

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094112.D
 Acq On : 1 Apr 2017 00:55
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/3/2017 3:34:52 PM

Quant Time: Apr 01 04:03:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	185982	20.00	ng	0.00
21) Naphthalene-d8	7.41	136	748790	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	323977	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	494522	20.00	ng	0.00
75) Chrysene-d12	14.63	240	341845	20.00	ng	0.00
86) Perylene-d12	16.26	264	323001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.44	112	854952	77.64	ng	0.00
7) Phenol-d6	5.52	99	1017297	74.68	ng	0.00
23) Nitrobenzene-d5	6.56	82	1041380	79.37	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	149771	58.50	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1764314	83.06	ng	0.00
78) Terphenyl-d14	13.35	244	1279992	83.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	211625	40.00	ng	95
3) Pyridine	2.75	79	545864	37.86	ng	98
4) n-Nitrosodimethylamine	2.71	42	234592	39.54	ng	92
6) Aniline	5.53	93	668543	35.28	ng	# 50
8) 2-Chlorophenol	5.67	128	481450	39.78	ng	97
9) Benzaldehyde	5.40	77	348971	37.94	ng	99
10) Phenol	5.53	94	578722	37.33	ng	90
11) bis(2-Chloroethyl)ether	5.61	93	481837	39.78	ng	97
12) 1,3-Dichlorobenzene	5.83	146	552635	40.71	ng	99
13) 1,4-Dichlorobenzene	5.92	146	553675	40.27	ng	96
14) 1,2-Dichlorobenzene	6.10	146	511399	40.39	ng	97
15) Benzyl Alcohol	6.07	79	365471	36.66	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	667286	35.75	ng	71
17) 2-Methylphenol	6.22	107	399006	38.49	ng	94
18) Hexachloroethane	6.49	117	181157	37.48	ng	# 86
19) n-Nitroso-di-n-propylamine	6.39	70	344518	39.35	ng	97
20) 3+4-Methylphenols	6.40	107	512983	40.86	ng	# 63
22) Acetophenone	6.37	105	705181	42.26	ng	# 86
24) Nitrobenzene	6.58	77	506952	39.18	ng	91
25) Isophorone	6.86	82	896678	38.89	ng	96
26) 2-Nitrophenol	6.95	139	141729	22.97	ng	98
27) 2,4-Dimethylphenol	7.02	122	408207	38.39	ng	98
28) bis(2-Chloroethoxy)methane	7.13	93	594685	39.11	ng	99
29) 2,4-Dichlorophenol	7.25	162	361097	36.32	ng	98
30) 1,2,4-Trichlorobenzene	7.34	180	414681	40.50	ng	98
31) Naphthalene	7.43	128	1419293	39.42	ng	99
32) Benzoic acid	7.12	122	89649m	12.66	ng	
33) 4-Chloroaniline	7.50	127	561868	38.50	ng	95
34) Hexachlorobutadiene	7.59	225	213834	40.72	ng	97
35) Caprolactam	7.96	113	107057	33.77	ng	97
36) 4-Chloro-3-methylphenol	8.12	107	355672	34.24	ng	87
37) 2-Methylnaphthalene	8.27	142	940818	39.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	382218	43.13	ng	99
40) Hexachlorocyclopentadiene	8.47	237	63697	15.36	ng	97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTDC040

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	202675	32.32	nq	99
43) 2,4,5-Trichlorophenol	8.68	196	207041	30.51	nq	95
45) 1,1'-Biphenyl	8.85	154	1064301	40.73	nq	97
46) 2-Chloronaphthalene	8.87	162	823483	40.26	nq	94
47) 2-Nitroaniline	9.00	65	251916	41.51	nq	88
48) Acenaphthylene	9.37	152	1337800	39.35	nq	100
49) Dimethylphthalate	9.24	163	942675	40.93	nq	99
50) 2,6-Dinitrotoluene	9.30	165	169949	32.19	nq	92
51) Acenaphthene	9.59	154	771077	38.87	nq	100
52) 3-Nitroaniline	9.51	138	268313	43.28	nq	89
53) 2,4-Dinitrophenol	9.63	184	3911	5.97	nq	# 83
54) Dibenzofuran	9.80	168	1055557	39.09	nq	100
55) 4-Nitrophenol	9.74	139	70195	14.46	nq	# 71
56) 2,4-Dinitrotoluene	9.79	165	187179	28.23	nq	# 73
57) Fluorene	10.22	166	825564	36.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	121778	26.16	nq	97
59) Diethylphthalate	10.10	149	914269	40.17	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	362016	37.95	nq	95
61) 4-Nitroaniline	10.26	138	248331	41.74	nq	98
62) Azobenzene	10.43	77	804483	37.36	nq	93
64) 4,6-Dinitro-2-methylphenol	10.30	198	10456	3.45	nq	# 69
65) n-Nitrosodiphenylamine	10.38	169	743899	43.50	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	218461	44.92	nq	95
67) Hexachlorobenzene	10.90	284	218516	44.38	nq	# 92
68) Atrazine	11.05	200	213490	41.68	nq	95
69) Pentachlorophenol	11.15	266	49177	16.05	nq	98
70) Phenanthrene	11.40	178	1102153	40.06	nq	99
71) Anthracene	11.47	178	1132851	40.00	nq	98
72) Carbazole	11.67	167	1054669	36.31	nq	99
73) Di-n-butylphthalate	12.12	149	1291501	42.76	nq	99
74) Fluoranthene	12.86	202	982074	34.86	nq	98
76) Benzidine	13.03	184	264351	19.54	nq	96
77) Pyrene	13.14	202	982439	39.60	nq	100
79) Butylbenzylphthalate	13.96	149	460369	43.55	nq	# 85
80) Benzo(a)anthracene	14.62	228	798505	40.06	nq	98
81) 3,3'-Dichlorobenzidine	14.59	252	255463	35.85	nq	# 97
82) Chrysene	14.66	228	763104	41.25	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	649752	45.05	nq	# 99
84) Di-n-octyl phthalate	15.43	149	1045650	43.40	nq	98
85) Indeno(1,2,3-cd)pyrene	17.61	276	689886	43.06	nq	99
87) Benzo(b)fluoranthene	15.85	252	792108	40.01	nq	99
88) Benzo(k)fluoranthene	15.88	252	775693m	40.04	nq	
89) Benzo(a)pyrene	16.20	252	744250	40.82	nq	99
90) Dibenzo(a,h)anthracene	17.63	278	592681	38.38	nq	97
91) Benzo(g,h,i)perylene	18.01	276	558364	35.88	nq	97

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

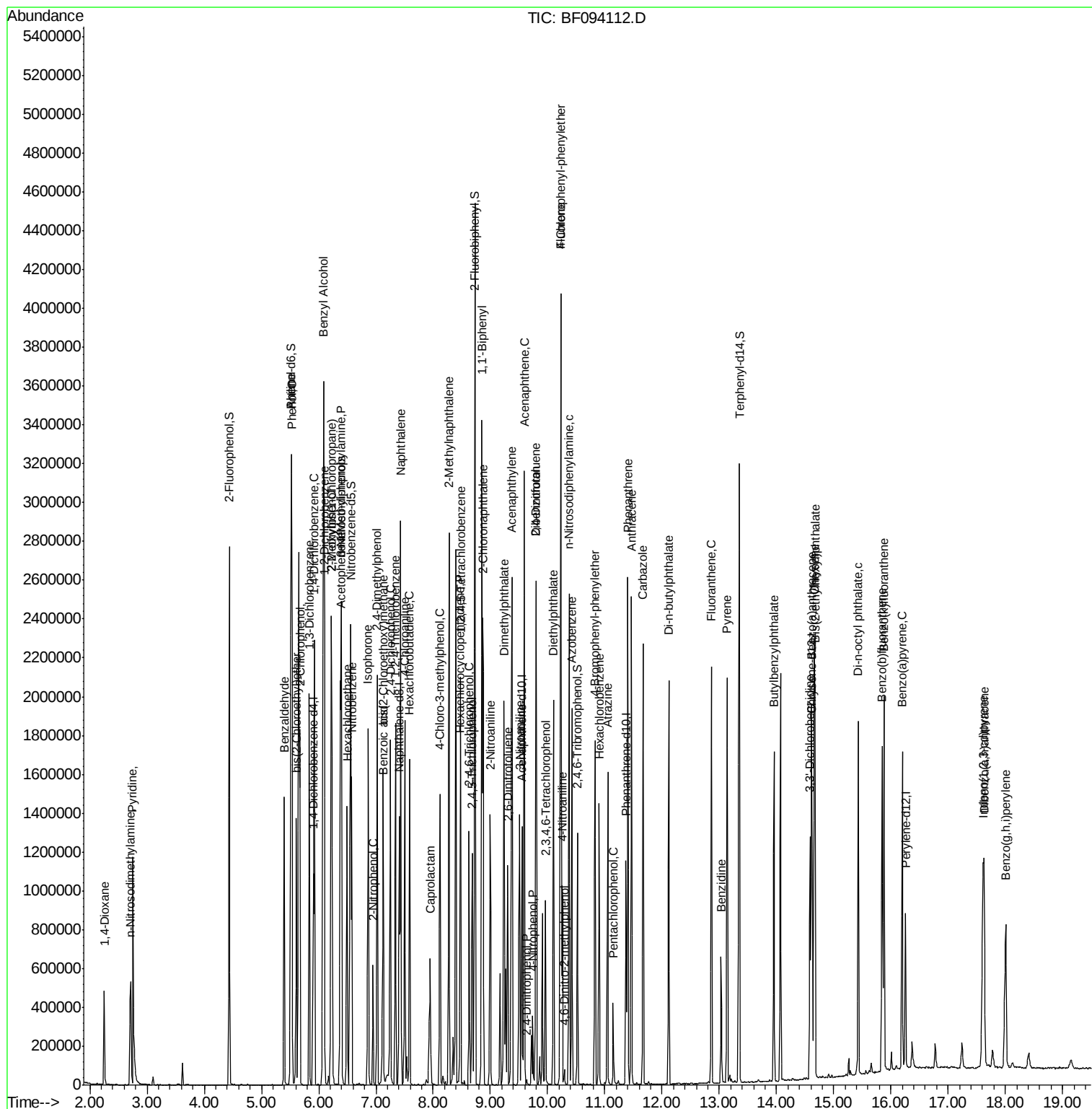
Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
Data File : BF094112.D
Acq On : 1 Apr 2017 00:55
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

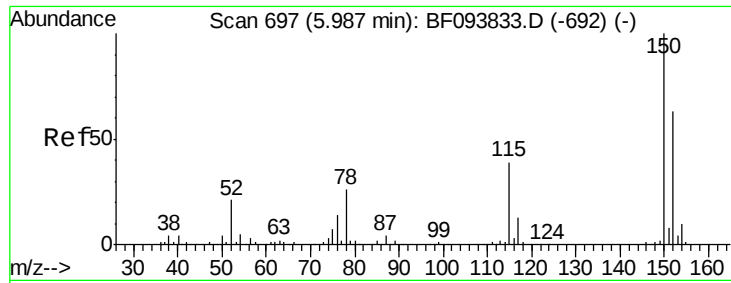
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

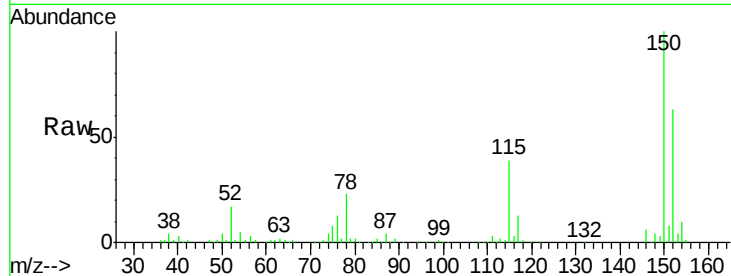
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

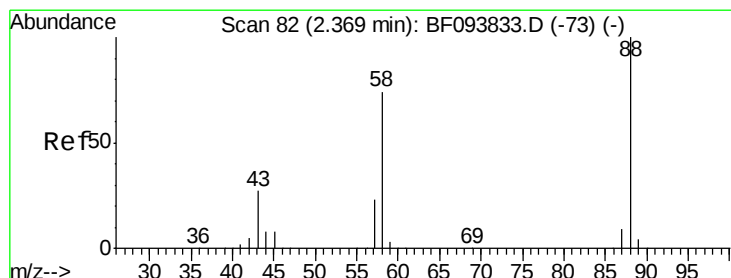
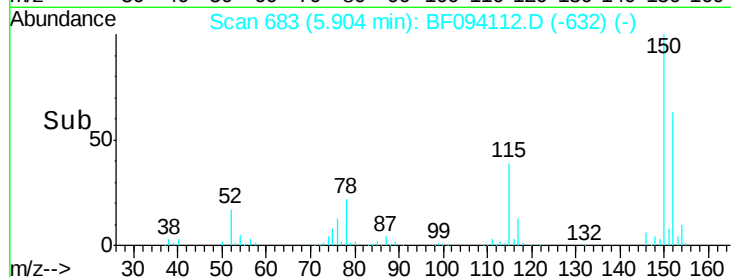
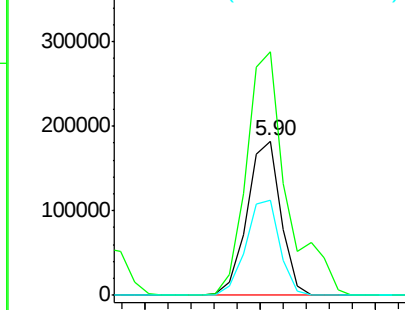
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	61.5	52.2	78.2

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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

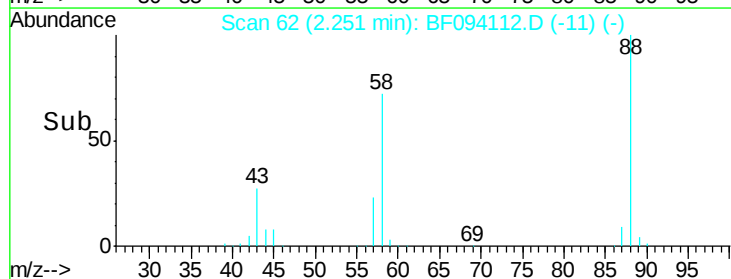
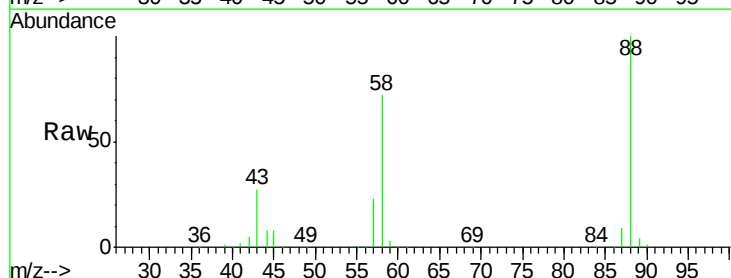
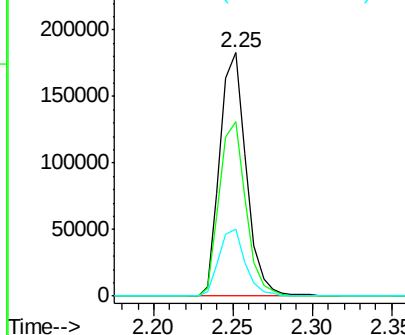


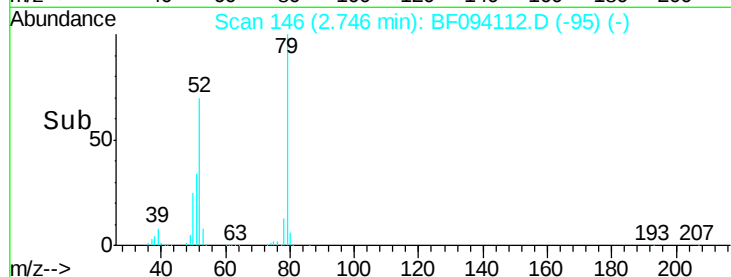
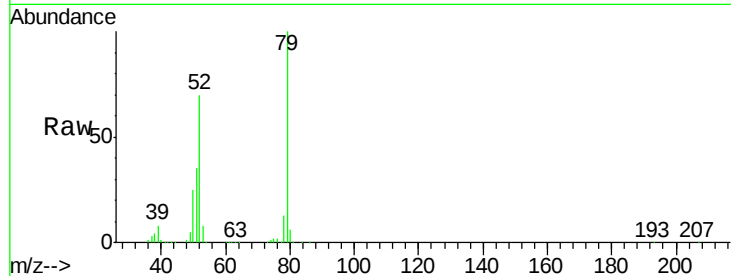
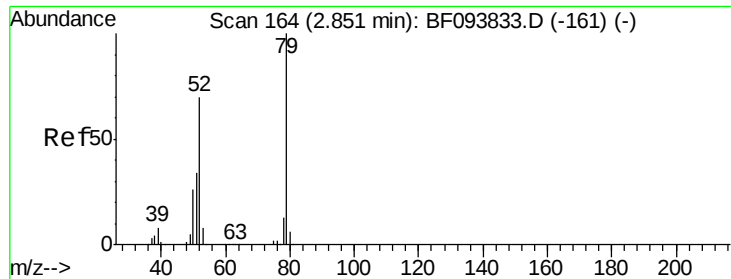
#2

1,4-Dioxane
Concen: 40.00 ng
RT: 2.25 min Scan# 62
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	61.4	92.0
43	27.7	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





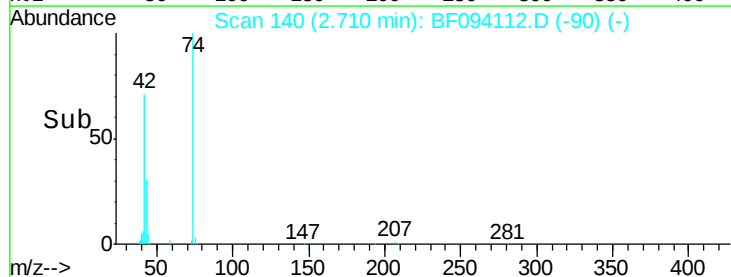
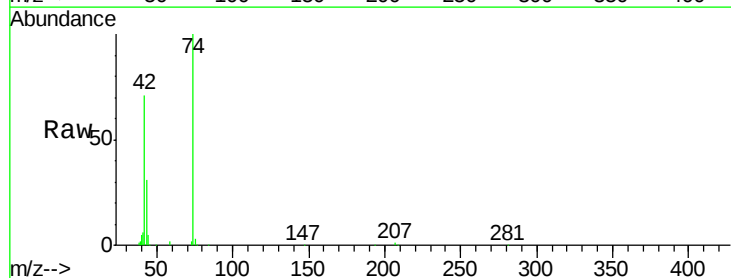
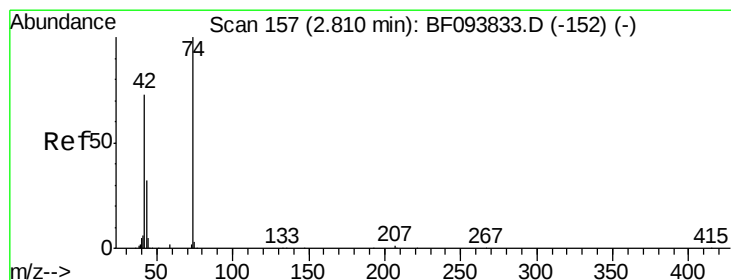
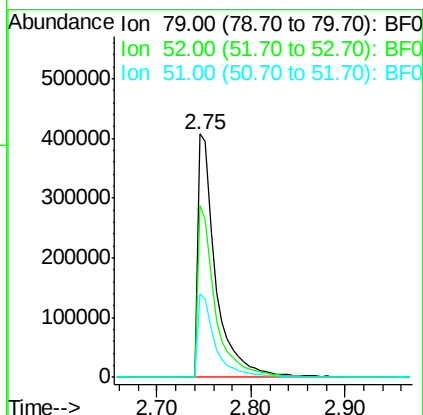
#3
 Pvridine
 Concen: 37.86 ng
 RT: 2.75 min Scan# 146
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	545864		
52	52	70.5	54.8	82.2	
51	51	34.5	27.0	40.4	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

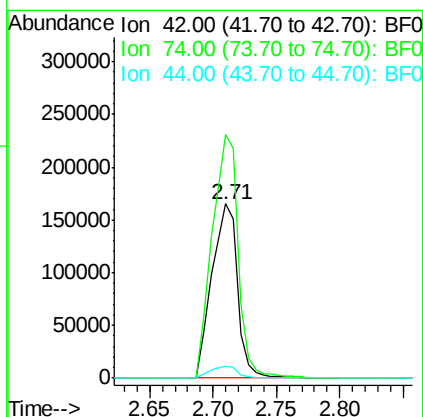
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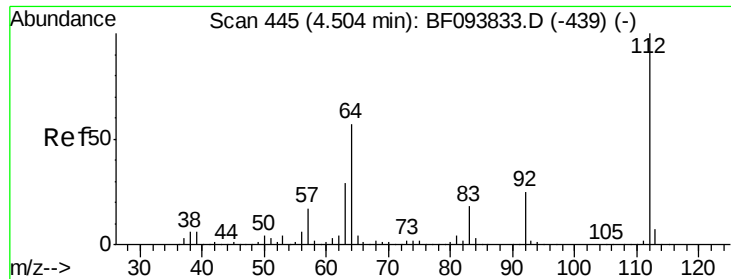
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#4
 n-Nitrosodimethylamine
 Concen: 39.54 ng
 RT: 2.71 min Scan# 140
 Delta R.T. -0.01 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	234592		
74	74	140.0	103.9	155.9	
44	44	7.1	5.7	8.5	





#5

2-Fluorophenol

Concen: 77.64 ng

RT: 4.44 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

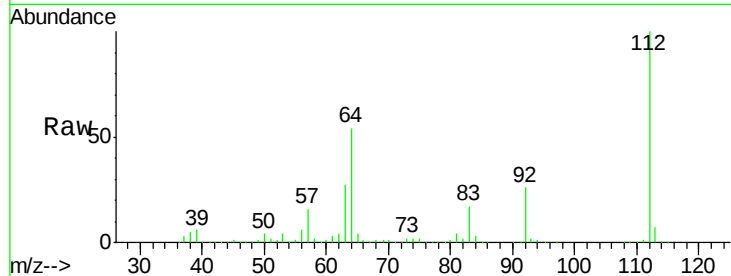
ClientSampleId :

SSTDCCC040

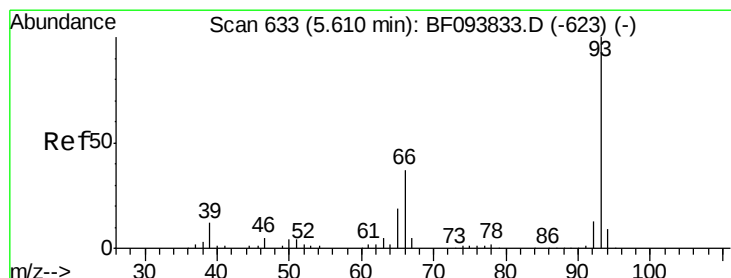
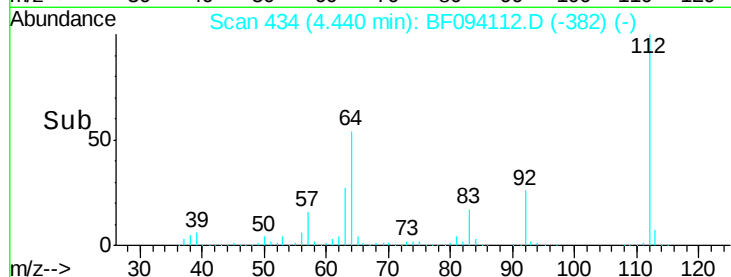
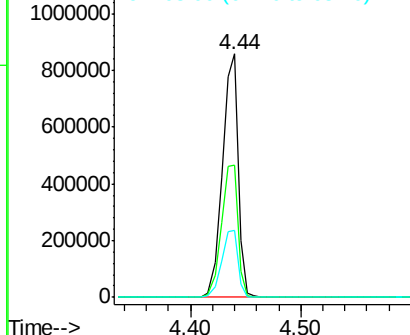
Tot Ion:	112	Resp:	854952
Ion Ratio	Lower	Upper	
112	100		
64	54.3	46.0	69.0
63	27.3	23.4	35.0

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.28 ng

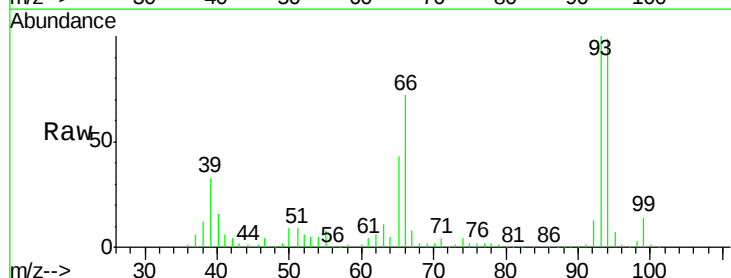
RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

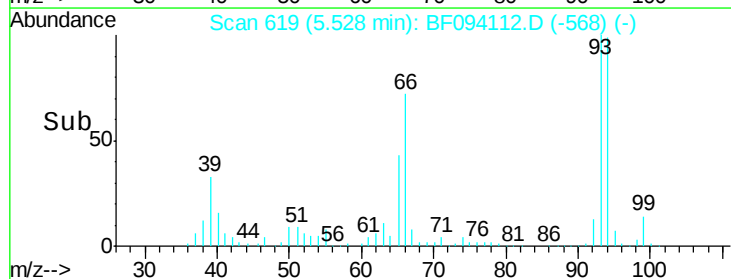
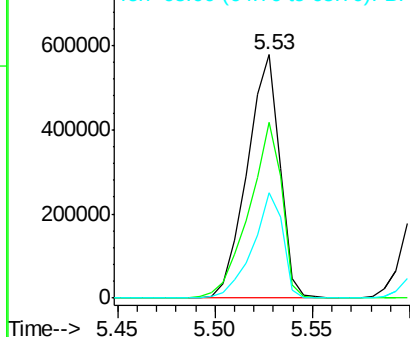
Lab File: BF094112.D

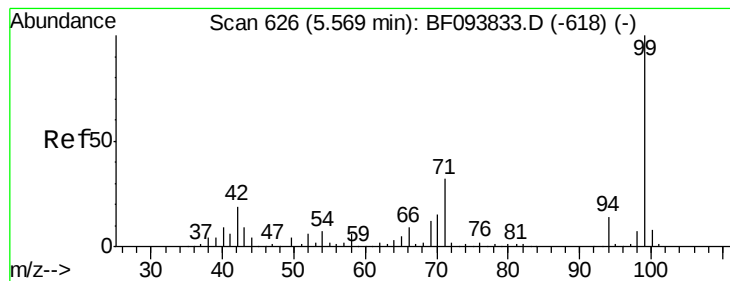
Acq: 1 Apr 2017 00:55

Tgt Ion:	93	Resp:	668543
Ion Ratio	Lower	Upper	
93	100		
66	72.0	32.9	49.3#
65	43.4	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.68 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1017297

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

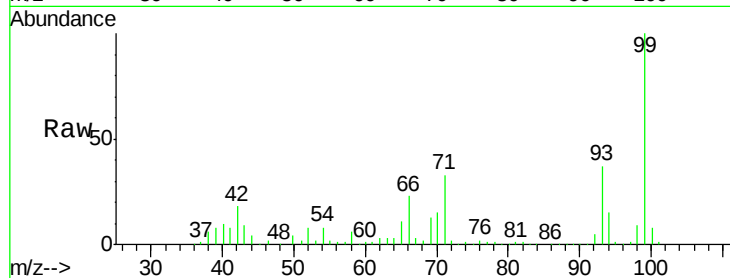
71 33.0 24.5 36.7

Manual Integrations

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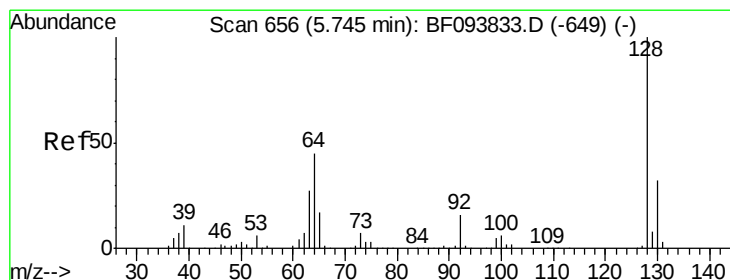
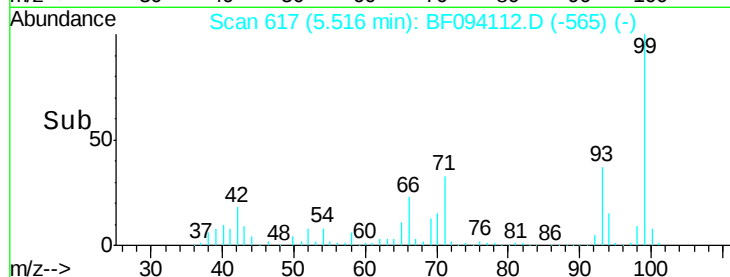
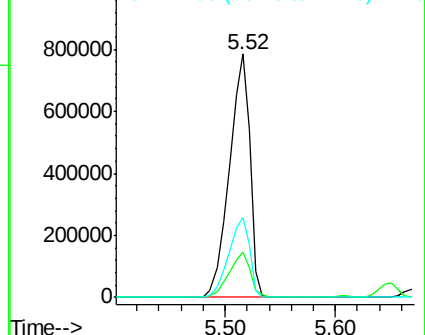
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.78 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

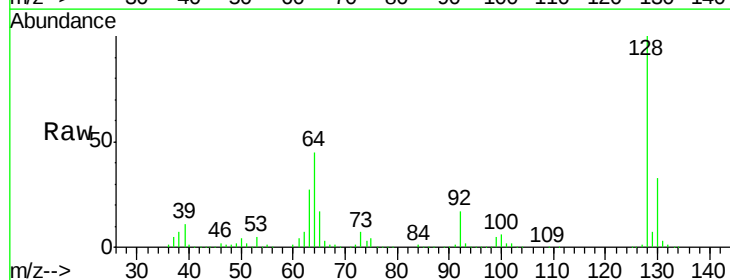
Tgt Ion: 128 Resp: 481450

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

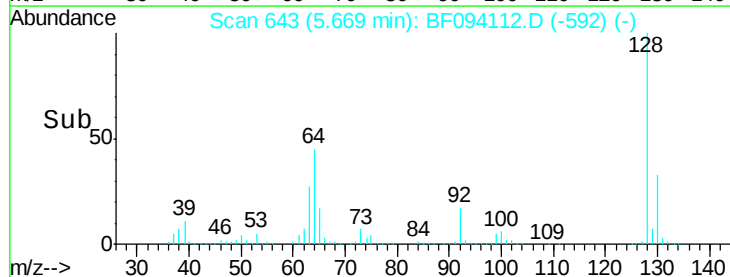
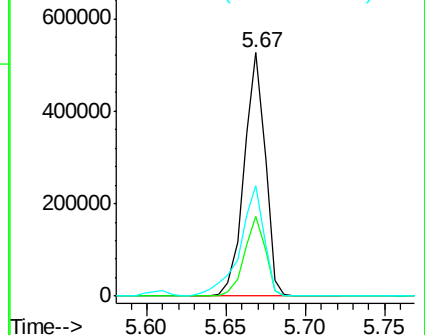
64 45.2 28.4 68.4

