

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095404.D
 Acq On : 24 May 2017 23:15
 Operator : SJ/MA
 Sample : I3281-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Manual Integrations
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mohammad
 5/25/2017 6:00:29 PM

Quant Time: May 25 16:26:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	80013	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	305356	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	117056	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	198313	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	163188	20.00	ng	-0.01
86) Perylene-d12	20.36	264	113758	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	578549	120.55	ng	-0.01
7) Phenol-d6	7.30	99	687775	119.44	ng	-0.01
23) Nitrobenzene-d5	8.65	82	378604	78.18	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	100741	105.09	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	673357	82.80	ng	-0.02
78) Terphenyl-d14	17.32	244	551516	74.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	74579	31.69	ng	93
3) Pyridine	2.93	79	172053	31.54	ng	96
4) n-Nitrosodimethylamine	2.85	42	68486	30.12	ng	# 79
6) Aniline	7.26	93	171536	23.60	ng	96
8) 2-Chlorophenol	7.45	128	210176	38.48	ng	94
9) Benzaldehyde	7.08	77	65991	18.77	ng	91
10) Phenol	7.32	94	269799	44.46	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	196937	39.31	ng	97
12) 1,3-Dichlorobenzene	7.65	146	228966	36.95	ng	98
13) 1,4-Dichlorobenzene	7.78	146	239926	38.18	ng	97
14) 1,2-Dichlorobenzene	8.01	146	221726	37.80	ng	96
15) Benzyl Alcohol	8.04	79	161587	43.63	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.24	45	258404	36.45	ng	96
17) 2-Methylphenol	8.26	107	167149	37.39	ng	96
18) Hexachloroethane	8.52	117	52103	24.48	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	148902	38.23	ng	94
20) 3+4-Methylphenols	8.54	107	206748	34.04	ng	# 63
22) Acetophenone	8.42	105	292850	39.97	ng	# 82
24) Nitrobenzene	8.68	77	194705	38.36	ng	90
25) Isophorone	9.08	82	349830	40.46	ng	95
26) 2-Nitrophenol	9.20	139	49369	18.03	ng	98
27) 2,4-Dimethylphenol	9.33	122	163487	36.92	ng	99
28) bis(2-Chloroethoxy)methane	9.45	93	230954	38.61	ng	98
29) 2,4-Dichlorophenol	9.64	162	144586	34.58	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	164046	36.62	ng	98
31) Naphthalene	9.80	128	610411	39.77	ng	99
33) 4-Chloroaniline	9.96	127	80996	14.16	ng	# 91
34) Hexachlorobutadiene	10.01	225	82496	34.90	ng	99
35) Caprolactam	10.56	113	46160	36.77	ng	86
36) 4-Chloro-3-methylphenol	10.84	107	149060	33.34	ng	90
37) 2-Methylnaphthalene	10.92	142	411993	40.90	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	139469	38.74	ng	99
42) 2,4,6-Trichlorophenol	11.45	196	85661	35.64	ng	97
43) 2,4,5-Trichlorophenol	11.56	196	89293	34.57	ng	95

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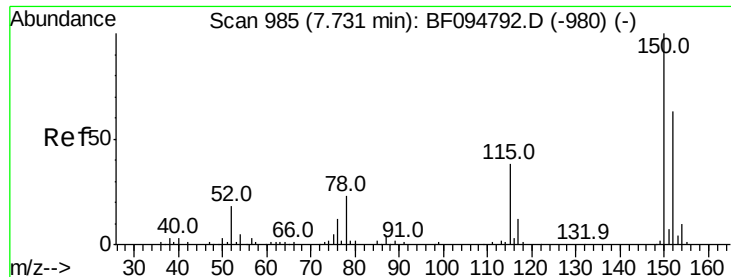
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	11.69	154	402689	40.86	nq	98
46) 2-Chloronaphthalene	11.71	162	301926	37.94	nq	97
47) 2-Nitroaniline	11.94	65	86558	39.74	nq	# 78
48) Acenaphthylene	12.37	152	473574	37.99	nq	97
49) Dimethylphthalate	12.24	163	455110	47.36	nq	99
50) 2,6-Dinitrotoluene	12.34	165	54145	27.62	nq	# 90
51) Acenaphthene	12.65	154	274571	36.88	nq	99
52) 3-Nitroaniline	12.62	138	81079	38.53	nq	91
54) Dibenzofuran	12.94	168	424356	41.19	nq	97
55) 4-Nitrophenol	13.09	139	42737	33.82	nq	# 76
56) 2,4-Dinitrotoluene	13.02	165	58596	23.26	nq	# 90
57) Fluorene	13.49	166	323596	36.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.21	232	52354m	32.20	nq	
59) Diethylphthalate	13.40	149	262740	28.53	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	139718	35.49	nq	93
61) 4-Nitroaniline	13.62	138	68107	35.26	nq	94
62) Azobenzene	13.78	77	272460	36.81	nq	93
65) n-Nitrosodiphenylamine	13.72	169	271624	37.74	nq	99
66) 4-Bromophenyl-phenylether	14.31	248	75011	35.80	nq	96
67) Hexachlorobenzene	14.39	284	73915	34.42	nq	# 86
68) Atrazine	14.64	200	59999	29.52	nq	97
69) Pentachlorophenol	14.77	266	31301	35.74	nq	99
70) Phenanthrene	15.04	178	607489	53.31	nq	98
71) Anthracene	15.12	178	476822	40.97	nq	99
72) Carbazole	15.41	167	435961	41.17	nq	96
73) Di-n-butylphthalate	15.97	149	499492	37.82	nq	# 98
74) Fluoranthene	16.79	202	788625	67.47	nq	99
76) Benzidine	17.02	184	63104	18.92	nq	96
77) Pvrene	17.09	202	757559	62.07	nq	98
79) Butylbenzylphthalate	17.98	149	235048	41.41	nq	# 86
80) Benzo(a)anthracene	18.67	228	462485	48.70	nq	100
81) 3,3'-Dichlorobenzidine	18.65	252	86848	26.48	nq	# 97
82) Chrysene	18.72	228	437691	47.66	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	320098	39.58	nq	# 98
84) Di-n-octyl phthalate	19.50	149	479177	36.13	nq	97
85) Indeno(1,2,3-cd)pyrene	21.69	276	263545	35.34	nq	99
87) Benzo(b)fluoranthene	19.95	252	373117	53.08	nq	98
88) Benzo(k)fluoranthene	19.98	252	291060	42.93	nq	96
89) Benzo(a)pyrene	20.31	252	294620	45.42	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	197619	36.89	nq	98
91) Benzo(g,h,i)perylene	22.08	276	230549	43.86	nq	96

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



#1

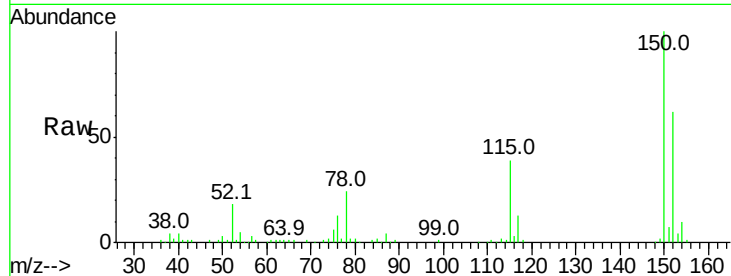
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095404.D
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R1-TP-1-SS-1MSD

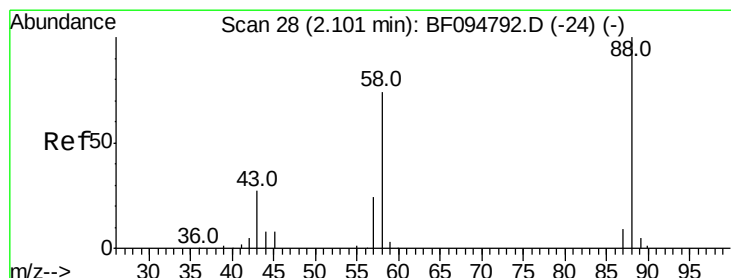
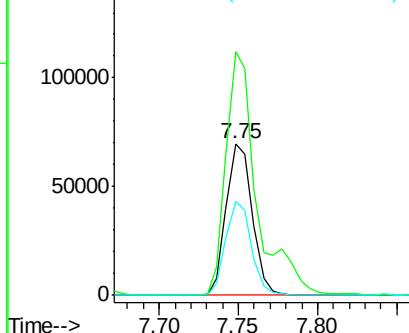
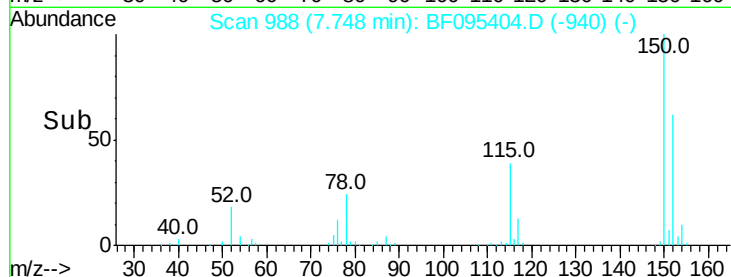
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	61.9	52.2	78.2

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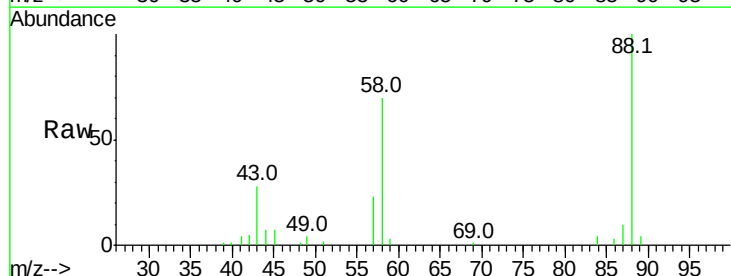
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



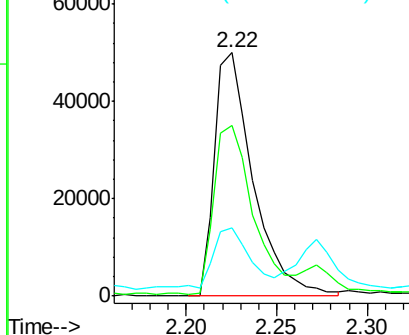
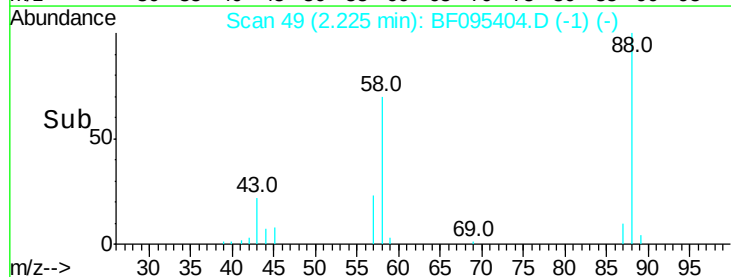
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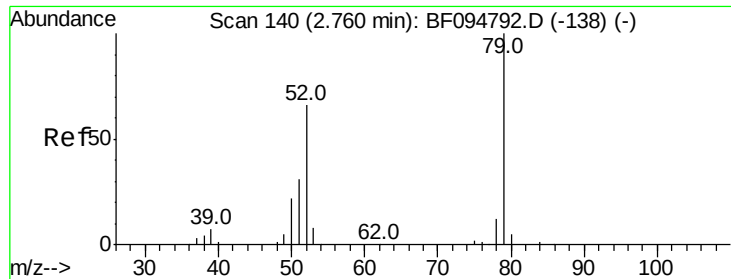
1,4-Dioxane
Concen: 31.69 ng
RT: 2.22 min Scan# 49
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	61.4	92.0
43	25.2	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





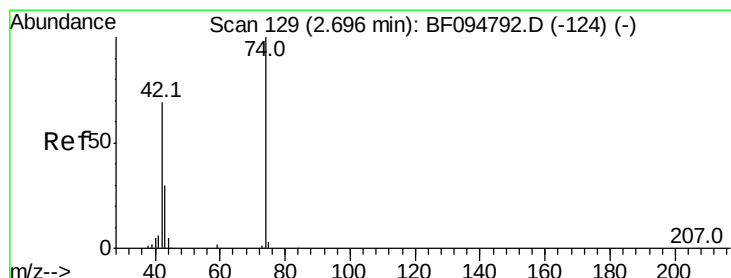
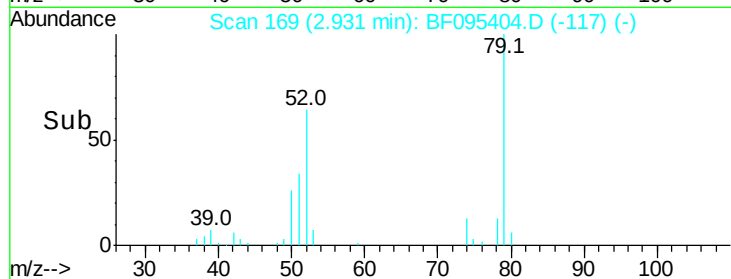
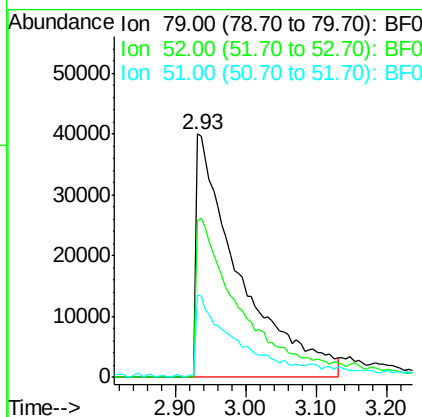
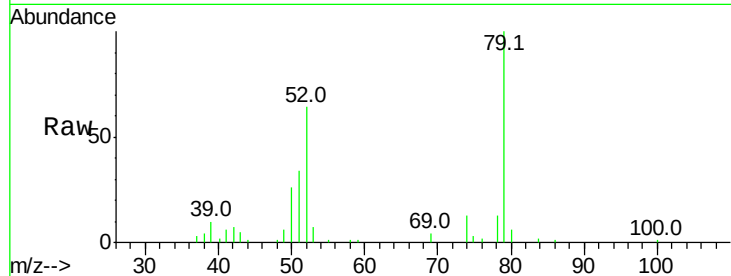
#3
 Pvridine
 Concen: 31.54 ng
 RT: 2.93 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.2	54.8	82.2
51	34.0	27.0	40.4

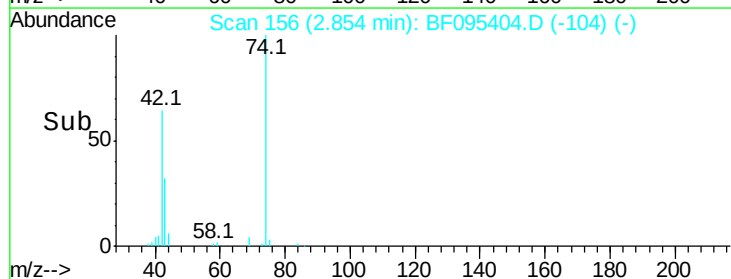
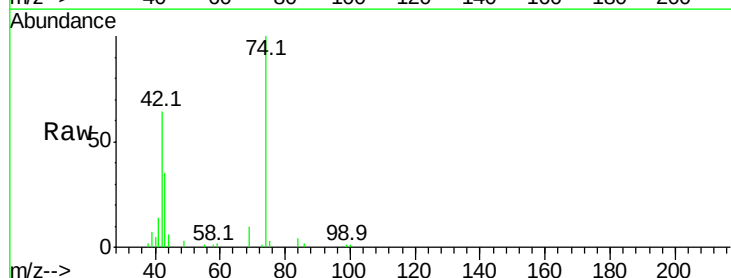
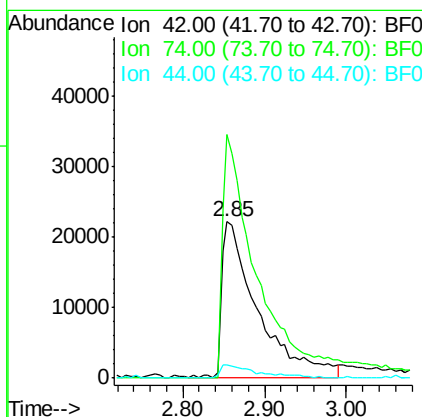
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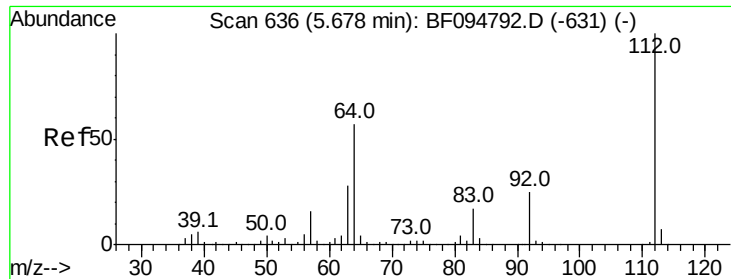
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#4
 n-Nitrosodimethylamine
 Concen: 30.12 ng
 RT: 2.85 min Scan# 156
 Delta R.T. 0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.8	103.9	155.9
44	8.8	5.7	8.5





#5

2-Fluorophenol

Concen: 120.55 ng

RT: 5.72 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

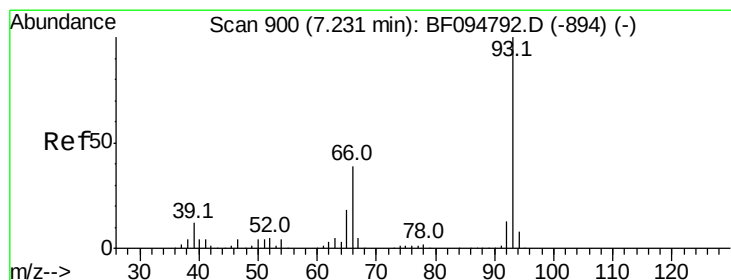
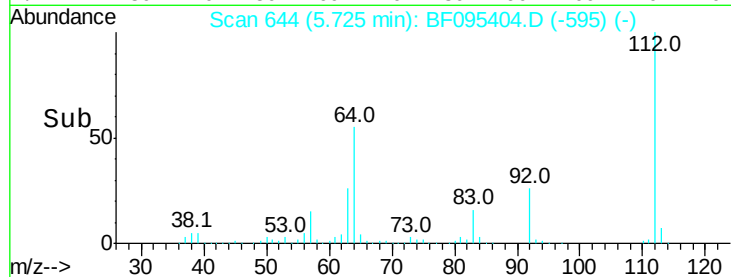
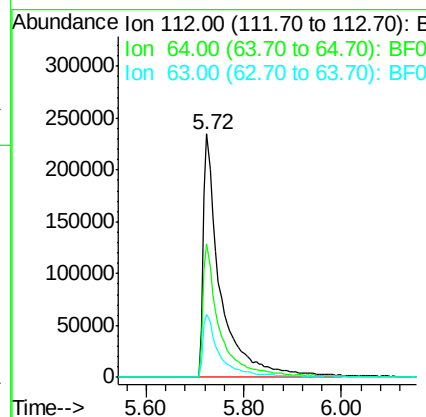
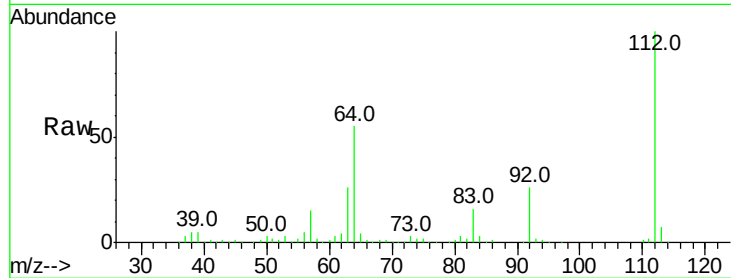
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	112	Resp:	578549
Ion Ratio	Lower	Upper	
112	100		
64	54.8	46.0	69.0
63	26.1	23.4	35.0

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#6

Aniline

Concen: 23.60 ng

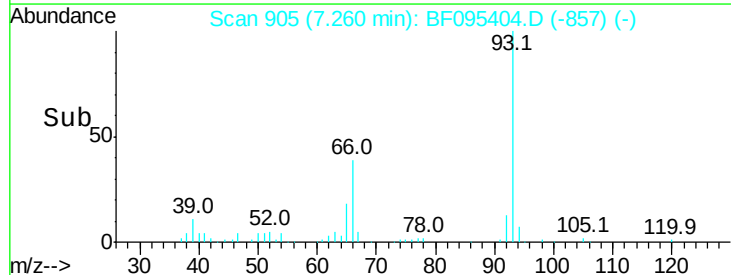
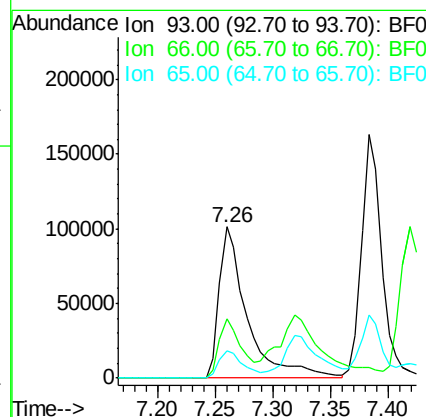
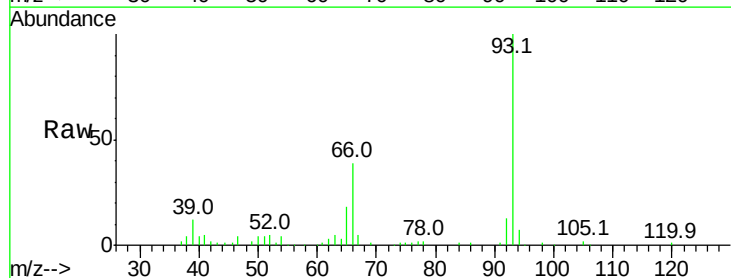
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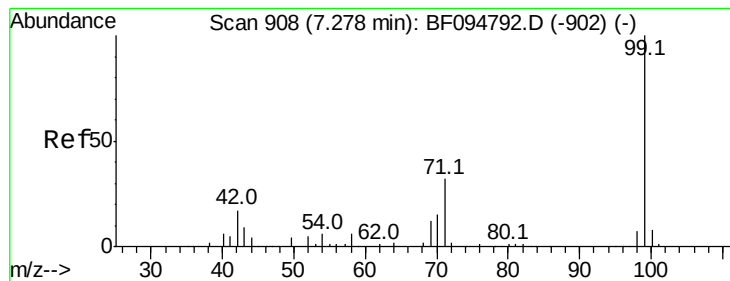
Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	93	Resp:	171536
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.9	49.3
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 119.44 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

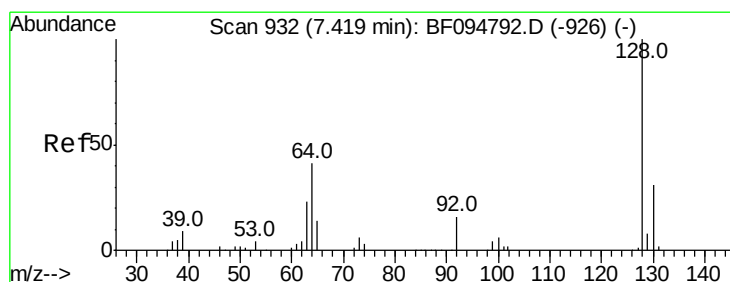
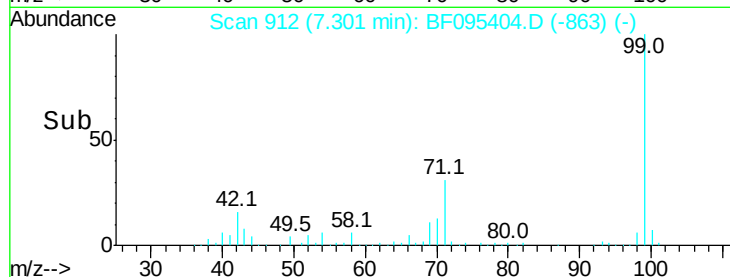
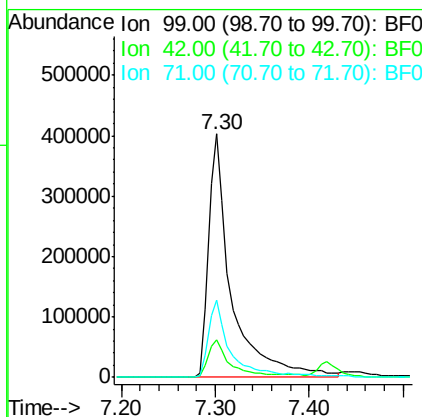
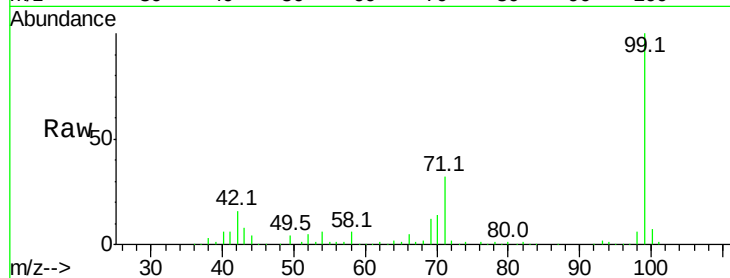
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		687775		
42	15.6	13.5	20.3		
71	31.5	24.5	36.7		

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#8

2-Chlorophenol

Concen: 38.48 ng

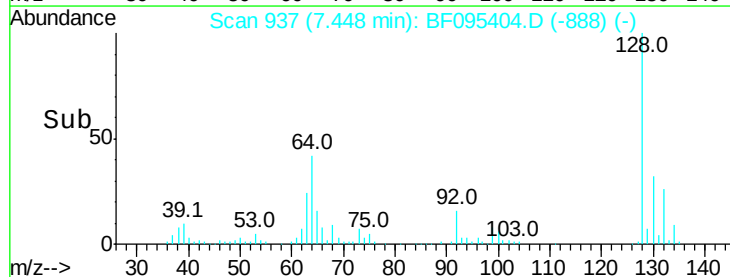
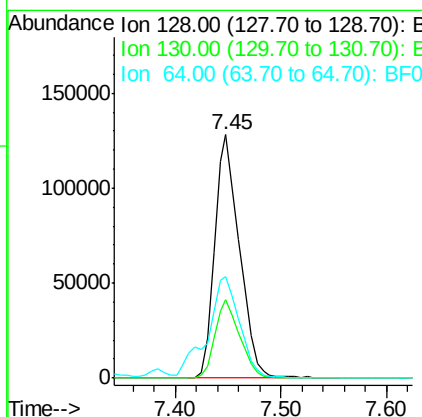
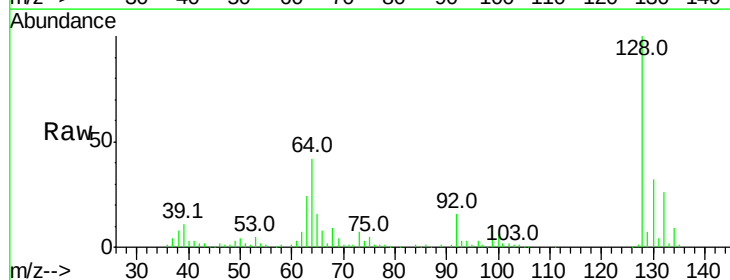
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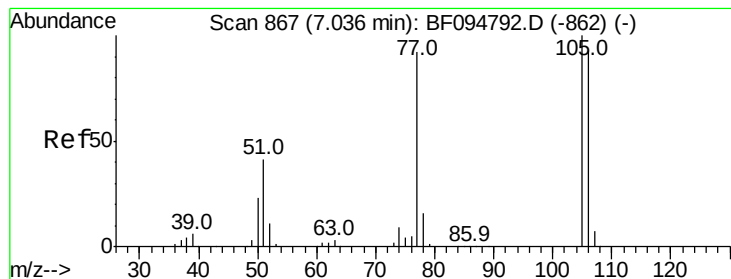
Delta R.T. -0.01 min

Lab File: BF095404.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		210176		
130	32.2	12.9	52.9		
64	41.6	28.4	68.4		





#9

Benzaldehyde

Concen: 18.77 ng

RT: 7.08 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

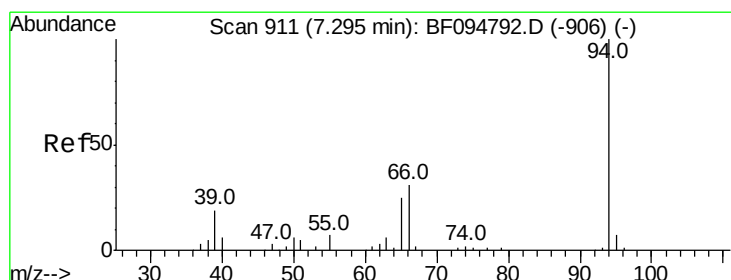
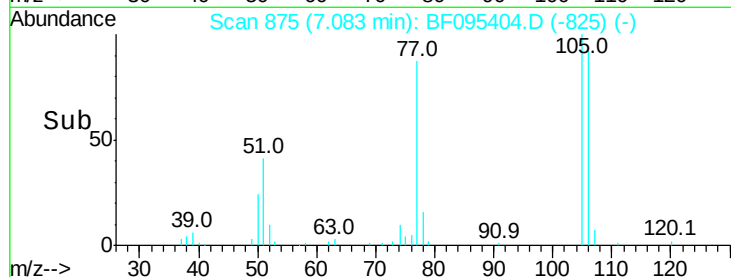
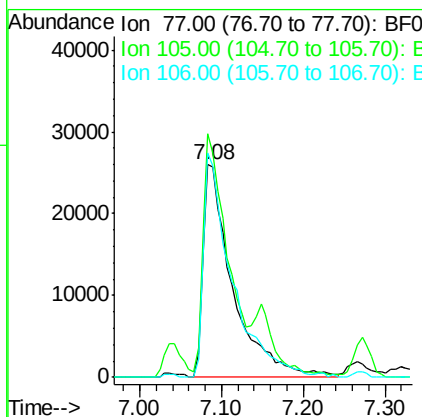
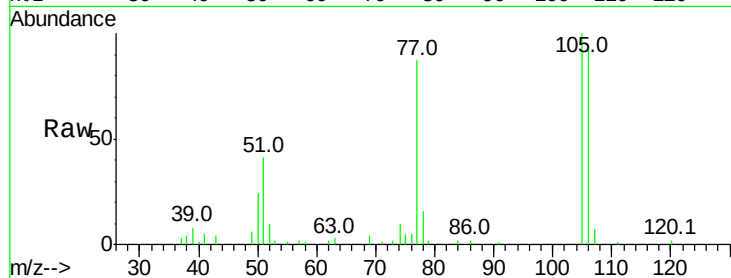
ClientSampleId :

