

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093650.D
 Acq On : 14 Mar 2017 11:15
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:38:49 PM

Quant Time: Mar 15 04:41:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	189128	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	795989	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	356046	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	630894	20.00	ng	0.00
75) Chrysene-d12	13.90	240	485880	20.00	ng	0.01
86) Perylene-d12	15.31	264	344065	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	995823	87.63	ng	-0.02
7) Phenol-d6	6.37	99	1160659	81.00	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1190758	83.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	195418	84.24	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1658429	86.64	ng	0.00
78) Terphenyl-d14	12.84	244	1500348	80.28	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	249653	39.89	ng	# 81
3) Pyridine	2.86	79	568421	35.62	ng	89
4) n-Nitrosodimethylamine	2.84	42	343950	45.12	ng	85
6) Aniline	6.38	93	689412	35.05	ng	# 83
8) 2-Chlorophenol	6.50	128	513447	40.33	ng	96
9) Benzaldehyde	6.26	77	286265	29.42	ng	90
10) Phenol	6.38	94	751977	42.82	ng	# 76
11) bis(2-Chloroethyl)ether	6.45	93	679867	47.90	ng	91
12) 1,3-Dichlorobenzene	6.64	146	596569	40.94	ng	# 91
13) 1,4-Dichlorobenzene	6.72	146	615834	41.27	ng	99
14) 1,2-Dichlorobenzene	6.88	146	539889	40.86	ng	97
15) Benzyl Alcohol	6.88	79	341477	33.43	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	981185	41.62	ng	# 40
17) 2-Methylphenol	7.00	107	455877	42.33	ng	# 89
18) Hexachloroethane	7.21	117	211744	42.08	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	422656	42.90	ng	97
20) 3+4-Methylphenols	7.16	107	639106	45.76	ng	# 74
22) Acetophenone	7.13	105	777641	40.60	ng	# 98
24) Nitrobenzene	7.30	77	649537	40.28	ng	94
25) Isophorone	7.54	82	1163207	40.21	ng	# 92
26) 2-Nitrophenol	7.62	139	286634	38.96	ng	# 81
27) 2,4-Dimethylphenol	7.68	122	443979	37.10	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	731129	40.03	ng	99
29) 2,4-Dichlorophenol	7.89	162	433421	38.50	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	439484	36.71	ng	95
31) Naphthalene	8.02	128	1564085	39.21	ng	99
32) Benzoic acid	7.85	122	242749	39.04	ng	97
33) 4-Chloroaniline	8.10	127	600079m	37.07	ng	
34) Hexachlorobutadiene	8.14	225	239616	38.85	ng	98
35) Caprolactam	8.48	113	147024	38.24	ng	# 36
36) 4-Chloro-3-methylphenol	8.60	107	503087	41.87	ng	97
37) 2-Methylnaphthalene	8.72	142	978654	38.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	425942	43.81	ng	99
40) Hexachlorocyclopentadiene	8.87	237	72545	37.19	ng	98

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 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	259069	42.65	nq	95
43) 2,4,5-Trichlorophenol	9.08	196	264235	40.54	nq #	90
45) 1,1'-Biphenyl	9.18	154	1131858	43.64	nq	95
46) 2-Chloronaphthalene	9.21	162	926510	46.67	nq	97
47) 2-Nitroaniline	9.33	65	359321	51.20	nq	98
48) Acenaphthylene	9.62	152	1457079	44.50	nq	99
49) Dimethylphthalate	9.50	163	1034852	43.84	nq	100
50) 2,6-Dinitrotoluene	9.57	165	225955	43.63	nq #	63
51) Acenaphthene	9.80	154	861514	44.49	nq	96
52) 3-Nitroaniline	9.75	138	265184	42.62	nq	88
53) 2,4-Dinitrophenol	9.88	184	107100	45.41	nq #	63
54) Dibenzofuran	9.97	168	1123565	46.36	nq	99
55) 4-Nitrophenol	9.96	139	72705m	24.06	nq	
56) 2,4-Dinitrotoluene	9.98	165	315377	49.56	nq #	82
57) Fluorene	10.31	166	889173	43.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	198520	43.16	nq	96
59) Diethylphthalate	10.20	149	1046531	46.39	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	403368	43.82	nq	97
61) 4-Nitroaniline	10.37	138	234547	36.86	nq	95
62) Azobenzene	10.46	77	1083039m	42.25	nq	
64) 4,6-Dinitro-2-methylphenol	10.40	198	128668	31.48	nq	81
65) n-Nitrosodiphenylamine	10.42	169	782220	37.13	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	242277	36.32	nq	98
67) Hexachlorobenzene	10.86	284	234321	36.78	nq #	73
68) Atrazine	10.96	200	218860	35.50	nq	99
69) Pentachlorophenol	11.08	266	90912	41.33	nq	98
70) Phenanthrene	11.27	178	1322395	36.72	nq	99
71) Anthracene	11.33	178	1395253	38.30	nq	99
72) Carbazole	11.50	167	1413783	41.31	nq	97
73) Di-n-butylphthalate	11.82	149	1610012	40.67	nq #	96
74) Fluoranthene	12.47	202	1388489	39.92	nq	93
76) Benzidine	12.62	184	224835	14.07	nq	98
77) Pyrene	12.70	202	1434662	40.60	nq	99
79) Butylbenzylphthalate	13.30	149	640087	43.03	nq	90
80) Benzo(a)anthracene	13.89	228	1091536	38.04	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	334115	33.25	nq #	97
82) Chrysene	13.92	228	981751	36.98	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	867343	41.83	nq	99
84) Di-n-octyl phthalate	14.48	149	1430821	41.40	nq	97
85) Indeno(1,2,3-cd)pyrene	16.65	276	760454	34.22	nq #	93
87) Benzo(b)fluoranthene	14.91	252	805566m	38.44	nq	
88) Benzo(k)fluoranthene	14.93	252	879525m	43.52	nq	
89) Benzo(a)pyrene	15.25	252	789451	41.22	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	655707	41.39	nq	97
91) Benzo(g,h,i)perylene	17.05	276	681716	41.92	nq #	92

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

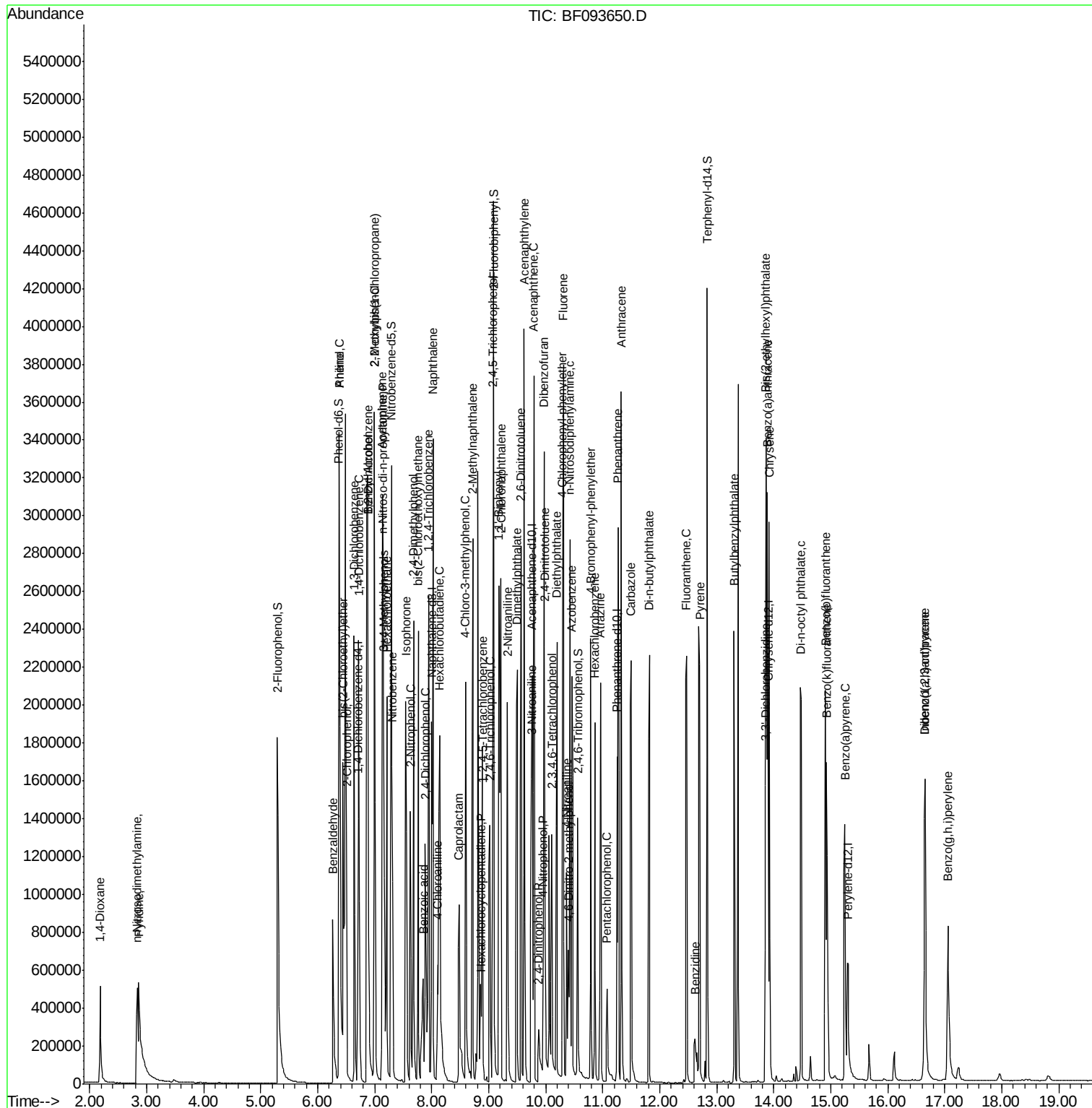
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\  
Data File : BF093650.D  
Acq On    : 14 Mar 2017  11:15  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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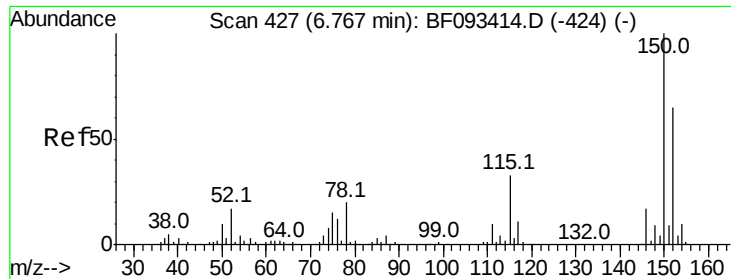
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

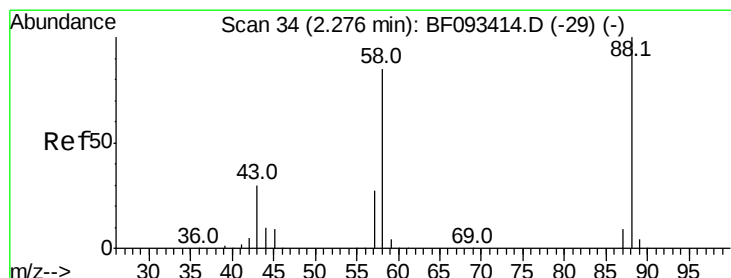
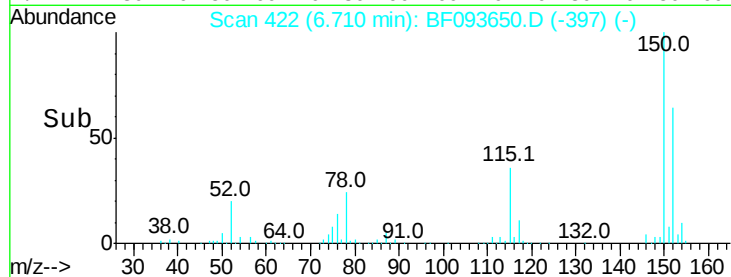
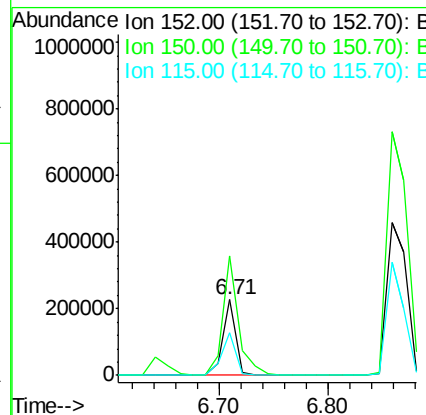
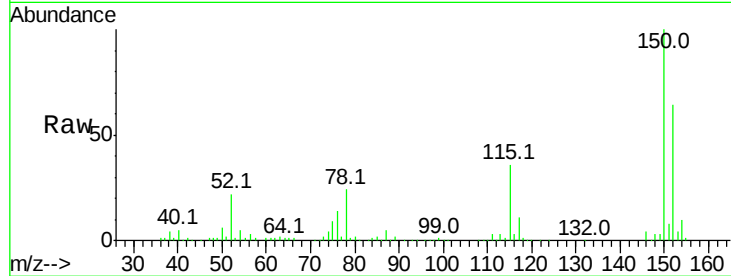
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	56.7	46.0	69.0

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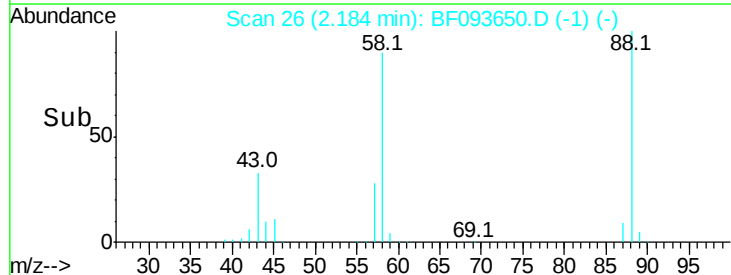
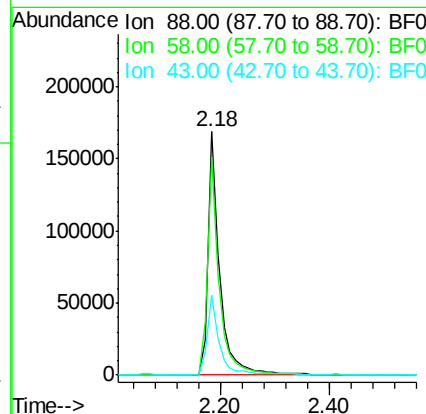
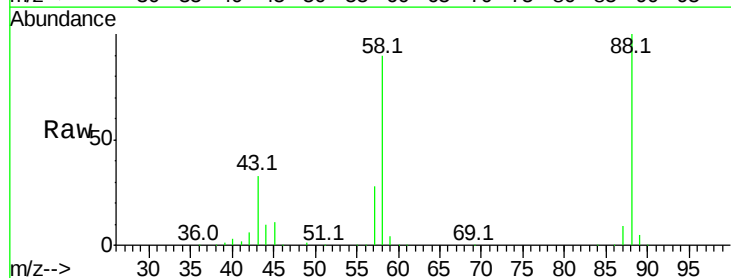
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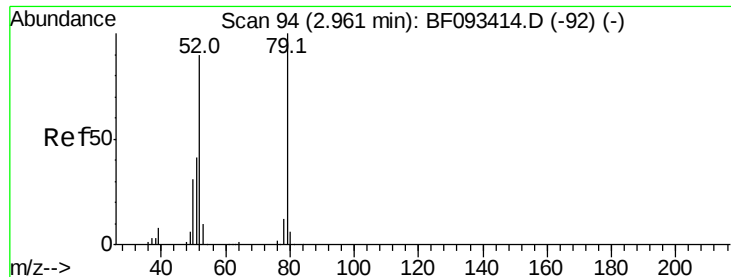


#2

1,4-Dioxane
Concen: 39.89 ng
RT: 2.18 min Scan# 26
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.8	57.8	86.8#
43	34.0	22.3	33.5#





#3

Pvridine

Concen: 35.62 ng

RT: 2.86 min Scan# 85

Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

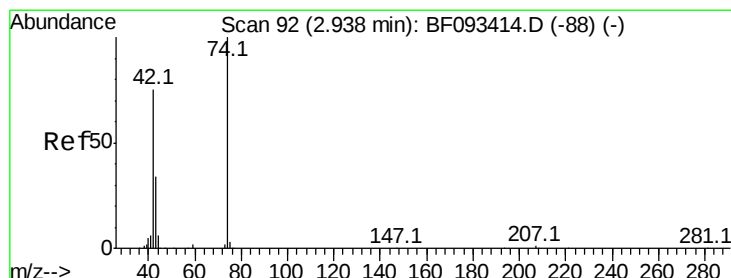
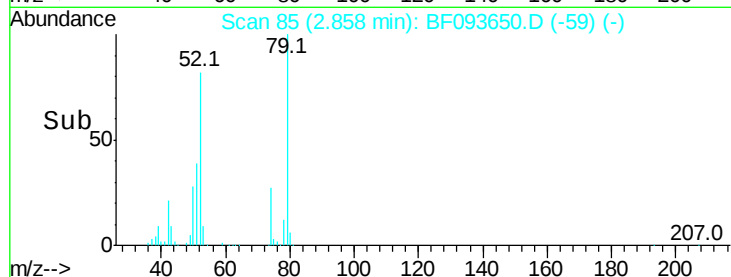
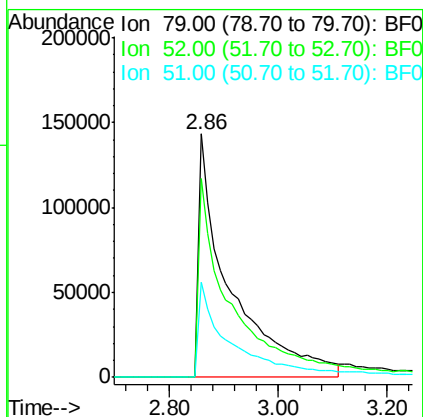
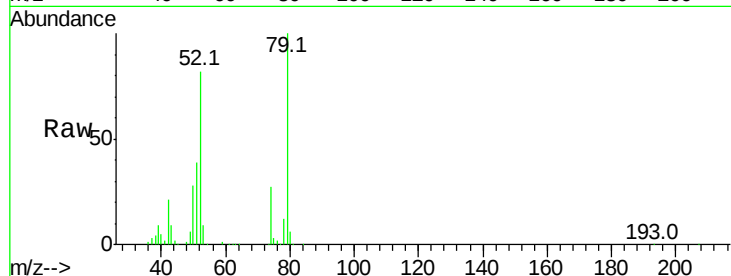
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	568421
Ion Ratio	Lower	Upper	
79	100		
52	81.7	57.1	85.7
51	39.1	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 45.12 ng

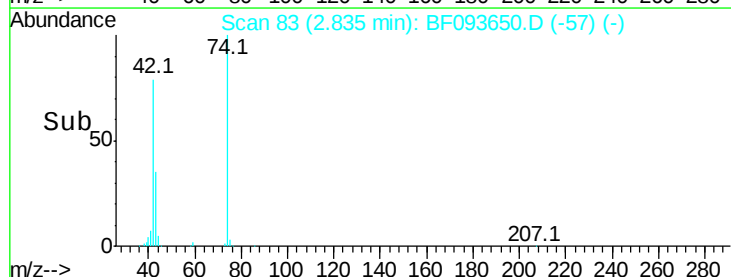
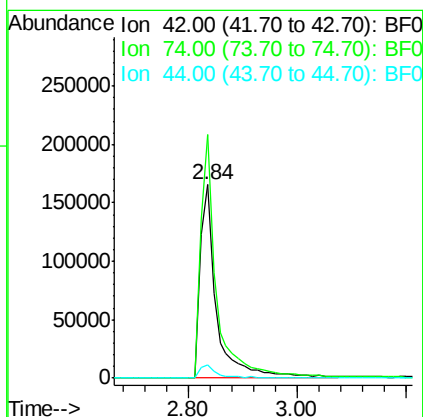
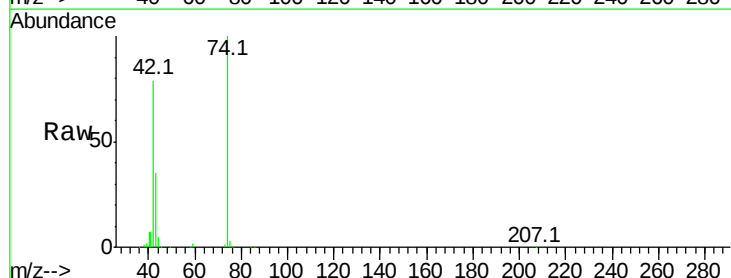
RT: 2.84 min Scan# 83

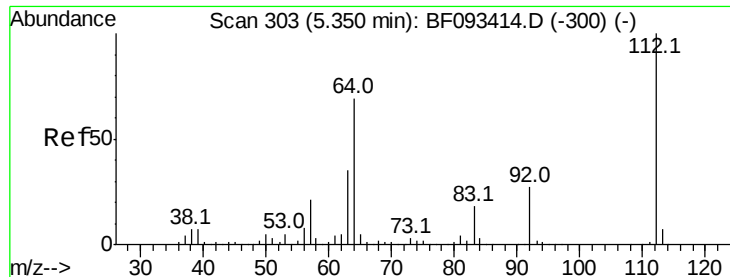
Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion:	42	Resp:	343950
Ion Ratio	Lower	Upper	
42	100		
74	126.1	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 87.63 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

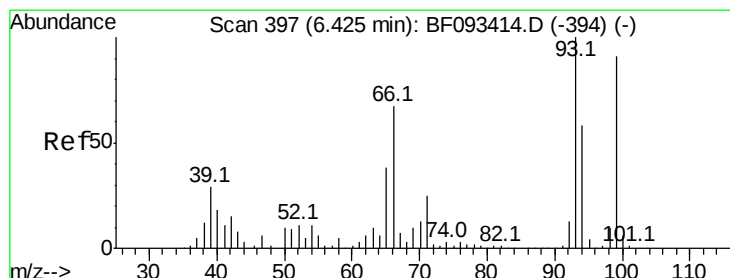
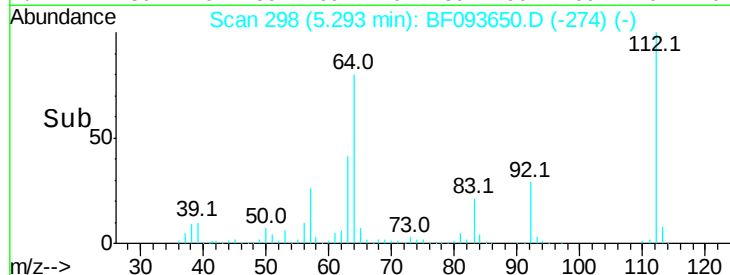
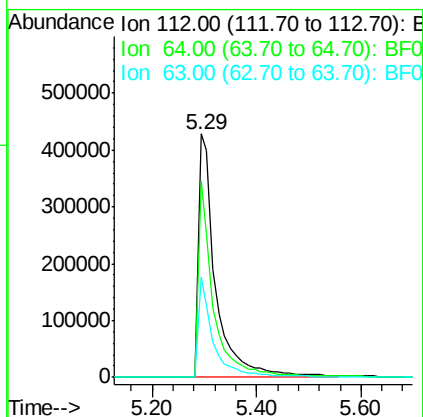
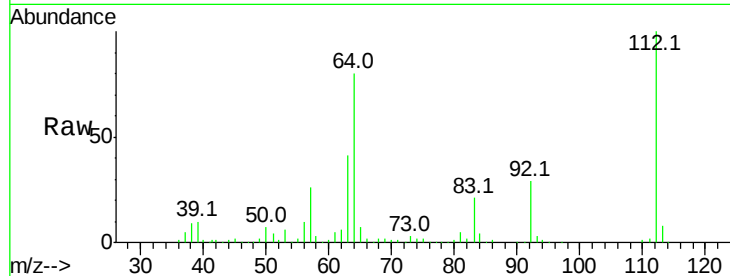
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	995823
Ion Ratio	Lower	Upper	
112	100		
64	80.5	46.1	69.1#
63	41.2	23.8	35.6#

Manual Integrations
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#6

Aniline

Concen: 35.05 ng

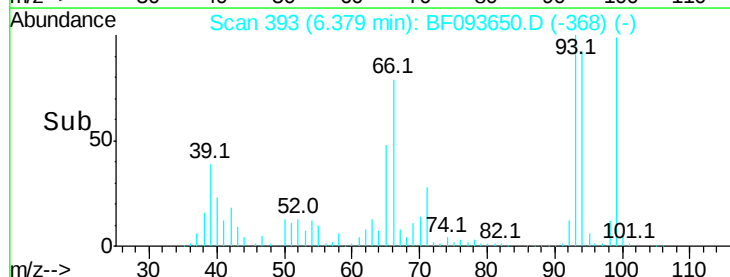
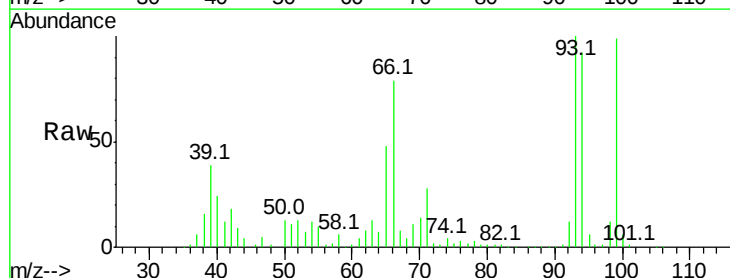
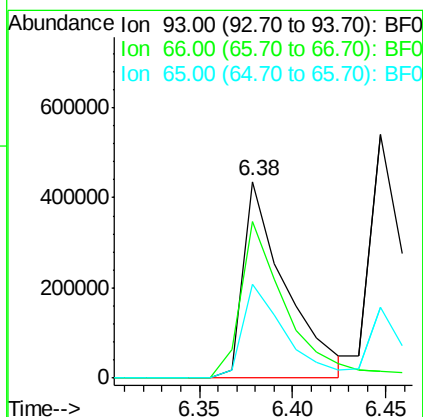
RT: 6.38 min Scan# 393

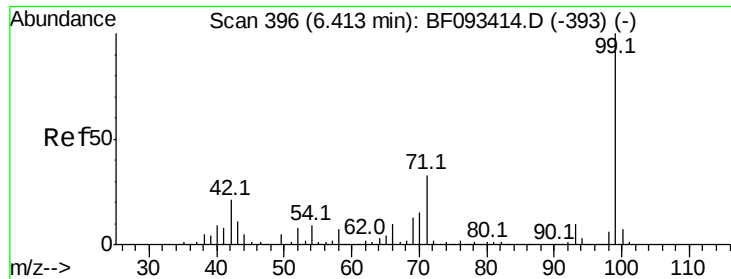
Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion:	93	Resp:	689412
Ion Ratio	Lower	Upper	
93	100		
66	79.4	76.2	114.2
65	47.6	49.3	73.9#





#7

Phenol-d6

Concen: 81.00 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1160659

Ion Ratio Lower Upper

99 100

42 22.6 15.6 23.4

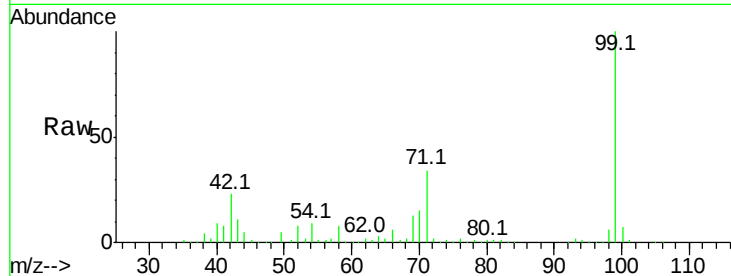
71 33.9 27.5 41.3

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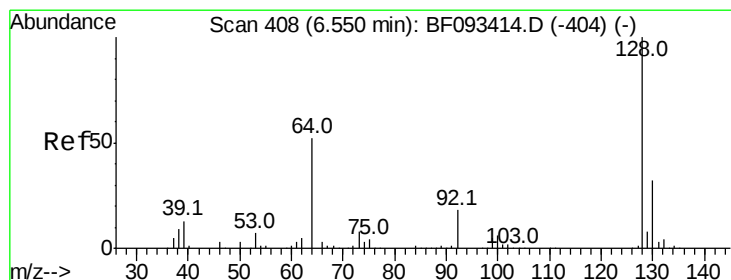
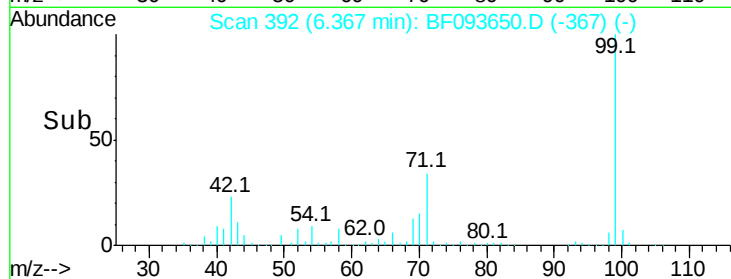
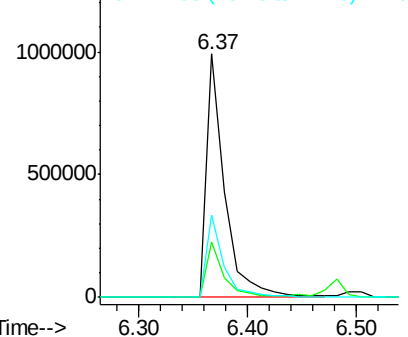
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.33 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

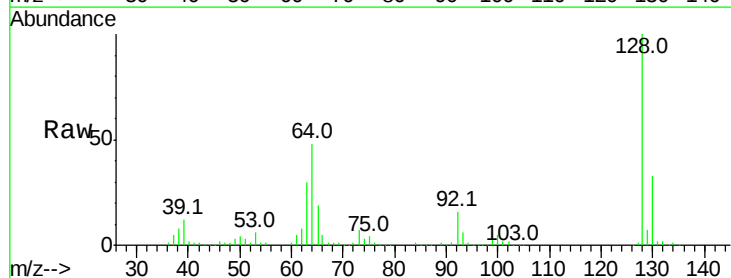
Tgt Ion:128 Resp: 513447

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

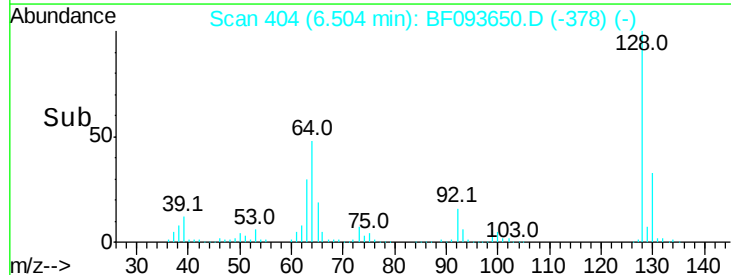
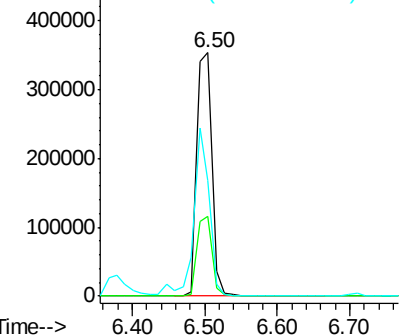
64 47.7 32.2 72.2



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: 29.42 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