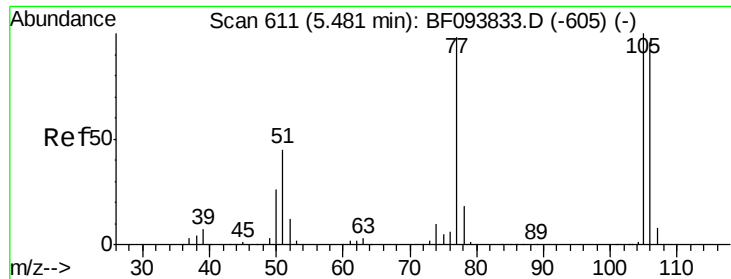


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





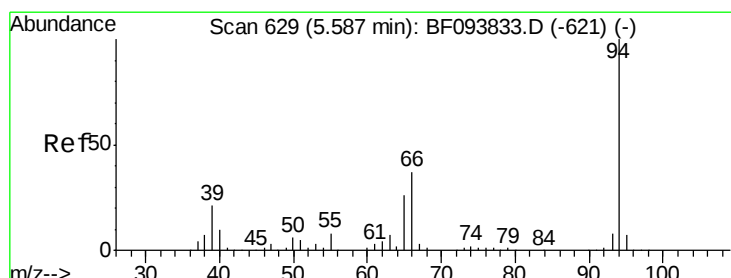
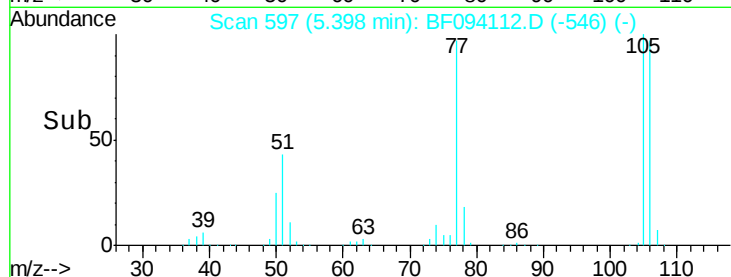
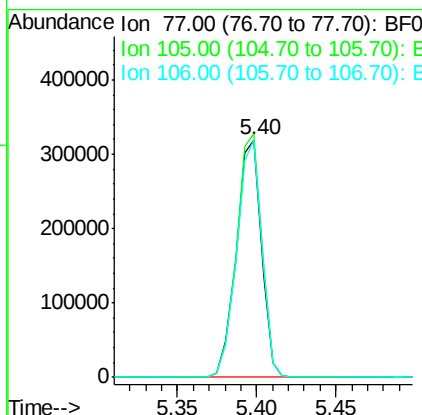
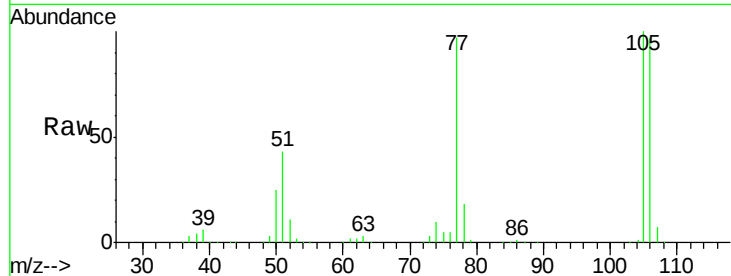
#9
Benzaldehyde
Concen: 37.94 ng
RT: 5.40 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	83.8	123.8
106	99.9	79.1	119.1

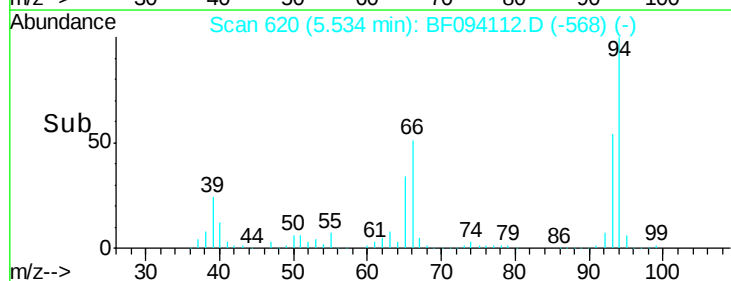
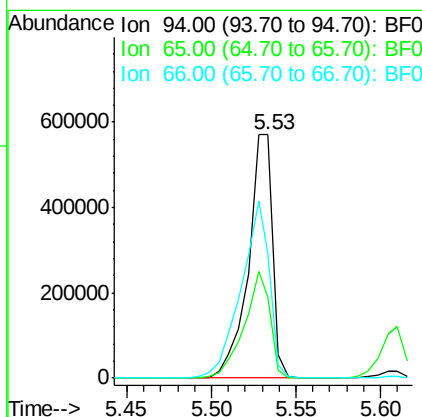
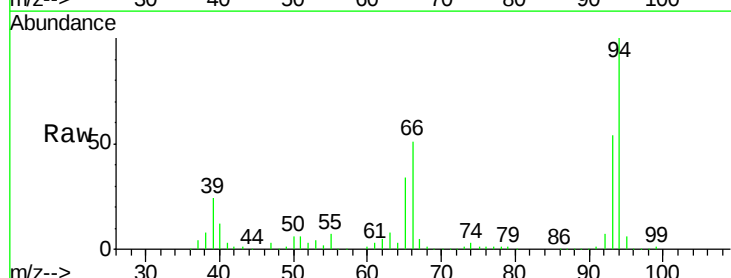
Manual Integrations
APPROVED

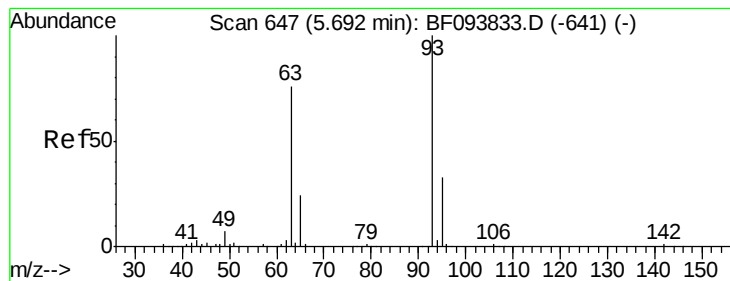
mohammad
4/3/2017 3:34:52 PM



#10
Phenol
Concen: 37.33 ng
RT: 5.53 min Scan# 620
Delta R.T. 0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	9.9	49.9
66	51.0	23.1	63.1





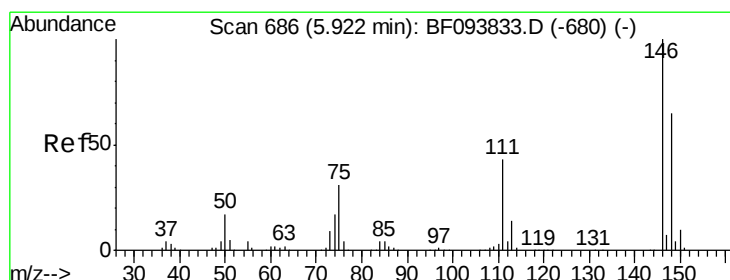
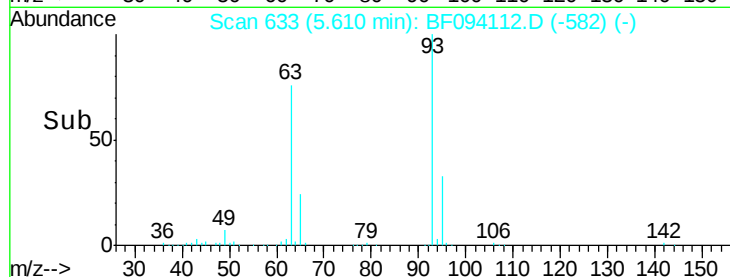
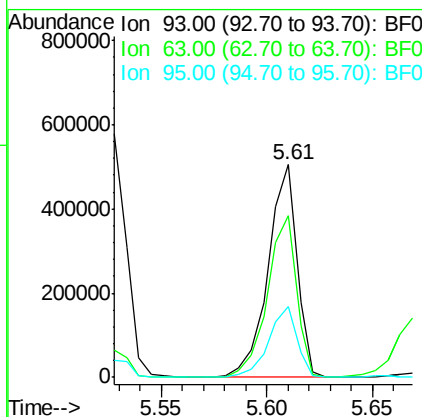
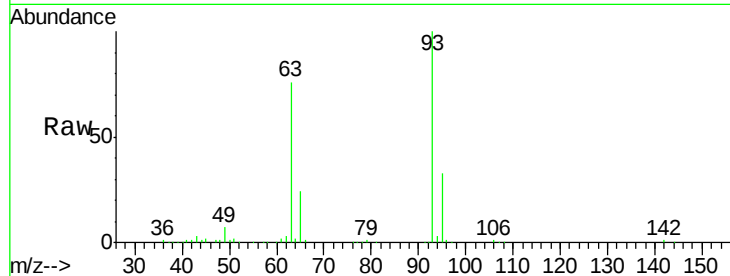
#11
bis(2-Chloroethyl)ether
Concen: 39.78 ng
RT: 5.61 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	481837		
63	76.0	59.2	99.2	
95	33.1	12.8	52.8	

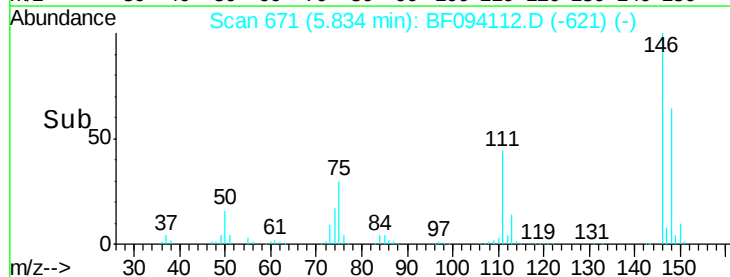
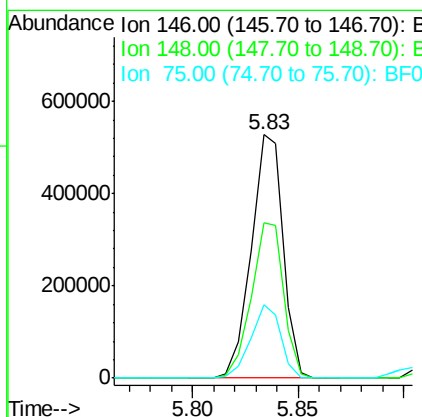
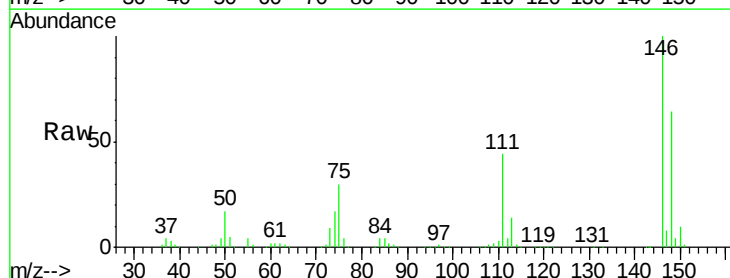
Manual Integrations
APPROVED

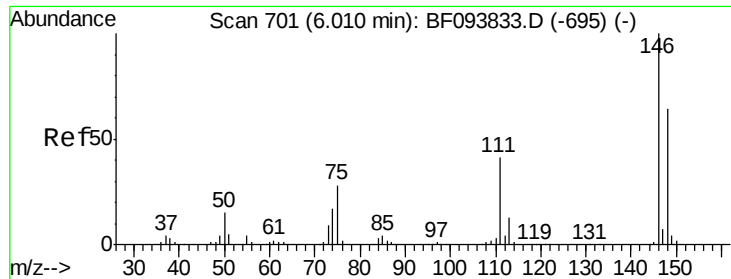
mohammad
4/3/2017 3:34:52 PM



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	552635		
148	63.9	51.8	77.6	
75	30.1	23.1	34.7	





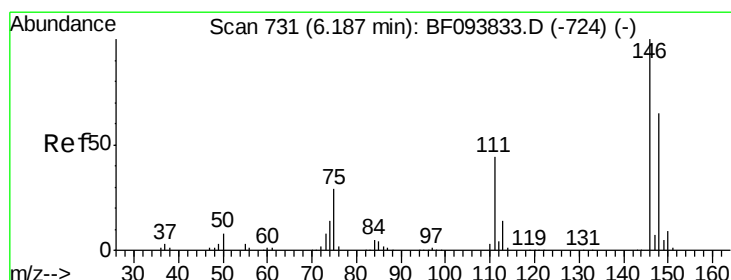
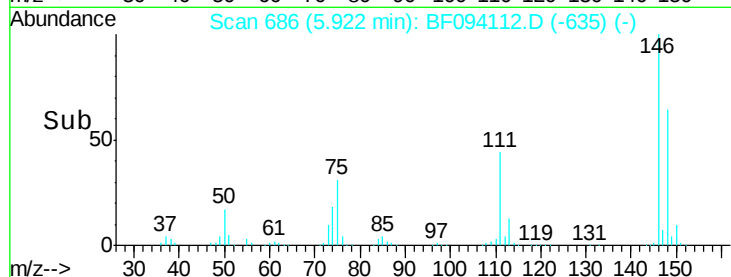
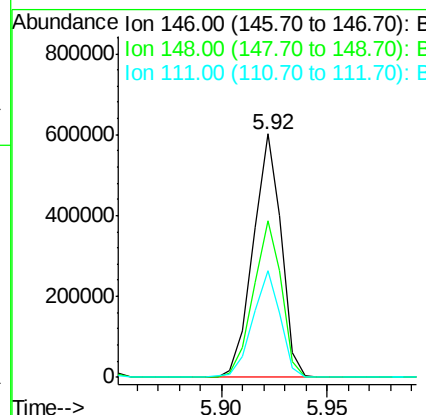
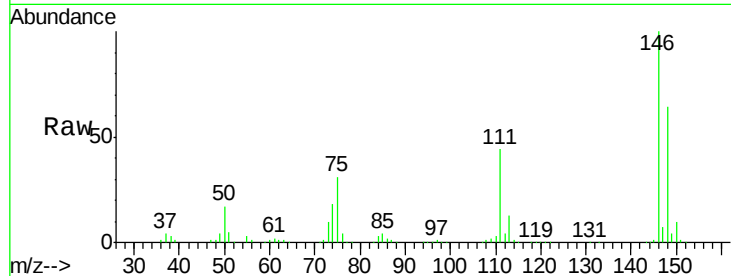
#13
1,4-Dichlorobenzene
Concen: 40.27 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	43.6	30.3	45.5

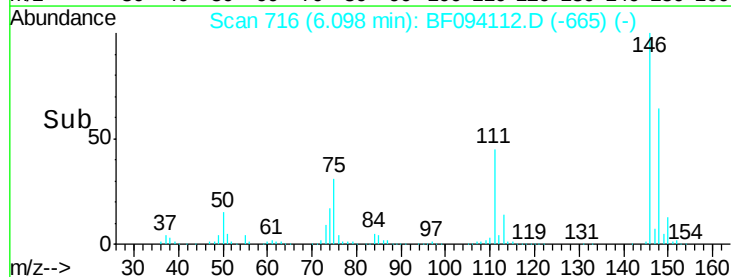
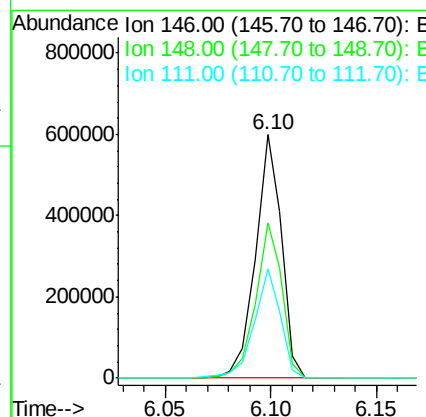
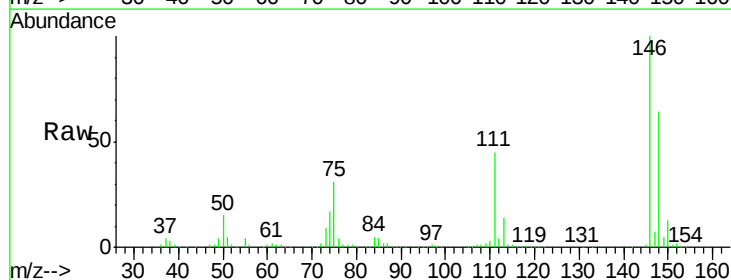
Manual Integrations
APPROVED

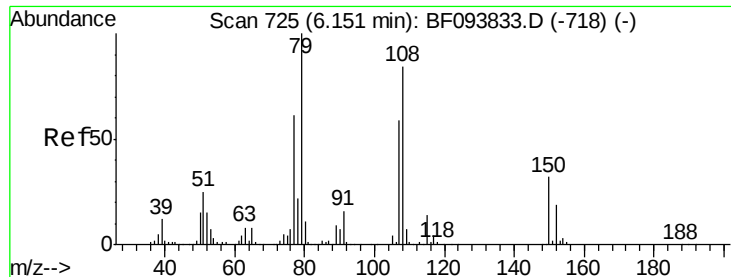
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.39 ng
RT: 6.10 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	44.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 36.66 ng

RT: 6.07 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

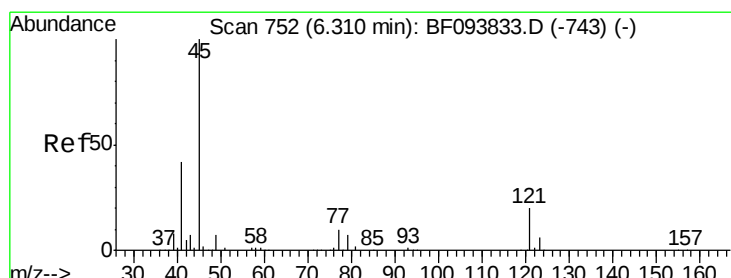
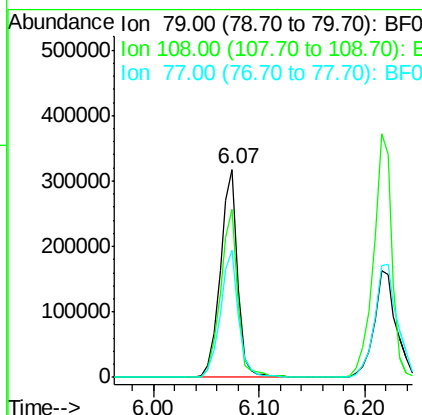
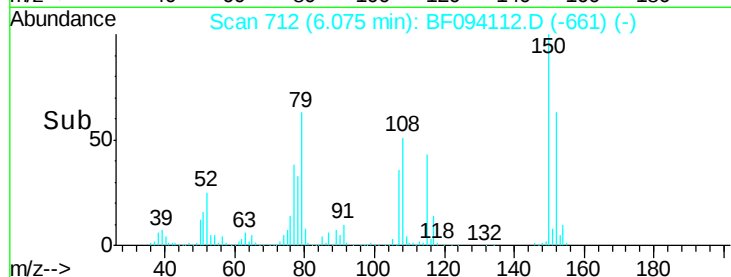
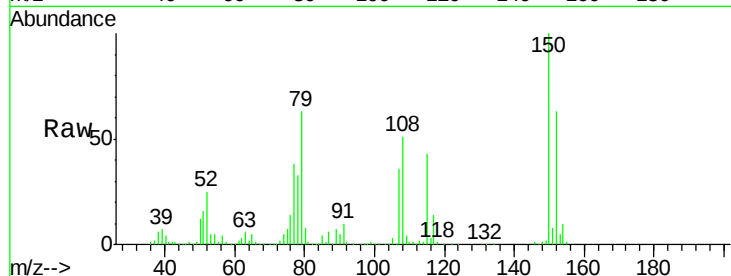
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	365471
Ion Ratio	Lower	Upper	
79	100		
108	81.0	63.4	95.0
77	61.2	49.2	73.8

Manual Integrations
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mohammad
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.75 ng

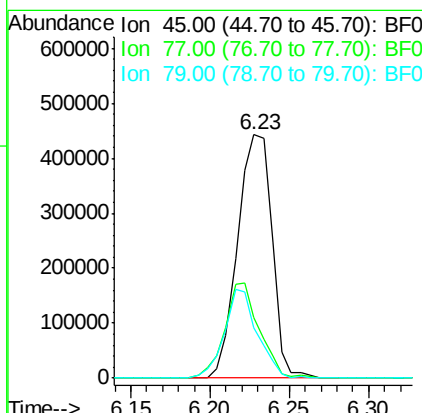
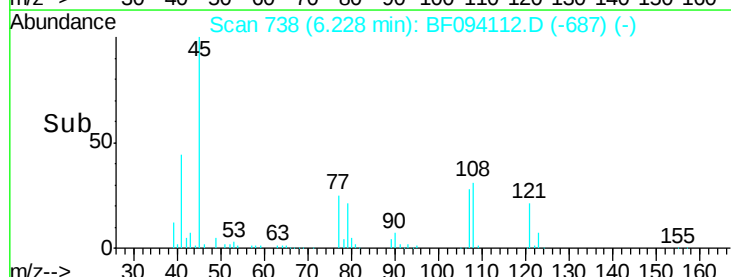
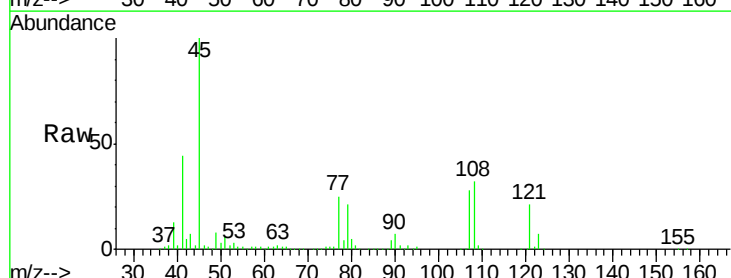
RT: 6.23 min Scan# 738

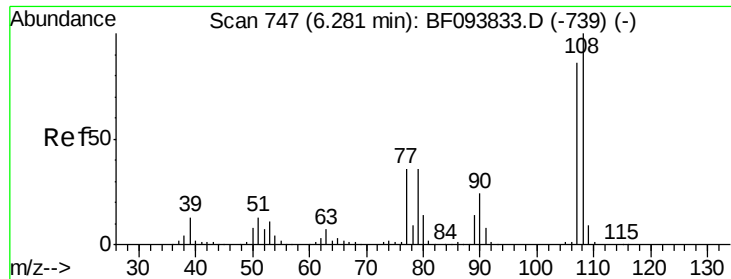
Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Tgt Ion:	45	Resp:	667286
Ion Ratio	Lower	Upper	
45	100		
77	25.1	0.0	33.2
79	20.7	0.0	30.0





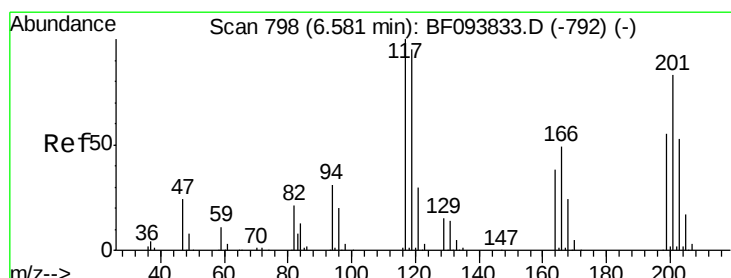
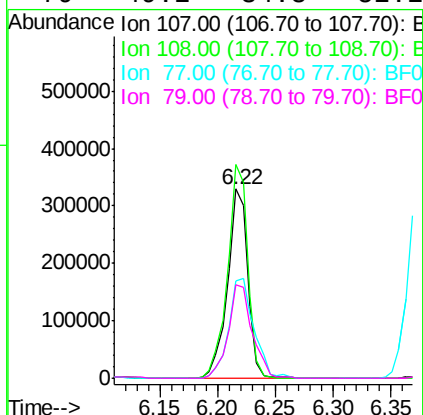
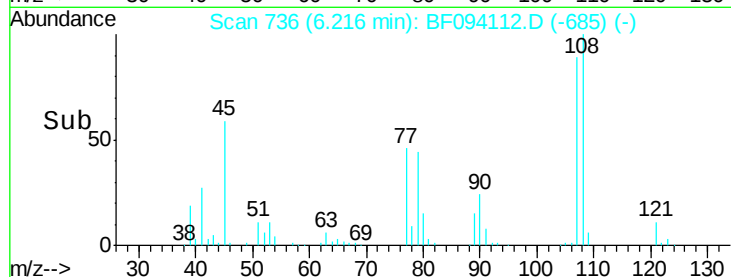
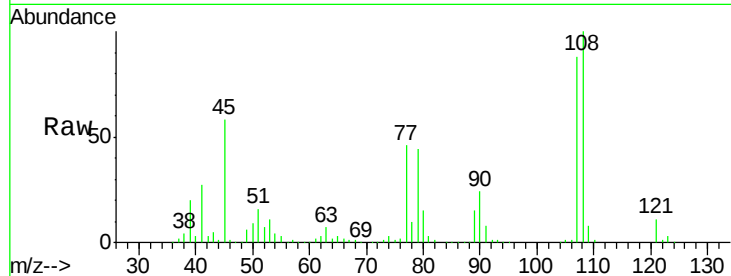
#17
2-Methylphenol
Concen: 38.49 ng
RT: 6.22 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	399006		
108	108.00	113.1		93.4	140.0
77	77.00	51.7		35.8	53.6
79	79.00	49.2		34.8	52.2

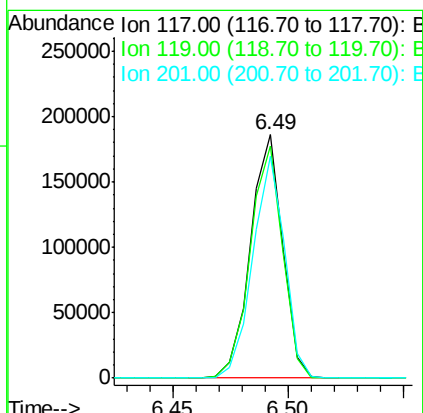
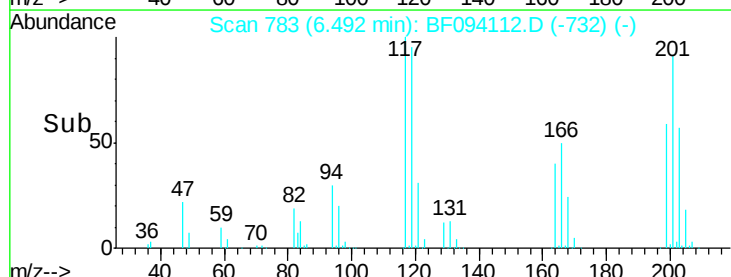
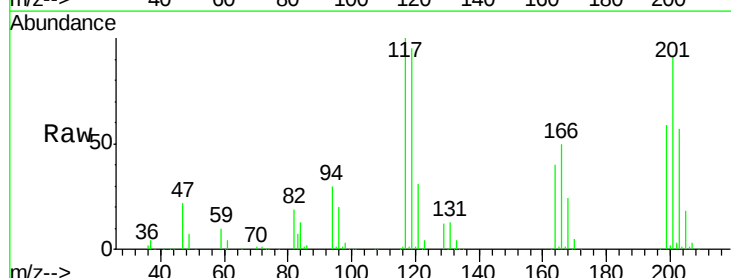
Manual Integrations
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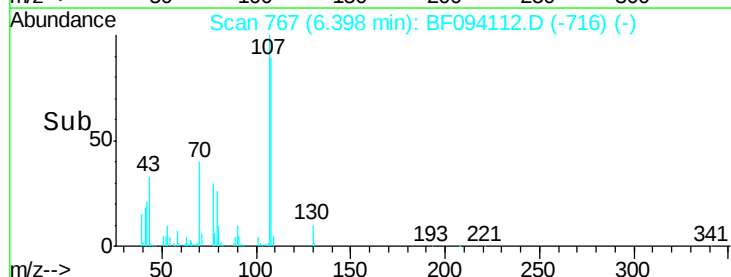
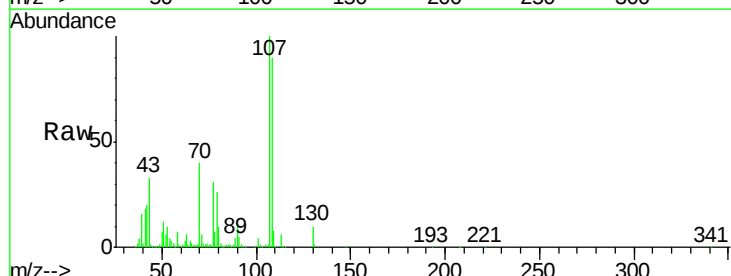
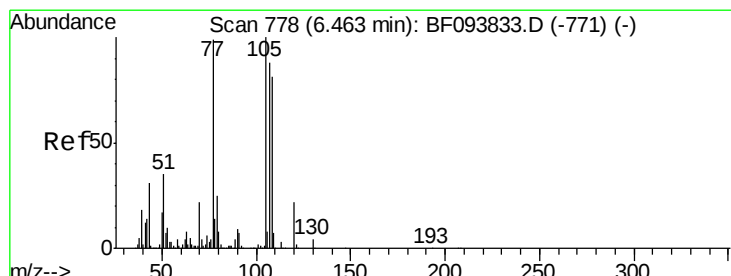
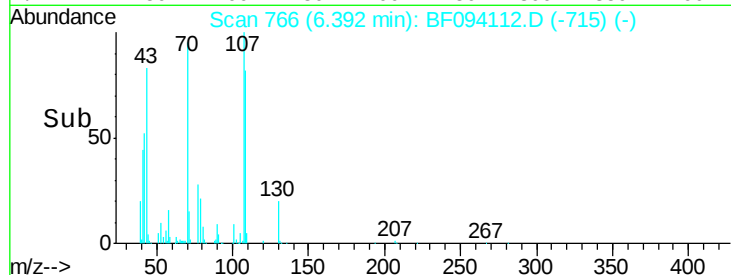
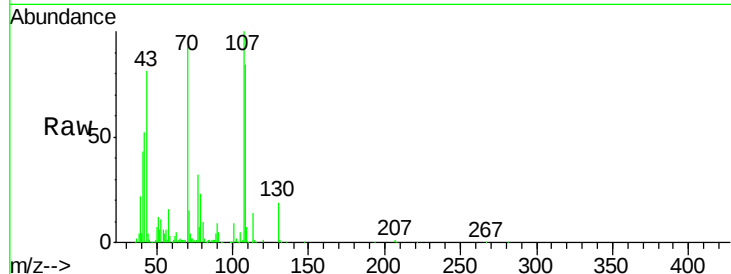
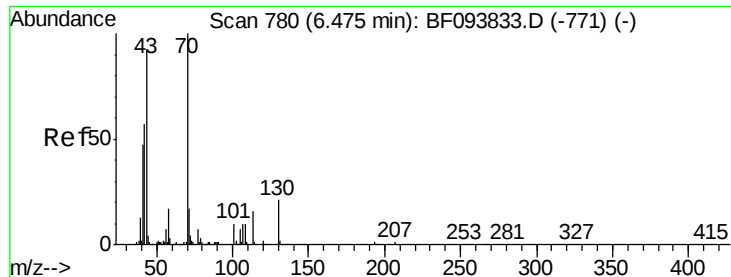
mohammad
4/3/2017 3:34:52 PM



#18
Hexachloroethane
Concen: 37.48 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	181157		
119	119.00	95.4		77.4	116.0
201	201.00	91.3		94.6	141.8#





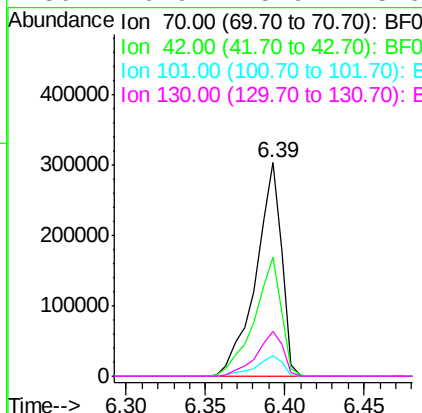
#19
n-Nitroso-di-n-propylamine
Concen: 39.35 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	47.2	70.8	
101	9.5	7.2	10.8	
130	20.9	15.9	23.9	

