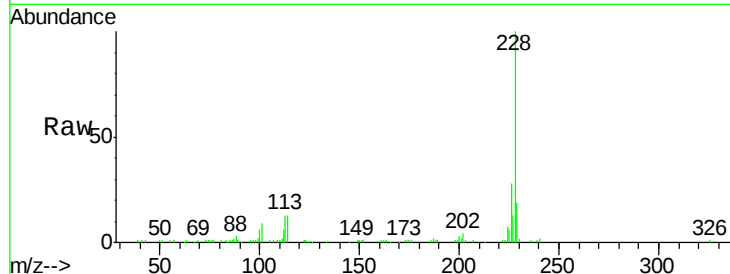
#82
Chrysene
Concen: 4.95 ng
RT: 14.52 min Scan# 2148
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.9	37.3
229	18.9	15.8	23.6

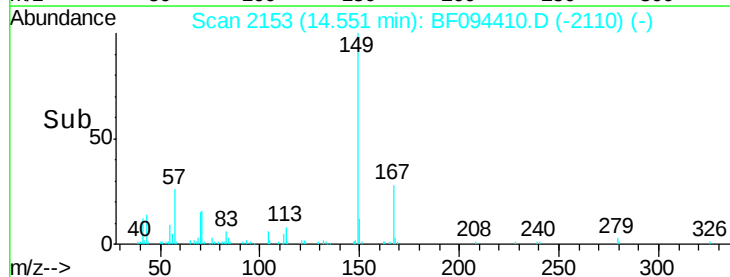
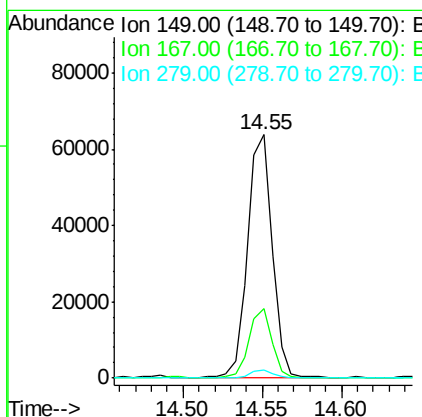
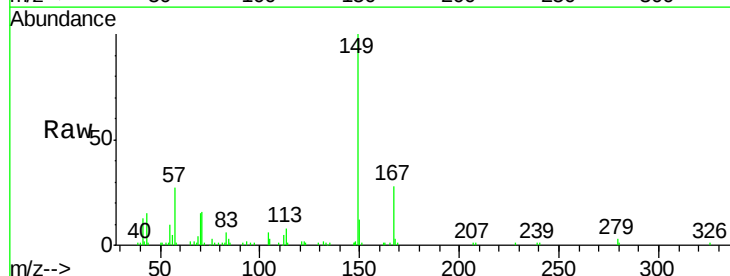
Manual Integrations
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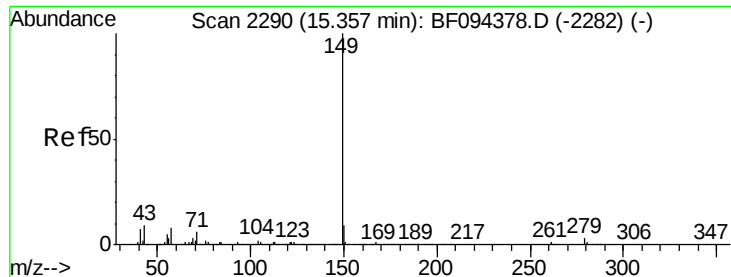
mohammad
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#83
Bis(2-ethylhexyl)phthalate
Concen: 6.23 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.0	31.4
279	3.5	1.9	2.9





