

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093625.D
 Acq On : 13 Mar 2017 23:45
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:38:16 PM

Quant Time: Mar 14 02:16:18 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	168893	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	715882	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	322293	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	587696	20.00	ng	0.00
75) Chrysene-d12	13.90	240	452072	20.00	ng	0.01
86) Perylene-d12	15.31	264	319428	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	895119	88.21	ng	-0.02
7) Phenol-d6	6.37	99	1049057	81.98	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1098349	85.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	181205	86.30	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1566439	90.40	ng	0.00
78) Terphenyl-d14	12.84	244	1432872	82.41	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	257455	46.06	ng	85
3) Pyridine	2.86	79	531592	37.30	ng	89
4) n-Nitrosodimethylamine	2.82	42	300487	44.15	ng	79
6) Aniline	6.39	93	439586	25.03	ng	94
8) 2-Chlorophenol	6.49	128	475528	41.82	ng	87
9) Benzaldehyde	6.26	77	244933	27.74	ng	96
10) Phenol	6.38	94	696769	44.43	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	700154	55.24	ng	95
12) 1,3-Dichlorobenzene	6.64	146	530271m	40.75	ng	
13) 1,4-Dichlorobenzene	6.72	146	559764	42.01	ng	99
14) 1,2-Dichlorobenzene	6.88	146	495944	42.03	ng	96
15) Benzyl Alcohol	6.88	79	255850	28.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	924026	43.89	ng	93
17) 2-Methylphenol	7.00	107	404195	42.03	ng	# 90
18) Hexachloroethane	7.21	117	189728	42.22	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	365662	41.56	ng	87
20) 3+4-Methylphenols	7.16	107	580159	46.52	ng	# 72
22) Acetophenone	7.13	105	695636	40.38	ng	# 98
24) Nitrobenzene	7.30	77	602612	41.56	ng	96
25) Isophorone	7.54	82	1038465	39.91	ng	94
26) 2-Nitrophenol	7.62	139	268163	40.53	ng	91
27) 2,4-Dimethylphenol	7.68	122	388365	36.08	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	687988	41.89	ng	99
29) 2,4-Dichlorophenol	7.89	162	395609	39.07	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	407432	37.84	ng	95
31) Naphthalene	8.02	128	1409835	39.30	ng	99
32) Benzoic acid	7.84	122	167501	29.95	ng	91
33) 4-Chloroaniline	8.15	127	552516m	37.95	ng	
34) Hexachlorobutadiene	8.14	225	221863	40.00	ng	98
35) Caprolactam	8.48	113	132263	38.25	ng	# 43
36) 4-Chloro-3-methylphenol	8.60	107	443395	41.03	ng	97
37) 2-Methylnaphthalene	8.72	142	891072	39.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	395181	44.90	ng	100
40) Hexachlorocyclopentadiene	8.87	237	64470	36.73	ng	98

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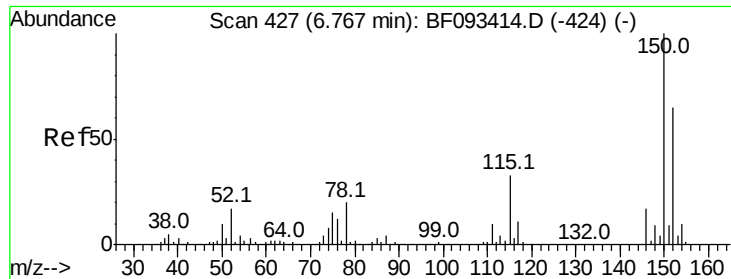
Manual Integrations
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 3/15/2017 5:38:16 PM

Quant Time: Mar 14 02:16:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	241832	43.98	nq	91
43) 2,4,5-Trichlorophenol	9.08	196	239217	40.55	nq #	87
45) 1,1'-Biphenyl	9.18	154	1048976	44.68	nq	95
46) 2-Chloronaphthalene	9.21	162	864327	48.09	nq	99
47) 2-Nitroaniline	9.33	65	327854	51.61	nq	99
48) Acenaphthylene	9.62	152	1355571	45.74	nq	99
49) Dimethylphthalate	9.50	163	944466	44.20	nq	100
50) 2,6-Dinitrotoluene	9.57	165	221195	47.18	nq #	69
51) Acenaphthene	9.80	154	803829	45.86	nq	96
52) 3-Nitroaniline	9.75	138	235768	41.86	nq	97
53) 2,4-Dinitrophenol	9.88	184	94645	44.33	nq #	61
54) Dibenzofuran	9.97	168	1003089	45.73	nq	98
55) 4-Nitrophenol	9.96	139	56153m	20.52	nq	
56) 2,4-Dinitrotoluene	9.98	165	289904	50.33	nq #	83
57) Fluorene	10.31	166	831708	44.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	188064	45.17	nq	96
59) Diethylphthalate	10.20	149	961449	47.08	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	379384	45.53	nq	97
61) 4-Nitroaniline	10.37	138	203601	35.34	nq	94
62) Azobenzene	10.46	77	1111734	47.91	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	125151	32.87	nq	83
65) n-Nitrosodiphenylamine	10.42	169	717586	36.57	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	228797	36.82	nq	96
67) Hexachlorobenzene	10.86	284	217181	36.60	nq #	73
68) Atrazine	10.96	200	208970	36.38	nq	99
69) Pentachlorophenol	11.08	266	82055	40.05	nq	97
70) Phenanthrene	11.27	178	1230859	36.69	nq	99
71) Anthracene	11.33	178	1326959	39.10	nq	98
72) Carbazole	11.50	167	1322701	41.49	nq	98
73) Di-n-butylphthalate	11.82	149	1531910	41.54	nq #	96
74) Fluoranthene	12.47	202	1332122	41.11	nq	93
76) Benzidine	12.63	184	106160	7.14	nq	99
77) Pyrene	12.70	202	1330206	40.46	nq	99
79) Butylbenzylphthalate	13.30	149	594005	42.92	nq	88
80) Benzo(a)anthracene	13.89	228	1025232	38.40	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	322597	34.50	nq #	96
82) Chrysene	13.92	228	933396	37.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	821464	42.58	nq	99
84) Di-n-octyl phthalate	14.48	149	1324092	41.18	nq	96
85) Indeno(1,2,3-cd)pyrene	16.67	276	692531	33.50	nq #	93
87) Benzo(b)fluoranthene	14.92	252	964256m	49.57	nq	
88) Benzo(k)fluoranthene	14.94	252	615126m	32.79	nq	
89) Benzo(a)pyrene	15.25	252	714511	40.19	nq	97
90) Dibenzo(a,h)anthracene	16.67	278	597052	40.59	nq	96
91) Benzo(g,h,i)perylene	17.08	276	617930	40.93	nq #	93

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



#1

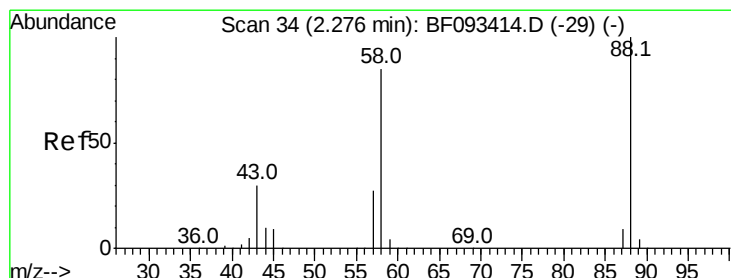
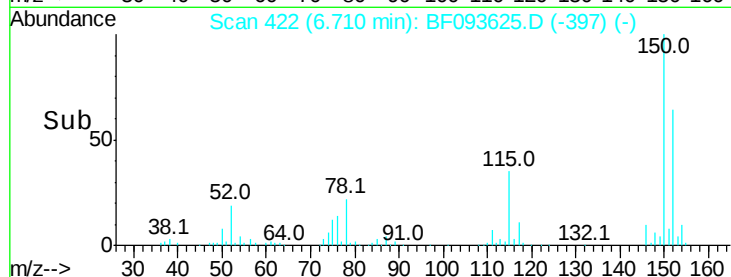
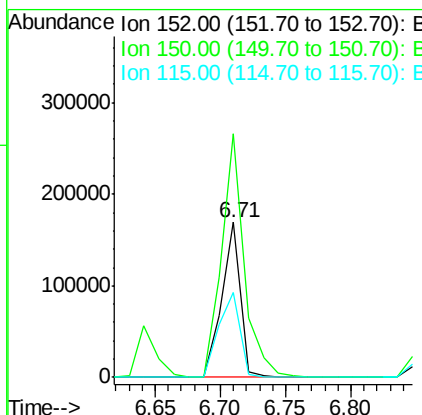
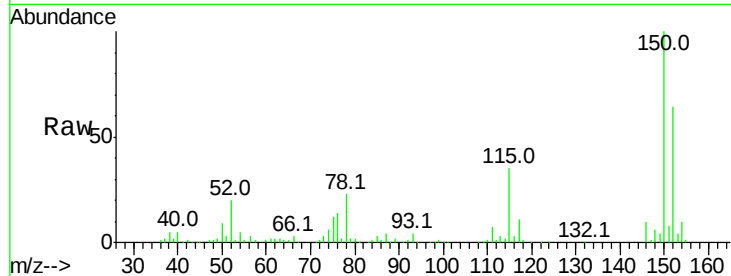
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	55.0	46.0	69.0

Manual Integrations
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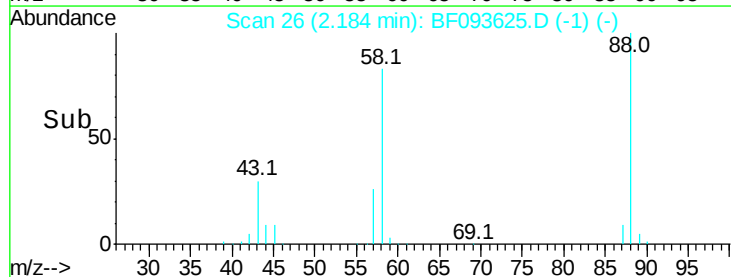
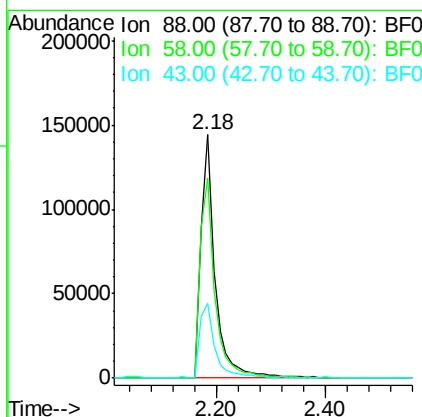
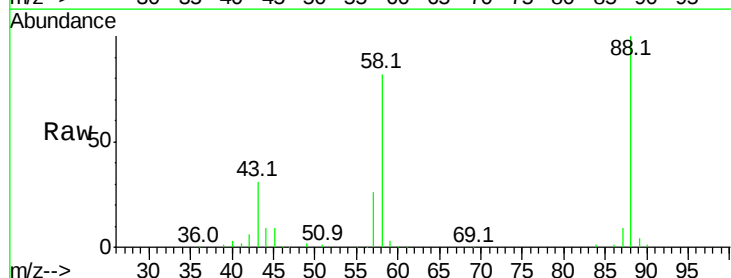
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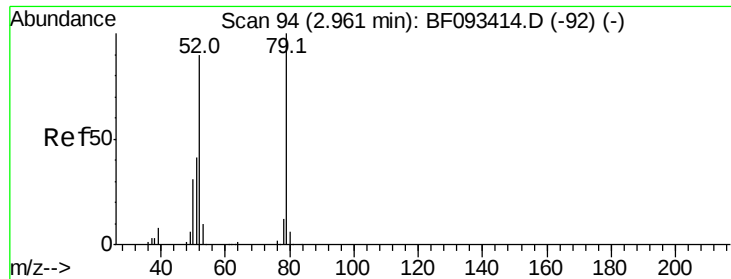


#2

1,4-Dioxane
Concen: 46.06 ng
RT: 2.18 min Scan# 26
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	57.8	86.8
43	33.2	22.3	33.5





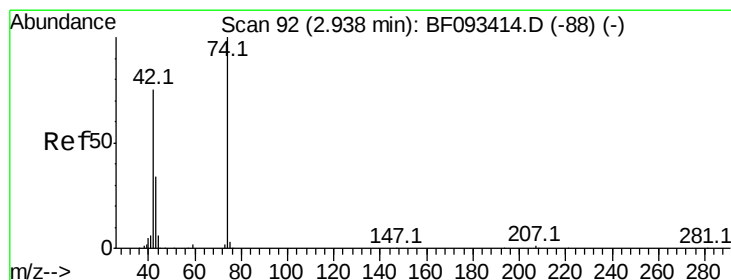
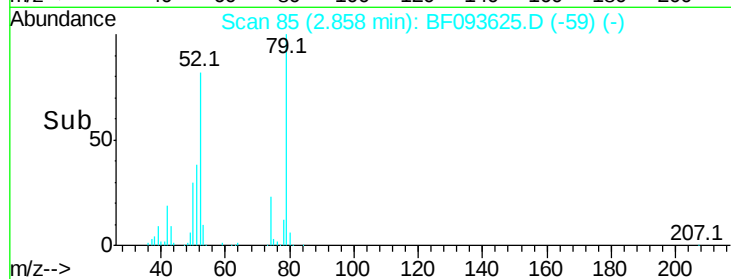
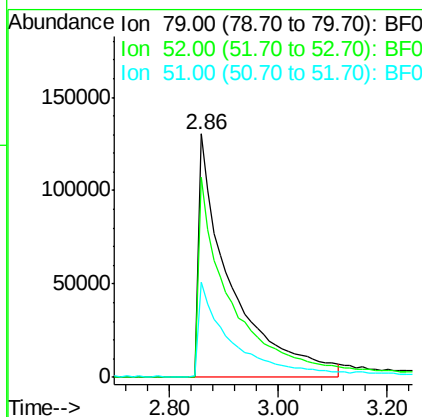
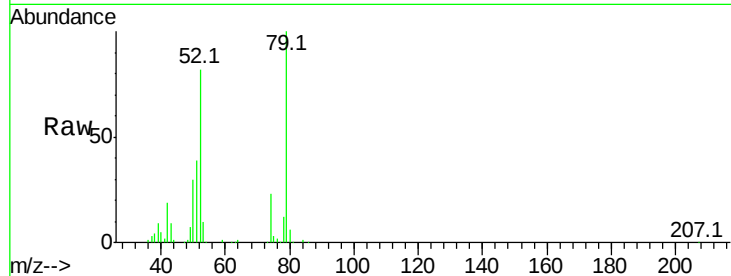
#3
 Pvridine
 Concen: 37.30 ng
 RT: 2.86 min Scan# 85
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		531592		
52	82.1	57.1		85.7	
51	38.8	27.3		40.9	

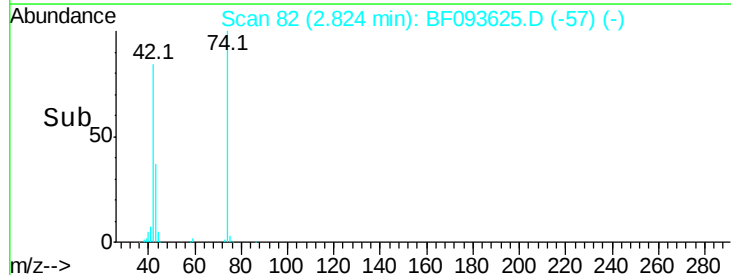
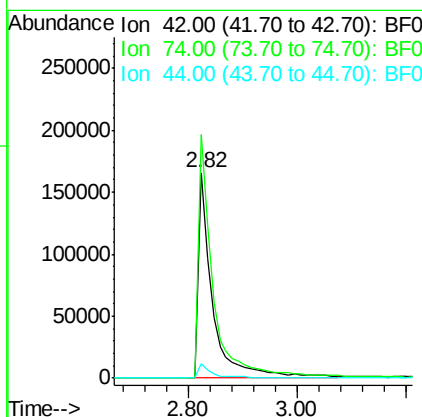
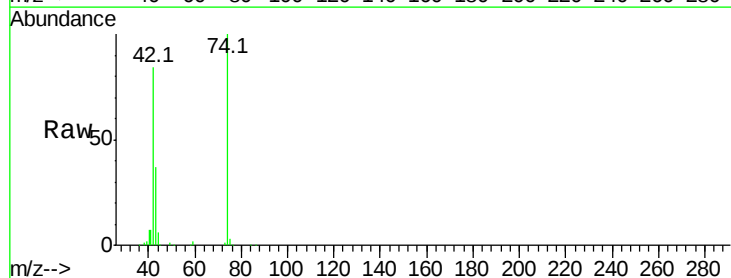
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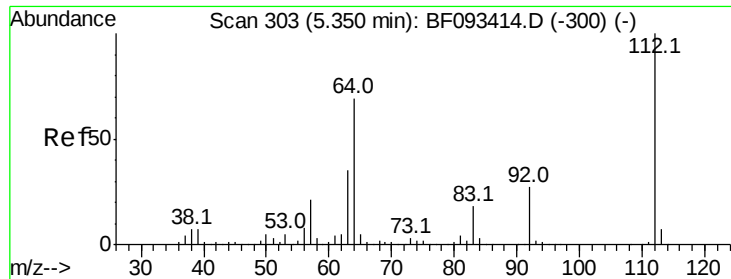
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#4
 n-Nitrosodimethylamine
 Concen: 44.15 ng
 RT: 2.82 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		300487		
74	118.5	117.0		175.4	
44	6.7	5.5		8.3	





#5

2-Fluorophenol

Concen: 88.21 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

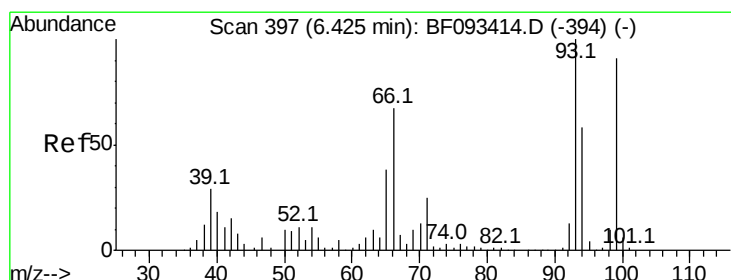
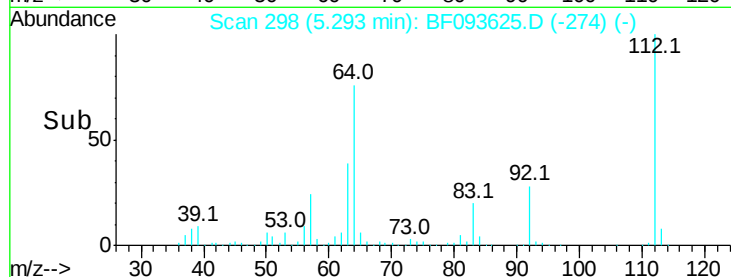
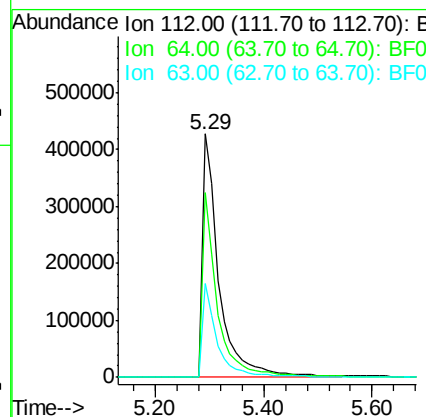
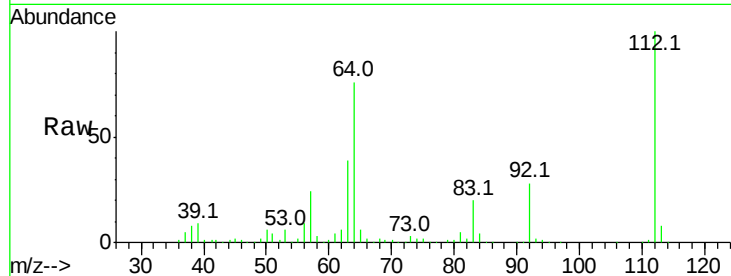
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	895119
Ion Ratio	Lower	Upper	
112	100		
64	76.0	46.1	69.1#
63	38.8	23.8	35.6#

Manual Integrations
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#6

Aniline

Concen: 25.03 ng

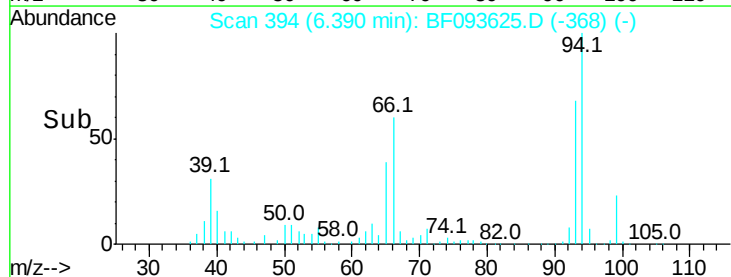
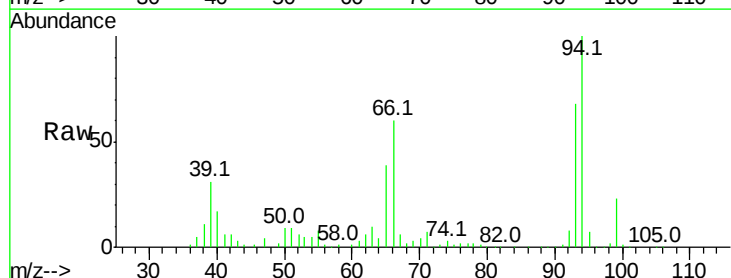
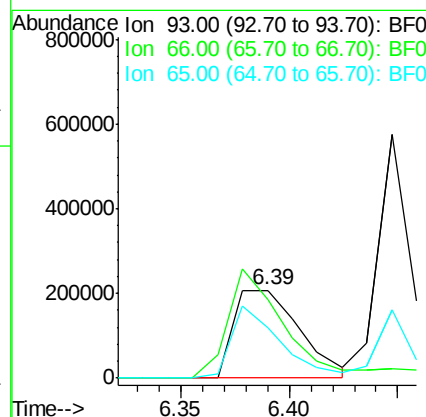
RT: 6.39 min Scan# 394

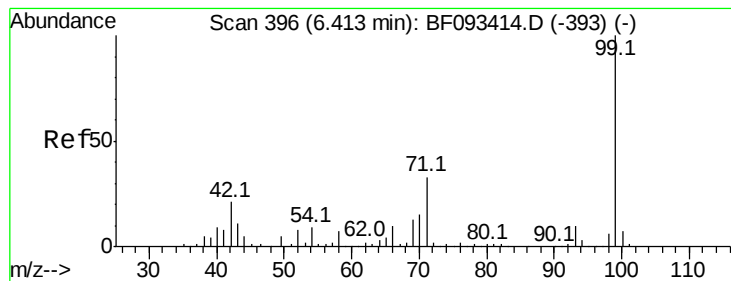
Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:	93	Resp:	439586
Ion Ratio	Lower	Upper	
93	100		
66	88.7	76.2	114.2
65	57.7	49.3	73.9





#7

Phenol-d6

Concen: 81.98 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1049057

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

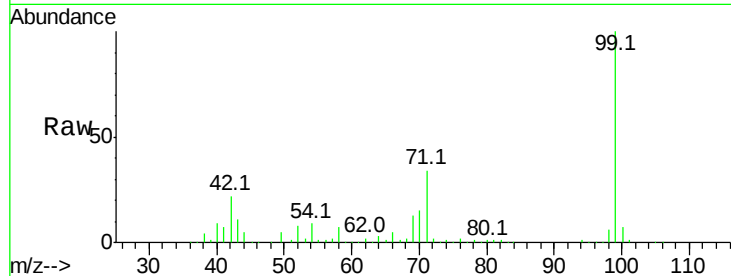
71 33.9 27.5 41.3

Manual Integrations

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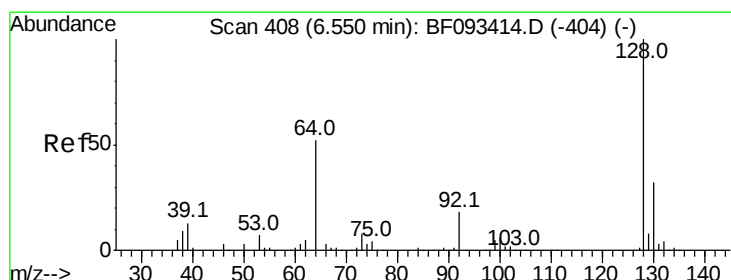
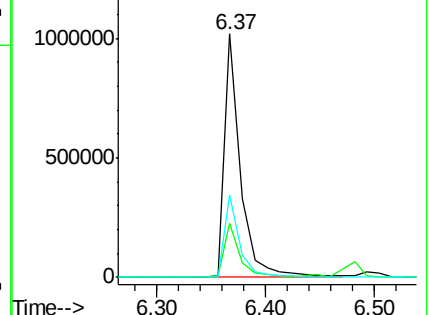
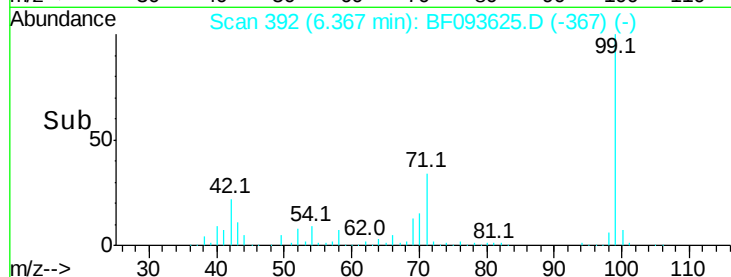
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.82 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

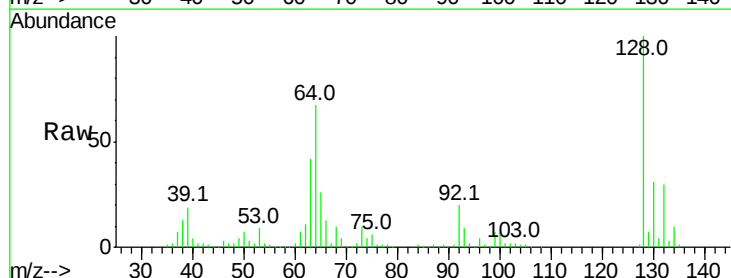
Tgt Ion: 128 Resp: 475528

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

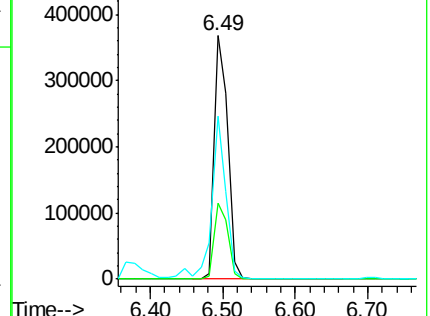
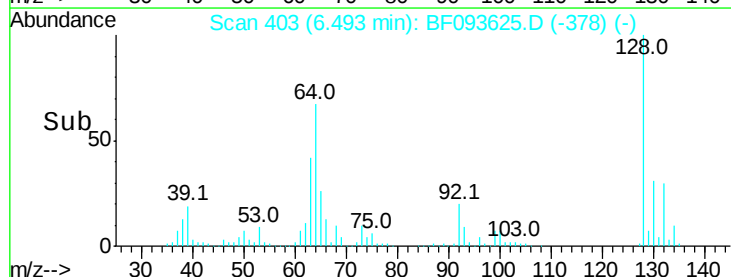
64 66.8 32.2 72.2

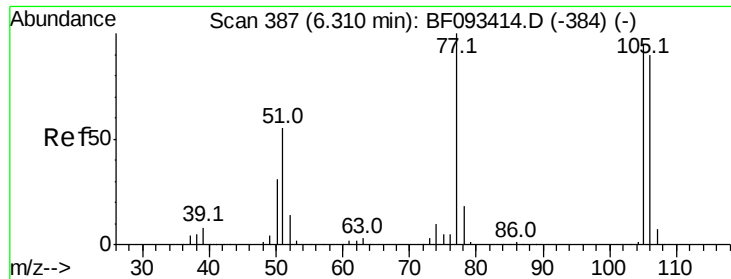


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.74 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 244933

Ion Ratio Lower Upper

77 100

105 98.7 83.9 123.9

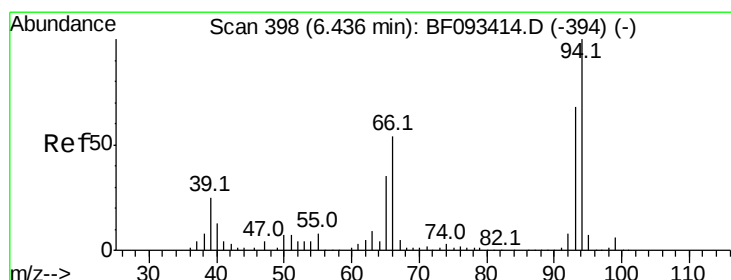
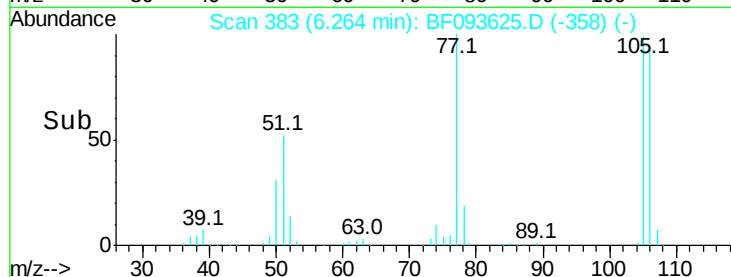
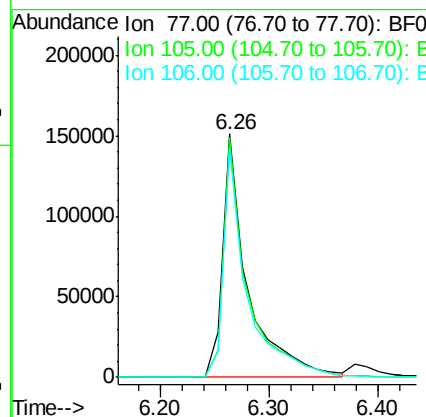
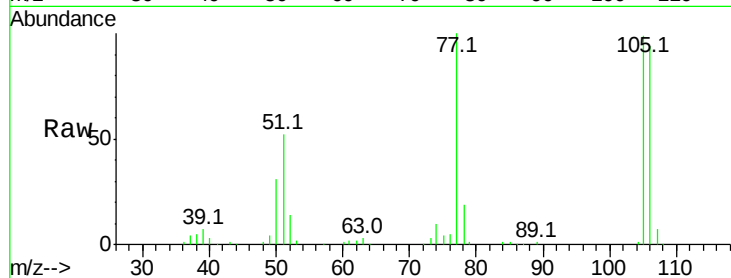
106 94.4 77.6 117.6