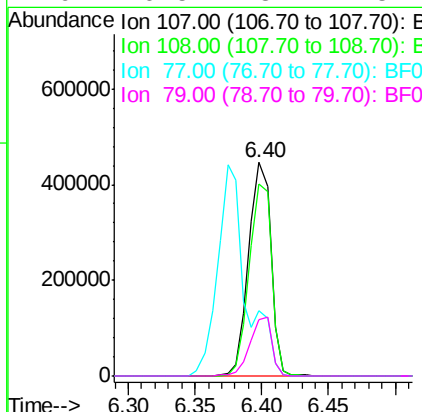
Manual Integrations
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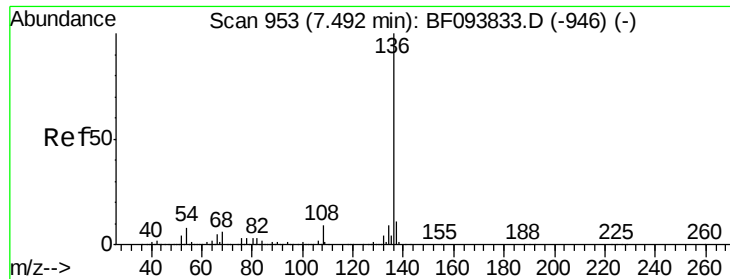
mohammad
4/3/2017 3:34:52 PM



#20
3+4-Methylphenols
Concen: 40.86 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	71.0	111.0	
77	30.6	90.5	130.5#	
79	26.5	8.4	48.4	





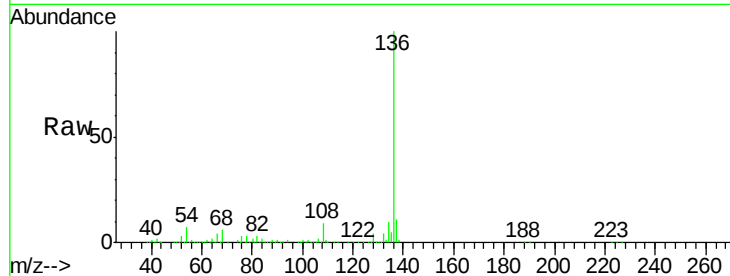
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.41 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	748790		
137	10.6		8.5	12.7
54	6.9		4.9	7.3
68	5.7		4.1	6.1

Manual Integrations
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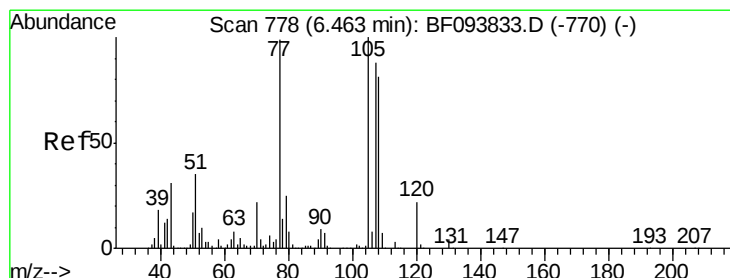
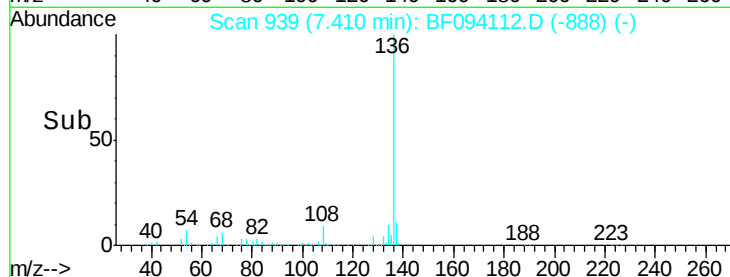
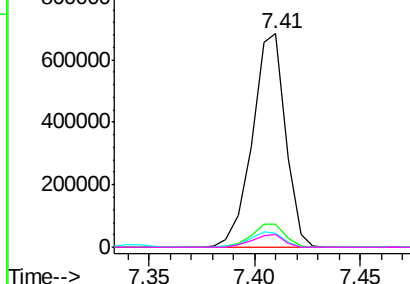
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 42.26 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	705181		
71	2.0		2.8	4.2#
51	24.8		30.7	46.1#
120	20.9		17.4	26.0

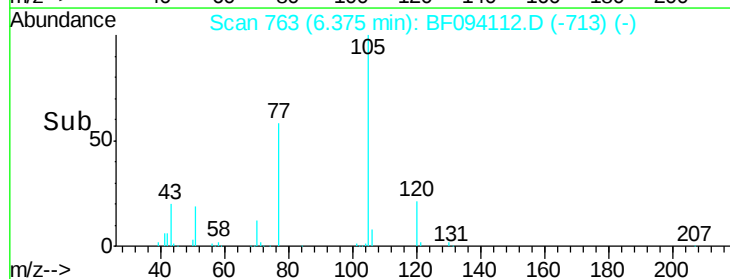
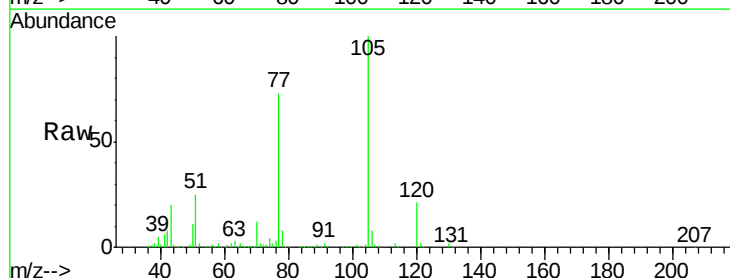
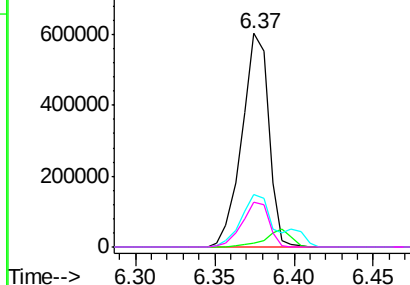
Abundance

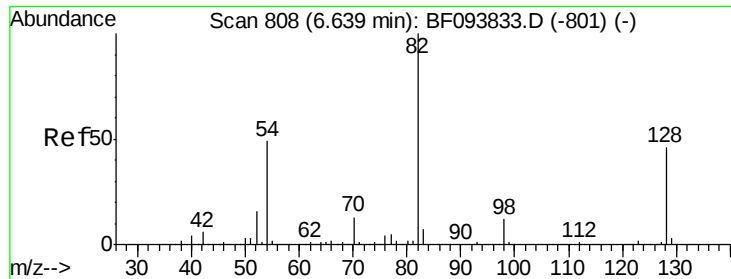
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





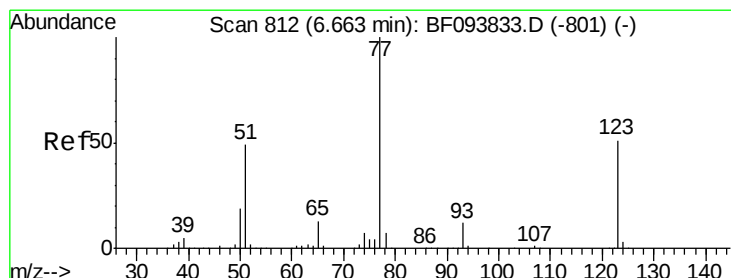
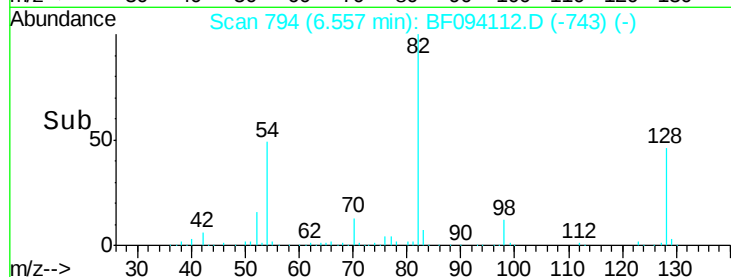
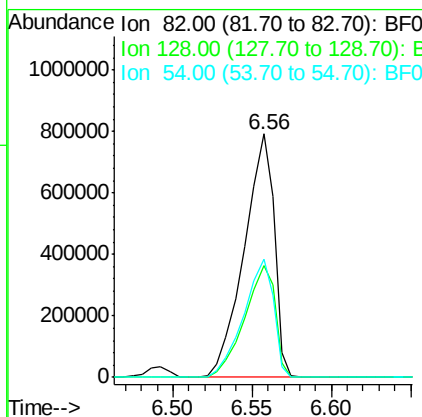
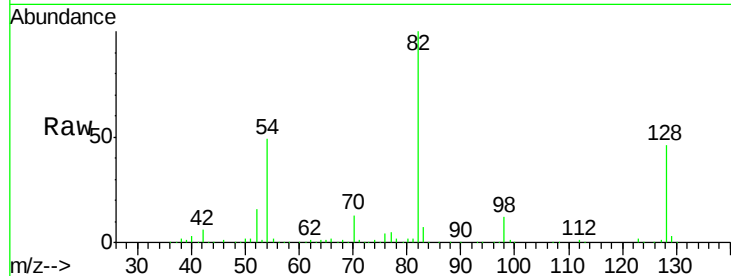
#23
Nitrobenzene-d5
Concen: 79.37 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1041380
Ion Ratio Lower Upper
82 100
128 45.7 34.0 51.0
54 48.7 42.2 63.2

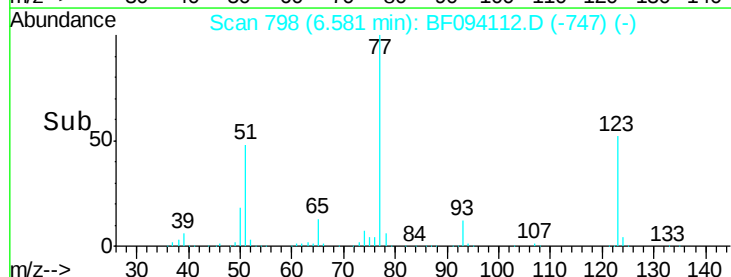
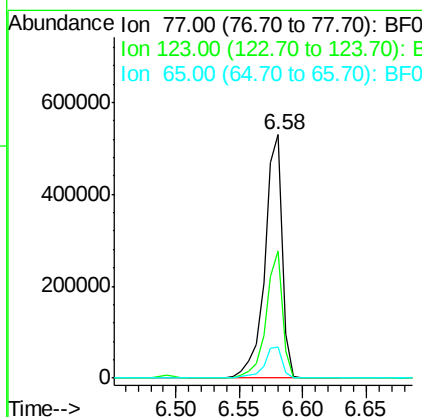
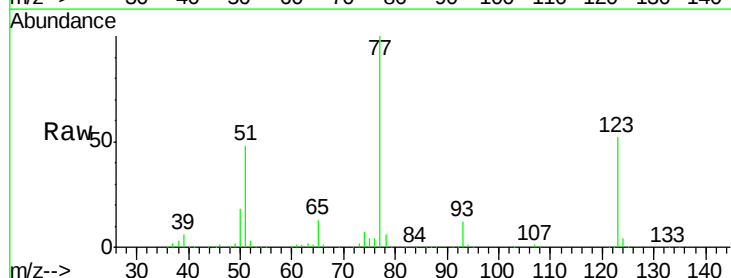
Manual Integrations
APPROVED

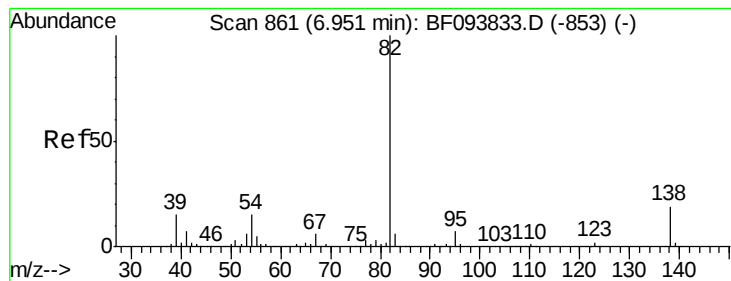
mohammad
4/3/2017 3:34:52 PM



#24
Nitrobenzene
Concen: 39.18 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion: 77 Resp: 506952
Ion Ratio Lower Upper
77 100
123 52.0 35.8 53.8
65 12.9 10.6 15.8





#25

Isophorone

Concen: 38.89 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

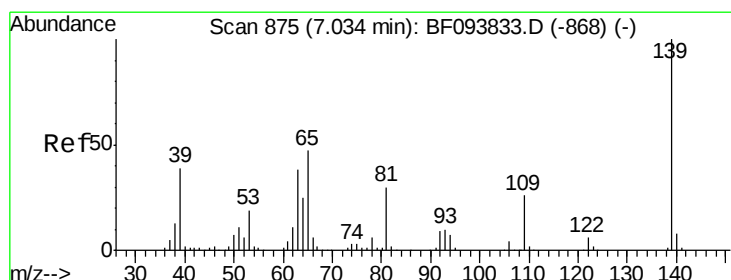
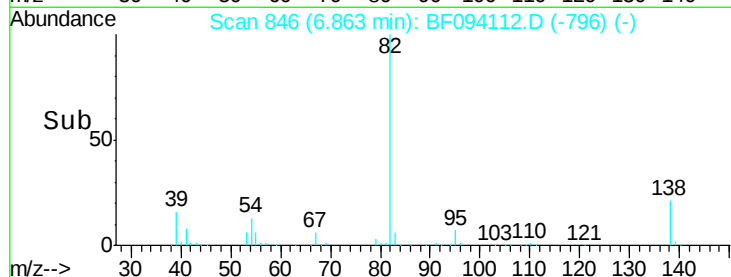
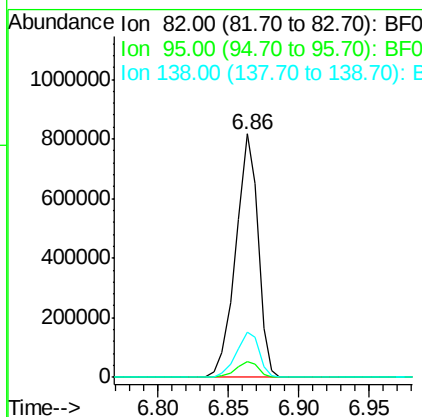
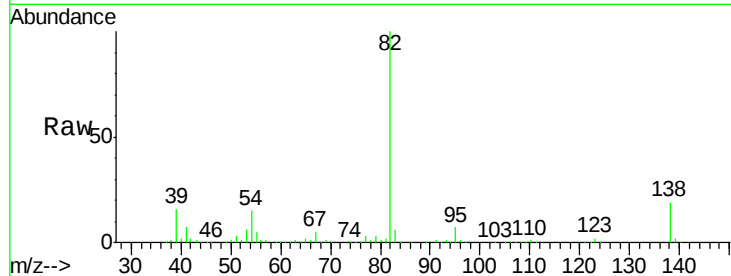
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	896678
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.7	13.1	19.7

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#26

2-Nitrophenol

Concen: 22.97 ng

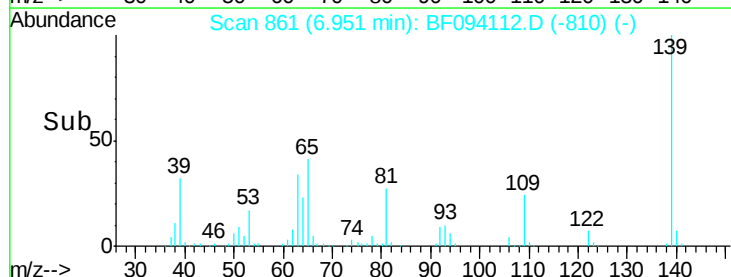
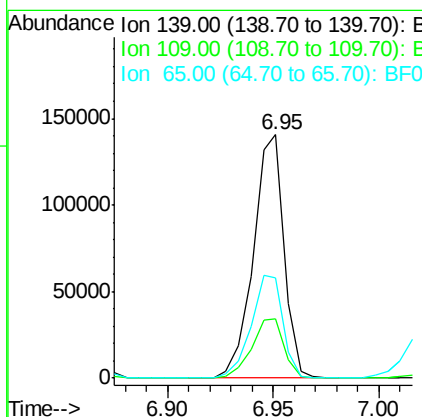
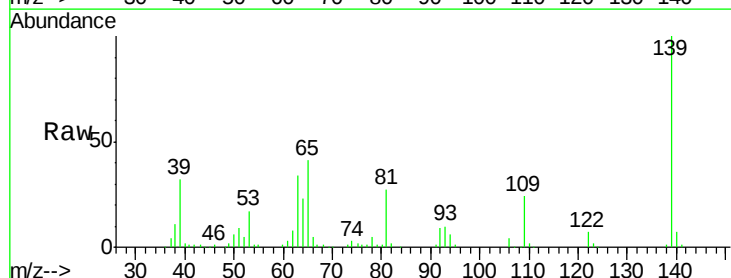
RT: 6.95 min Scan# 861

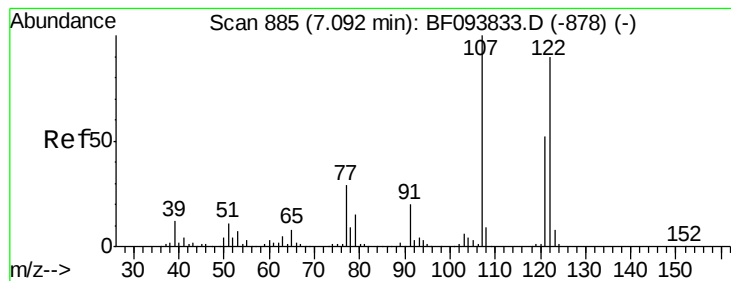
Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Tgt Ion:	139	Resp:	141729
Ion Ratio	Lower	Upper	
139	100		
109	24.2	21.0	31.6
65	41.1	33.0	49.6





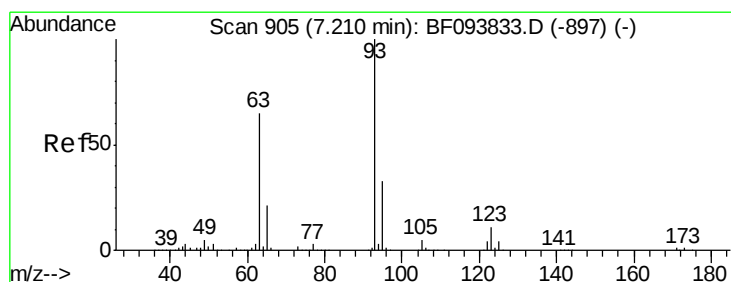
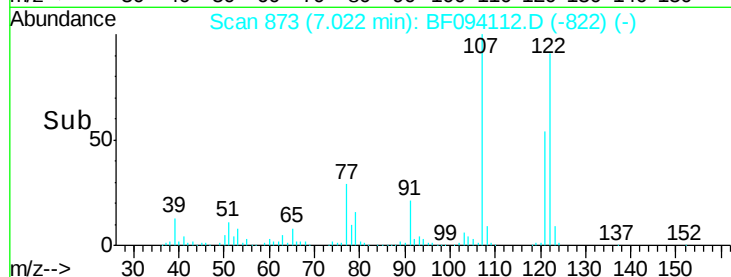
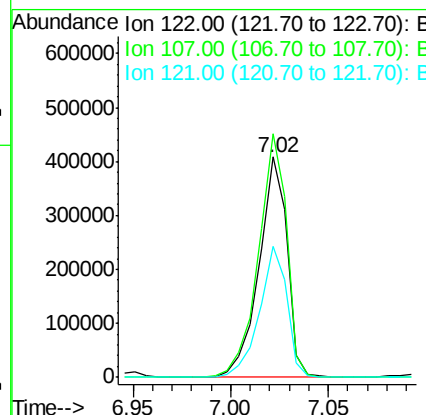
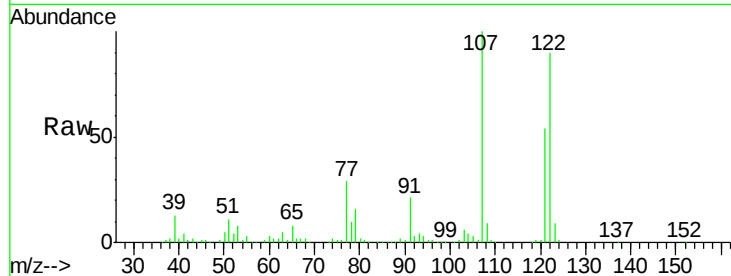
#27
2,4-Dimethylphenol
Concen: 38.39 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	89.2	133.8
121	59.2	45.2	67.8

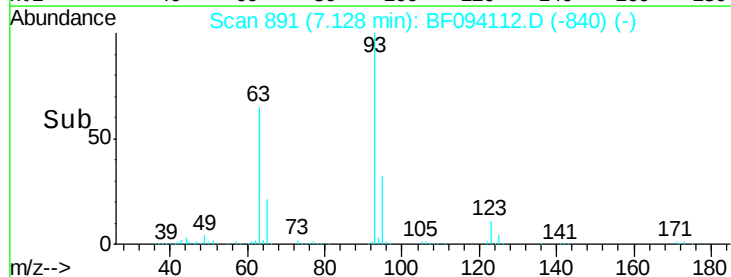
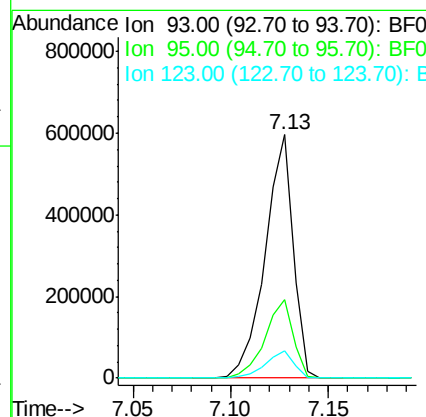
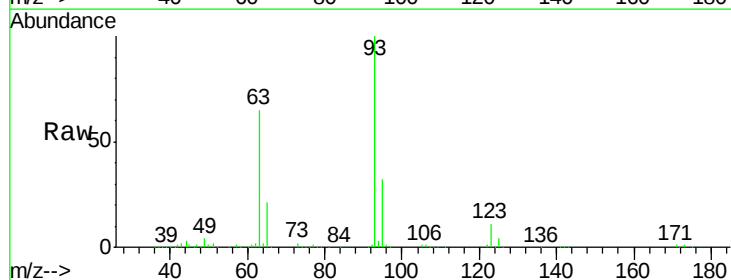
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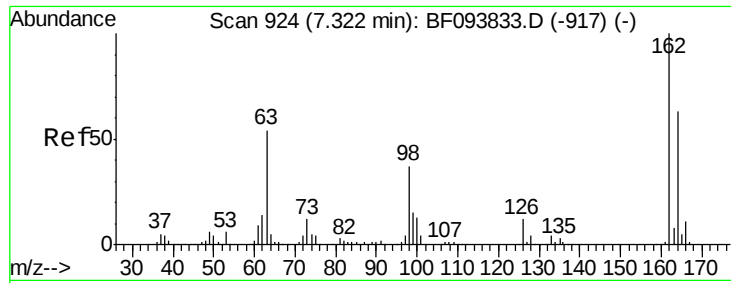
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#28
bis(2-Chloroethoxy)methane
Concen: 39.11 ng
RT: 7.13 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	11.1	9.0	13.4





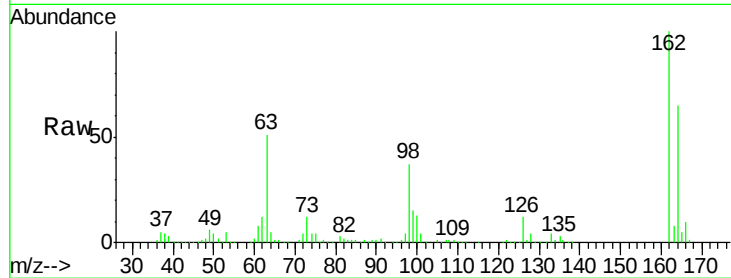
#29
 2,4-Dichlorophenol
 Concen: 36.32 ng
 RT: 7.25 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

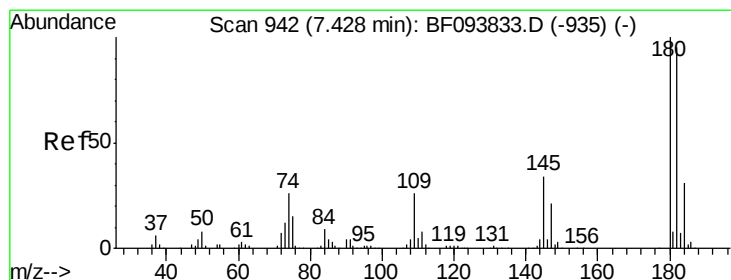
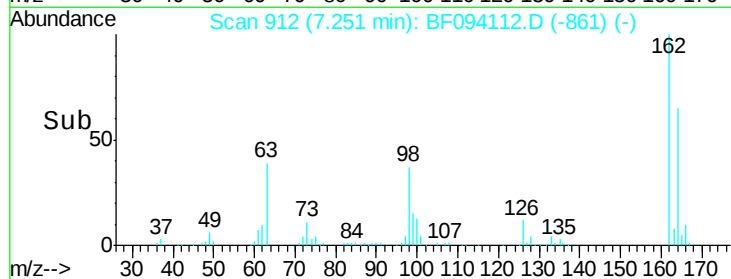
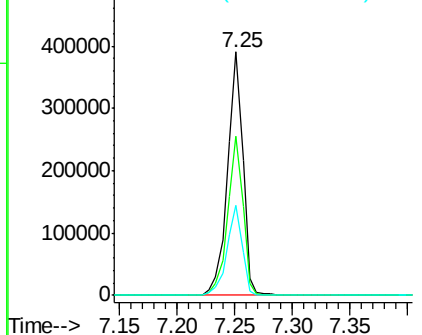
Tot Ion:	162	Resp:	361097
Ion Ratio	Lower	Upper	
162	100		
164	65.3	44.6	84.6
98	36.8	14.8	54.8

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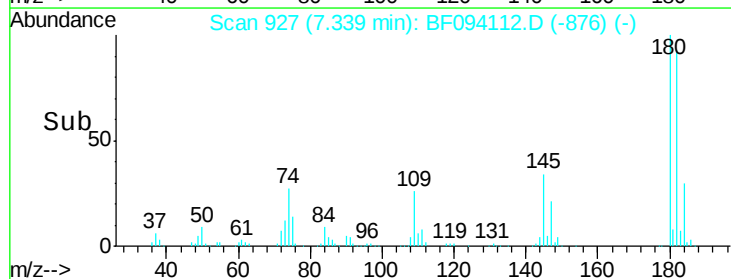
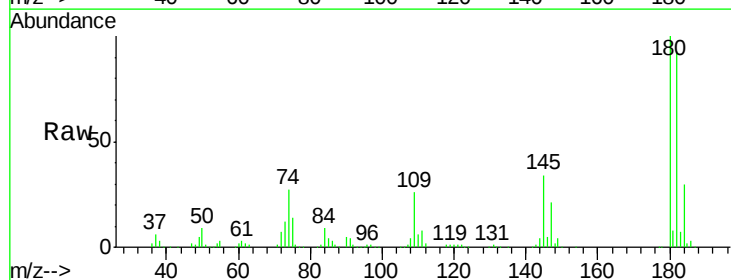
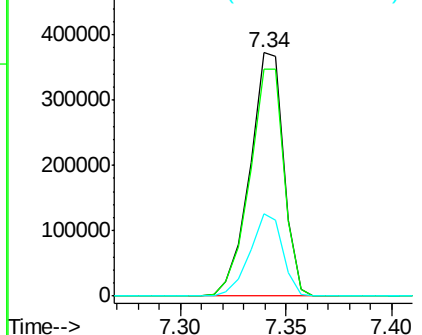
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

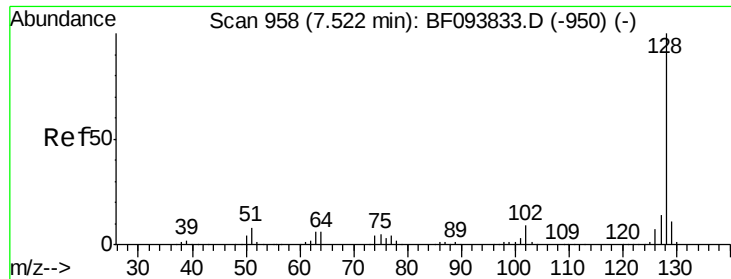


#30
 1,2,4-Trichlorobenzene
 Concen: 40.50 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion:	180	Resp:	414681
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.8	113.6
145	33.9	25.3	37.9

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





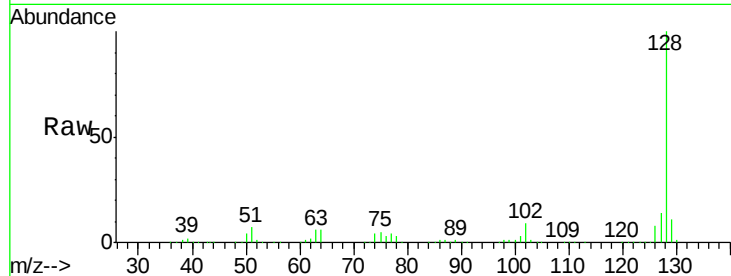
#31
Naphthalene
Concen: 39.42 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

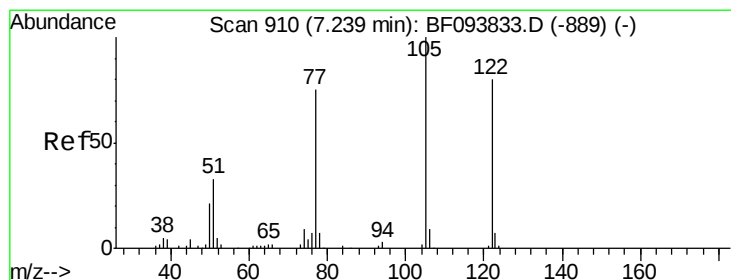
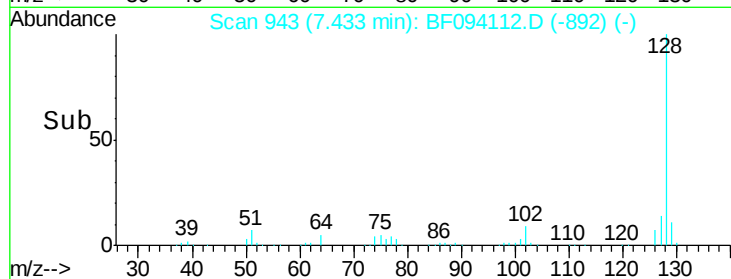
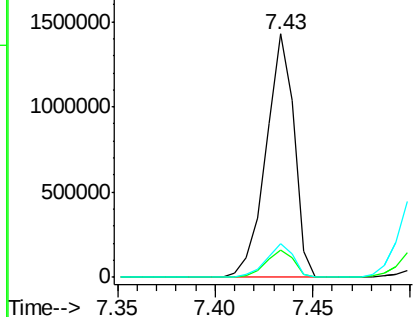
Tot Ion:128 Resp: 1419293
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.0 10.8 16.2

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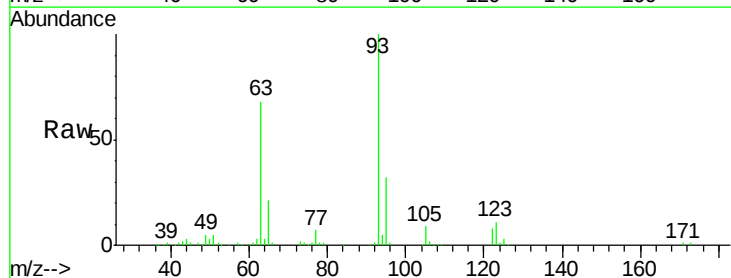


