

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094597.D
 Acq On : 25 Apr 2017 11:21
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/26/2017 2:20:35 PM

Quant Time: Apr 26 07:07:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	131563	20.00	ng	-0.01
21) Naphthalene-d8	7.25	136	539055	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	248385	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	462670	20.00	ng	-0.02
75) Chrysene-d12	14.46	240	397684	20.00	ng	0.00
86) Perylene-d12	16.08	264	330653	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.30	112	615200	77.58	ng	0.00
7) Phenol-d6	5.38	99	715910	76.58	ng	-0.01
23) Nitrobenzene-d5	6.41	82	666488	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	163682	84.25	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1248446	73.95	ng	-0.01
78) Terphenyl-d14	13.18	244	1144382	76.92	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	172380	37.38	ng	96
3) Pyridine	2.58	79	383428	38.04	ng	100
4) n-Nitrosodimethylamine	2.54	42	150001	35.97	ng	87
6) Aniline	5.38	93	473534	38.11	ng	# 86
8) 2-Chlorophenol	5.52	128	354245	39.26	ng	94
9) Benzaldehyde	5.25	77	300221	42.22	ng	96
10) Phenol	5.40	94	438806	38.21	ng	90
11) bis(2-Chloroethyl)ether	5.47	93	329877	39.32	ng	94
12) 1,3-Dichlorobenzene	5.68	146	389664	38.98	ng	100
13) 1,4-Dichlorobenzene	5.77	146	390496	38.82	ng	96
14) 1,2-Dichlorobenzene	5.95	146	361629	39.03	ng	95
15) Benzyl Alcohol	5.93	79	269361	38.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.08	45	438350	39.85	ng	72
17) 2-Methylphenol	6.08	107	277268	39.01	ng	93
18) Hexachloroethane	6.33	117	134165	38.91	ng	# 83
19) n-Nitroso-di-n-propylamine	6.24	70	251809	40.65	ng	96
20) 3+4-Methylphenols	6.26	107	385764	39.95	ng	# 63
22) Acetophenone	6.23	105	507709	38.74	ng	# 86
24) Nitrobenzene	6.42	77	359997	39.16	ng	96
25) Isophorone	6.72	82	648276	40.06	ng	95
26) 2-Nitrophenol	6.80	139	194206	39.32	ng	99
27) 2,4-Dimethylphenol	6.88	122	307272	38.30	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	416079	39.75	ng	99
29) 2,4-Dichlorophenol	7.10	162	297964	39.92	ng	98
30) 1,2,4-Trichlorobenzene	7.18	180	296172	38.38	ng	98
31) Naphthalene	7.28	128	989158	38.17	ng	99
32) Benzoic acid	7.07	122	196039m	46.21	ng	
33) 4-Chloroaniline	7.35	127	408843	37.92	ng	95
34) Hexachlorobutadiene	7.43	225	149419	38.84	ng	98
35) Caprolactam	7.81	113	98895m	42.18	ng	
36) 4-Chloro-3-methylphenol	7.98	107	304472	38.93	ng	92
37) 2-Methylnaphthalene	8.11	142	694385	39.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	275537	38.96	ng	99
40) Hexachlorocyclopentadiene	8.31	237	118601	41.45	ng	99

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
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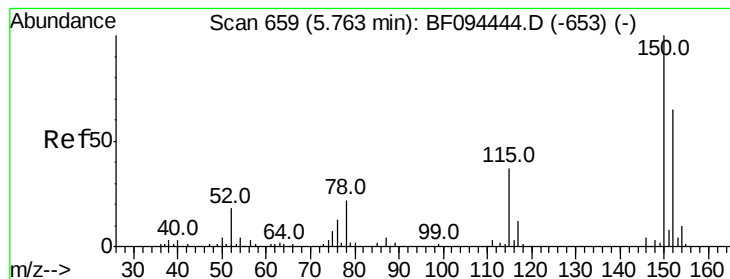
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	195392	39.34	nq	98
43) 2,4,5-Trichlorophenol	8.53	196	201044	39.41	nq	93
45) 1,1'-Biphenyl	8.69	154	792889	39.07	nq	98
46) 2-Chloronaphthalene	8.71	162	632585	39.20	nq	96
47) 2-Nitroaniline	8.85	65	181033	39.00	nq	# 79
48) Acenaphthylene	9.21	152	956723	38.03	nq	99
49) Dimethylphthalate	9.09	163	749522	40.49	nq	99
50) 2,6-Dinitrotoluene	9.15	165	167774	40.38	nq	97
51) Acenaphthene	9.42	154	577278	38.32	nq	98
52) 3-Nitroaniline	9.36	138	181029	37.66	nq	88
53) 2,4-Dinitrophenol	9.50	184	84633	40.60	nq	# 70
54) Dibenzofuran	9.64	168	863623	39.44	nq	99
55) 4-Nitrophenol	9.61	139	157158m	46.28	nq	
56) 2,4-Dinitrotoluene	9.65	165	218815	42.92	nq	# 85
57) Fluorene	10.06	166	662881	38.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	149011	40.76	nq	# 96
59) Diethylphthalate	9.95	149	715932	40.99	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	288406	40.64	nq	92
61) 4-Nitroaniline	10.11	138	177020	36.22	nq	98
62) Azobenzene	10.26	77	693771	40.91	nq	96
64) 4,6-Dinitro-2-methylphenol	10.15	198	122790	40.51	nq	# 73
65) n-Nitrosodiphenylamine	10.22	169	610208	37.92	nq	97
66) 4-Bromophenyl-phenylether	10.67	248	180916	39.38	nq	95
67) Hexachlorobenzene	10.74	284	181208	39.14	nq	# 88
68) Atrazine	10.90	200	192437	39.98	nq	97
69) Pentachlorophenol	10.99	266	88095	47.92	nq	98
70) Phenanthrene	11.24	178	989255	37.97	nq	99
71) Anthracene	11.30	178	1034465	38.38	nq	98
72) Carbazole	11.51	167	971844	38.42	nq	98
73) Di-n-butylphthalate	11.96	149	1164619	41.82	nq	99
74) Fluoranthene	12.70	202	1057254	39.15	nq	99
76) Benzidine	12.87	184	540523	33.57	nq	96
77) Pyrene	12.97	202	1067050	38.40	nq	99
79) Butylbenzylphthalate	13.79	149	506024	41.56	nq	89
80) Benzo(a)anthracene	14.44	228	890169	38.51	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	313333	38.29	nq	# 95
82) Chrysene	14.49	228	818774	38.76	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	705457	43.15	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1163060	42.41	nq	98
85) Indeno(1,2,3-cd)pyrene	17.35	276	711281	35.39	nq	100
87) Benzo(b)fluoranthene	15.68	252	812080	40.15	nq	97
88) Benzo(k)fluoranthene	15.71	252	753031m	39.34	nq	
89) Benzo(a)pyrene	16.02	252	733460	38.98	nq	99
90) Dibenzo(a,h)anthracene	17.37	278	586319	37.52	nq	99
91) Benzo(g,h,i)perylene	17.72	276	603293	37.92	nq	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.75 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

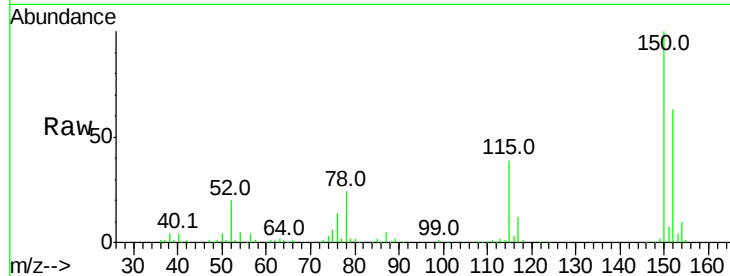
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	61.7	52.2	78.2

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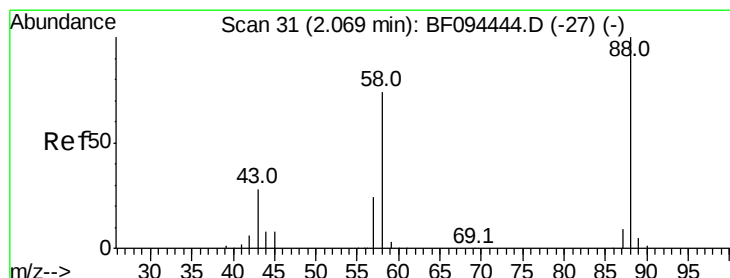
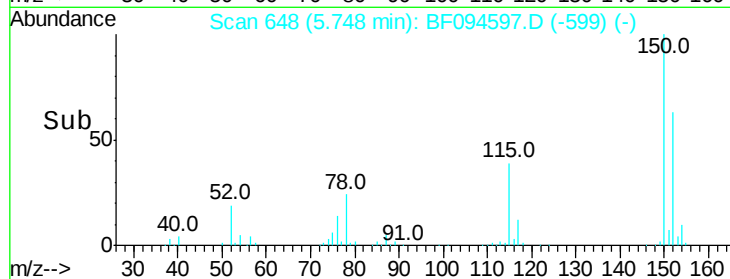
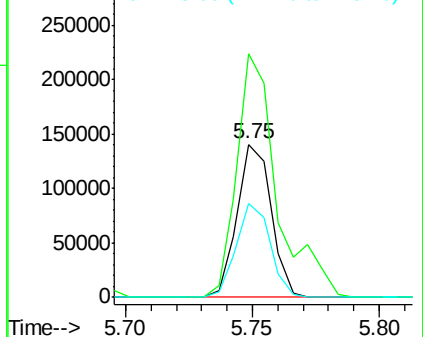


Abundance

Ion 152.00 (151.70 to 152.70): E

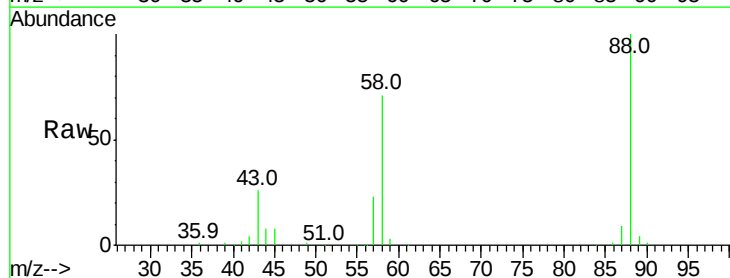
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 37.38 ng
 RT: 2.05 min Scan# 20
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	61.4	92.0
43	27.3	23.4	35.0

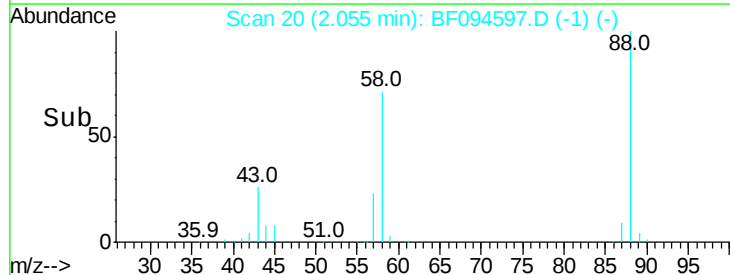
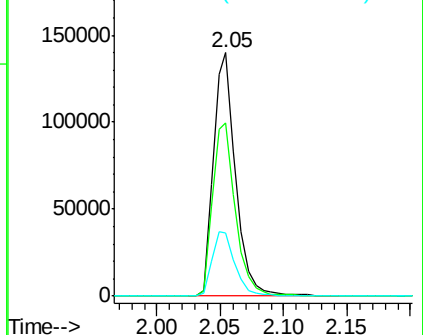


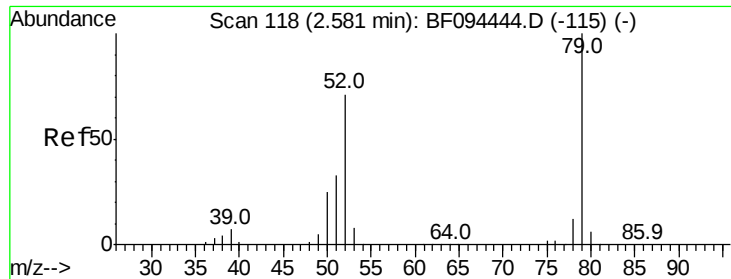
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.04 ng

RT: 2.58 min Scan# 110

Delta R.T. 0.00 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

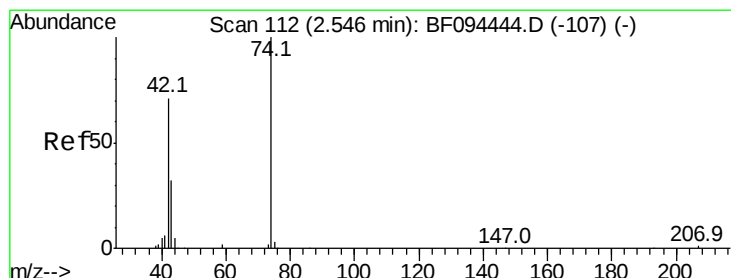
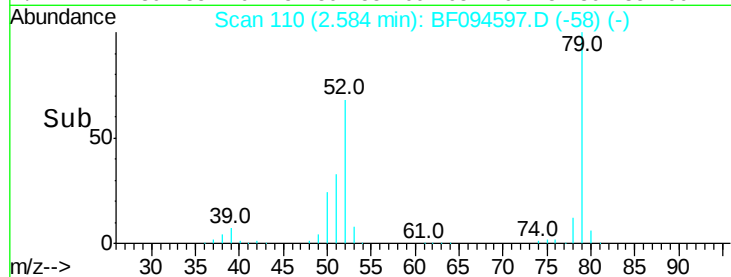
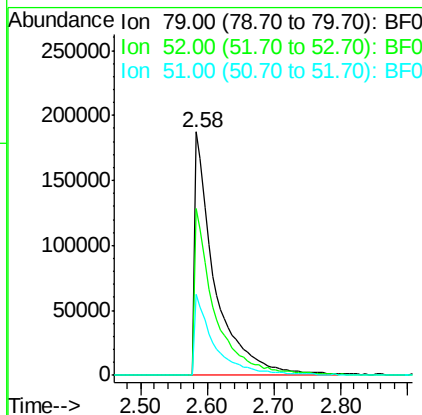
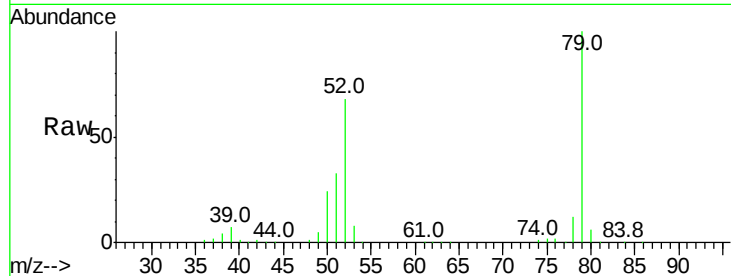
SSTDCCC040

Tot Ion:	79	Resp:	383428
Ion Ratio	Lower	Upper	
79	100		
52	68.4	54.8	82.2
51	33.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 35.97 ng

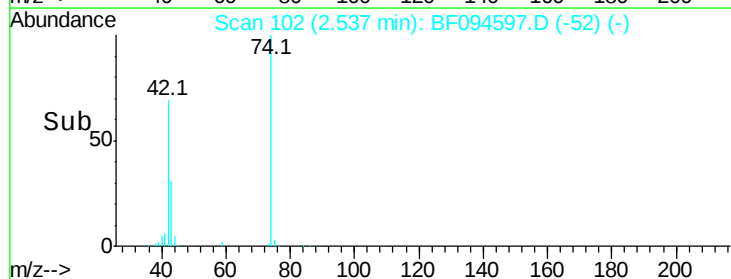
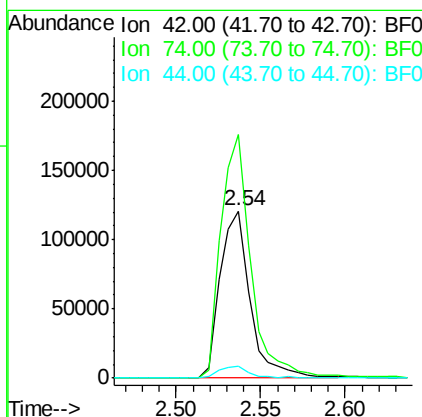
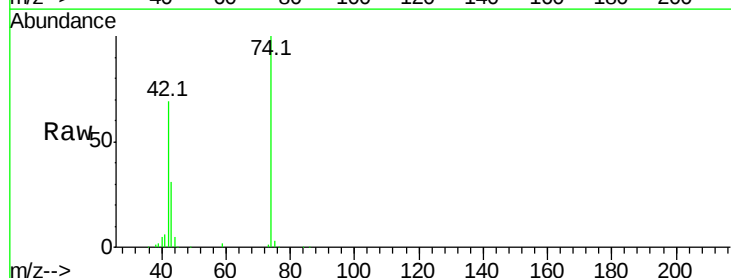
RT: 2.54 min Scan# 102

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Tgt Ion:	42	Resp:	150001
Ion Ratio	Lower	Upper	
42	100		
74	145.6	103.9	155.9
44	7.4	5.7	8.5





#5
 2-Fluorophenol
 Concen: 77.58 ng
 RT: 4.30 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

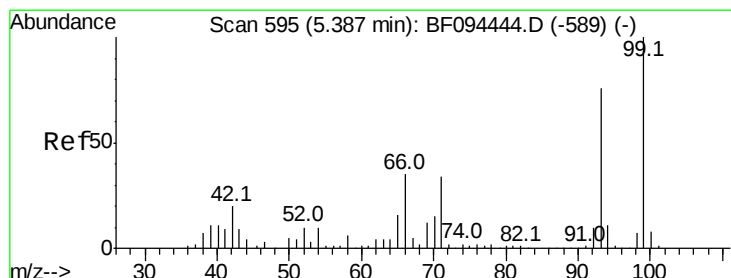
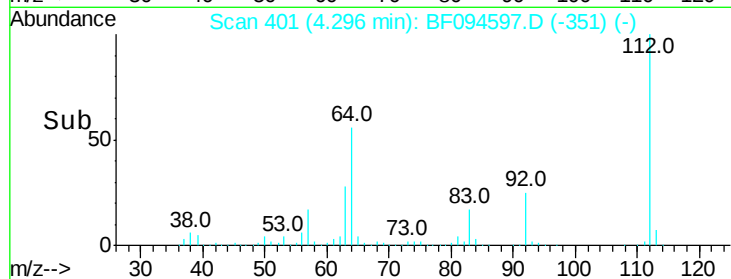
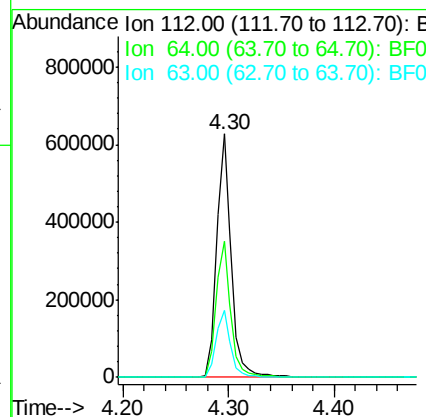
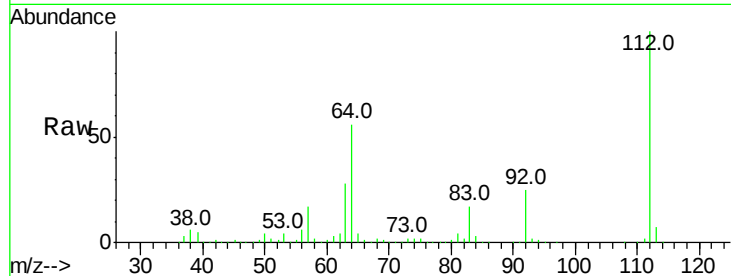
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.0	46.0	69.0
63	27.7	23.4	35.0

Manual Integrations
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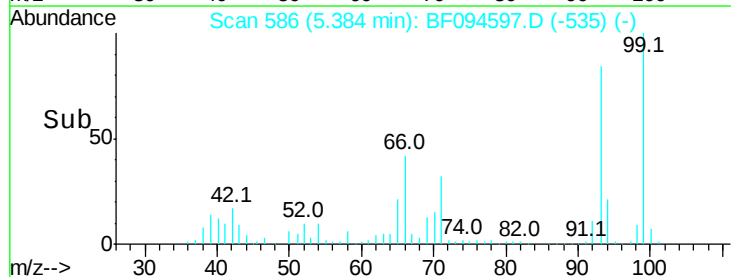
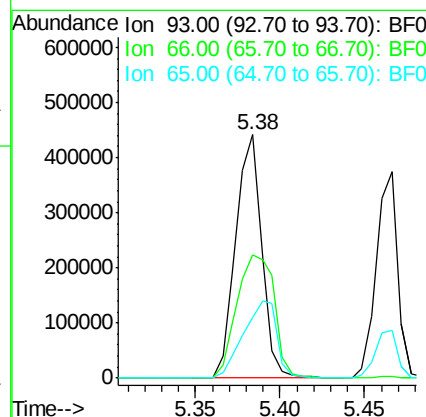
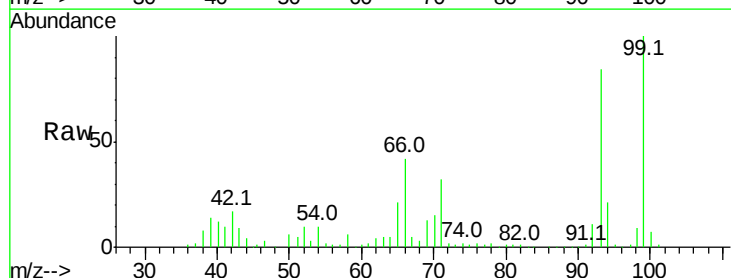
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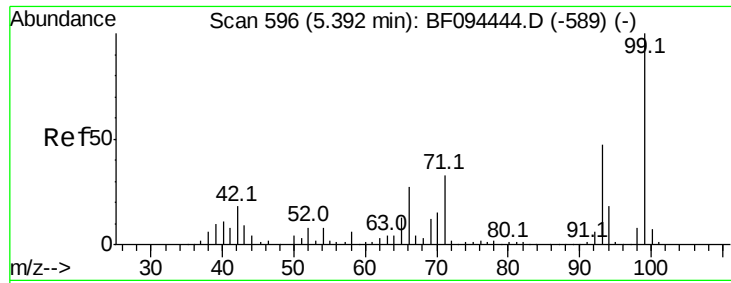
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#6
 Aniline
 Concen: 38.11 ng
 RT: 5.38 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	50.7	32.9	49.3#
65	24.8	16.0	24.0#





#7

Phenol-d6

Concen: 76.58 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

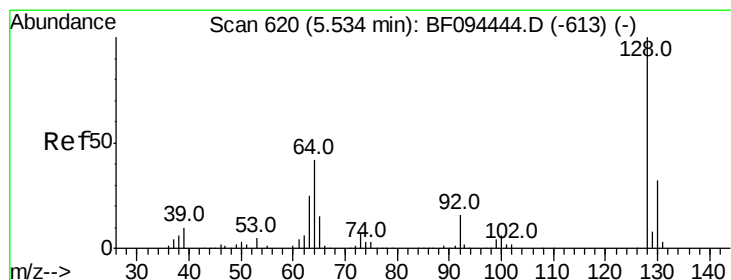
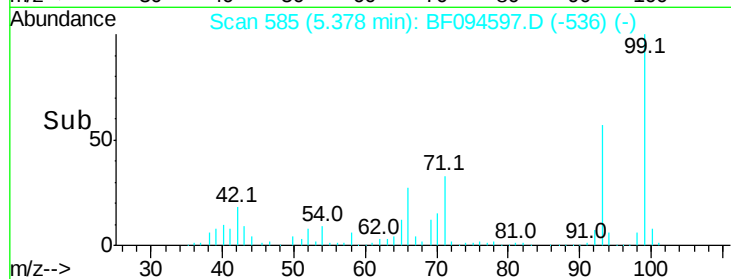
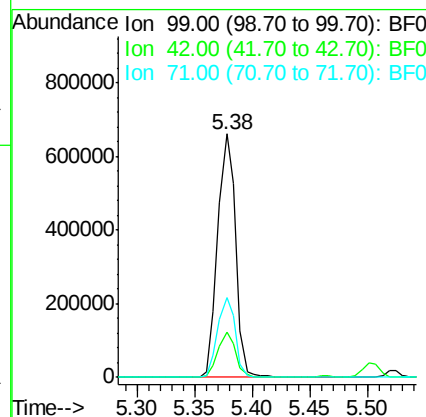
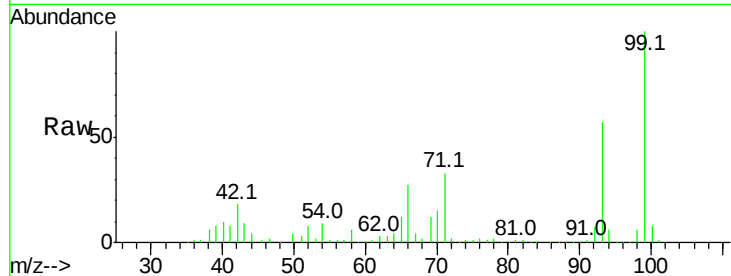
SSTDCCC040

Tot Ion:	99	Resp:	715910
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.5	20.3
71	32.6	24.5	36.7

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#8

2-Chlorophenol

Concen: 39.26 ng

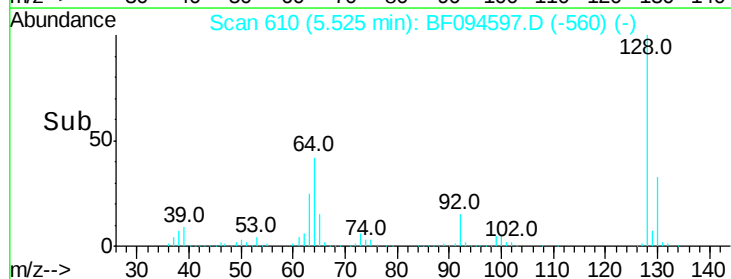
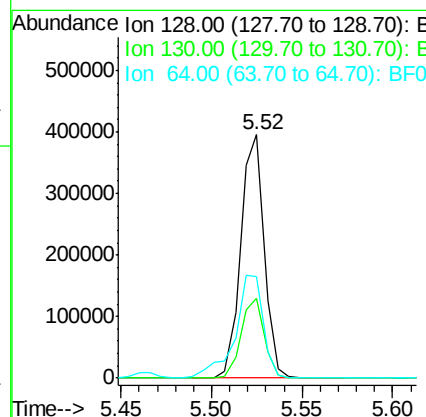
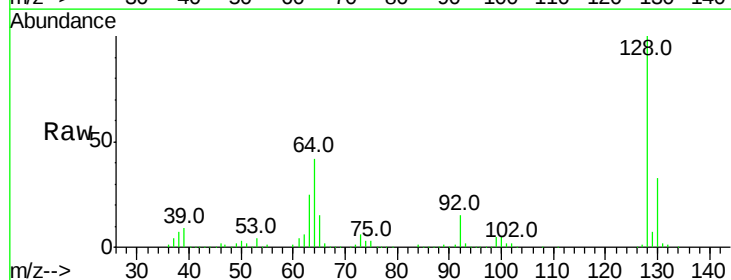
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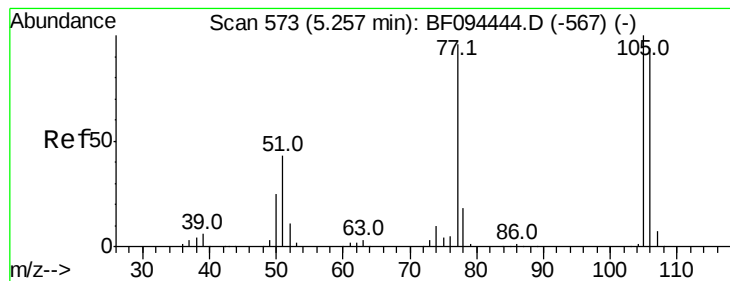
Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Tgt Ion:	128	Resp:	354245
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.9	52.9
64	41.7	28.4	68.4





#9

Benzaldehyde

Concen: 42.22 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 300221

Ion Ratio Lower Upper

77 100

105 107.4 83.8 123.8

106 103.8 79.1 119.1

Manual Integrations

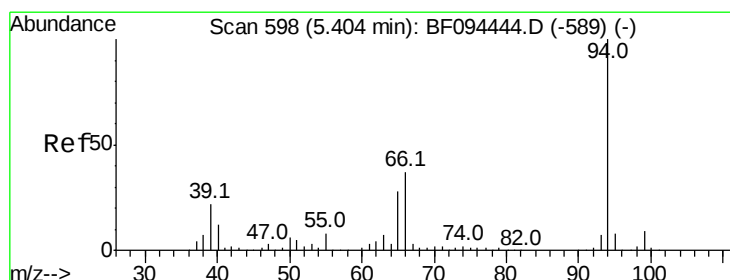
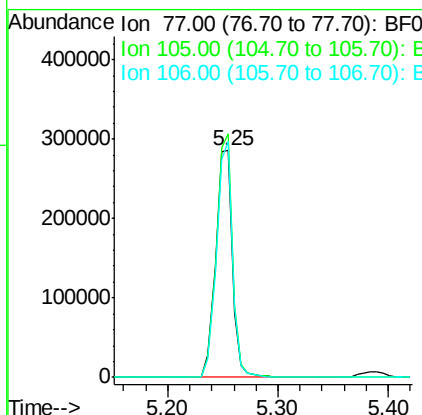
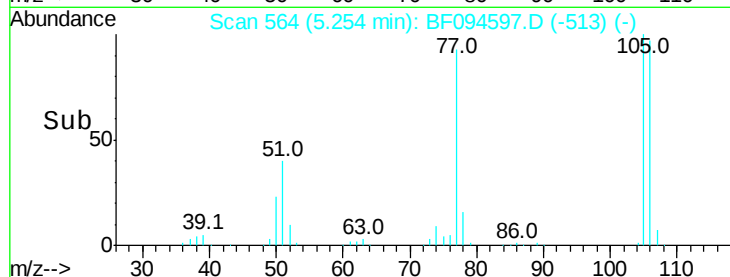
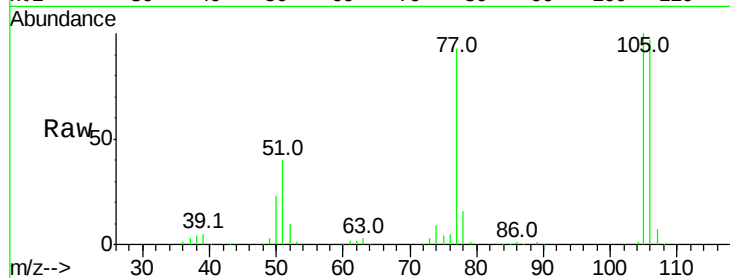
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#10