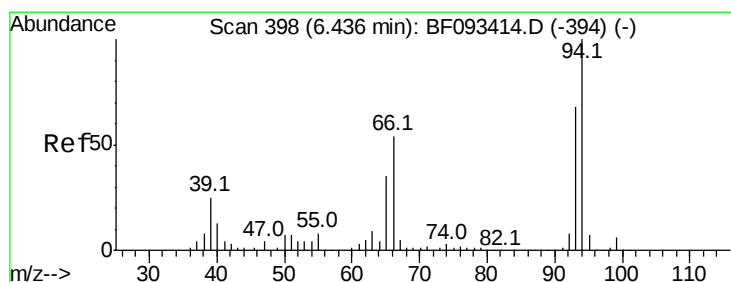
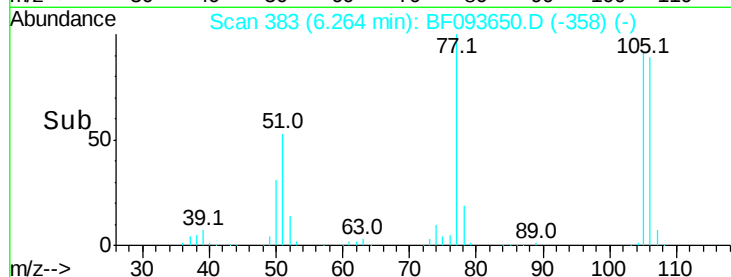
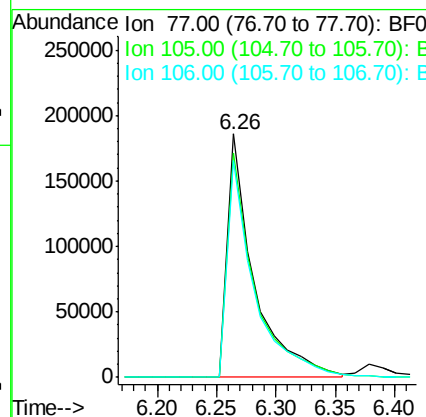
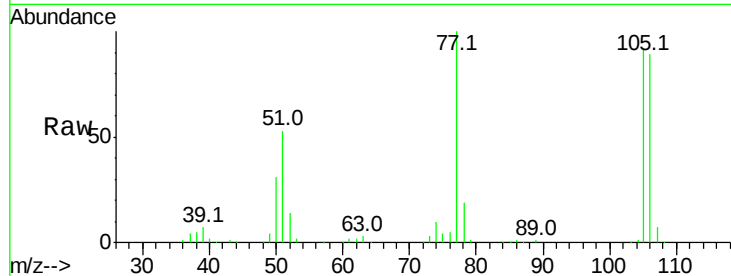
ClientSampleID :

SSTDCCC040

Tot Ion:	77	Resp:	286265
Ion Ratio	Lower	Upper	
77	100		
105	92.3	83.9	123.9
106	88.8	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 42.82 ng

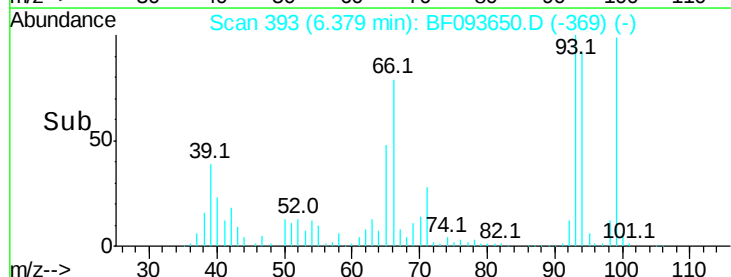
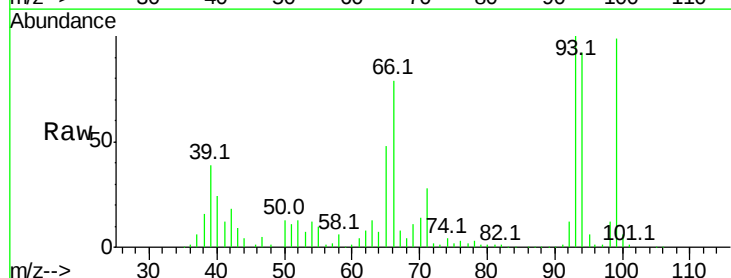
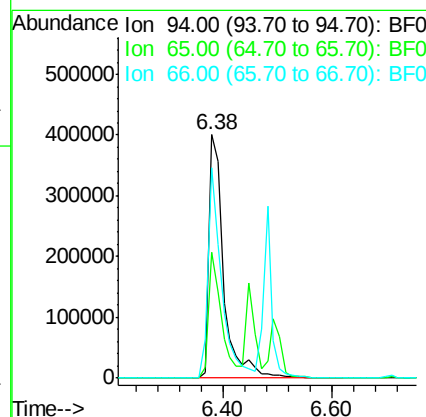
RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion:	94	Resp:	751977
Ion Ratio	Lower	Upper	
94	100		
65	51.8	21.4	61.4
66	86.4	44.0	84.0#





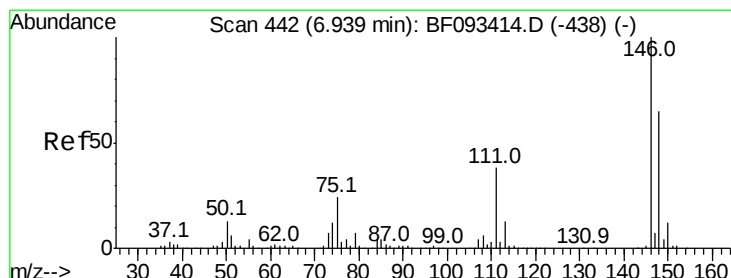
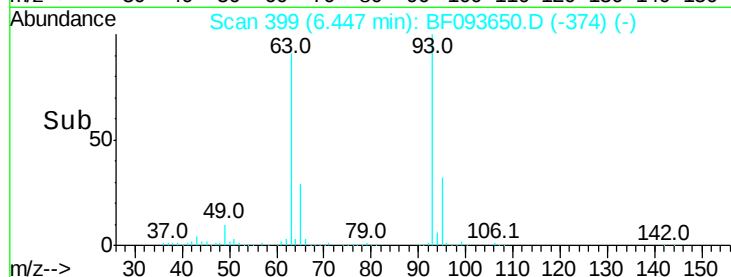
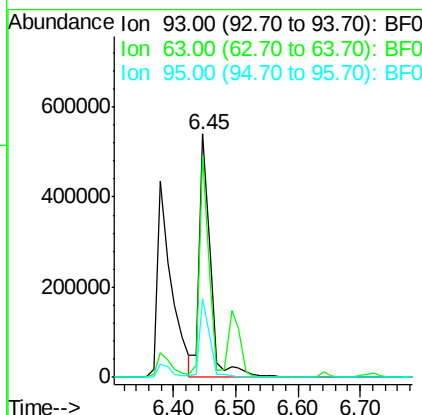
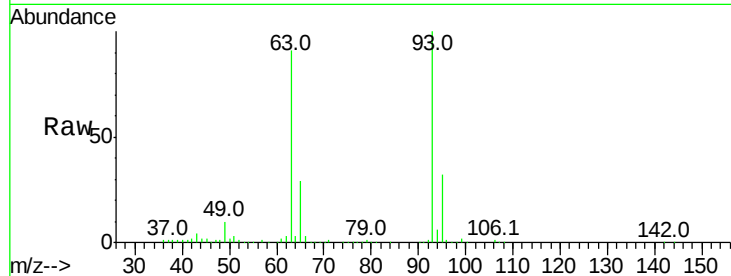
#11
bis(2-Chloroethyl)ether
Concen: 47.90 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.3	60.4	100.4
95	32.5	12.8	52.8

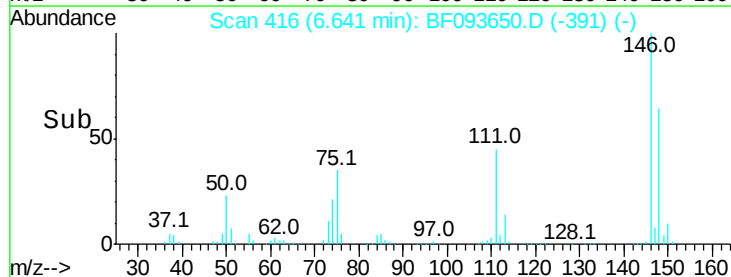
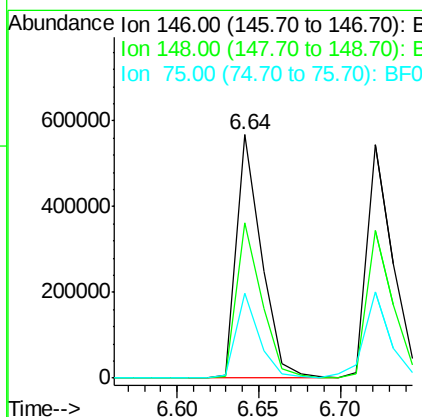
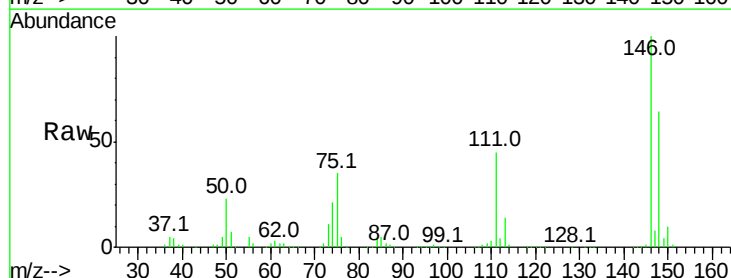
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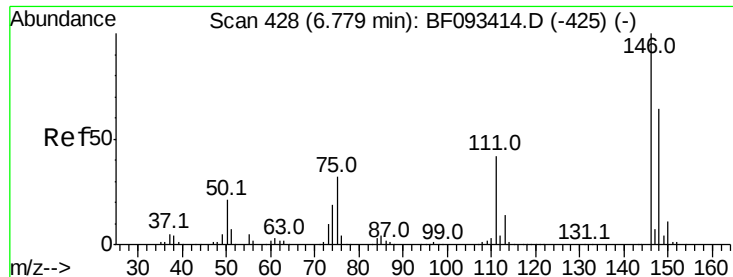
mohammad
3/15/2017 5:38:49 PM



#12
1,3-Dichlorobenzene
Concen: 40.94 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.0
75	34.8	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.27 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

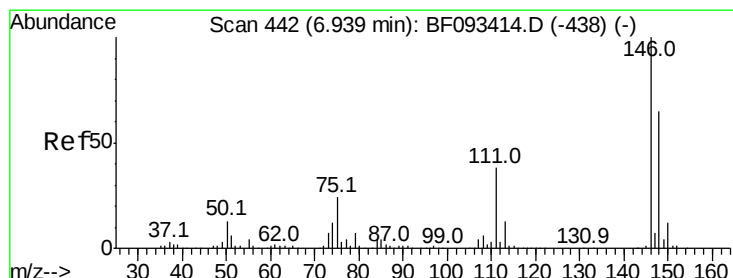
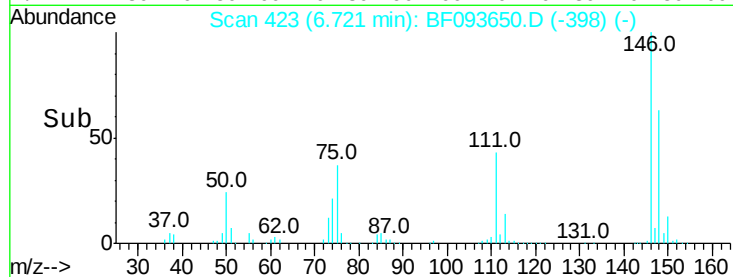
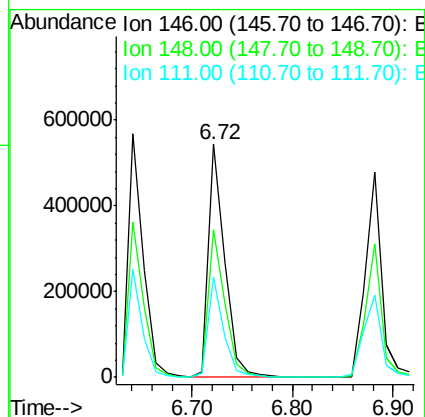
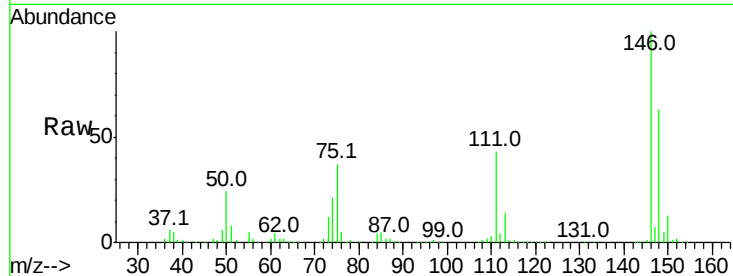
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	615834
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	43.0	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.86 ng

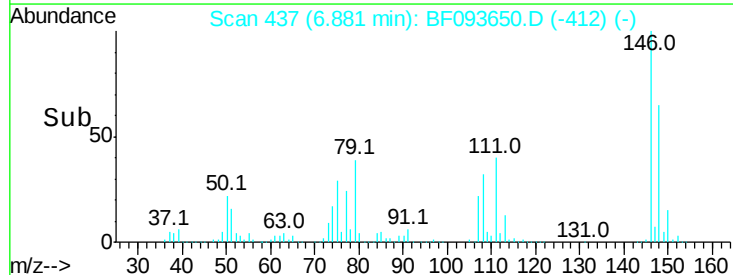
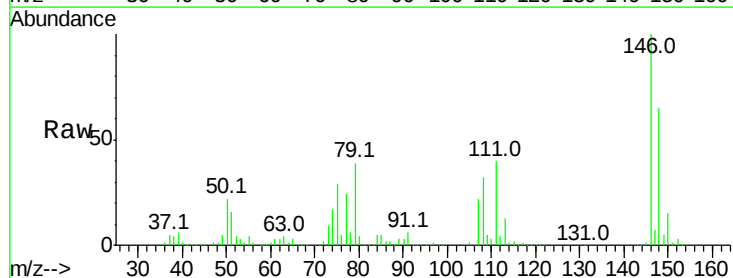
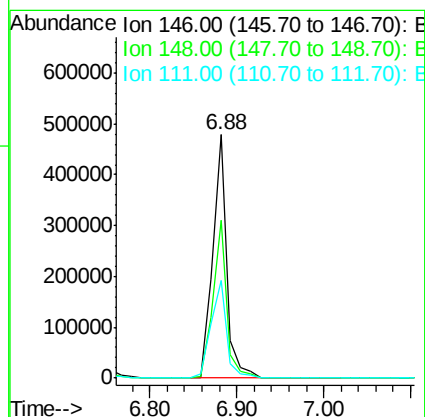
RT: 6.88 min Scan# 437

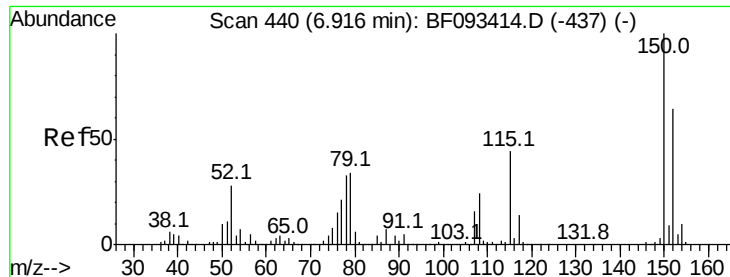
Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion:	146	Resp:	539889
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.2	78.2
111	40.3	36.2	54.2





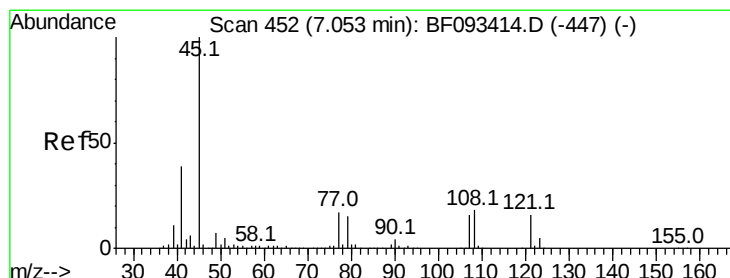
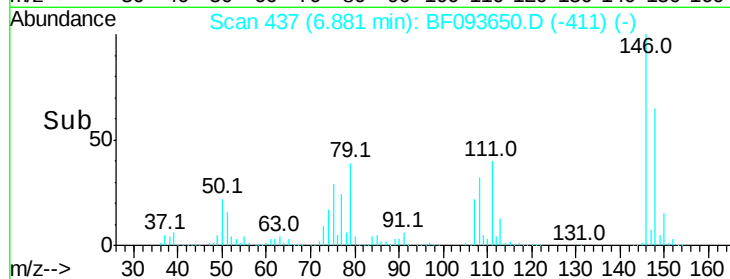
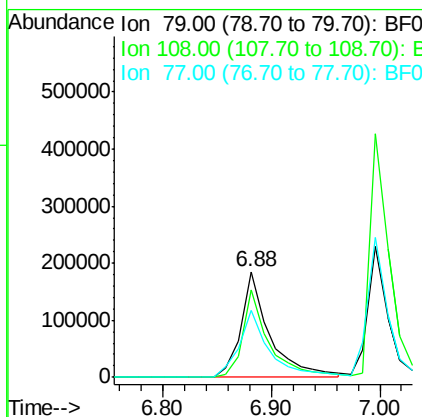
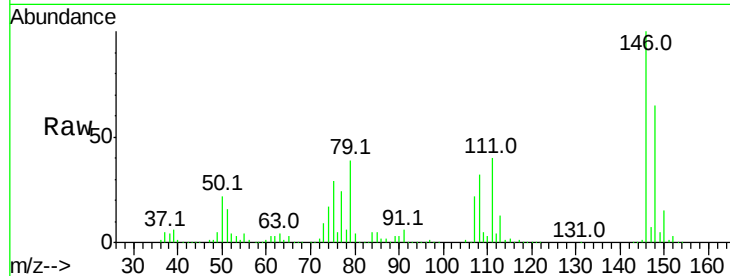
#15
Benzyl Alcohol
Concen: 33.43 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	61.4	92.0
77	63.1	50.9	76.3

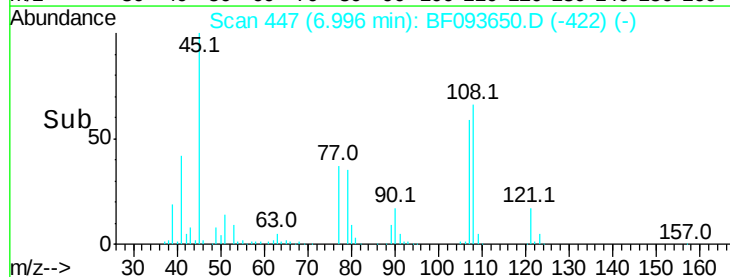
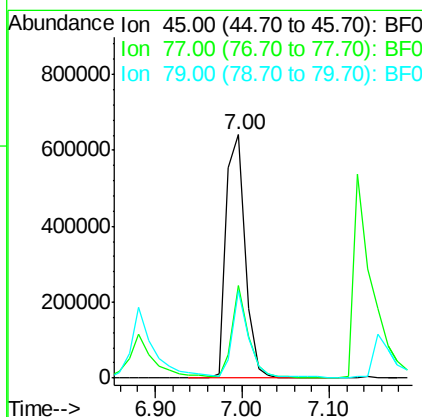
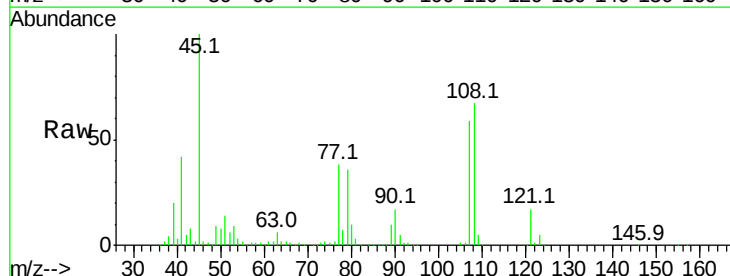
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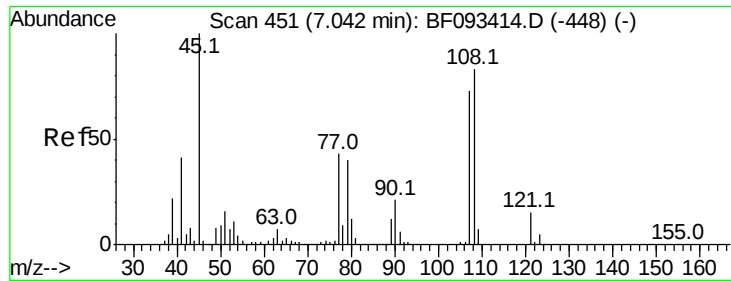
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.62 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.2	0.0	34.6#
79	35.9	0.0	31.2#





#17

2-Methylphenol

Concen: 42.33 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

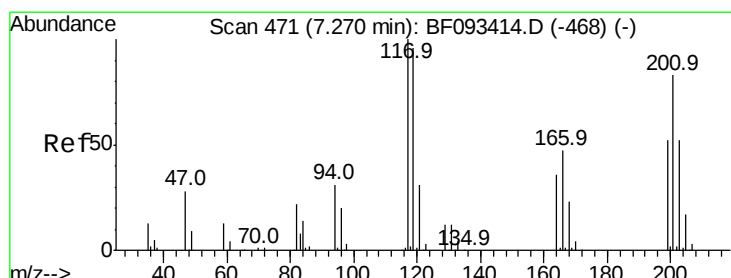
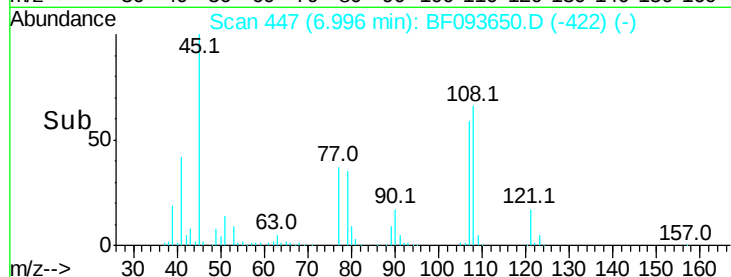
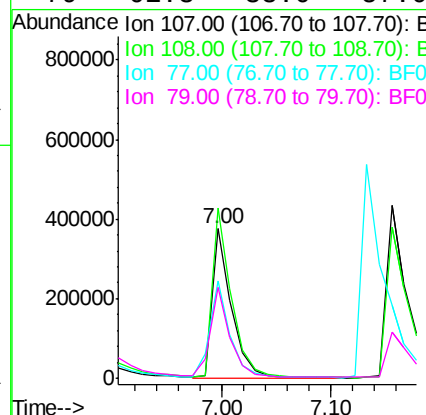
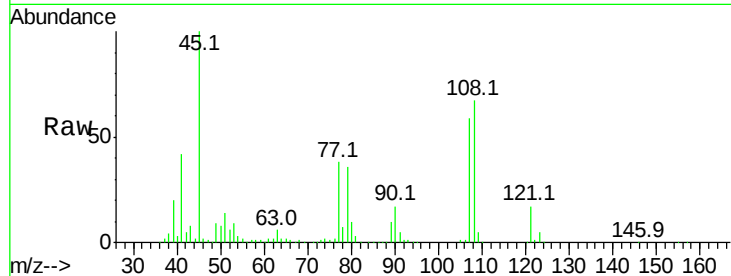
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	455877
Ion Ratio	Lower	Upper	
107	100		
108	113.6	93.0	139.6
77	65.2	39.8	59.8#
79	61.3	38.0	57.0#

Manual Integrations
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#18

Hexachloroethane

Concen: 42.08 ng

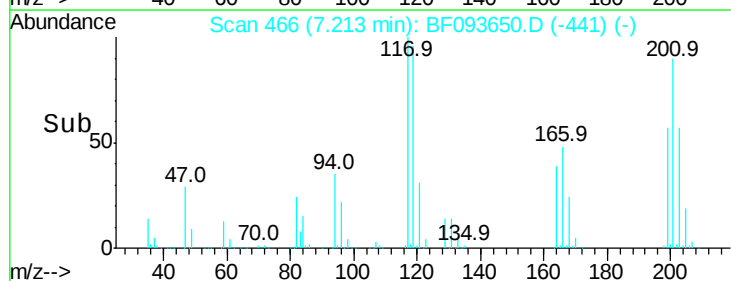
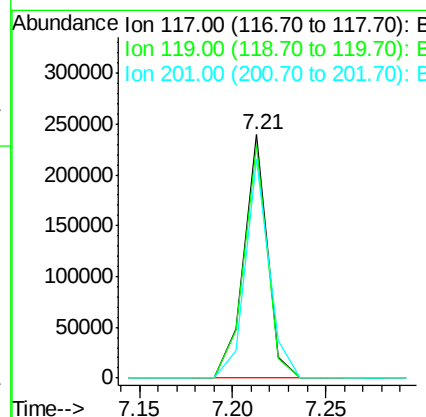
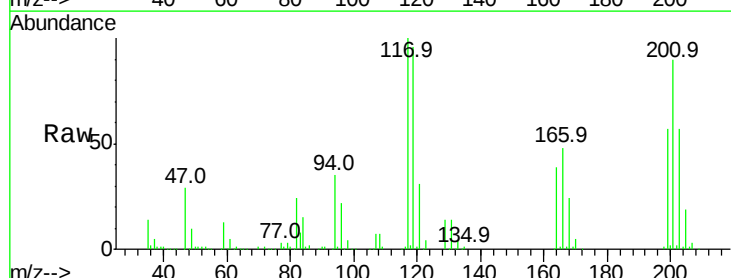
RT: 7.21 min Scan# 466

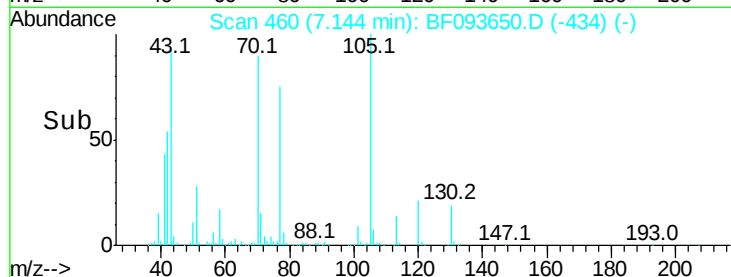
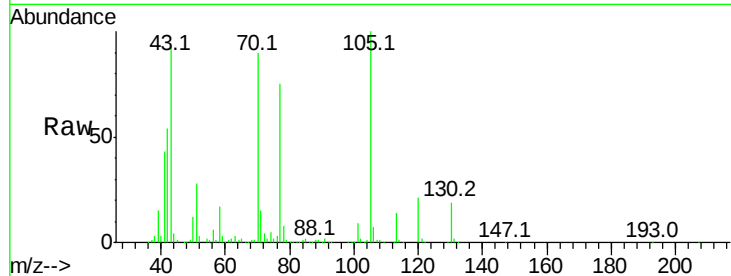
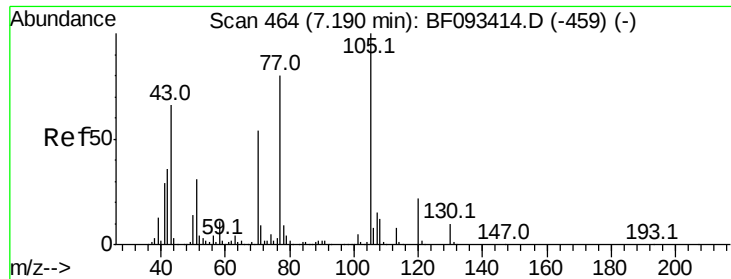
Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion:	117	Resp:	211744
Ion Ratio	Lower	Upper	
117	100		
119	95.9	78.1	117.1
201	90.0	78.6	117.8





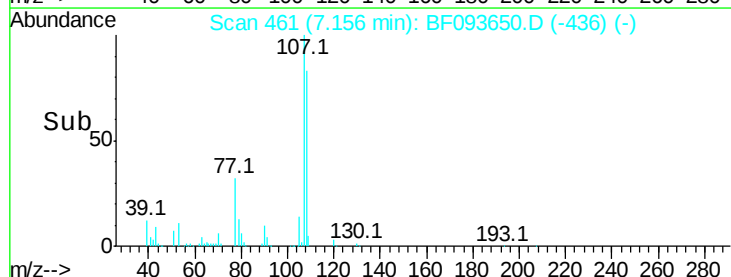
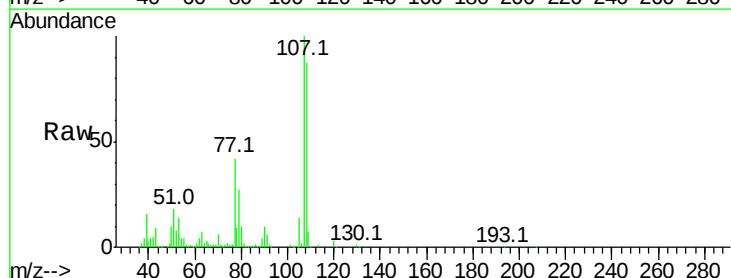
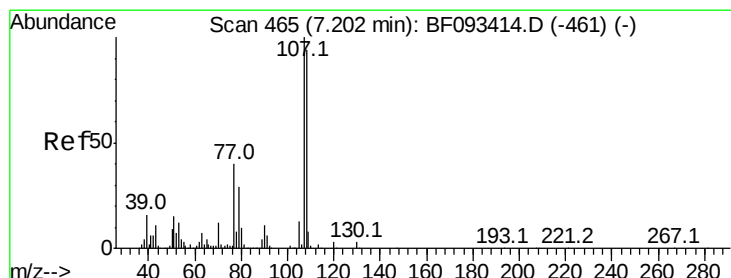
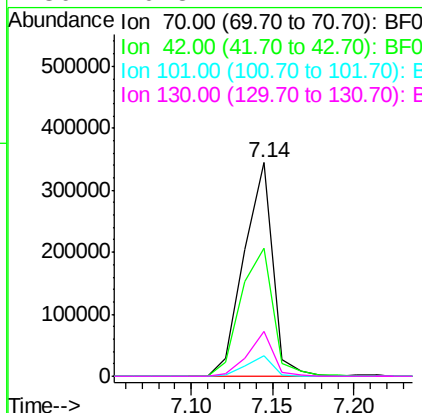
#19
n-Nitroso-di-n-propylamine
Concen: 42.90 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	49.4	74.0
101	9.6	7.4	11.2
130	20.8	14.2	21.4

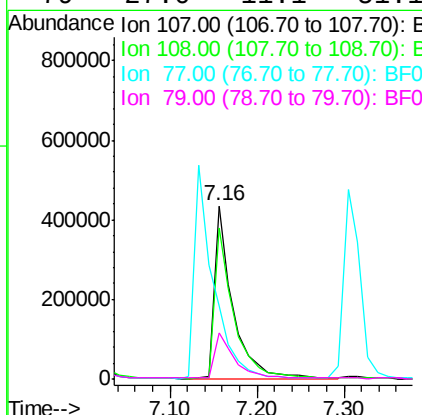
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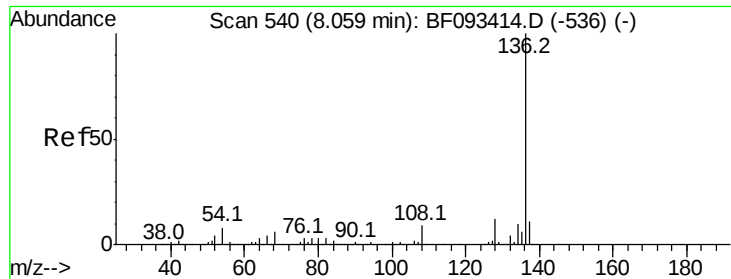
mohammad
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#20
3+4-Methylphenols
Concen: 45.76 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.0	113.0
77	42.0	71.3	111.3
79	27.0	11.1	51.1