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

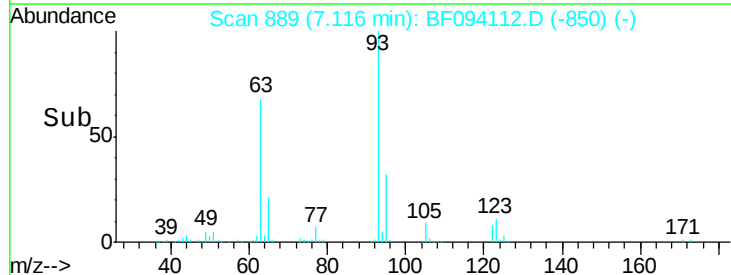
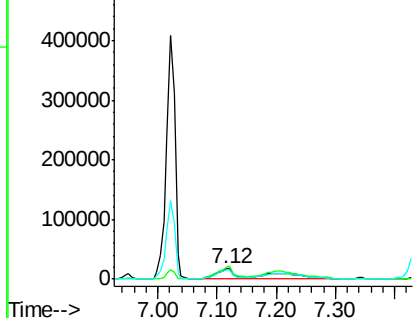


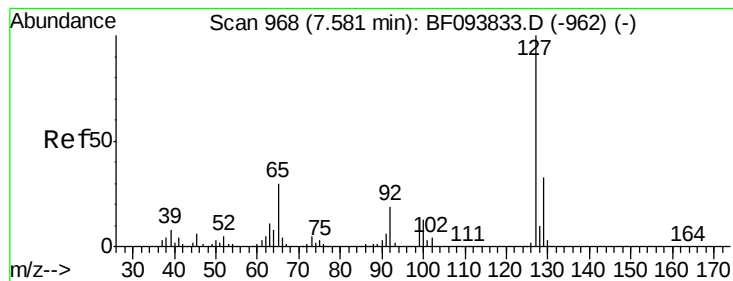
#32
Benzoic acid
Concen: 12.66 ng m
RT: 7.12 min Scan# 889
Delta R.T. -0.07 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion:122 Resp: 89649
Ion Ratio Lower Upper
122 100
105 117.9 103.3 143.3
77 86.2 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: 38.50 ng

RT: 7.50 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

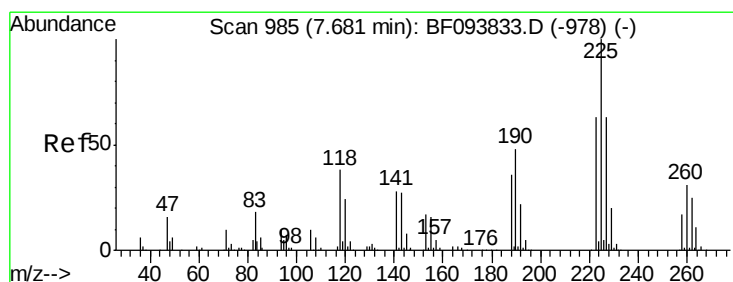
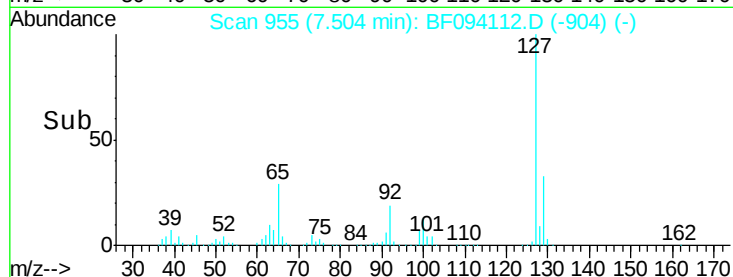
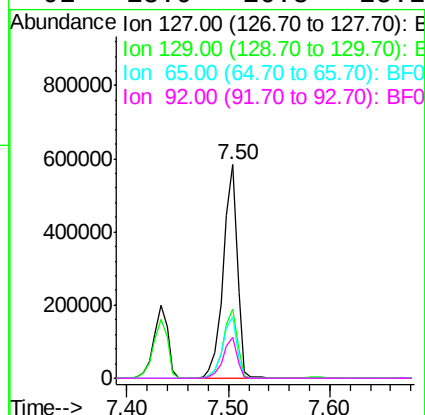
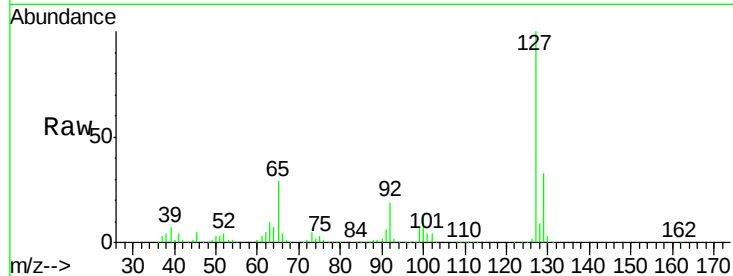
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	28.8	27.8	41.8		
92	18.9	16.8	25.2		

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#34

Hexachlorobutadiene

Concen: 40.72 ng

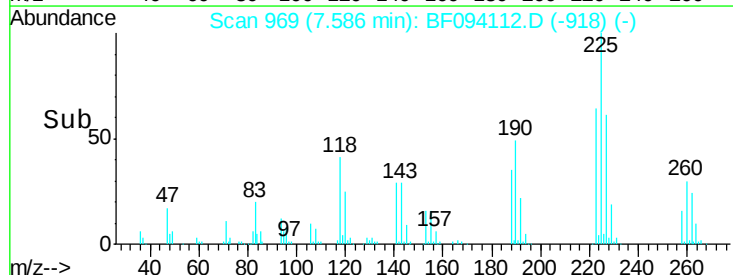
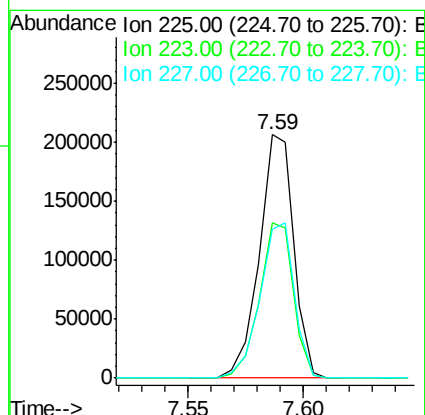
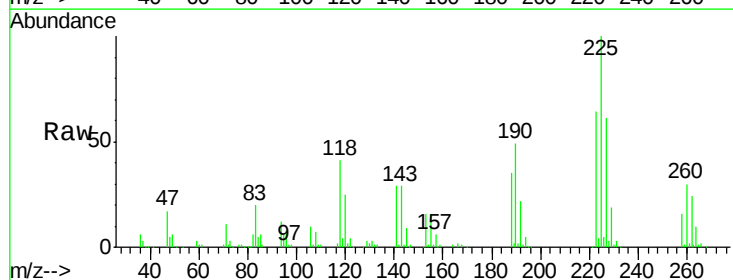
RT: 7.59 min Scan# 969

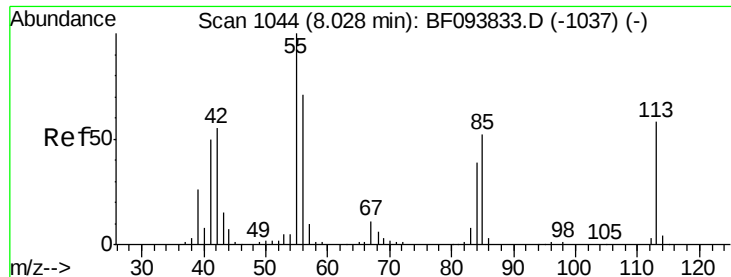
Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	48.8	73.2		
227	61.3	51.1	76.7		





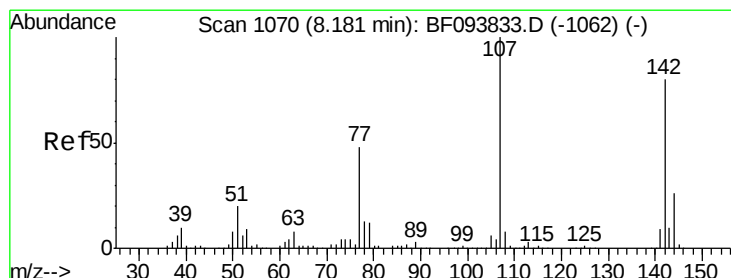
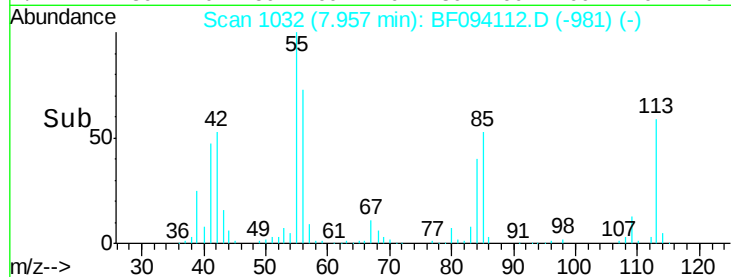
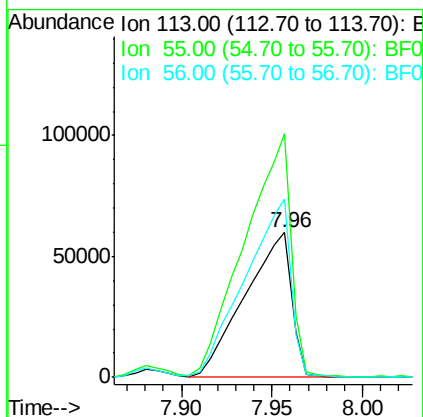
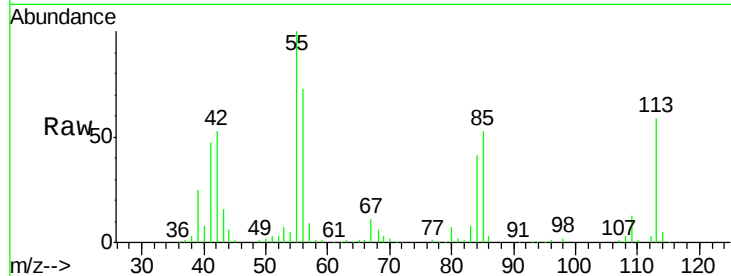
#35
 Caprolactam
 Concen: 33.77 ng
 RT: 7.96 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.1	150.2	190.2
56	122.7	107.8	147.8

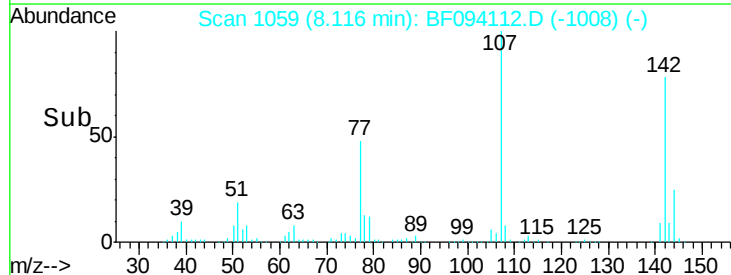
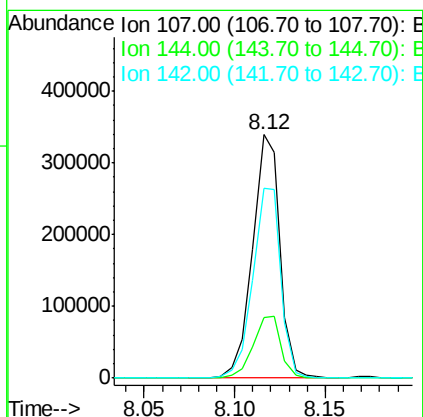
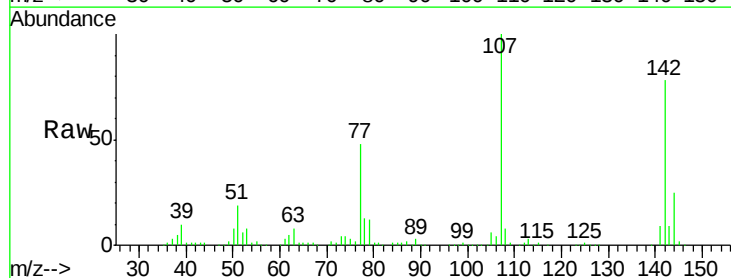
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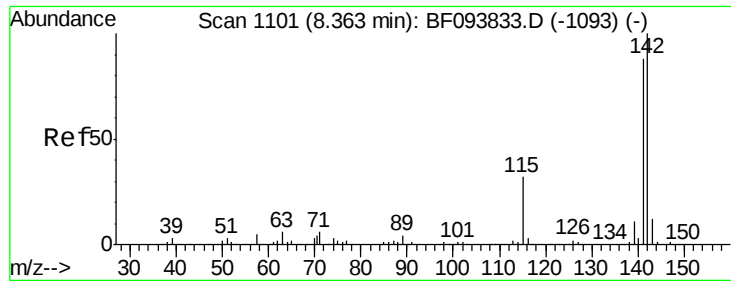
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#36
 4-Chloro-3-methylphenol
 Concen: 34.24 ng
 RT: 8.12 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	24.2	36.4
142	78.0	73.4	110.0





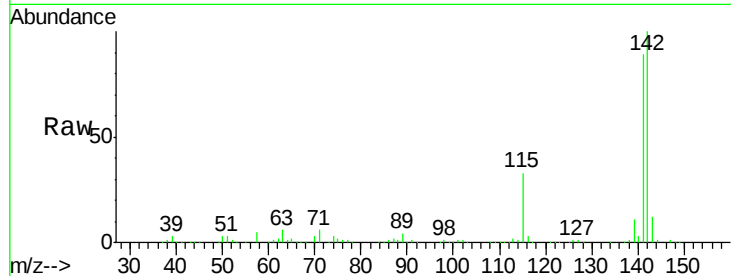
#37
2-Methylnaphthalene
Concen: 39.20 ng
RT: 8.27 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

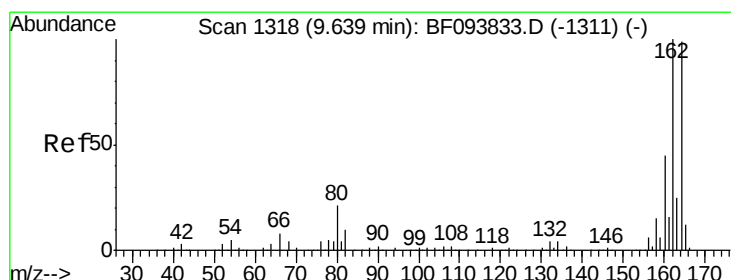
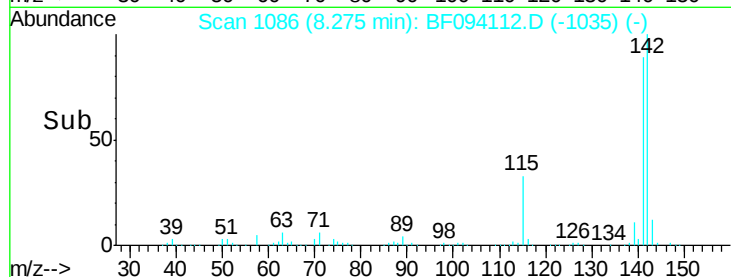
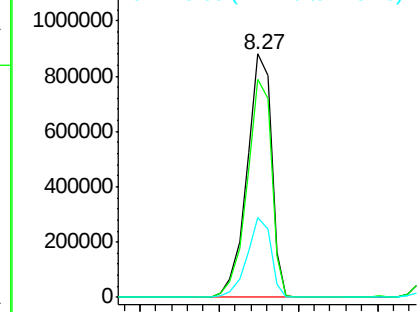
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	32.7	27.1	40.7

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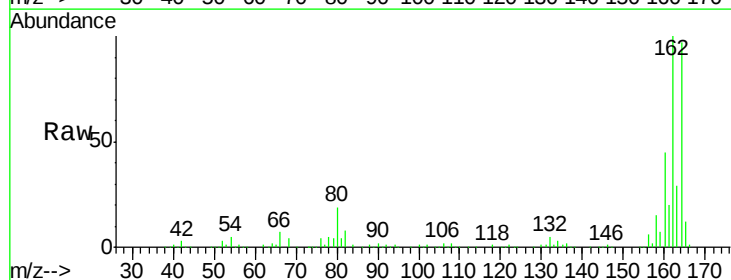


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

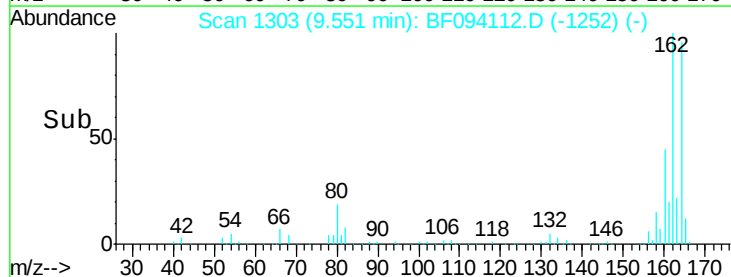
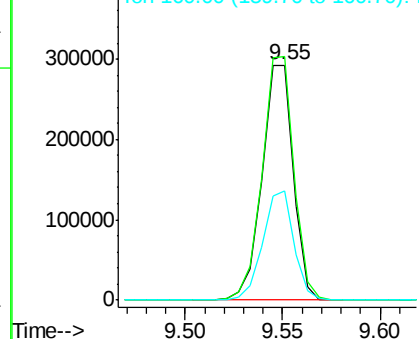


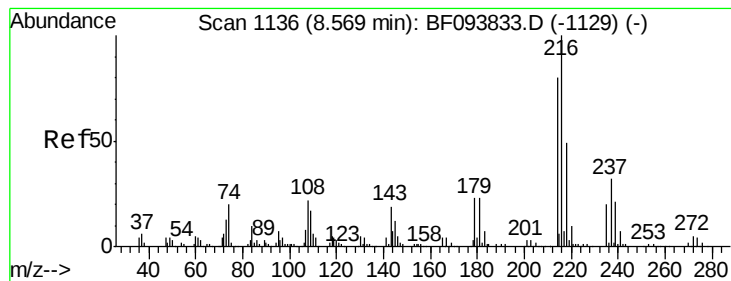
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	46.4	36.2	54.2



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





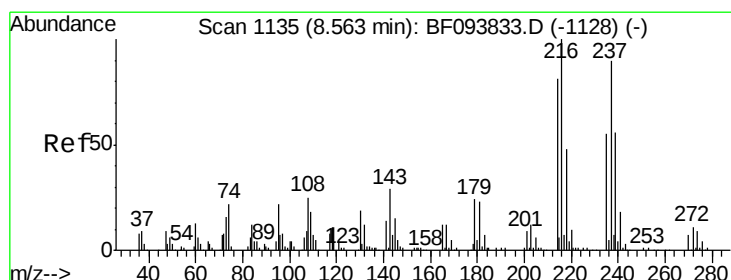
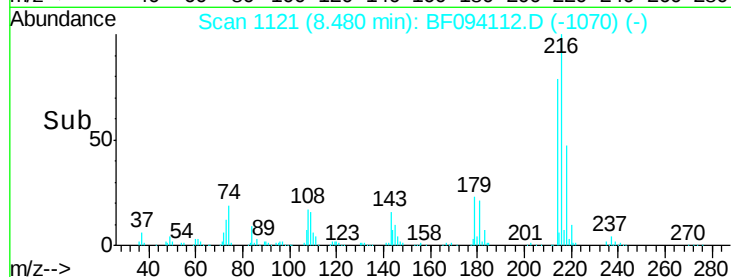
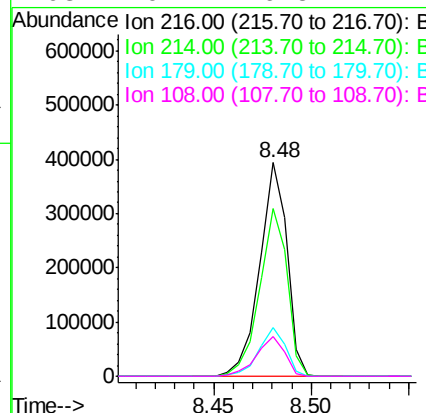
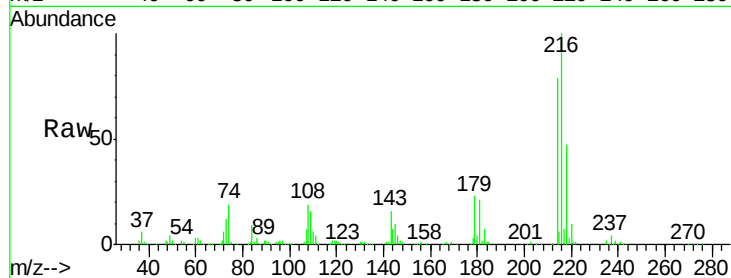
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.13 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	382218
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.2
179	22.5	17.9	26.9
108	19.2	16.5	24.7

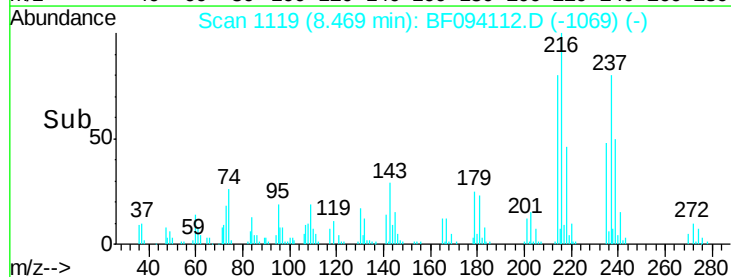
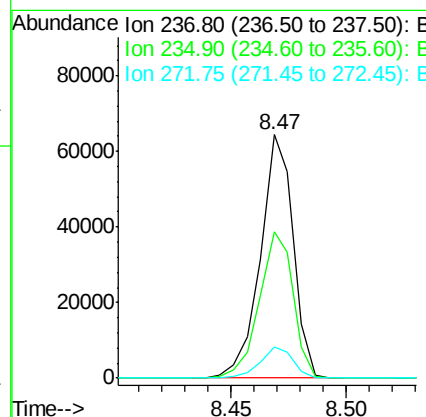
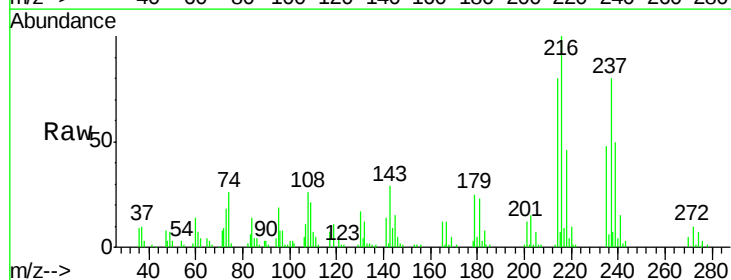
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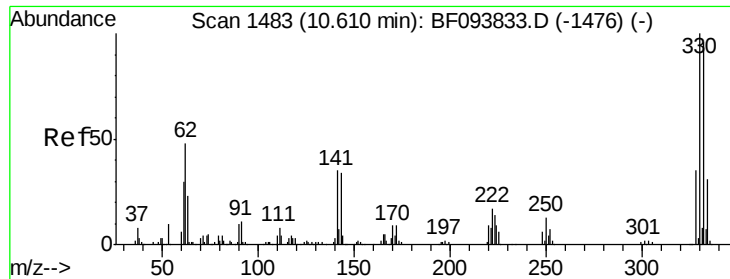
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#40
 Hexachlorocyclopentadiene
 Concen: 15.36 ng
 RT: 8.47 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion:	237	Resp:	63697
Ion Ratio	Lower	Upper	
237	100		
235	60.1	42.6	82.6
272	12.6	0.0	31.9





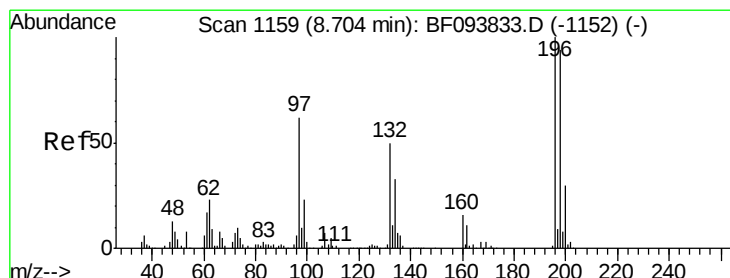
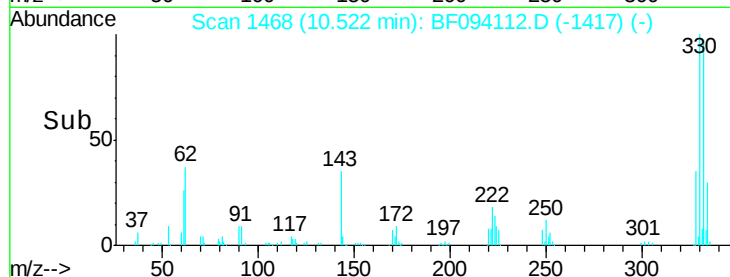
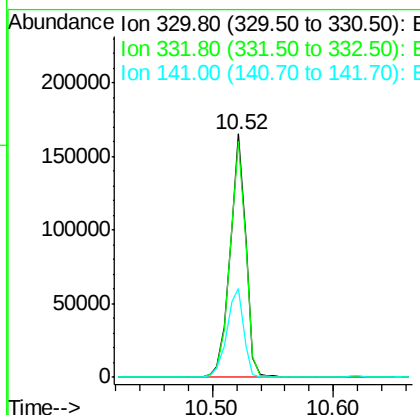
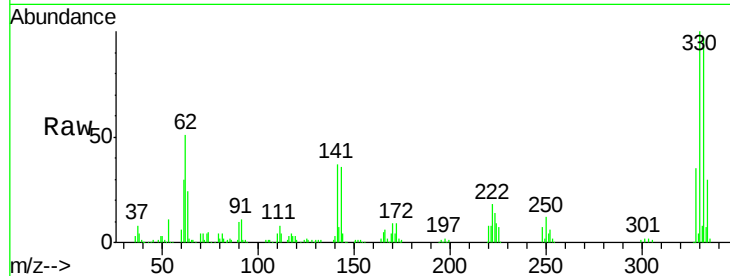
#41
 2,4,6-Tribromophenol
 Concen: 58.50 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	39.3	31.4	47.2

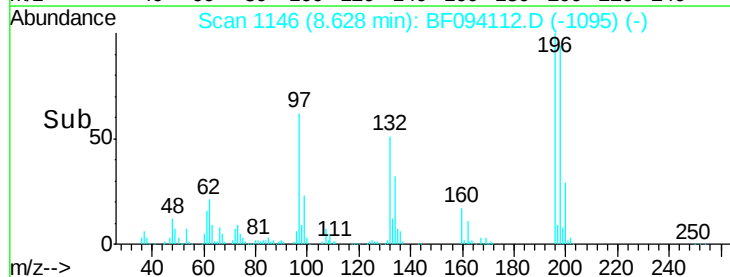
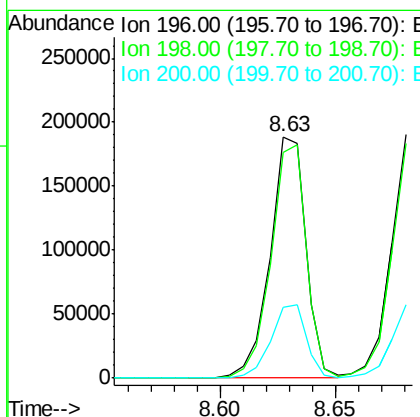
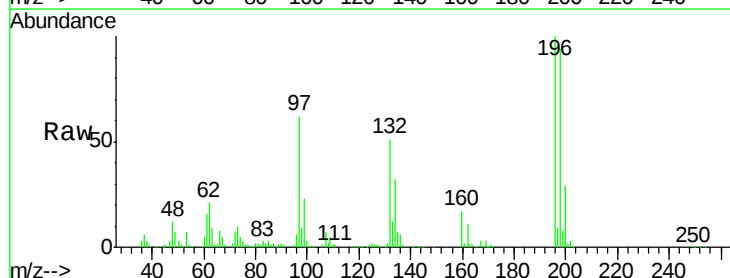
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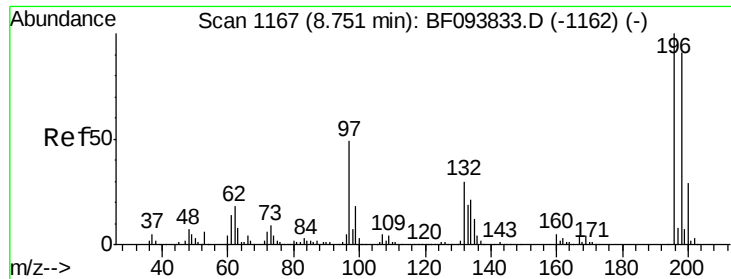
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#42
 2,4,6-Trichlorophenol
 Concen: 32.32 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.2	111.4
200	29.5	24.0	36.0





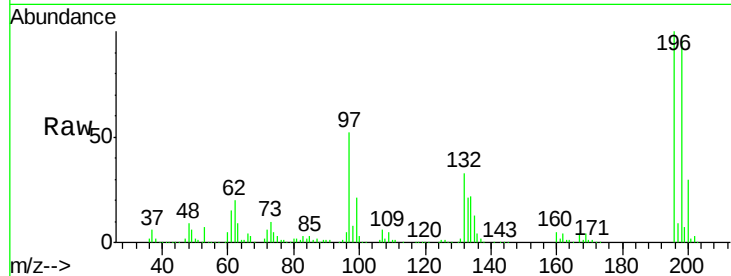
#43
 2,4,5-Trichlorophenol
 Concen: 30.51 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

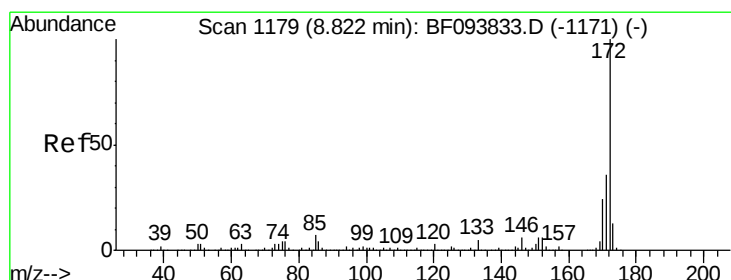
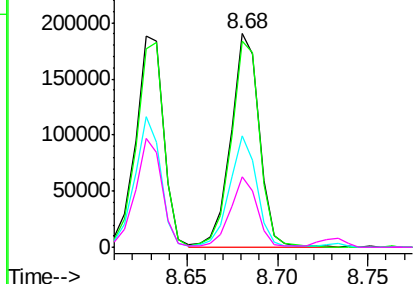
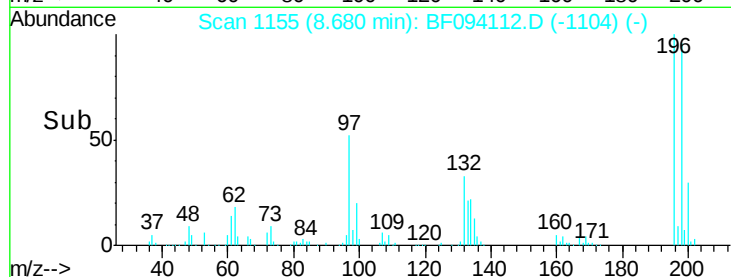
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		207041		
198	96.3	75.7	113.5		
97	52.2	47.7	71.5		
132	32.9	28.0	42.0		

