

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095194.D
 Acq On : 17 May 2017 20:06
 Operator : SJ/MA
 Sample : I3186-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Manual Integrations
 APPROVED

mohammad

5/18/2017 2:29:18 PM

Quant Time: May 18 08:52:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	89961	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	347572	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	171577	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	273654	20.00	ng	0.04
75) Chrysene-d12	18.69	240	230341	20.00	ng	0.04
86) Perylene-d12	20.37	264	152532	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	808390	149.82	ng	0.08
7) Phenol-d6	7.32	99	955315	147.56	ng	0.05
23) Nitrobenzene-d5	8.68	82	566988	102.87	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	195375	139.04	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1044336	87.61	ng	0.04
78) Terphenyl-d14	17.34	244	919128	87.89	ng	0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	94460	35.69	ng	95
3) Pyridine	3.01	79	260618m	42.49	ng	
4) n-Nitrosodimethylamine	2.93	42	83989	32.85	ng	83
6) Aniline	7.28	93	341352	41.76	ng	94
8) 2-Chlorophenol	7.47	128	277193	45.13	ng	94
9) Benzaldehyde	7.11	77	109601	27.72	ng	96
10) Phenol	7.34	94	338760	49.65	ng	88
11) bis(2-Chloroethyl)ether	7.41	93	267082	47.42	ng	97
12) 1,3-Dichlorobenzene	7.68	146	301962	43.34	ng	98
13) 1,4-Dichlorobenzene	7.80	146	316629	44.82	ng	97
14) 1,2-Dichlorobenzene	8.04	146	308391	46.76	ng	96
15) Benzyl Alcohol	8.06	79	236878	56.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	351334	44.07	ng	60
17) 2-Methylphenol	8.27	107	240128	47.78	ng	# 91
18) Hexachloroethane	8.55	117	106604	44.54	ng	# 88
19) n-Nitroso-di-n-propylamine	8.48	70	201954	46.12	ng	96
20) 3+4-Methylphenols	8.52	107	321040	47.01	ng	# 57
22) Acetophenone	8.45	105	404941	48.56	ng	# 83
24) Nitrobenzene	8.71	77	287756	49.81	ng	93
25) Isophorone	9.11	82	520401	52.87	ng	95
26) 2-Nitrophenol	9.21	139	168623	54.09	ng	97
27) 2,4-Dimethylphenol	9.34	122	226680	44.97	ng	96
28) bis(2-Chloroethoxy)methane	9.47	93	300794	44.18	ng	99
29) 2,4-Dichlorophenol	9.63	162	225564	47.40	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	228822	44.88	ng	97
31) Naphthalene	9.82	128	781123	44.72	ng	100
33) 4-Chloroaniline	9.98	127	106657	16.38	ng	# 92
34) Hexachlorobutadiene	10.04	225	116517	43.31	ng	98
35) Caprolactam	10.60	113	62972m	44.06	ng	
36) 4-Chloro-3-methylphenol	10.82	107	267535	52.58	ng	92
37) 2-Methylnaphthalene	10.95	142	590746	51.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	227252	43.07	ng	100
40) Hexachlorocyclopentadiene	11.20	237	147654	67.58	ng	99
42) 2,4,6-Trichlorophenol	11.45	196	162615	46.16	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.54	196	163719	43.24	nq	# 92
45) 1,1'-Biphenyl	11.71	154	652745	45.19	nq	97
46) 2-Chloronaphthalene	11.73	162	524280	44.95	nq	96
47) 2-Nitroaniline	11.95	65	147420	46.18	nq	# 82
48) Acenaphthylene	12.39	152	828891	45.37	nq	100
49) Dimethylphthalate	12.27	163	773289	54.90	nq	100
50) 2,6-Dinitrotoluene	12.36	165	137355	47.80	nq	92
51) Acenaphthene	12.68	154	481067	44.08	nq	99
52) 3-Nitroaniline	12.64	138	91645	29.71	nq	88
53) 2,4-Dinitrophenol	12.84	184	92855	60.33	nq	# 69
54) Dibenzofuran	12.96	168	750496	49.70	nq	99
55) 4-Nitrophenol	13.02	139	146980	79.34	nq	# 69
56) 2,4-Dinitrotoluene	13.03	165	190080	51.48	nq	# 93
57) Fluorene	13.52	166	600624	45.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	128331	53.85	nq	# 94
59) Diethylphthalate	13.41	149	578665	42.86	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	260087	45.07	nq	90
61) 4-Nitroaniline	13.64	138	109337	38.62	nq	94
62) Azobenzene	13.79	77	561505	51.76	nq	95
64) 4,6-Dinitro-2-methylphenol	13.70	198	93763	51.11	nq	# 69
65) n-Nitrosodiphenylamine	13.75	169	503766	50.72	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	137615	47.60	nq	97
67) Hexachlorobenzene	14.41	284	147733	49.86	nq	# 88
68) Atrazine	14.67	200	133283	47.53	nq	96
69) Pentachlorophenol	14.77	266	94354	71.13	nq	99
70) Phenanthrene	15.07	178	728086	46.31	nq	98
71) Anthracene	15.15	178	759996	47.32	nq	97
72) Carbazole	15.42	167	721355	49.36	nq	98
73) Di-n-butylphthalate	15.99	149	863647	47.39	nq	98
74) Fluoranthene	16.80	202	855124	53.02	nq	99
76) Benzidine	17.02	184	224394	37.66	nq	# 92
77) Pyrene	17.11	202	857324	49.77	nq	99
79) Butylbenzylphthalate	18.00	149	339597	42.38	nq	88
80) Benzo(a)anthracene	18.68	228	632256	47.16	nq	98
81) 3,3'-Dichlorobenzidine	18.67	252	134706	29.09	nq	# 97
82) Chrysene	18.73	228	567717	43.80	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	507242	44.43	nq	# 98
84) Di-n-octyl phthalate	19.51	149	791484	42.29	nq	96
85) Indeno(1,2,3-cd)pyrene	21.69	276	409274	38.88	nq	97
87) Benzo(b)fluoranthene	19.96	252	478764	50.80	nq	98
88) Benzo(k)fluoranthene	19.98	252	516270	56.79	nq	96
89) Benzo(a)pyrene	20.31	252	462822	53.22	nq	98
90) Dibenzo(a,h)anthracene	21.70	278	327691	45.62	nq	99
91) Benzo(g,h,i)perylene	22.08	276	344919	48.93	nq	95

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

```
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Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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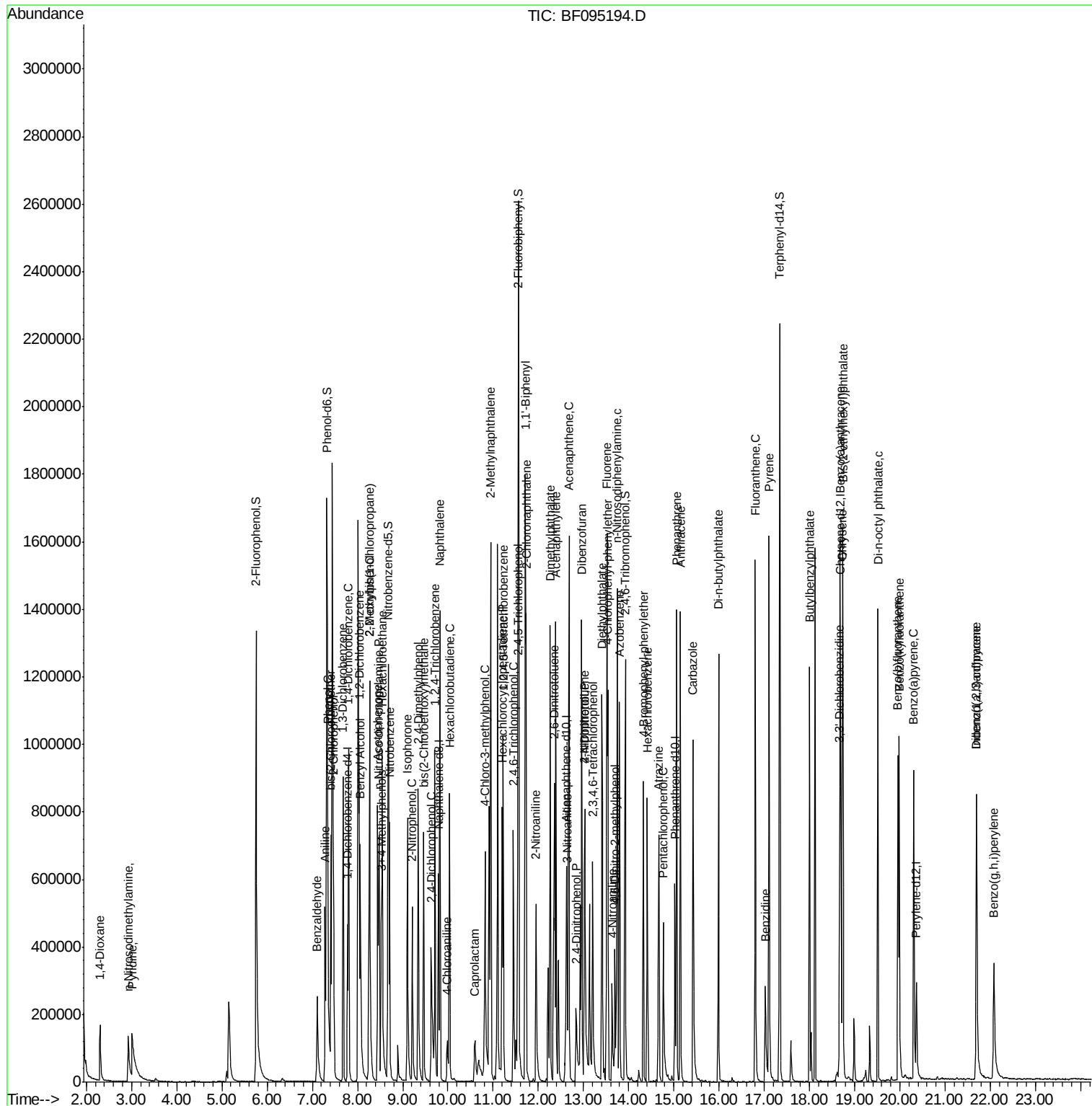