Manual Integrations

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#10

Phenol

Concen: 44.43 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

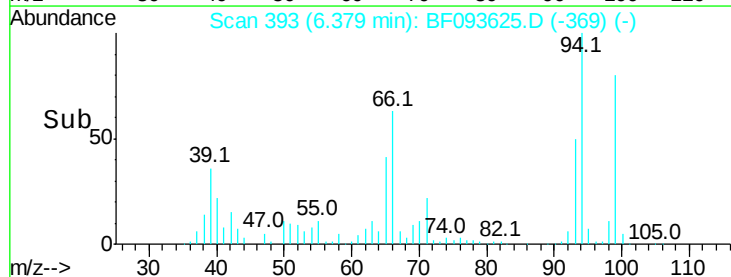
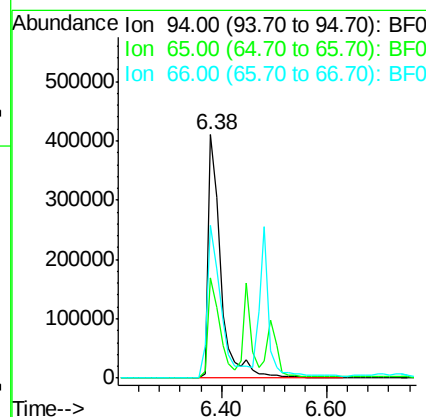
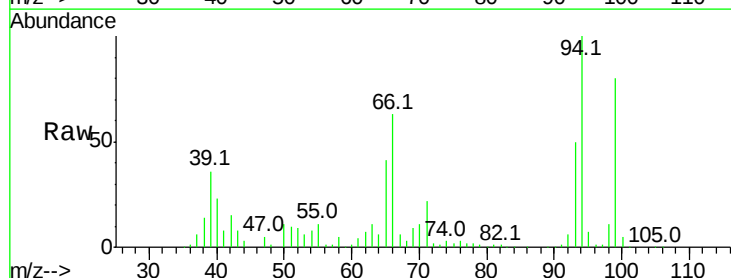
Tgt Ion: 94 Resp: 696769

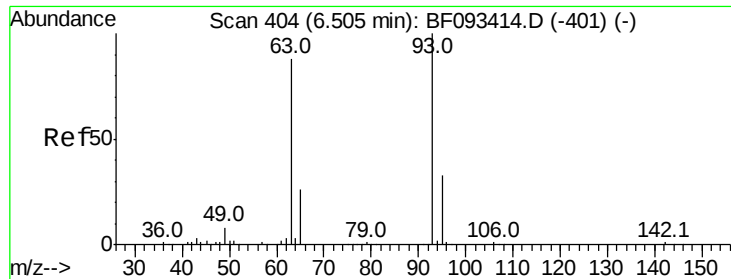
Ion Ratio Lower Upper

94 100

65 41.4 21.4 61.4

66 62.9 44.0 84.0





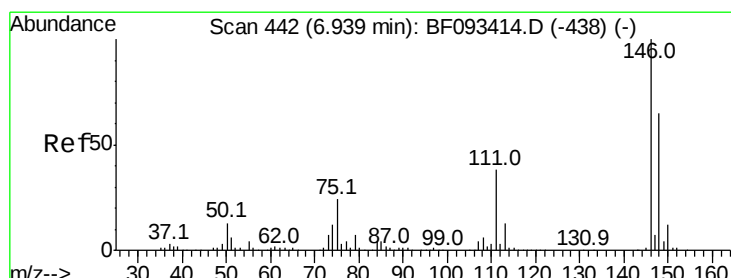
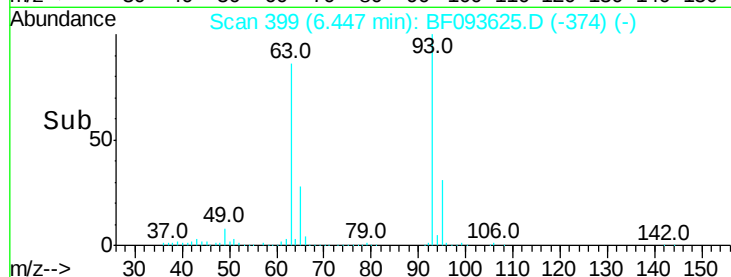
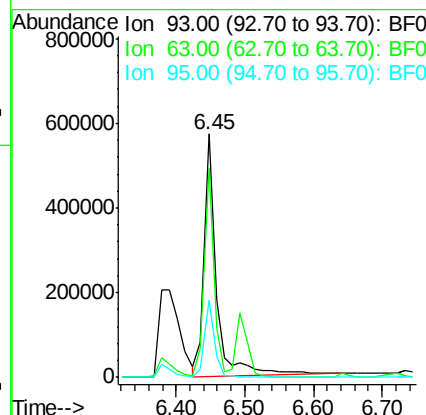
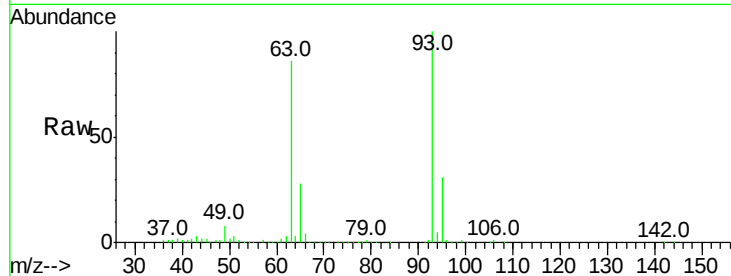
#11
bis(2-Chloroethyl)ether
Concen: 55.24 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.1	60.4	100.4
95	31.5	12.8	52.8

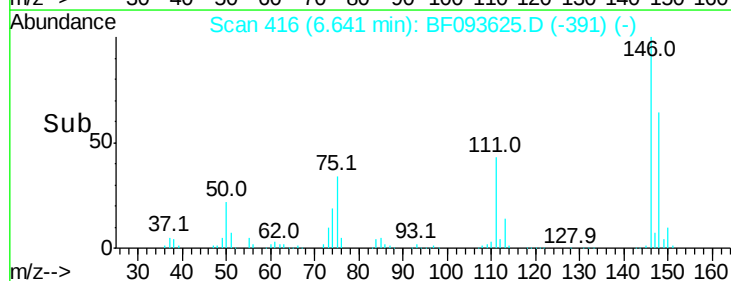
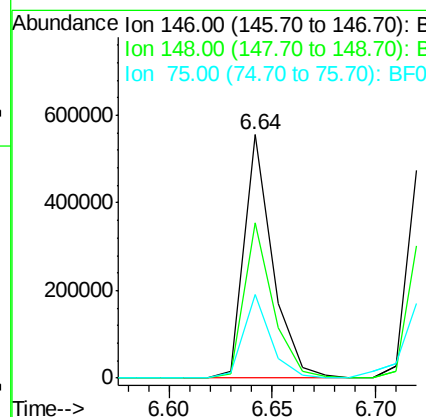
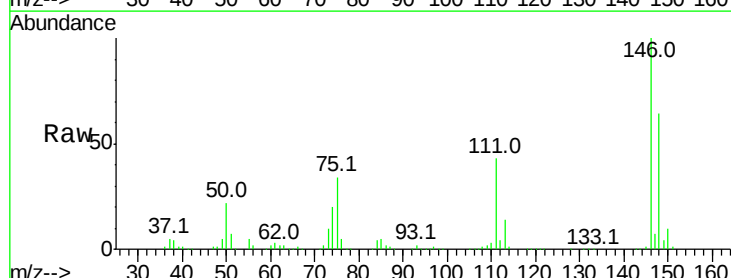
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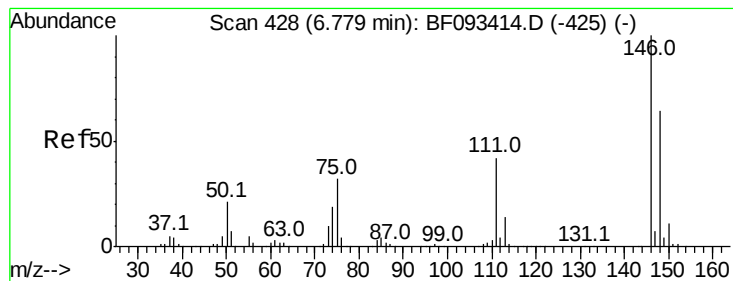
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.75 ng m
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.4	80.0
75	34.2	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.01 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

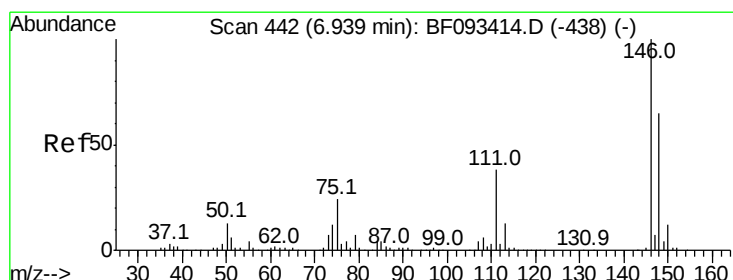
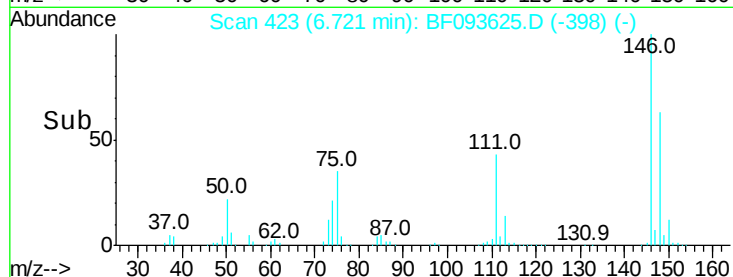
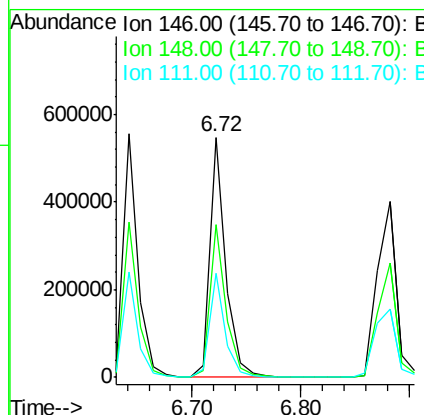
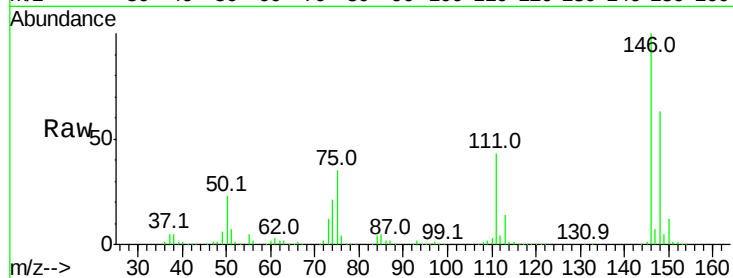
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	559764
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	43.2	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 42.03 ng

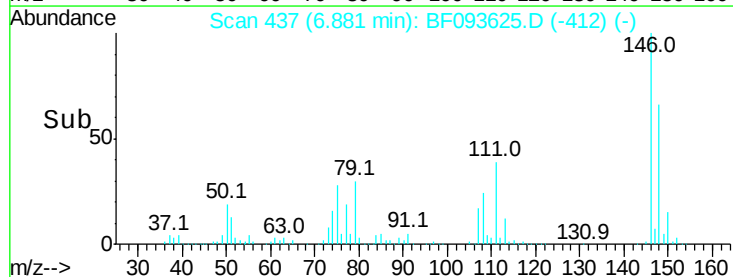
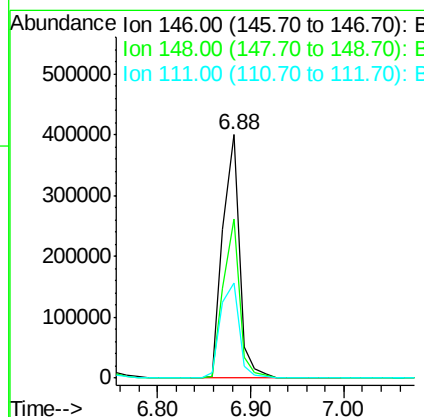
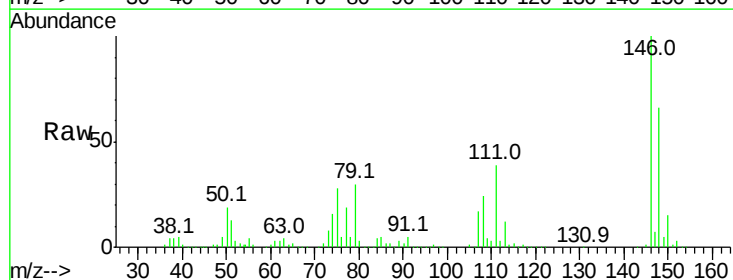
RT: 6.88 min Scan# 437

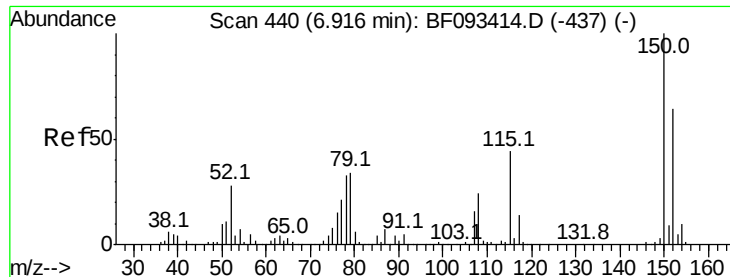
Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:	146	Resp:	495944
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	38.8	36.2	54.2





#15

Benzyl Alcohol

Concen: 28.05 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

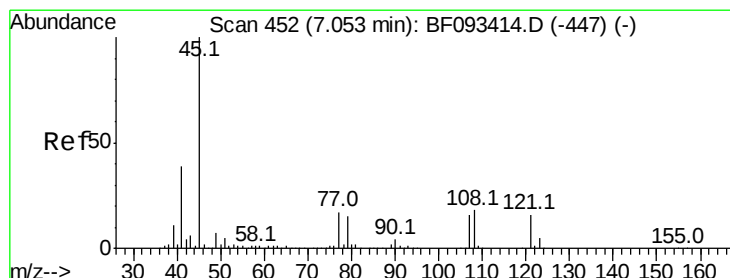
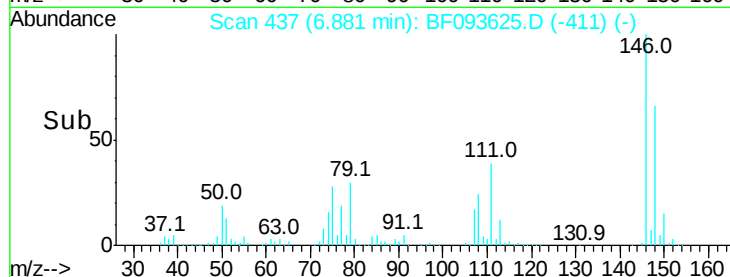
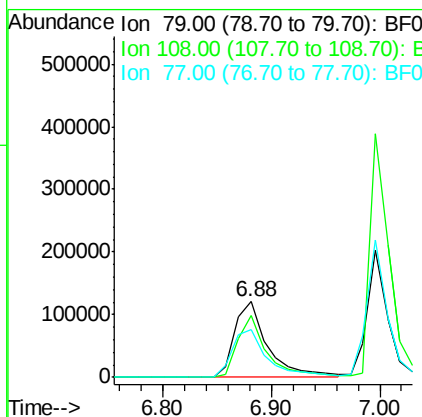
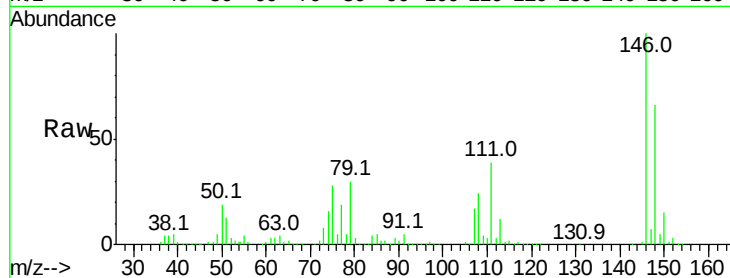
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	255850
Ion Ratio	Lower	Upper	
79	100		
108	81.0	61.4	92.0
77	63.3	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.89 ng

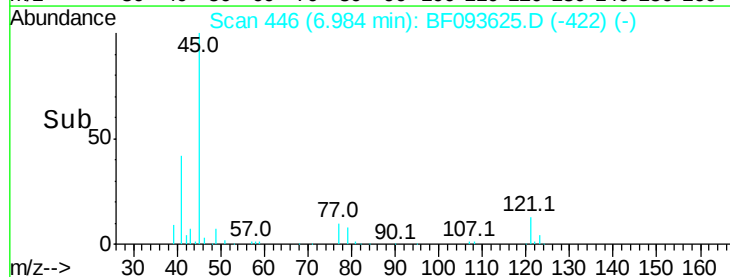
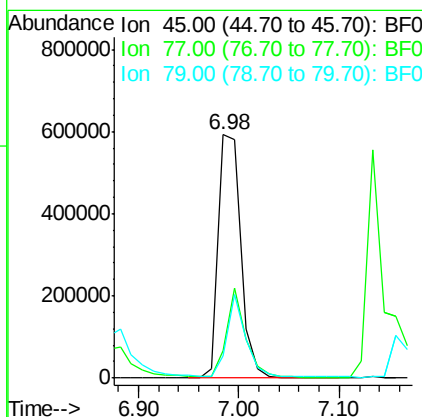
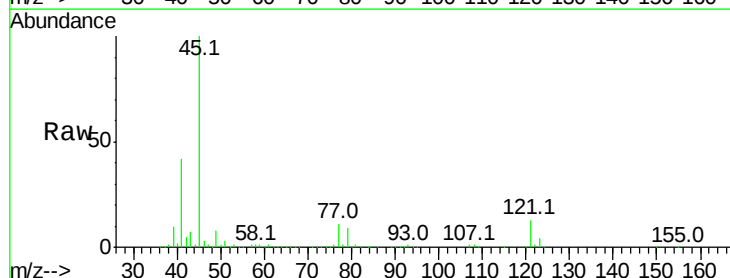
RT: 6.98 min Scan# 446

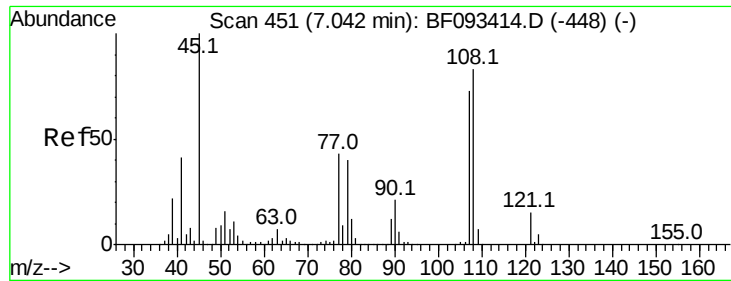
Delta R.T. -0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:	45	Resp:	924026
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	34.6
79	9.0	0.0	31.2





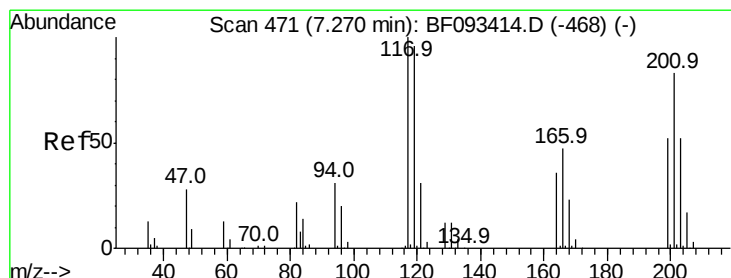
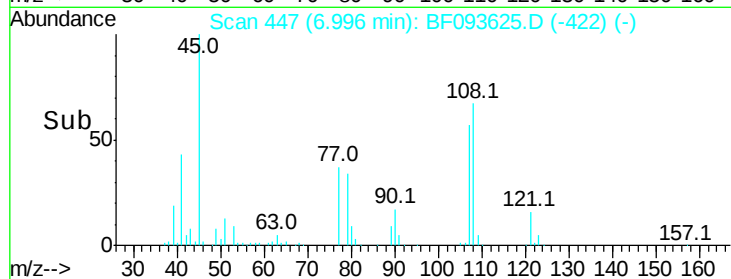
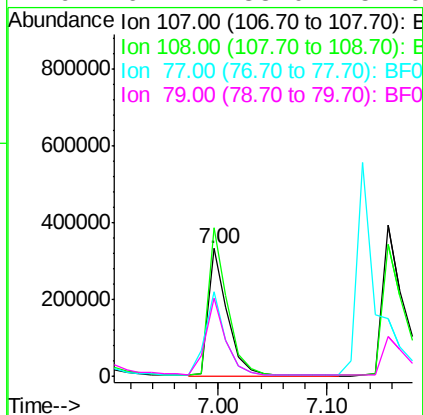
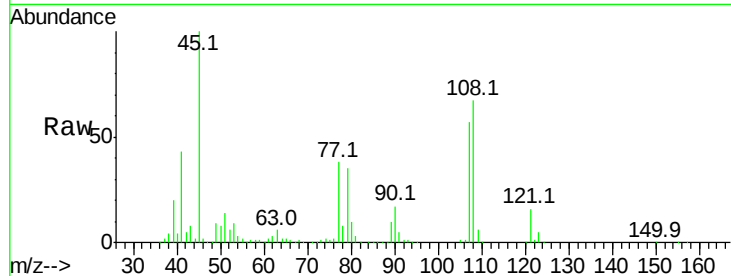
#17
2-Methylphenol
Concen: 42.03 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.0	139.6
77	65.8	39.8	59.8#
79	61.1	38.0	57.0#

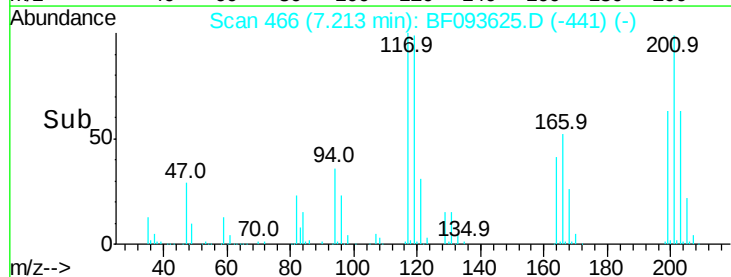
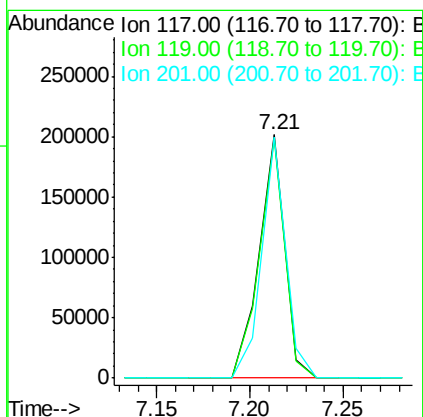
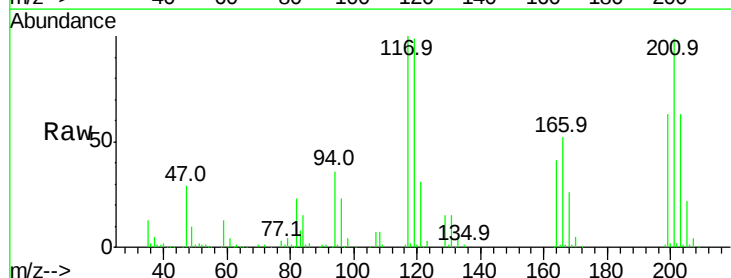
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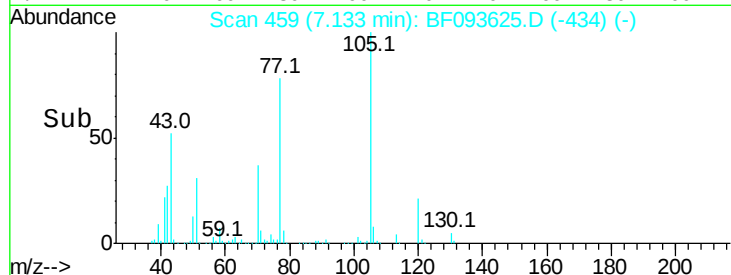
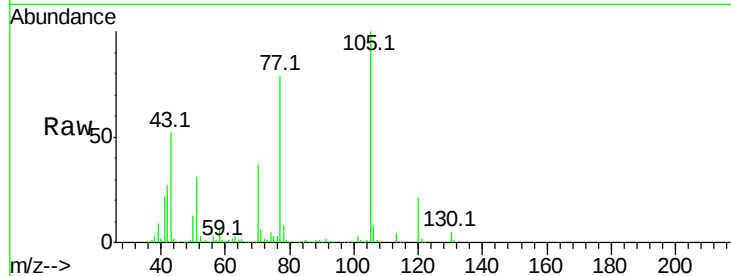
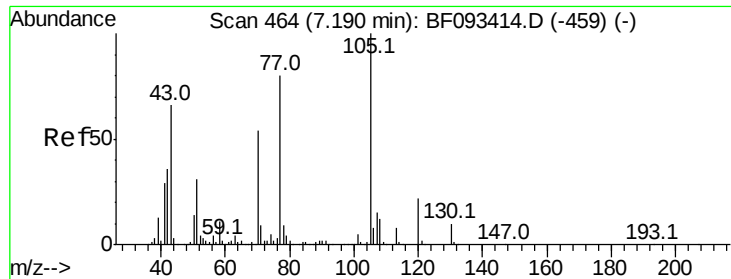
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#18
Hexachloroethane
Concen: 42.22 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.1	117.1
201	98.8	78.6	117.8





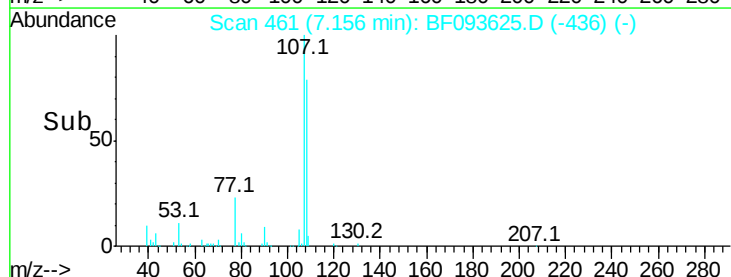
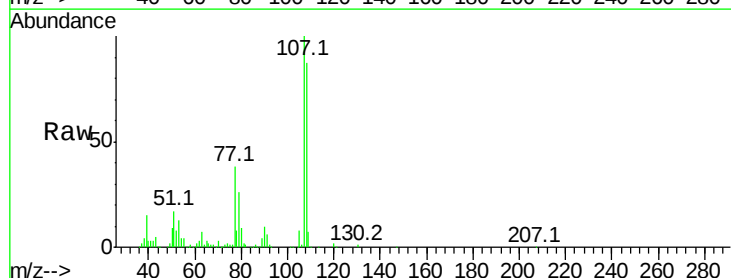
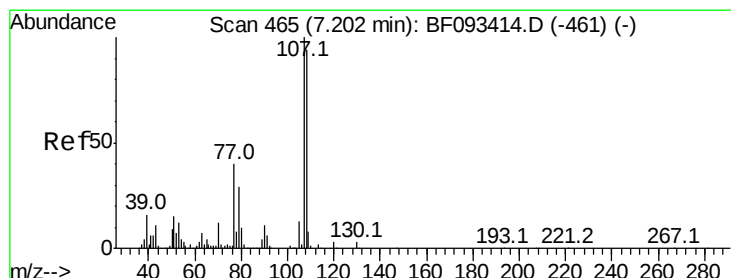
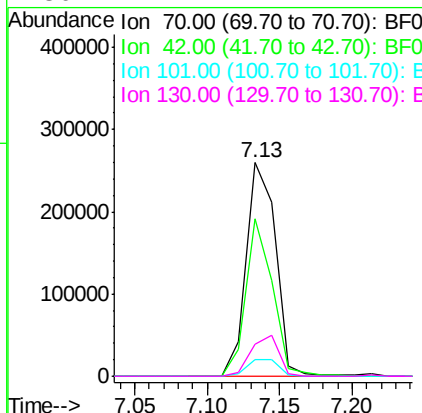
#19
n-Nitroso-di-n-propylamine
Concen: 41.56 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.7	49.4	74.0
101	7.8	7.4	11.2
130	14.7	14.2	21.4

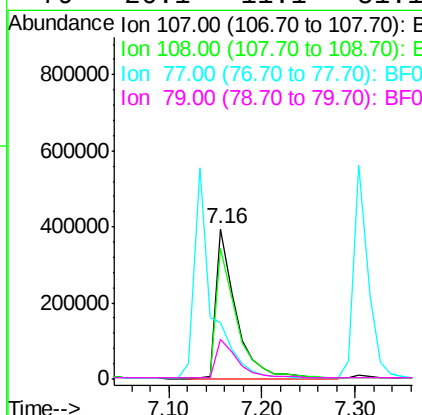
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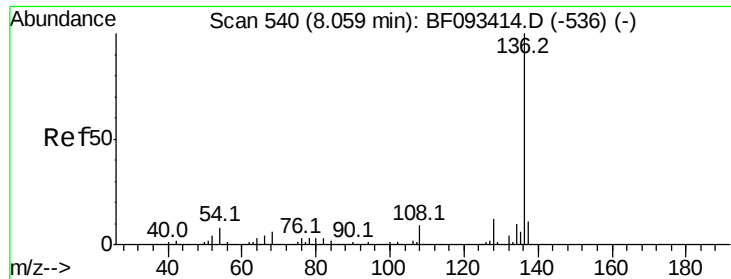
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#20
3+4-Methylphenols
Concen: 46.52 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	73.0	113.0
77	37.8	71.3	111.3#
79	26.1	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: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

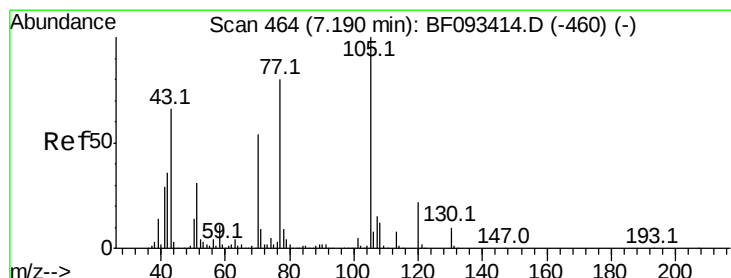
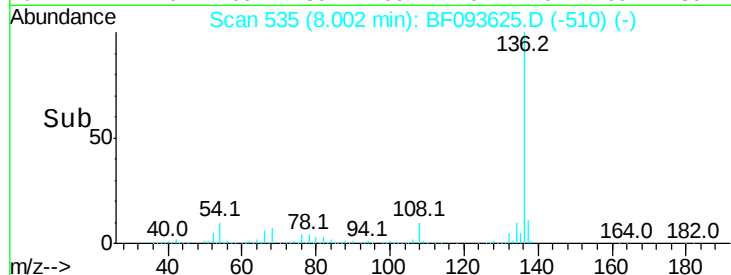
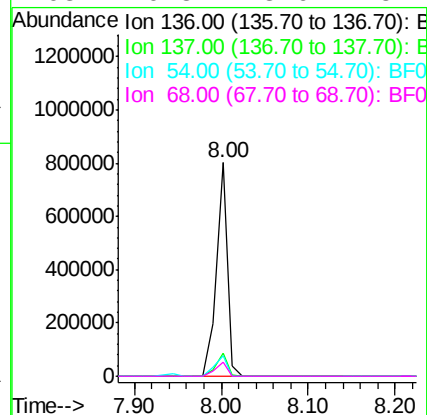
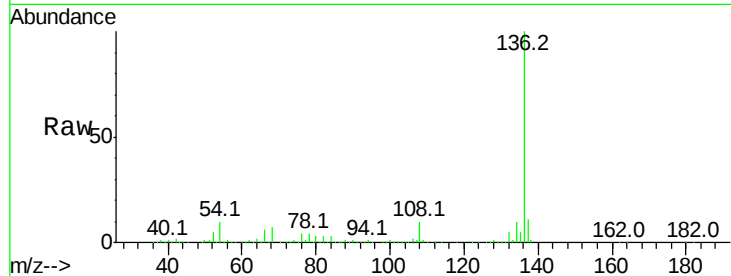
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.4	12.6	
54	9.7	4.5	6.7#	
68	6.8	3.6	5.4#	