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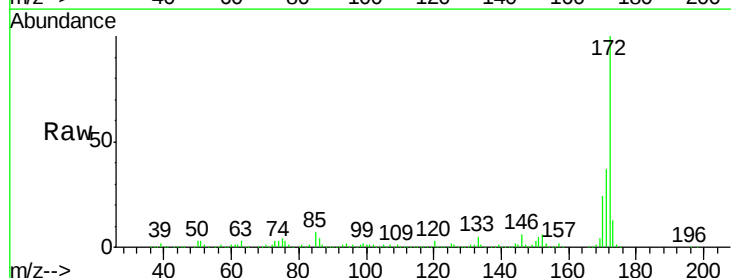


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

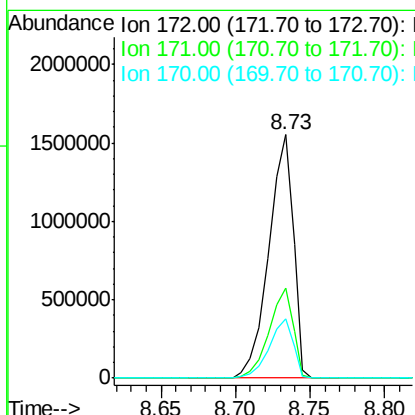
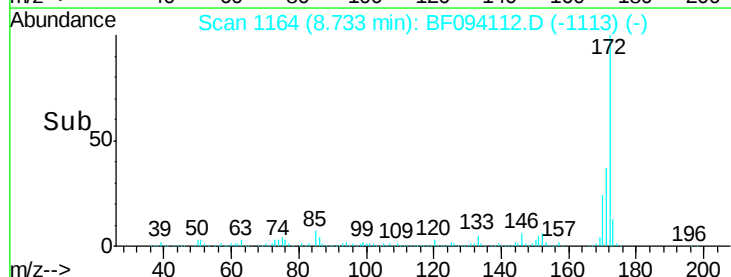


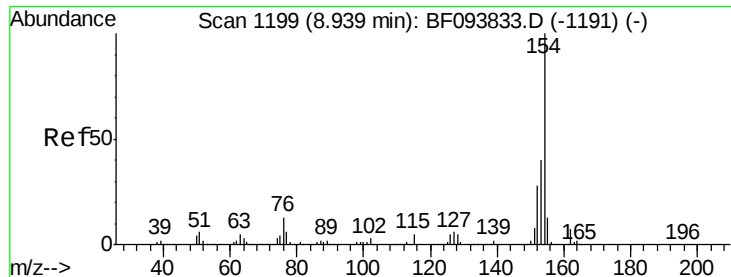
#44
 2-Fluorobiphenyl
 Concen: 83.06 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1764314		
171	37.1	29.6	44.4		
170	24.3	19.8	29.8		



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





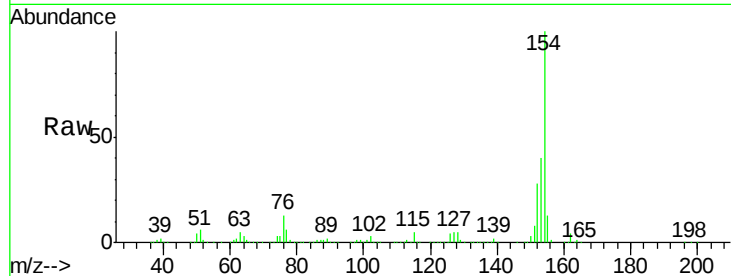
#45
 1,1'-Biphenyl
 Concen: 40.73 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

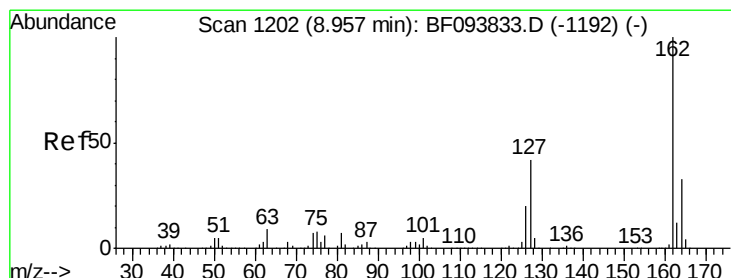
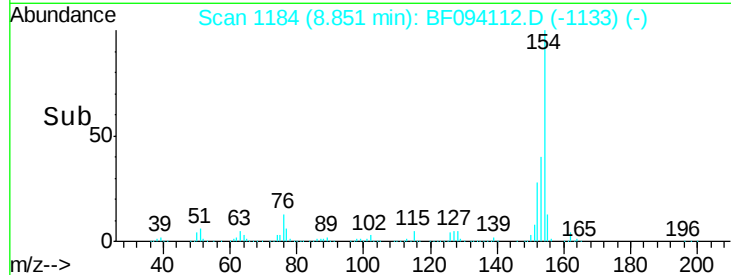
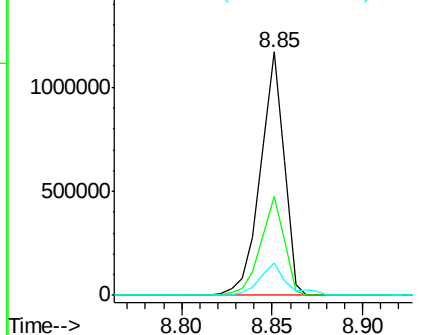
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	13.1	0.0	29.9

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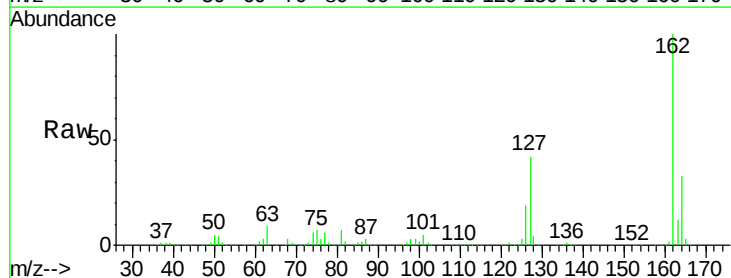


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

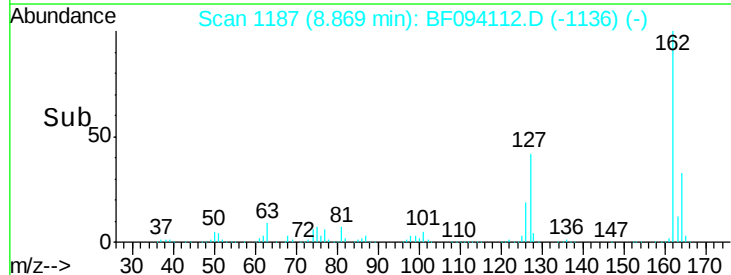
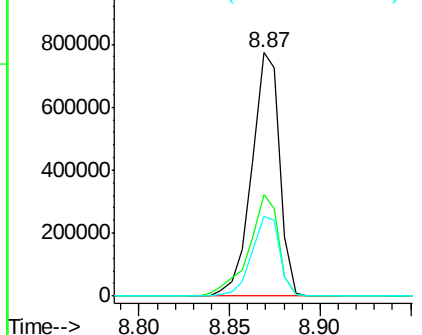


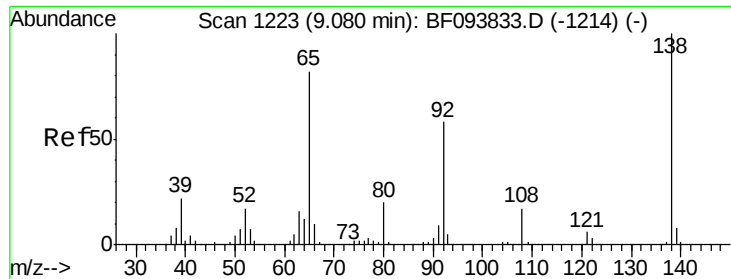
#46
 2-Chloronaphthalene
 Concen: 40.26 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	28.3	42.5
164	32.7	27.0	40.4



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





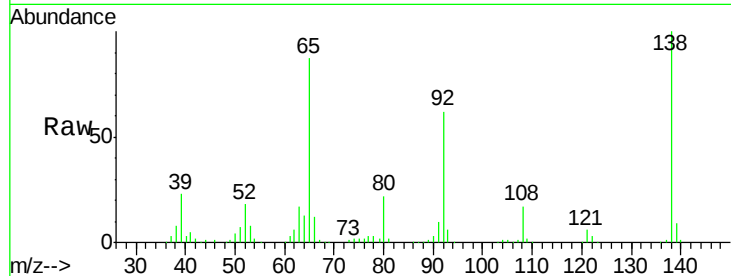
#47
2-Nitroaniline
Concen: 41.51 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

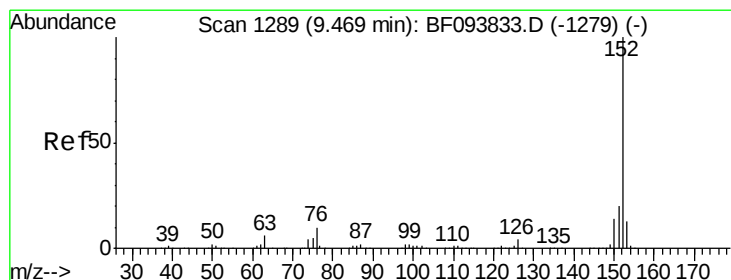
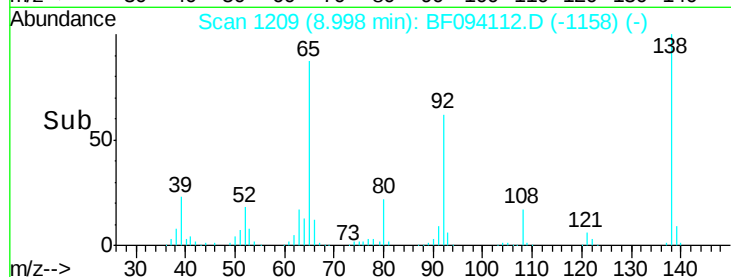
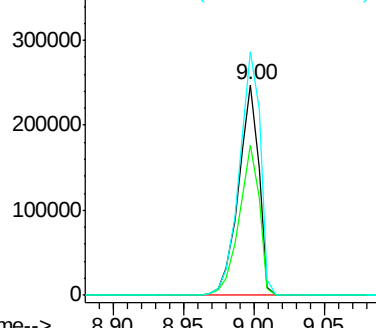
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.9	80.9
138	115.6	78.8	118.2

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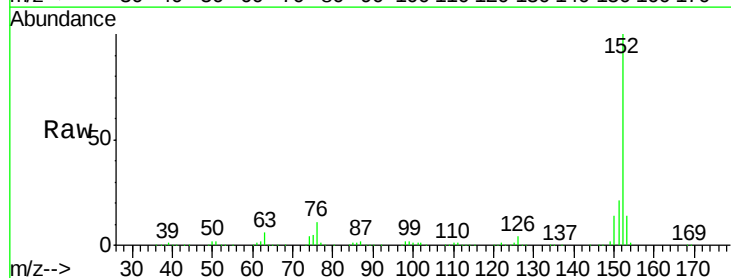


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

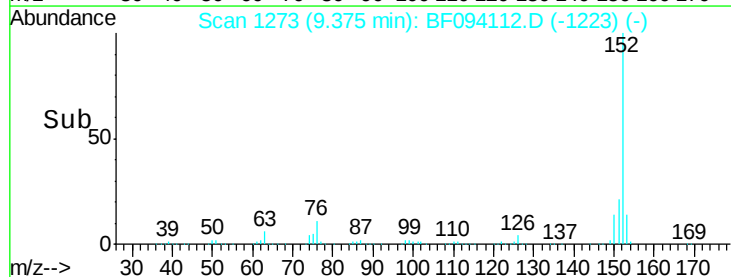
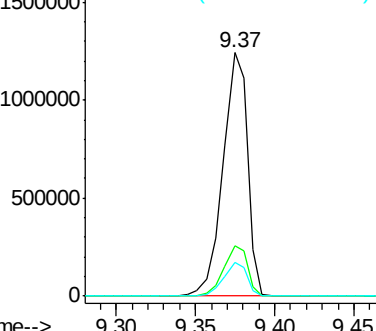


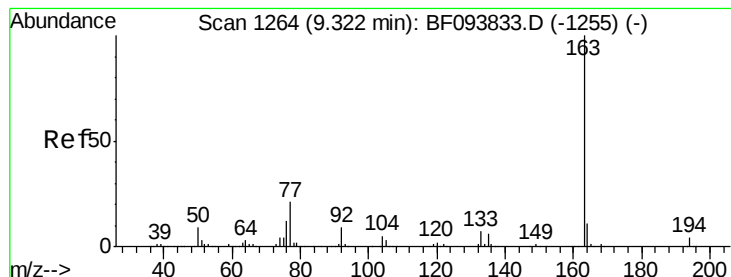
#48
Acenaphthylene
Concen: 39.35 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.7	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.93 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

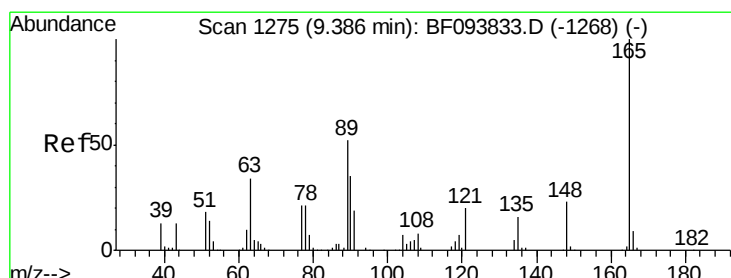
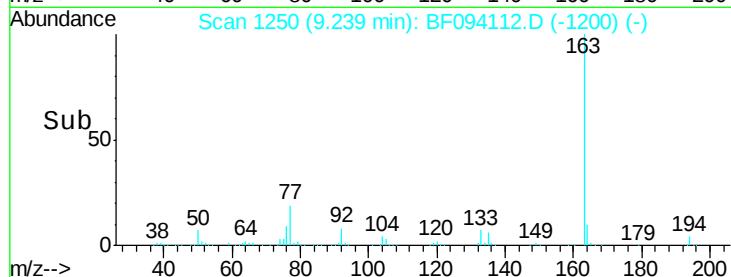
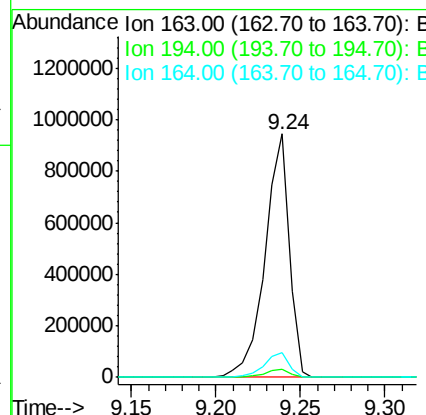
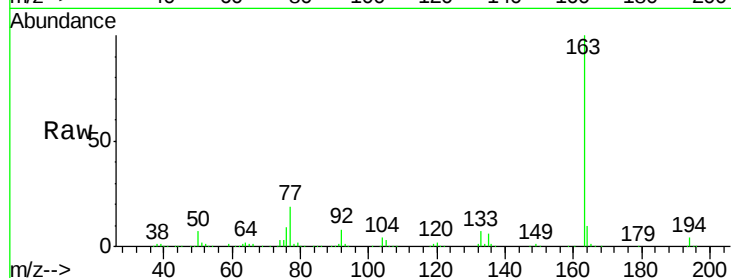
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	942675
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.2	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 32.19 ng

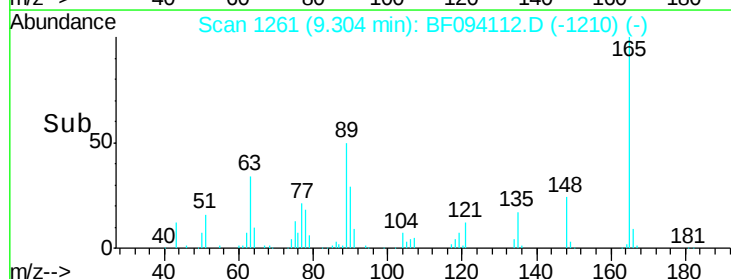
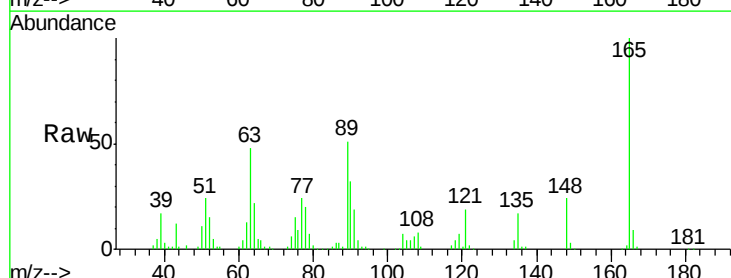
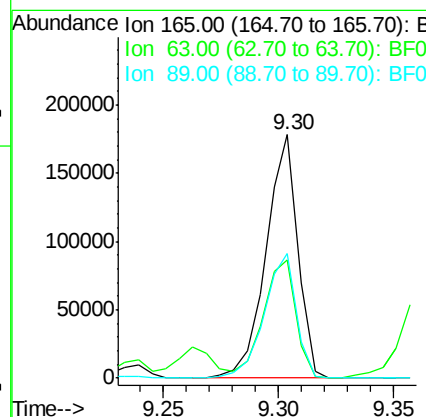
RT: 9.30 min Scan# 1261

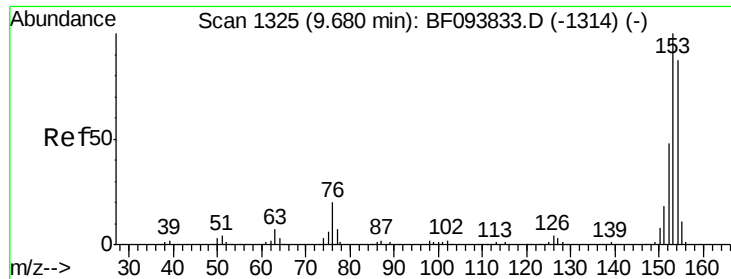
Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Tgt Ion:	165	Resp:	169949
Ion Ratio	Lower	Upper	
165	100		
63	48.4	34.3	51.5
89	51.0	37.1	55.7





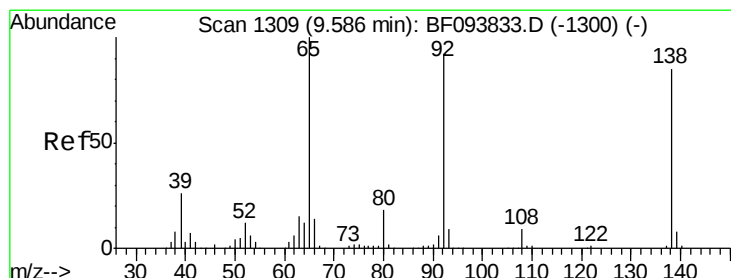
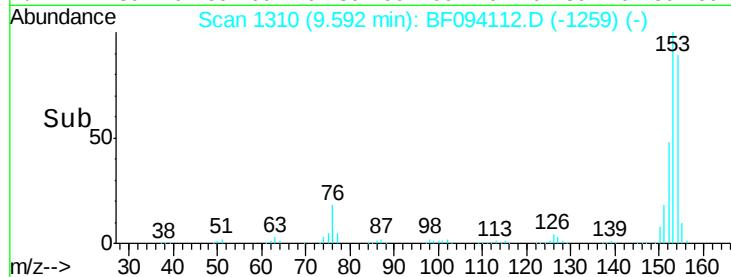
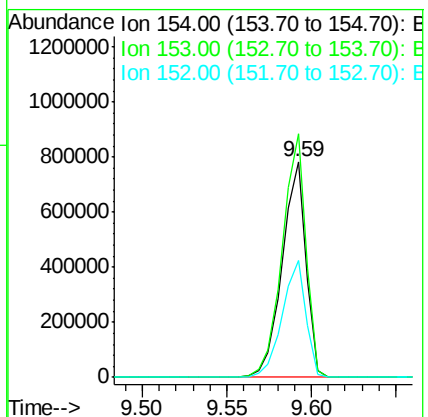
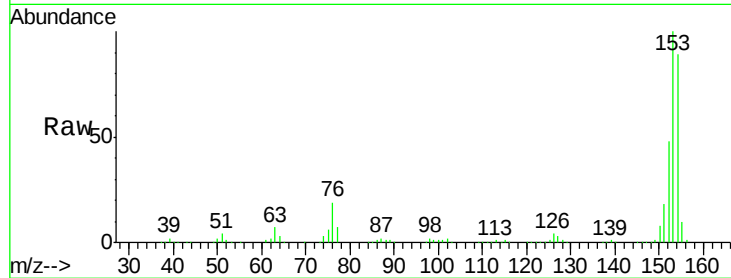
#51
Acenaphthene
Concen: 38.87 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.5	135.7
152	54.4	43.6	65.4

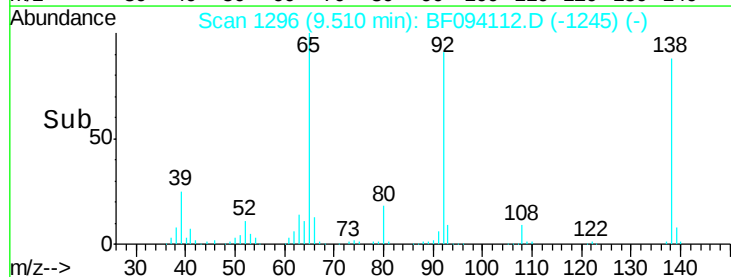
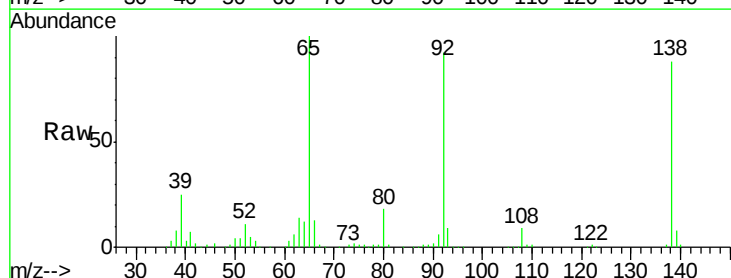
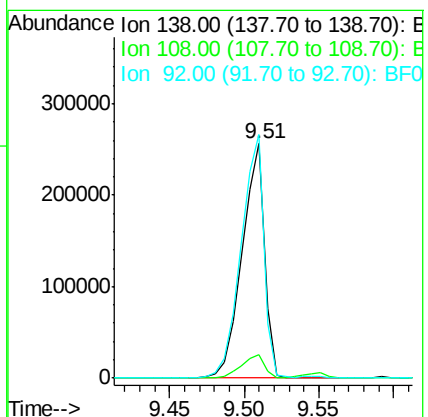
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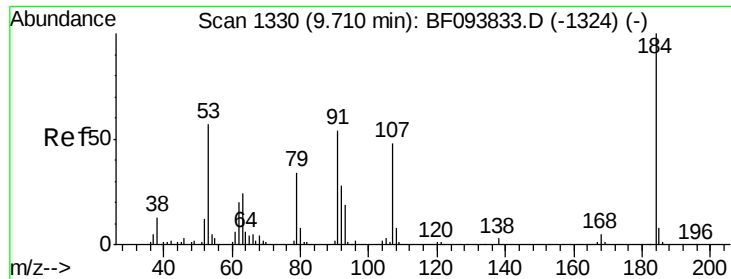
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#52
3-Nitroaniline
Concen: 43.28 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	104.0	93.8	140.6





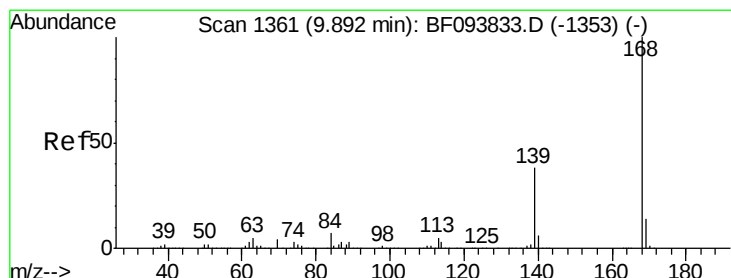
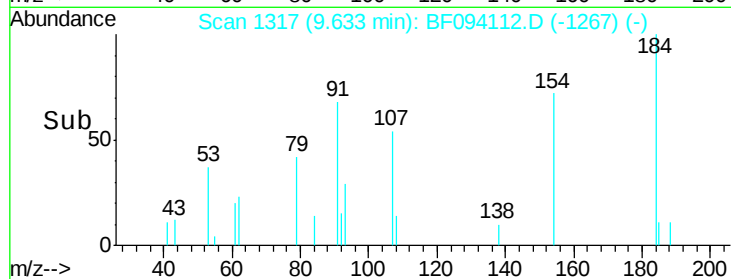
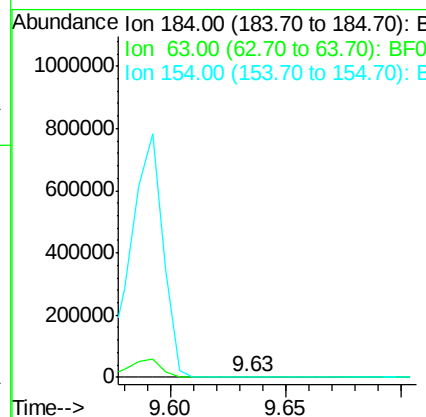
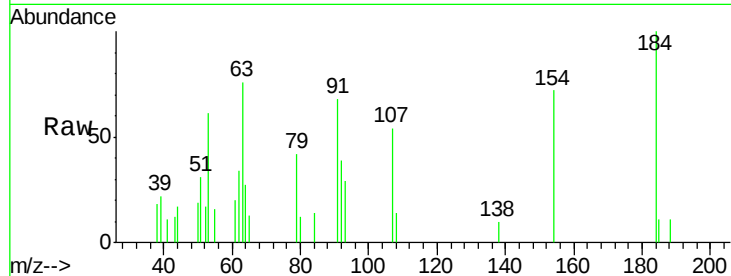
#53
2,4-Dinitrophenol
Concen: 5.97 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.4	62.7	94.1
154	72.1	81.1	121.7

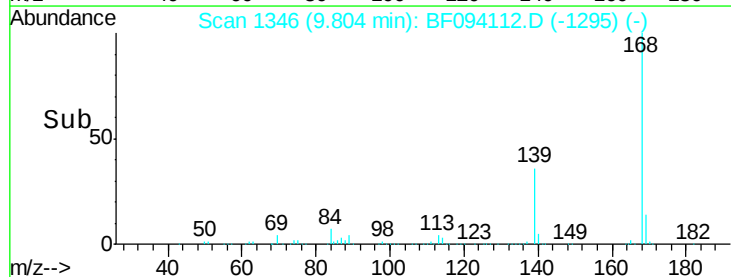
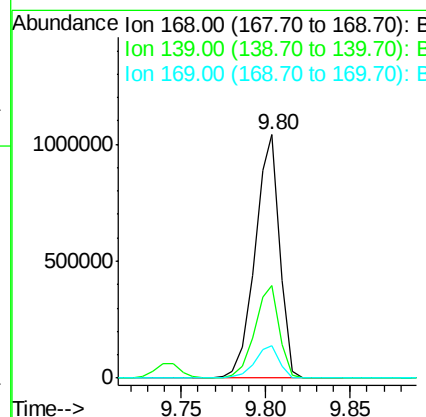
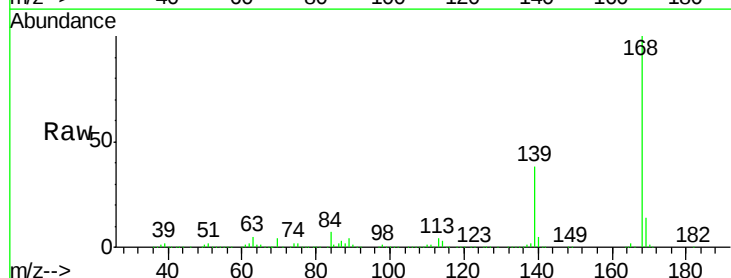
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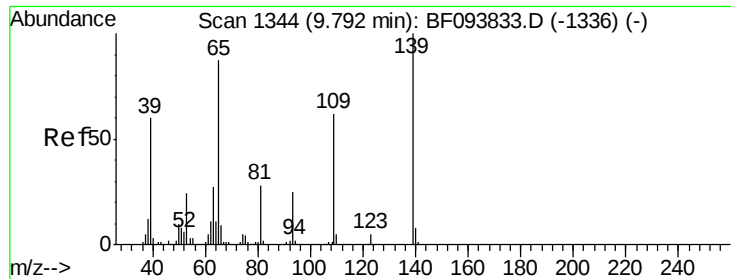
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#54
Dibenzofuran
Concen: 39.09 ng
RT: 9.80 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.6	45.8
169	13.5	10.8	16.2





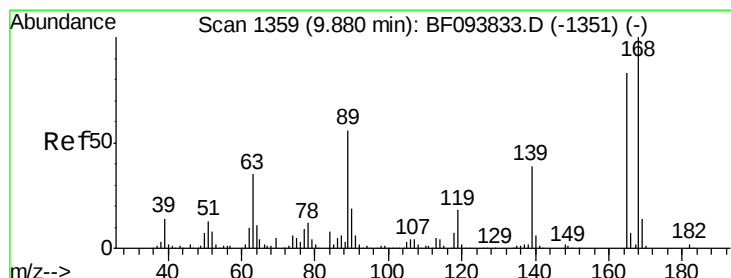
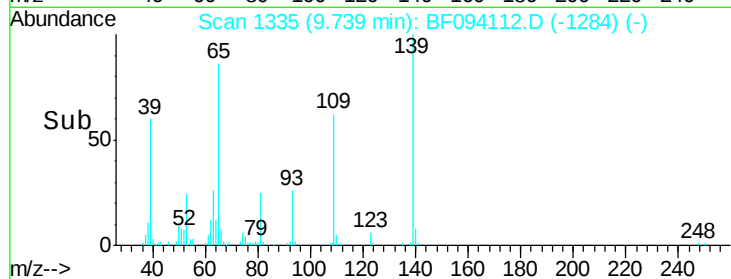
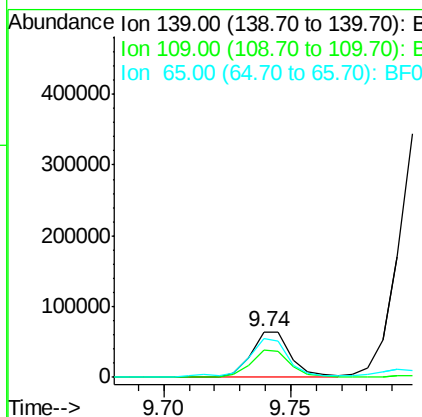
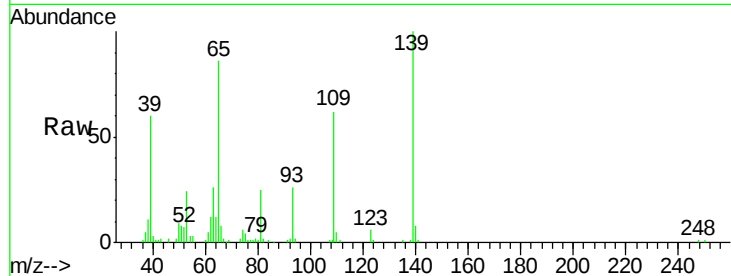
#55
4-Nitrophenol
Concen: 14.46 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.7	34.1	74.1	
65	85.8	31.4	71.4	