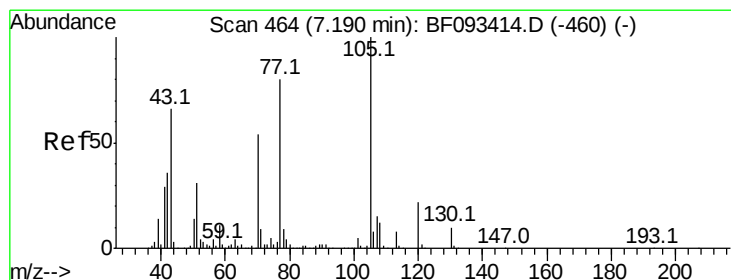
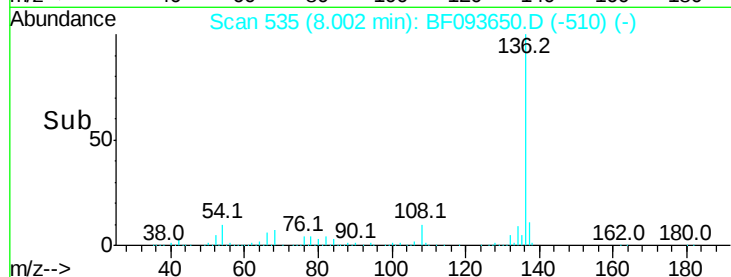
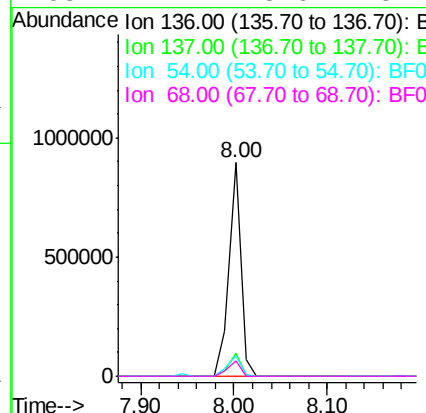
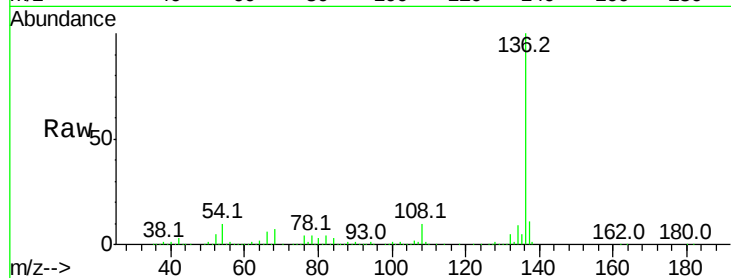
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.5	4.5	6.7#
68	7.1	3.6	5.4#

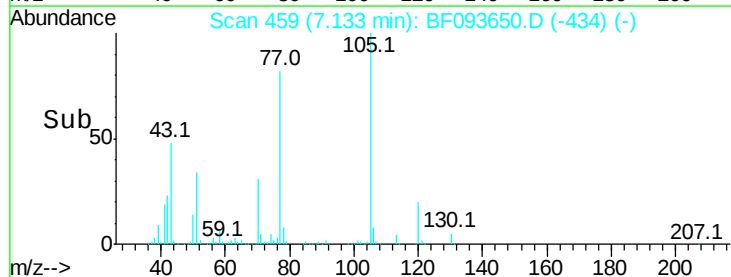
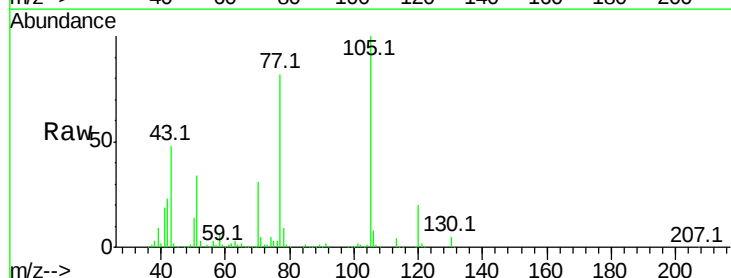
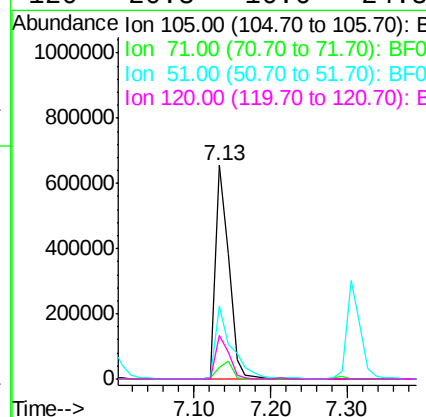
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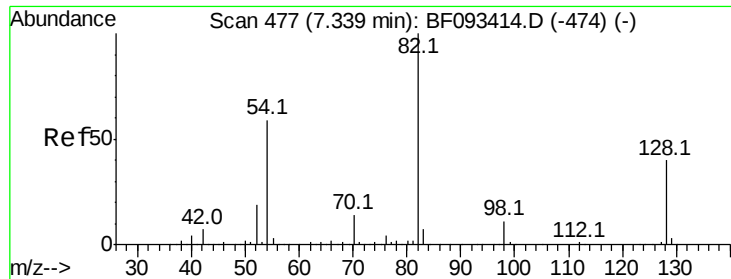
mohammad
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#22
Acetophenone
Concen: 40.60 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.4	3.2	4.8#
51	34.1	26.2	39.4
120	20.3	16.6	24.8





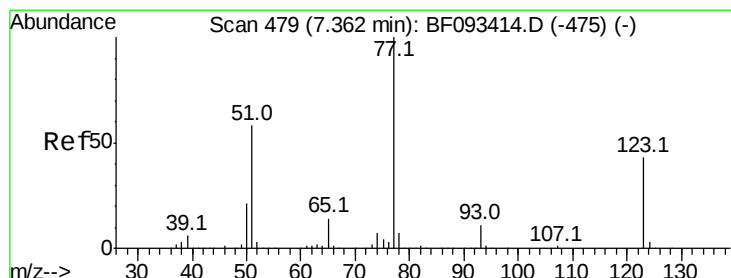
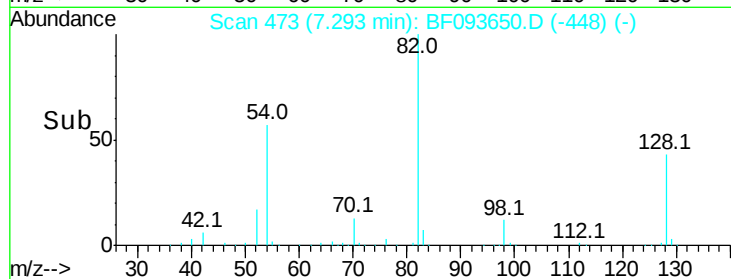
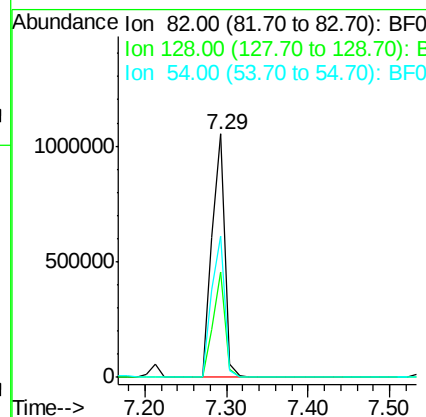
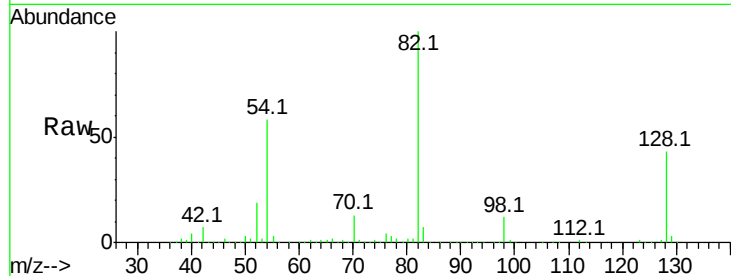
#23
 Nitrobenzene-d5
 Concen: 83.00 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	57.8	39.5	59.3

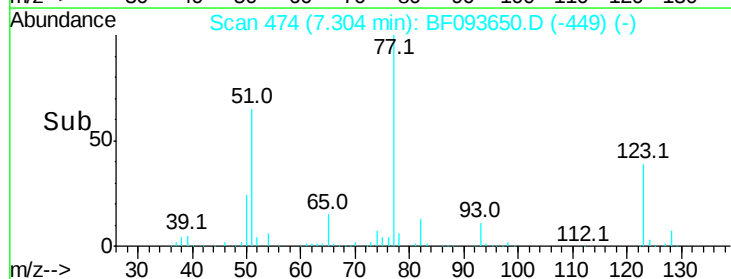
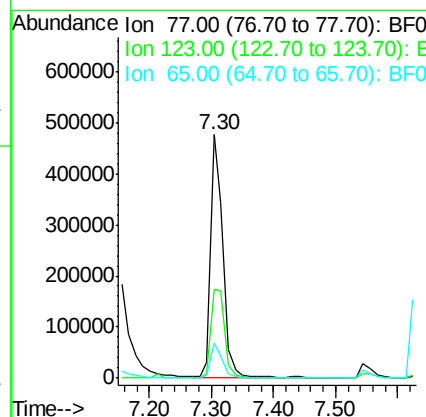
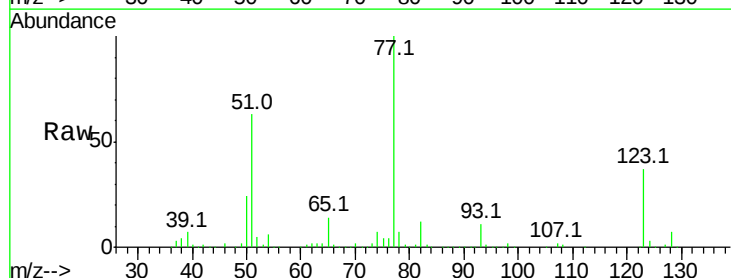
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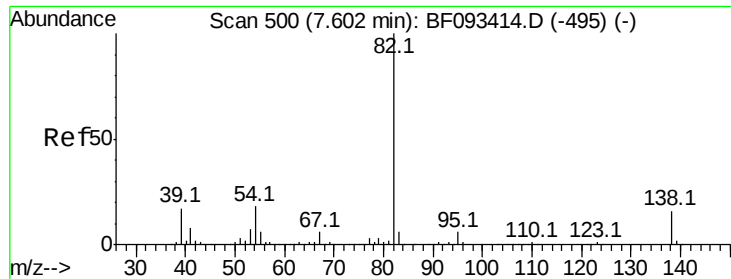
mohammad
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#24
 Nitrobenzene
 Concen: 40.28 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	33.0	49.4
65	14.5	11.2	16.8





#25

Isophorone

Concen: 40.21 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1163207

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

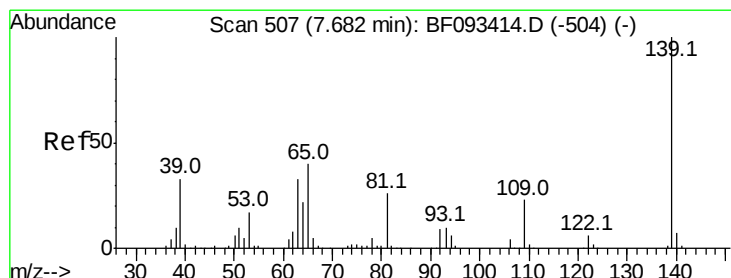
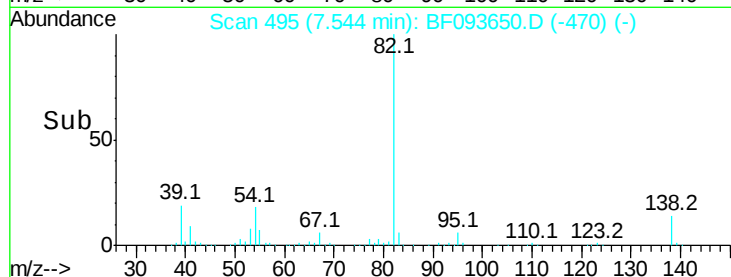
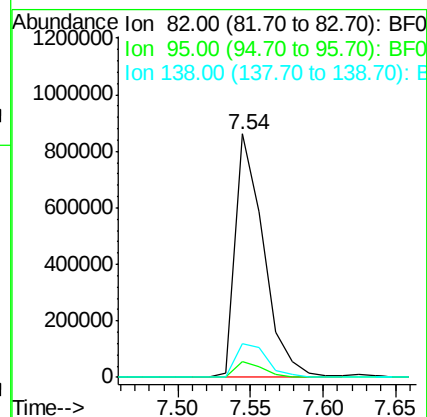
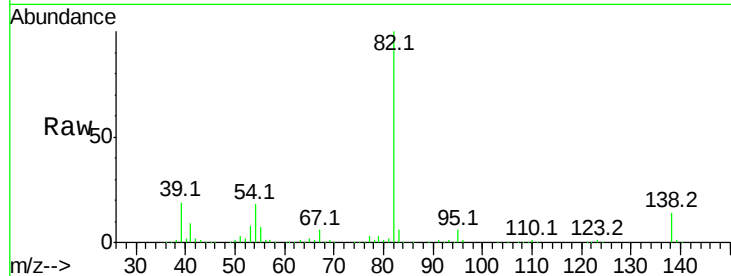
138 13.8 14.6 22.0#

Manual Integrations

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3/15/2017 5:38:49 PM



#26

2-Nitrophenol

Concen: 38.96 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

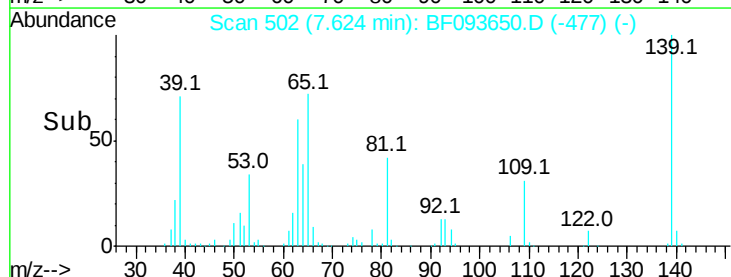
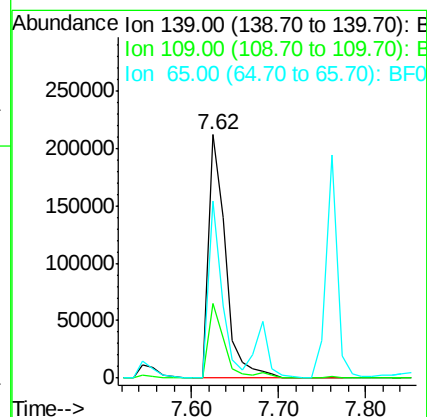
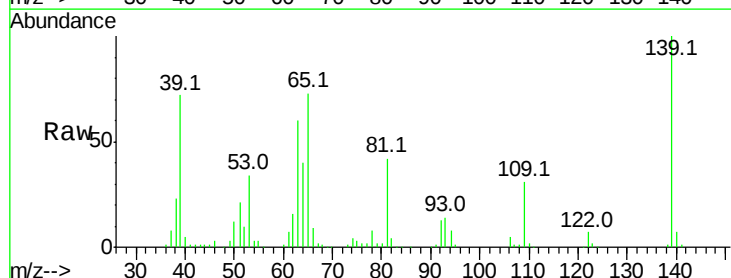
Tgt Ion: 139 Resp: 286634

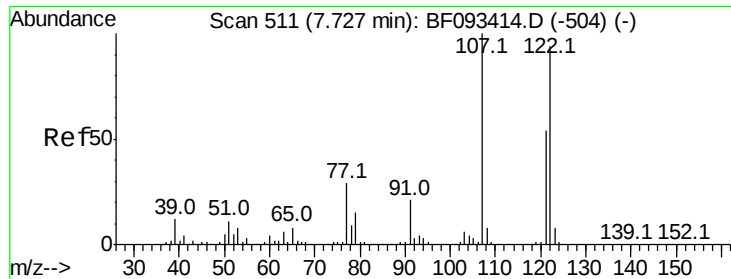
Ion Ratio Lower Upper

139 100

109 30.8 23.3 34.9

65 72.7 42.7 64.1#





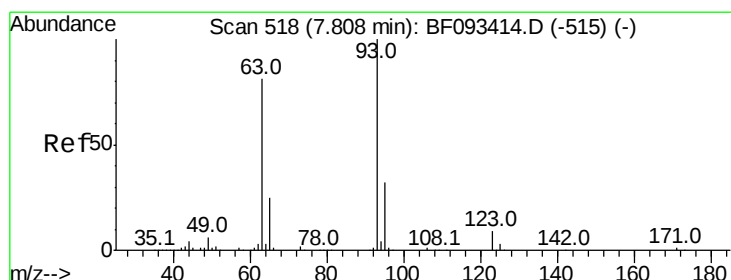
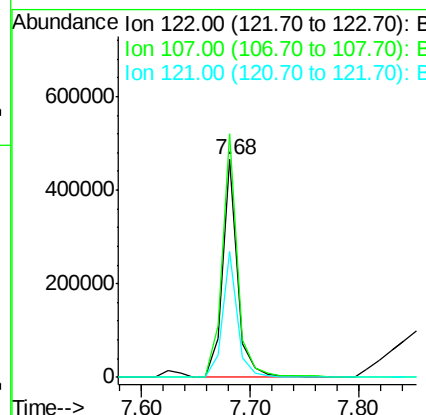
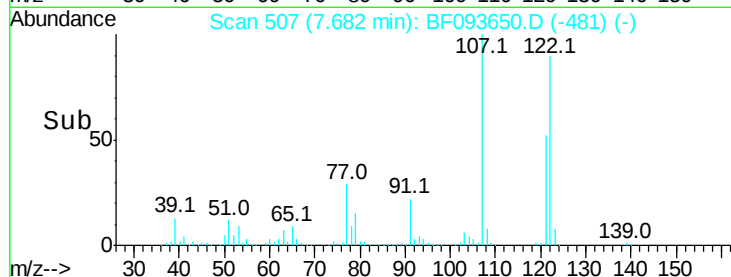
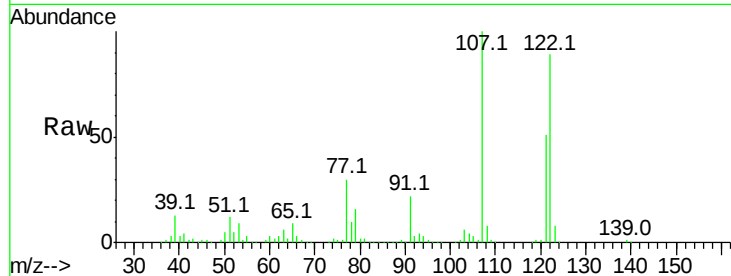
#27
2,4-Dimethylphenol
Concen: 37.10 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	94.1	141.1
121	57.6	46.0	69.0

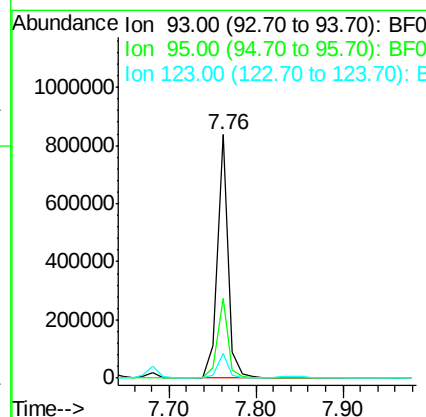
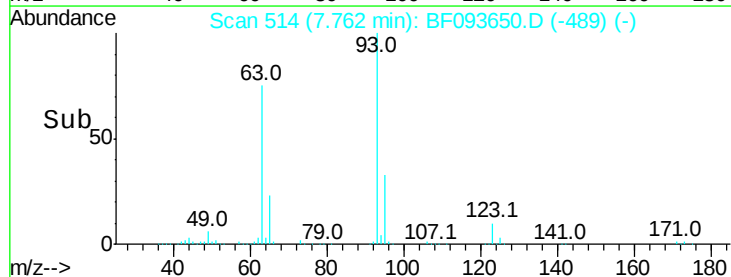
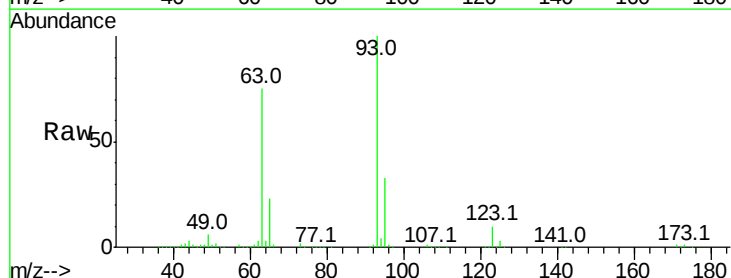
Manual Integrations
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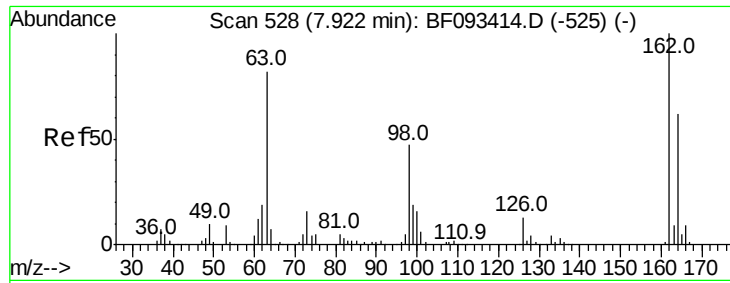
mohammad
3/15/2017 5:38:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.03 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	9.9	8.6	13.0





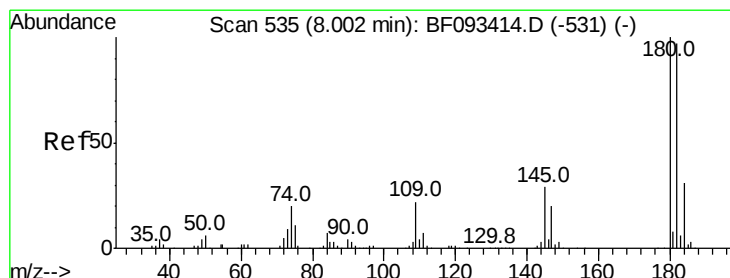
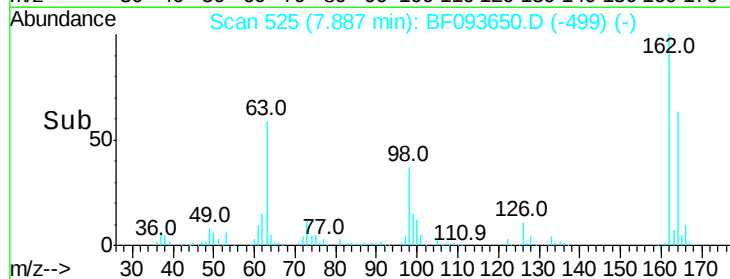
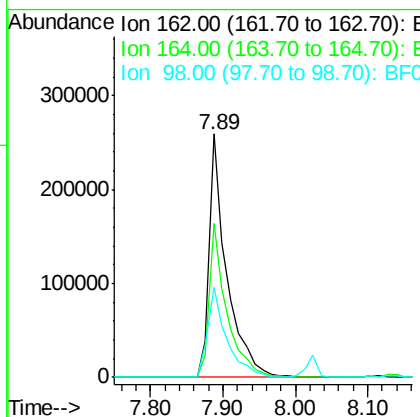
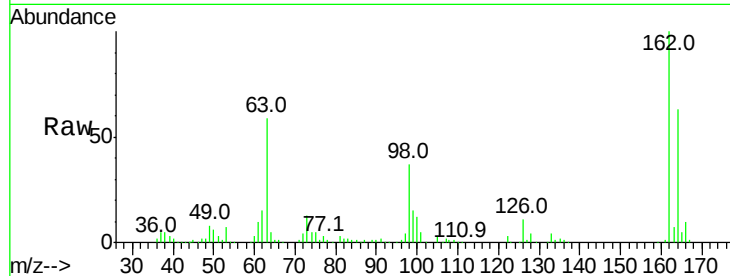
#29
 2,4-Dichlorophenol
 Concen: 38.50 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	433421		
164	63.4	46.8	86.8	
98	37.1	9.1	49.1	

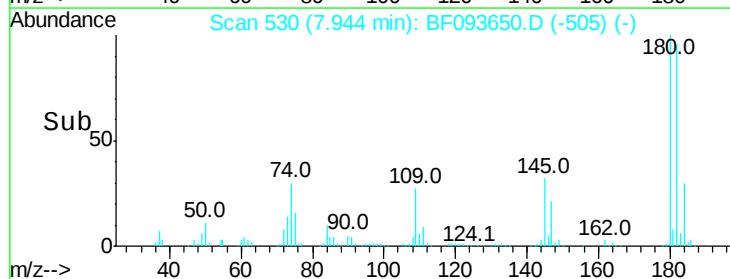
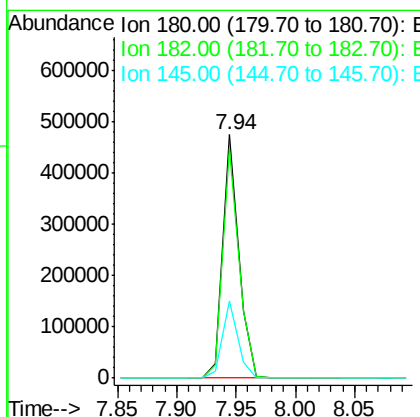
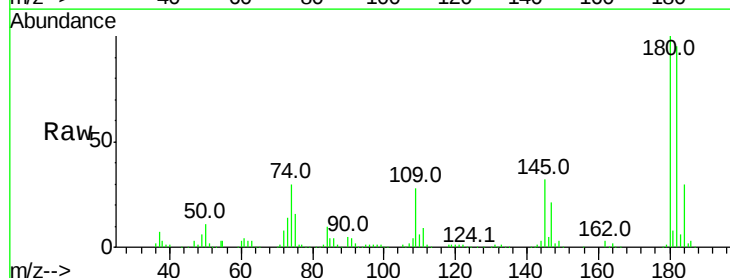
Manual Integrations
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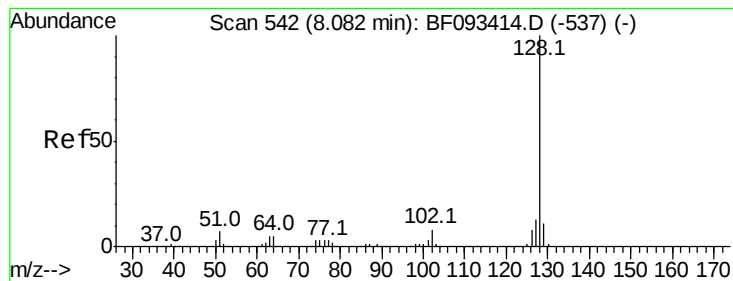
mohammad
 3/15/2017 5:38:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.71 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	439484		
182	94.5	78.2	117.4	
145	31.8	21.6	32.4	





#31

Naphthalene

Concen: 39.21 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1564085

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

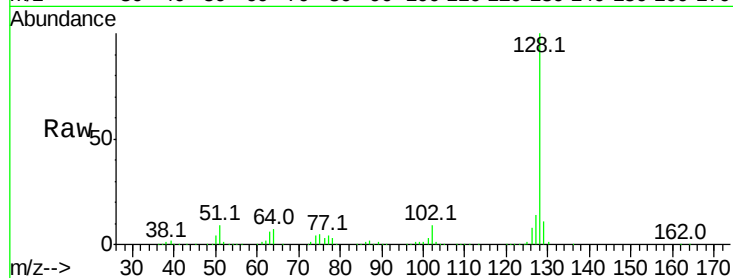
127 13.5 10.8 16.2

Manual Integrations

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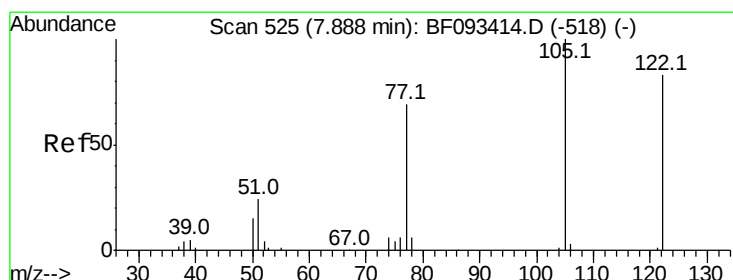
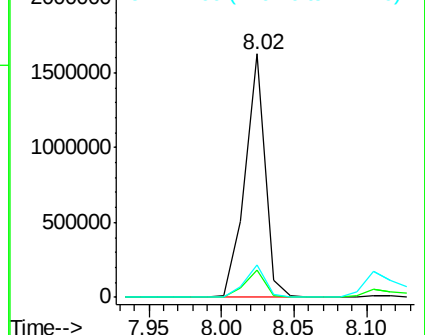
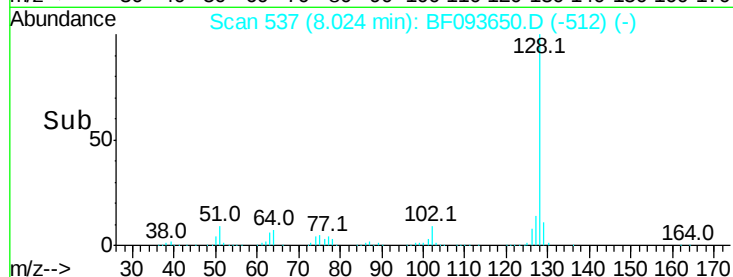
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.04 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

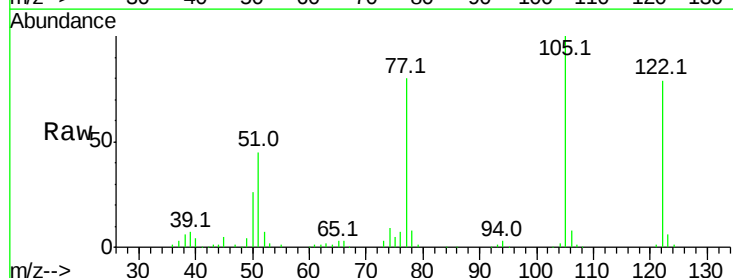
Tgt Ion:122 Resp: 242749

Ion Ratio Lower Upper

122 100

105 127.3 107.2 147.2

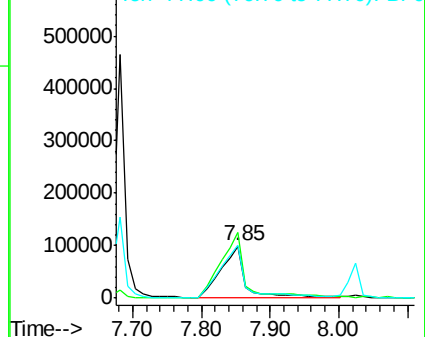
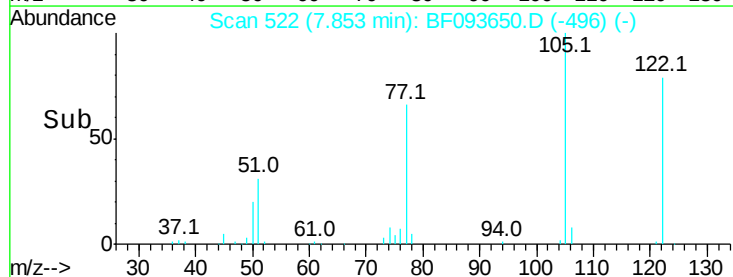
77 101.7 74.5 114.5