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Tot Ion:	77	Resp:	65991
Ion	Ratio	Lower	Upper
77	100		
105	114.5	83.8	123.8
106	105.6	79.1	119.1

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#10

Phenol

Concen: 44.46 ng

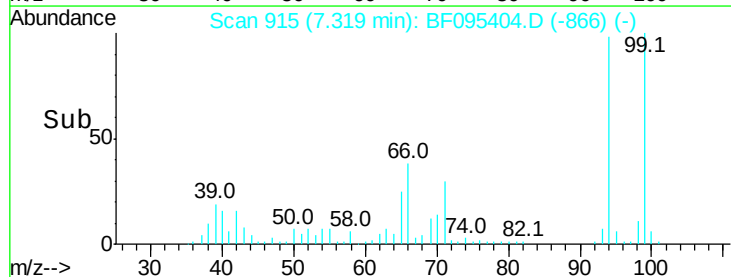
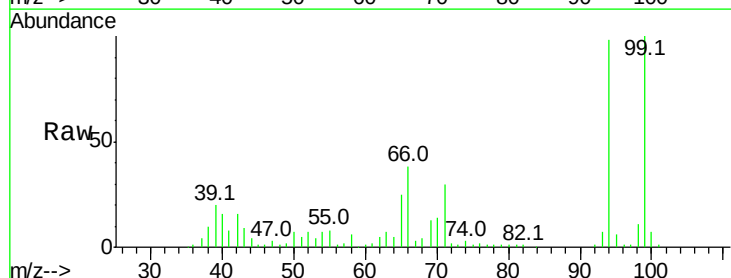
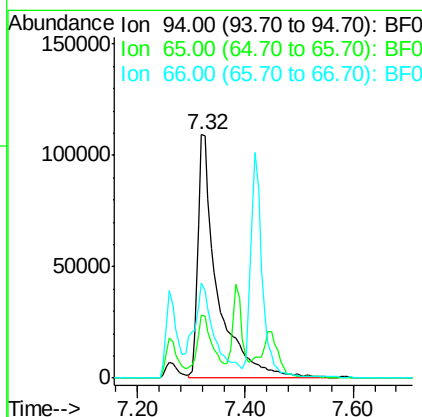
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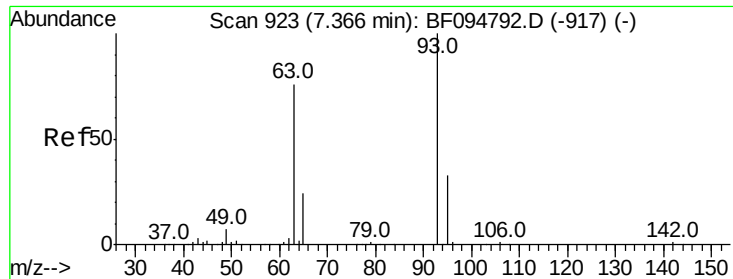
Delta R.T. -0.01 min

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Tgt Ion:	94	Resp:	269799
Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.9	49.9
66	38.9	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.31 ng

RT: 7.38 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

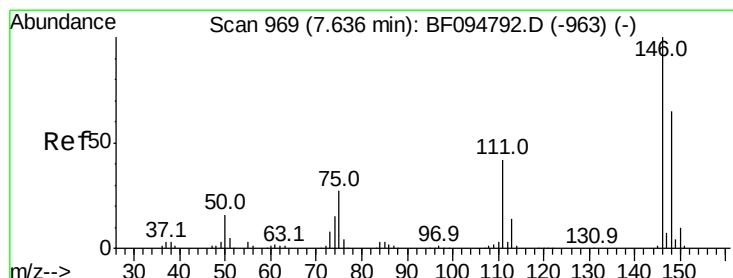
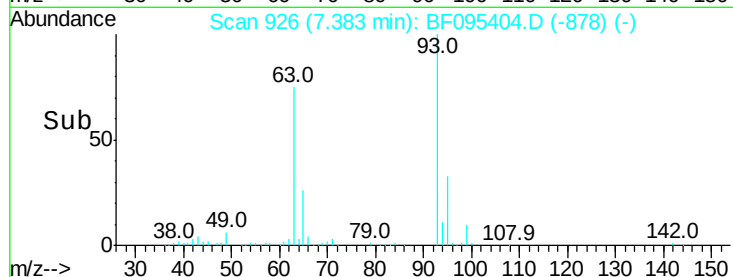
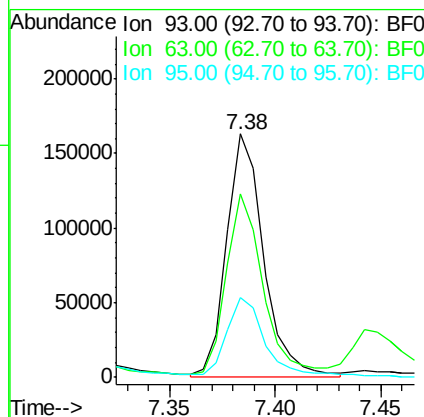
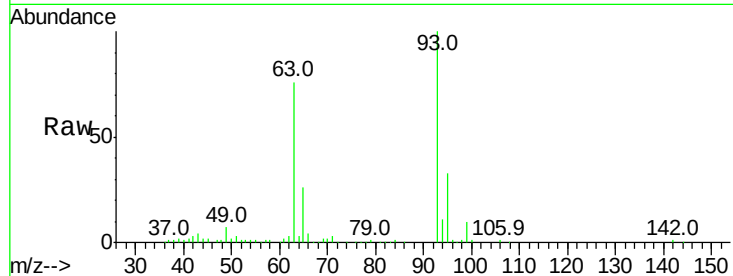
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	93	Resp:	196937
Ion Ratio	Lower	Upper	
93	100		
63	75.6	59.2	99.2
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 36.95 ng

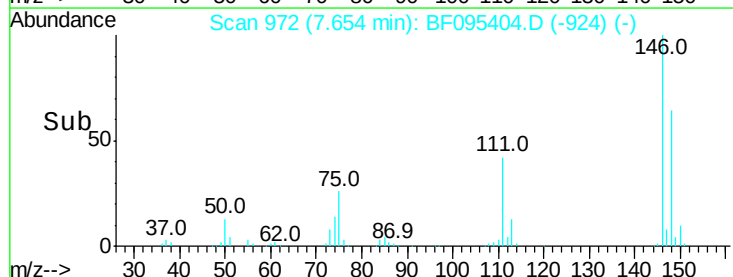
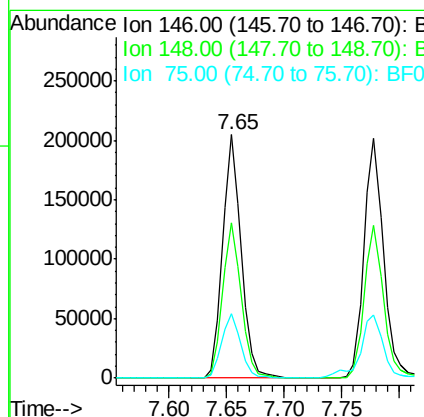
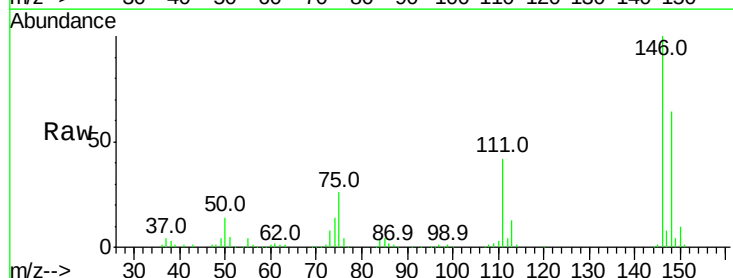
RT: 7.65 min Scan# 972

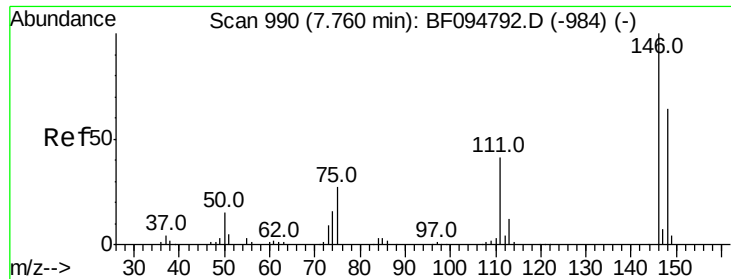
Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	146	Resp:	228966
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
75	26.2	23.1	34.7





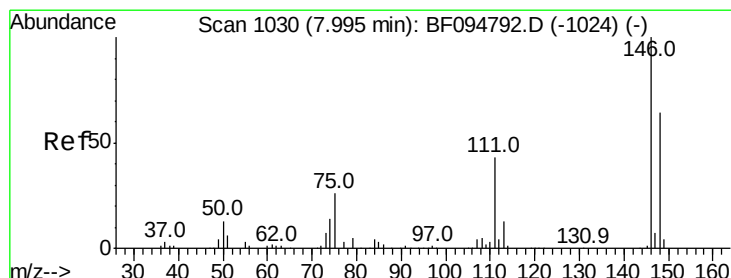
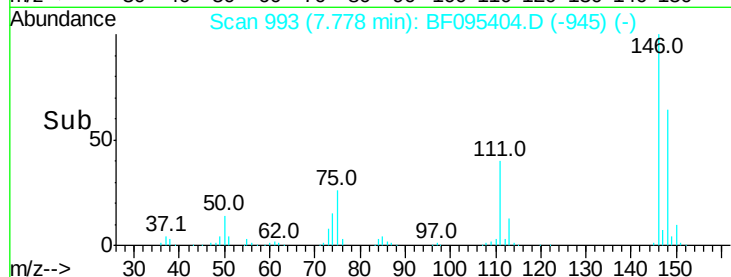
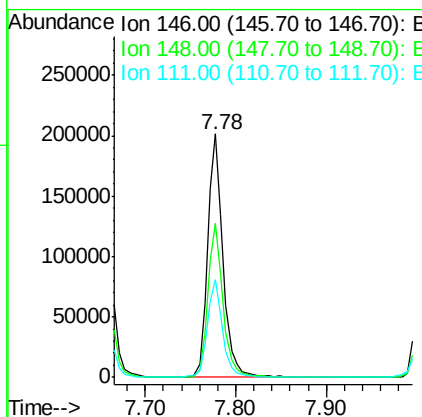
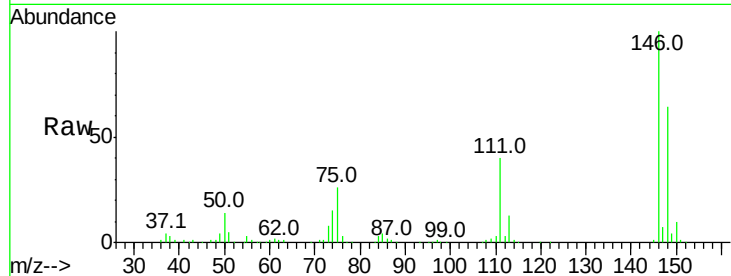
#13
 1,4-Dichlorobenzene
 Concen: 38.18 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	40.1	30.3	45.5

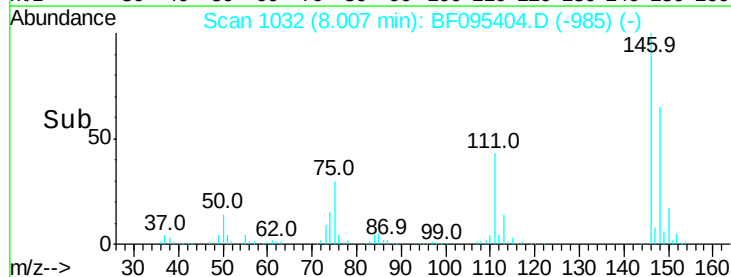
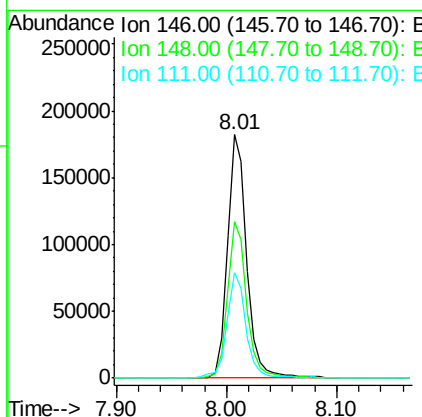
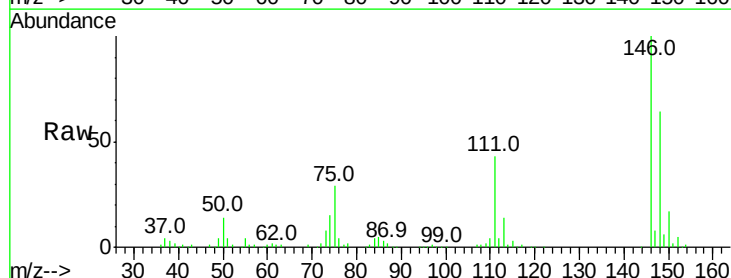
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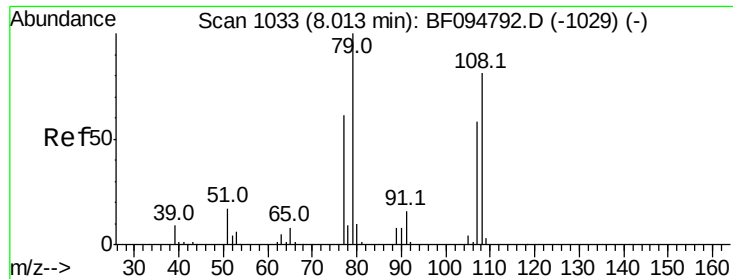
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#14
 1,2-Dichlorobenzene
 Concen: 37.80 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	43.2	38.2	57.4





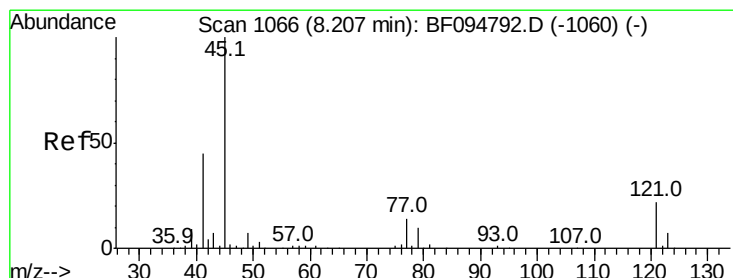
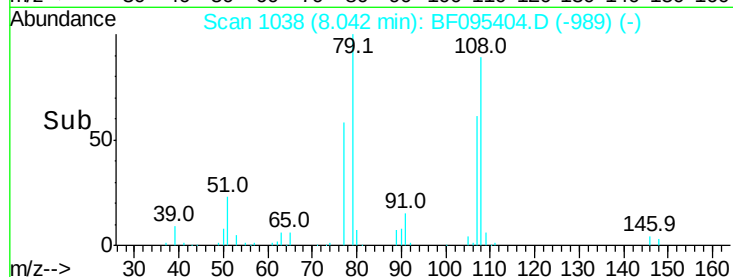
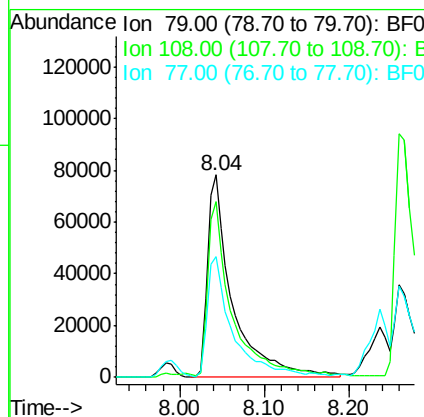
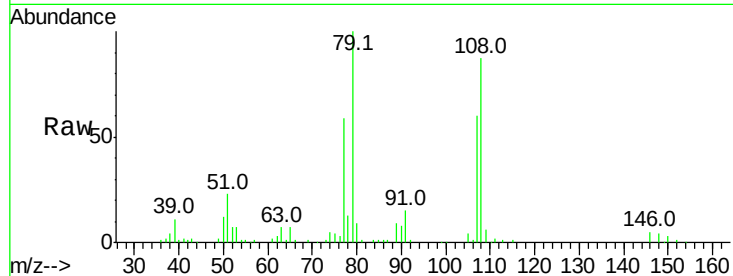
#15
Benzyl Alcohol
Concen: 43.63 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion: 79 Resp: 161587
Ion Ratio Lower Upper
79 100
108 87.1 63.4 95.0
77 59.5 49.2 73.8

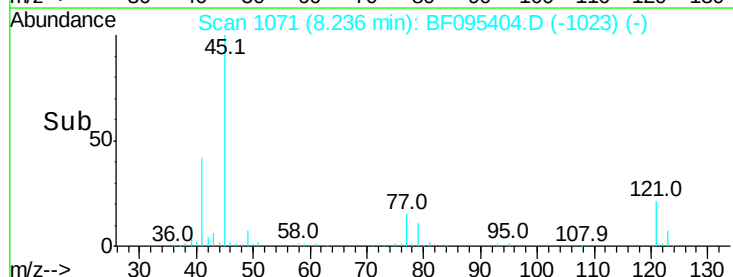
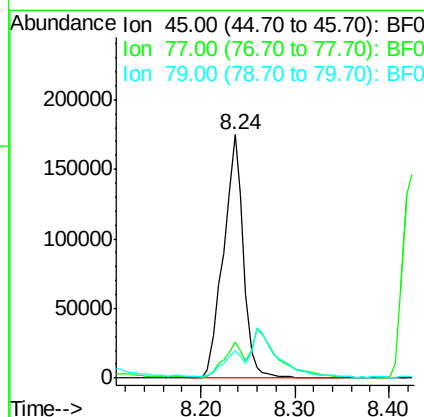
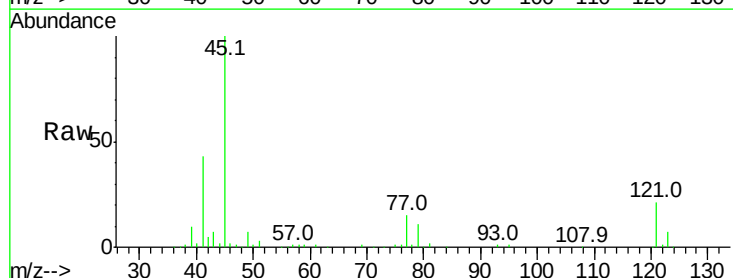
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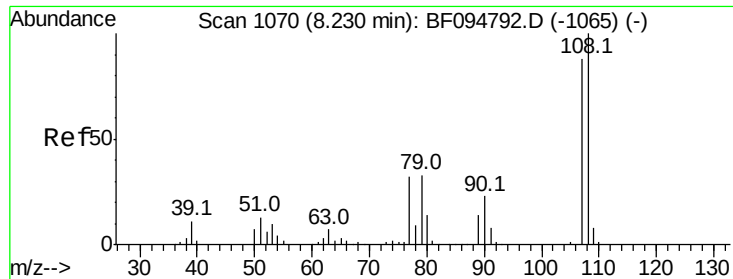
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.45 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion: 45 Resp: 258404
Ion Ratio Lower Upper
45 100
77 15.1 0.0 33.2
79 11.0 0.0 30.0





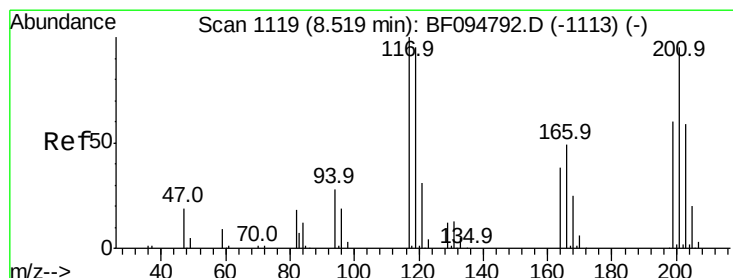
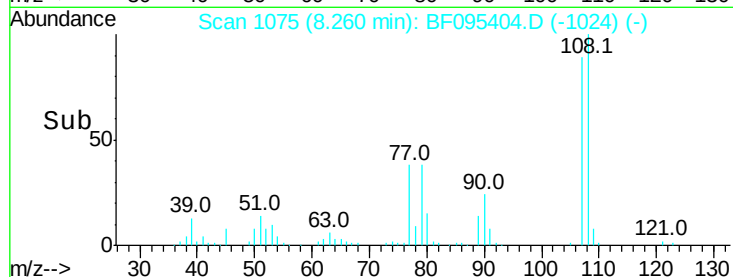
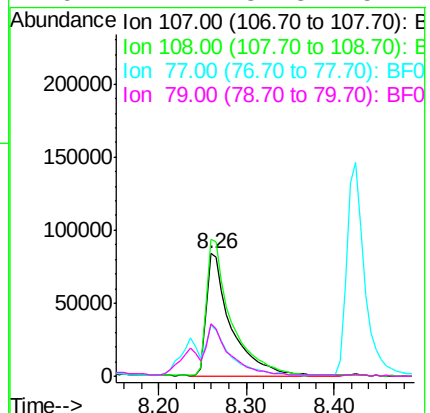
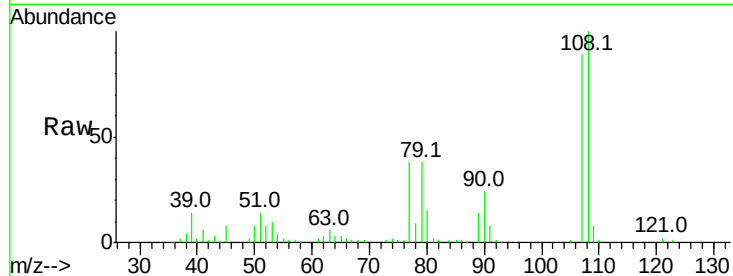
#17
2-Methylphenol
Concen: 37.39 ng
RT: 8.26 min Scan# 1075
Delta R.T. -0.00 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	167149		
108	111.9	93.4	140.0	
77	42.1	35.8	53.6	
79	42.7	34.8	52.2	

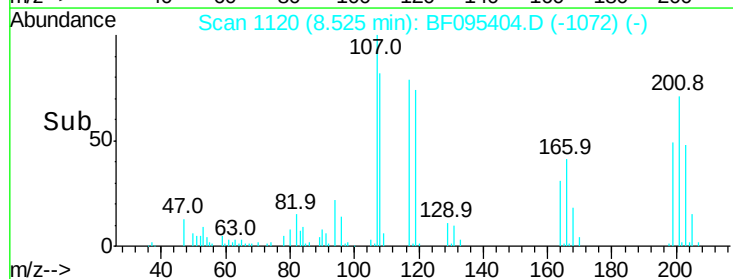
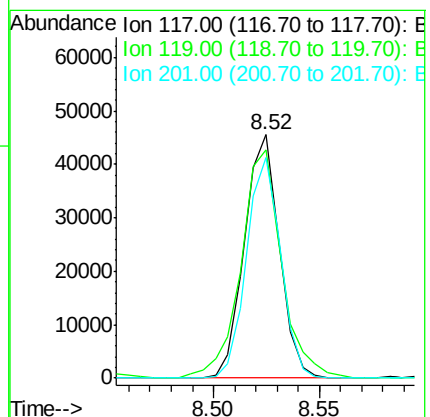
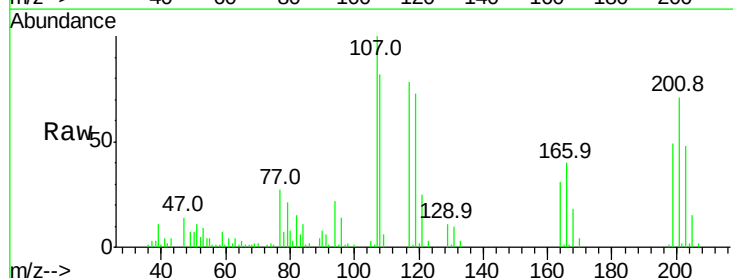
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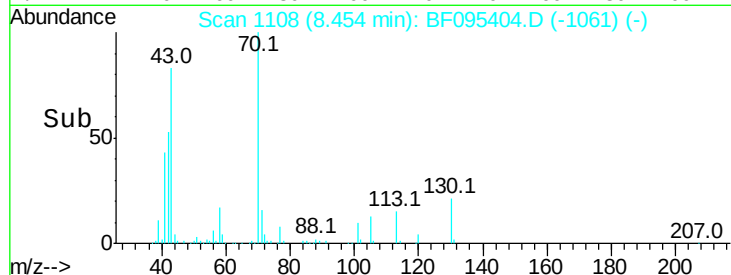
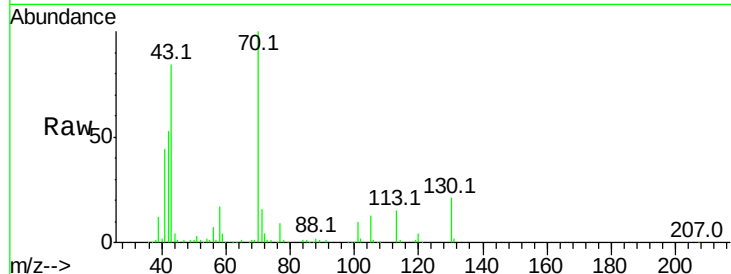
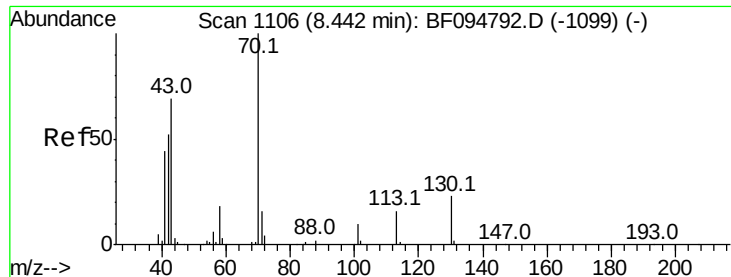
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#18
Hexachloroethane
Concen: 24.48 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52103		
119	93.9	77.4	116.0	
201	90.7	94.6	141.8#	





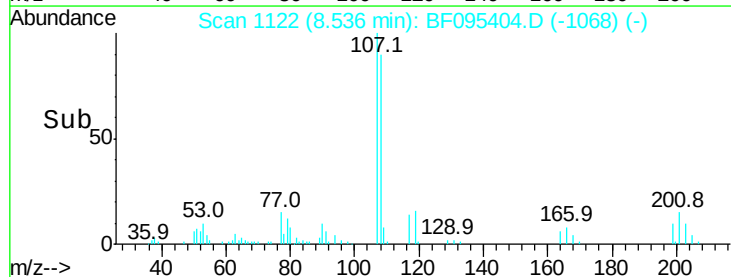
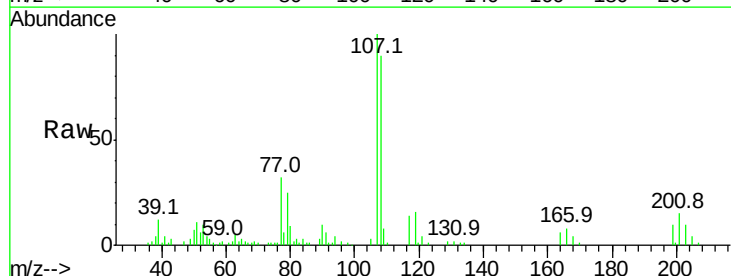
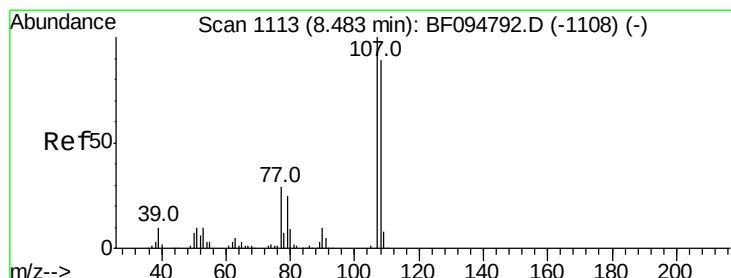
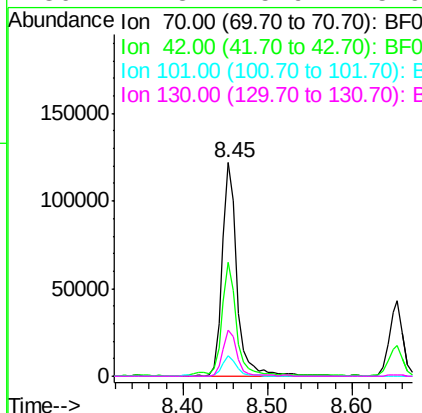
#19
n-Nitroso-di-n-propylamine
Concen: 38.23 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	70	Resp	148902
Ion Ratio	Lower	Upper	
70	100		
42	53.2	47.2	70.8
101	9.9	7.2	10.8
130	21.3	15.9	23.9