Phenol

Concen: 38.21 ng

RT: 5.40 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

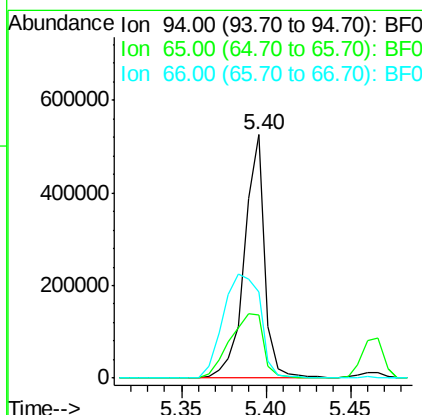
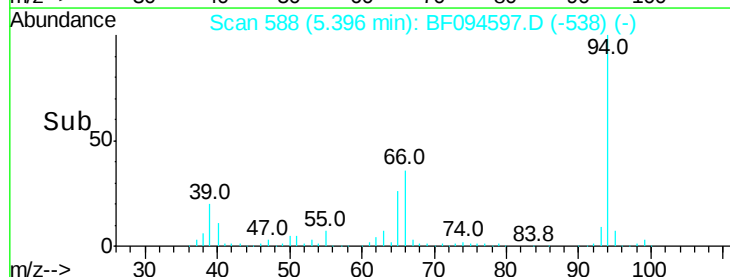
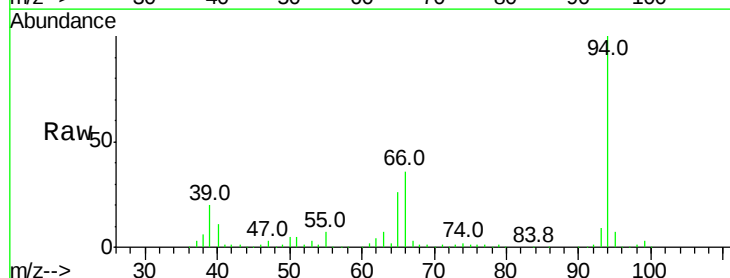
Tgt Ion: 94 Resp: 438806

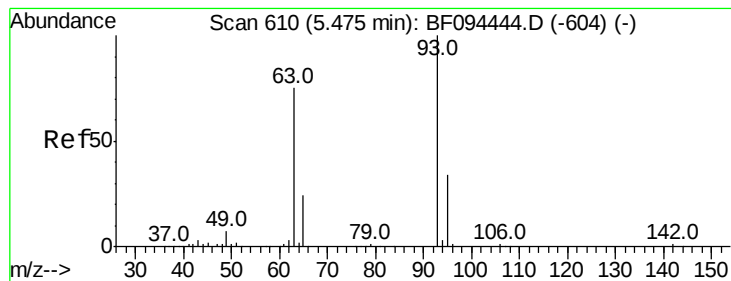
Ion Ratio Lower Upper

94 100

65 25.9 9.9 49.9

66 35.5 23.1 63.1





#11
bis(2-Chloroethyl)ether
Concen: 39.32 ng
RT: 5.47 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

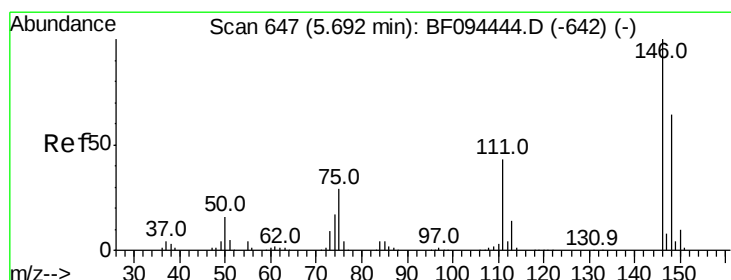
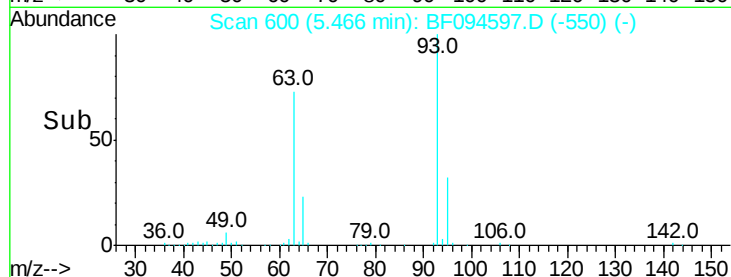
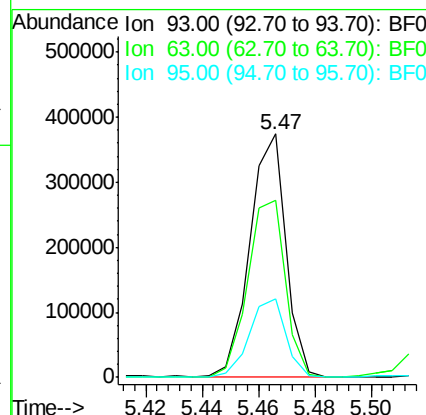
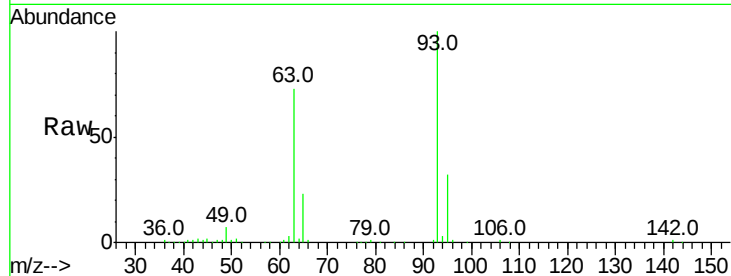
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	59.2	99.2
95	32.3	12.8	52.8

Manual Integrations
APPROVED

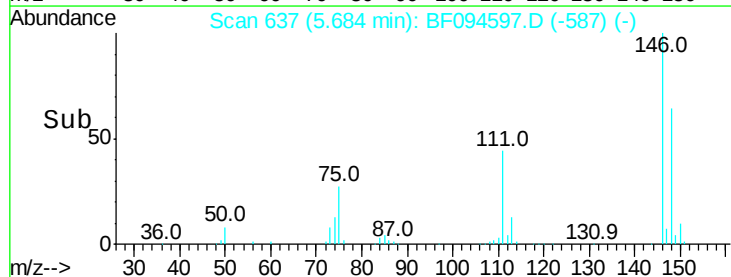
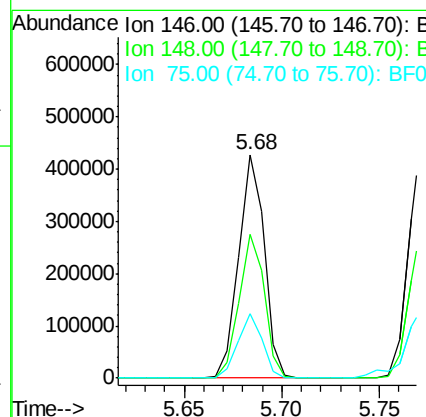
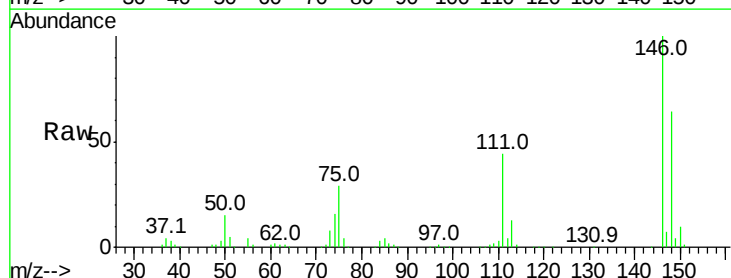
mohammad
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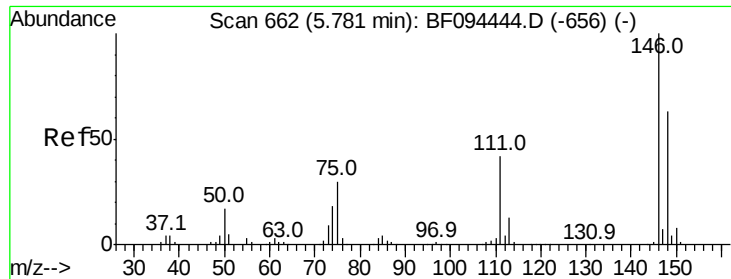
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.98 ng
RT: 5.68 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	28.7	23.1	34.7





#13
 1,4-Dichlorobenzene
 Concen: 38.82 ng
 RT: 5.77 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

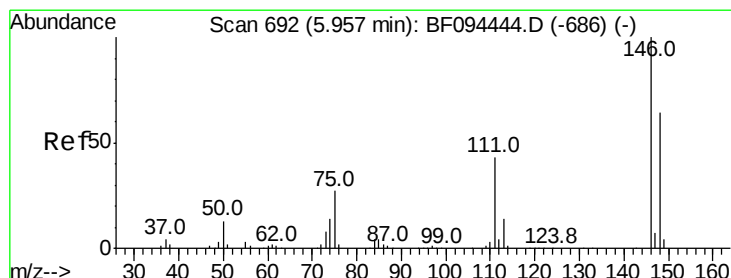
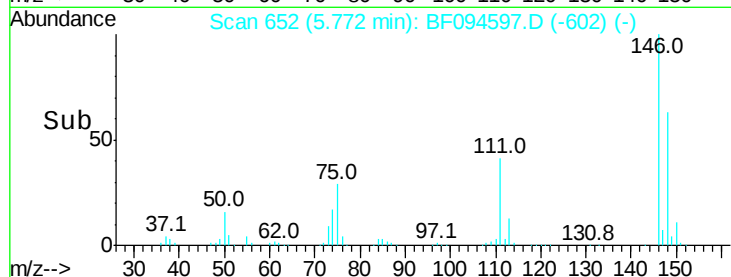
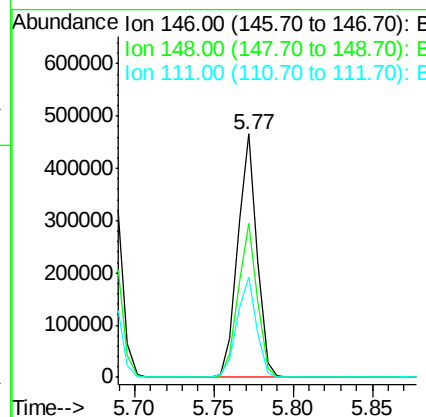
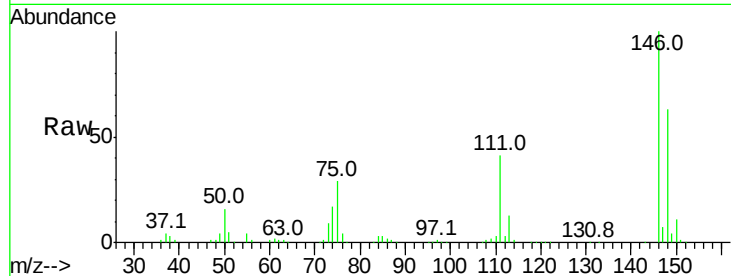
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	41.4	30.3	45.5

Manual Integrations
 APPROVED

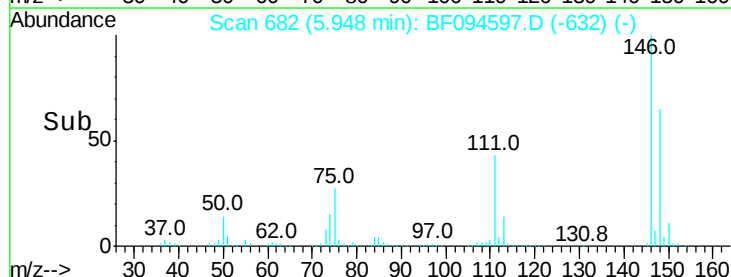
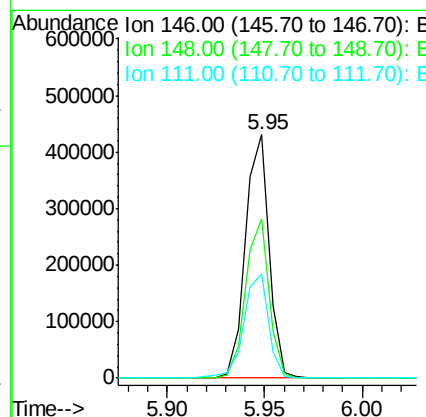
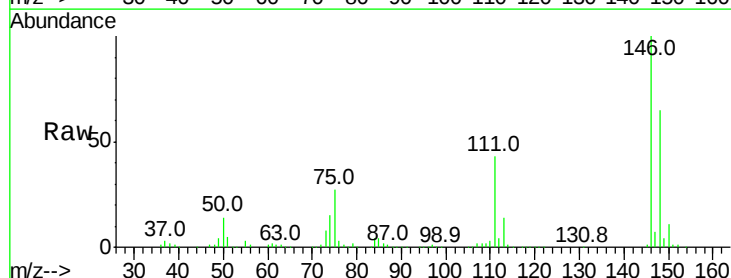
mohammad
 4/26/2017 2:20:35 PM

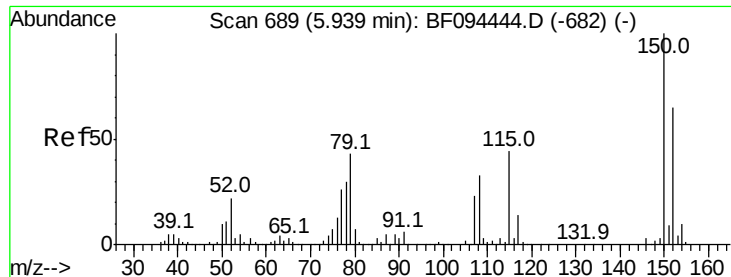
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.03 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.4	75.6
111	42.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 38.84 ng

RT: 5.93 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 269361

Ion Ratio Lower Upper

79 100

108 77.3 63.4 95.0

77 62.5 49.2 73.8

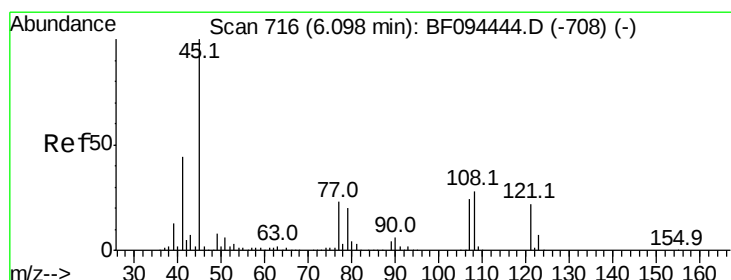
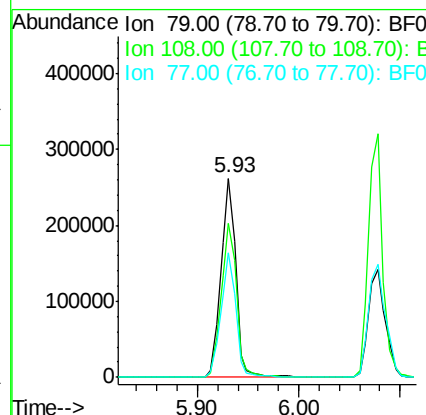
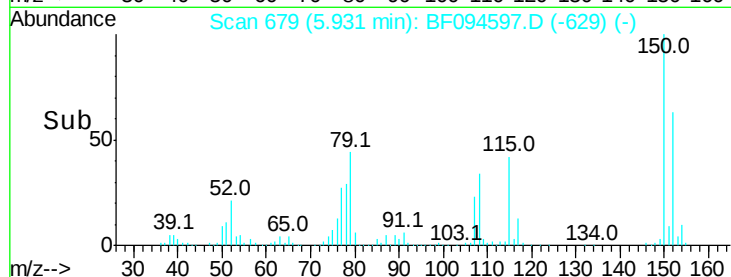
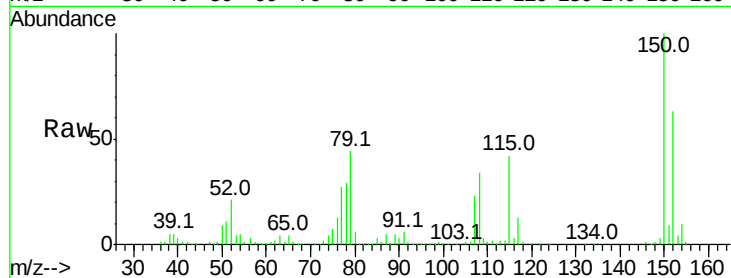
Manual Integrations
APPROVED

mohammad

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.85 ng

RT: 6.08 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

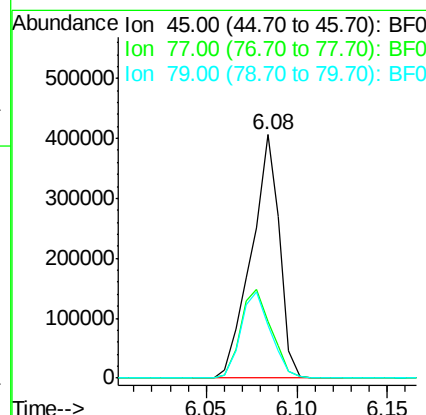
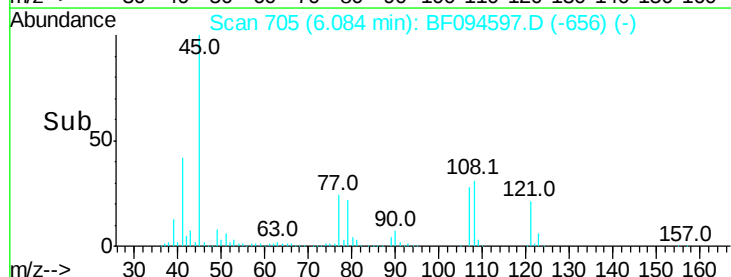
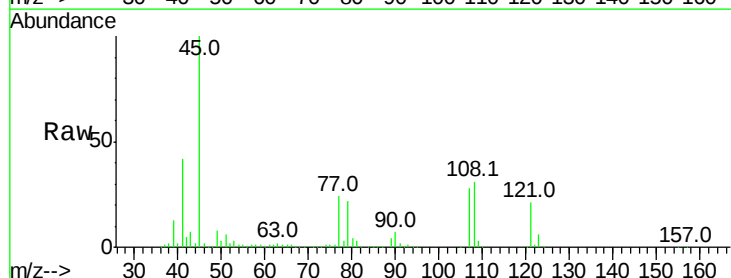
Tgt Ion: 45 Resp: 438350

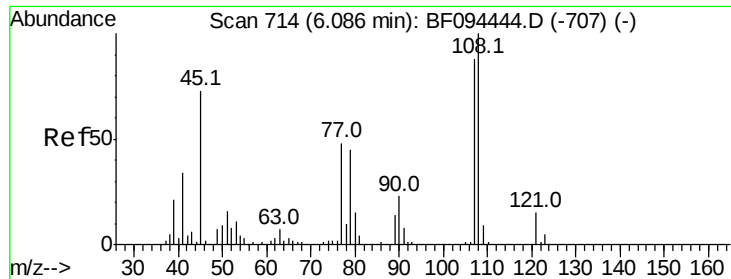
Ion Ratio Lower Upper

45 100

77 23.5 0.0 33.2

79 21.8 0.0 30.0





#17

2-Methylphenol

Concen: 39.01 ng

RT: 6.08 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

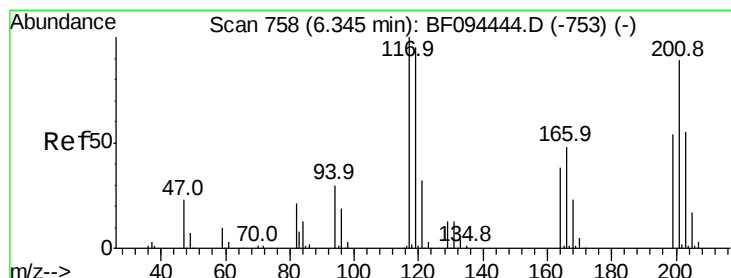
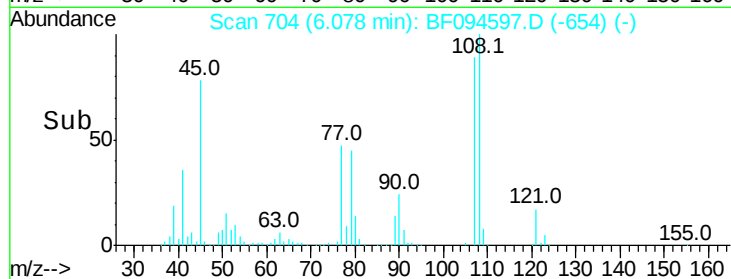
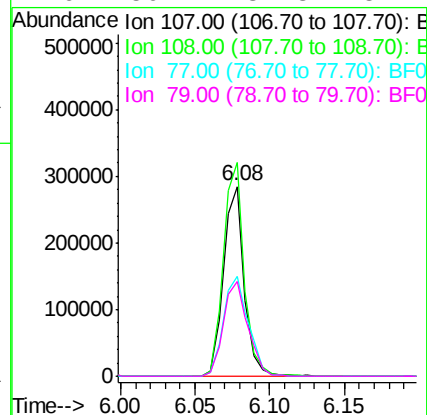
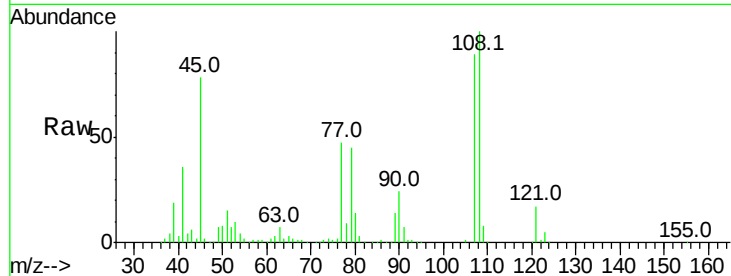
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.4	140.0	
77	52.3	35.8	53.6	
79	50.1	34.8	52.2	

Manual Integrations
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#18

Hexachloroethane

Concen: 38.91 ng

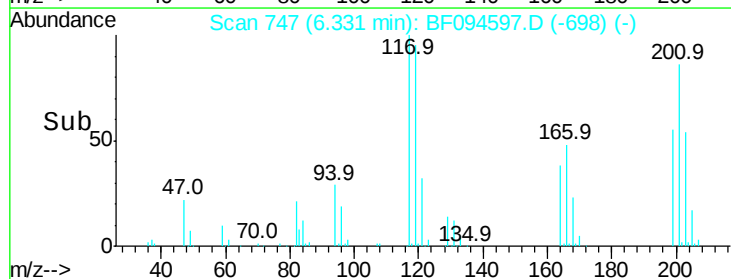
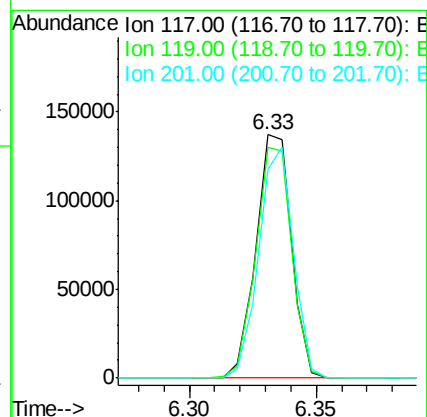
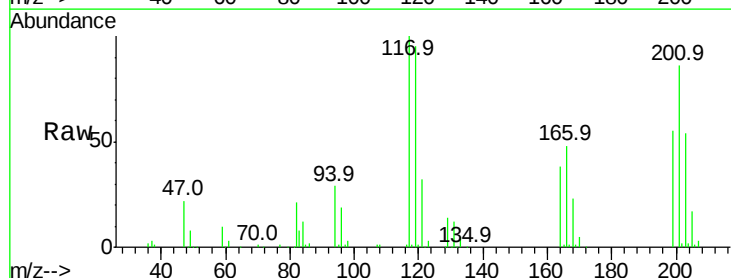
RT: 6.33 min Scan# 747

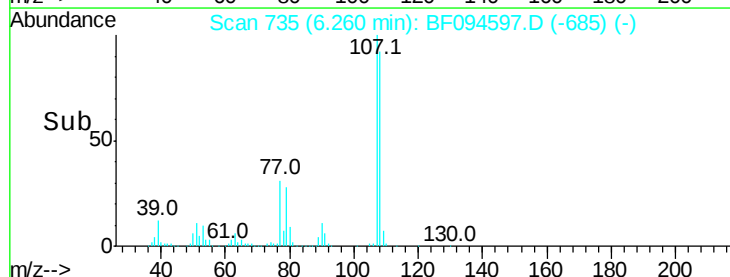
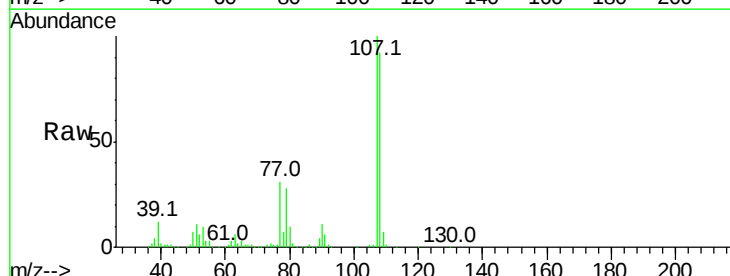
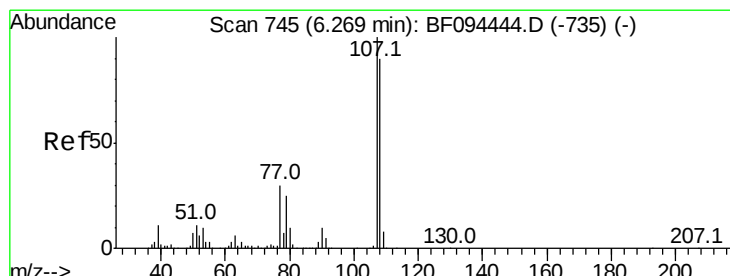
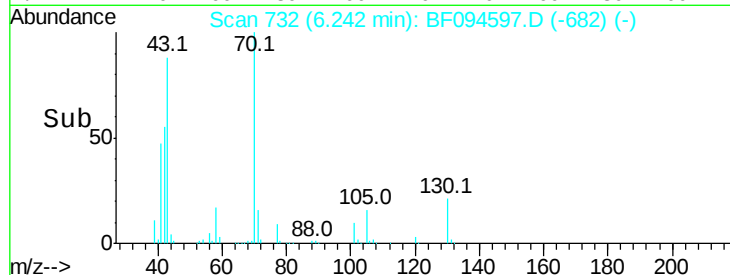
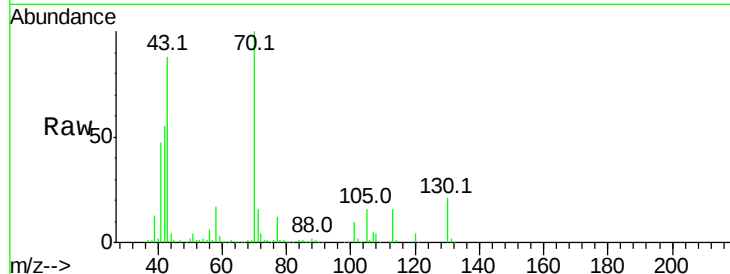
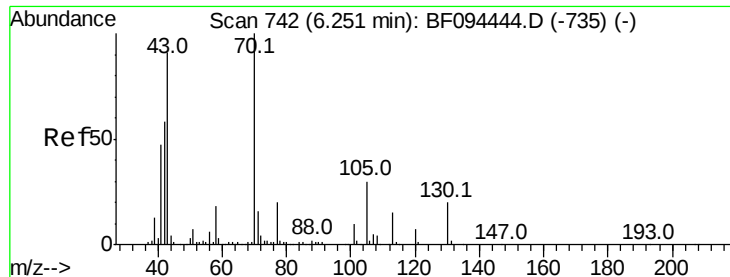
Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

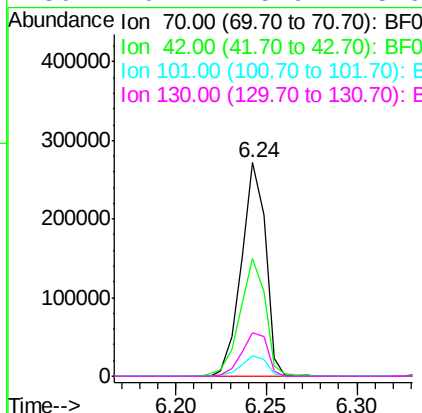
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	77.4	116.0	
201	85.7	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 40.65 ng
RT: 6.24 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		251809		
42	55.2	47.2		70.8	
101	9.9	7.2		10.8	
130	20.7	15.9		23.9	



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

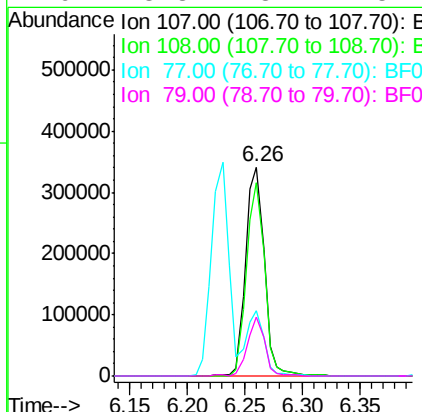
Manual Integrations
APPROVED

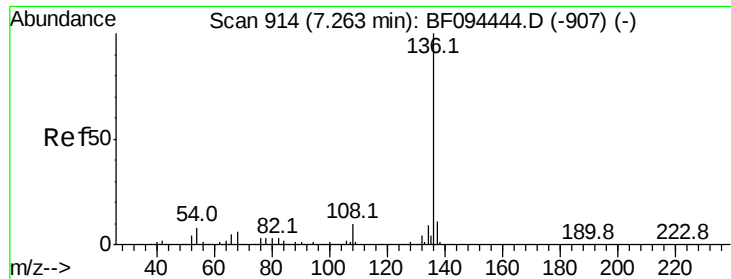
mohammad
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#20
3+4-Methylphenols
Concen: 39.95 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		385764		
108	92.5	71.0		111.0	
77	31.3	90.5		130.5#	
79	28.3	8.4		48.4	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