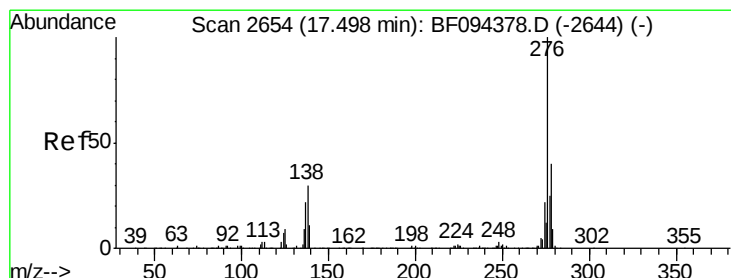
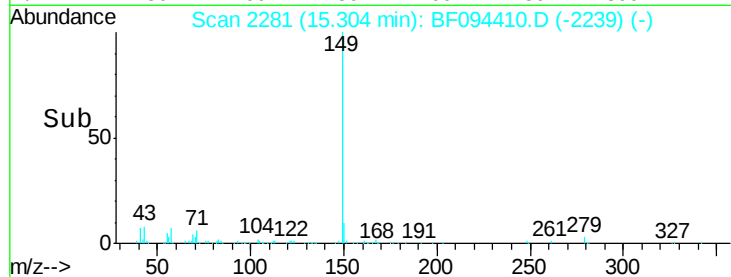
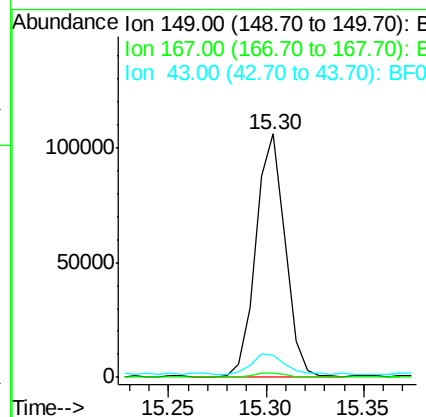
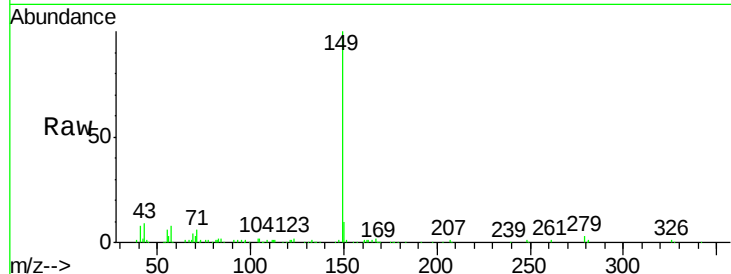
#84
Di-n-octyl phthalate
Concen: 5.99 ng
RT: 15.30 min Scan# 2281
Delta R.T. -0.05 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampled :
E2-Z8-BASEMS

Tot Ion:	149	Resp:	110779
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	9.6	8.5	12.7

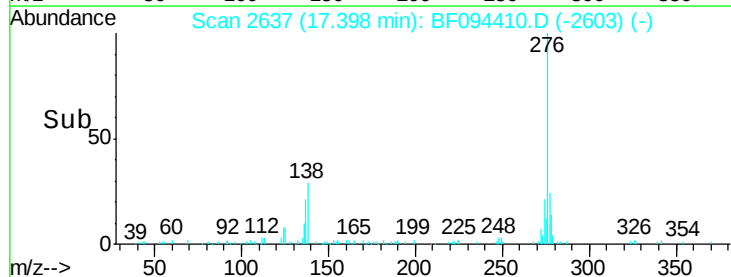
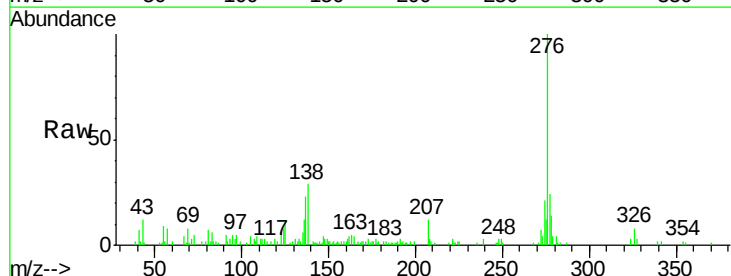
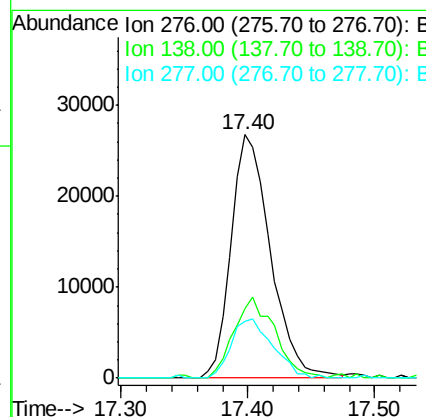
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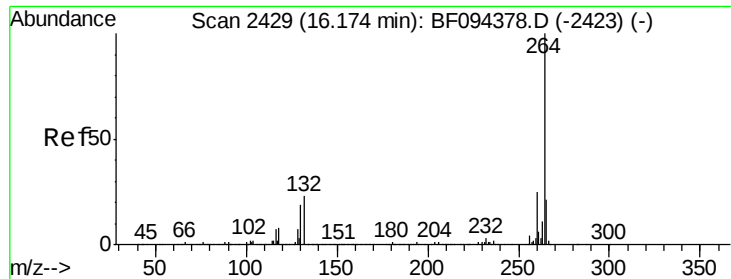
mohammad
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.69 ng
RT: 17.40 min Scan# 2637
Delta R.T. -0.10 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Tgt Ion:	276	Resp:	57674
Ion Ratio	Lower	Upper	
276	100		
138	34.5	27.8	41.6
277	25.6	20.2	30.4