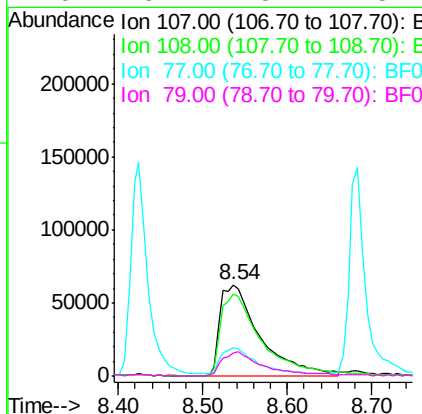
Manual Integrations
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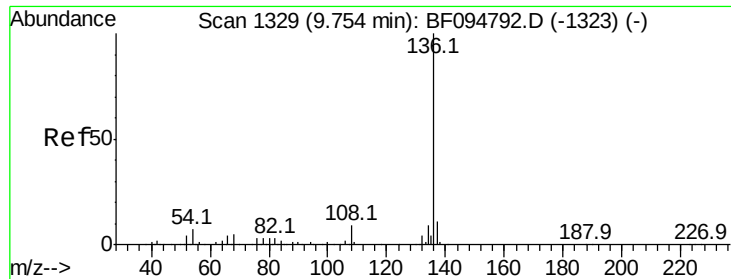
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#20
3+4-Methylphenols
Concen: 34.04 ng
RT: 8.54 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	107	Resp	206748
Ion Ratio	Lower	Upper	
107	100		
108	90.3	71.0	111.0
77	31.5	90.5	130.5#
79	25.1	8.4	48.4





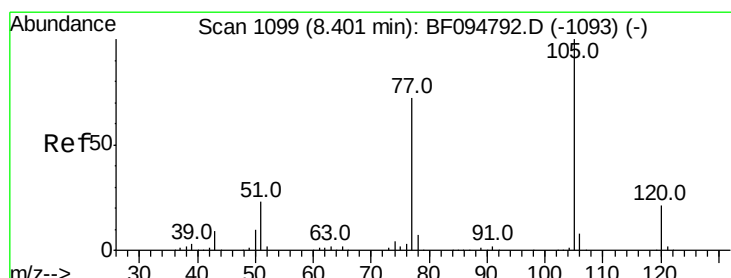
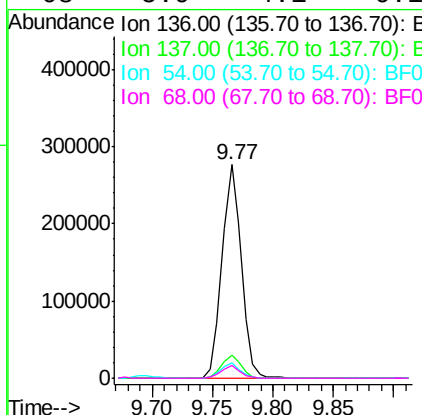
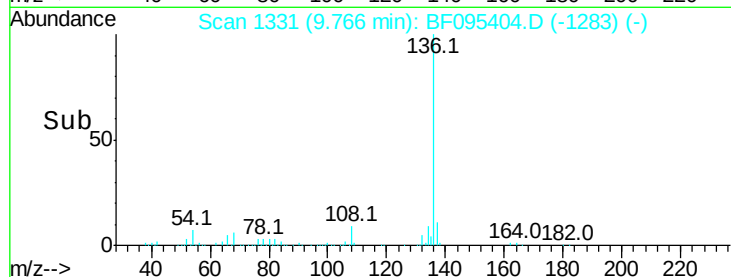
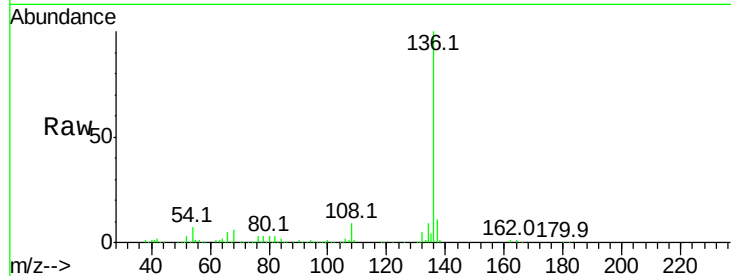
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	305356		
137	10.7		8.5	12.7
54	7.2		4.9	7.3
68	5.9		4.1	6.1

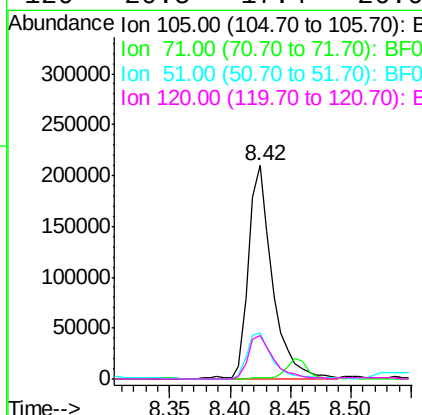
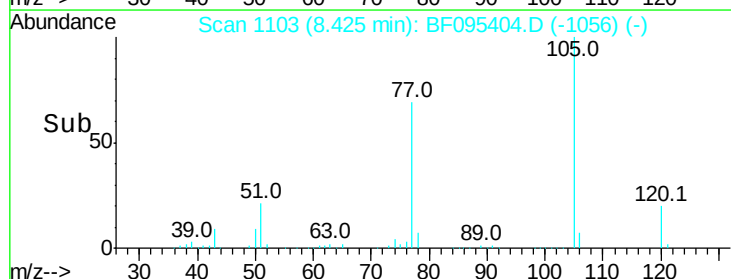
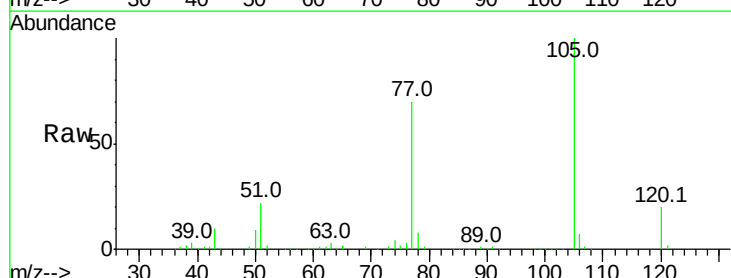
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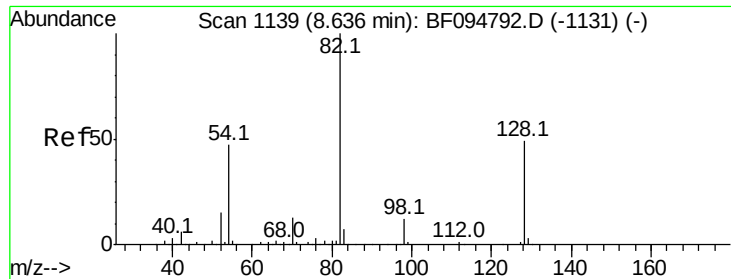
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#22
Acetophenone
Concen: 39.97 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	292850		
71	0.4		2.8	4.2#
51	21.7		30.7	46.1#
120	20.5		17.4	26.0





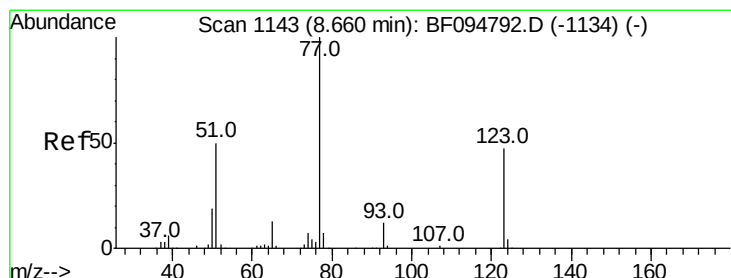
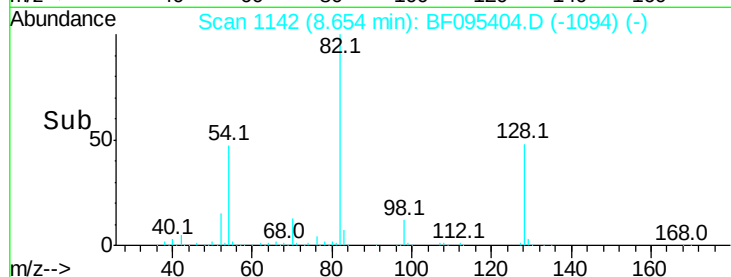
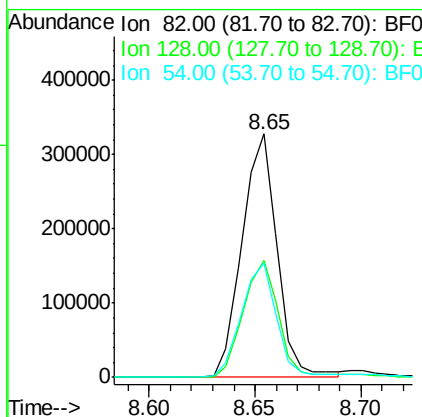
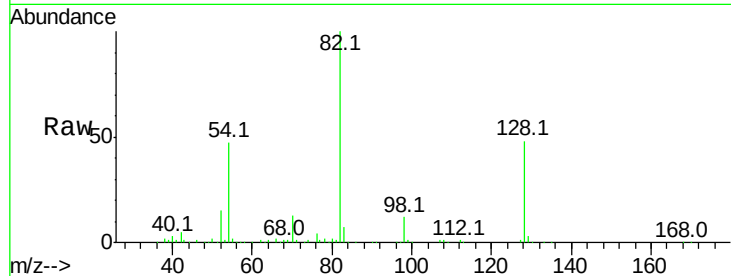
#23
 Nitrobenzene-d5
 Concen: 78.18 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.9	34.0	51.0	
54	46.9	42.2	63.2	

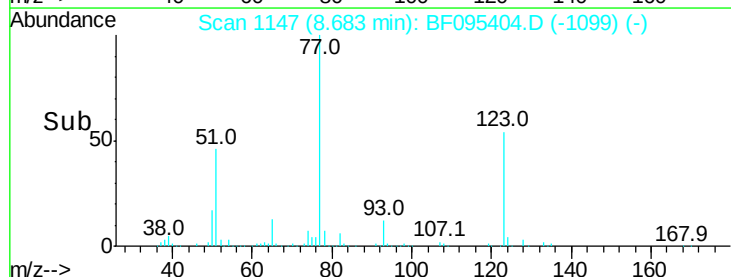
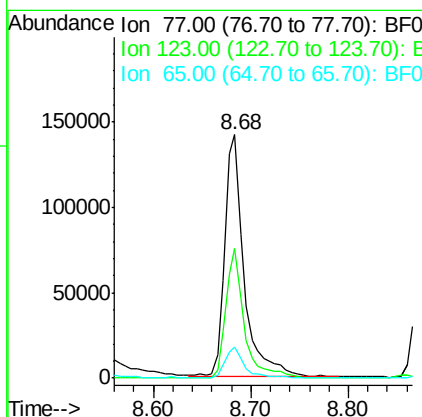
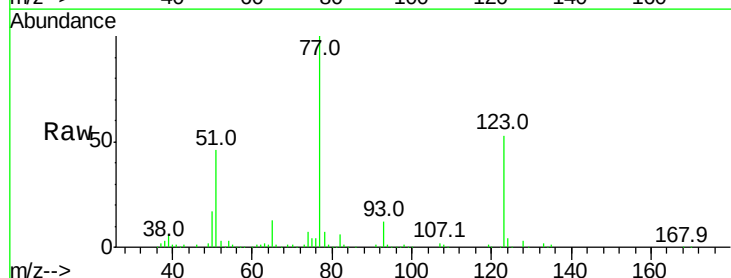
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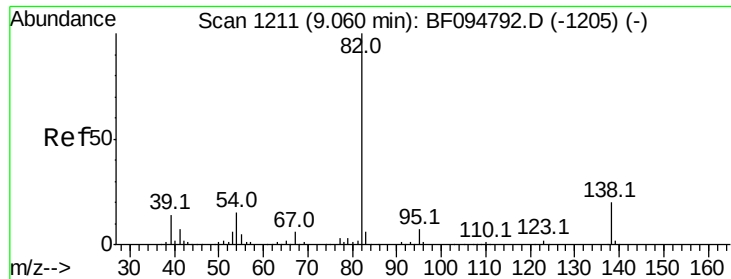
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#24
 Nitrobenzene
 Concen: 38.36 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	53.4	35.8	53.8	
65	12.9	10.6	15.8	





#25

Isophorone

Concen: 40.46 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

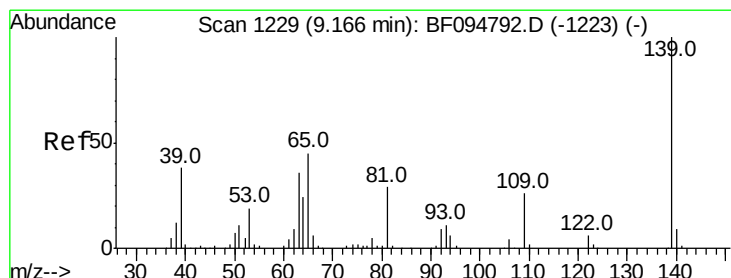
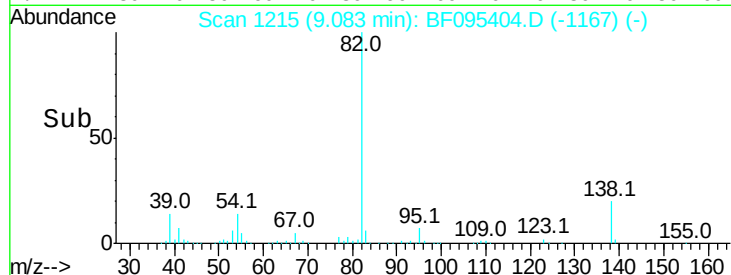
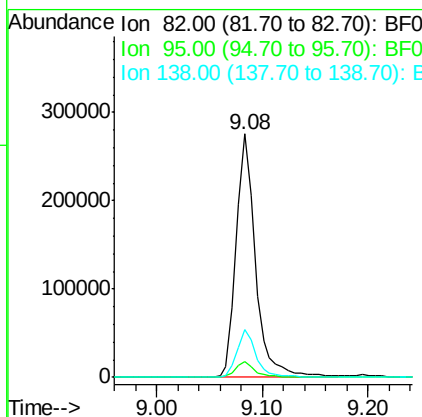
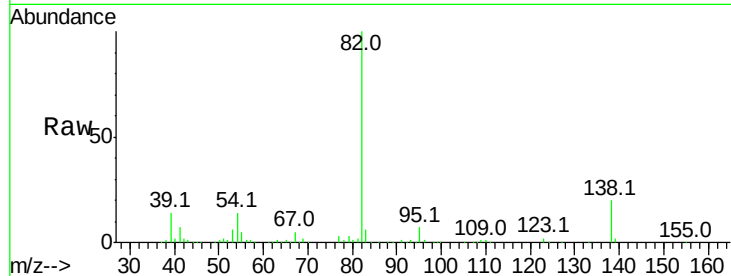
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	82	Resp:	349830
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	19.5	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 18.03 ng

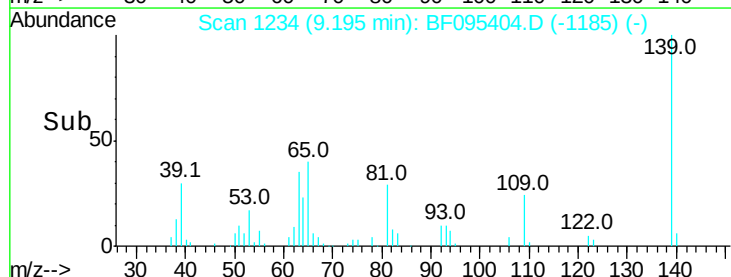
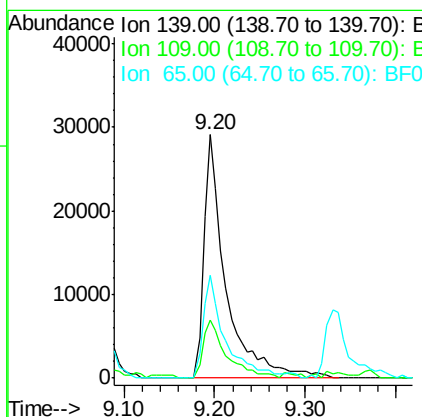
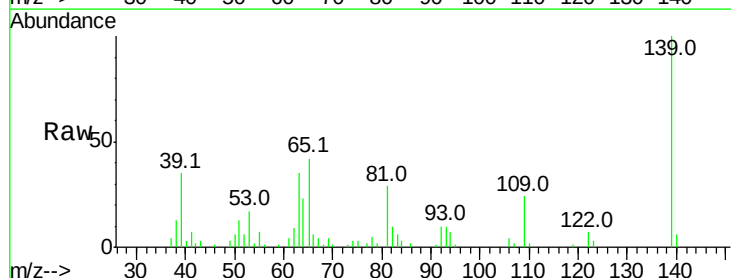
RT: 9.20 min Scan# 1234

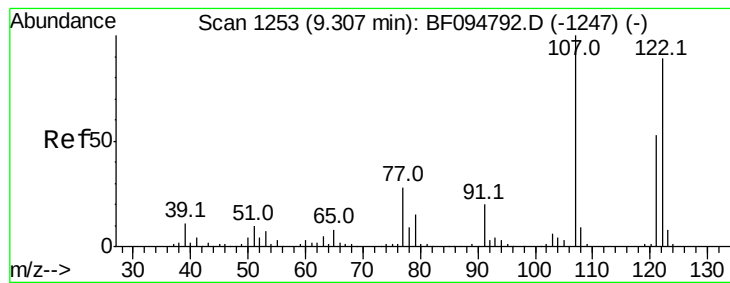
Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	139	Resp:	49369
Ion Ratio	Lower	Upper	
139	100		
109	23.9	21.0	31.6
65	42.0	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 36.92 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

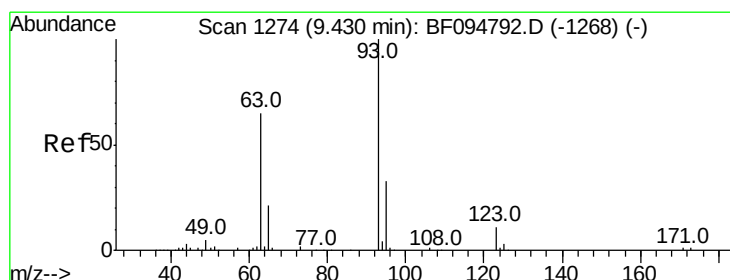
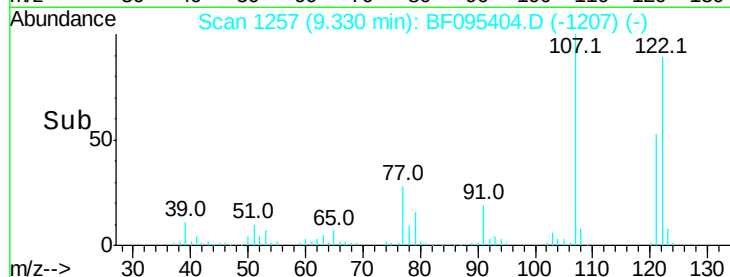
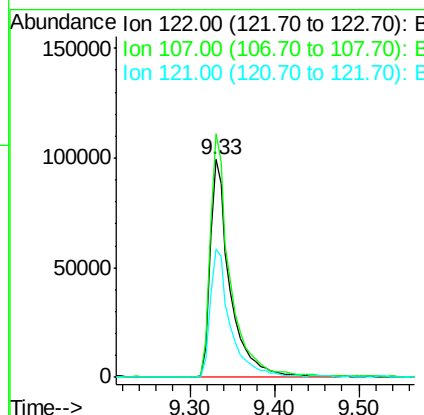
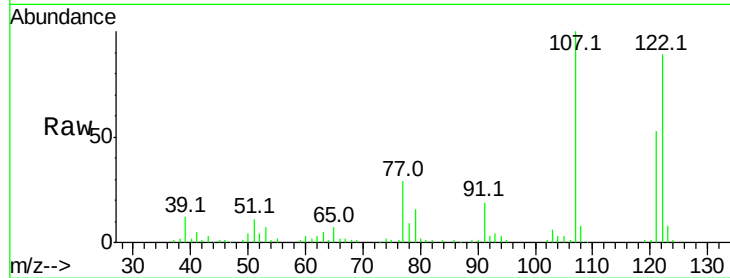
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	122	Resp:	163487
Ion Ratio	Lower	Upper	
122	100		
107	112.0	89.2	133.8
121	58.9	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.61 ng

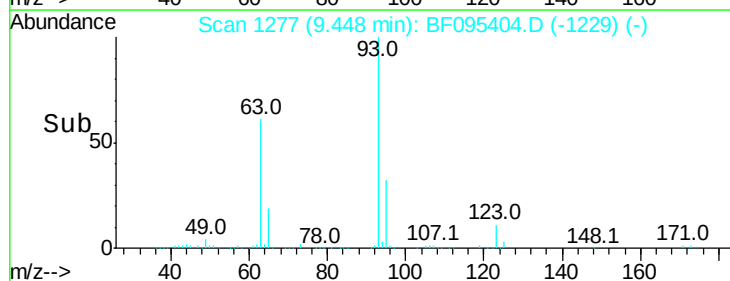
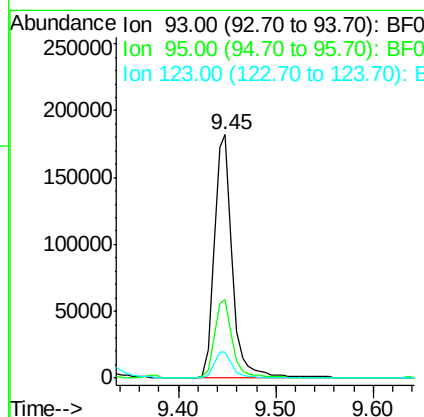
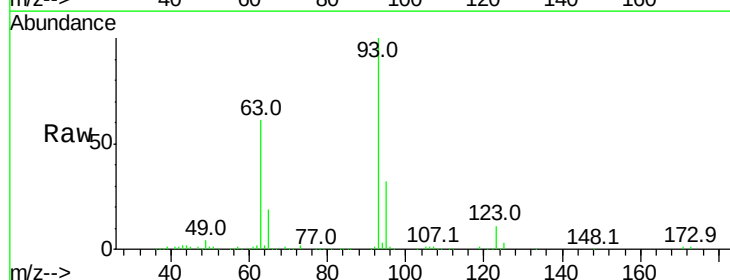
RT: 9.45 min Scan# 1277

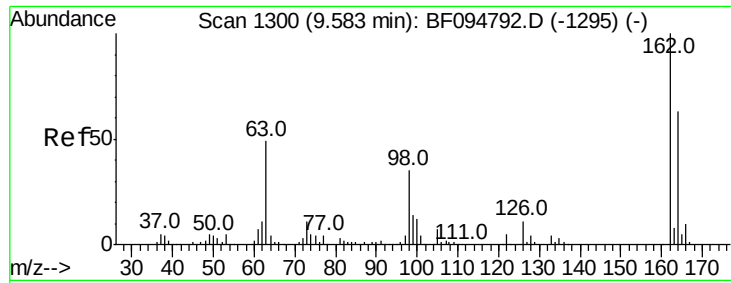
Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	93	Resp:	230954
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	10.9	9.0	13.4





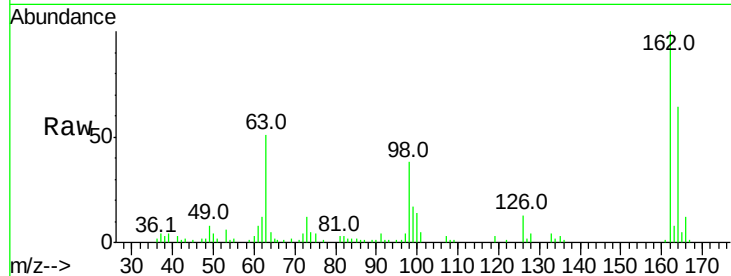
#29
 2,4-Dichlorophenol
 Concen: 34.58 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

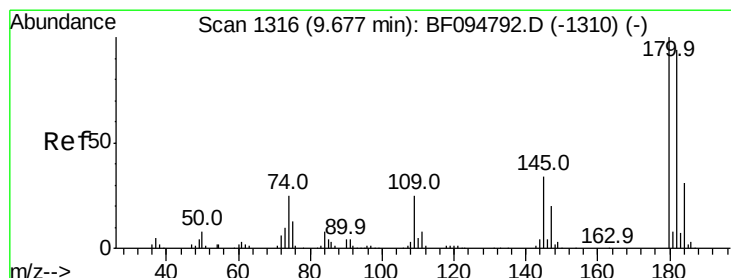
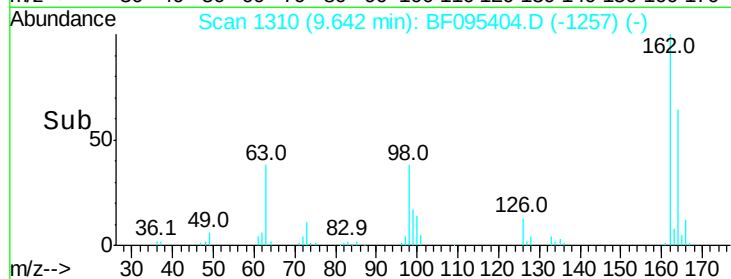
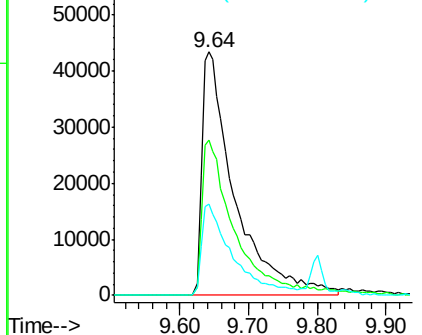
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		144586		
164	64.0	44.6	84.6		
98	37.6	14.8	54.8		

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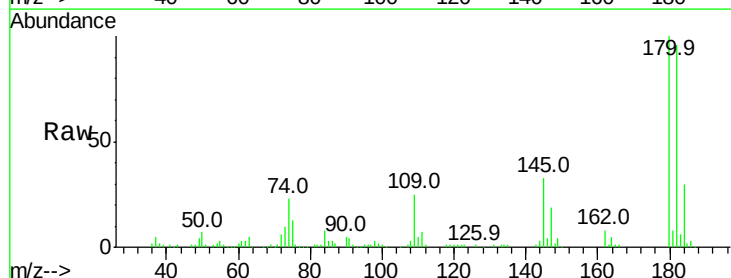


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

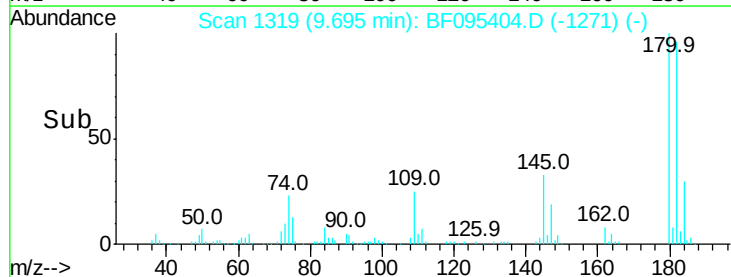
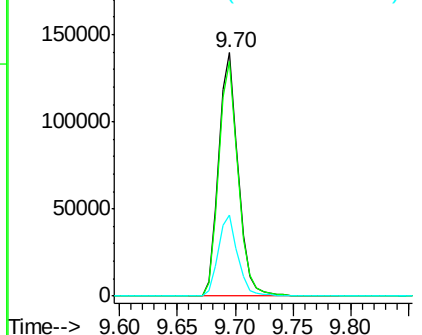


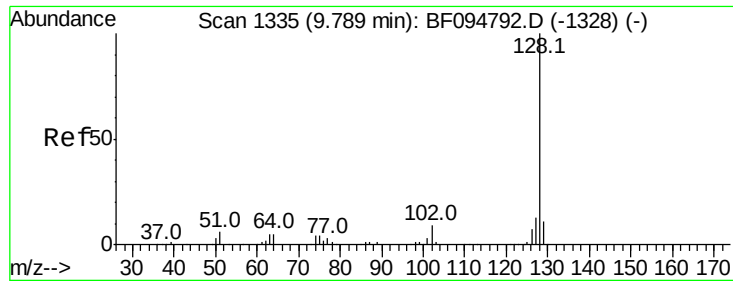
#30
 1,2,4-Trichlorobenzene
 Concen: 36.62 ng
 RT: 9.70 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		164046		
182	96.4	75.8	113.6		
145	33.3	25.3	37.9		



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





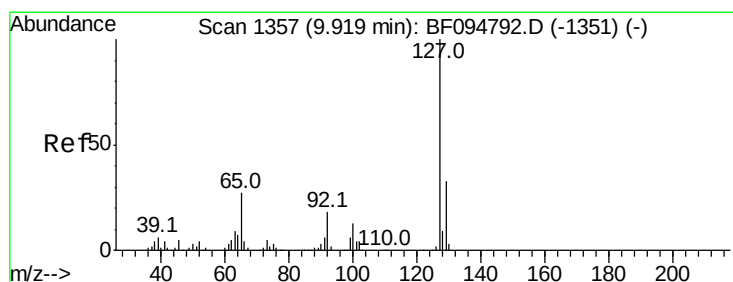
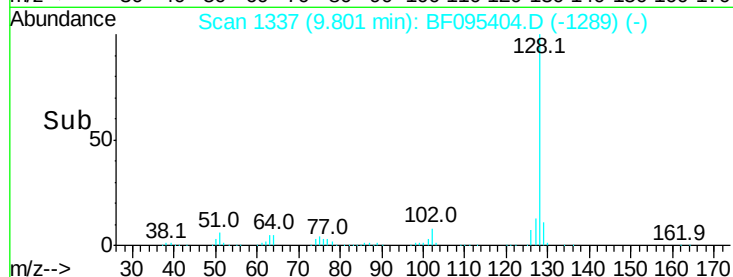
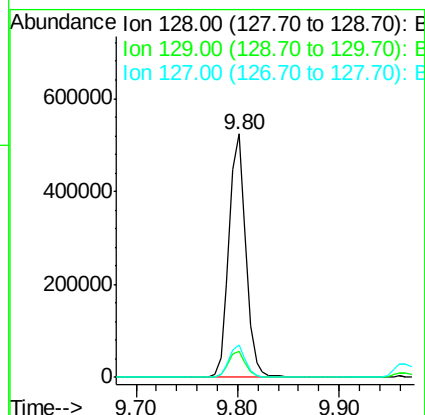
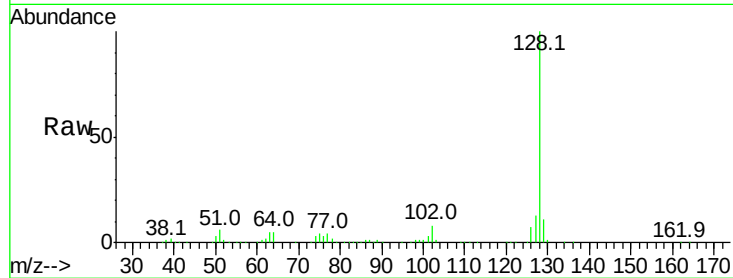
#31
Naphthalene
Concen: 39.77 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion:128	Resp:	610411
Ion Ratio	Lower	Upper
128	100	
129	10.9	9.0 13.6
127	13.3	10.8 16.2