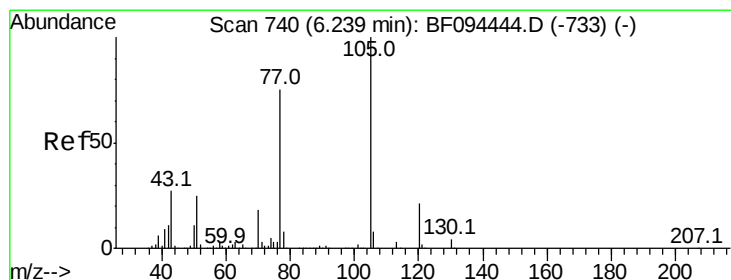
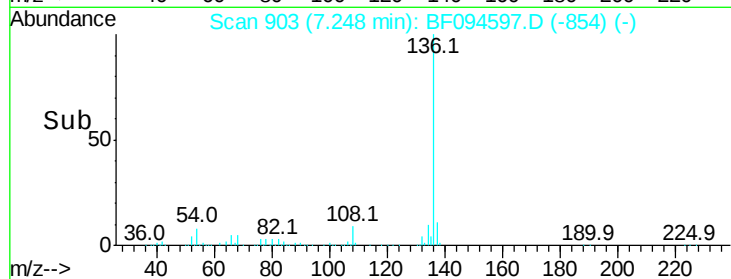
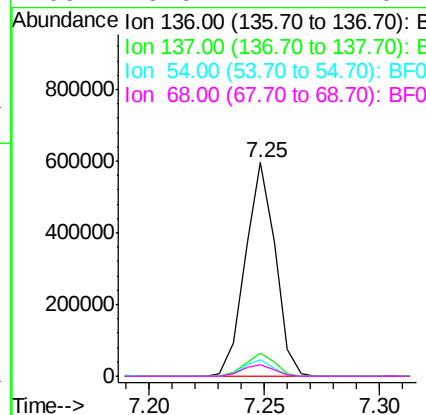
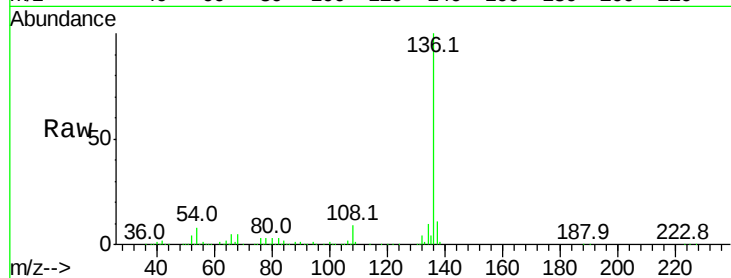
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.5	4.9	7.3#
68	5.5	4.1	6.1

Manual Integrations
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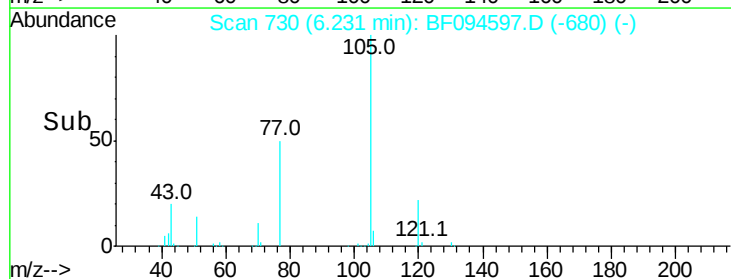
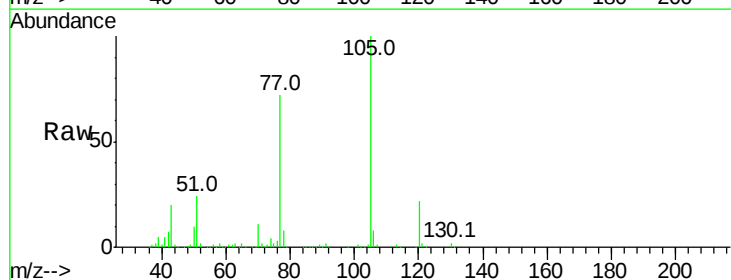
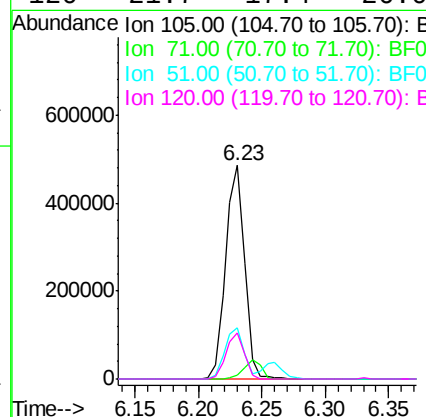
mohammad
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4/26/2017 2:20:35 PM



#22
Acetophenone
Concen: 38.74 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.8	2.8	4.2#
51	24.2	30.7	46.1#
120	21.7	17.4	26.0





#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

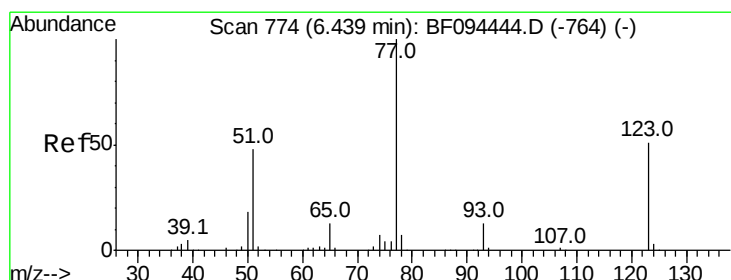
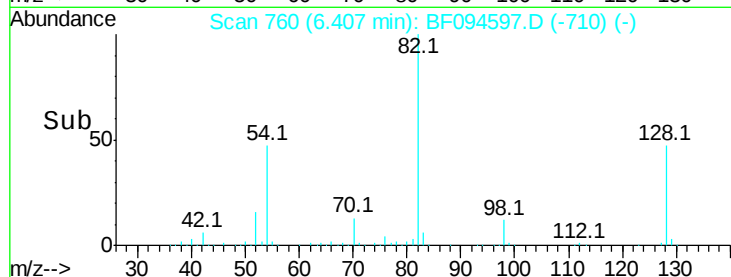
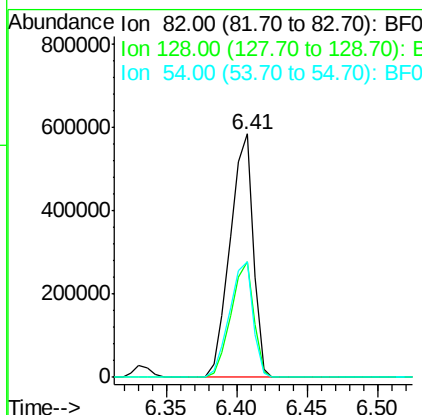
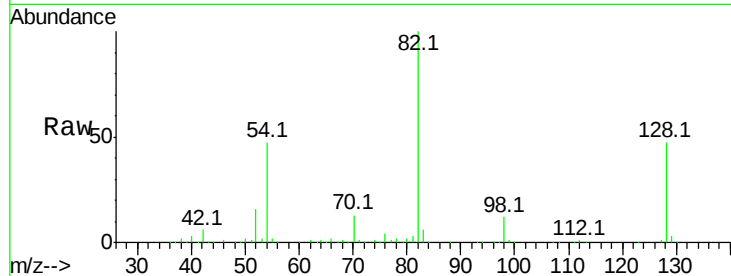
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	47.4	42.2	63.2	

Manual Integrations
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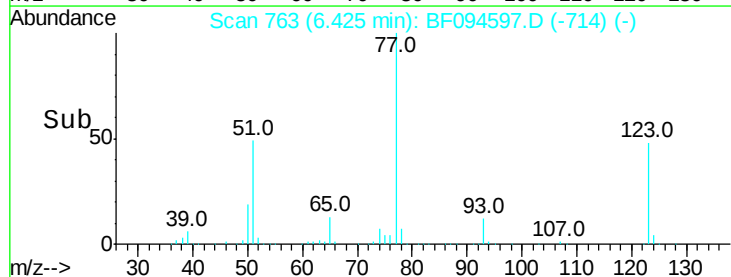
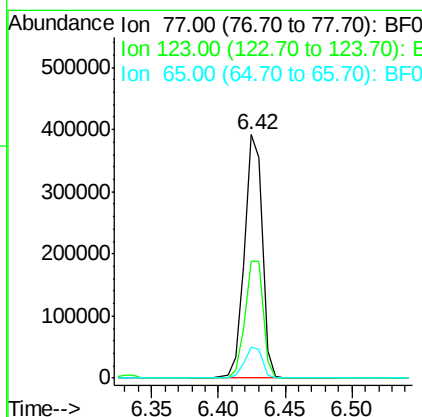
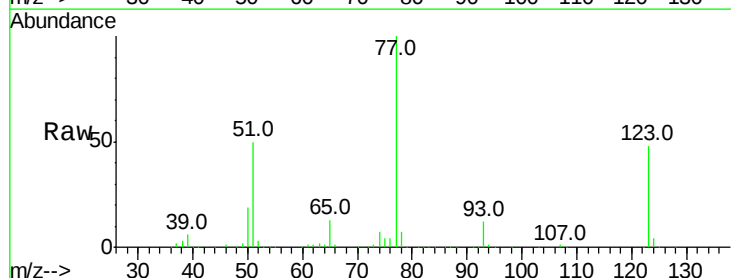
mohammad
 4/26/2017 2:20:35 PM

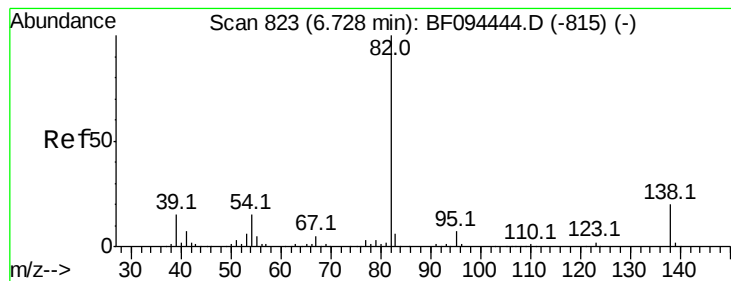
mohammad
 4/26/2017 2:20:35 PM



#24
 Nitrobenzene
 Concen: 39.16 ng
 RT: 6.42 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.1	35.8	53.8	
65	12.6	10.6	15.8	





#25

Isophorone

Concen: 40.06 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 648276

Ion Ratio Lower Upper

82 100

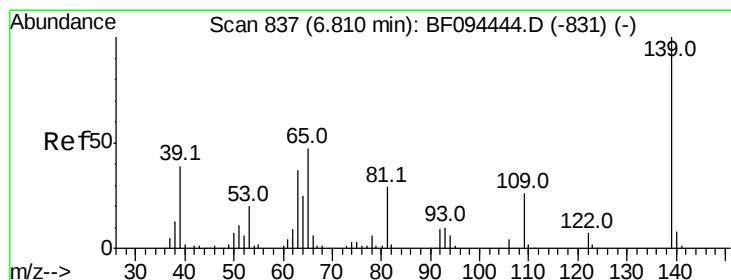
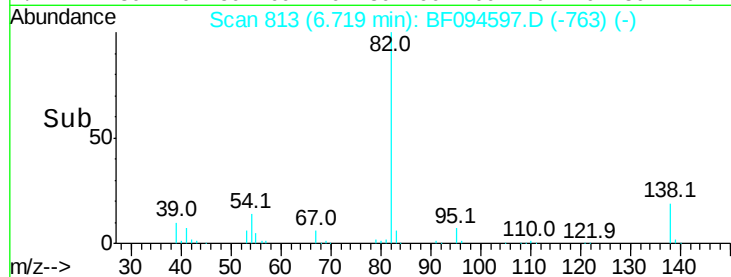
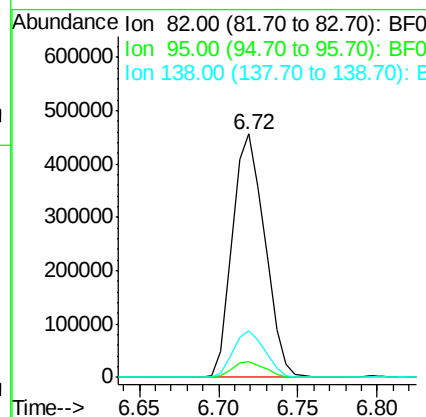
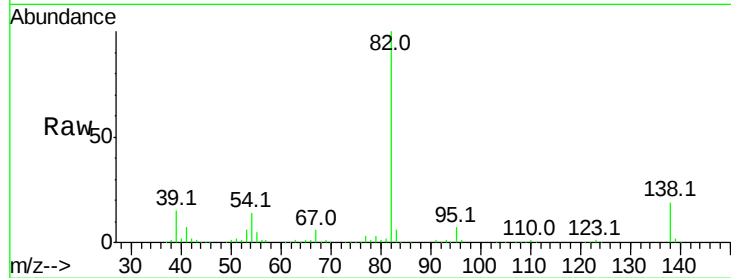
95 6.7 5.3 7.9

138 19.1 13.1 19.7

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 39.32 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

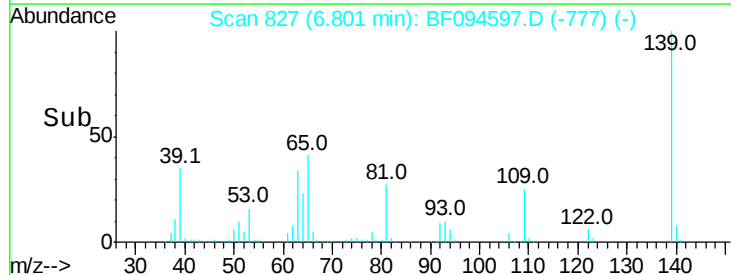
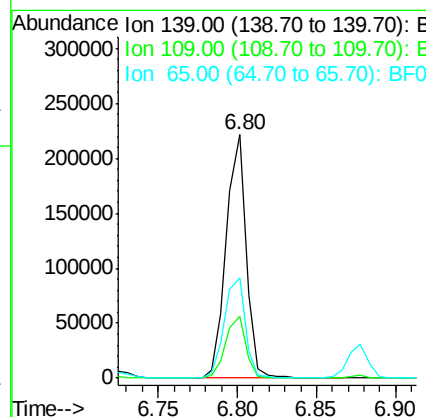
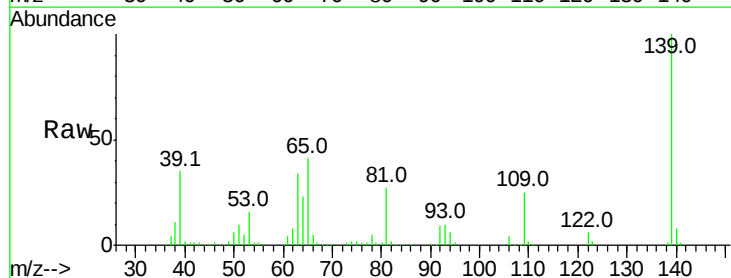
Tgt Ion: 139 Resp: 194206

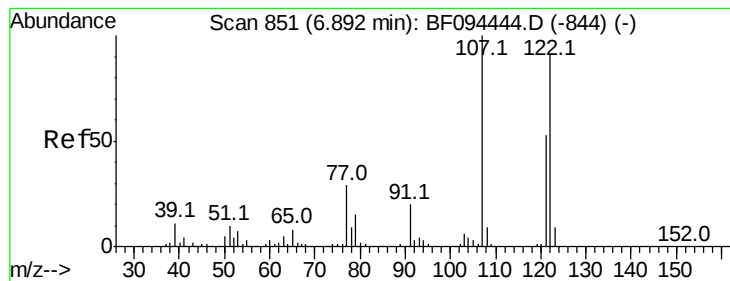
Ion Ratio Lower Upper

139 100

109 25.4 21.0 31.6

65 41.2 33.0 49.6





#27
2,4-Dimethylphenol
Concen: 38.30 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

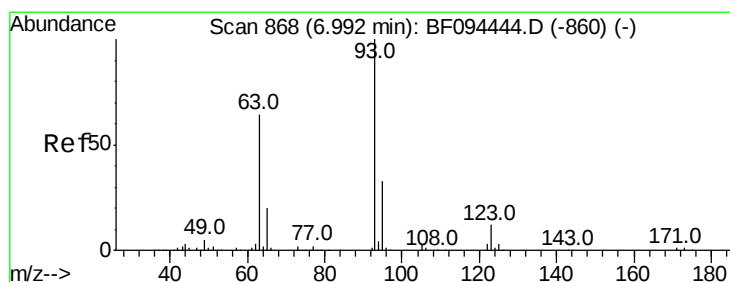
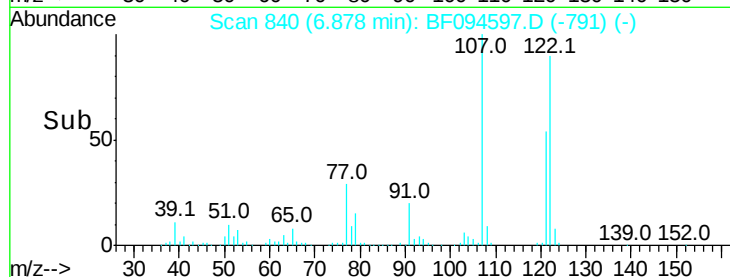
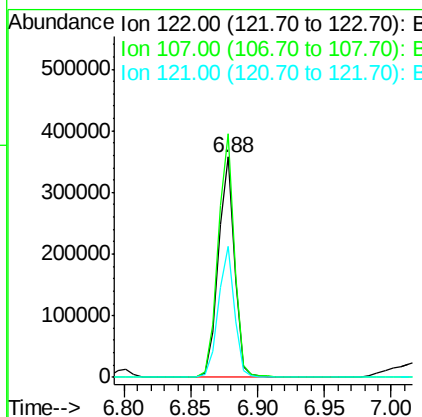
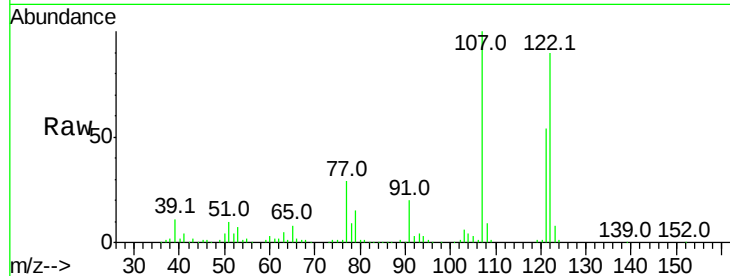
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	89.2	133.8
121	59.6	45.2	67.8

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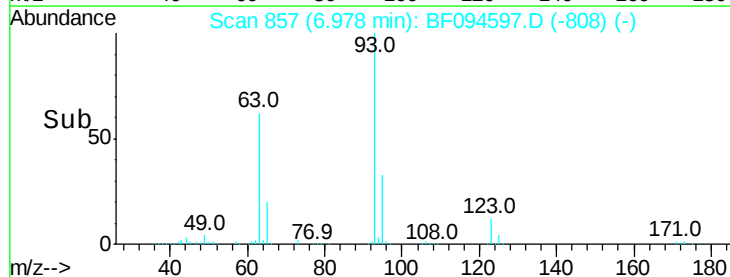
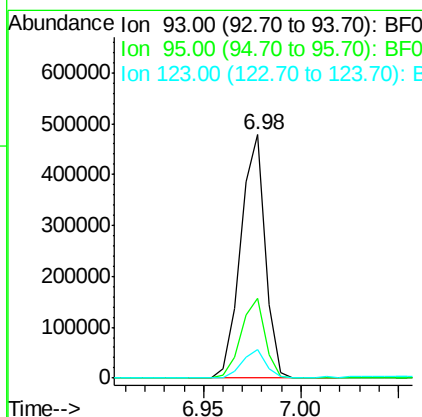
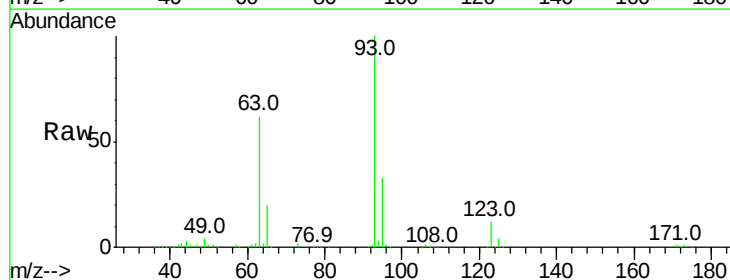
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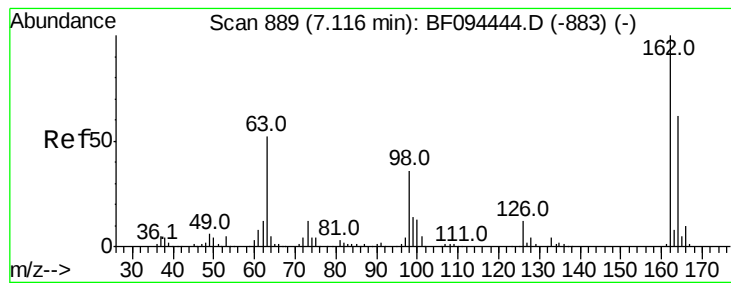
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#28
bis(2-Chloroethoxy)methane
Concen: 39.75 ng
RT: 6.98 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 39.92 ng

RT: 7.10 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

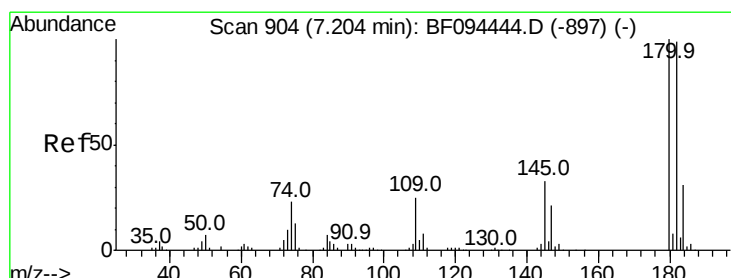
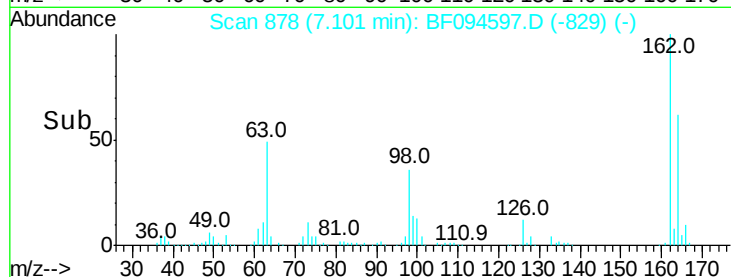
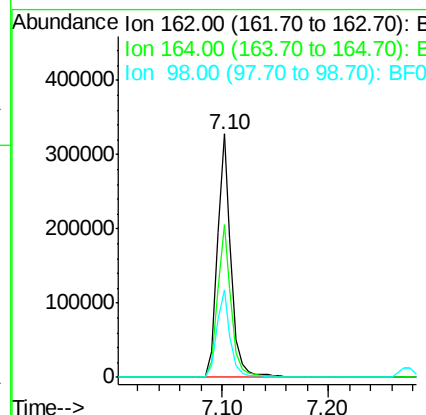
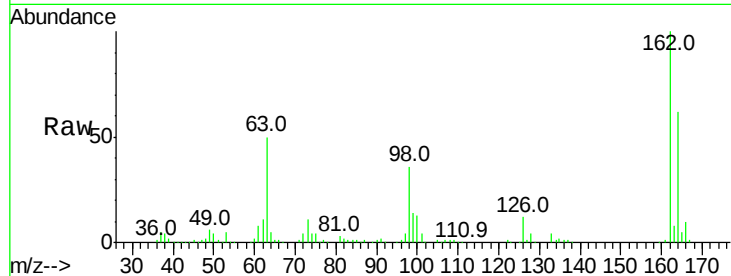
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	297964		
164	62.5	44.6	84.6	
98	35.7	14.8	54.8	

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#30

1,2,4-Trichlorobenzene

Concen: 38.38 ng

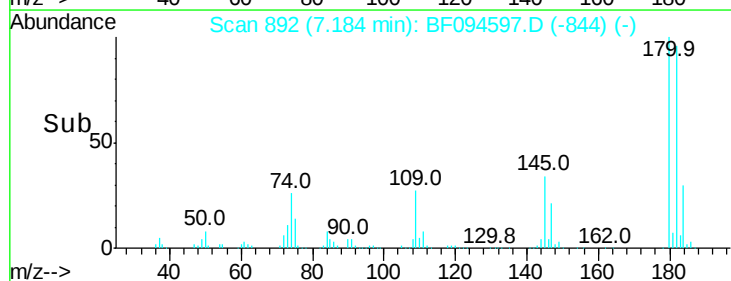
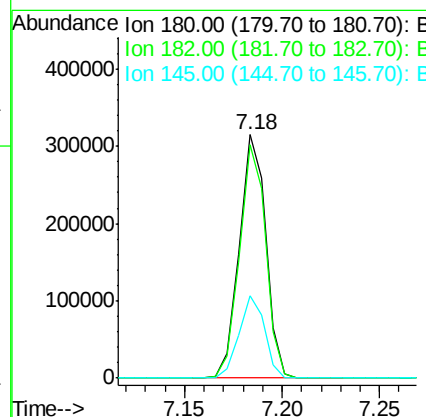
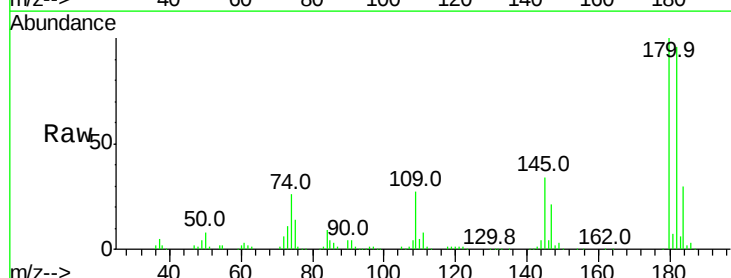
RT: 7.18 min Scan# 892

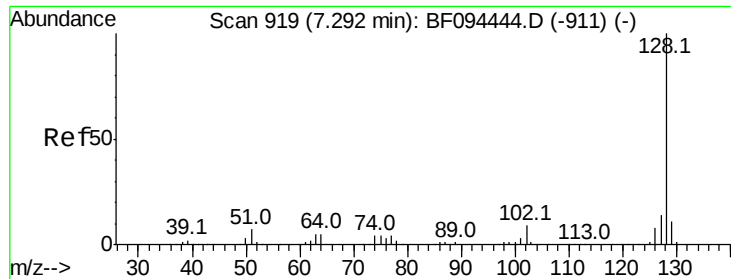
Delta R.T. -0.02 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	296172		
182	95.7	75.8	113.6	
145	33.6	25.3	37.9	





#31
Naphthalene
Concen: 38.17 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

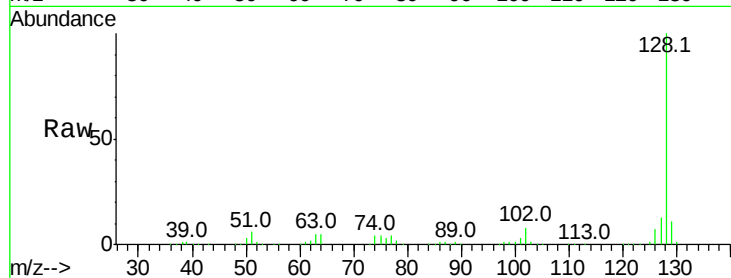
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	989158		
129	10.9		9.0	13.6
127	13.3		10.8	16.2

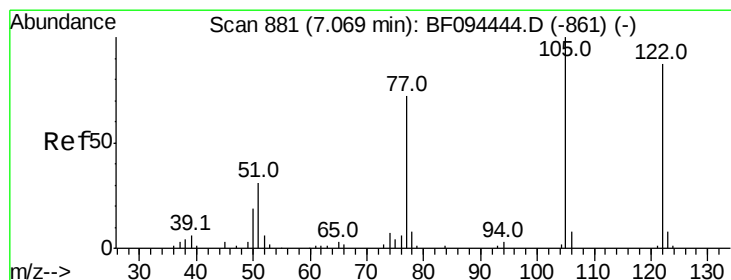
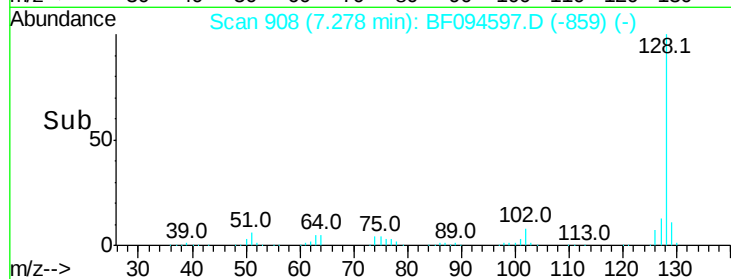
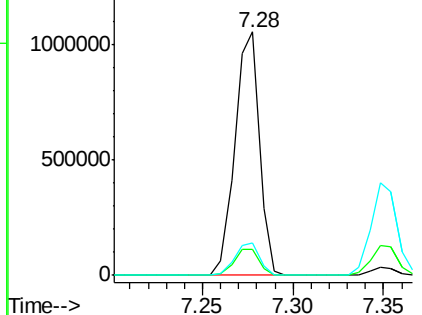
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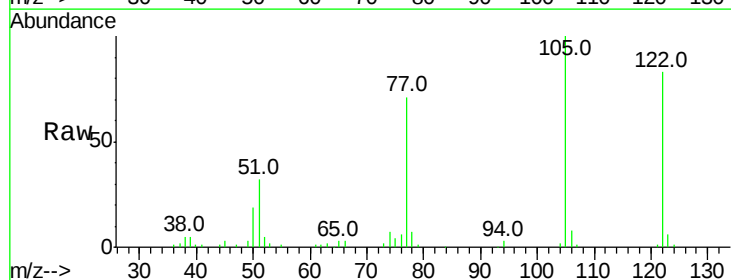


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

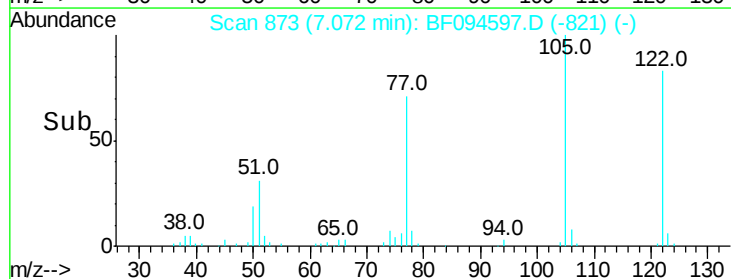
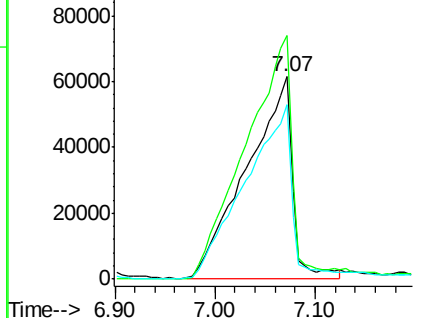


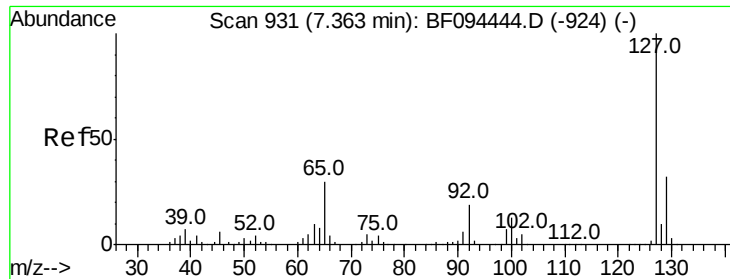
#32
Benzoic acid
Concen: 46.21 ng m
RT: 7.07 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	196039		
105	120.5		103.3	143.3
77	86.1		73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 37.92 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

