

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095398.D
 Acq On : 24 May 2017 20:03
 Operator : SJ/MA
 Sample : I3241-18MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Manual Integrations
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mohammad
 5/25/2017 8:52:45 AM

Quant Time: May 25 04:42:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	80782	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	307271	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	115549	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	194331	20.00	ng	-0.02
75) Chrysene-d12	18.69	240	150170	20.00	ng	0.00
86) Perylene-d12	20.37	264	115764	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	624016	128.79	ng	-0.01
7) Phenol-d6	7.30	99	716072	123.17	ng	-0.01
23) Nitrobenzene-d5	8.65	82	406439	83.41	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	106859	112.92	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	733338	91.35	ng	-0.02
78) Terphenyl-d14	17.33	244	558549	81.92	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.23	88	80914	34.05	ng	94
3) Pyridine	2.94	79	185303	33.65	ng	97
4) n-Nitrosodimethylamine	2.85	42	74914	32.63	ng	# 90
6) Aniline	7.26	93	176593	24.06	ng	95
8) 2-Chlorophenol	7.45	128	226061	40.99	ng	95
9) Benzaldehyde	7.08	77	72797	20.51	ng	# 75
10) Phenol	7.32	94	283786	46.32	ng	92
11) bis(2-Chloroethyl)ether	7.38	93	208294	41.18	ng	95
12) 1,3-Dichlorobenzene	7.65	146	244624	39.10	ng	98
13) 1,4-Dichlorobenzene	7.78	146	255921	40.34	ng	96
14) 1,2-Dichlorobenzene	8.01	146	234599	39.62	ng	97
15) Benzyl Alcohol	8.04	79	168804	45.14	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	275179	38.44	ng	97
17) 2-Methylphenol	8.26	107	177776	39.39	ng	97
18) Hexachloroethane	8.52	117	61614	28.67	ng	# 88
19) n-Nitroso-di-n-propylamine	8.45	70	144303	36.70	ng	95
20) 3+4-Methylphenols	8.52	107	228463	37.25	ng	# 60
22) Acetophenone	8.42	105	266995	36.22	ng	# 82
24) Nitrobenzene	8.68	77	207137	40.56	ng	92
25) Isophorone	9.08	82	370563	42.59	ng	95
26) 2-Nitrophenol	9.20	139	71623	25.99	ng	99
27) 2,4-Dimethylphenol	9.33	122	187593	42.10	ng	96
28) bis(2-Chloroethoxy)methane	9.44	93	249660	41.48	ng	98
29) 2,4-Dichlorophenol	9.63	162	163555	38.87	ng	99
30) 1,2,4-Trichlorobenzene	9.70	180	182013	40.38	ng	100
31) Naphthalene	9.80	128	710754	46.02	ng	99
33) 4-Chloroaniline	9.97	127	78434	13.63	ng	97
34) Hexachlorobutadiene	10.01	225	90395	38.01	ng	99
35) Caprolactam	10.57	113	46208	36.58	ng	# 81
36) 4-Chloro-3-methylphenol	10.82	107	167239	37.18	ng	92
37) 2-Methylnaphthalene	10.92	142	432071	42.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	154098	43.37	ng	99
40) Hexachlorocyclopentadiene	11.18	237	339	6.27	ng	# 27
42) 2,4,6-Trichlorophenol	11.44	196	95991	40.46	ng	97

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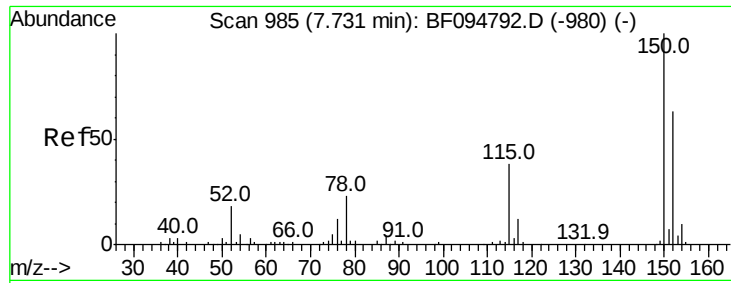
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.55	196	95467	37.44	nq	94
45) 1,1'-Biphenyl	11.69	154	445791	45.82	nq	98
46) 2-Chloronaphthalene	11.71	162	329020	41.88	nq	95
47) 2-Nitroaniline	11.93	65	96712	44.98	nq	89
48) Acenaphthylene	12.37	152	569082	46.25	nq	99
49) Dimethylphthalate	12.24	163	463110	48.82	nq	98
50) 2,6-Dinitrotoluene	12.34	165	62805	32.45	nq	# 90
51) Acenaphthene	12.65	154	363321	49.44	nq	99
52) 3-Nitroaniline	12.62	138	78838	37.96	nq	87
54) Dibenzofuran	12.94	168	486719	47.86	nq	97
55) 4-Nitrophenol	13.05	139	64283	51.53	nq	# 78
56) 2,4-Dinitrotoluene	13.02	165	73192	29.43	nq	# 94
57) Fluorene	13.50	166	423431	47.88	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.20	232	63943	39.84	nq	94
59) Diethylphthalate	13.38	149	355222	39.07	nq	100
60) 4-Chlorophenyl-phenylether	13.52	204	149641	38.50	nq	88
61) 4-Nitroaniline	13.62	138	73517	38.55	nq	92
62) Azobenzene	13.77	77	300809	41.17	nq	91
65) n-Nitrosodiphenylamine	13.72	169	288034	40.84	nq	98
66) 4-Bromophenyl-phenylether	14.30	248	80790	39.35	nq	99
67) Hexachlorobenzene	14.39	284	78966	37.53	nq	# 84
68) Atrazine	14.65	200	78879	39.61	nq	97
69) Pentachlorophenol	14.77	266	48935	53.53	nq	96
70) Phenanthrene	15.05	178	1802052	161.39	nq	99
71) Anthracene	15.13	178	799881	70.13	nq	98
72) Carbazole	15.41	167	558686	53.84	nq	97
73) Di-n-butylphthalate	15.97	149	536923	41.49	nq	99
74) Fluoranthene	16.81	202	2181646	190.48	nq	100
77) Pvrene	17.11	202	2252209	200.53	nq	98
79) Butylbenzylphthalate	17.99	149	241163	46.16	nq	87
80) Benzo(a)anthracene	18.68	228	1250660	143.10	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	70865	23.48	nq	94
82) Chrysene	18.73	228	1084814	128.37	nq	97
83) Bis(2-ethylhexyl)phthalate	18.74	149	302045	40.58	nq	# 99
84) Di-n-octyl phthalate	19.50	149	564767	46.28	nq	98
85) Indeno(1,2,3-cd)pyrene	21.71	276	542184	79.00	nq	94
87) Benzo(b)fluoranthene	19.97	252	1031209	144.16	nq	98
88) Benzo(k)fluoranthene	19.99	252	474597m	68.78	nq	
89) Benzo(a)pyrene	20.31	252	749751	113.59	nq	98
90) Dibenzo(a,h)anthracene	21.70	278	286330	52.52	nq	96
91) Benzo(g,h,i)perylene	22.09	276	502970	94.02	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

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BNA_F

ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion:152 Resp: 80782

Ion Ratio Lower Upper

152 100

150 163.8 126.2 189.2

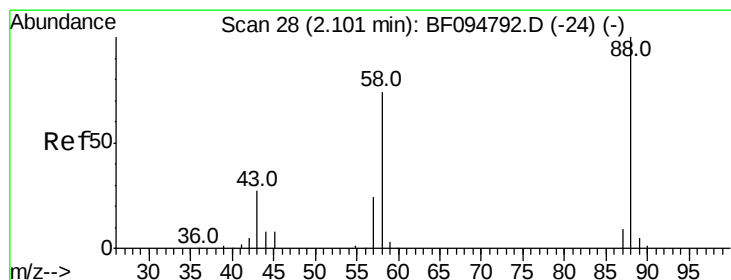
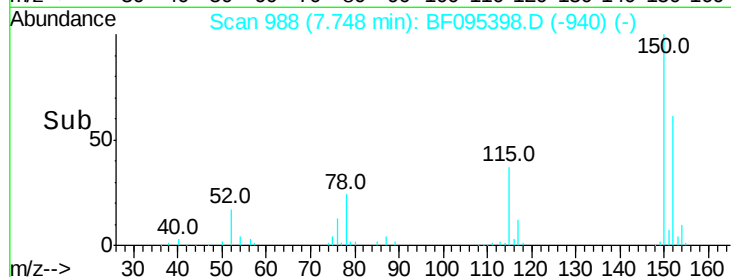
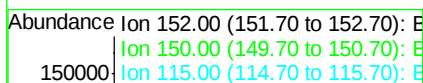
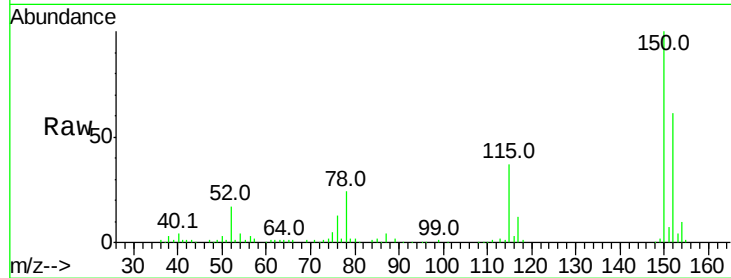
115 59.8 52.2 78.2

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#2

1,4-Dioxane

Concen: 34.05 ng

RT: 2.23 min Scan# 49

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

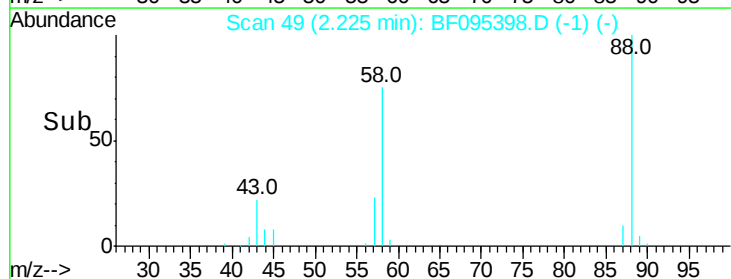
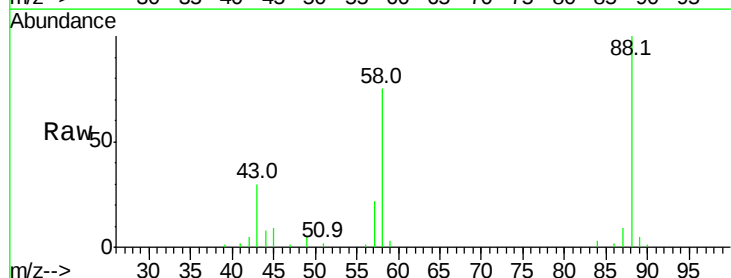
Tgt Ion: 88 Resp: 80914

Ion Ratio Lower Upper

88 100

58 70.8 61.4 92.0

43 27.6 23.4 35.0





#3

Pvridine

Concen: 33.65 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

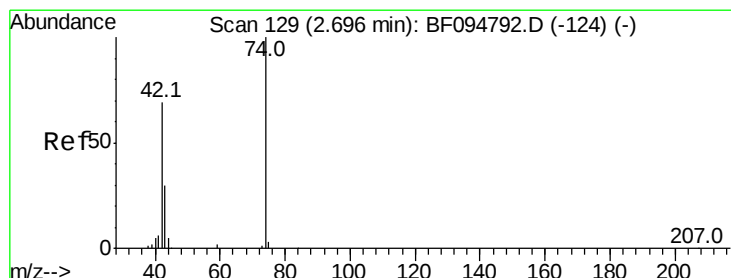
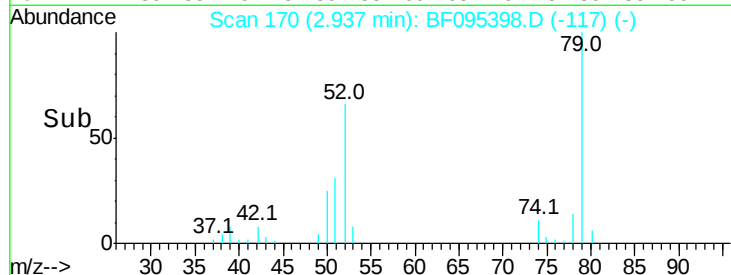
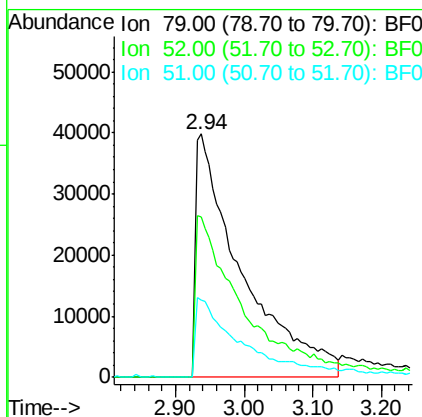
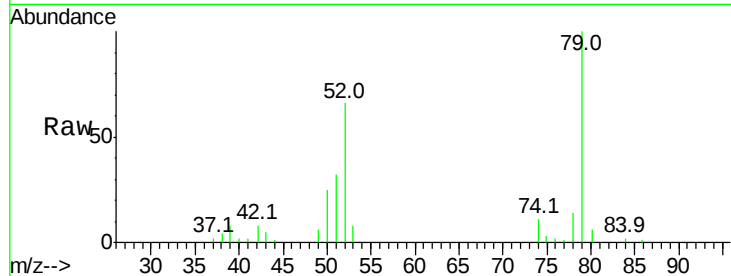
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion:	79	Resp:	185303
Ion Ratio	Lower	Upper	
79	100		
52	66.1	54.8	82.2
51	31.6	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 32.63 ng

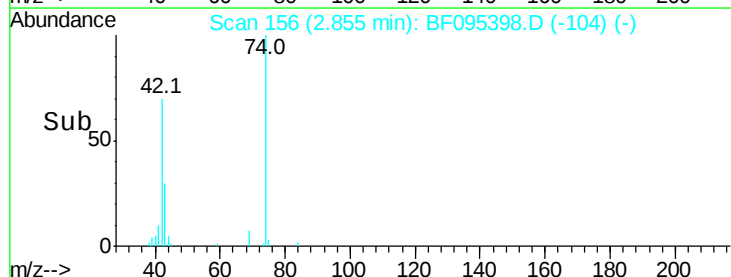
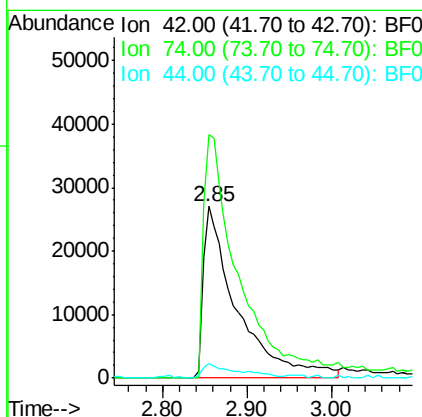
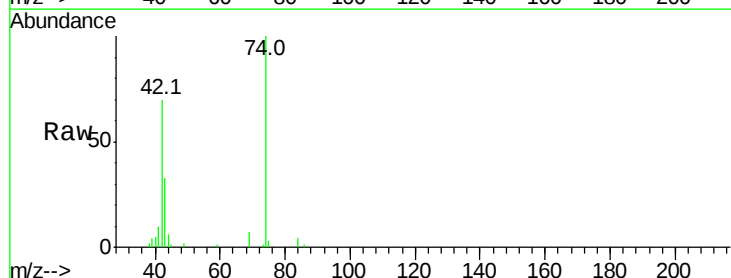
RT: 2.85 min Scan# 156

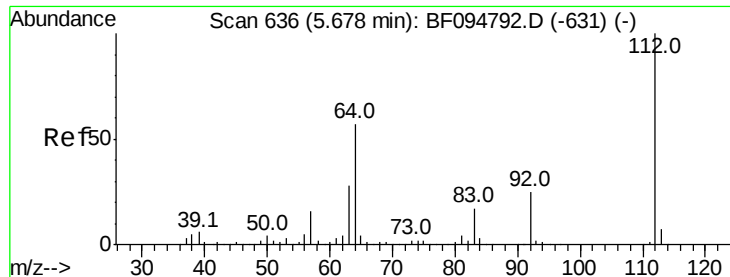
Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Tgt Ion:	42	Resp:	74914
Ion Ratio	Lower	Upper	
42	100		
74	141.8	103.9	155.9
44	8.6	5.7	8.5#





#5

2-Fluorophenol

Concen: 128.79 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

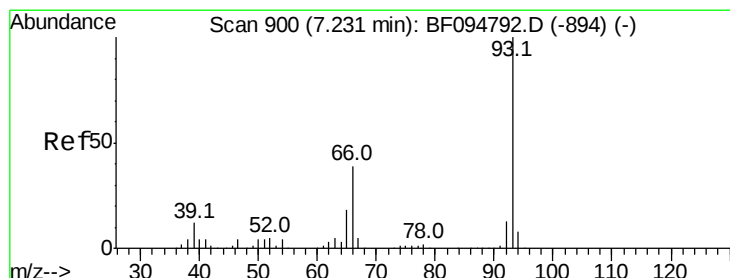
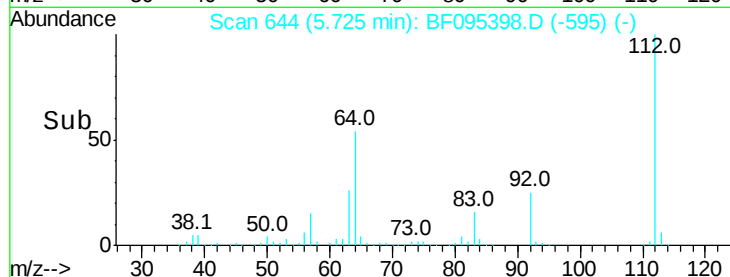
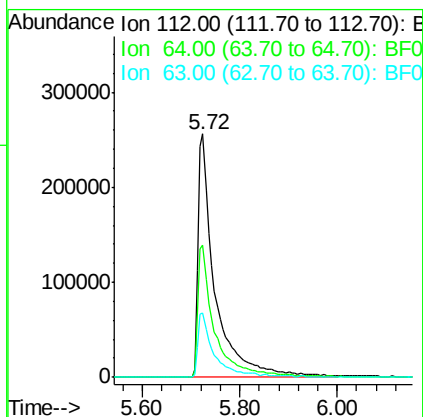
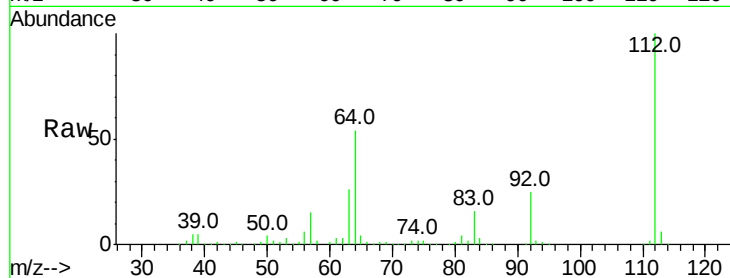
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion:	112	Resp:	624016
Ion Ratio	Lower	Upper	
112	100		
64	54.2	46.0	69.0
63	26.3	23.4	35.0

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#6

Aniline

Concen: 24.06 ng

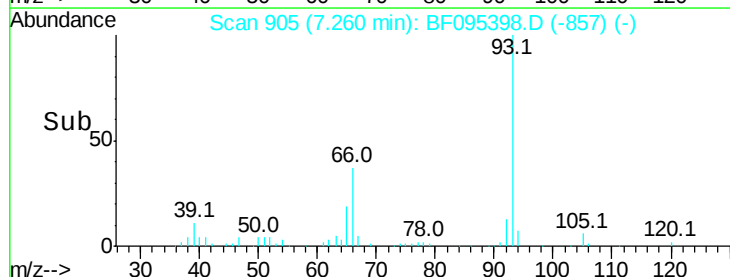
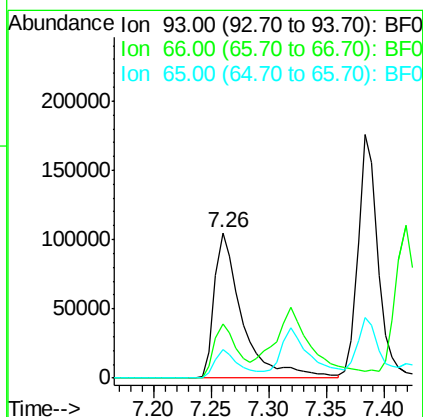
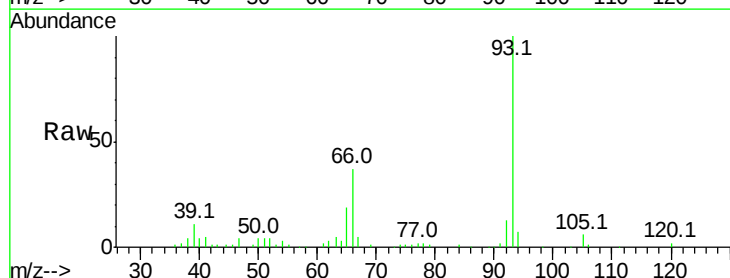
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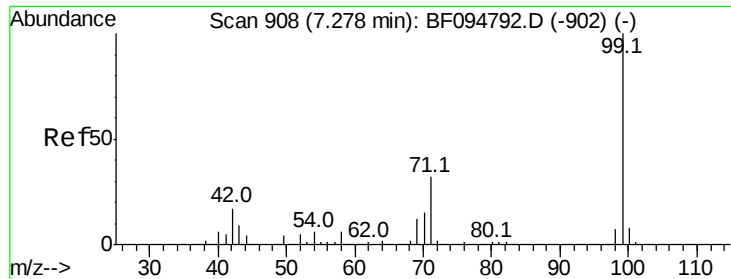
Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Tgt Ion:	93	Resp:	176593
Ion Ratio	Lower	Upper	
93	100		
66	37.1	32.9	49.3
65	19.3	16.0	24.0





#7

Phenol-d6

Concen: 123.17 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

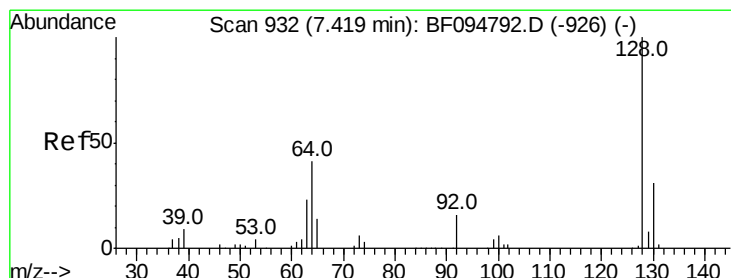
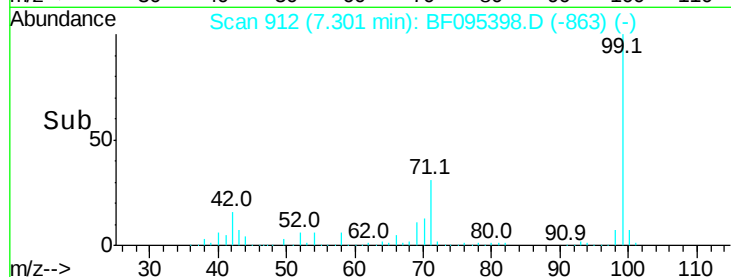
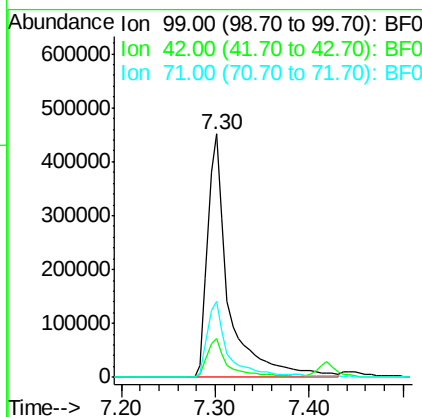
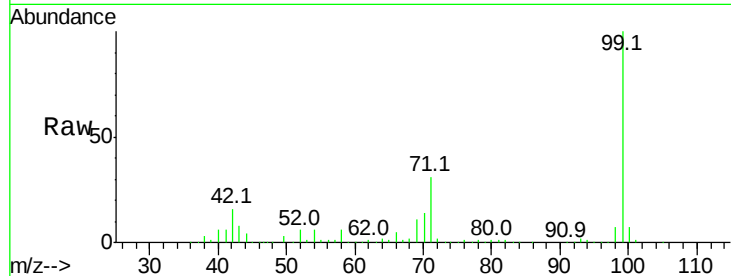
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion:	99	Resp:	716072
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 40.99 ng

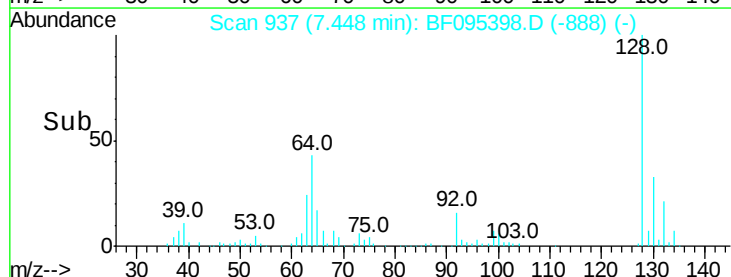
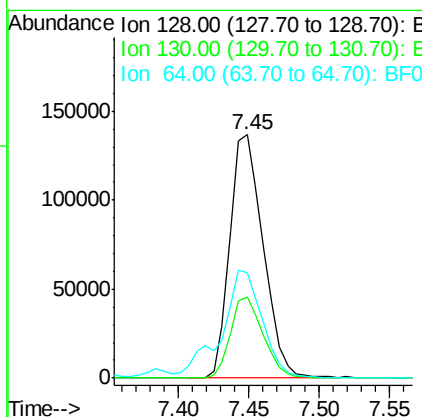
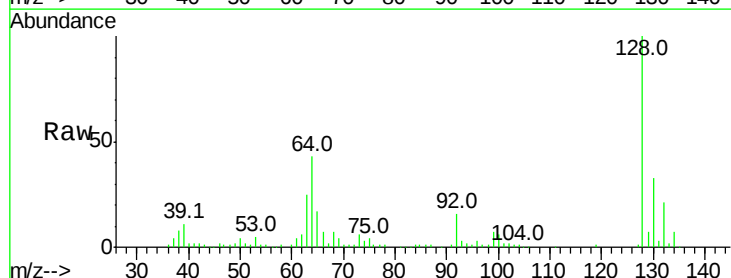
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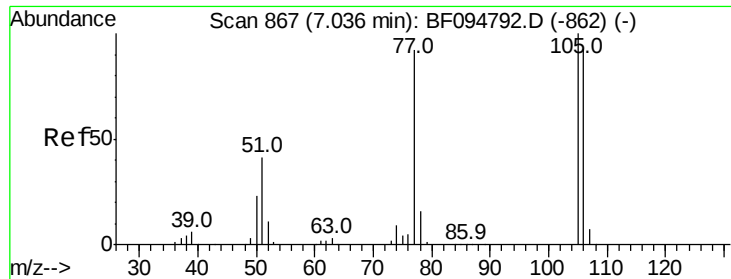
Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Tgt Ion:	128	Resp:	226061
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.9	52.9
64	43.4	28.4	68.4





#9

Benzaldehyde

Concen: 20.51 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

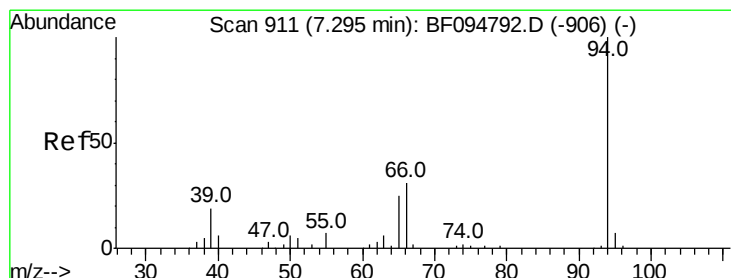
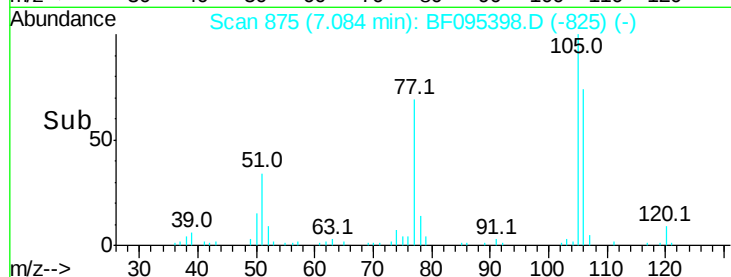
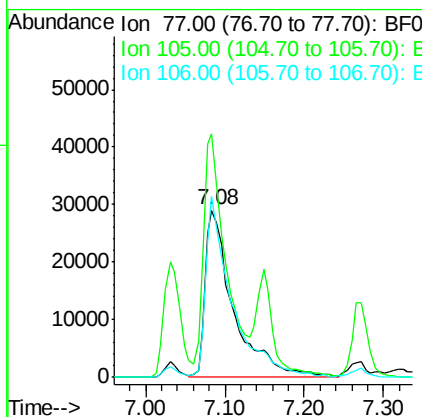
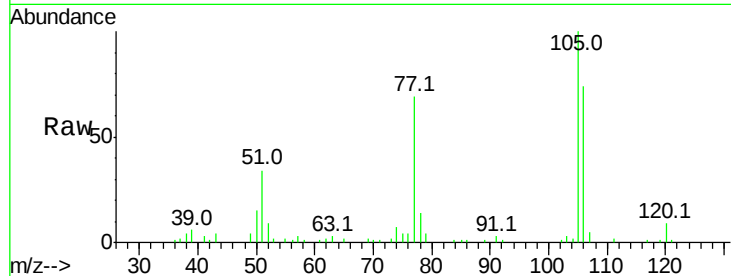
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	145.6	83.8	123.8#
106	108.3	79.1	119.1