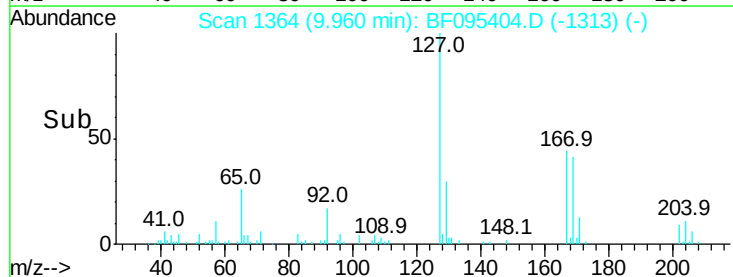
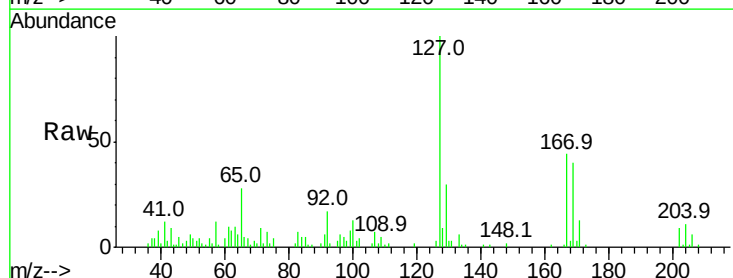
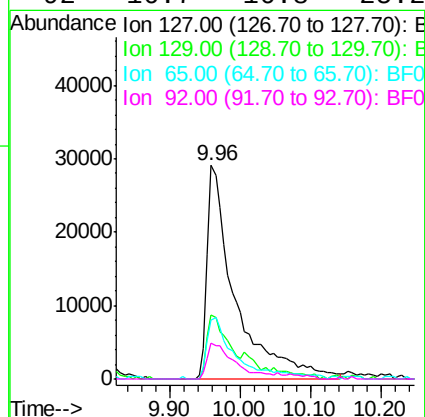
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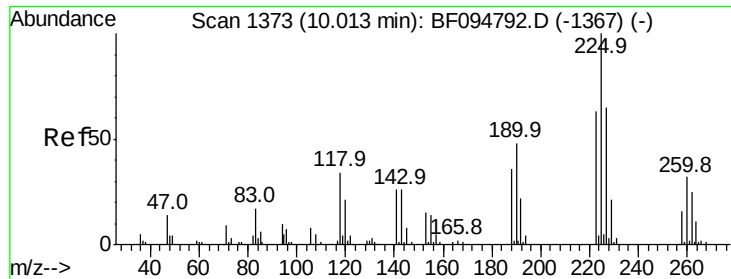
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#33
4-Chloroaniline
Concen: 14.16 ng
RT: 9.96 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion:127	Resp:	80996
Ion Ratio	Lower	Upper
127	100	
129	30.0	26.2 39.2
65	27.6	27.8 41.8#
92	16.7	16.8 25.2#





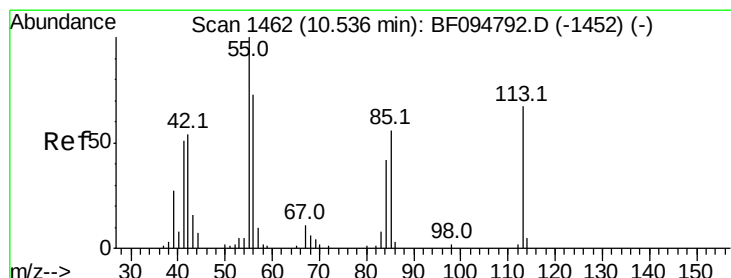
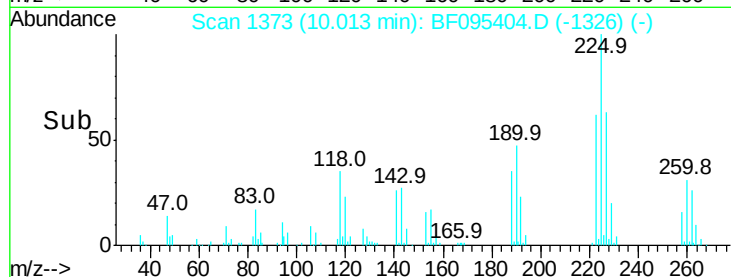
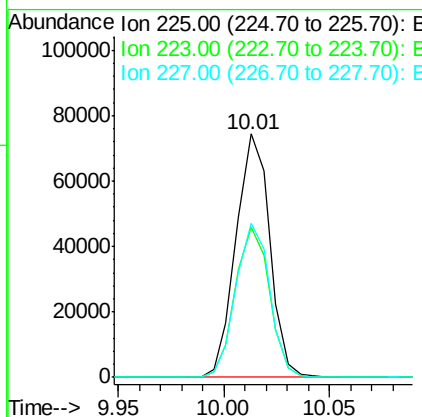
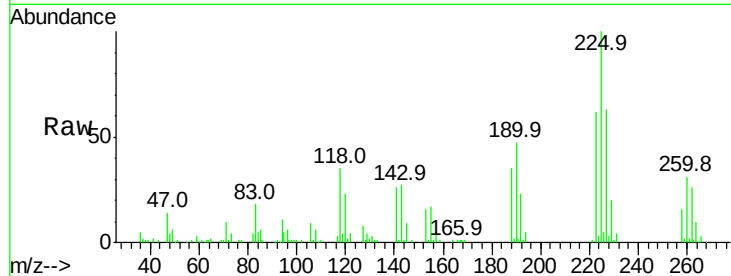
#34
Hexachlorobutadiene
Concen: 34.90 ng
RT: 10.01 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	82496		
223	61.6		48.8	73.2
227	63.4		51.1	76.7

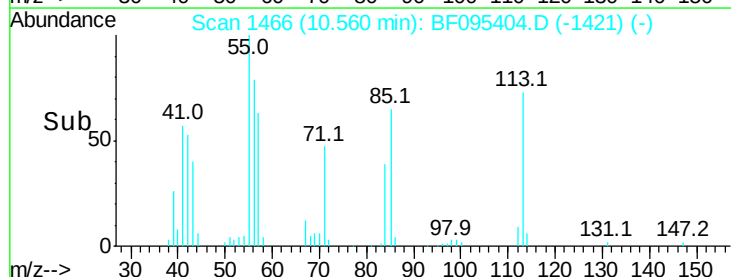
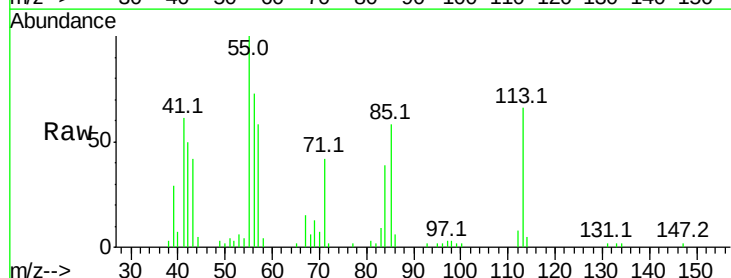
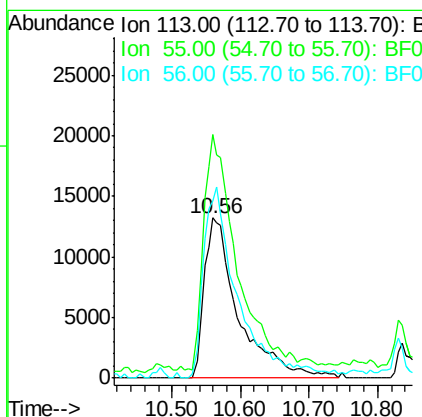
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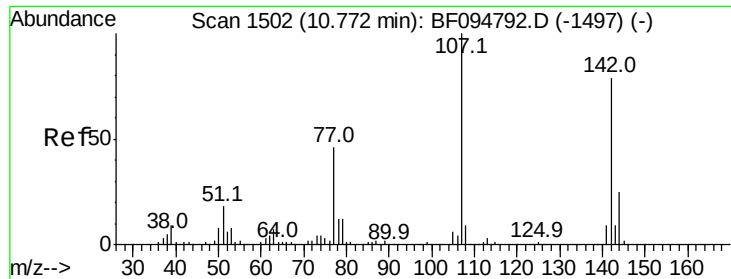
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#35
Caprolactam
Concen: 36.77 ng
RT: 10.56 min Scan# 1466
Delta R.T. -0.04 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	46160		
55	152.3		150.2	190.2
56	110.8		107.8	147.8





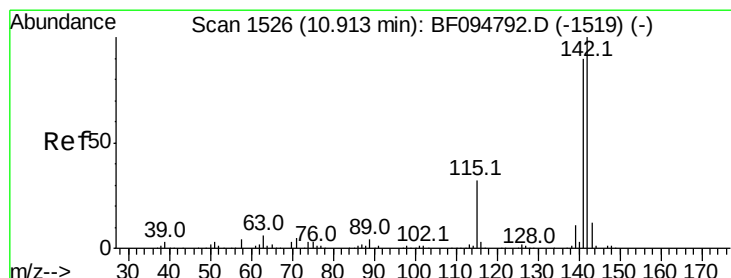
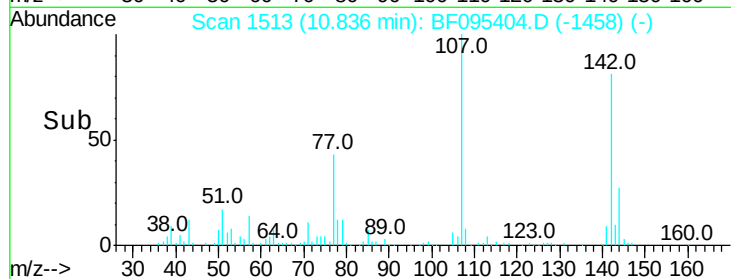
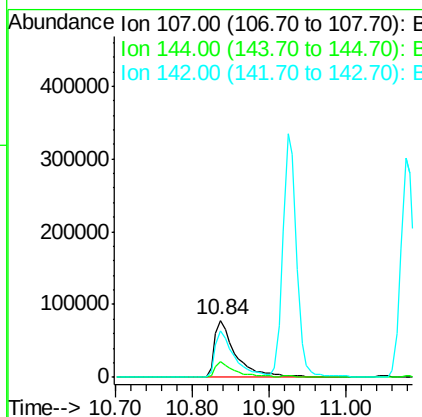
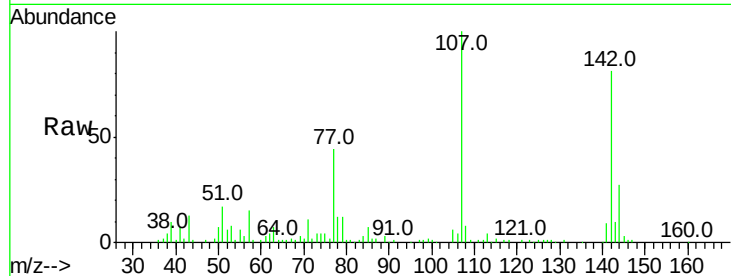
#36
 4-Chloro-3-methylphenol
 Concen: 33.34 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. 0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.9	24.2	36.4
142	81.4	73.4	110.0

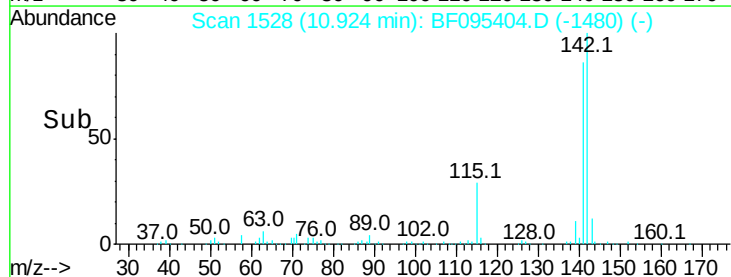
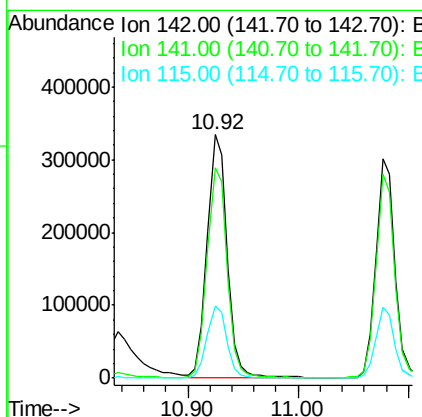
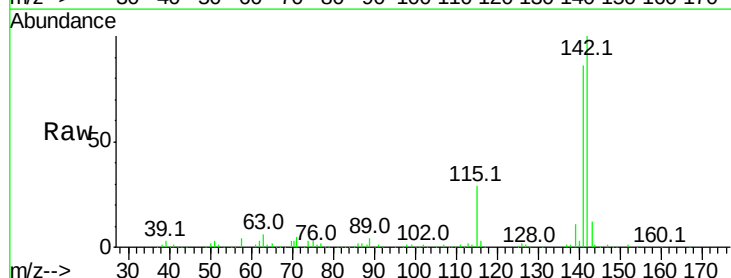
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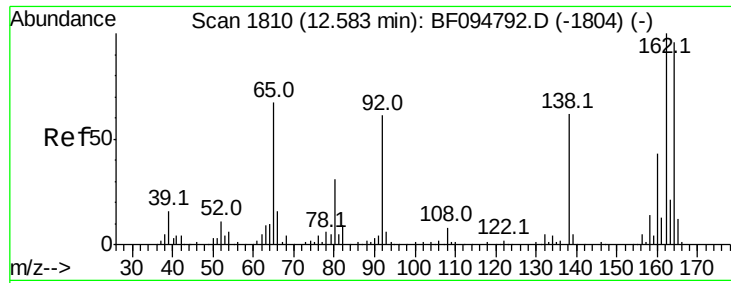
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#37
 2-Methylnaphthalene
 Concen: 40.90 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.3	106.9
115	29.4	27.1	40.7





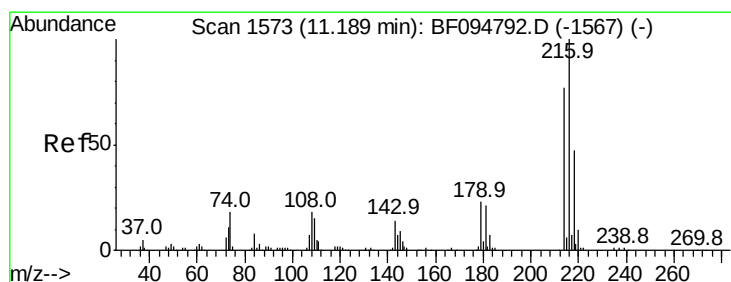
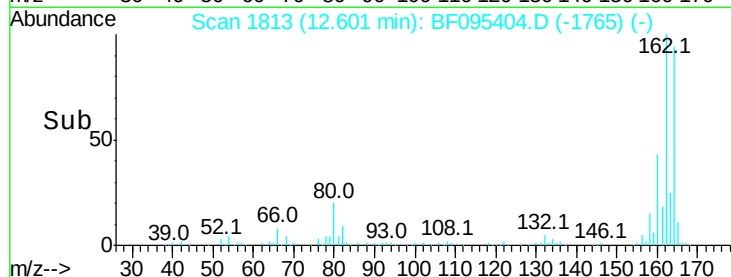
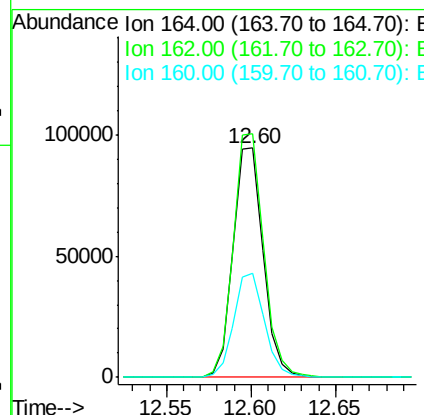
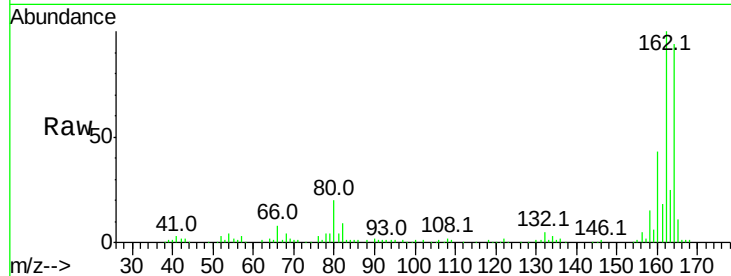
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	82.6	123.8
160	45.5	36.2	54.2

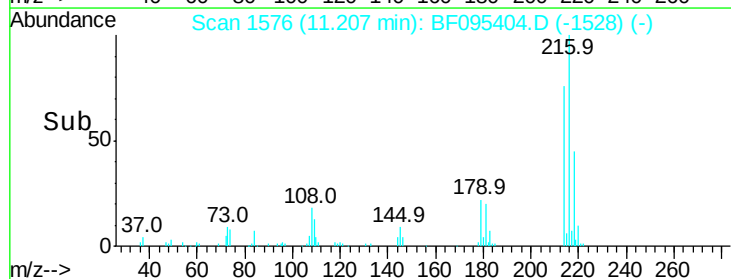
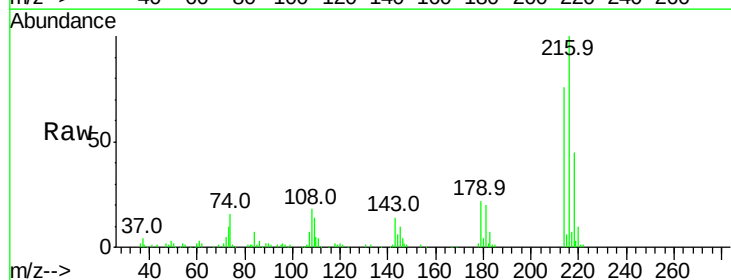
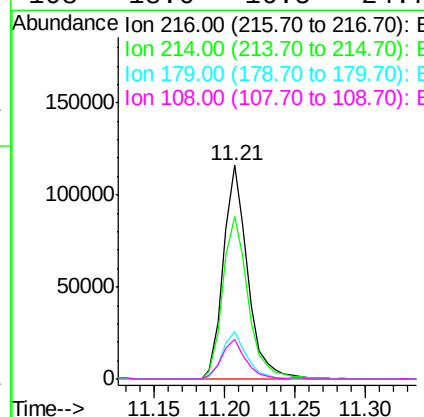
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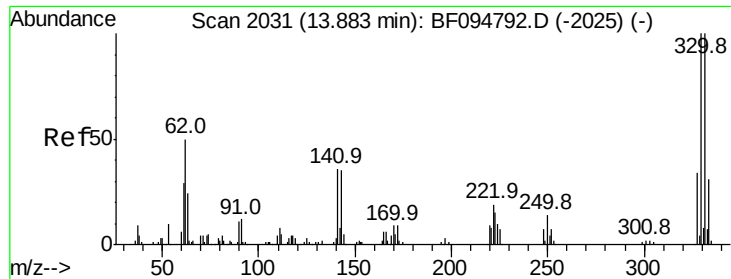
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.74 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.8	17.9	26.9
108	18.6	16.5	24.7





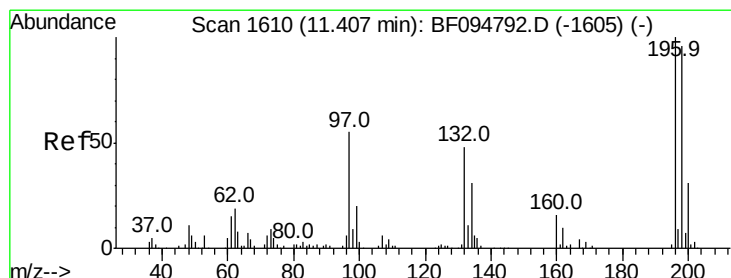
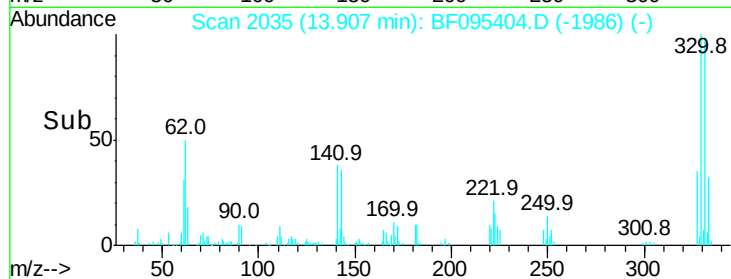
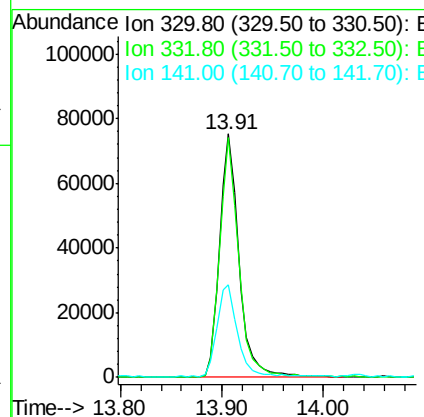
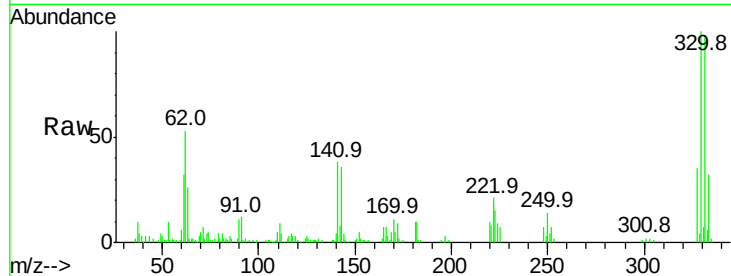
#41
 2,4,6-Tribromophenol
 Concen: 105.09 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	100741		
332	97.0		76.6	115.0
141	41.1		31.4	47.2

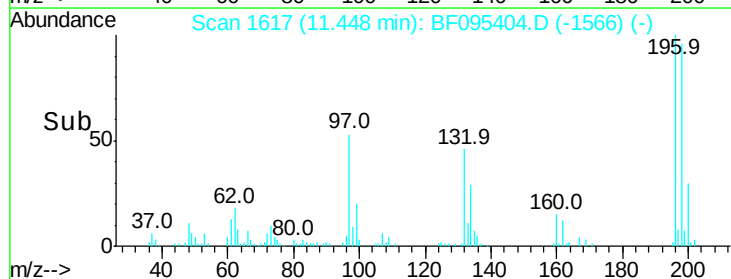
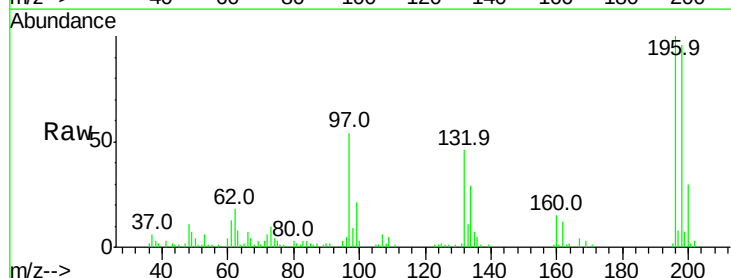
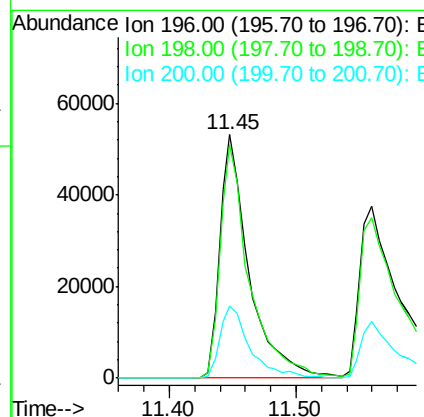
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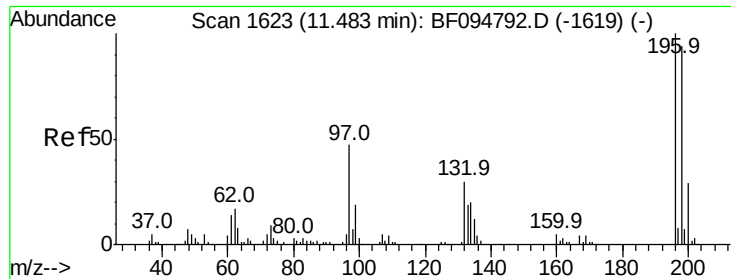
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#42
 2,4,6-Trichlorophenol
 Concen: 35.64 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	85661		
198	95.9		74.2	111.4
200	29.7		24.0	36.0





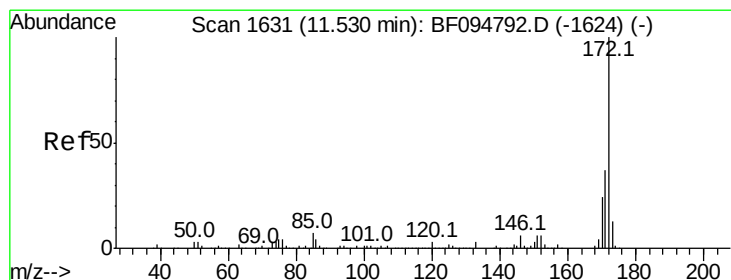
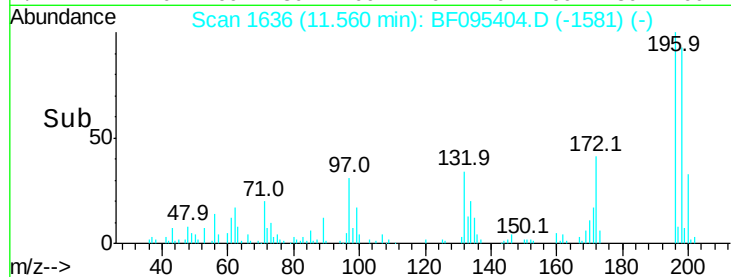
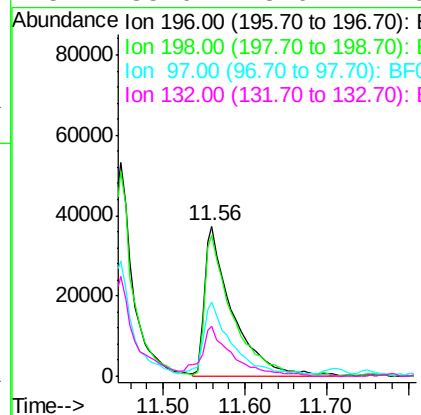
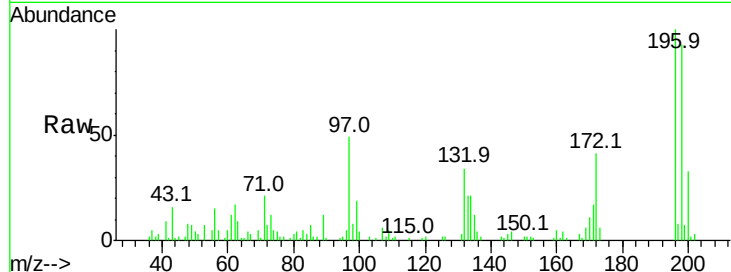
#43
 2,4,5-Trichlorophenol
 Concen: 34.57 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion:	196	Resp:	89293
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.7	113.5
97	49.2	47.7	71.5
132	33.6	28.0	42.0

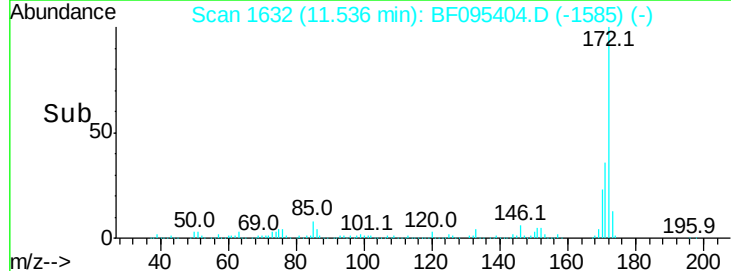
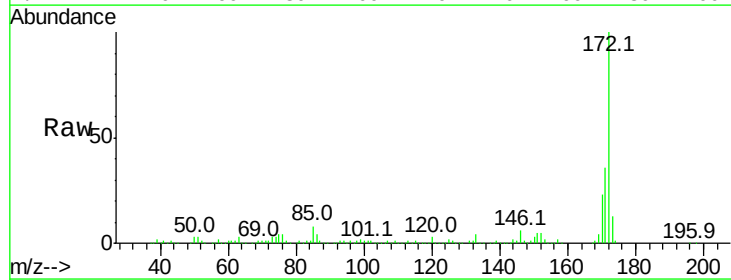
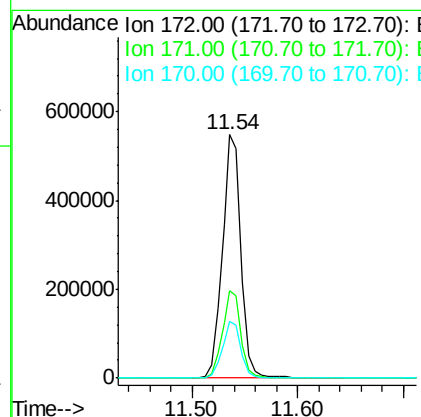
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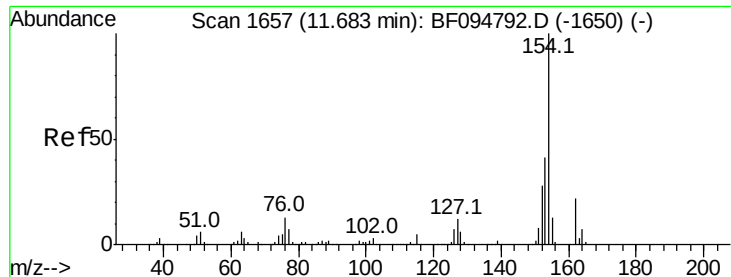
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 82.80 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion:	172	Resp:	673357
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	23.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.86 ng