Instrument :
BNA_F
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E2-R3-WSWMS

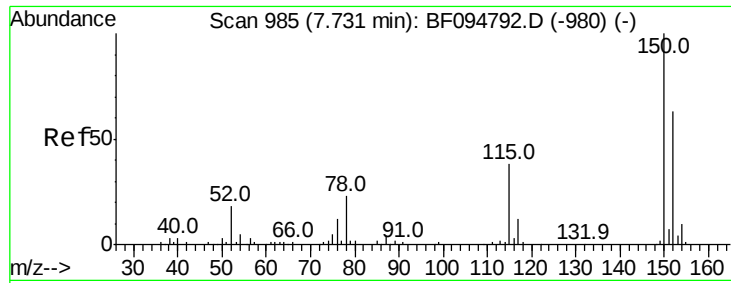
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Instrument :

BNA_F

ClientSampleId :

E2-R3-WSWMS

Tot Ion:152 Resp: 89961

Ion Ratio Lower Upper

152 100

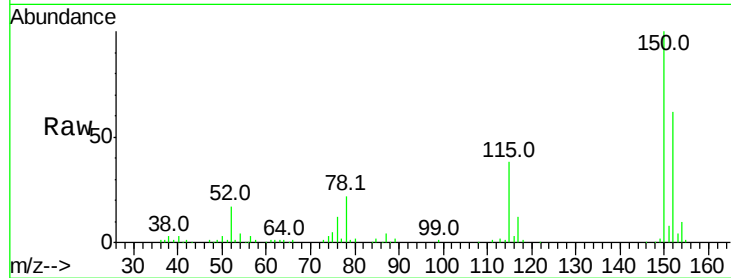
150 160.2 126.2 189.2

115 60.7 52.2 78.2

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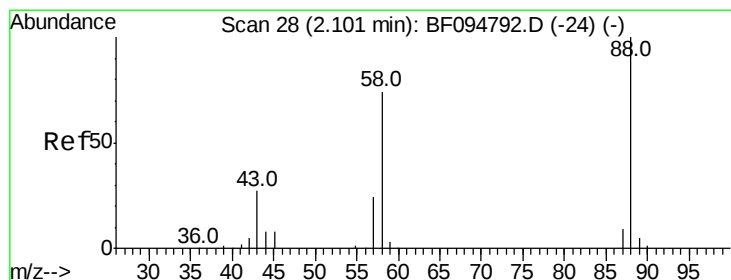
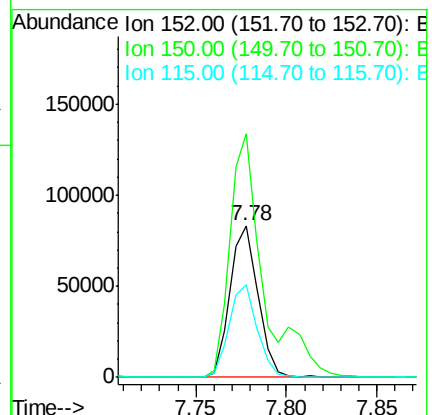
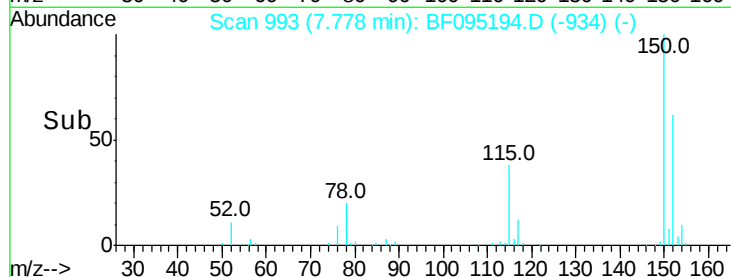
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.69 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.20 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

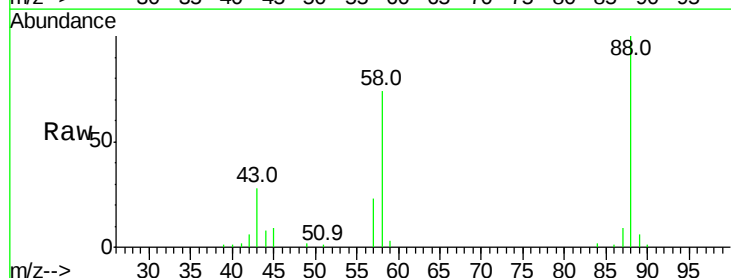
Tgt Ion: 88 Resp: 94460

Ion Ratio Lower Upper

88 100

58 71.1 61.4 92.0

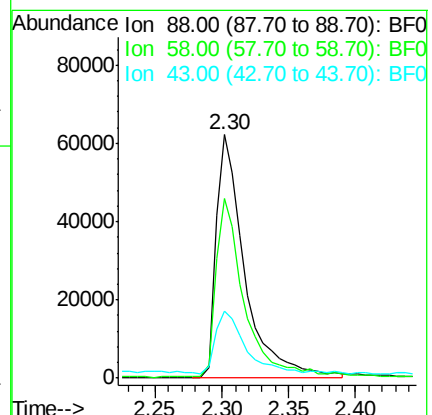
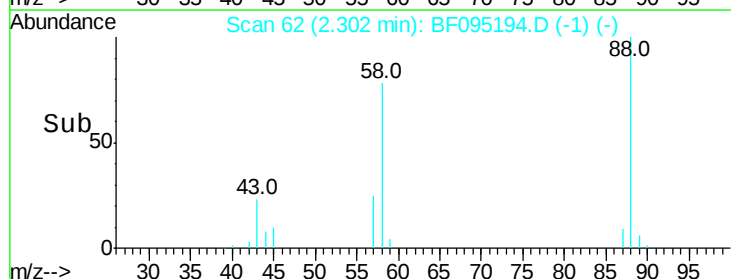
43 28.3 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3
 Pvridine
 Concen: 42.49 ng/ml
 RT: 3.01 min Scan# 182
 Delta R.T. 0.25 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

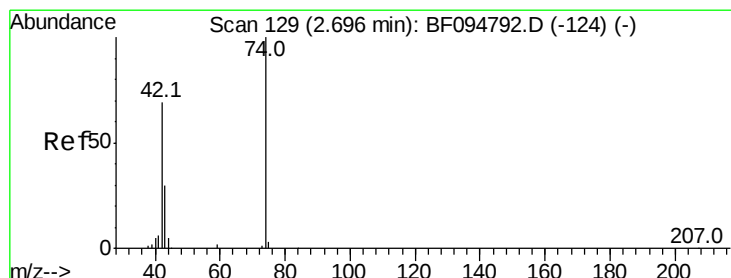
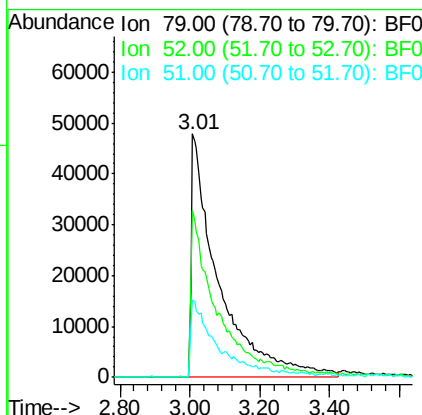
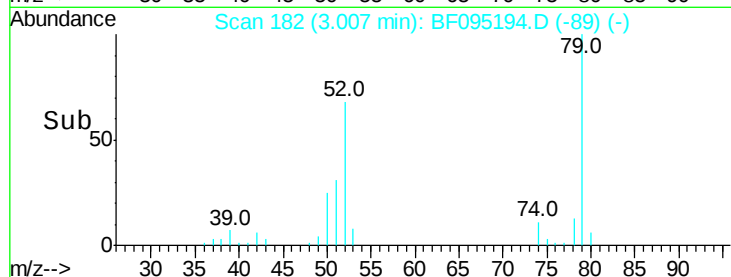
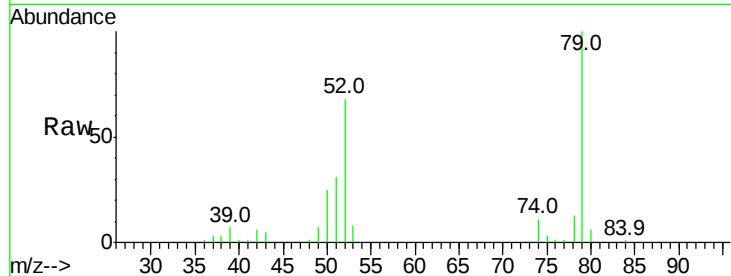
Instrument :
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 ClientSampleId :
 E2-R3-WSWMS

Tot Ion:	79	Resp:	260618
Ion Ratio	Lower	Upper	
79	100		
52	68.3	54.8	82.2
51	31.5	27.0	40.4

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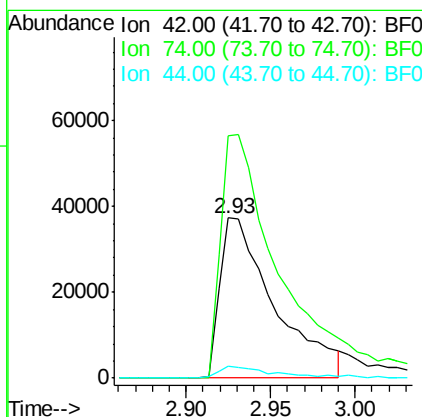
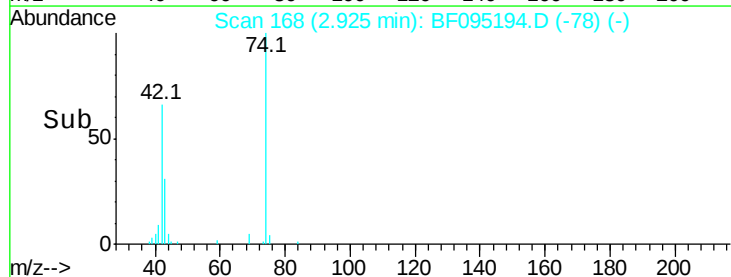
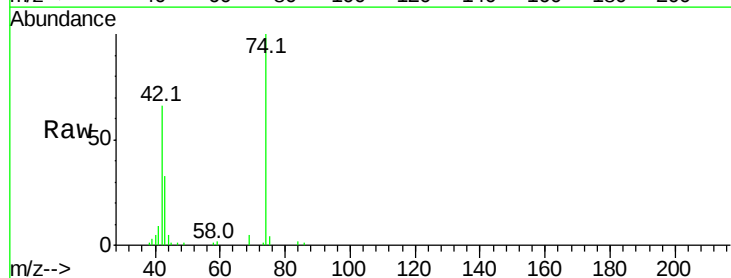
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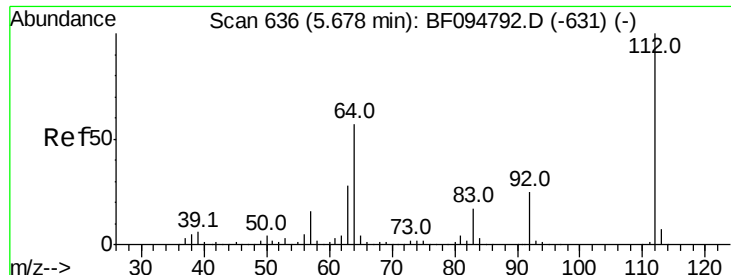
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#4
 n-Nitrosodimethylamine
 Concen: 32.85 ng
 RT: 2.93 min Scan# 168
 Delta R.T. 0.23 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion:	42	Resp:	83989
Ion Ratio	Lower	Upper	
42	100		
74	151.3	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 149.82 ng

RT: 5.75 min Scan# 649

Delta R.T. 0.08 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Instrument :

BNA_F

ClientSampleId :

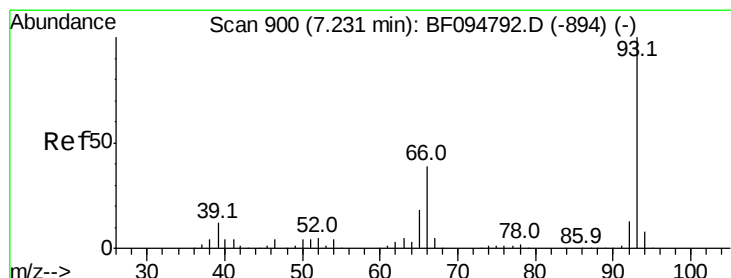
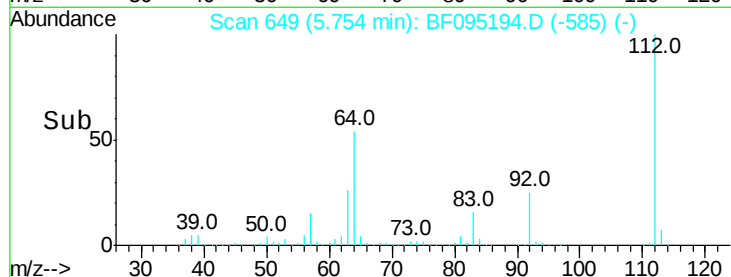
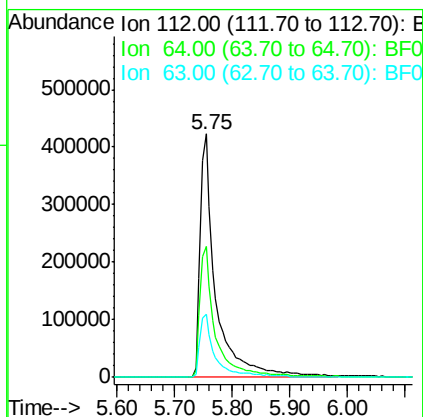
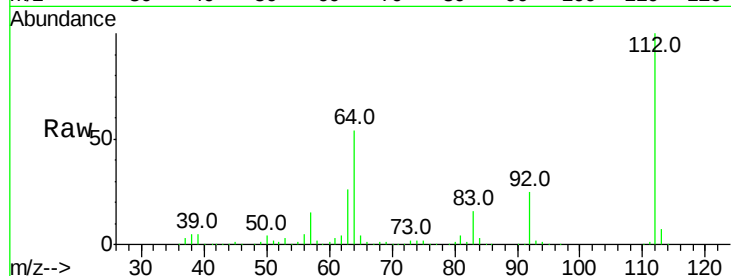
E2-R3-WSWMS

Tot Ion:	112	Resp:	808390
Ion Ratio	Lower	Upper	
112	100		
64	53.8	46.0	69.0
63	25.9	23.4	35.0

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#6

Aniline

Concen: 41.76 ng

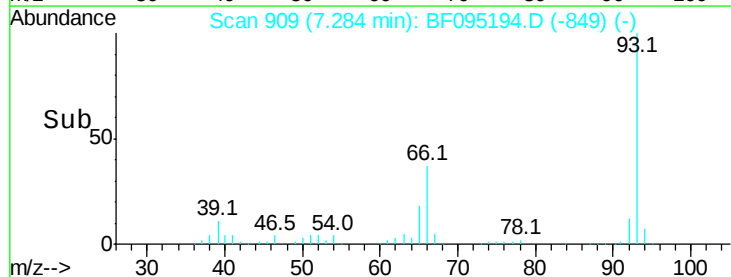
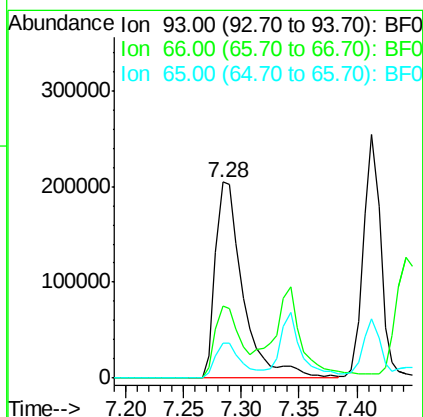
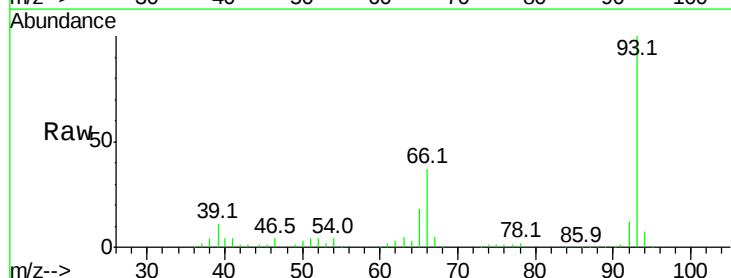
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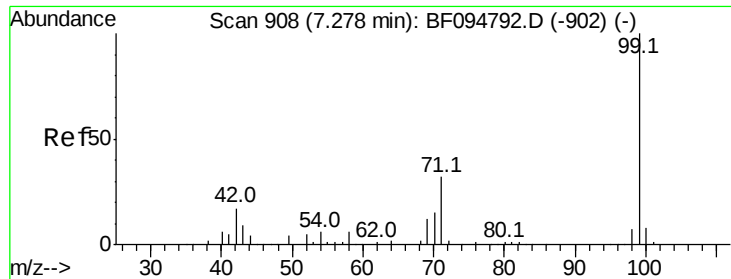
Delta R.T. 0.05 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tgt Ion:	93	Resp:	341352
Ion Ratio	Lower	Upper	
93	100		
66	36.8	32.9	49.3
65	18.2	16.0	24.0





#7

Phenol-d6

Concen: 147.56 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

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ClientSampleId :

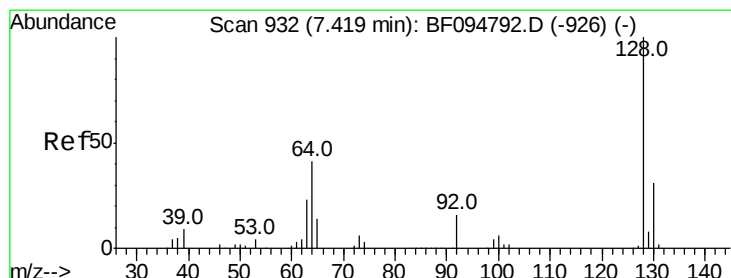
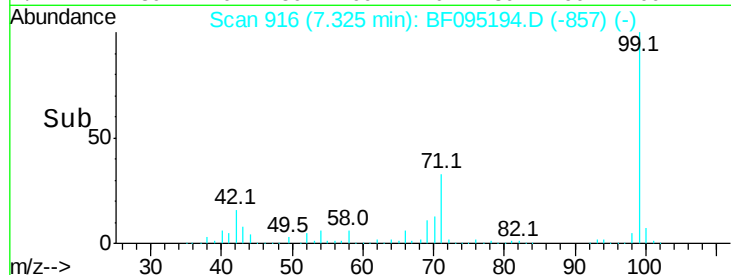
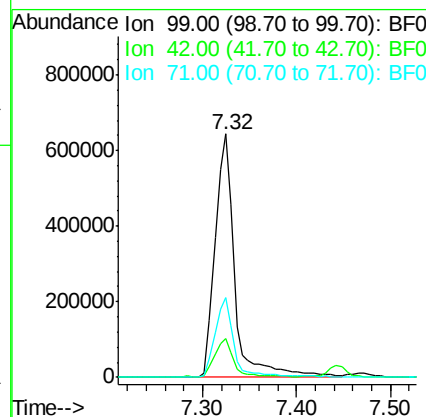
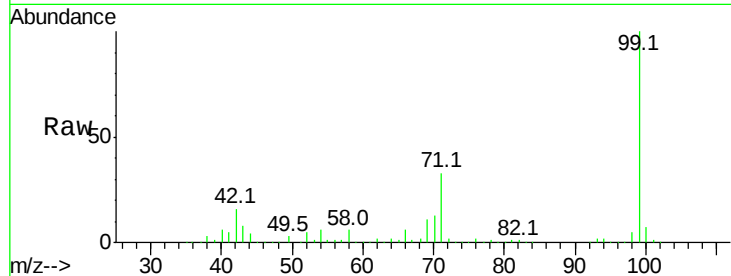
E2-R3-WSWMS

Tot Ion:	99	Resp:	955315
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	32.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 45.13 ng

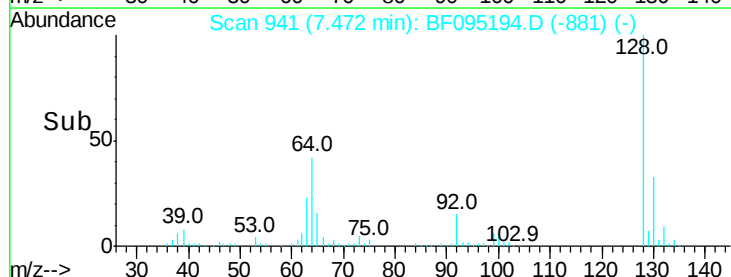
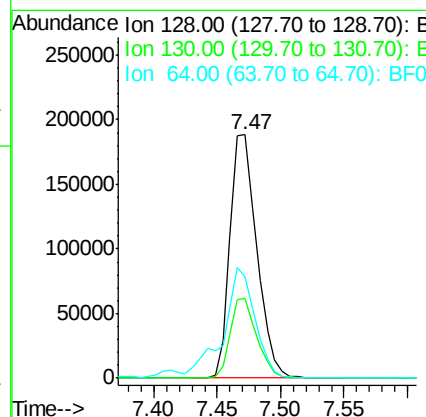
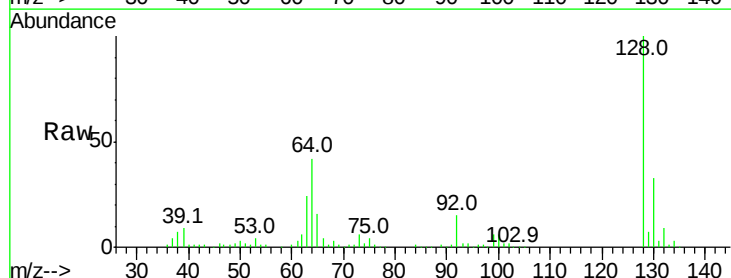
RT: 7.47 min Scan# 941

Delta R.T. 0.05 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tgt Ion:	128	Resp:	277193
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	41.6	28.4	68.4





#9
Benzaldehyde
Concen: 27.72 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

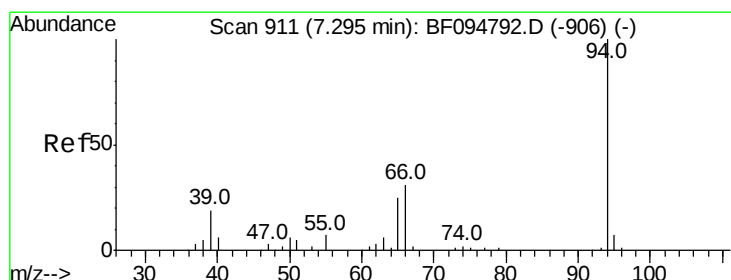
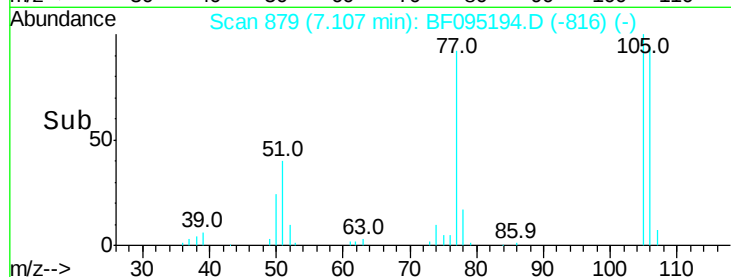
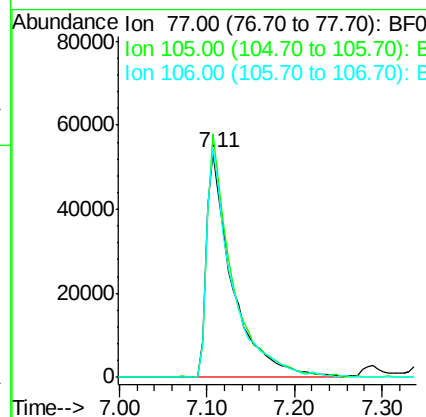
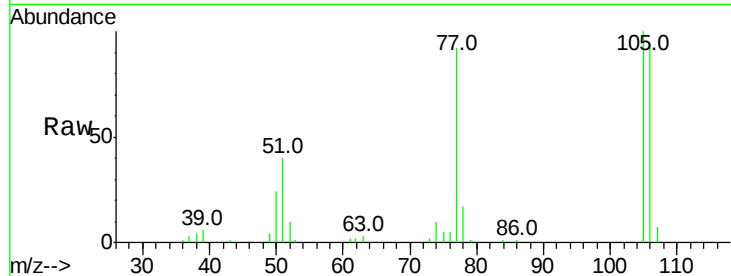
Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	108.4	83.8	123.8		
106	102.0	79.1	119.1		

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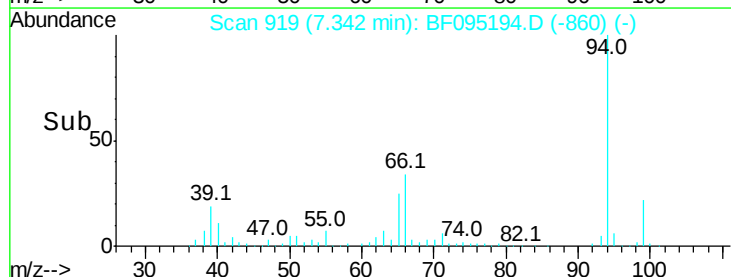
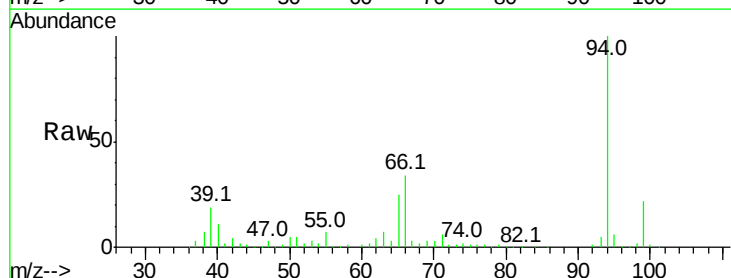
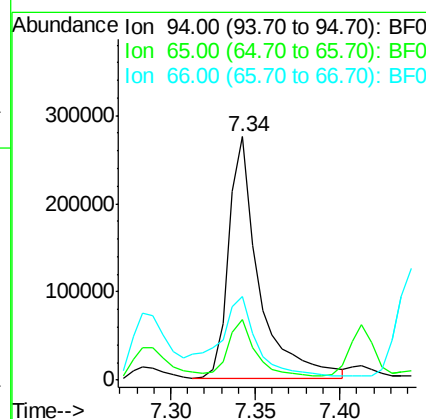
mohammad

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#10
Phenol
Concen: 49.65 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	24.8	9.9	49.9		
66	34.3	23.1	63.1		





#11

bis(2-Chloroethyl)ether

Concen: 47.42 ng

RT: 7.41 min Scan# 931

Delta R.T. 0.05 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tot Ion:	93	Resp:	267082
Ion Ratio	Lower	Upper	
93	100		
63	74.9	59.2	99.2
95	32.9	12.8	52.8

Instrument :

BNA_F

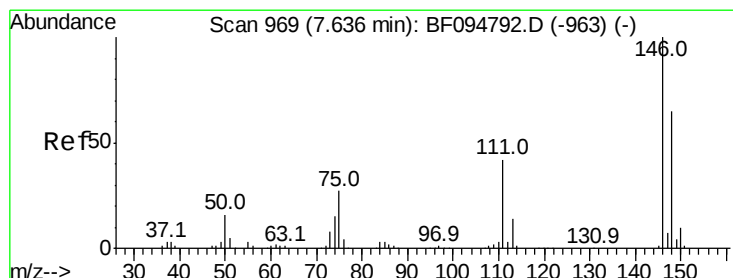
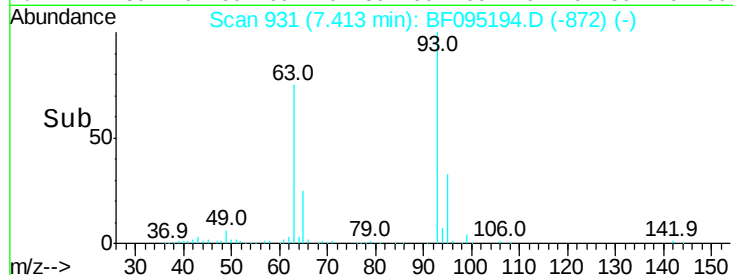
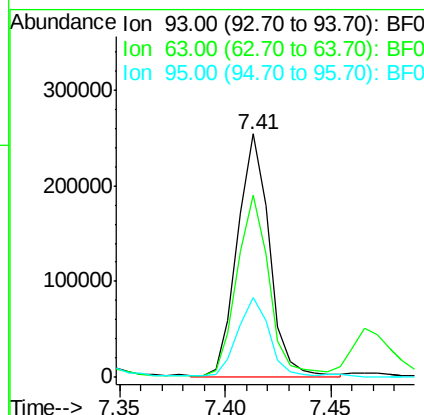
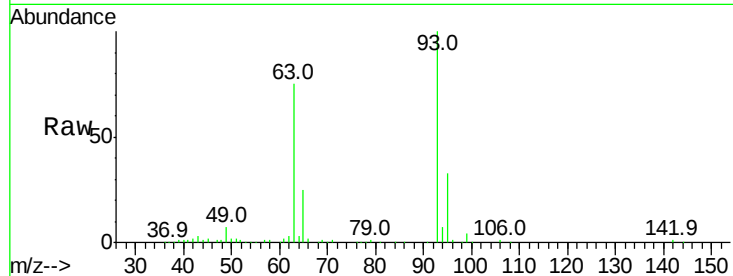
ClientSampleId :

E2-R3-WSWMS

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.34 ng

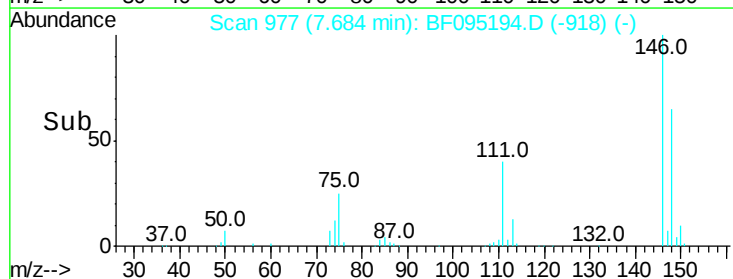
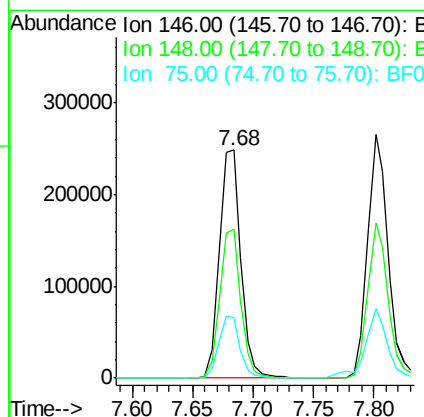
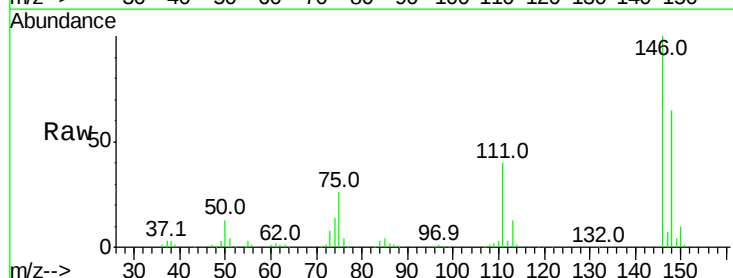
RT: 7.68 min Scan# 977

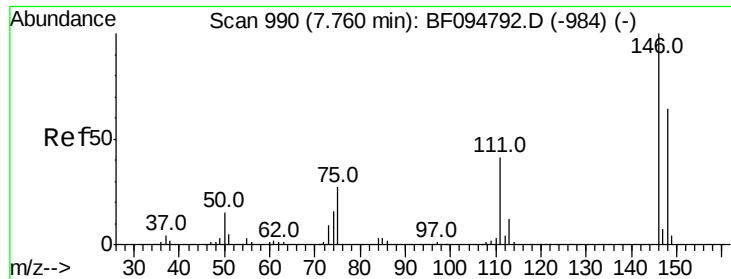
Delta R.T. 0.05 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tgt Ion:	146	Resp:	301962