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#10

Phenol

Concen: 46.32 ng

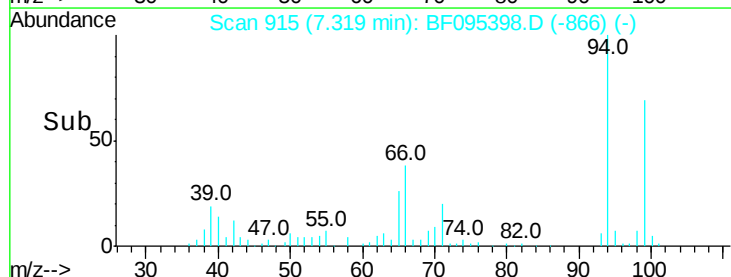
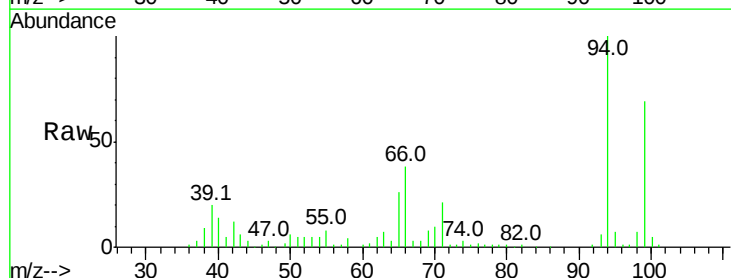
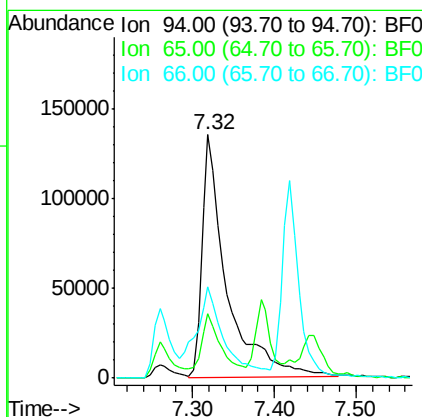
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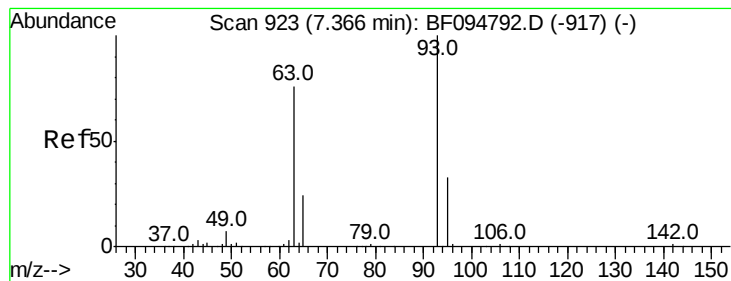
Delta R.T. -0.01 min

Lab File: BF095398.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.5	9.9	49.9
66	37.7	23.1	63.1





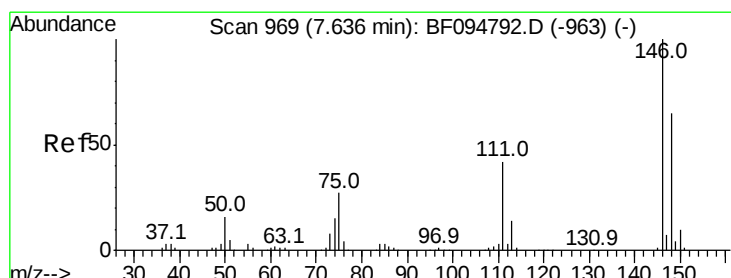
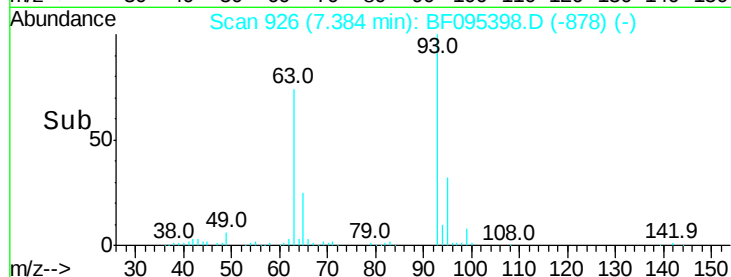
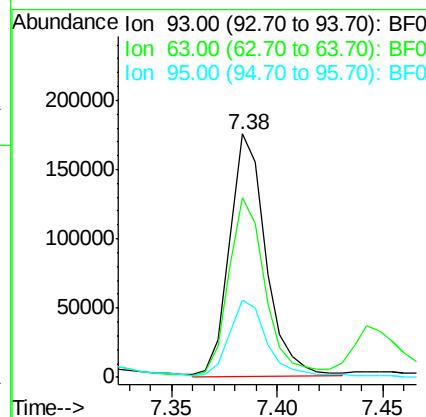
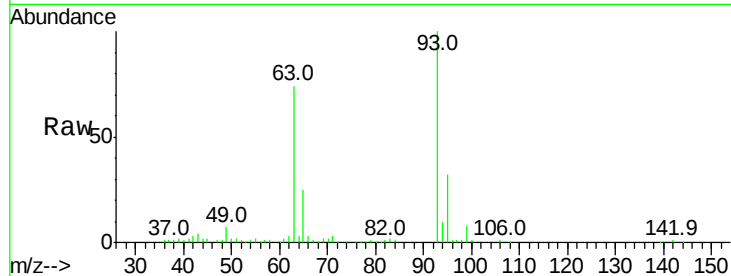
#11
bis(2-Chloroethyl)ether
Concen: 41.18 ng
RT: 7.38 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	208294		
63	74.0		59.2	99.2
95	32.0		12.8	52.8

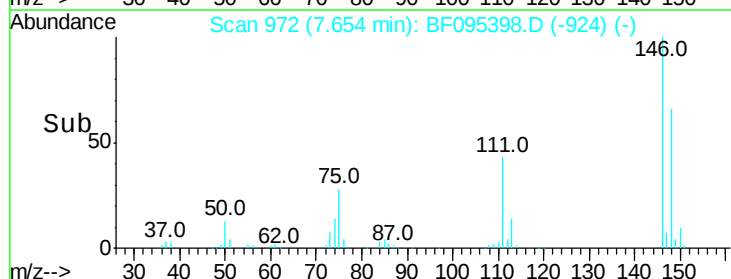
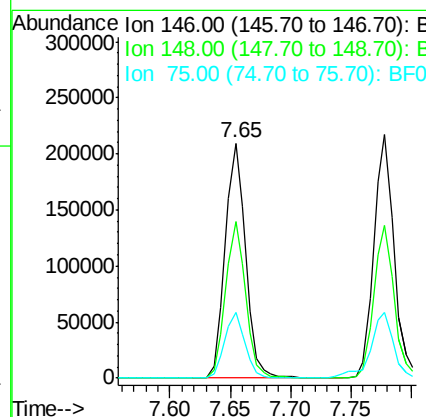
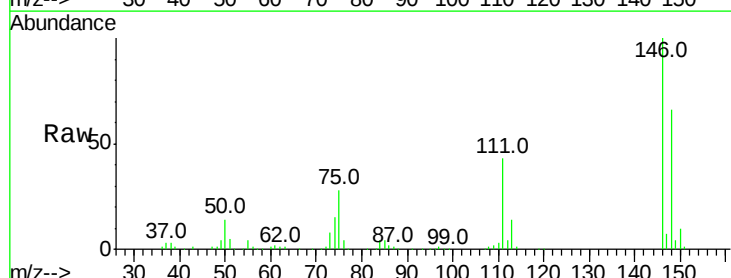
Manual Integrations
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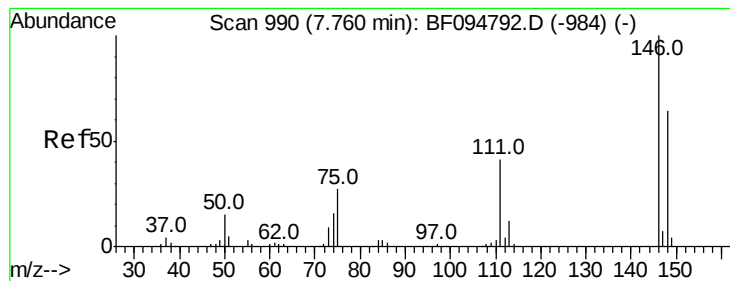
mohammad
5/25/2017 8:52:45 AM



#12
1,3-Dichlorobenzene
Concen: 39.10 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244624		
148	66.5		51.8	77.6
75	28.2		23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.34 ng

RT: 7.78 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

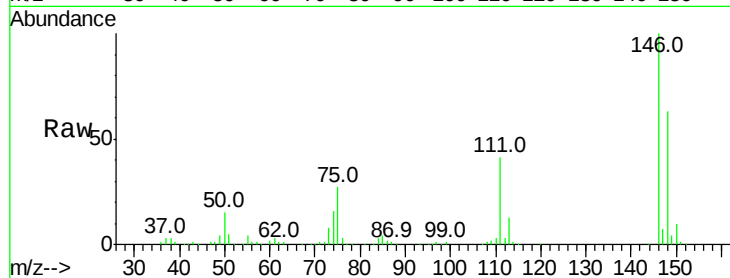
ClientSampleId :

EP1-WC2(0-6)MSD

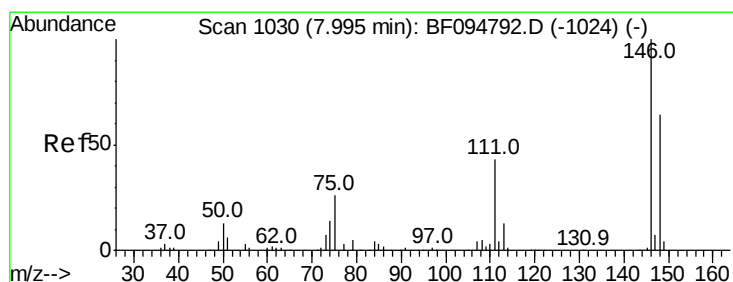
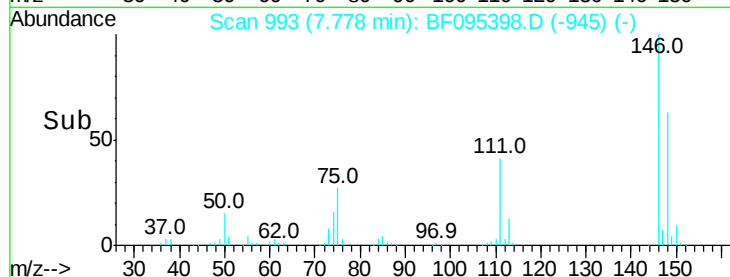
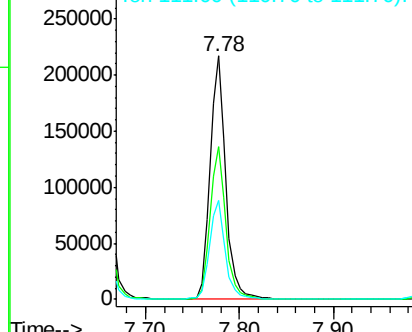
Tot Ion:	146	Resp:	255921
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.2
111	40.7	30.3	45.5

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



#14

1,2-Dichlorobenzene

Concen: 39.62 ng

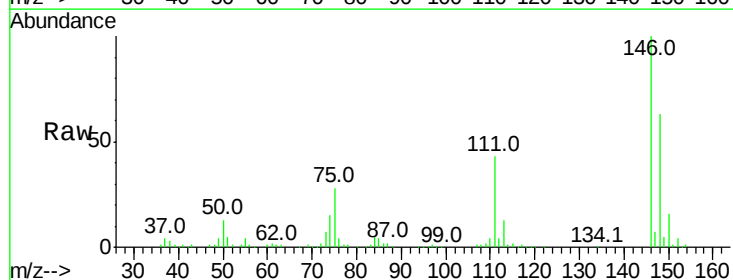
RT: 8.01 min Scan# 1032

Delta R.T. -0.02 min

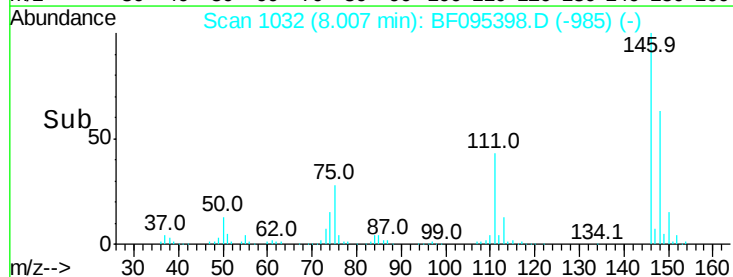
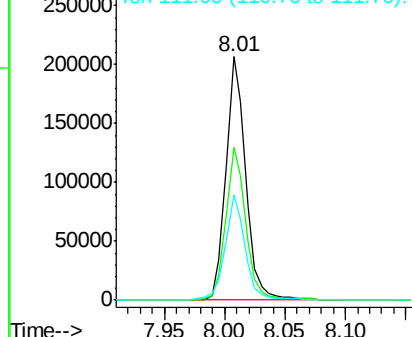
Lab File: BF095398.D

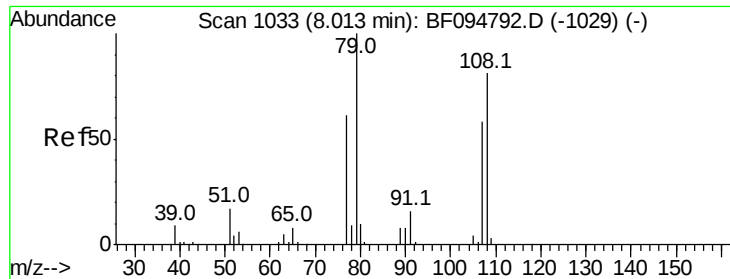
Acq: 24 May 2017 20:03

Tgt Ion:	146	Resp:	234599
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.4	75.6
111	43.2	38.2	57.4



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





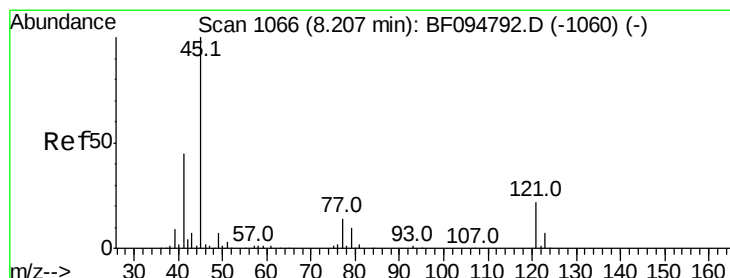
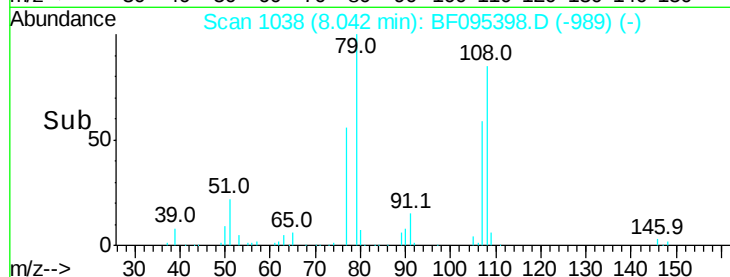
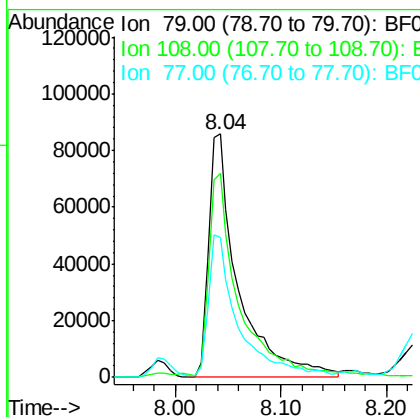
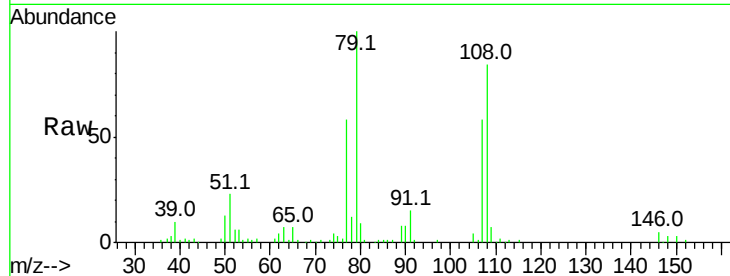
#15
Benzyl Alcohol
Concen: 45.14 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	83.8	63.4	95.0		
77	57.5	49.2	73.8		

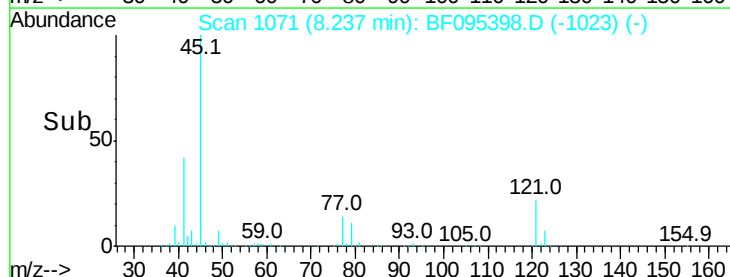
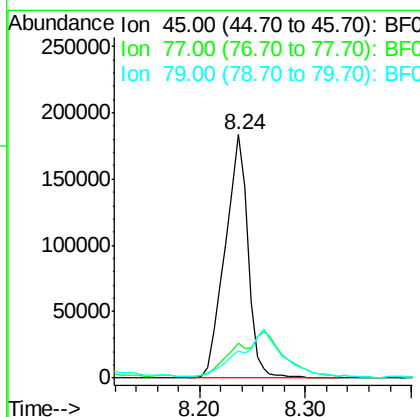
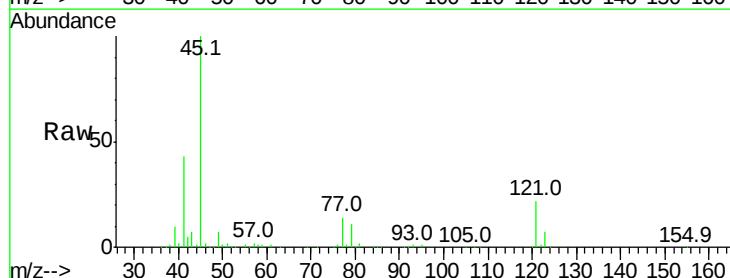
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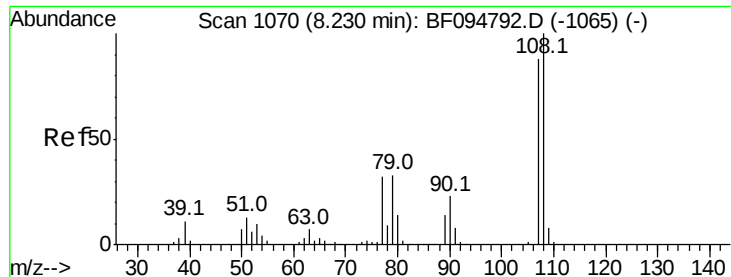
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.44 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	14.5	0.0	33.2		
79	11.3	0.0	30.0		





#17

2-Methylphenol

Concen: 39.39 ng

RT: 8.26 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

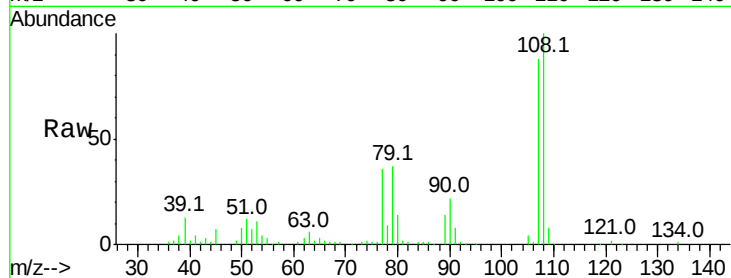
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	114.1	93.4	140.0		
77	40.6	35.8	53.6		
79	42.0	34.8	52.2		

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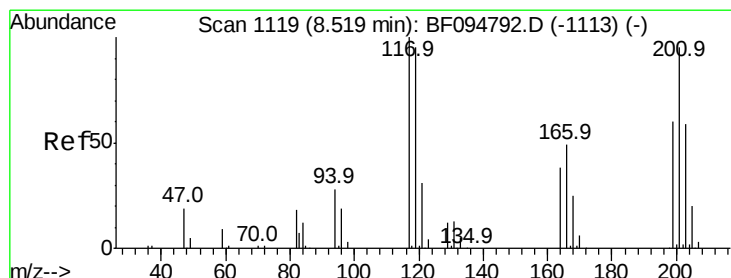
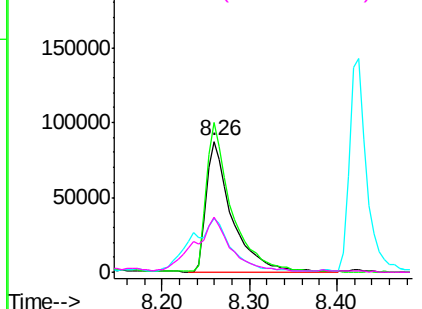
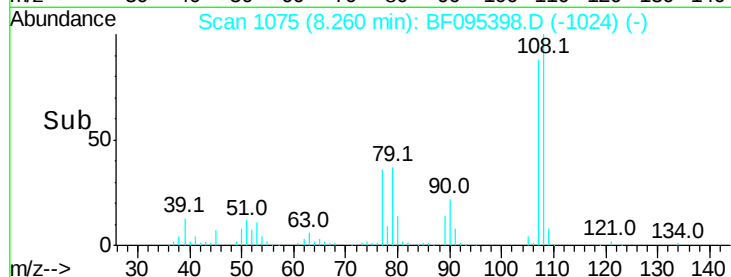


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 28.67 ng

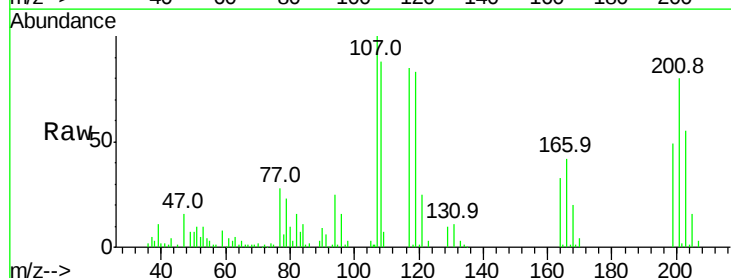
RT: 8.52 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

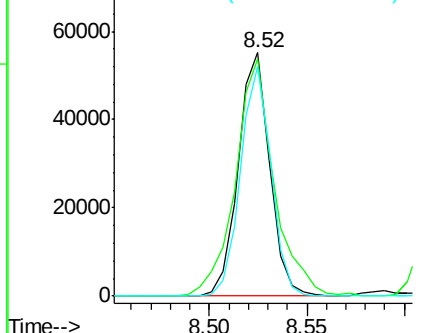
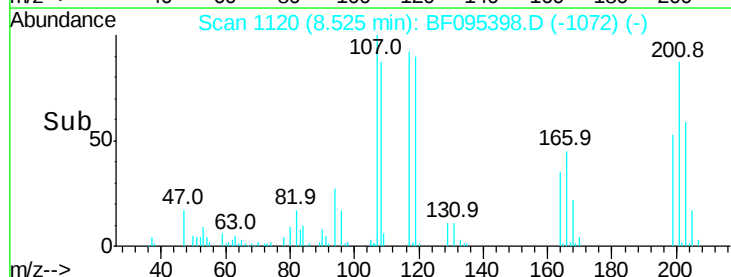
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	97.2	77.4	116.0		
201	94.1	94.6	141.8#		



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





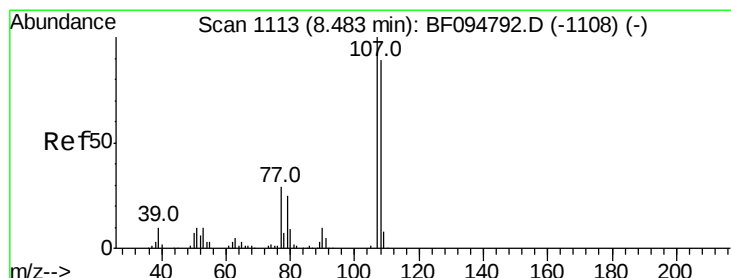
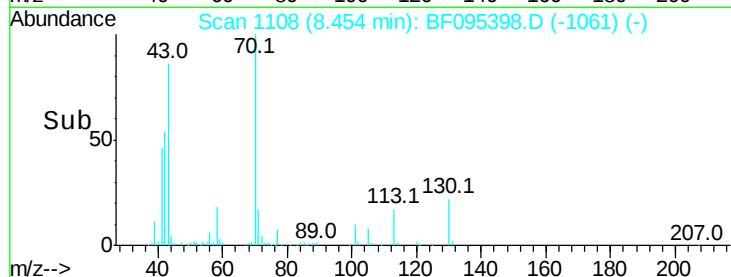
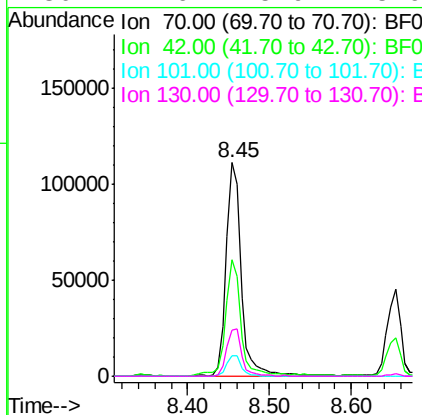
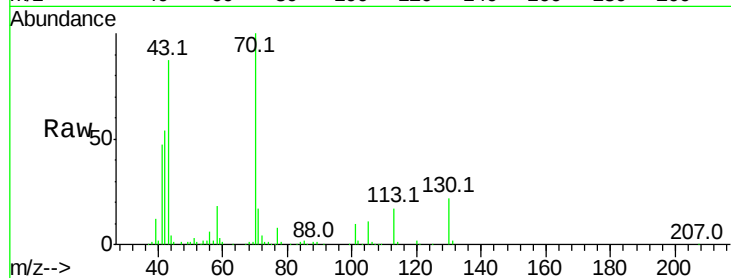
#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		144303		
42	54.5	47.2	70.8		
101	9.9	7.2	10.8		
130	21.6	15.9	23.9		

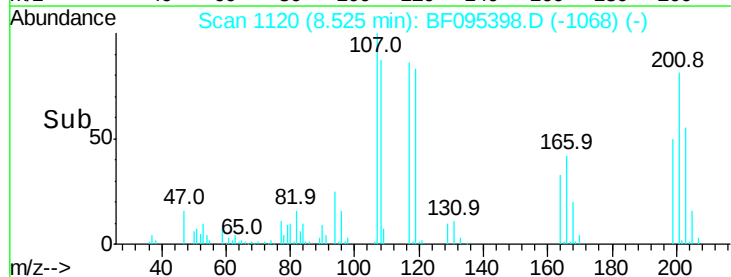
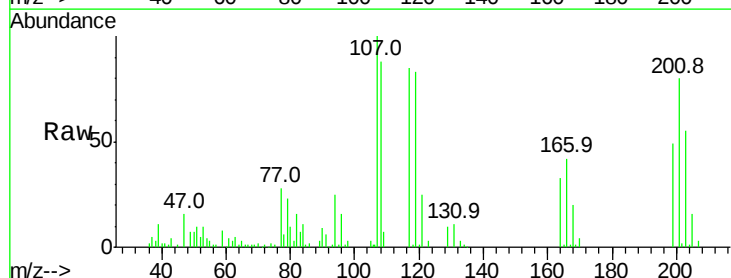
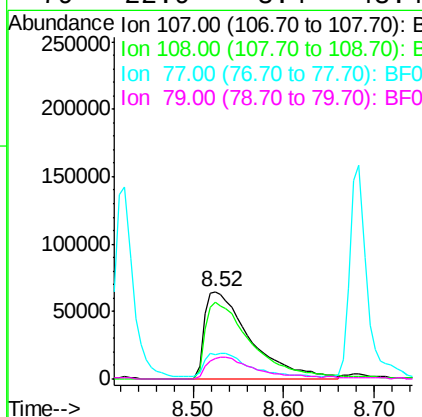
Manual Integrations
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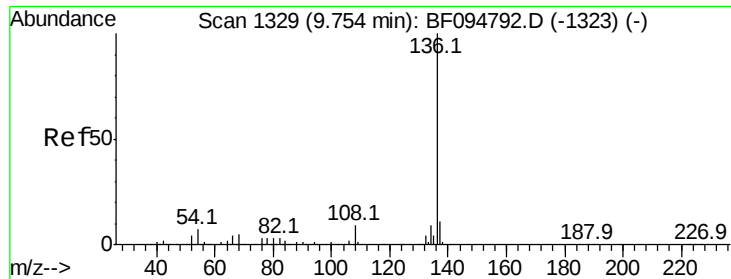
mohammad
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#20
3+4-Methylphenols
Concen: 37.25 ng
RT: 8.52 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		228463		
108	87.6	71.0	111.0		
77	28.5	90.5	130.5#		
79	22.9	8.4	48.4		