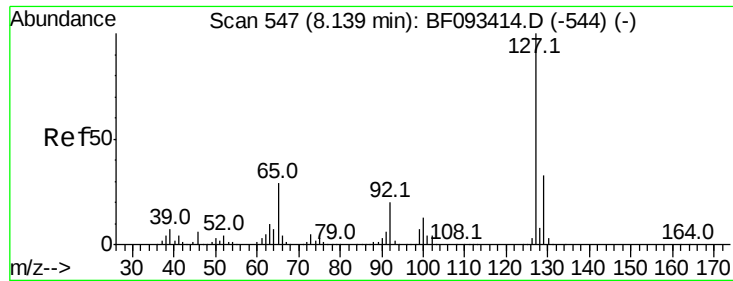


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





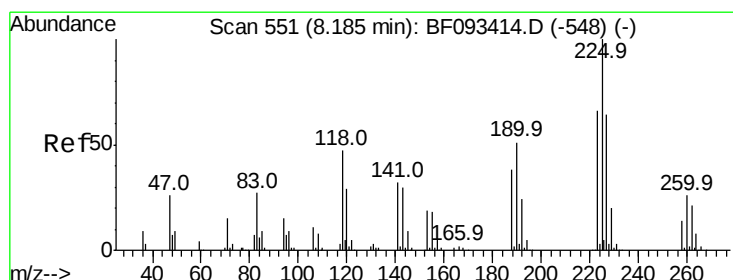
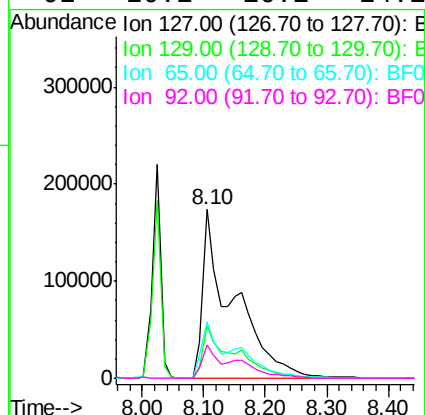
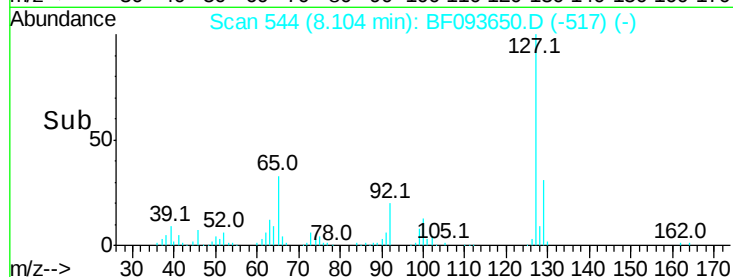
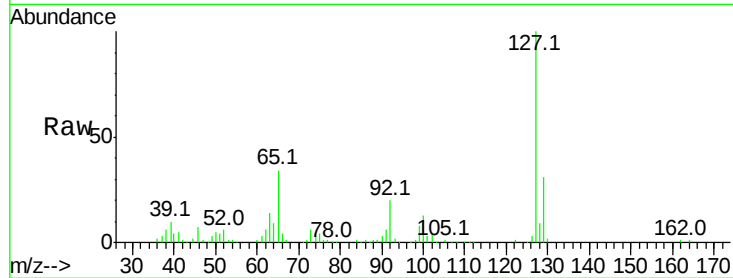
#33
4-Chloroaniline
Concen: 37.07 ng/ml
RT: 8.10 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.3	39.5	
65	33.6	25.8	38.8	
92	20.1	16.1	24.1	

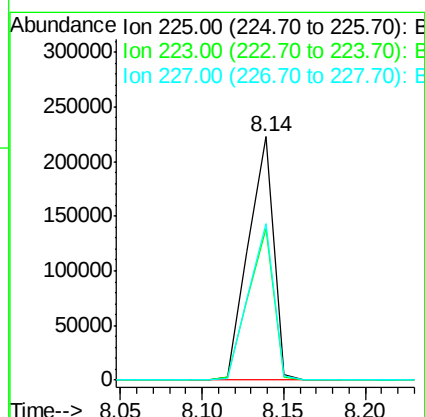
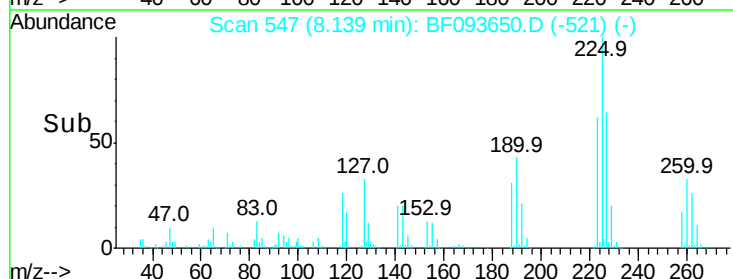
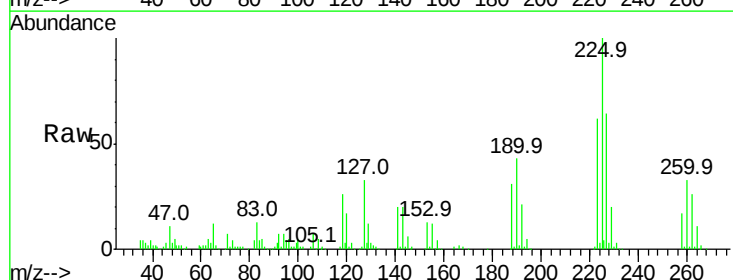
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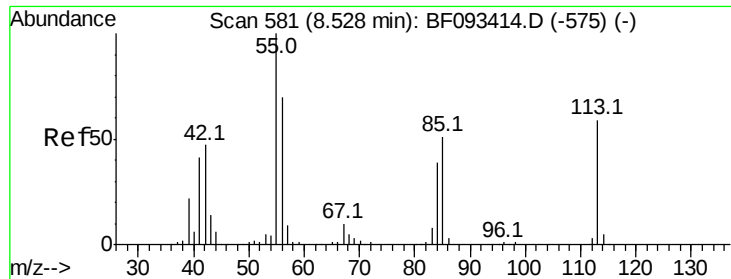
mohammad
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#34
Hexachlorobutadiene
Concen: 38.85 ng/ml
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	51.0	76.6	
227	64.2	50.6	76.0	





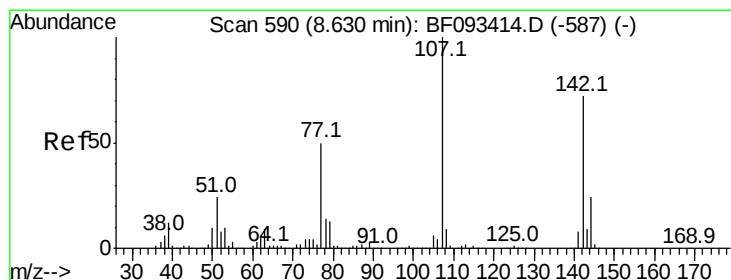
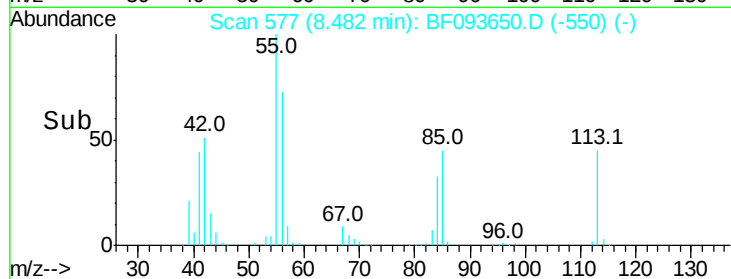
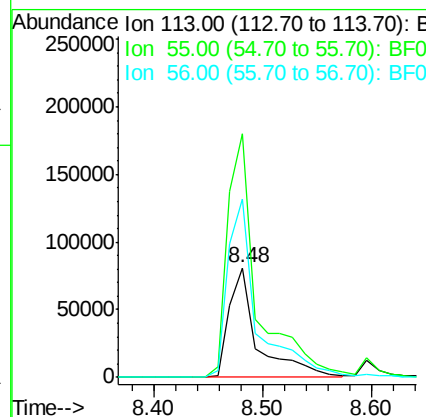
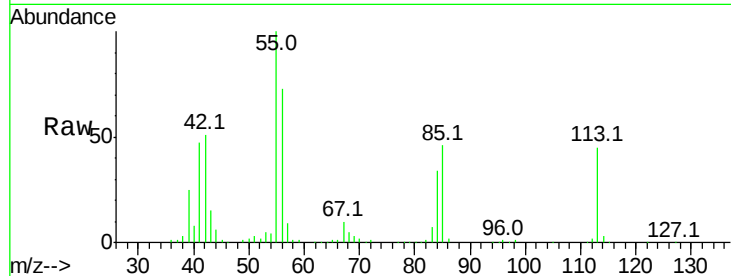
#35
 Caprolactam
 Concen: 38.24 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.8	119.2	159.2#
56	162.9	83.8	123.8#

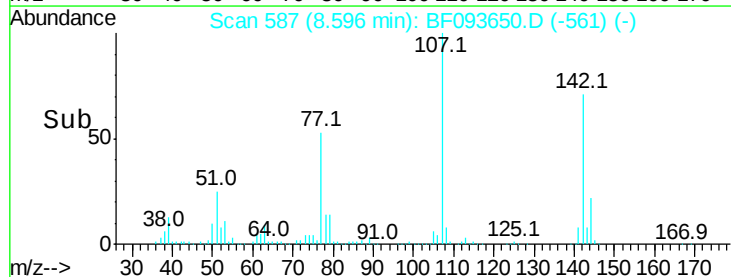
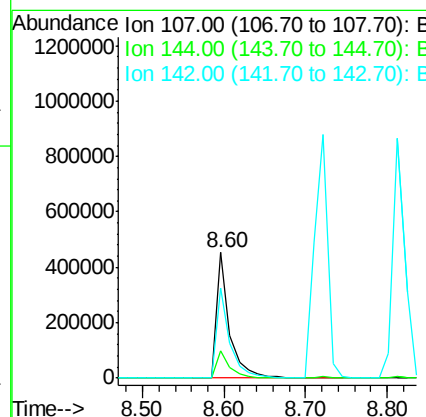
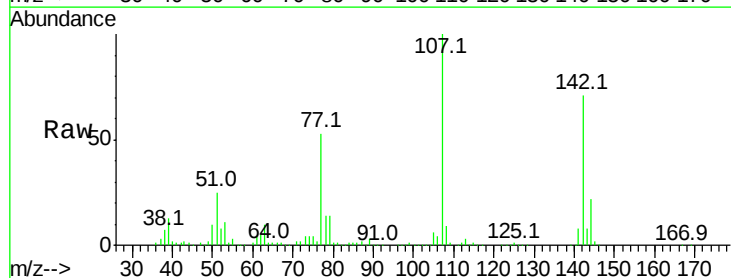
Manual Integrations
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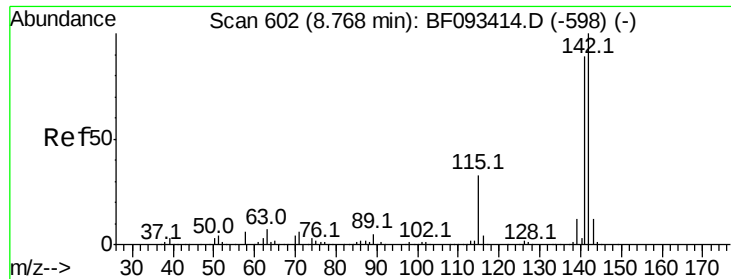
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 41.87 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	19.3	28.9
142	71.3	59.0	88.6





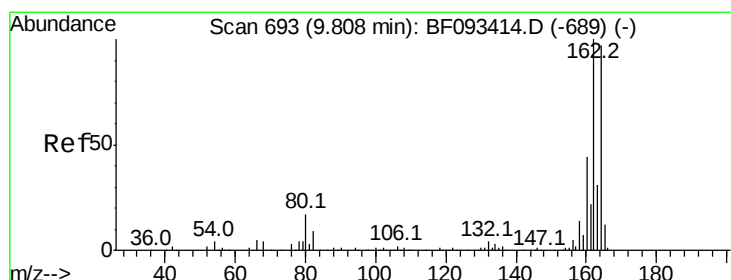
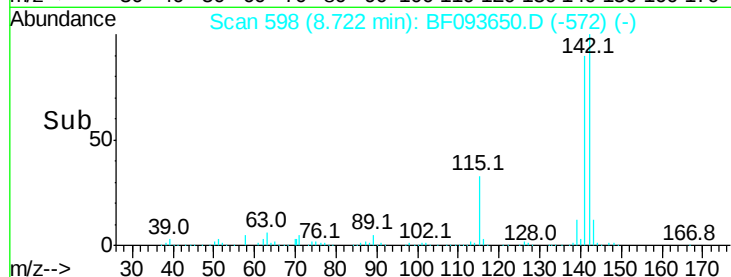
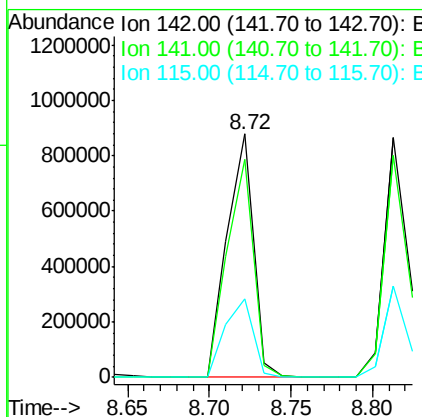
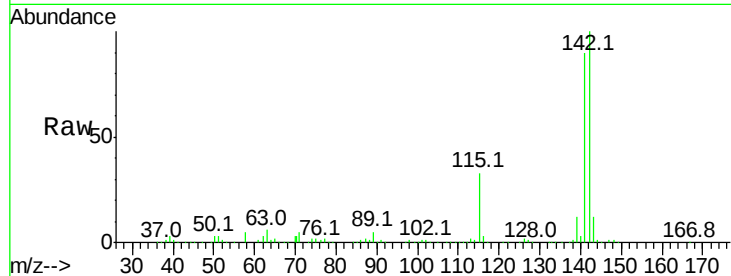
#37
2-Methylnaphthalene
Concen: 38.56 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	32.5	28.3	42.5

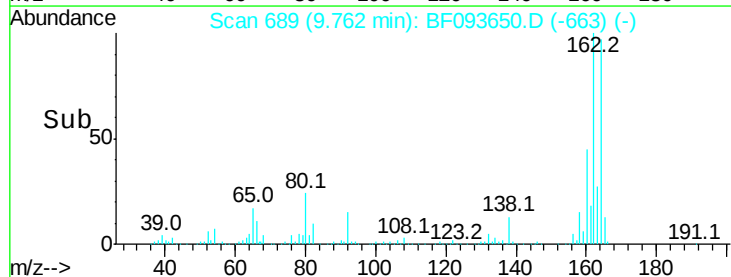
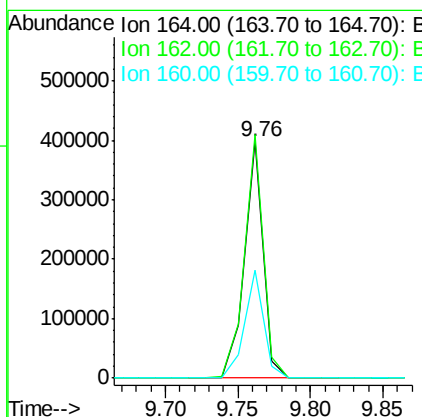
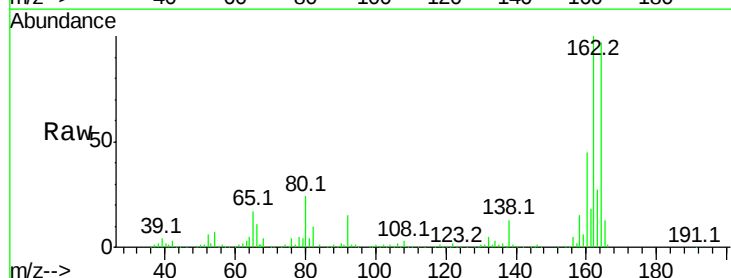
Manual Integrations
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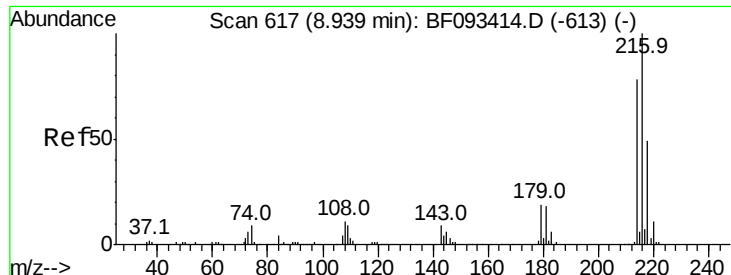
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	45.8	36.9	55.3





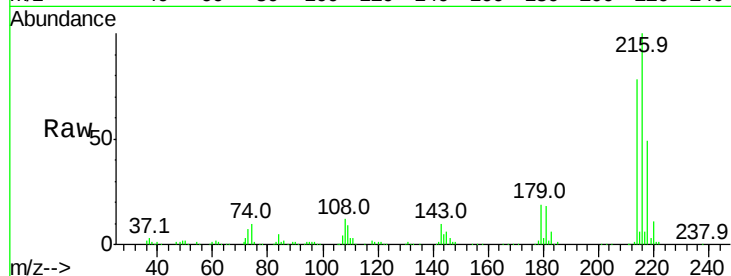
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.81 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

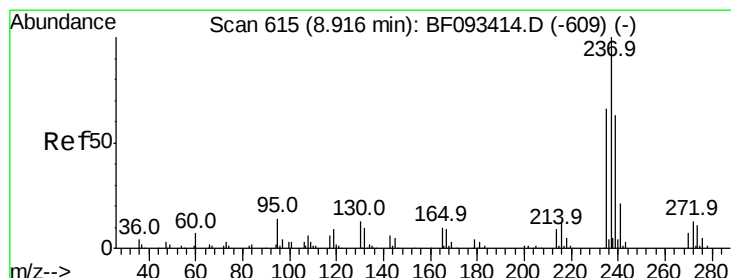
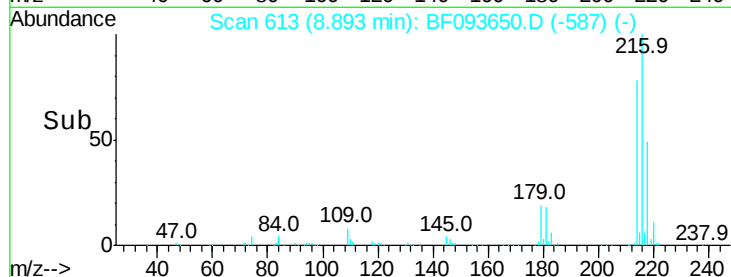
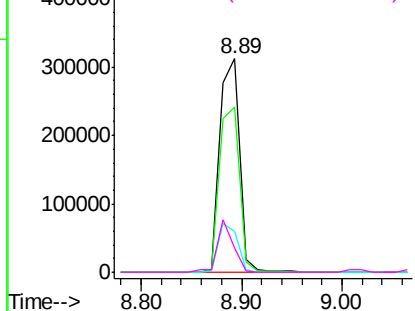
Tot Ion	Ratio	Resp	Lower	Upper
216	100	425942		
214	79.0		63.4	95.0
179	22.1		17.4	26.2
108	20.4		15.6	23.4

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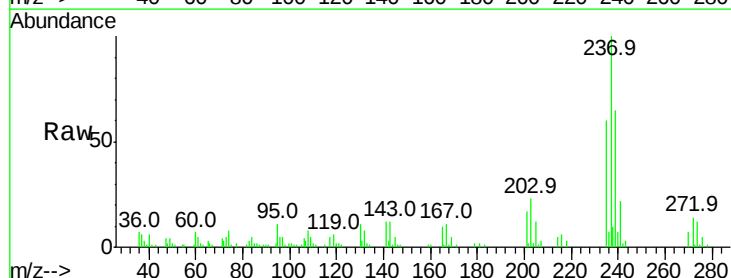


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

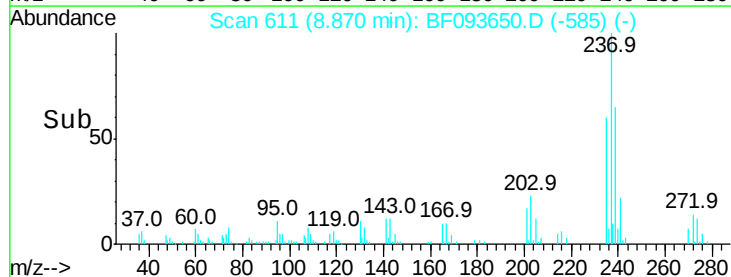
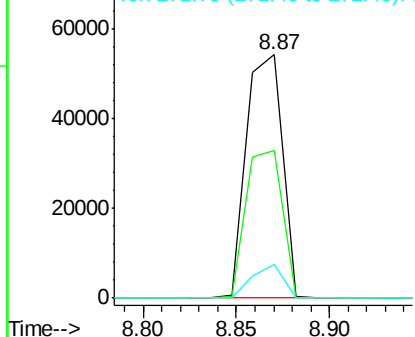


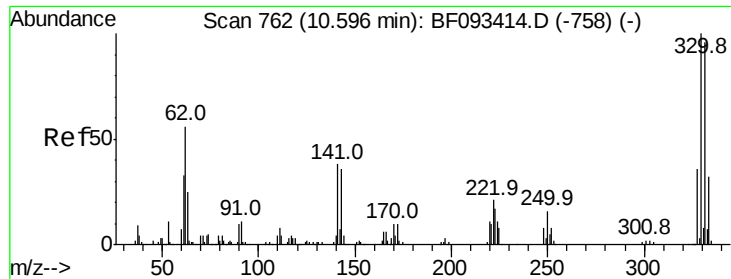
#40
 Hexachlorocyclopentadiene
 Concen: 37.19 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	72545		
235	60.4		41.2	81.2
272	13.6		0.0	35.4



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





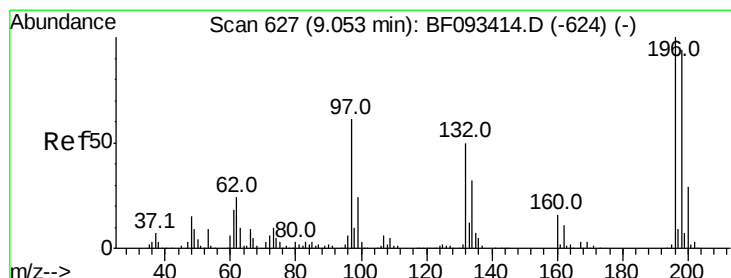
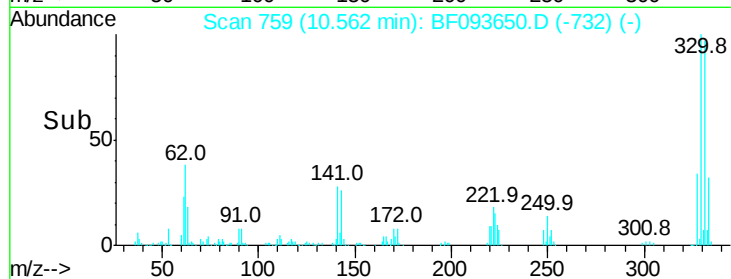
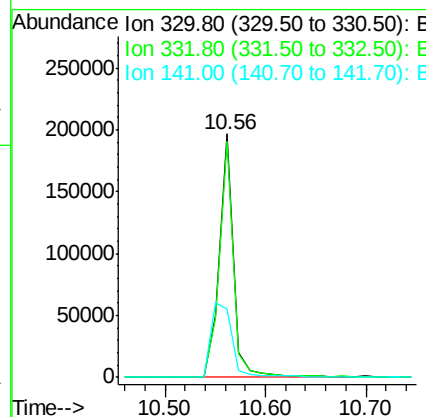
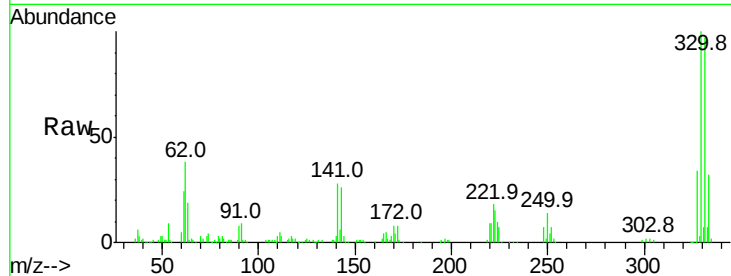
#41
 2,4,6-Tribromophenol
 Concen: 84.24 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195418		
332	97.9	77.4	116.2	
141	44.7	34.1	51.1	

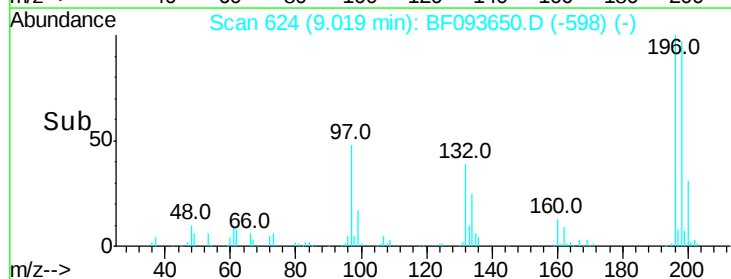
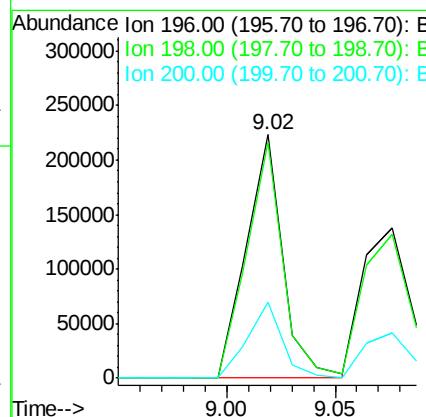
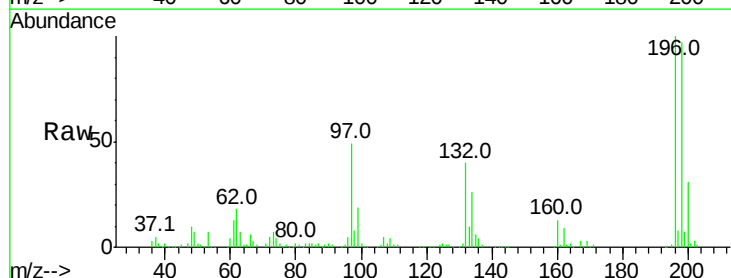
Manual Integrations
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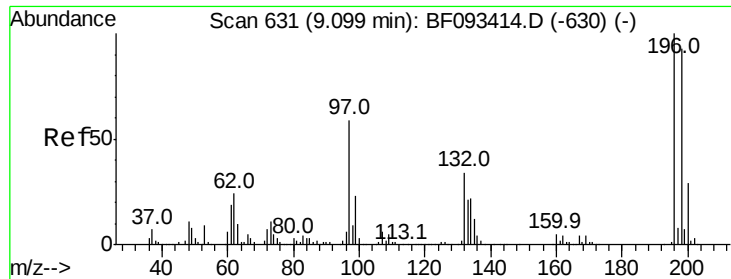
mohammad
 3/15/2017 5:38:49 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.65 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259069		
198	97.2	82.1	123.1	
200	31.5	27.0	40.4	





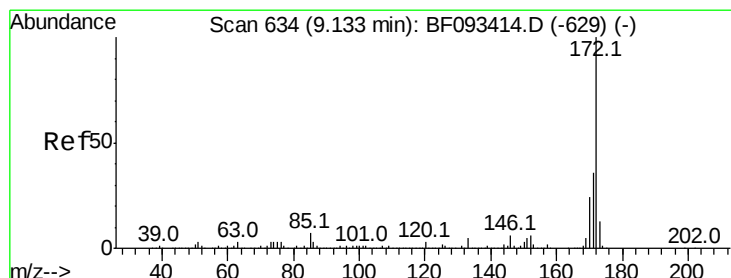
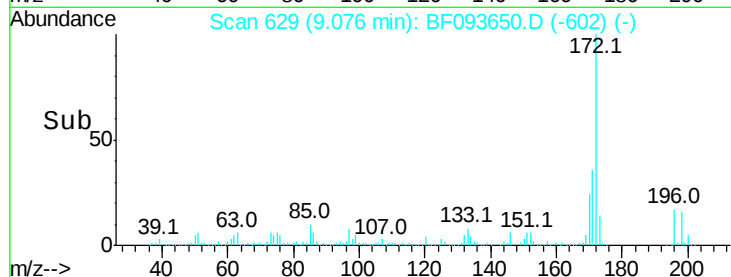
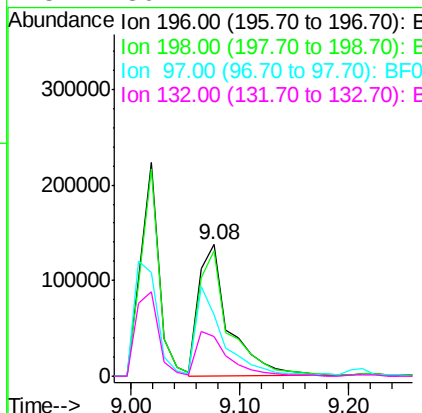
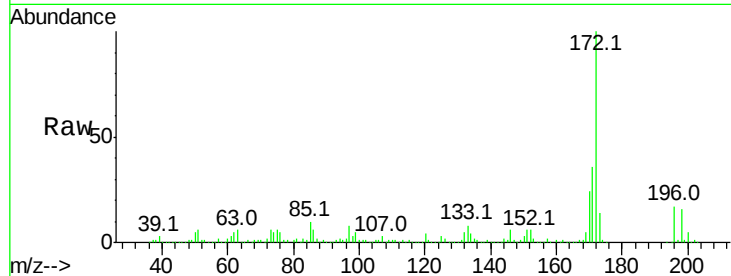
#43
 2,4,5-Trichlorophenol
 Concen: 40.54 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	264235		
198	95.4	79.4	119.2	
97	47.1	51.5	77.3	
132	30.4	27.4	41.2	