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.8	77.6
75	26.3	23.1	34.7





#13
 1,4-Dichlorobenzene
 Concen: 44.82 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

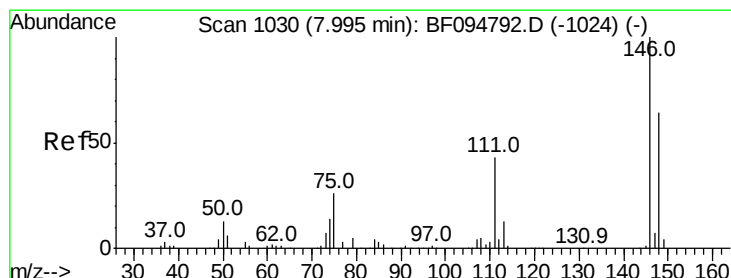
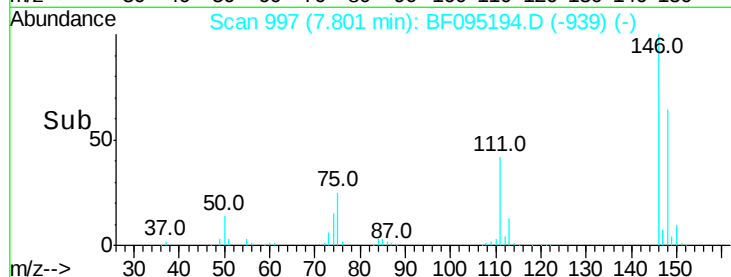
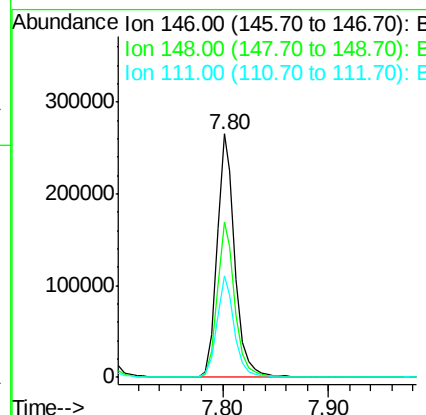
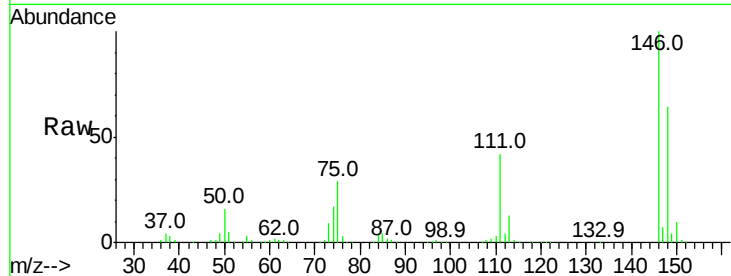
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	41.6	30.3	45.5

Manual Integrations
 APPROVED

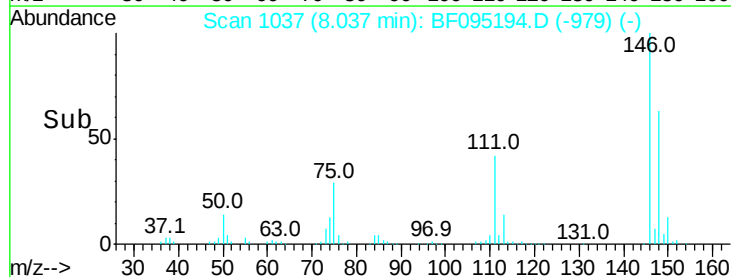
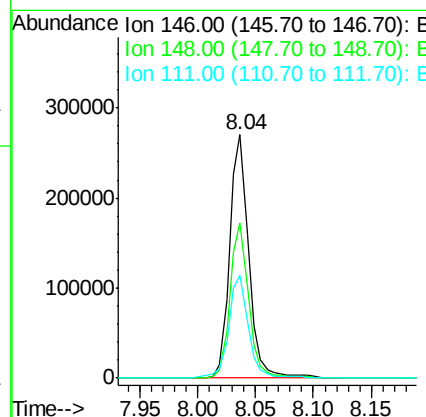
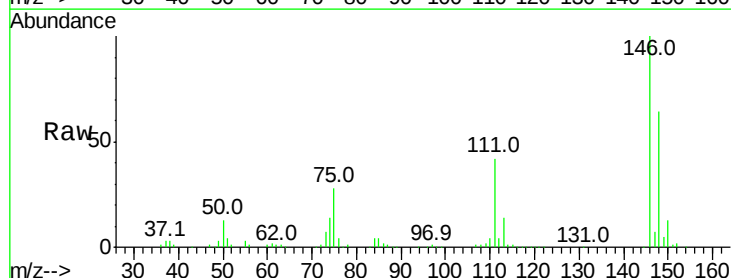
mohammad

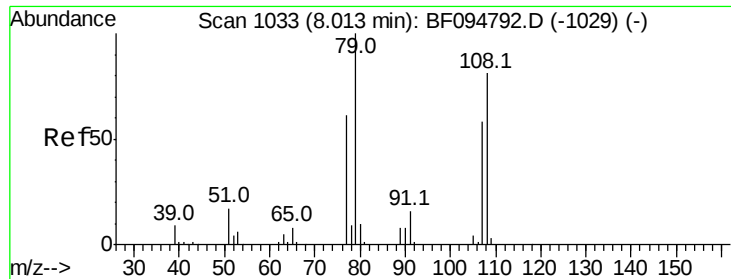
5/18/2017 2:29:18 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.76 ng
 RT: 8.04 min Scan# 1037
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
111	42.1	38.2	57.4





#15
Benzyl Alcohol
Concen: 56.89 ng
RT: 8.06 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

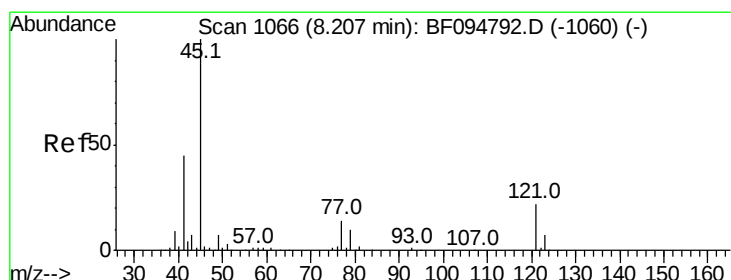
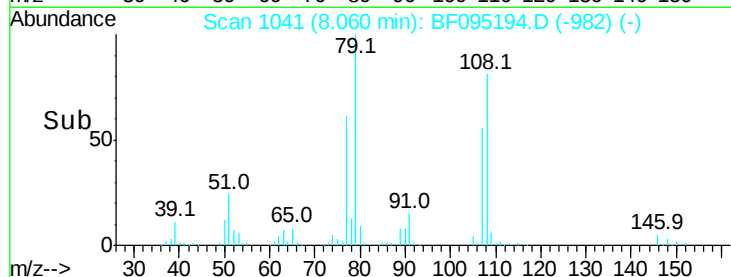
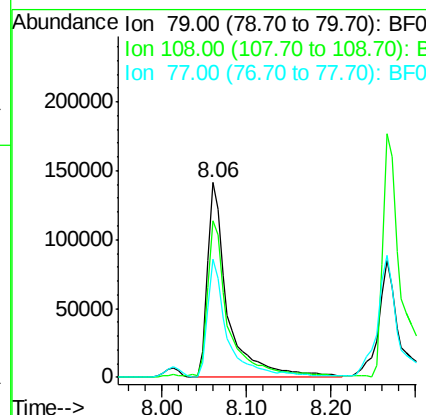
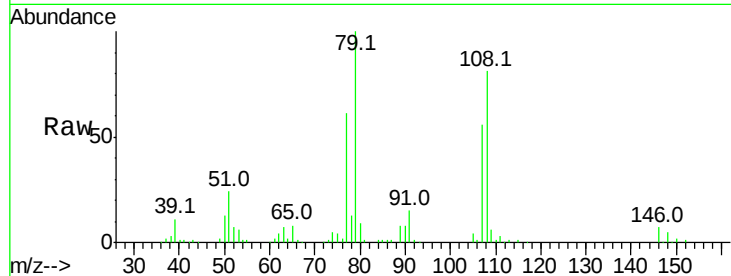
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	63.4	95.0
77	60.9	49.2	73.8

Manual Integrations
APPROVED

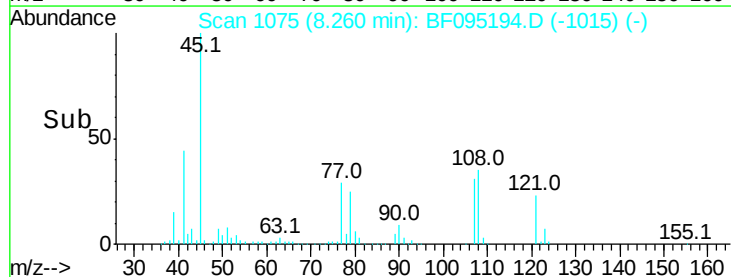
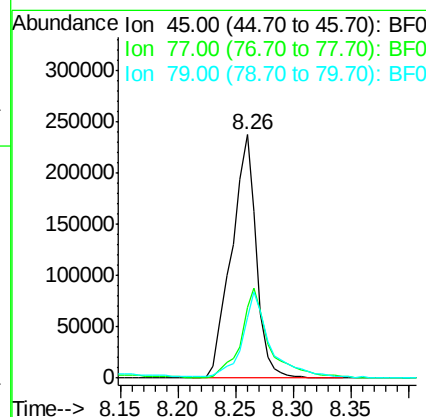
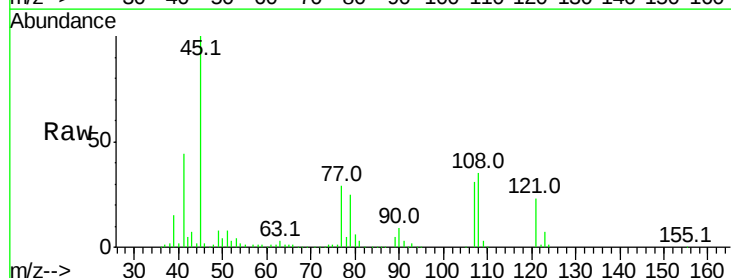
mohammad

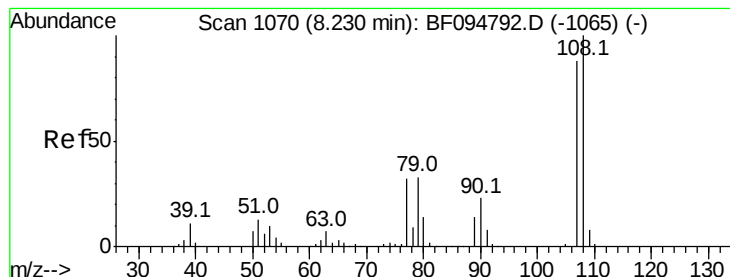
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.07 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.3	0.0	33.2
79	25.1	0.0	30.0





#17
2-Methylphenol
Concen: 47.78 ng
RT: 8.27 min Scan# 1076
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

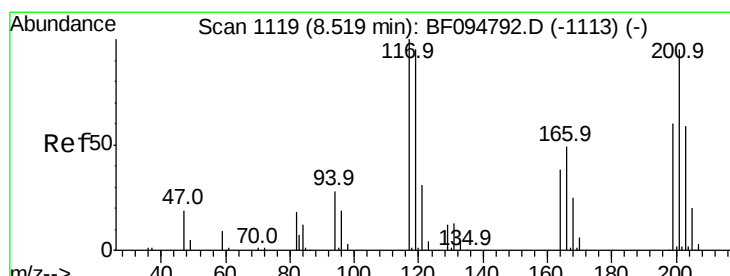
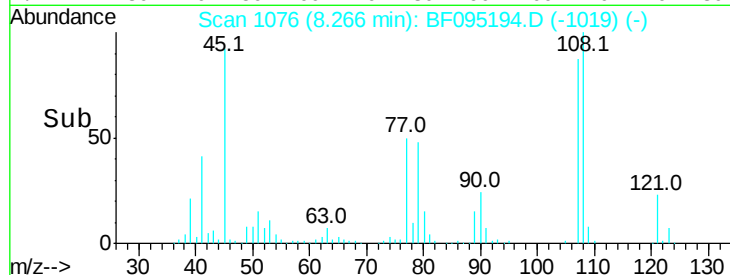
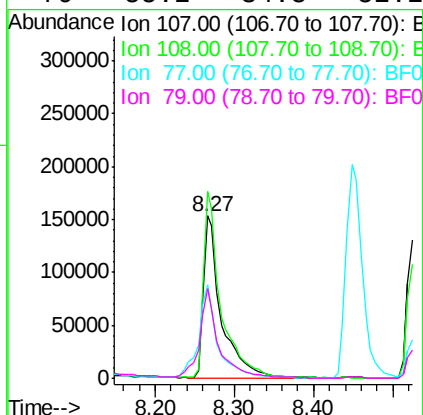
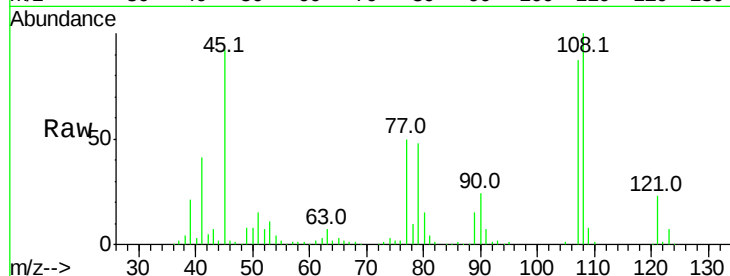
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	93.4	140.0	
77	57.7	35.8	53.6	
79	55.2	34.8	52.2	

Manual Integrations
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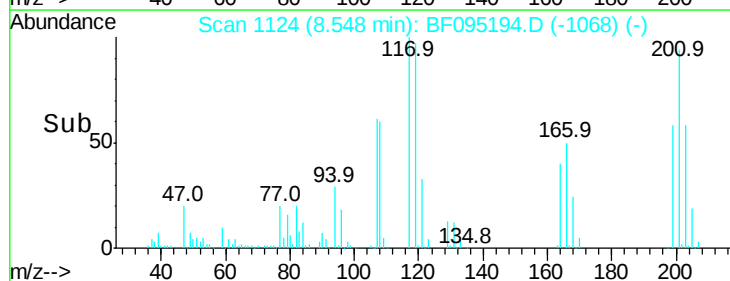
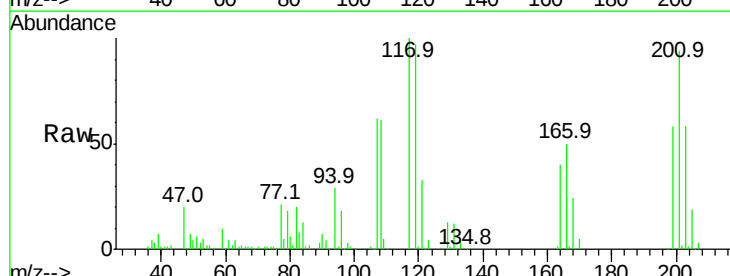
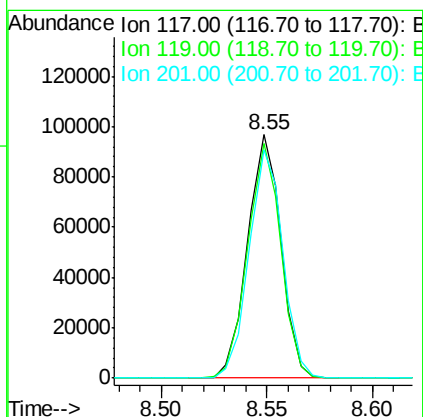
mohammad

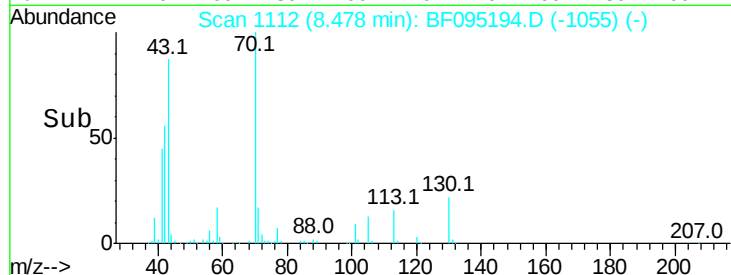
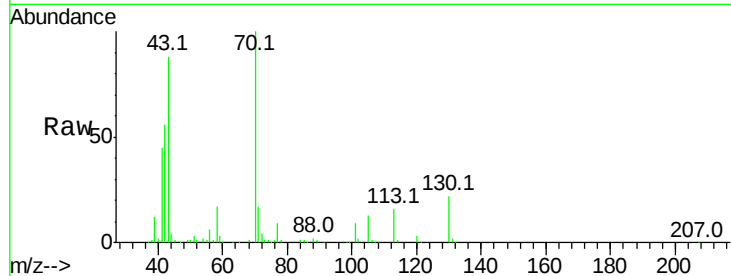
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#18
Hexachloroethane
Concen: 44.54 ng
RT: 8.55 min Scan# 1124
Delta R.T. 0.03 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.0	
201	93.7	94.6	141.8	





#19
n-Nitroso-di-n-propylamine
Concen: 46.12 ng
RT: 8.48 min Scan# 1112
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

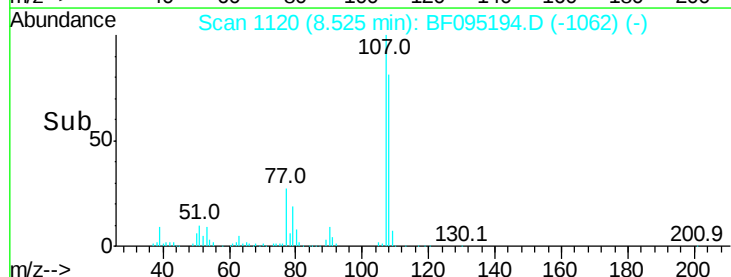
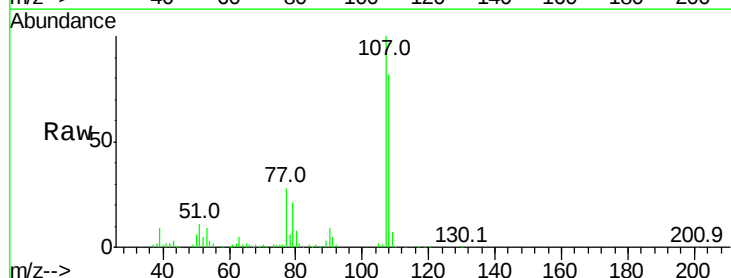
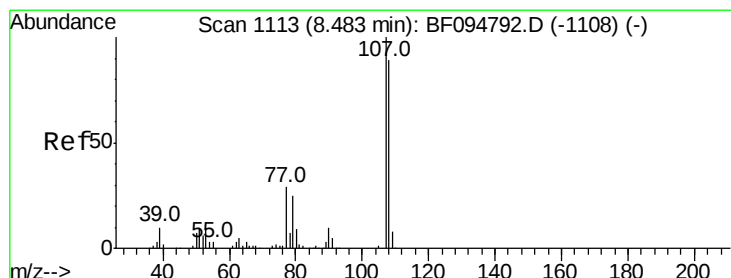
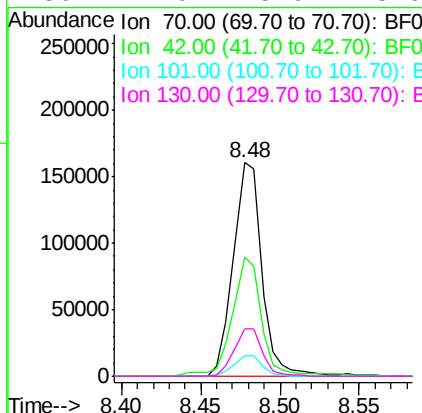
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.2	70.8
101	9.5	7.2	10.8
130	22.0	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Manual Integrations
APPROVED

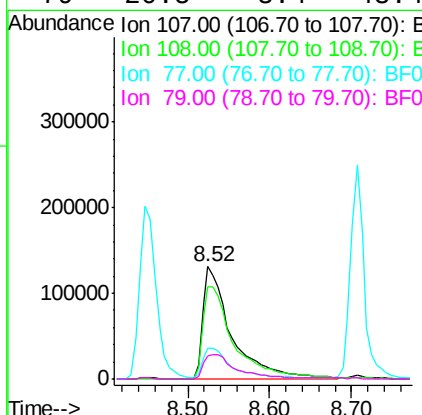
mohammad

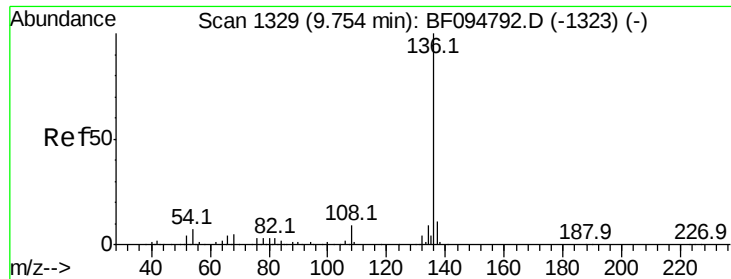
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#20
3+4-Methylphenols
Concen: 47.01 ng
RT: 8.52 min Scan# 1120
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.0	111.0
77	27.5	90.5	130.5#
79	20.5	8.4	48.4





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

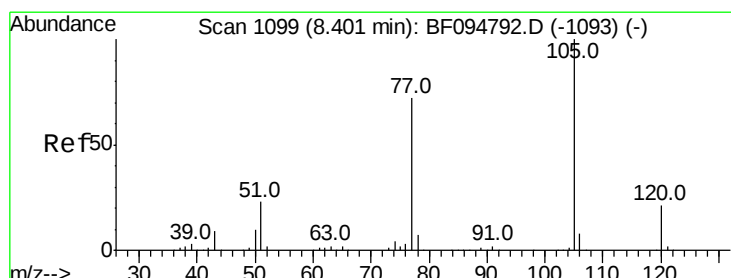
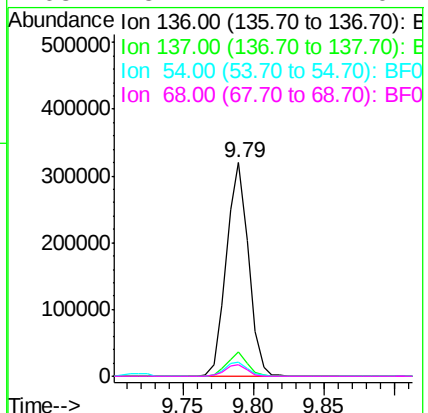
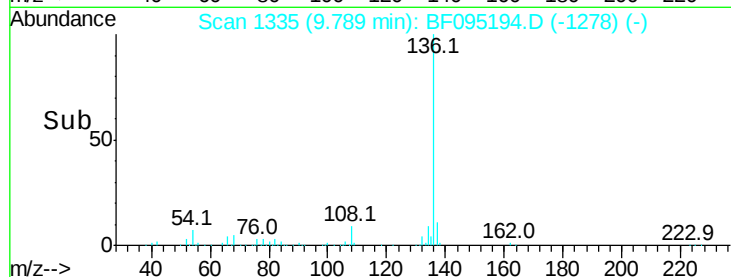
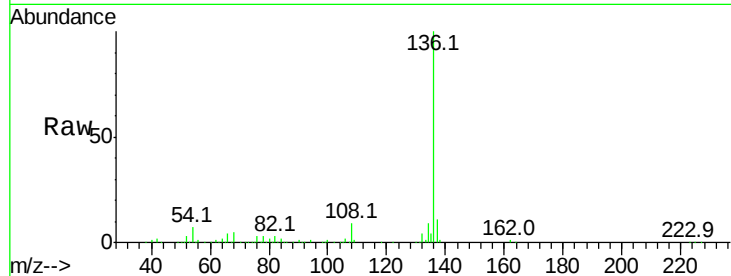
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	6.6	4.9	7.3	
68	5.2	4.1	6.1	

Manual Integrations
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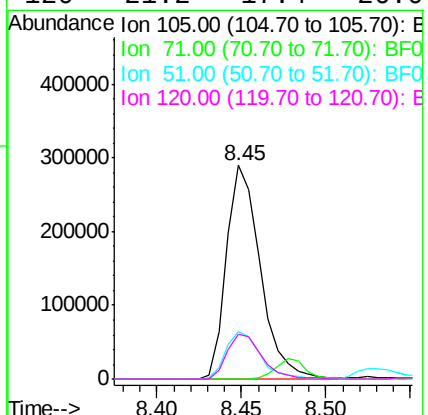
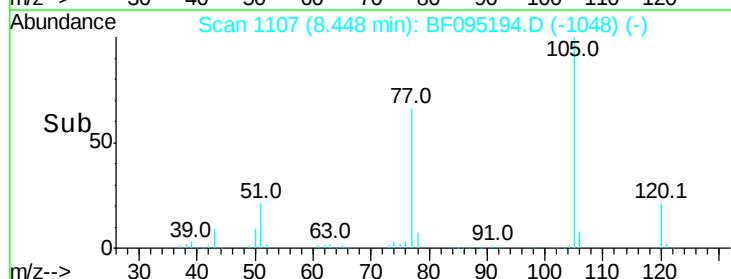
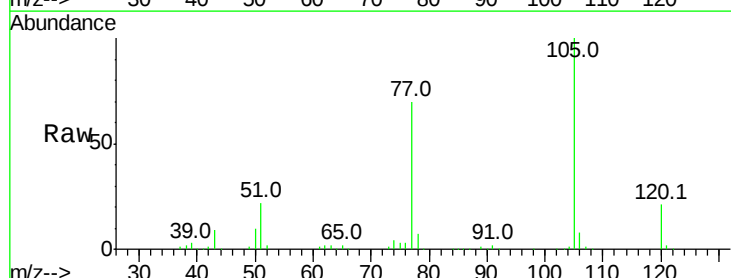
mohammad

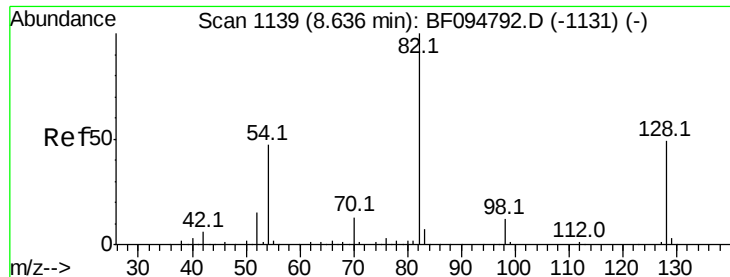
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#22
Acetophenone
Concen: 48.56 ng
RT: 8.45 min Scan# 1107
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.1	30.7	46.1#	
120	21.2	17.4	26.0	





#23
 Nitrobenzene-d5
 Concen: 102.87 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

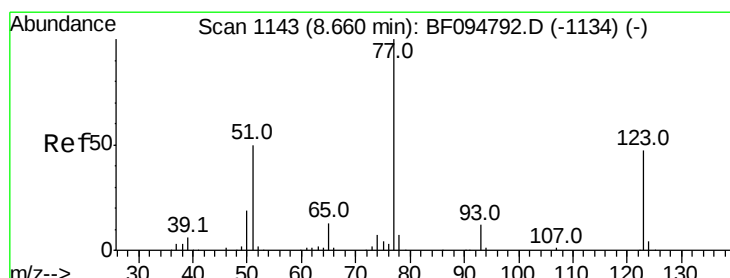
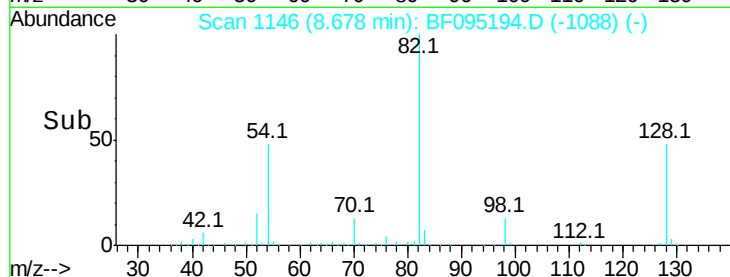
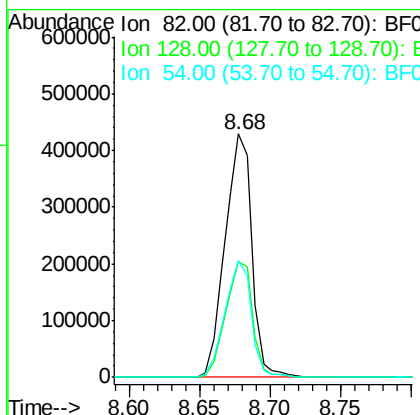
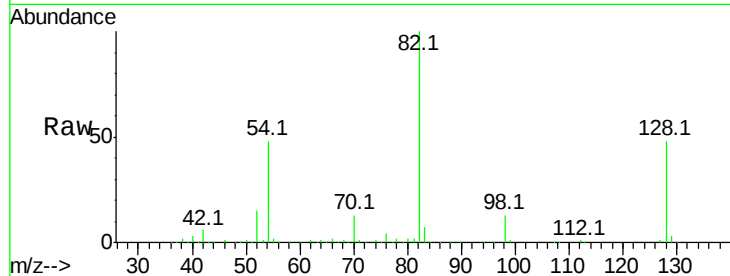
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	82	Resp	566988
Ion Ratio	100	Lower	Upper
128	47.5	34.0	51.0
54	48.2	42.2	63.2

Manual Integrations
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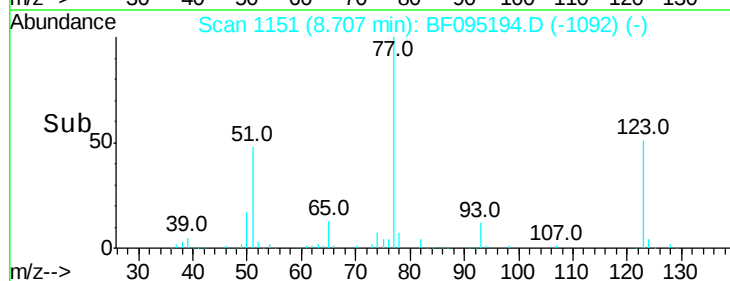
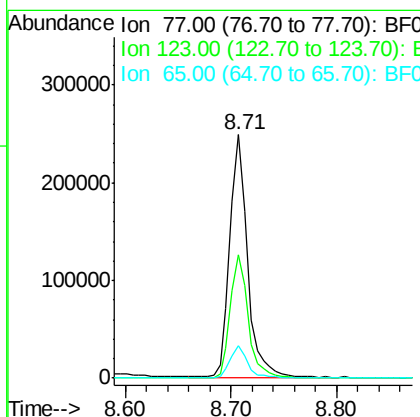
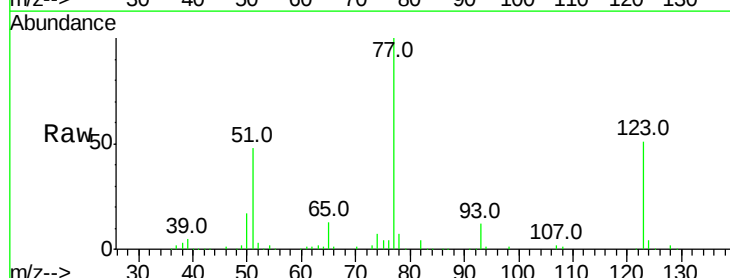
mohammad

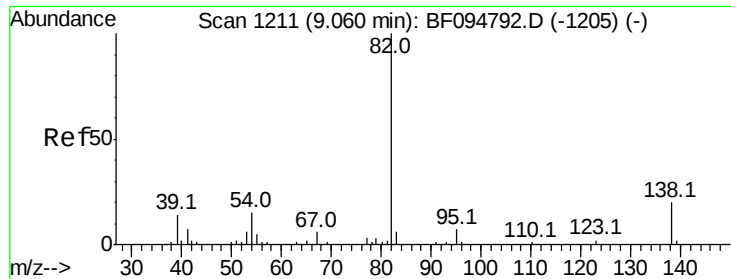
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#24
 Nitrobenzene
 Concen: 49.81 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	77	Resp	287756
Ion Ratio	100	Lower	Upper
123	50.7	35.8	53.8
65	13.2	10.6	15.8





#25
Isophorone
Concen: 52.87 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

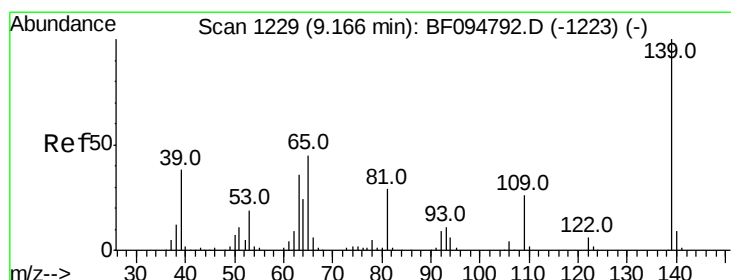
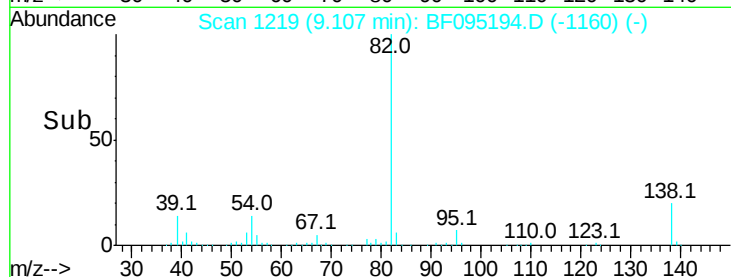
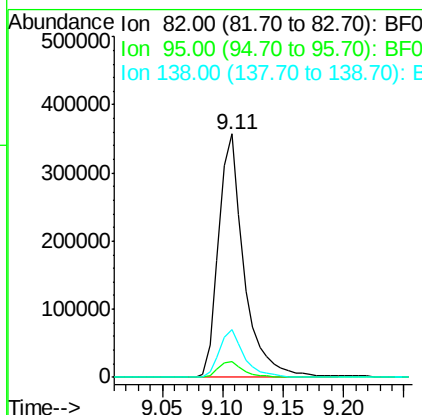
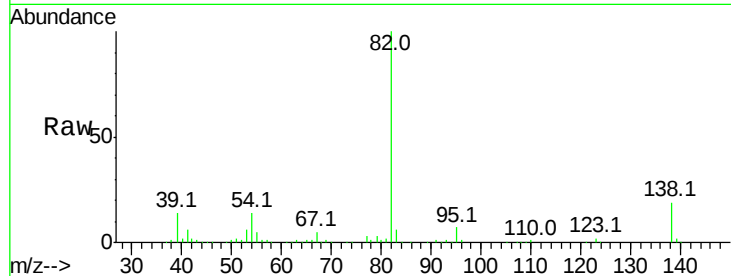
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.3	7.9	
138	19.5	13.1	19.7	

Manual Integrations
APPROVED

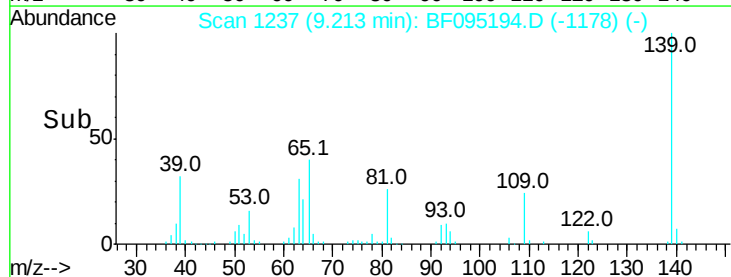
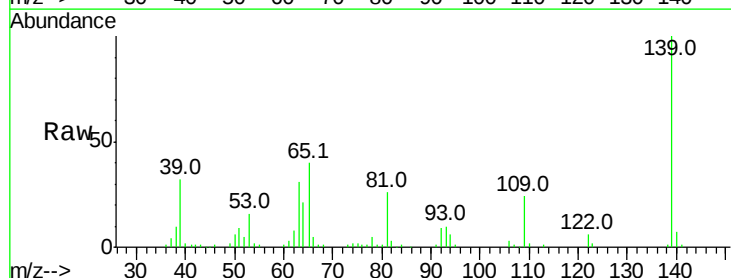