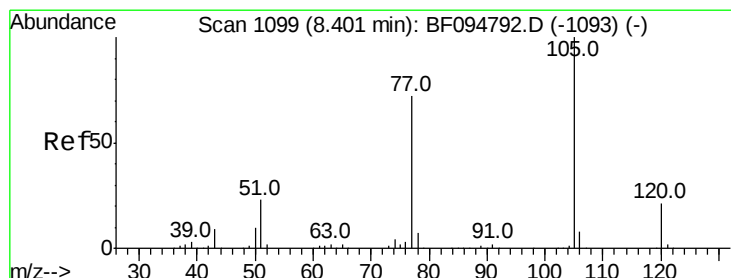
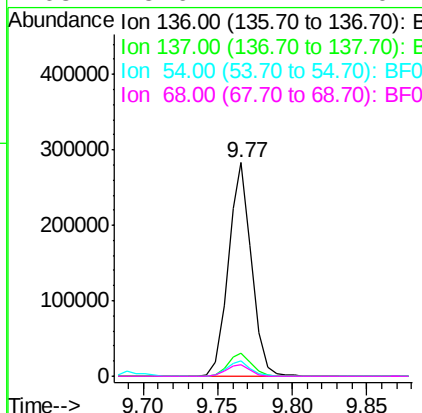
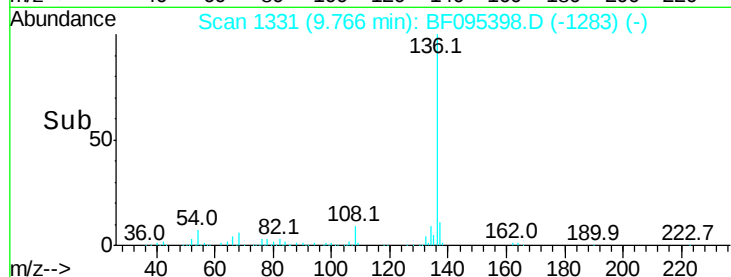
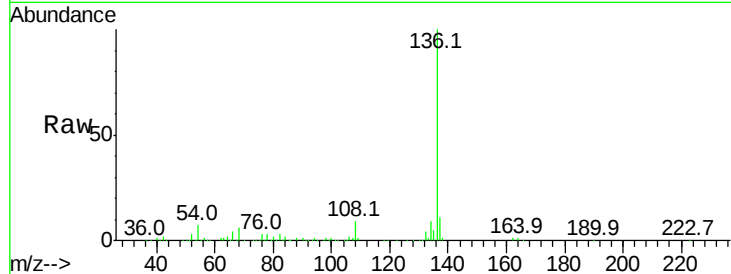
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	307271		
137	10.8		8.5	12.7
54	7.0		4.9	7.3
68	5.6		4.1	6.1

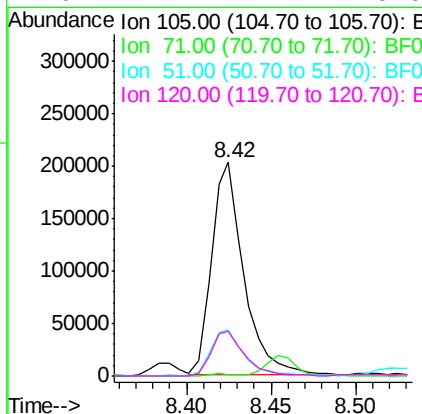
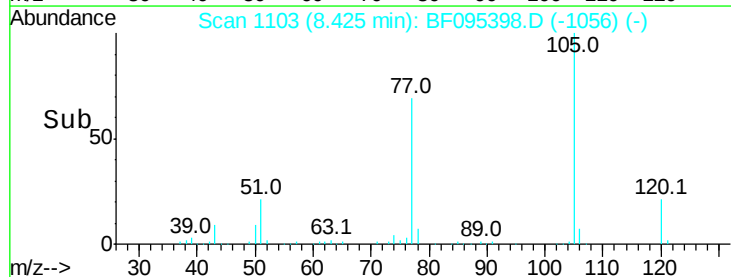
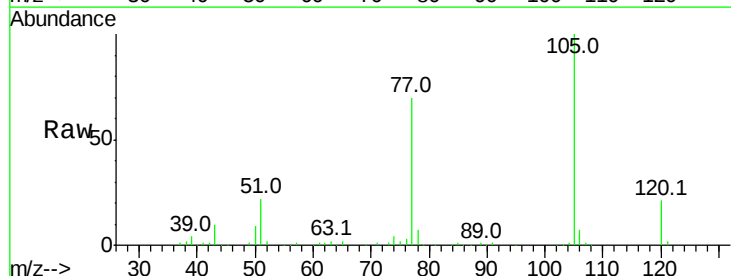
Manual Integrations
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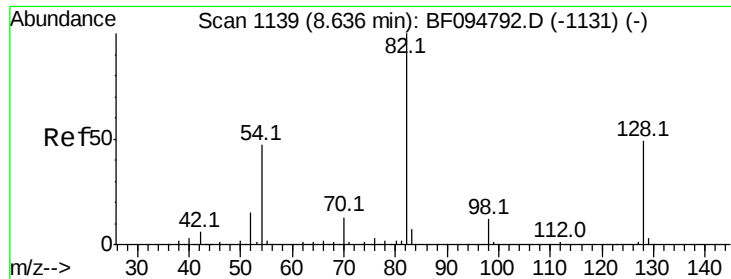
mohammad
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#22
Acetophenone
Concen: 36.22 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266995		
71	0.6		2.8	4.2#
51	21.6		30.7	46.1#
120	21.2		17.4	26.0





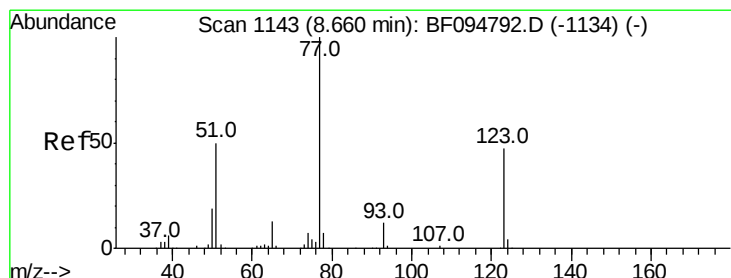
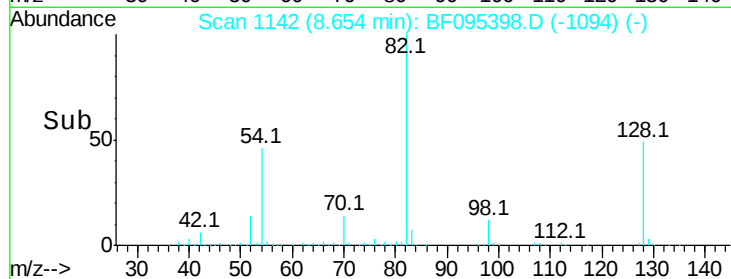
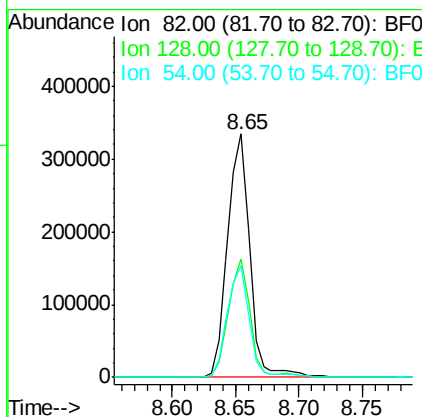
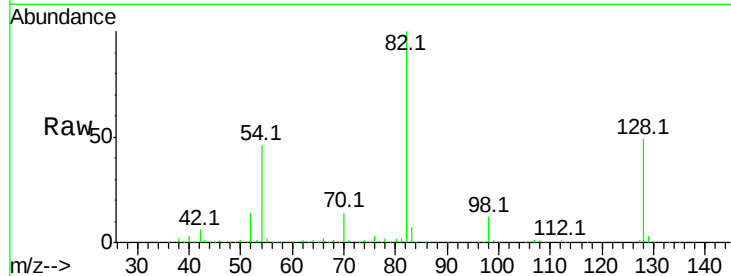
#23
 Nitrobenzene-d5
 Concen: 83.41 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.7	34.0	51.0	
54	45.9	42.2	63.2	

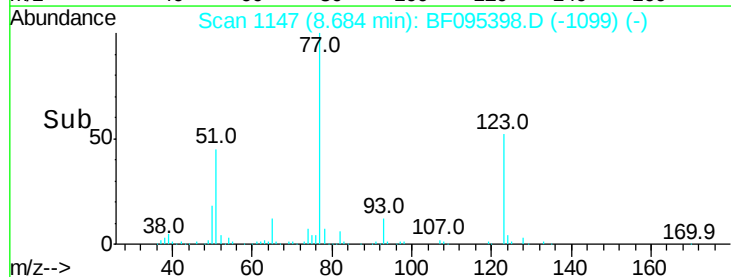
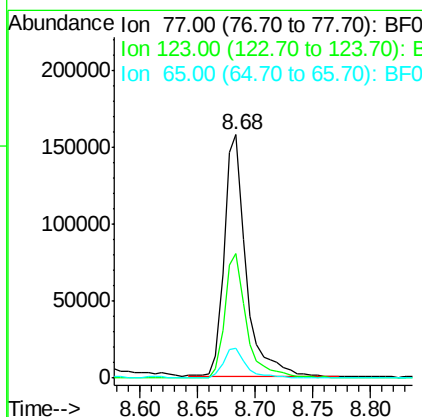
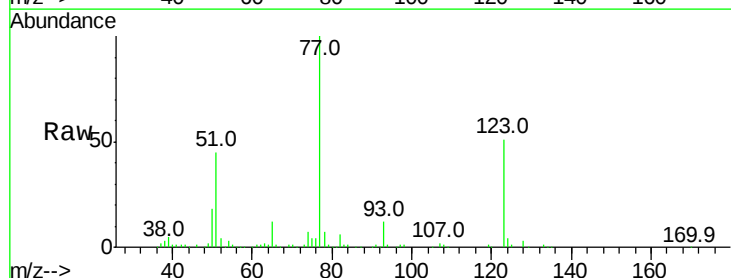
Manual Integrations
 APPROVED

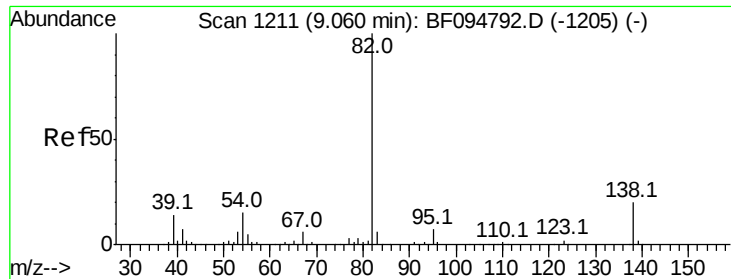
mohammad
 5/25/2017 8:52:45 AM



#24
 Nitrobenzene
 Concen: 40.56 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	35.8	53.8	
65	12.2	10.6	15.8	





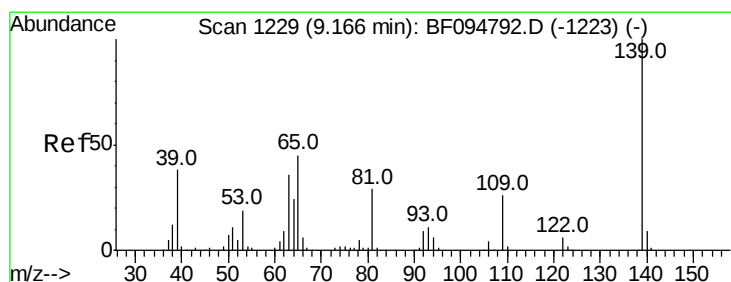
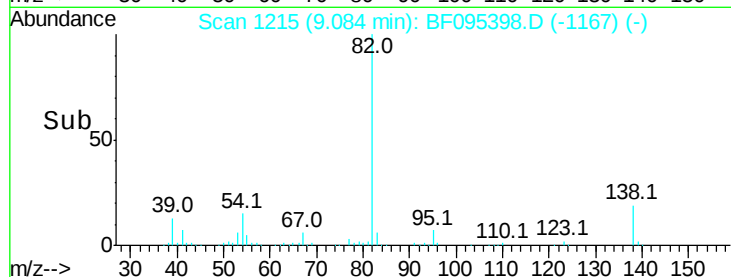
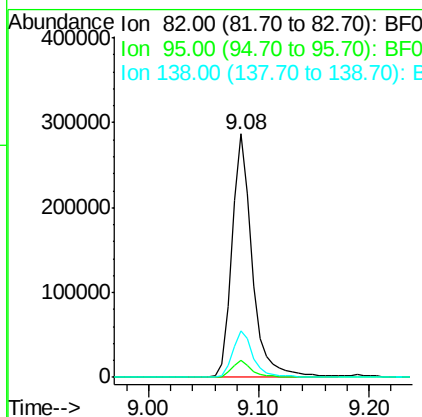
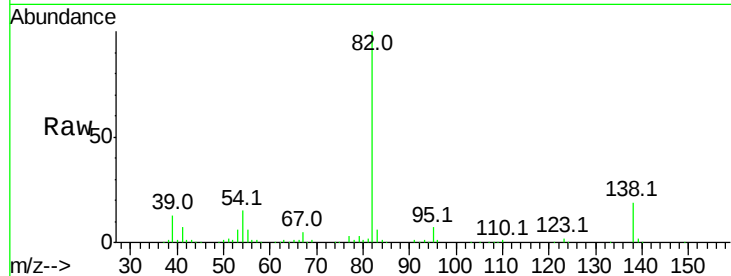
#25
Isophorone
Concen: 42.59 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.3	7.9	
138	19.1	13.1	19.7	

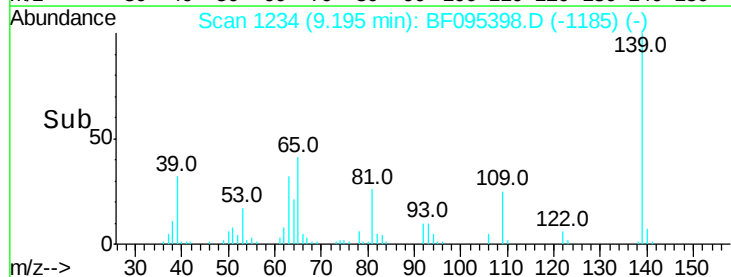
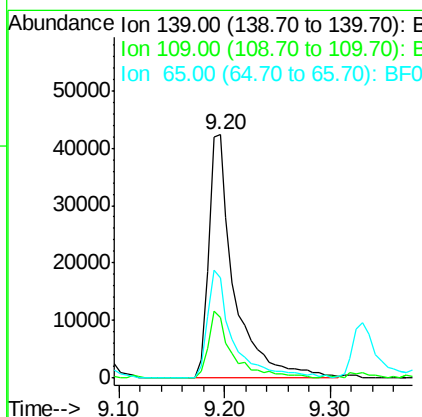
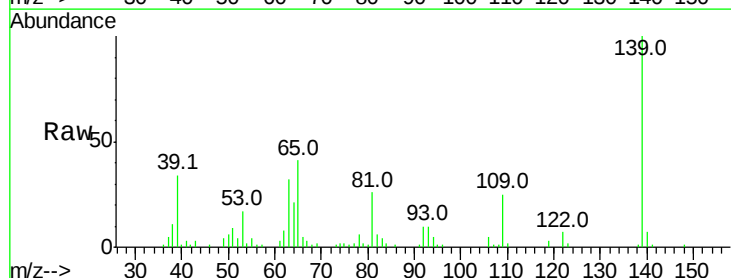
Manual Integrations
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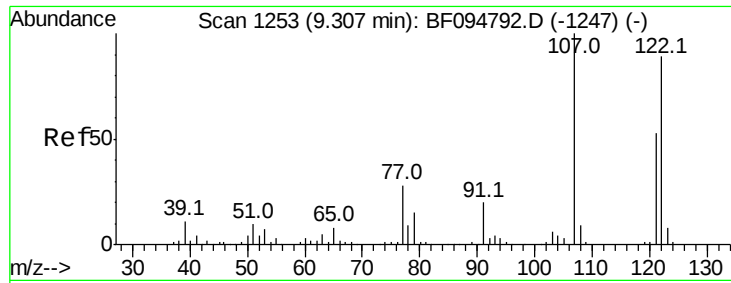
mohammad
5/25/2017 8:52:45 AM



#26
2-Nitrophenol
Concen: 25.99 ng
RT: 9.20 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.9	21.0	31.6	
65	41.0	33.0	49.6	





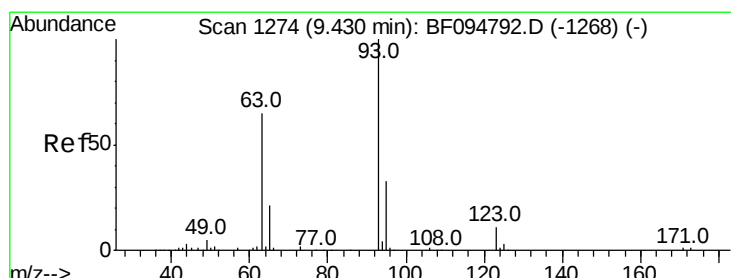
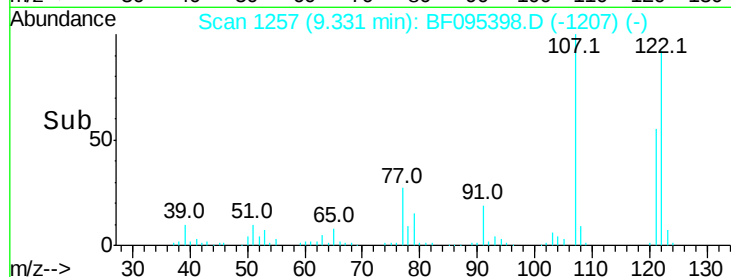
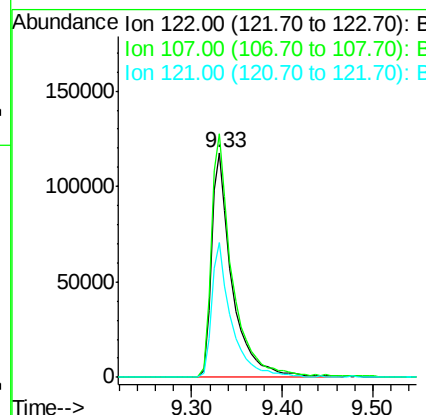
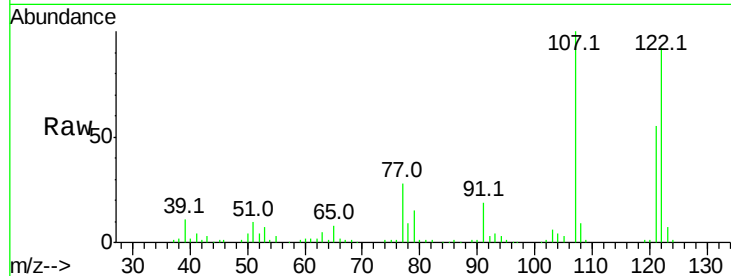
#27
 2,4-Dimethylphenol
 Concen: 42.10 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	187593		
107	108.3	89.2	133.8	
121	59.8	45.2	67.8	

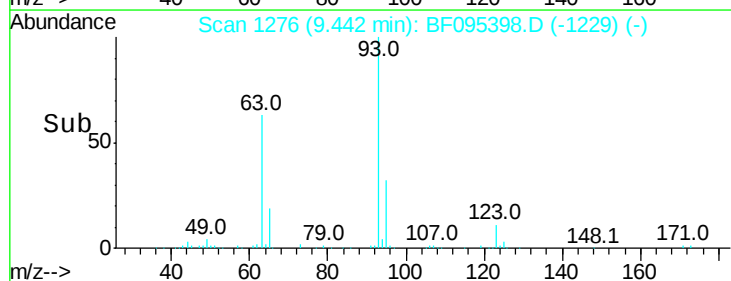
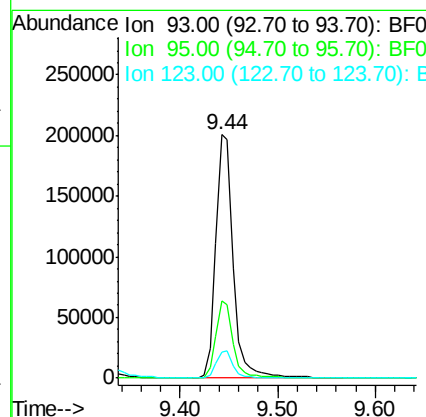
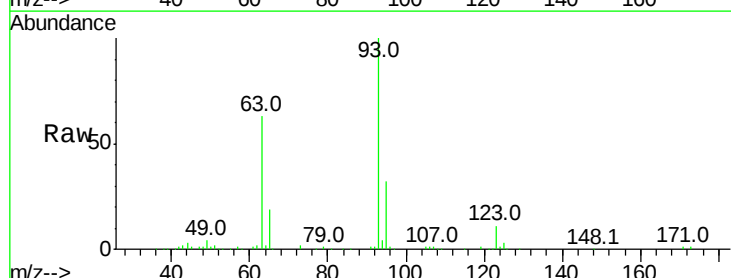
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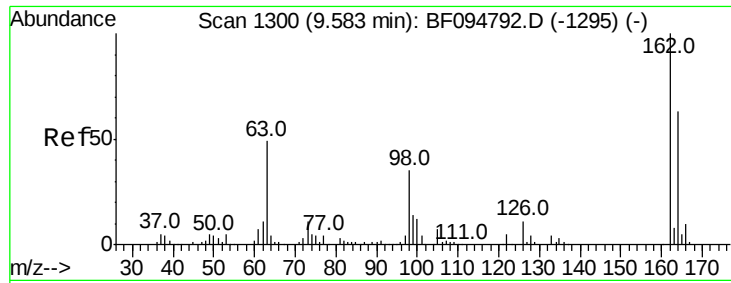
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.48 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	249660		
95	31.8	26.5	39.7	
123	10.8	9.0	13.4	





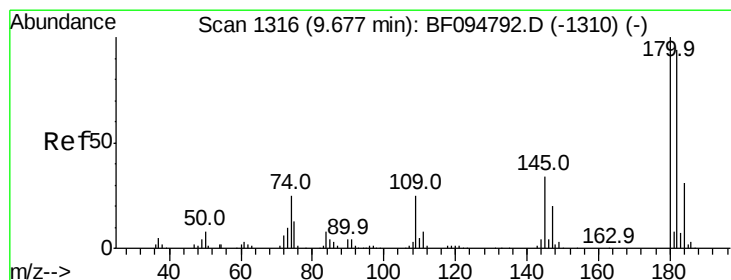
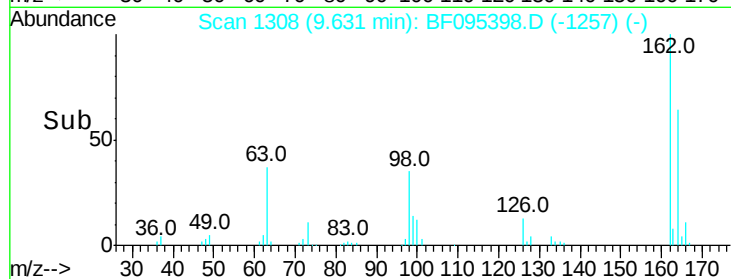
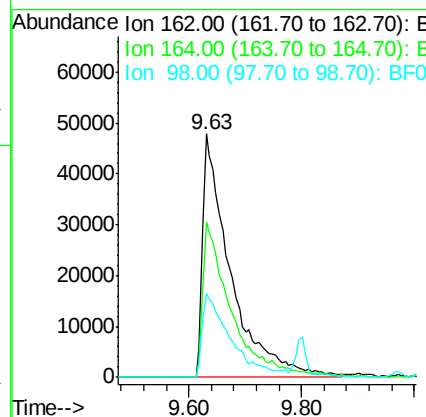
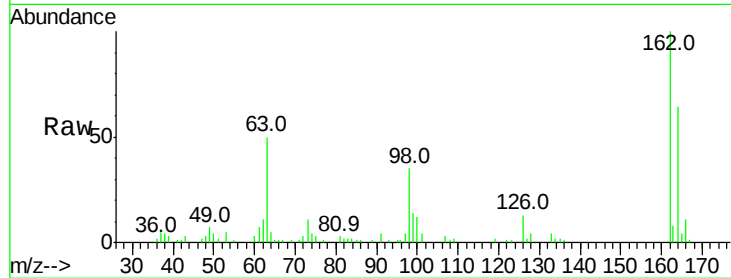
#29
 2,4-Dichlorophenol
 Concen: 38.87 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	163555		
164	63.6		44.6	84.6
98	34.6		14.8	54.8

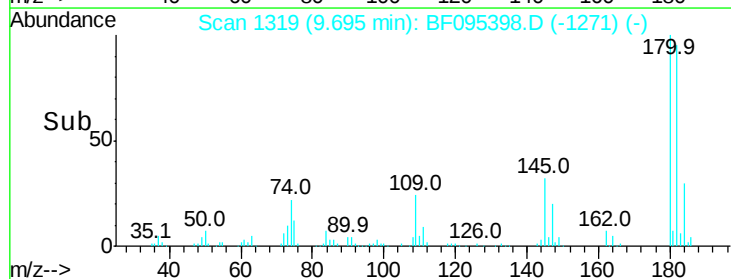
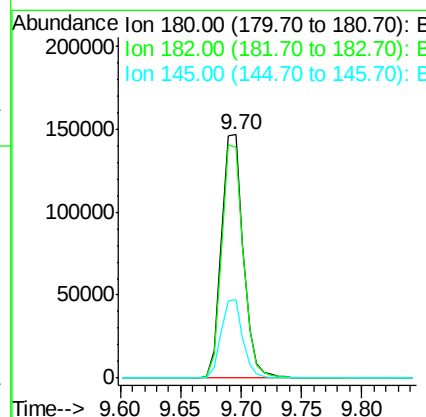
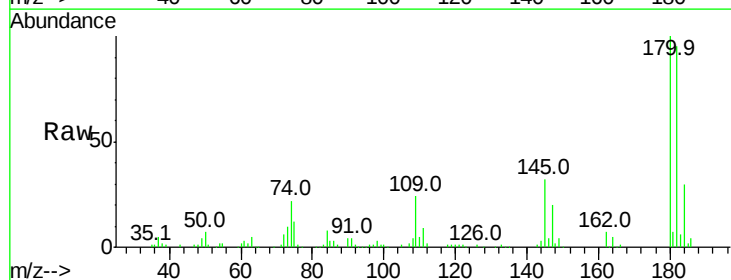
Manual Integrations
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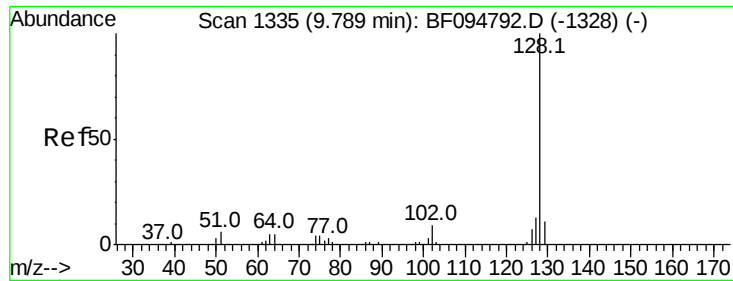
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.38 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182013		
182	94.9		75.8	113.6
145	32.1		25.3	37.9





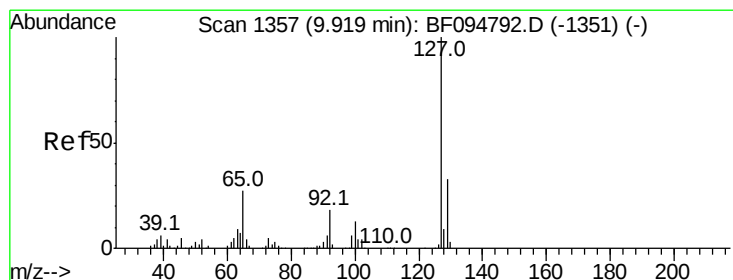
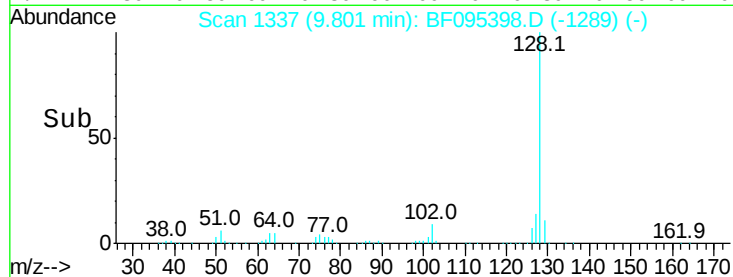
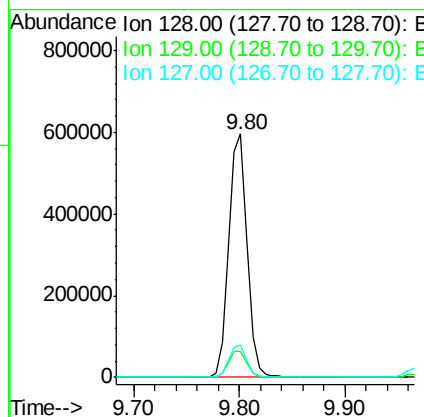
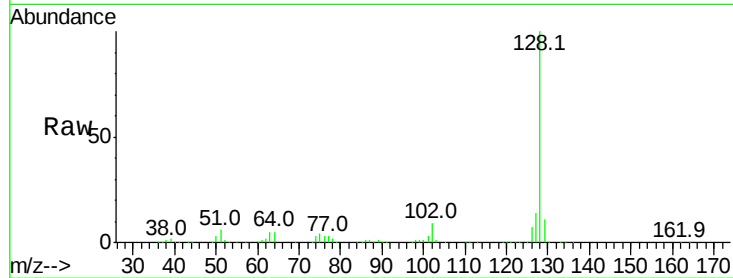
#31
Naphthalene
Concen: 46.02 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion:128	Resp:	710754
Ion Ratio	Lower	Upper
128 100		
129 10.8	9.0	13.6
127 13.5	10.8	16.2