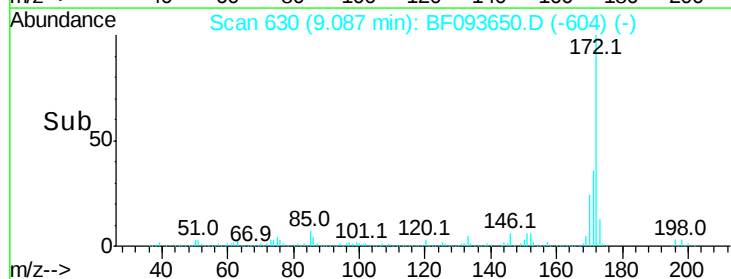
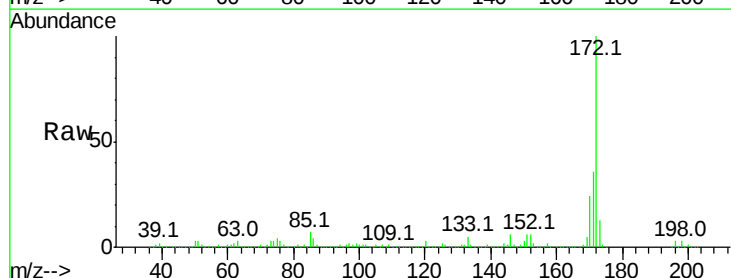
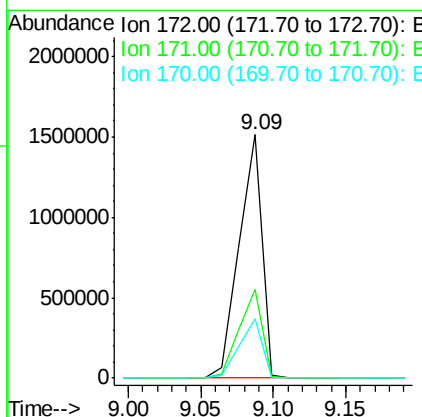
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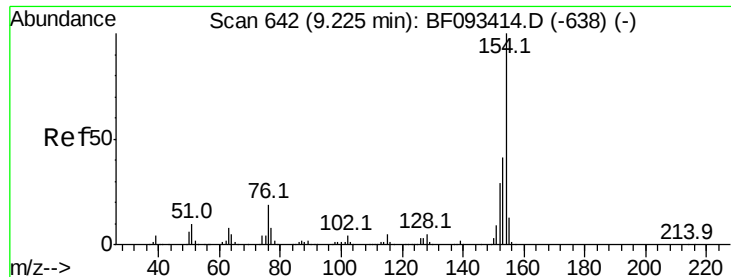
mohammad
 3/15/2017 5:38:49 PM



#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1658429		
171	36.4	29.4	44.0	
170	24.5	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 43.64 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:154 Resp: 1131858

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

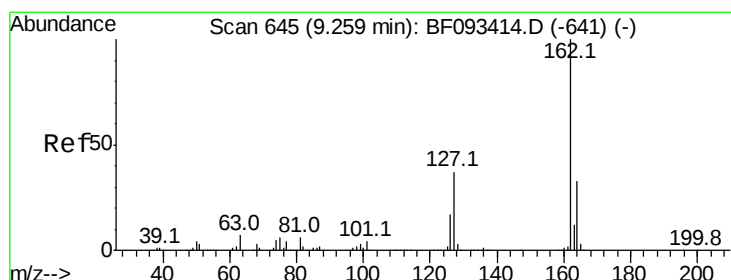
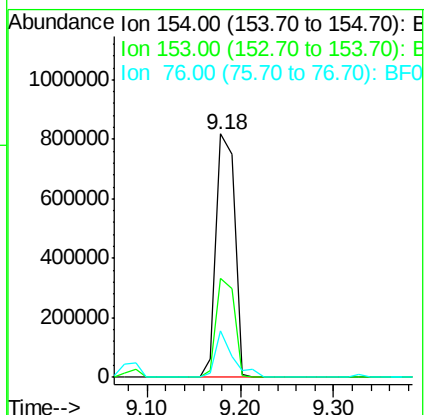
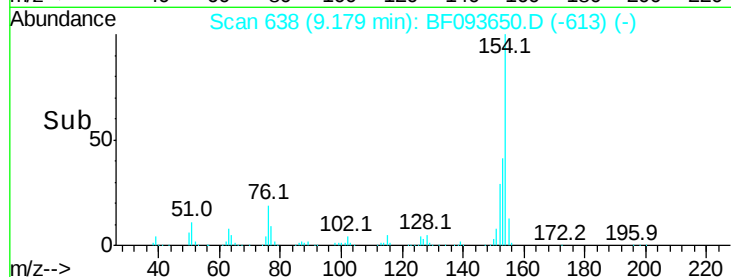
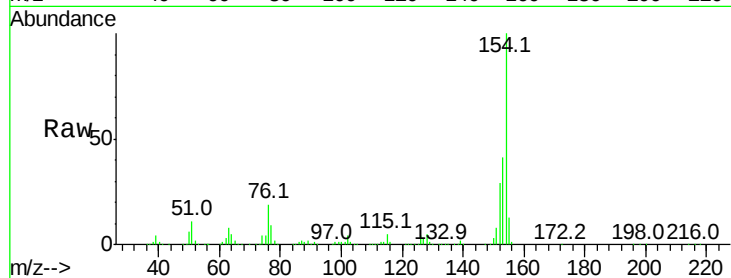
76 19.2 0.0 30.5

Manual Integrations

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#46

2-Chloronaphthalene

Concen: 46.67 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

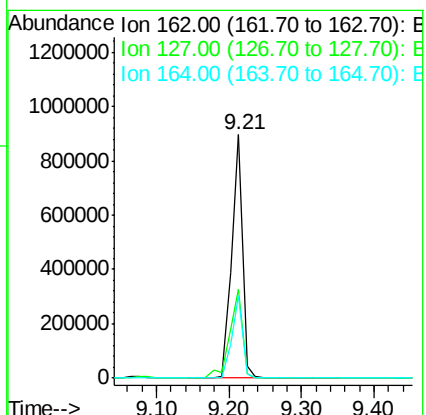
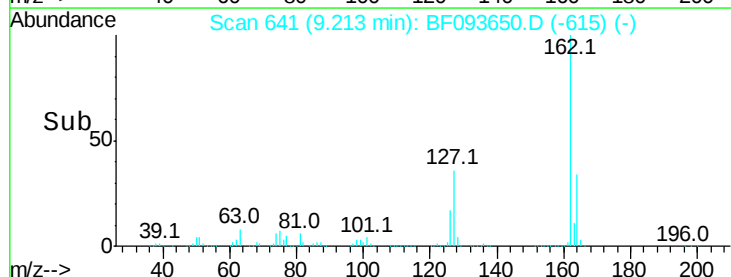
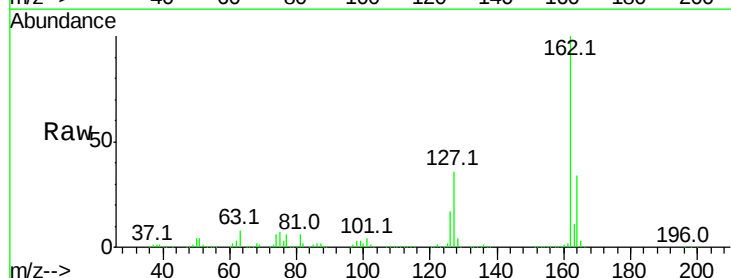
Tgt Ion:162 Resp: 926510

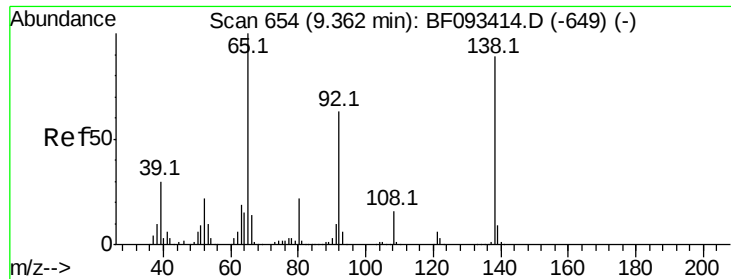
Ion Ratio Lower Upper

162 100

127 36.2 30.7 46.1

164 33.7 27.6 41.4





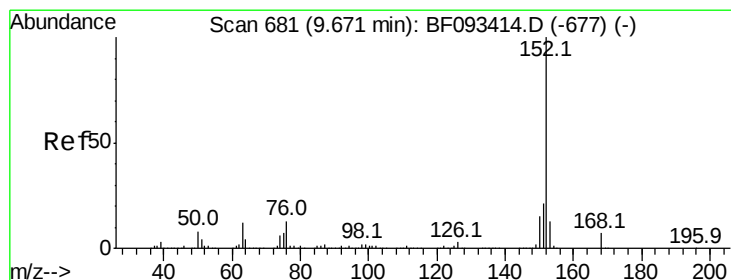
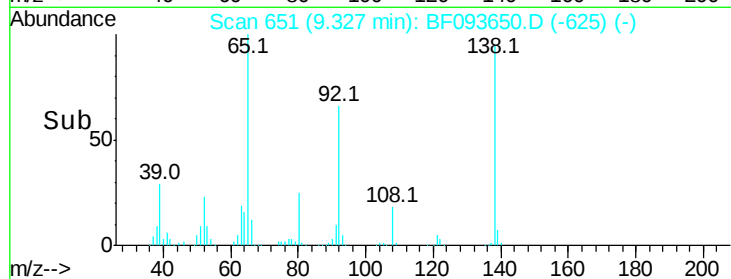
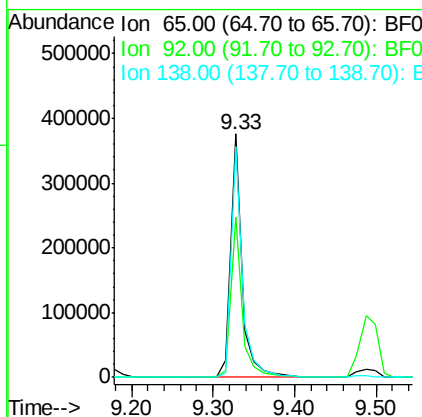
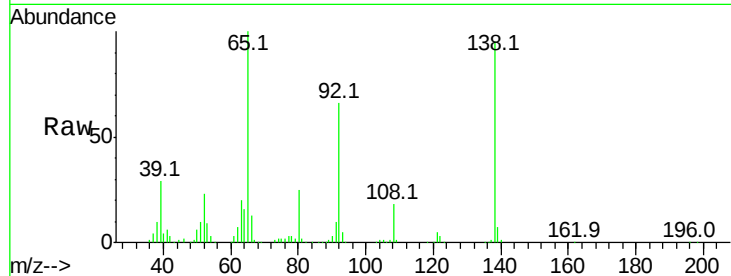
#47
2-Nitroaniline
Concen: 51.20 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	94.6	76.8	115.2

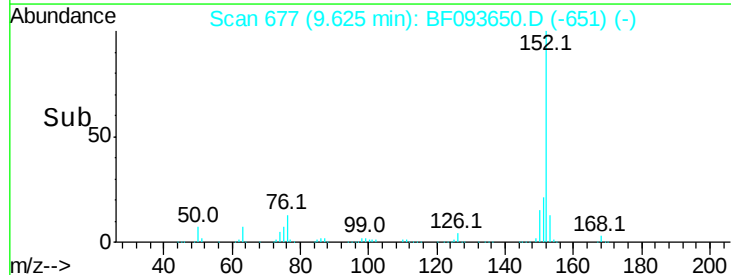
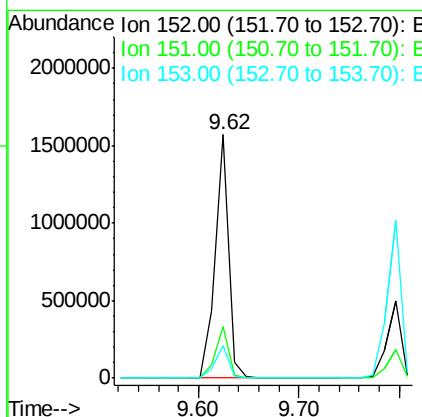
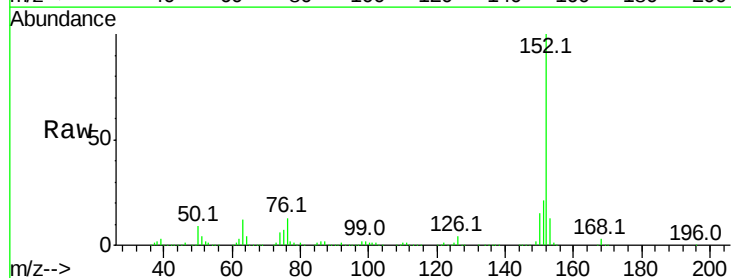
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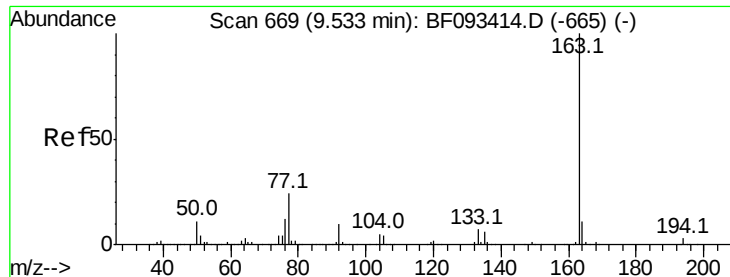
mohammad
3/15/2017 5:38:49 PM



#48
Acenaphthylene
Concen: 44.50 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	13.4	11.4	17.2





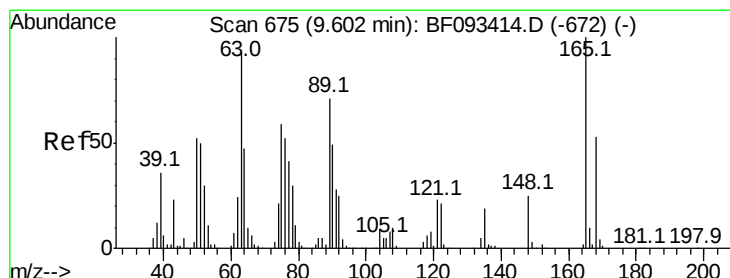
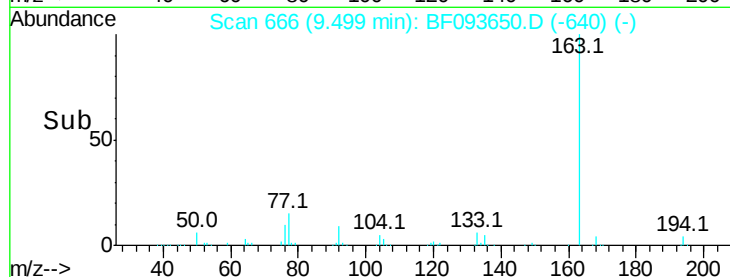
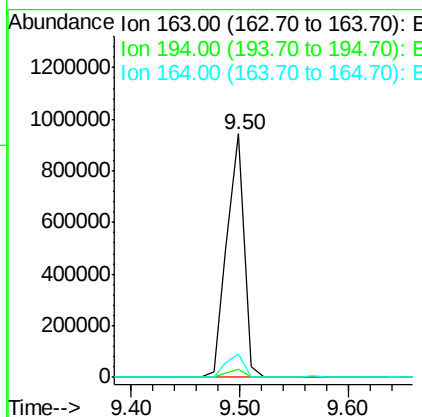
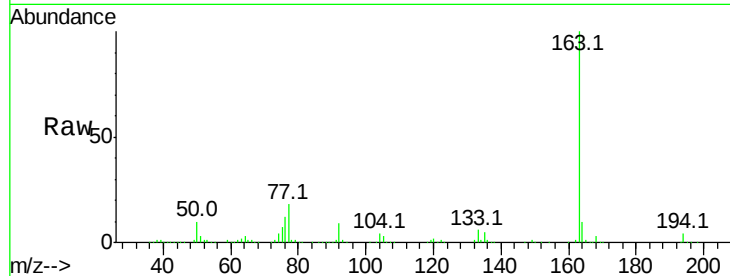
#49
Dimethylphthalate
Concen: 43.84 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1034852
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.9 8.0 12.0

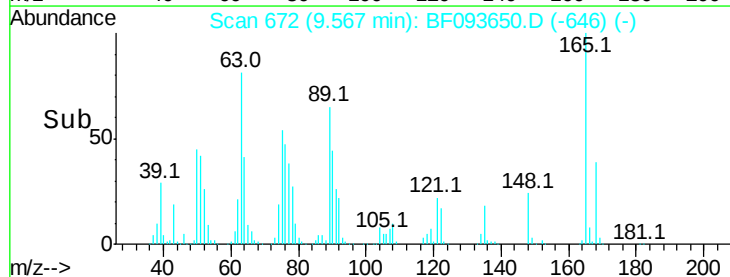
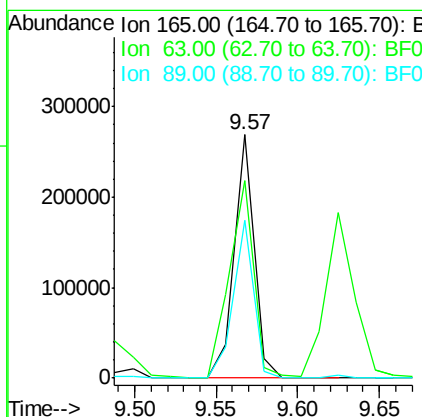
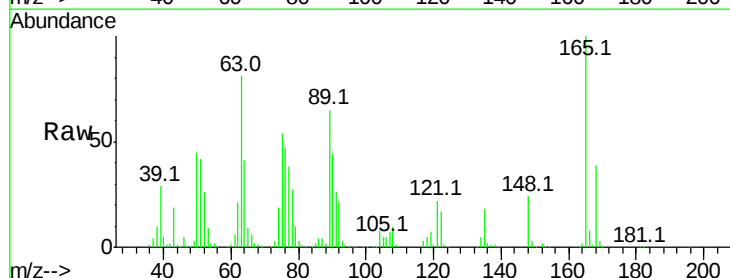
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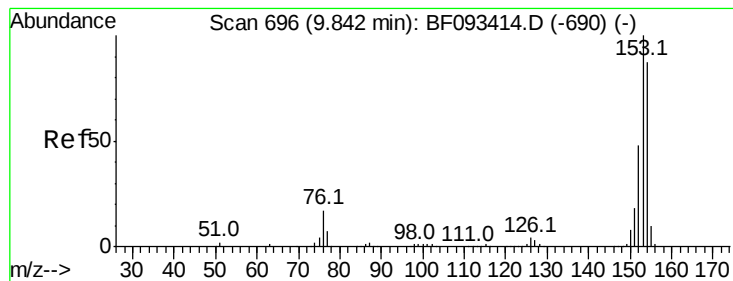
mohammad
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#50
2,6-Dinitrotoluene
Concen: 43.63 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion:165 Resp: 225955
Ion Ratio Lower Upper
165 100
63 81.4 36.2 54.4#
89 65.0 40.2 60.4#





#51

Acenaphthene

Concen: 44.49 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

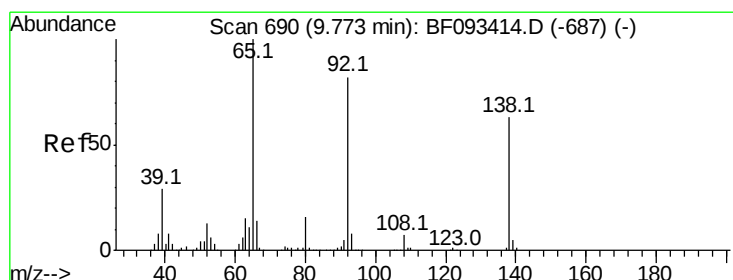
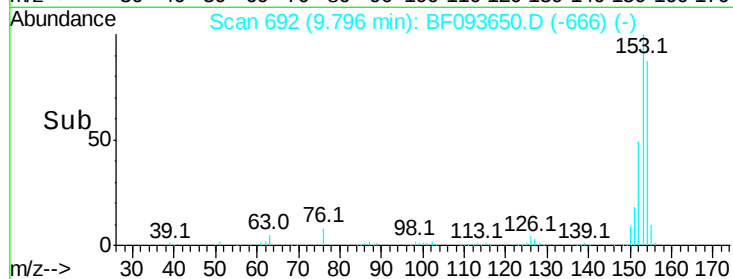
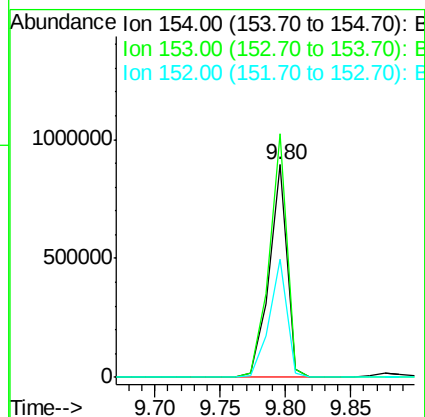
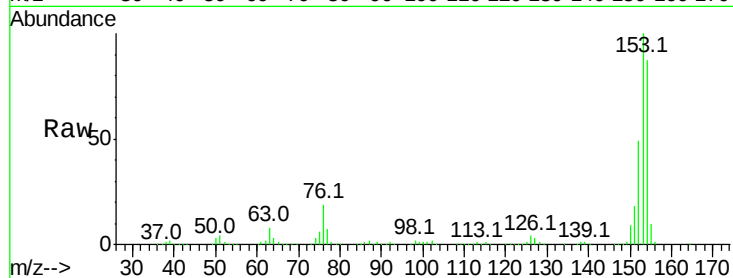
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	861514
Ion Ratio	Lower	Upper	
154	100		
153	114.5	88.6	133.0
152	55.8	41.6	62.4

Manual Integrations
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3/15/2017 5:38:49 PM



#52

3-Nitroaniline

Concen: 42.62 ng

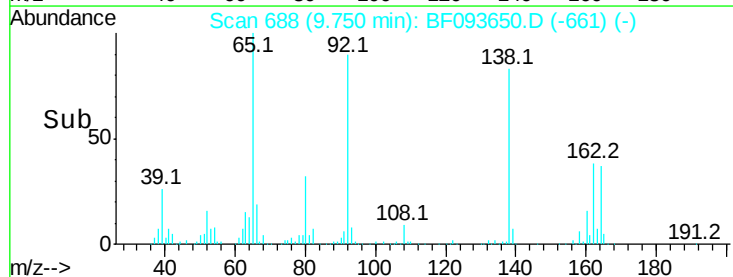
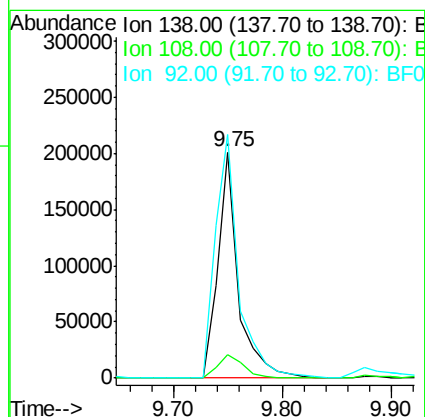
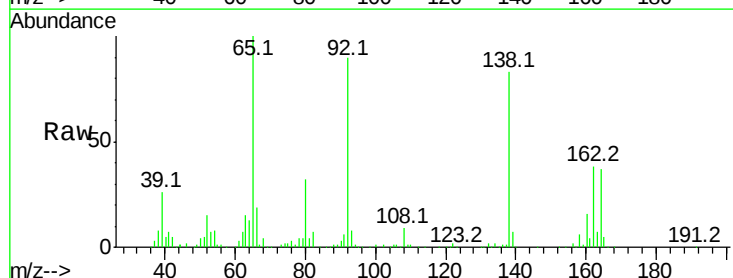
RT: 9.75 min Scan# 688

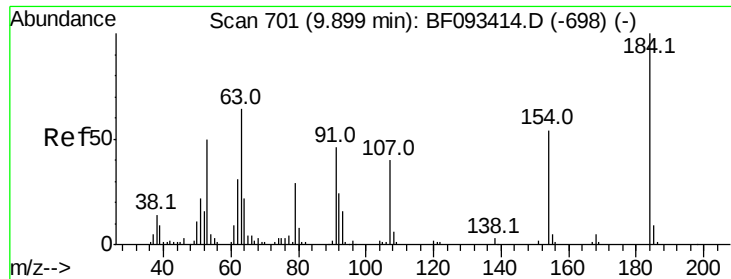
Delta R.T. 0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion:	138	Resp:	265184
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.5	12.7
92	107.9	97.8	146.8





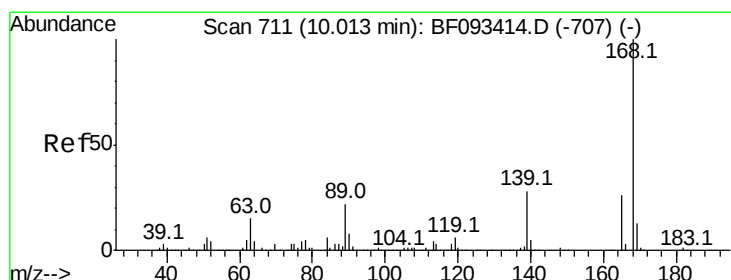
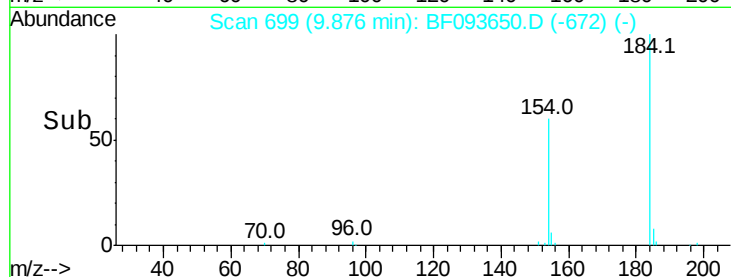
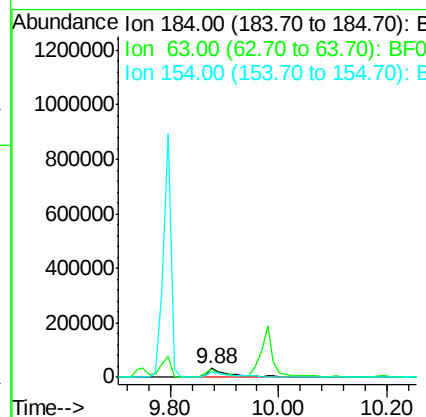
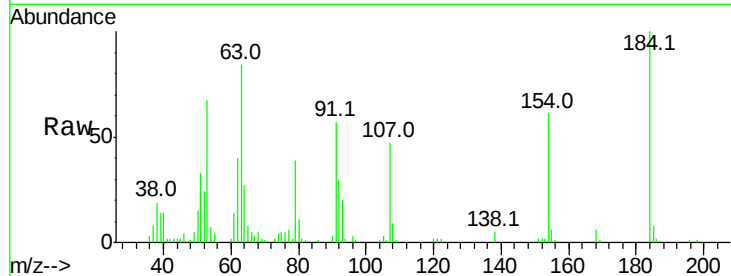
#53
2,4-Dinitrophenol
Concen: 45.41 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	107100		
63	84.4	28.4	42.6#	
154	60.9	44.3	66.5	

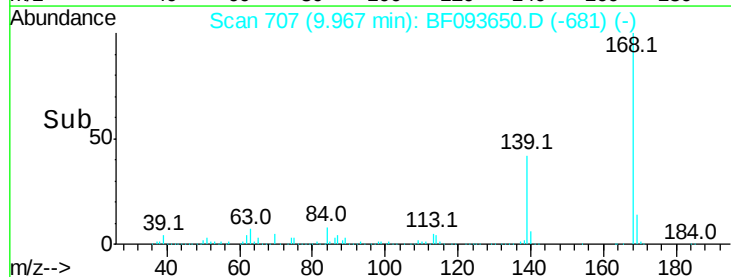
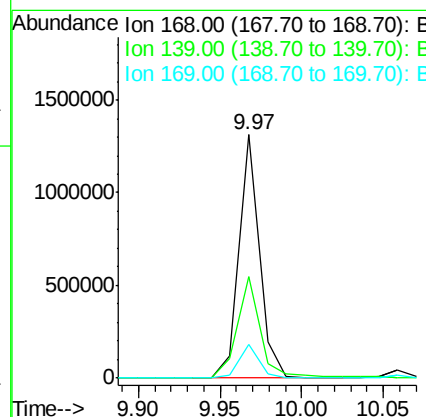
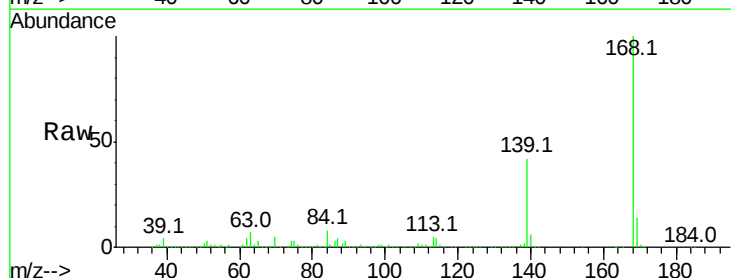
Manual Integrations
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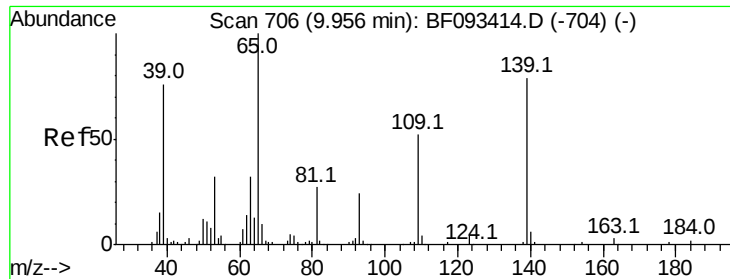
mohammad
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#54
Dibenzofuran
Concen: 46.36 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1123565		
139	41.8	32.6	49.0	
169	13.7	11.3	16.9	





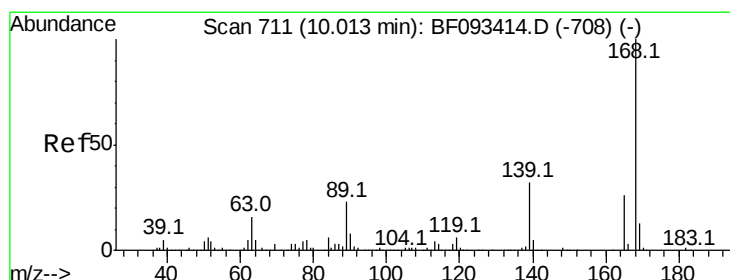
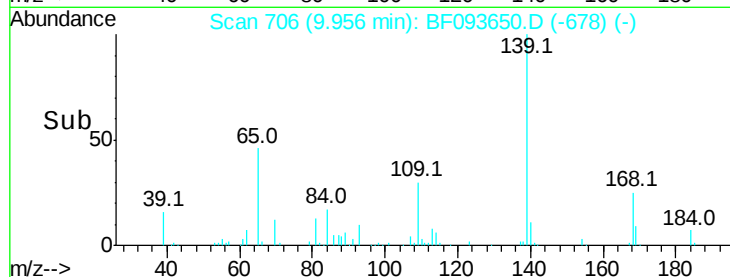
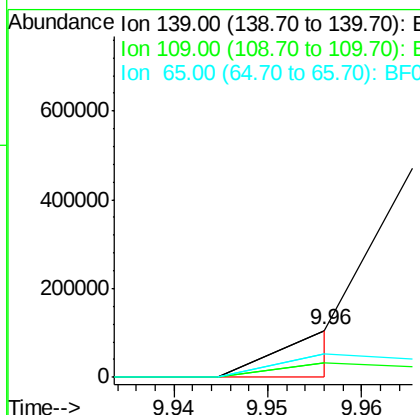
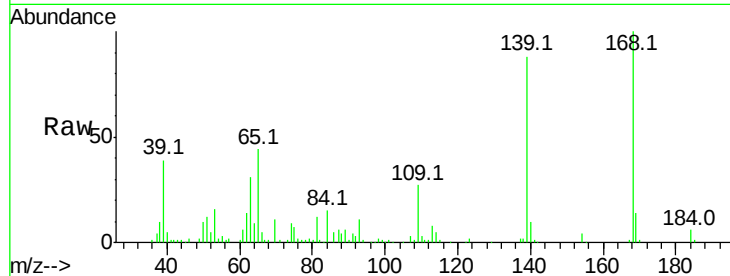
#55
4-Nitrophenol
Concen: 24.06 ng/mL
RT: 9.96 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	30.4	52.2	92.2#
65	50.1	85.8	125.8#