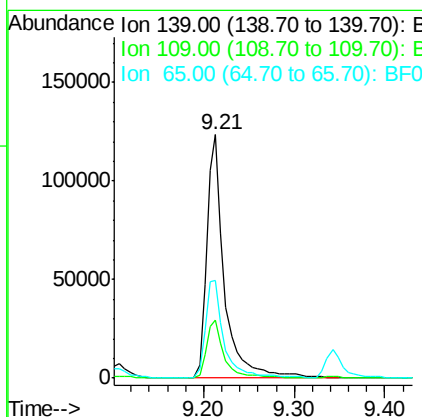
mohammad

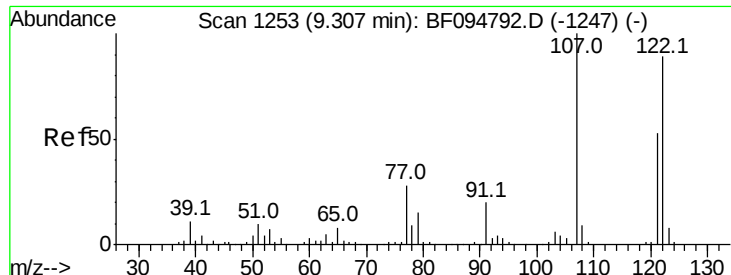
5/18/2017 2:29:18 PM



#26
2-Nitrophenol
Concen: 54.09 ng
RT: 9.21 min Scan# 1237
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.9	21.0	31.6	
65	40.3	33.0	49.6	





#27
 2,4-Dimethylphenol
 Concen: 44.97 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

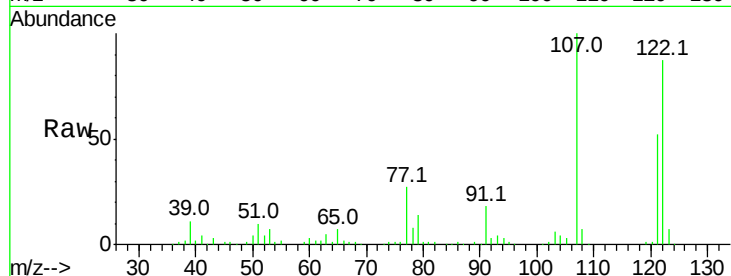
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion:	122	Resp:	226680
Ion Ratio	Lower	Upper	
122	100		
107	115.4	89.2	133.8
121	59.4	45.2	67.8

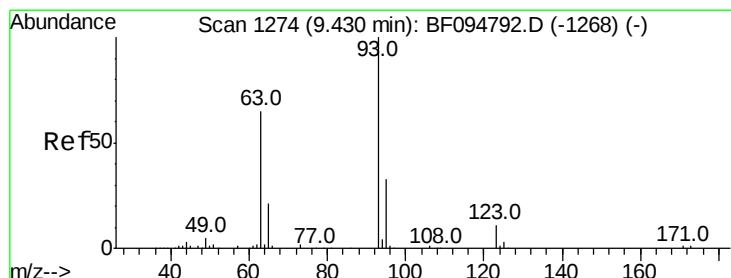
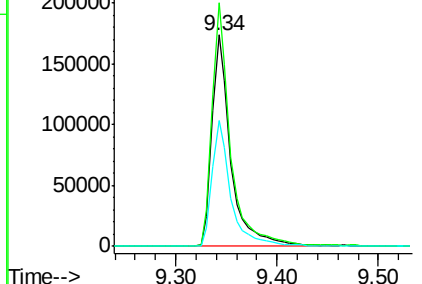
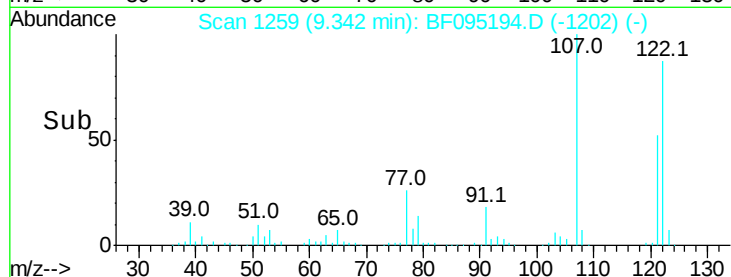
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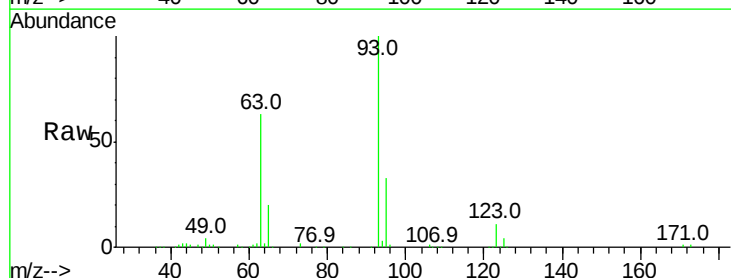


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

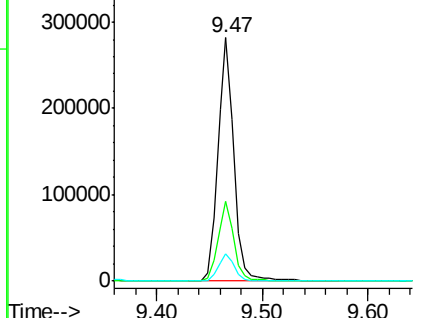
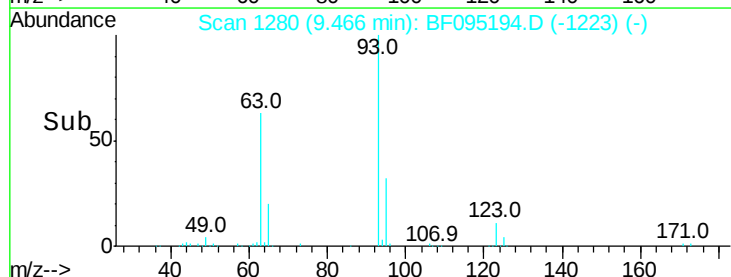


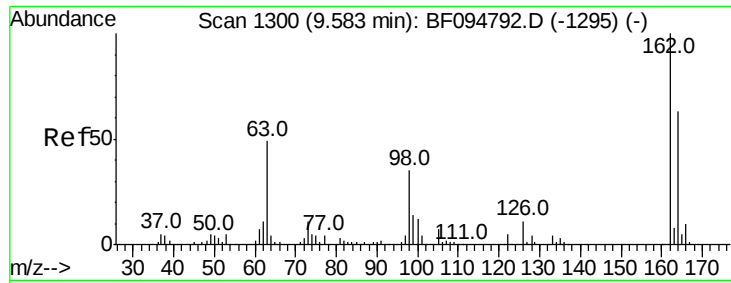
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.18 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion:	93	Resp:	300794
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	11.2	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29
 2,4-Dichlorophenol
 Concen: 47.40 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

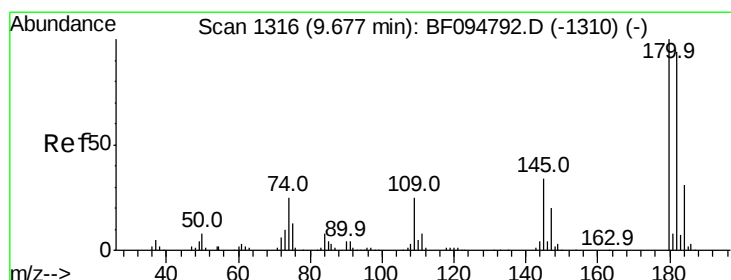
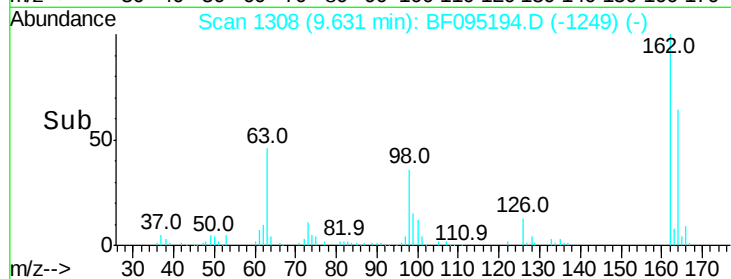
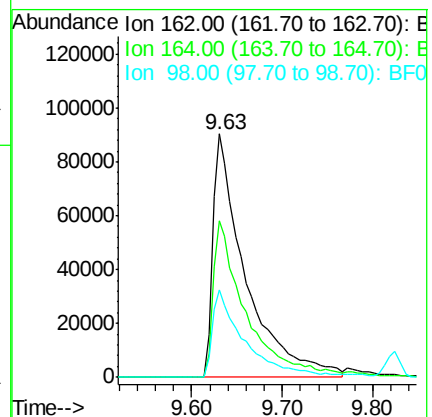
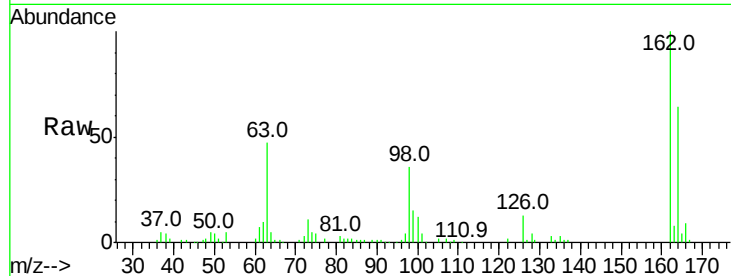
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	225564		
164	64.1	44.6	84.6	
98	35.8	14.8	54.8	

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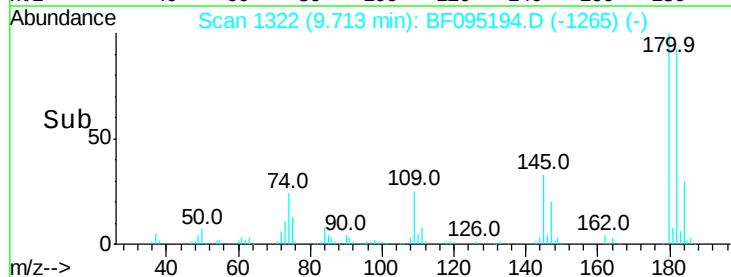
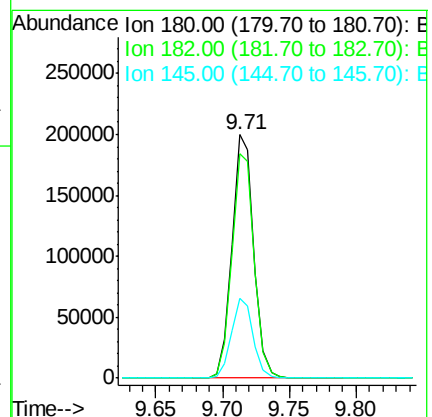
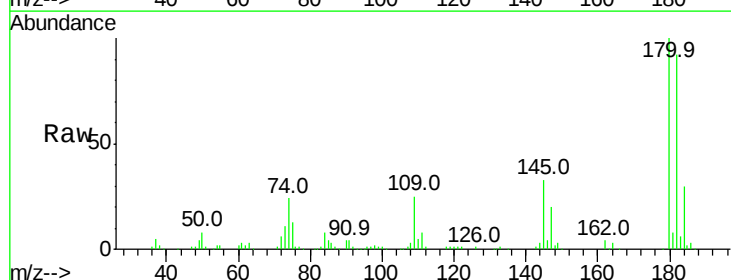
mohammad

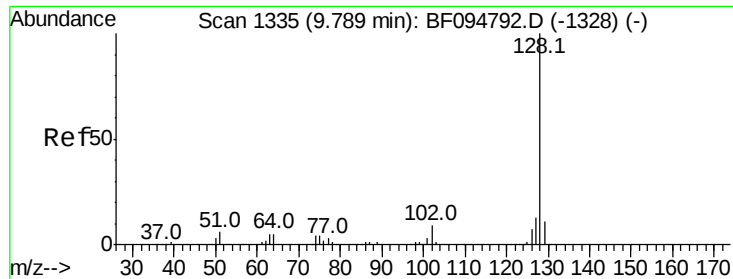
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.88 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	228822		
182	92.0	75.8	113.6	
145	32.8	25.3	37.9	





#31
Naphthalene
Concen: 44.72 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

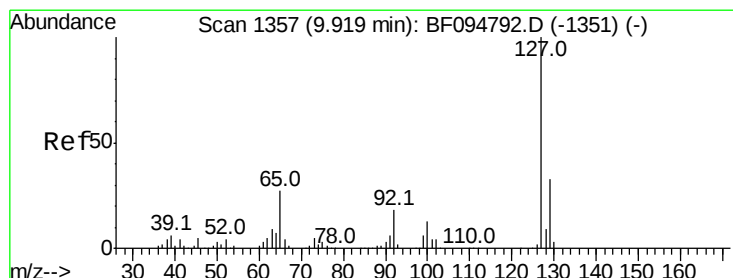
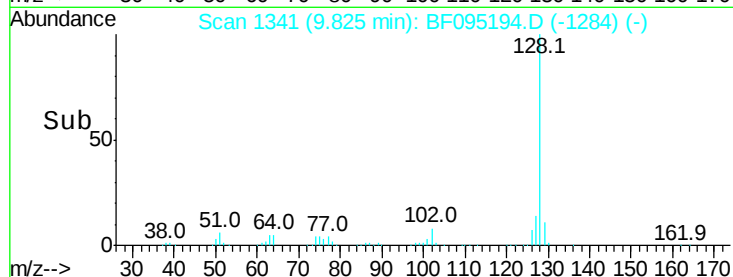
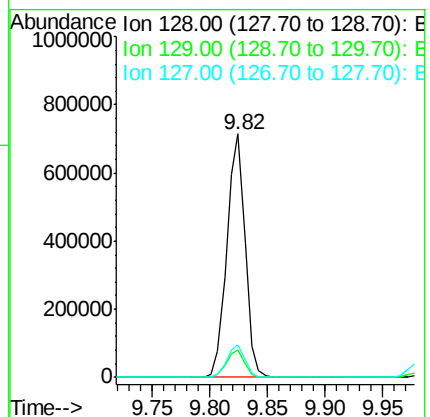
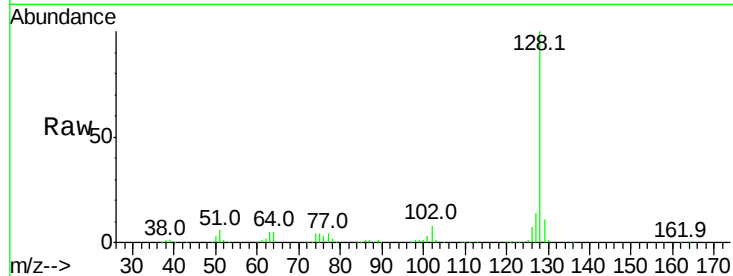
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.6	
127	13.6	10.8	16.2	

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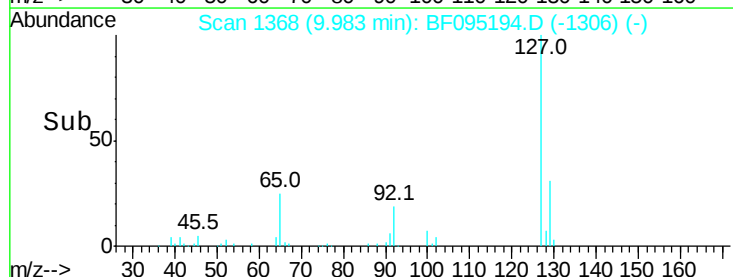
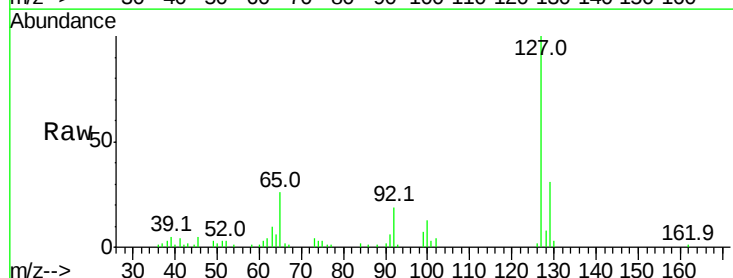
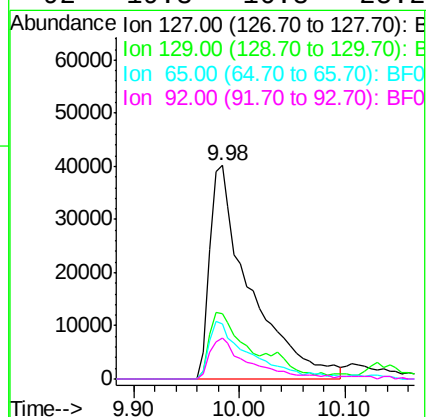
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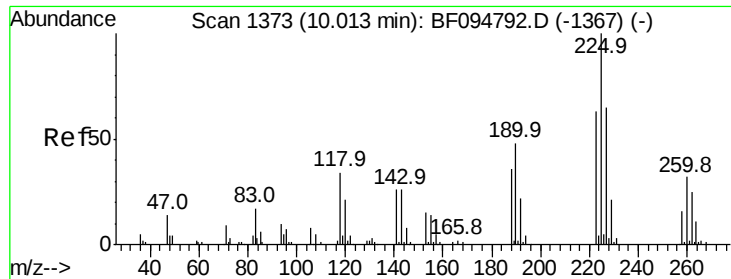
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#33
4-Chloroaniline
Concen: 16.38 ng
RT: 9.98 min Scan# 1368
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.7	26.2	39.2	
65	25.6	27.8	41.8	
92	19.3	16.8	25.2	





#34
Hexachlorobutadiene
Concen: 43.31 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

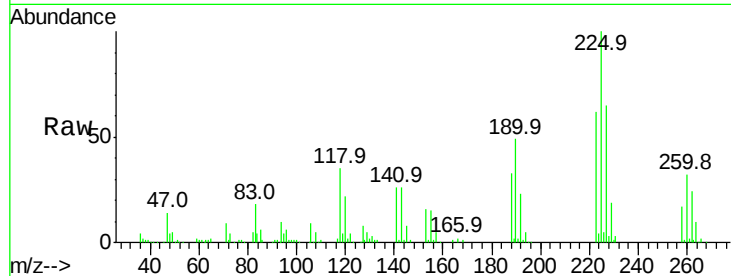
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion:	225	Resp:	116517
Ion Ratio	Lower	Upper	
225	100		
223	62.4	48.8	73.2
227	65.1	51.1	76.7

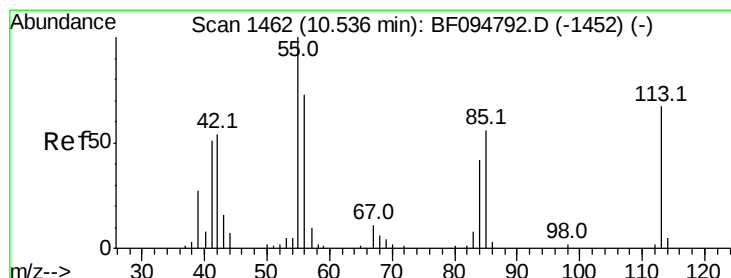
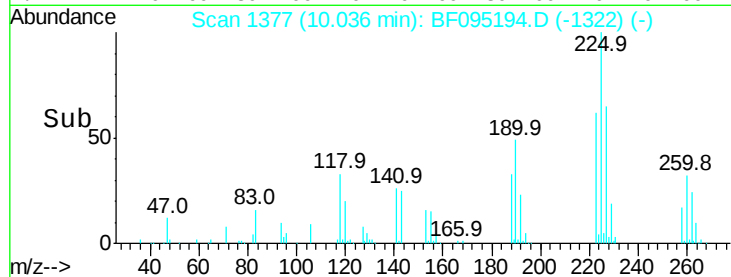
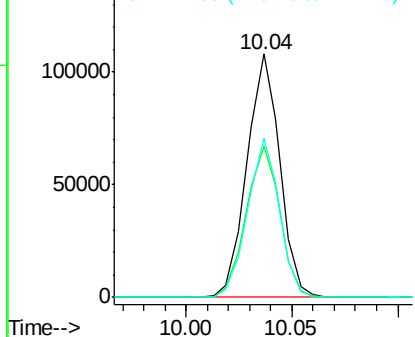
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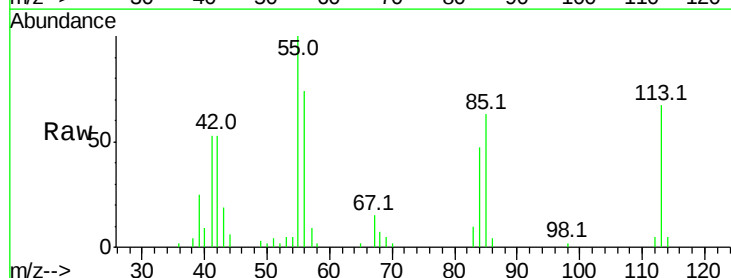


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

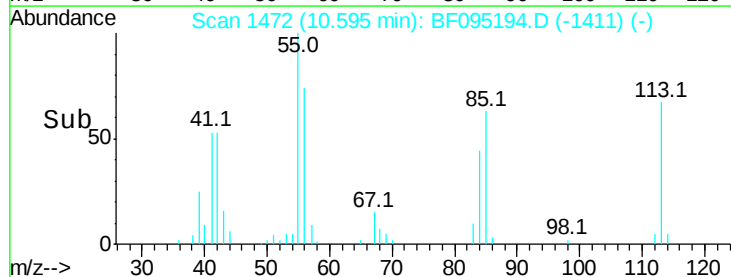
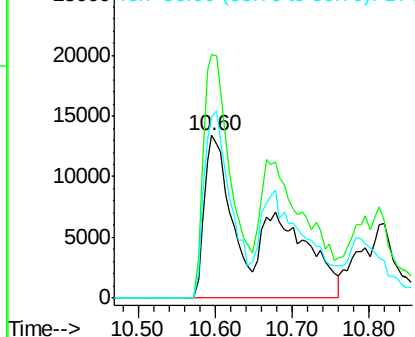


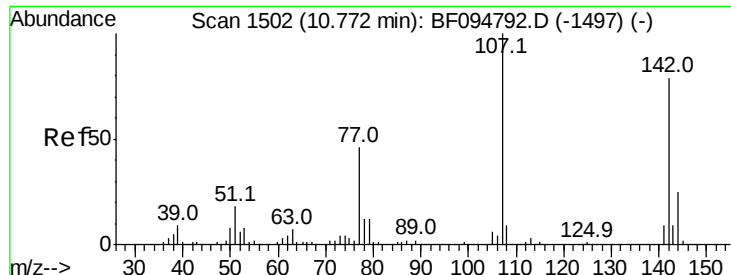
#35
Caprolactam
Concen: 44.06 ng m
RT: 10.60 min Scan# 1472
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion:	113	Resp:	62972
Ion Ratio	Lower	Upper	
113	100		
55	149.7	150.2	190.2#
56	111.3	107.8	147.8



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





#36
 4-Chloro-3-methylphenol
 Concen: 52.58 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.05 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

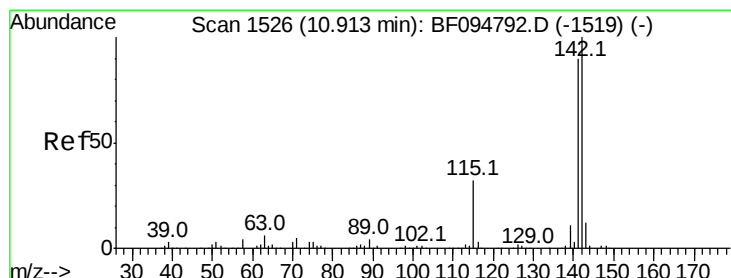
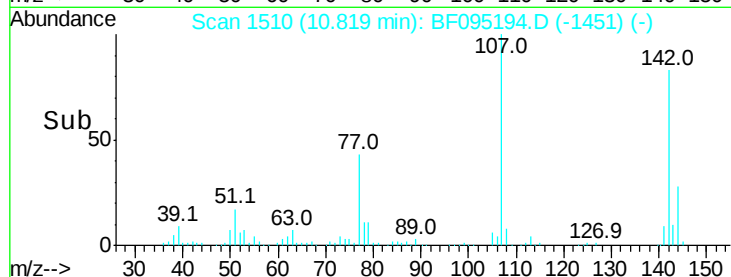
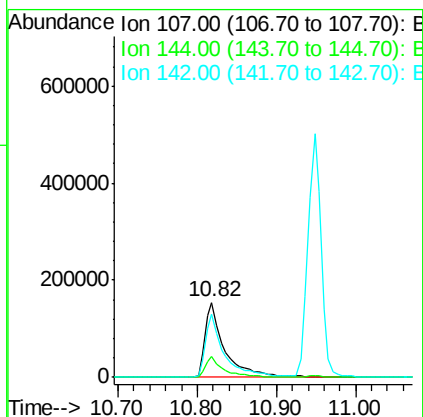
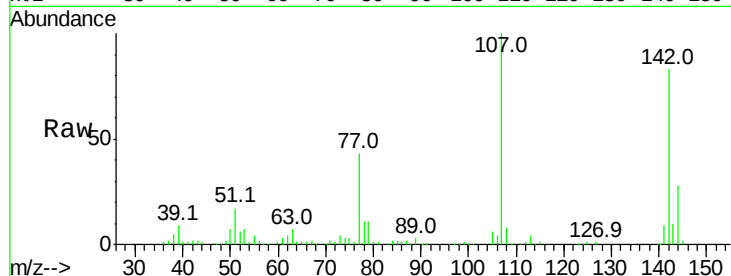
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.7	24.2	36.4
142	83.2	73.4	110.0

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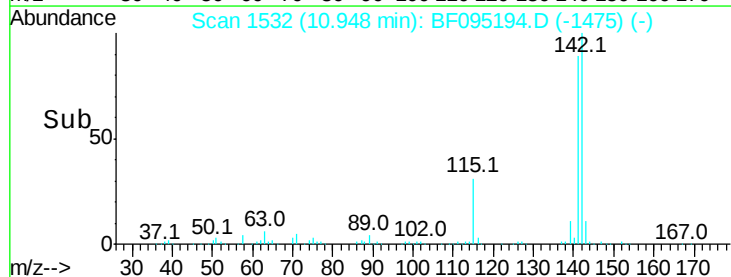
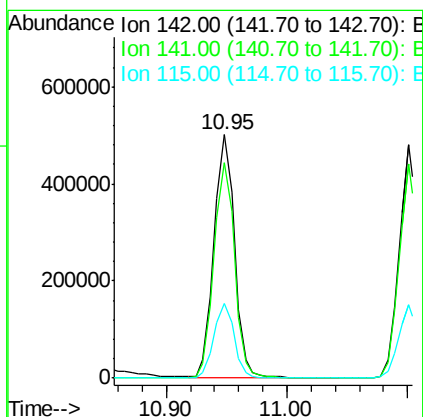
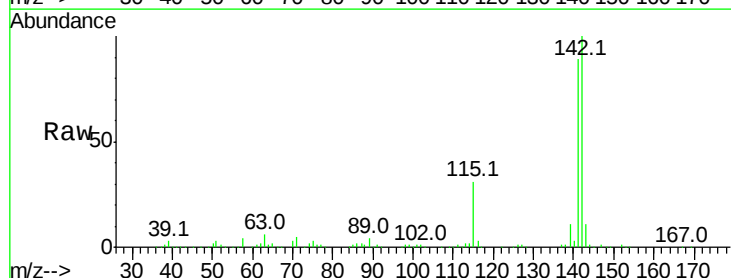
mohammad

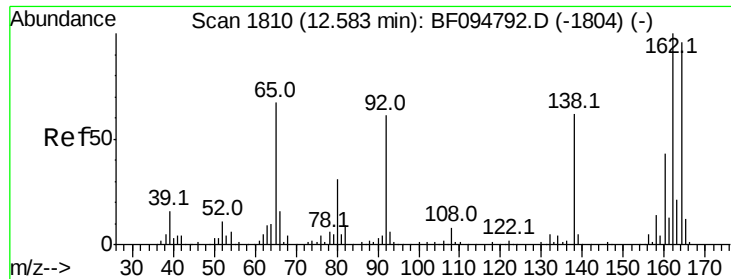
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#37
 2-Methylnaphthalene
 Concen: 51.53 ng
 RT: 10.95 min Scan# 1532
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	30.6	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Instrument :

BNA_F

ClientSampleId :

E2-R3-WSWMS

Tot Ion:164 Resp: 171577

Ion Ratio Lower Upper

164 100

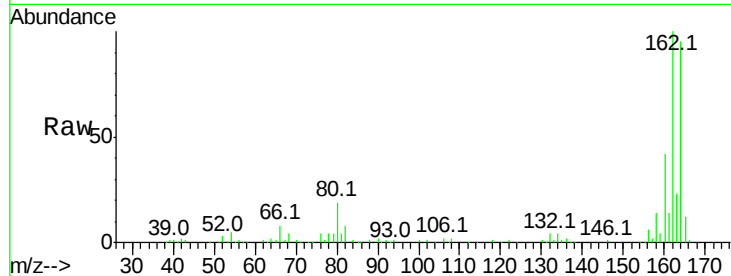
162 105.6 82.6 123.8

160 44.5 36.2 54.2

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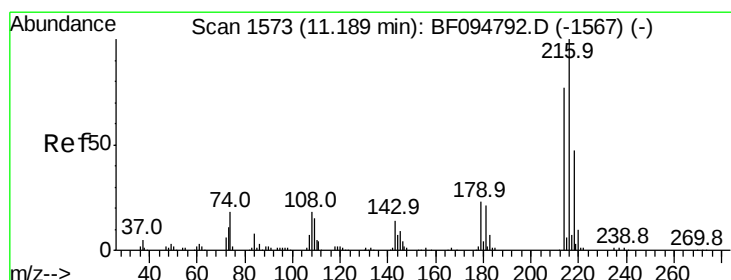
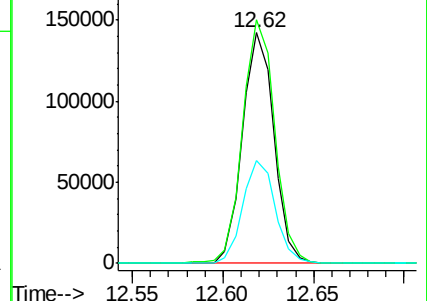
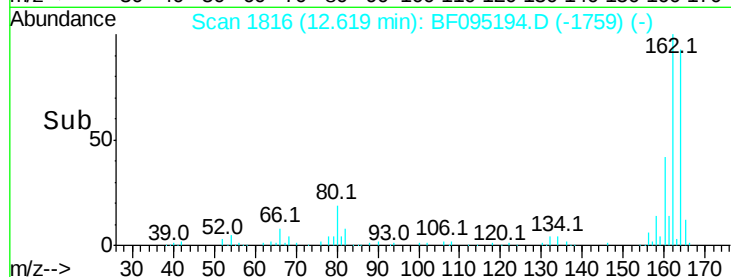
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.07 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tgt Ion:216 Resp: 227252

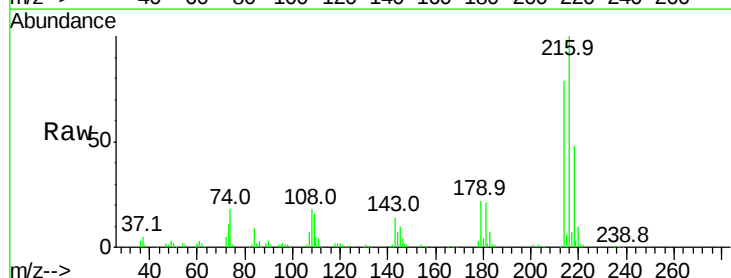
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 22.4 17.9 26.9

108 20.5 16.5 24.7