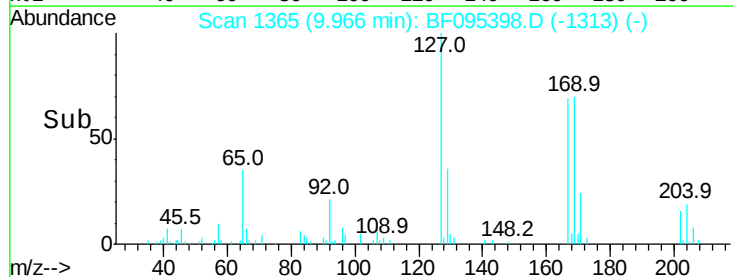
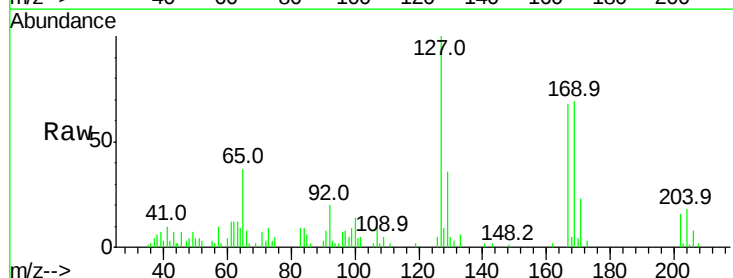
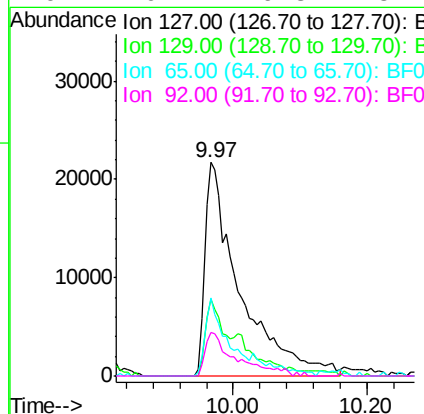
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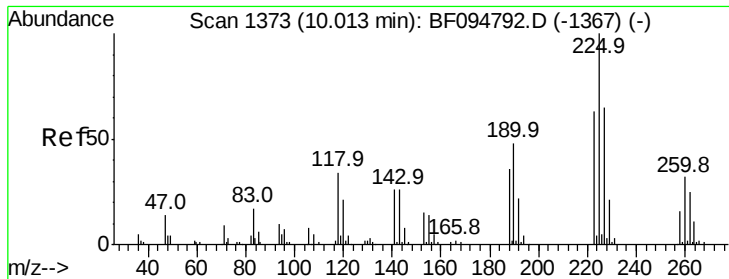
mohammad
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#33
4-Chloroaniline
Concen: 13.63 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion:127	Resp:	78434
Ion Ratio	Lower	Upper
127 100		
129 35.8	26.2	39.2
65 36.5	27.8	41.8
92 20.4	16.8	25.2





#34

Hexachlorobutadiene

Concen: 38.01 ng

RT: 10.01 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

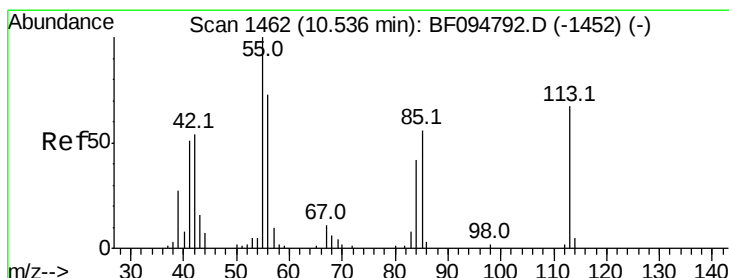
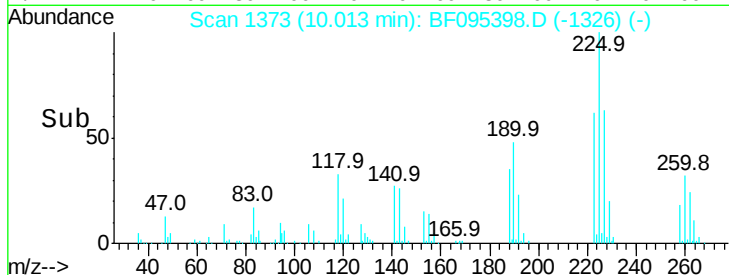
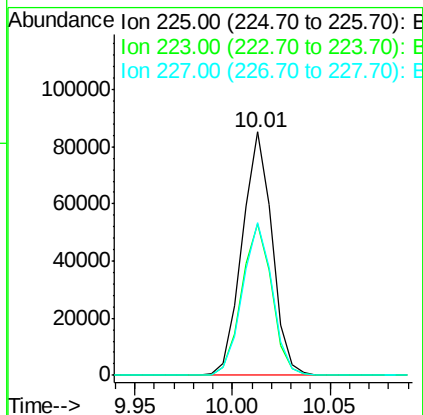
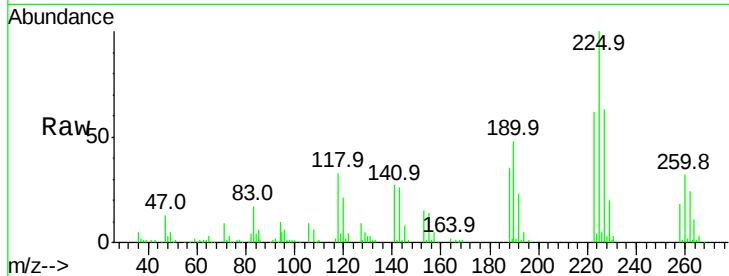
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion:	225	Resp:	90395
Ion Ratio		Lower	Upper
225	100		
223	62.1	48.8	73.2
227	62.8	51.1	76.7

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#35

Caprolactam

Concen: 36.58 ng

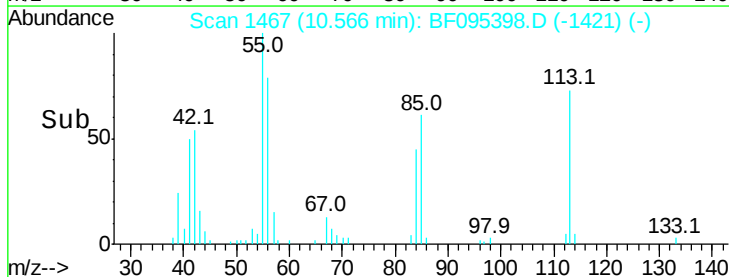
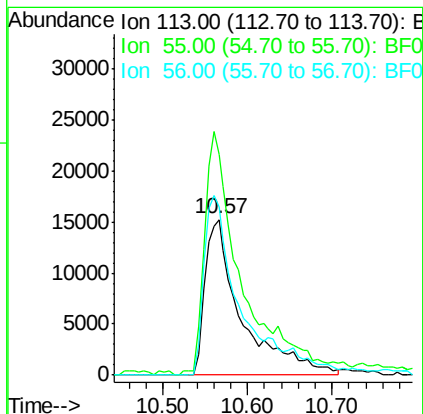
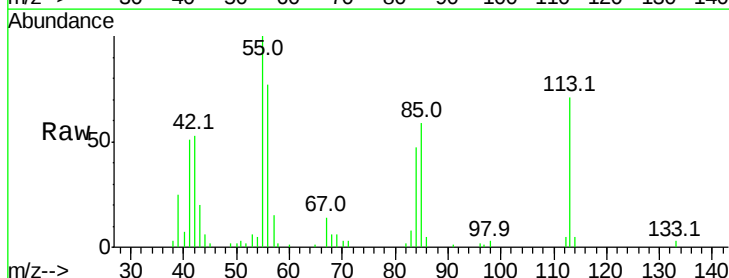
RT: 10.57 min Scan# 1467

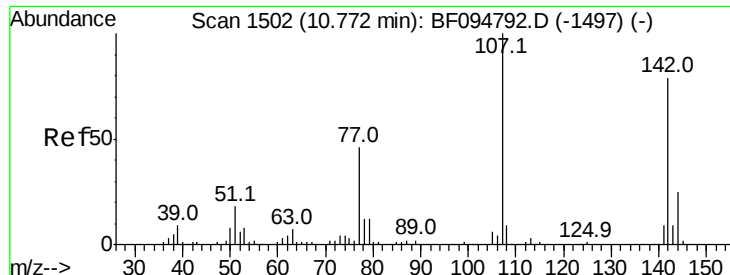
Delta R.T. -0.03 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Tgt Ion:	113	Resp:	46208
Ion Ratio		Lower	Upper
113	100		
55	141.6	150.2	190.2#
56	108.4	107.8	147.8





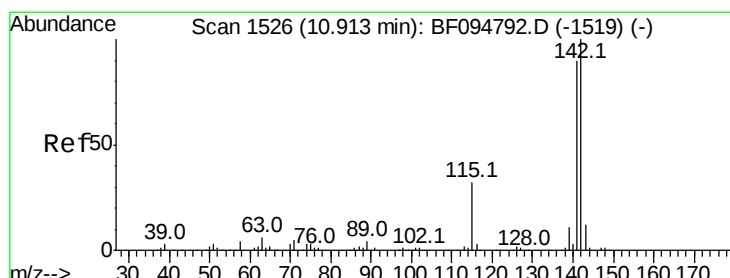
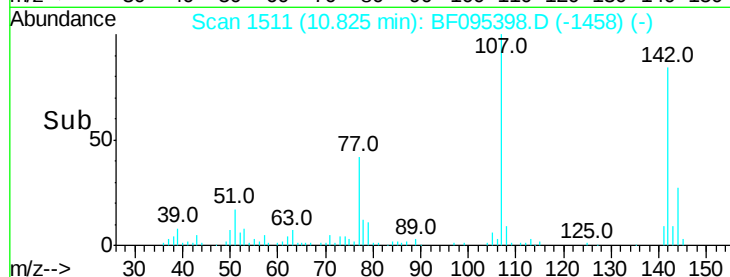
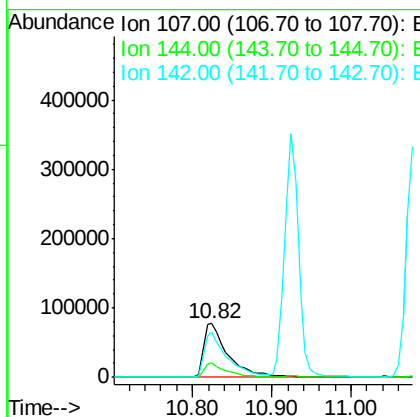
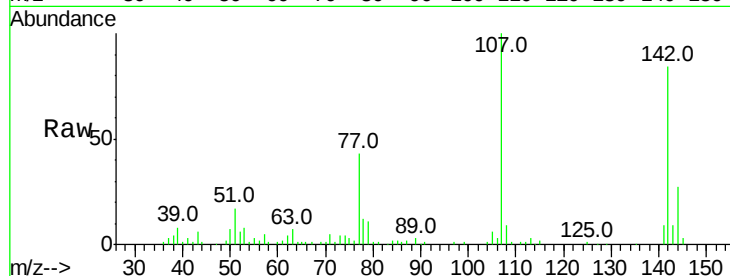
#36
 4-Chloro-3-methylphenol
 Concen: 37.18 ng
 RT: 10.82 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.0	24.2	36.4
142	83.7	73.4	110.0

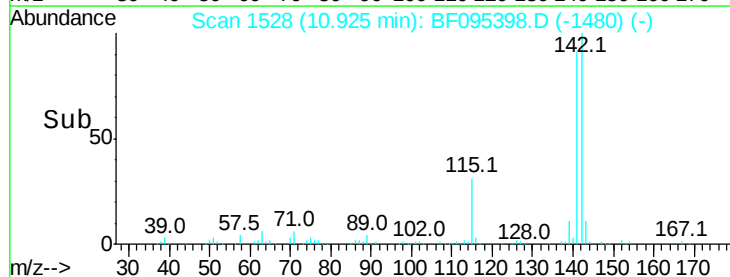
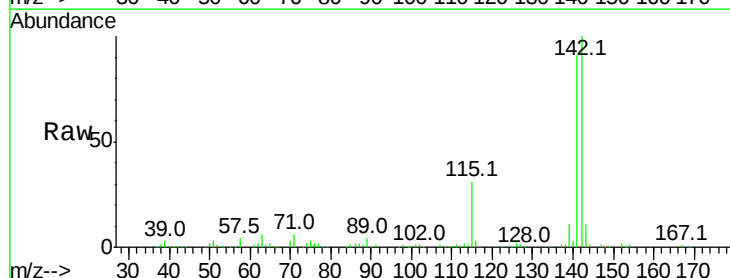
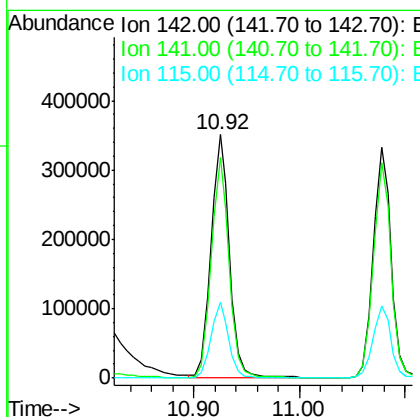
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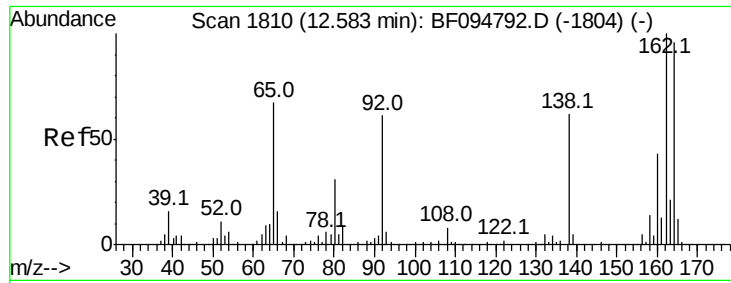
mohammad
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#37
 2-Methylnaphthalene
 Concen: 42.63 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	31.2	27.1	40.7





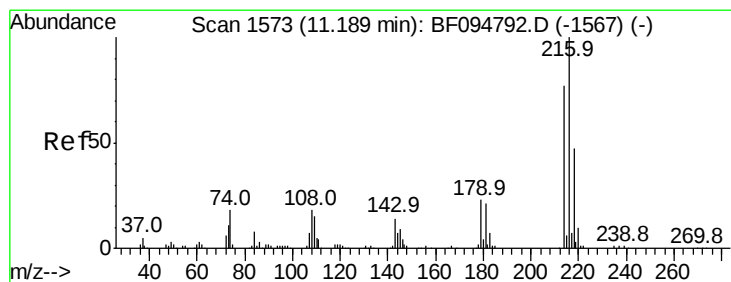
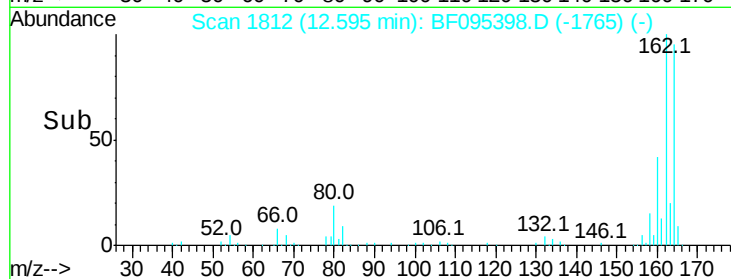
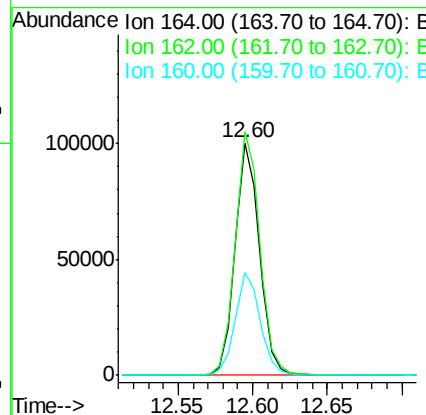
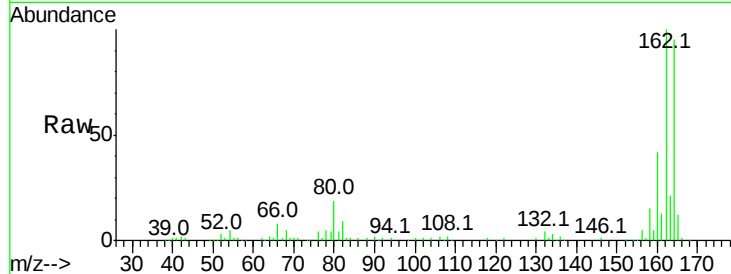
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	44.4	36.2	54.2

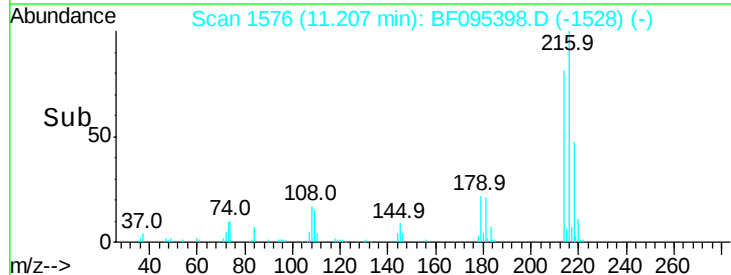
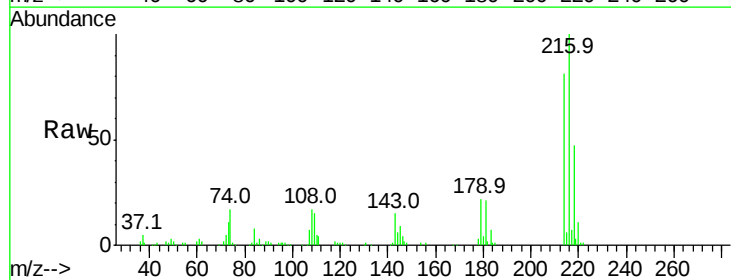
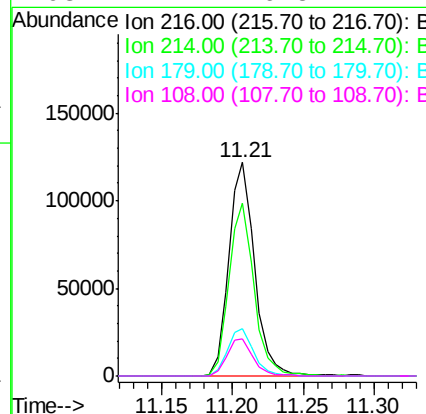
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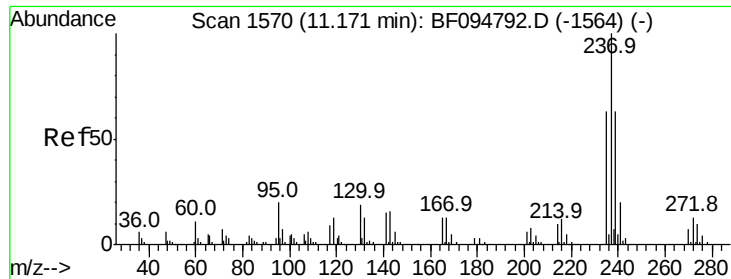
mohammad
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.37 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.4	17.9	26.9
108	17.7	16.5	24.7





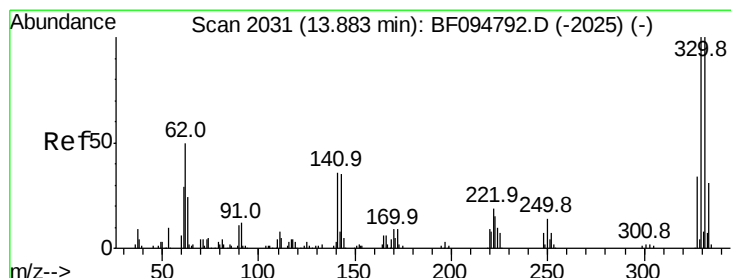
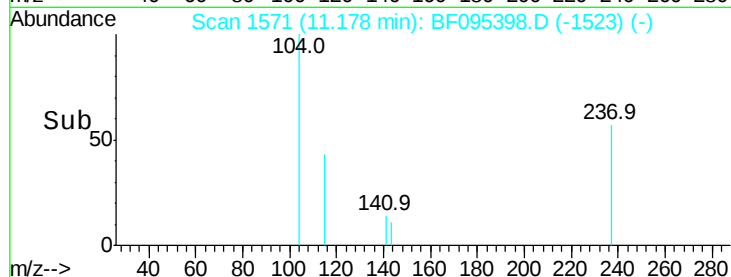
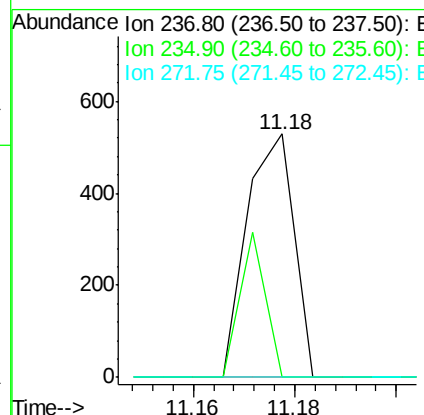
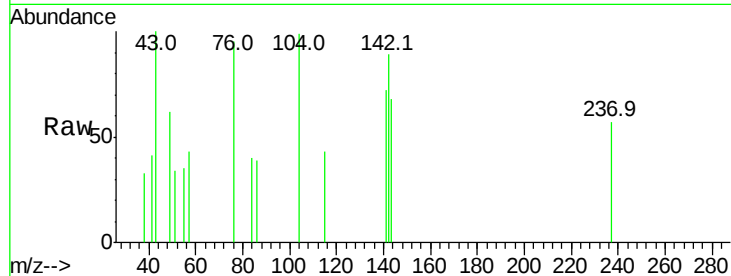
#40
Hexachlorocyclopentadiene
Concen: 6.27 ng
RT: 11.18 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.6	82.6#
272	0.0	0.0	31.9

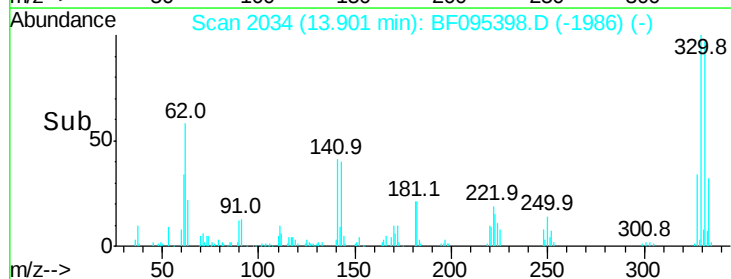
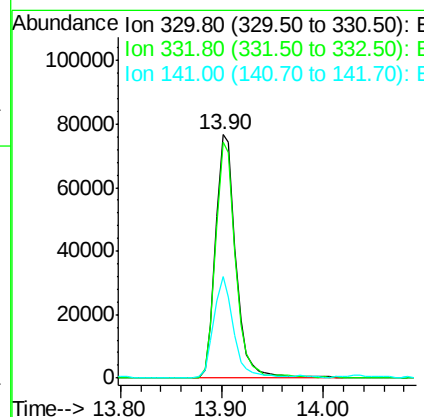
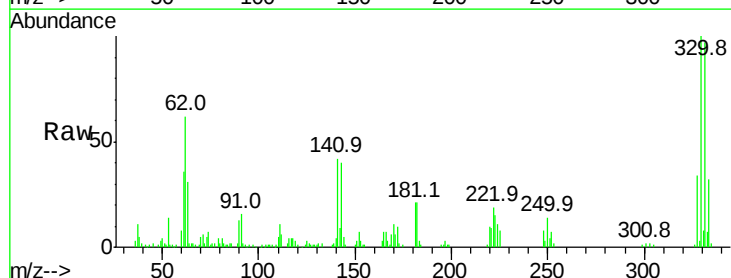
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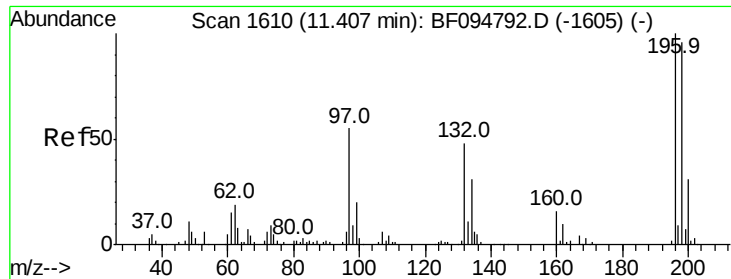
mohammad
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#41
2,4,6-Tribromophenol
Concen: 112.92 ng
RT: 13.90 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	41.1	31.4	47.2





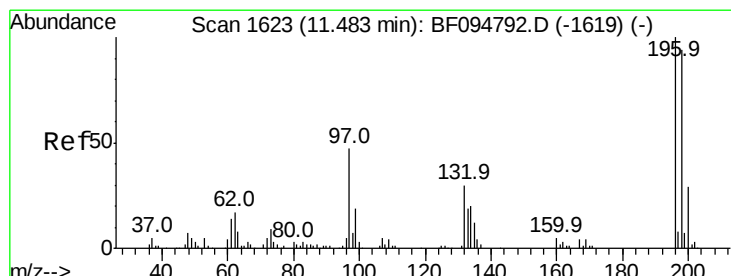
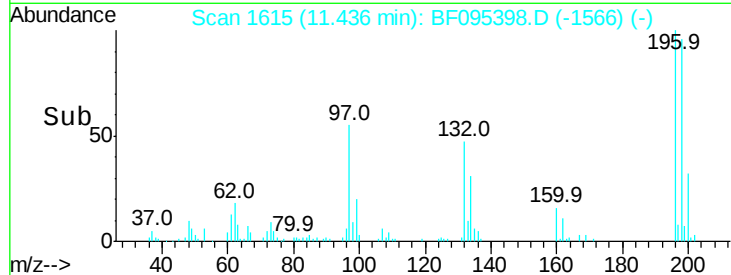
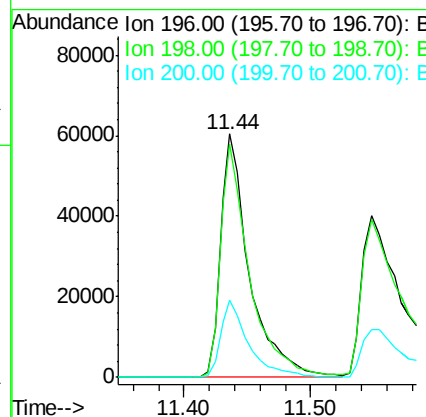
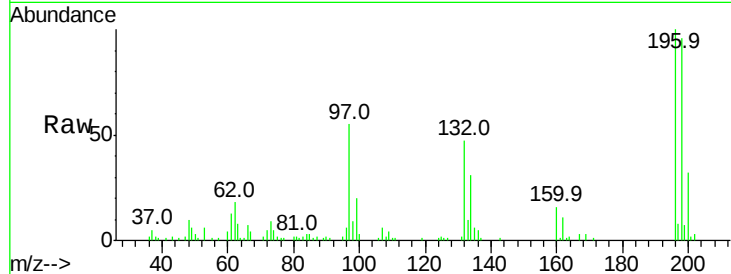
#42
 2,4,6-Trichlorophenol
 Concen: 40.46 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	95991		
198	96.0	74.2	111.4	
200	31.6	24.0	36.0	

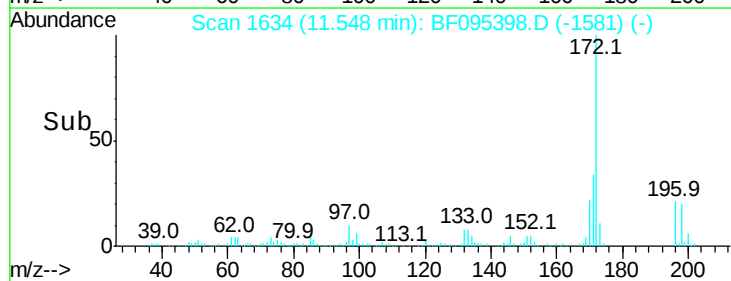
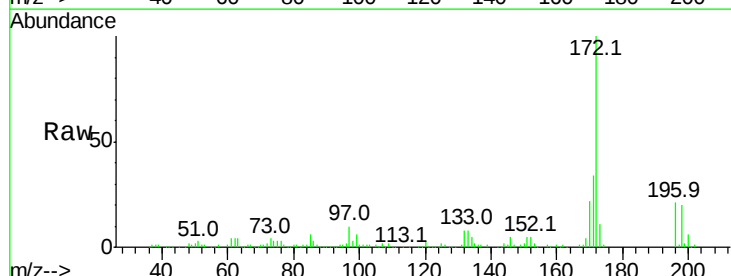
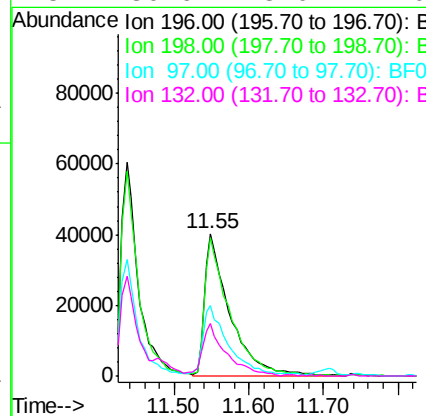
Manual Integrations
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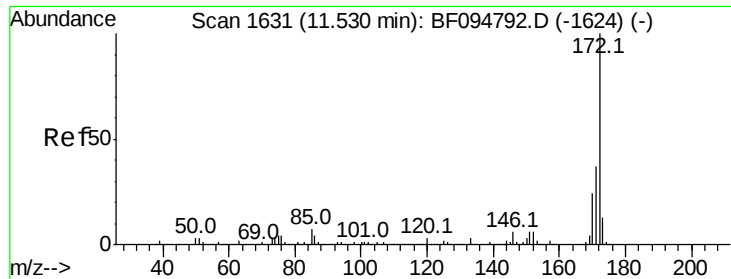
mohammad
 5/25/2017 8:52:45 AM



#43
 2,4,5-Trichlorophenol
 Concen: 37.44 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95467		
198	97.2	75.7	113.5	
97	49.1	47.7	71.5	
132	36.6	28.0	42.0	