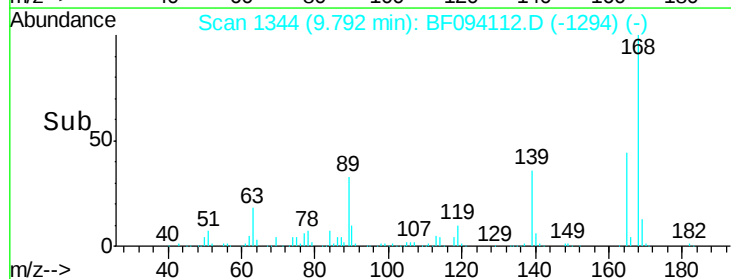
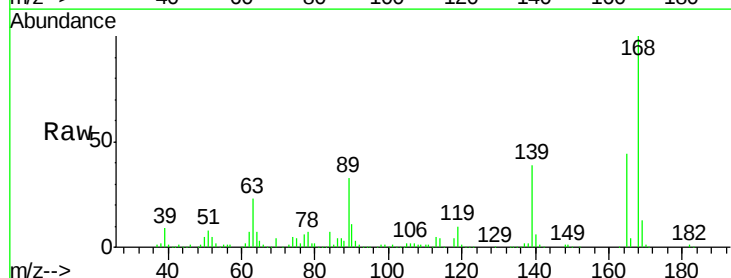
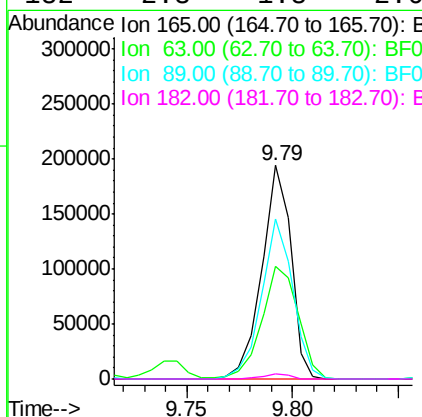
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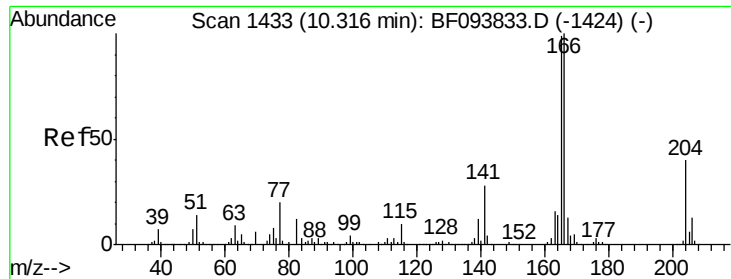
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#56
2,4-Dinitrotoluene
Concen: 28.23 ng
RT: 9.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.6	25.4	38.0	
89	75.0	46.4	69.6	
182	2.3	1.8	2.6	





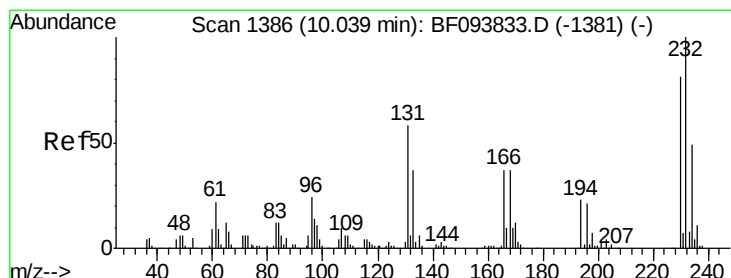
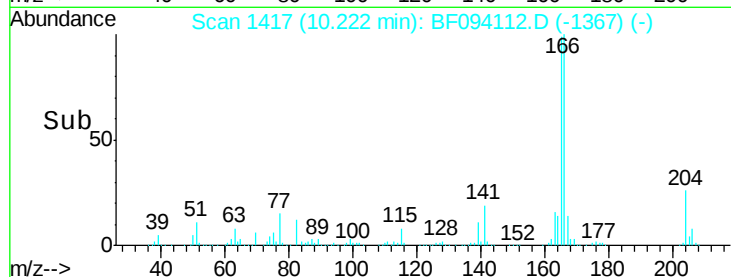
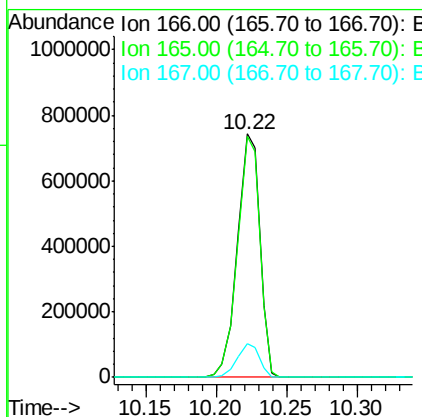
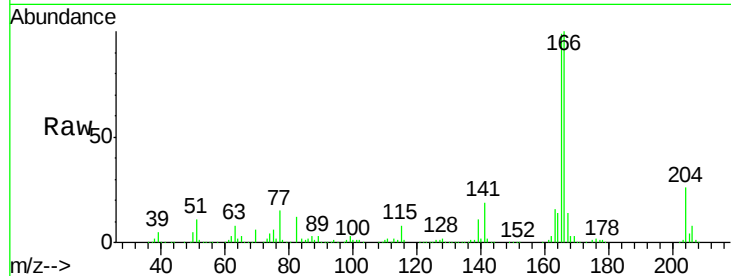
#57
Fluorene
 Concen: 36.87 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	825564		
165	99.0	78.8	118.2	
167	13.7	10.6	16.0	

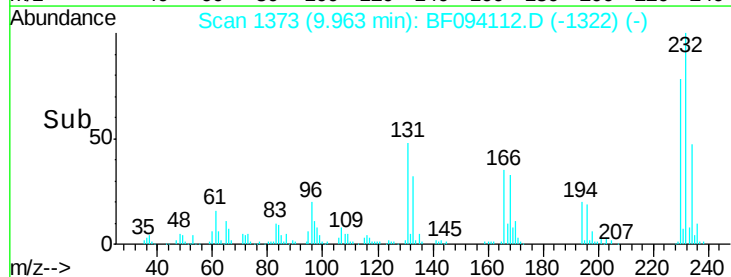
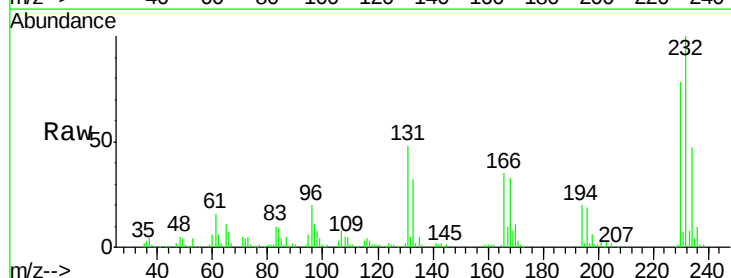
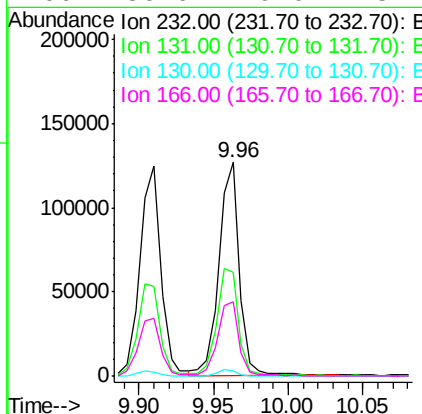
Manual Integrations
 APPROVED

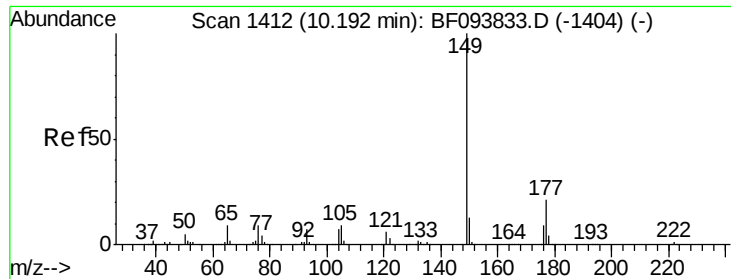
mohammad
 4/3/2017 3:34:52 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 26.16 ng
 RT: 9.96 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	121778		
131	52.5	44.8	67.2	
130	2.7	2.3	3.5	
166	36.6	29.0	43.4	





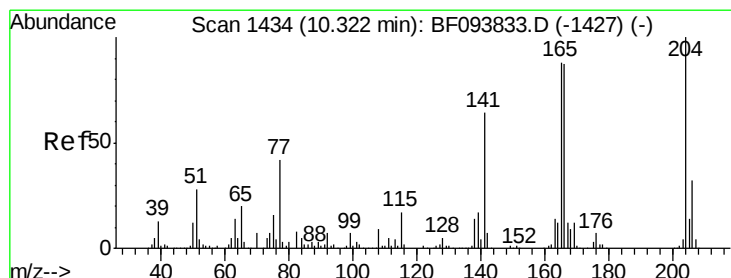
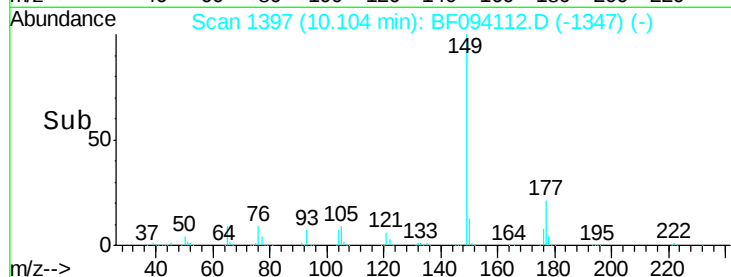
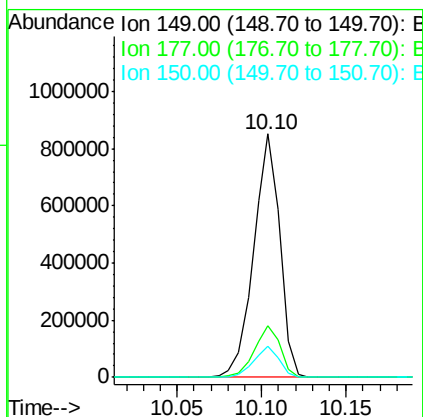
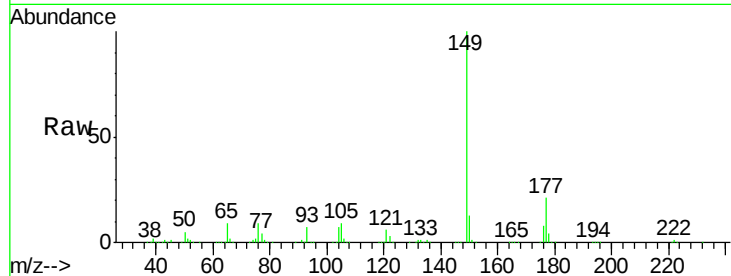
#59
Diethylphthalate
Concen: 40.17 ng
RT: 10.10 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.6	10.2	15.2

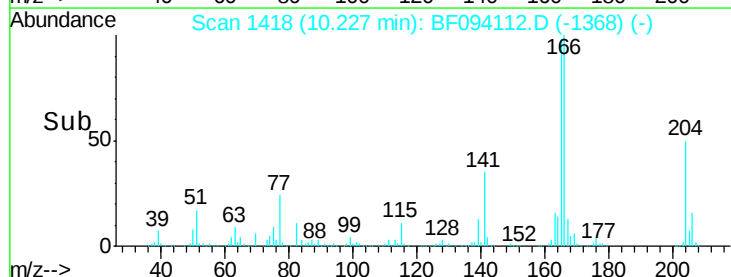
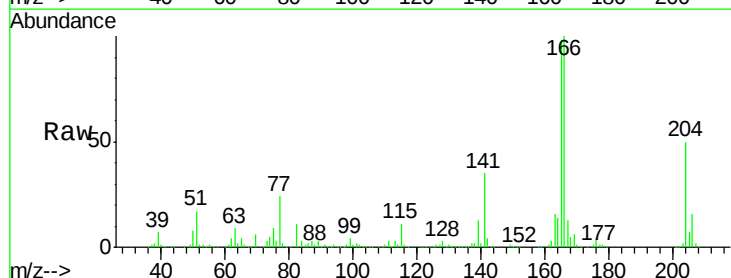
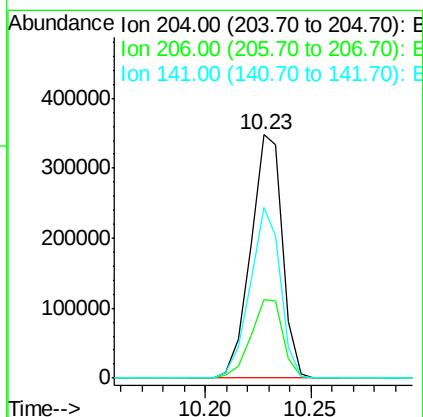
Manual Integrations
APPROVED

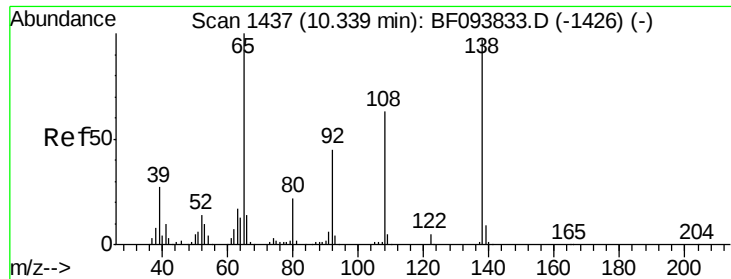
mohammad
4/3/2017 3:34:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.95 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	70.0	60.8	91.2





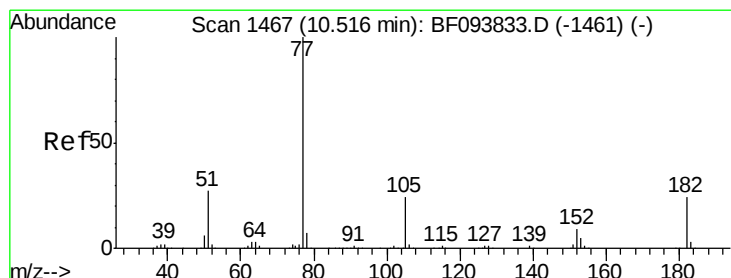
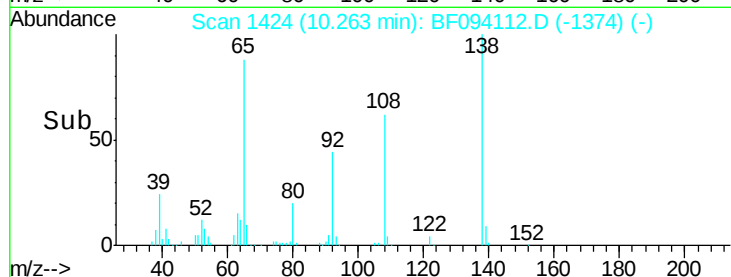
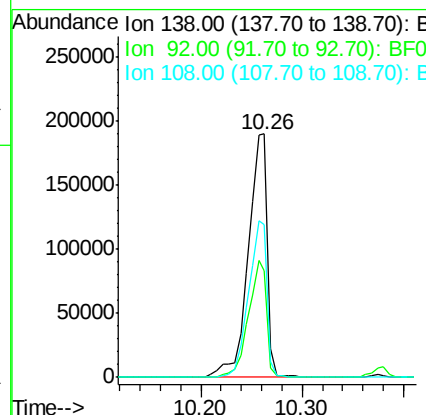
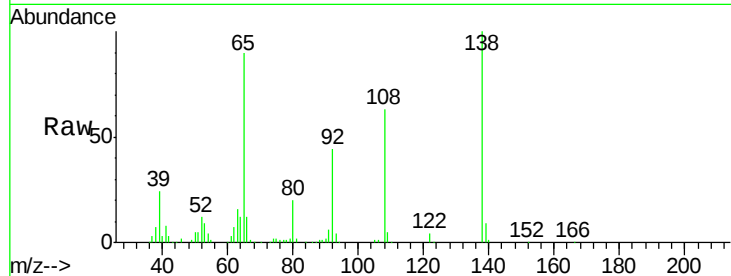
#61
4-Nitroaniline
Concen: 41.74 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.9	21.8	61.8
108	62.9	42.3	82.3

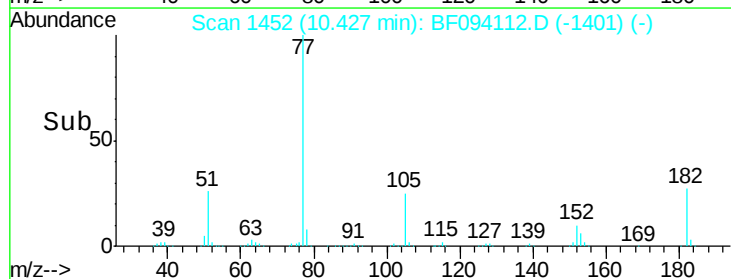
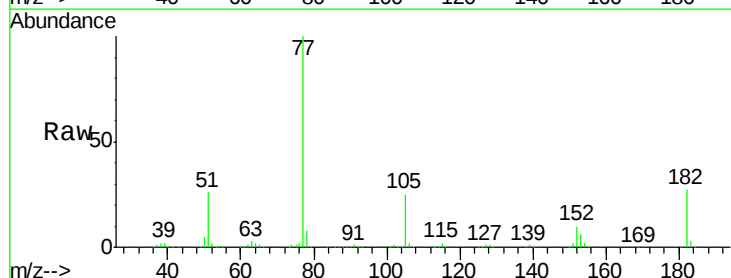
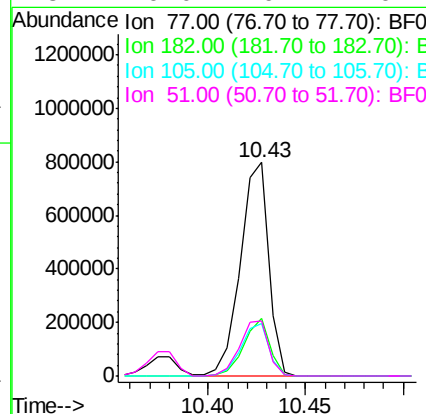
Manual Integrations
APPROVED

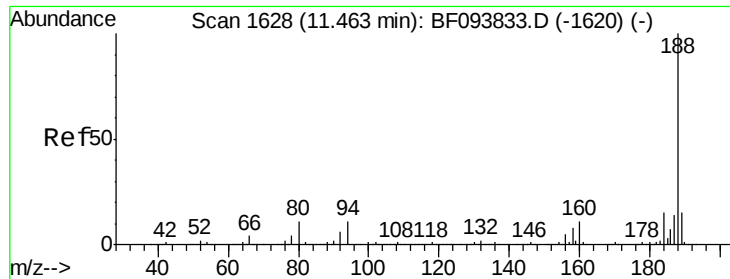
mohammad
4/3/2017 3:34:52 PM



#62
Azobenzene
Concen: 37.36 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.2	0.1	40.1
105	24.5	3.6	43.6
51	26.0	9.4	49.4





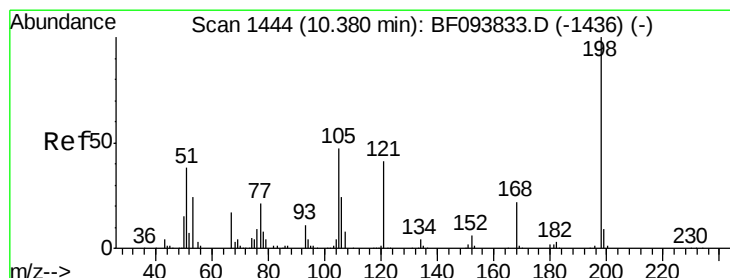
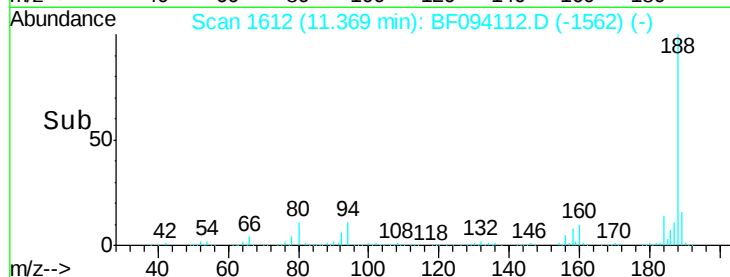
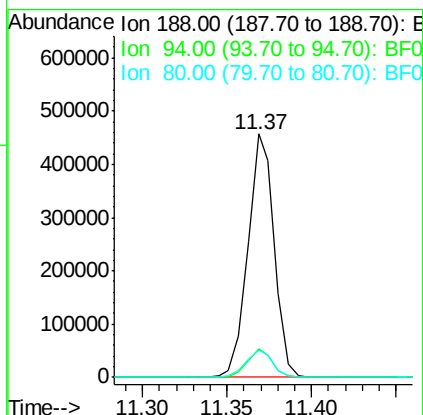
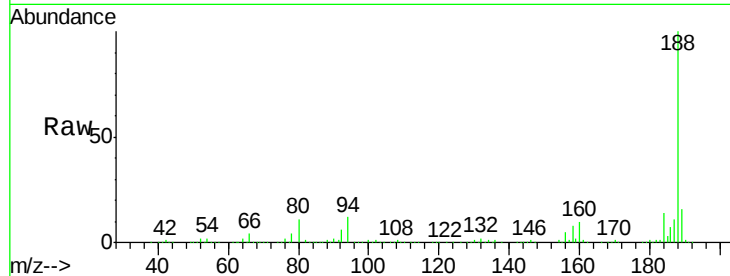
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	494522		
94	11.6		9.4	14.2
80	11.1		10.2	15.2

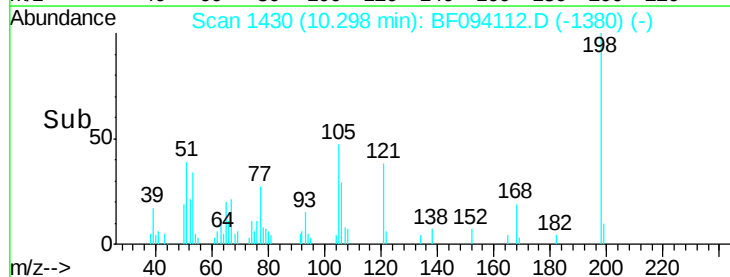
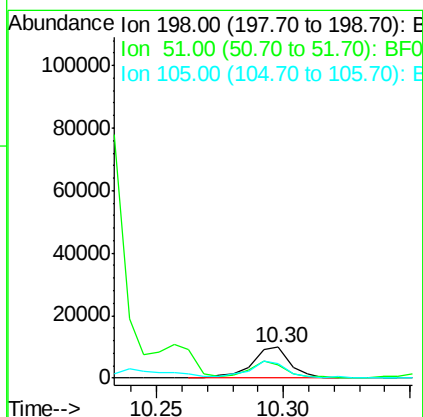
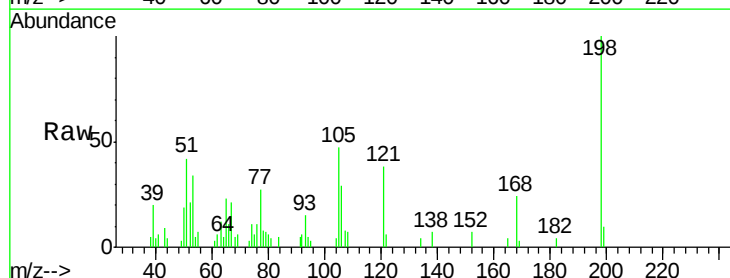
Manual Integrations
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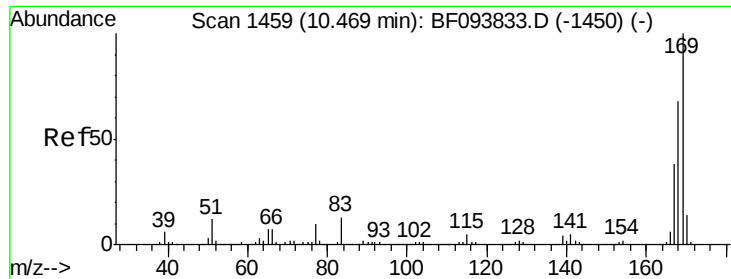
mohammad
4/3/2017 3:34:52 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 3.45 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	10456		
51	41.8		53.2	93.2#
105	46.6		45.8	85.8





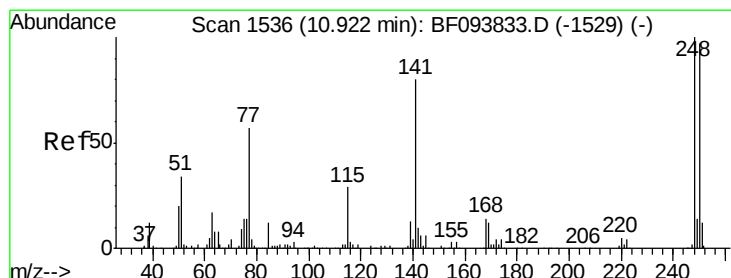
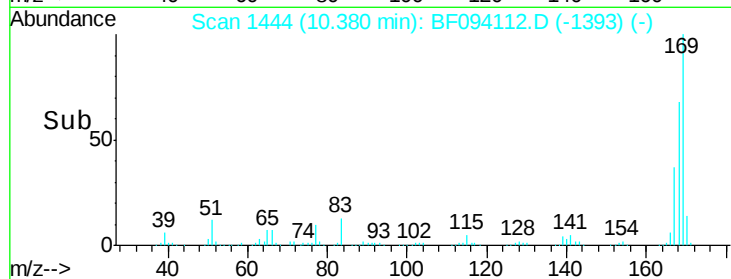
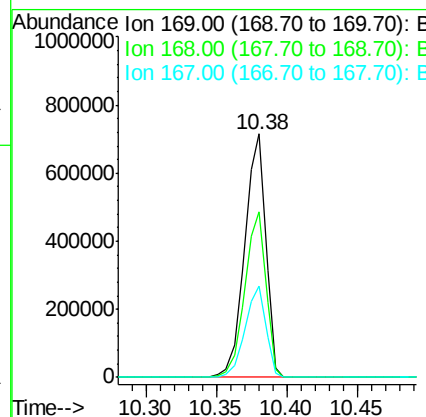
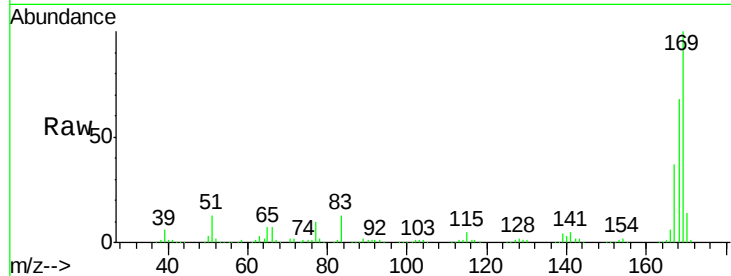
#65
n-Nitrosodiphenylamine
Concen: 43.50 ng
RT: 10.38 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.2	79.8
167	37.4	29.5	44.3

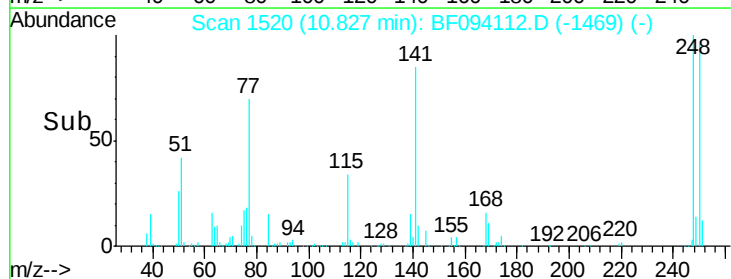
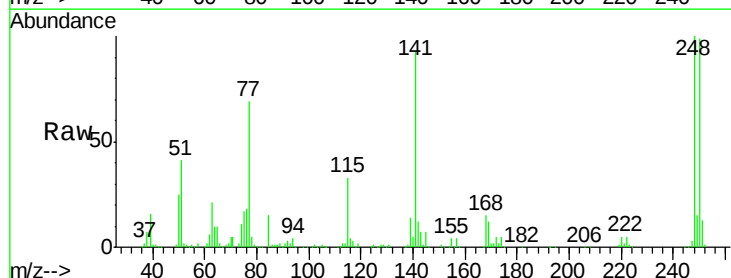
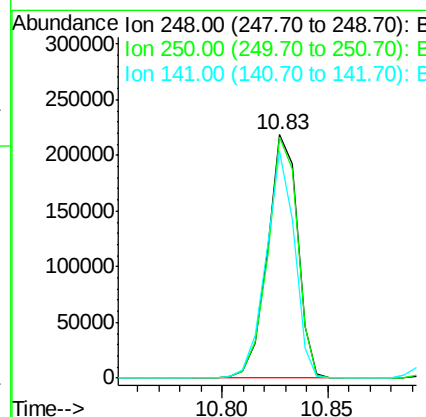
Manual Integrations
APPROVED

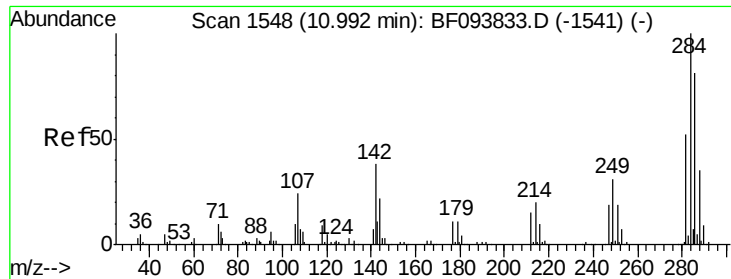
mohammad
4/3/2017 3:34:52 PM



#66
4-Bromophenyl-phenylether
Concen: 44.92 ng
RT: 10.83 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.8	115.2
141	93.1	68.6	103.0





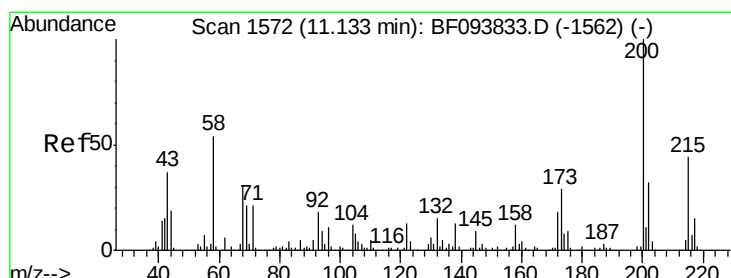
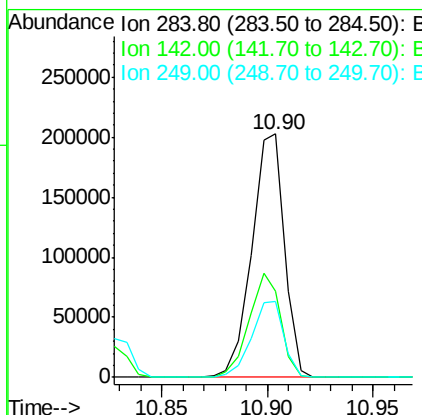
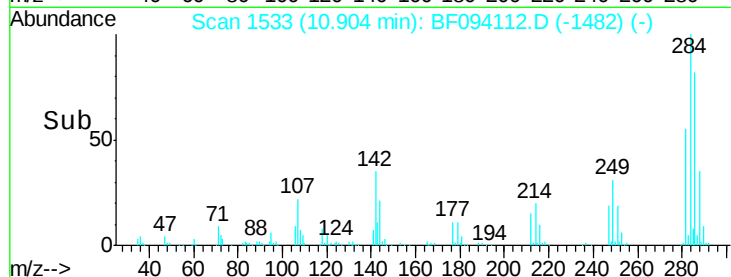
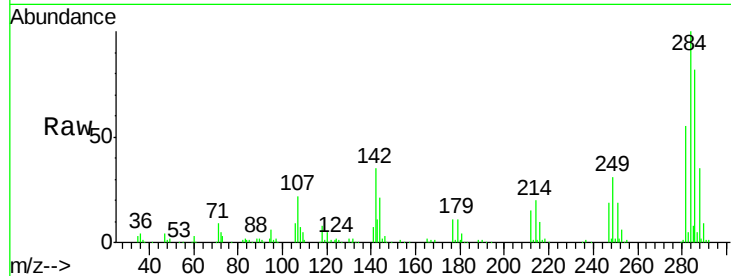
#67
Hexachlorobenzene
Concen: 44.38 ng
RT: 10.90 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	218516		
142	35.3	22.8	34.2	
249	31.4	24.0	36.0	