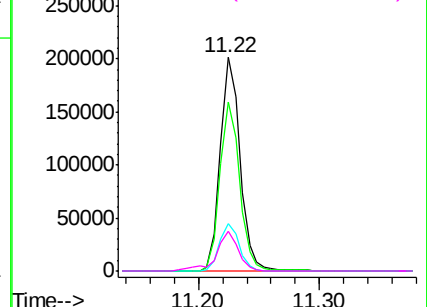
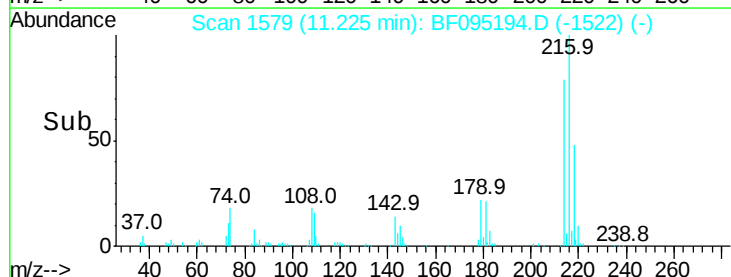


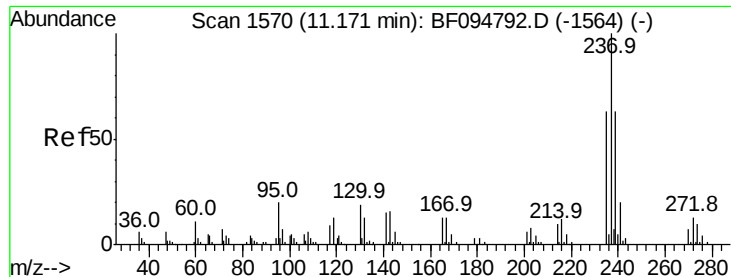
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40
Hexachlorocyclopentadiene
Concen: 67.58 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.03 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

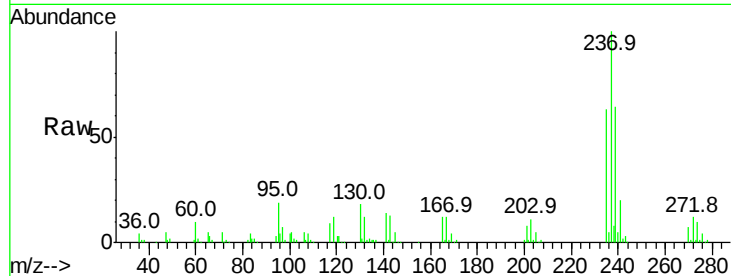
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	42.6	82.6
272	12.4	0.0	31.9

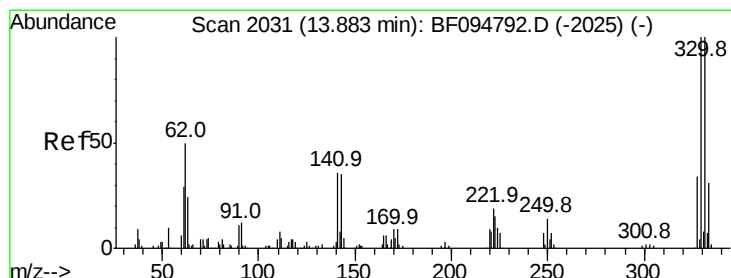
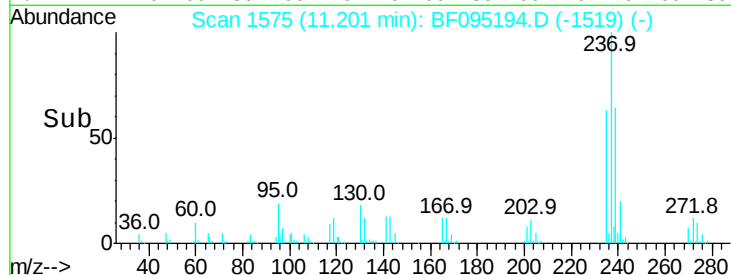
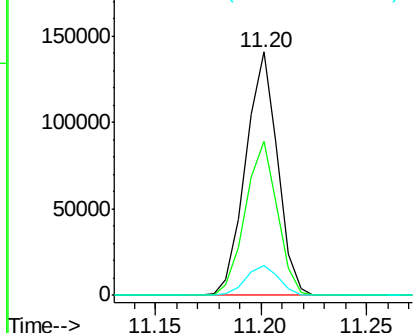
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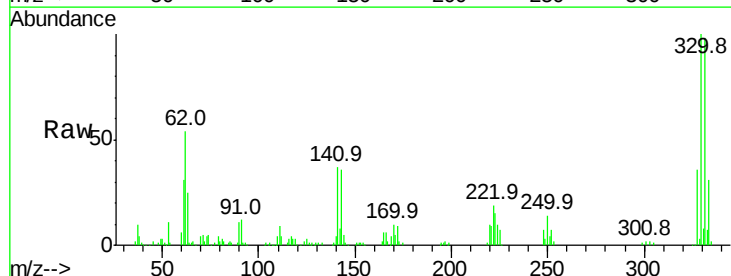


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

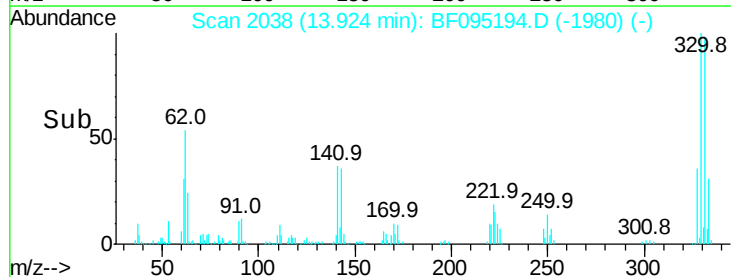
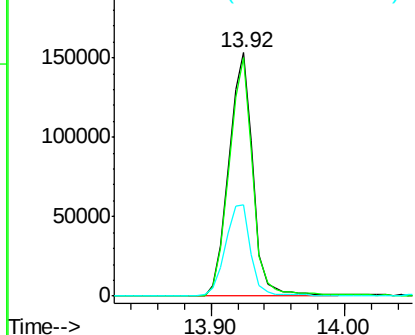


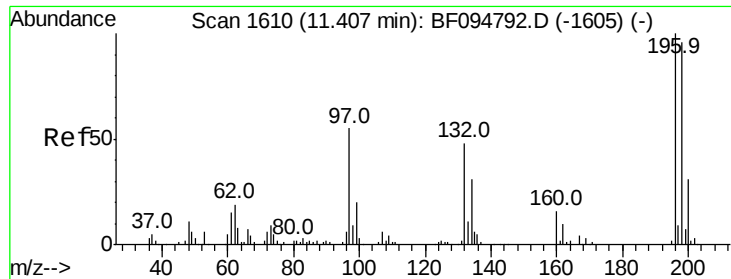
#41
2,4,6-Tribromophenol
Concen: 139.04 ng
RT: 13.92 min Scan# 2038
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	76.6	115.0
141	40.1	31.4	47.2



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





#42
2,4,6-Trichlorophenol
Concen: 46.16 ng
RT: 11.45 min Scan# 1617
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

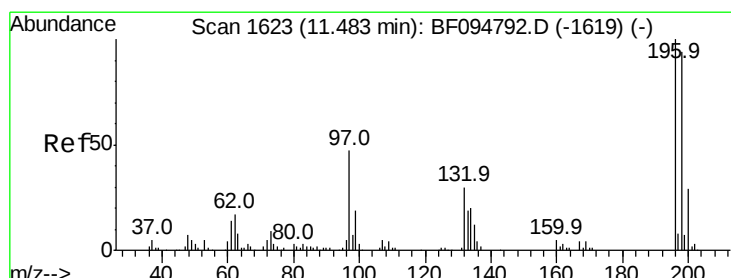
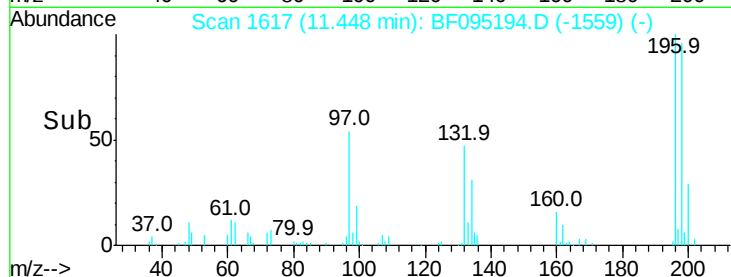
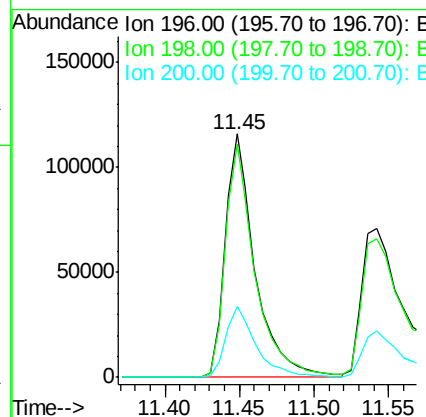
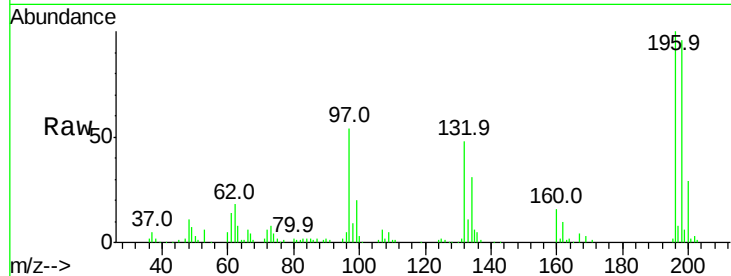
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	162615		
198	96.1	74.2	111.4	
200	29.2	24.0	36.0	

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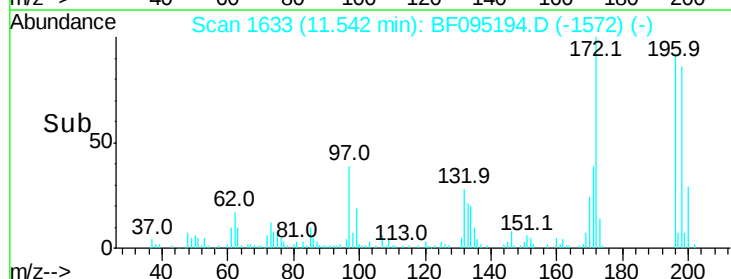
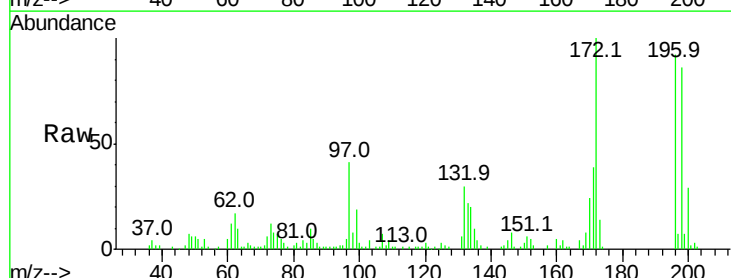
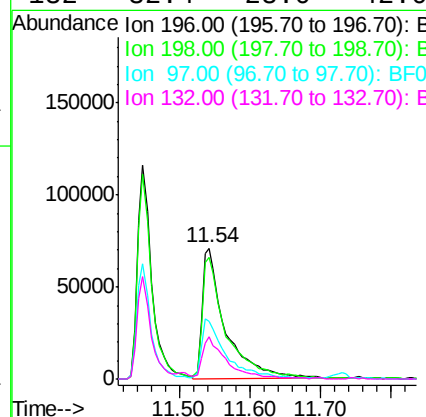
mohammad

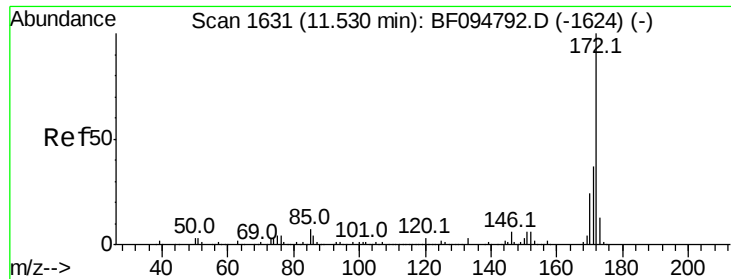
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#43
2,4,5-Trichlorophenol
Concen: 43.24 ng
RT: 11.54 min Scan# 1633
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163719		
198	93.2	75.7	113.5	
97	44.3	47.7	71.5#	
132	32.4	28.0	42.0	





#44
2-Fluorobiphenyl
Concen: 87.61 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

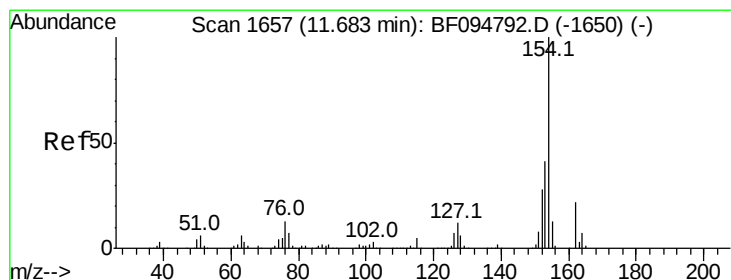
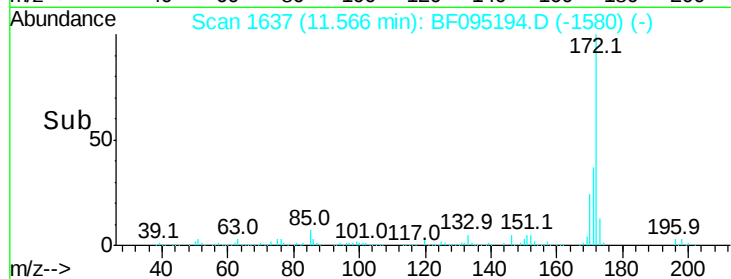
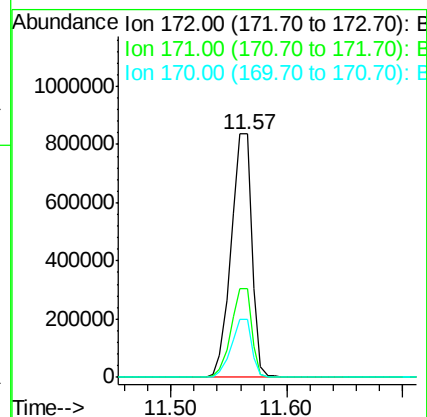
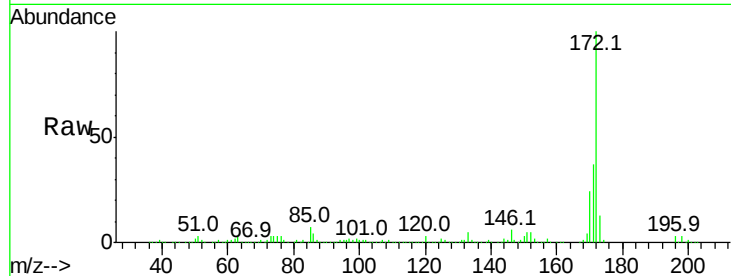
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion:172 Resp: 1044336
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.8 29.8

Manual Integrations
APPROVED

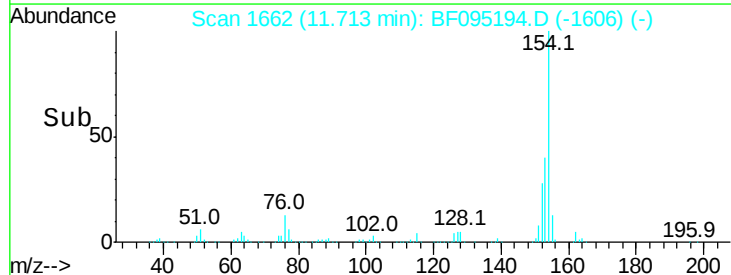
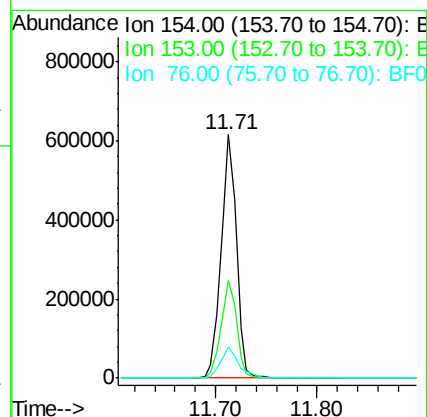
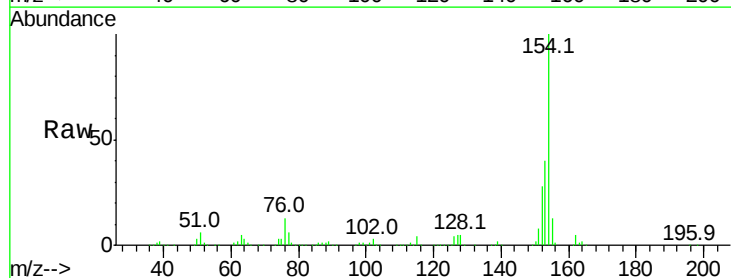
mohammad

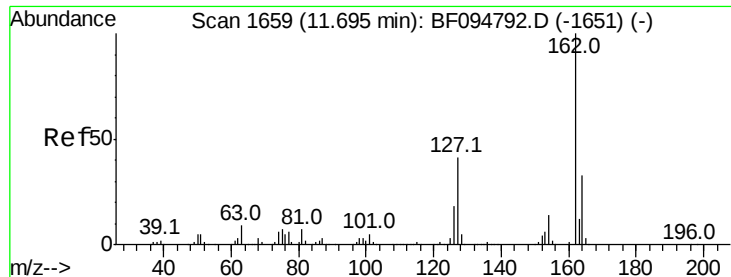
5/18/2017 2:29:18 PM



#45
1,1'-Biphenyl
Concen: 45.19 ng
RT: 11.71 min Scan# 1662
Delta R.T. 0.03 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion:154 Resp: 652745
Ion Ratio Lower Upper
154 100
153 40.2 21.2 61.2
76 12.9 0.0 29.9





#46
 2-Chloronaphthalene
 Concen: 44.95 ng
 RT: 11.73 min Scan# 1665
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

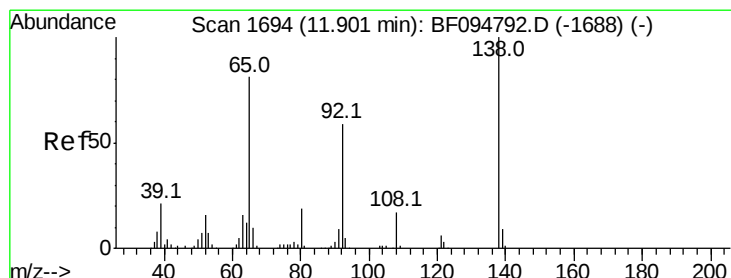
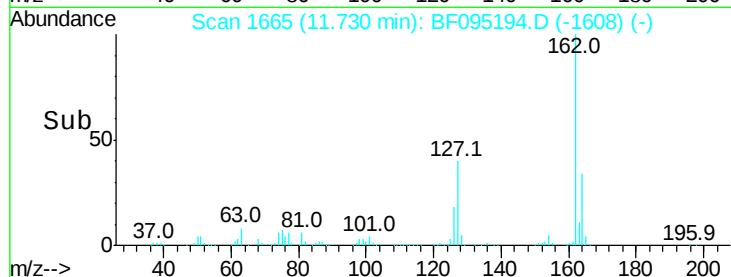
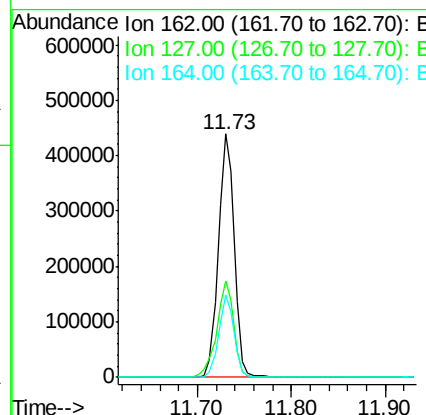
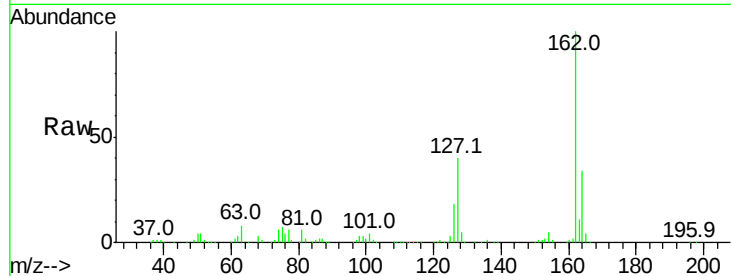
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	28.3	42.5
164	33.7	27.0	40.4

Manual Integrations
 APPROVED

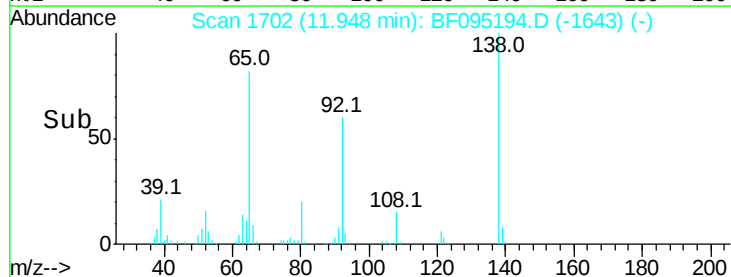
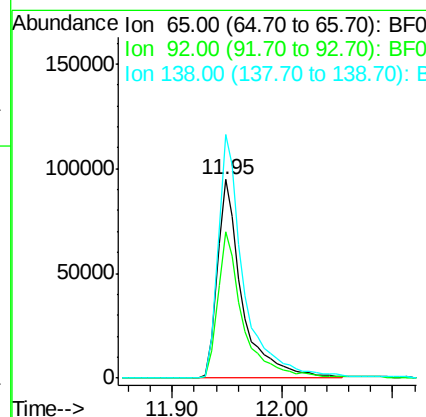
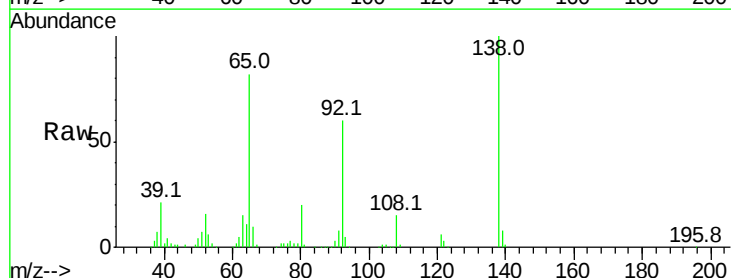
mohammad

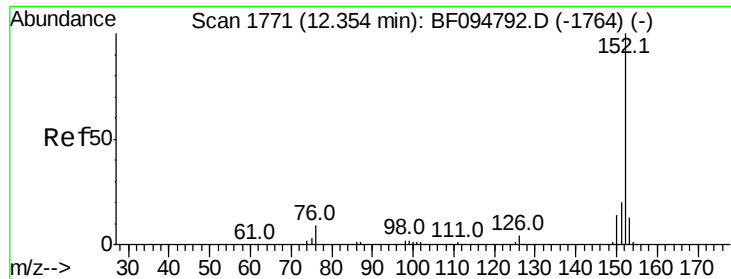
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#47
 2-Nitroaniline
 Concen: 46.18 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	53.9	80.9
138	122.5	78.8	118.2#





#48

Acenaphthylene

Concen: 45.37 ng

RT: 12.39 min Scan# 1777

Delta R.T. 0.04 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Instrument :

BNA_F

ClientSampleId :

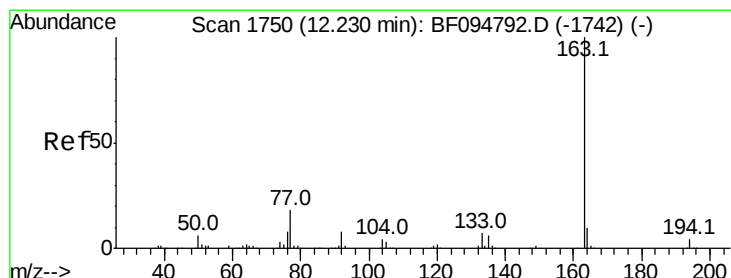
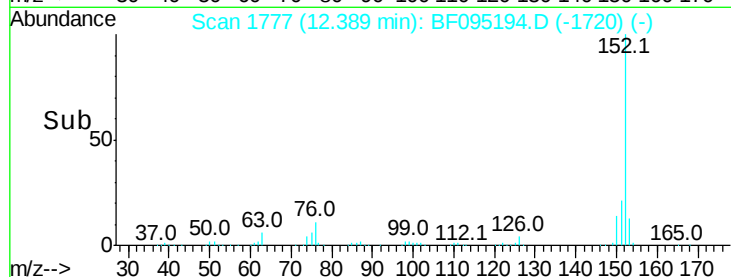
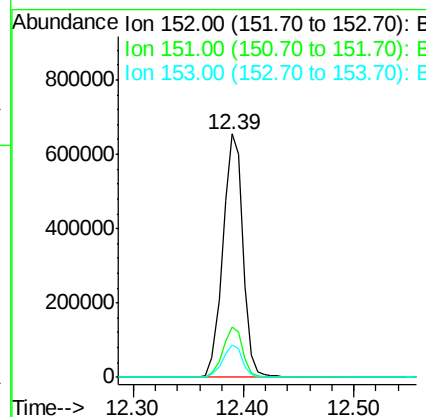
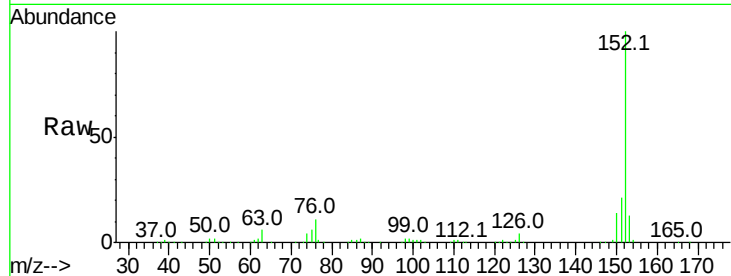
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.5	10.8	16.2

Manual Integrations
APPROVED

mohammad

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#49

Dimethylphthalate

Concen: 54.90 ng

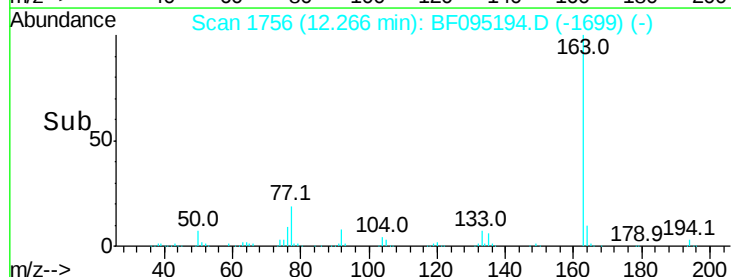
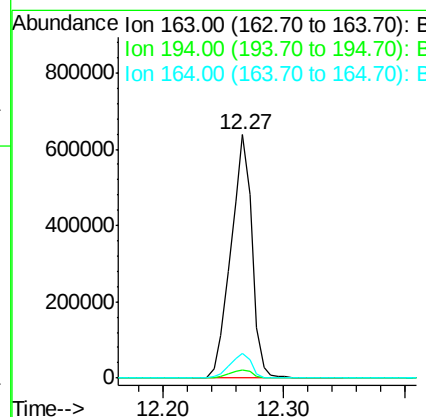
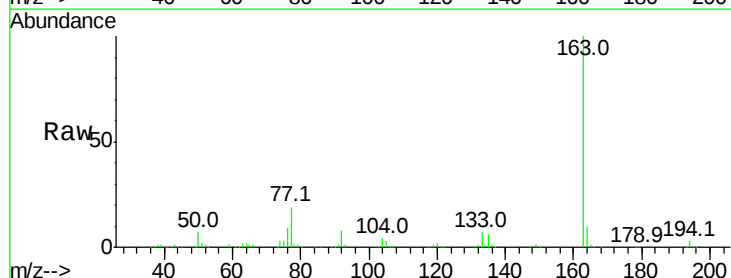
RT: 12.27 min Scan# 1756

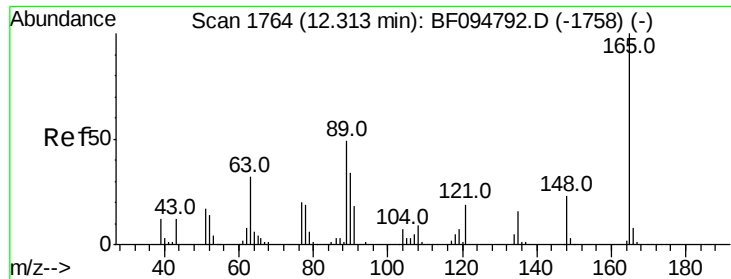
Delta R.T. 0.04 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6





#50
2,6-Dinitrotoluene
Concen: 47.80 ng
RT: 12.36 min Scan# 1772
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

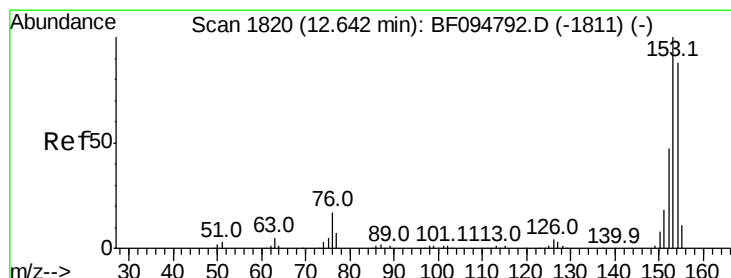
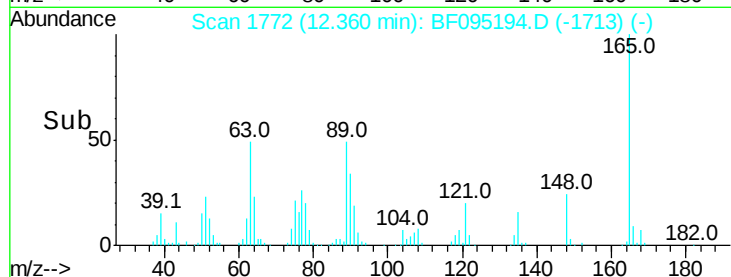
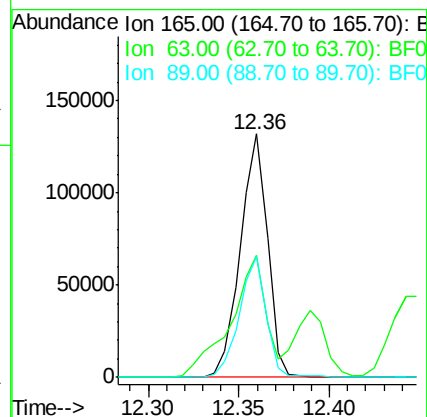
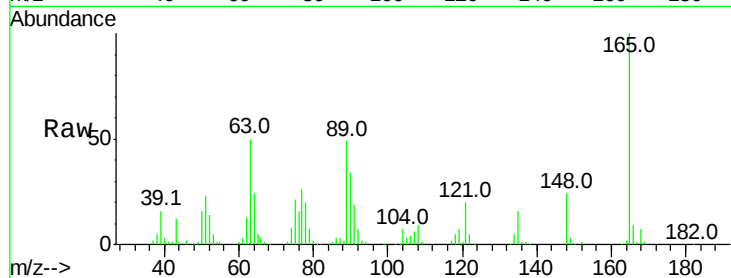
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.0	34.3	51.5
89	49.4	37.1	55.7

Manual Integrations
APPROVED

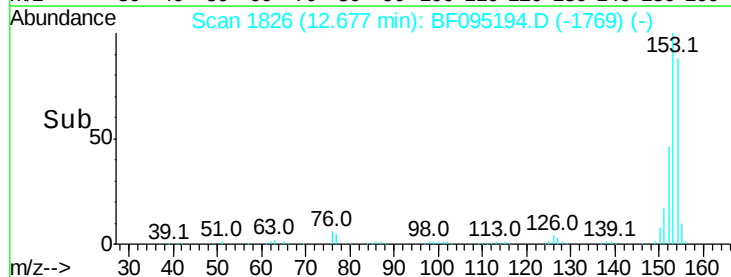
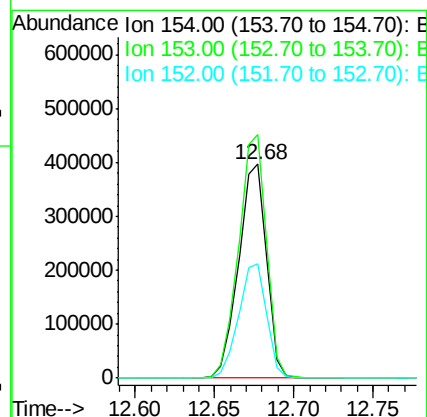
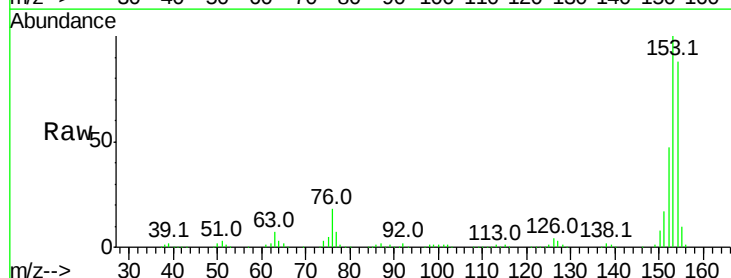
mohammad

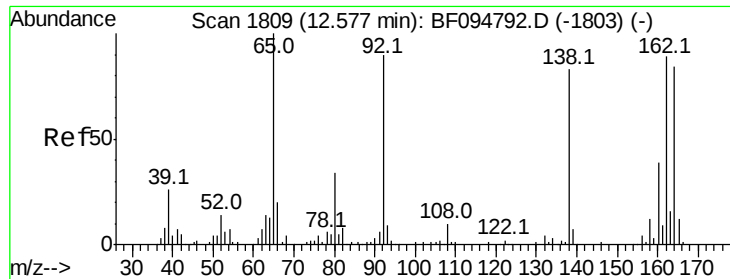
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#51
Acenaphthene
Concen: 44.08 ng
RT: 12.68 min Scan# 1826
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	114.0	90.5	135.7
152	53.3	43.6	65.4





#52
3-Nitroaniline
Concen: 29.71 ng
RT: 12.64 min Scan# 1819
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