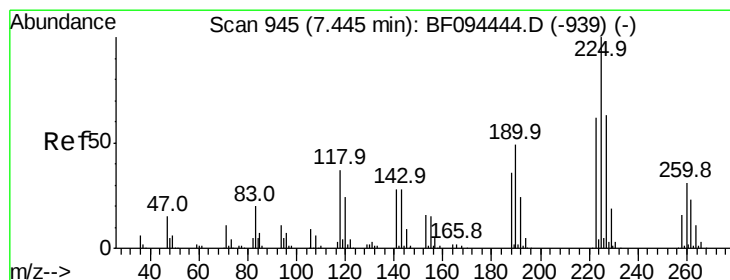
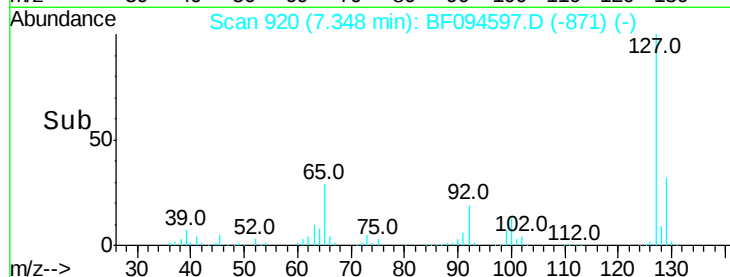
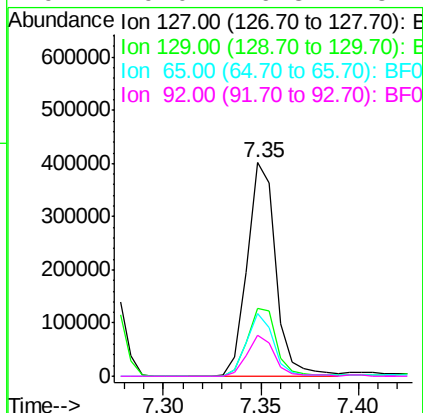
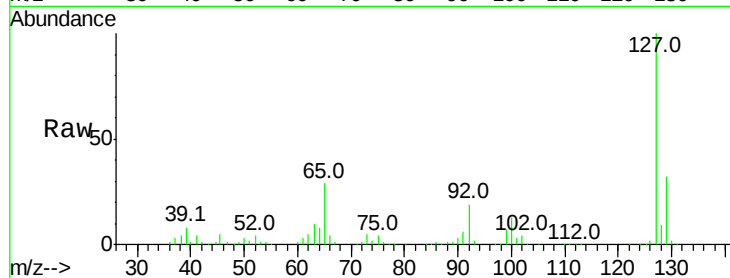
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.2	39.2	
65	29.3	27.8	41.8	
92	19.0	16.8	25.2	

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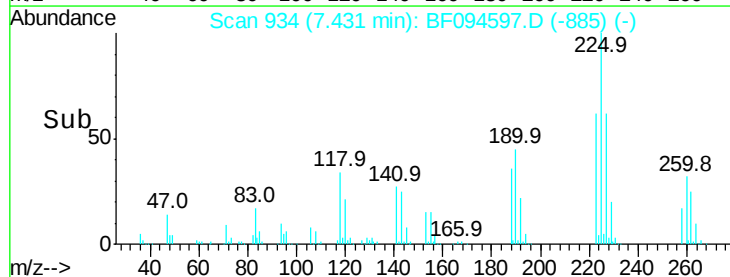
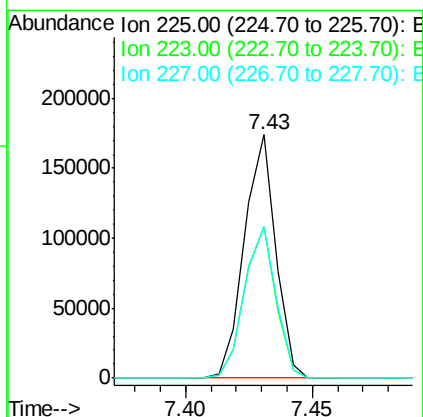
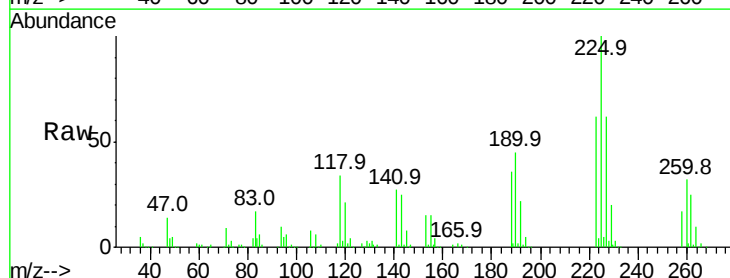
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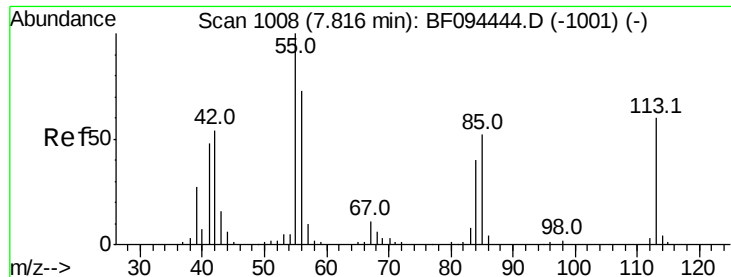
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#34
Hexachlorobutadiene
Concen: 38.84 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	48.8	73.2	
227	62.4	51.1	76.7	





#35
 Caprolactam
 Concen: 42.18 ng/ml
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

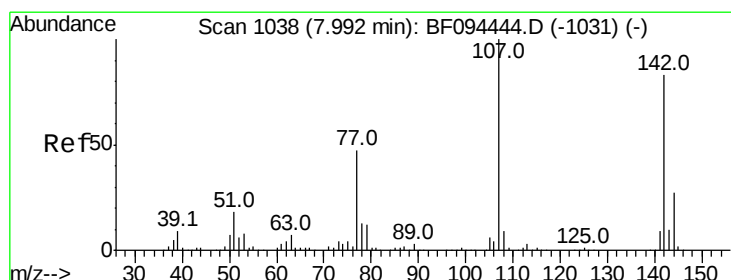
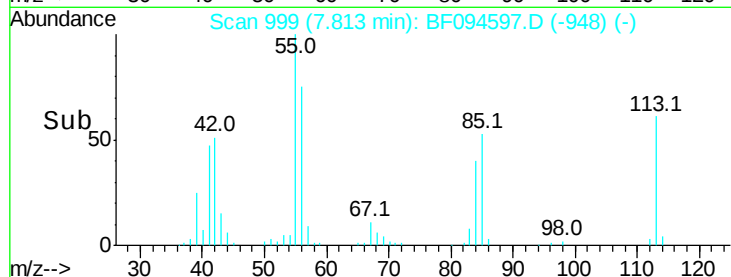
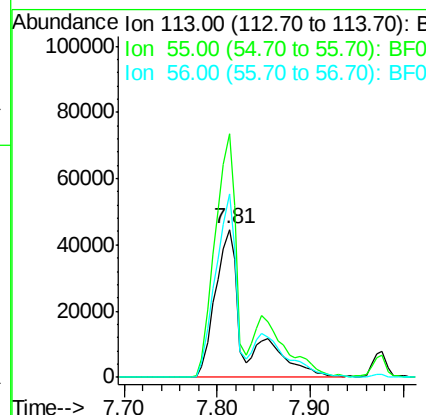
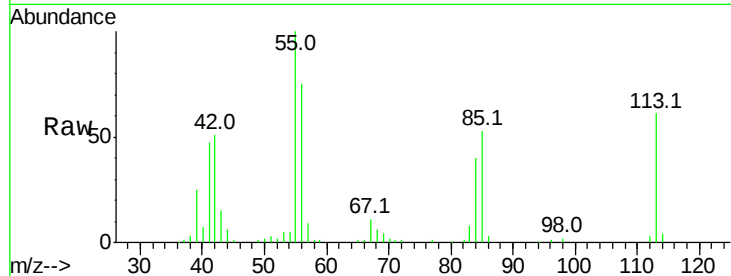
Instrument :
 BNA_F
 ClientSampleID :
 SSTCCCC040

Tot Ion:113 Resp: 98895
 Ion Ratio Lower Upper
 113 100
 55 164.9 150.2 190.2
 56 123.9 107.8 147.8

Manual Integrations
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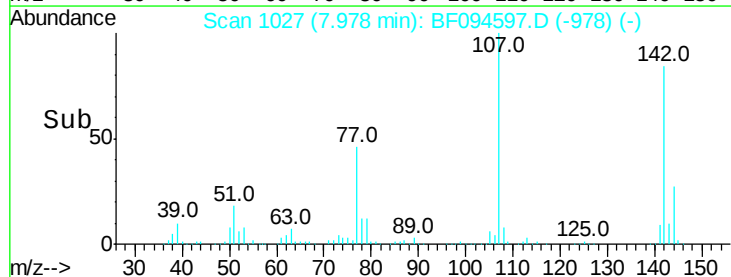
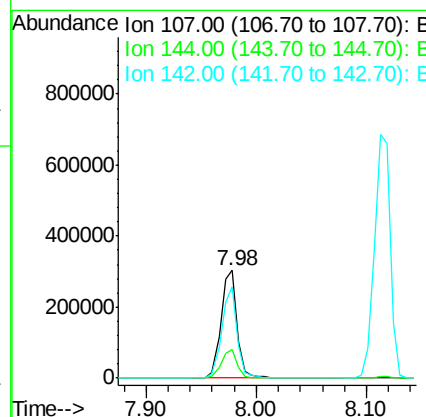
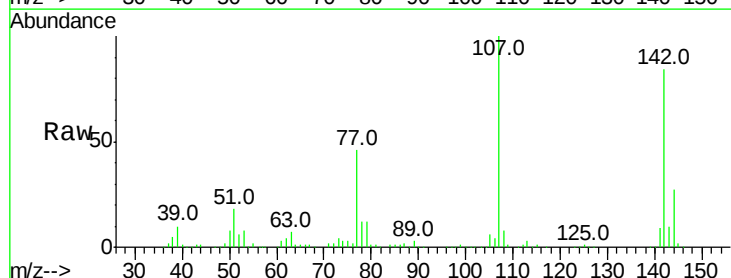
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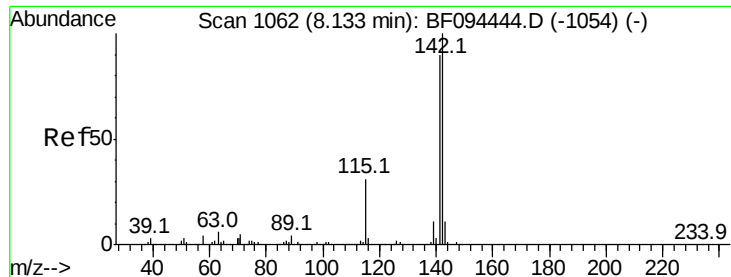
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#36
 4-Chloro-3-methylphenol
 Concen: 38.93 ng/ml
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:107 Resp: 304472
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 84.2 73.4 110.0





#37
 2-Methylnaphthalene
 Concen: 39.17 ng
 RT: 8.11 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

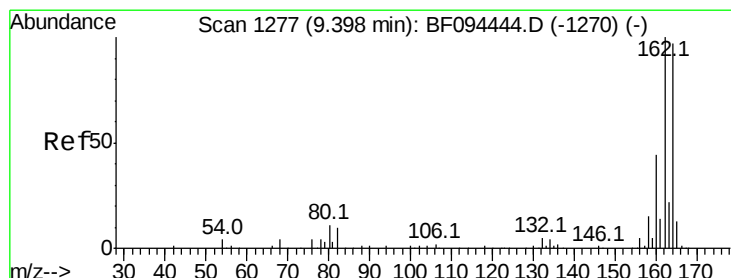
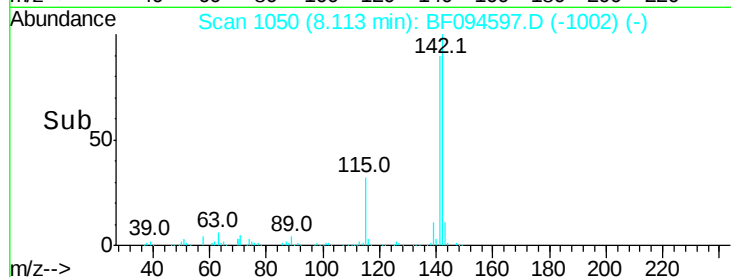
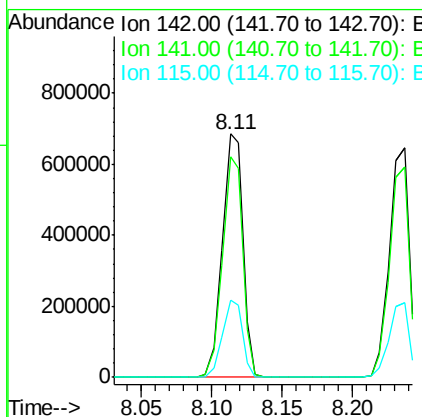
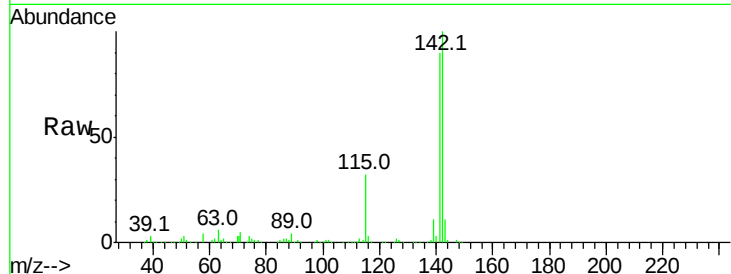
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	694385		
141	90.4		71.3	106.9
115	31.9		27.1	40.7

Manual Integrations
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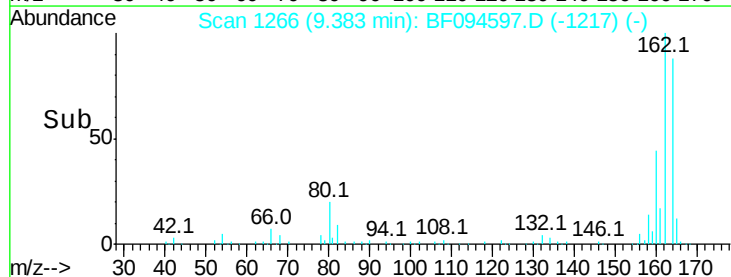
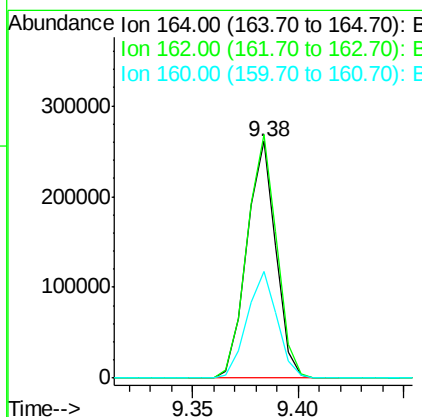
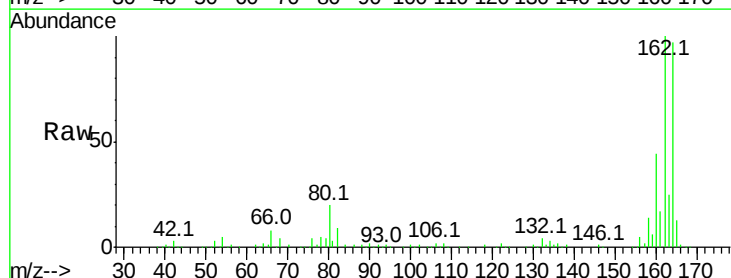
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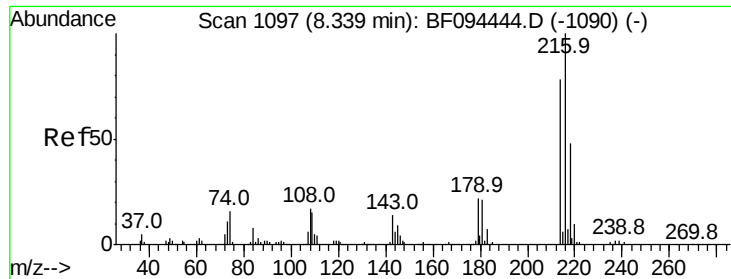
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	248385		
162	102.7		82.6	123.8
160	45.0		36.2	54.2





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.96 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

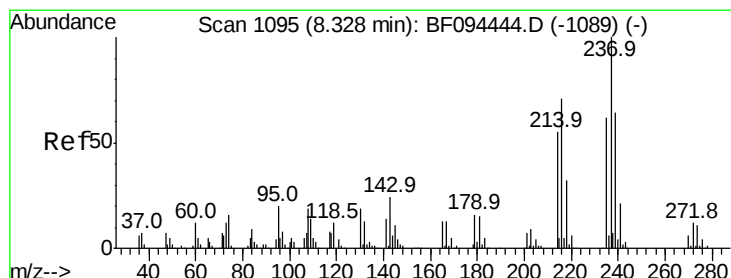
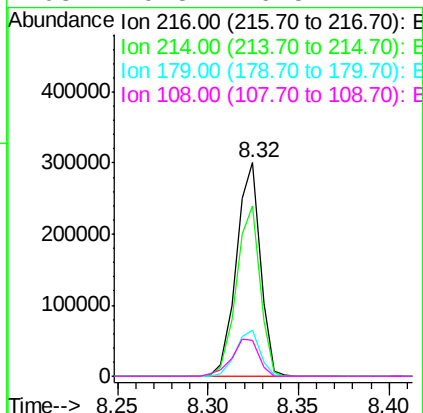
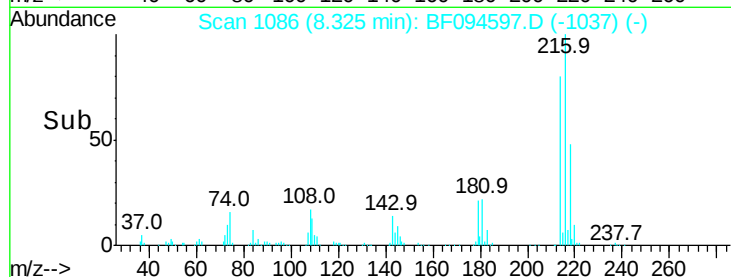
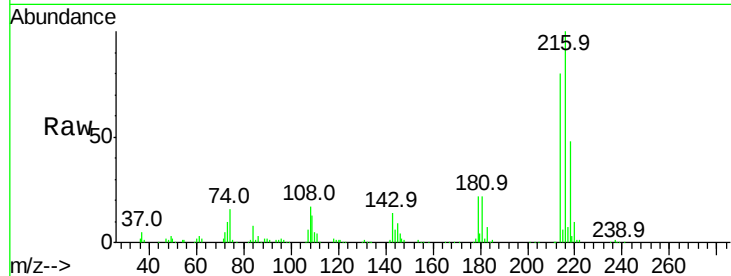
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	275537		
214	79.3	63.4	95.2	
179	21.9	17.9	26.9	
108	19.8	16.5	24.7	

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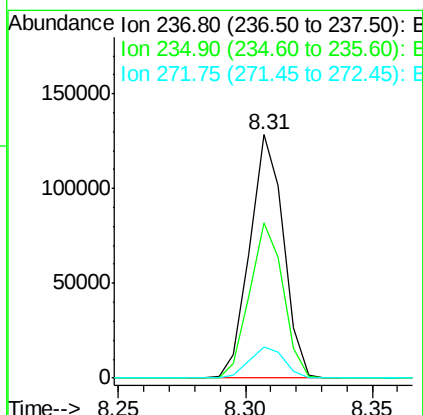
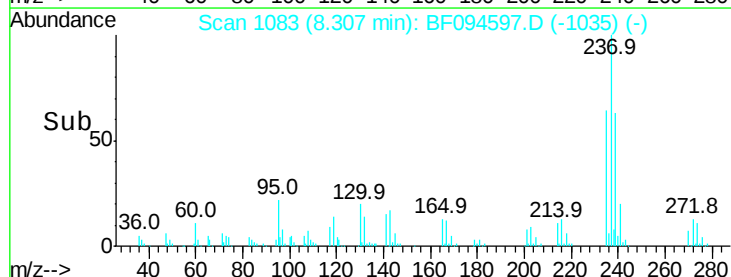
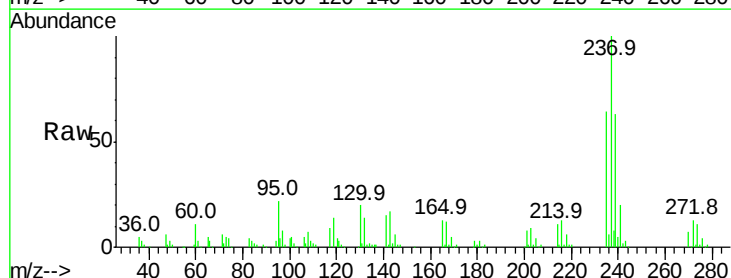
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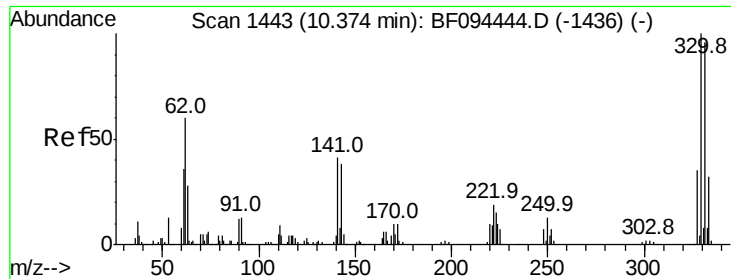
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#40
 Hexachlorocyclopentadiene
 Concen: 41.45 ng
 RT: 8.31 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	118601		
235	63.7	42.6	82.6	
272	12.6	0.0	31.9	





#41
 2,4,6-Tribromophenol
 Concen: 84.25 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

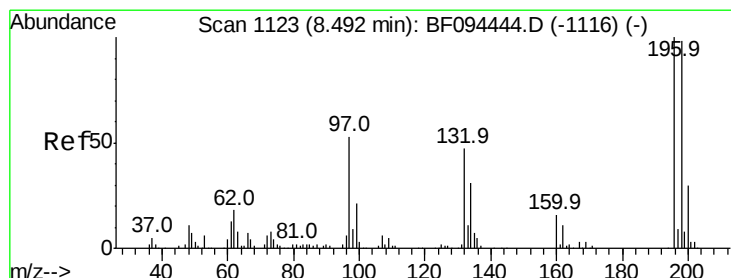
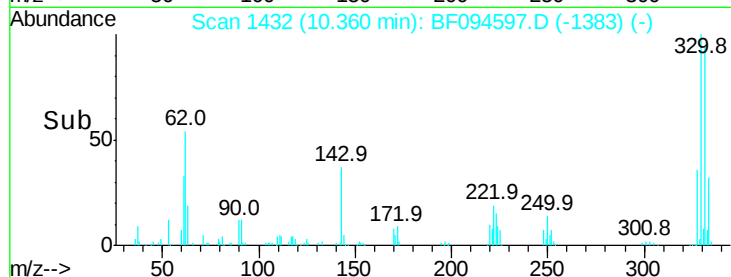
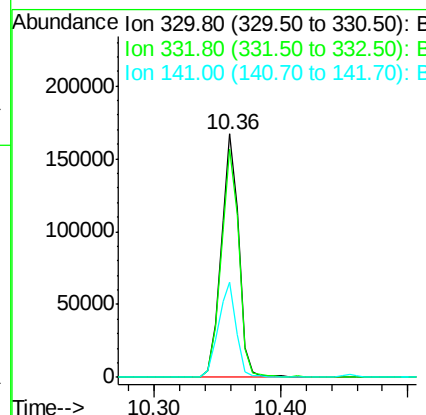
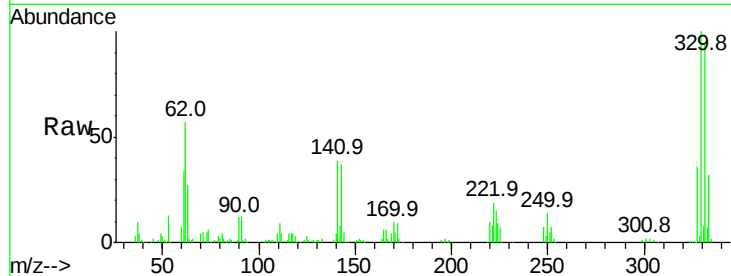
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	40.0	31.4	47.2

Manual Integrations
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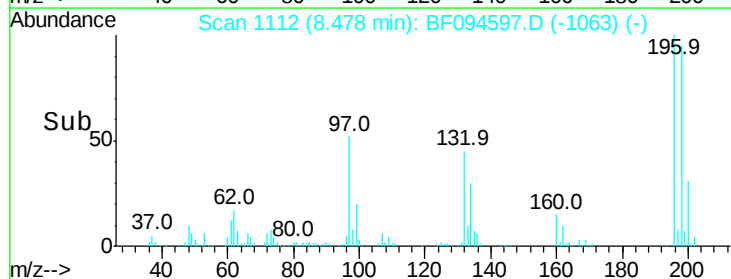
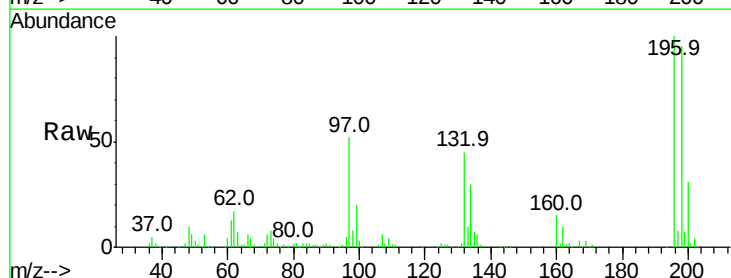
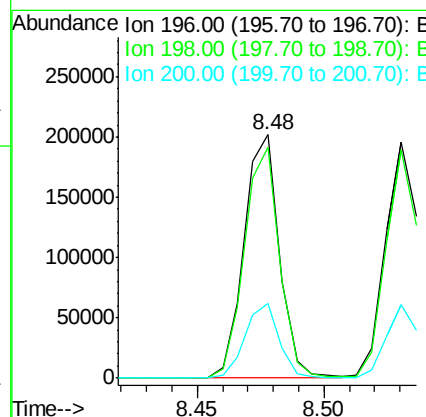
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 4/26/2017 2:20:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
200	30.6	24.0	36.0





#43
 2,4,5-Trichlorophenol
 Concen: 39.41 ng
 RT: 8.53 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

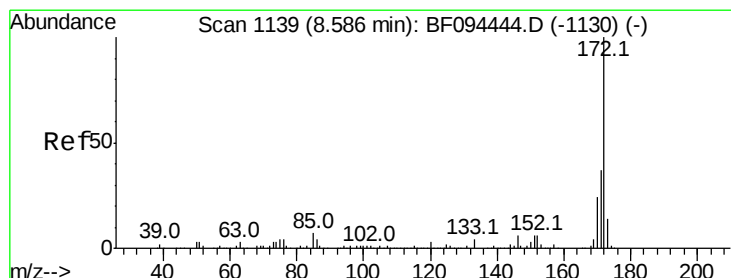
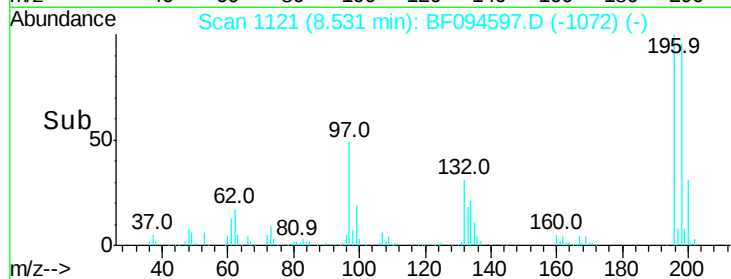
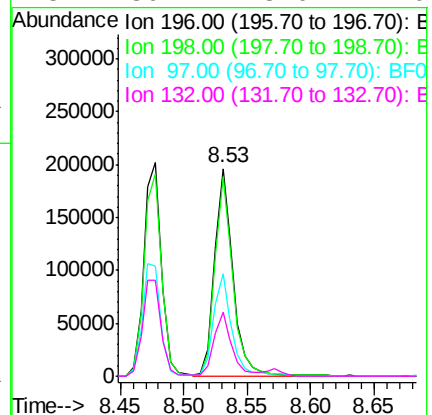
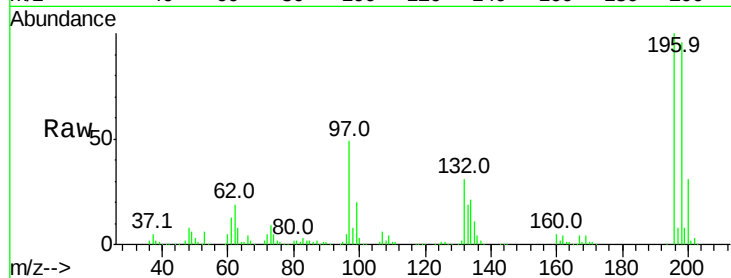
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	201044
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.7	113.5
97	49.5	47.7	71.5
132	30.7	28.0	42.0