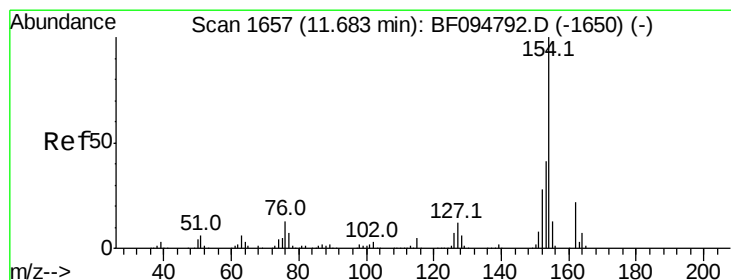
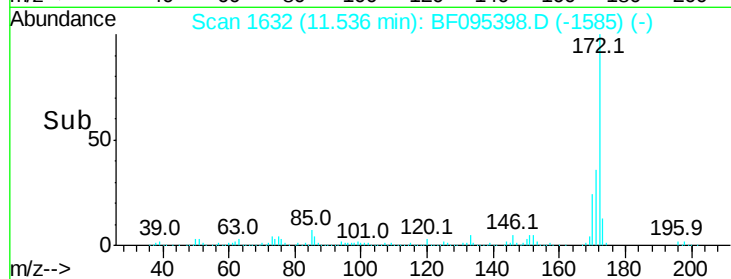
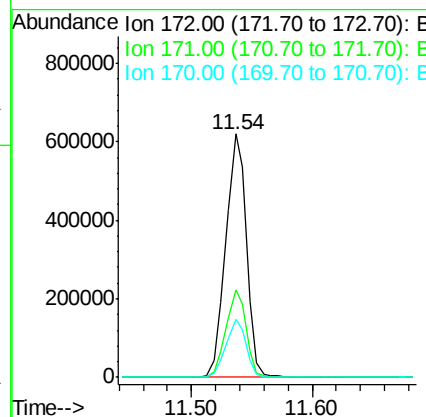
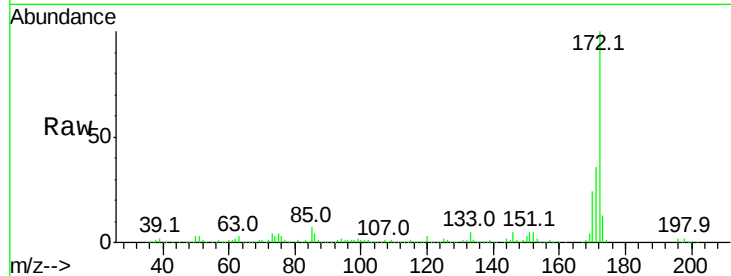
#44
2-Fluorobiphenyl
Concen: 91.35 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.7	19.8	29.8

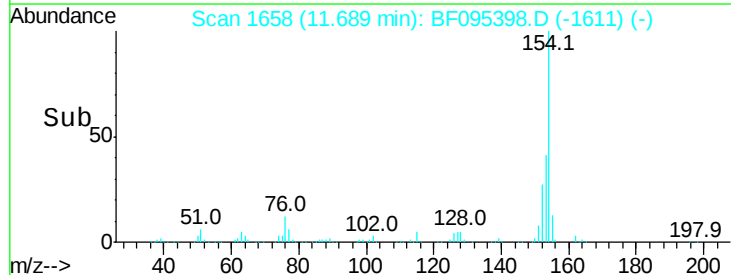
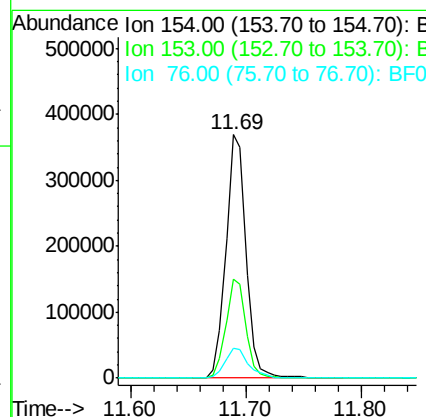
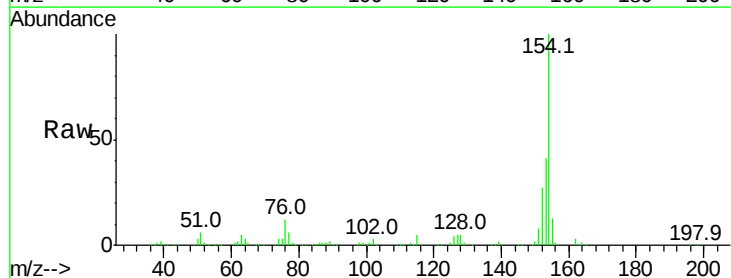
Manual Integrations
APPROVED

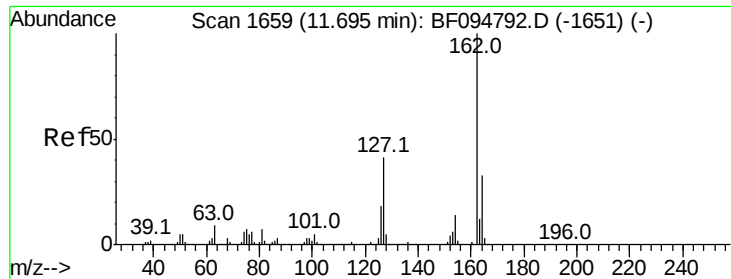
mohammad
5/25/2017 8:52:45 AM



#45
1,1'-Biphenyl
Concen: 45.82 ng
RT: 11.69 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.3	0.0	29.9





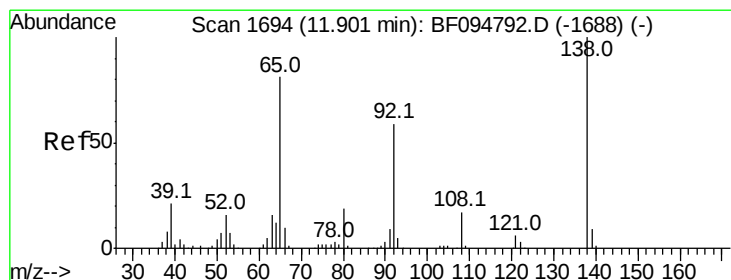
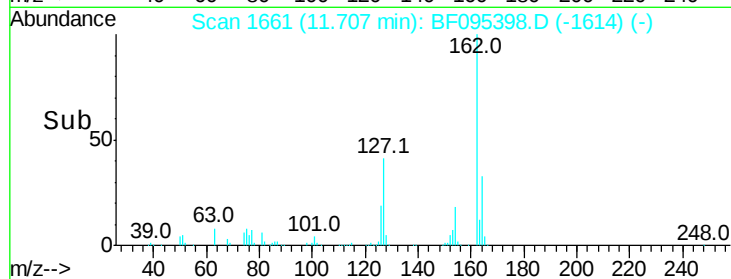
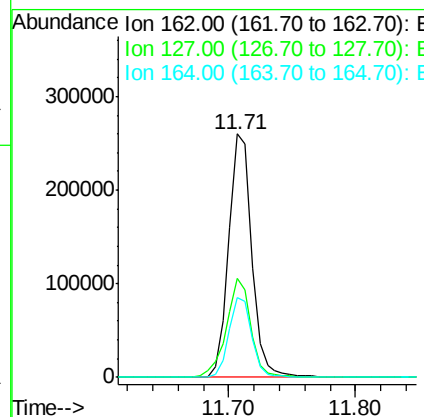
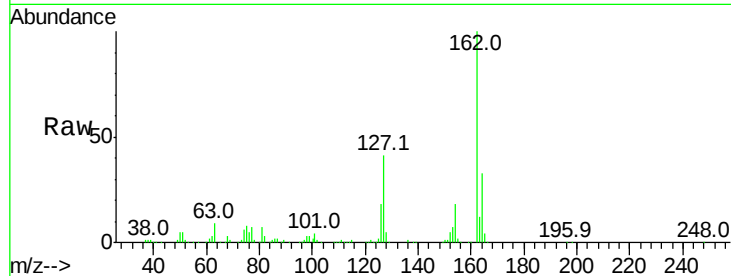
#46
2-Chloronaphthalene
Concen: 41.88 ng
RT: 11.71 min Scan# 1661
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	329020		
127	40.6	28.3	42.5	
164	32.8	27.0	40.4	

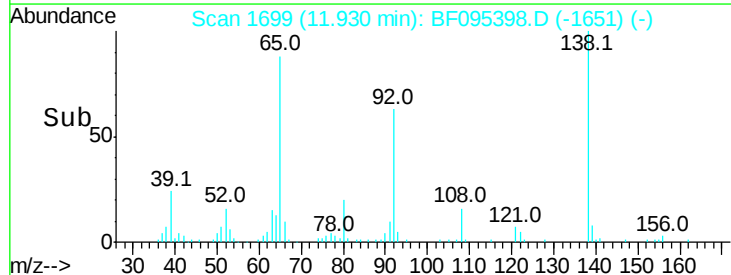
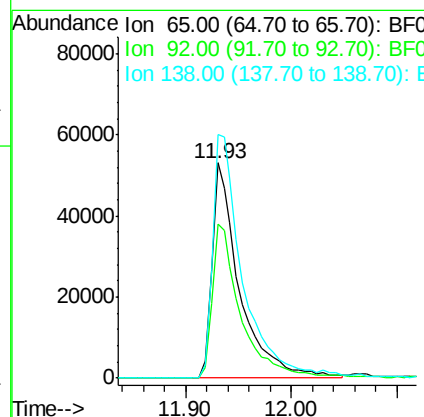
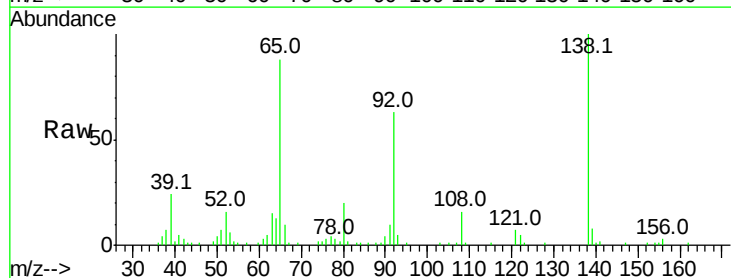
Manual Integrations
APPROVED

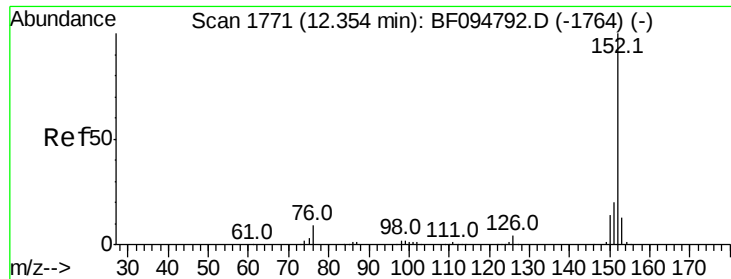
mohammad
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#47
2-Nitroaniline
Concen: 44.98 ng
RT: 11.93 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	96712		
92	71.8	53.9	80.9	
138	113.2	78.8	118.2	





#48

Acenaphthylene

Concen: 46.25 ng

RT: 12.37 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

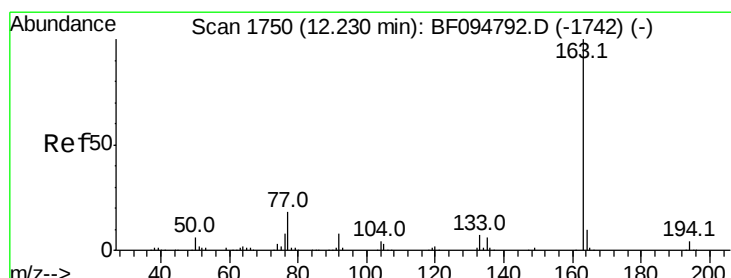
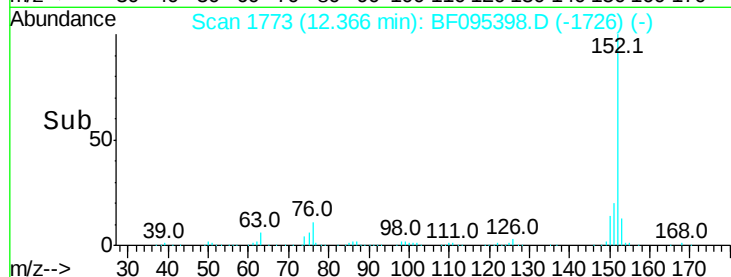
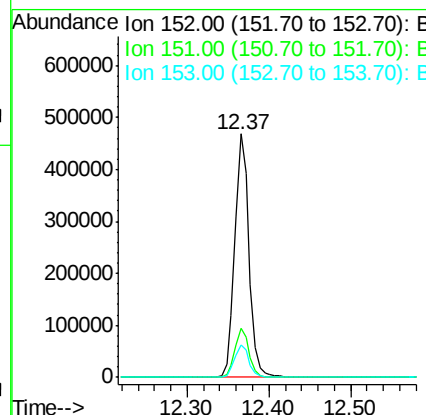
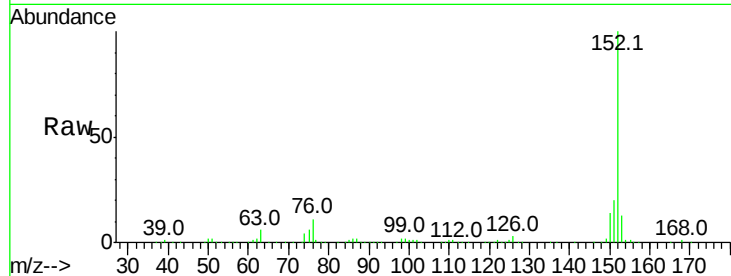
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.4	10.8	16.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 48.82 ng

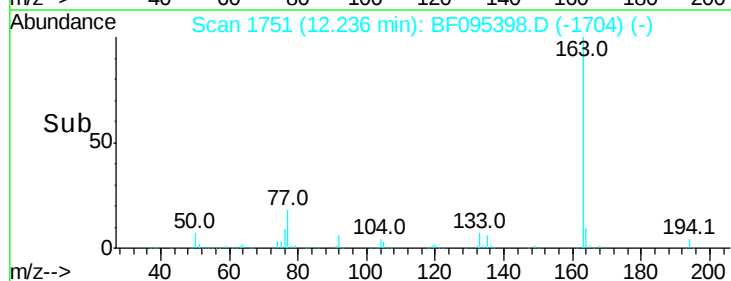
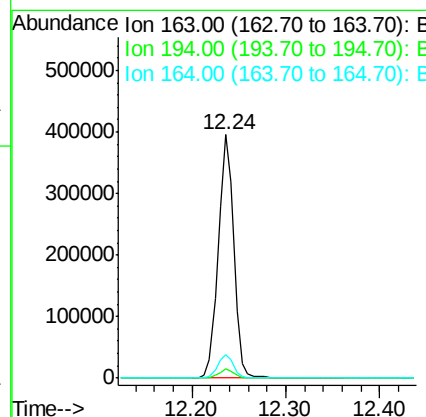
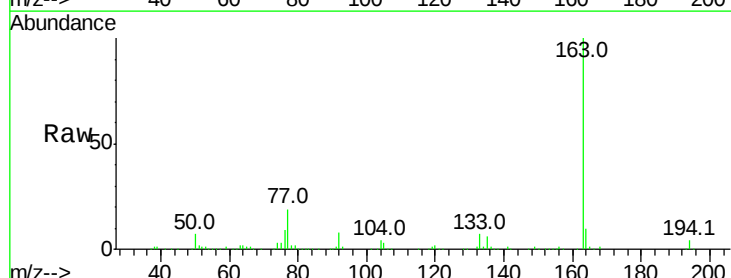
RT: 12.24 min Scan# 1751

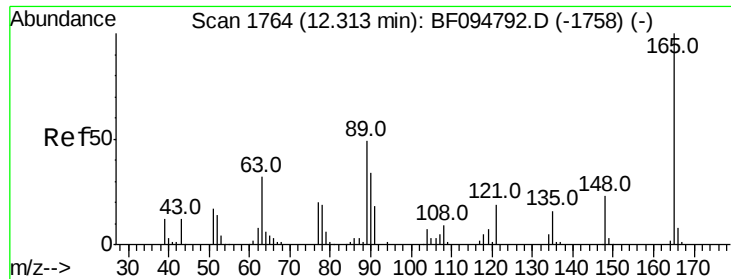
Delta R.T. -0.02 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.9	8.4	12.6





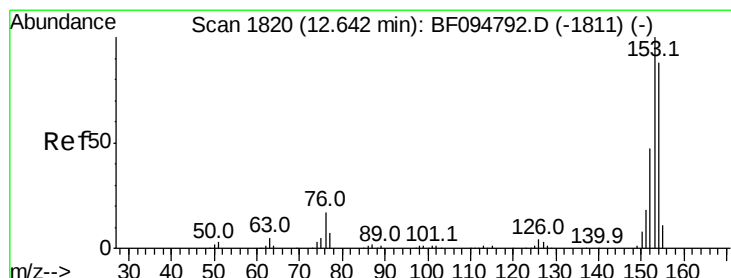
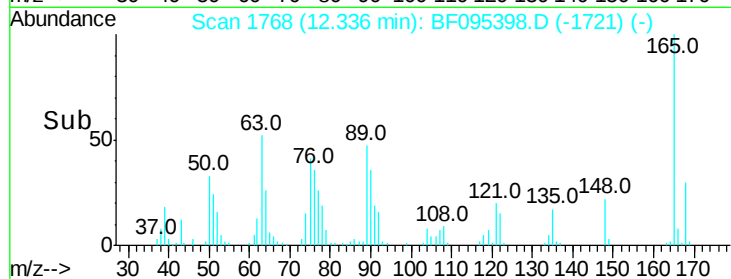
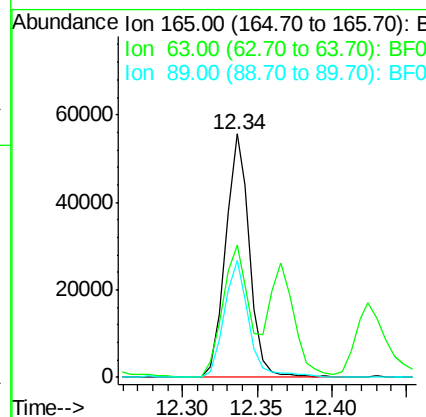
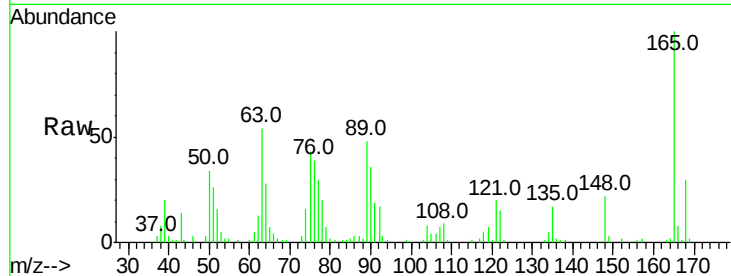
#50
2,6-Dinitrotoluene
Concen: 32.45 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.3	34.3	51.5#
89	48.3	37.1	55.7

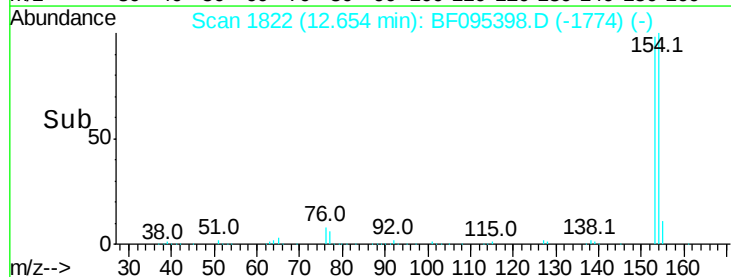
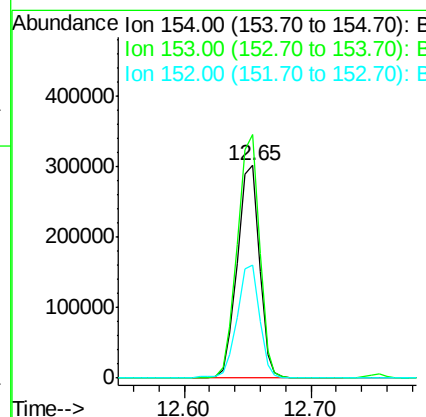
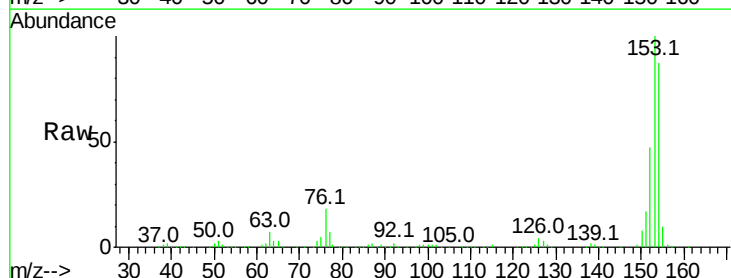
Manual Integrations
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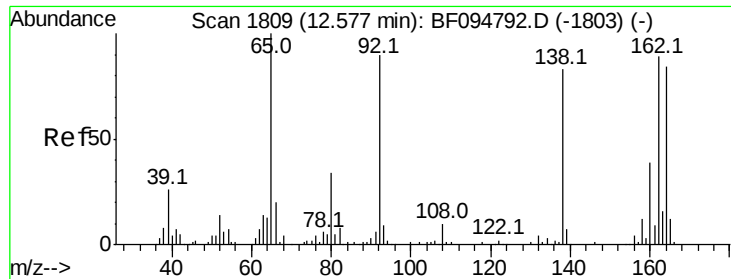
mohammad
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#51
Acenaphthene
Concen: 49.44 ng
RT: 12.65 min Scan# 1822
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.5	90.5	135.7
152	53.4	43.6	65.4





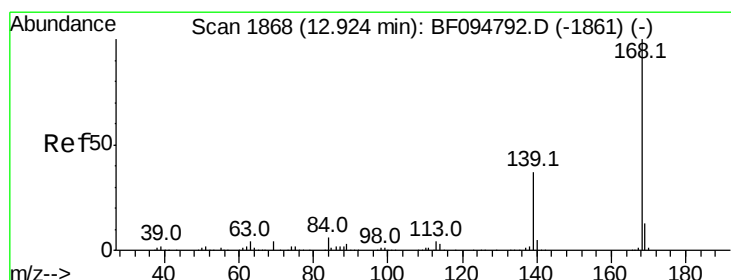
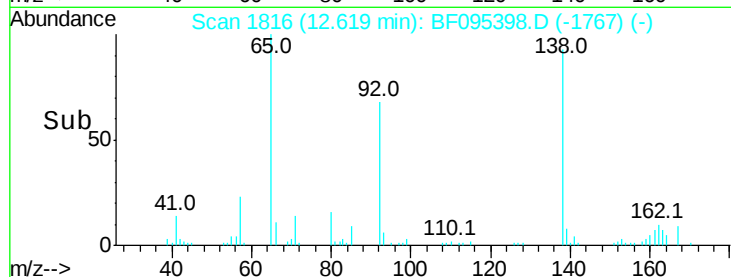
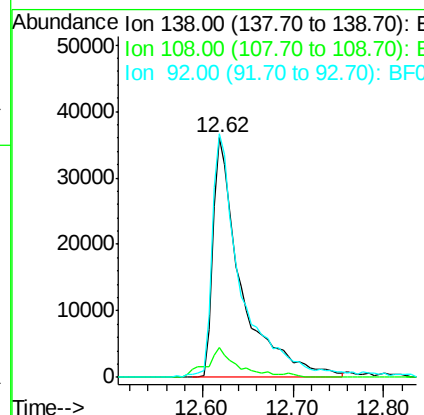
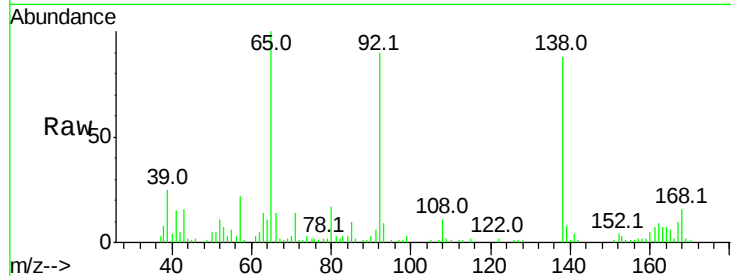
#52
3-Nitroaniline
Concen: 37.96 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.1	13.7
92	101.6	93.8	140.6

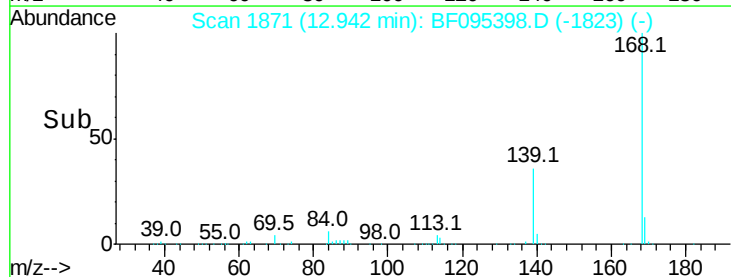
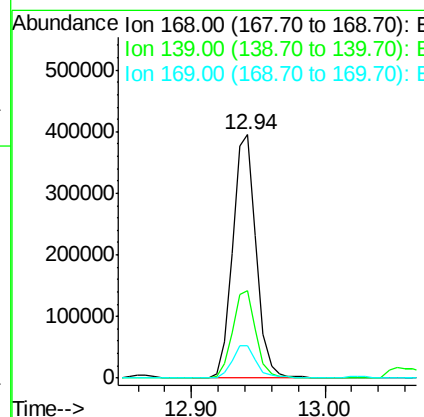
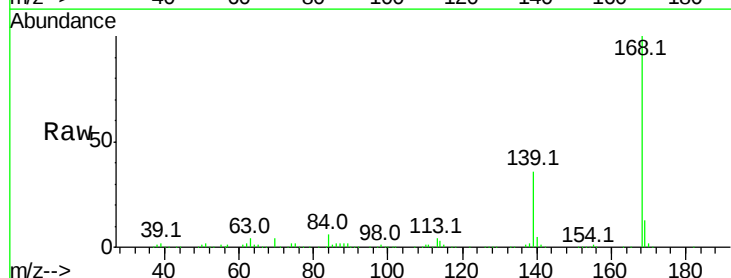
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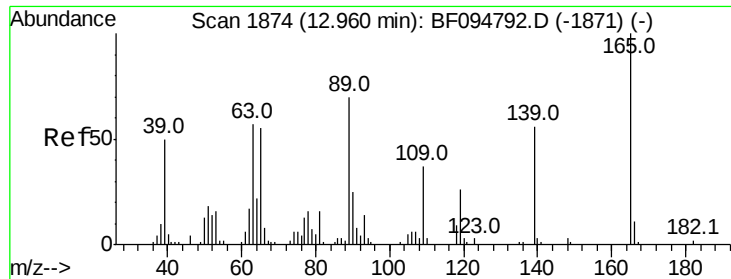
mohammad
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#54
Dibenzofuran
Concen: 47.86 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.6	45.8
169	13.4	10.8	16.2





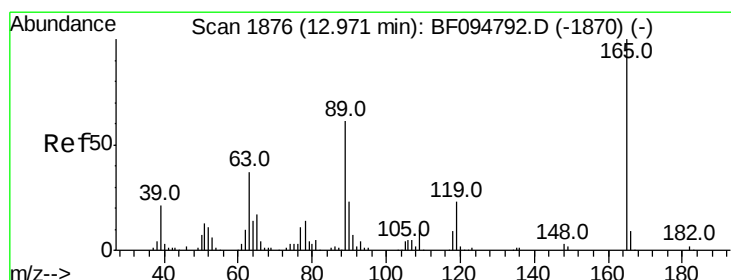
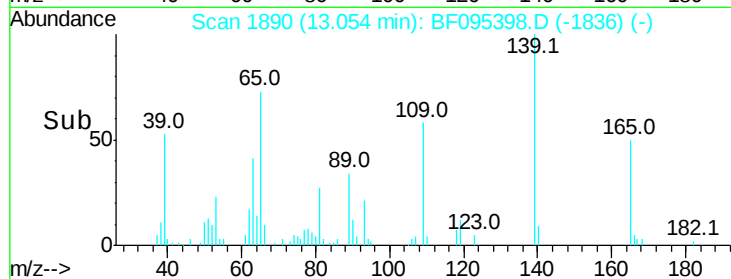
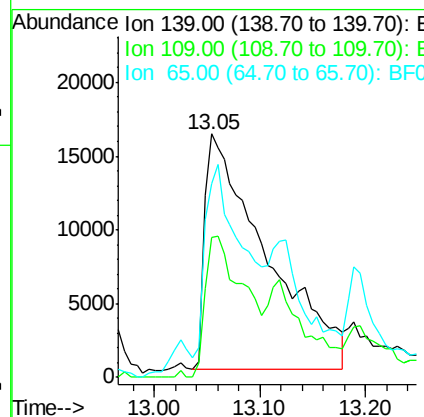
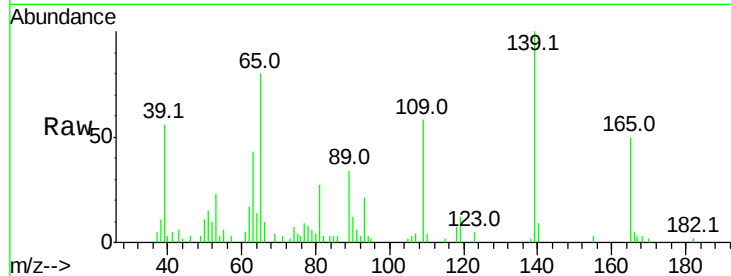
#55
4-Nitrophenol
Concen: 51.53 ng
RT: 13.05 min Scan# 1890
Delta R.T. 0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.6	34.1	74.1
65	79.6	31.4	71.4