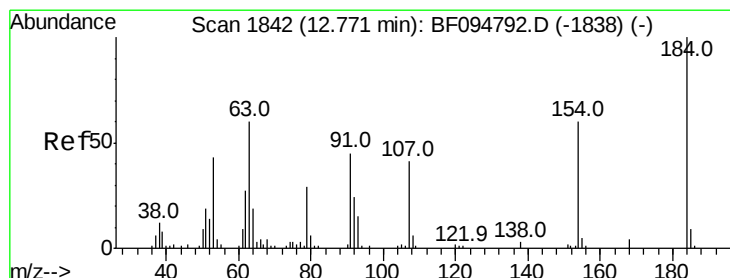
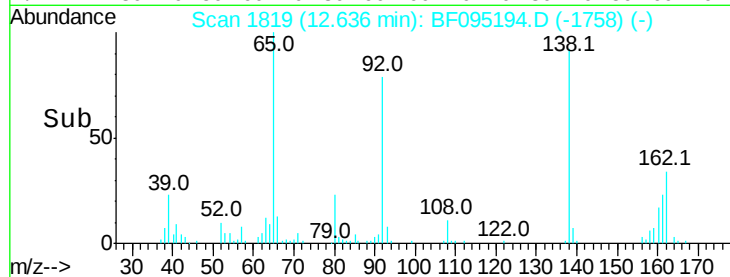
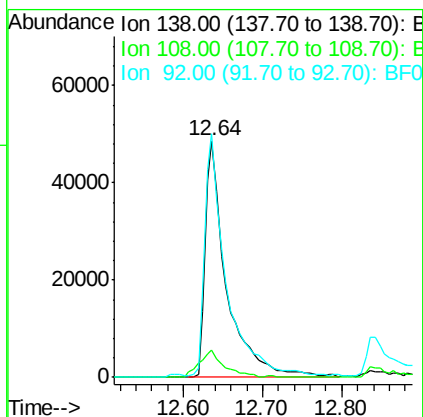
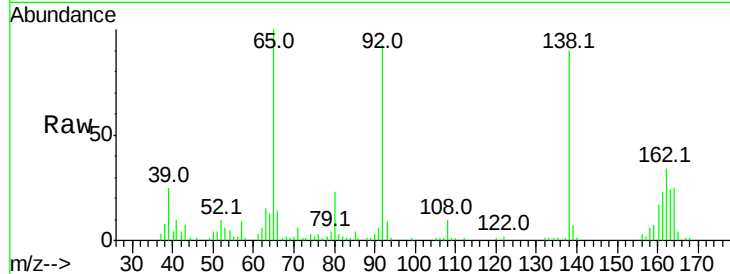
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.1	13.7
92	103.0	93.8	140.6

Manual Integrations
APPROVED

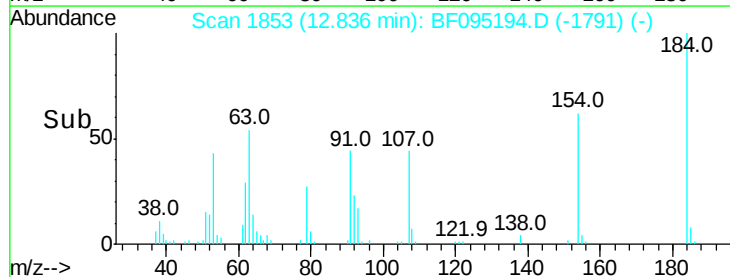
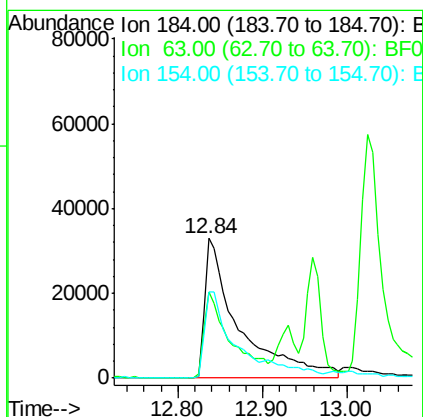
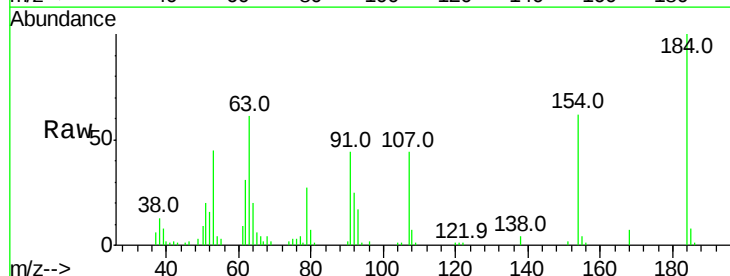
mohammad

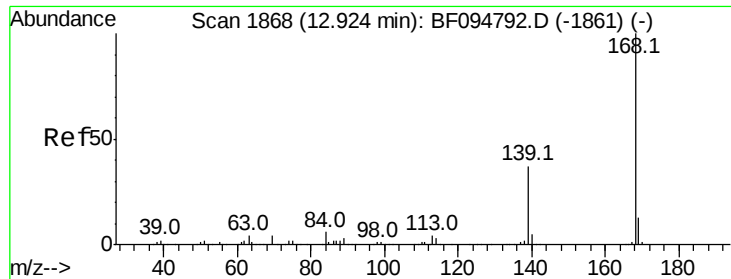
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#53
2,4-Dinitrophenol
Concen: 60.33 ng
RT: 12.84 min Scan# 1853
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	62.7	94.1#
154	61.8	81.1	121.7#





#54
Dibenzofuran
Concen: 49.70 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

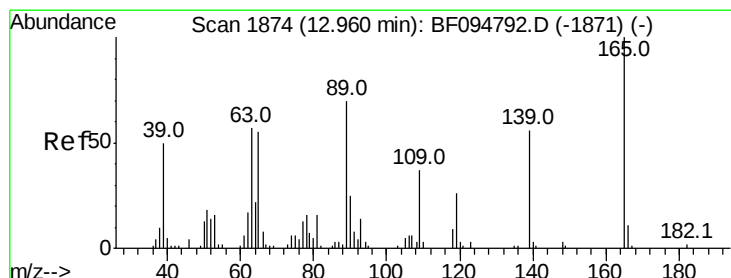
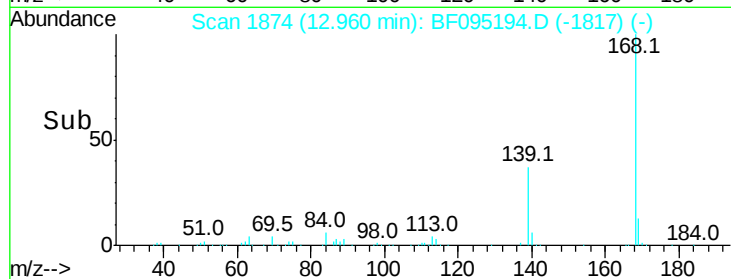
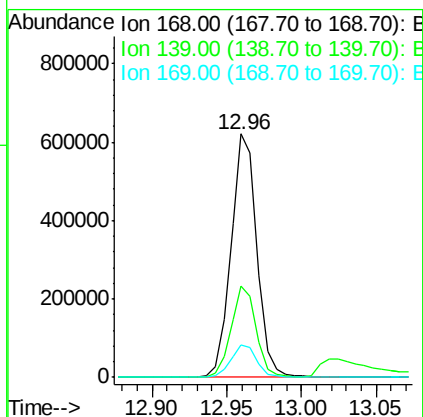
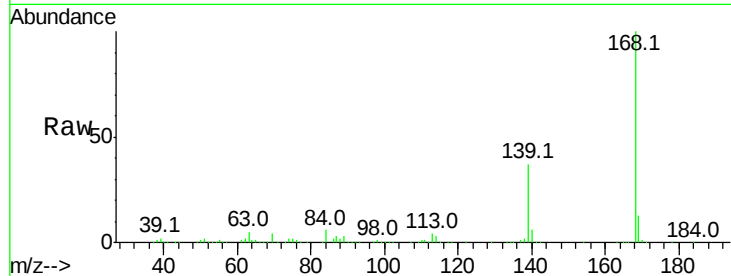
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.6	45.8
169	13.1	10.8	16.2

Manual Integrations
APPROVED

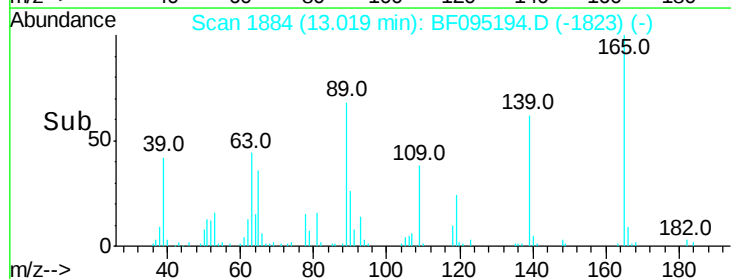
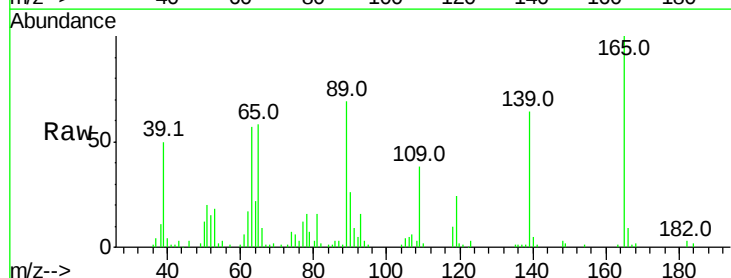
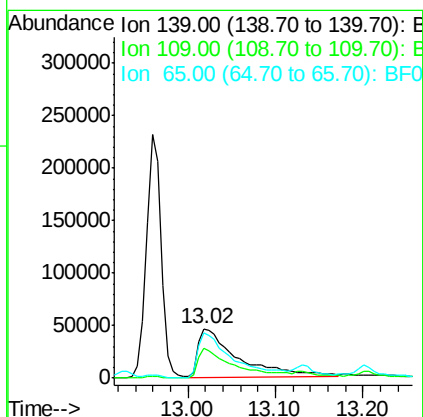
mohammad

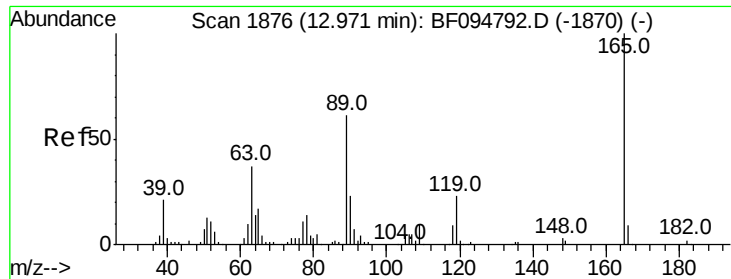
5/18/2017 2:29:18 PM



#55
4-Nitrophenol
Concen: 79.34 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.0	34.1	74.1
65	90.2	31.4	71.4





#56
2,4-Dinitrotoluene
Concen: 51.48 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

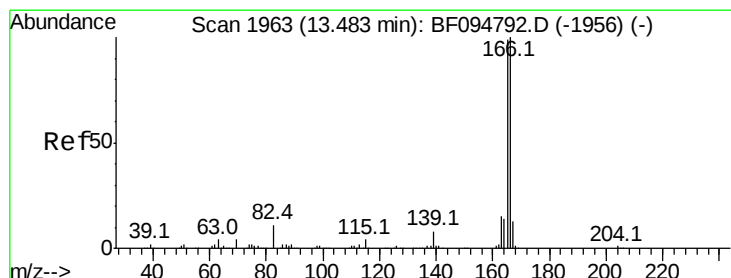
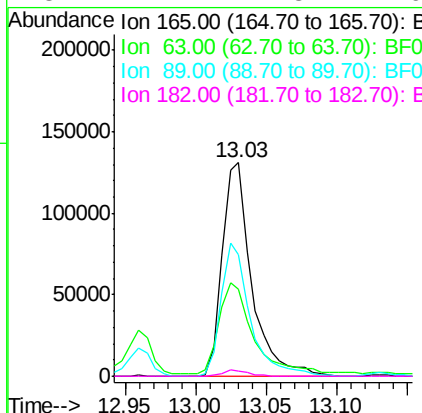
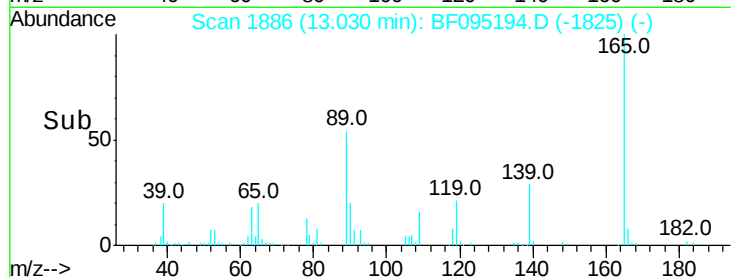
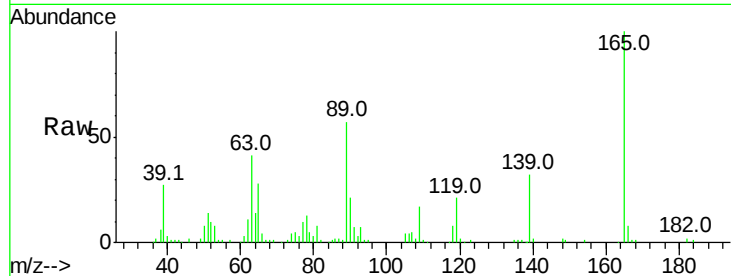
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.6	25.4	38.0	
89	56.8	46.4	69.6	
182	2.4	1.8	2.6	

Manual Integrations
APPROVED

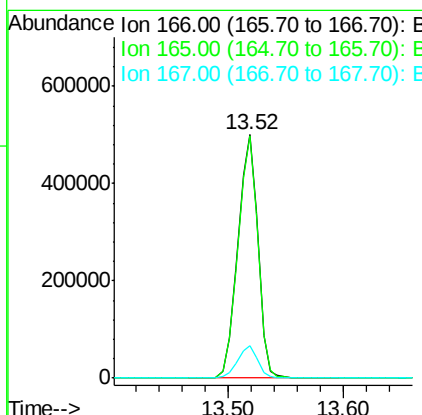
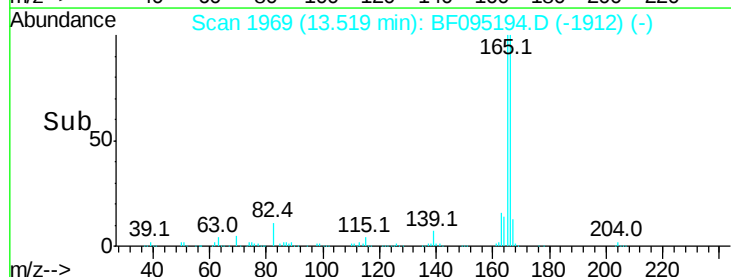
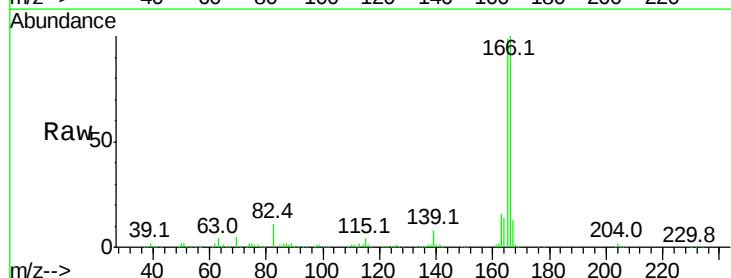
mohammad

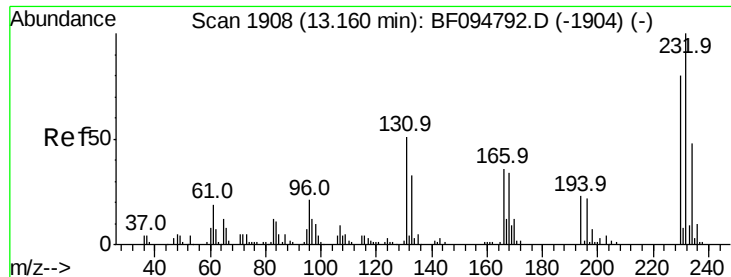
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#57
Fluorene
Concen: 45.74 ng
RT: 13.52 min Scan# 1969
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	78.8	118.2	
167	13.1	10.6	16.0	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.85 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

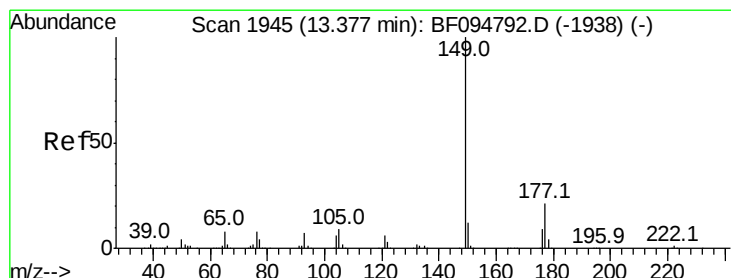
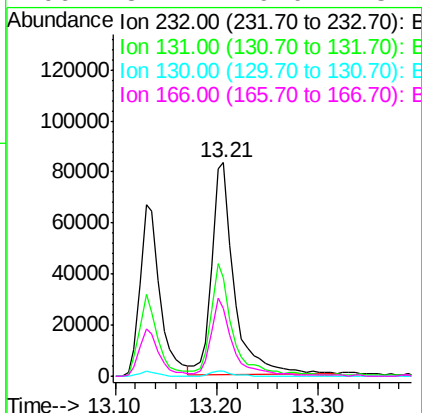
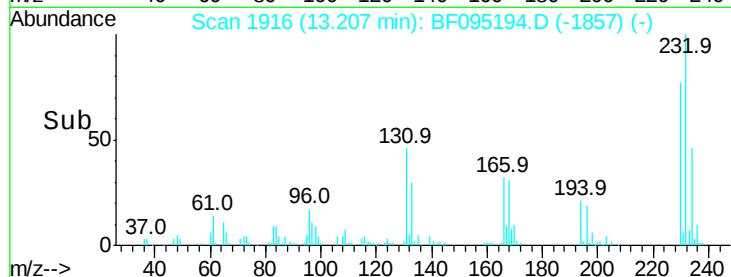
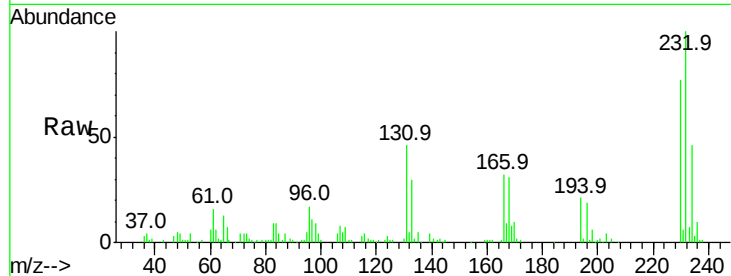
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	128331		
131	50.1	44.8	67.2	
130	2.2	2.3	3.5	
166	34.1	29.0	43.4	

Manual Integrations
 APPROVED

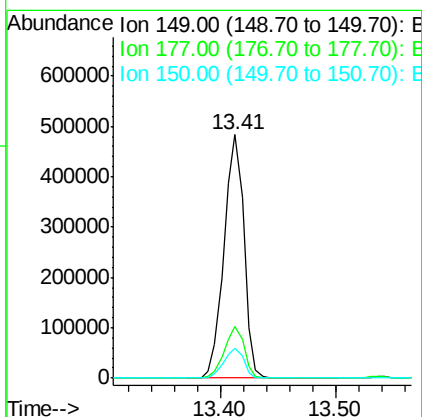
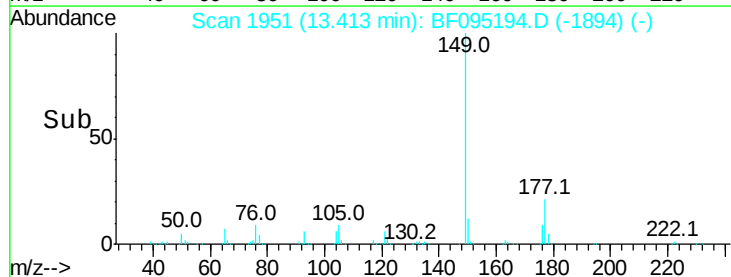
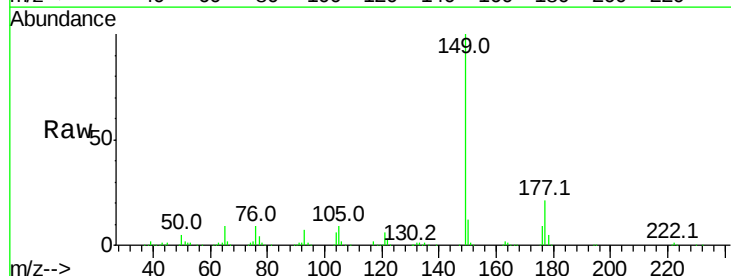
mohammad

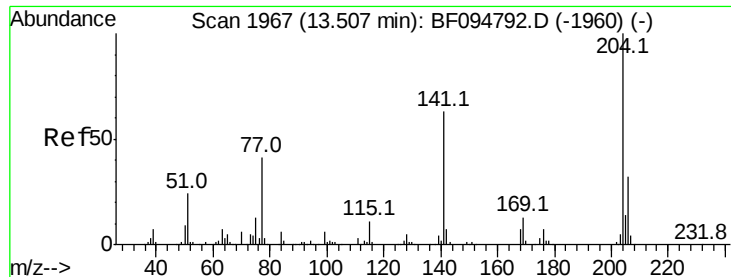
5/18/2017 2:29:18 PM



#59
 Diethylphthalate
 Concen: 42.86 ng
 RT: 13.41 min Scan# 1951
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	578665		
177	21.1	16.7	25.1	
150	12.1	10.2	15.2	





#60
4-Chlorophenyl-phenylether
Concen: 45.07 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

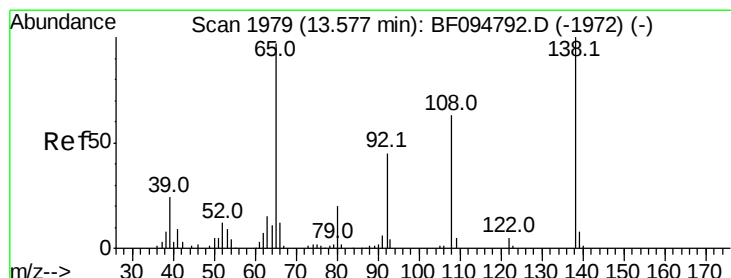
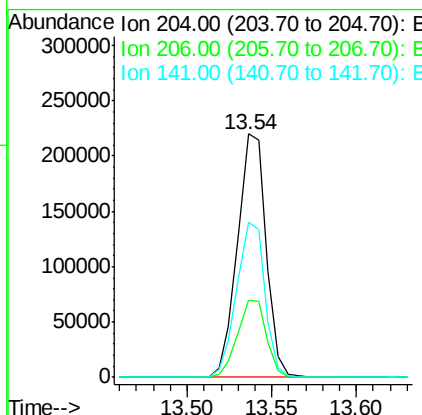
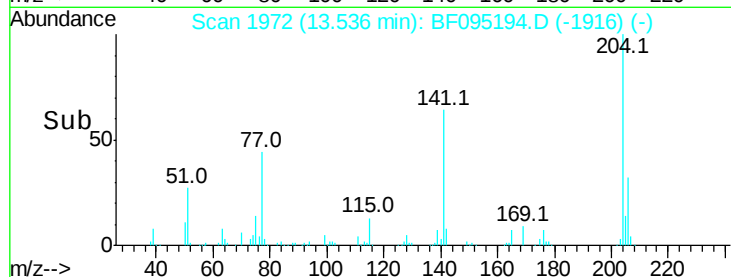
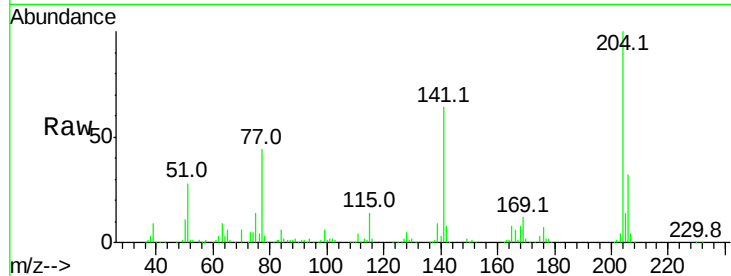
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	63.7	60.8	91.2

Manual Integrations
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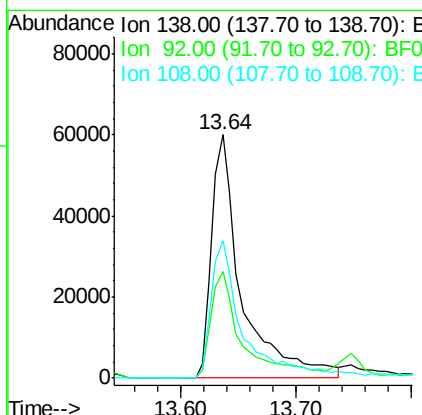
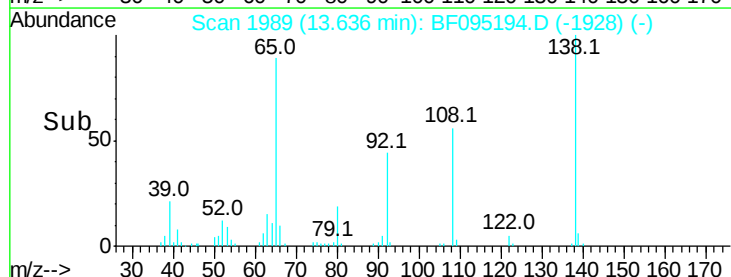
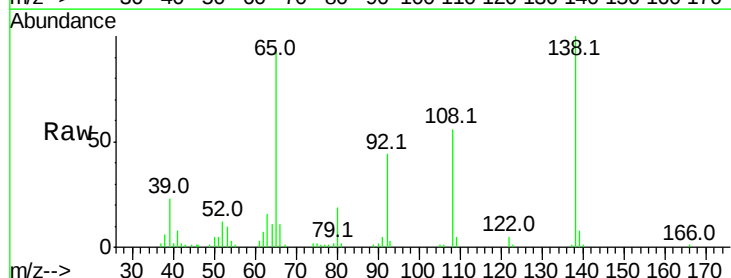
mohammad

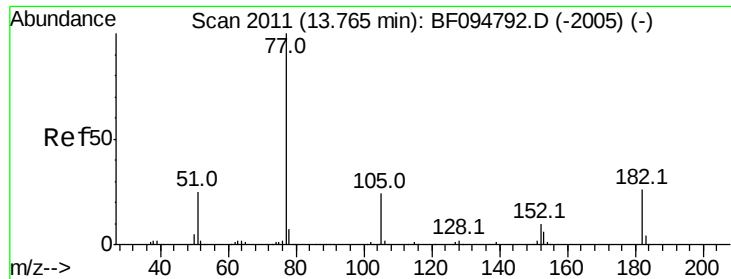
5/18/2017 2:29:18 PM



#61
4-Nitroaniline
Concen: 38.62 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.9	21.8	61.8
108	56.4	42.3	82.3





#62

Azobenzene

Concen: 51.76 ng

RT: 13.79 min Scan# 2016

Delta R.T. 0.03 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Instrument :

BNA_F

ClientSampleId :

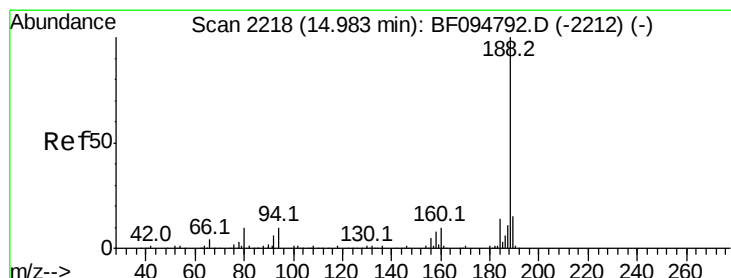
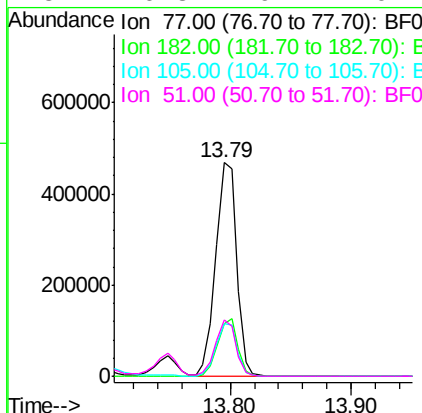
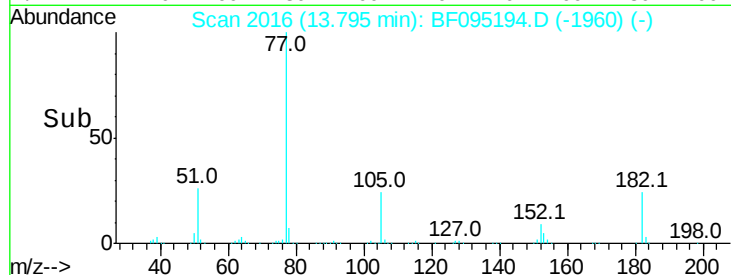
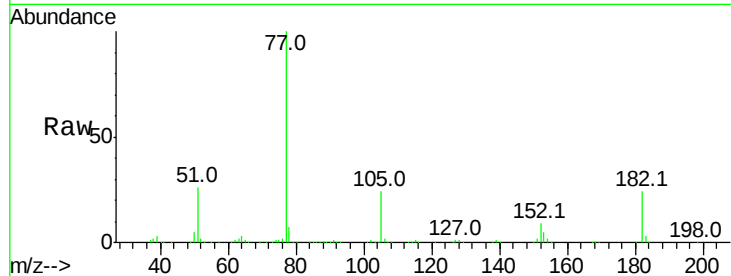
E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.3	0.1	40.1	
105	24.3	3.6	43.6	
51	26.3	9.4	49.4	

Manual Integrations
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mohammad

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#63

Phenanthrene-d10

Concen: 20.00 ng

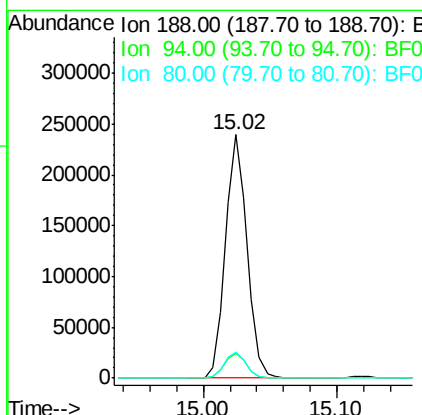
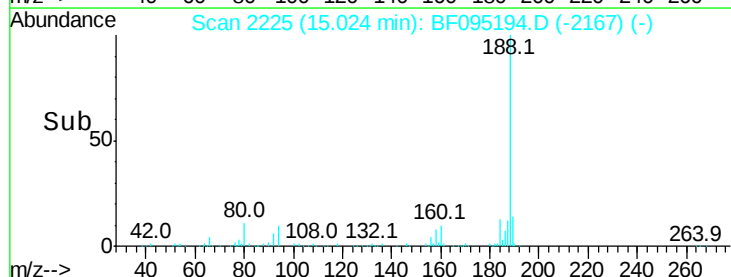
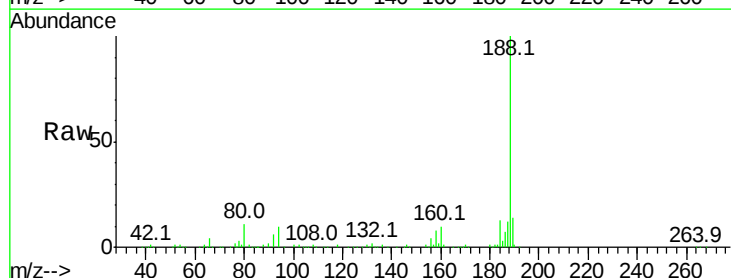
RT: 15.02 min Scan# 2225

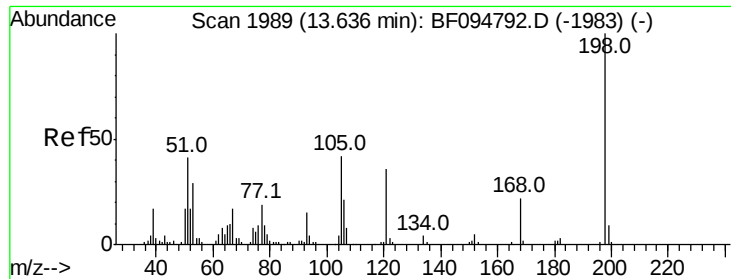
Delta R.T. 0.04 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	9.4	14.2	
80	10.6	10.2	15.2	





#64
4,6-Dinitro-2-methylphenol
Concen: 51.11 ng
RT: 13.70 min Scan# 1999
Delta R.T. 0.06 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

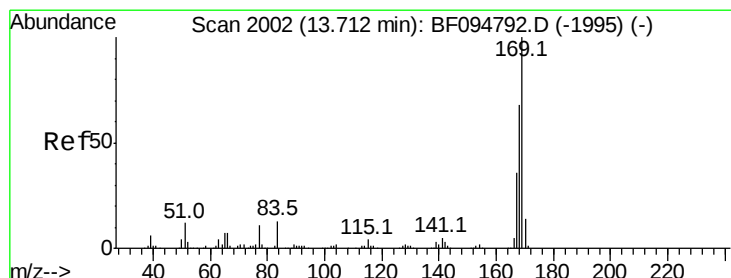
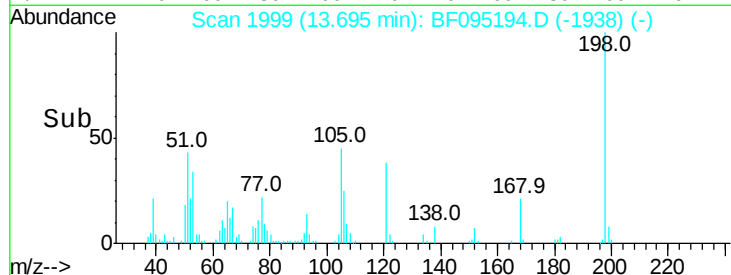
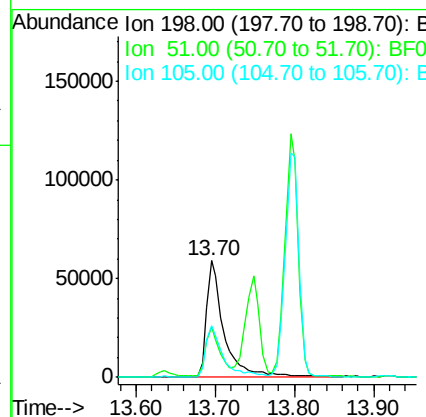
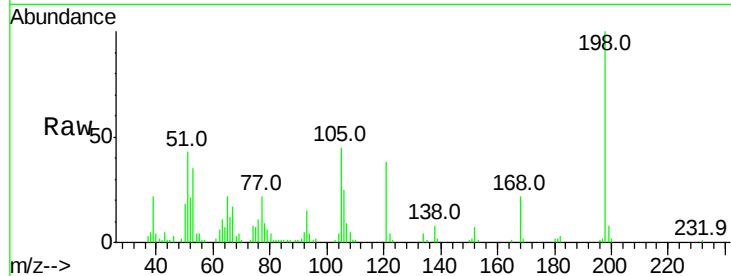
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.2	53.2	93.2#
105	44.8	45.8	85.8#

Manual Integrations
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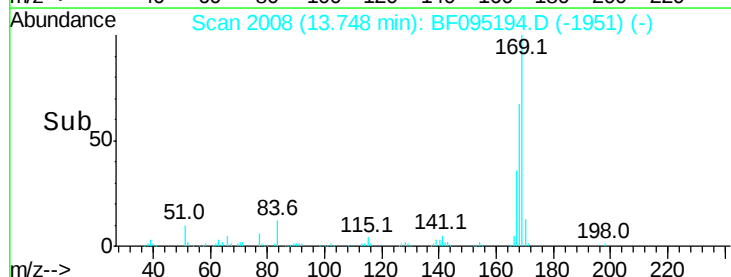
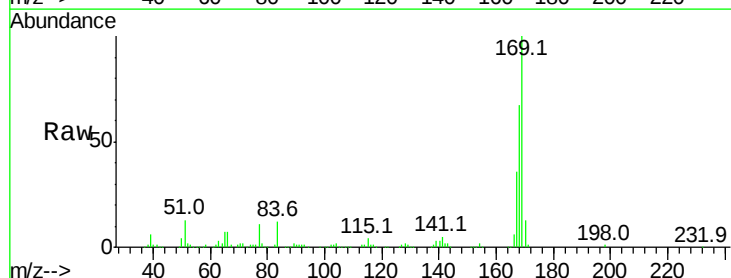
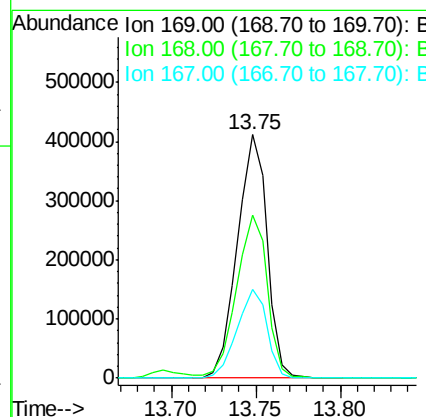
mohammad

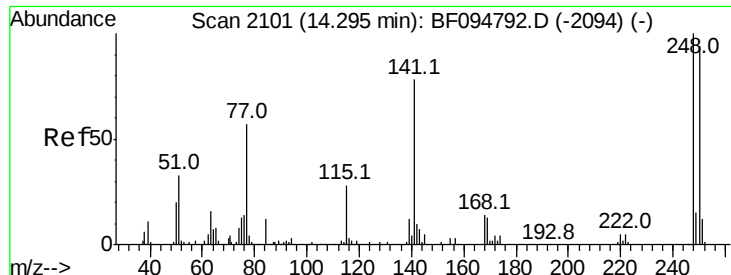
5/18/2017 2:29:18 PM



#65
n-Nitrosodiphenylamine
Concen: 50.72 ng