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#22

Acetophenone

Concen: 40.38 ng

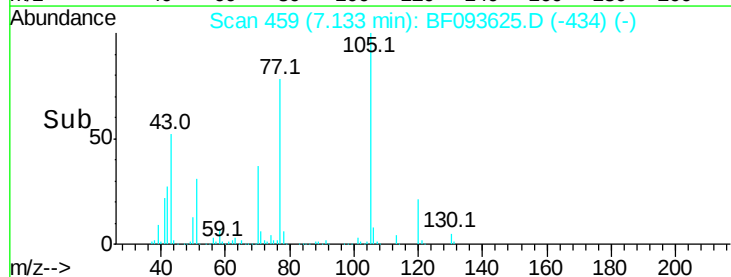
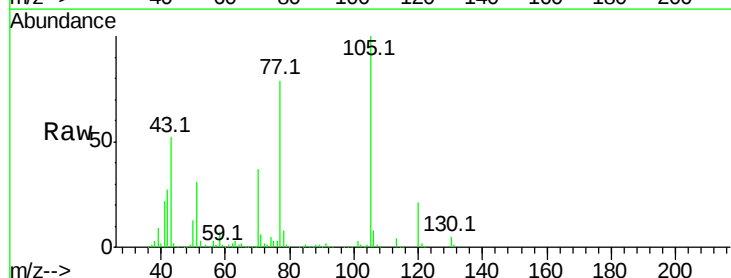
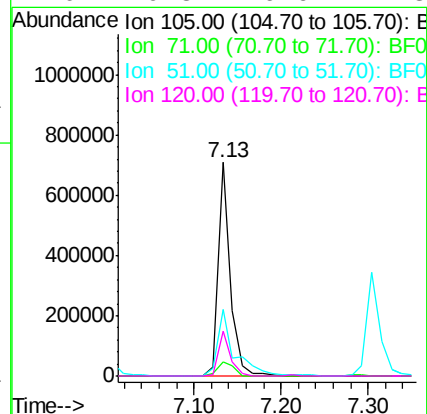
RT: 7.13 min Scan# 459

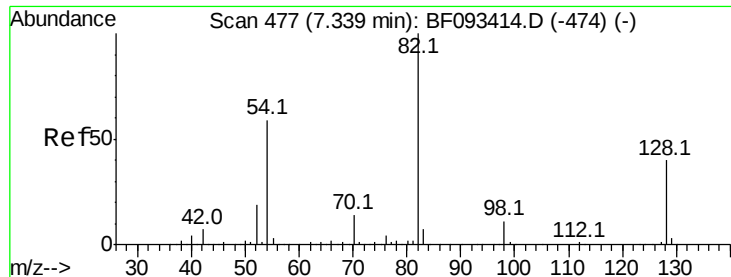
Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	3.2	4.8#	
51	31.1	26.2	39.4	
120	20.8	16.6	24.8	





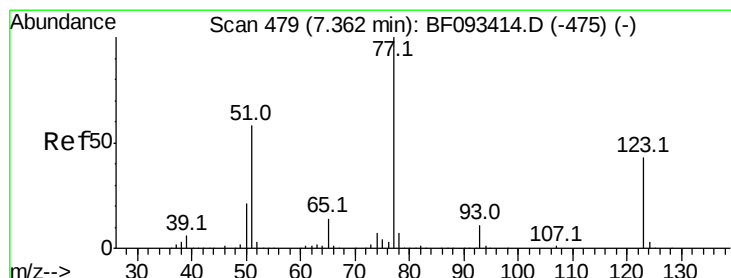
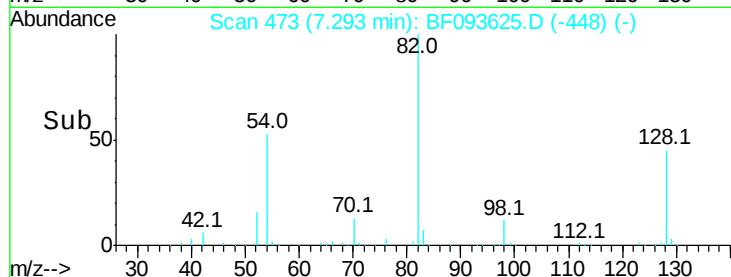
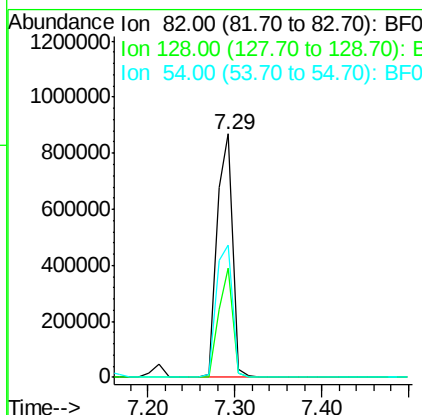
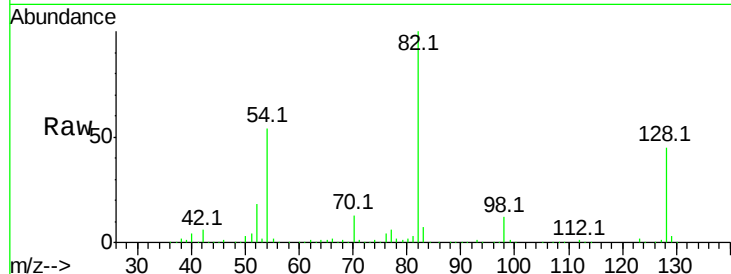
#23
 Nitrobenzene-d5
 Concen: 85.13 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1098349
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 52.0
 54 54.1 39.5 59.3

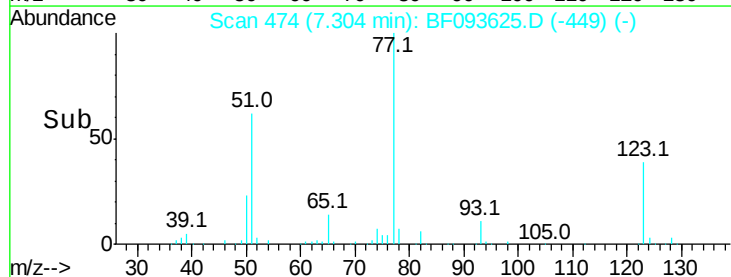
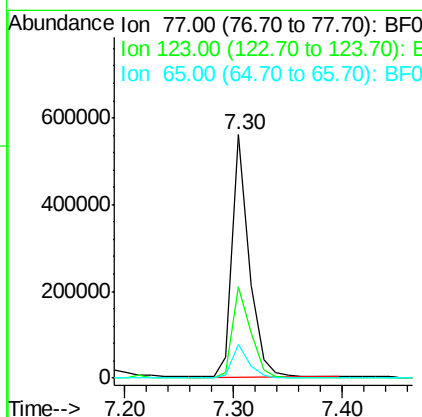
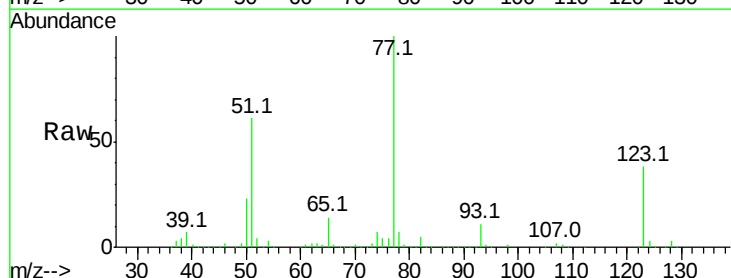
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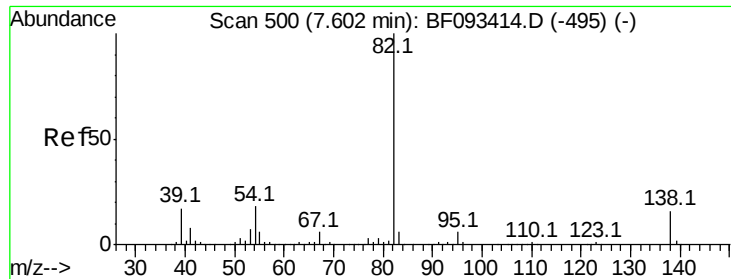
mohammad
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#24
 Nitrobenzene
 Concen: 41.56 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion: 77 Resp: 602612
 Ion Ratio Lower Upper
 77 100
 123 37.5 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 39.91 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1038465

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

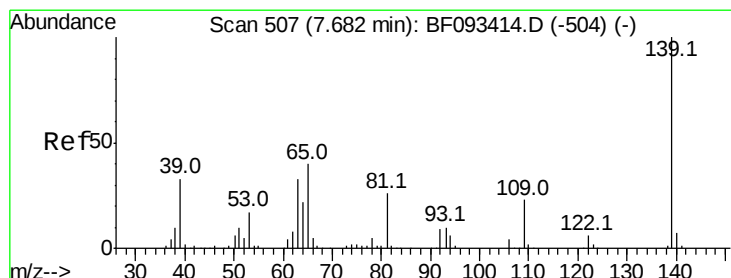
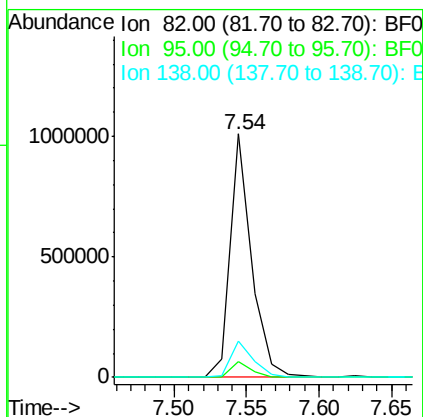
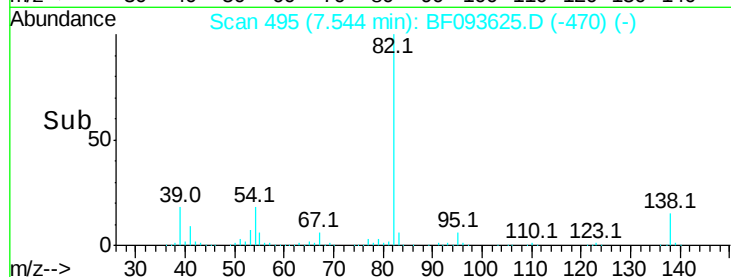
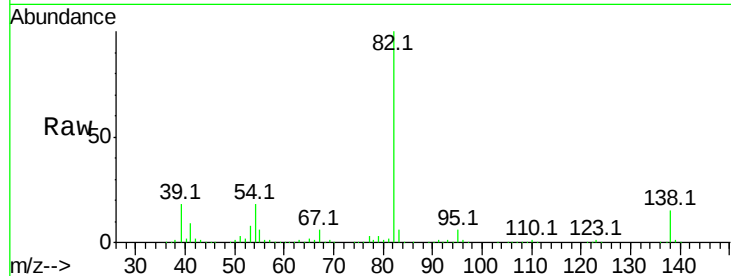
138 14.9 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.53 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

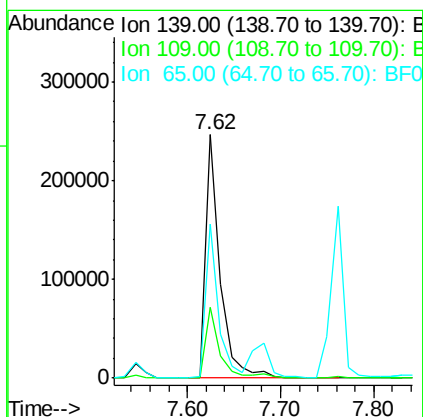
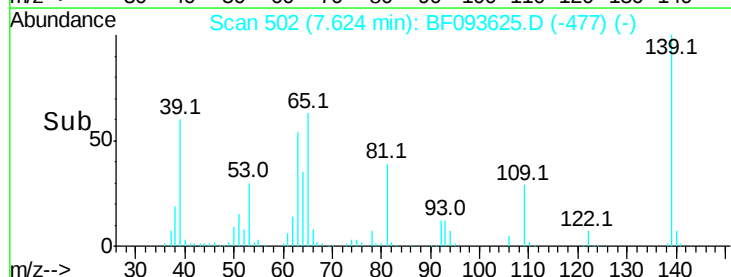
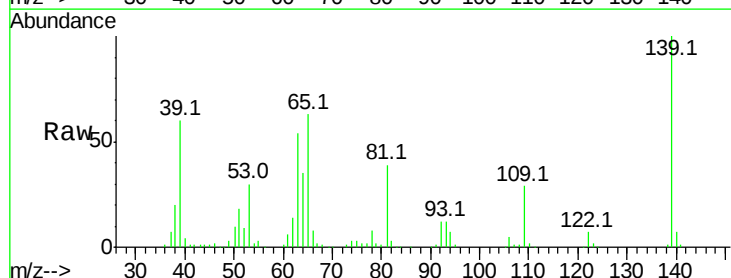
Tgt Ion: 139 Resp: 268163

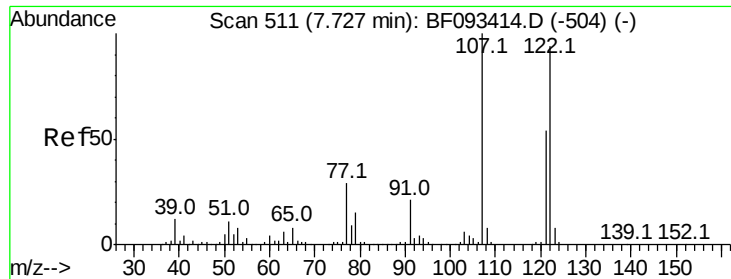
Ion Ratio Lower Upper

139 100

109 29.2 23.3 34.9

65 63.4 42.7 64.1





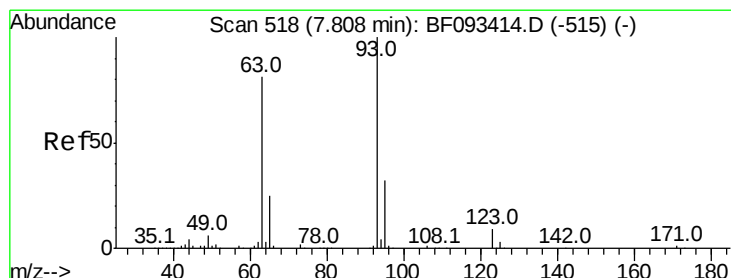
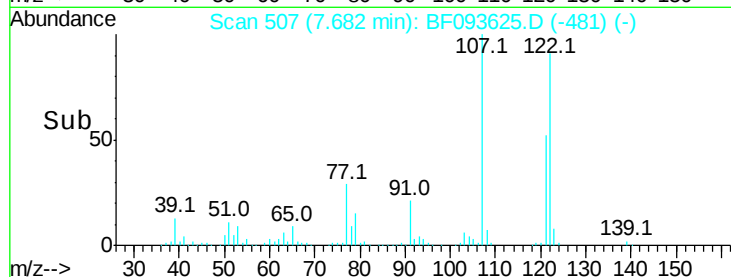
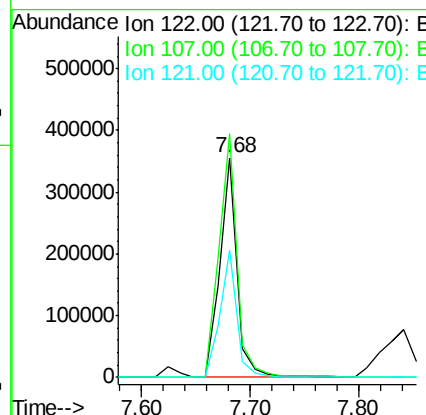
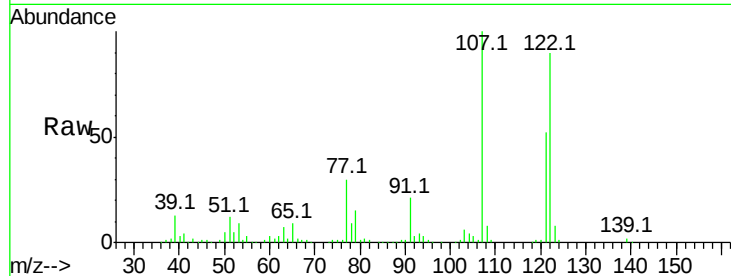
#27
2,4-Dimethylphenol
Concen: 36.08 ng
RT: 7.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	388365		
107	110.7	94.1	141.1	
121	57.8	46.0	69.0	

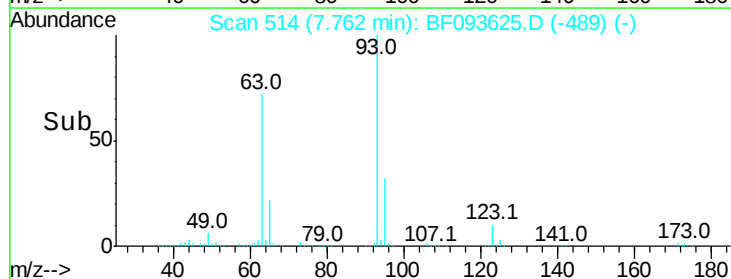
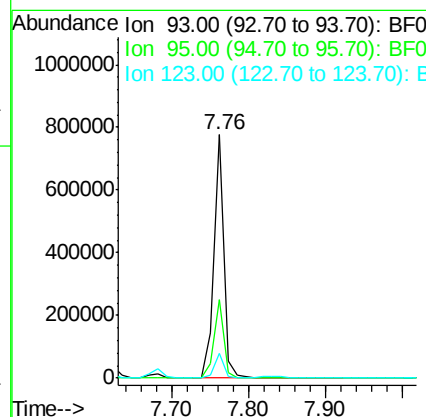
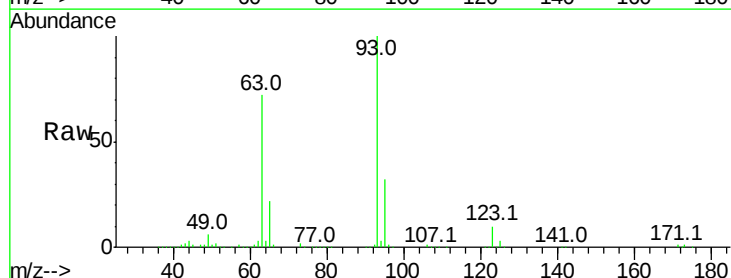
Manual Integrations
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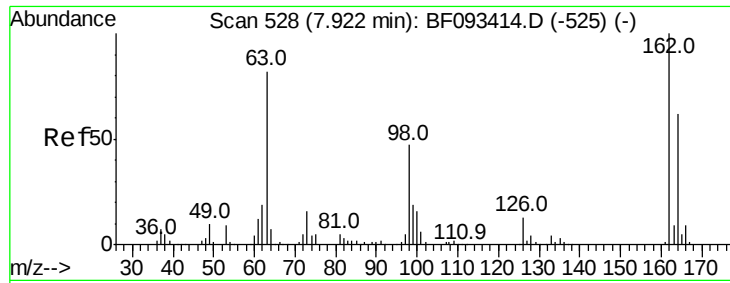
mohammad
3/15/2017 5:38:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.89 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	687988		
95	32.4	26.5	39.7	
123	10.1	8.6	13.0	





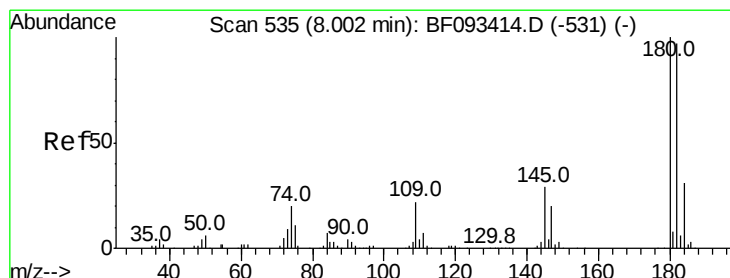
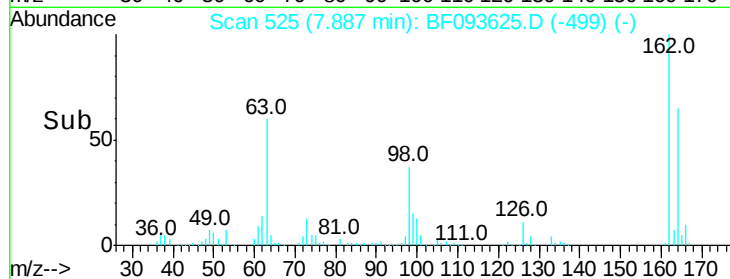
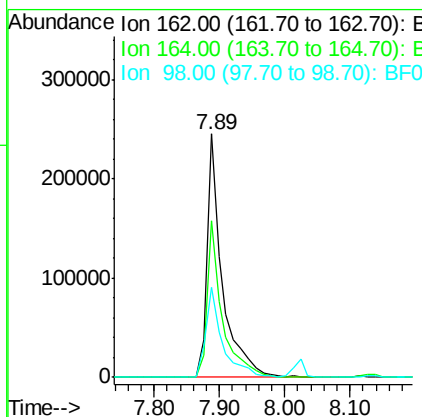
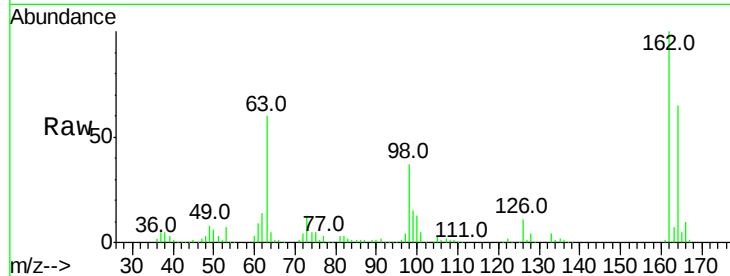
#29
 2,4-Dichlorophenol
 Concen: 39.07 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	395609		
164	64.5	46.8	86.8	
98	37.2	9.1	49.1	

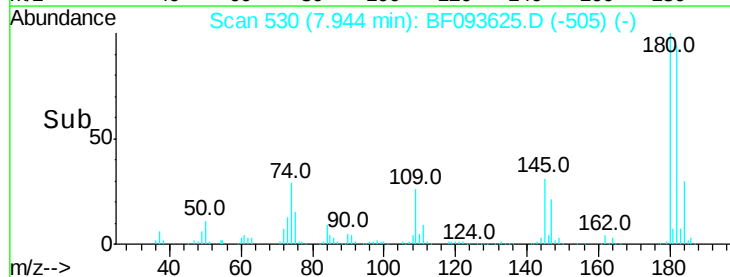
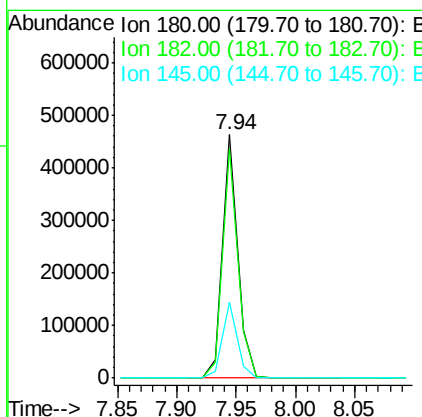
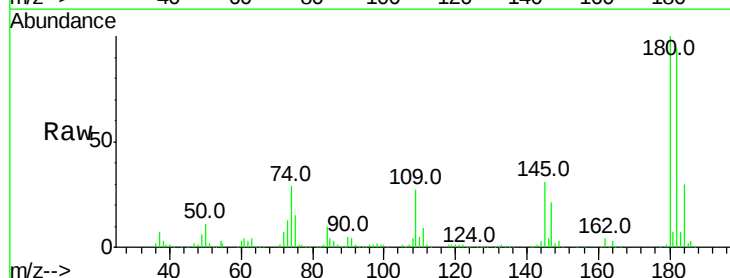
Manual Integrations
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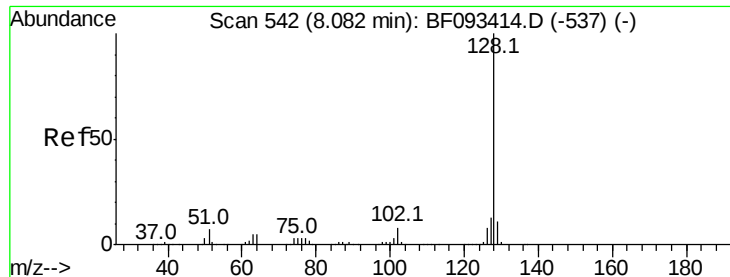
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.84 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	407432		
182	94.1	78.2	117.4	
145	31.4	21.6	32.4	





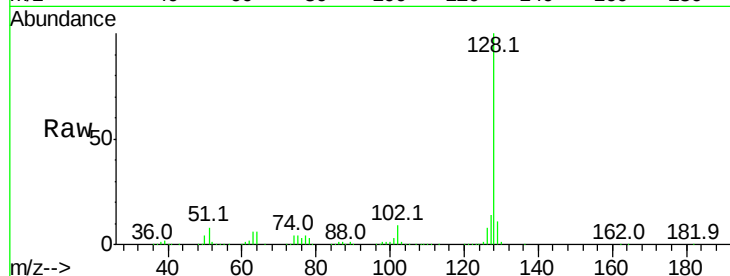
#31
Naphthalene
Concen: 39.30 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

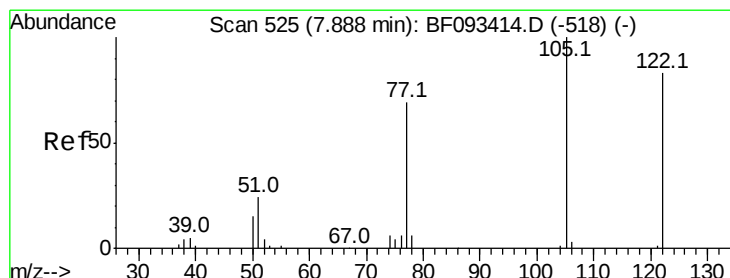
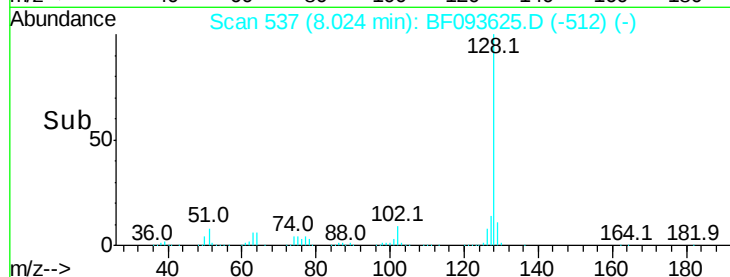
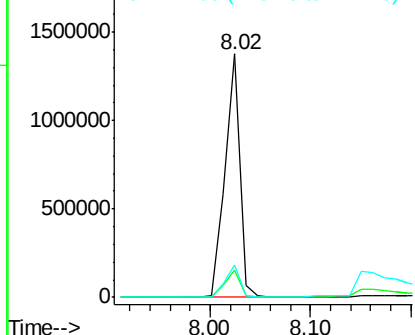
Tot Ion:128 Resp: 1409835
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.5 10.8 16.2

Manual Integrations
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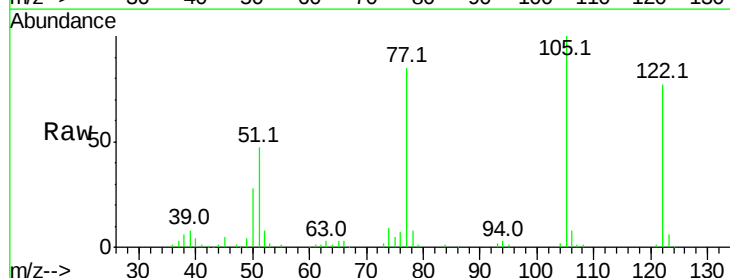


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

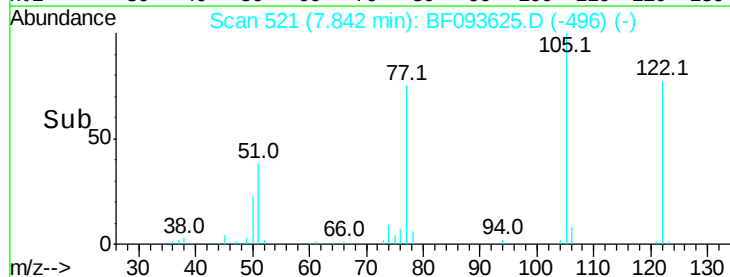
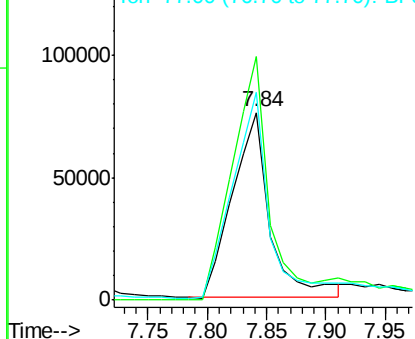


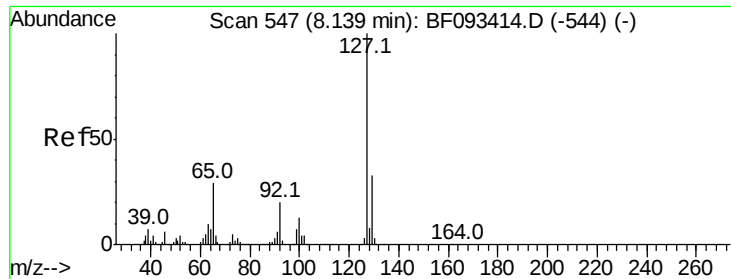
#32
Benzoic acid
Concen: 29.95 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:122 Resp: 167501
Ion Ratio Lower Upper
122 100
105 130.0 107.2 147.2
77 110.8 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