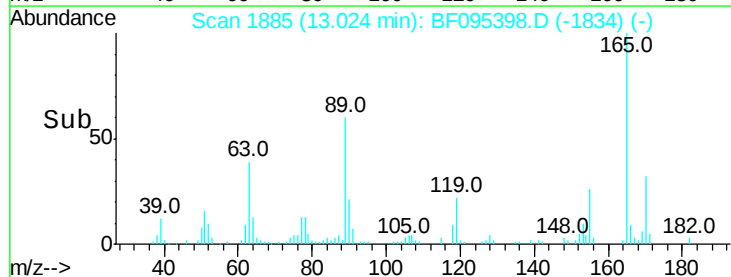
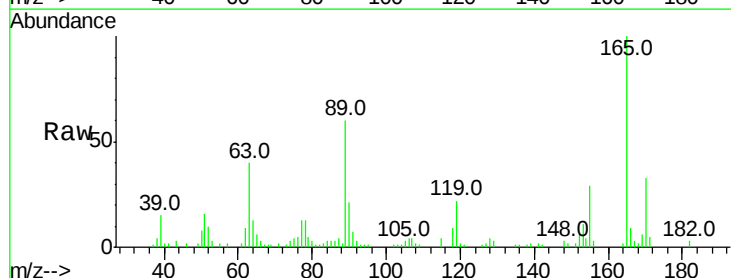
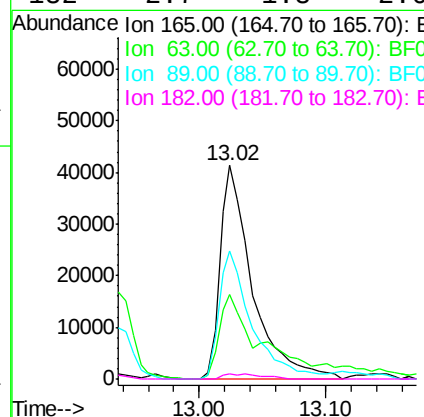
Manual Integrations
APPROVED

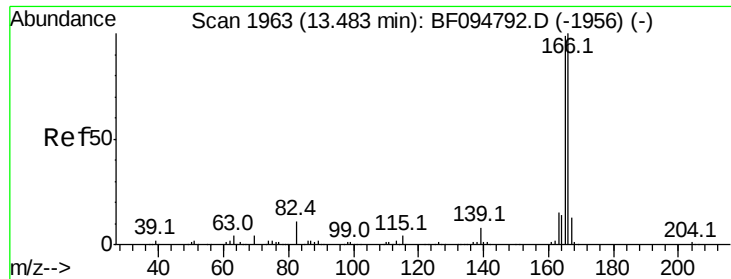
mohammad
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#56
2,4-Dinitrotoluene
Concen: 29.43 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.7	25.4	38.0
89	59.7	46.4	69.6
182	2.7	1.8	2.6





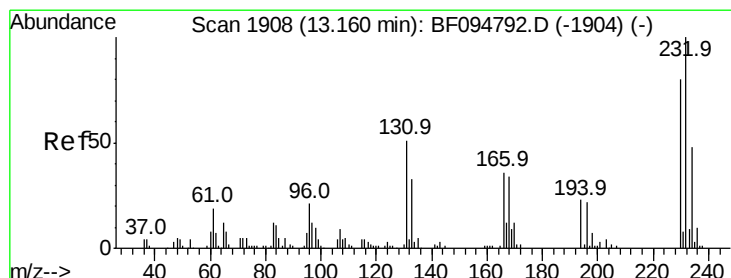
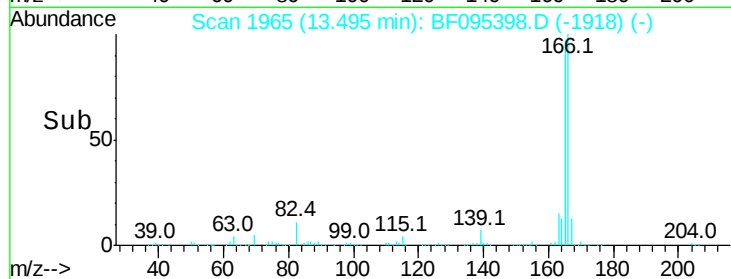
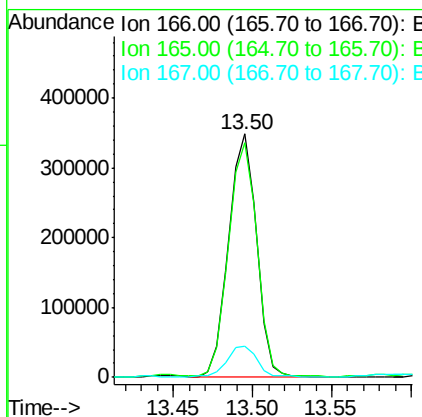
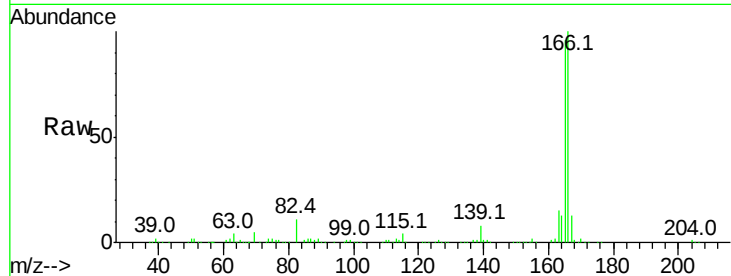
#57
 Fluorene
 Concen: 47.88 ng
 RT: 13.50 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion:	166	Resp:	423431
Ion Ratio	Lower	Upper	
166	100		
165	96.1	78.8	118.2
167	12.9	10.6	16.0

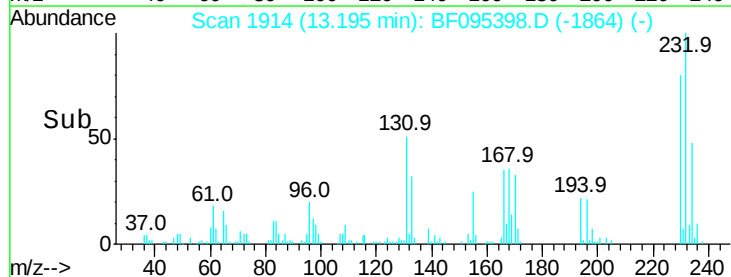
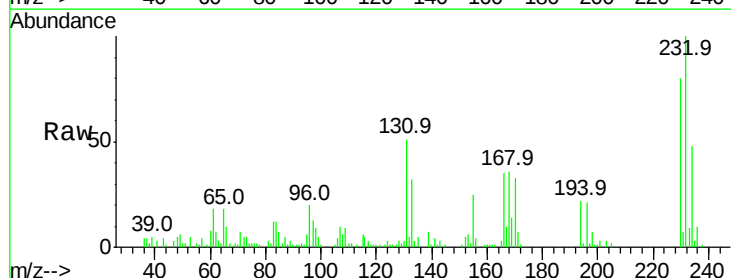
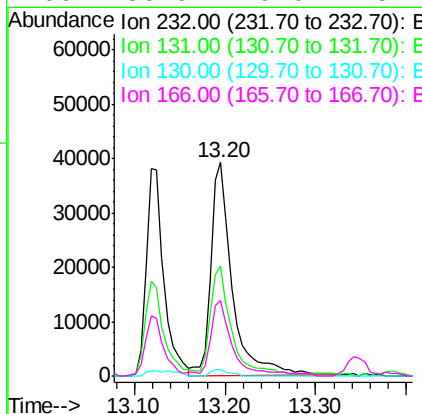
Manual Integrations
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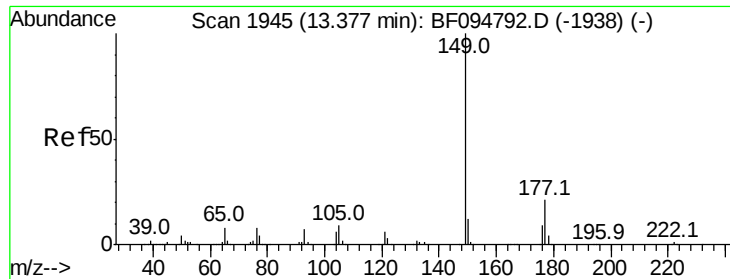
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.84 ng
 RT: 13.20 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion:	232	Resp:	63943
Ion Ratio	Lower	Upper	
232	100		
131	49.3	44.8	67.2
130	2.5	2.3	3.5
166	36.9	29.0	43.4





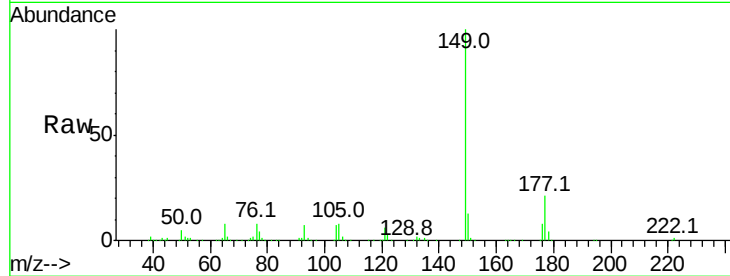
#59
Diethylphthalate
Concen: 39.07 ng
RT: 13.38 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

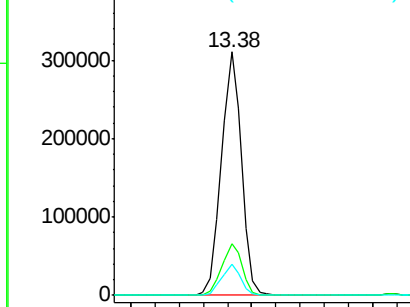
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.8	10.2	15.2

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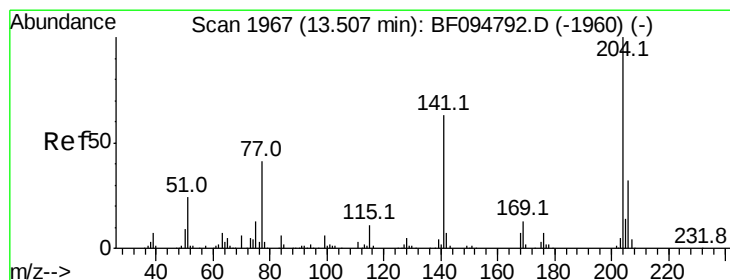
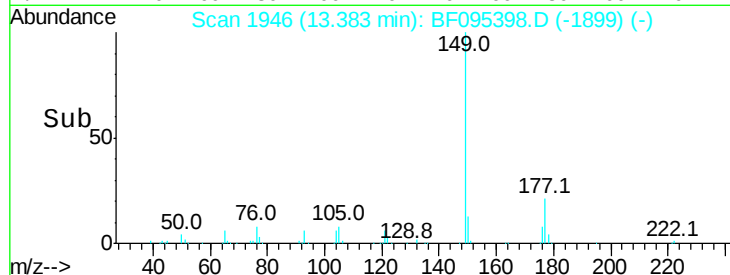
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

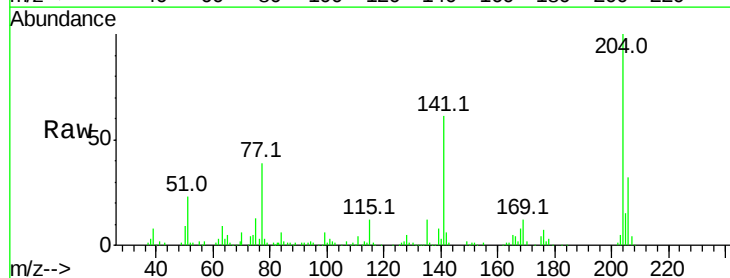


Time--> 13.30 13.40 13.50

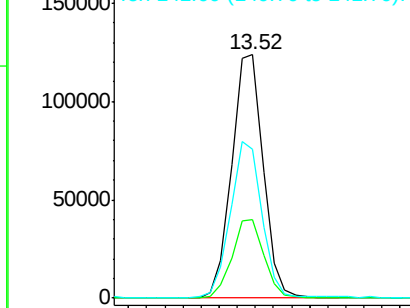


#60
4-Chlorophenyl-phenylether
Concen: 38.50 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

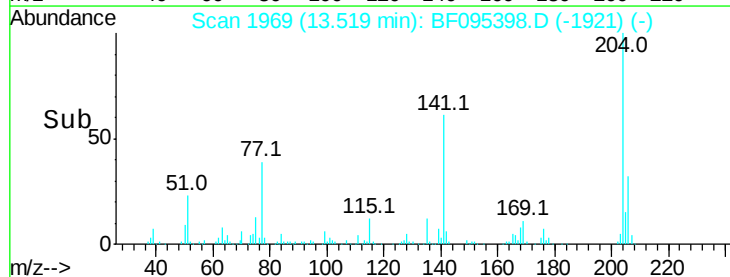
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	61.0	60.8	91.2

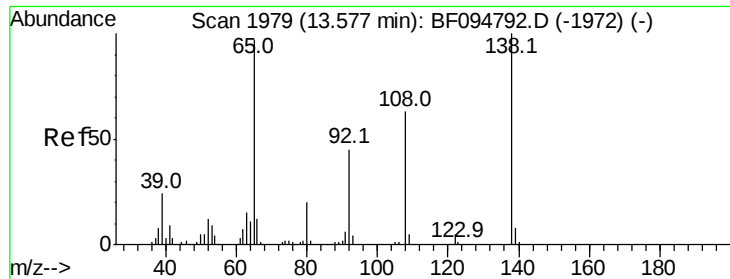


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 13.45 13.50 13.55





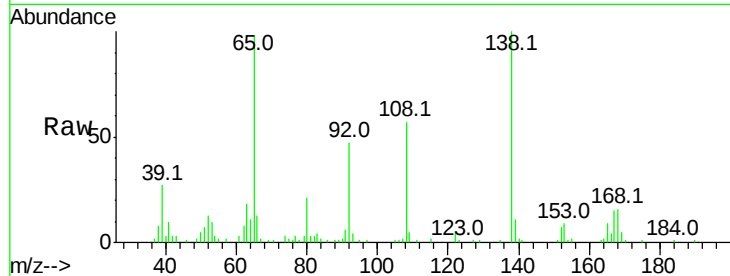
#61
4-Nitroaniline
Concen: 38.55 ng
RT: 13.62 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

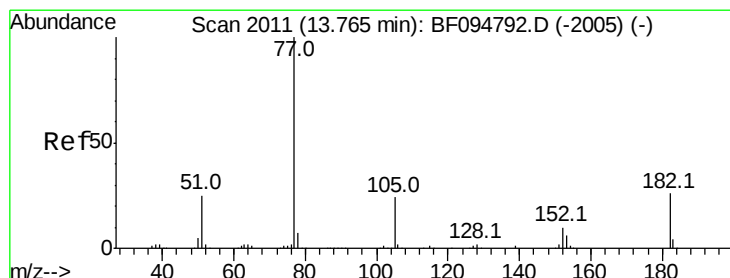
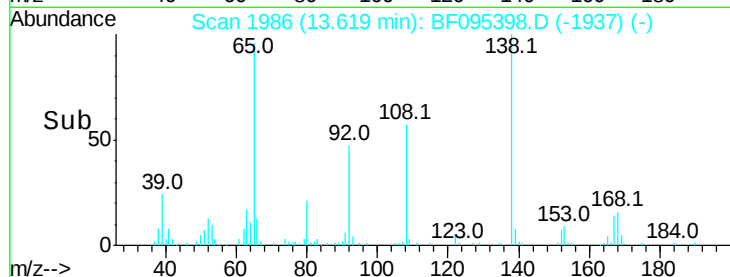
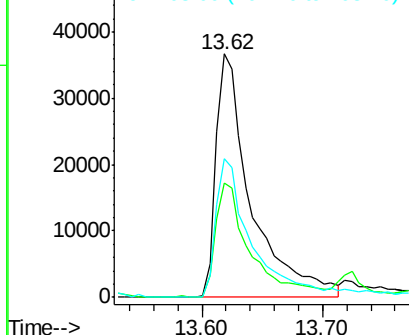
Tot Ion	Ratio	Lower	Upper
138	100		
92	47.0	21.8	61.8
108	56.8	42.3	82.3

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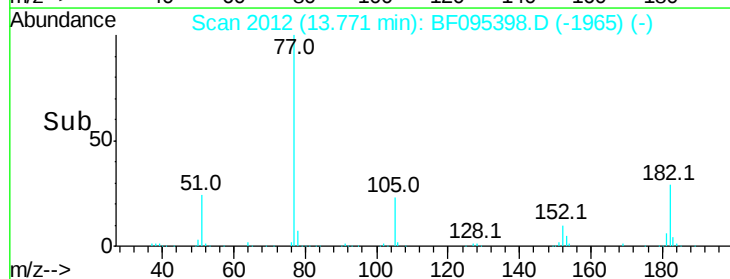
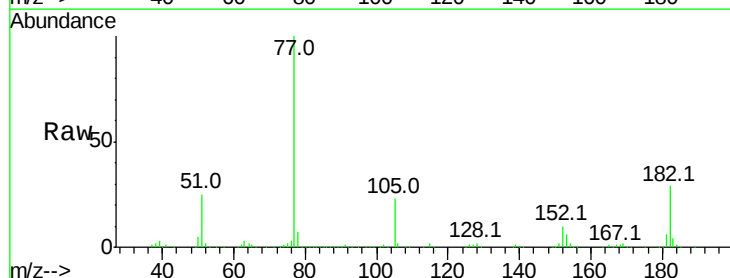
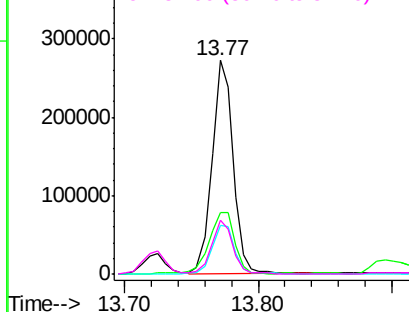
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

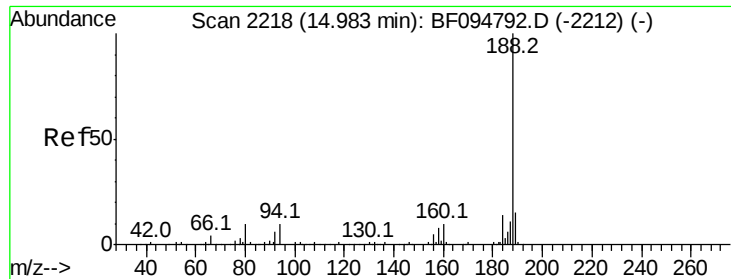


#62
Azobenzene
Concen: 41.17 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	0.1	40.1
105	22.7	3.6	43.6
51	25.3	9.4	49.4

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





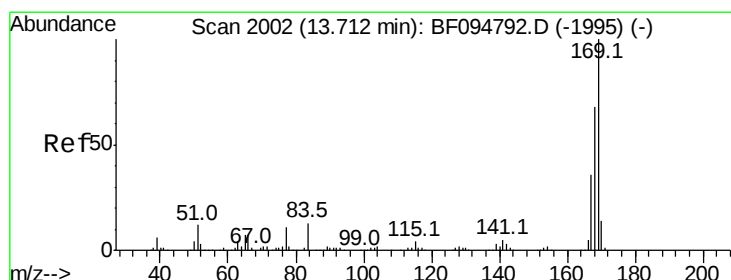
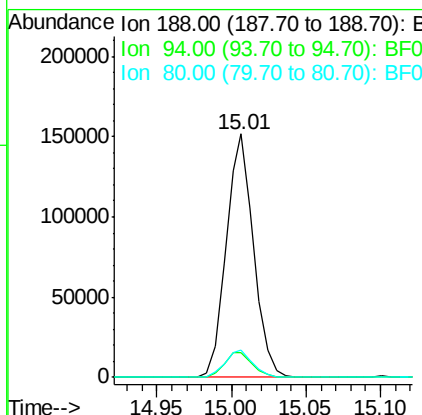
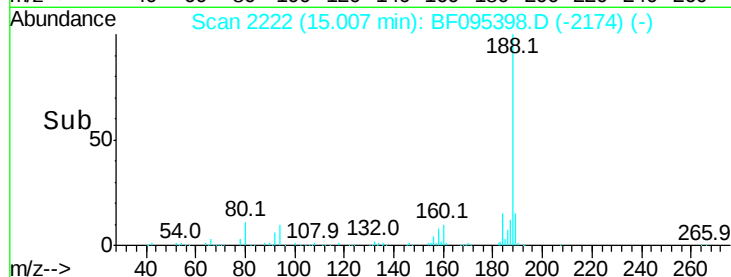
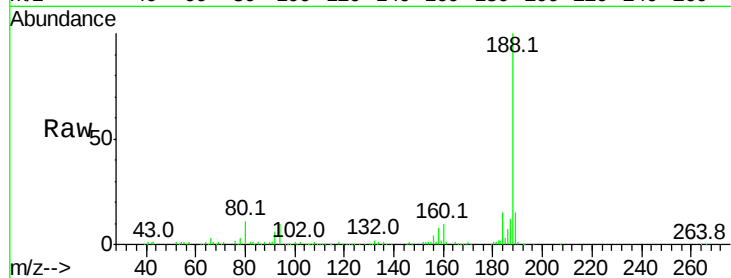
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	194331		
94	10.0		9.4	14.2
80	11.2		10.2	15.2

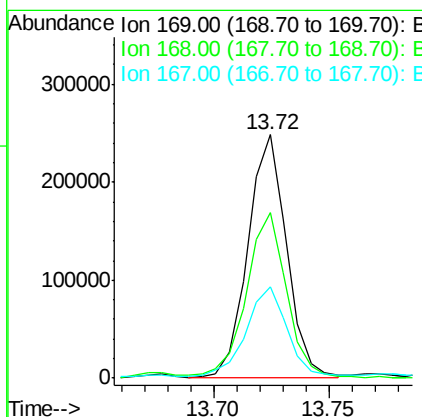
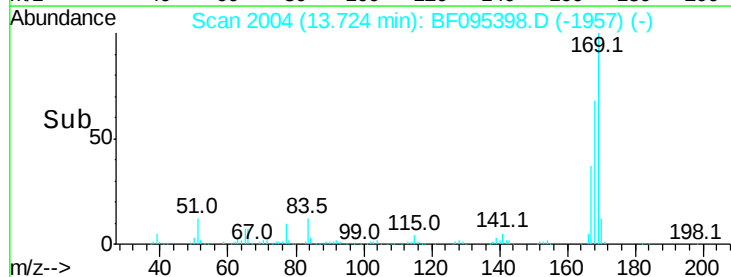
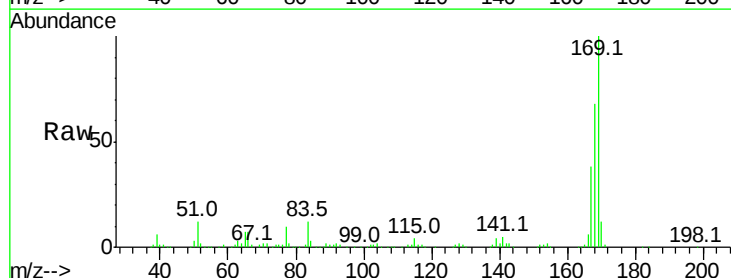
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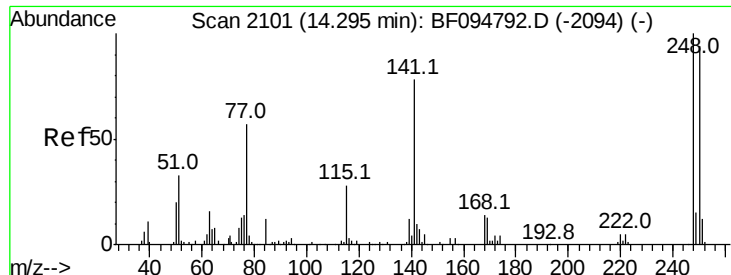
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#65
 n-Nitrosodiphenylamine
 Concen: 40.84 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	288034		
168	68.2		53.2	79.8
167	37.7		29.5	44.3





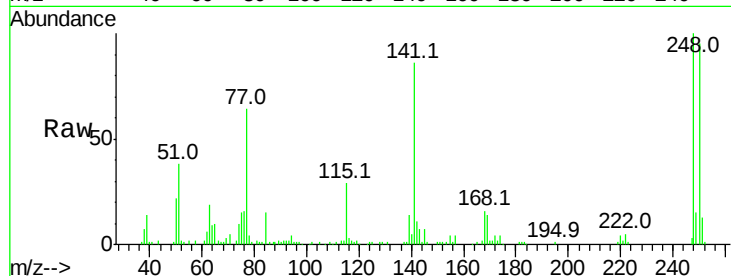
#66
4-Bromophenyl-phenylether
Concen: 39.35 ng
RT: 14.30 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

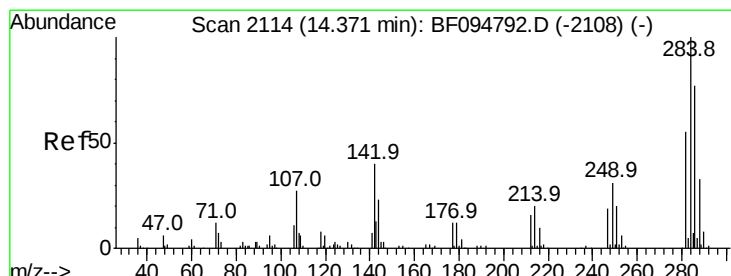
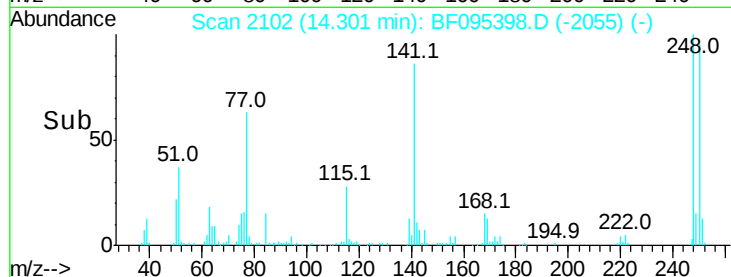
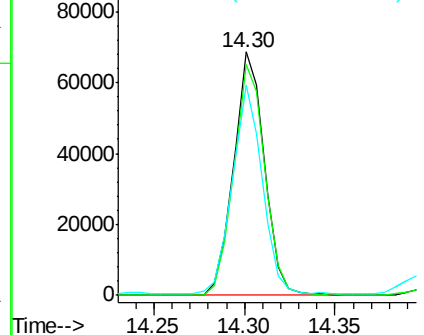
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.8	115.2
141	86.5	68.6	103.0

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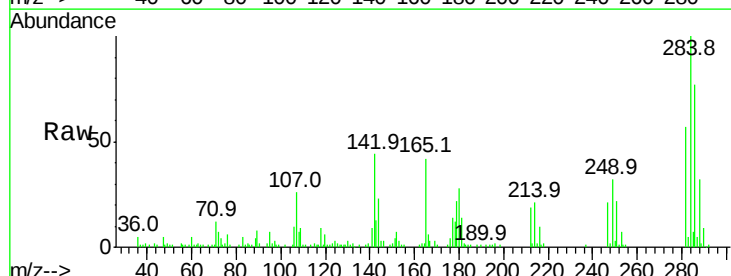


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

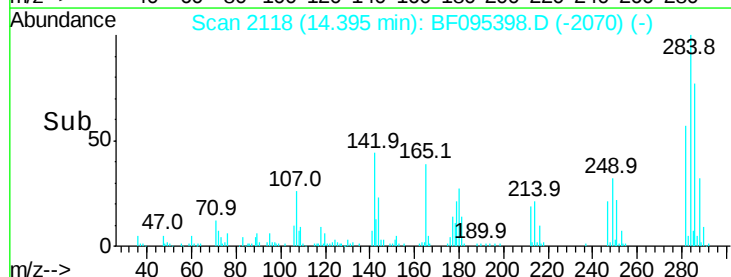
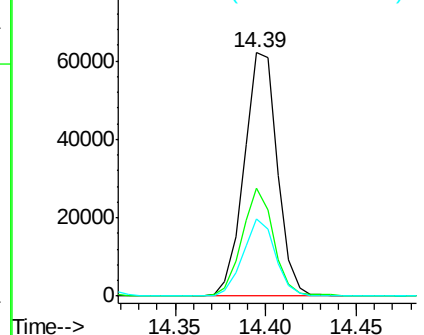


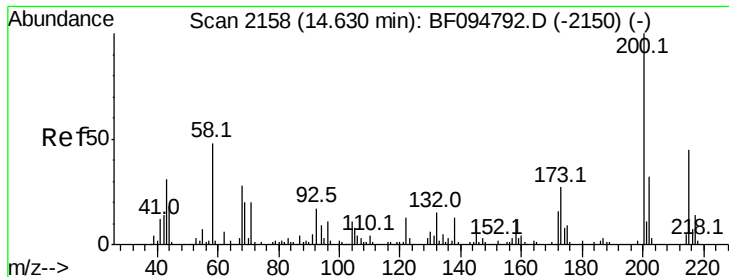
#67
Hexachlorobenzene
Concen: 37.53 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.4	22.8	34.2#
249	31.6	24.0	36.0