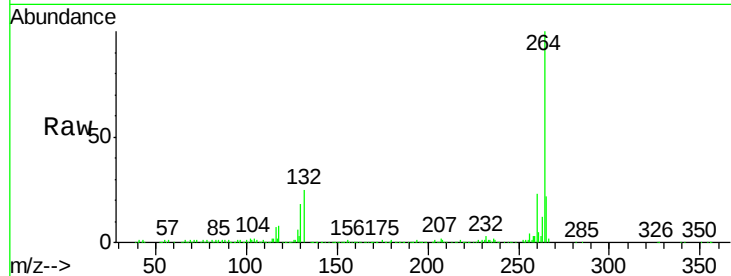
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

Instrument :
BNA_F
ClientSampleId :
E2-Z8-BASEMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.9	17.2	25.8

Manual Integrations
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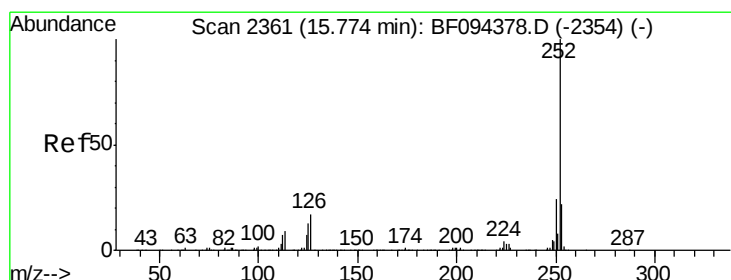
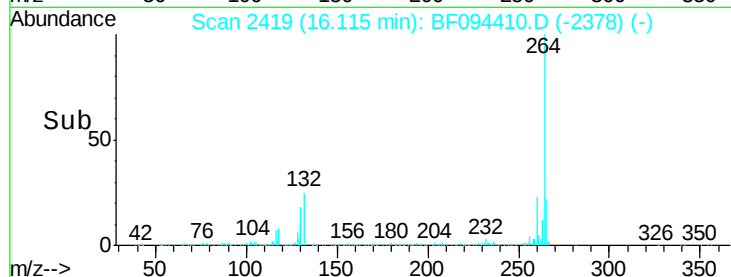
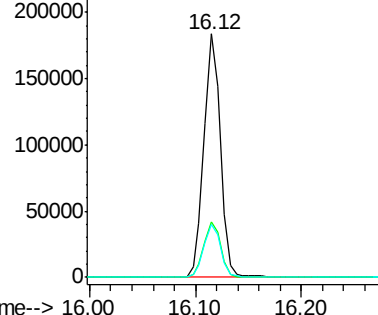


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 5.40 ng
RT: 15.72 min Scan# 2351
Delta R.T. -0.06 min
Lab File: BF094410.D
Acq: 14 Apr 2017 00:18