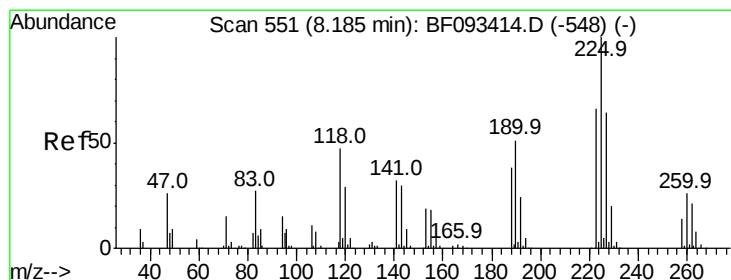
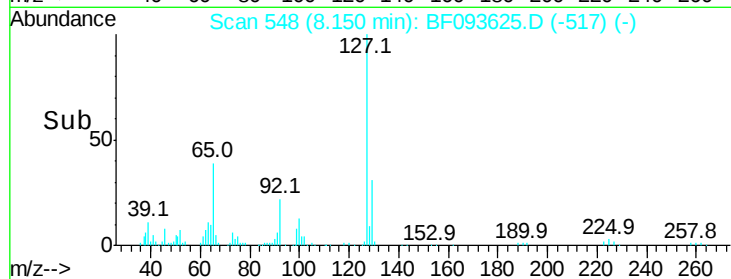
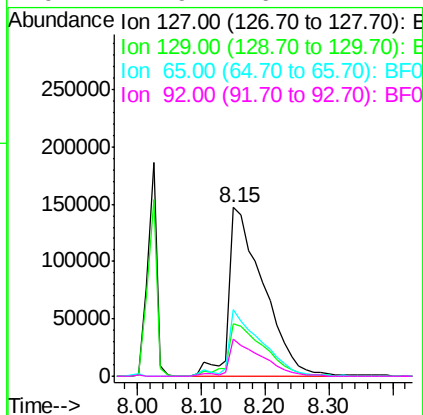
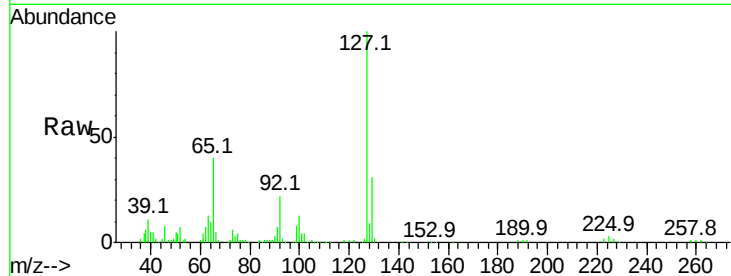
#33
4-Chloroaniline
Concen: 37.95 ng/ml
RT: 8.15 min Scan# 548
Delta R.T. 0.06 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.5	26.3	39.5
65	39.9	25.8	38.8
92	21.9	16.1	24.1

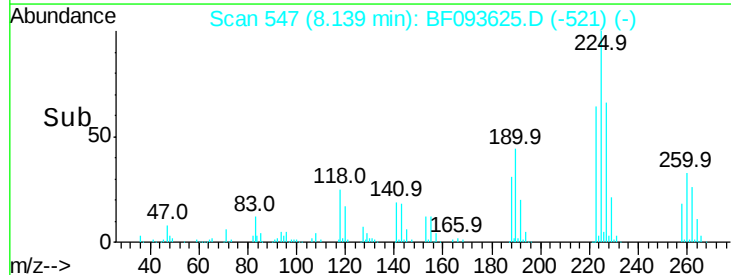
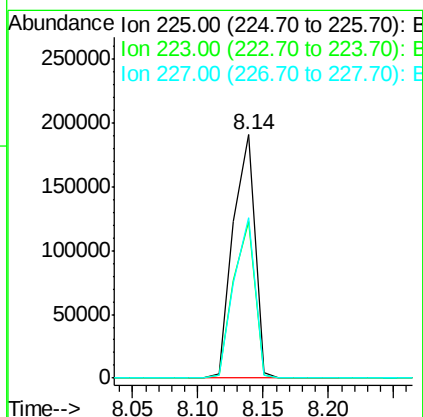
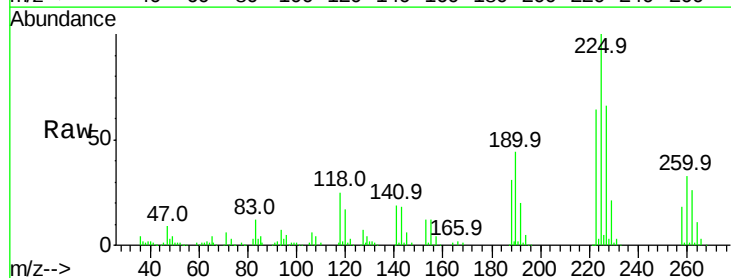
Manual Integrations
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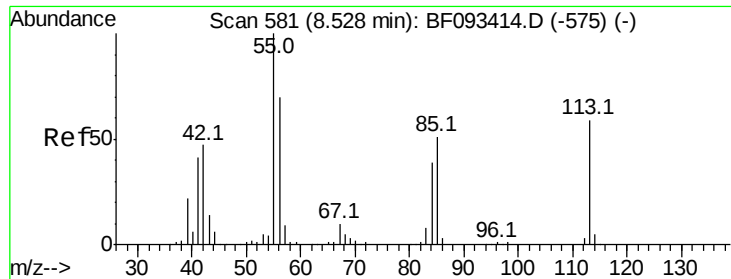
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#34
Hexachlorobutadiene
Concen: 40.00 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.1	51.0	76.6
227	66.1	50.6	76.0





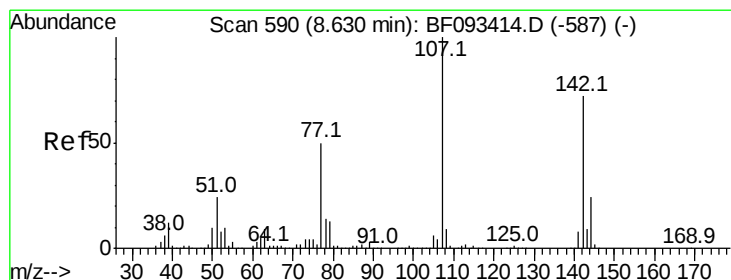
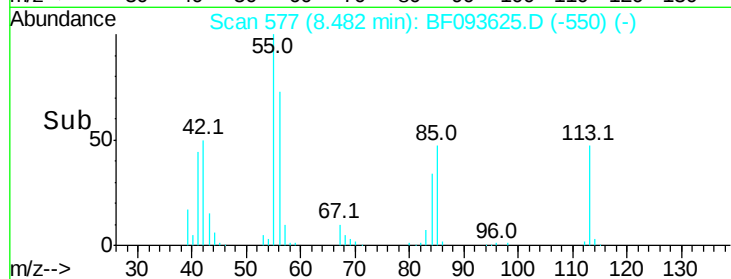
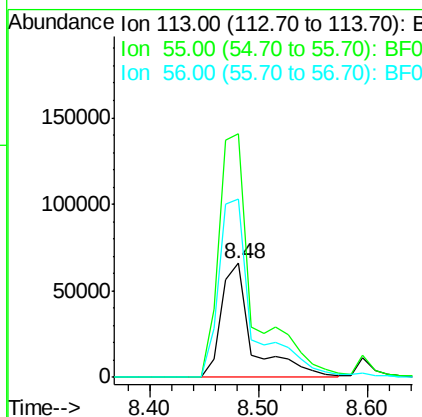
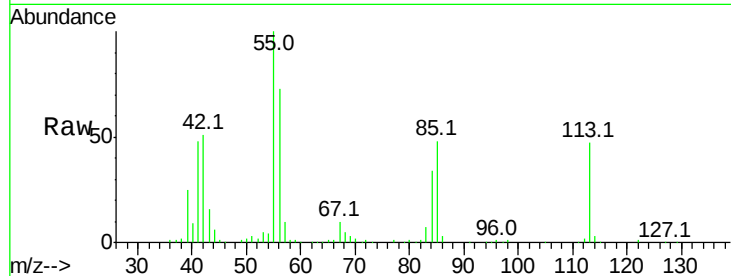
#35
Caprolactam
Concen: 38.25 ng
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 132263
Ion Ratio Lower Upper
113 100
55 213.4 119.2 159.2#
56 156.3 83.8 123.8#

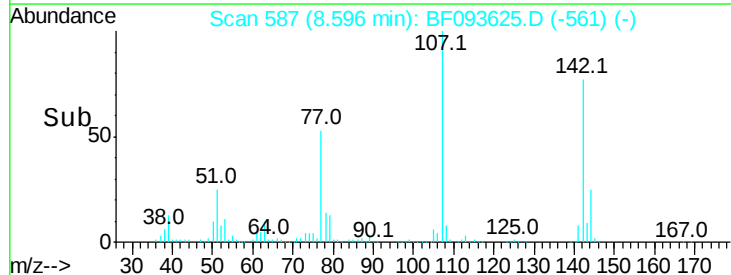
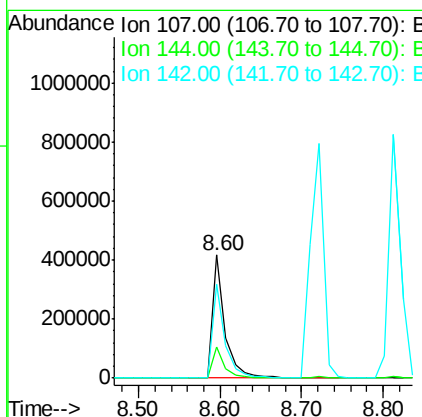
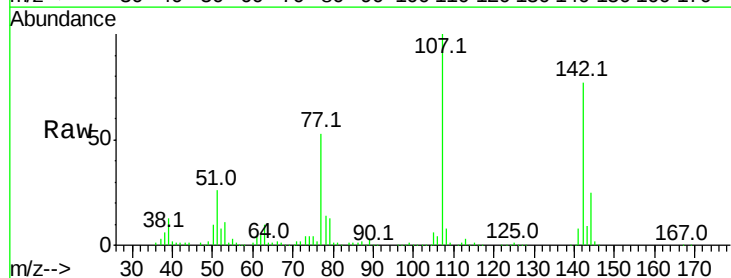
Manual Integrations
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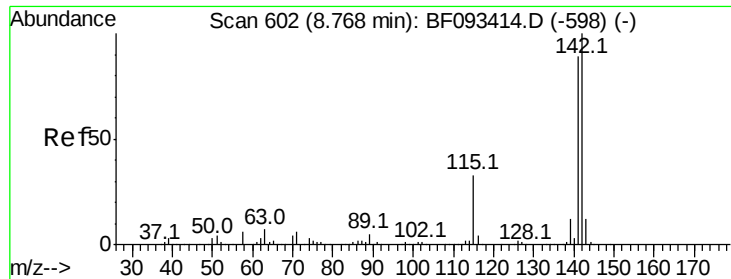
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.03 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:107 Resp: 443395
Ion Ratio Lower Upper
107 100
144 25.0 19.3 28.9
142 76.7 59.0 88.6





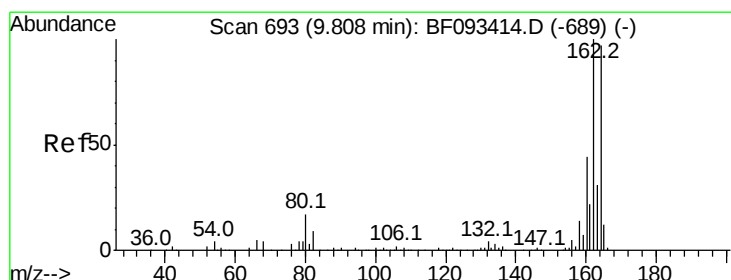
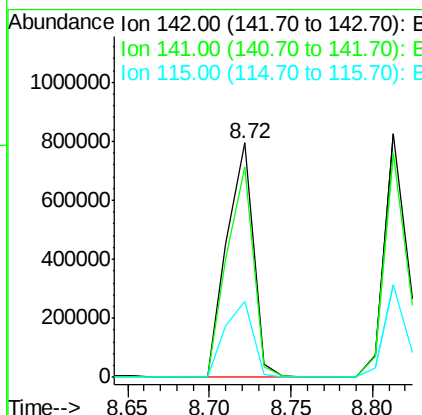
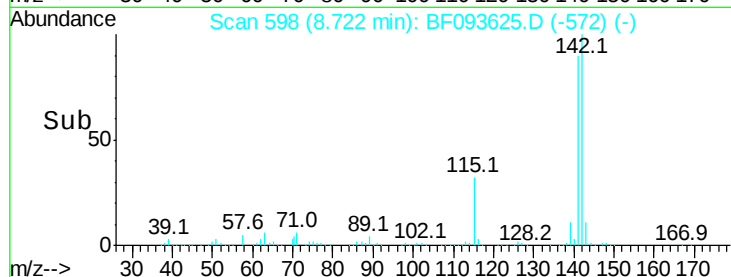
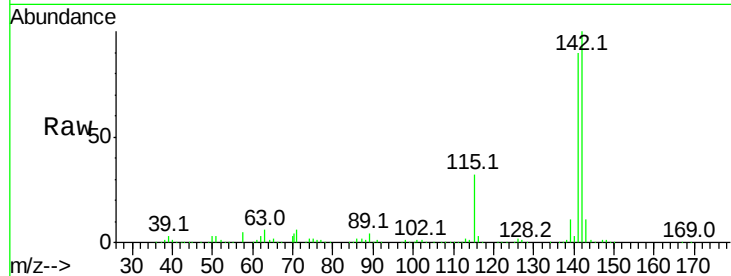
#37
2-Methylnaphthalene
Concen: 39.04 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	32.3	28.3	42.5

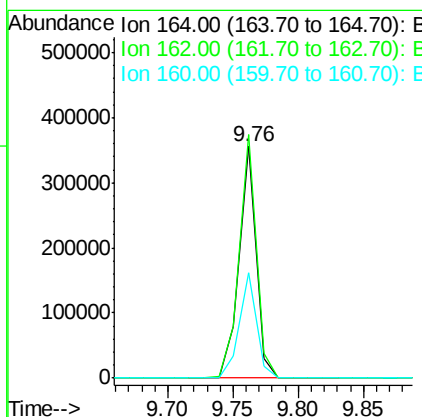
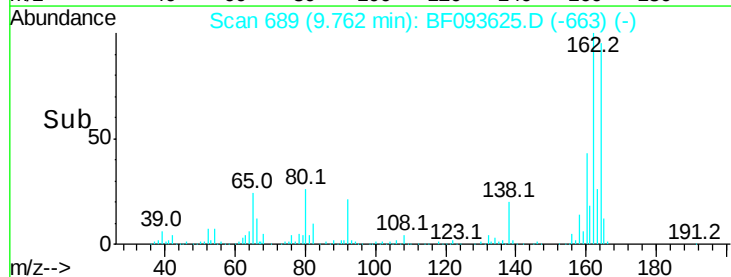
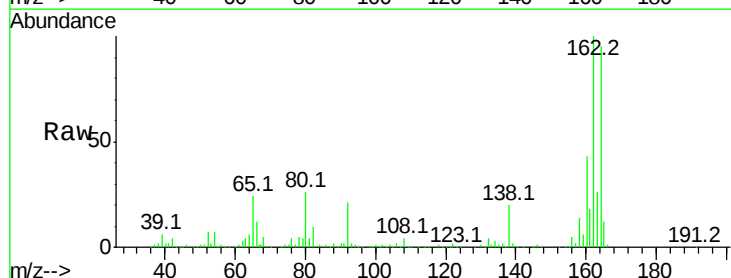
Manual Integrations
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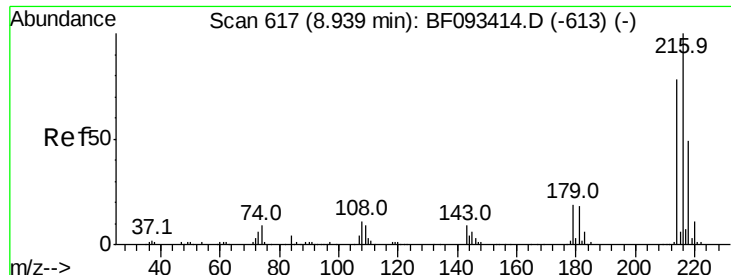
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.2	120.2
160	45.5	36.9	55.3





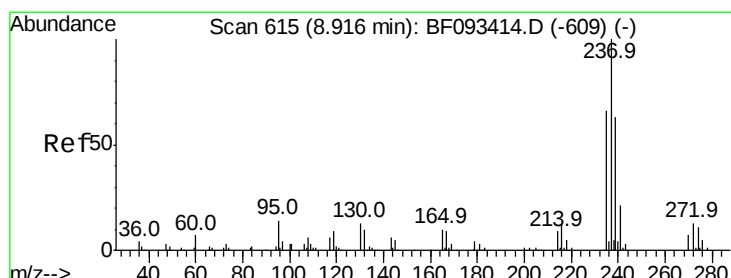
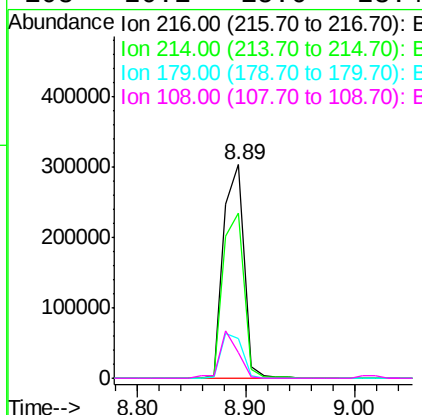
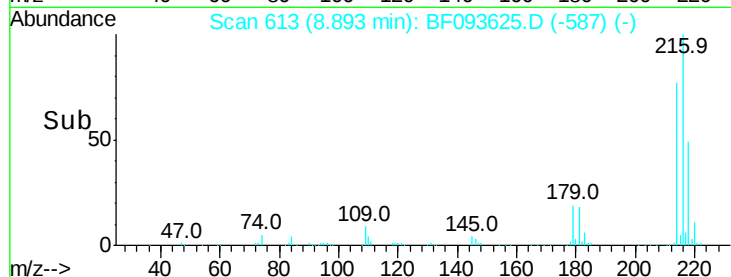
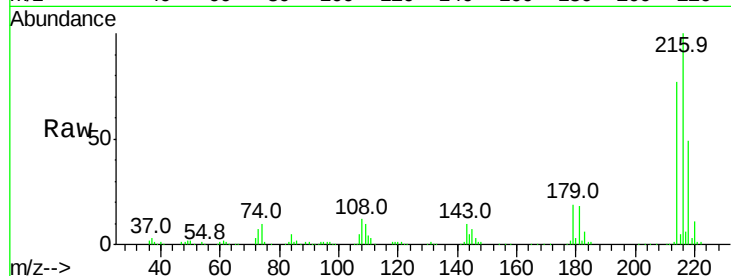
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.90 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	395181		
214	79.2	63.4	95.0	
179	21.8	17.4	26.2	
108	20.1	15.6	23.4	

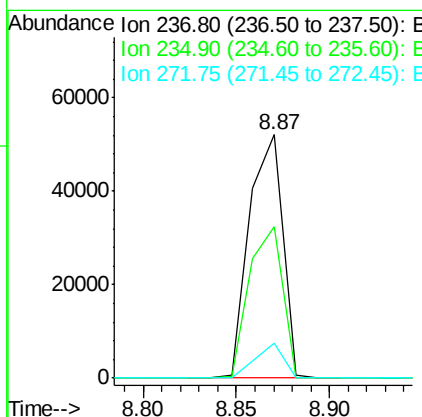
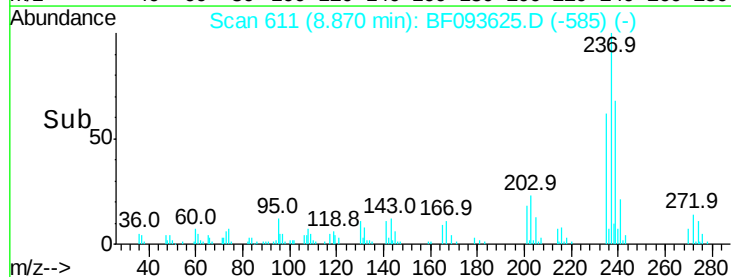
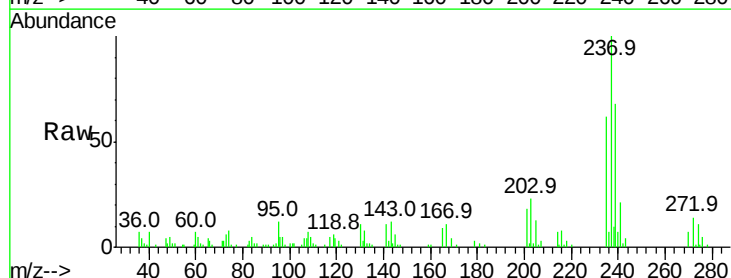
Manual Integrations
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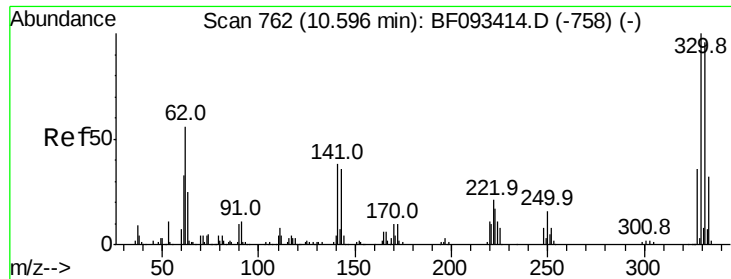
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 36.73 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	64470		
235	62.3	41.2	81.2	
272	14.3	0.0	35.4	





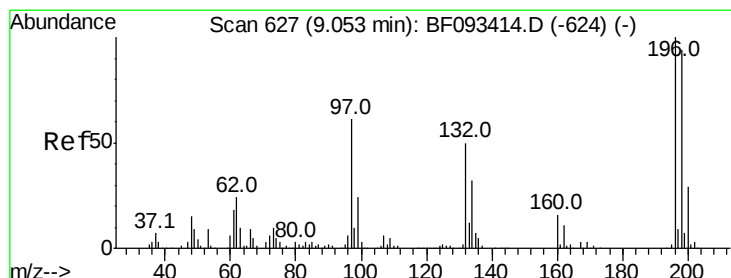
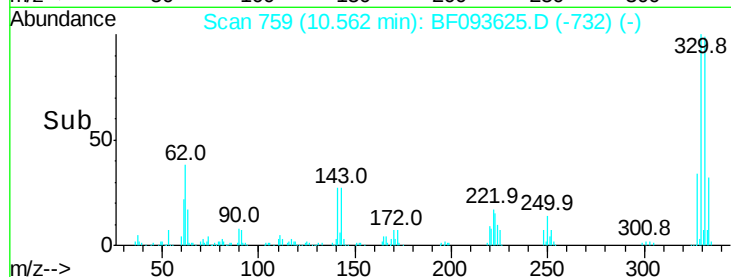
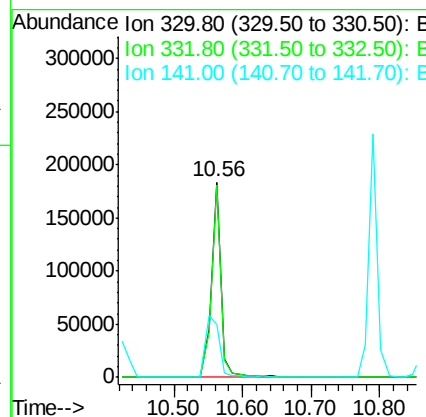
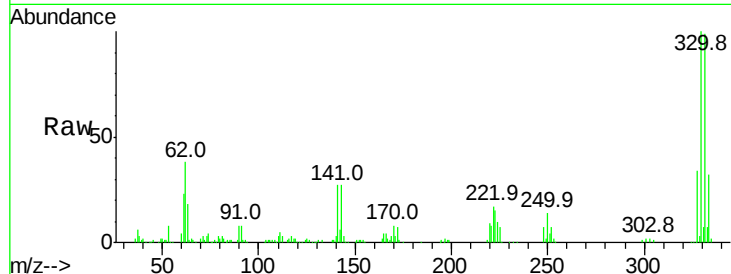
#41
 2,4,6-Tribromophenol
 Concen: 86.30 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	46.3	34.1	51.1

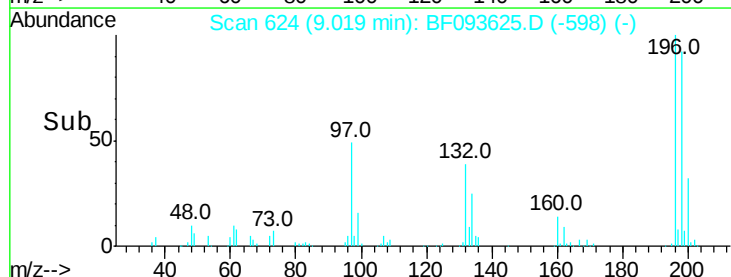
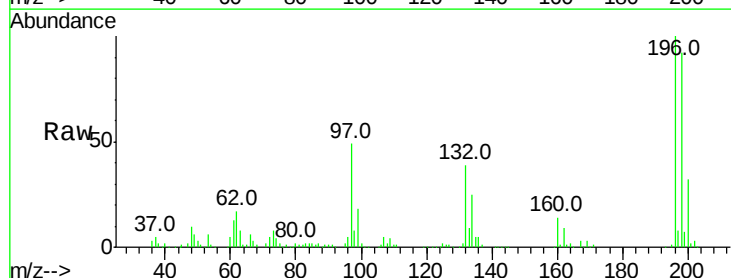
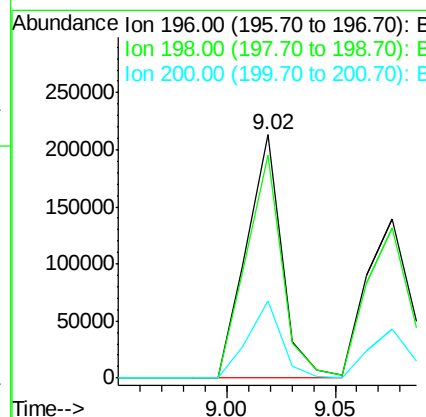
Manual Integrations
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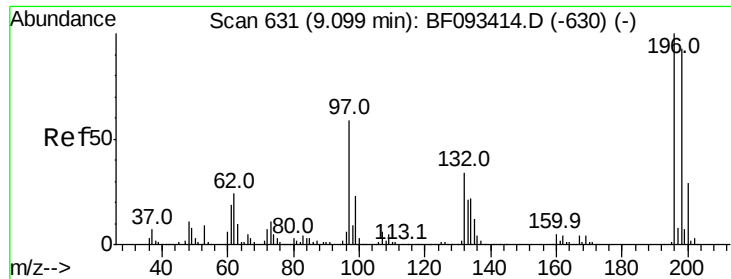
mohammad
 3/15/2017 5:38:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.98 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	82.1	123.1
200	31.9	27.0	40.4





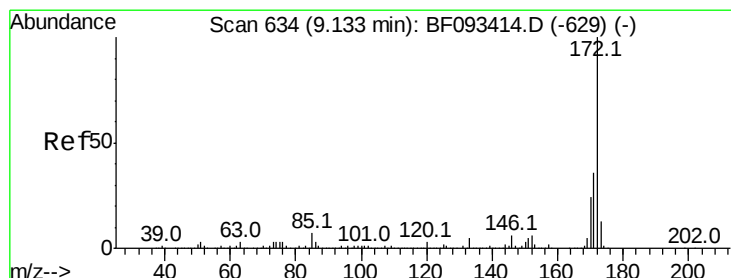
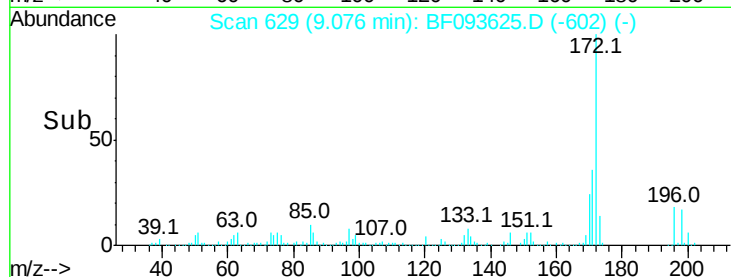
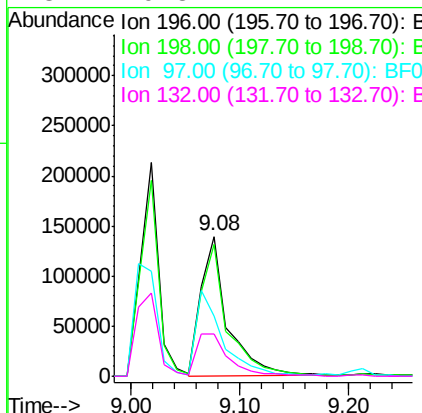
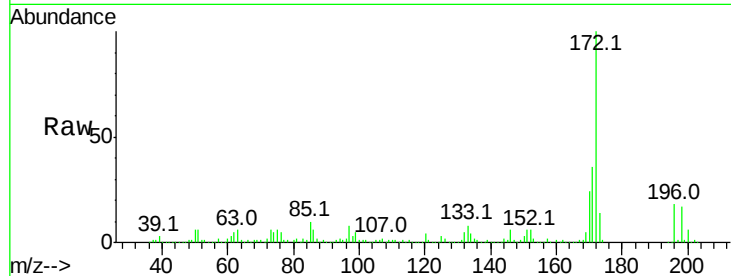
#43
2,4,5-Trichlorophenol
Concen: 40.55 ng
RT: 9.08 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	239217		
198	94.0	79.4	119.2	
97	43.4	51.5	77.3	
132	29.8	27.4	41.2	

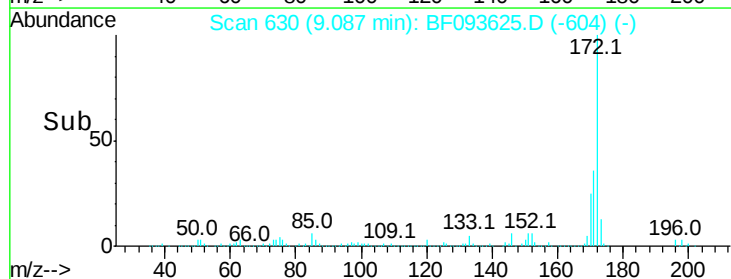
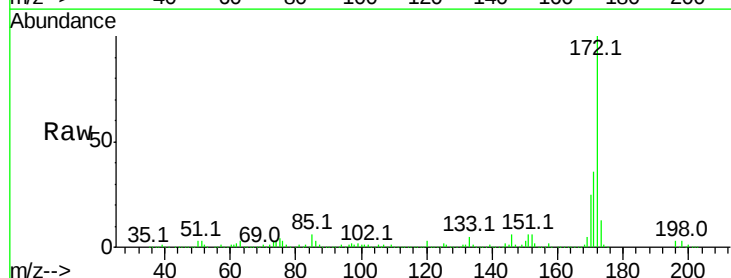
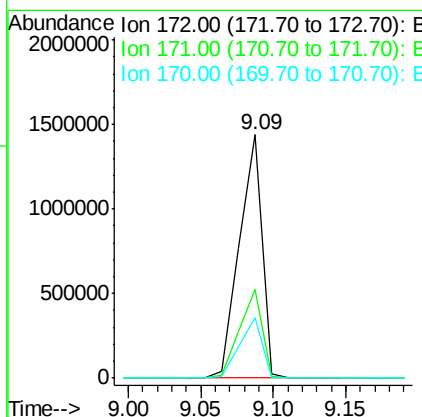
Manual Integrations
APPROVED