RT: 13.75 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.2	79.8
167	36.3	29.5	44.3





#66
4-Bromophenyl-phenylether
Concen: 47.60 ng
RT: 14.32 min Scan# 2106
Delta R.T. 0.03 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

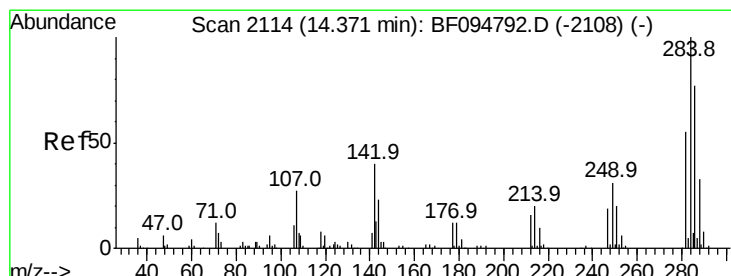
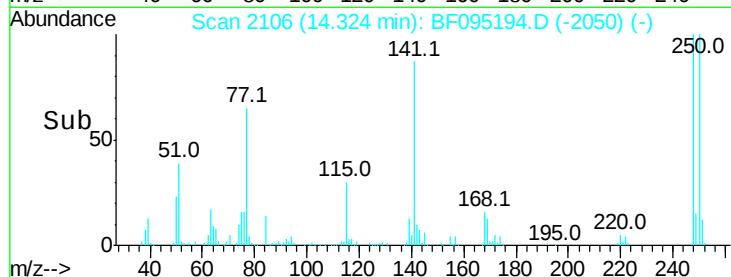
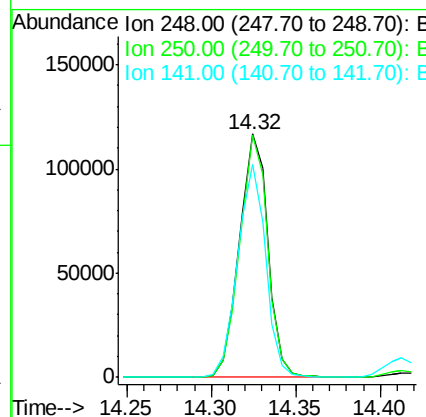
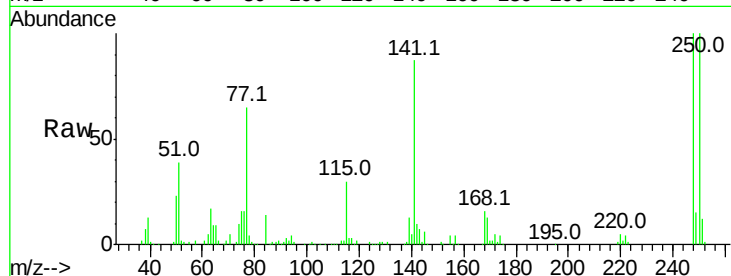
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.8	115.2
141	87.5	68.6	103.0

Manual Integrations
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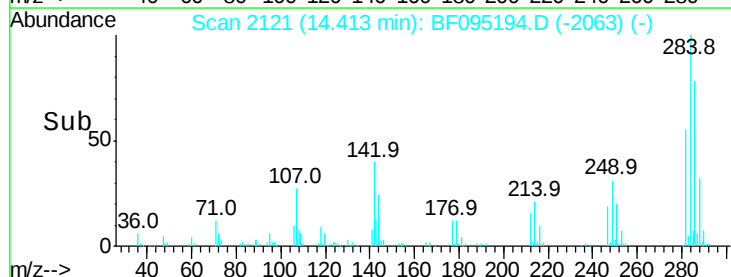
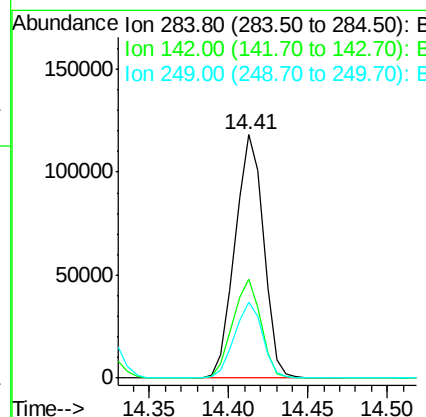
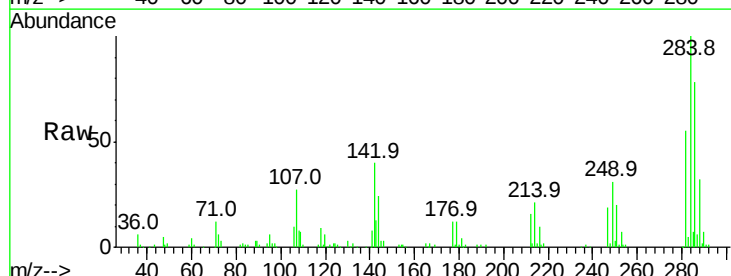
mohammad

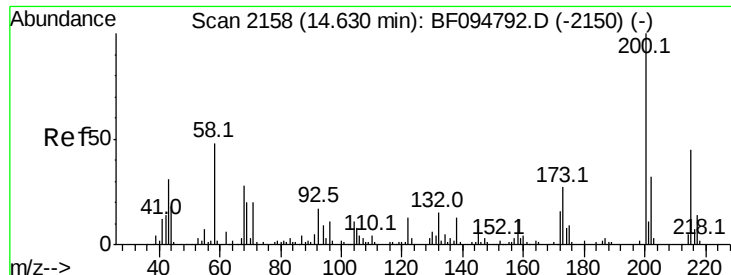
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#67
Hexachlorobenzene
Concen: 49.86 ng
RT: 14.41 min Scan# 2121
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.4	22.8	34.2#
249	31.3	24.0	36.0





#68
Atrazine
Concen: 47.53 ng
RT: 14.67 min Scan# 2165
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

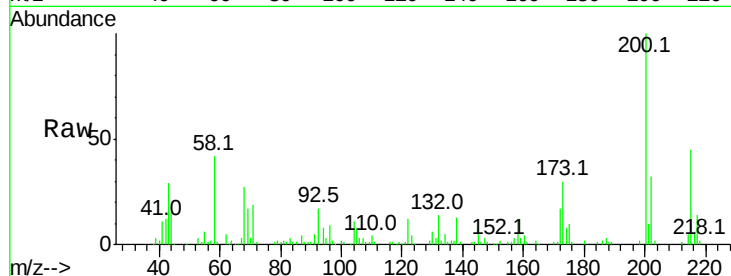
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.9	6.3	46.3
215	45.3	27.2	67.2

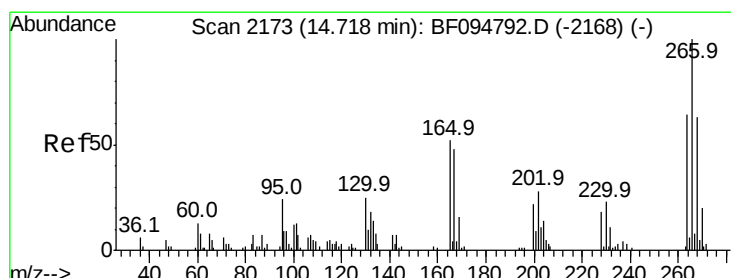
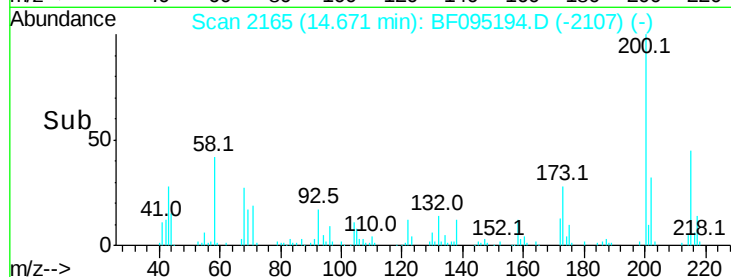
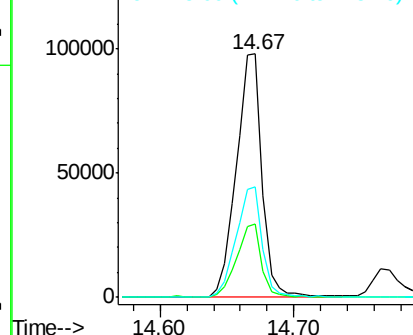
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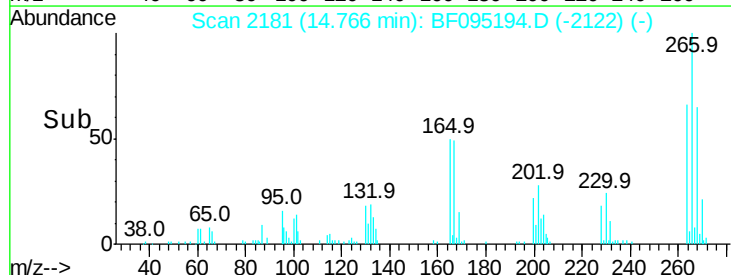
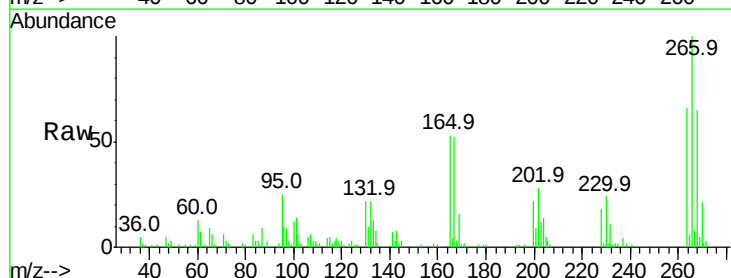
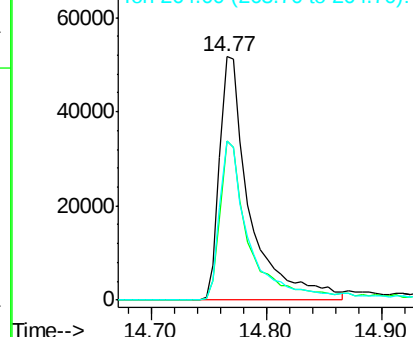
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

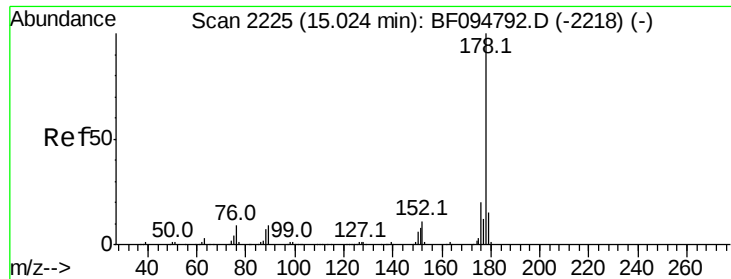


#69
Pentachlorophenol
Concen: 71.13 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	65.5	51.7	77.5

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#70
Phenanthrene
Concen: 46.31 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

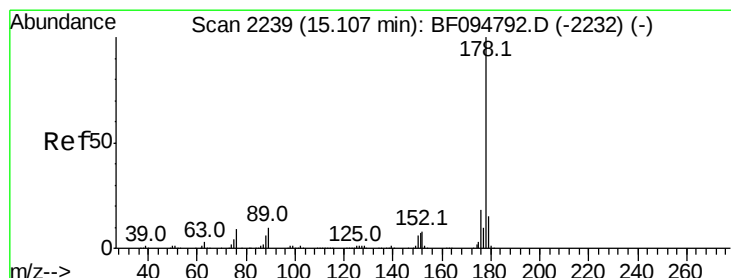
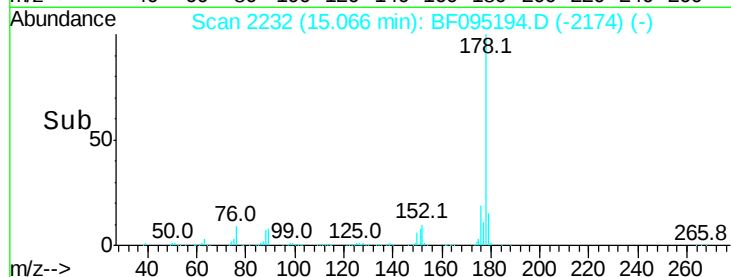
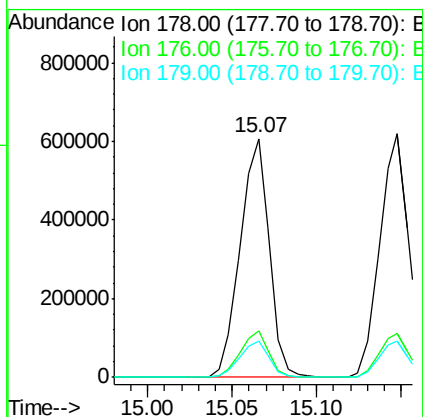
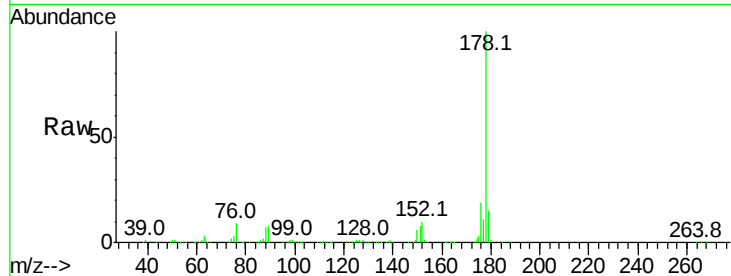
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.0	12.6	19.0

Manual Integrations
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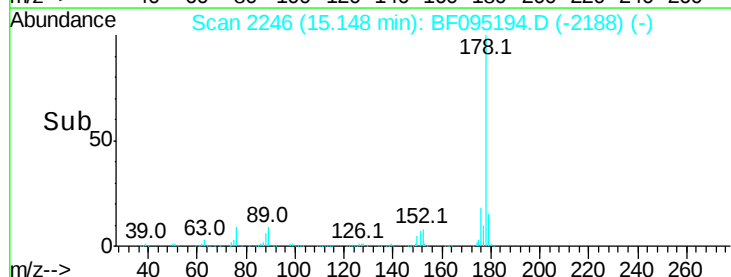
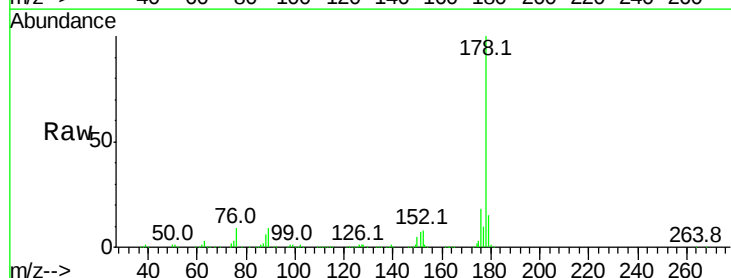
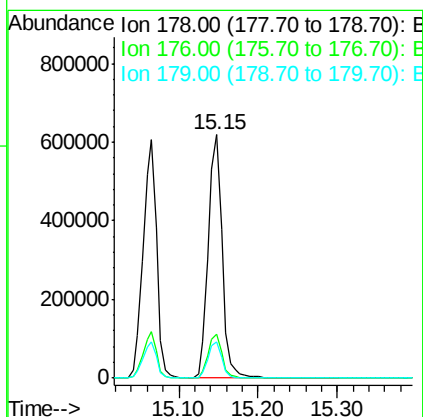
mohammad

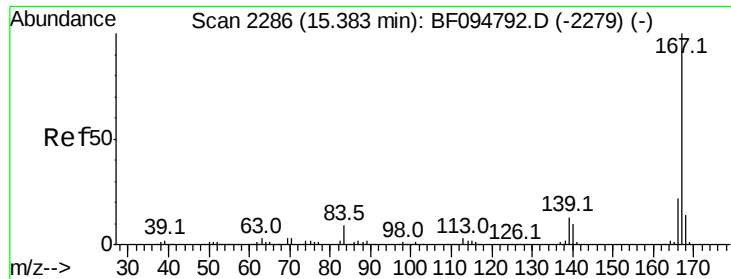
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#71
Anthracene
Concen: 47.32 ng
RT: 15.15 min Scan# 2246
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.0	12.7	19.1





#72
 Carbazole
 Concen: 49.36 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

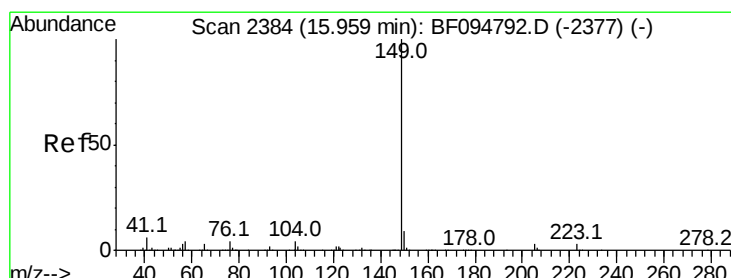
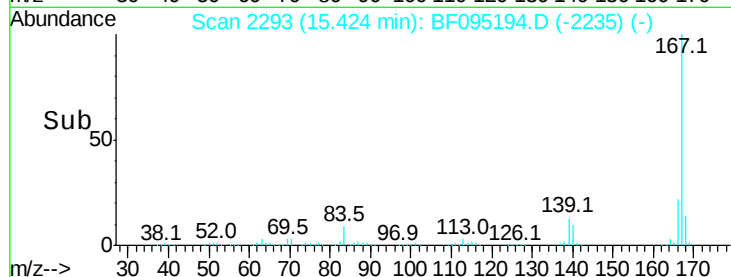
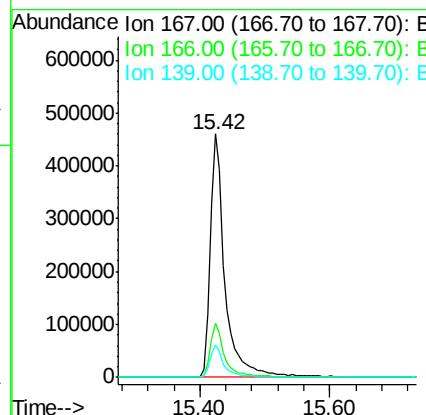
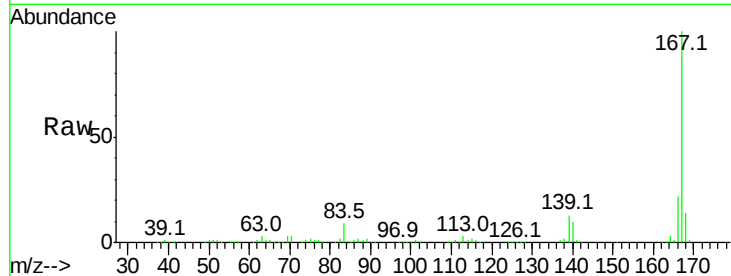
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.0	18.1	27.1	
139	13.2	11.7	17.5	

Manual Integrations
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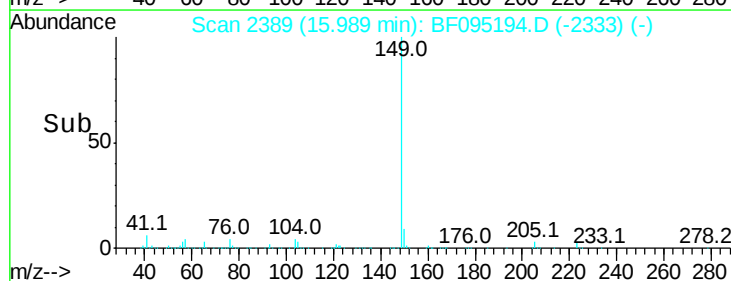
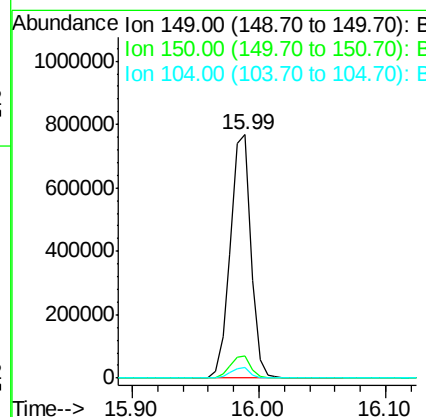
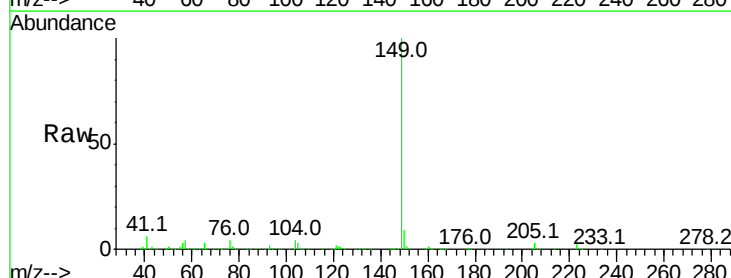
mohammad

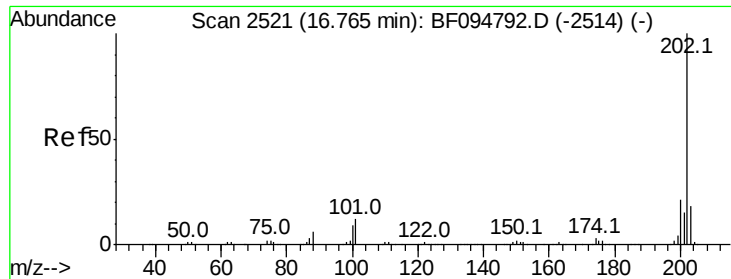
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#73
 Di-n-butylphthalate
 Concen: 47.39 ng
 RT: 15.99 min Scan# 2389
 Delta R.T. 0.03 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.7	11.5	
104	4.3	4.0	6.0	





#74
 Fluoranthene
 Concen: 53.02 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

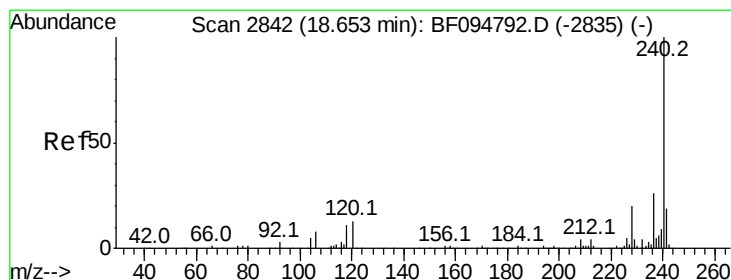
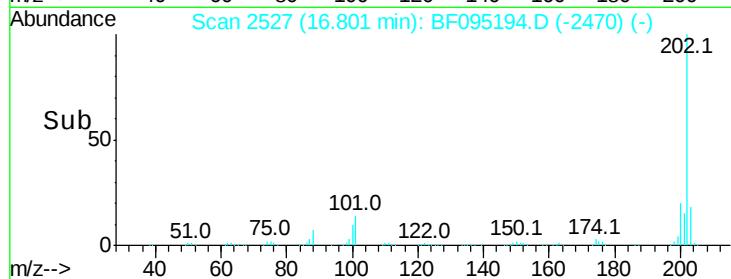
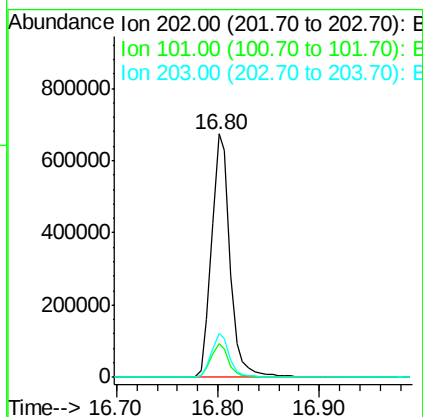
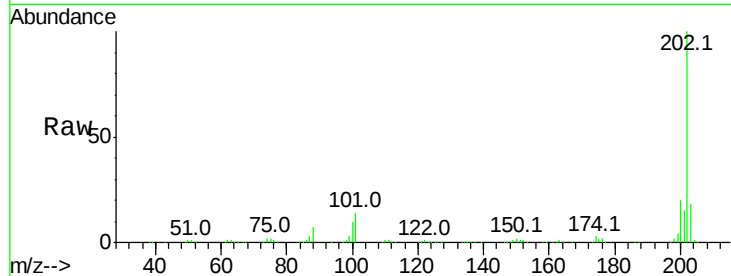
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	855124		
101	13.6	0.0	33.2	
203	17.8	0.0	38.1	

Manual Integrations
 APPROVED

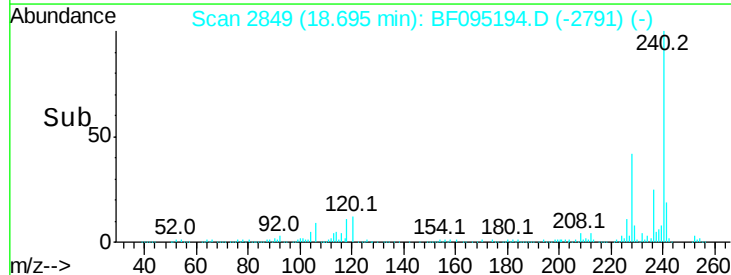
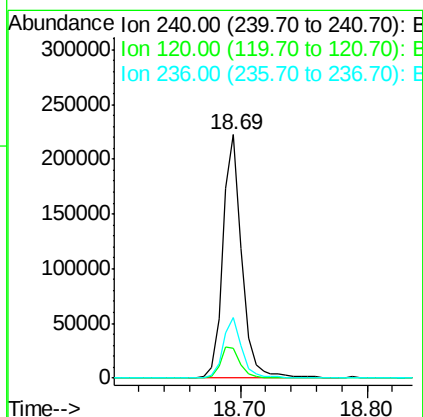
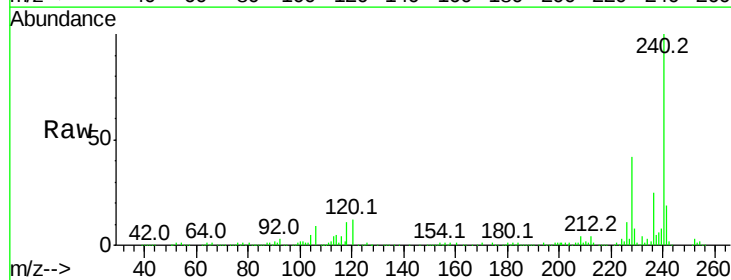
mohammad

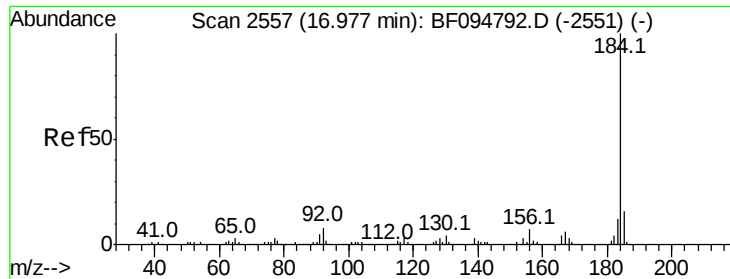
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	230341		
120	12.2	5.8	8.8#	
236	24.7	20.5	30.7	





#76
Benzidine
Concen: 37.66 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

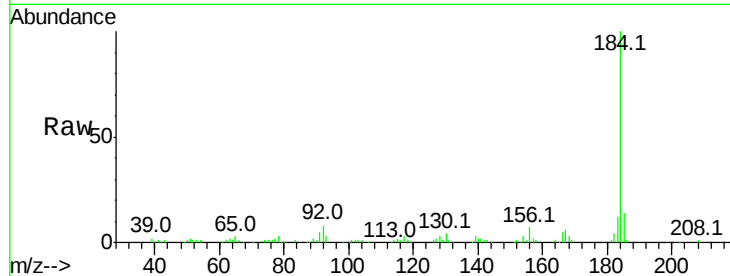
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.7	15.5	23.3#
183	12.1	9.8	14.6

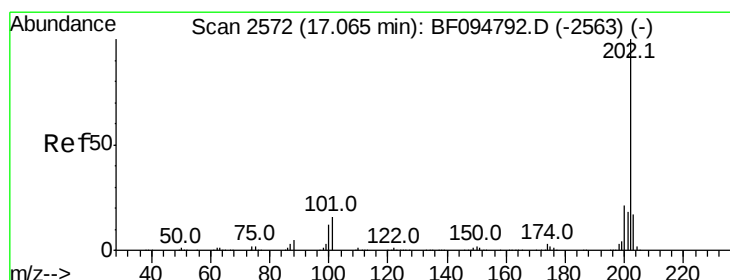
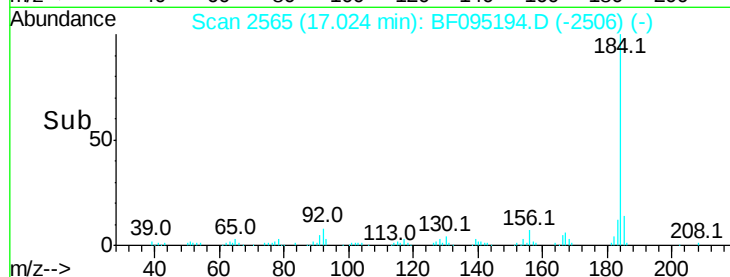
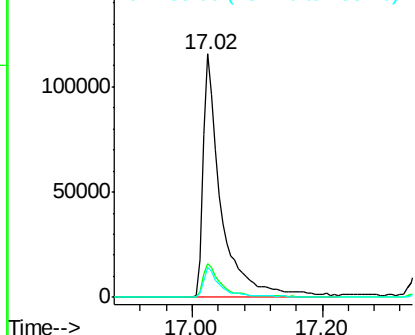
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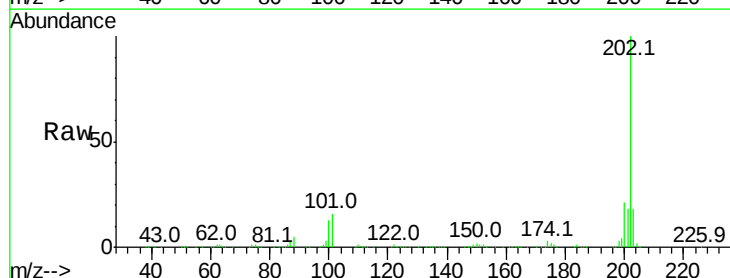


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

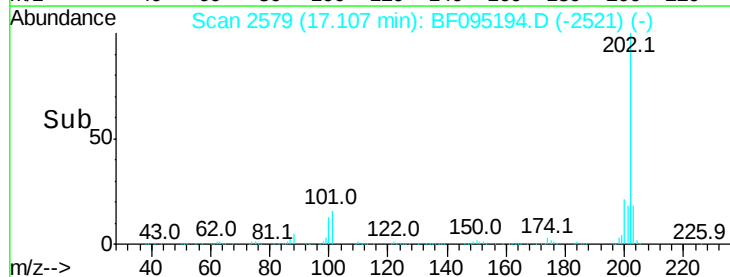
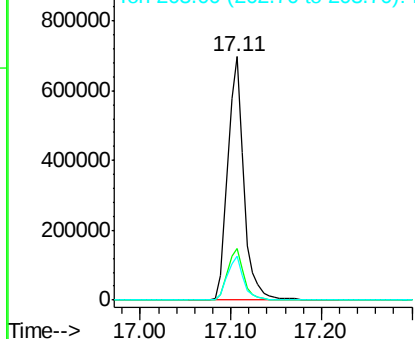


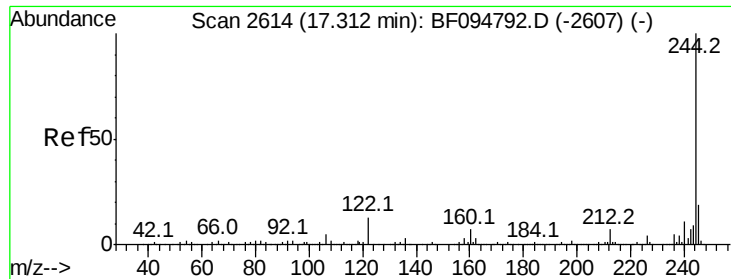
#77
Pyrene
Concen: 49.77 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.8	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78
 Terphenyl-d14
 Concen: 87.89 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. 0.03 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

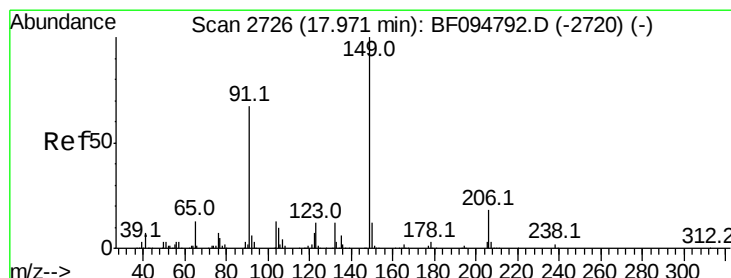
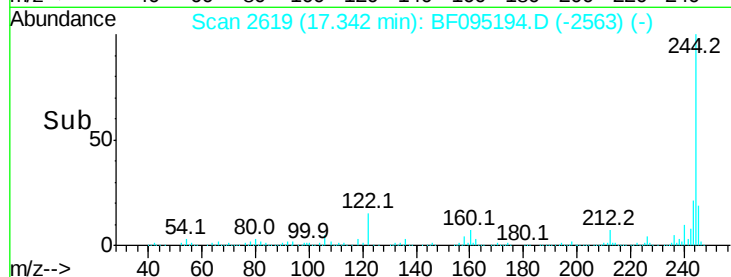
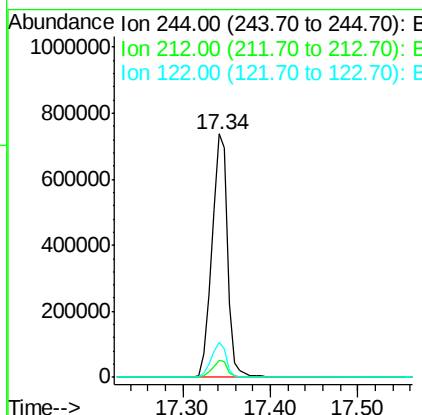
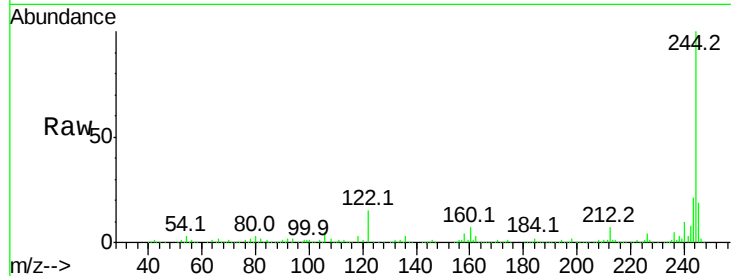
Instrument :
 BNA_F
 ClientSampleId :
 E2-R3-WSWMS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	6.0	9.0	
122	14.5	10.3	15.5	

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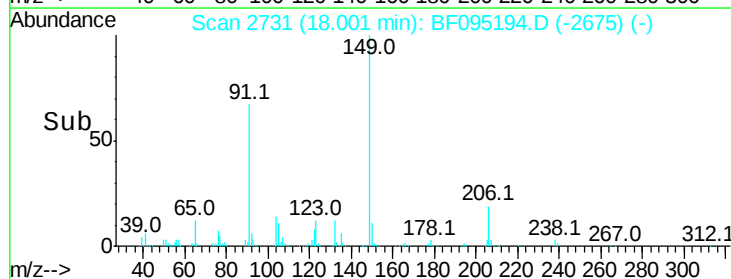