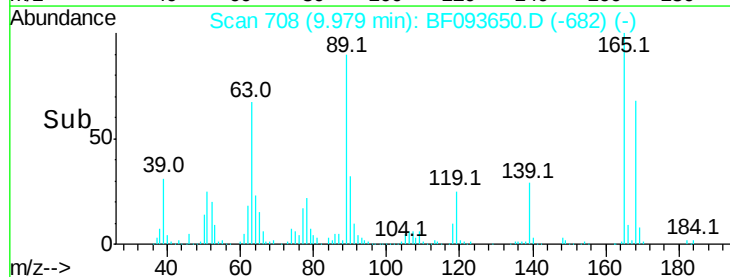
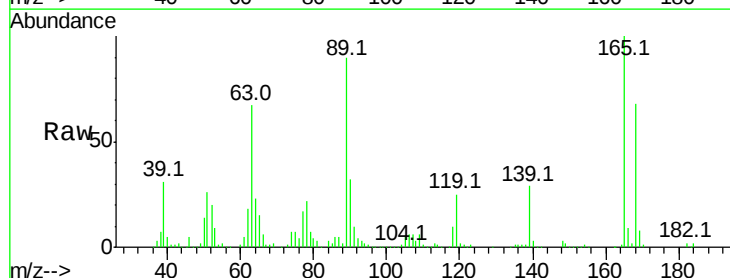
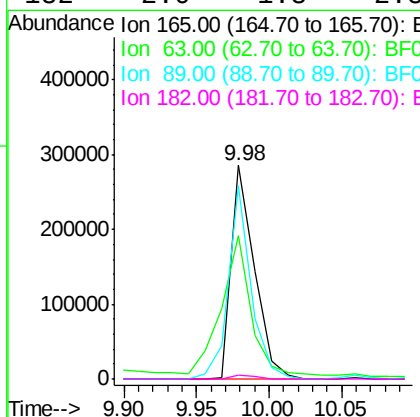
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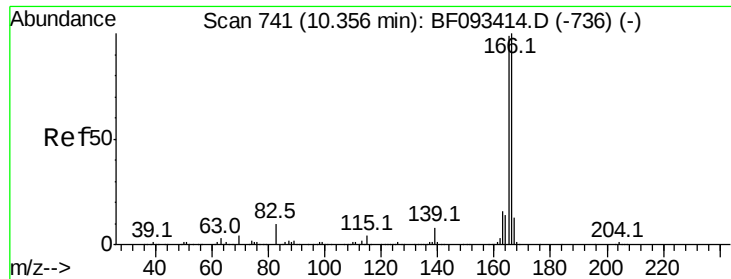
mohammad
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#56
2,4-Dinitrotoluene
Concen: 49.56 ng/mL
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.0	40.2	60.4#
89	90.2	62.5	93.7
182	2.0	1.8	2.8





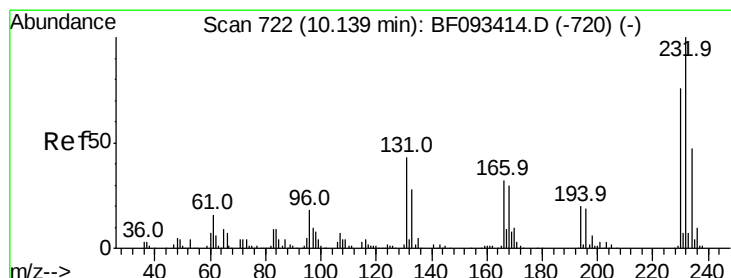
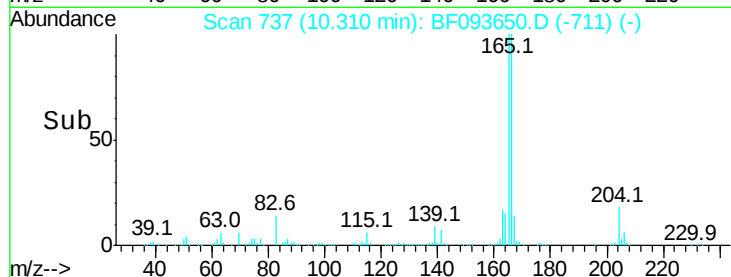
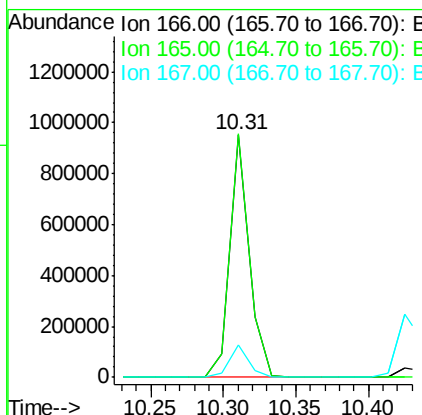
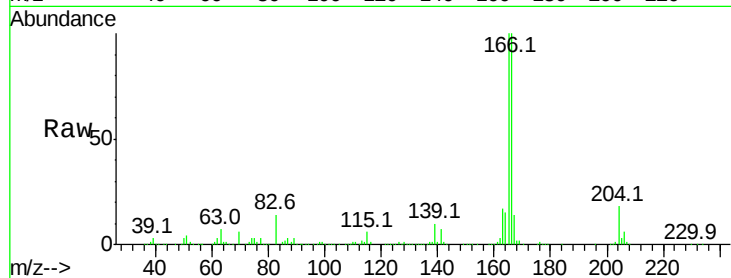
#57
 Fluorene
 Concen: 43.30 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		889173		
165	100.3	77.8		116.8	
167	13.6	10.8		16.2	

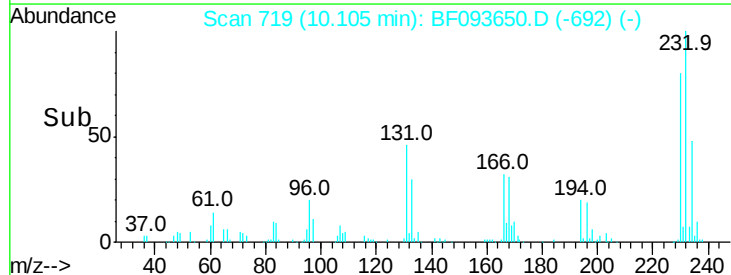
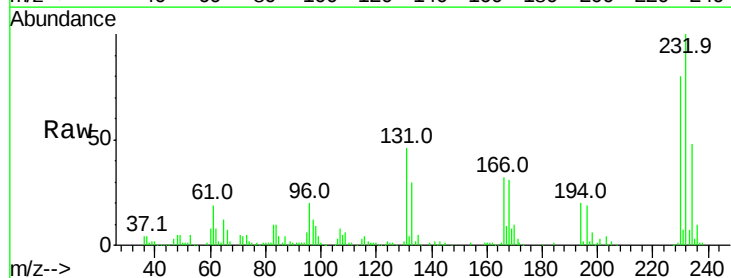
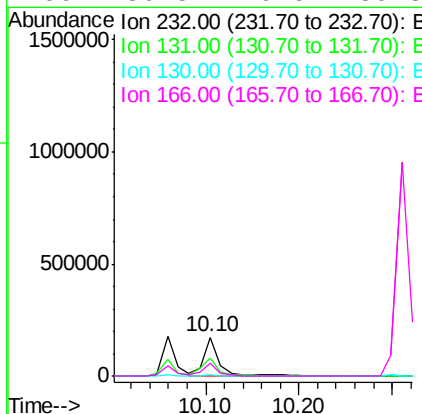
Manual Integrations
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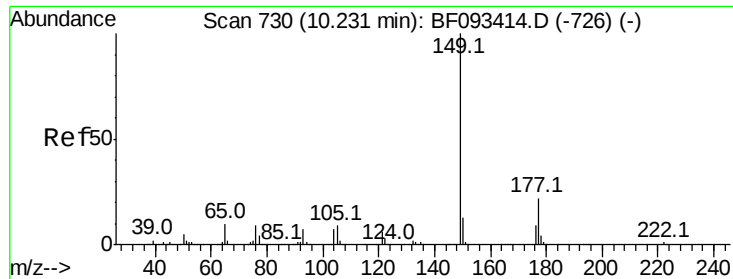
mohammad
 3/15/2017 5:38:49 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.16 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		198520		
131	48.1	40.1		60.1	
130	2.5	1.8		2.8	
166	30.5	26.6		39.8	





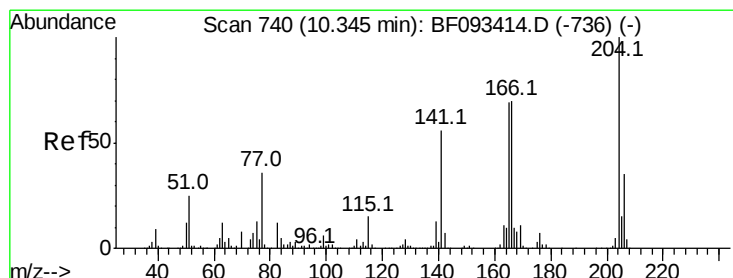
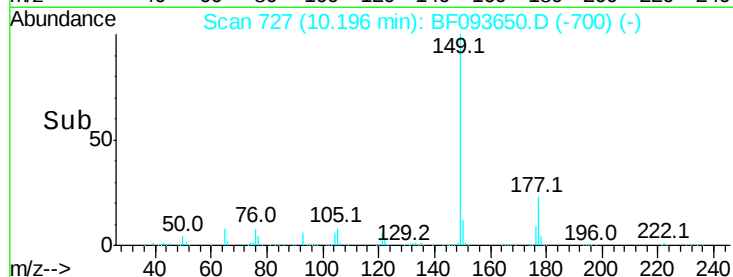
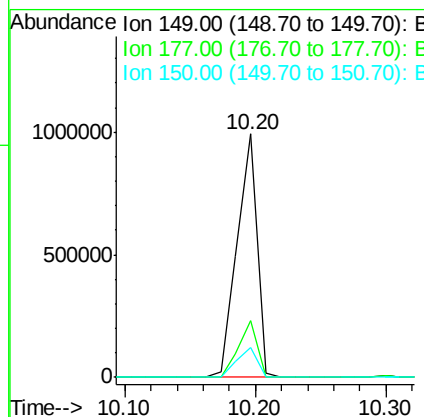
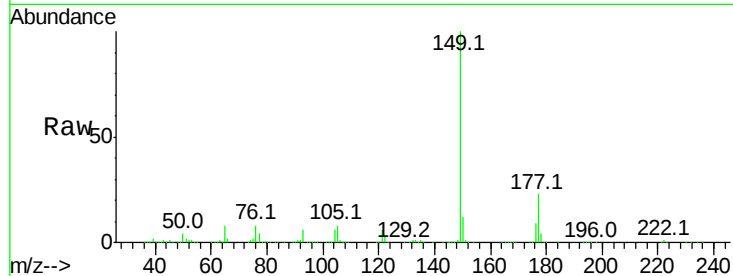
#59
Diethylphthalate
Concen: 46.39 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion:149 Resp: 1046531
Ion Ratio Lower Upper
149 100
177 23.5 16.6 25.0
150 12.3 10.4 15.6

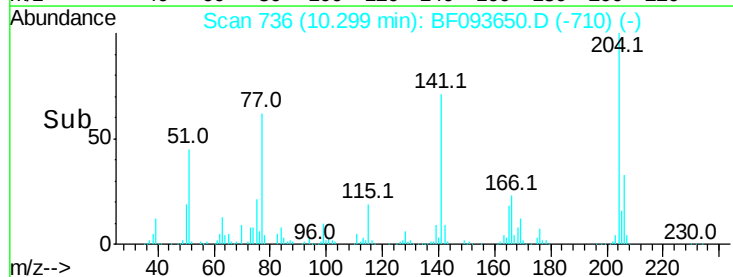
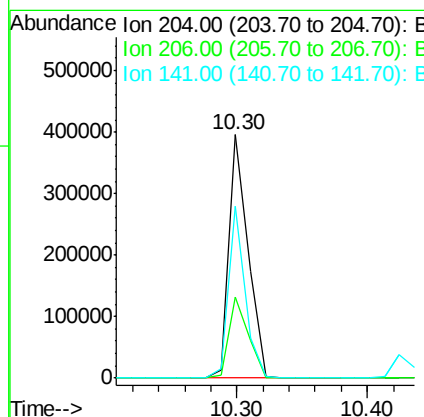
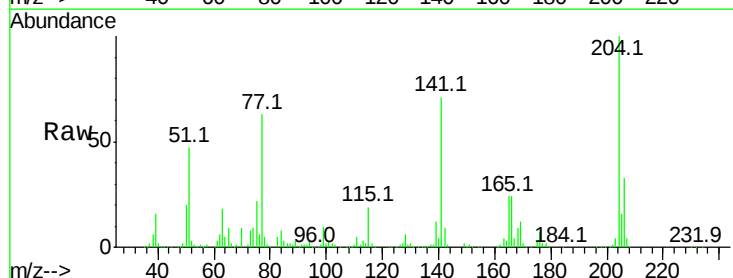
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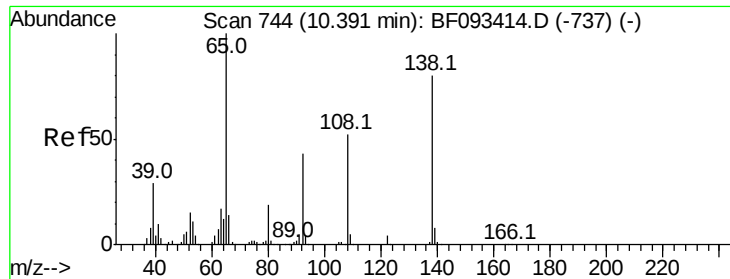
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.82 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion:204 Resp: 403368
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 70.8 59.4 89.0





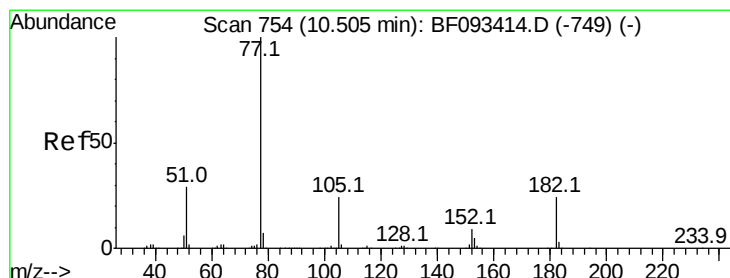
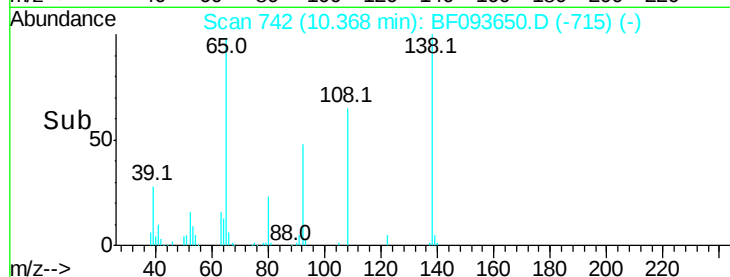
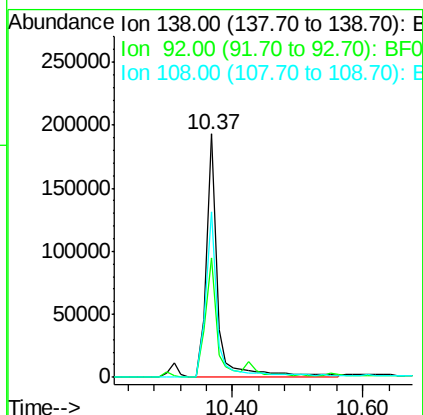
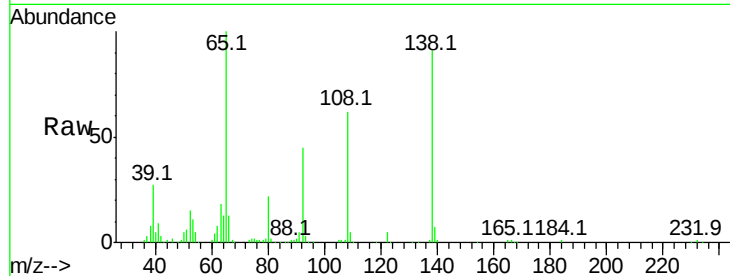
#61
4-Nitroaniline
Concen: 36.86 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.7	71.7
108	68.0	52.6	92.6

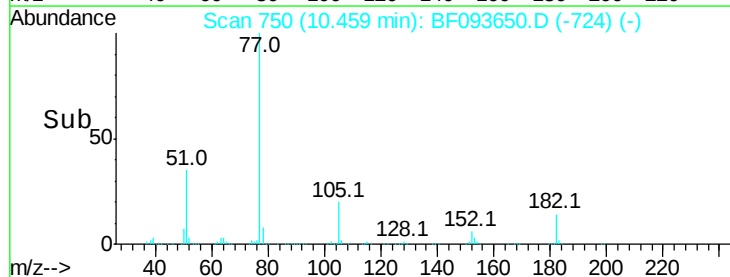
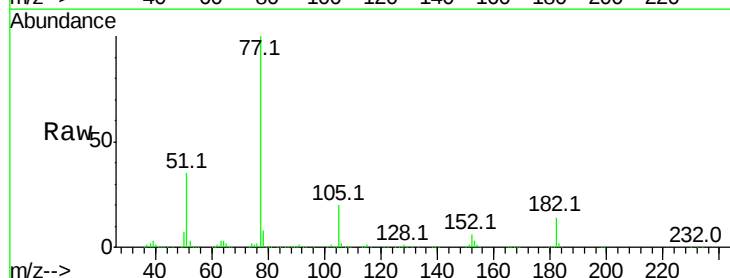
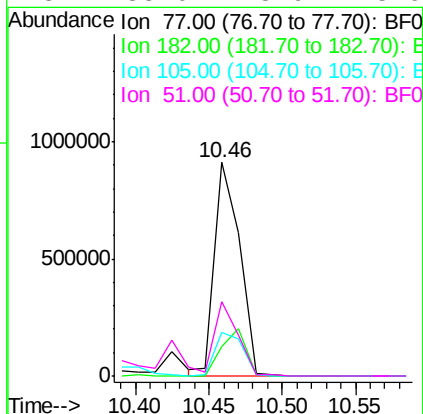
Manual Integrations
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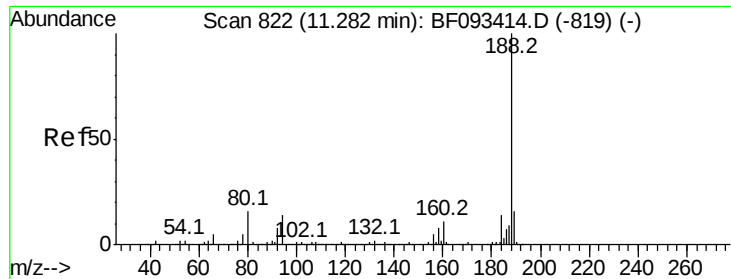
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#62
Azobenzene
Concen: 42.25 ng m
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.0	0.0	39.3
105	20.3	2.3	42.3
51	35.0	8.9	48.9





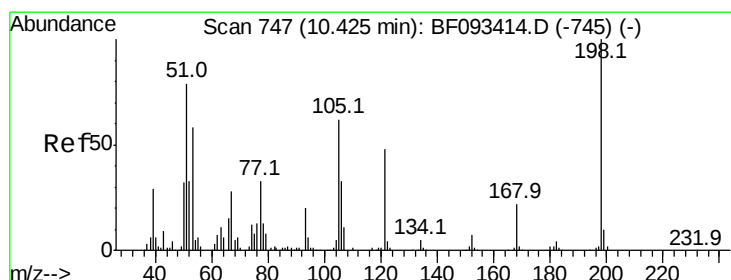
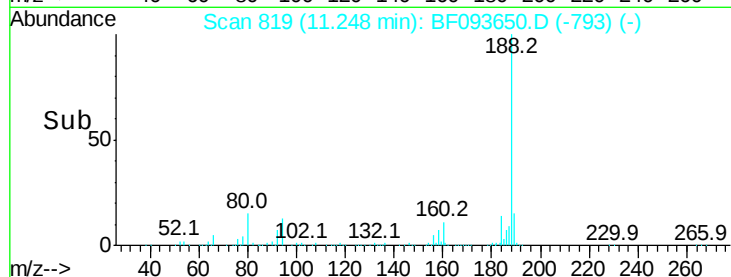
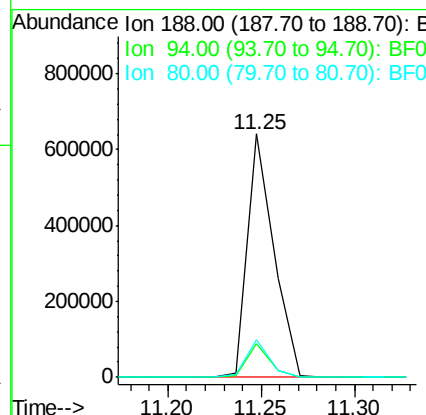
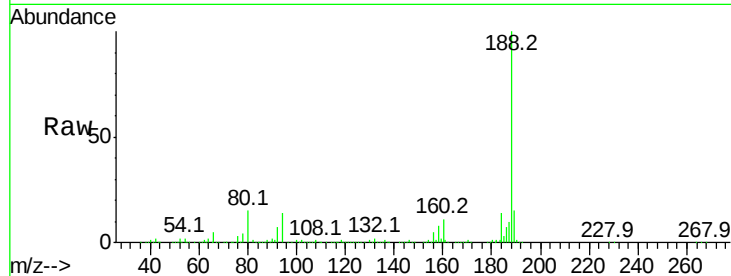
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	630894		
94	13.7		10.0	15.0
80	15.2		11.2	16.8

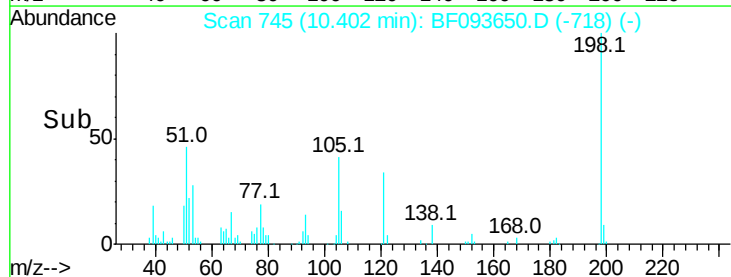
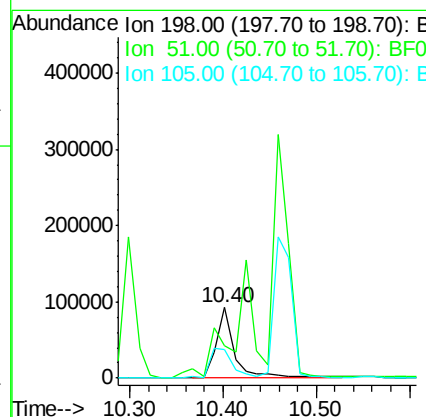
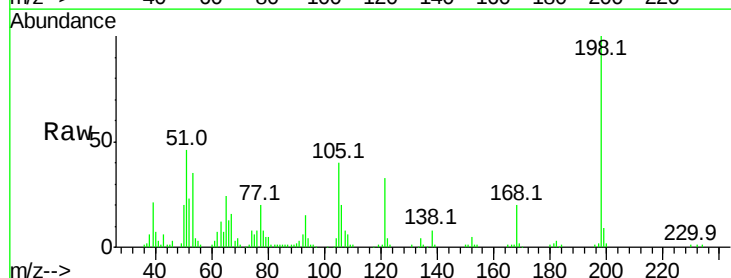
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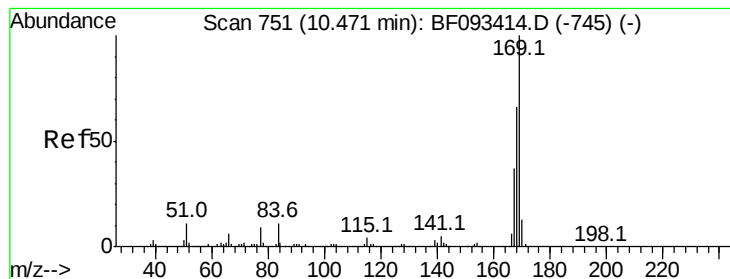
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 31.48 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	128668		
51	46.1		6.7	46.7
105	40.3		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 37.13 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

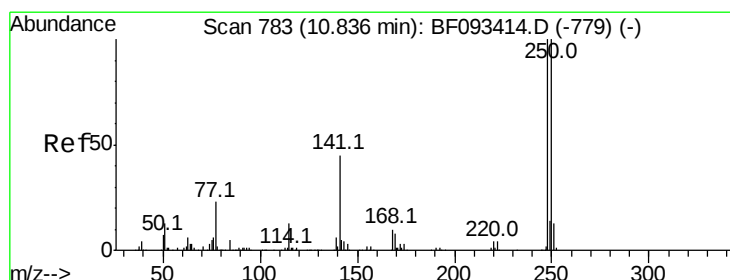
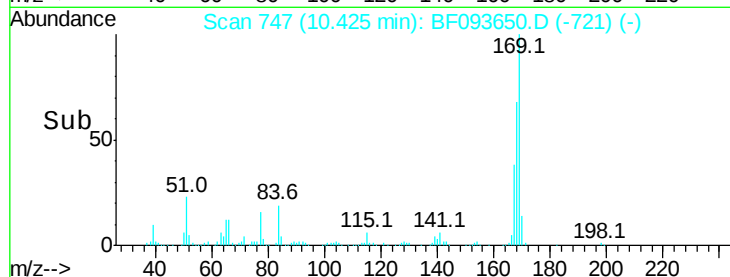
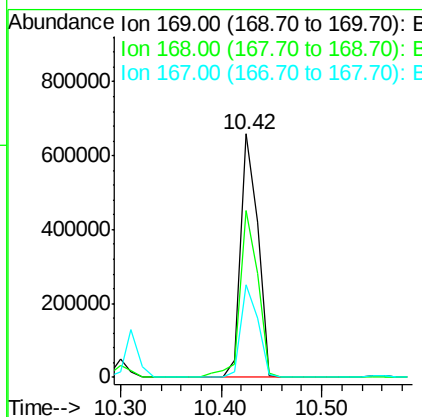
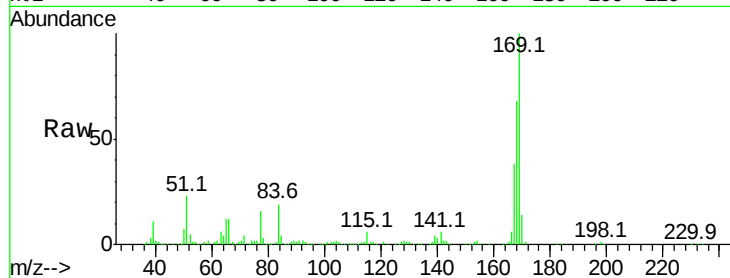
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	782220
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.2	81.2
167	37.9	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 36.32 ng

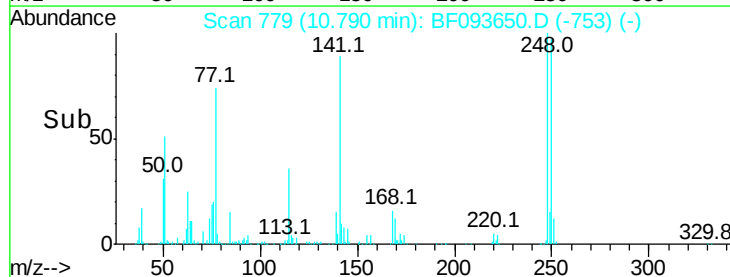
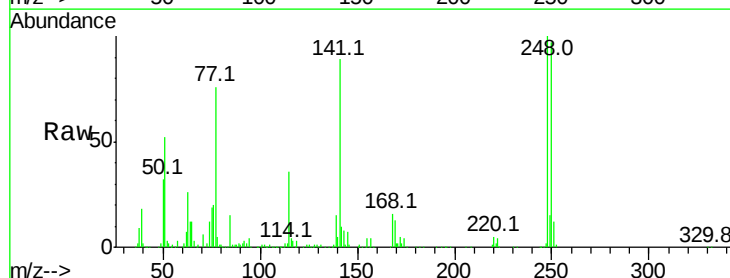
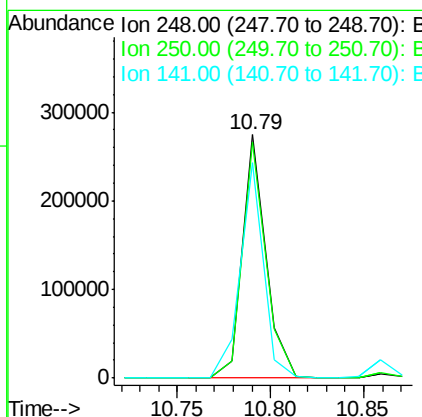
RT: 10.79 min Scan# 779

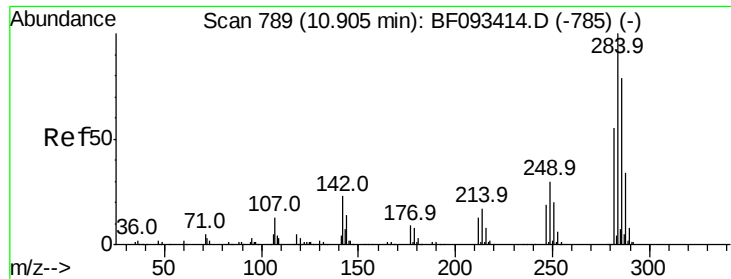
Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion:	248	Resp:	242277
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.9	115.3
141	88.6	68.2	102.4





#67

Hexachlorobenzene

Concen: 36.78 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

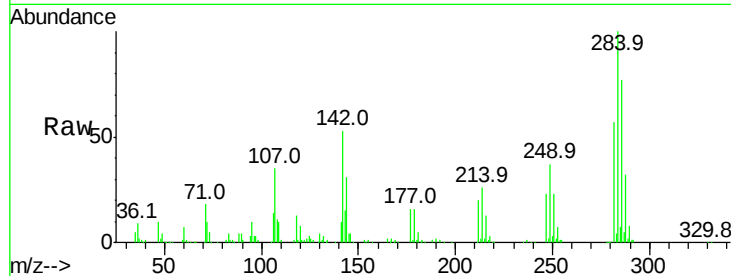
ClientSampleId :