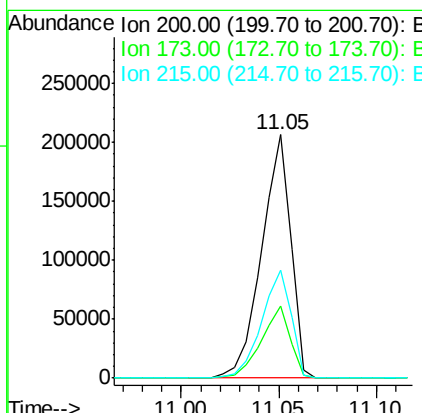
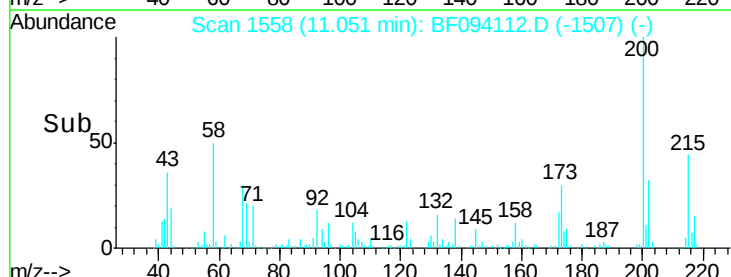
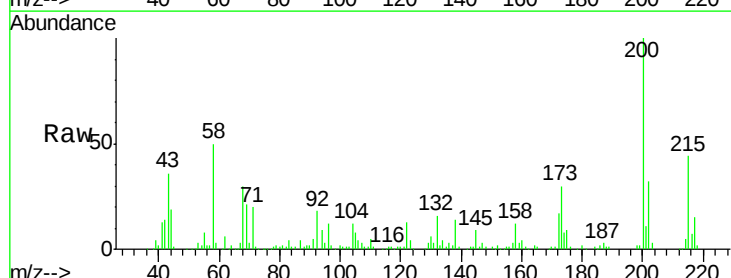
Manual Integrations
APPROVED

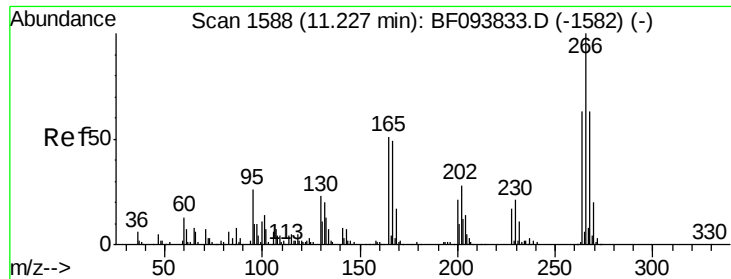
mohammad
4/3/2017 3:34:52 PM



#68
Atrazine
Concen: 41.68 ng
RT: 11.05 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	213490		
173	29.8	6.3	46.3	
215	44.4	27.2	67.2	





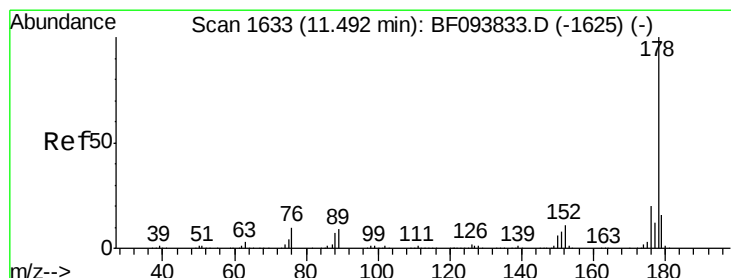
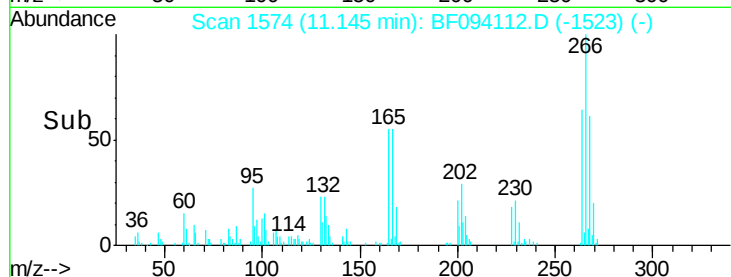
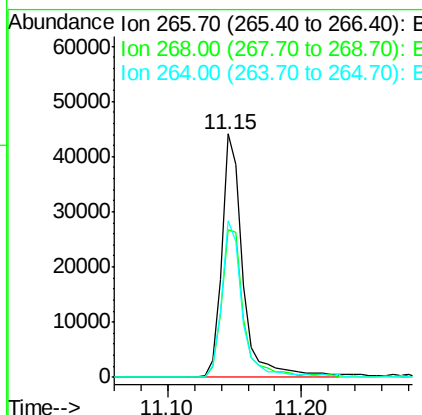
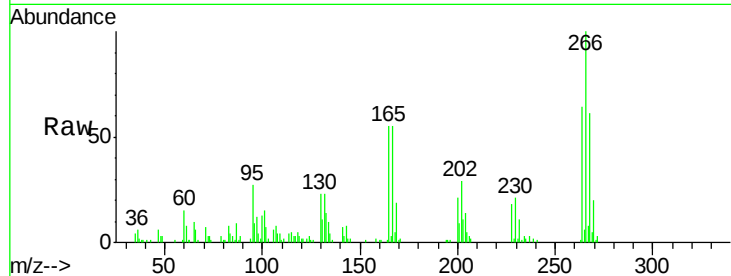
#69
 Pentachlorophenol
 Concen: 16.05 ng
 RT: 11.15 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.5	51.1	76.7
264	64.1	51.7	77.5

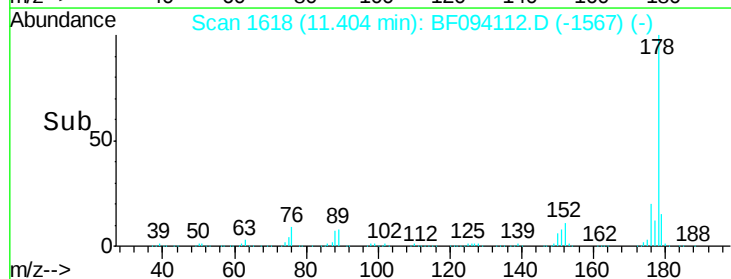
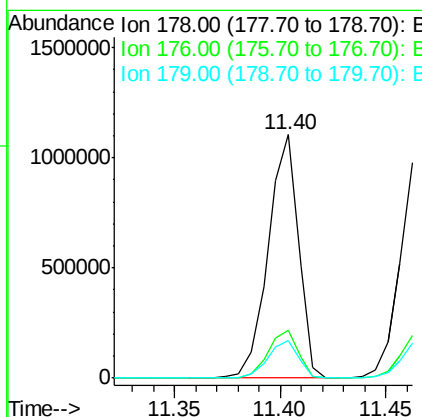
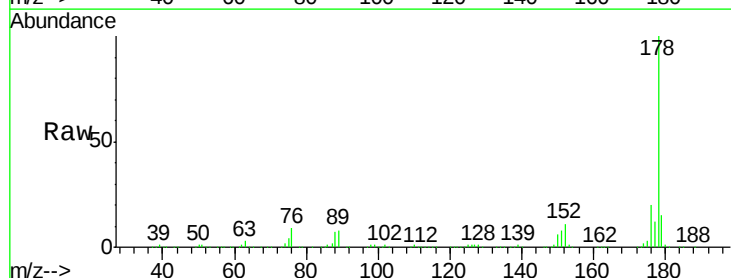
Manual Integrations
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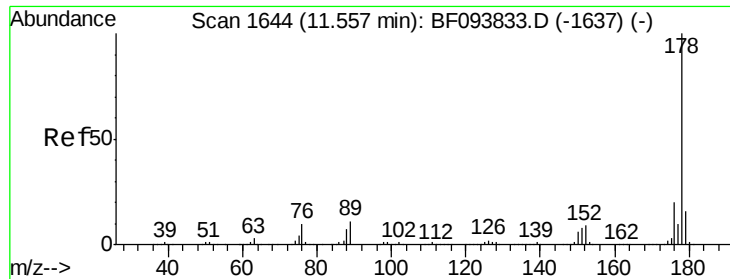
mohammad
 4/3/2017 3:34:52 PM



#70
 Phenanthrene
 Concen: 40.06 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.3	12.6	19.0





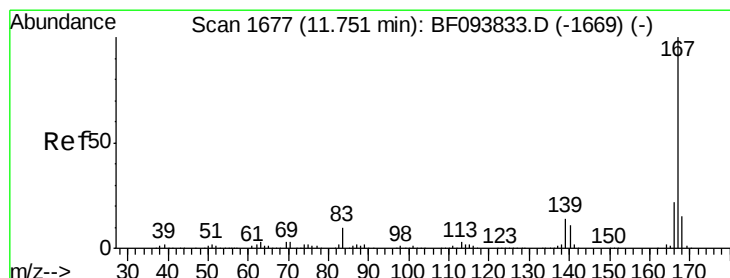
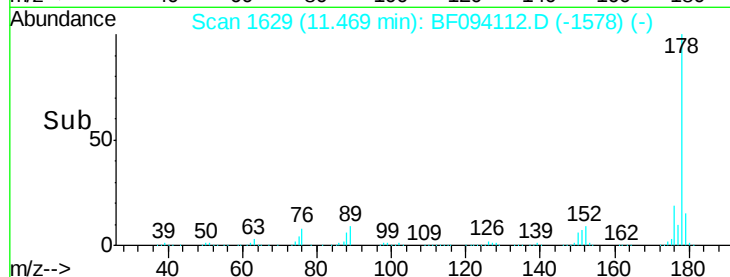
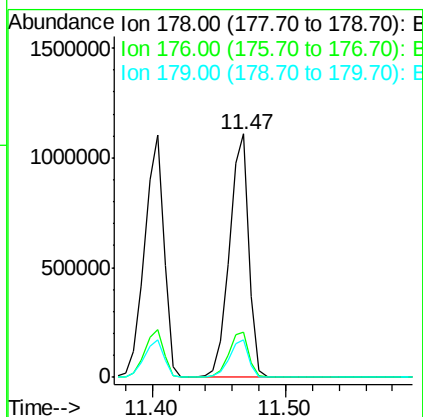
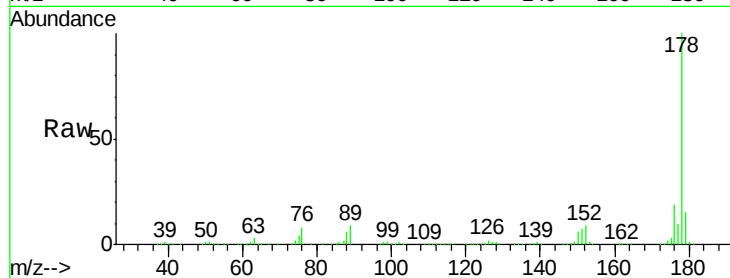
#71
 Anthracene
 Concen: 40.00 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.4	12.7	19.1

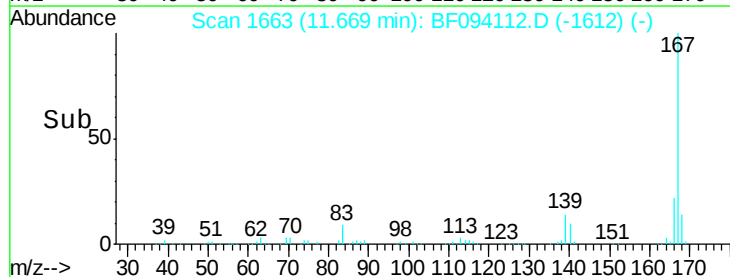
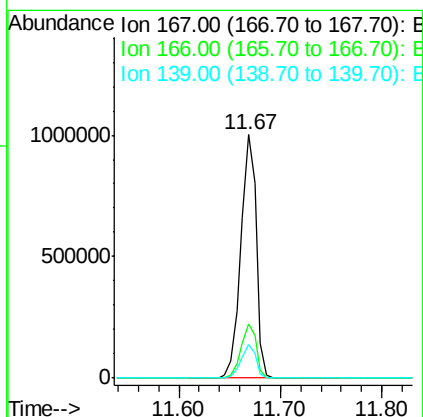
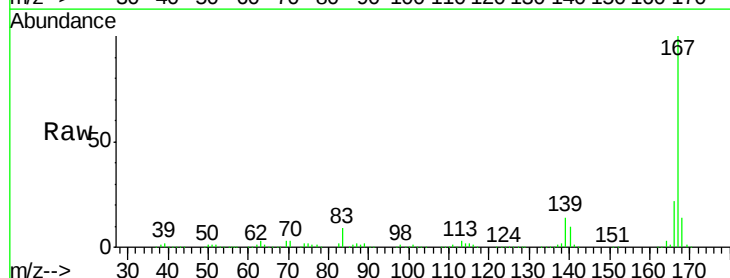
Manual Integrations
 APPROVED

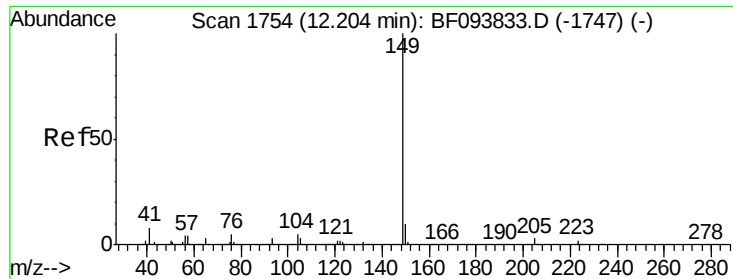
mohammad
 4/3/2017 3:34:52 PM



#72
 Carbazole
 Concen: 36.31 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.8	11.7	17.5





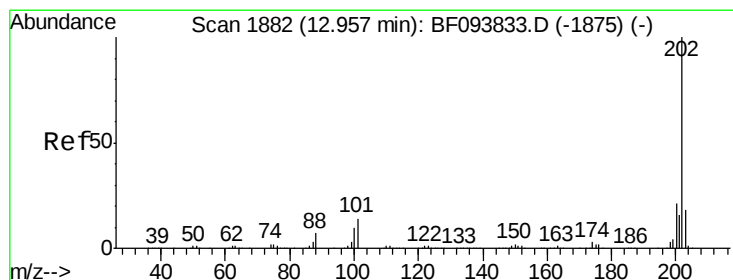
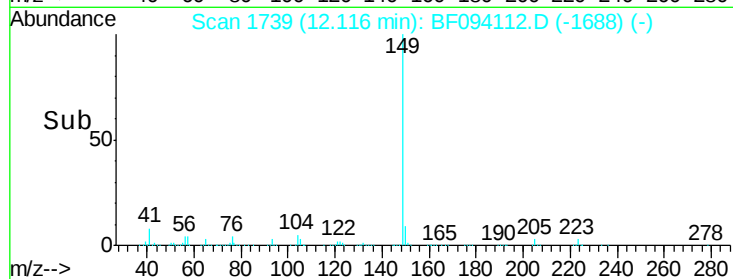
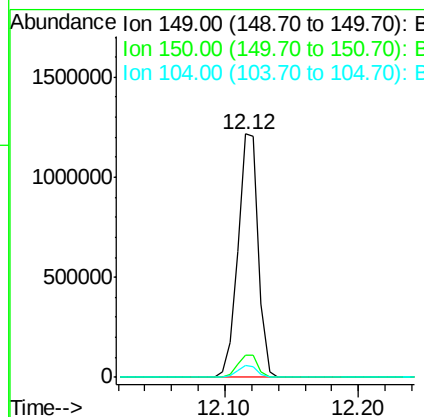
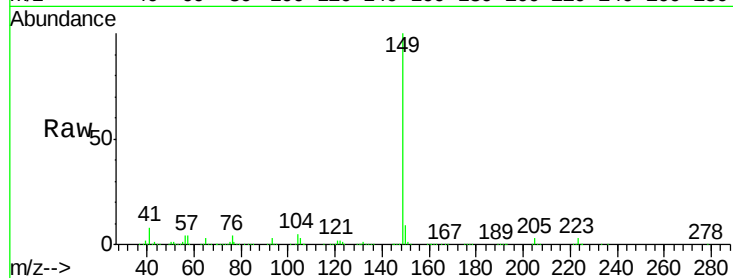
#73
Di-n-butylphthalate
Concen: 42.76 ng
RT: 12.12 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.7	4.0	6.0

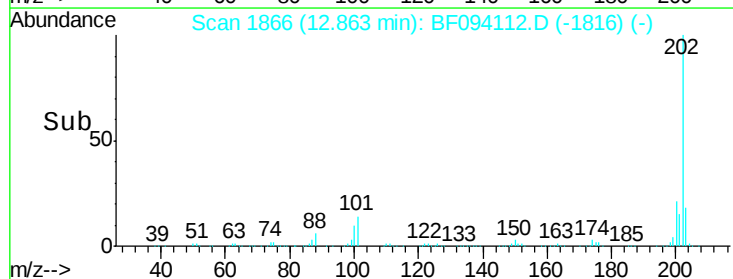
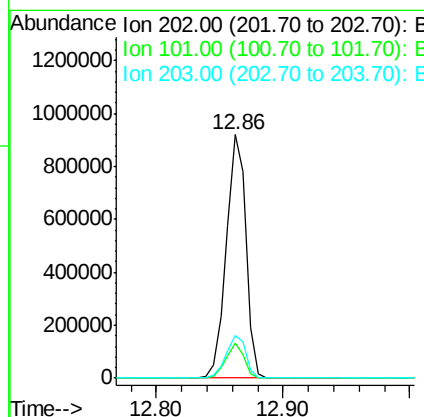
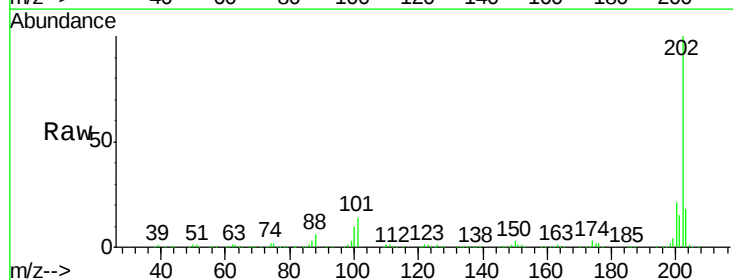
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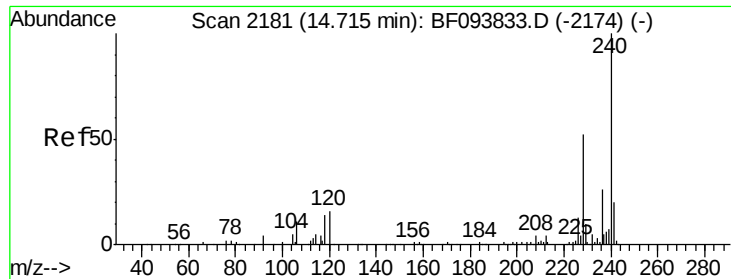
mohammad
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#74
Fluoranthene
Concen: 34.86 ng
RT: 12.86 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.7	0.0	38.1





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.63 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 341845

Ion Ratio Lower Upper

240 100

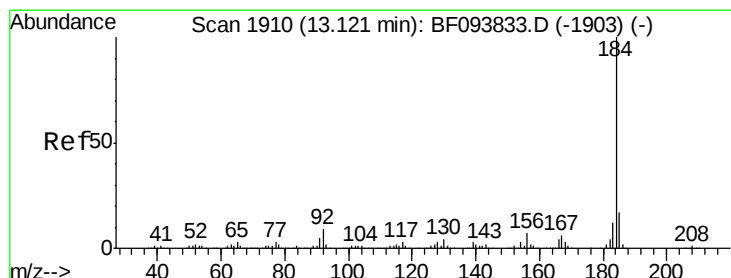
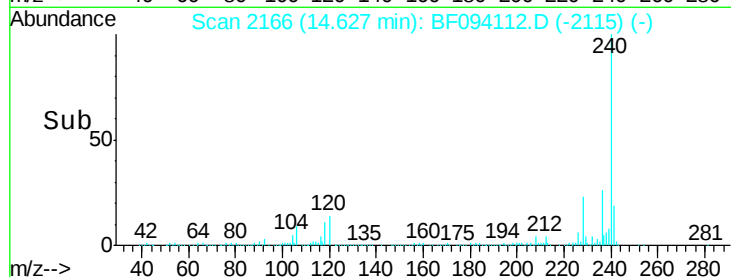
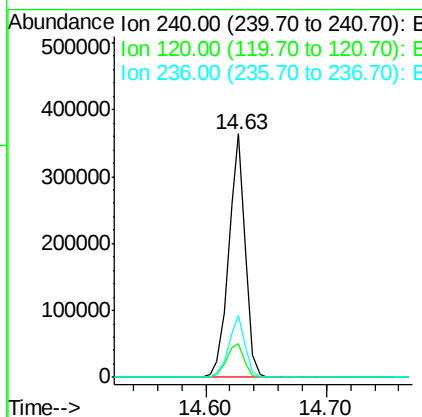
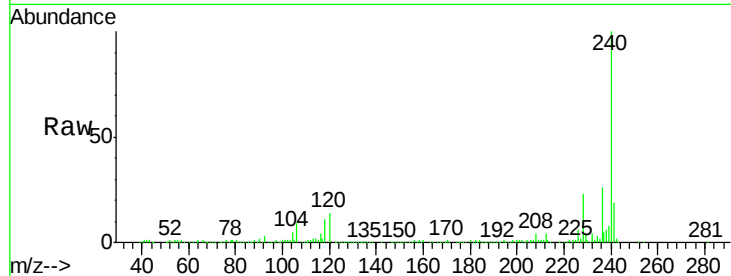
120 13.8 5.8 8.8#

236 25.5 20.5 30.7

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#76

Benzidine

Concen: 19.54 ng

RT: 13.03 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

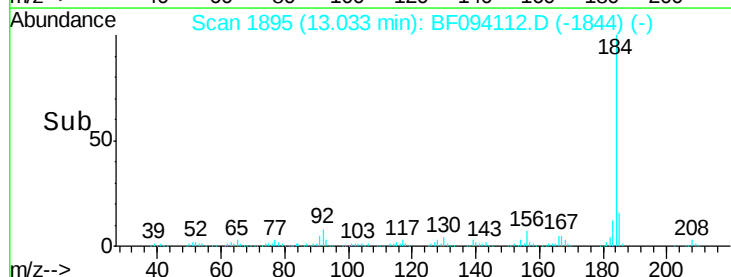
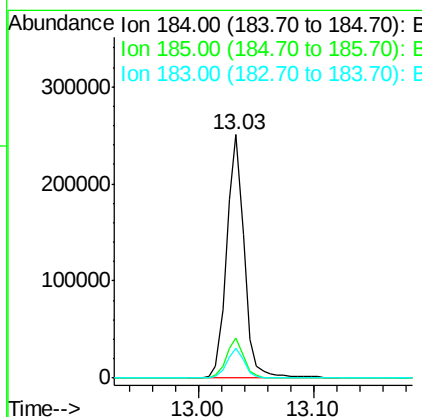
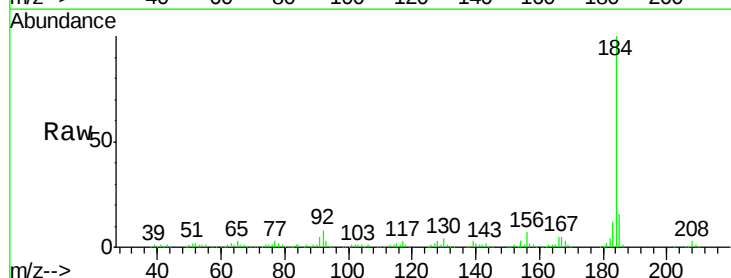
Tgt Ion:184 Resp: 264351

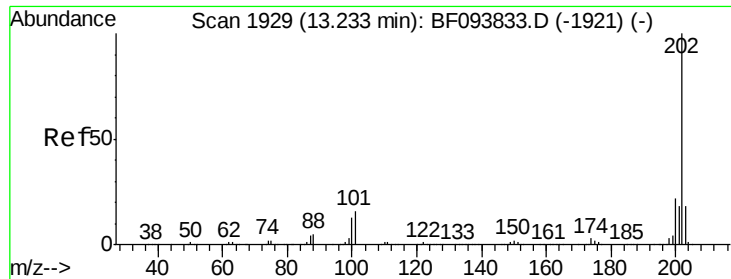
Ion Ratio Lower Upper

184 100

185 16.3 15.5 23.3

183 12.1 9.8 14.6





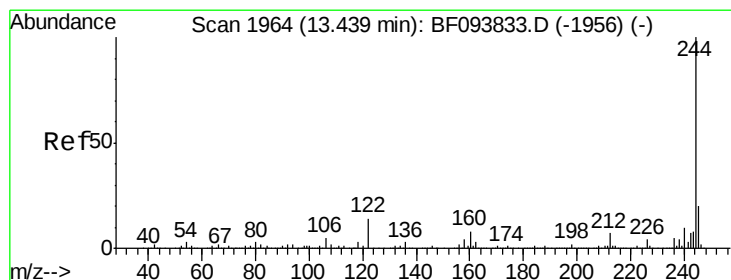
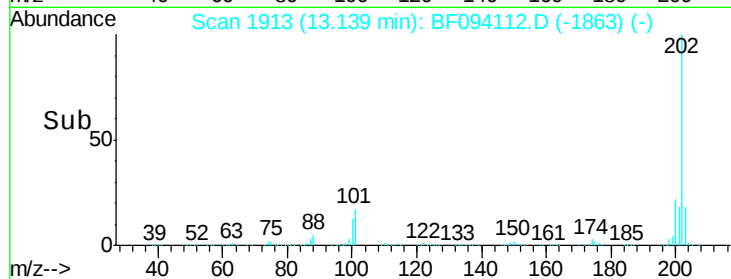
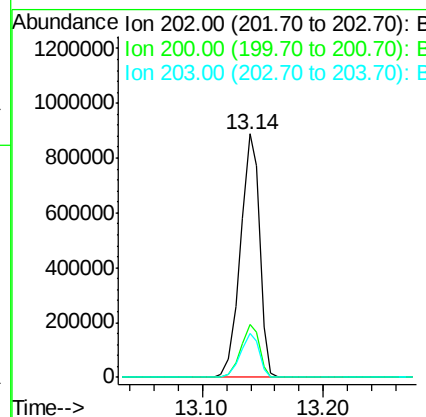
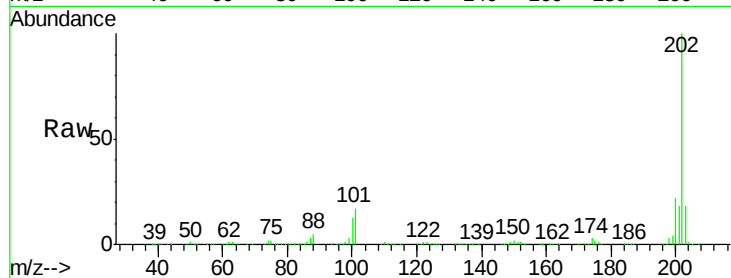
#77
Pvrene
Concen: 39.60 ng
RT: 13.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.0	14.4	21.6

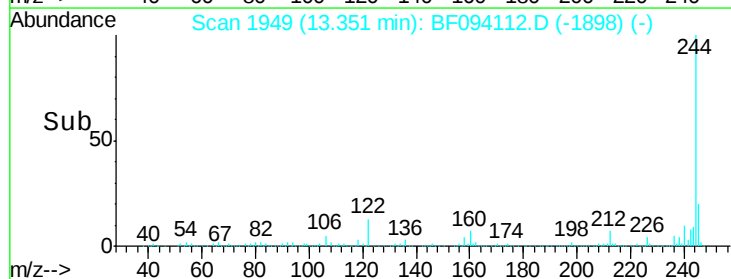
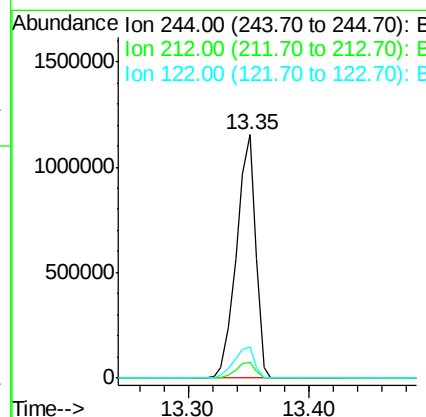
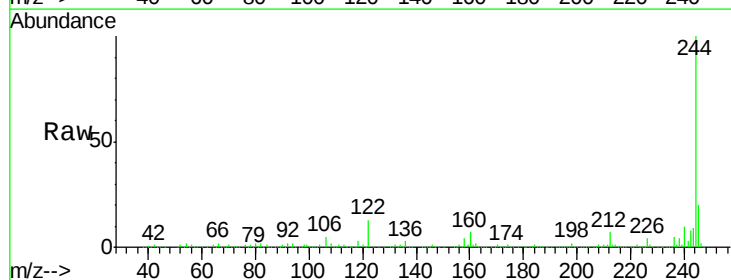
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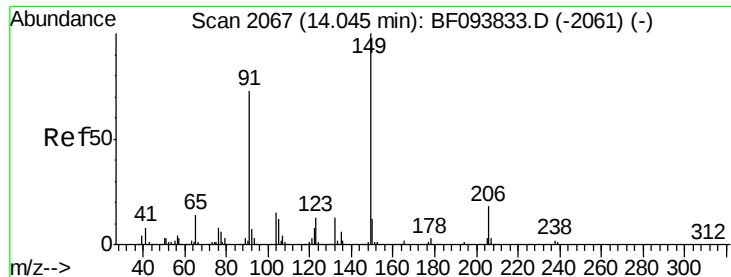
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#78
Terphenyl-d14
Concen: 83.93 ng
RT: 13.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.0	10.3	15.5





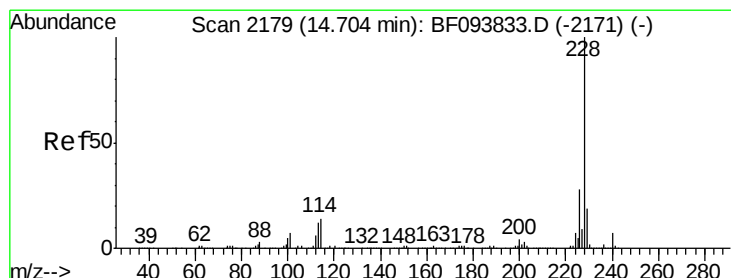
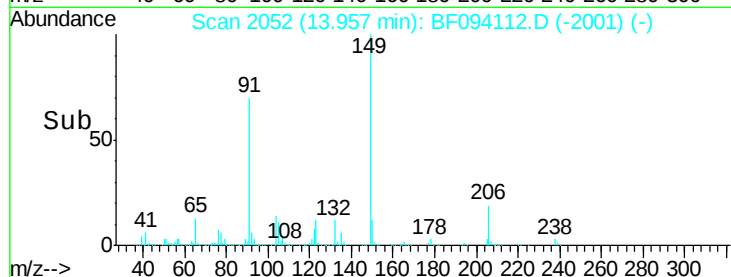
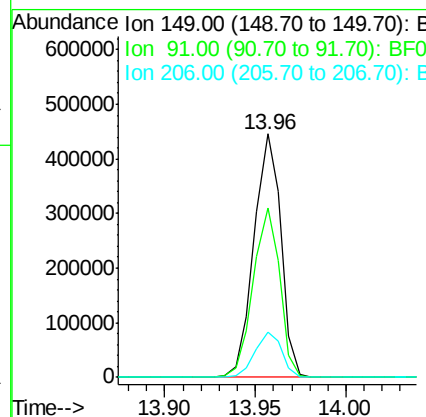
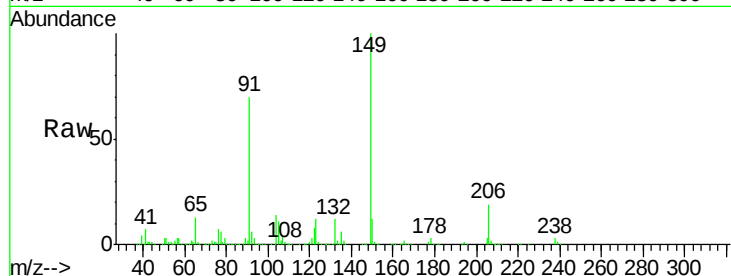
#79
Butylbenzylphthalate
Concen: 43.55 ng
RT: 13.96 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	460369		
91	69.8	45.0	67.4#	
206	18.8	17.0	25.6	