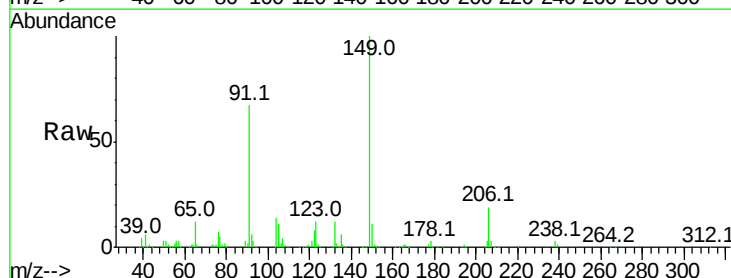
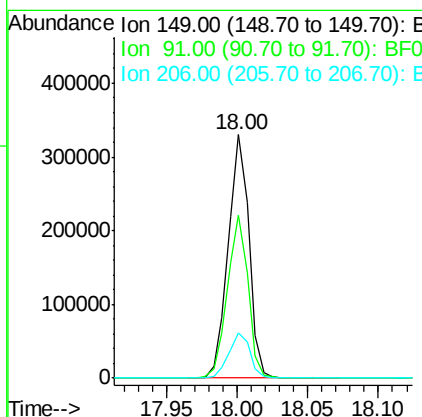
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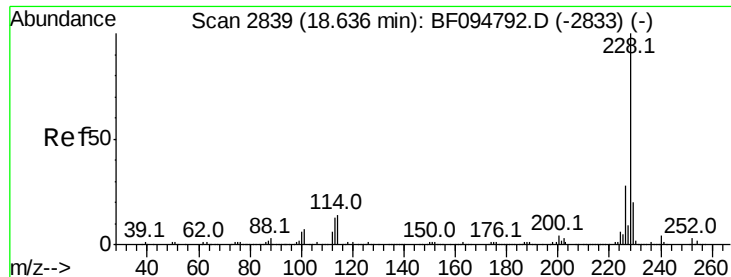
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#79
 Butylbenzylphthalate
 Concen: 42.38 ng
 RT: 18.00 min Scan# 2731
 Delta R.T. 0.03 min
 Lab File: BF095194.D
 Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	66.9	45.0	67.4	
206	18.6	17.0	25.6	





#80
Benzo(a)anthracene
Concen: 47.16 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

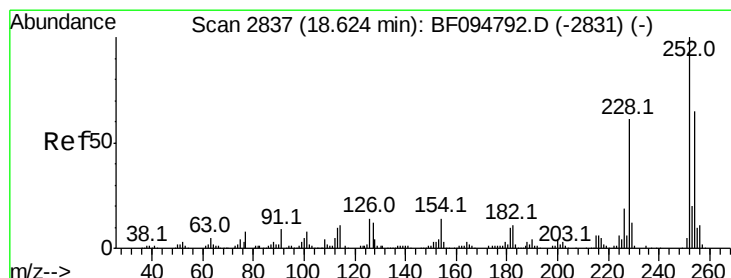
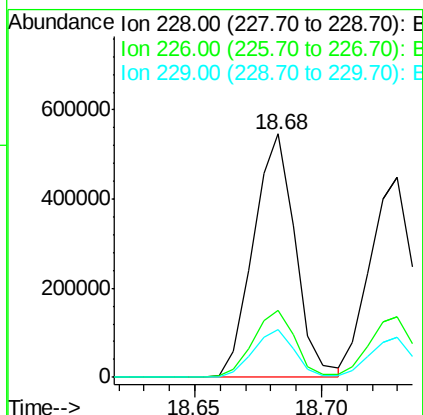
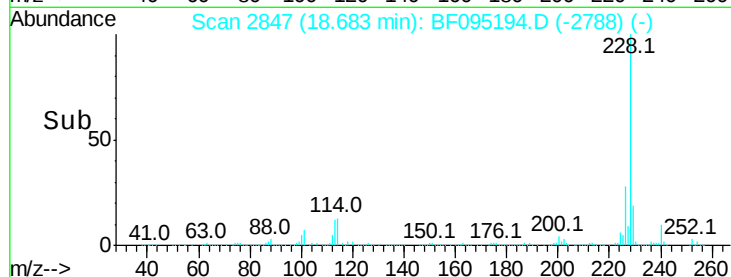
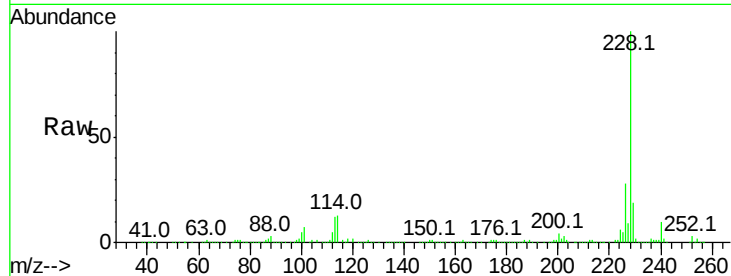
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.4	16.3	24.5

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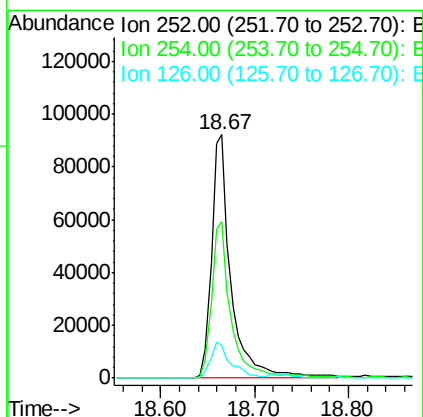
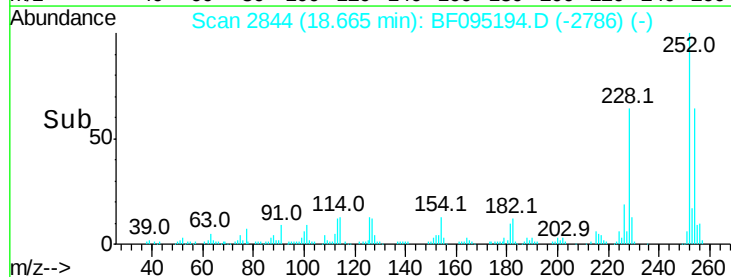
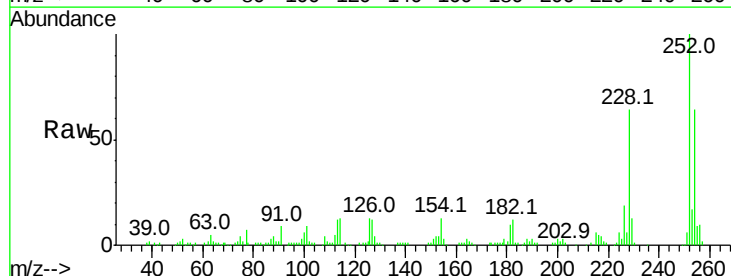
mohammad

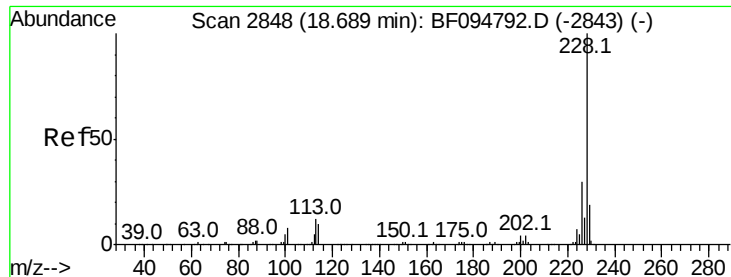
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#81
3,3'-Dichlorobenzidine
Concen: 29.09 ng
RT: 18.67 min Scan# 2844
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	13.2	15.8	23.8





#82

Chrysene

Concen: 43.80 ng

RT: 18.73 min Scan# 2855

Delta R.T. 0.04 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Instrument :

BNA_F

ClientSampleId :

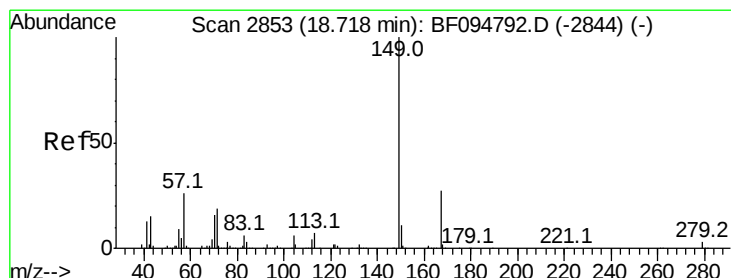
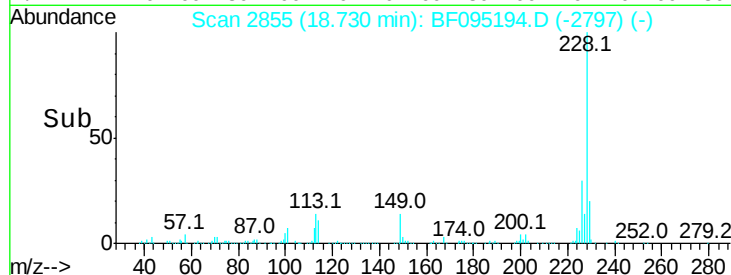
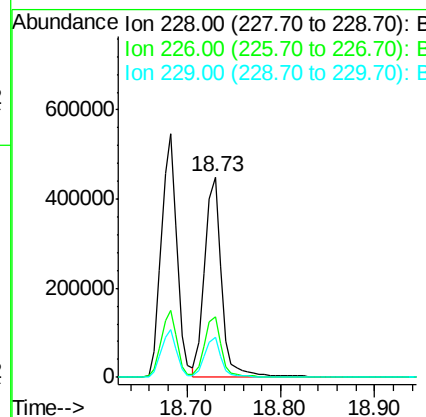
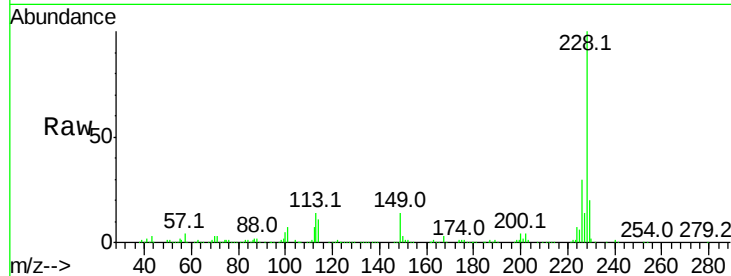
E2-R3-WSWMS

Tot Ion:	228	Resp:	567717
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	20.0	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.43 ng

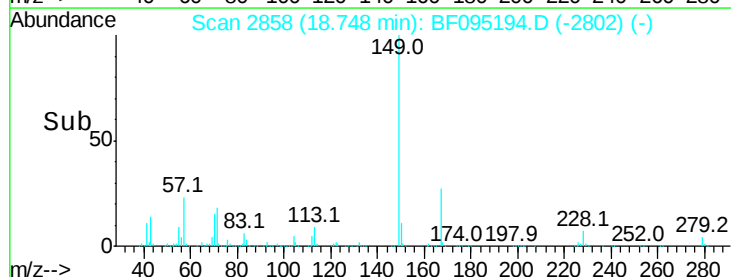
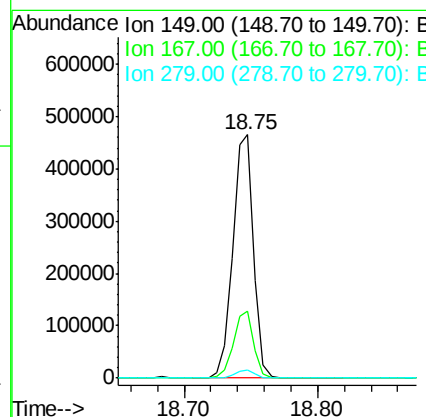
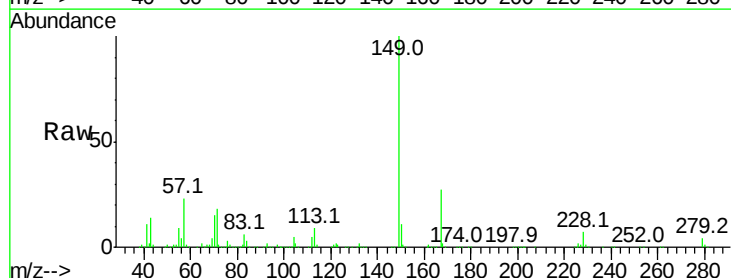
RT: 18.75 min Scan# 2858

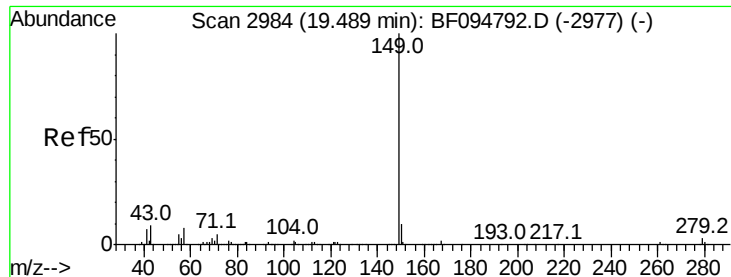
Delta R.T. 0.03 min

Lab File: BF095194.D

Acq: 17 May 2017 20:06

Tgt Ion:	149	Resp:	507242
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.0	31.4
279	3.5	1.9	2.9#





#84
Di-n-octyl phthalate
Concen: 42.29 ng
RT: 19.51 min Scan# 2988
Delta R.T. 0.02 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

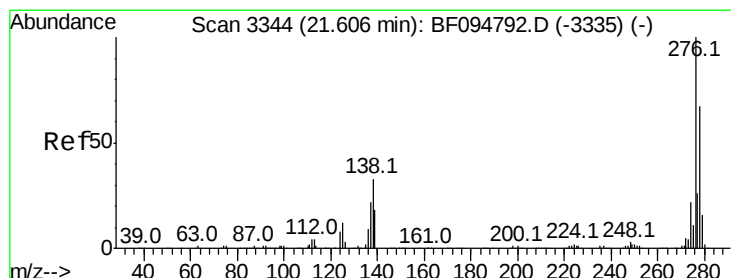
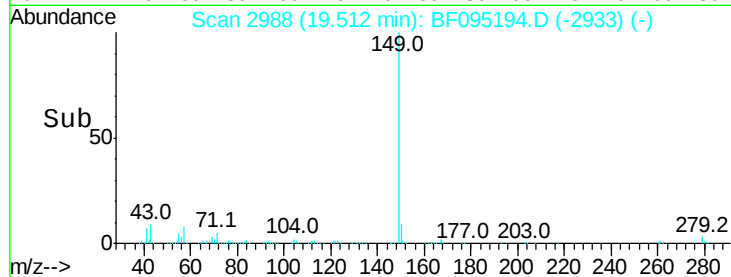
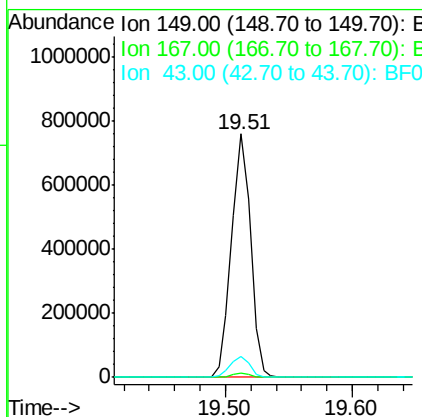
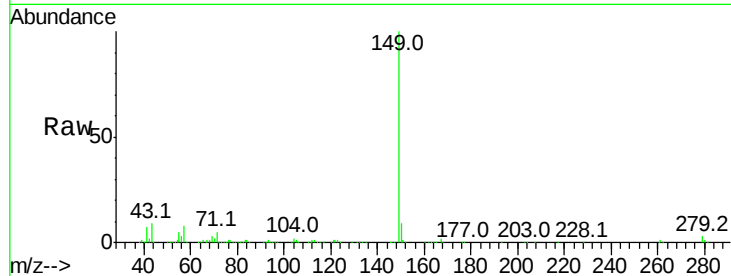
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion:	149	Resp:	791484
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.8	8.5	12.7

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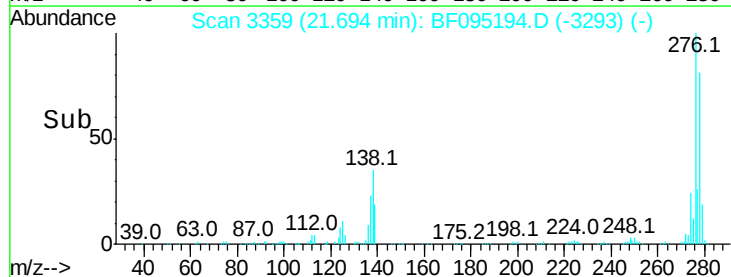
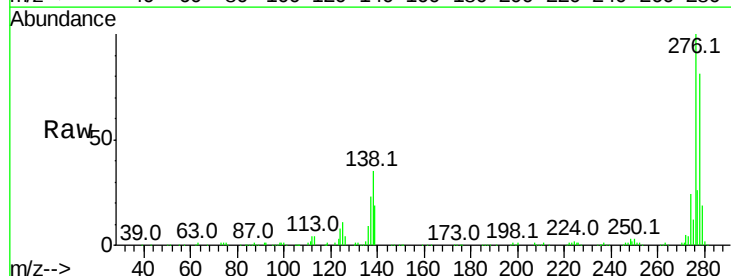
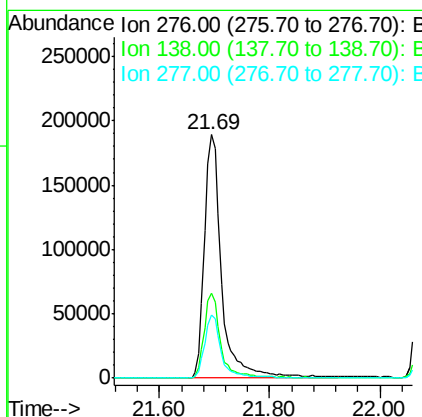
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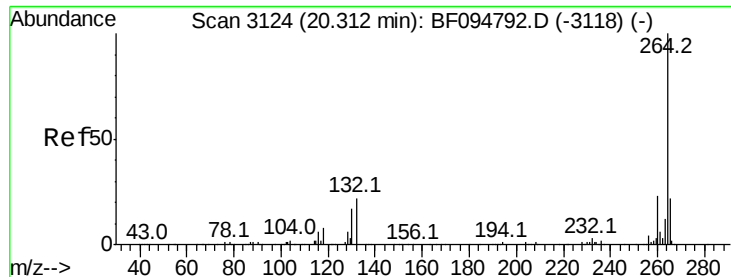
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#85
Indeno(1,2,3-cd)pyrene
Concen: 38.88 ng
RT: 21.69 min Scan# 3359
Delta R.T. 0.09 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion:	276	Resp:	409274
Ion Ratio	Lower	Upper	
276	100		
138	32.8	27.8	41.6
277	24.3	20.2	30.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3133
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

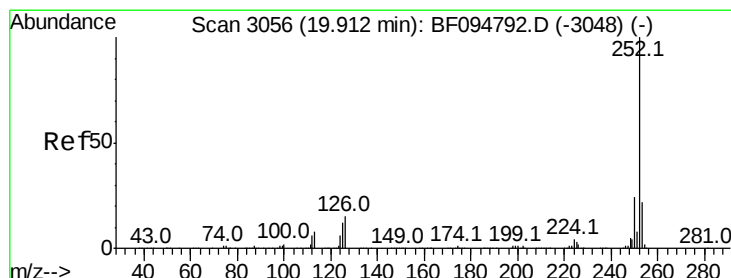
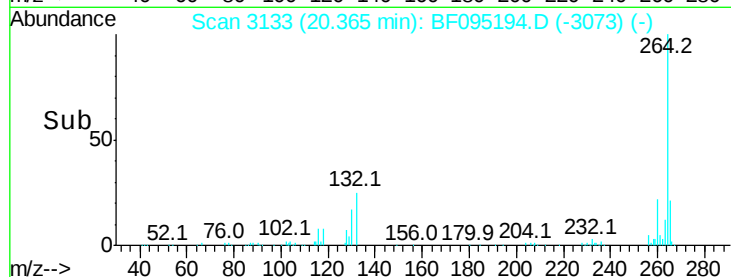
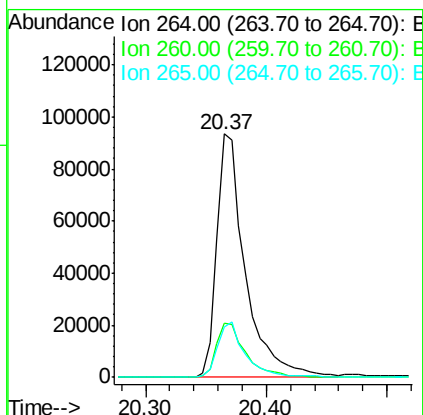
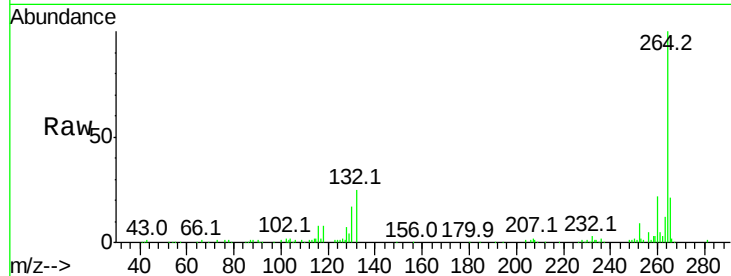
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	20.7	17.2	25.8

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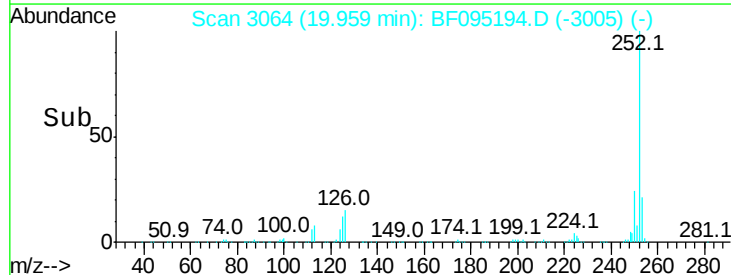
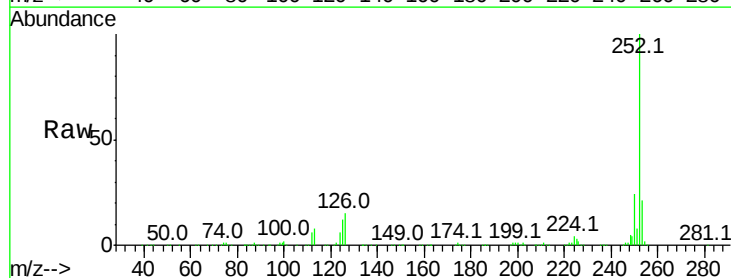
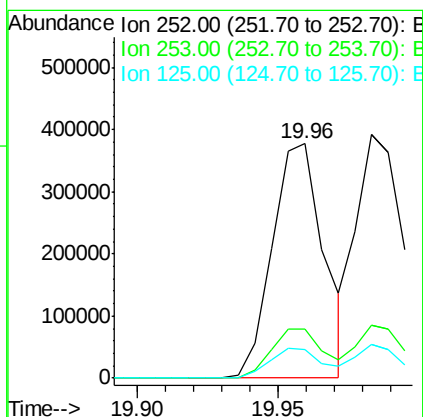
mohammad

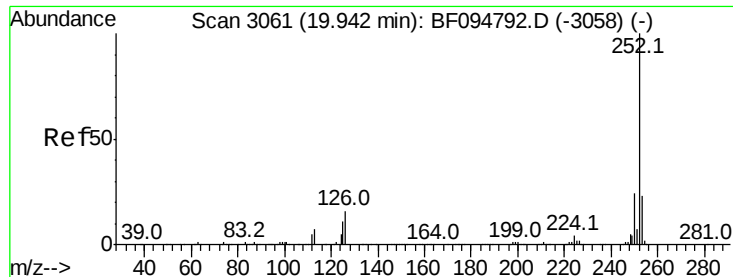
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#87
Benzo(b)fluoranthene
Concen: 50.80 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.1	27.1
125	12.2	9.8	14.8





#88
Benzo(k)fluoranthene
Concen: 56.79 ng
RT: 19.98 min Scan# 3068
Delta R.T. 0.04 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

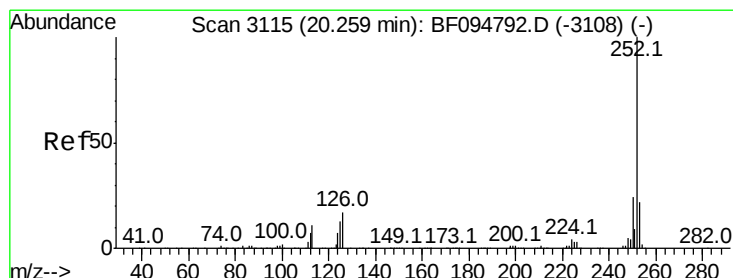
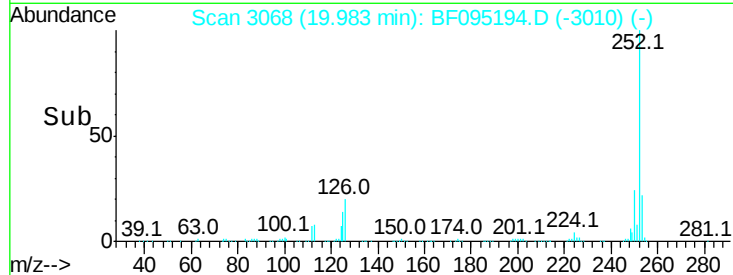
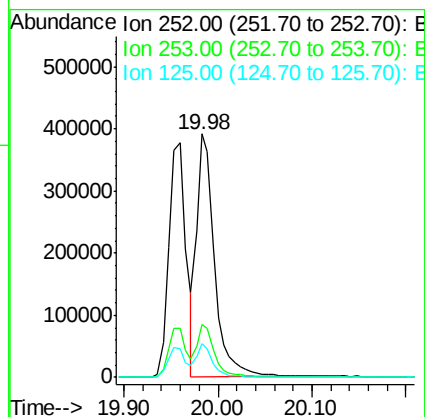
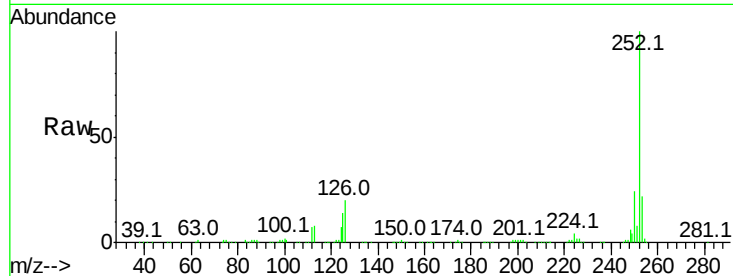
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.7	13.1	19.7

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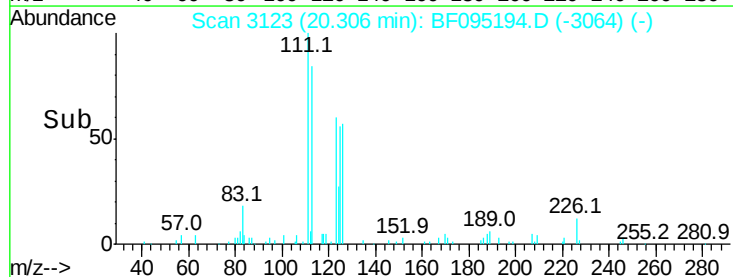
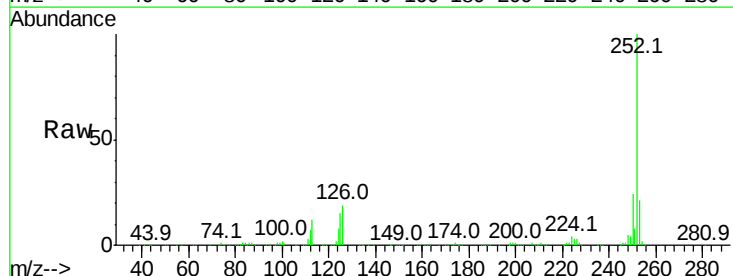
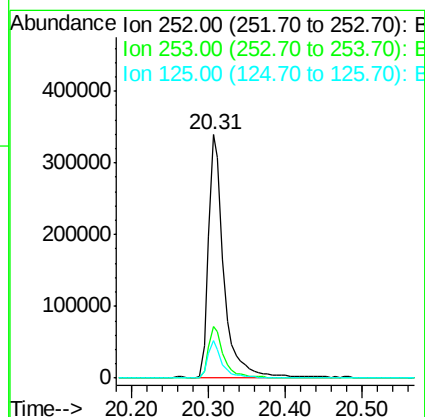
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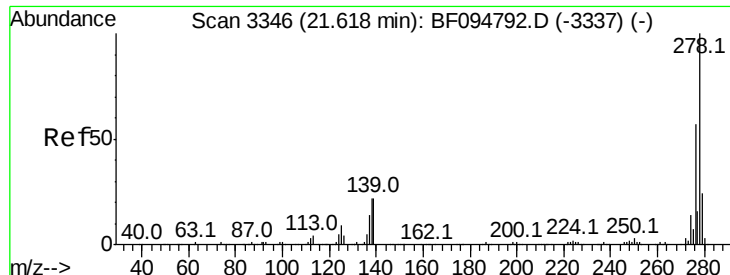
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#89
Benzo(a)pyrene
Concen: 53.22 ng
RT: 20.31 min Scan# 3123
Delta R.T. 0.05 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	15.2	11.0	16.4





#90
Dibenzo(a,h)anthracene
Concen: 45.62 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

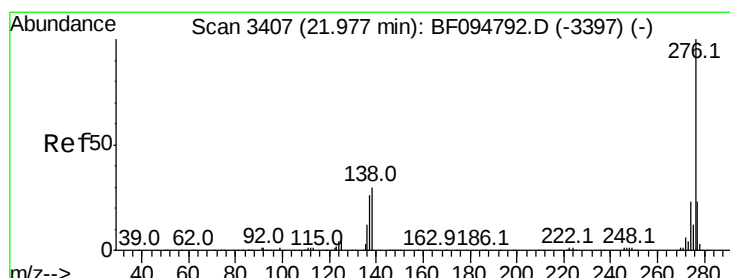
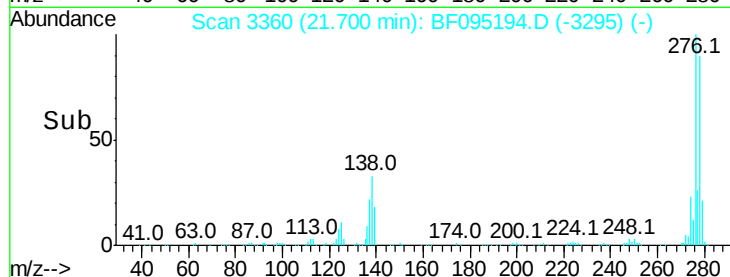
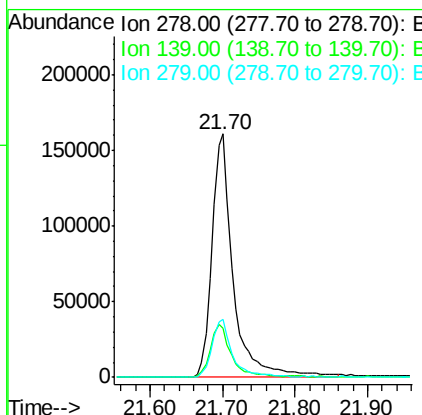
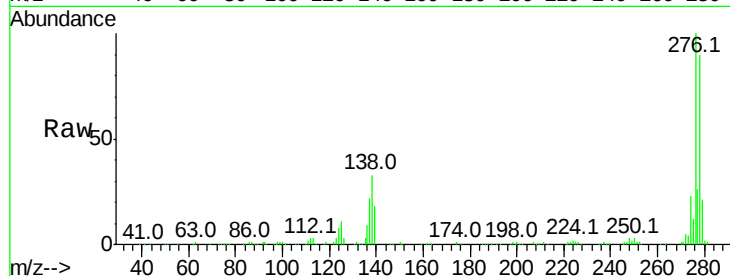
Instrument :
BNA_F
ClientSampleId :
E2-R3-WSWMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	24.8
279	23.8	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 48.93 ng
RT: 22.08 min Scan# 3425
Delta R.T. 0.11 min
Lab File: BF095194.D
Acq: 17 May 2017 20:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	27.4	25.4	38.0