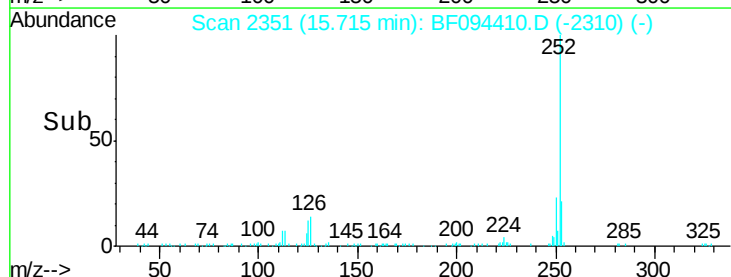
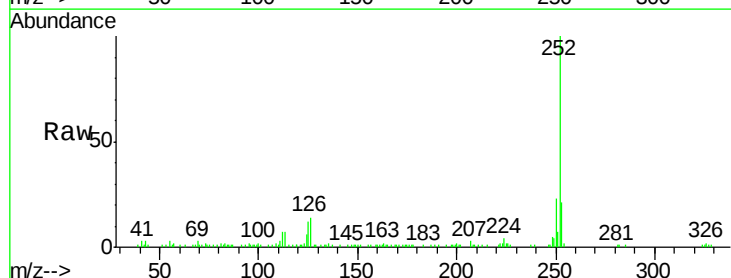
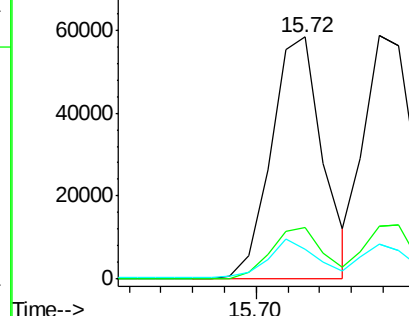
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	12.1	9.8	14.8

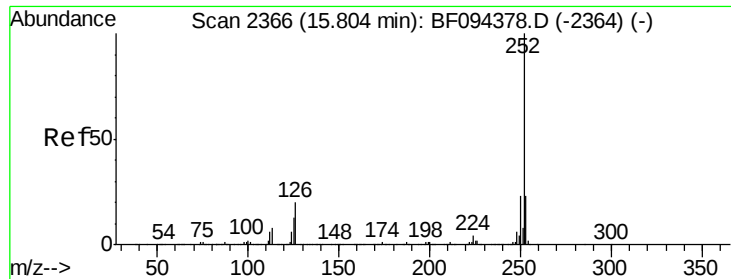
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 5.37 ng

RT: 15.74 min Scan# 2355

Delta R.T. -0.06 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

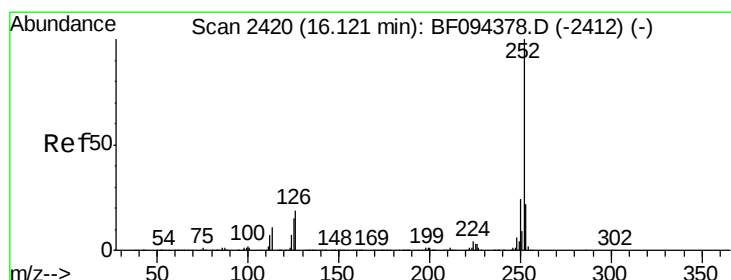
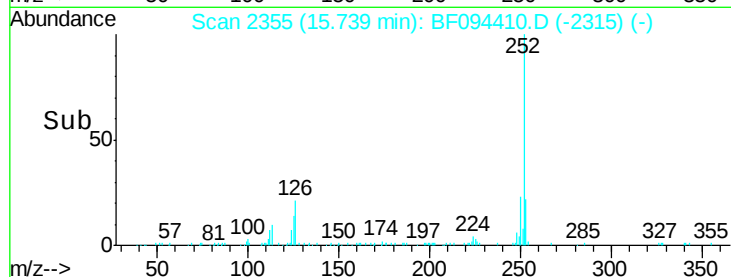
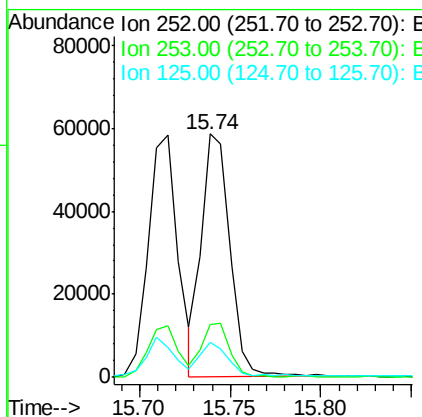
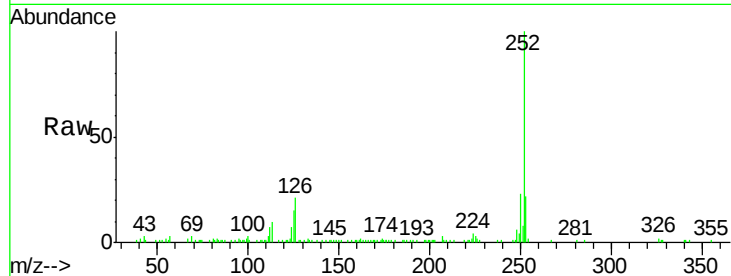
ClientSampleId :