Manual Integrations
 APPROVED

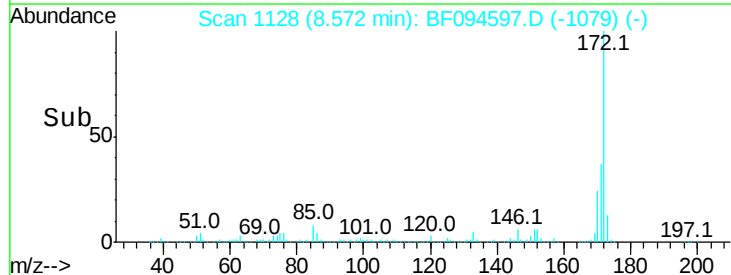
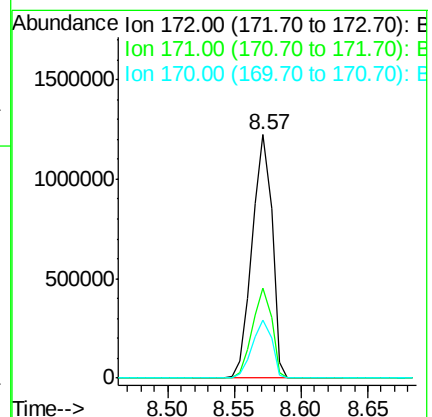
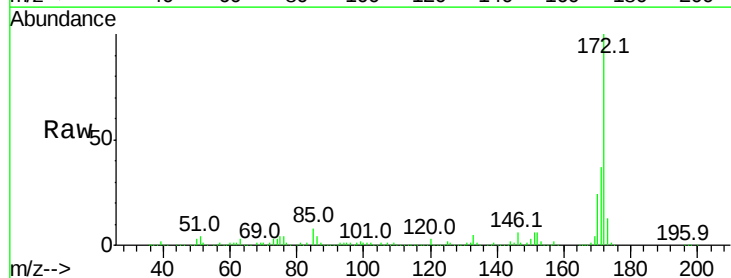
mohammad
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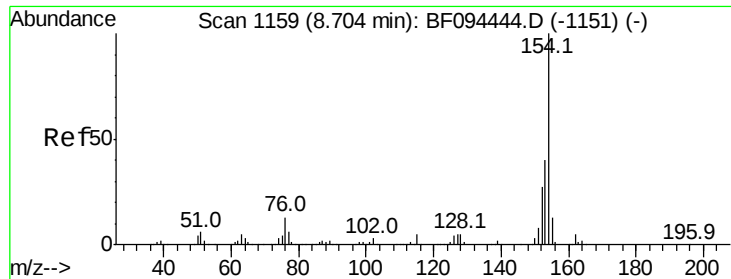
mohammad
 4/26/2017 2:20:35 PM



#44
 2-Fluorobiphenyl
 Concen: 73.95 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:	172	Resp:	1248446
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	23.9	19.8	29.8





#45
 1,1'-Biphenyl
 Concen: 39.07 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

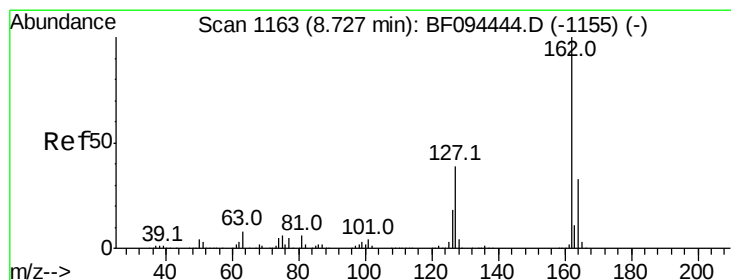
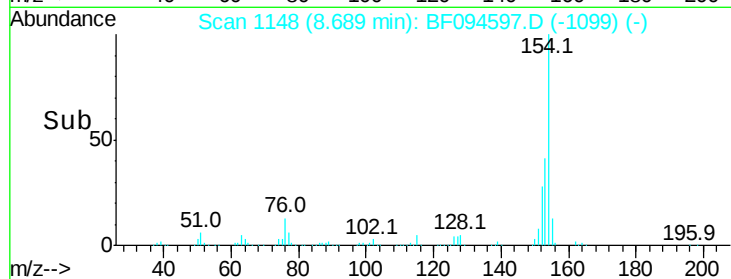
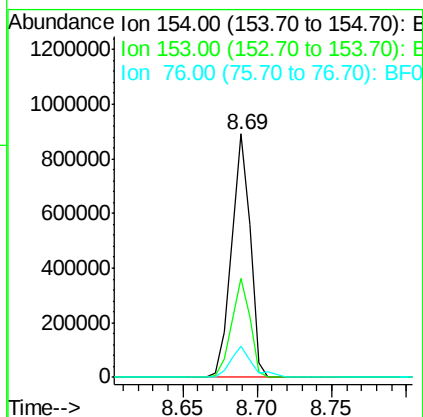
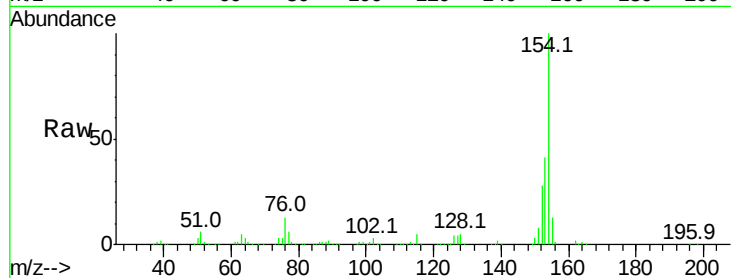
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.2	61.2	
76	12.8	0.0	29.9	

Manual Integrations
 APPROVED

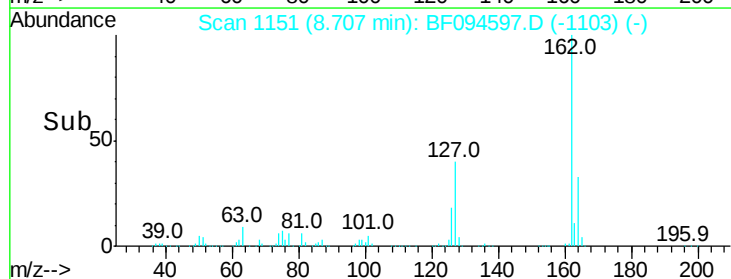
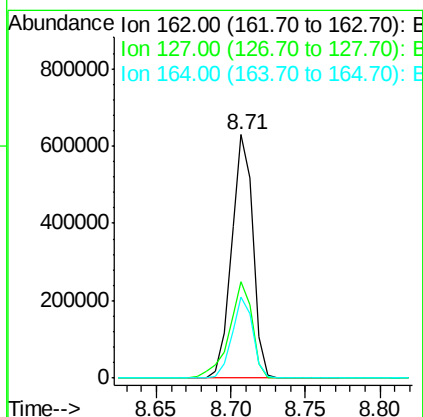
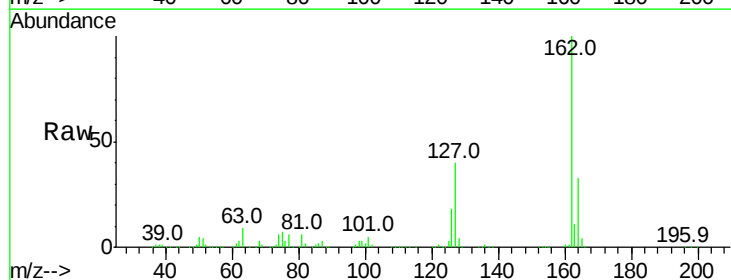
mohammad
 4/26/2017 2:20:35 PM

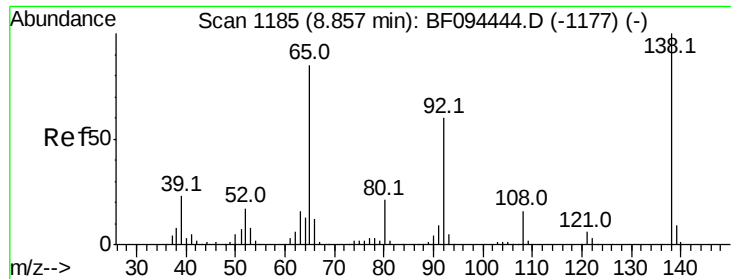
mohammad
 4/26/2017 2:20:35 PM



#46
 2-Chloronaphthalene
 Concen: 39.20 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.8	28.3	42.5	
164	33.4	27.0	40.4	





#47
 2-Nitroaniline
 Concen: 39.00 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

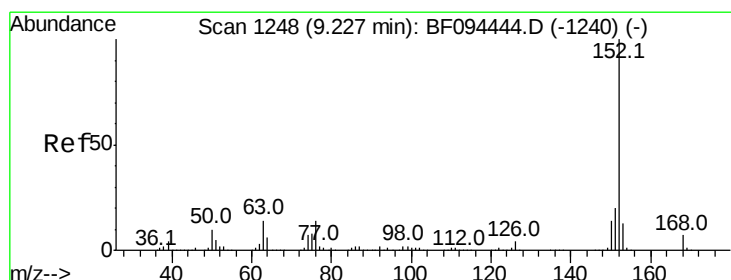
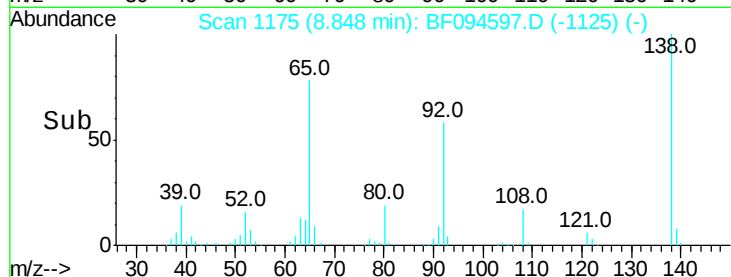
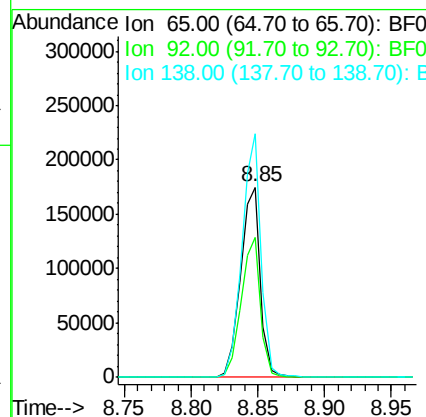
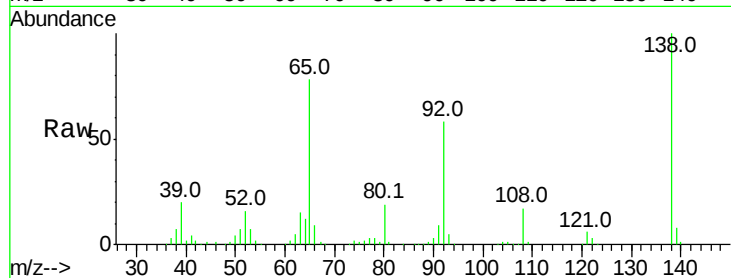
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.8	53.9	80.9
138	127.9	78.8	118.2#

Manual Integrations
 APPROVED

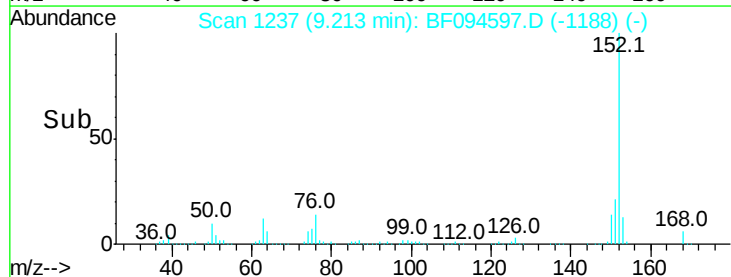
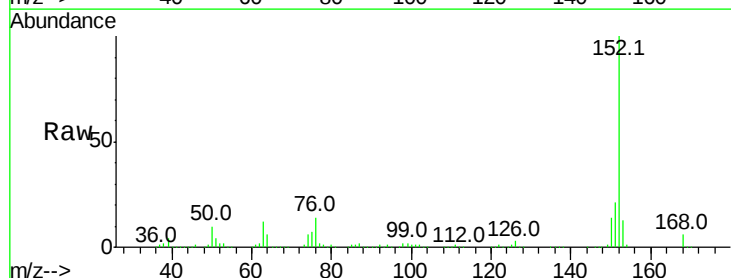
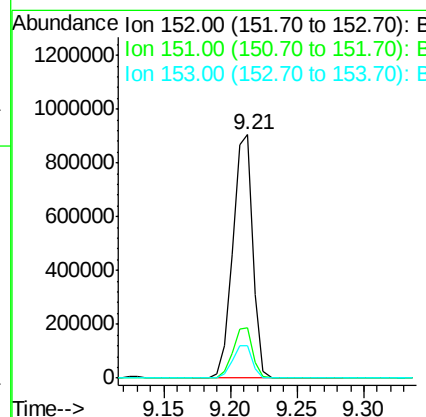
mohammad
 4/26/2017 2:20:35 PM

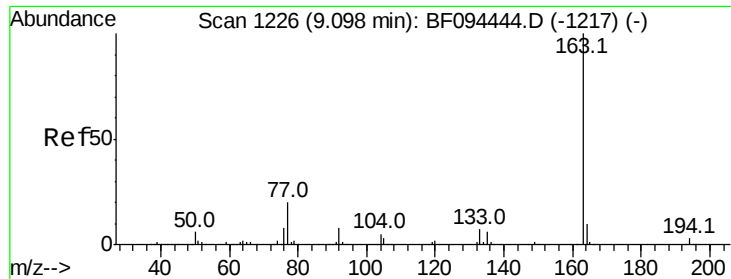
mohammad
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#48
 Acenaphthylene
 Concen: 38.03 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.1	10.8	16.2





#49
 Dimethylphthalate
 Concen: 40.49 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

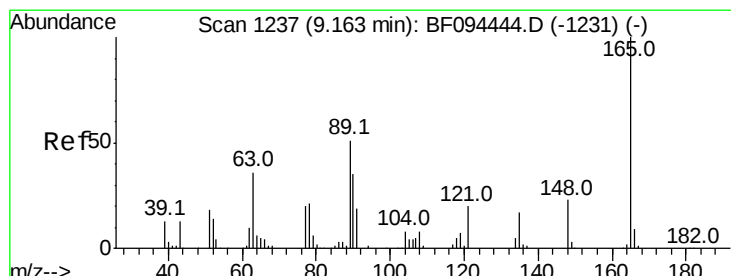
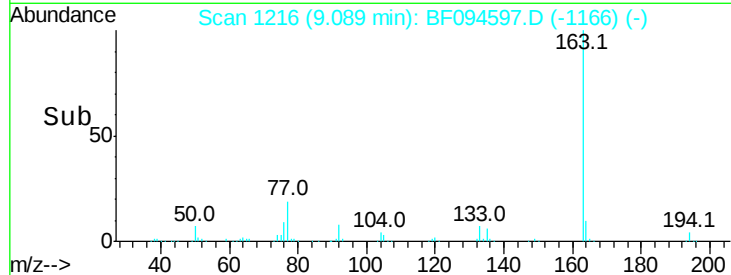
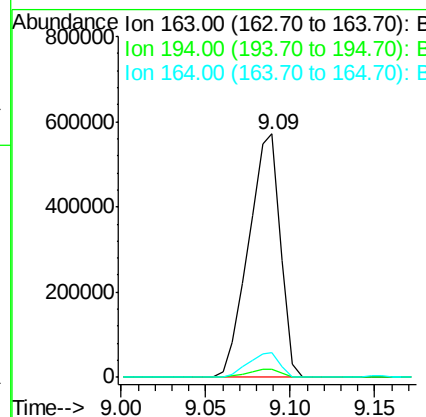
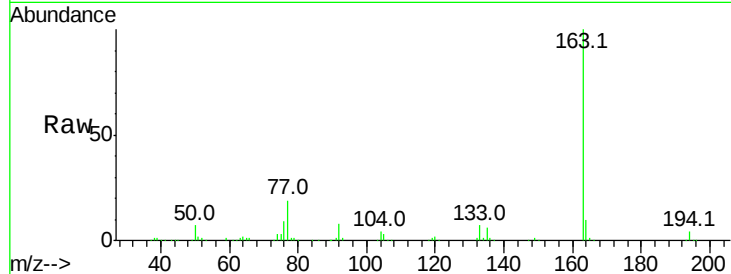
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	749522		
194	3.6		2.6	4.0
164	9.9		8.4	12.6

Manual Integrations
 APPROVED

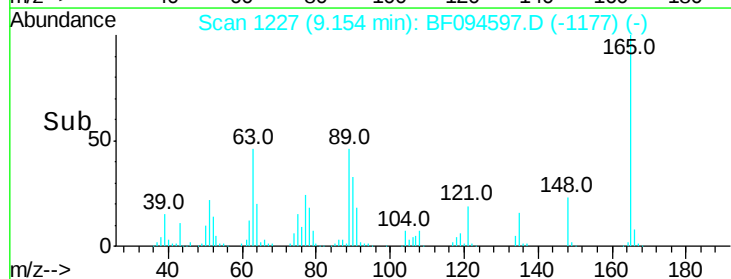
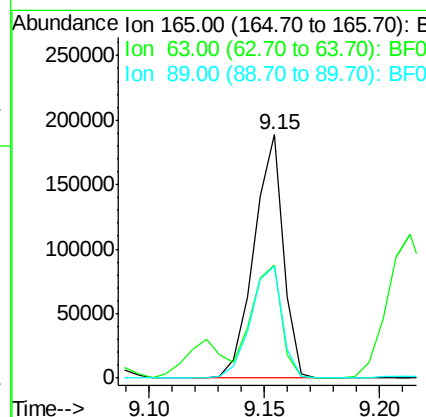
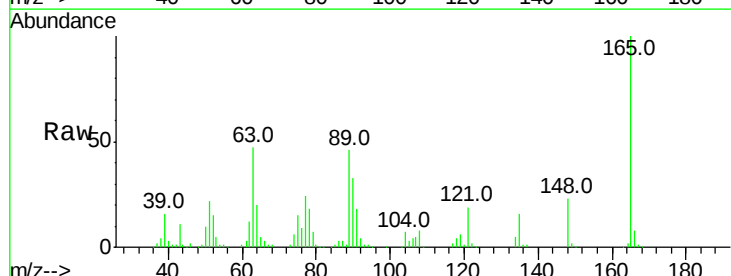
mohammad
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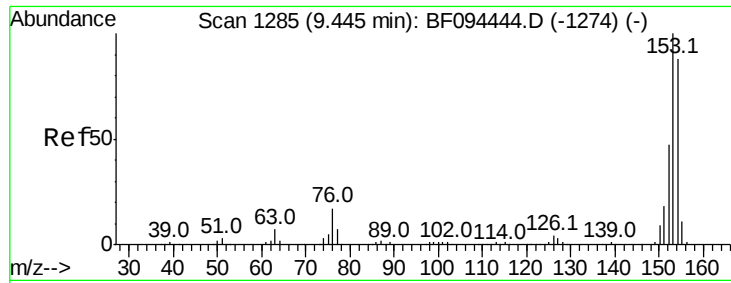
mohammad
 4/26/2017 2:20:35 PM



#50
 2,6-Dinitrotoluene
 Concen: 40.38 ng
 RT: 9.15 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167774		
63	46.7		34.3	51.5
89	46.2		37.1	55.7





#51
Acenaphthene
Concen: 38.32 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

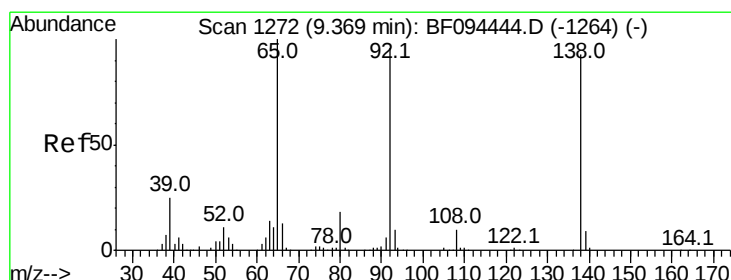
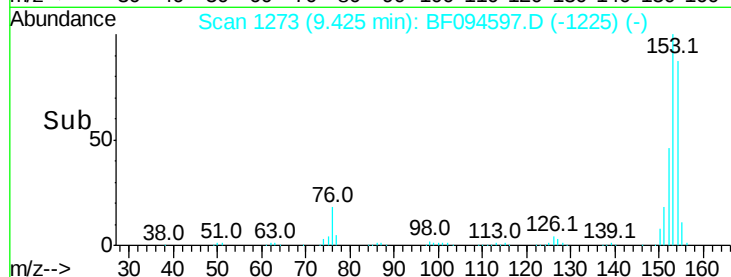
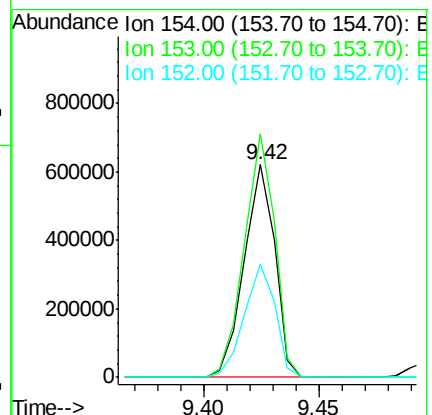
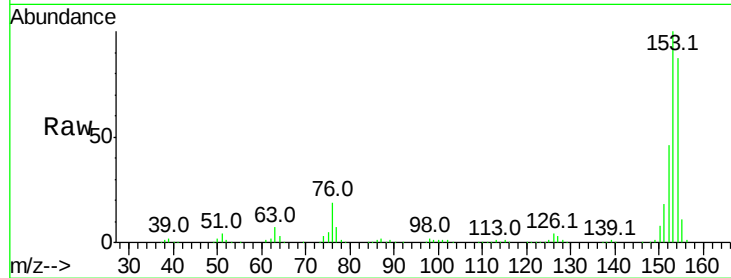
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.5	135.7
152	53.1	43.6	65.4

Manual Integrations
APPROVED

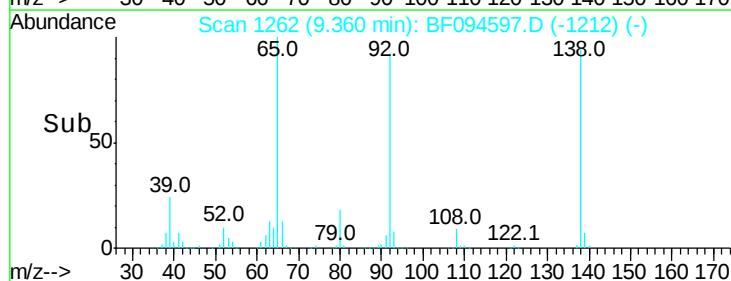
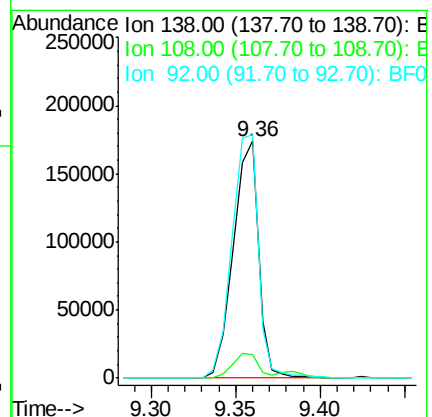
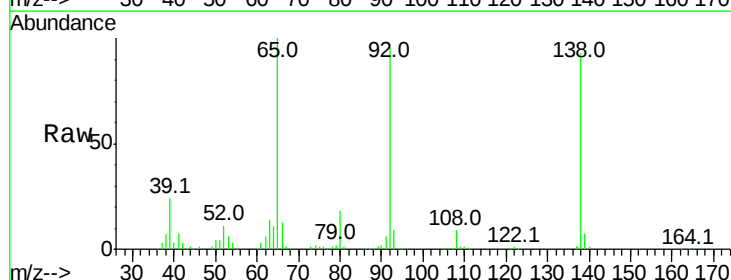
mohammad
4/26/2017 2:20:35 PM

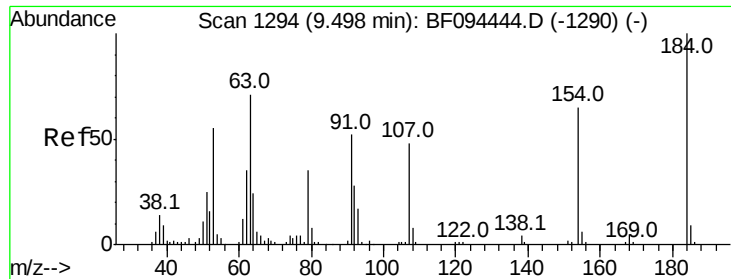
mohammad
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#52
3-Nitroaniline
Concen: 37.66 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	102.8	93.8	140.6





#53
 2,4-Dinitrophenol
 Concen: 40.60 ng
 RT: 9.50 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

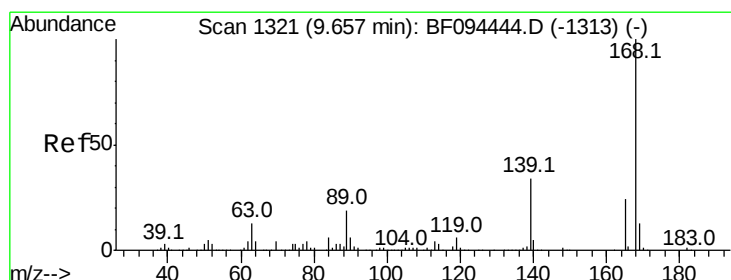
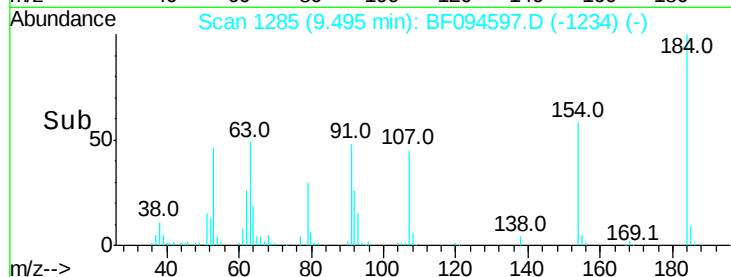
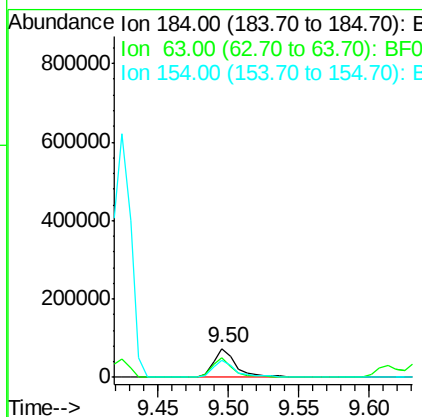
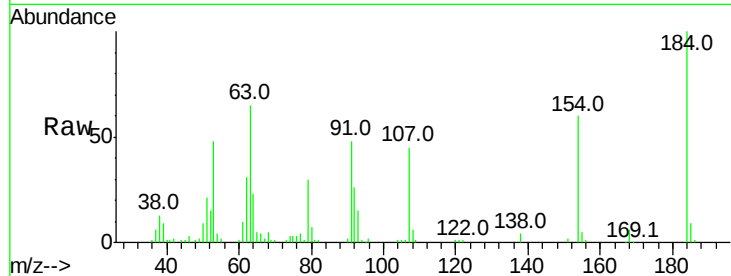
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.4	62.7	94.1
154	59.6	81.1	121.7#

Manual Integrations
 APPROVED

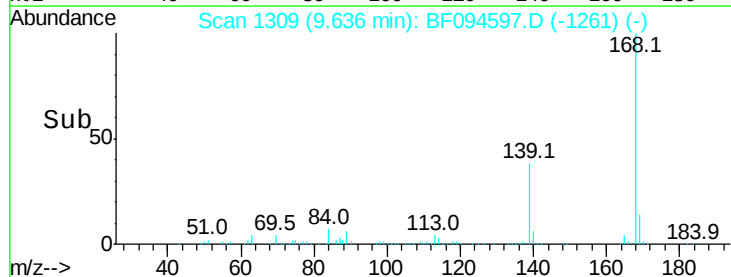
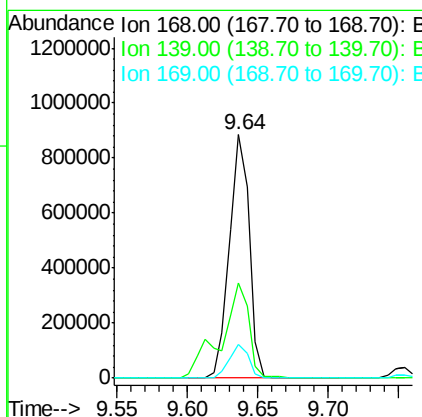
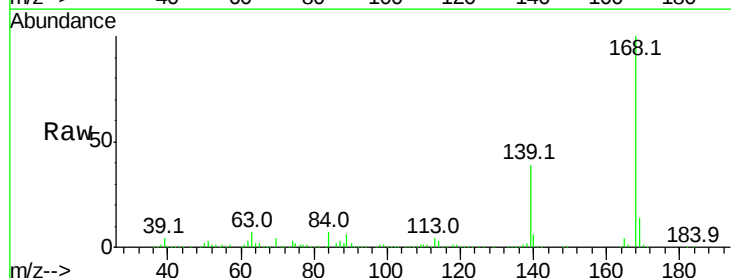
mohammad
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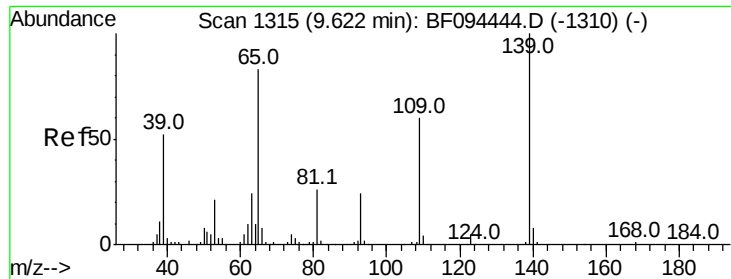
mohammad
 4/26/2017 2:20:35 PM



#54
 Dibenzofuran
 Concen: 39.44 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.6	45.8
169	13.7	10.8	16.2





#55
4-Nitrophenol
Concen: 46.28 ng/ml
RT: 9.61 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

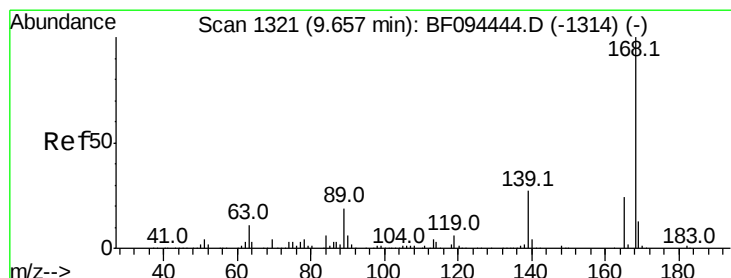
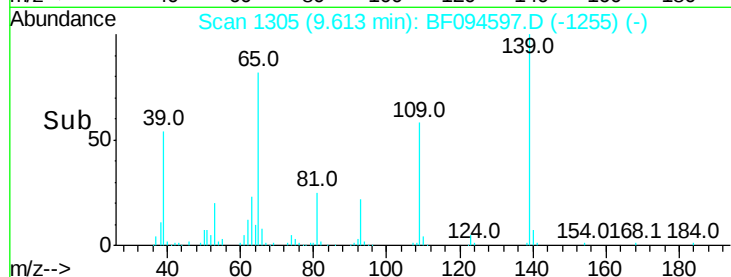
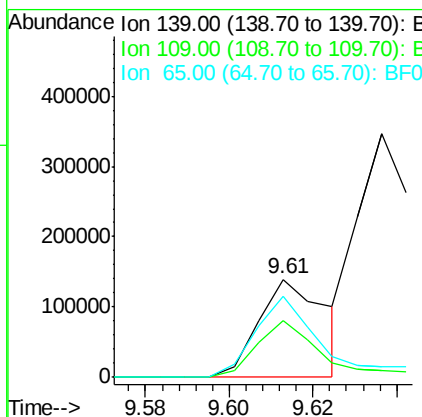
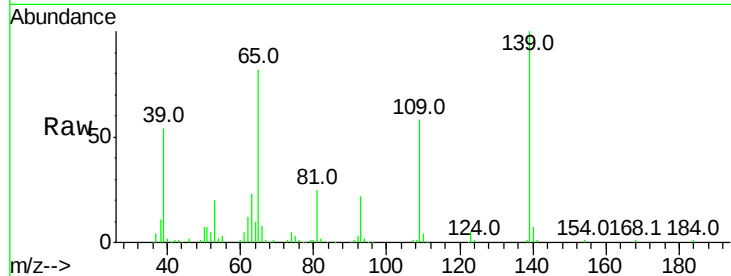
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.4	34.1	74.1	
65	82.4	31.4	71.4	