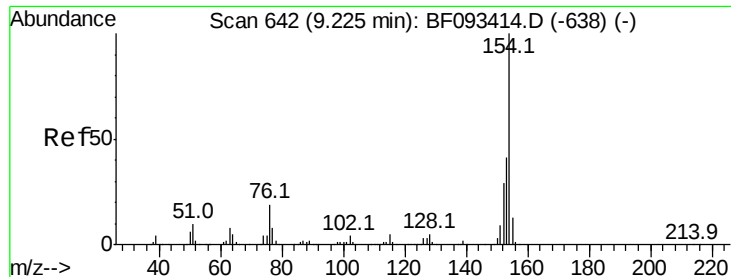
mohammad
3/15/2017 5:38:16 PM



#44
2-Fluorobiphenyl
Concen: 90.40 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1566439		
171	36.4	29.4	44.0	
170	24.7	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 44.68 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1048976

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

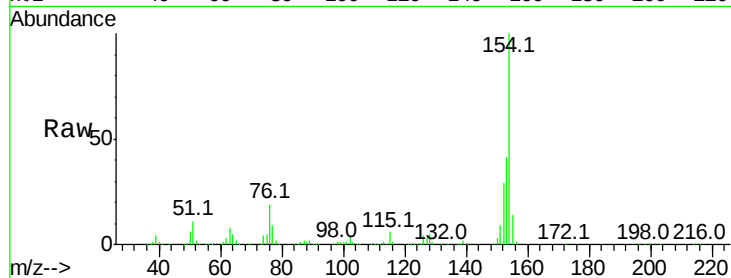
76 19.3 0.0 30.5

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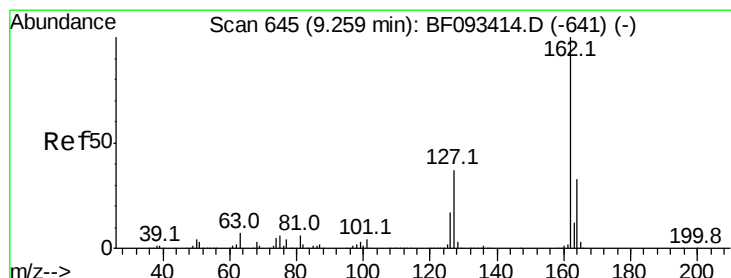
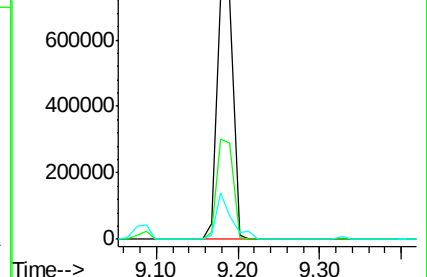
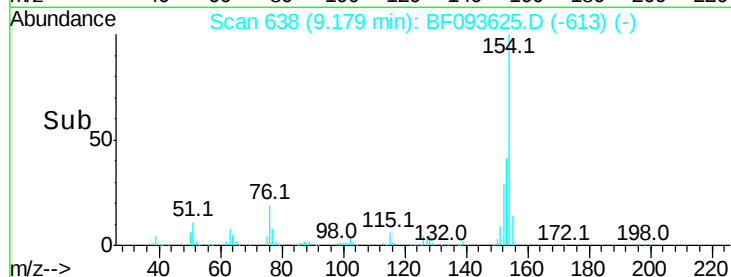
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.09 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

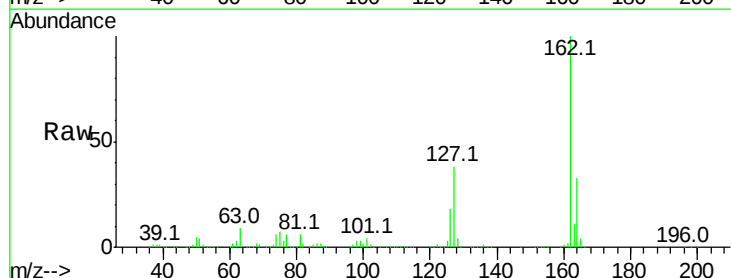
Tgt Ion:162 Resp: 864327

Ion Ratio Lower Upper

162 100

127 38.0 30.7 46.1

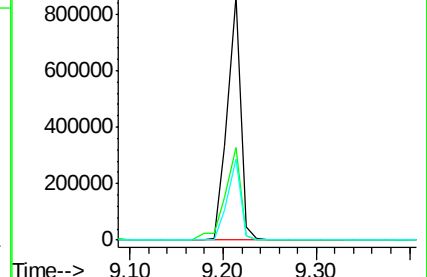
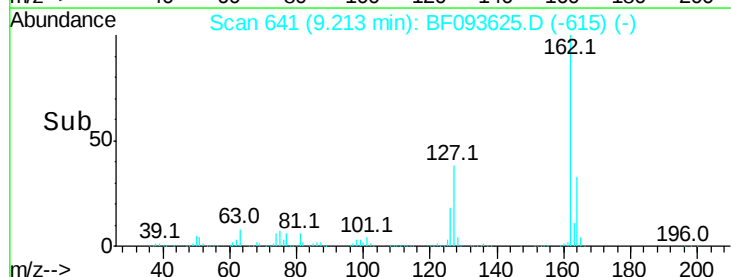
164 33.2 27.6 41.4

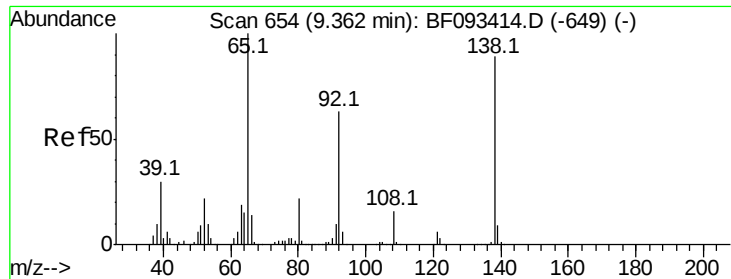


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





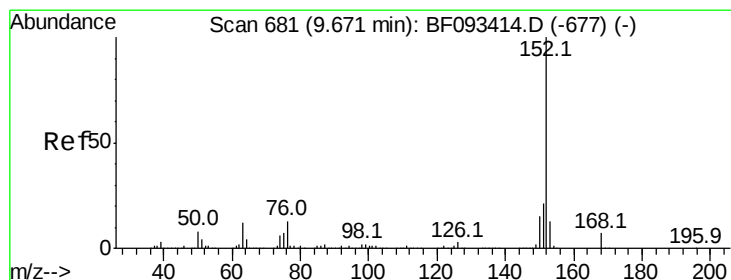
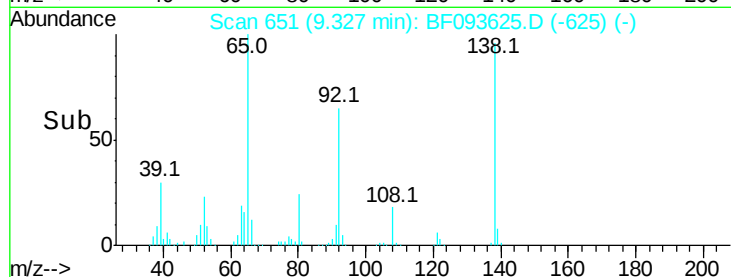
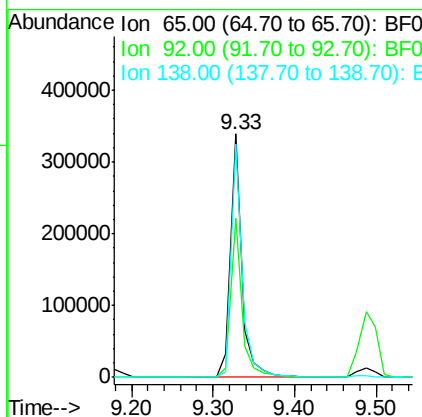
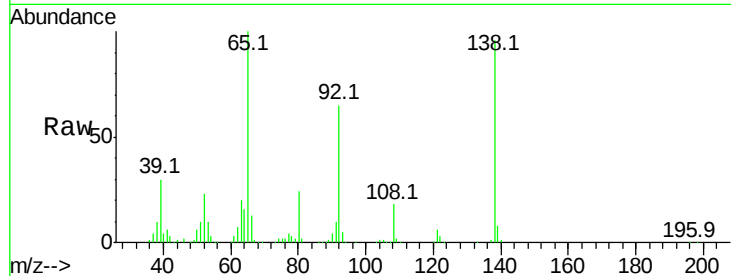
#47
2-Nitroaniline
Concen: 51.61 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.9	80.9
138	95.7	76.8	115.2

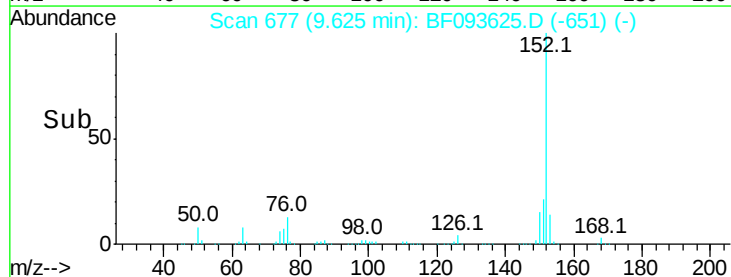
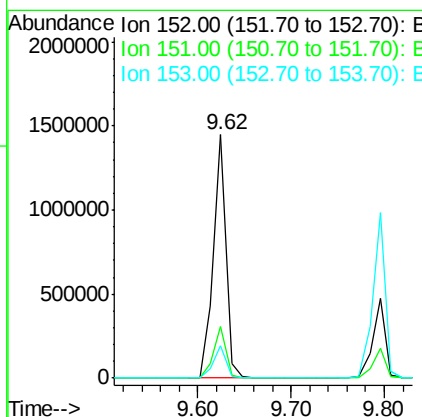
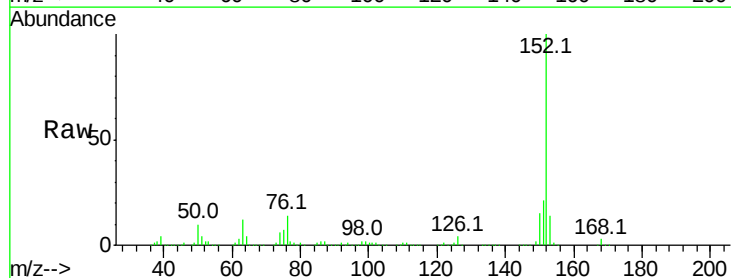
Manual Integrations
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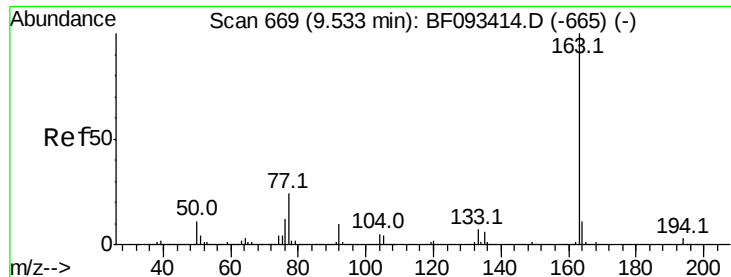
mohammad
3/15/2017 5:38:16 PM



#48
Acenaphthylene
Concen: 45.74 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.5	11.4	17.2





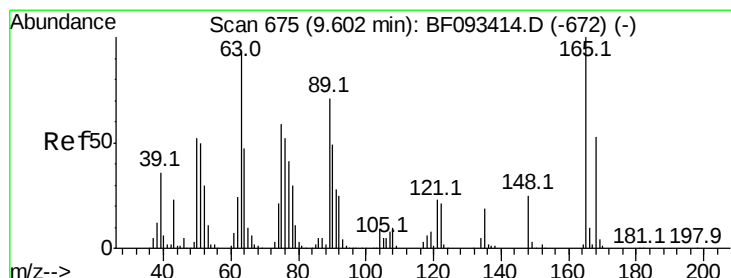
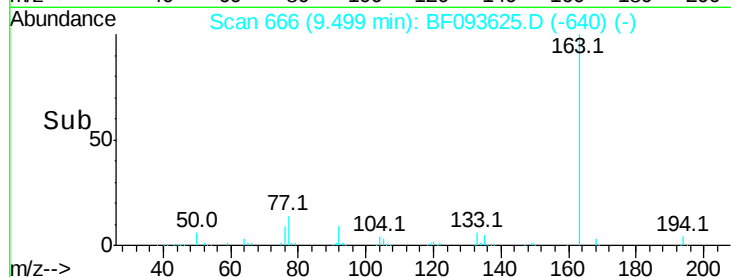
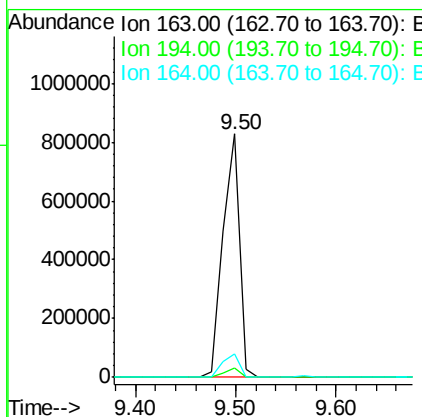
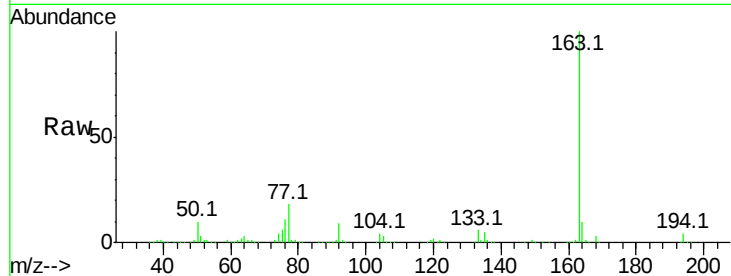
#49
Dimethylphthalate
Concen: 44.20 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	944466		
194	3.7		3.0	4.4
164	9.9		8.0	12.0

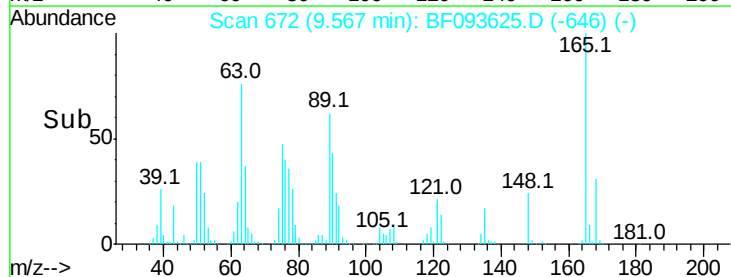
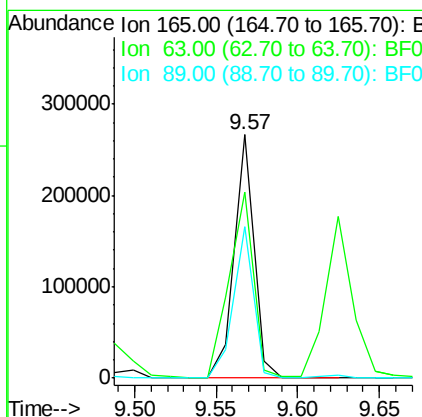
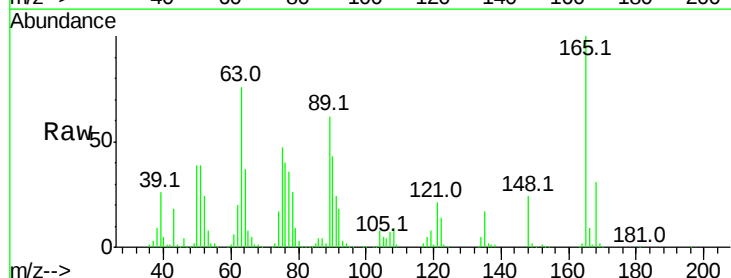
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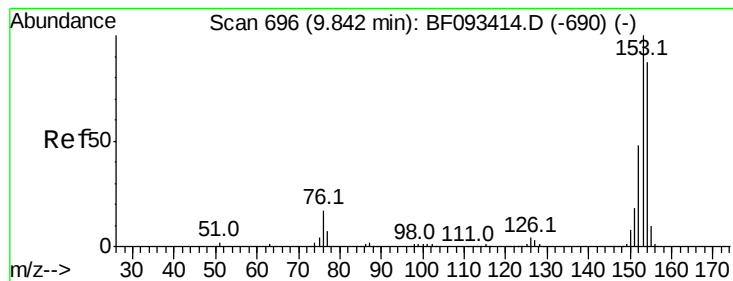
mohammad
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#50
2,6-Dinitrotoluene
Concen: 47.18 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221195		
63	76.2		36.2	54.4#
89	62.3		40.2	60.4#





#51

Acenaphthene

Concen: 45.86 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

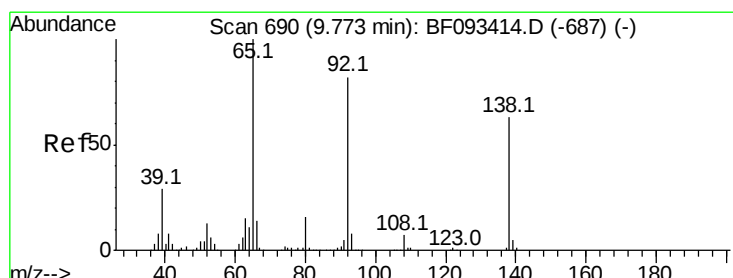
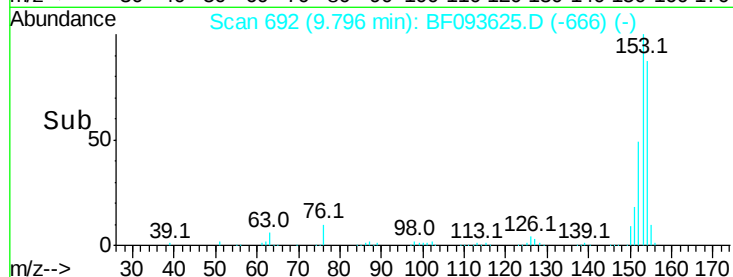
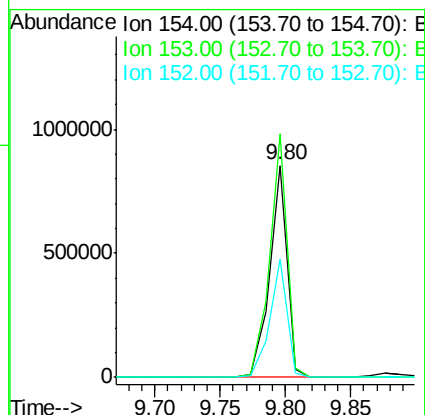
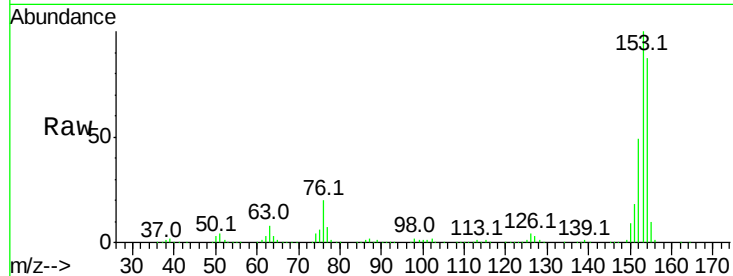
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	803829
Ion Ratio	Lower	Upper	
154	100		
153	114.8	88.6	133.0
152	55.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 41.86 ng

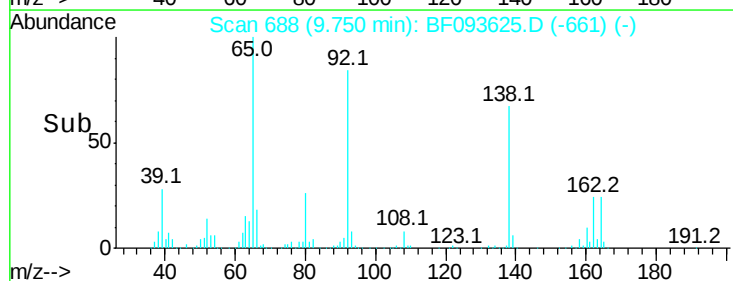
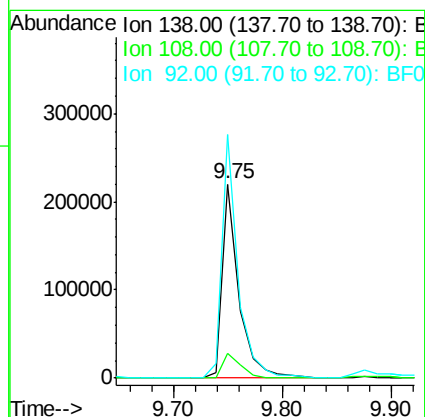
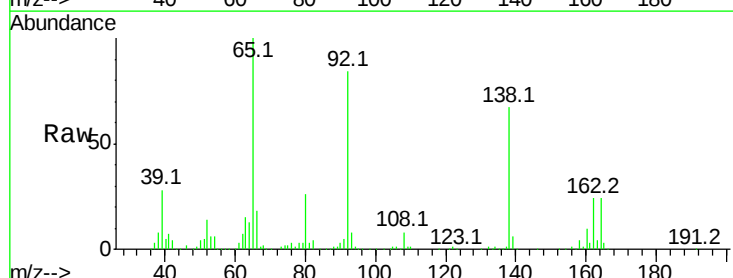
RT: 9.75 min Scan# 688

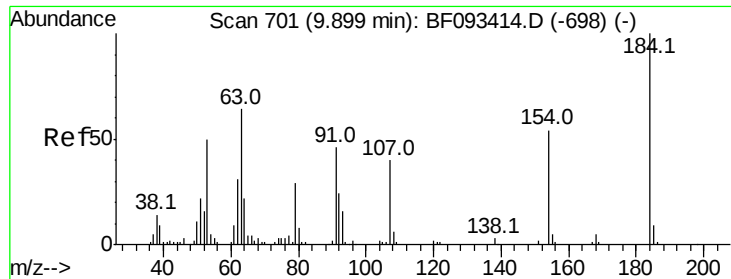
Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:	138	Resp:	235768
Ion Ratio	Lower	Upper	
138	100		
108	12.5	8.5	12.7
92	125.4	97.8	146.8





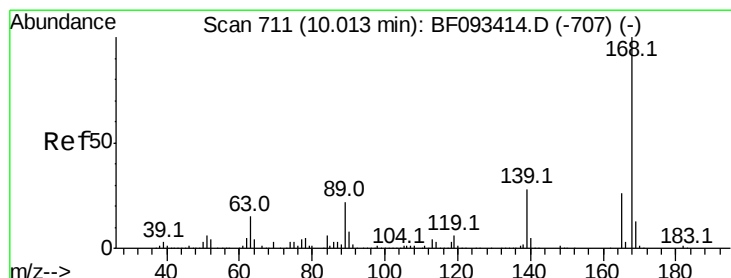
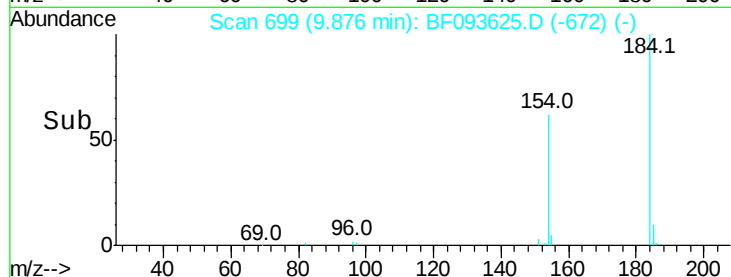
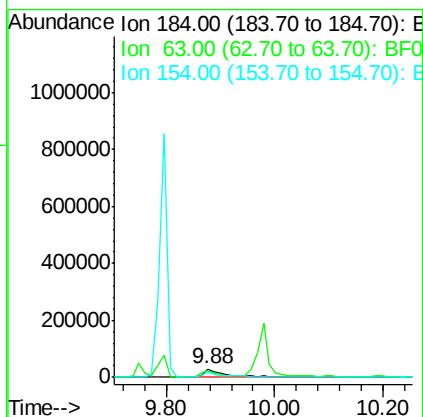
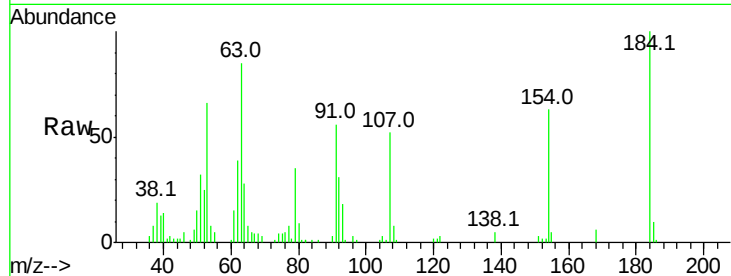
#53
 2,4-Dinitrophenol
 Concen: 44.33 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	85.1	28.4	42.6#	
154	62.8	44.3	66.5	

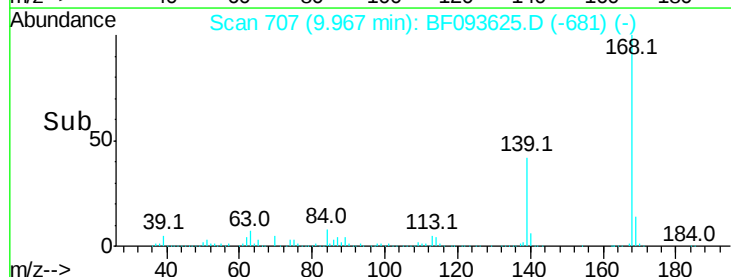
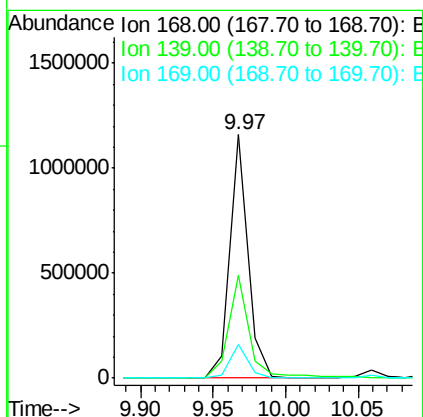
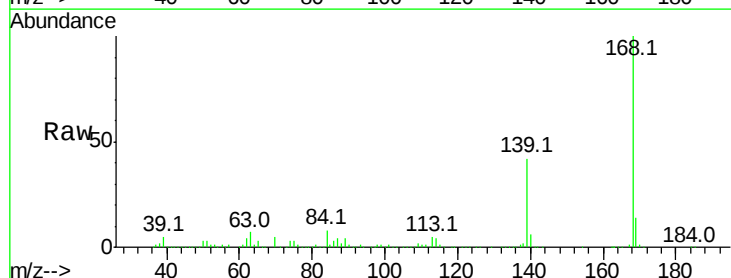
Manual Integrations
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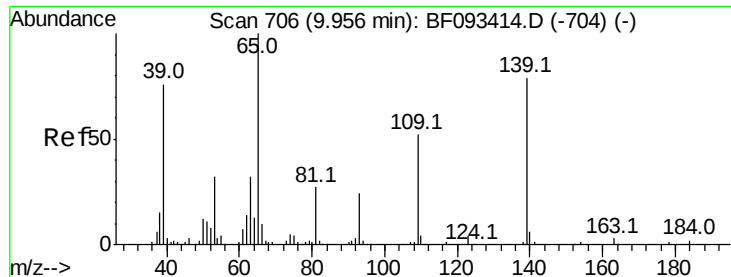
mohammad
 3/15/2017 5:38:16 PM



#54
 Dibenzofuran
 Concen: 45.73 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.4	32.6	49.0	
169	13.7	11.3	16.9	





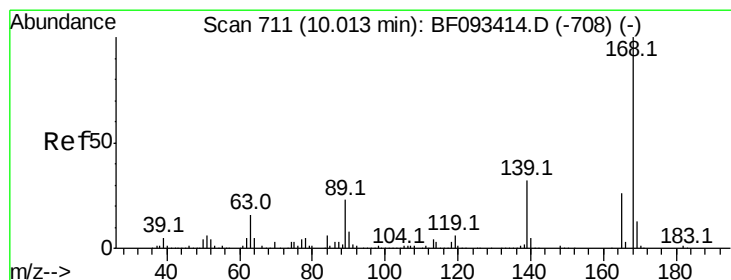
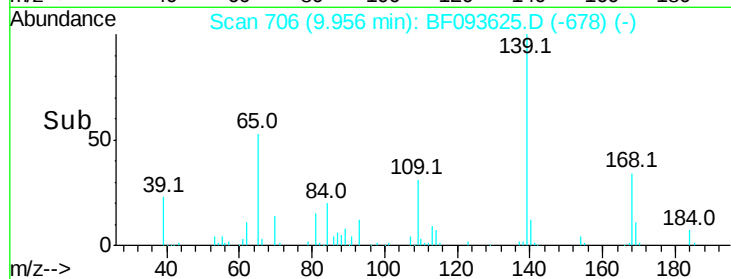
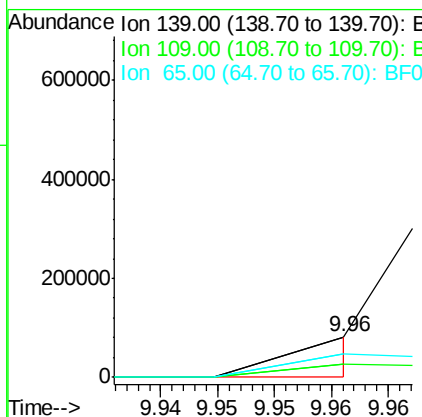
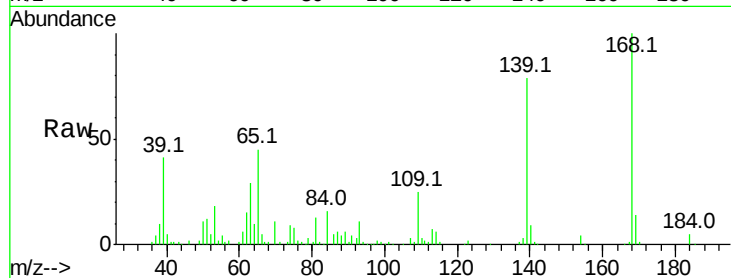
#55
4-Nitrophenol
Concen: 20.52 ng/ml
RT: 9.96 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	31.3	52.2	92.2#
65	56.9	85.8	125.8#