SSTDCCC040

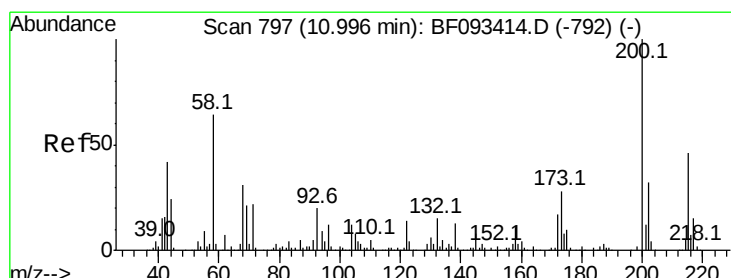
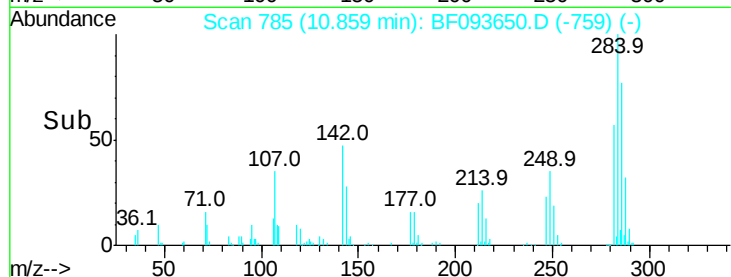
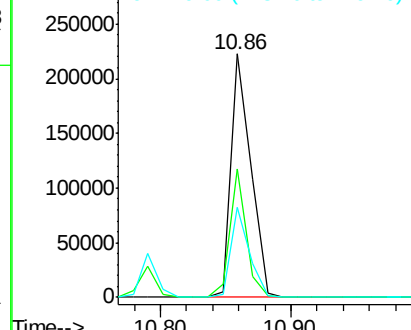
Tot Ion:	284	Resp:	234321
Ion Ratio	Lower	Upper	
284	100		
142	52.5	22.6	33.8#
249	36.9	25.4	38.0

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



#68

Atrazine

Concen: 35.50 ng

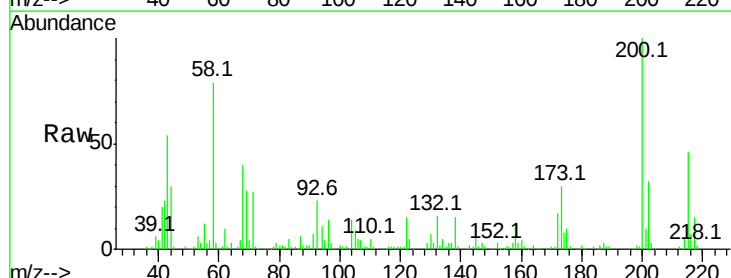
RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

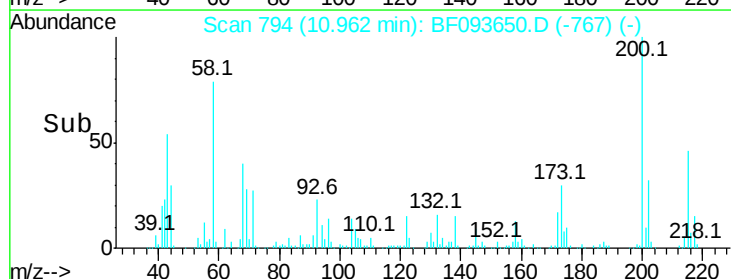
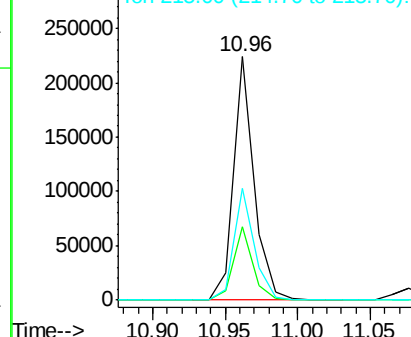
Lab File: BF093650.D

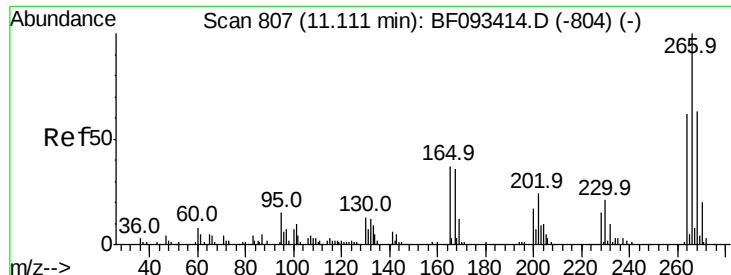
Acq: 14 Mar 2017 11:15

Tgt Ion:	200	Resp:	218860
Ion Ratio	Lower	Upper	
200	100		
173	30.0	9.6	49.6
215	46.1	25.7	65.7



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





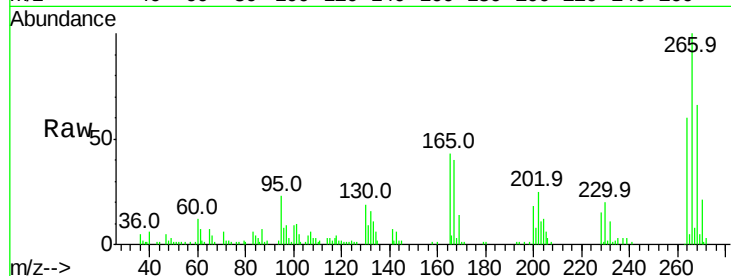
#69
 Pentachlorophenol
 Concen: 41.33 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

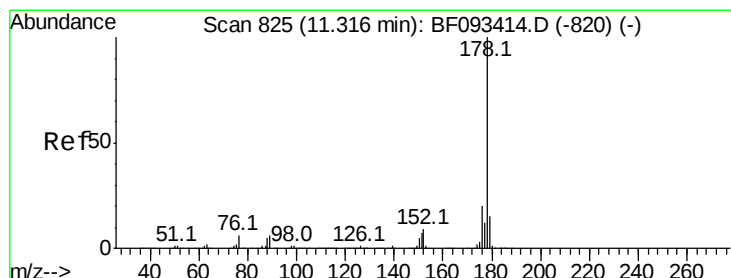
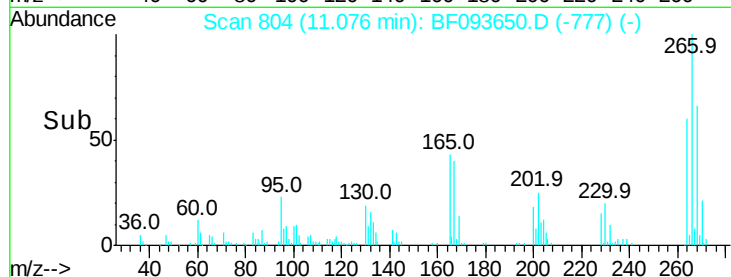
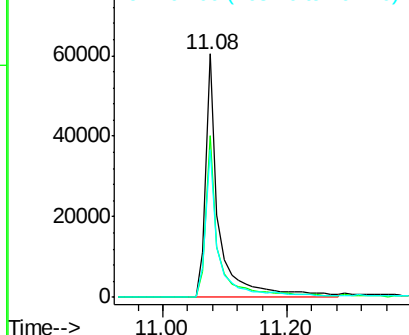
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	53.3	79.9
264	60.4	50.3	75.5

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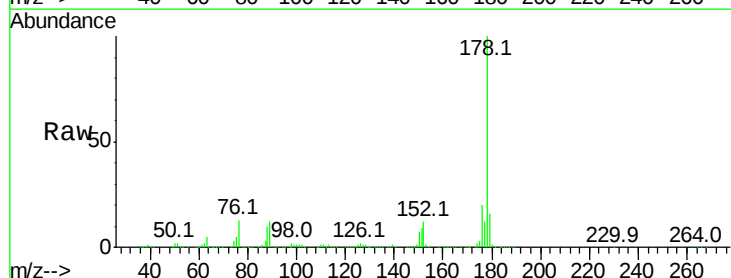


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

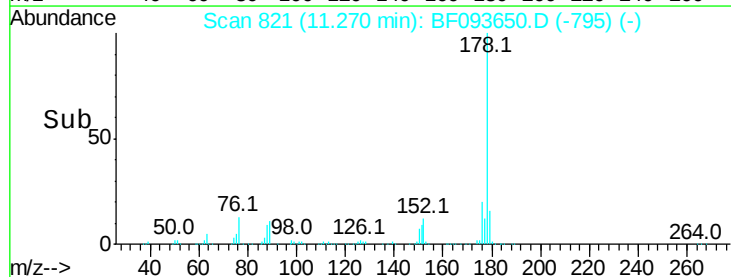
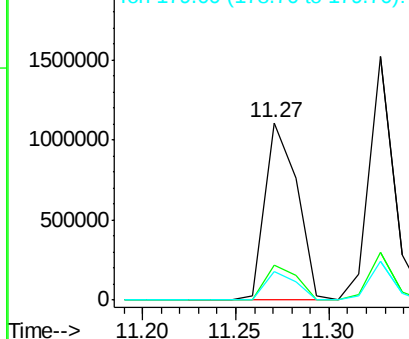


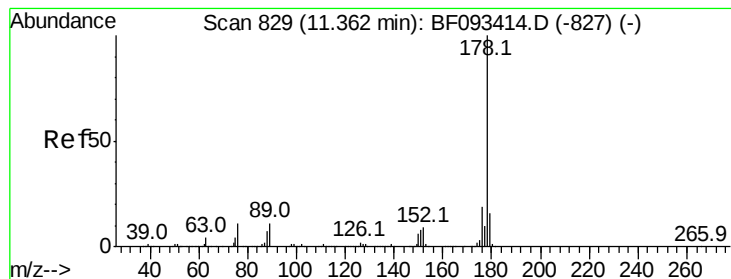
#70
 Phenanthrene
 Concen: 36.72 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	16.1	12.8	19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.30 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1395253

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

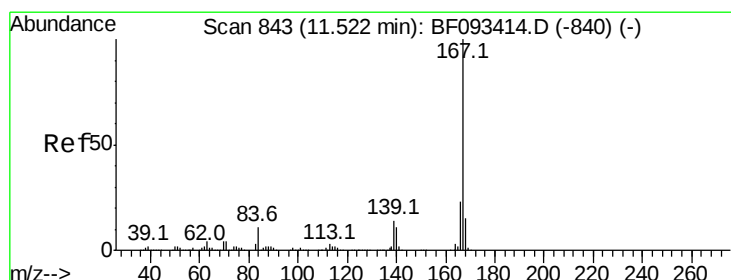
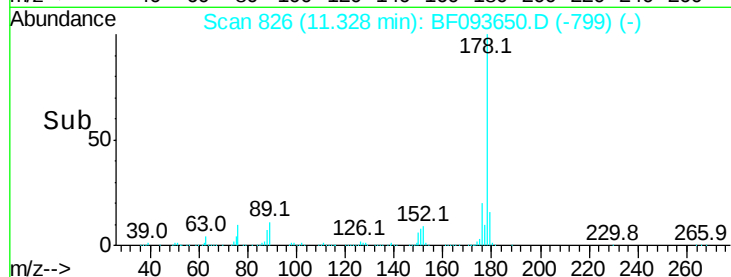
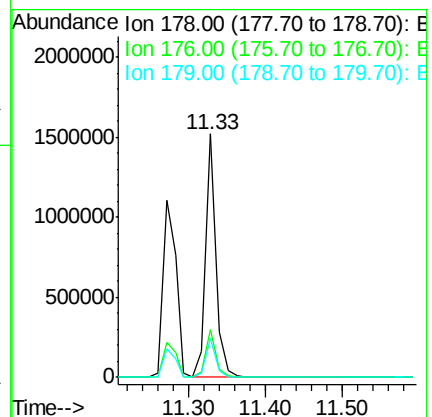
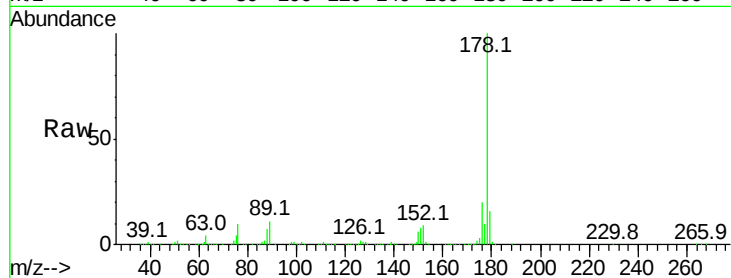
179 15.7 13.2 19.8

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#72

Carbazole

Concen: 41.31 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

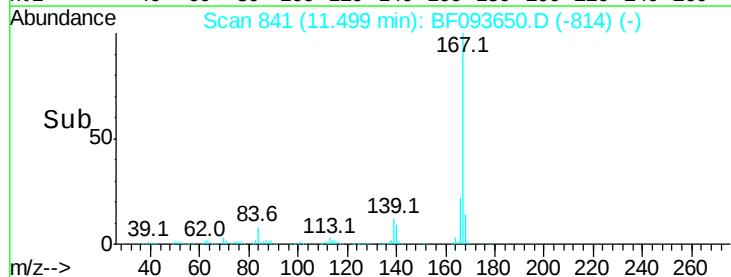
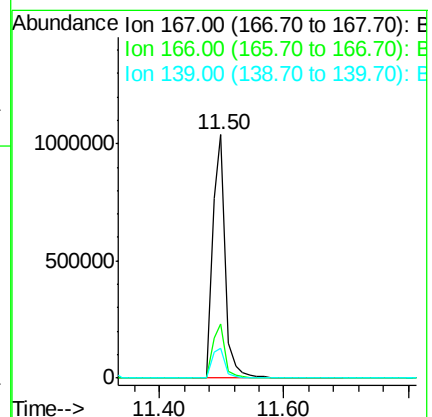
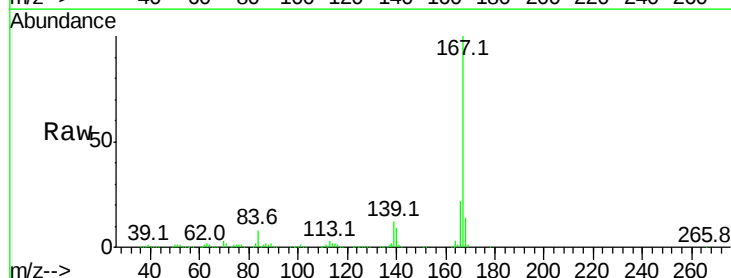
Tgt Ion:167 Resp: 1413783

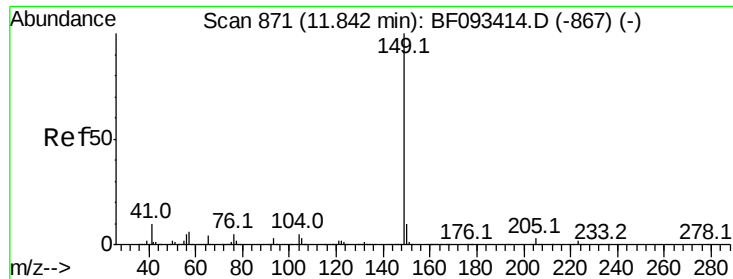
Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

139 12.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.67 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

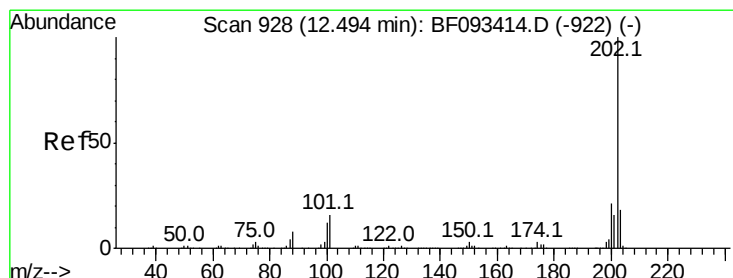
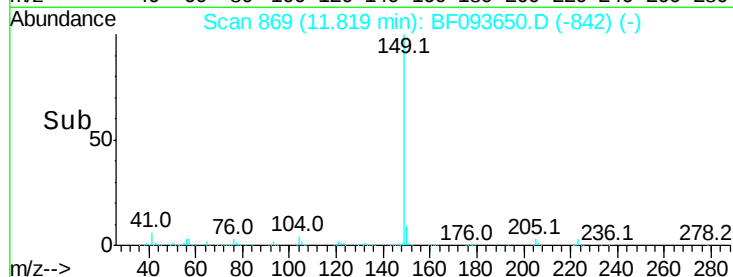
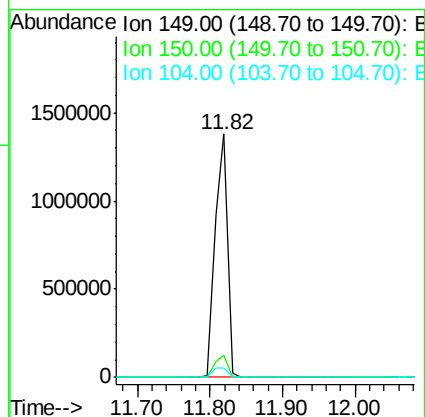
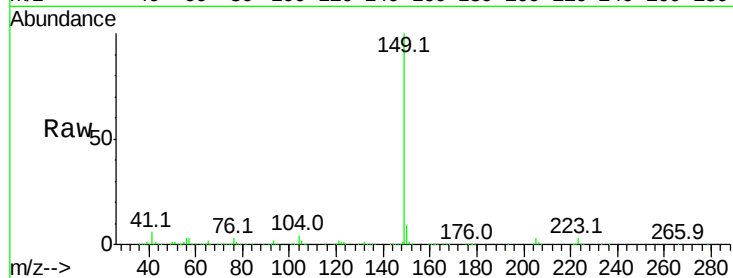
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	4.0	4.6	7.0

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#74

Fluoranthene

Concen: 39.92 ng

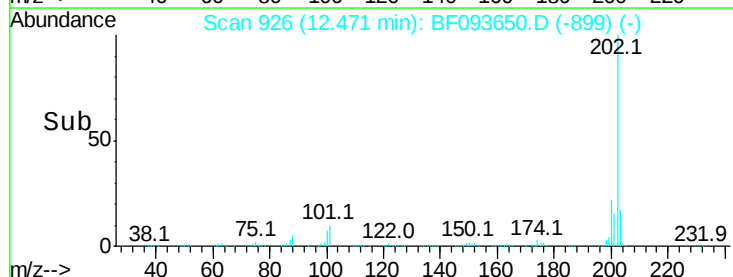
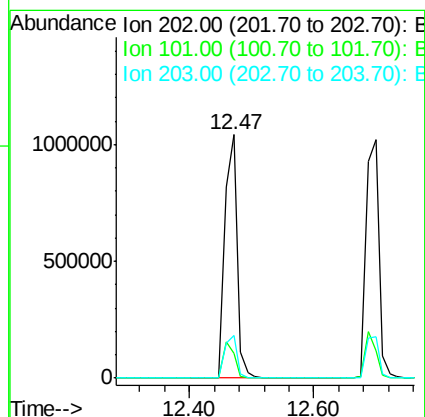
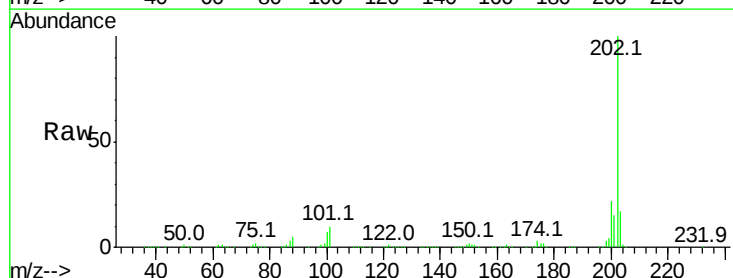
RT: 12.47 min Scan# 926

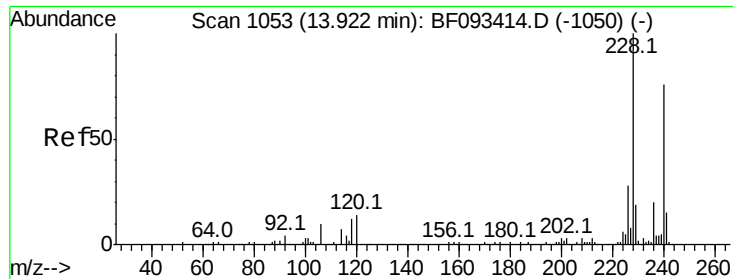
Delta R.T. 0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.6
203	17.3	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

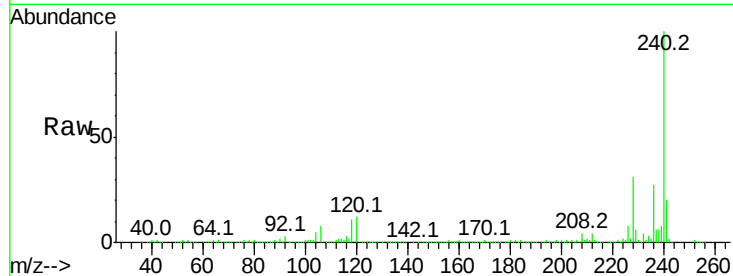
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.9	19.3#
236	26.5	20.9	31.3

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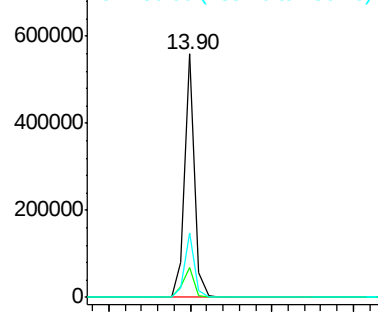
mohammad
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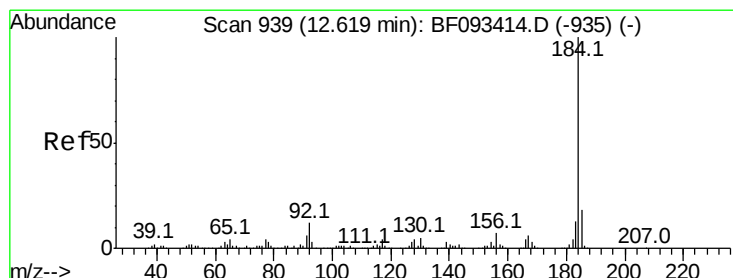
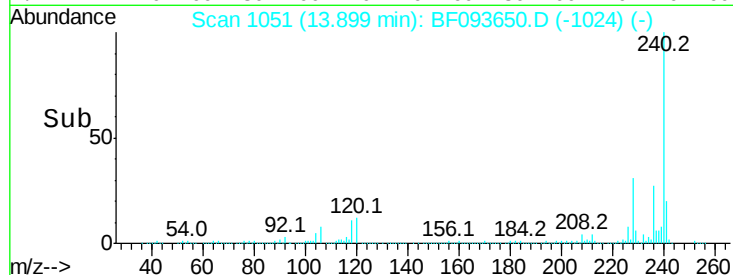
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 14.07 ng

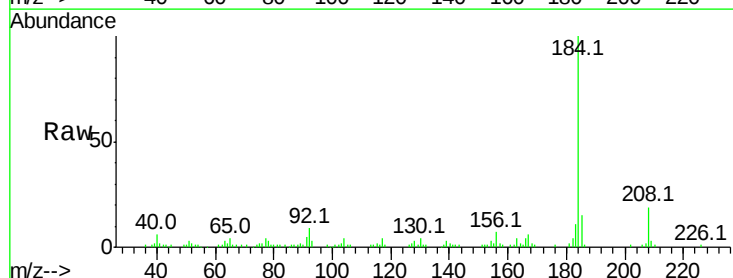
RT: 12.62 min Scan# 939

Delta R.T. 0.03 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

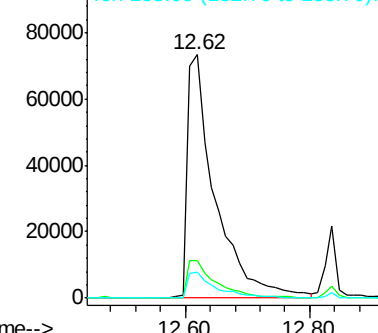
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.4	13.4	20.0
183	10.9	9.2	13.8



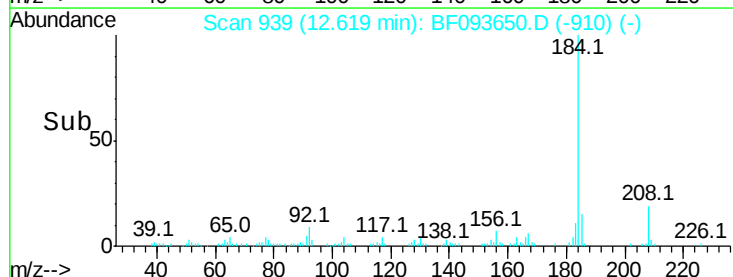
Abundance Ion 184.00 (183.70 to 184.70): E

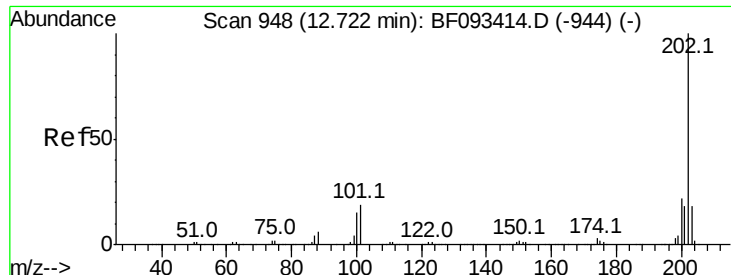
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





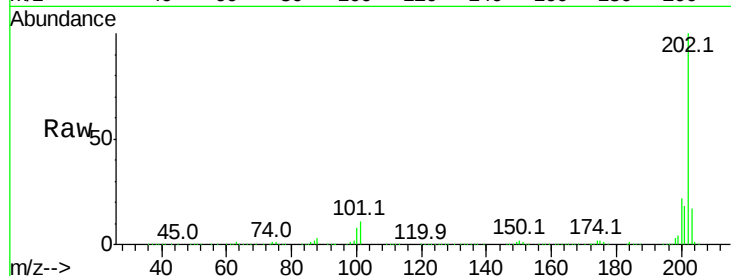
#77
Pvrene
Concen: 40.60 ng
RT: 12.70 min Scan# 946
Delta R.T. 0.02 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

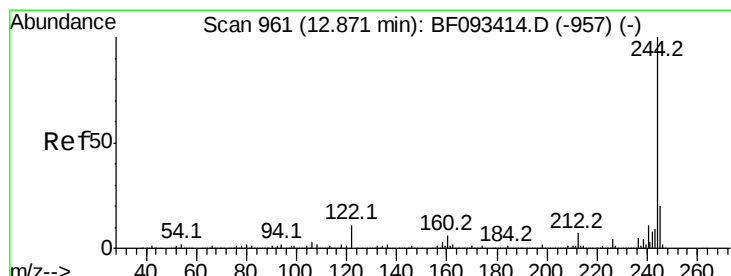
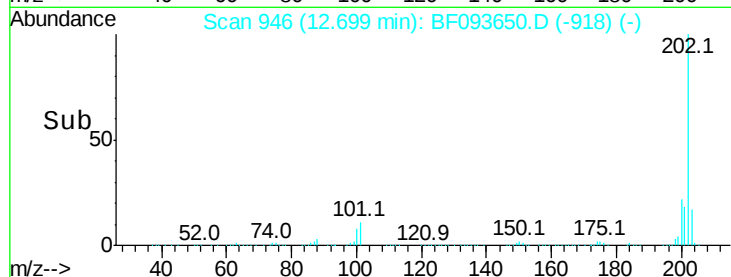
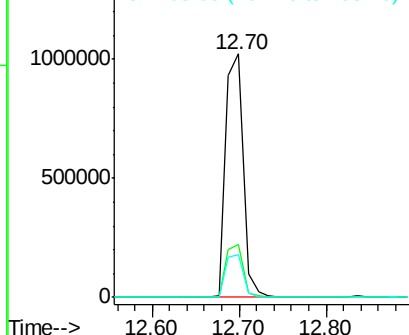
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.4	14.7	22.1

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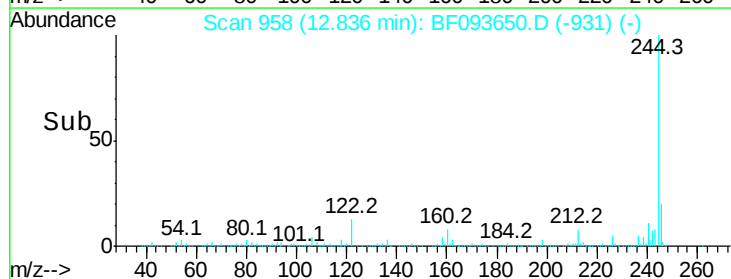
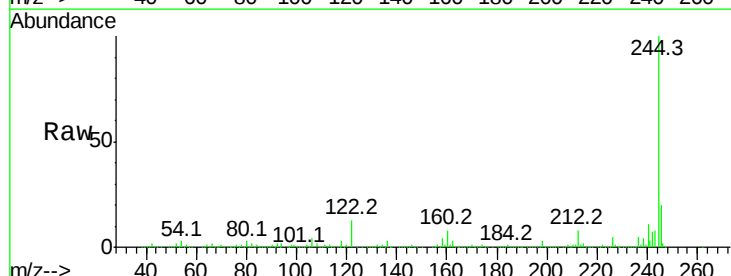
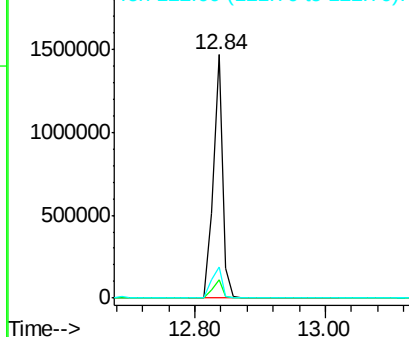
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

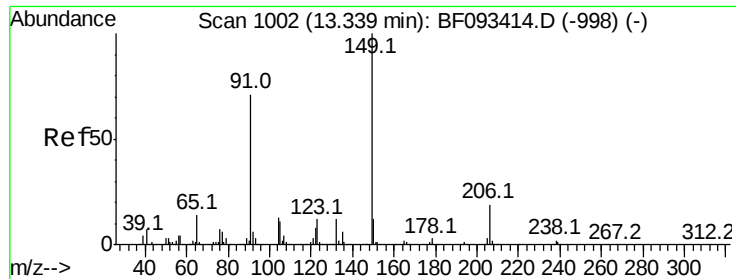


#78
Terphenyl-d14
Concen: 80.28 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.7	11.4	17.2

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





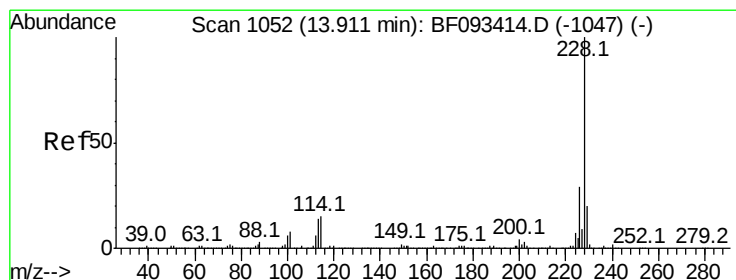
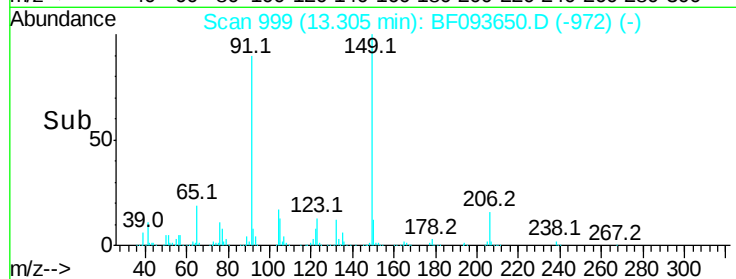
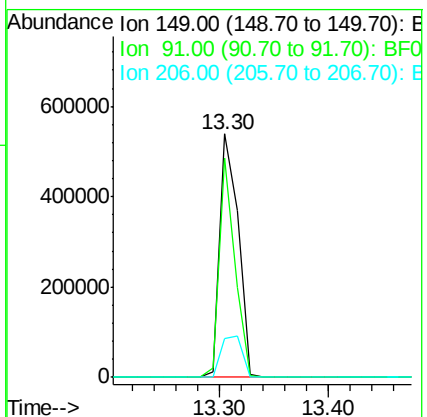
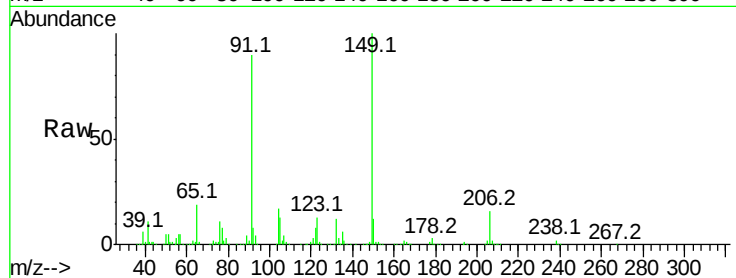
#79
Butylbenzylphthalate
Concen: 43.03 ng
RT: 13.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	90.0	63.9	95.9
206	15.7	14.6	21.8