Manual Integrations
APPROVED

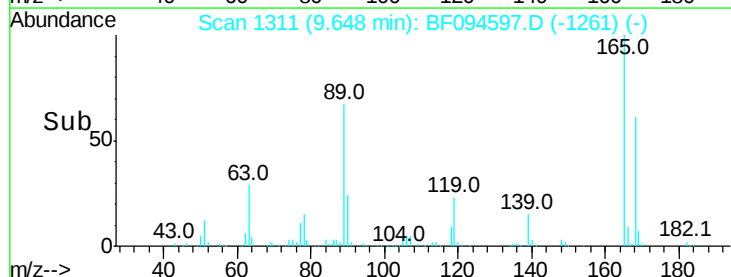
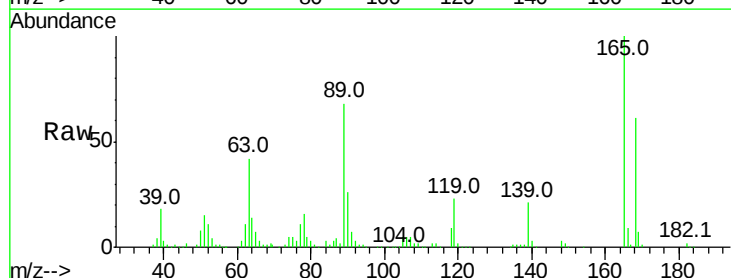
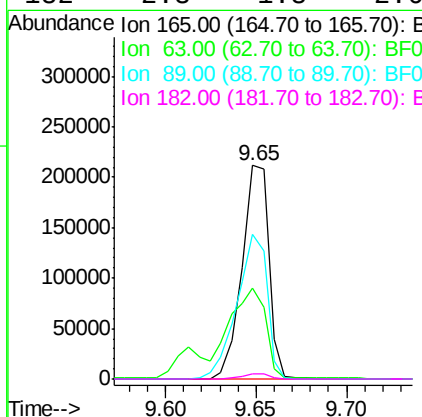
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mohammad
4/26/2017 2:20:35 PM



#56
2,4-Dinitrotoluene
Concen: 42.92 ng/ml
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.4	25.4	38.0	
89	67.9	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 38.87 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 662881

Ion Ratio Lower Upper

166 100

165 97.0 78.8 118.2

167 13.3 10.6 16.0

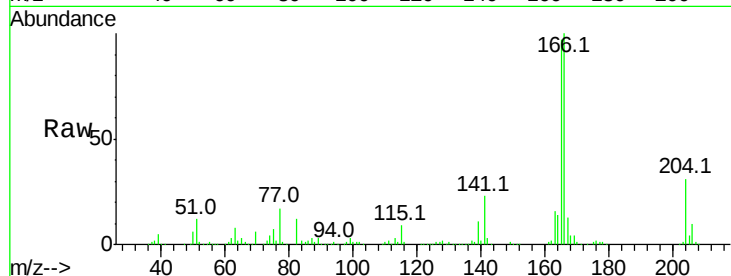
Manual Integrations
APPROVED

mohammad

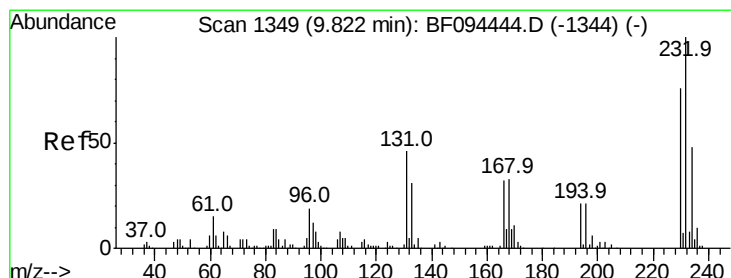
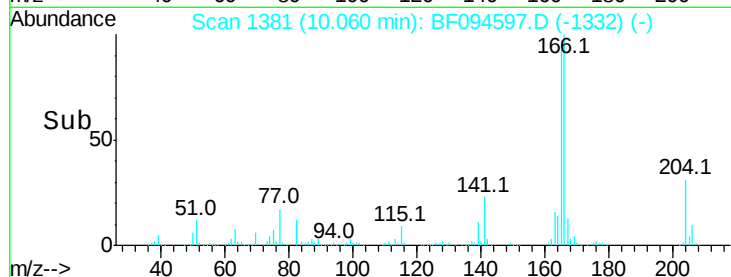
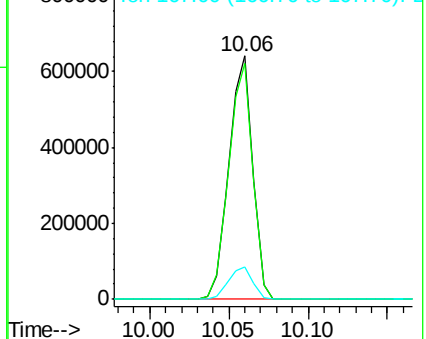
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4/26/2017 2:20:35 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.76 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Tgt Ion:232 Resp: 149011

Ion Ratio Lower Upper

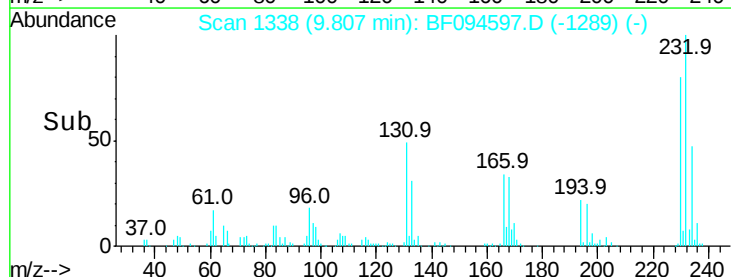
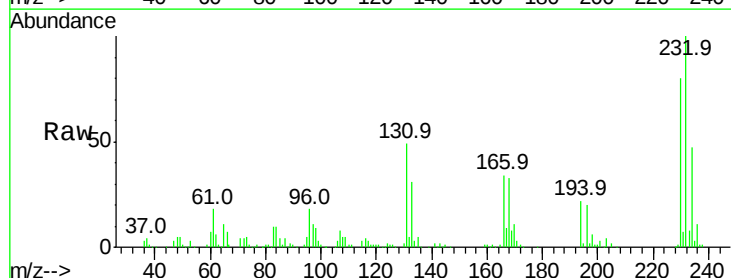
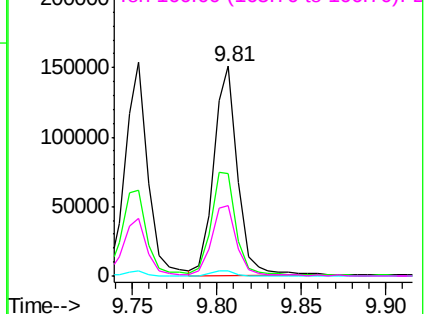
232 100

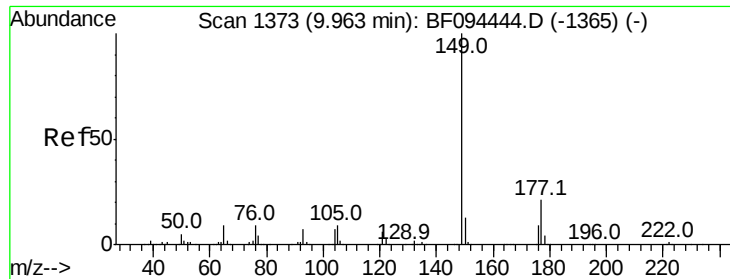
131 51.5 44.8 67.2

130 2.3 2.3 3.5#

166 36.5 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59
Diethylphthalate
Concen: 40.99 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

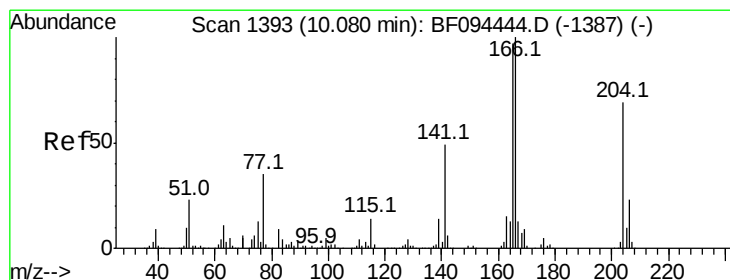
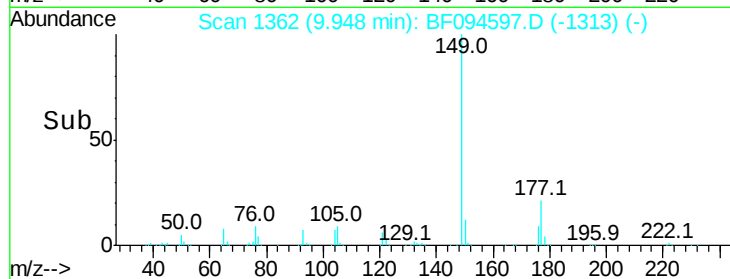
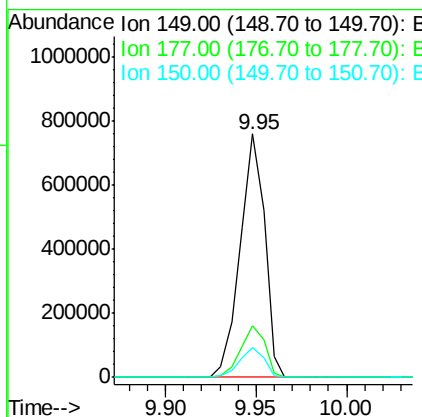
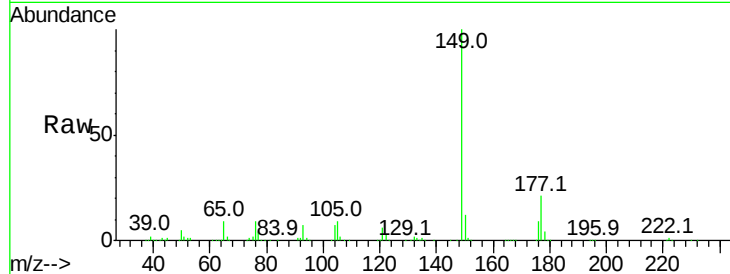
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.7	25.1
150	12.4	10.2	15.2

Manual Integrations
APPROVED

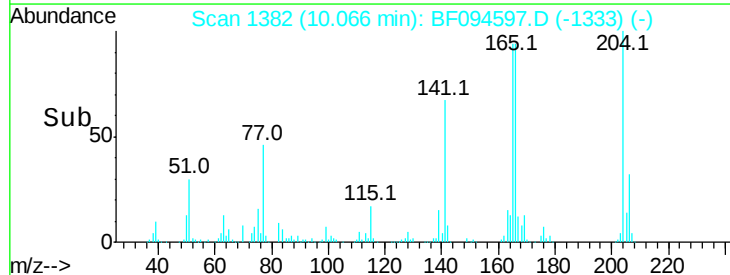
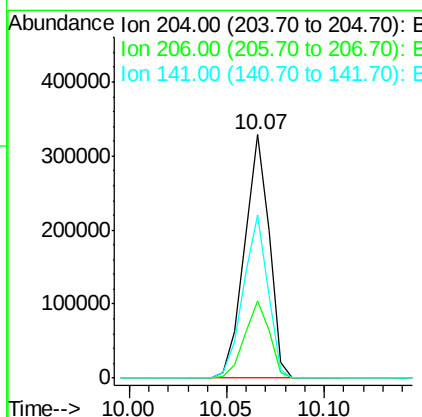
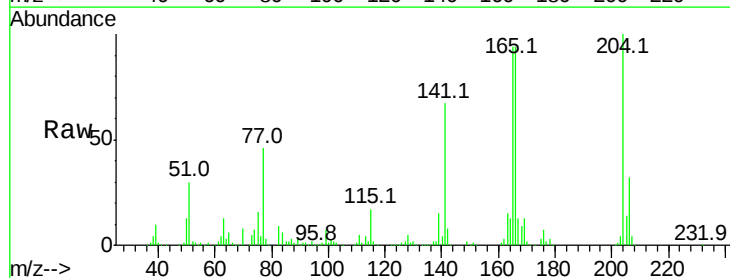
mohammad
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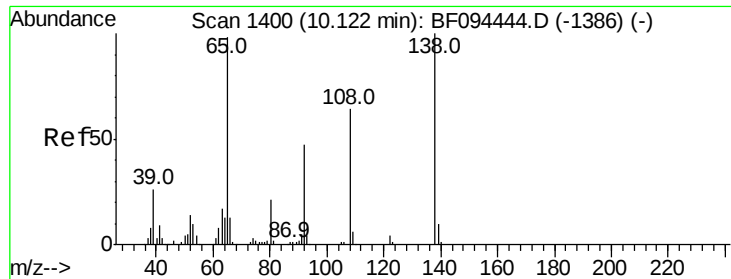
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.64 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	67.0	60.8	91.2





#61
4-Nitroaniline
Concen: 36.22 ng
RT: 10.11 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

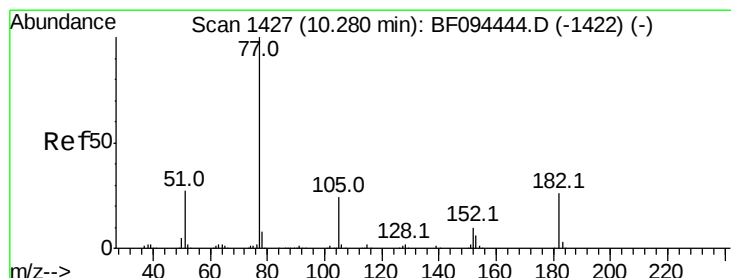
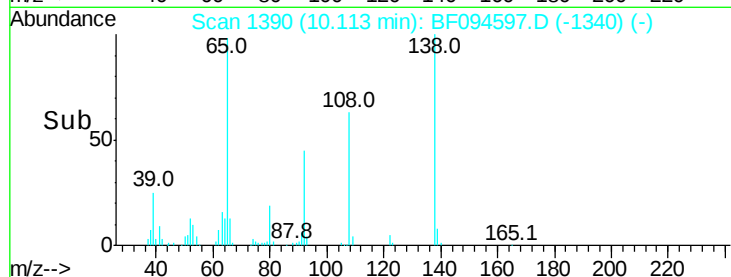
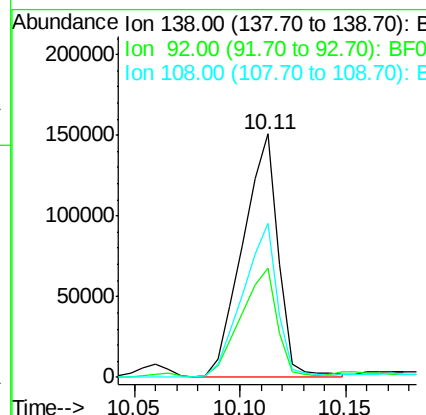
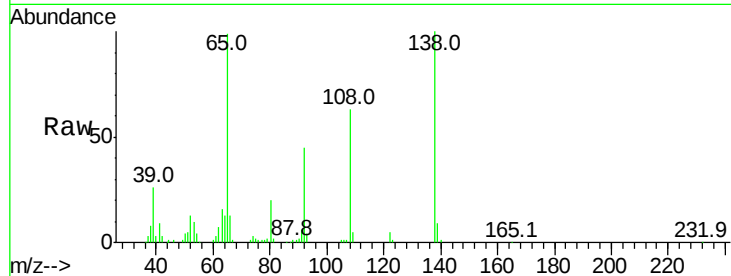
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	63.1	42.3	82.3

Manual Integrations
APPROVED

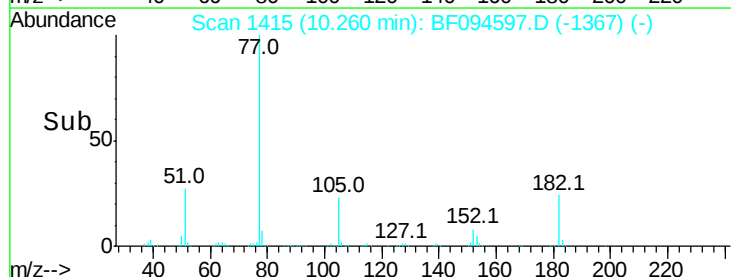
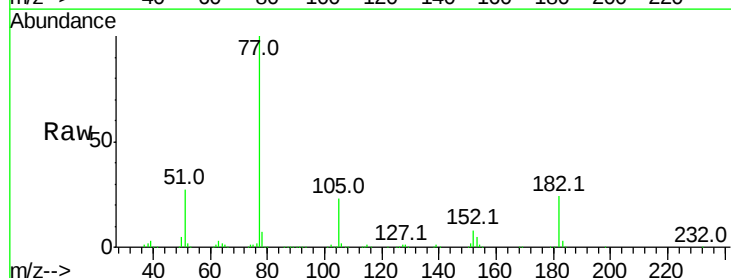
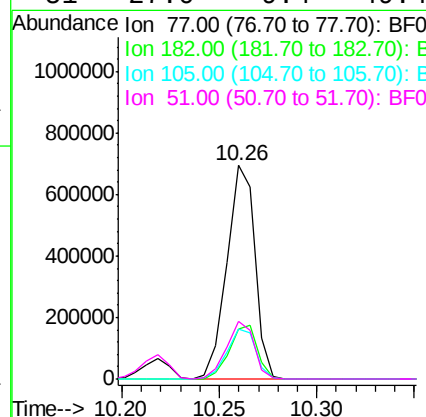
mohammad
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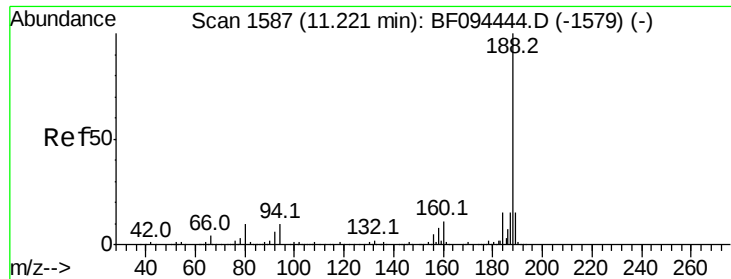
mohammad
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#62
Azobenzene
Concen: 40.91 ng
RT: 10.26 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	0.1	40.1
105	23.1	3.6	43.6
51	27.0	9.4	49.4





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

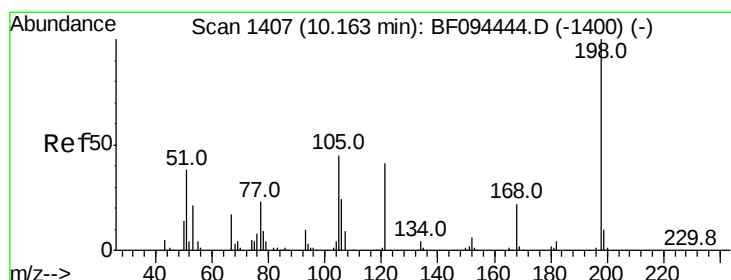
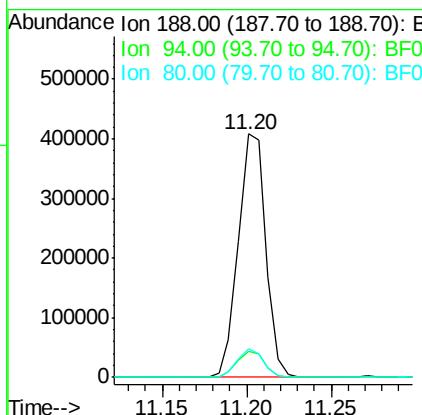
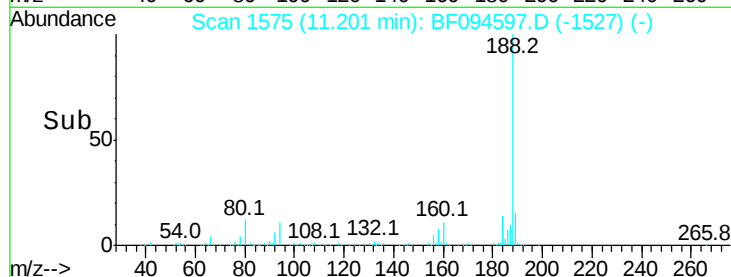
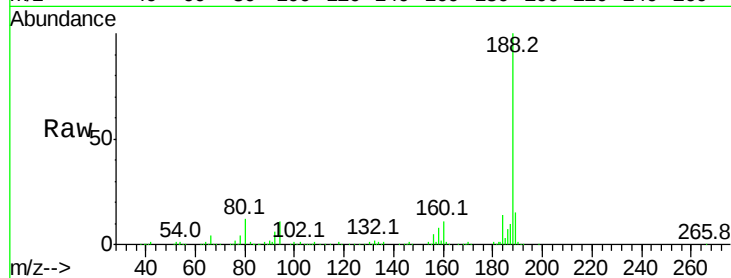
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	462670		
94	10.8		9.4	14.2
80	11.6		10.2	15.2

Manual Integrations
APPROVED

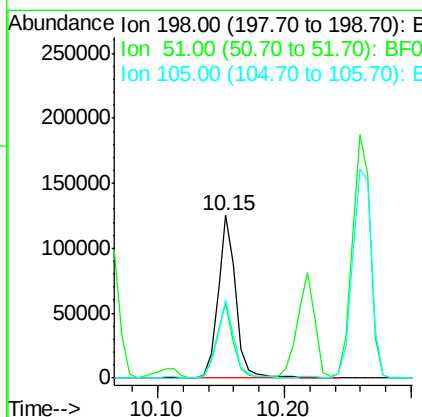
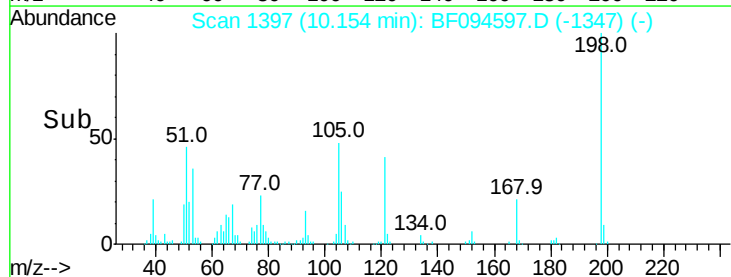
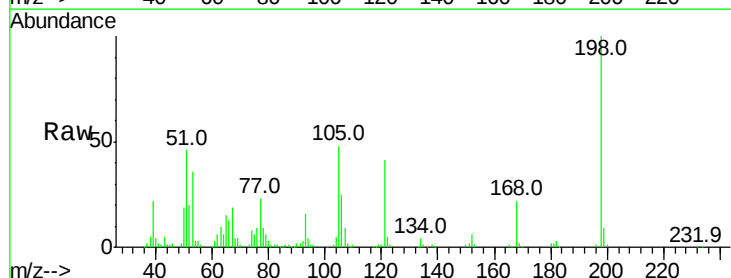
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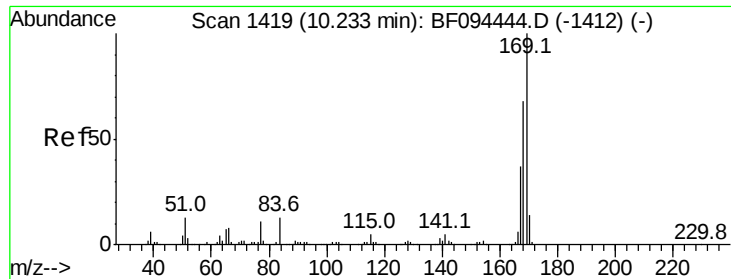
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.51 ng
RT: 10.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	122790		
51	45.9		53.2	93.2#
105	48.5		45.8	85.8





#65
n-Nitrosodiphenylamine
Concen: 37.92 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

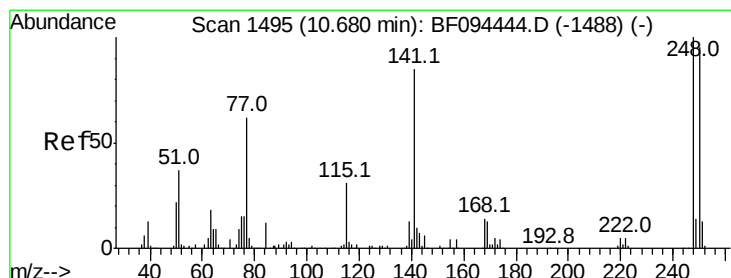
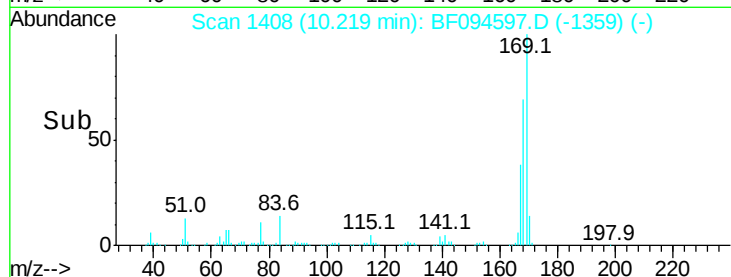
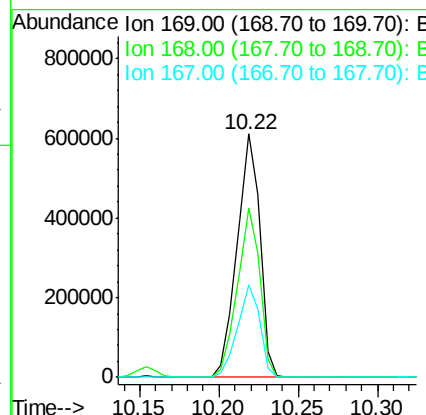
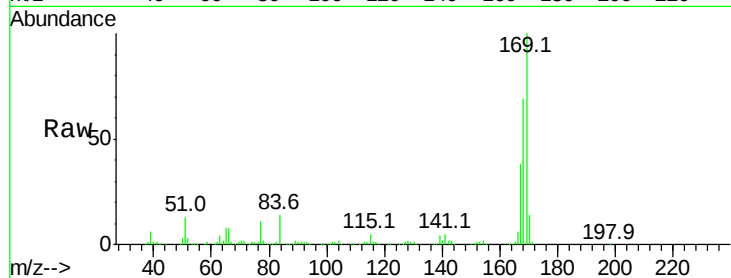
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	610208		
168	69.4	53.2	79.8	
167	37.9	29.5	44.3	

Manual Integrations
APPROVED

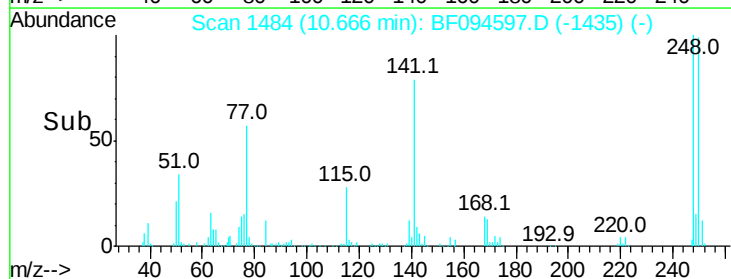
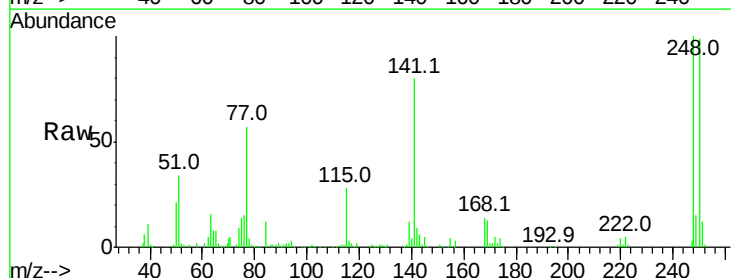
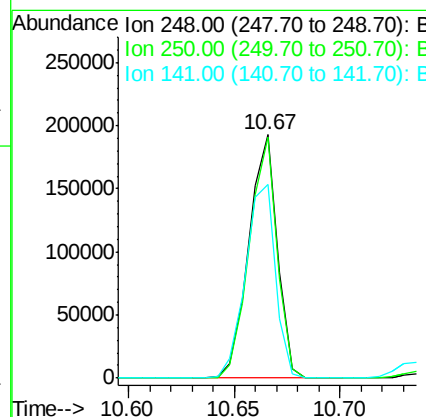
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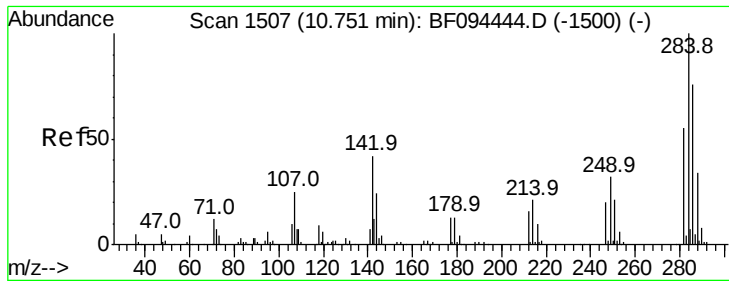
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 39.38 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	180916		
250	98.9	76.8	115.2	
141	79.5	68.6	103.0	





#67

Hexachlorobenzene

Concen: 39.14 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:284 Resp: 181208
Ion Ratio Lower Upper