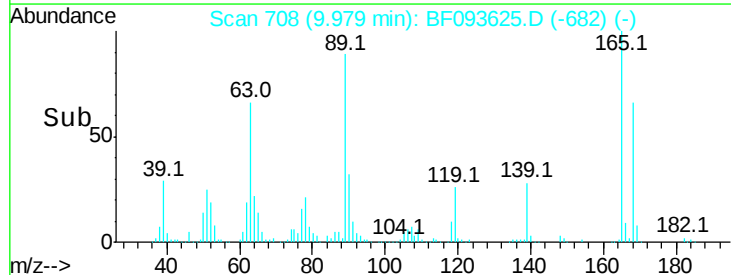
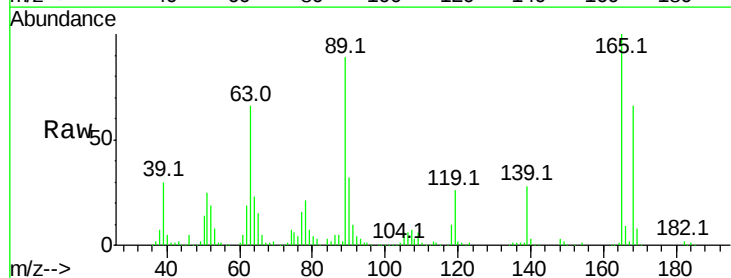
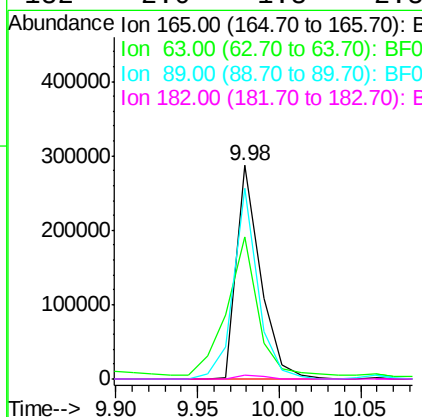
Manual Integrations
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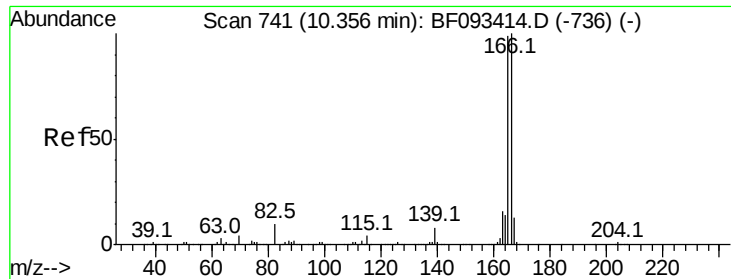
mohammad
3/15/2017 5:38:16 PM



#56
2,4-Dinitrotoluene
Concen: 50.33 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.3	40.2	60.4#
89	89.3	62.5	93.7
182	2.0	1.8	2.8





#57

Fluorene

Concen: 44.74 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

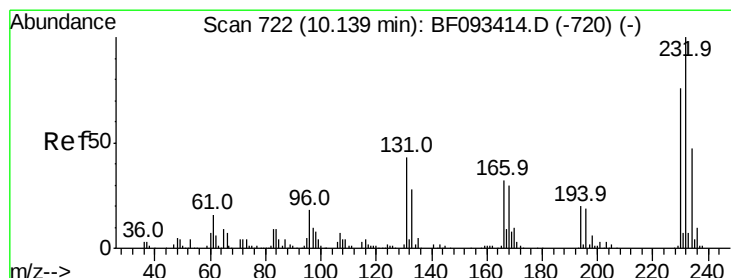
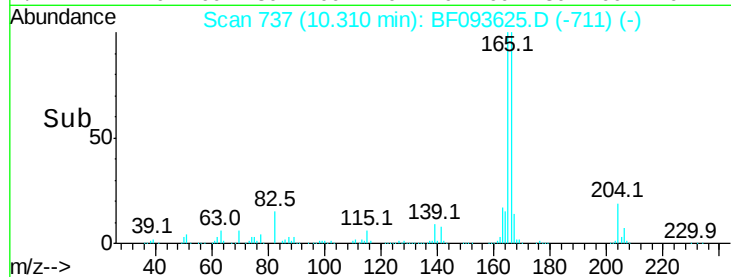
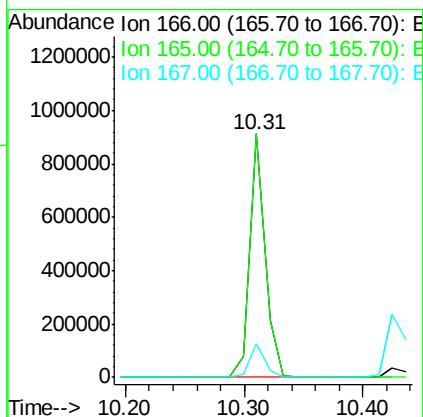
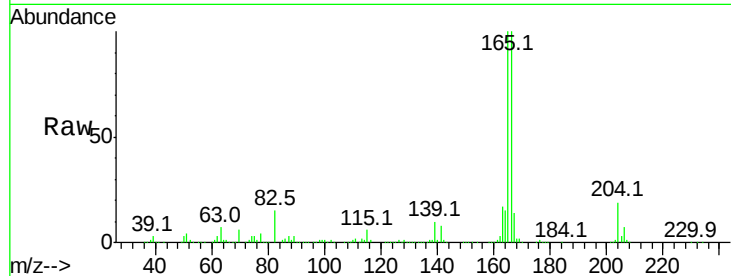
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	831708
Ion Ratio	Lower	Upper	
166	100		
165	100.0	77.8	116.8
167	13.6	10.8	16.2

Manual Integrations
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3/15/2017 5:38:16 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.17 ng

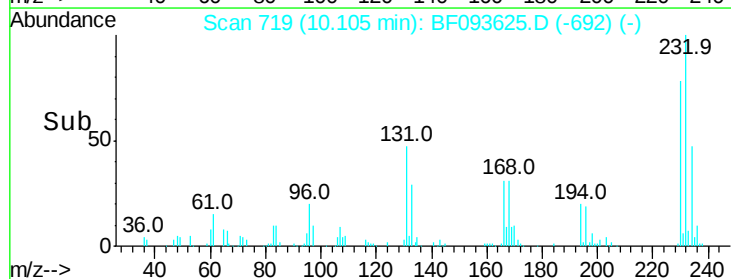
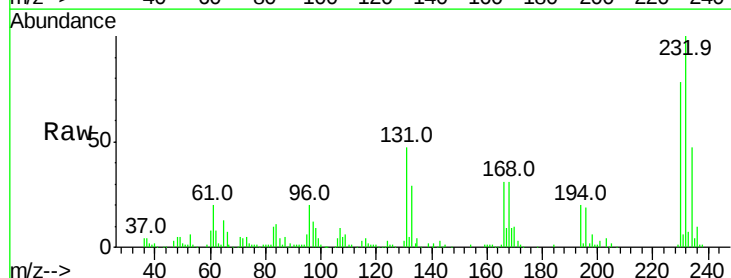
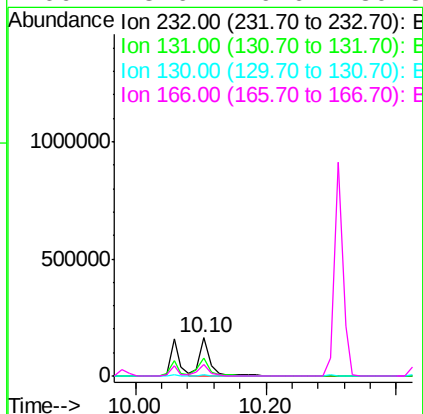
RT: 10.10 min Scan# 719

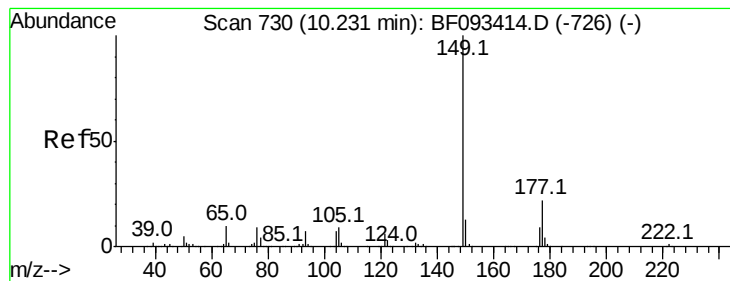
Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:	232	Resp:	188064
Ion Ratio	Lower	Upper	
232	100		
131	48.8	40.1	60.1
130	2.5	1.8	2.8
166	28.6	26.6	39.8





#59

Diethylphthalate

Concen: 47.08 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

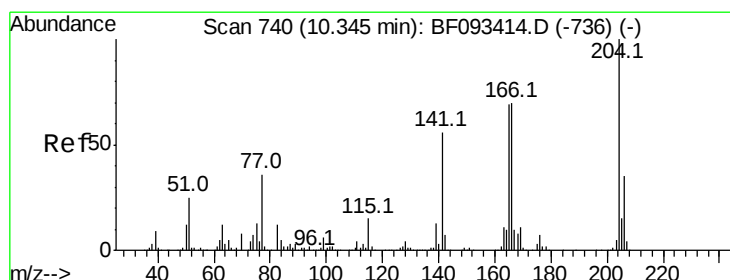
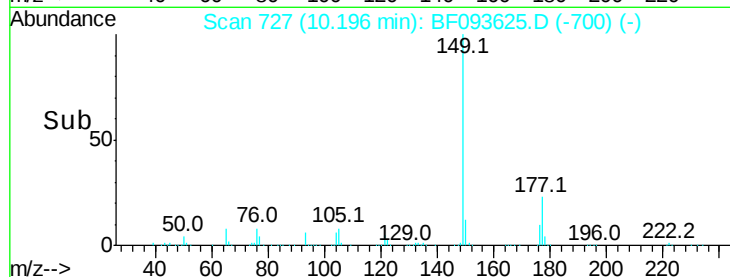
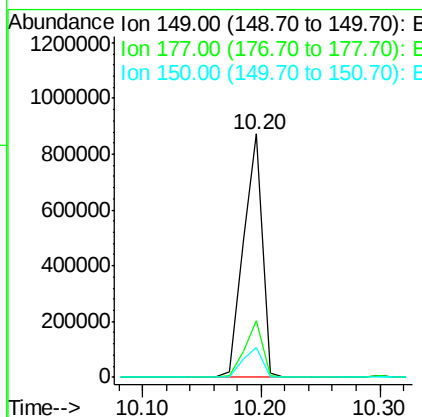
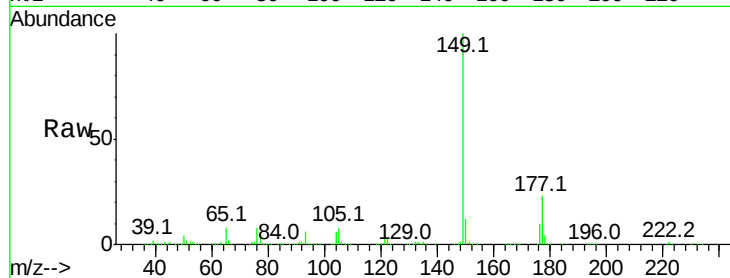
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	961449
Ion Ratio	Lower	Upper	
149	100		
177	23.4	16.6	25.0
150	12.3	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 45.53 ng

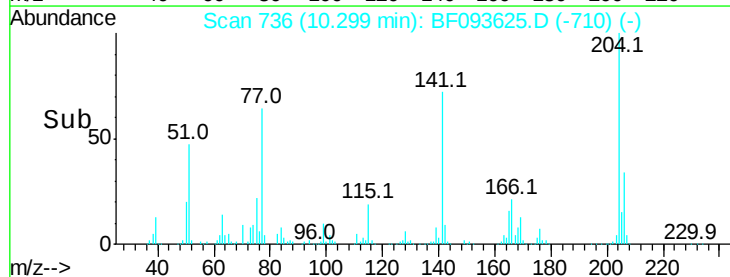
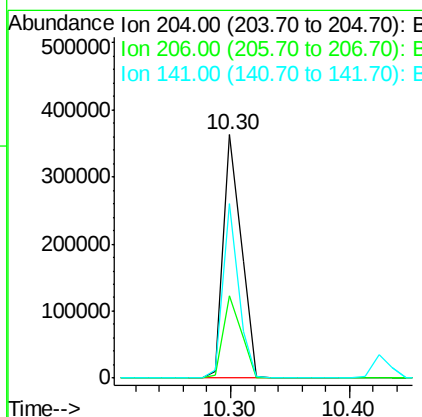
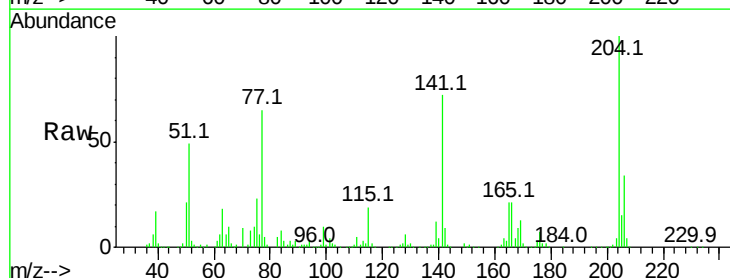
RT: 10.30 min Scan# 736

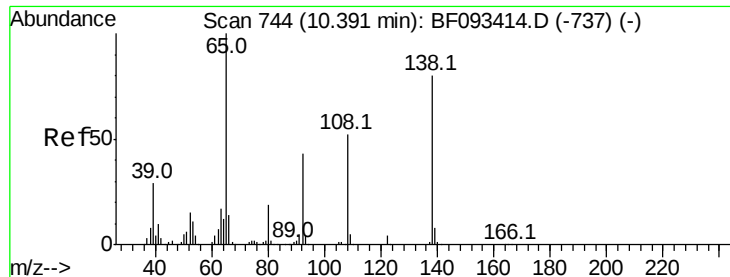
Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:	204	Resp:	379384
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.8	38.6
141	71.6	59.4	89.0





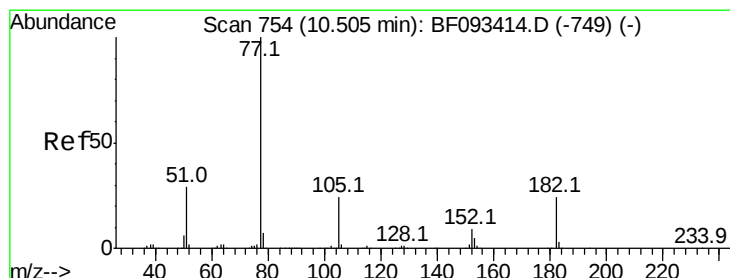
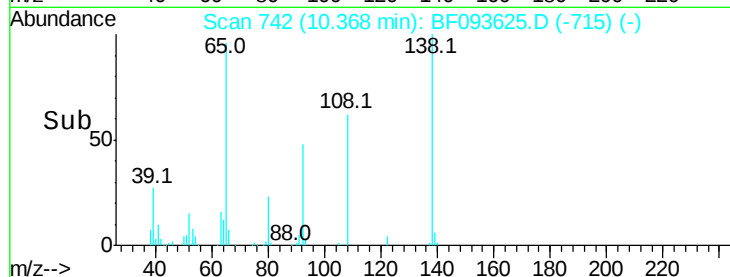
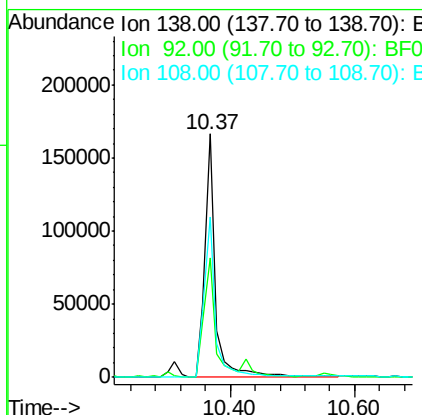
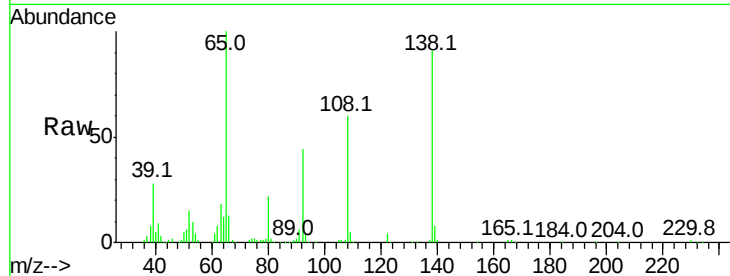
#61
4-Nitroaniline
Concen: 35.34 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.9	31.7	71.7
108	65.7	52.6	92.6

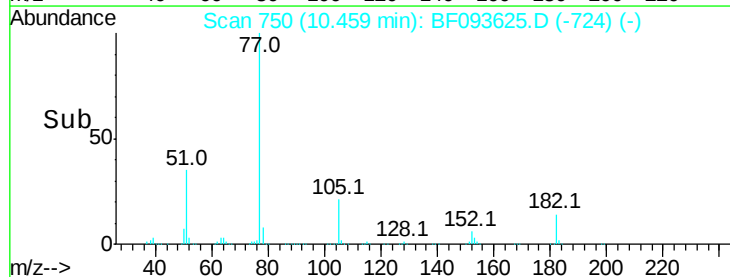
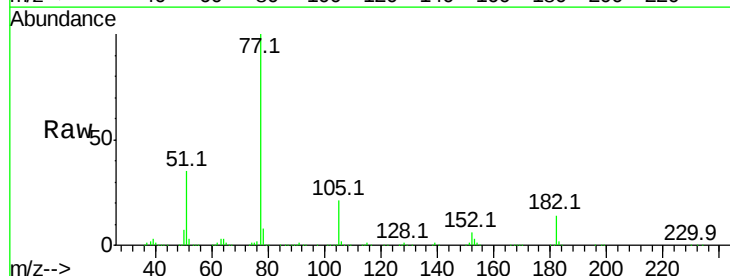
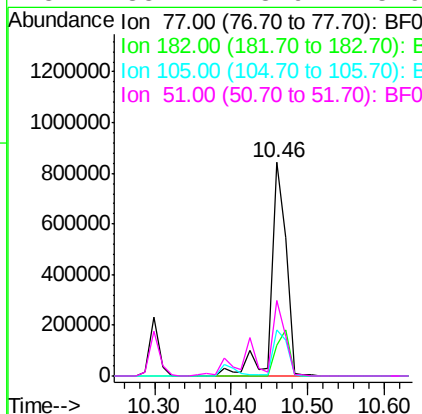
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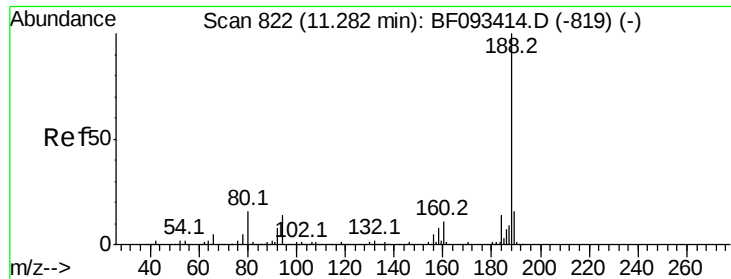
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#62
Azobenzene
Concen: 47.91 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.2	0.0	39.3
105	21.4	2.3	42.3
51	35.4	8.9	48.9





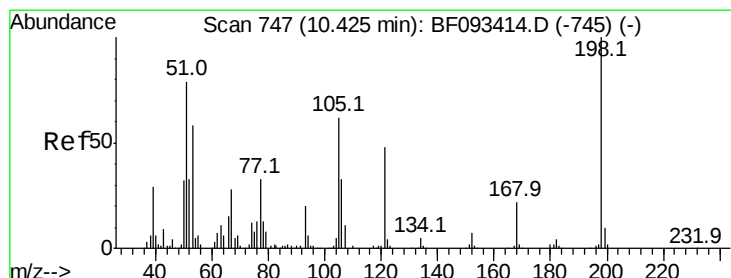
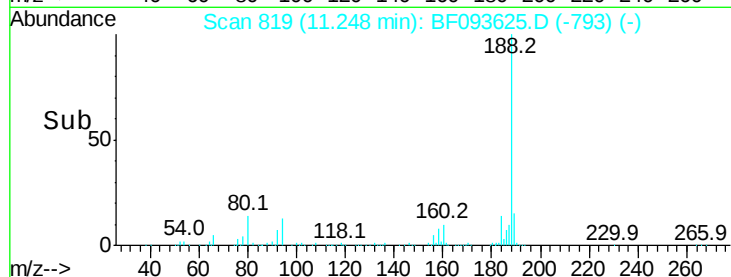
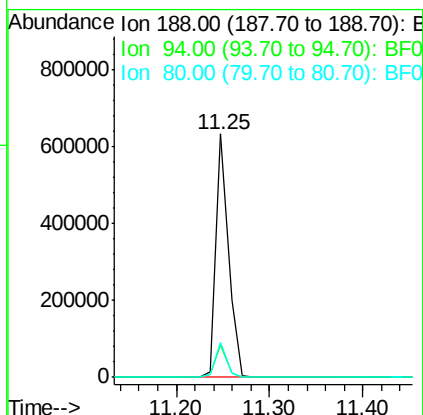
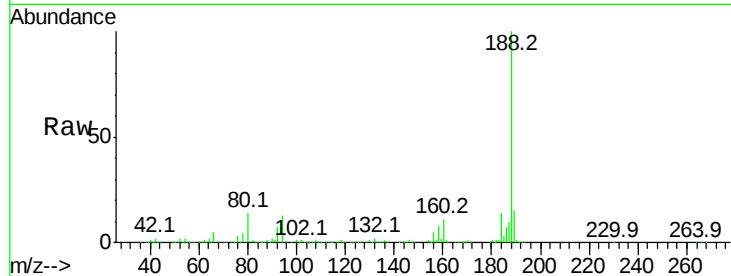
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	587696		
94	13.3		10.0	15.0
80	14.2		11.2	16.8

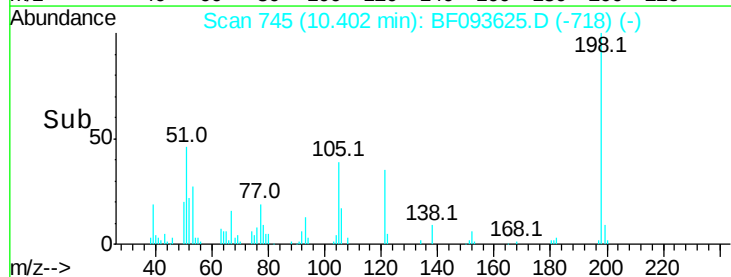
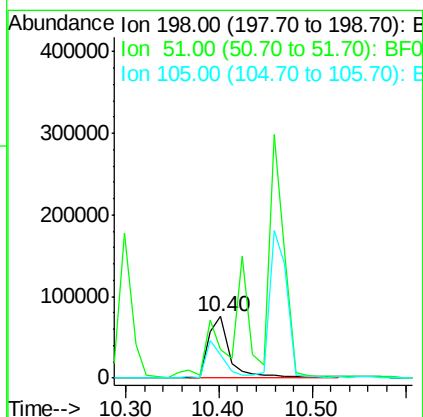
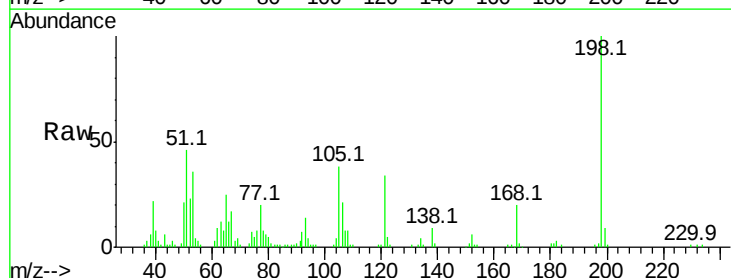
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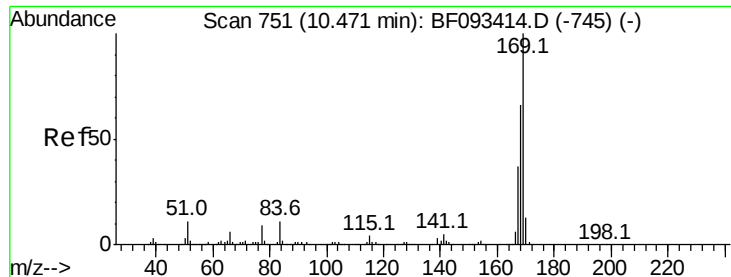
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.87 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	125151		
51	45.8		6.7	46.7
105	38.0		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 36.57 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

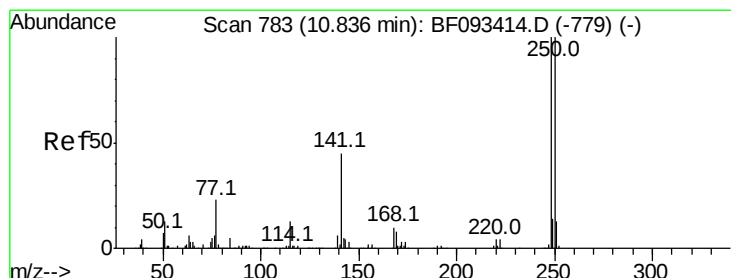
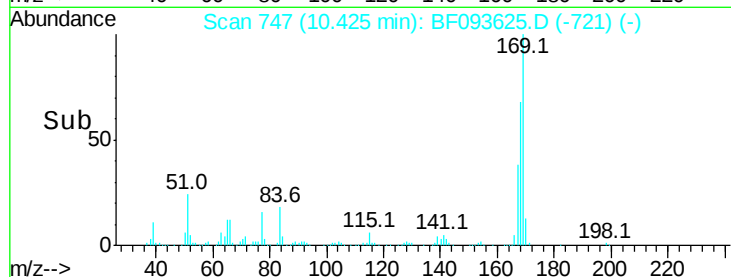
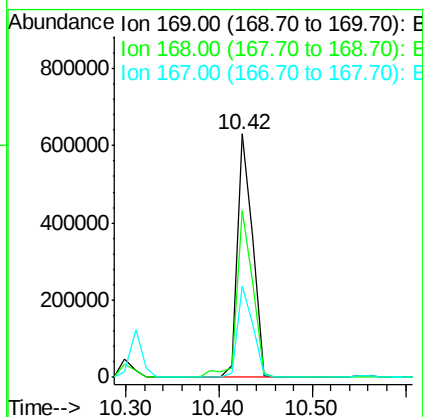
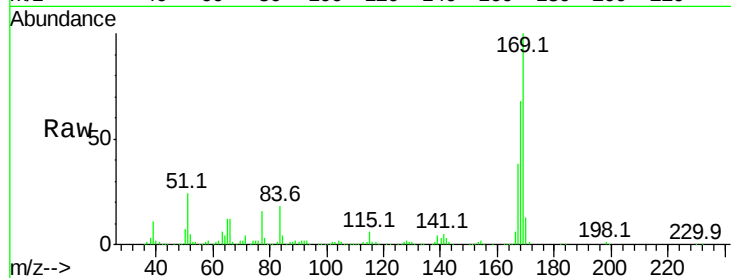
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	717586
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.2	81.2
167	37.8	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 36.82 ng

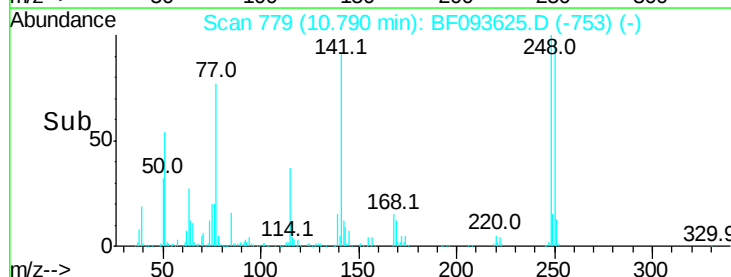
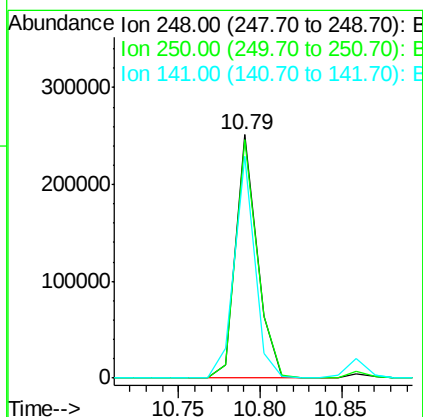
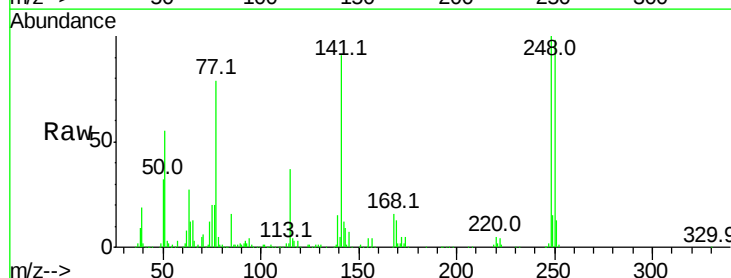
RT: 10.79 min Scan# 779

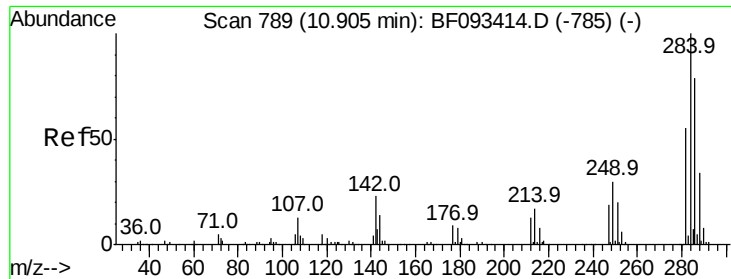
Delta R.T. -0.00 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:	248	Resp:	228797
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.9	115.3
141	91.1	68.2	102.4





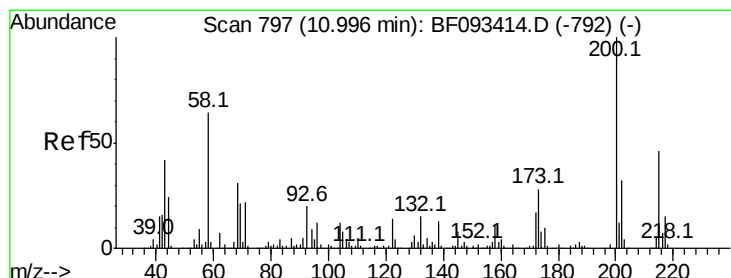
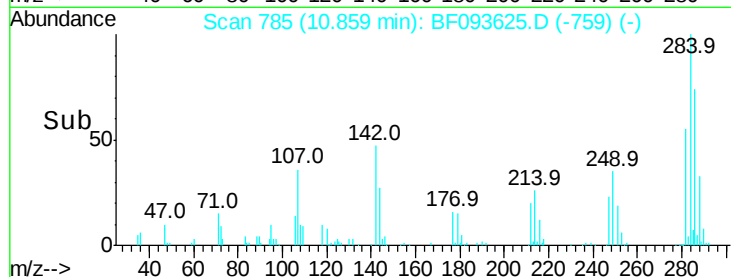
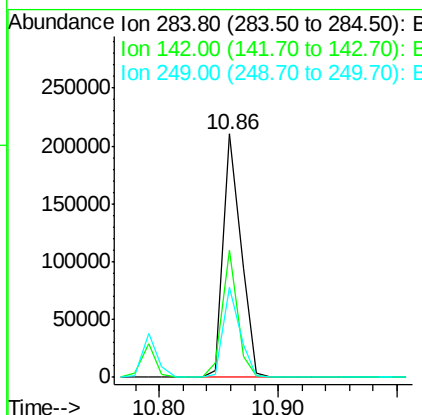
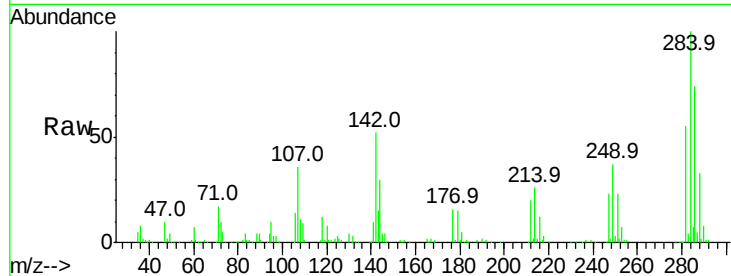
#67
Hexachlorobenzene
Concen: 36.60 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	217181		
142	52.4	22.6	33.8#	
249	37.1	25.4	38.0	