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





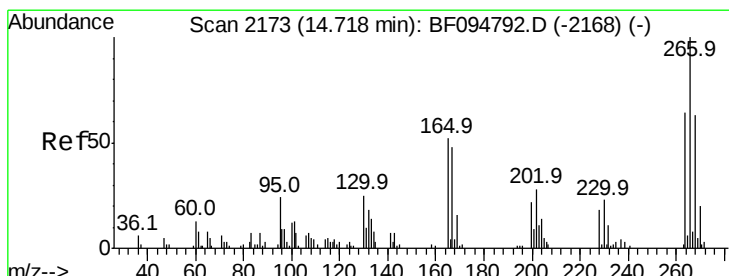
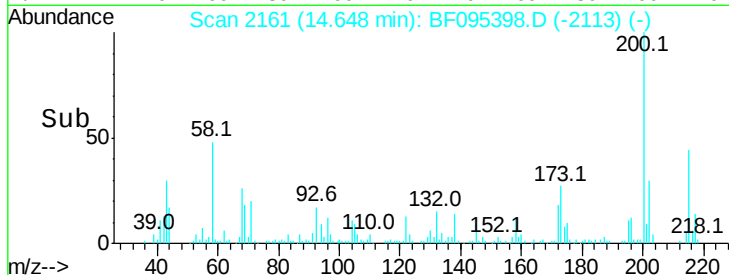
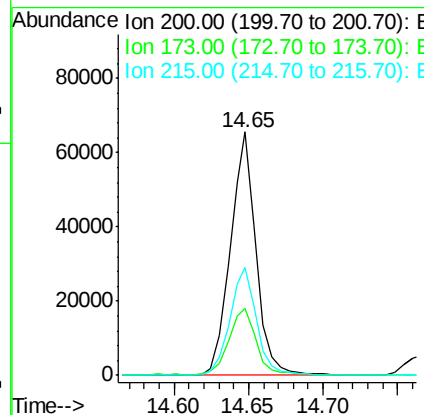
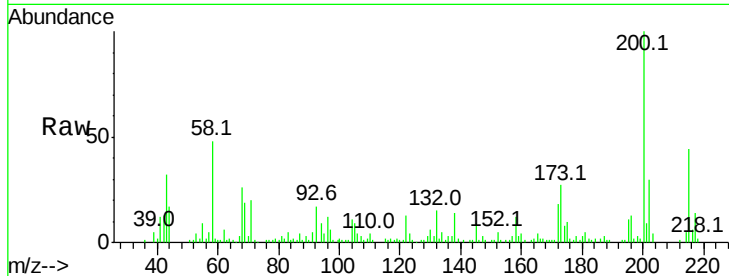
#68
 Atrazine
 Concen: 39.61 ng
 RT: 14.65 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.3	46.3
215	44.5	27.2	67.2

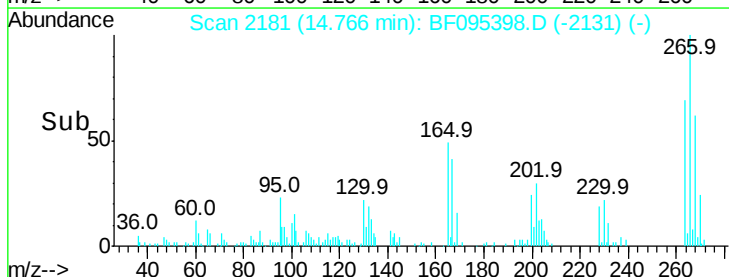
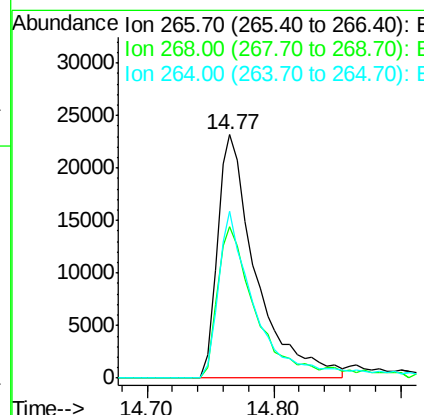
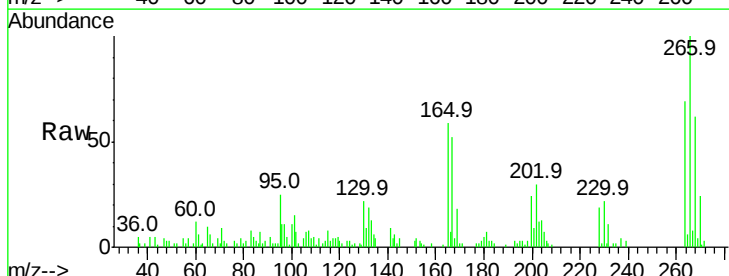
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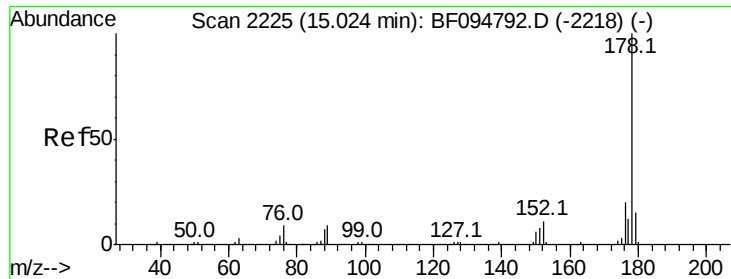
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#69
 Pentachlorophenol
 Concen: 53.53 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	68.5	51.7	77.5





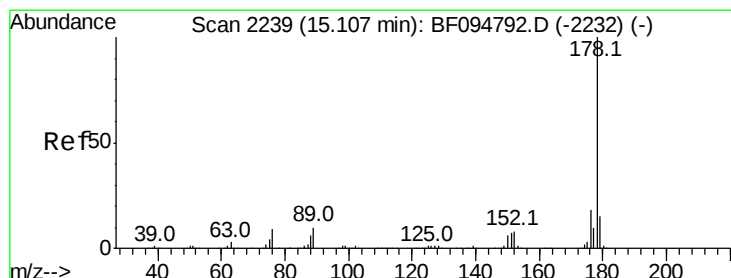
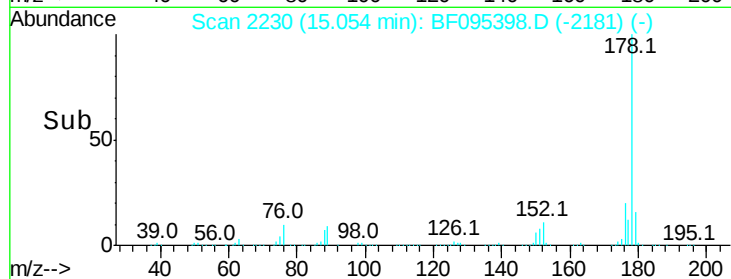
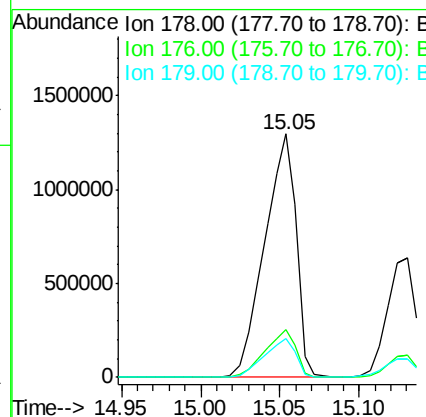
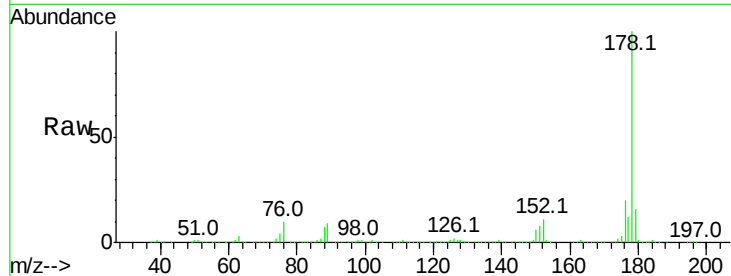
#70
Phenanthrene
Concen: 161.39 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.7	12.6	19.0

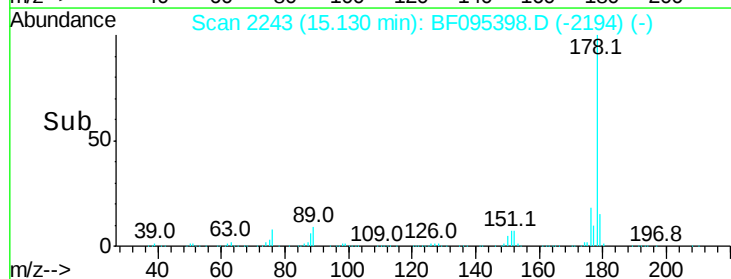
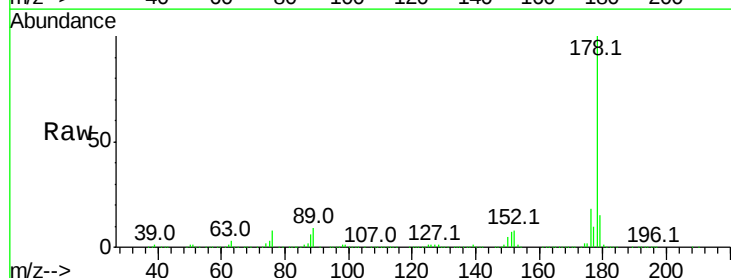
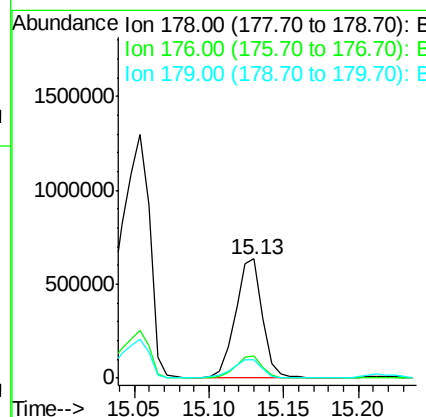
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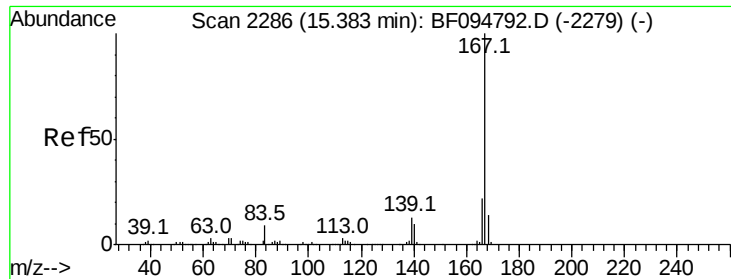
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#71
Anthracene
Concen: 70.13 ng
RT: 15.13 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.3	12.7	19.1





#72

Carbazole

Concen: 53.84 ng

RT: 15.41 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

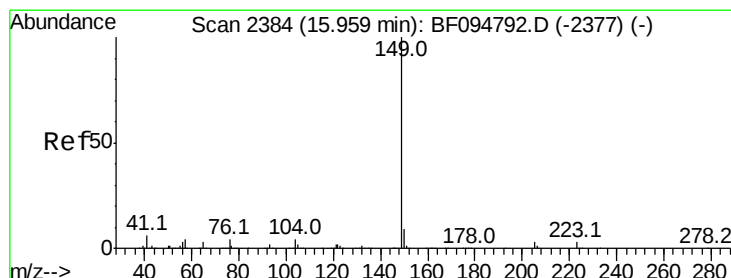
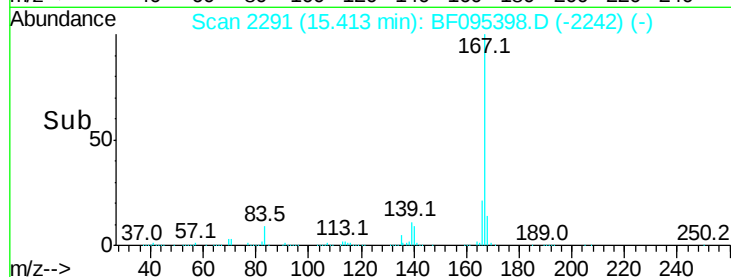
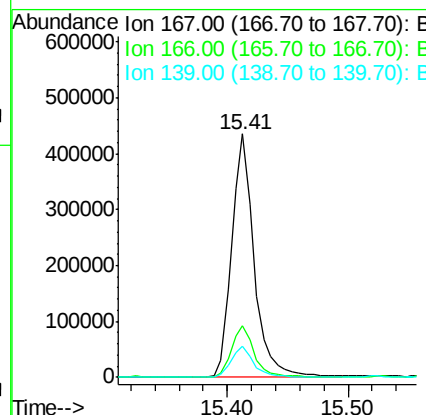
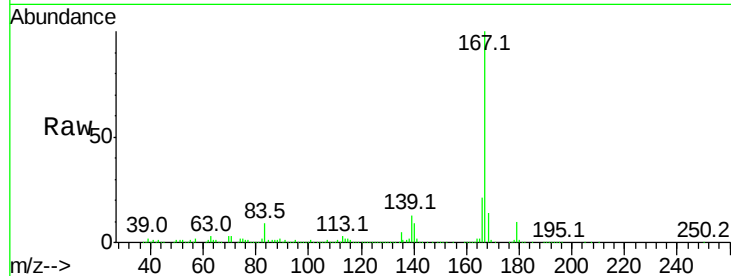
ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion:	167	Resp:	558686
Ion Ratio	Lower	Upper	
167	100		
166	21.4	18.1	27.1
139	12.6	11.7	17.5

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#73

Di-n-butylphthalate

Concen: 41.49 ng

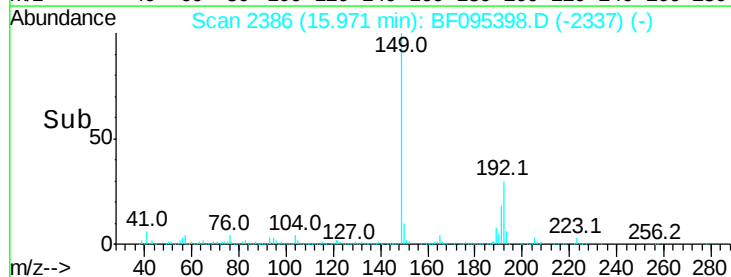
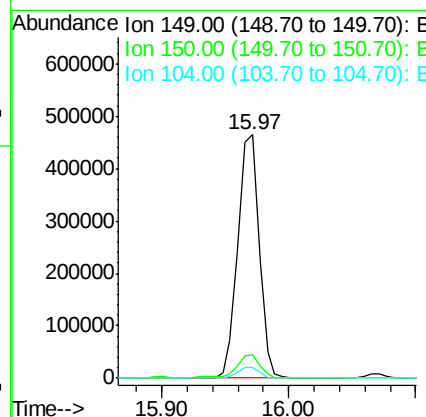
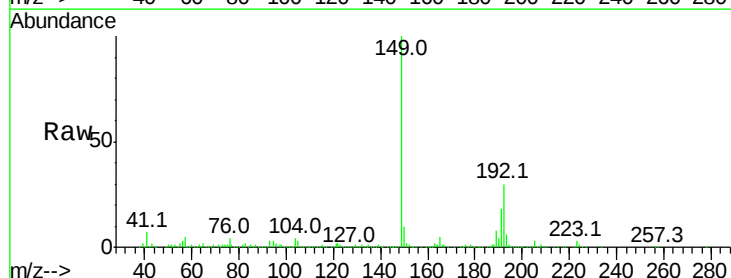
RT: 15.97 min Scan# 2386

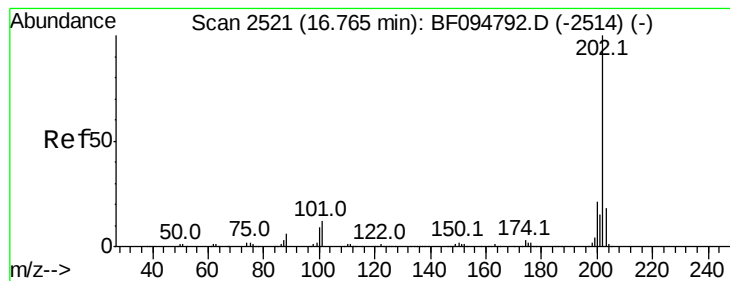
Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Tgt Ion:	149	Resp:	536923
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	4.2	4.0	6.0





#74

Fluoranthene

Concen: 190.48 ng

RT: 16.81 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion:202 Resp: 2181646

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

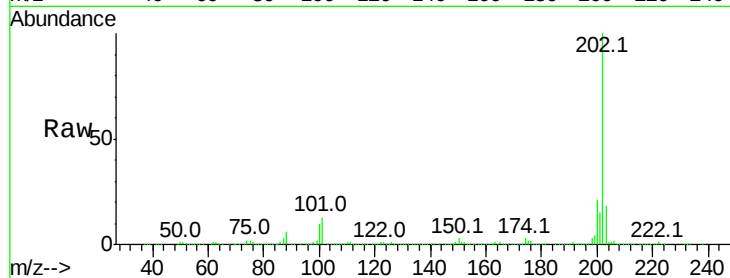
203 17.9 0.0 38.1

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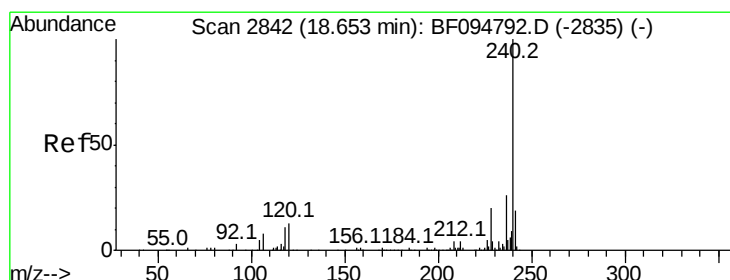
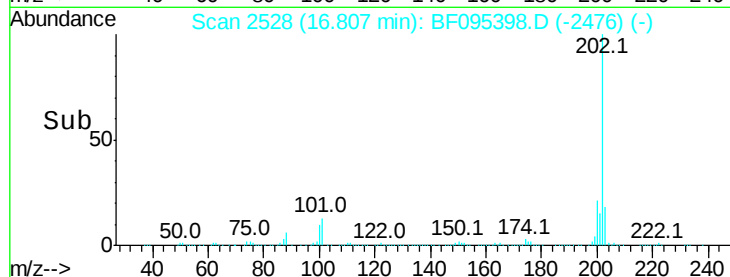
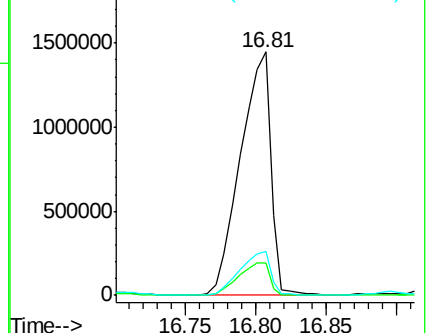
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

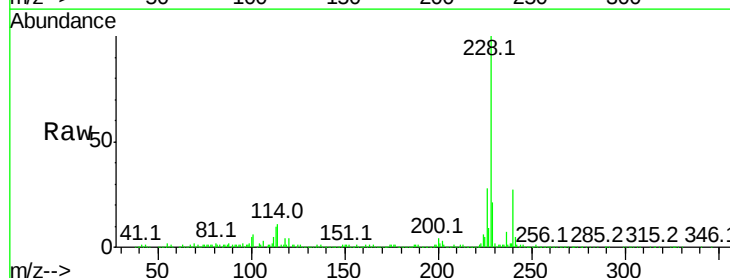
Tgt Ion:240 Resp: 150170

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

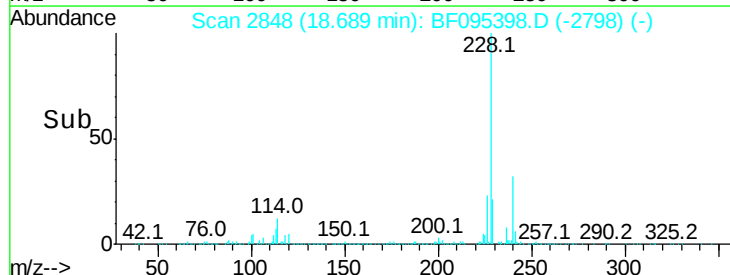
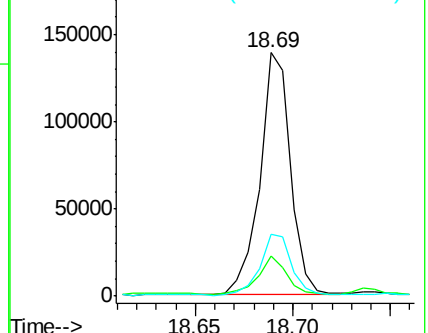
236 25.6 20.5 30.7

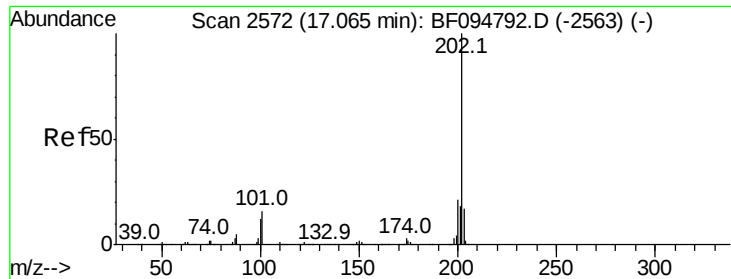


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





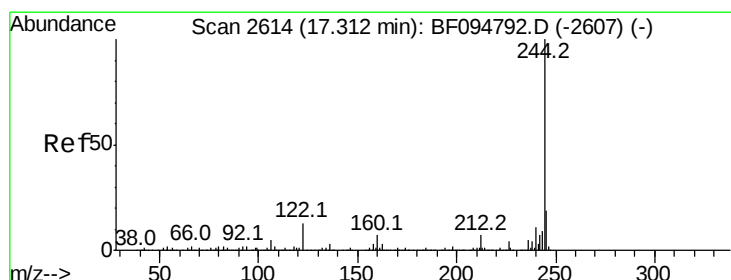
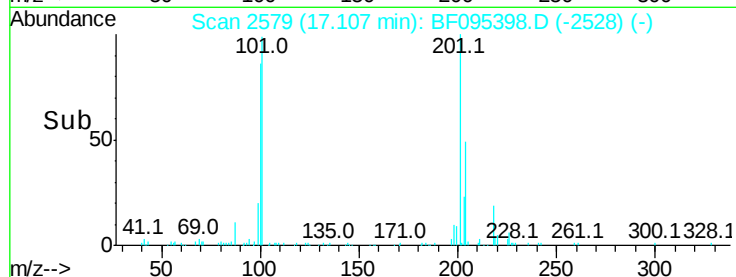
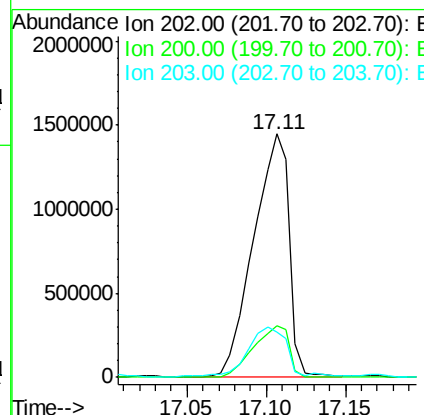
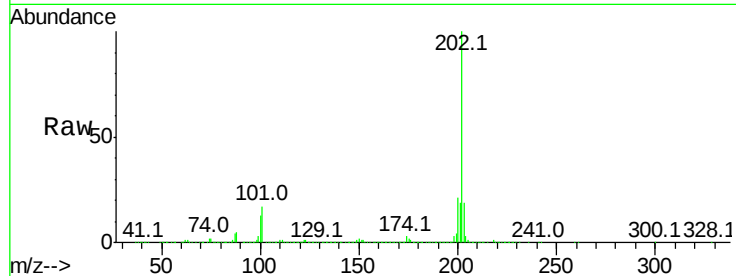
#77
Pvrene
Concen: 200.53 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.6	14.4	21.6

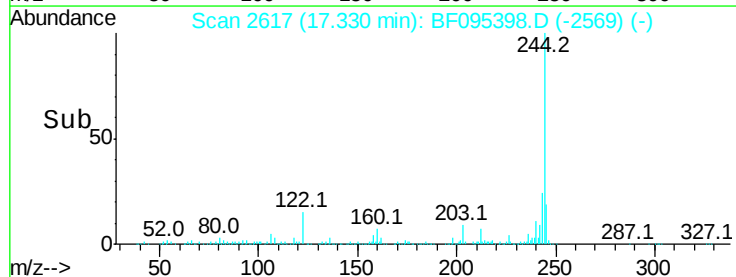
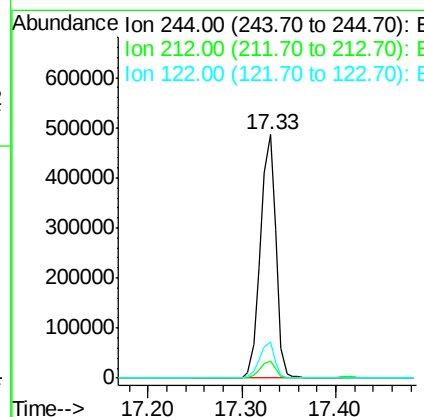
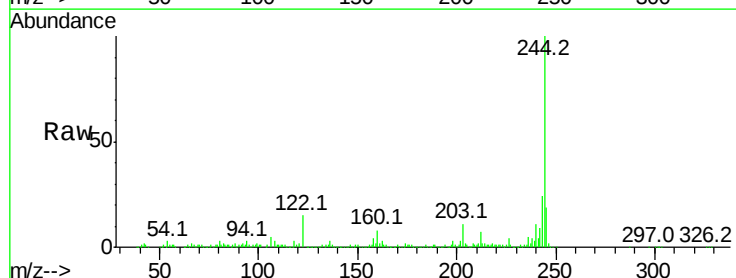
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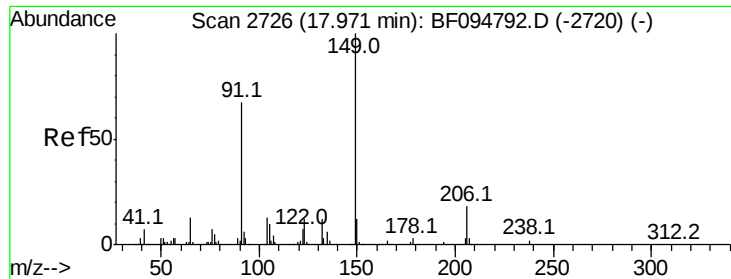
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#78
Terphenyl-d14
Concen: 81.92 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.7	10.3	15.5





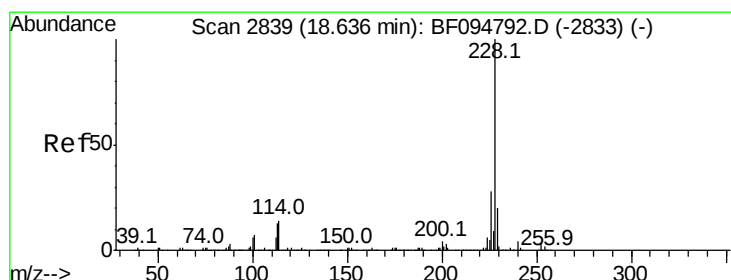
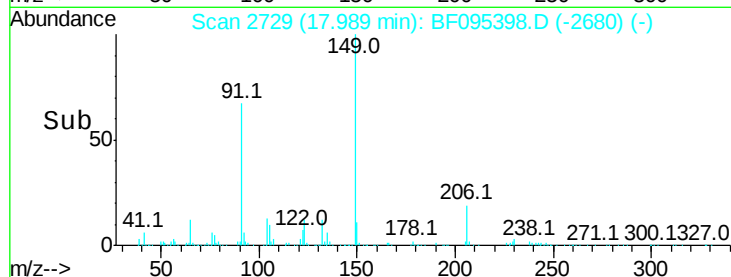
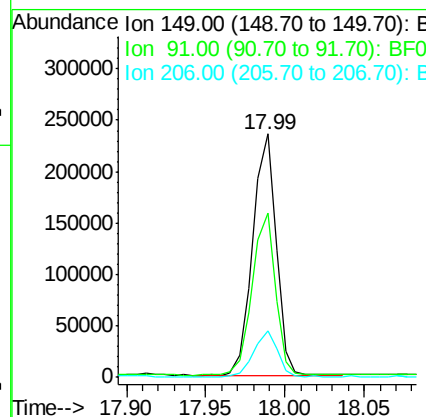
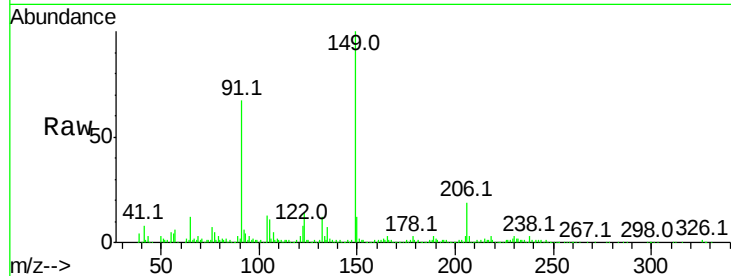
#79
Butylbenzylphthalate
Concen: 46.16 ng
RT: 17.99 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	45.0	67.4
206	18.9	17.0	25.6

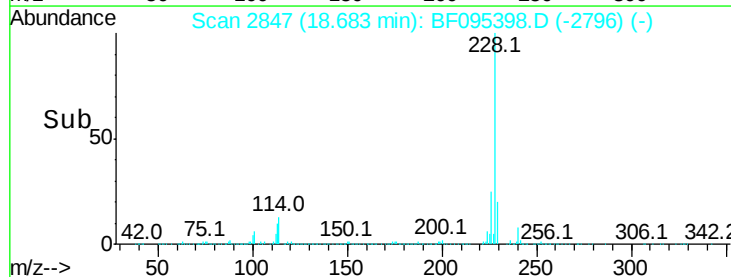
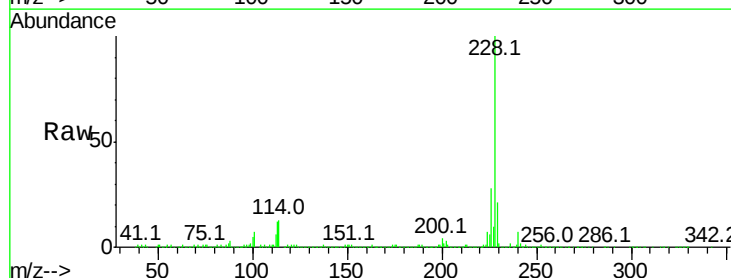
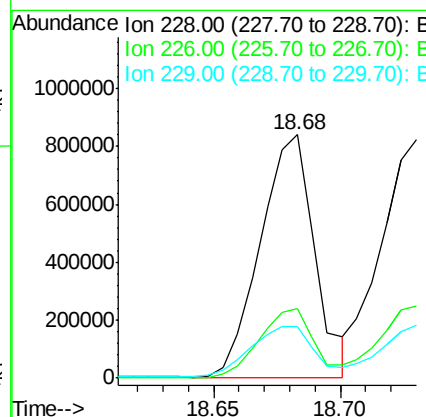
Manual Integrations
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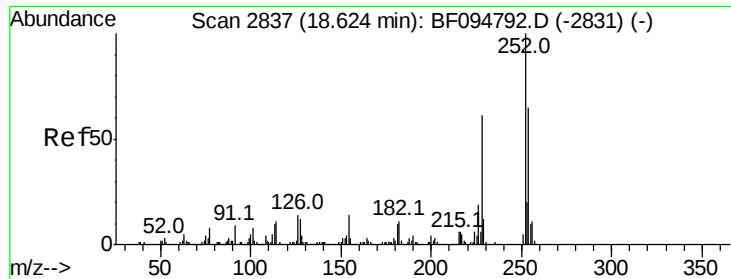
mohammad
5/25/2017 8:52:45 AM