284 100

142 39.5 22.8 34.2#

249 32.2 24.0 36.0

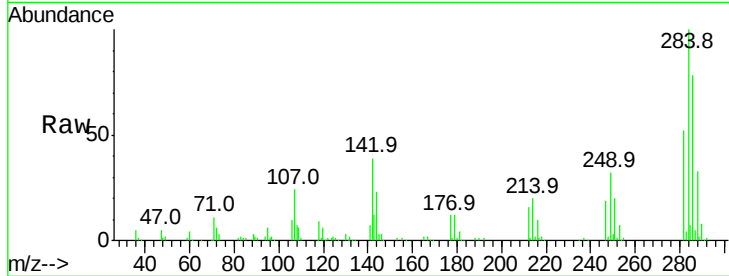
Manual Integrations
APPROVED

mohammad

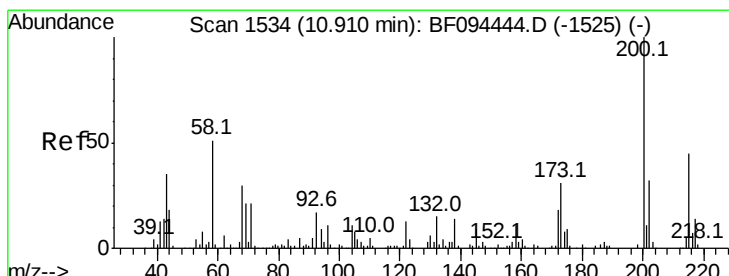
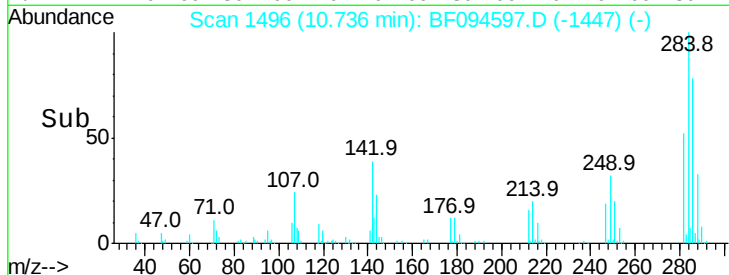
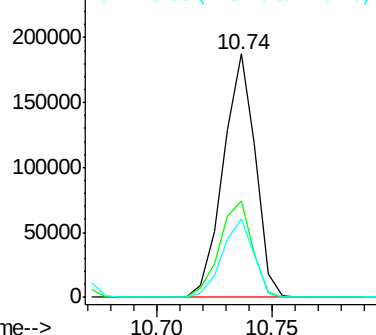
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.98 ng

RT: 10.90 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF094597.D

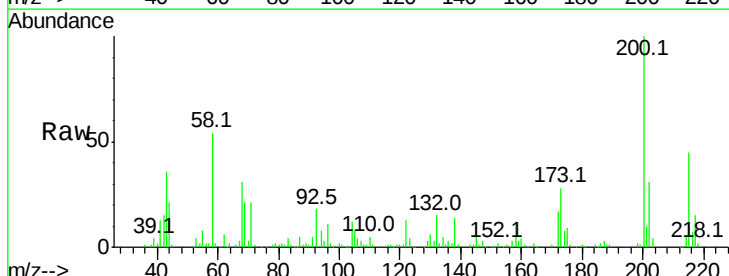
Acq: 25 Apr 2017 11:21

Tgt Ion:200 Resp: 192437
Ion Ratio Lower Upper

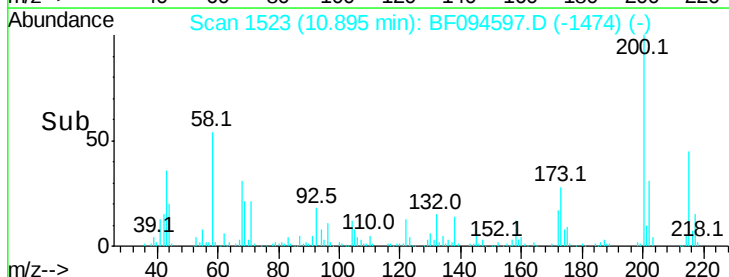
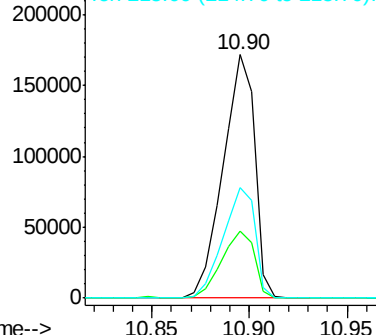
200 100

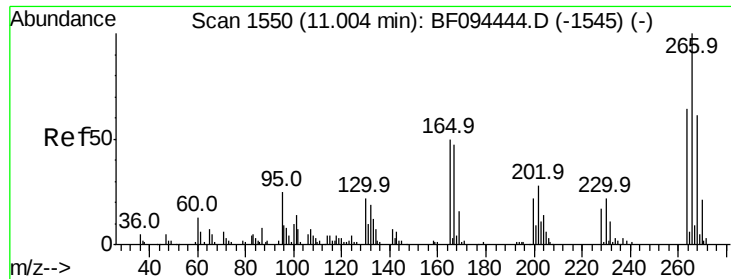
173 27.6 6.3 46.3

215 45.2 27.2 67.2



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





#69
 Pentachlorophenol
 Concen: 47.92 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

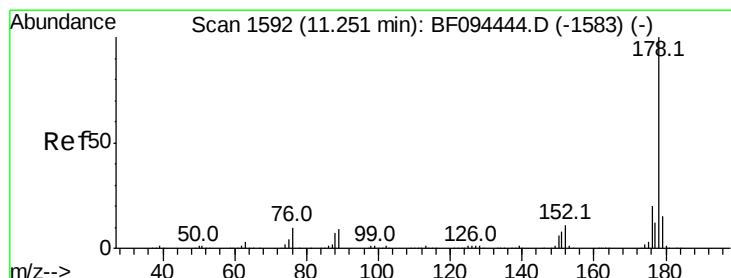
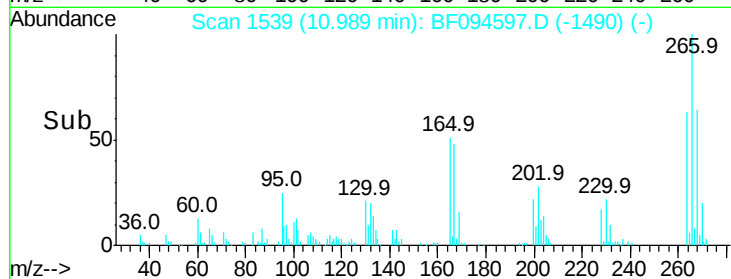
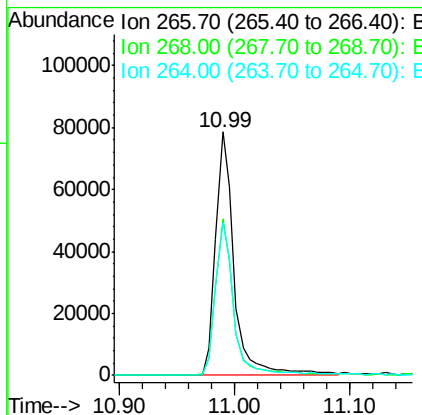
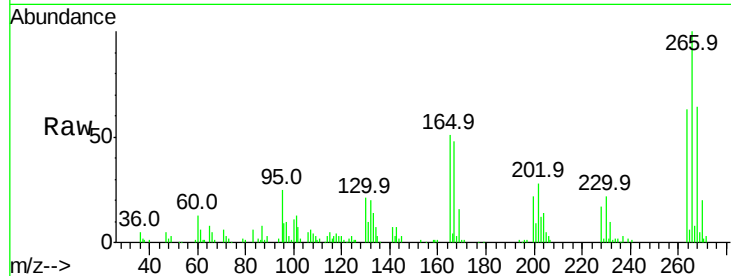
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	88095		
268	64.5		51.1	76.7
264	62.7		51.7	77.5

Manual Integrations
 APPROVED

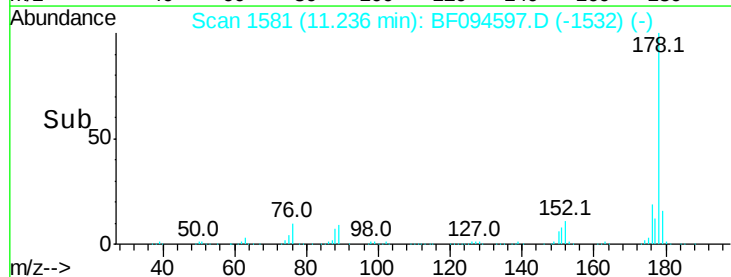
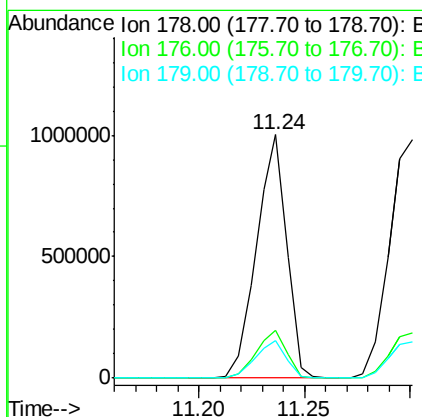
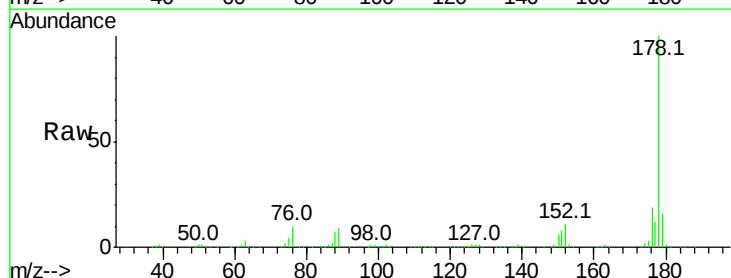
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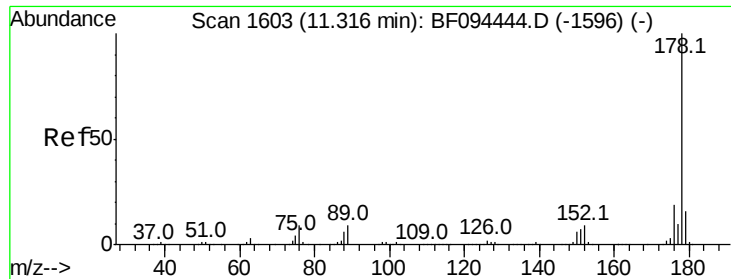
mohammad
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#70
 Phenanthrene
 Concen: 37.97 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	989255		
176	19.4		16.2	24.4
179	15.5		12.6	19.0





#71
 Anthracene
 Concen: 38.38 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

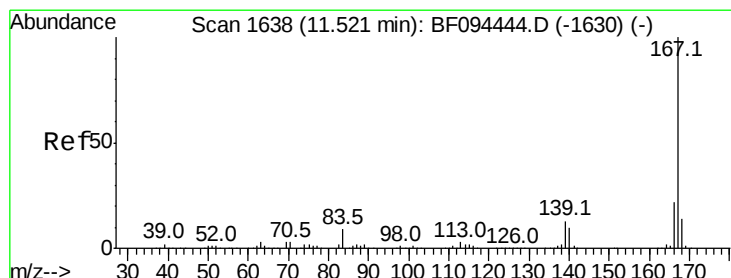
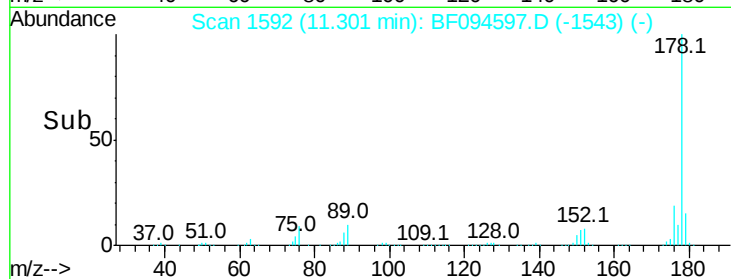
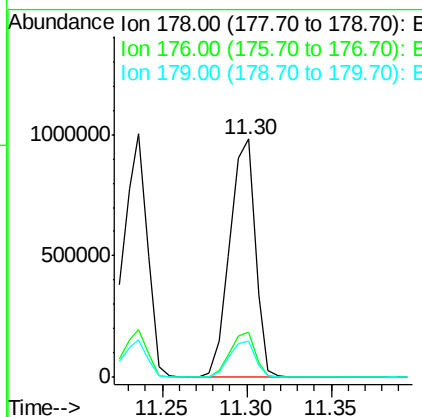
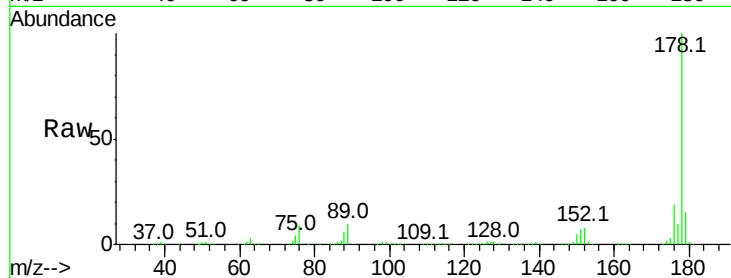
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1034465
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.2 12.7 19.1

Manual Integrations
 APPROVED

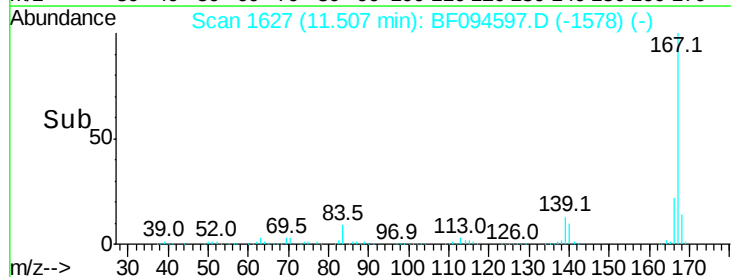
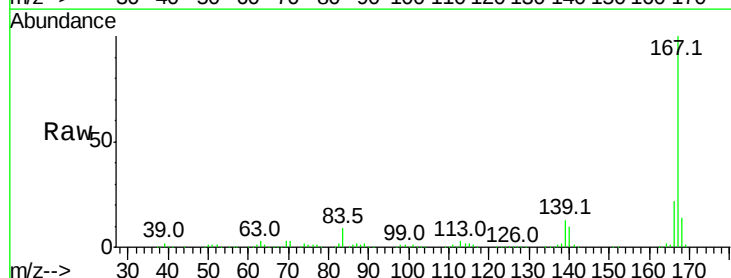
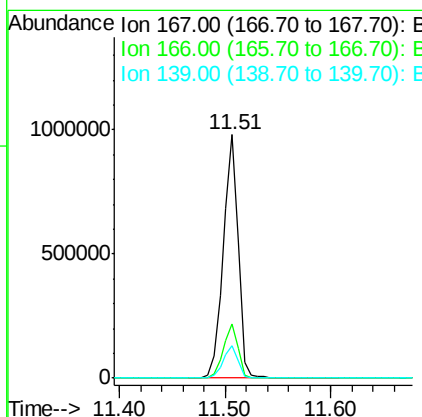
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mohammad
 4/26/2017 2:20:35 PM



#72
 Carbazole
 Concen: 38.42 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion:167 Resp: 971844
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.4 11.7 17.5





#73
Di-n-butylphthalate
Concen: 41.82 ng
RT: 11.96 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

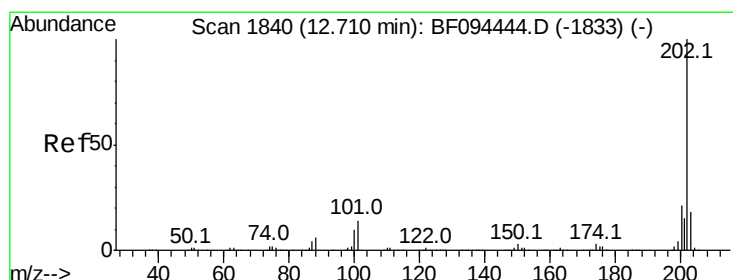
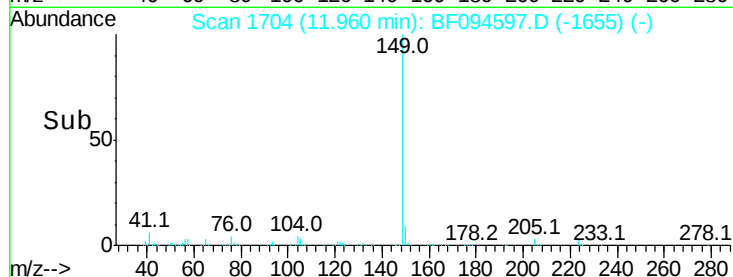
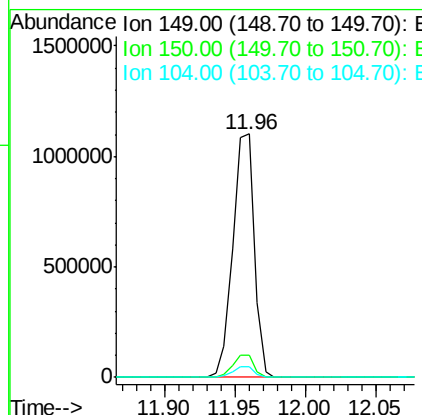
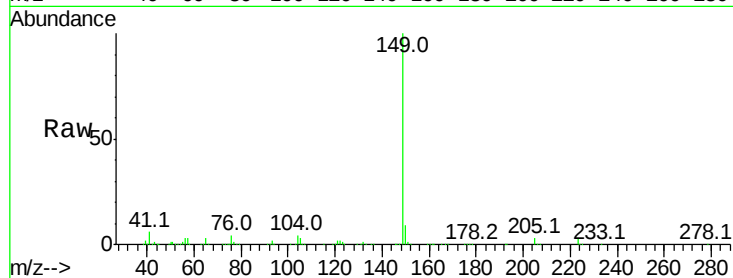
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
APPROVED

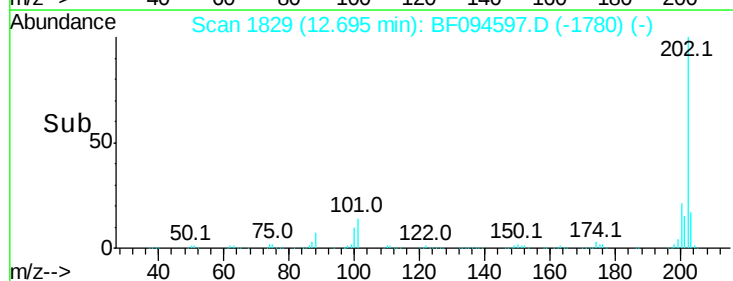
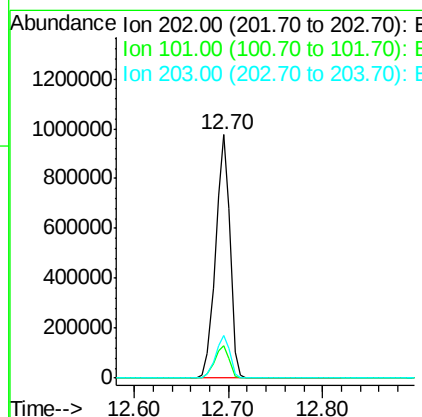
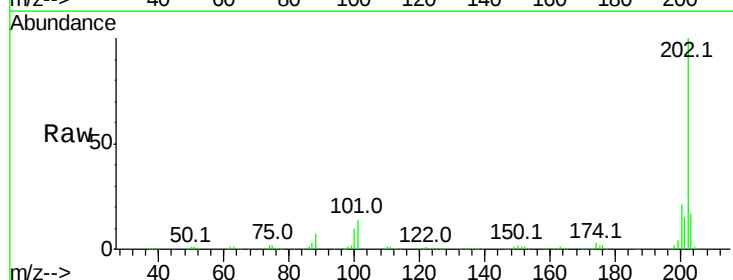
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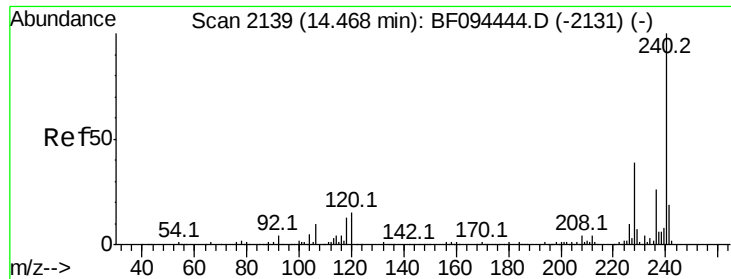
mohammad
4/26/2017 2:20:35 PM



#74
Fluoranthene
Concen: 39.15 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.4	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

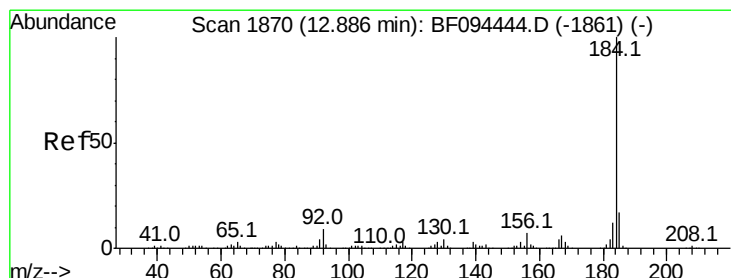
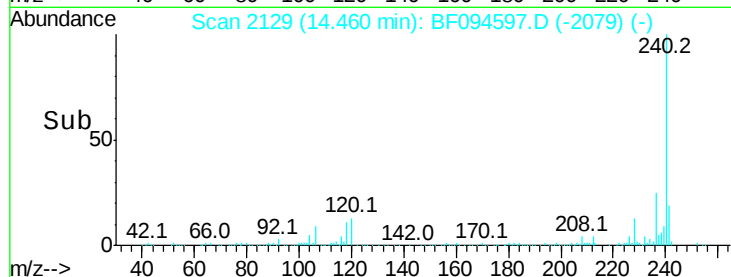
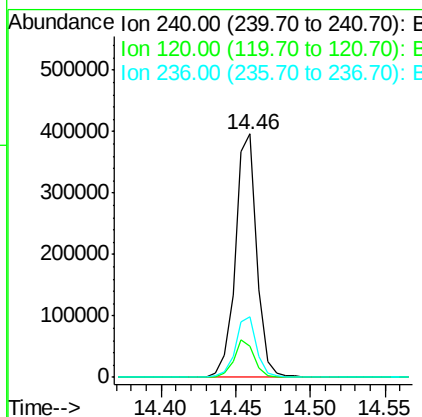
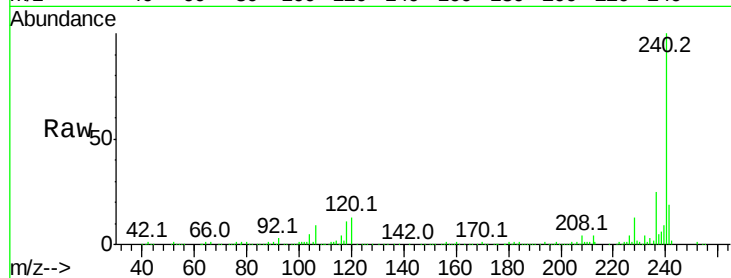
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	24.8	20.5	30.7

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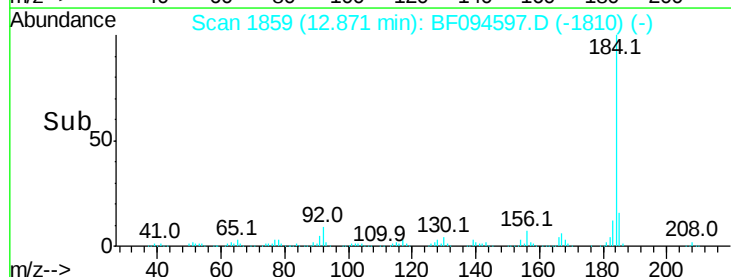
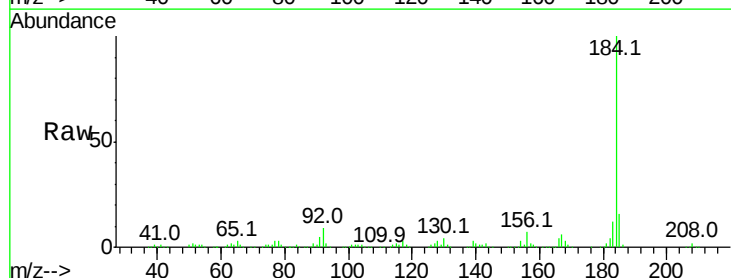
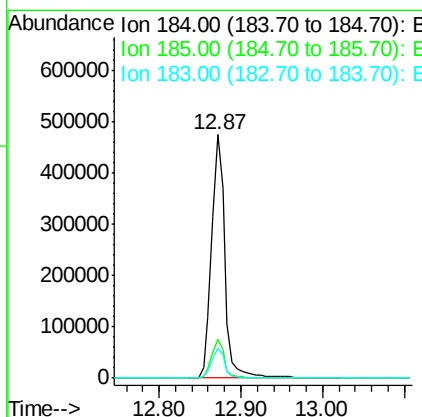
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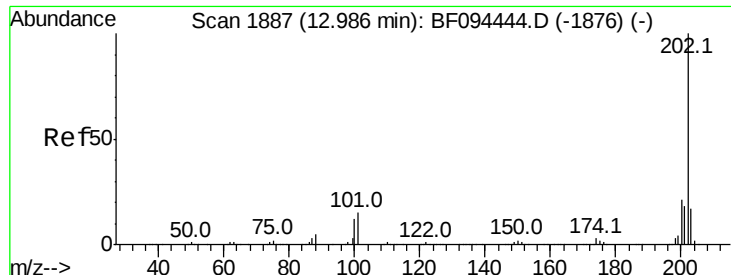
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#76
Benzidine
Concen: 33.57 ng
RT: 12.87 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	15.5	23.3
183	12.2	9.8	14.6





#77

Pvrene

Concen: 38.40 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094597.D

Acq: 25 Apr 2017 11:21

Instrument :

BNA_F

ClientSampleId :

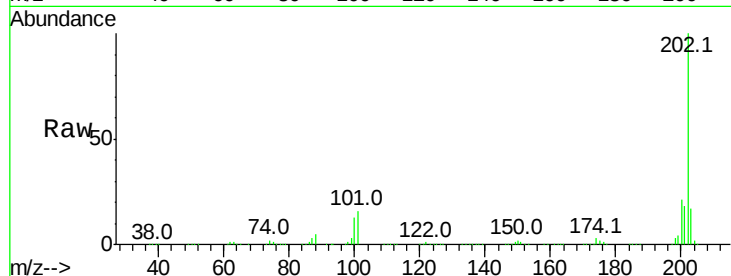
SSTDCCC040

Tot Ion:	202	Resp:	1067050
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.4	14.4	21.6

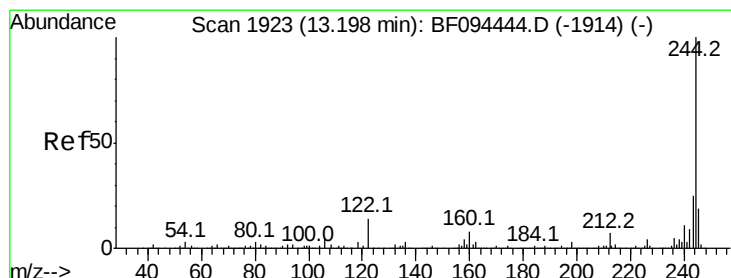
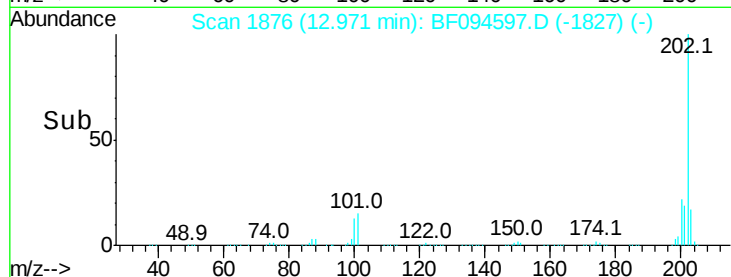
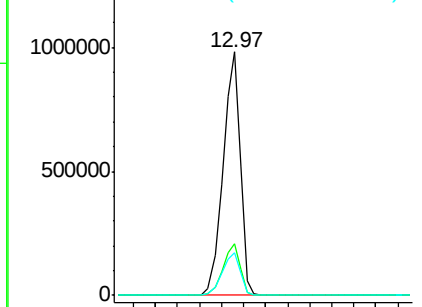
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.92 ng

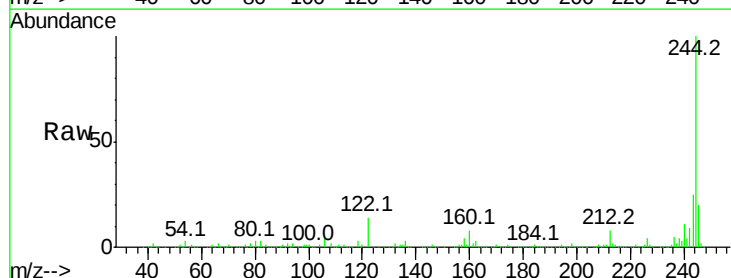
RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

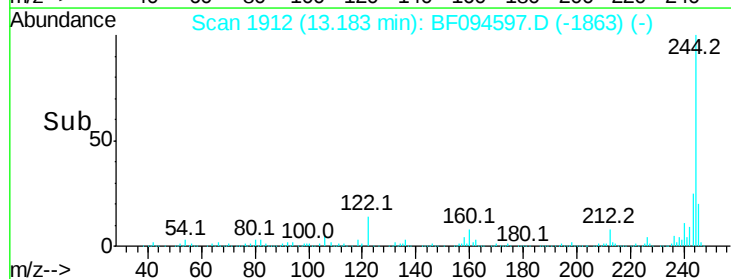
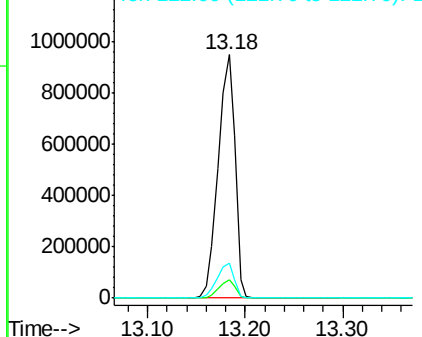
Lab File: BF094597.D

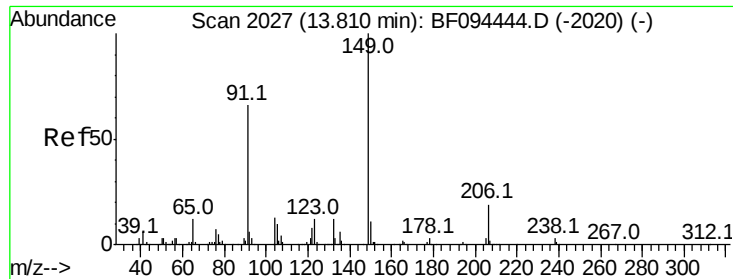
Acq: 25 Apr 2017 11:21

Tgt Ion:	244	Resp:	1144382
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.4	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79
Butylbenzylphthalate
Concen: 41.56 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