RT: 11.69 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

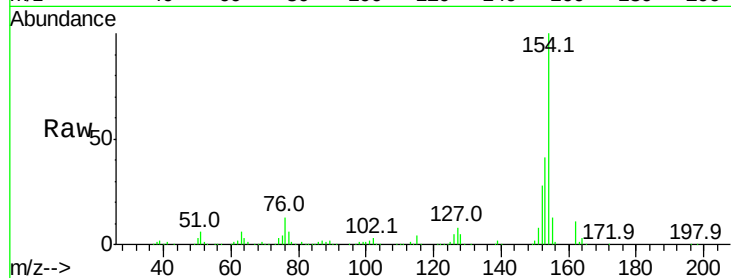
ClientSampleId :

R1-TP-1-SS-1MSD

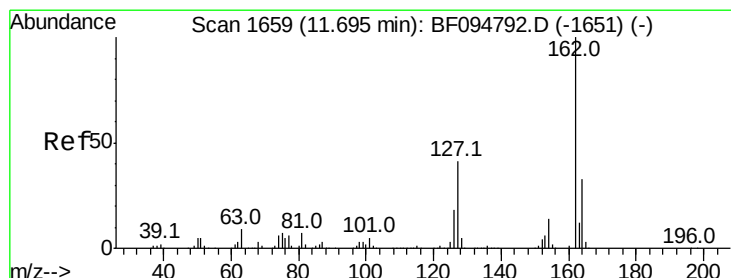
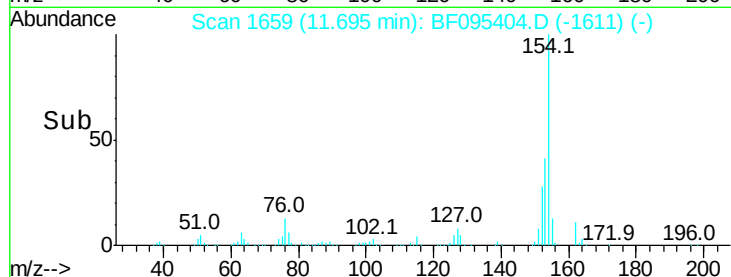
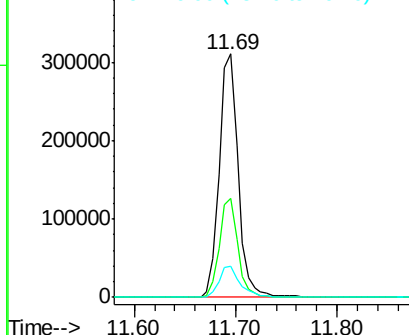
Tot Ion:	154	Resp:	402689
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.2	61.2
76	12.7	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 37.94 ng

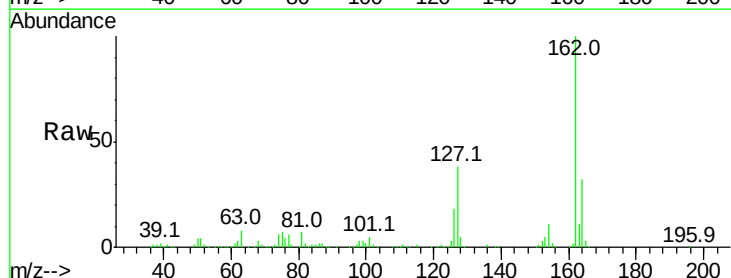
RT: 11.71 min Scan# 1662

Delta R.T. -0.02 min

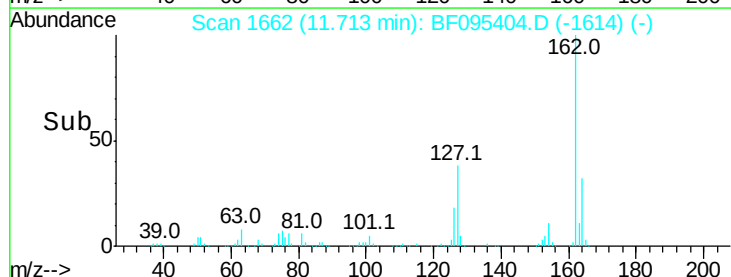
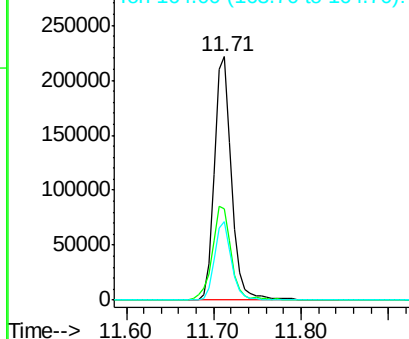
Lab File: BF095404.D

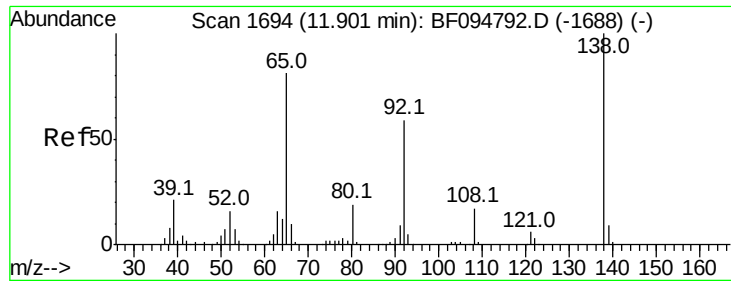
Acq: 24 May 2017 23:15

Tgt Ion:	162	Resp:	301926
Ion Ratio	Lower	Upper	
162	100		
127	37.7	28.3	42.5
164	32.4	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.74 ng

RT: 11.94 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion: 65 Resp: 86558
Ion Ratio Lower Upper

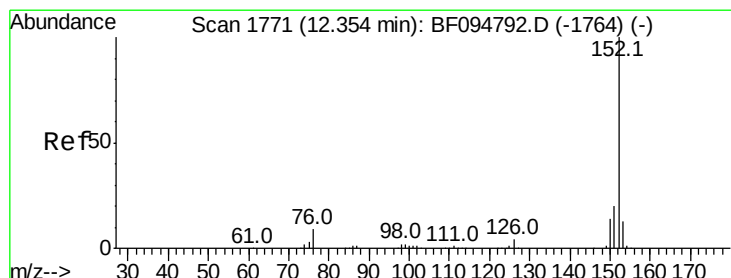
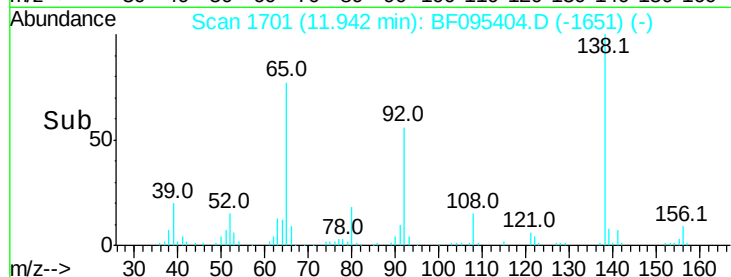
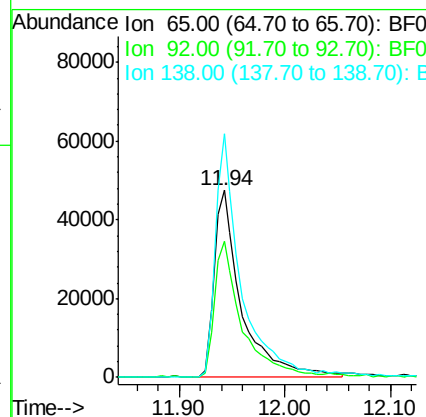
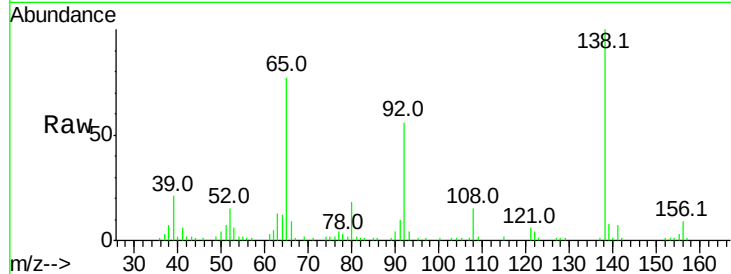
65 100

92 73.0 53.9 80.9

138 130.2 78.8 118.2#

Manual Integrations
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#48

Acenaphthylene

Concen: 37.99 ng

RT: 12.37 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF095404.D

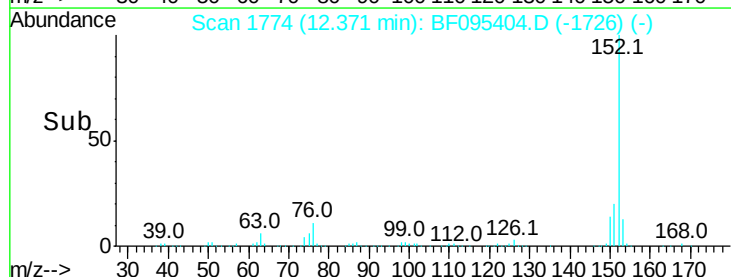
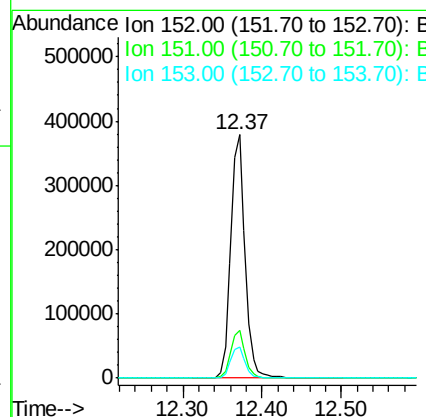
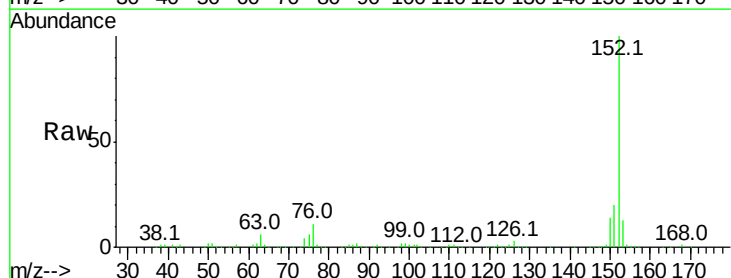
Acq: 24 May 2017 23:15

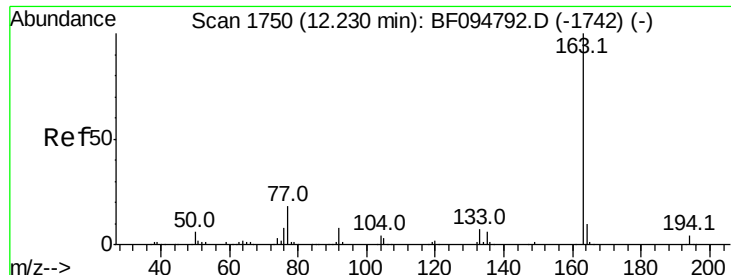
Tgt Ion:152 Resp: 473574
Ion Ratio Lower Upper

152 100

151 19.6 16.8 25.2

153 12.7 10.8 16.2





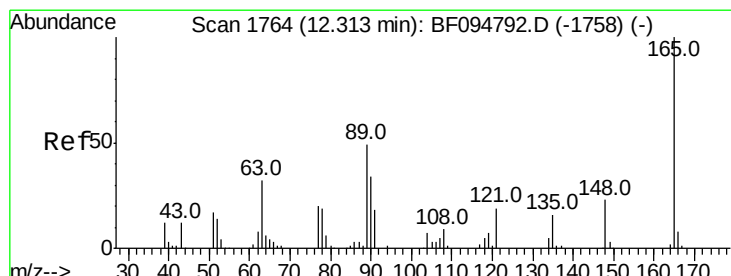
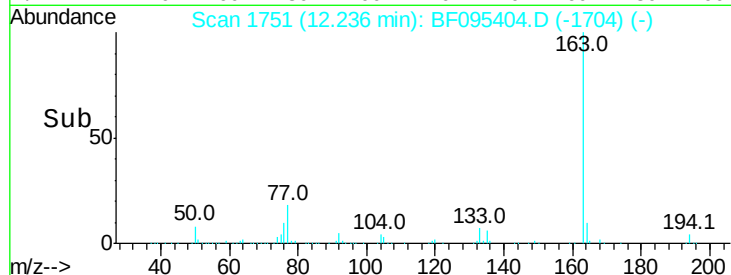
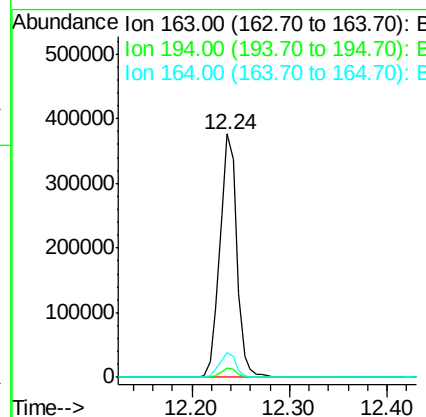
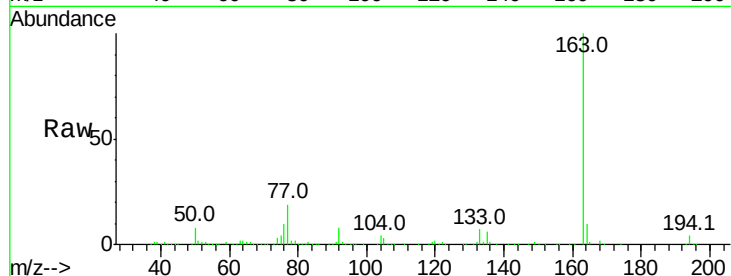
#49
Dimethylphthalate
Concen: 47.36 ng
RT: 12.24 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	455110		
194	3.6	2.6	4.0	
164	9.9	8.4	12.6	

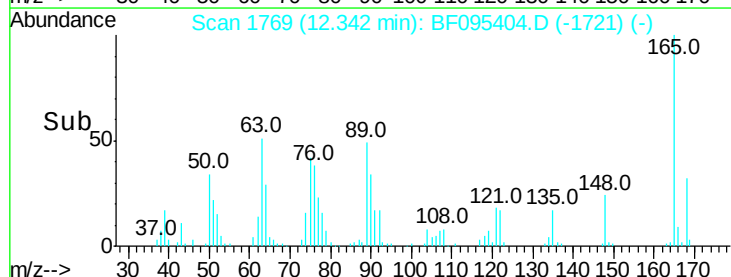
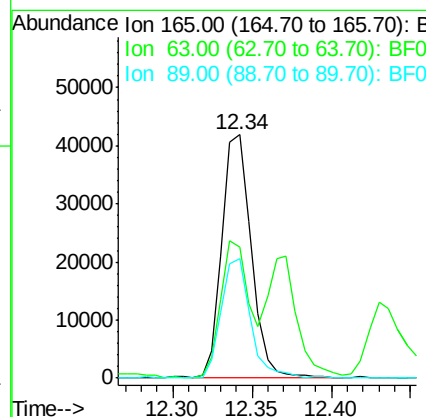
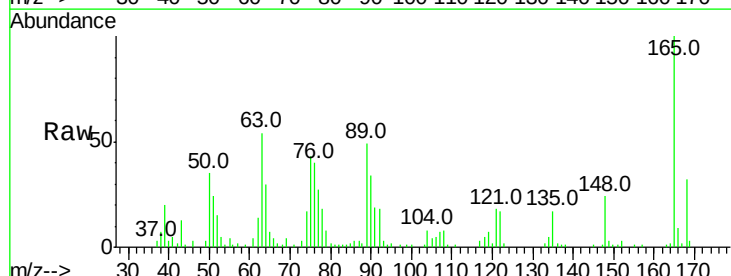
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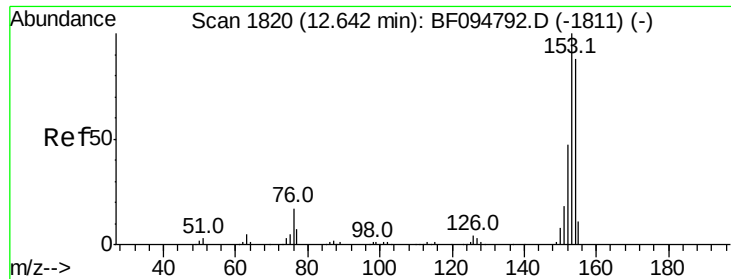
mohammad
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#50
2,6-Dinitrotoluene
Concen: 27.62 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54145		
63	53.7	34.3	51.5#	
89	48.9	37.1	55.7	





#51

Acenaphthene

Concen: 36.88 ng

RT: 12.65 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

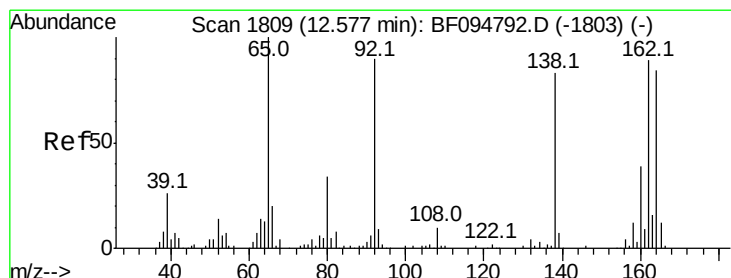
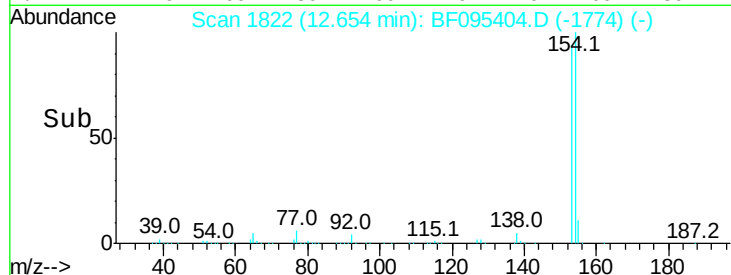
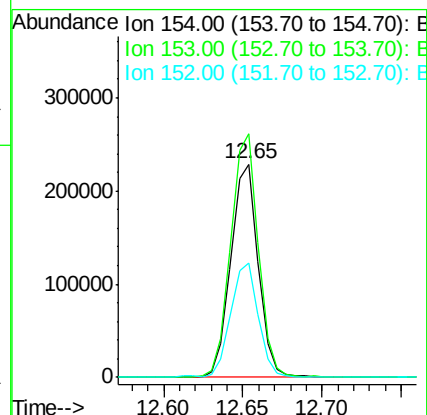
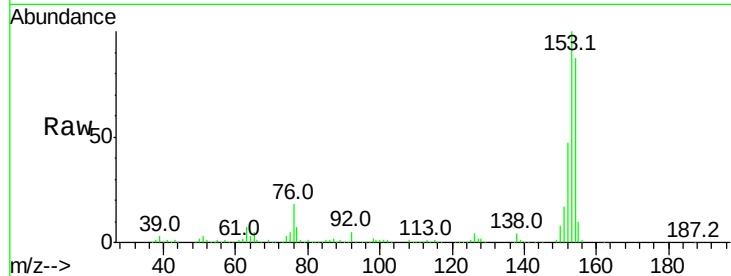
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	154	Resp:	274571
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.5	135.7
152	53.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 38.53 ng

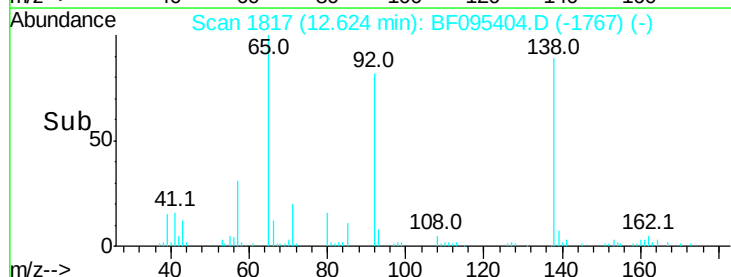
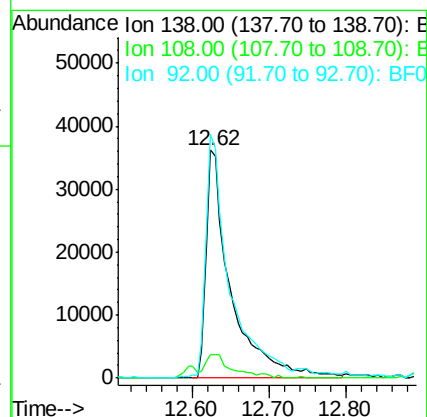
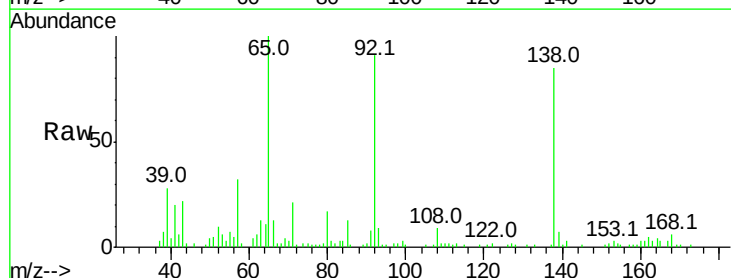
RT: 12.62 min Scan# 1817

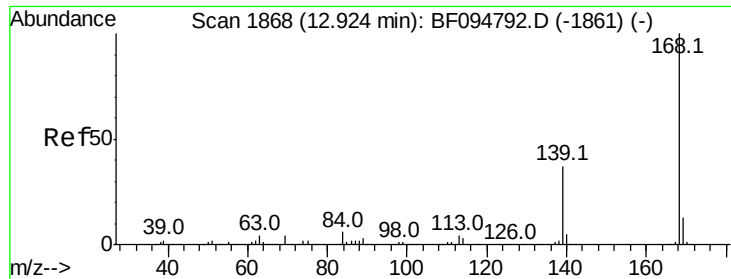
Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	138	Resp:	81079
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	106.9	93.8	140.6





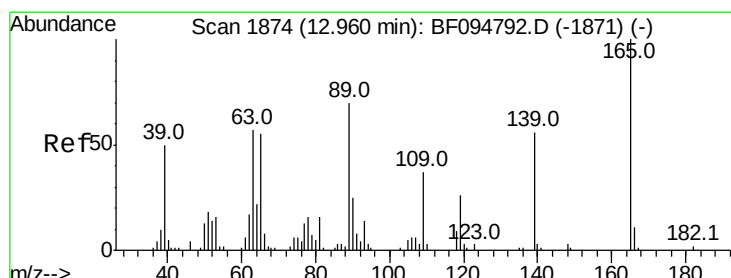
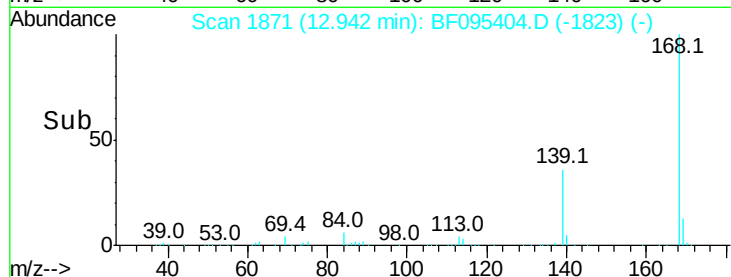
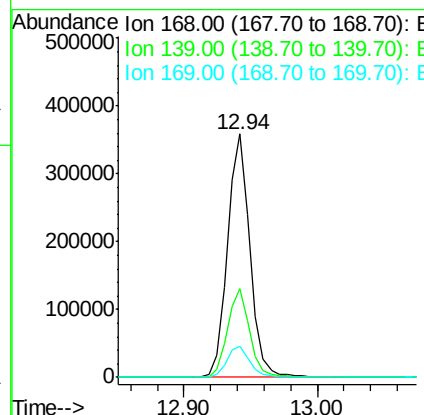
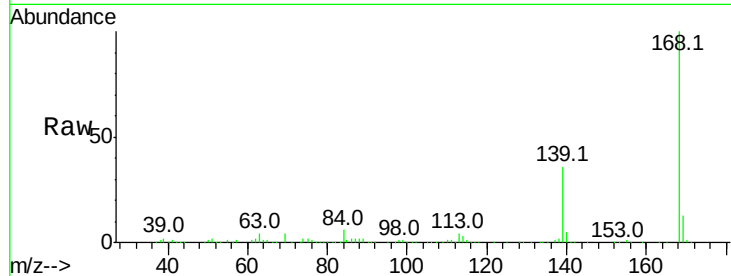
#54
Dibenzenofuran
Concen: 41.19 ng
RT: 12.94 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.6	45.8
169	13.0	10.8	16.2

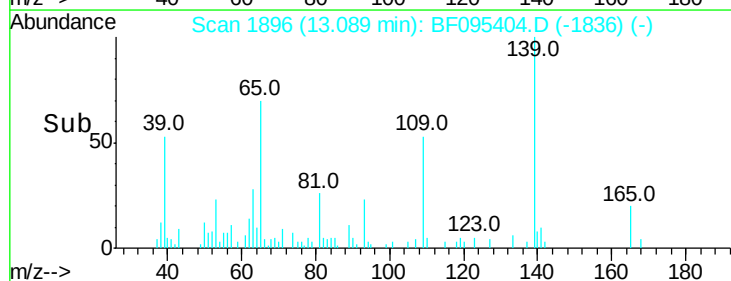
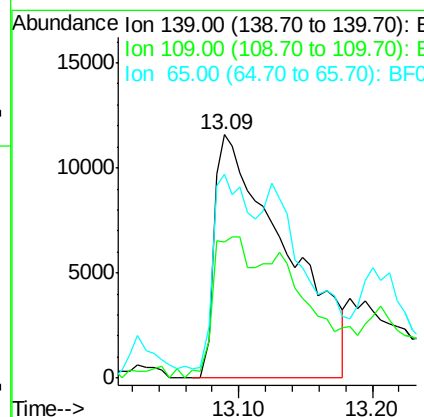
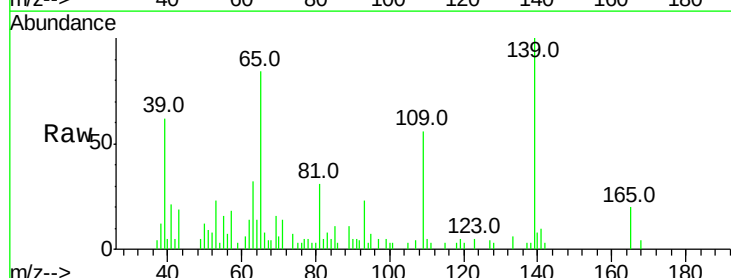
Manual Integrations
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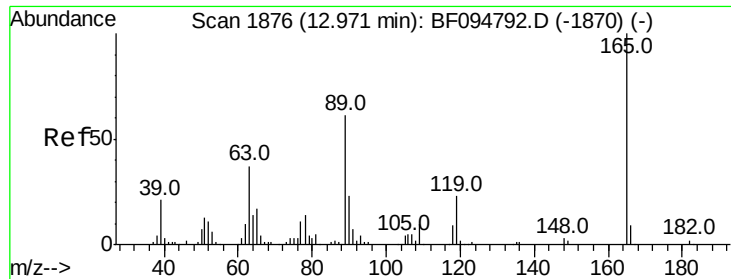
mohammad
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#55
4-Nitrophenol
Concen: 33.82 ng
RT: 13.09 min Scan# 1896
Delta R.T. 0.05 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.0	34.1	74.1
65	83.9	31.4	71.4#





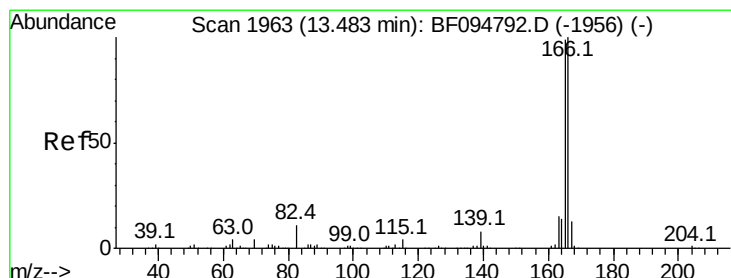
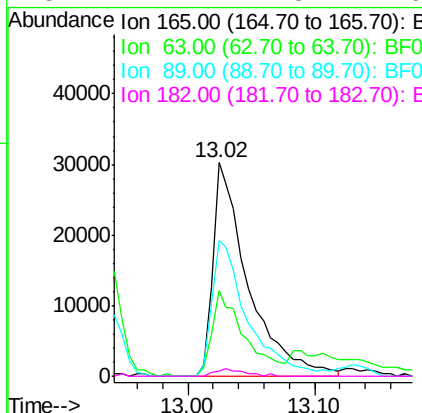
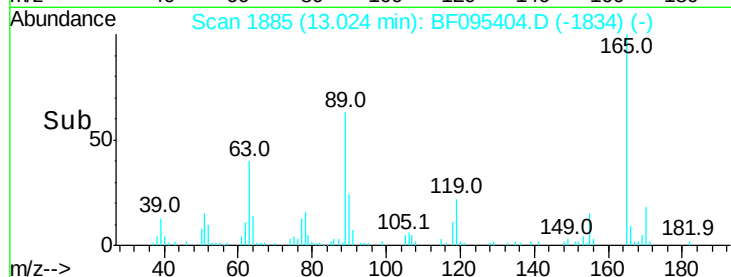
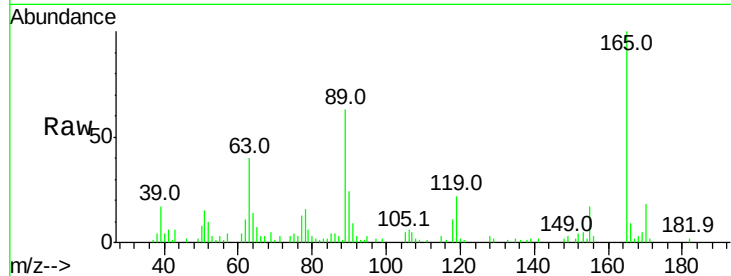
#56
2,4-Dinitrotoluene
Concen: 23.26 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	58596		
63	39.9	25.4	38.0#	
89	63.4	46.4	69.6	
182	2.2	1.8	2.6	