E2-Z8-BASEMS

Tot Ion:	252	Resp:	63938
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	14.5	13.1	19.7

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#89

Benzo(a)pyrene

Concen: 5.30 ng

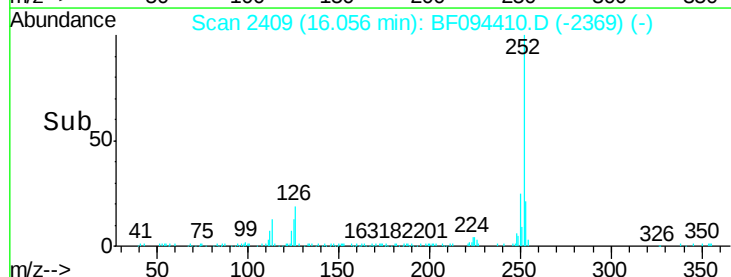
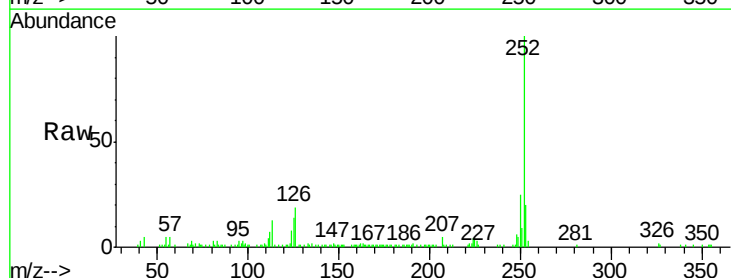
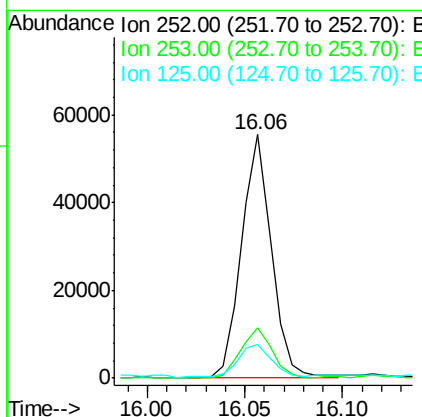
RT: 16.06 min Scan# 2409

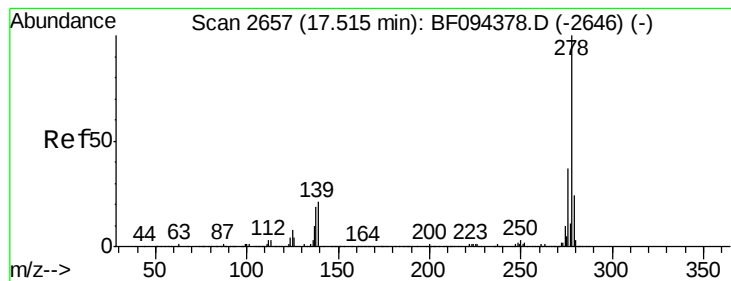
Delta R.T. -0.06 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	252	Resp:	59407
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.5	26.3
125	13.8	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 5.16 ng