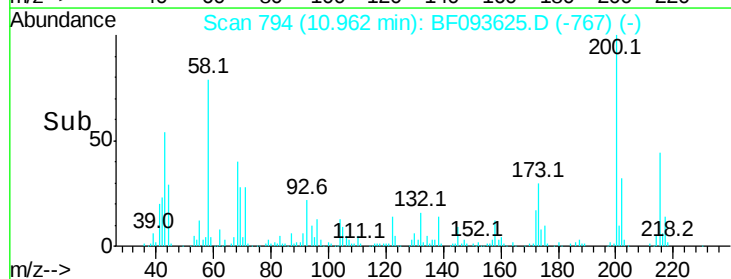
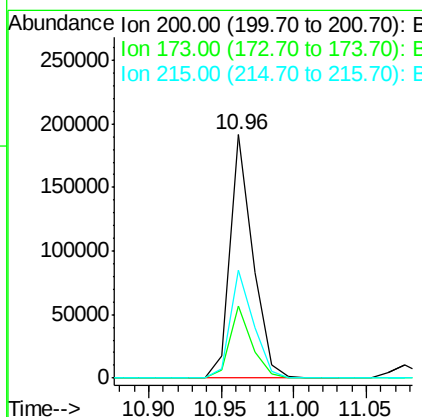
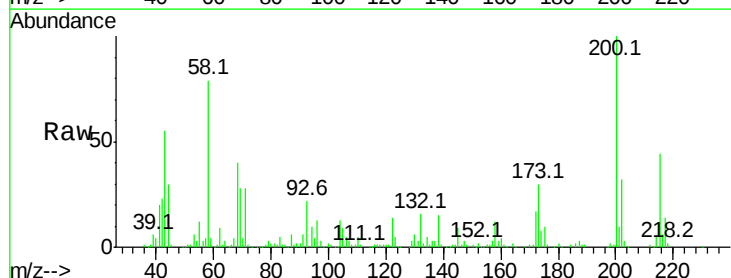
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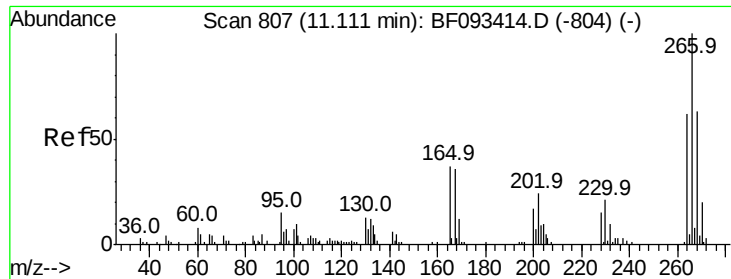
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#68
Atrazine
Concen: 36.38 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	208970		
173	29.6	9.6	49.6	
215	44.3	25.7	65.7	





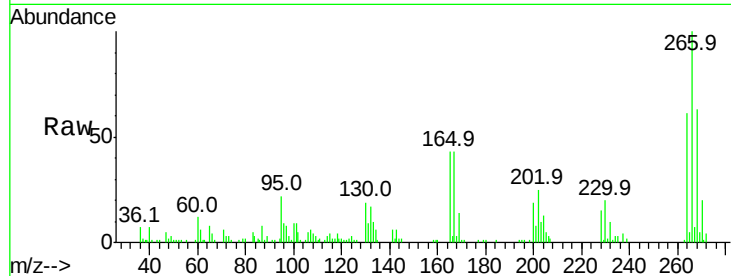
#69
 Pentachlorophenol
 Concen: 40.05 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

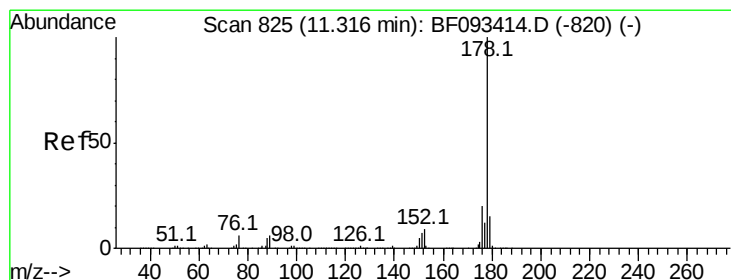
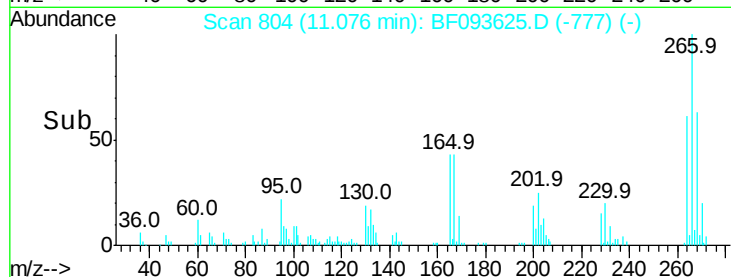
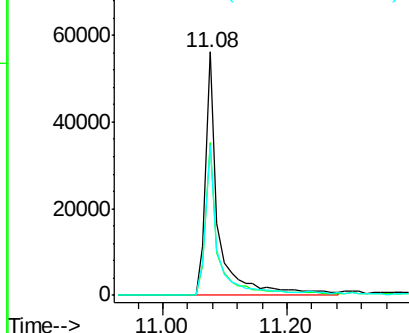
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	53.3	79.9
264	61.5	50.3	75.5

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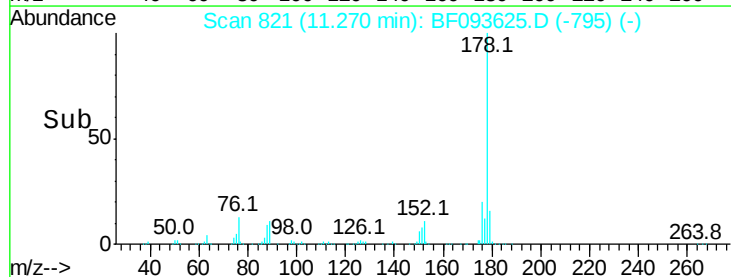
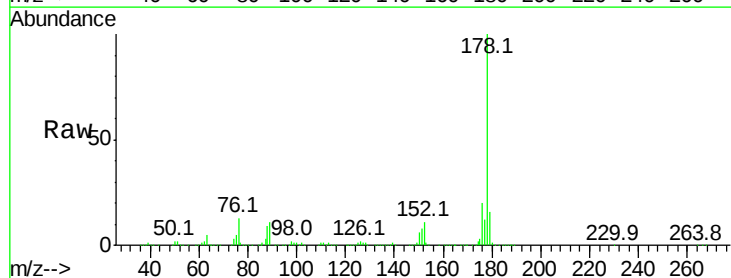
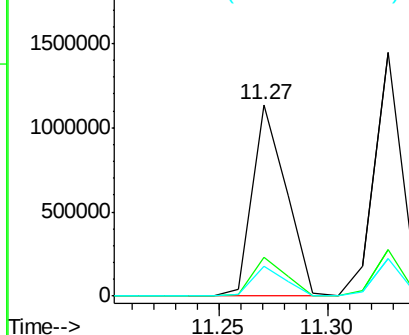
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

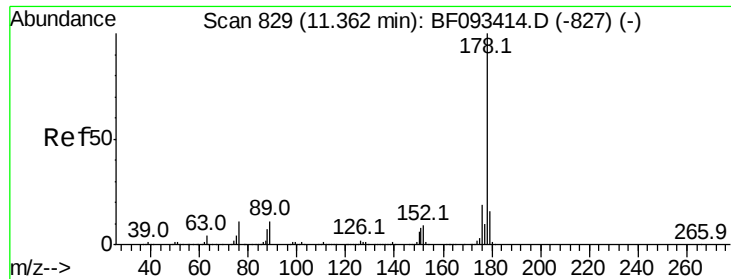


#70
 Phenanthrene
 Concen: 36.69 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	15.6	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





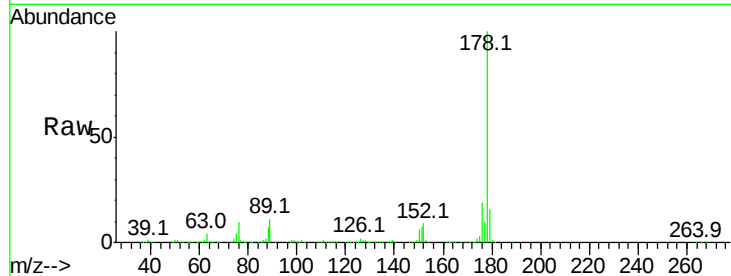
#71
 Anthracene
 Concen: 39.10 ng
 RT: 11.33 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

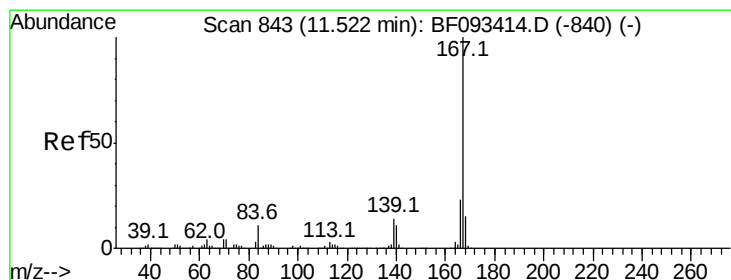
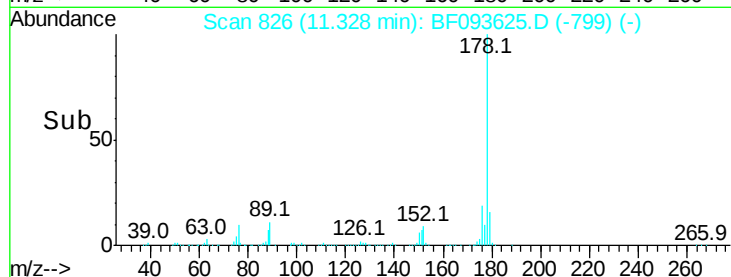
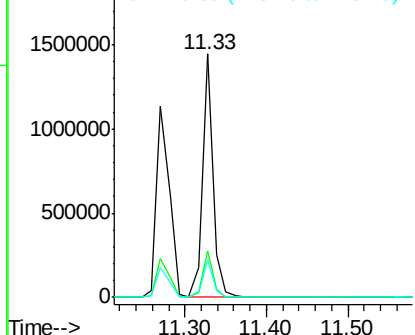
Tot Ion:178 Resp: 1326959
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.6 13.2 19.8

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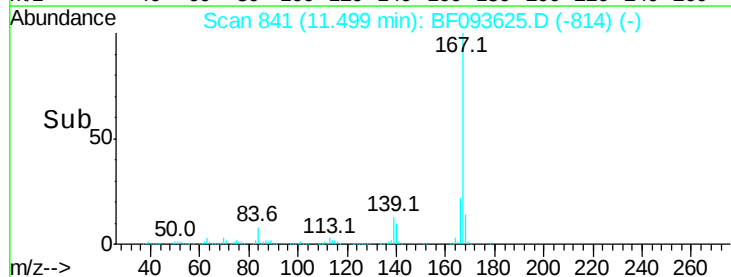
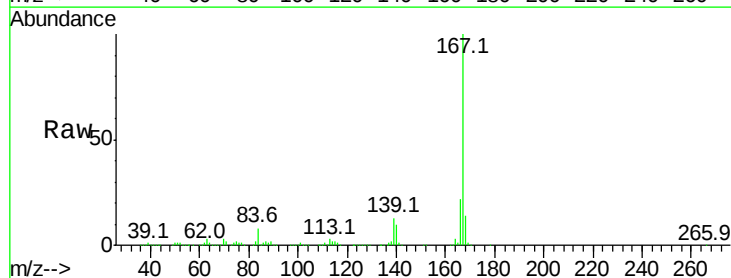
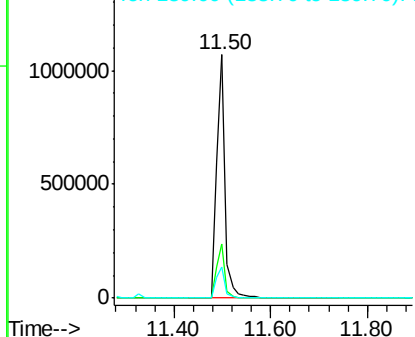
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

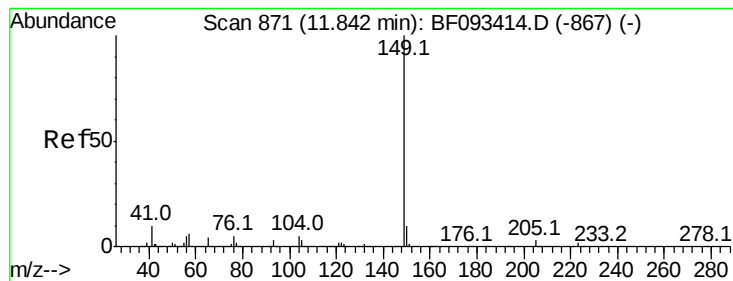


#72
 Carbazole
 Concen: 41.49 ng
 RT: 11.50 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion:167 Resp: 1322701
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.9 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





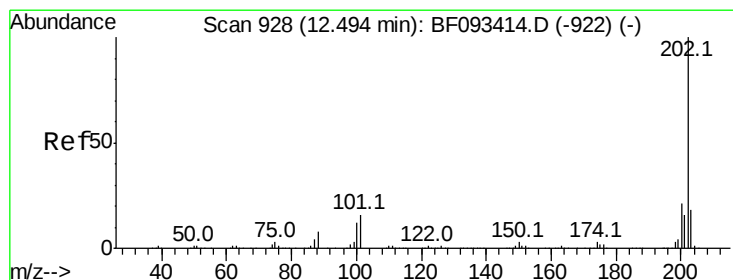
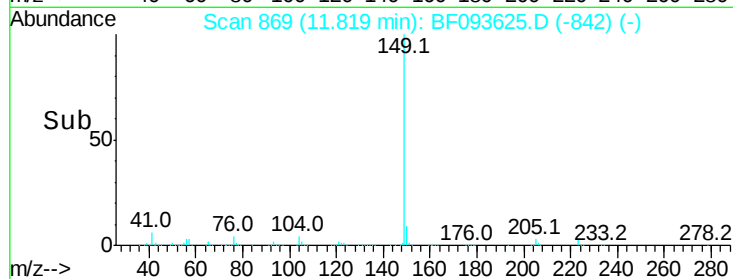
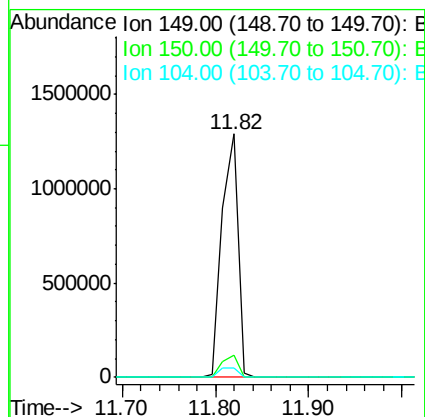
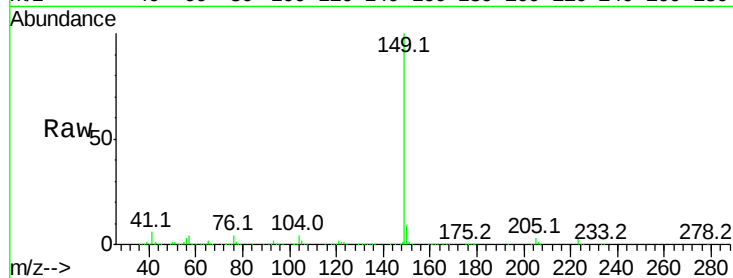
#73
Di-n-butylphthalate
Concen: 41.54 ng
RT: 11.82 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

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

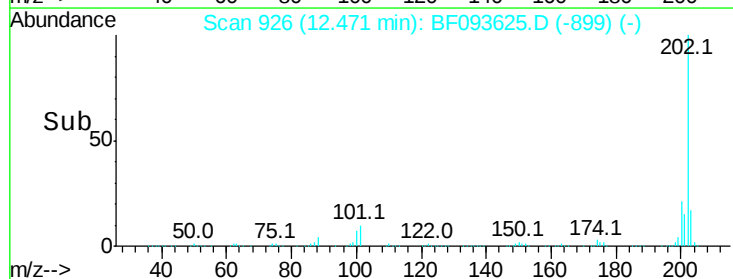
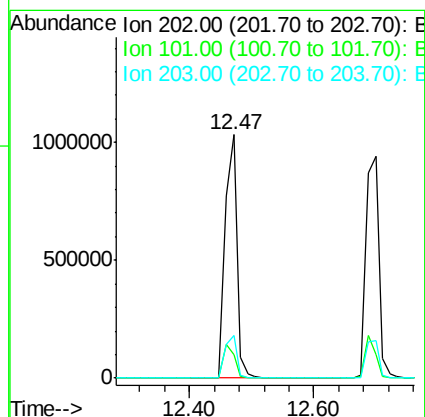
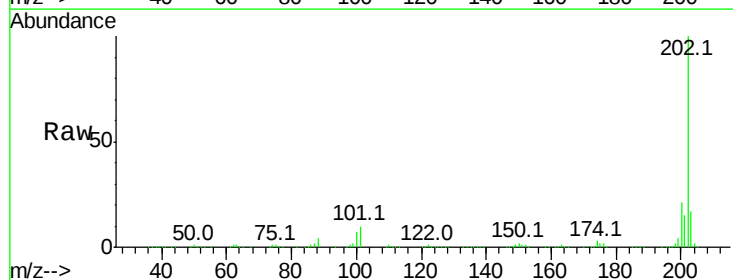
Manual Integrations
APPROVED

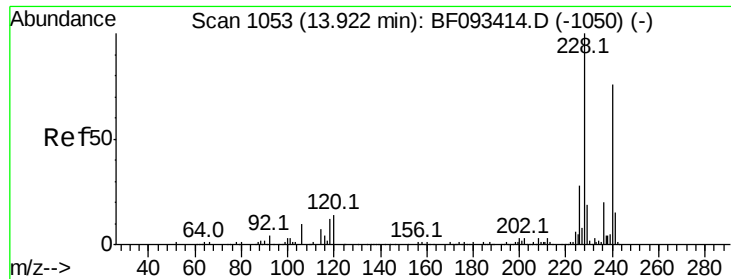
mohammad
3/15/2017 5:38:16 PM



#74
Fluoranthene
Concen: 41.11 ng
RT: 12.47 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.6
203	17.5	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: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

ClientSampleId :

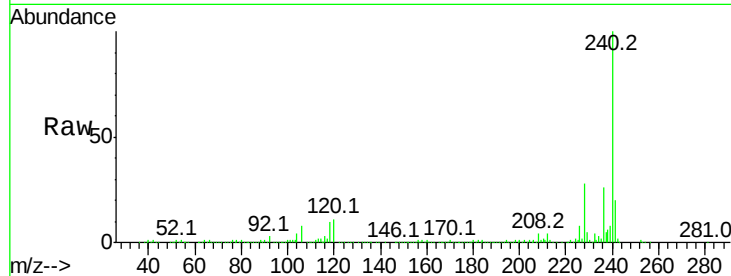
SSTDCCC040

Tot Ion:240 Resp: 452072

Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.9	19.3#
236	26.3	20.9	31.3

Manual Integrations
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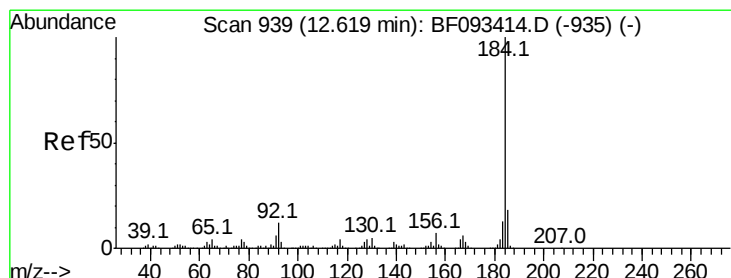
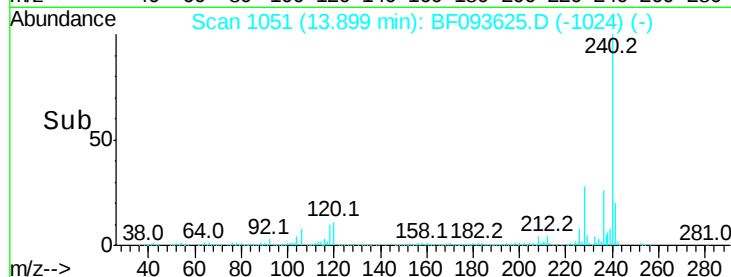
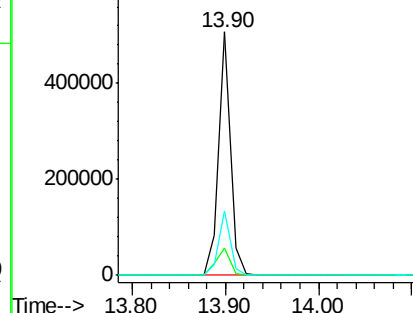
mohammad
3/15/2017 5:38:16 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.14 ng

RT: 12.63 min Scan# 940

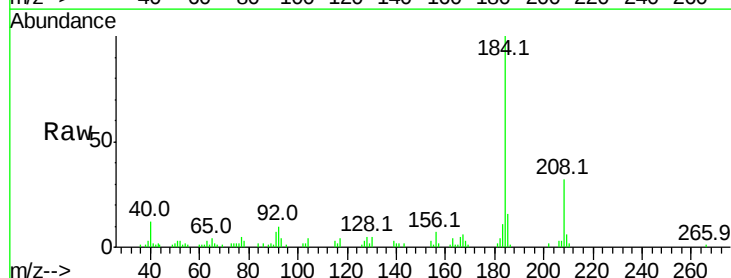
Delta R.T. 0.05 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:184 Resp: 106160

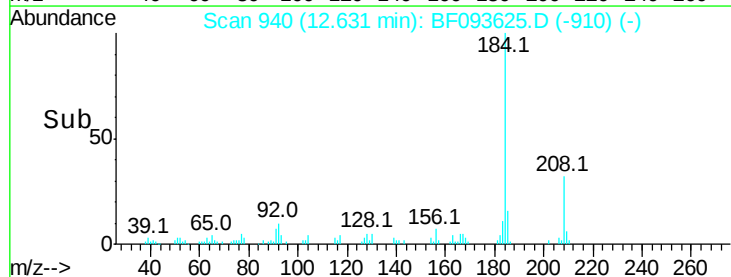
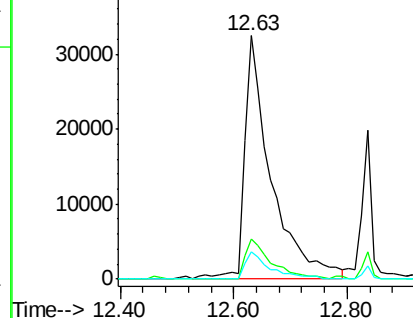
Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.4	20.0
183	11.4	9.2	13.8

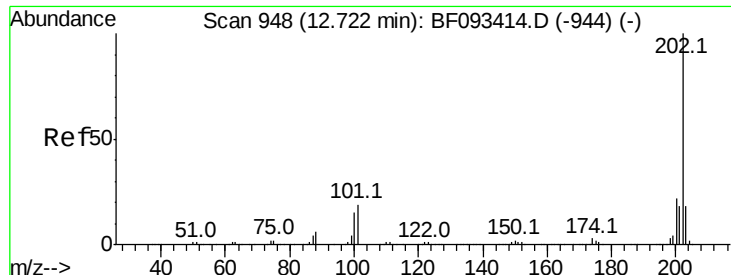


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





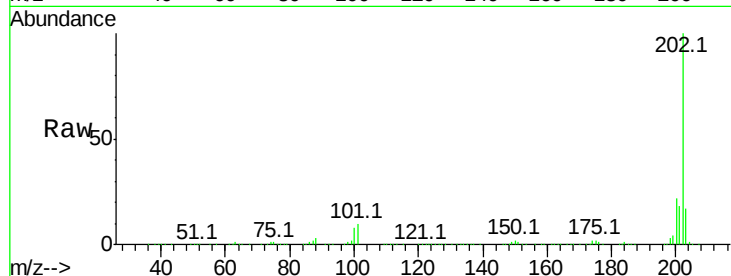
#77
Pvrene
Concen: 40.46 ng
RT: 12.70 min Scan# 946
Delta R.T. 0.02 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.2	14.7	22.1

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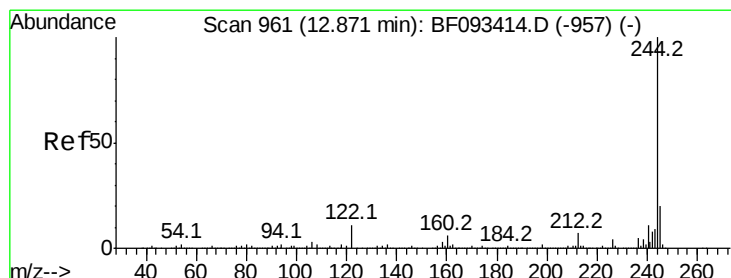
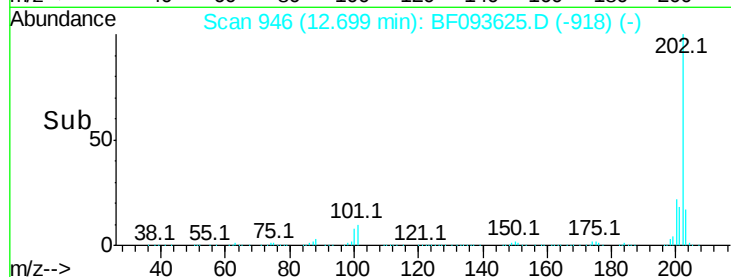
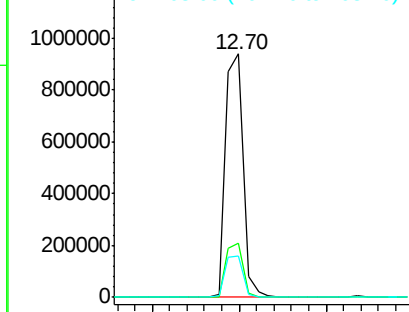


Abundance

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: 82.41 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

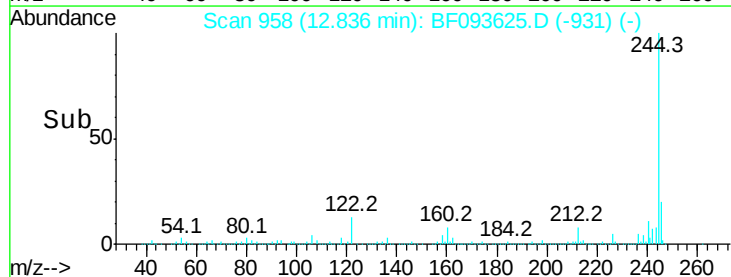
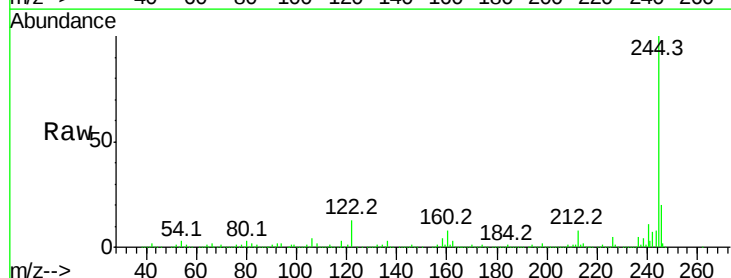
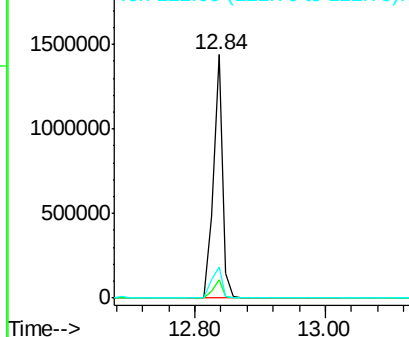
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.6	11.4	17.2

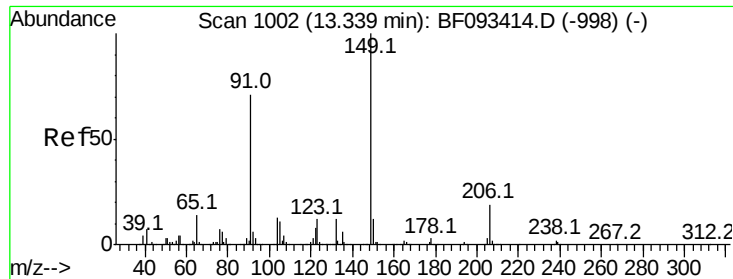
Abundance

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





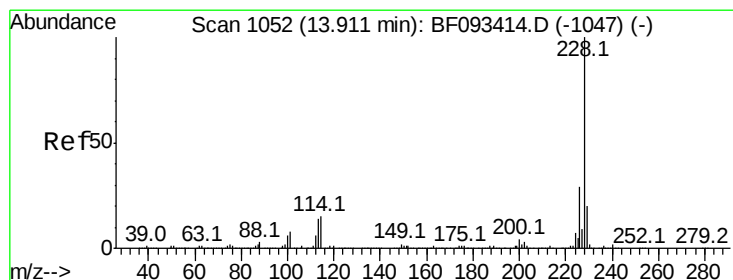
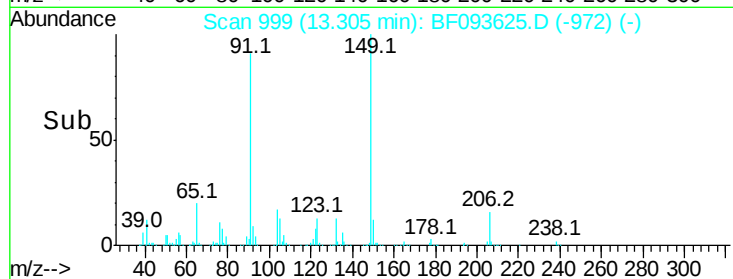
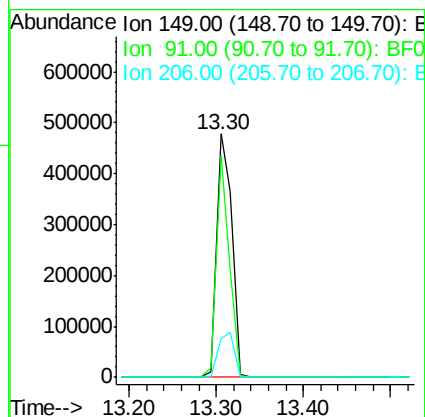
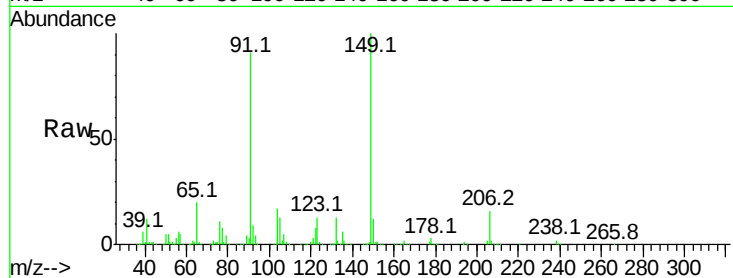
#79
Butylbenzylphthalate
Concen: 42.92 ng
RT: 13.30 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	91.4	63.9	95.9
206	15.8	14.6	21.8