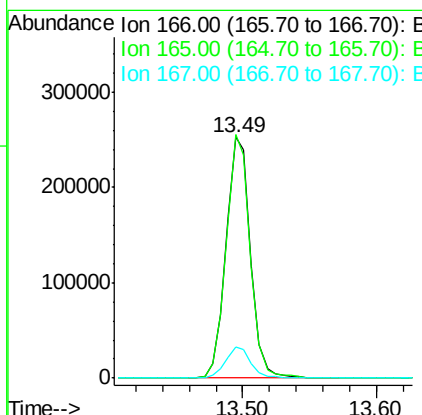
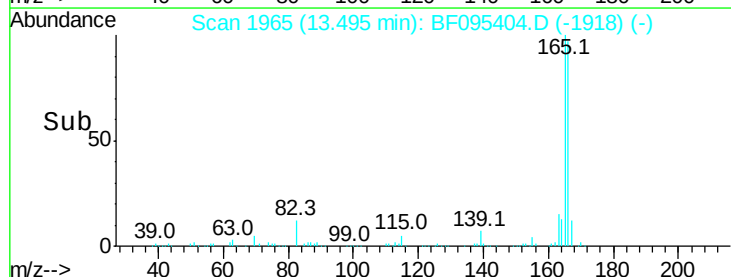
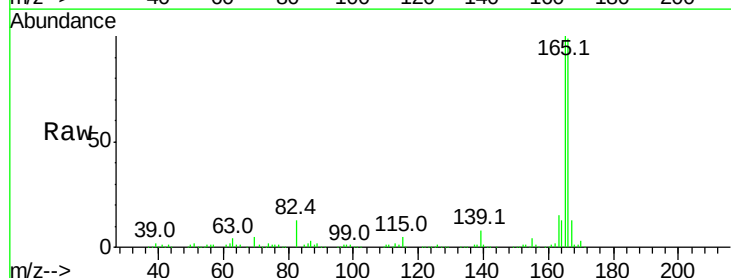
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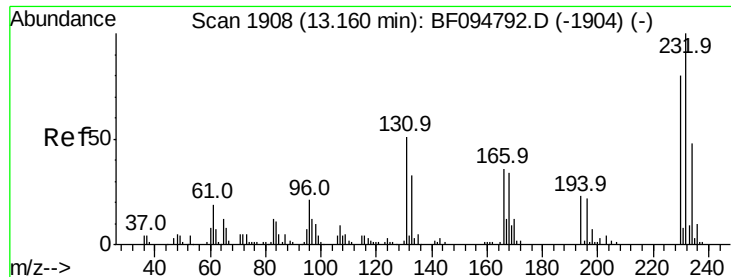
mohammad
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#57
Fluorene
Concen: 36.12 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	323596		
165	101.0	78.8	118.2	
167	13.0	10.6	16.0	





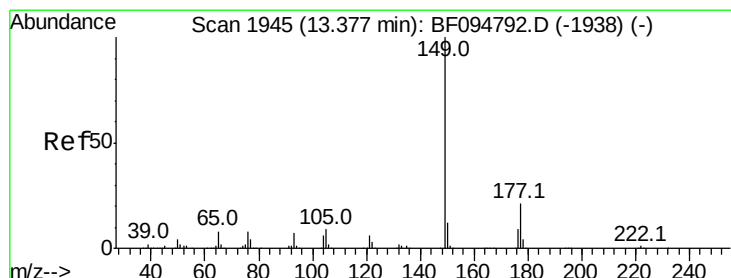
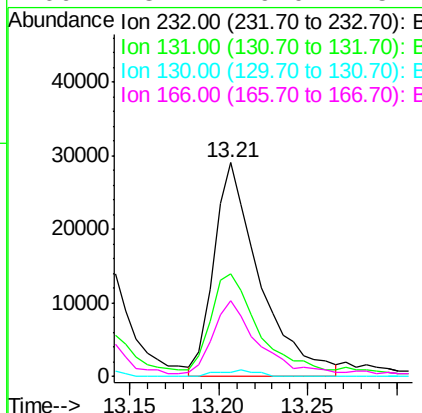
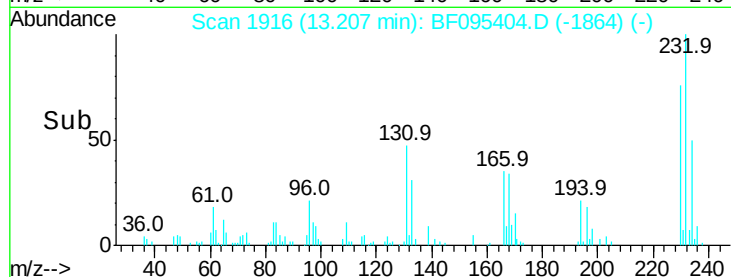
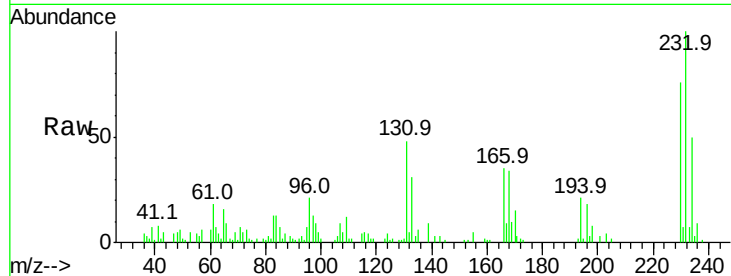
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.20 ng/ml
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.4	44.8	67.2#
130	2.3	2.3	3.5#
166	23.2	29.0	43.4#

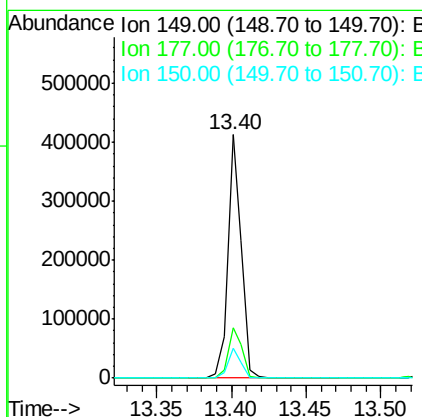
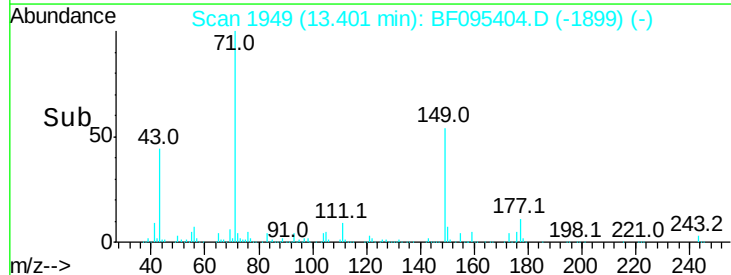
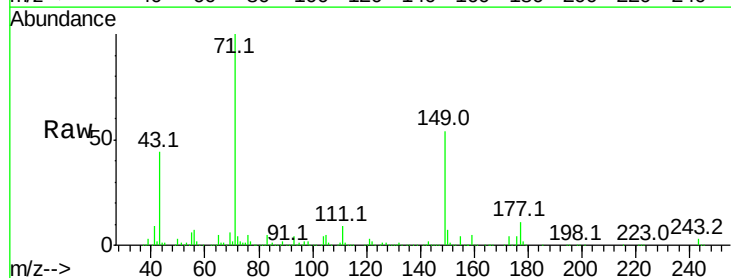
Manual Integrations
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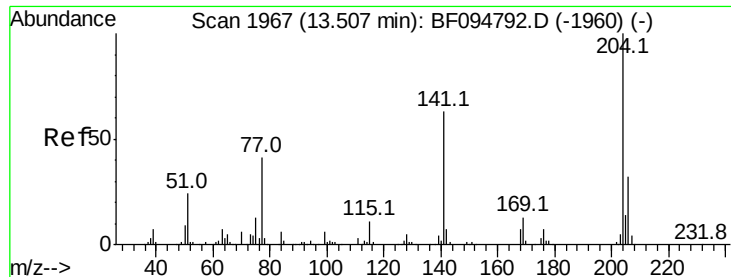
mohammad
 5/25/2017 6:00:29 PM



#59
 Diethylphthalate
 Concen: 28.53 ng
 RT: 13.40 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.3	10.2	15.2





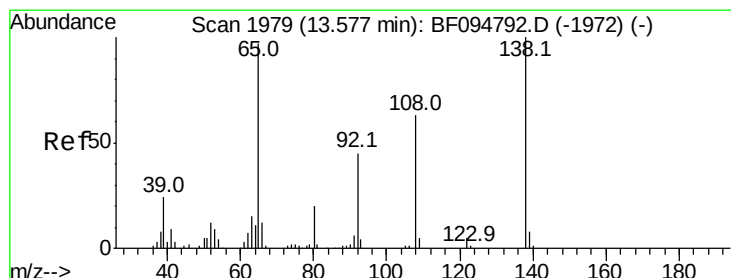
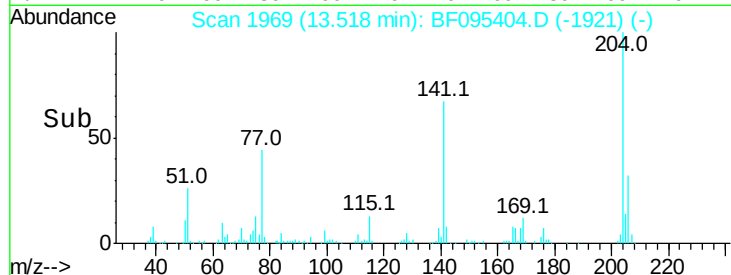
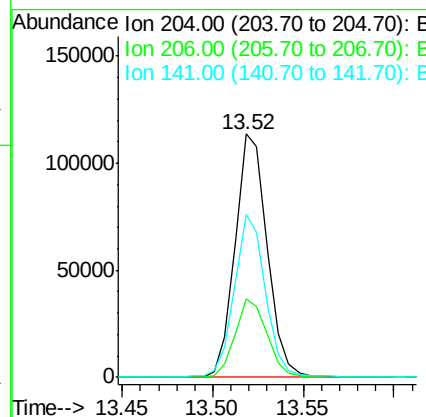
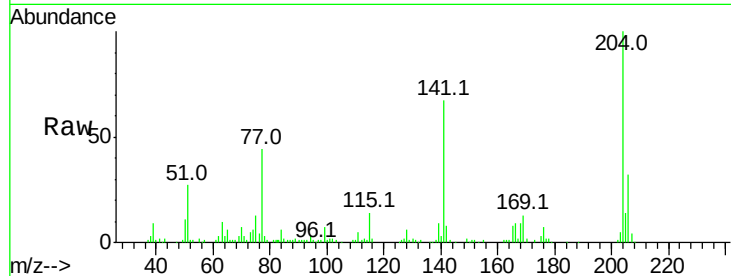
#60
4-Chlorophenyl-phenylether
Concen: 35.49 ng
RT: 13.52 min Scan# 1969
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	67.1	60.8	91.2

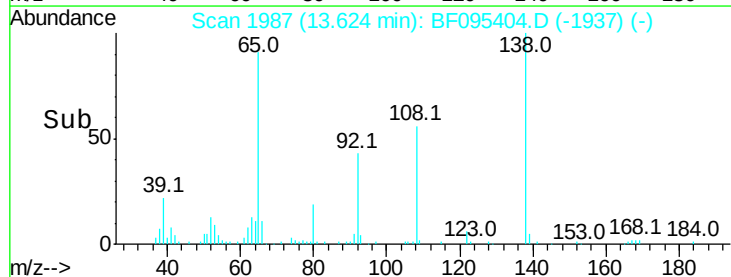
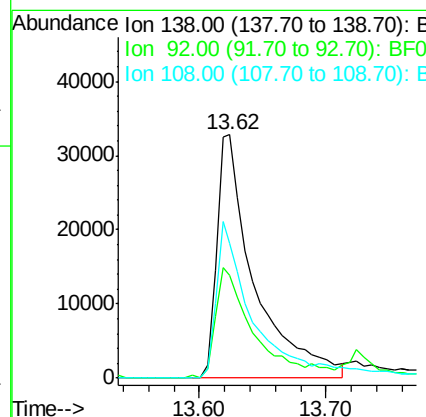
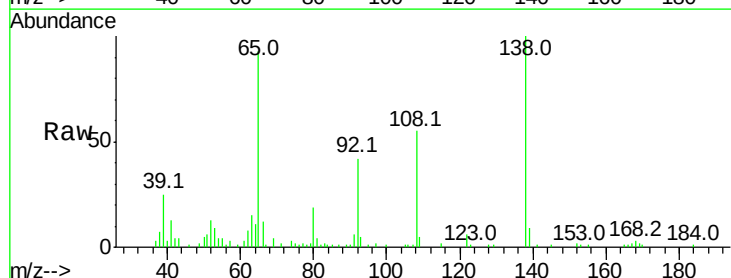
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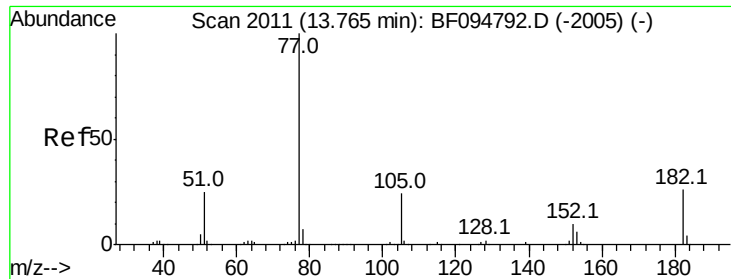
mohammad
5/25/2017 6:00:29 PM



#61
4-Nitroaniline
Concen: 35.26 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.2	21.8	61.8
108	55.3	42.3	82.3





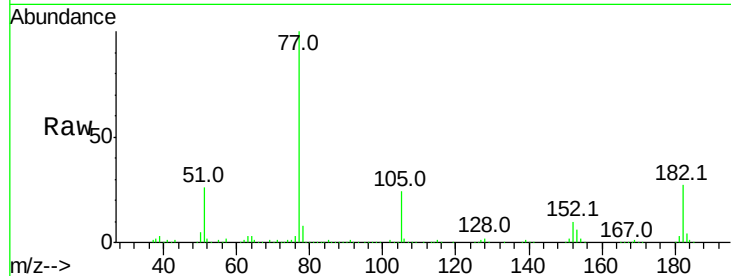
#62
Azobenzene
Concen: 36.81 ng
RT: 13.78 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

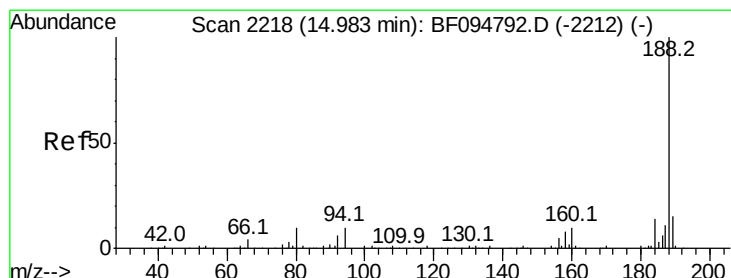
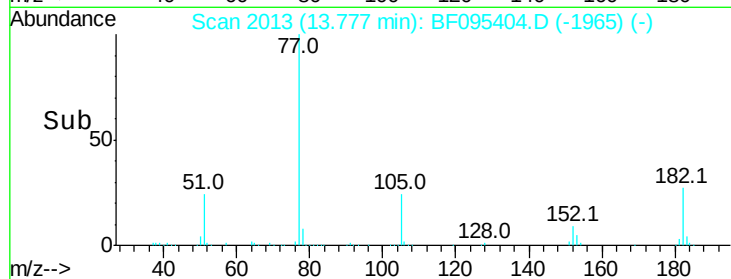
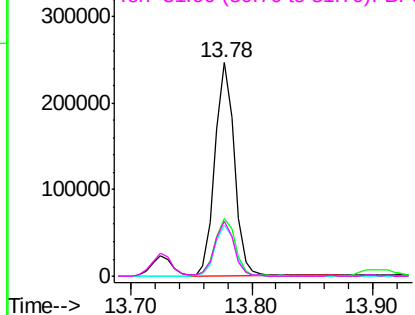
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		272460		
182	27.2	0.1	40.1		
105	24.0	3.6	43.6		
51	25.8	9.4	49.4		

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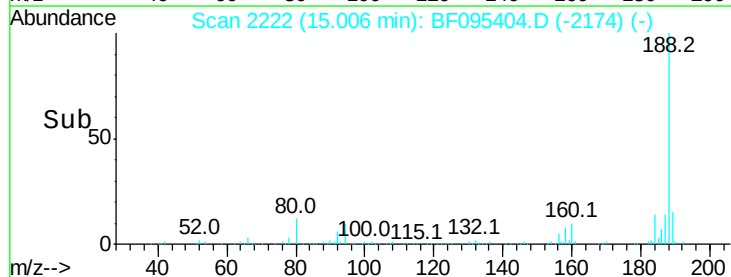
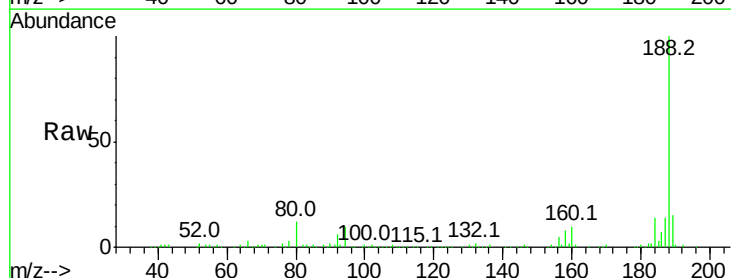
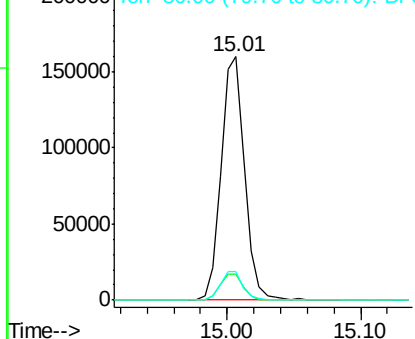
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

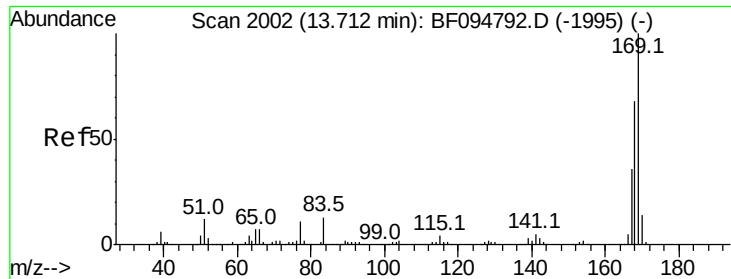


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		198313		
94	10.5	9.4	14.2		
80	11.5	10.2	15.2		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





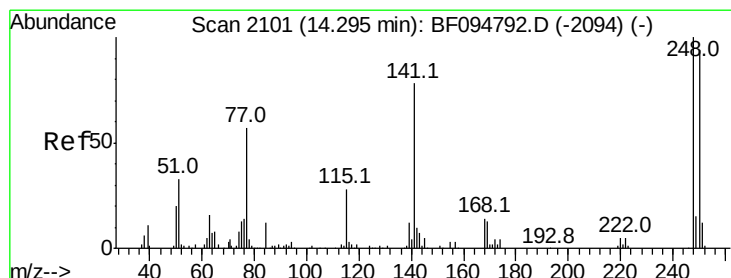
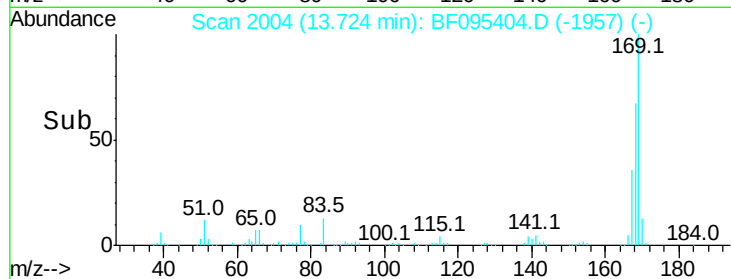
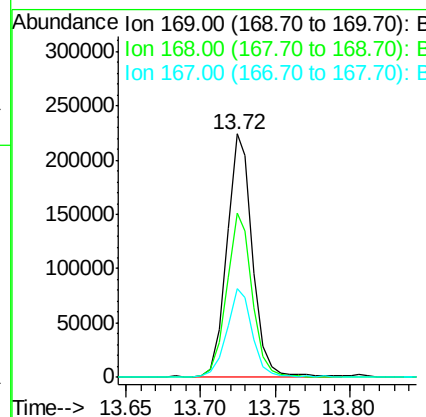
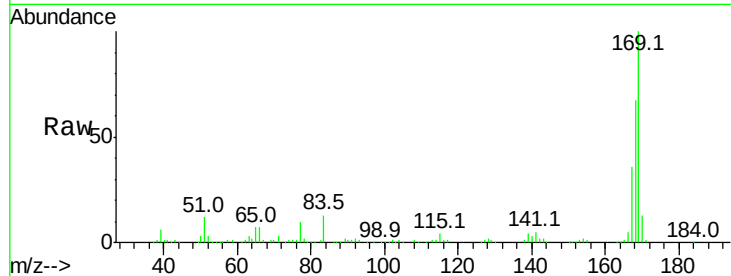
#65
n-Nitrosodiphenylamine
Concen: 37.74 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.3	29.5	44.3

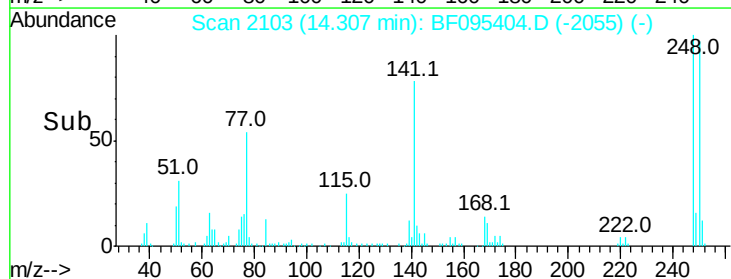
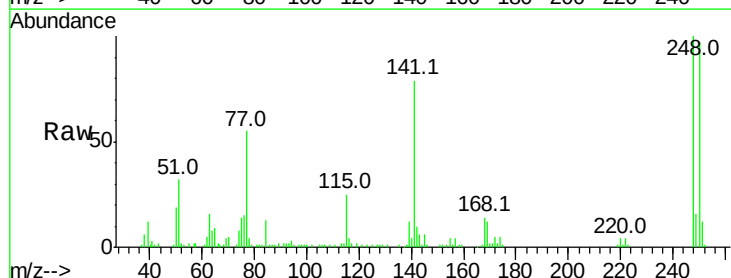
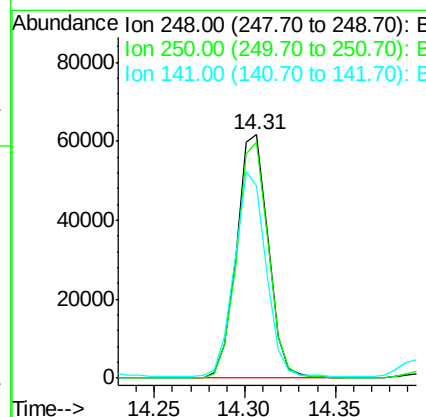
Manual Integrations
APPROVED

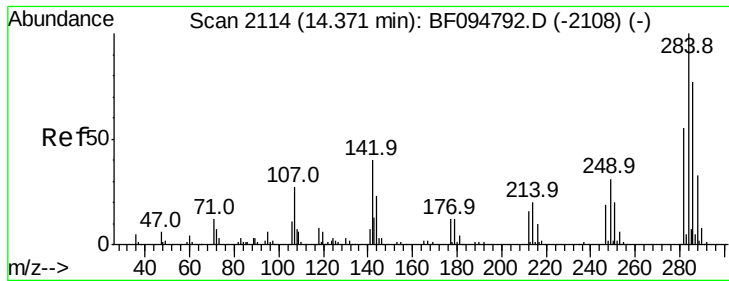
mohammad
5/25/2017 6:00:29 PM



#66
4-Bromophenyl-phenylether
Concen: 35.80 ng
RT: 14.31 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.8	115.2
141	78.9	68.6	103.0





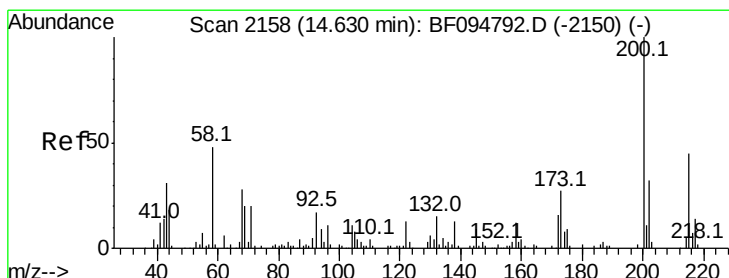
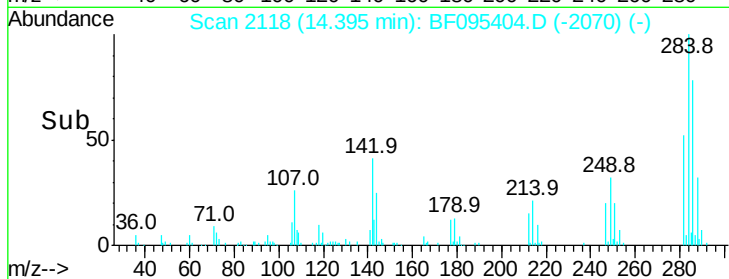
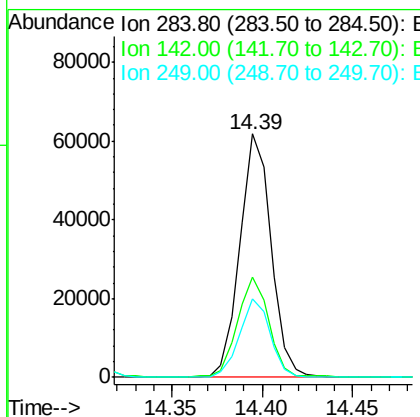
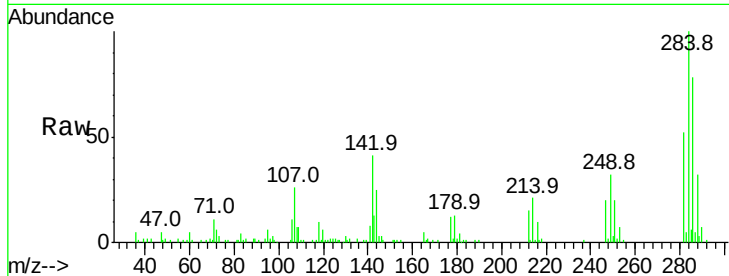
#67
Hexachlorobenzene
Concen: 34.42 ng
RT: 14.39 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	41.1	22.8	34.2	
249	32.4	24.0	36.0	

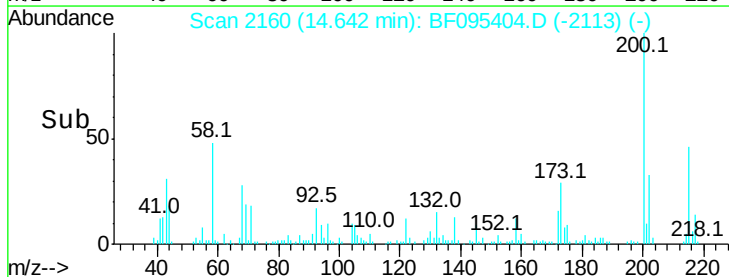
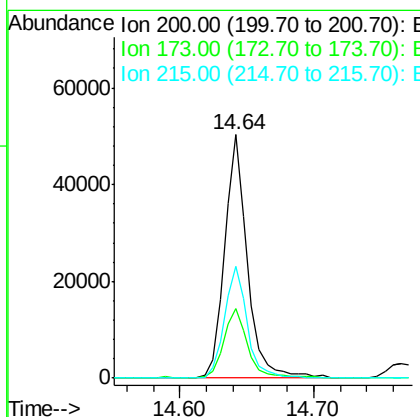
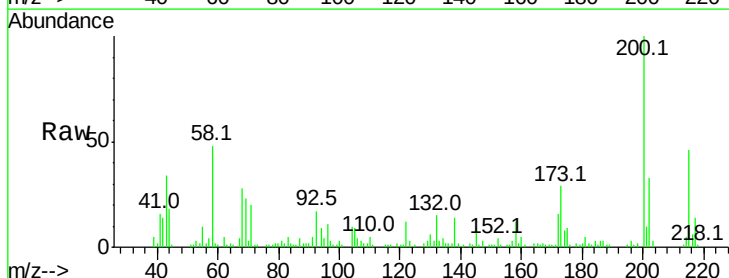
Manual Integrations
APPROVED