RT: 17.42 min Scan# 2641

Delta R.T. -0.09 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Instrument :

BNA_F

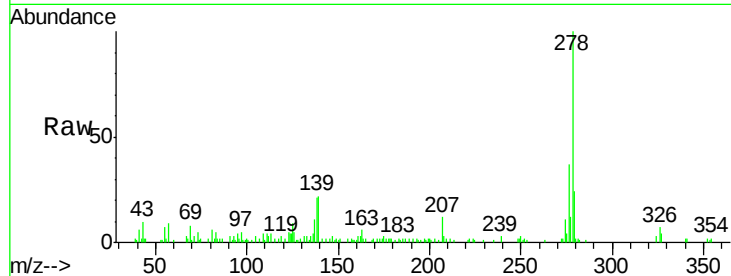
ClientSampleId :

E2-Z8-BASEMS

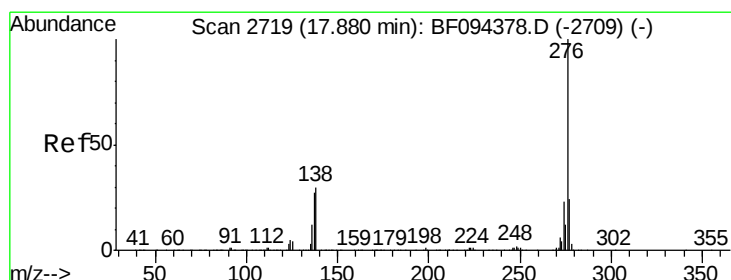
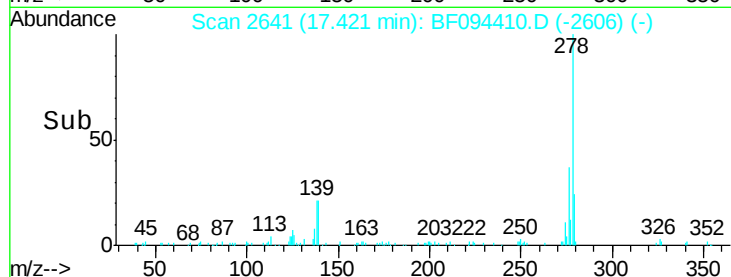
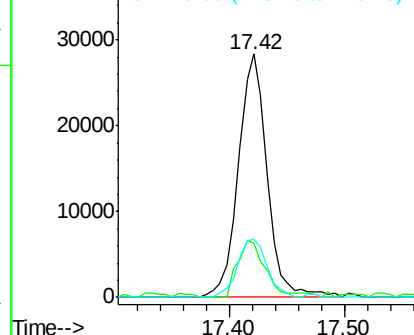
Tot Ion:	278	Resp:	49002
Ion Ratio	Lower	Upper	
278	100		
139	22.5	16.6	24.8
279	24.0	19.3	28.9

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.75 ng

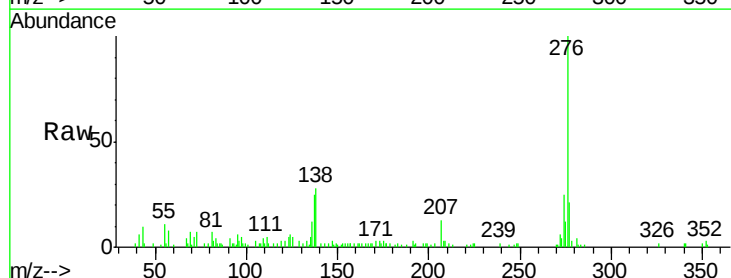
RT: 17.77 min Scan# 2701

Delta R.T. -0.11 min

Lab File: BF094410.D

Acq: 14 Apr 2017 00:18

Tgt Ion:	276	Resp:	45443
Ion Ratio	Lower	Upper	
276	100		
277	20.6	18.6	28.0
138	27.8	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