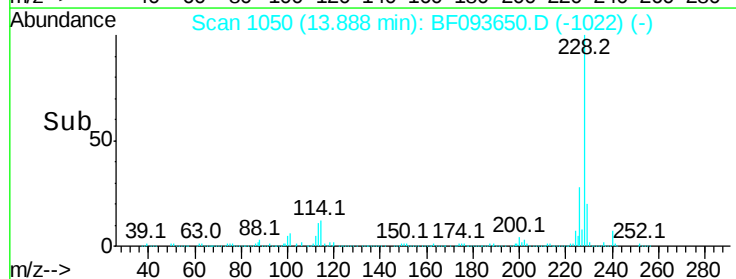
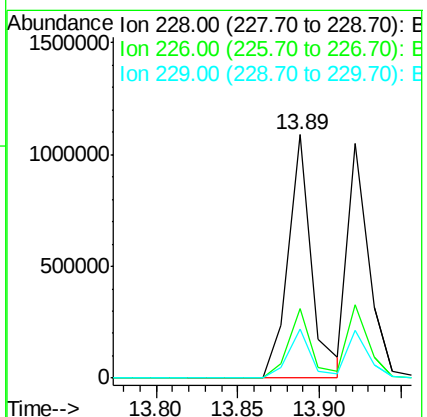
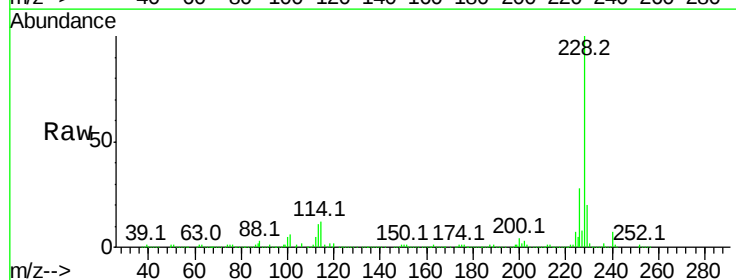
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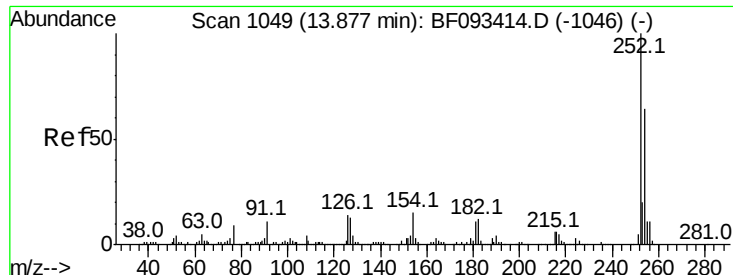
mohammad
3/15/2017 5:38:49 PM



#80
Benzo(a)anthracene
Concen: 38.04 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.2	16.2	24.4





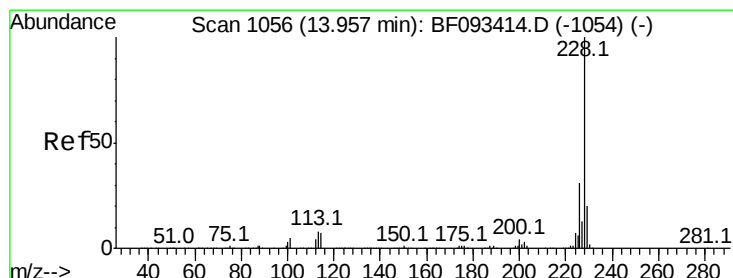
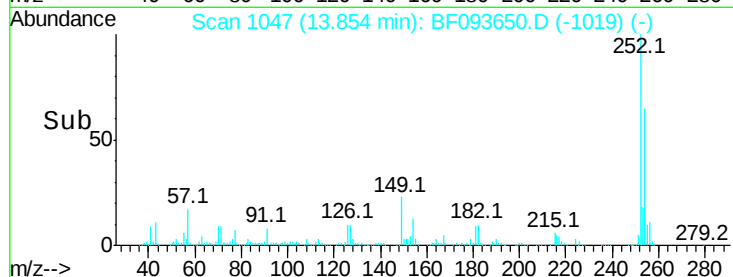
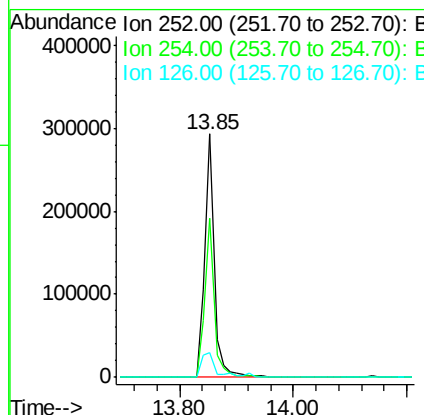
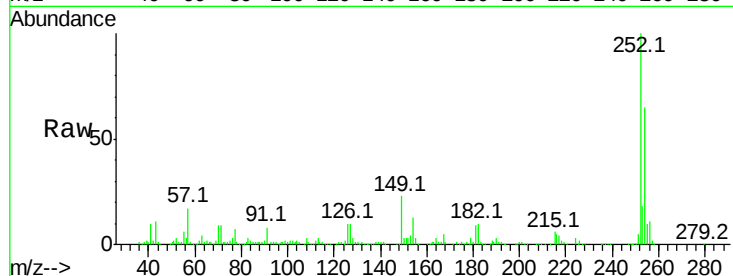
#81
 3,3'-Dichlorobenzidine
 Concen: 33.25 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.2	52.3	78.5
126	10.0	13.6	20.4

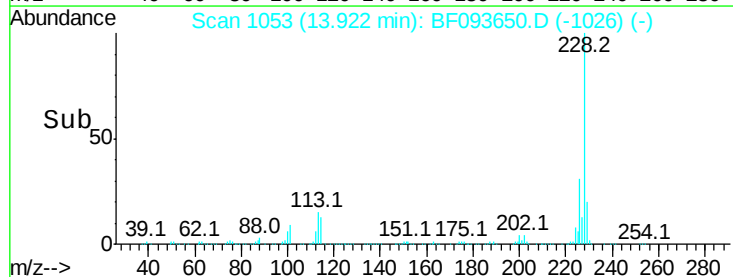
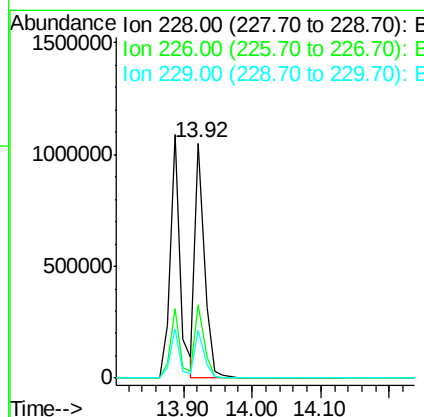
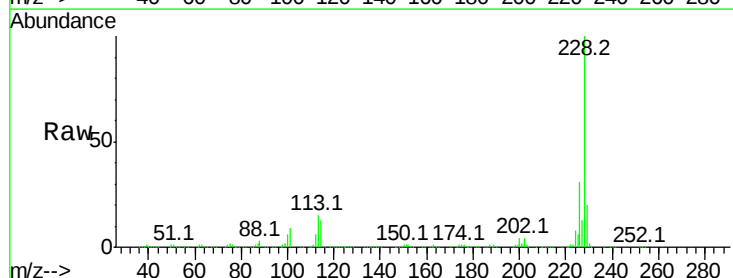
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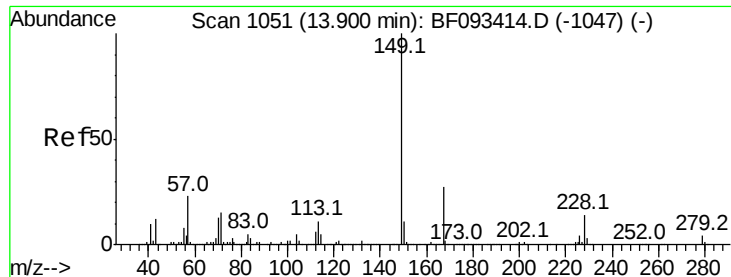
mohammad
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#82
 Chrysene
 Concen: 36.98 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.4	16.2	24.2





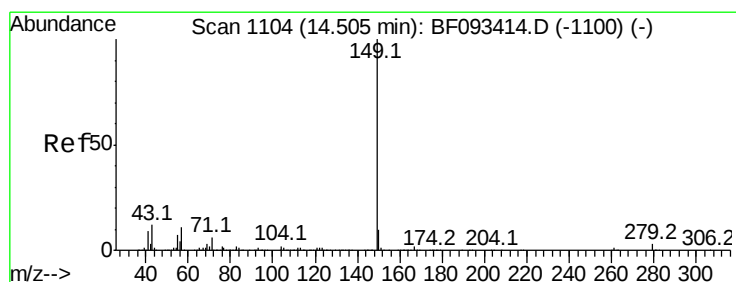
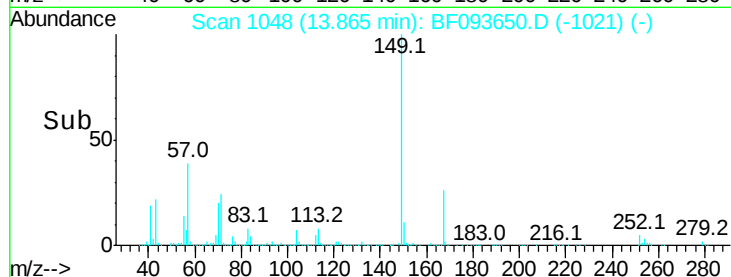
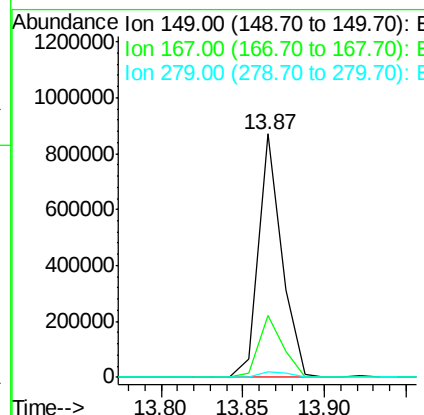
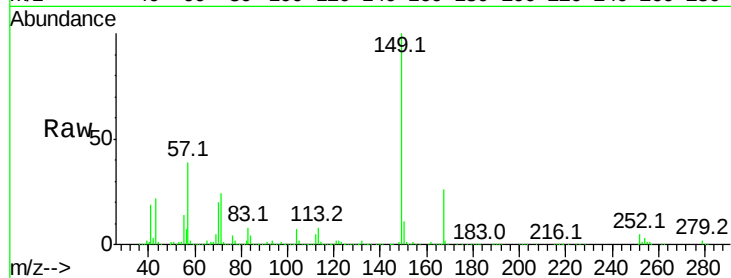
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.83 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.2	30.4
279	2.0	1.8	2.8

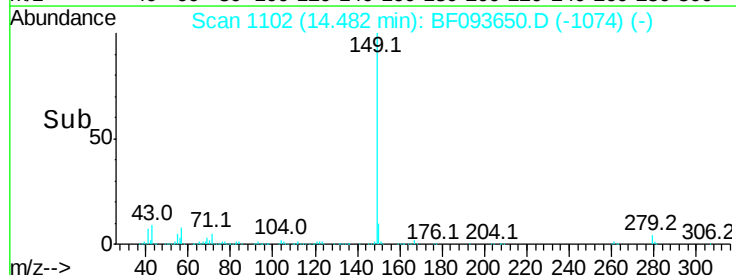
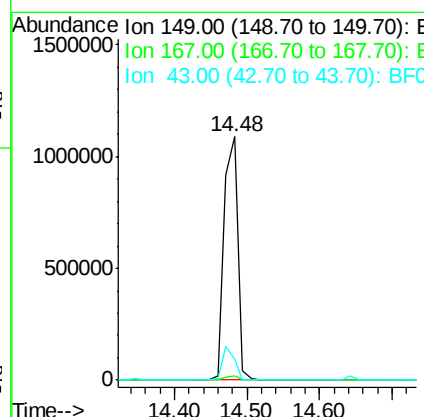
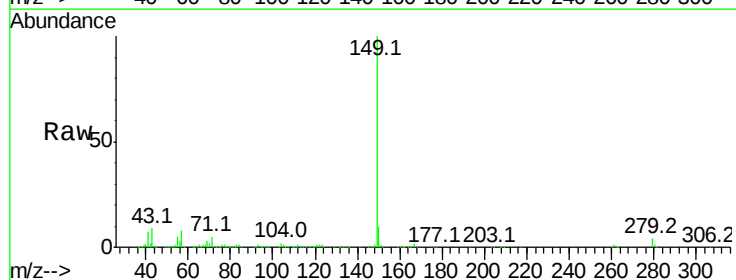
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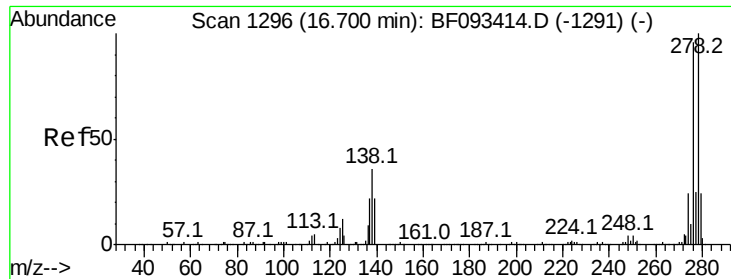
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 41.40 ng
 RT: 14.48 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.5	8.9	13.3





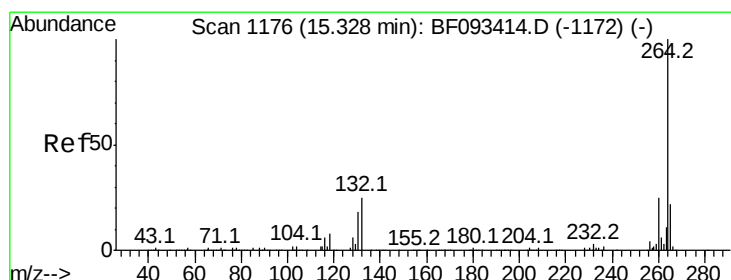
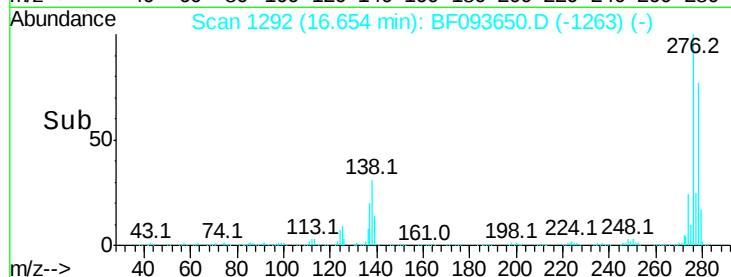
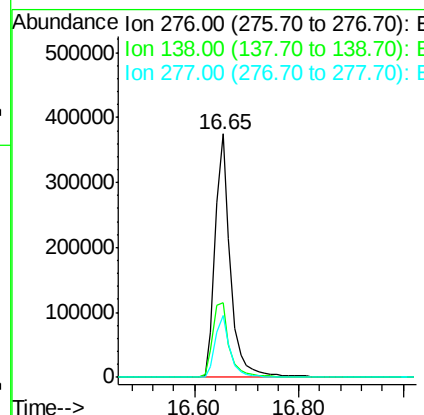
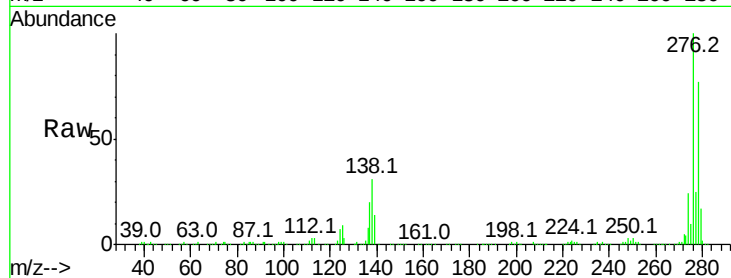
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.22 ng
RT: 16.65 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.6
277	25.0	20.2	30.4

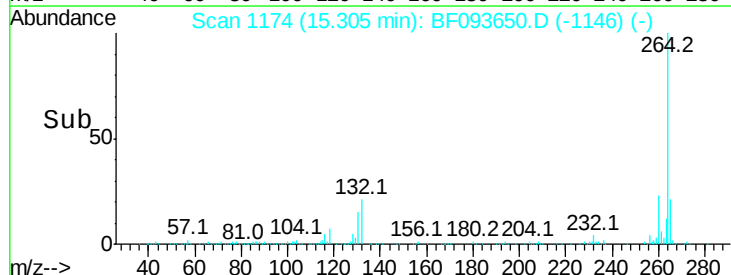
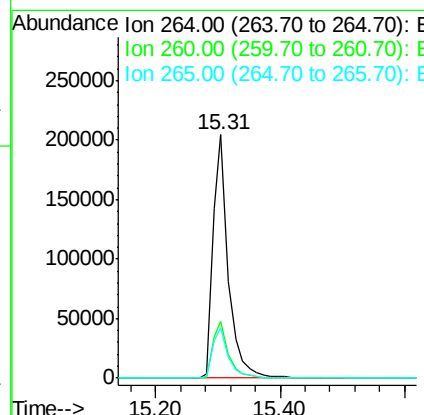
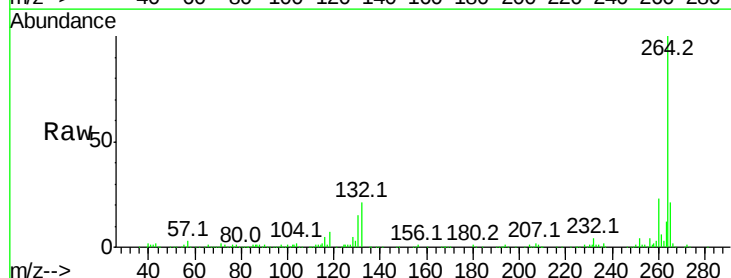
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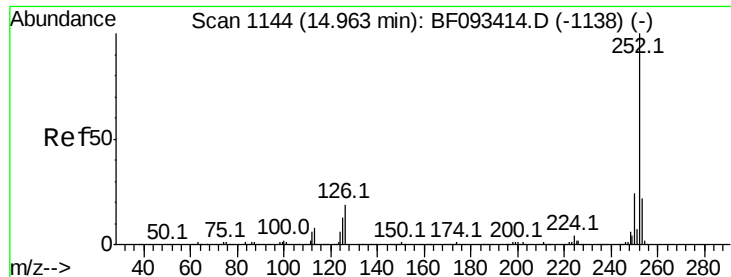
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.44 ng m

RT: 14.91 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Instrument :

BNA_F

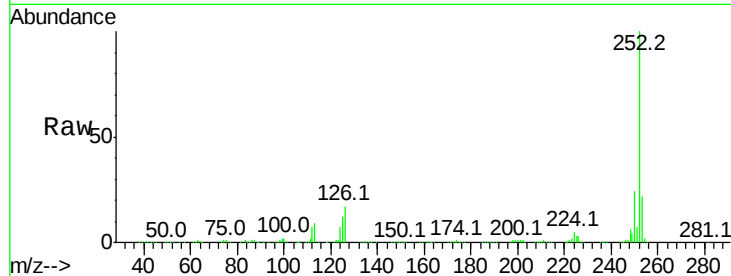
ClientSampled :

SSTDCCC040

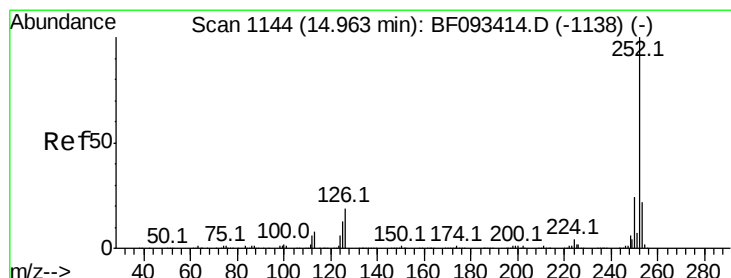
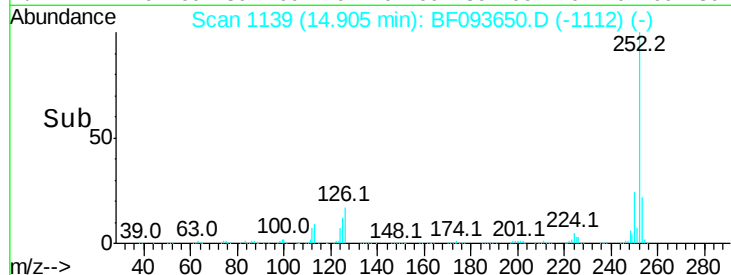
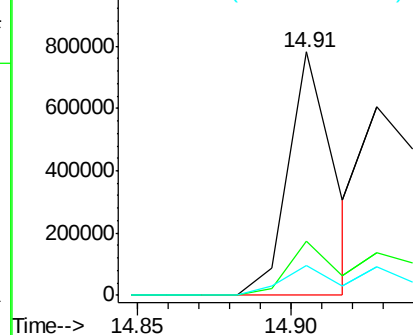
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.4	9.8	14.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.52 ng m

RT: 14.93 min Scan# 1141

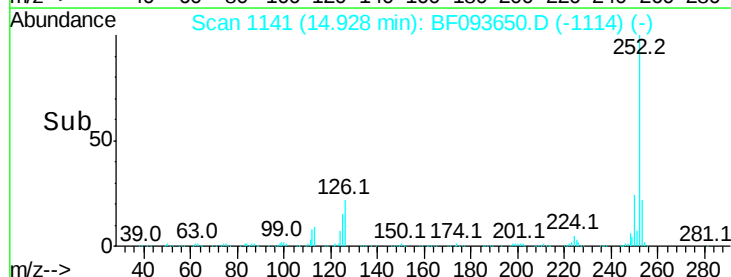
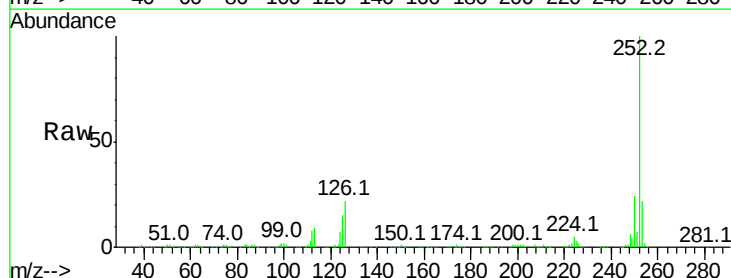
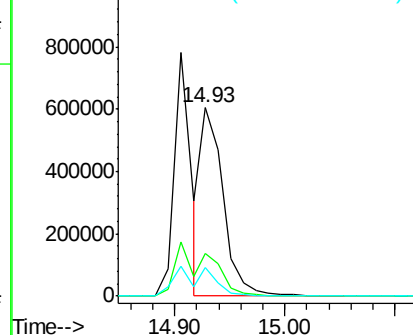
Delta R.T. 0.01 min

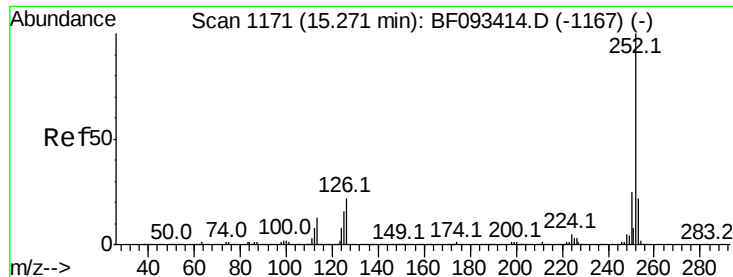
Lab File: BF093650.D

Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	15.1	8.9	13.3#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





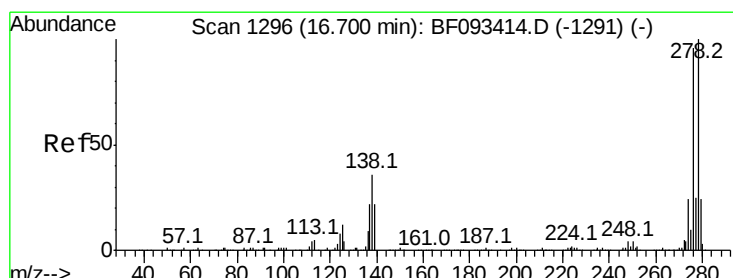
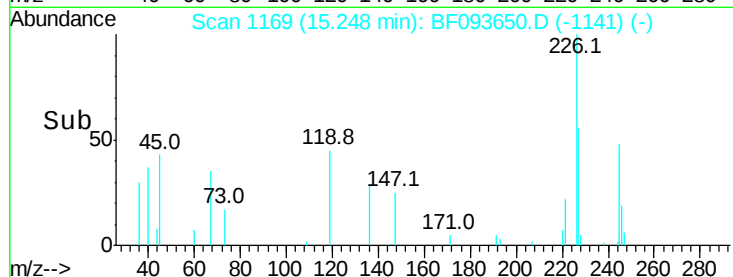
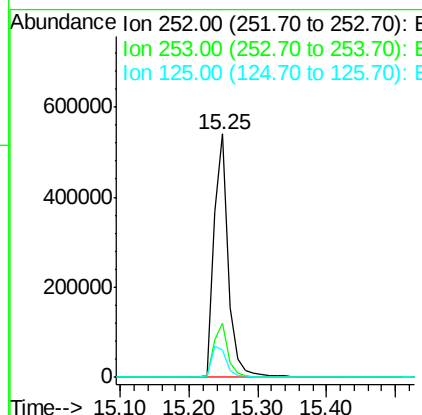
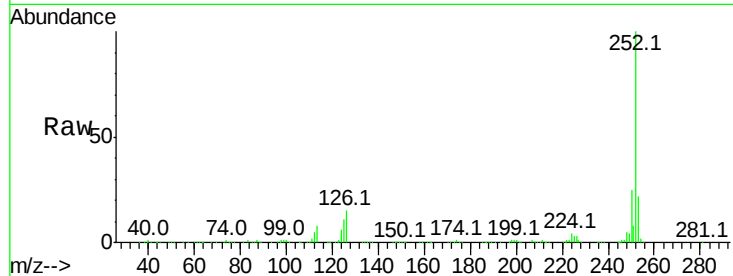
#89
Benzo(a)pyrene
Concen: 41.22 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.1	10.0	15.0

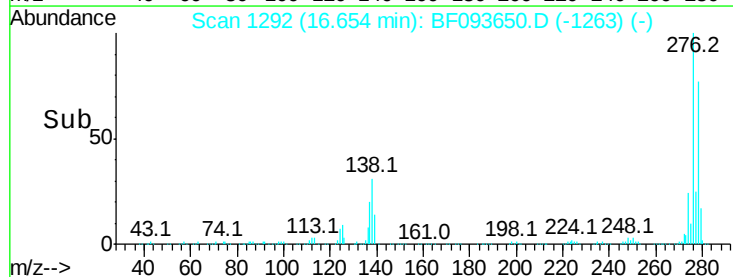
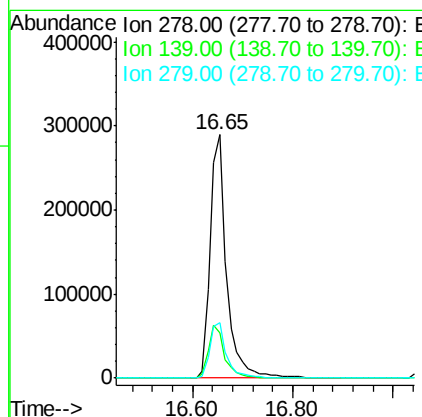
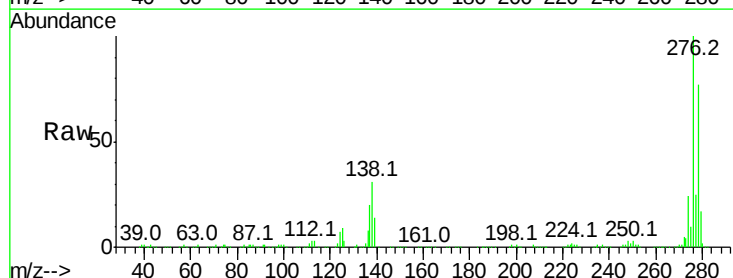
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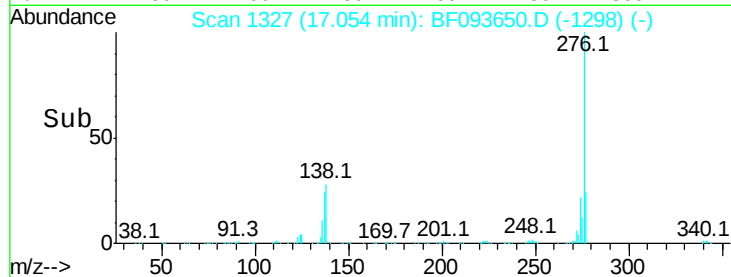
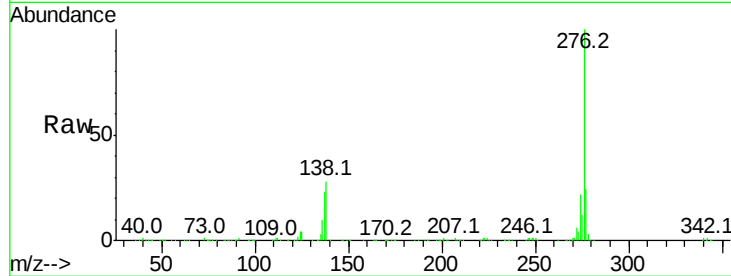
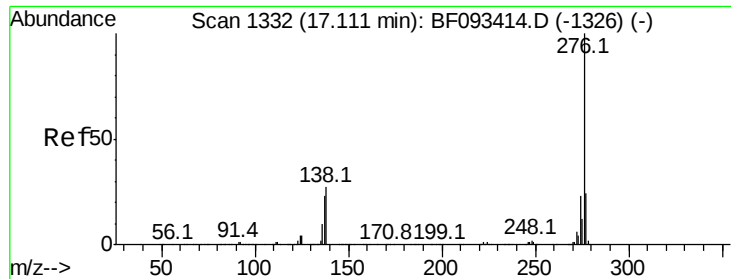
mohammad
3/15/2017 5:38:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.39 ng
RT: 16.65 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BF093650.D
Acq: 14 Mar 2017 11:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.8	22.2
279	22.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.92 ng
 RT: 17.05 min Scan# 1327
 Delta R.T. 0.03 min
 Lab File: BF093650.D
 Acq: 14 Mar 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	681716		
277	24.1		19.2	28.8
138	28.1		16.0	24.0

Manual Integrations
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