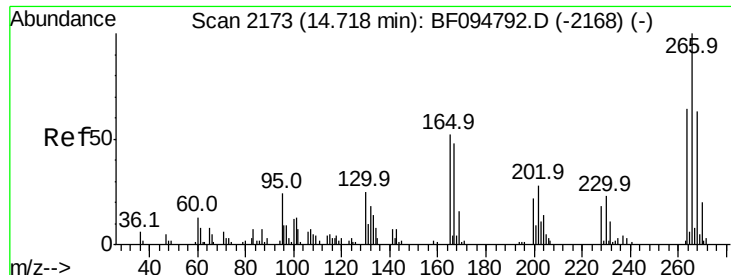
mohammad
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#68
Atrazine
Concen: 29.52 ng
RT: 14.64 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.7	6.3	46.3	
215	46.1	27.2	67.2	





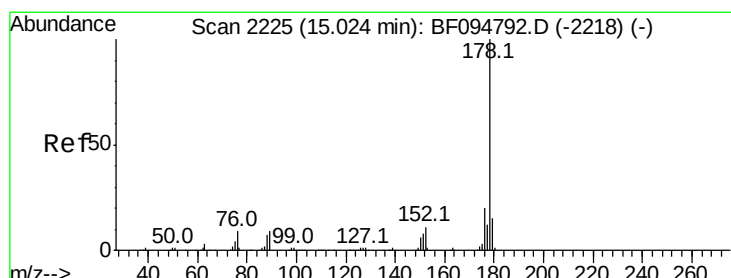
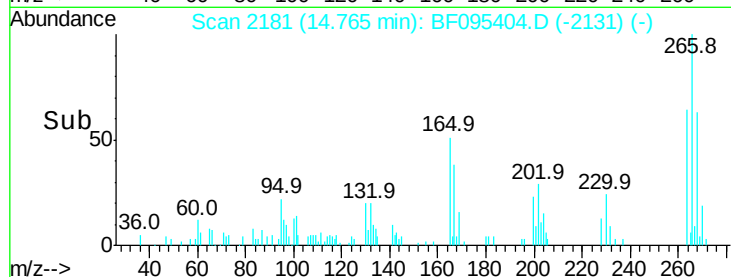
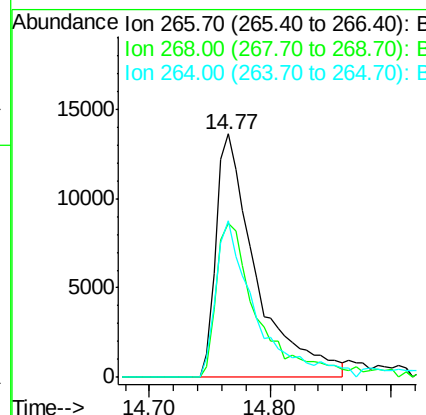
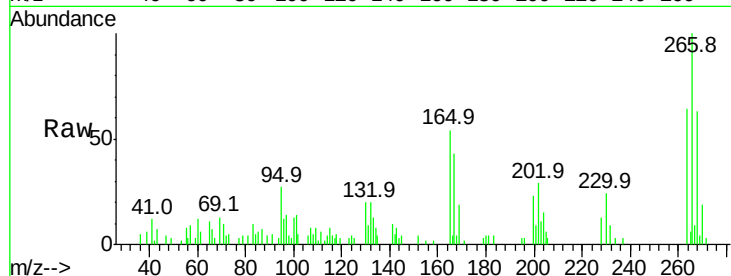
#69
 Pentachlorophenol
 Concen: 35.74 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	64.1	51.7	77.5

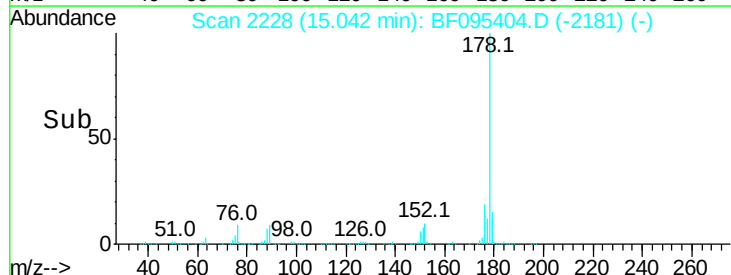
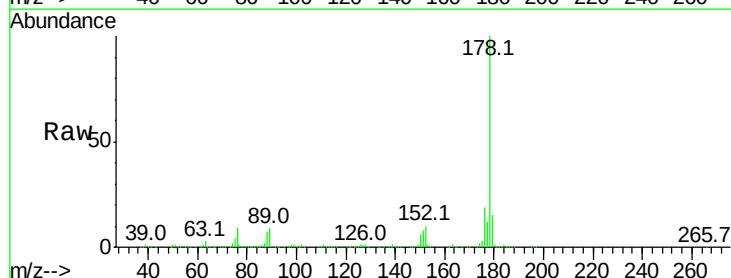
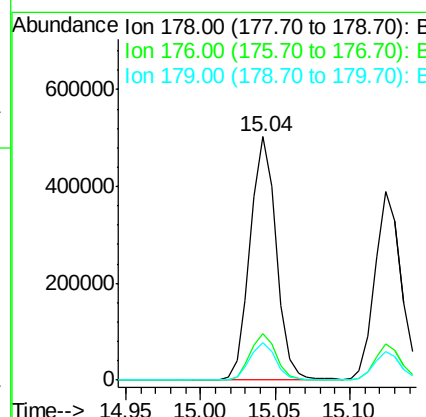
Manual Integrations
 APPROVED

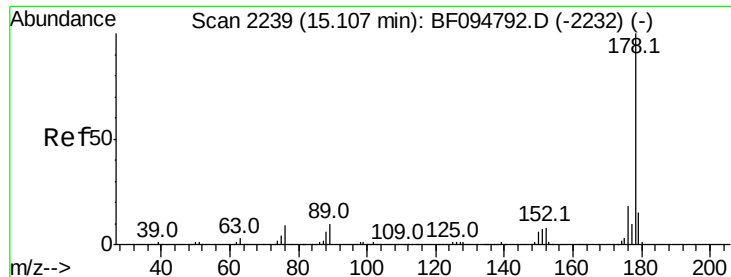
mohammad
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#70
 Phenanthrene
 Concen: 53.31 ng
 RT: 15.04 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.5	12.6	19.0





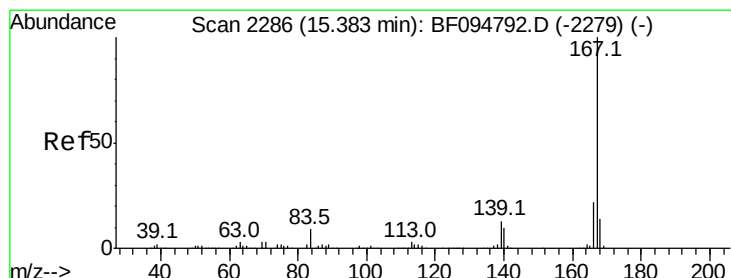
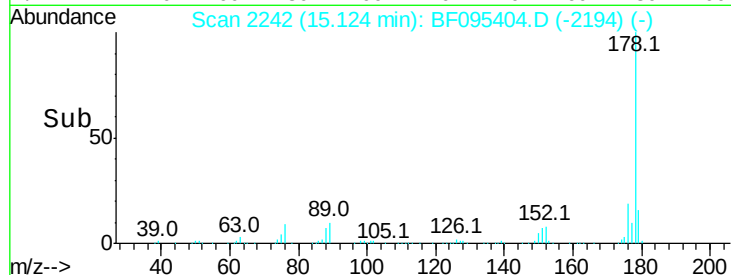
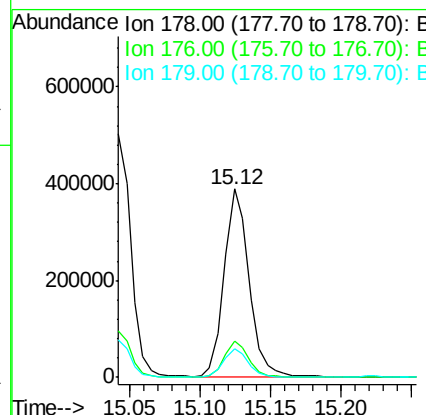
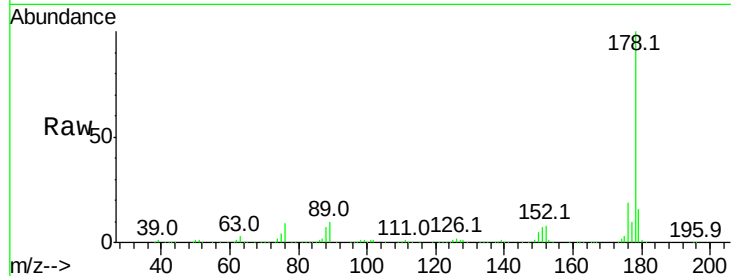
#71
 Anthracene
 Concen: 40.97 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

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

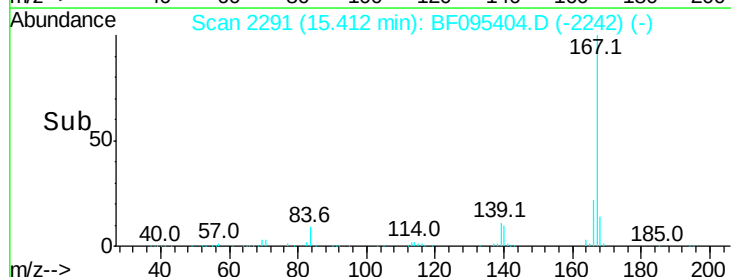
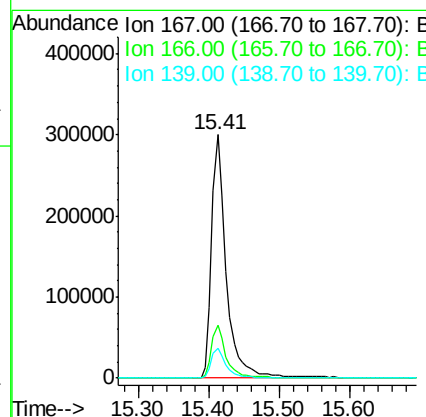
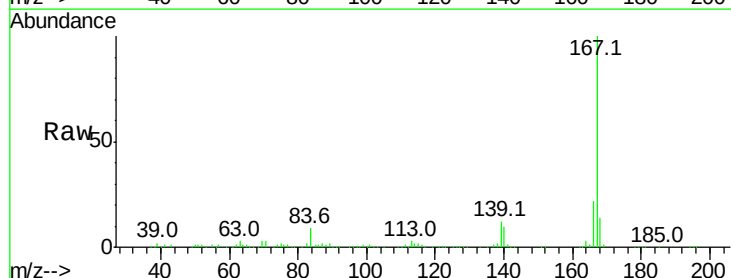
Manual Integrations
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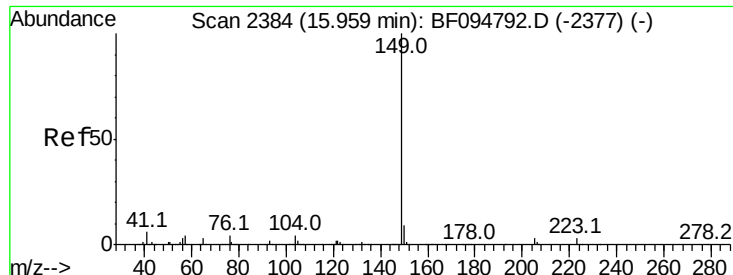
mohammad
 5/25/2017 6:00:29 PM



#72
 Carbazole
 Concen: 41.17 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 37.82 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

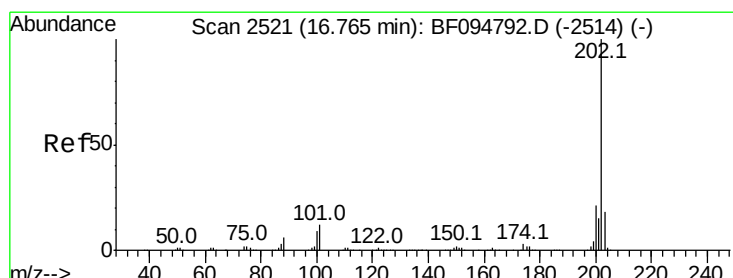
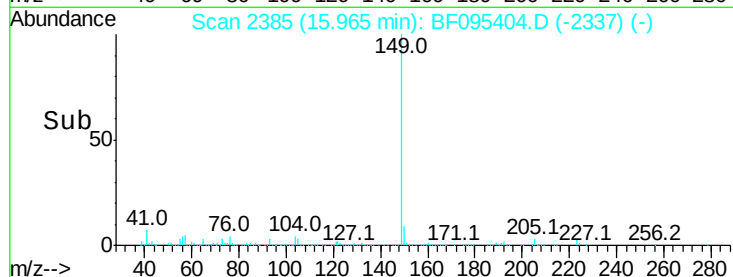
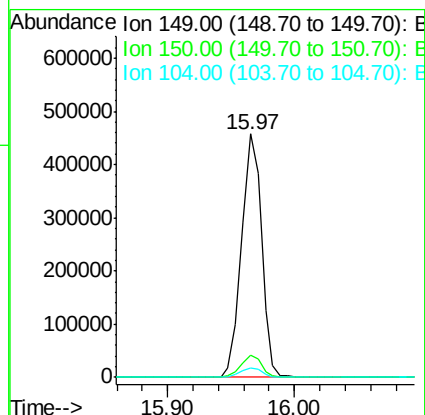
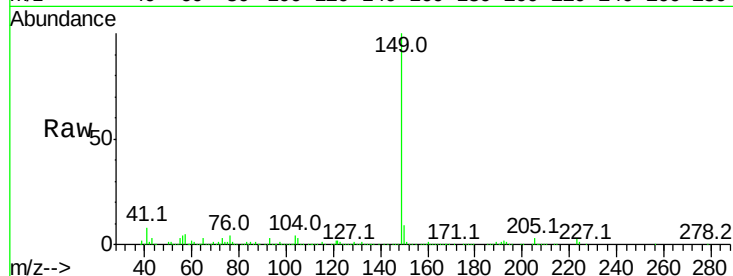
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	149	Resp:	499492
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	3.9	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 67.47 ng

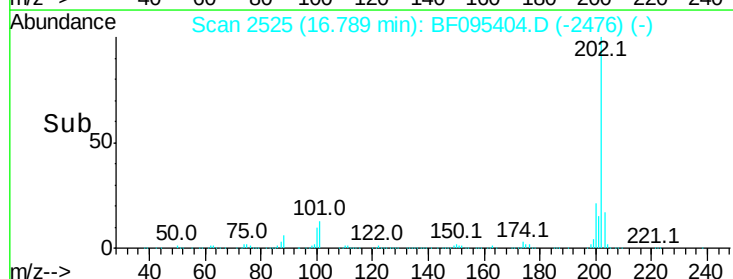
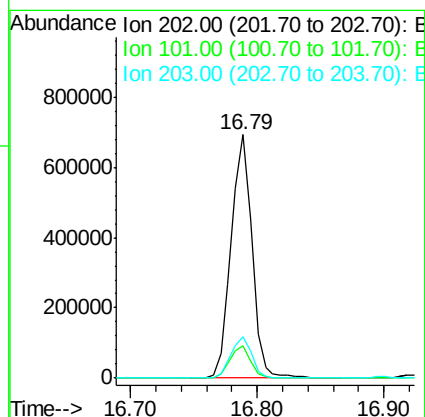
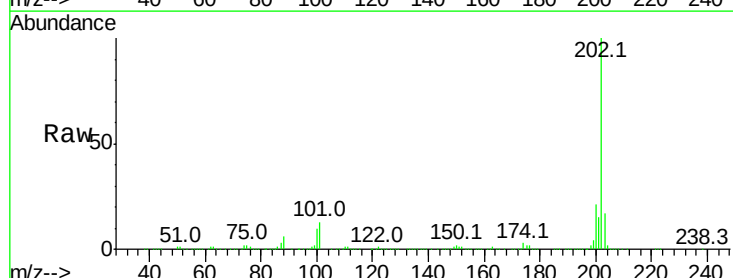
RT: 16.79 min Scan# 2525

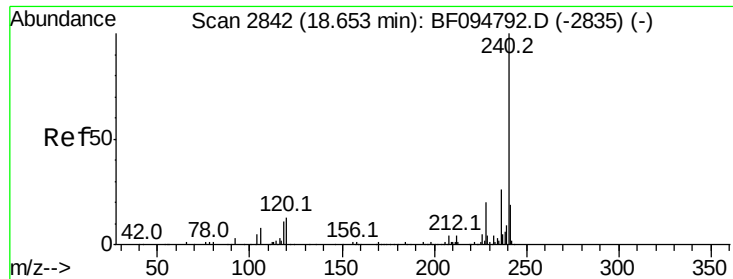
Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	202	Resp:	788625
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

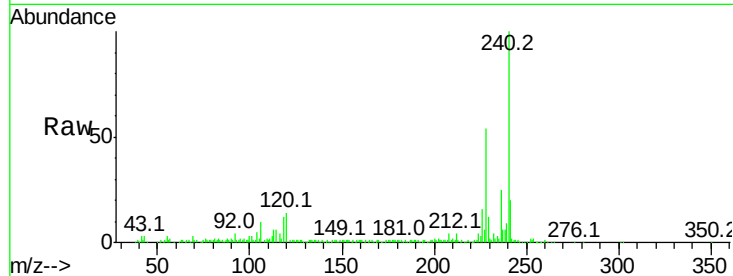
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	24.9	20.5	30.7

Manual Integrations
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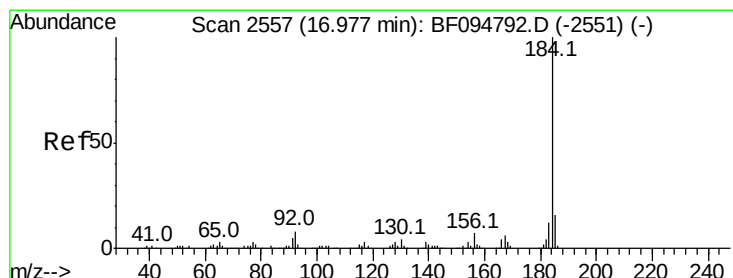
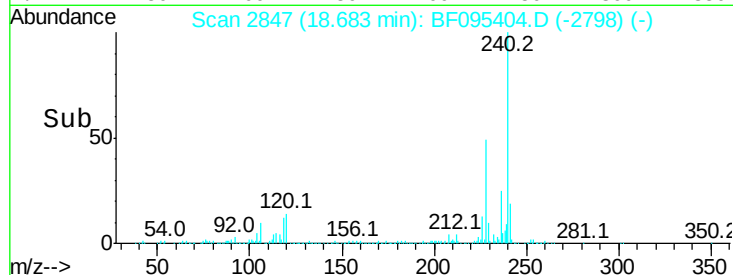
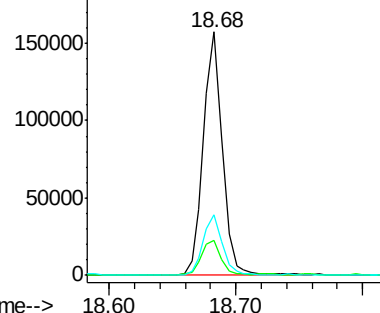
mohammad
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.92 ng

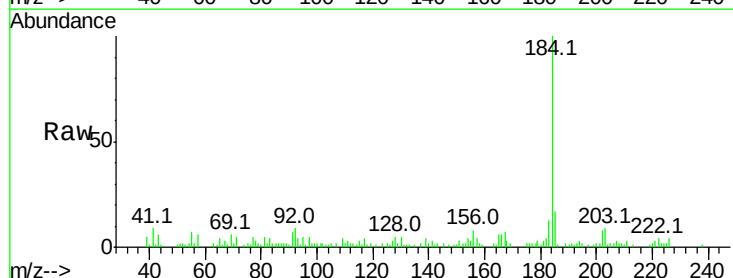
RT: 17.02 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

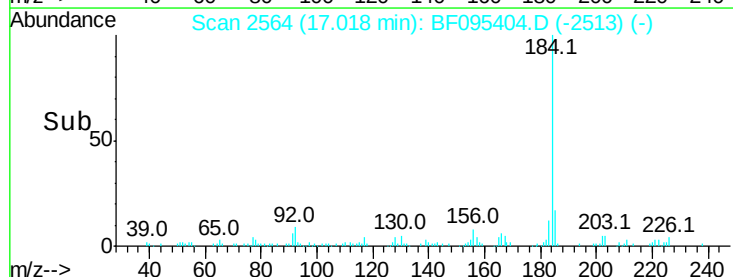
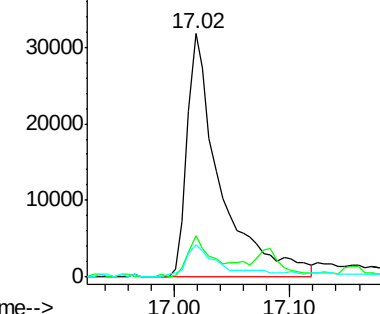
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	15.5	23.3
183	13.2	9.8	14.6

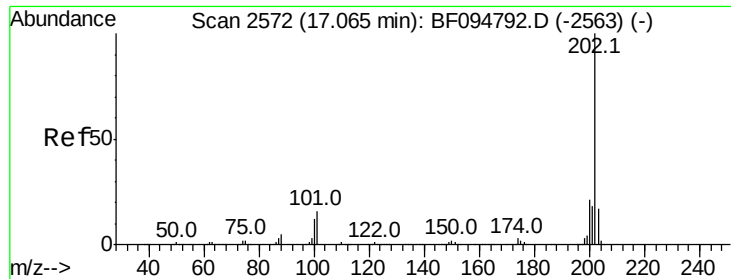


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





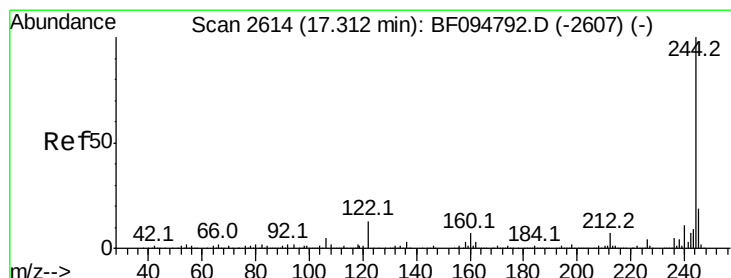
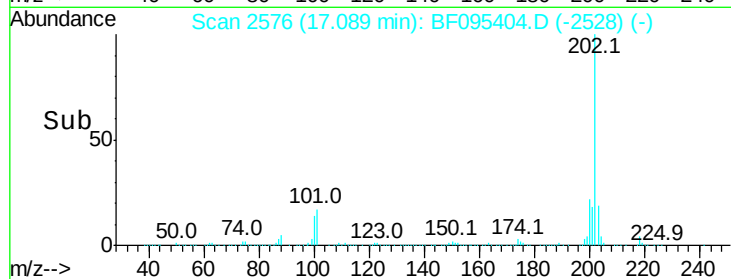
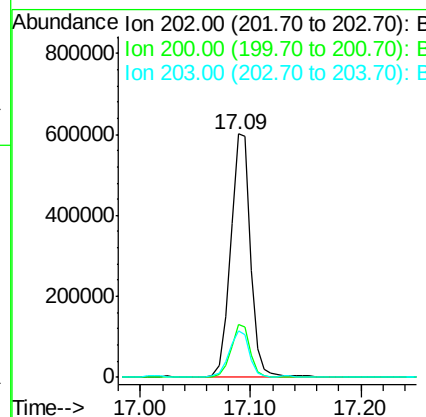
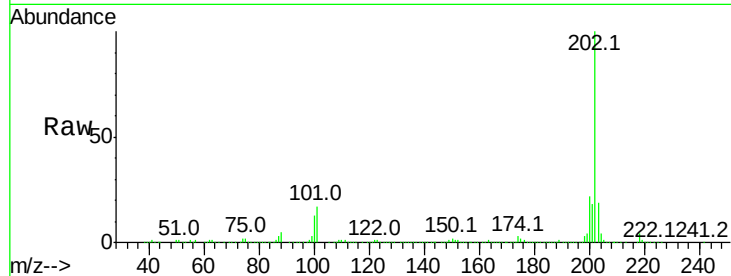
#77
Pvrene
Concen: 62.07 ng
RT: 17.09 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.6	26.4
203	19.4	14.4	21.6

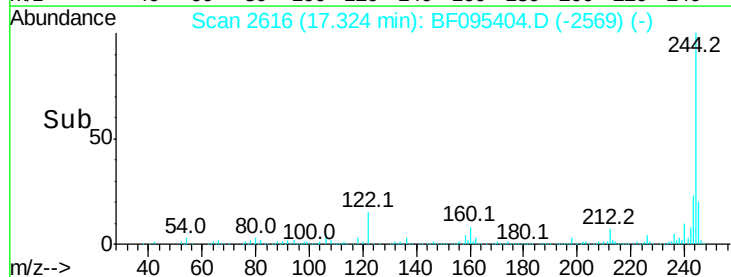
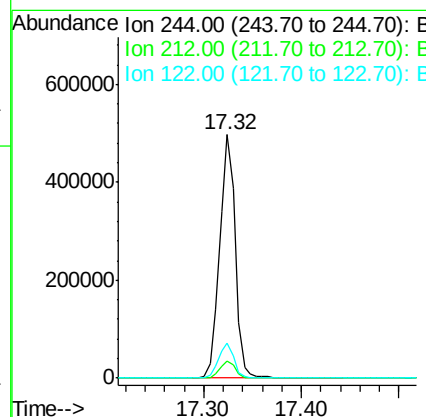
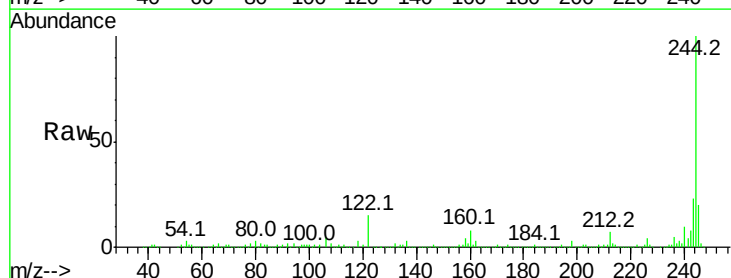
Manual Integrations
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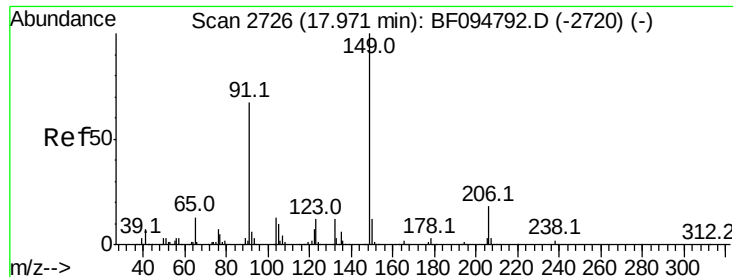
mohammad
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#78
Terphenyl-d14
Concen: 74.44 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.6	10.3	15.5





#79

Butylbenzylphthalate

Concen: 41.41 ng

RT: 17.98 min Scan# 2728

Delta R.T. -0.02 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

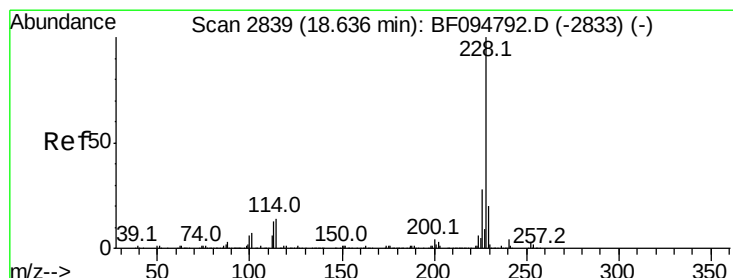
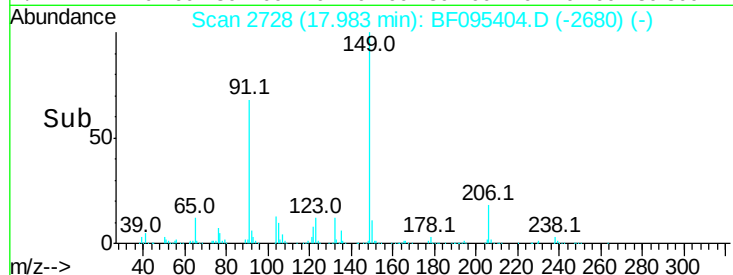
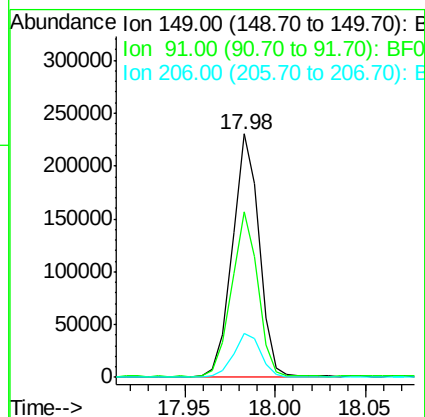
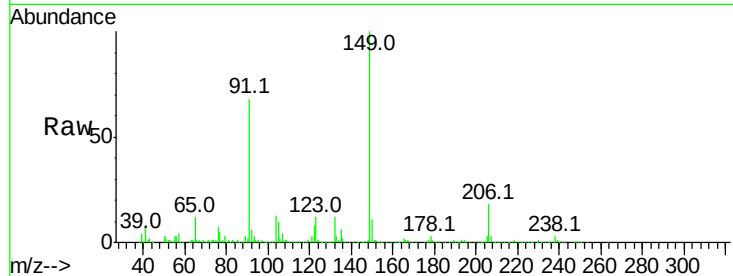
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	149	Resp:	235048
Ion Ratio	Lower	Upper	
149	100		
91	68.0	45.0	67.4#
206	18.0	17.0	25.6