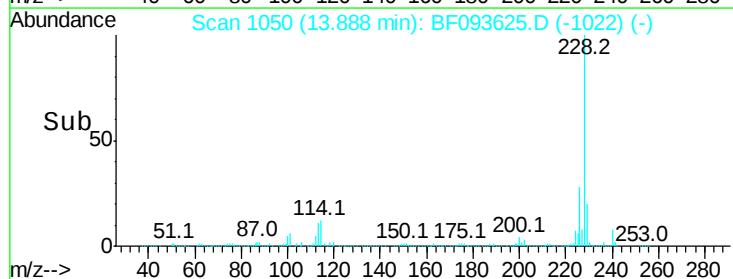
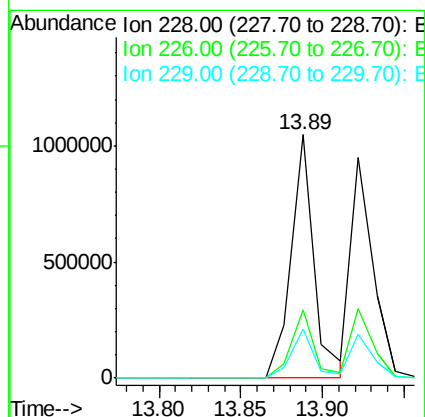
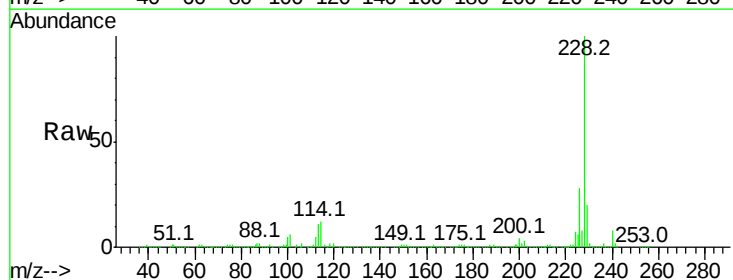
Manual Integrations
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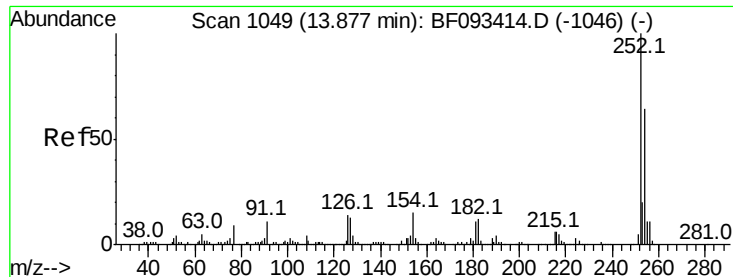
mohammad
3/15/2017 5:38:16 PM



#80
Benzo(a)anthracene
Concen: 38.40 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.1	16.2	24.4





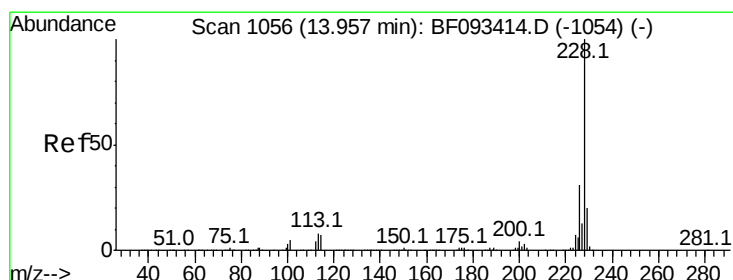
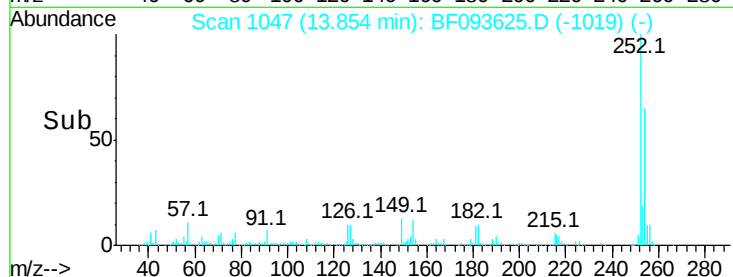
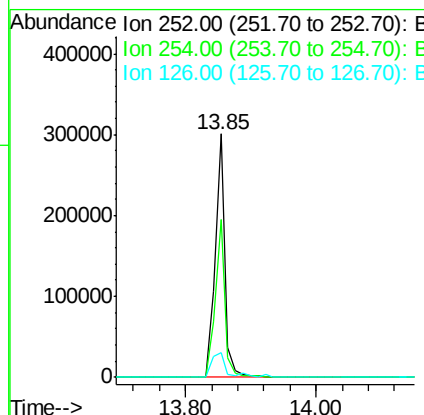
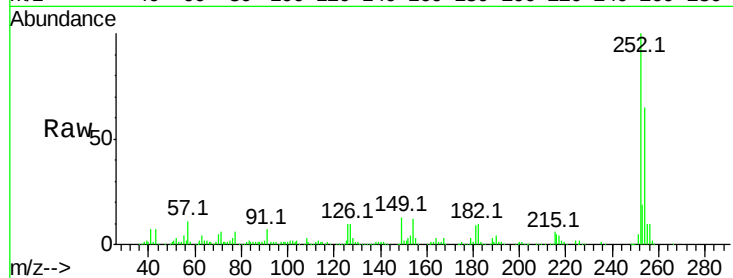
#81
 3,3'-Dichlorobenzidine
 Concen: 34.50 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	322597		
254	64.6	52.3	78.5	
126	10.0	13.6	20.4	

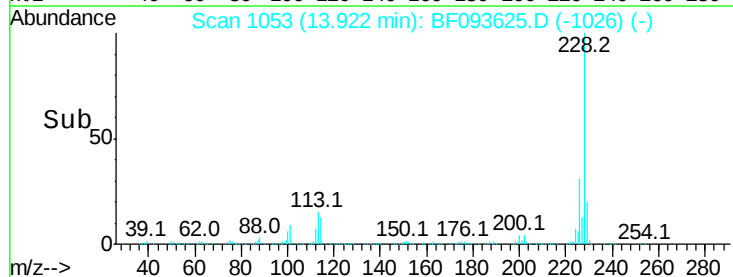
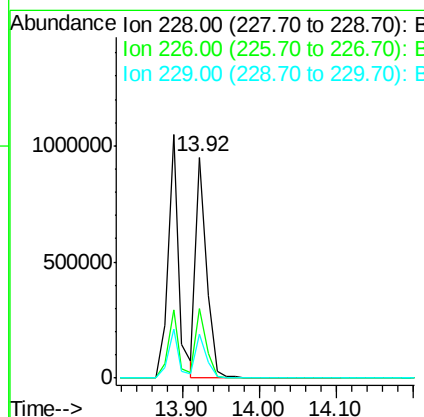
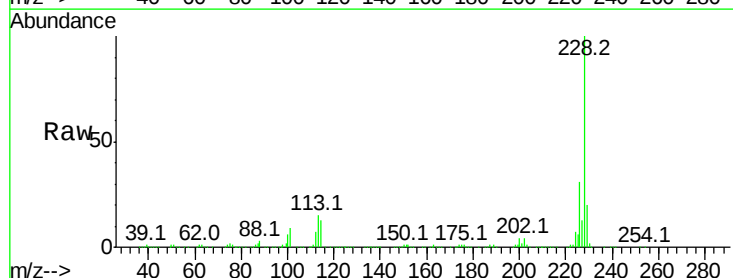
Manual Integrations
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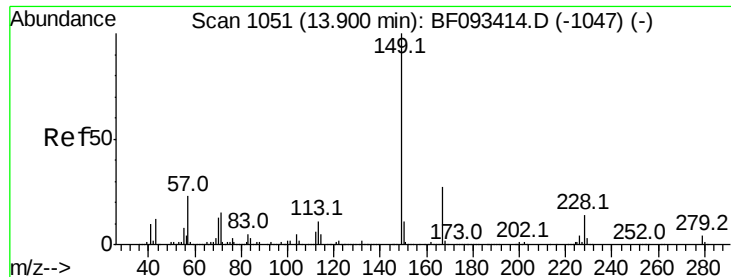
mohammad
 3/15/2017 5:38:16 PM



#82
 Chrysene
 Concen: 37.79 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	933396		
226	31.2	25.4	38.0	
229	20.1	16.2	24.2	





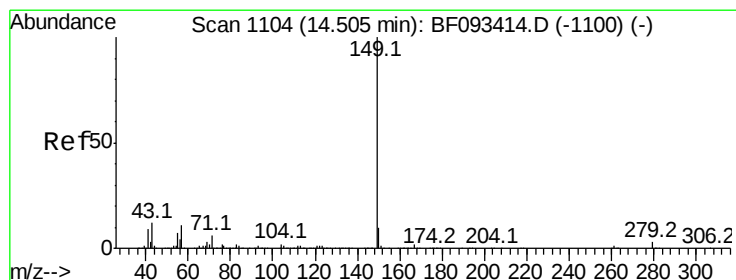
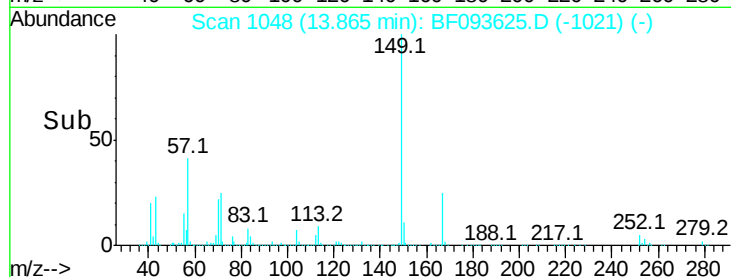
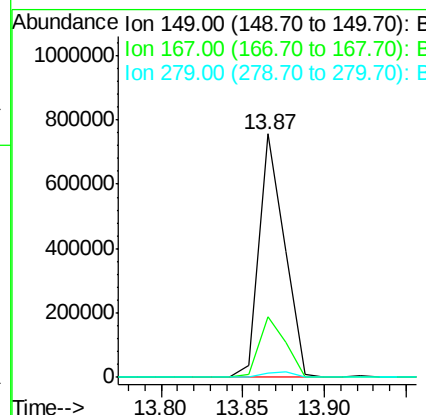
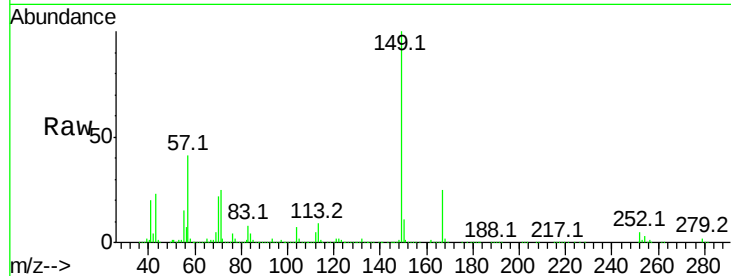
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.58 ng
 RT: 13.87 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.2	30.4
279	2.0	1.8	2.8

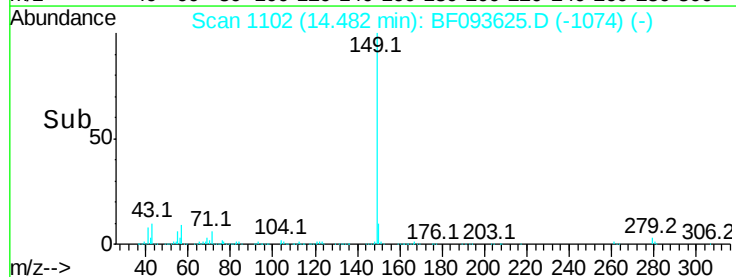
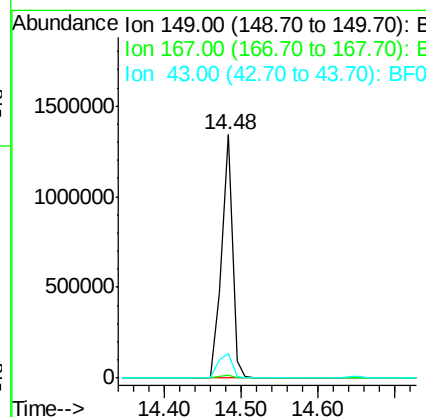
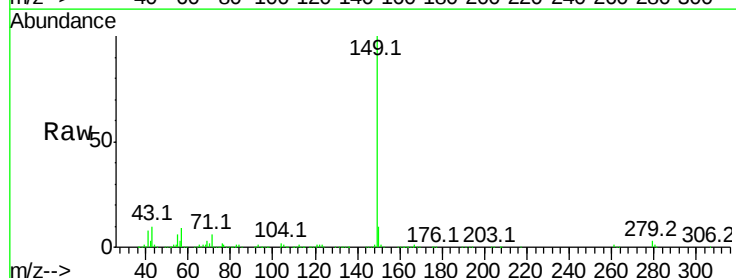
Manual Integrations
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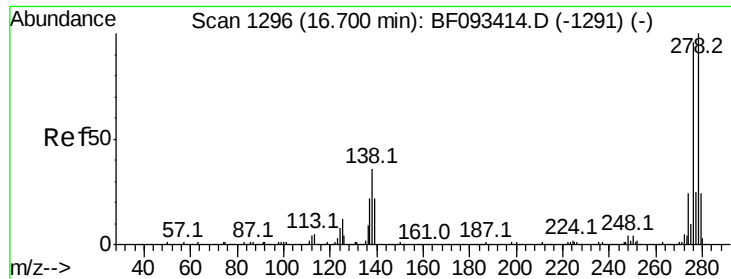
mohammad
 3/15/2017 5:38:16 PM



#84
 Di-n-octyl phthalate
 Concen: 41.18 ng
 RT: 14.48 min Scan# 1102
 Delta R.T. 0.02 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.7	8.9	13.3





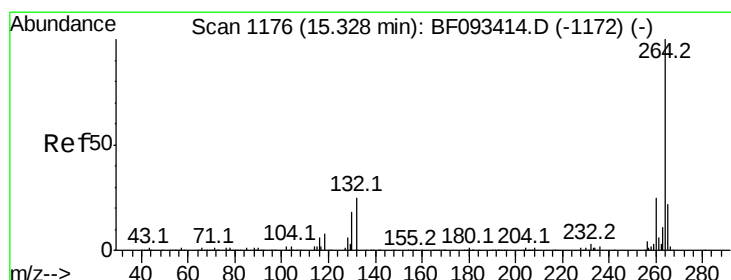
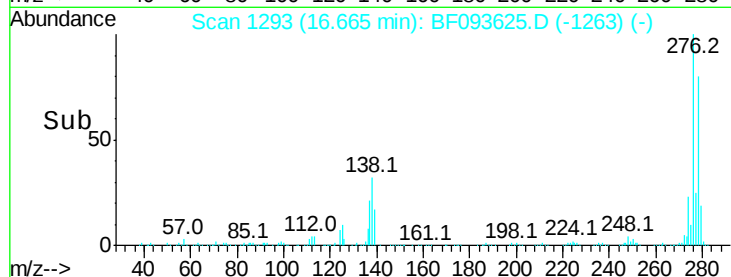
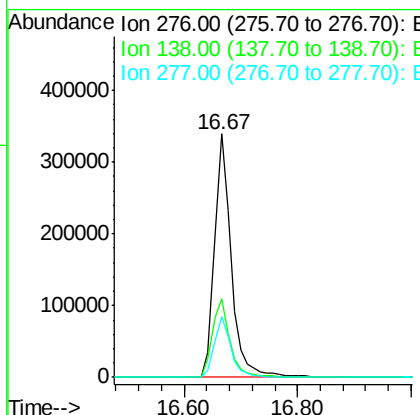
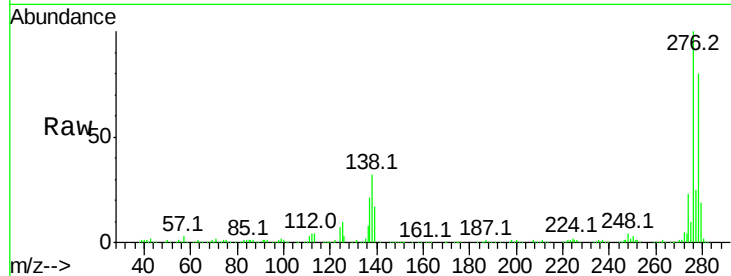
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.50 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
276	100	692531		
138	33.8	21.8	32.6	
277	25.1	20.2	30.4	

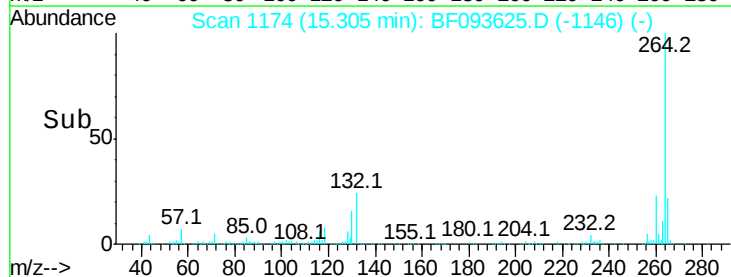
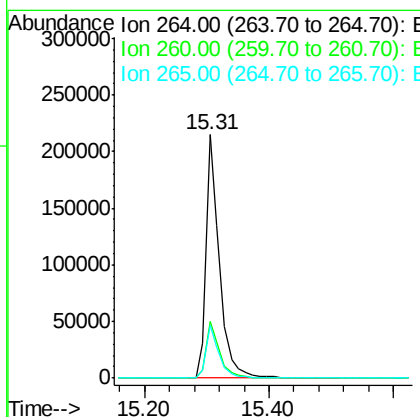
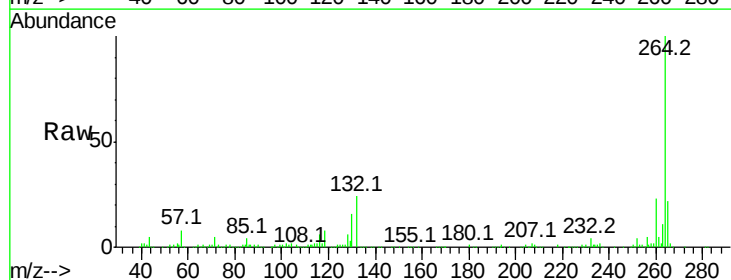
Manual Integrations
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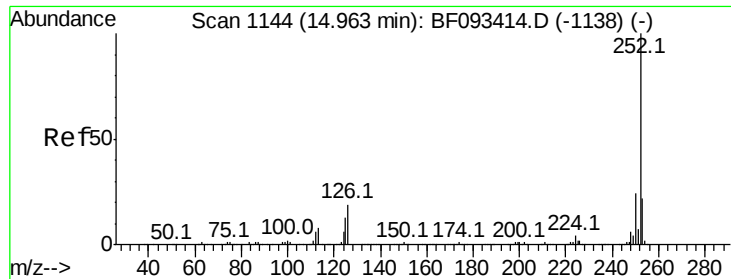
mohammad
3/15/2017 5:38:16 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	319428		
260	23.4	19.2	28.8	
265	21.8	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 49.57 ng m

RT: 14.92 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Instrument :

BNA_F

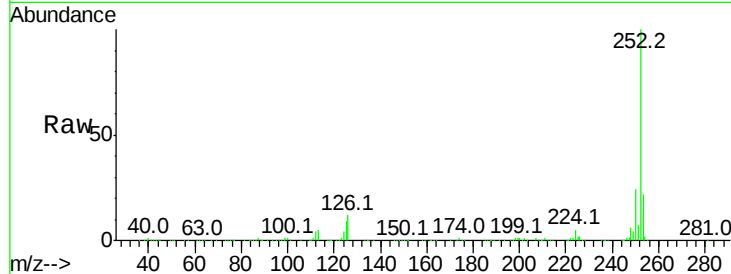
ClientSampleId :

SSTDCCC040

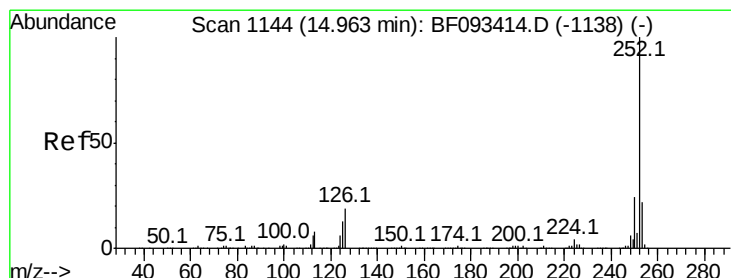
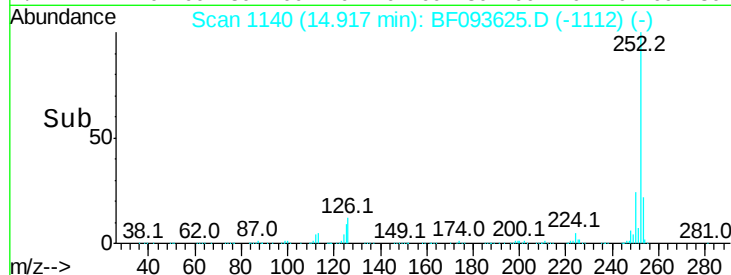
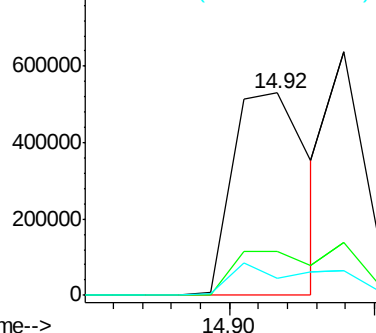
Tot Ion:252	Resp:	964256
Ion Ratio	Lower	Upper
252	100	
253	21.9	18.2 27.4
125	8.5	9.8 14.6#

Manual Integrations
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3/15/2017 5:38:16 PM



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: 32.79 ng m

RT: 14.94 min Scan# 1142

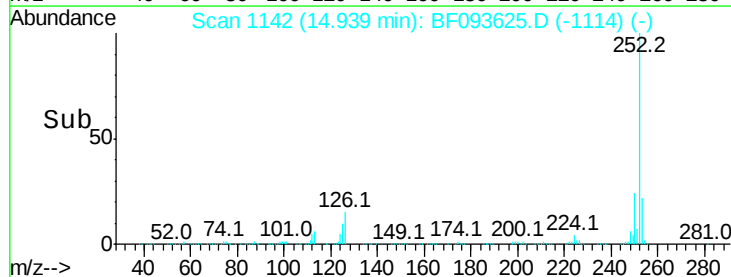
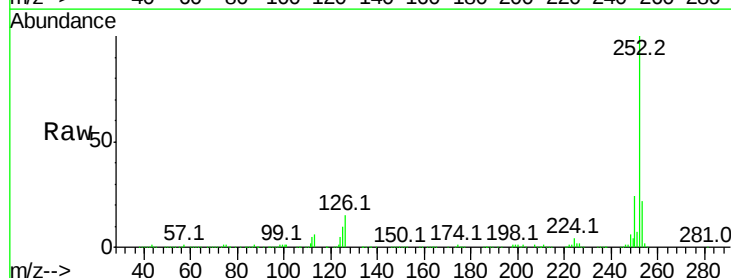
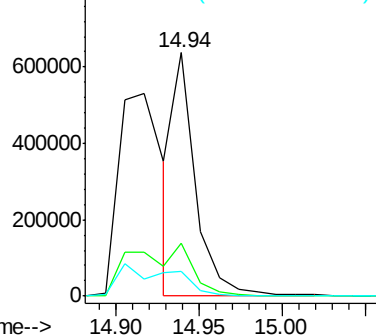
Delta R.T. 0.02 min

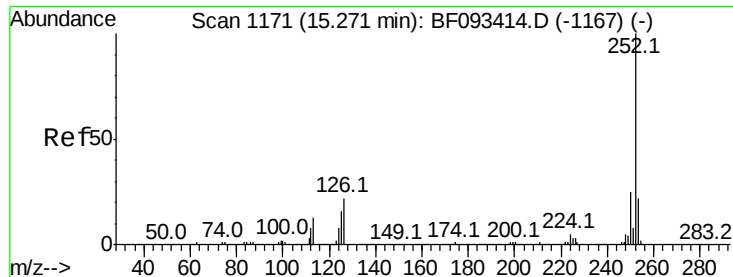
Lab File: BF093625.D

Acq: 13 Mar 2017 23:45

Tgt Ion:252	Resp:	615126
Ion Ratio	Lower	Upper
252	100	
253	21.6	18.5 27.7
125	10.2	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





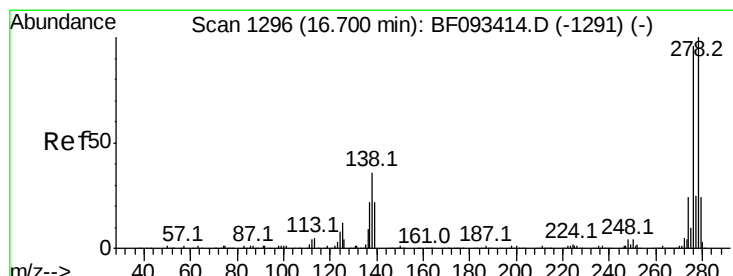
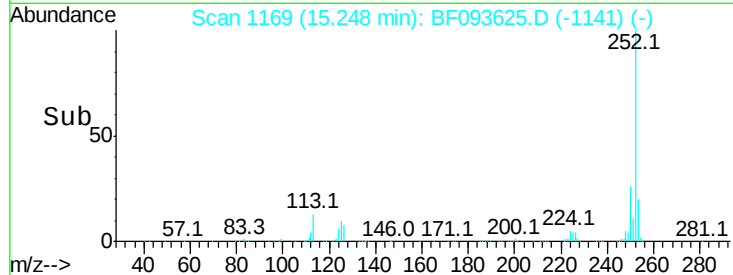
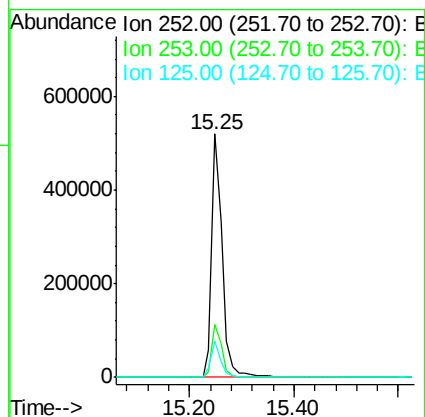
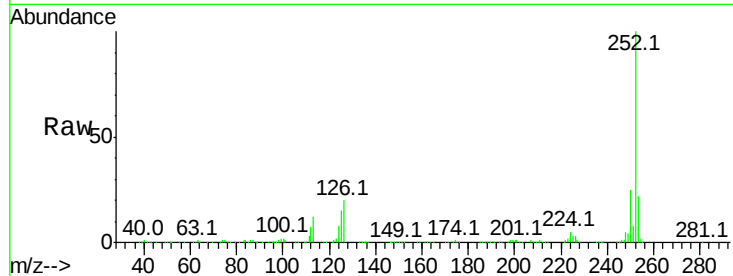
#89
Benzo(a)pyrene
Concen: 40.19 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	252	Resp:	714511
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	14.9	10.0	15.0

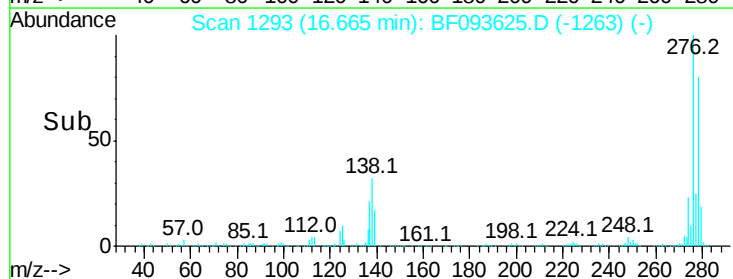
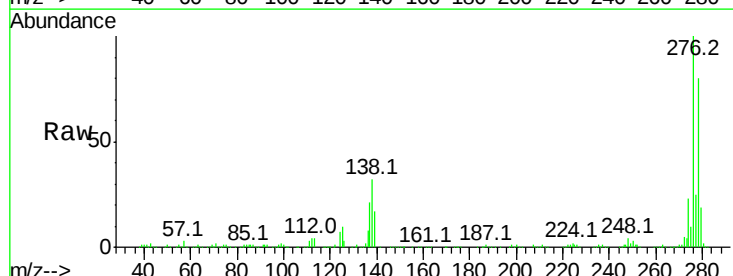
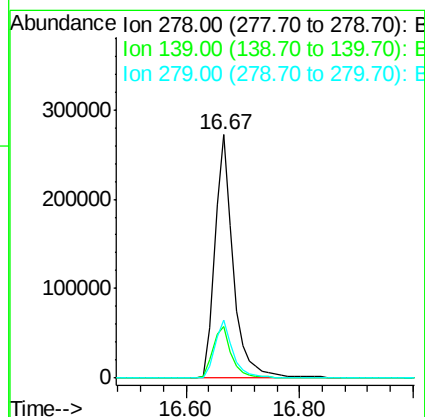
Manual Integrations
APPROVED

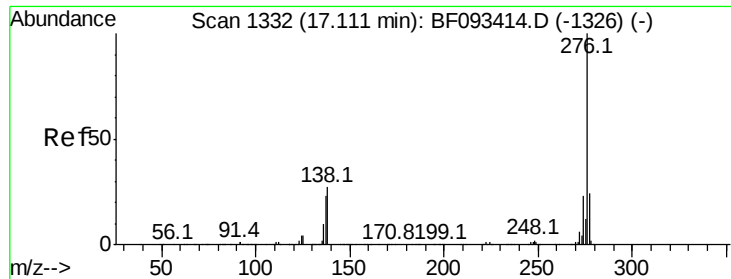
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 40.59 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093625.D
Acq: 13 Mar 2017 23:45

Tgt Ion:	278	Resp:	597052
Ion Ratio	Lower	Upper	
278	100		
139	21.3	14.8	22.2
279	23.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.93 ng
 RT: 17.08 min Scan# 1329
 Delta R.T. 0.06 min
 Lab File: BF093625.D
 Acq: 13 Mar 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	27.0	16.0	24.0

Manual Integrations
 APPROVED

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