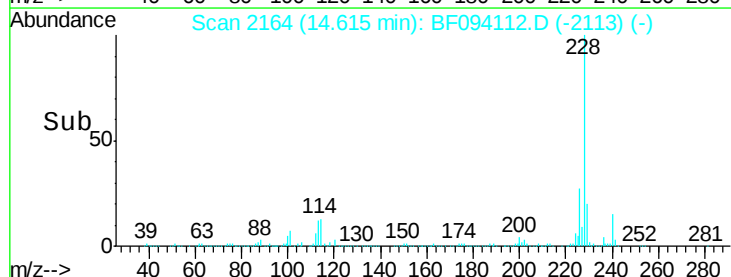
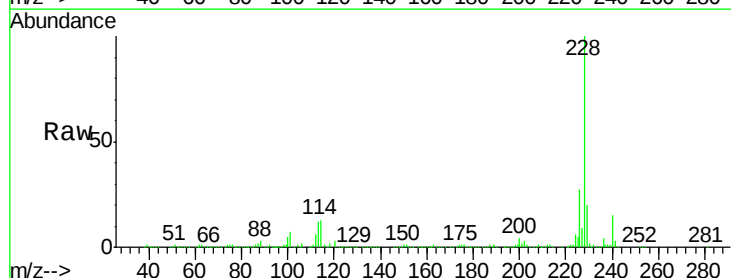
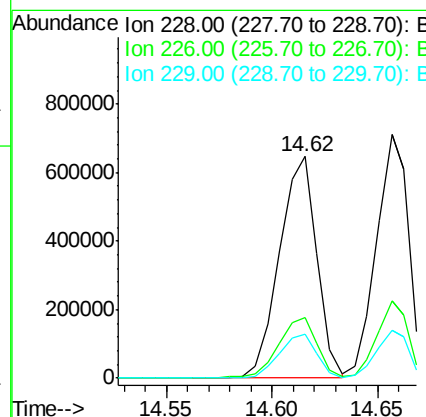
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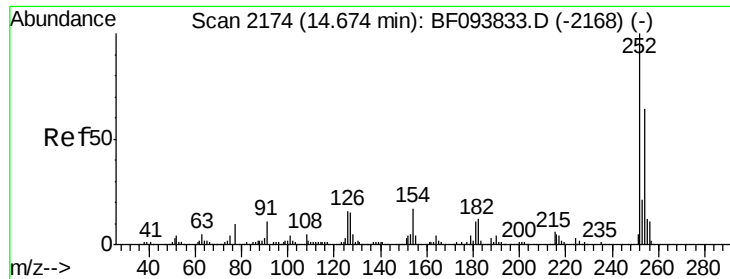
mohammad
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#80
Benzo(a)anthracene
Concen: 40.06 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	798505		
226	27.2	22.6	33.8	
229	19.7	16.3	24.5	





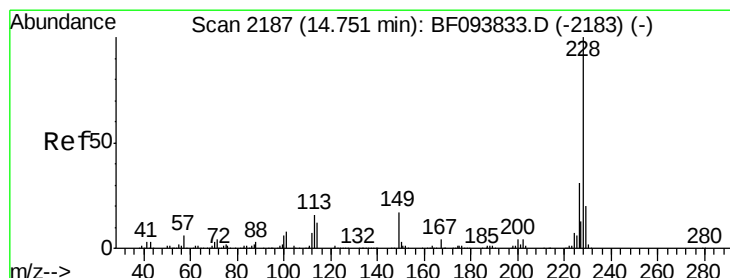
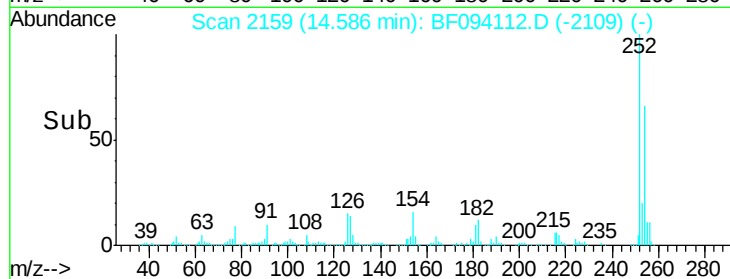
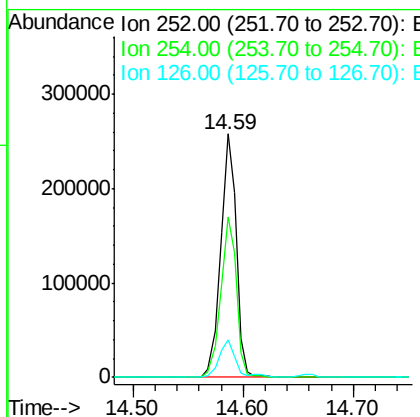
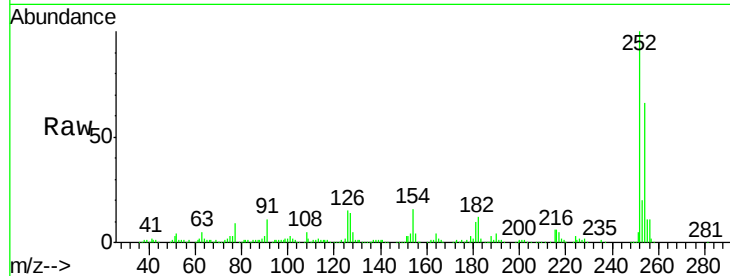
#81
 3,3'-Dichlorobenzidine
 Concen: 35.85 ng
 RT: 14.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	51.5	77.3
126	15.4	15.8	23.8

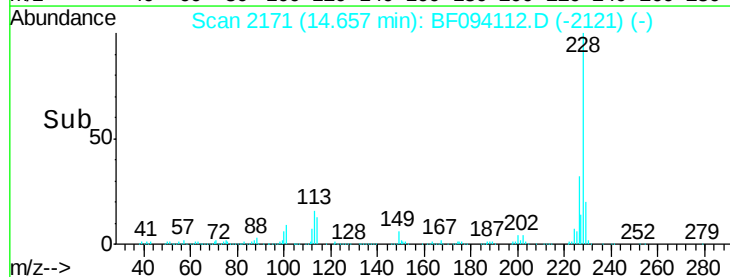
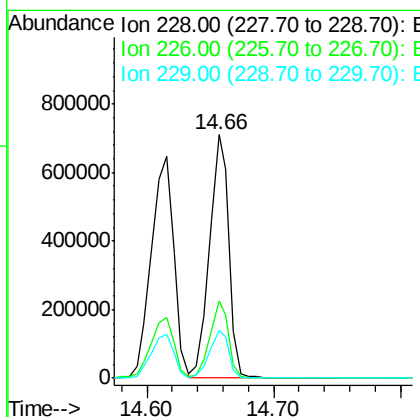
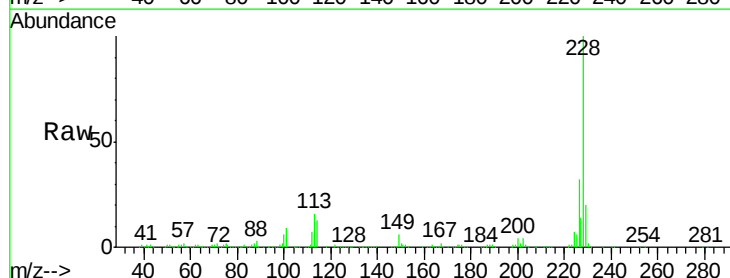
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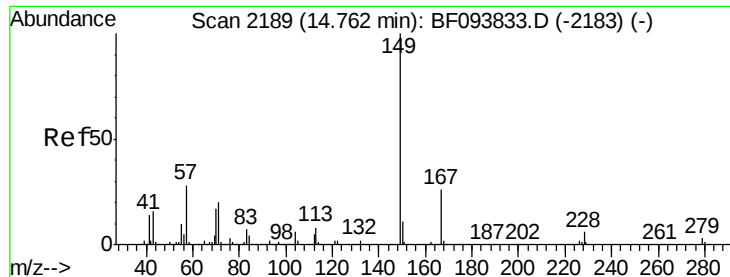
mohammad
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#82
 Chrysene
 Concen: 41.25 ng
 RT: 14.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094112.D
 Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.05 ng

RT: 14.67 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Instrument :

BNA_F

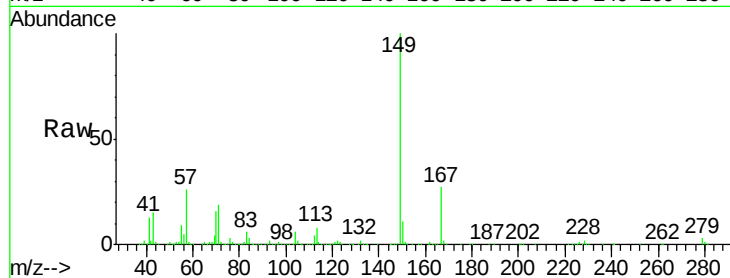
ClientSampleId :

SSTDCCC040

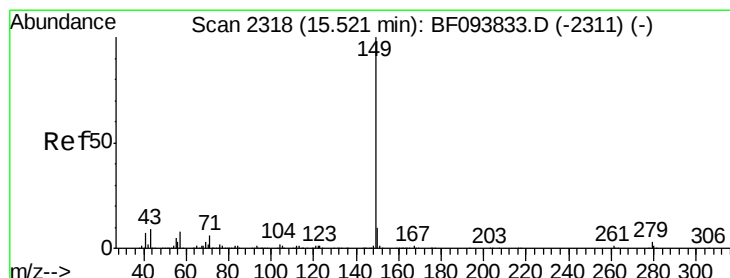
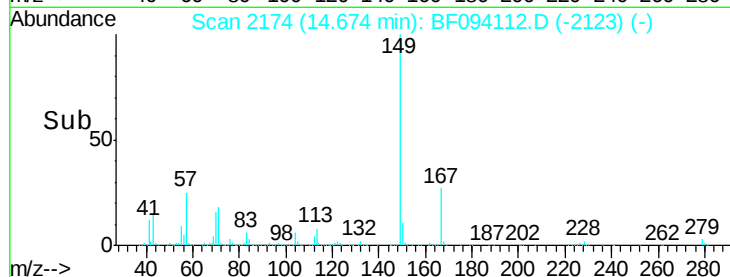
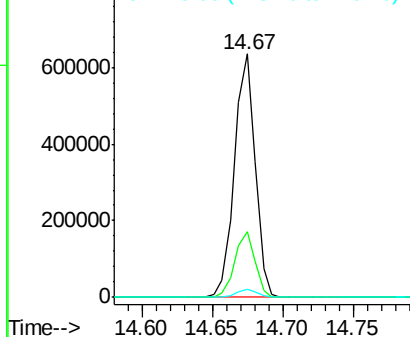
Tot Ion:	149	Resp:	649752
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	3.1	1.9	2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.40 ng

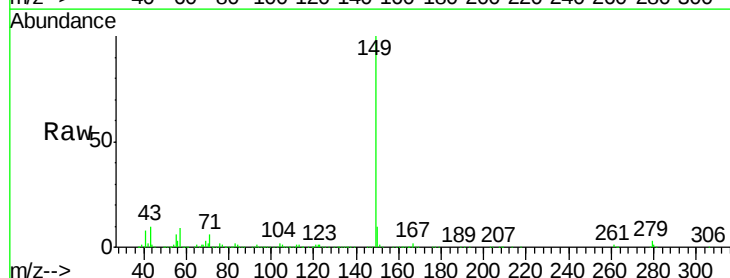
RT: 15.43 min Scan# 2302

Delta R.T. -0.00 min

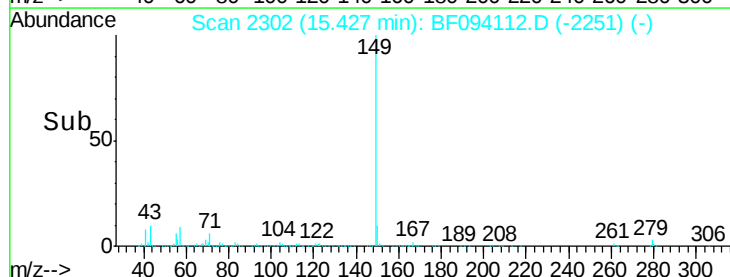
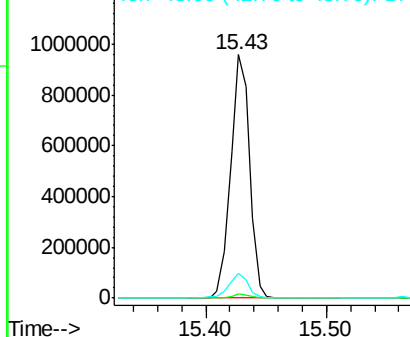
Lab File: BF094112.D

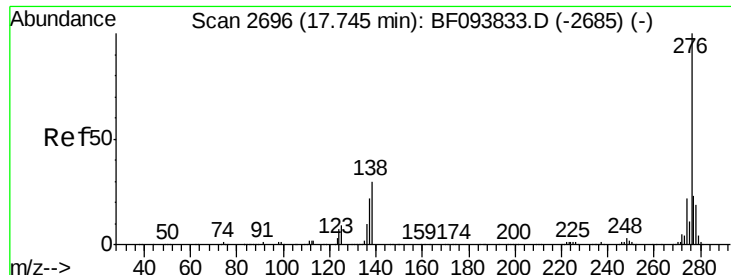
Acq: 1 Apr 2017 00:55

Tgt Ion:	149	Resp:	1045650
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





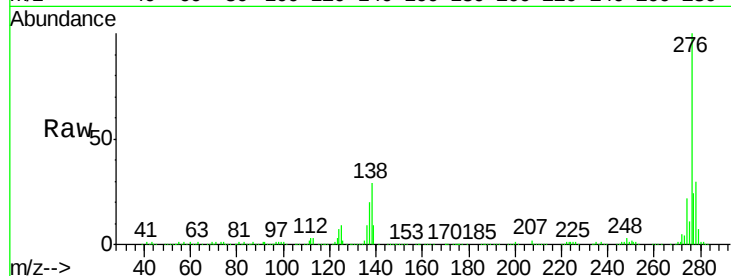
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.06 ng
RT: 17.61 min Scan# 2673
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

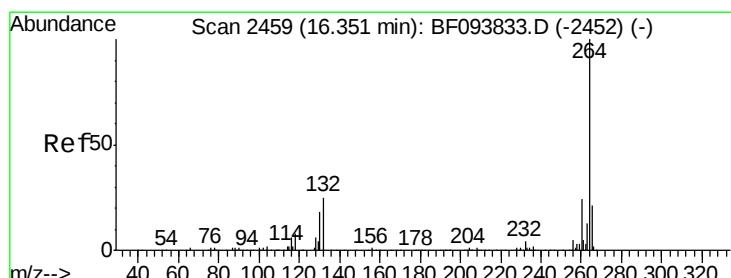
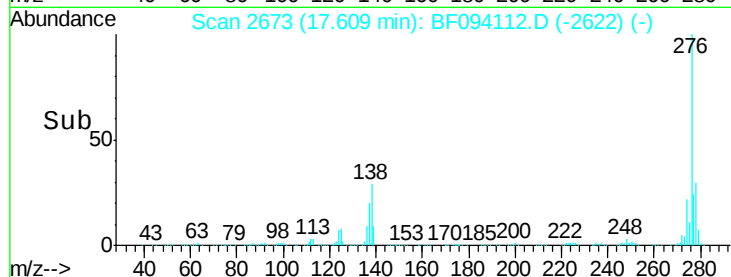
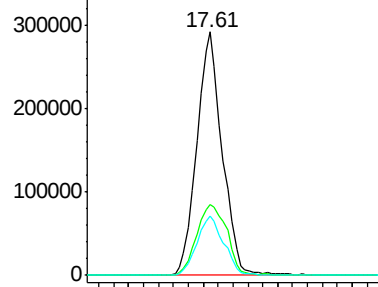
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.8	20.2	30.4

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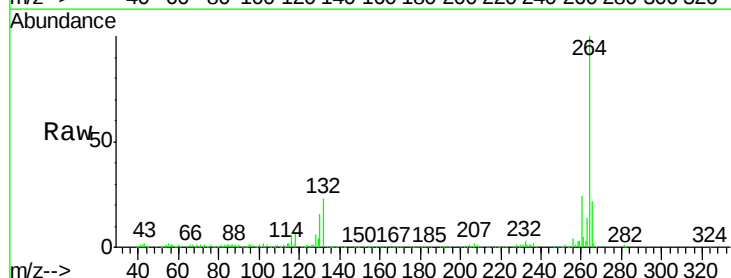


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

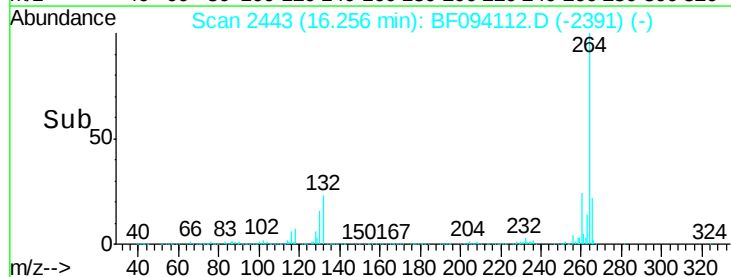
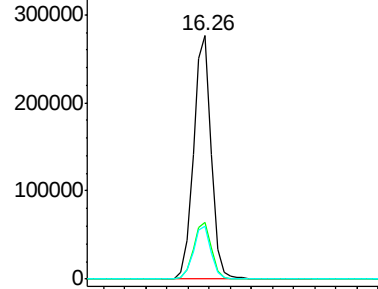


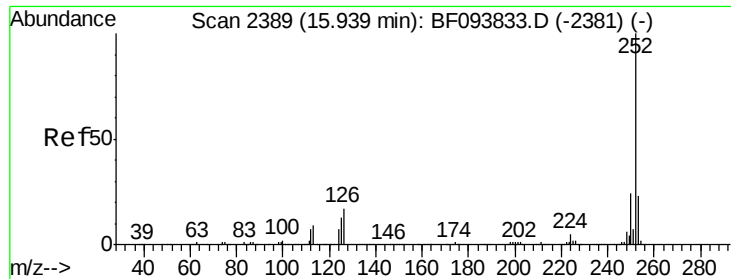
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





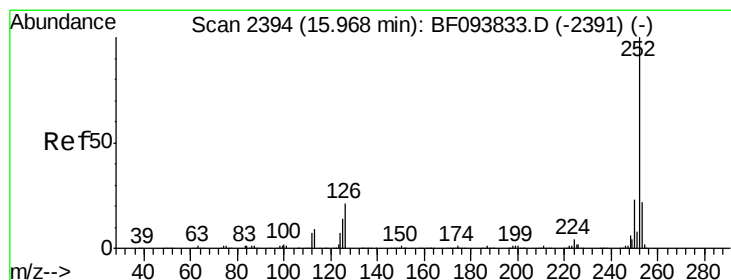
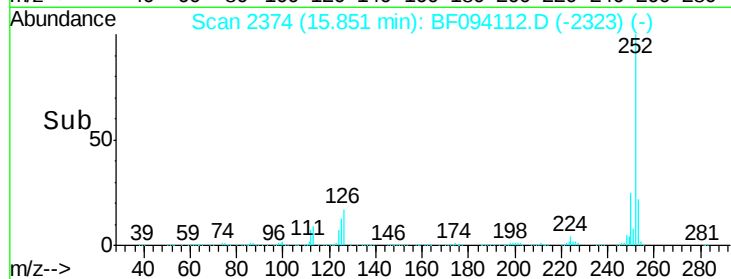
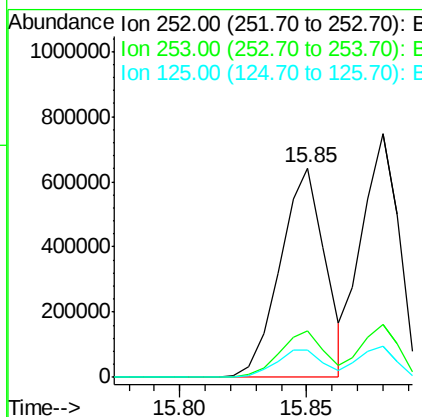
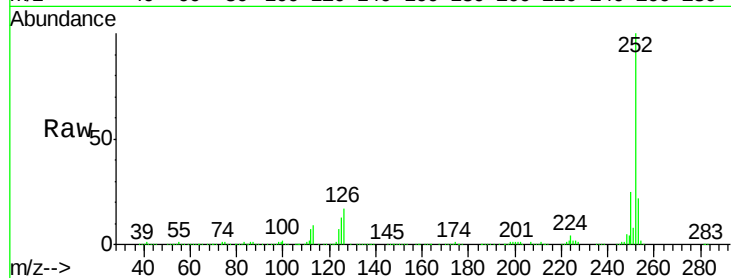
#87
Benzo(b)fluoranthene
Concen: 40.01 ng
RT: 15.85 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.2	9.8	14.8

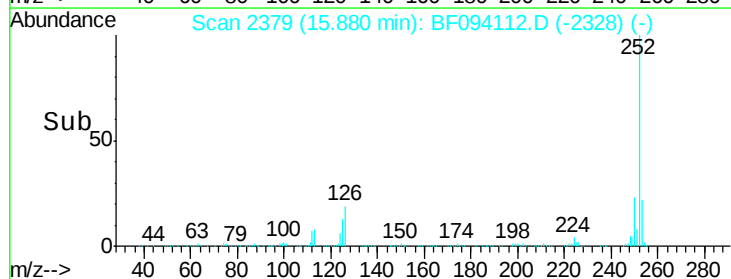
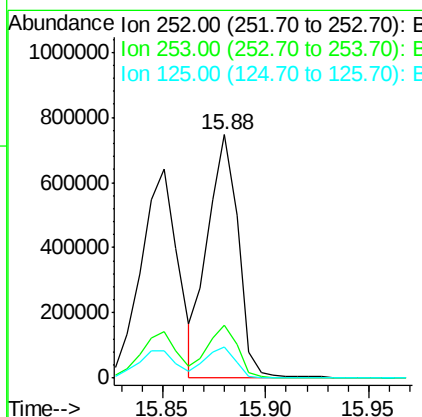
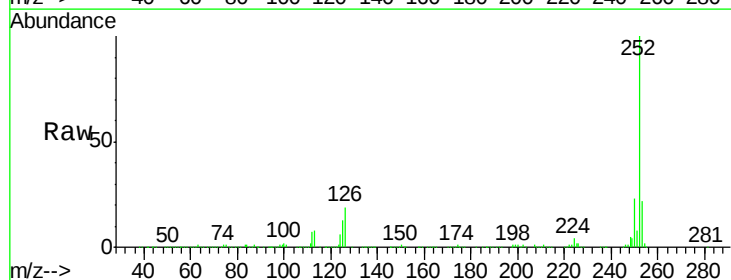
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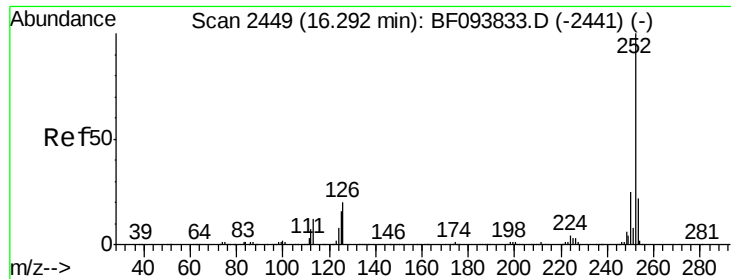
mohammad
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#88
Benzo(k)fluoranthene
Concen: 40.04 ng m
RT: 15.88 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.0	13.1	19.7#





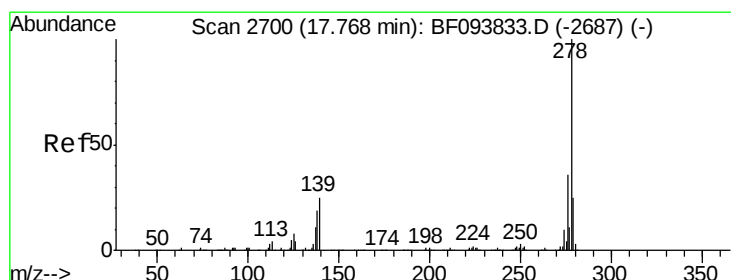
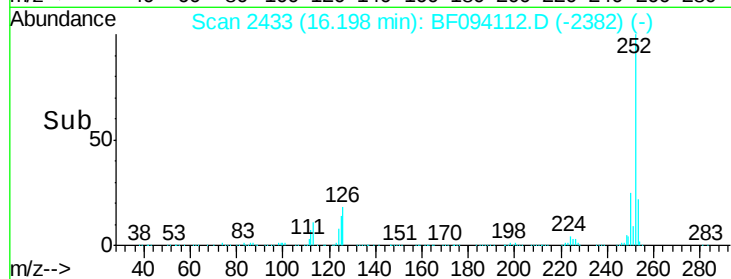
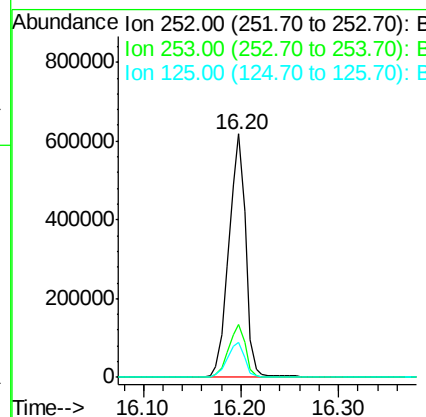
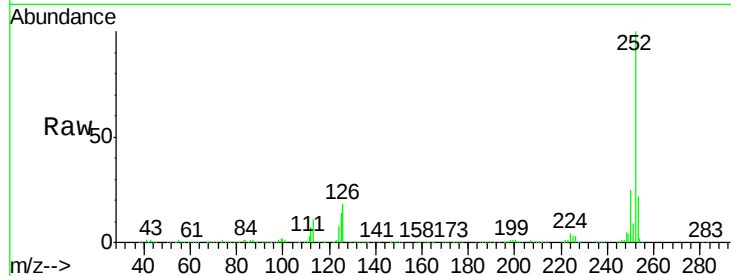
#89
Benzo(a)pyrene
Concen: 40.82 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.4	11.0	16.4

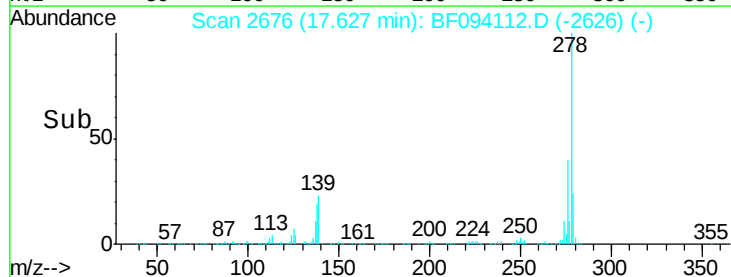
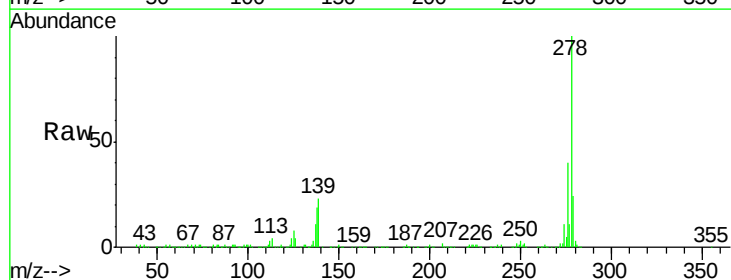
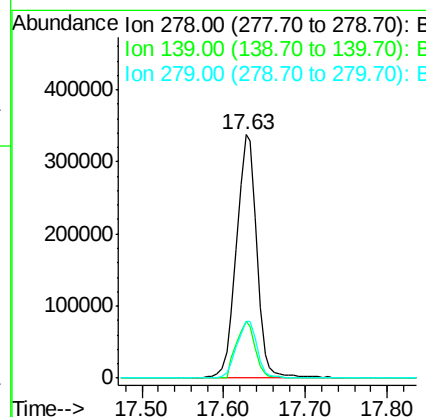
Manual Integrations
APPROVED

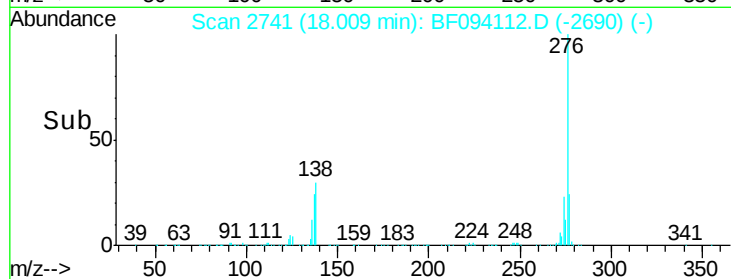
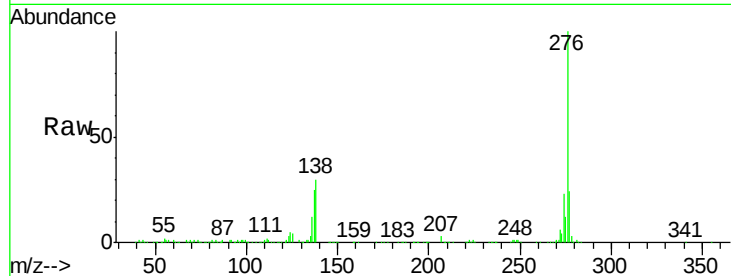
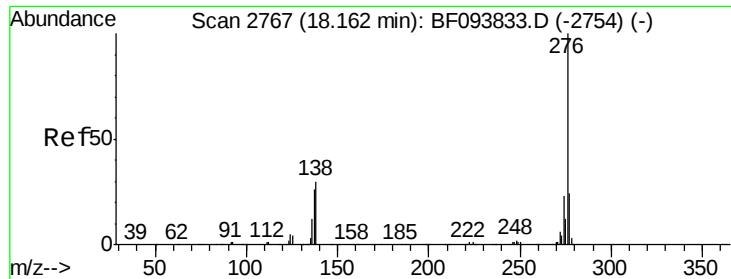
mohammad
4/3/2017 3:34:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.38 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.01 min
Lab File: BF094112.D
Acq: 1 Apr 2017 00:55

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





#91

Benzo(a,h,i)perylene

Concen: 35.88 ng

RT: 18.01 min Scan# 2741

Delta R.T. -0.00 min

Lab File: BF094112.D

Acq: 1 Apr 2017 00:55

Tot Ion:	276	Resp:	558364
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	29.6	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

mohammad
4/3/2017 3:34:52 PM