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 48.70 ng

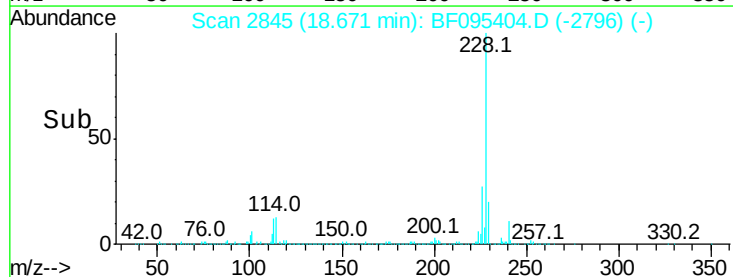
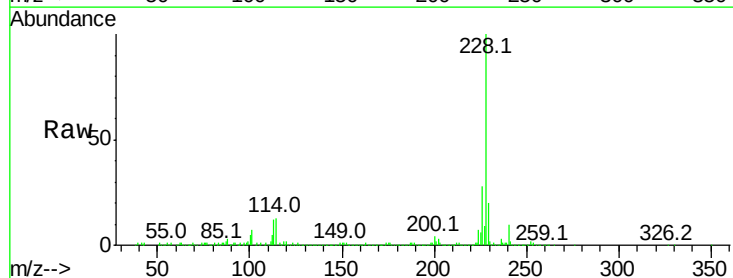
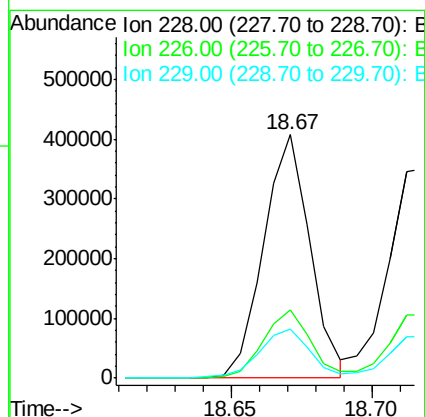
RT: 18.67 min Scan# 2845

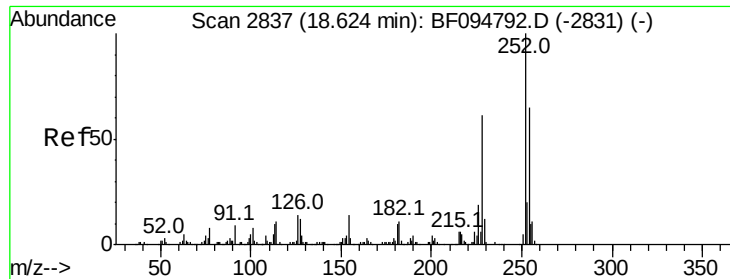
Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	228	Resp:	462485
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.2	16.3	24.5





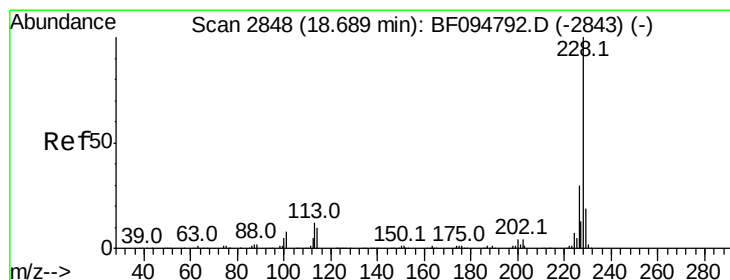
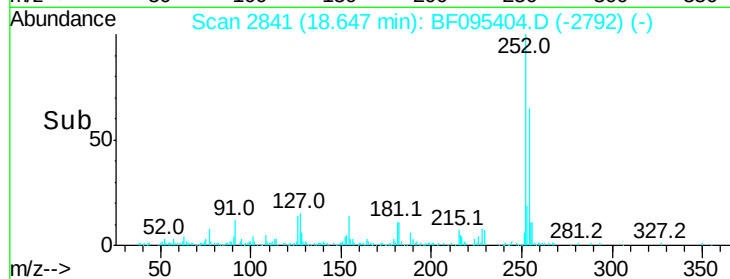
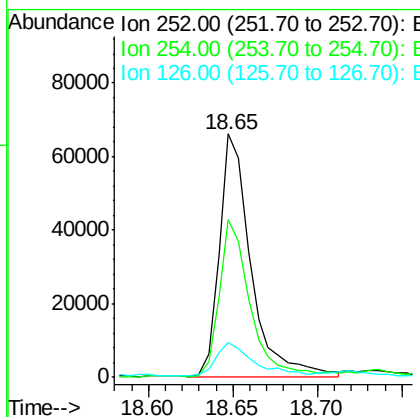
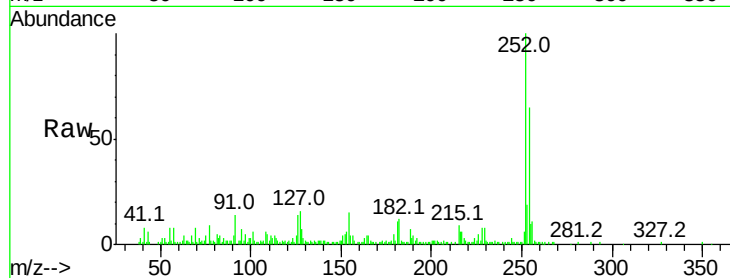
#81
 3,3'-Dichlorobenzidine
 Concen: 26.48 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.3	15.8	23.8

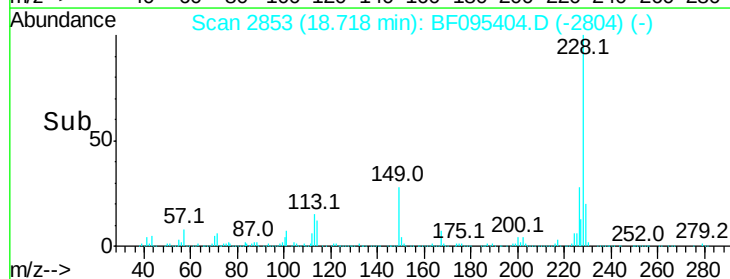
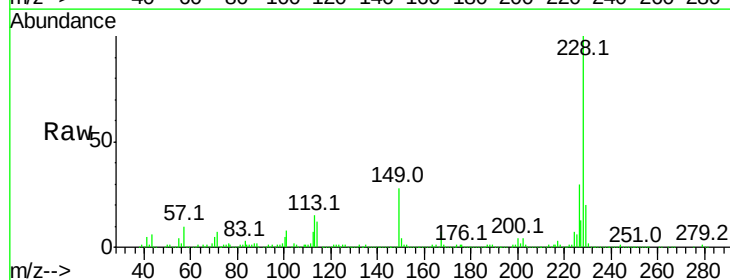
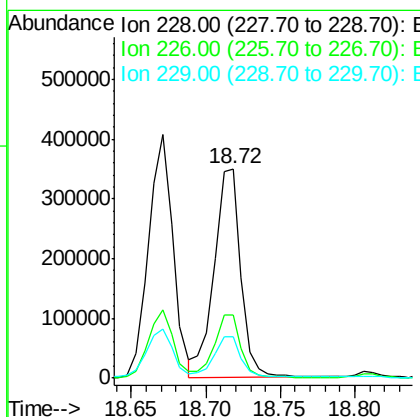
Manual Integrations
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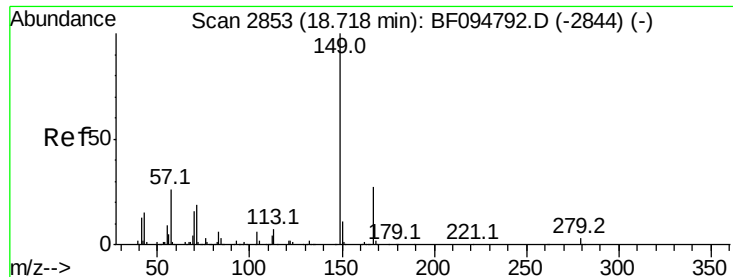
mohammad
 5/25/2017 6:00:29 PM



#82
 Chrysene
 Concen: 47.66 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.58 ng

RT: 18.73 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:149 Resp: 320098

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

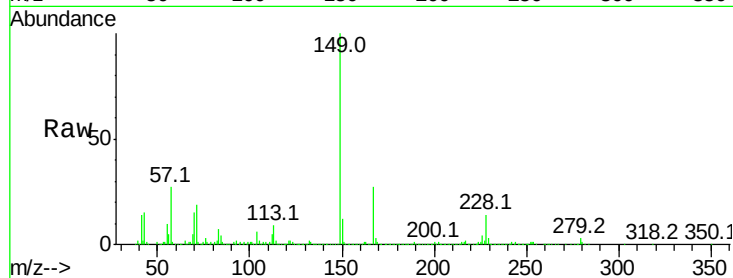
279 3.4 1.9 2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

18.73

300000

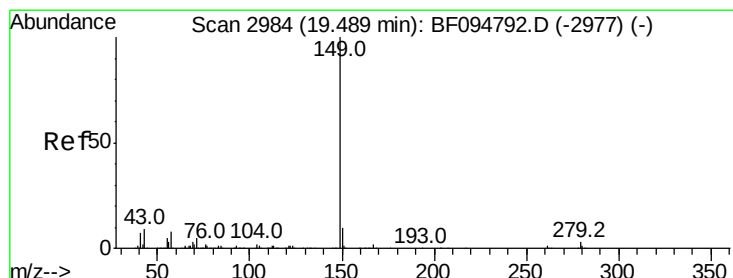
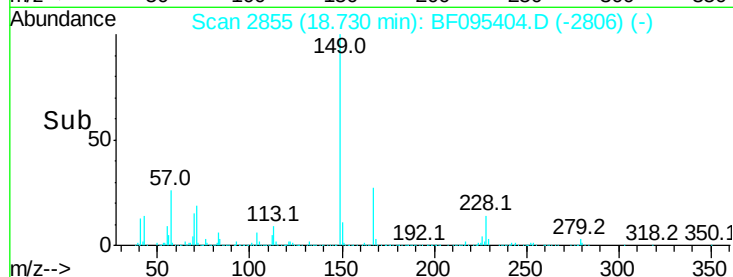
200000

100000

0

18.70 18.75

Time-->



#84

Di-n-octyl phthalate

Concen: 36.13 ng

RT: 19.50 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

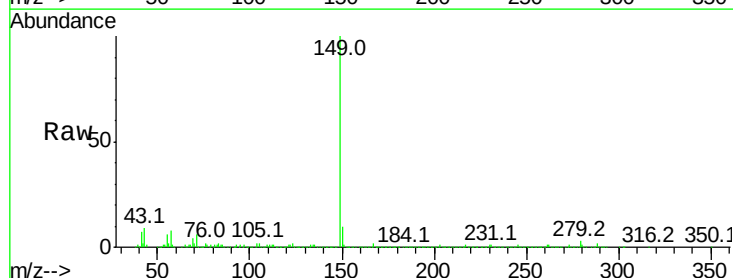
Tgt Ion:149 Resp: 479177

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

19.50

500000

400000

300000

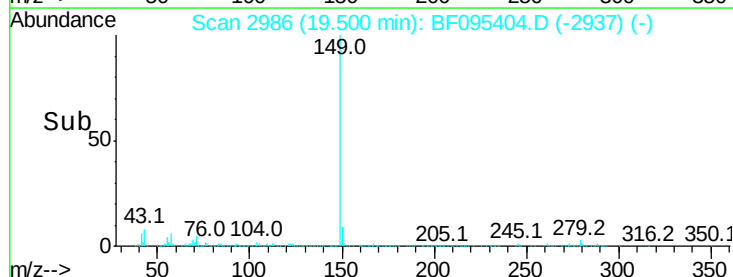
200000

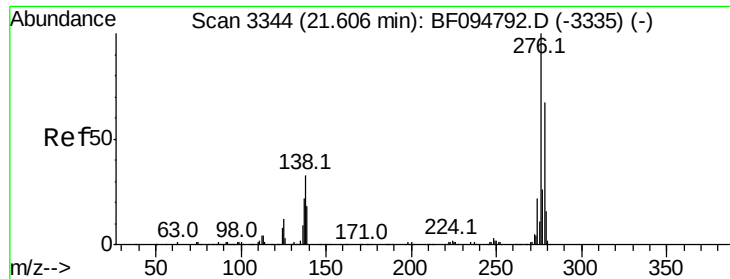
100000

0

19.40 19.45 19.50 19.55

Time-->





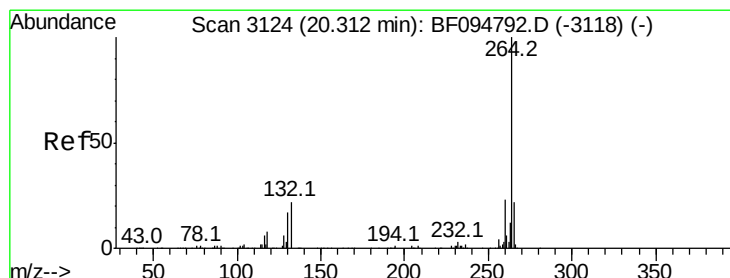
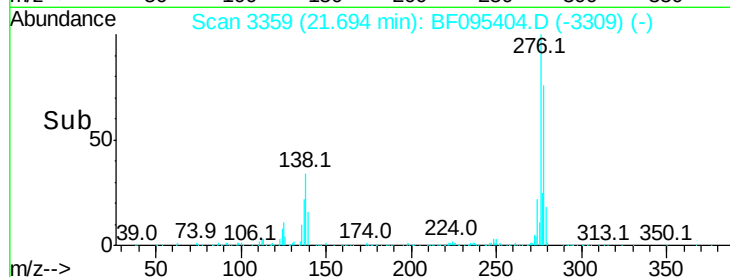
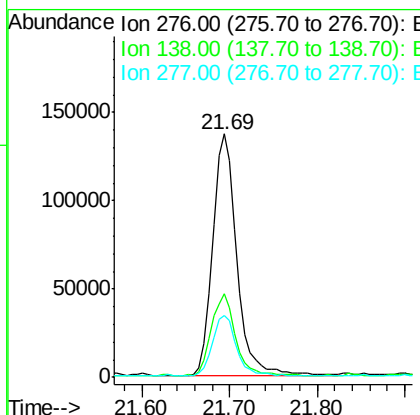
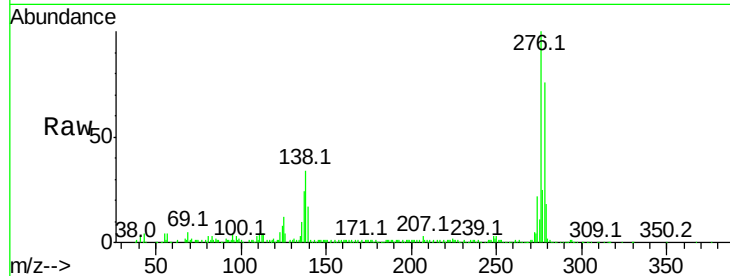
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.34 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Instrument :
 BNA_F
 ClientSampleId :
 R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.8	41.6
277	24.1	20.2	30.4

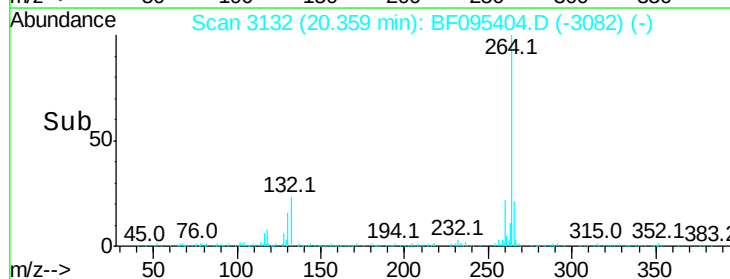
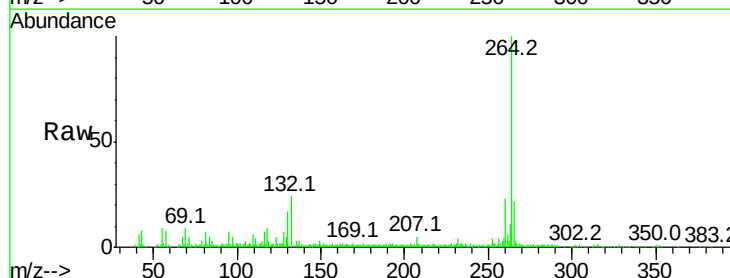
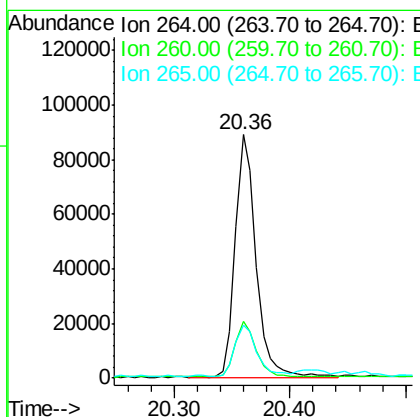
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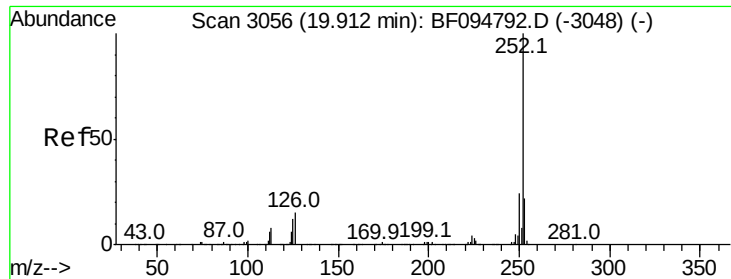
mohammad
 5/25/2017 6:00:29 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095404.D
 Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8





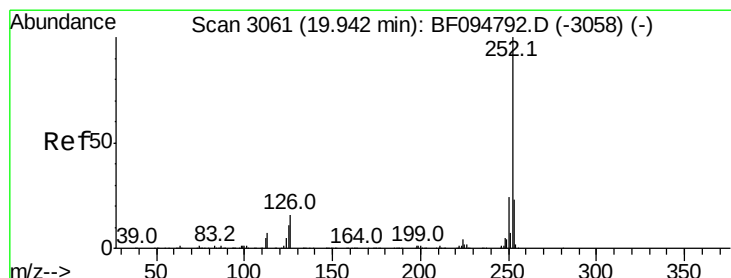
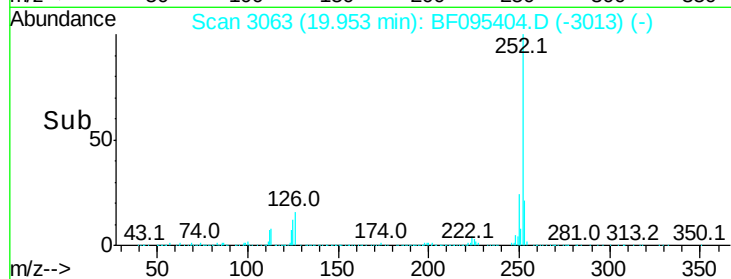
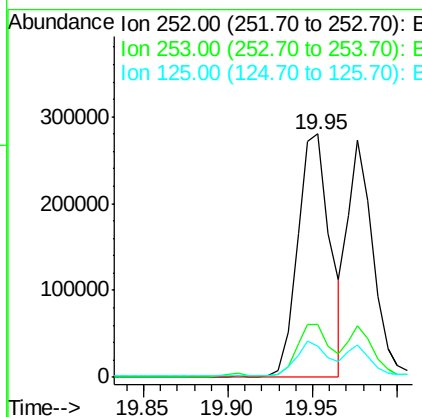
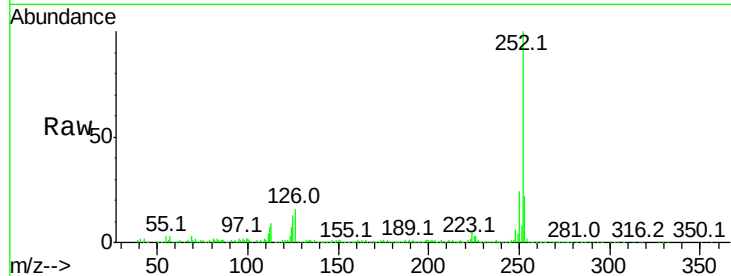
#87
Benzo(b)fluoranthene
Concen: 53.08 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.0	9.8	14.8

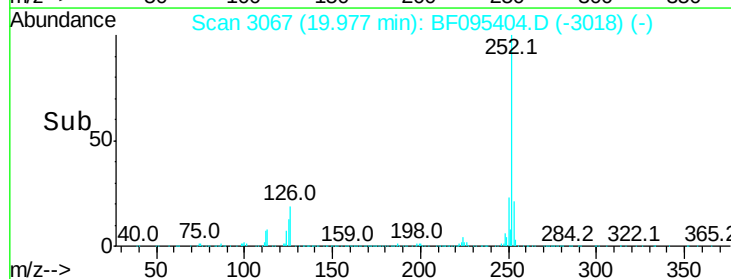
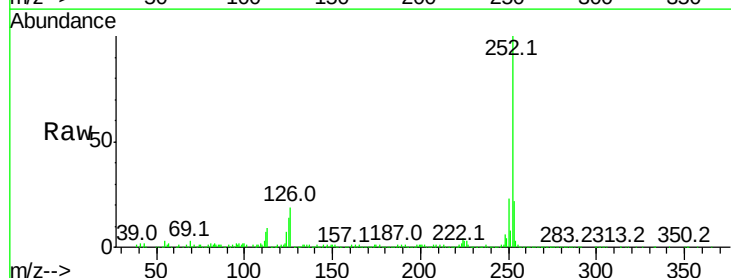
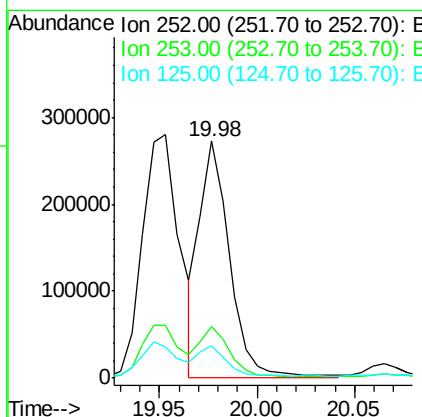
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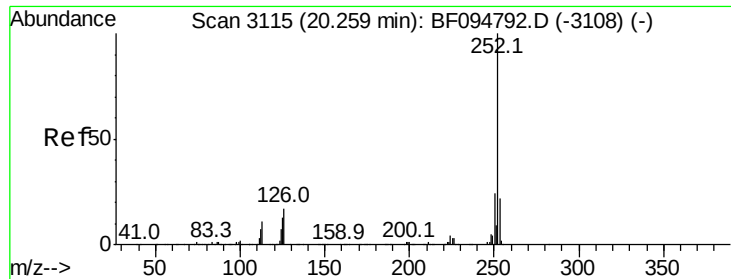
mohammad
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#88
Benzo(k)fluoranthene
Concen: 42.93 ng
RT: 19.98 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	14.0	13.1	19.7





#89

Benzo(a)pyrene

Concen: 45.42 ng

RT: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Instrument :

BNA_F

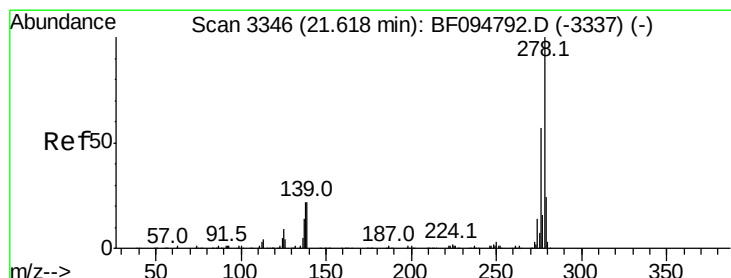
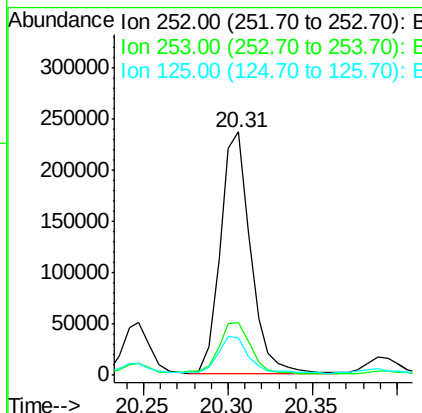
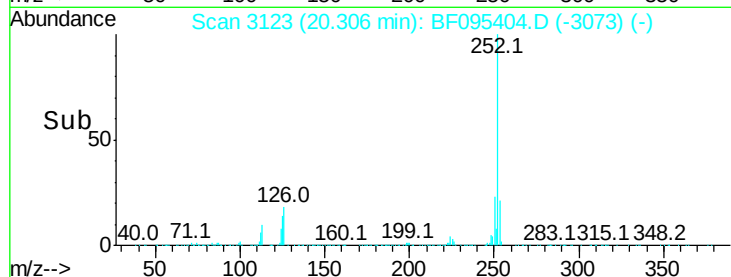
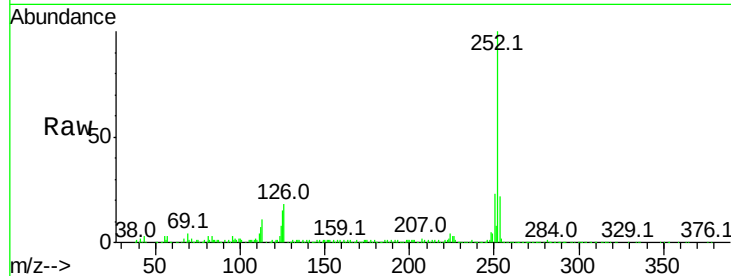
ClientSampleId :

R1-TP-1-SS-1MSD

Tot Ion:	252	Resp:	294620
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.5	26.3
125	15.2	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 36.89 ng

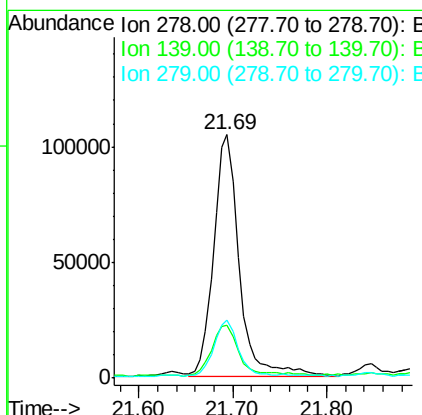
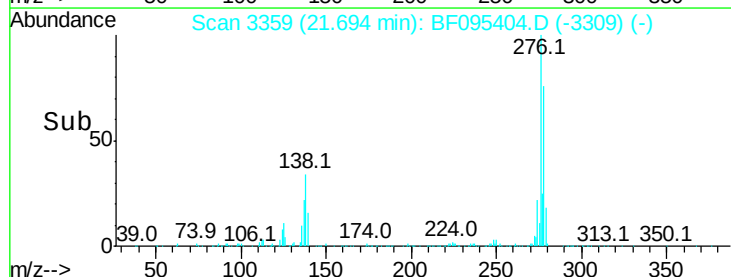
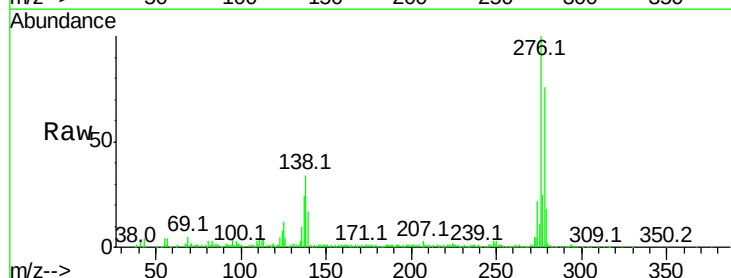
RT: 21.69 min Scan# 3359

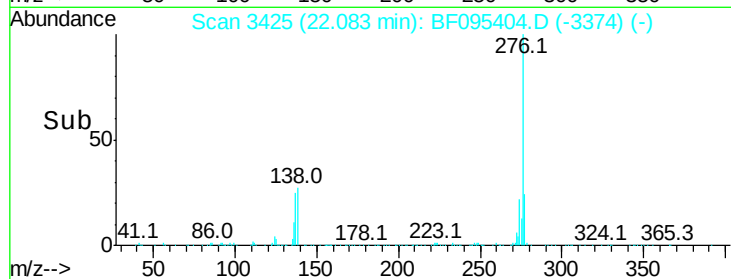
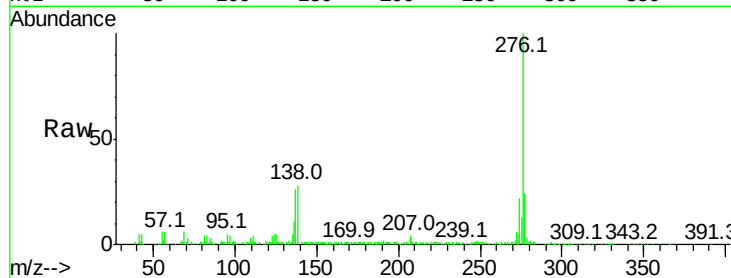
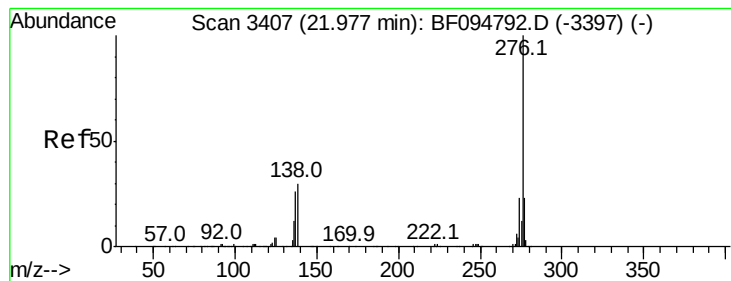
Delta R.T. -0.01 min

Lab File: BF095404.D

Acq: 24 May 2017 23:15

Tgt Ion:	278	Resp:	197619
Ion Ratio	Lower	Upper	
278	100		
139	21.9	16.6	24.8
279	23.6	19.3	28.9





#91
Benzo(a,h,i)perylene
Concen: 43.86 ng
RT: 22.08 min Scan# 3425
Delta R.T. -0.00 min
Lab File: BF095404.D
Acq: 24 May 2017 23:15

Instrument :
BNA_F
ClientSampleId :
R1-TP-1-SS-1MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	18.6	28.0
138	28.1	25.4	38.0

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