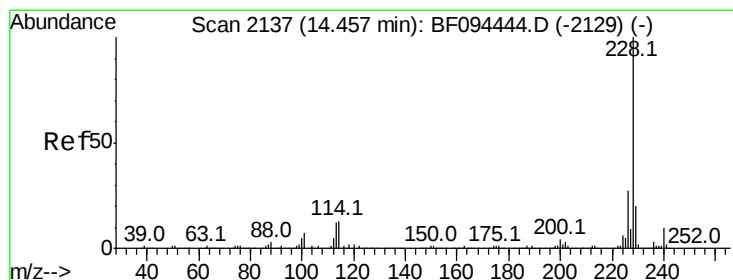
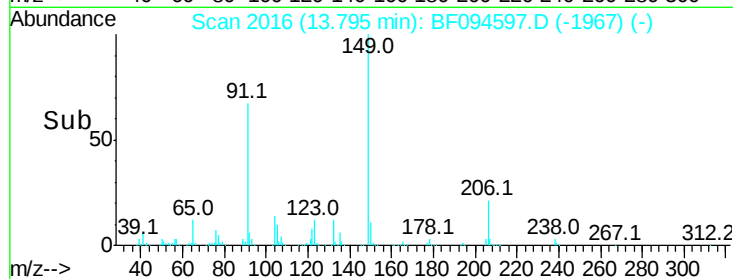
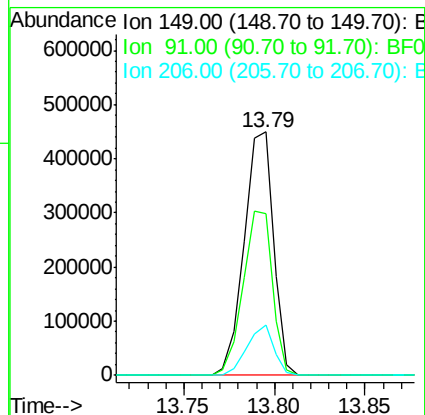
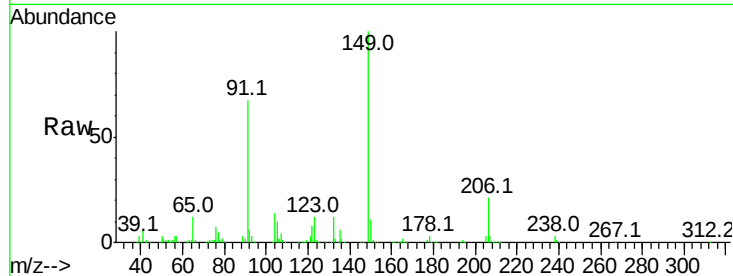
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	506024		
91	66.6	45.0	67.4	
206	20.5	17.0	25.6	

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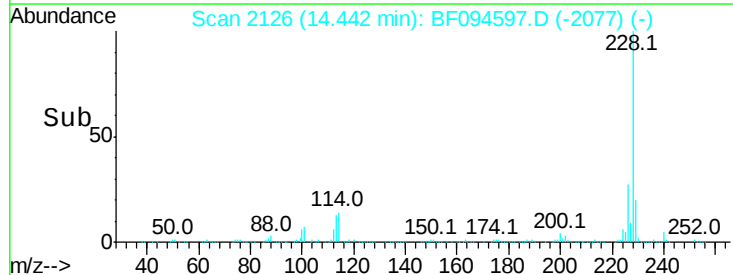
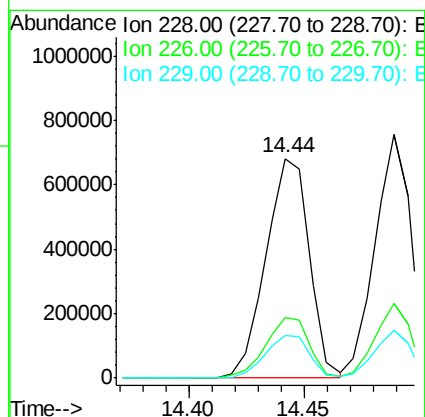
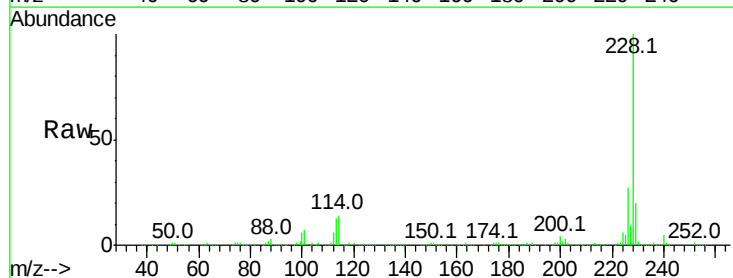
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#80
Benzo(a)anthracene
Concen: 38.51 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	890169		
226	27.4	22.6	33.8	
229	19.7	16.3	24.5	





#81
 3,3'-Dichlorobenzidine
 Concen: 38.29 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

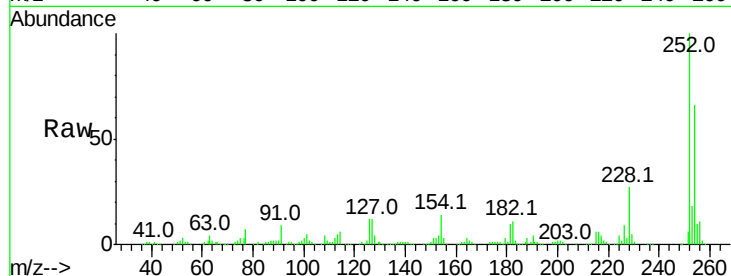
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	313333		
254	65.6	51.5	77.3	
126	12.0	15.8	23.8	

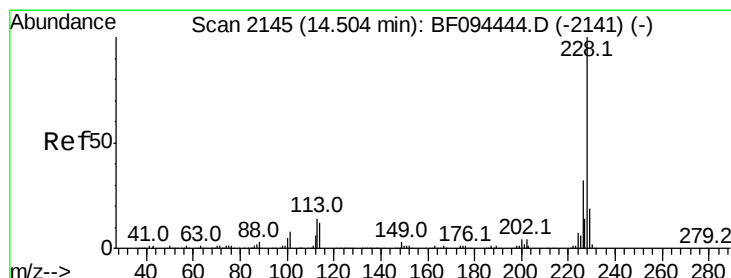
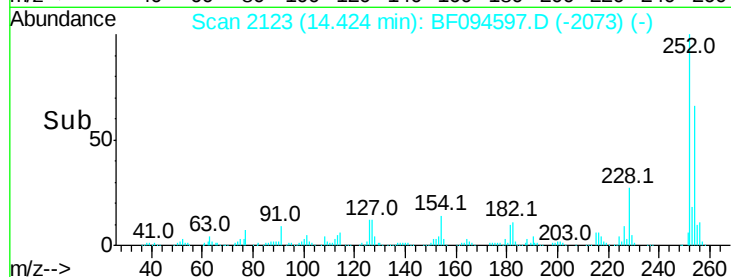
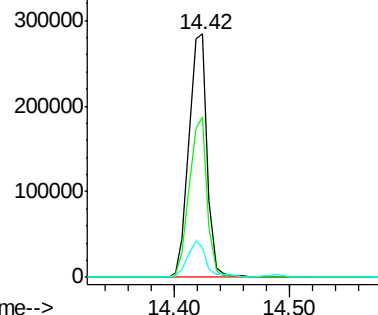
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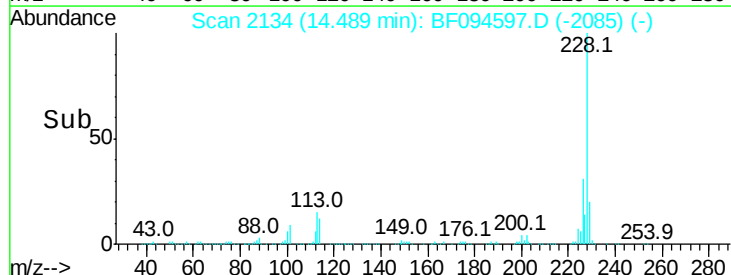
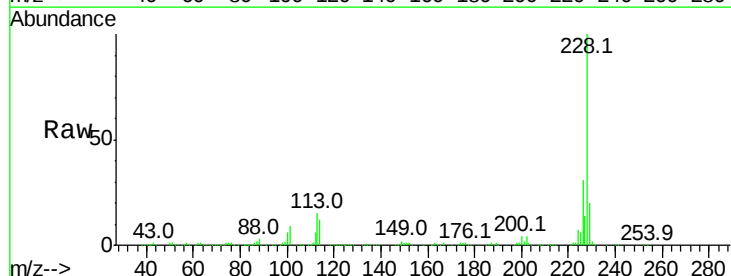
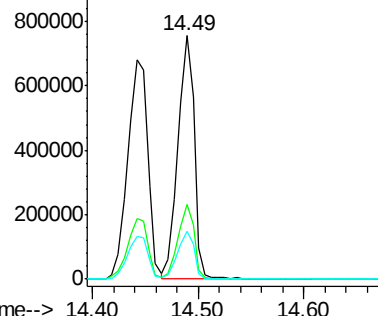
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

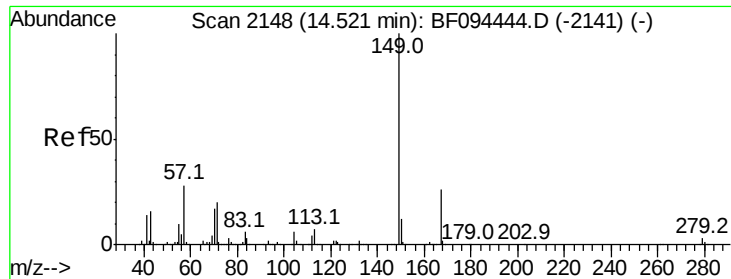


#82
 Chrysene
 Concen: 38.76 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	818774		
226	30.5	24.9	37.3	
229	19.8	15.8	23.6	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.15 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

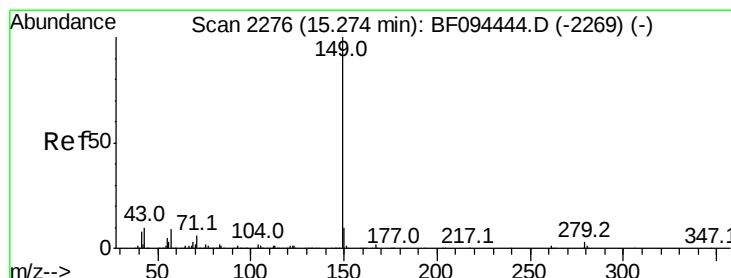
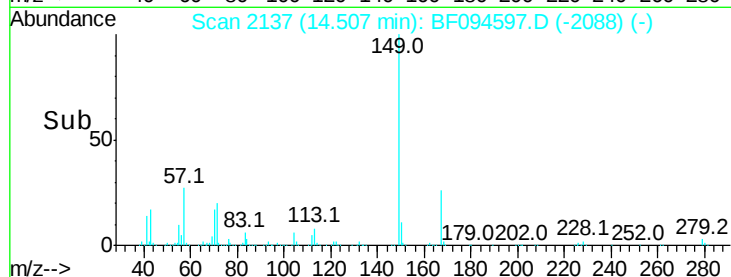
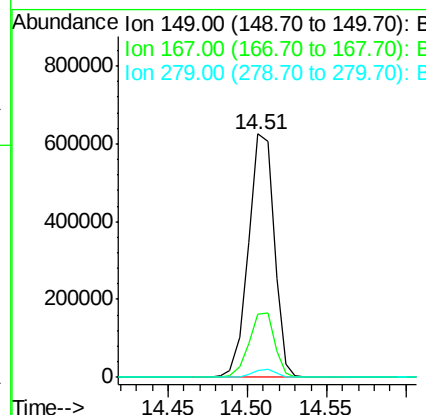
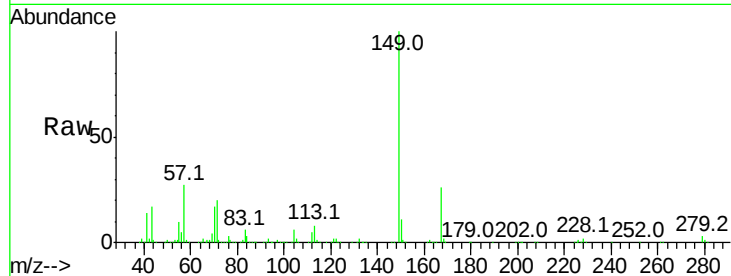
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	2.9	1.9	2.9

Manual Integrations
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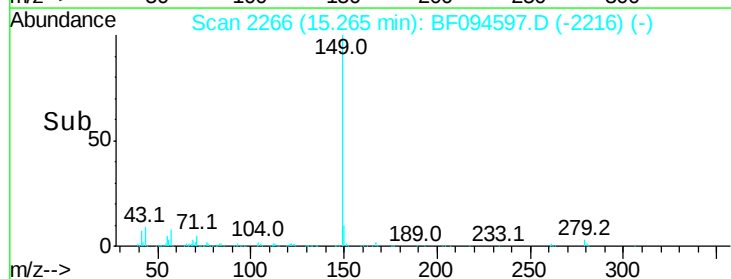
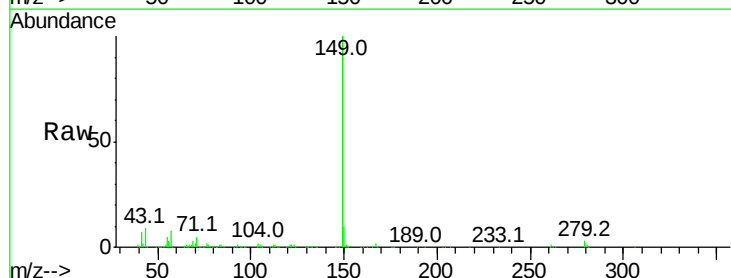
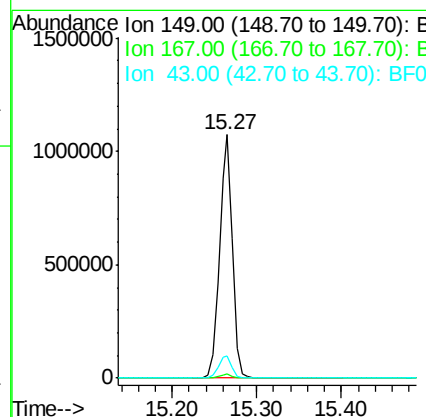
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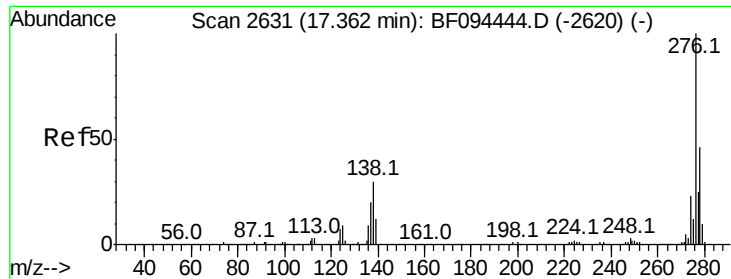
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 42.41 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.6	8.5	12.7





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.39 ng
 RT: 17.35 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

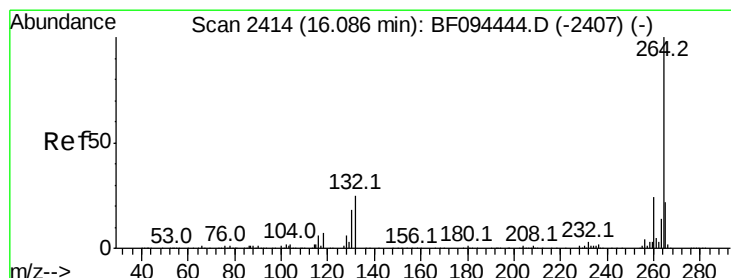
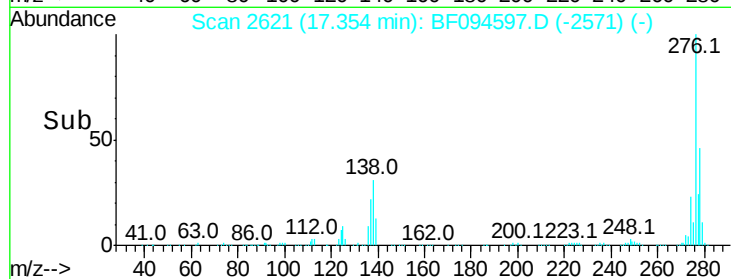
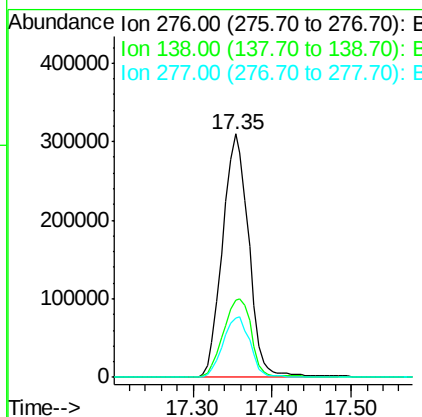
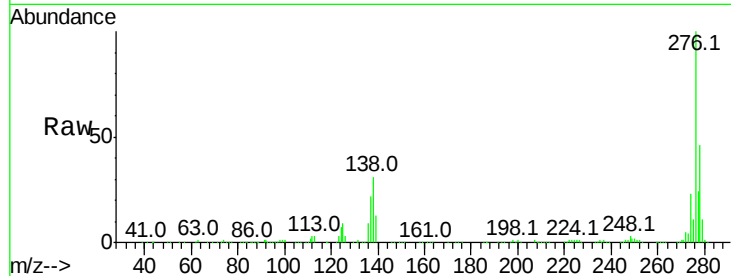
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.6	20.2	30.4

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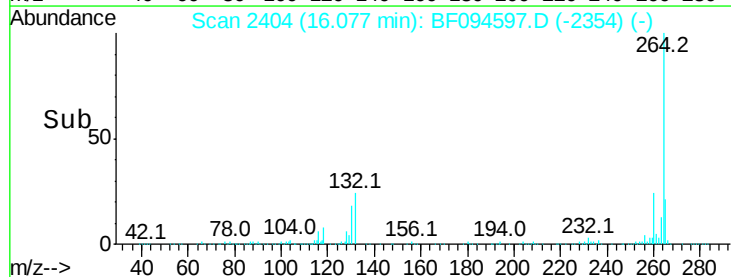
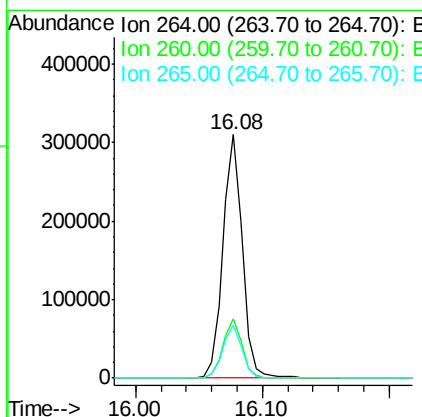
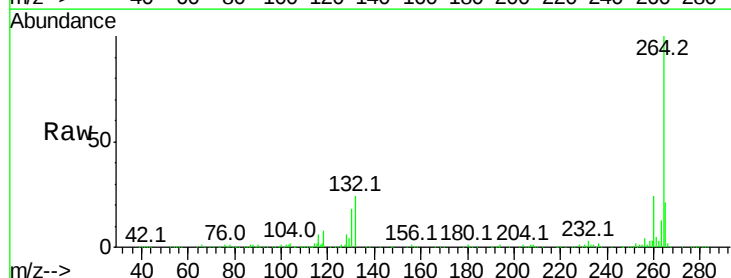
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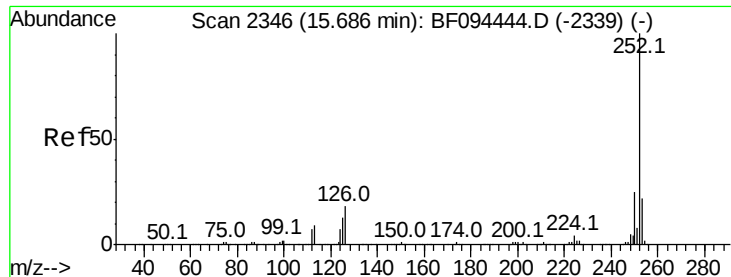
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 40.15 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

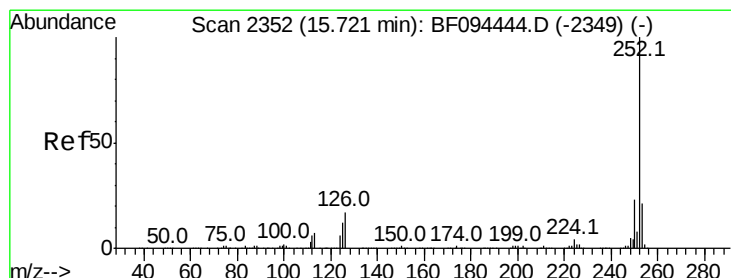
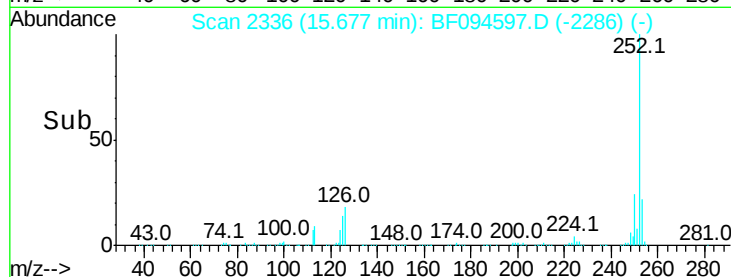
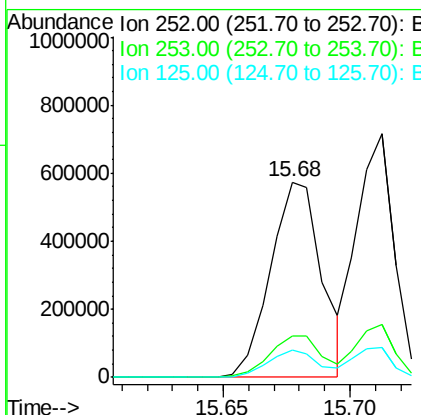
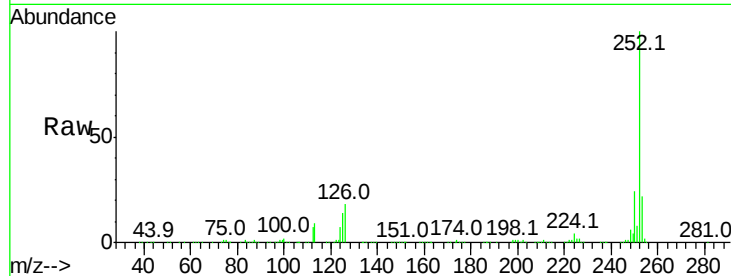
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	14.1	9.8	14.8

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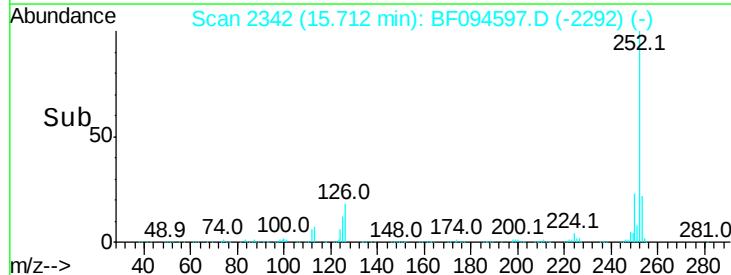
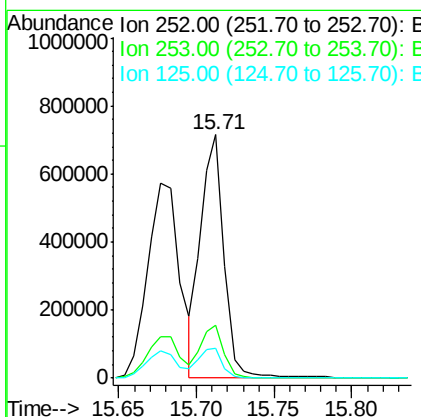
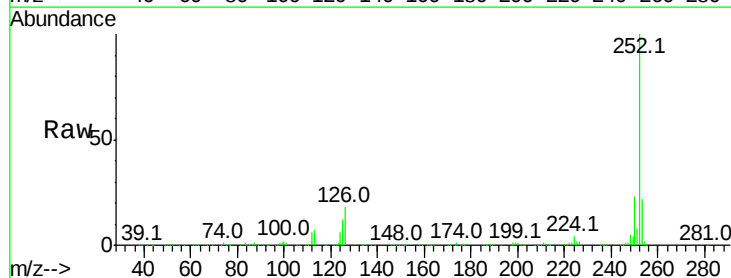
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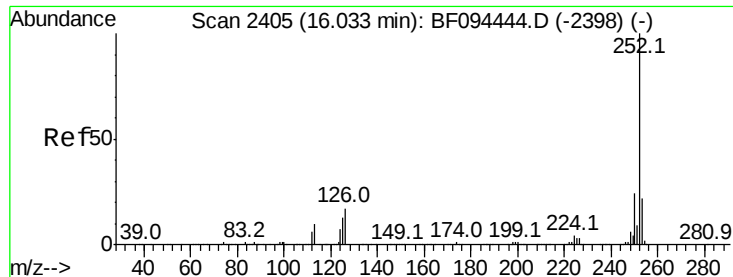
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#88
Benzo(k)fluoranthene
Concen: 39.34 ng m
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	12.5	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 38.98 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

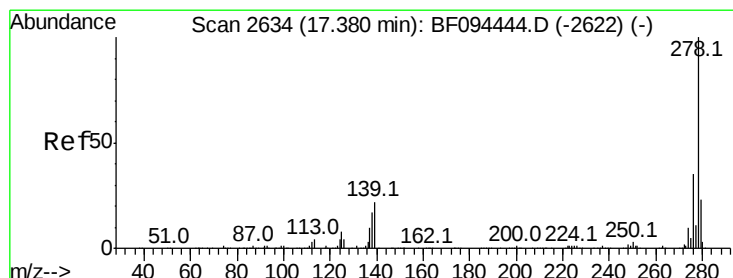
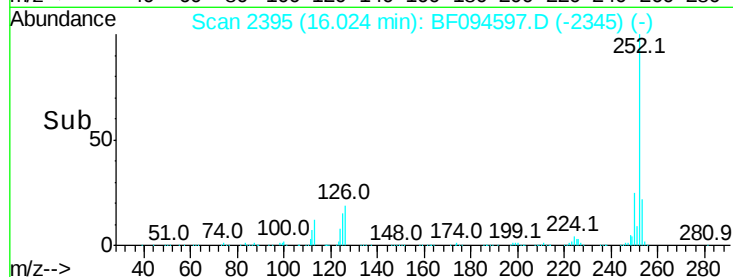
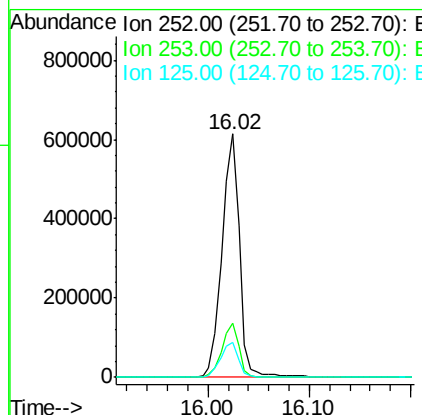
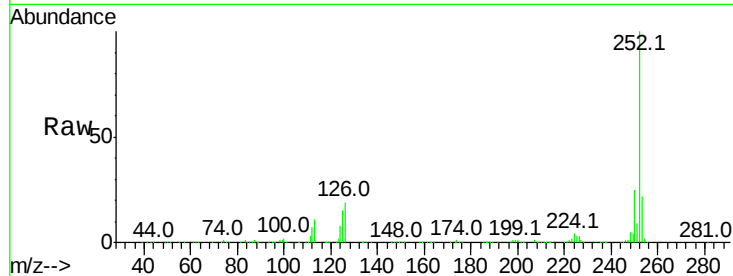
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.5	11.0	16.4

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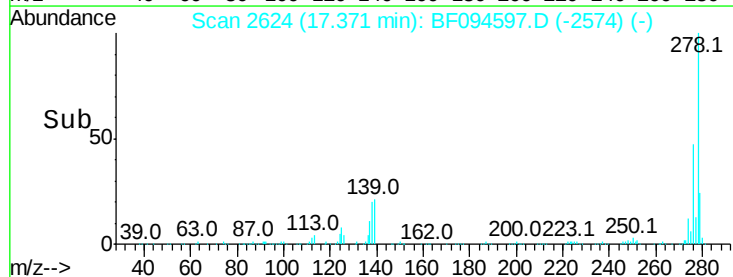
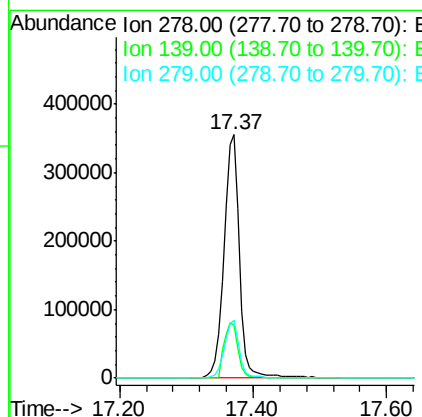
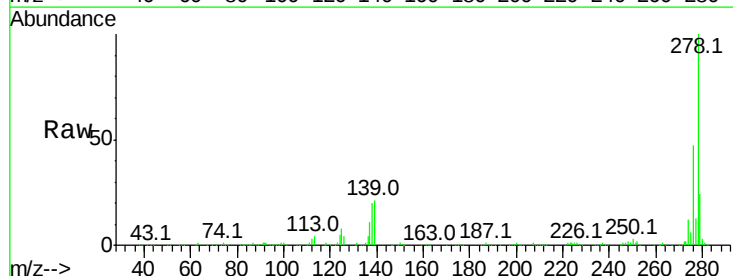
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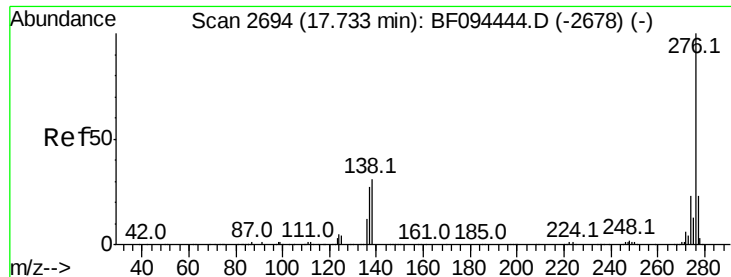
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#90
Dibenzo(a,h)anthracene
Concen: 37.52 ng
RT: 17.37 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF094597.D
Acq: 25 Apr 2017 11:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.92 ng
 RT: 17.72 min Scan# 2684
 Delta R.T. -0.01 min
 Lab File: BF094597.D
 Acq: 25 Apr 2017 11:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	603293
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	31.0	25.4	38.0

Manual Integrations
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