#80
Benzo(a)anthracene
Concen: 143.10 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.0	16.3	24.5





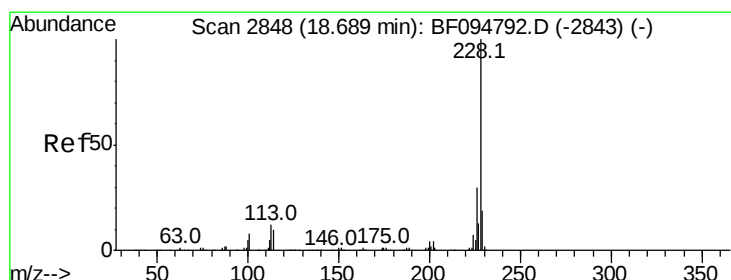
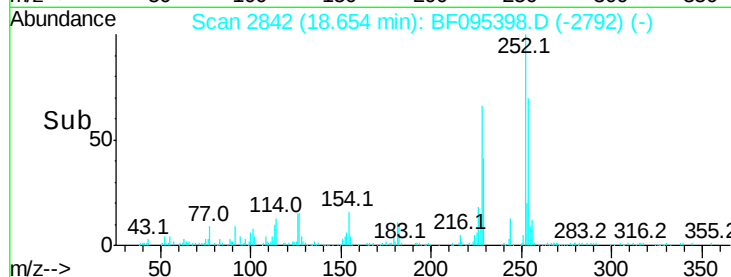
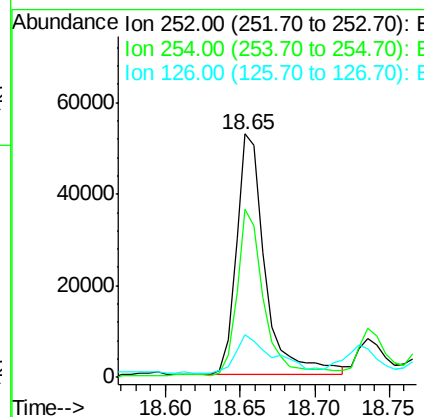
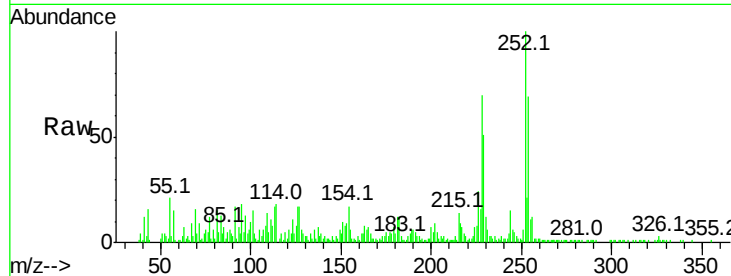
#81
 3,3'-Dichlorobenzidine
 Concen: 23.48 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	69.0	51.5	77.3
126	17.5	15.8	23.8

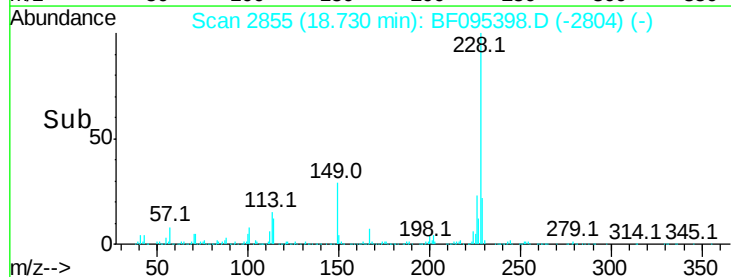
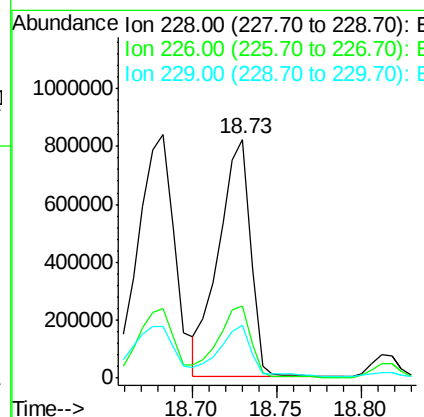
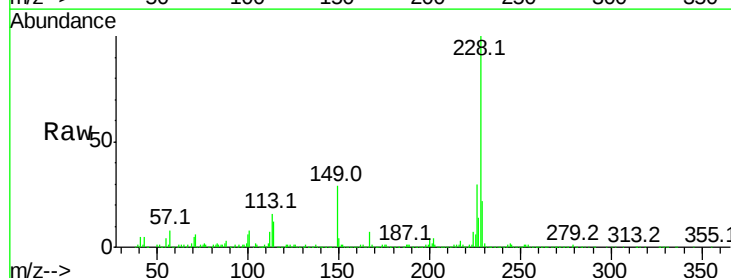
Manual Integrations
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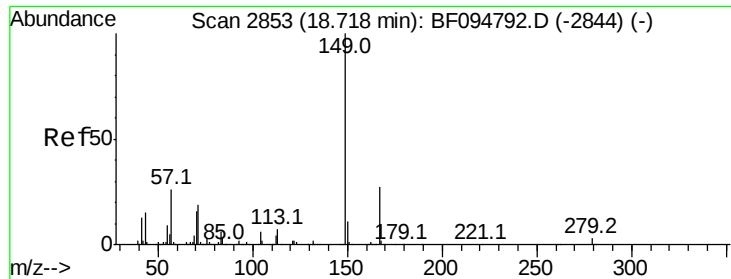
mohammad
 5/25/2017 8:52:45 AM



#82
 Chrysene
 Concen: 128.37 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.00 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.9	15.8	23.6





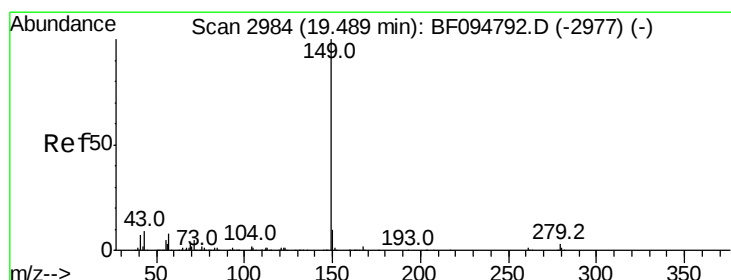
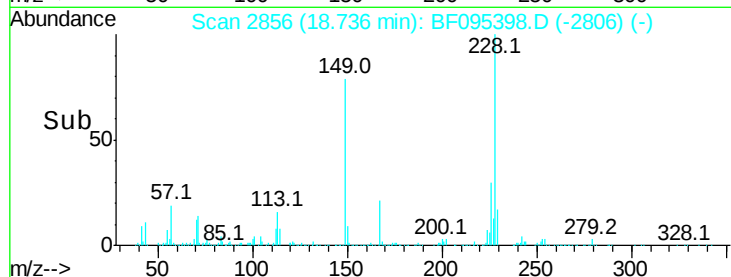
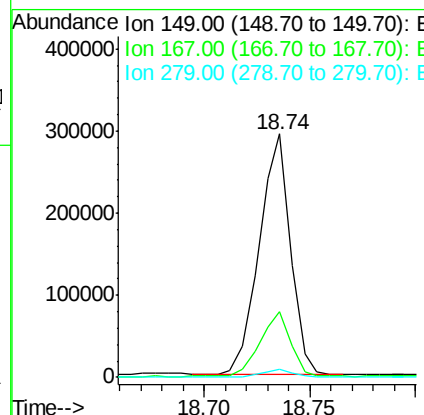
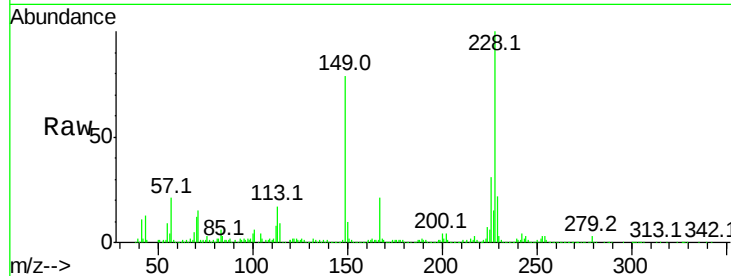
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.58 ng
 RT: 18.74 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.8	21.0	31.4	
279	3.2	1.9	2.9	

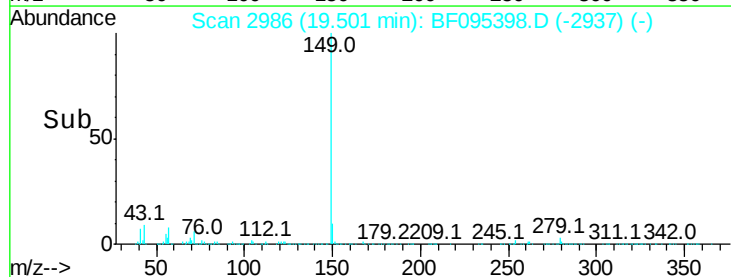
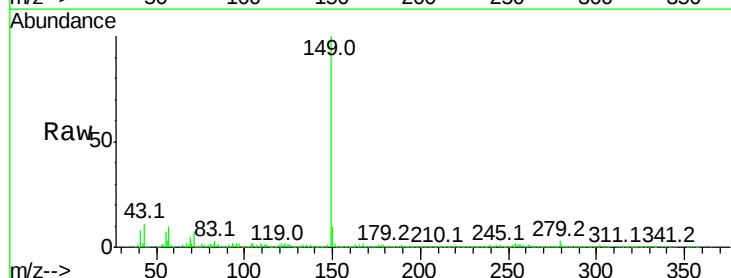
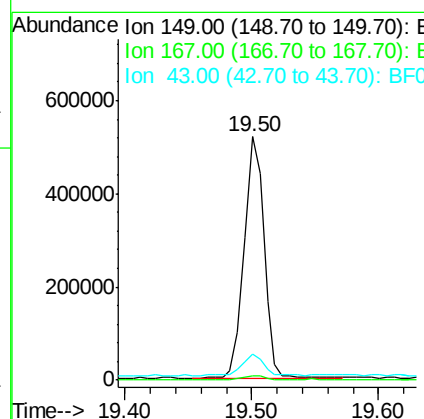
Manual Integrations
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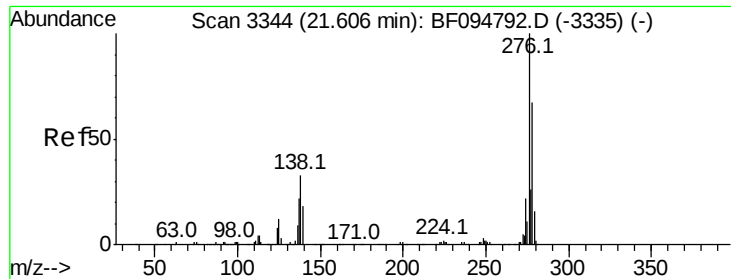
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 46.28 ng
 RT: 19.50 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BF095398.D
 Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	9.9	8.5	12.7	





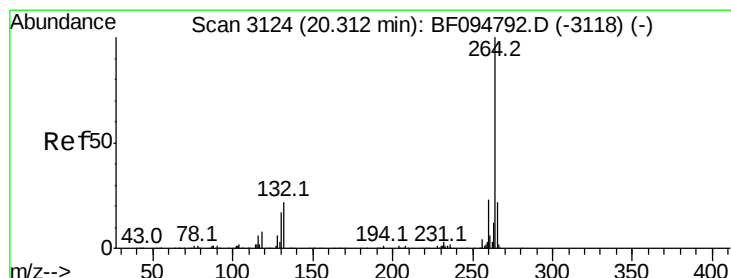
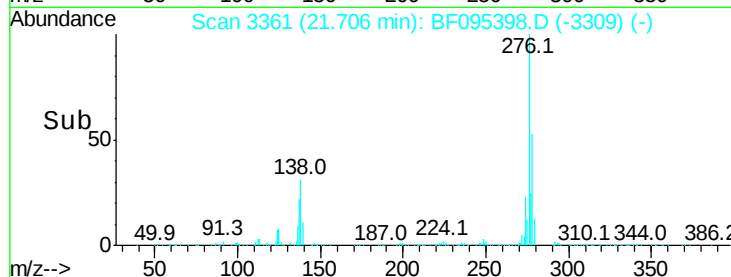
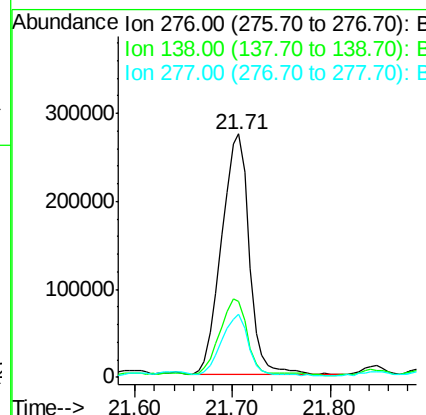
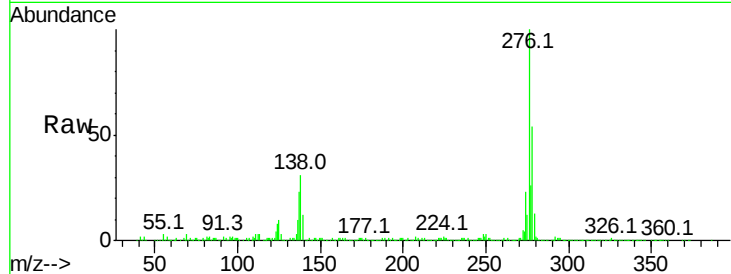
#85
Indeno(1,2,3-cd)pyrene
Concen: 79.00 ng
RT: 21.71 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	27.8	41.6
277	23.5	20.2	30.4

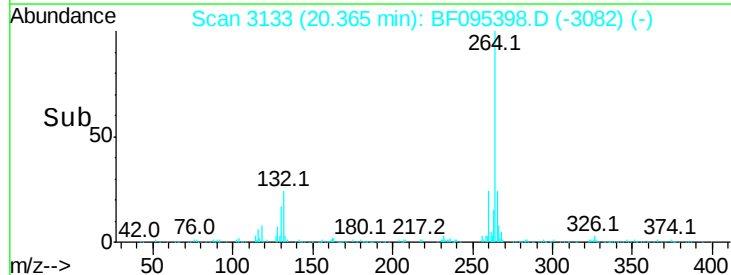
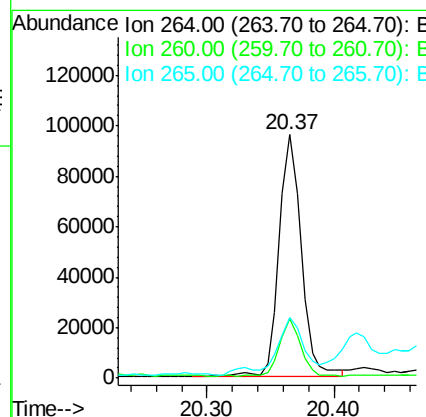
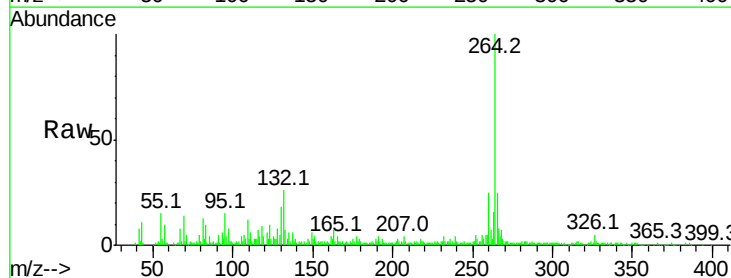
Manual Integrations
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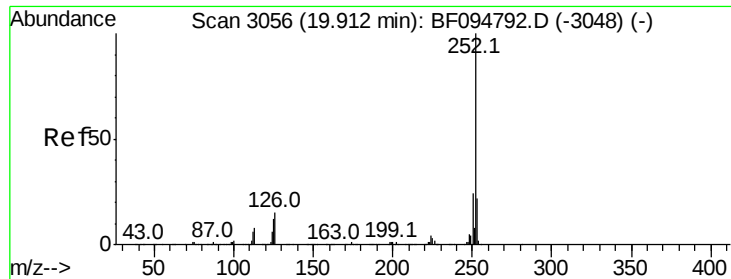
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	25.1	17.2	25.8





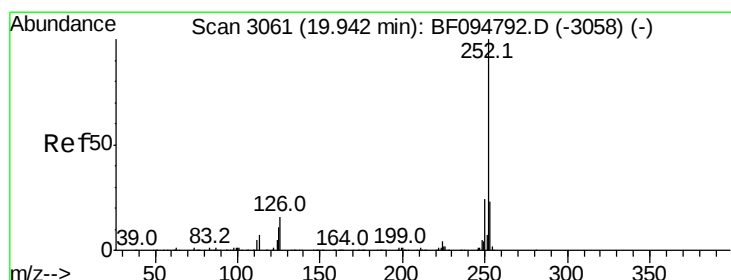
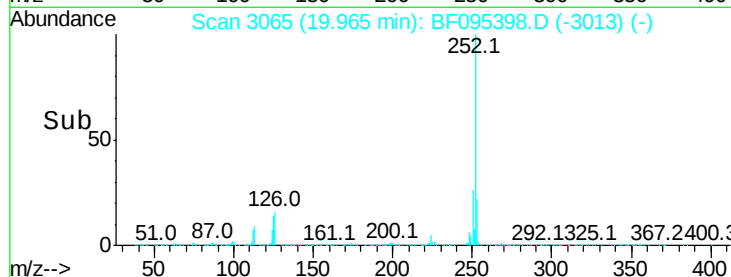
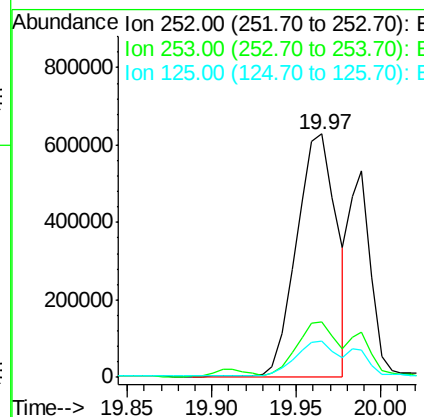
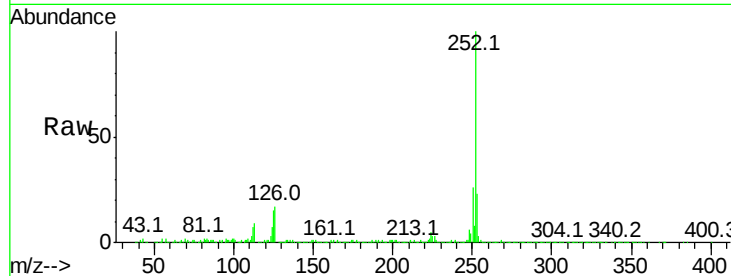
#87
Benzo(b)fluoranthene
Concen: 144.16 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.7	9.8	14.8

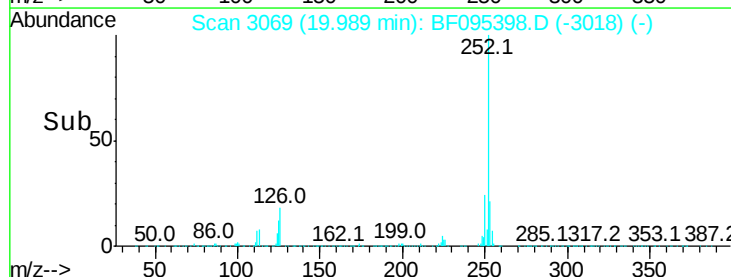
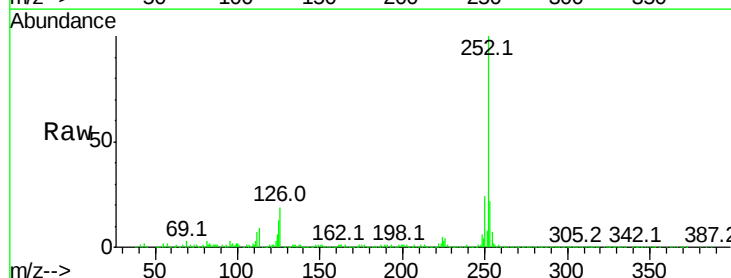
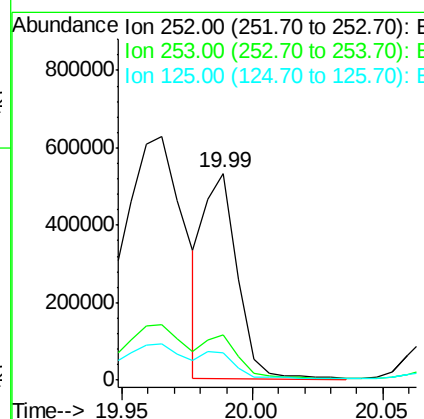
Manual Integrations
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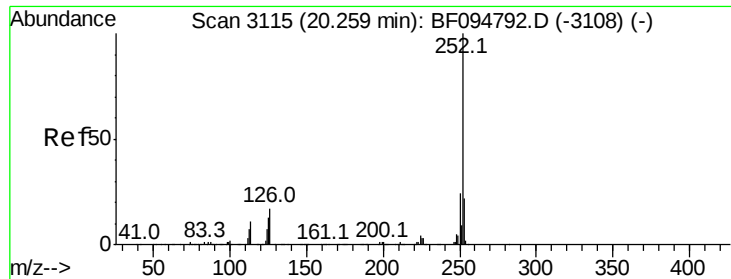
mohammad
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#88
Benzo(k)fluoranthene
Concen: 68.78 ng m
RT: 19.99 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.2	13.1	19.7





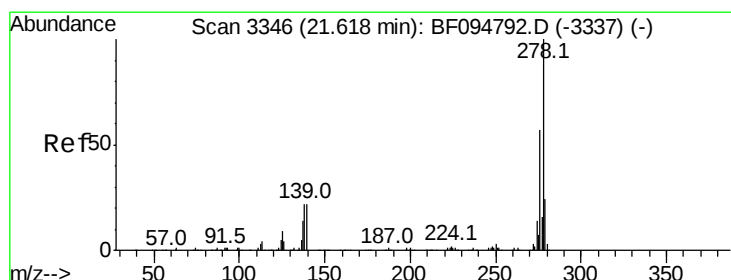
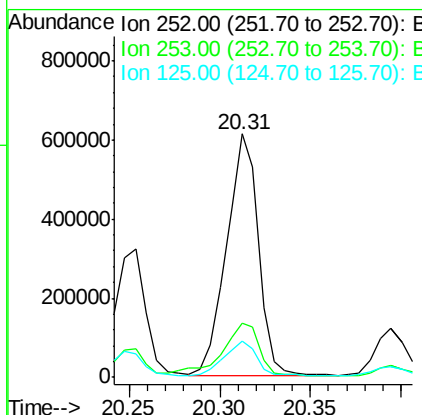
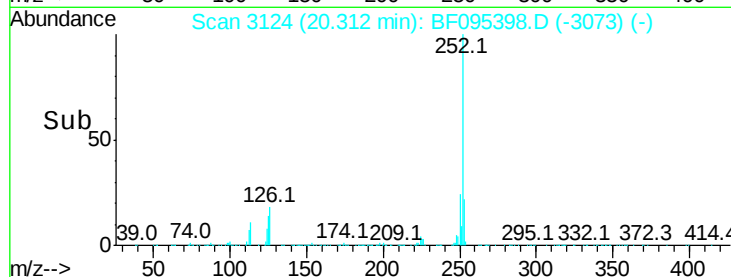
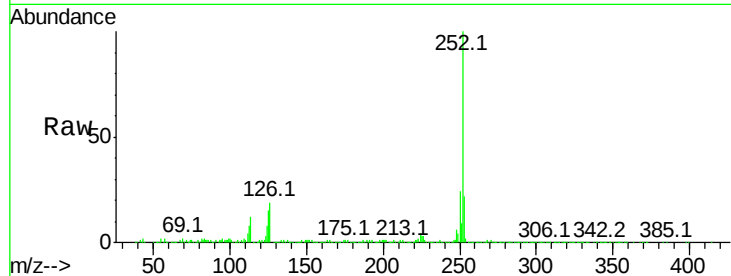
#89
Benzo(a)pyrene
Concen: 113.59 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Instrument :
BNA_F
ClientSampleId :
EP1-WC2(0-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.4	17.5	26.3	
125	15.1	11.0	16.4	

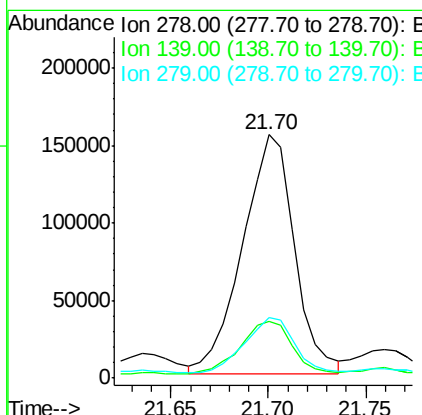
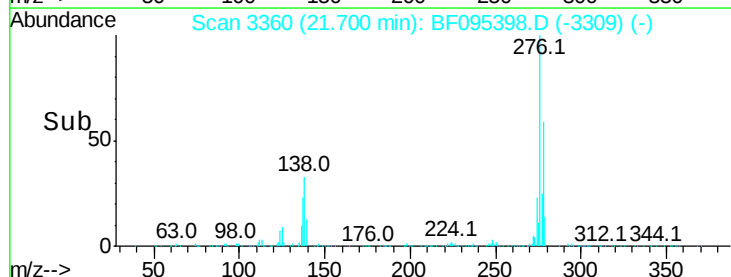
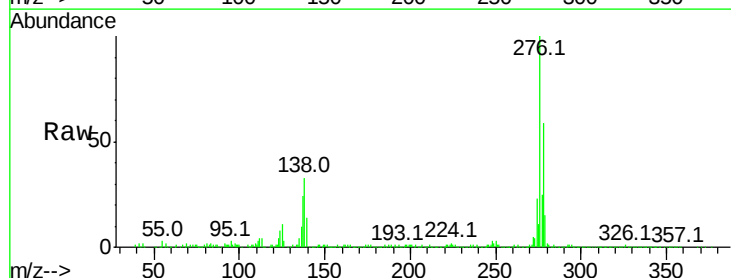
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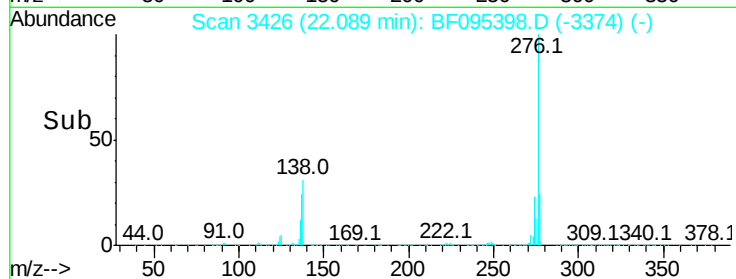
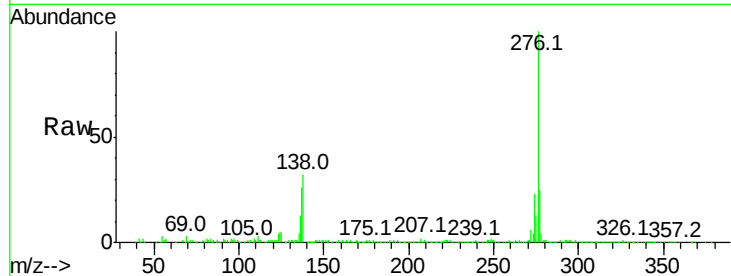
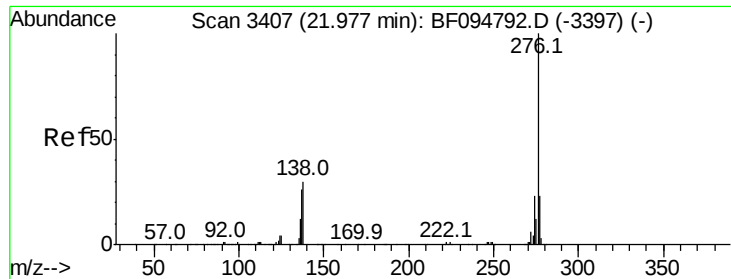
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#90
Dibenzo(a,h)anthracene
Concen: 52.52 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BF095398.D
Acq: 24 May 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	23.5	16.6	24.8	
279	24.8	19.3	28.9	





#91

Benzo(a,h,i)perylene

Concen: 94.02 ng

RT: 22.09 min Scan# 3426

Delta R.T. 0.01 min

Lab File: BF095398.D

Acq: 24 May 2017 20:03

Instrument :

BNA_F

ClientSampleId :

EP1-WC2(0-6)MSD

Tot Ion: 276 Resp: 502970

Ion Ratio Lower Upper

276 100

277 25.1 18.6 28.0

138 32.4 25.4 38.0

Manual Integrations

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