

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092950.D
 Acq On : 15 Feb 2017 14:48
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/16/2017 11:40:04 AM

Quant Time: Feb 15 15:32:17 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	164931	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	658084	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	371026	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	575587	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	475216	20.00	ng	-0.02
86) Perylene-d12	15.47	264	455310	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	793128	82.50	ng	-0.01
7) Phenol-d6	6.51	99	939886	75.98	ng	-0.02
23) Nitrobenzene-d5	7.45	82	956242	80.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	207613	77.37	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1539514	75.17	ng	-0.01
78) Terphenyl-d14	12.98	244	1409717	69.70	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	193886	37.32	ng	# 85
3) Pyridine	3.20	79	510136	38.62	ng	# 87
4) n-Nitrosodimethylamine	3.15	42	244937	39.49	ng	# 88
6) Aniline	6.53	93	680625	40.34	ng	# 52
8) 2-Chlorophenol	6.66	128	437705	41.27	ng	95
9) Benzaldehyde	6.42	77	316878	35.76	ng	96
10) Phenol	6.52	94	521557	36.04	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	485133	42.00	ng	99
12) 1,3-Dichlorobenzene	6.81	146	478557m	38.52	ng	
13) 1,4-Dichlorobenzene	6.89	146	493319	39.24	ng	98
14) 1,2-Dichlorobenzene	7.05	146	460619m	38.31	ng	
15) Benzyl Alcohol	7.01	79	327325	35.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	806688	40.20	ng	93
17) 2-Methylphenol	7.14	107	387292	42.57	ng	96
18) Hexachloroethane	7.38	117	167384	39.00	ng	# 85
19) n-Nitroso-di-n-propylamine	7.29	70	309719	39.33	ng	95
20) 3+4-Methylphenols	7.29	107	401986	36.95	ng	# 78
22) Acetophenone	7.29	105	544280	36.22	ng	# 91
24) Nitrobenzene	7.46	77	459920	37.90	ng	99
25) Isophorone	7.70	82	868055	39.42	ng	97
26) 2-Nitrophenol	7.78	139	252300	43.74	ng	# 84
27) 2,4-Dimethylphenol	7.81	122	367633	36.29	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	595089	40.80	ng	98
29) 2,4-Dichlorophenol	8.02	162	373213	39.50	ng	92
30) 1,2,4-Trichlorobenzene	8.10	180	388416	38.15	ng	94
31) Naphthalene	8.18	128	1186500	35.57	ng	99
32) Benzoic acid	7.95	122	199624	36.75	ng	97
33) 4-Chloroaniline	8.24	127	550733	42.09	ng	94
34) Hexachlorobutadiene	8.29	225	198132	35.37	ng	98
35) Caprolactam	8.61	113	120139	40.43	ng	# 42
36) 4-Chloro-3-methylphenol	8.72	107	361945	36.75	ng	97
37) 2-Methylnaphthalene	8.88	142	852880	39.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	369424	35.47	ng	100
40) Hexachlorocyclopentadiene	9.02	237	173676	36.96	ng	98

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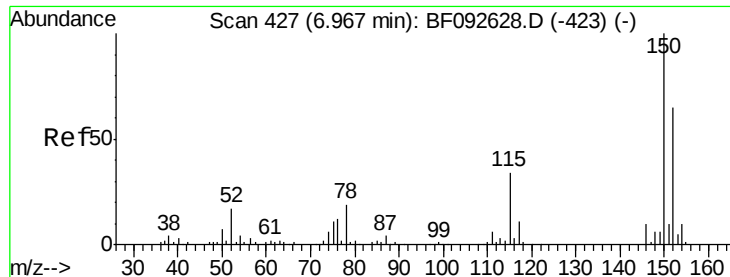
Manual Integrations
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 2/16/2017 11:40:04 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	250119	36.55	ng	91
43) 2,4,5-Trichlorophenol	9.20	196	284599	37.96	ng #	85
45) 1,1'-Biphenyl	9.33	154	918506	34.19	ng	97
46) 2-Chloronaphthalene	9.36	162	772766	36.77	ng	95
47) 2-Nitroaniline	9.46	65	260745	36.90	ng	98
48) Acenaphthylene	9.78	152	1382061	38.07	ng	99
49) Dimethylphthalate	9.64	163	922978	36.93	ng	99
50) 2,6-Dinitrotoluene	9.70	165	193861	35.92	ng #	71
51) Acenaphthene	9.95	154	855791	39.42	ng	97
52) 3-Nitroaniline	9.87	138	217482	35.21	ng	98
53) 2,4-Dinitrophenol	9.98	184	107083	41.43	ng	93
54) Dibenzofuran	10.12	168	1098081	37.82	ng	91
55) 4-Nitrophenol	10.04	139	187127	42.06	ng #	72
56) 2,4-Dinitrotoluene	10.11	165	283438	39.45	ng #	75
57) Fluorene	10.46	166	889739	39.83	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	202968	40.58	ng	98
59) Diethylphthalate	10.34	149	939101	39.87	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	392198	36.55	ng #	85
61) 4-Nitroaniline	10.49	138	251143	39.70	ng	91
62) Azobenzene	10.61	77	954413	39.23	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	150833	43.33	ng #	31
65) n-Nitrosodiphenylamine	10.58	169	743277	40.42	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	254715	42.36	ng #	86
67) Hexachlorobenzene	11.01	284	243365	40.95	ng #	86
68) Atrazine	11.10	200	261599	44.33	ng	95
69) Pentachlorophenol	11.21	266	135012	47.25	ng	99
70) Phenanthrene	11.42	178	1328412	40.28	ng	99
71) Anthracene	11.47	178	1218467	36.79	ng	99
72) Carbazole	11.63	167	1224976	38.70	ng	99
73) Di-n-butylphthalate	11.96	149	1478488	43.19	ng #	96
74) Fluoranthene	12.60	202	1302075	38.28	ng	97
76) Benzidine	12.73	184	650522	32.12	ng	99
77) Pyrene	12.84	202	1356846	38.15	ng	98
79) Butylbenzylphthalate	13.45	149	578244	40.04	ng	98
80) Benzo(a)anthracene	14.02	228	1086587	37.38	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	397347	38.35	ng	97
82) Chrysene	14.07	228	1159537	42.61	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	775272	39.25	ng	98
84) Di-n-octyl phthalate	14.63	149	1406654	43.74	ng	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	944430	44.81	ng #	94
87) Benzo(b)fluoranthene	15.06	252	1188878m	39.67	ng	
88) Benzo(k)fluoranthene	15.08	252	854758m	33.03	ng	
89) Benzo(a)pyrene	15.41	252	1014293	39.13	ng #	96
90) Dibenzo(a,h)anthracene	16.90	278	807828	38.56	ng	98
91) Benzo(g,h,i)perylene	17.31	276	807487	38.15	ng #	91

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



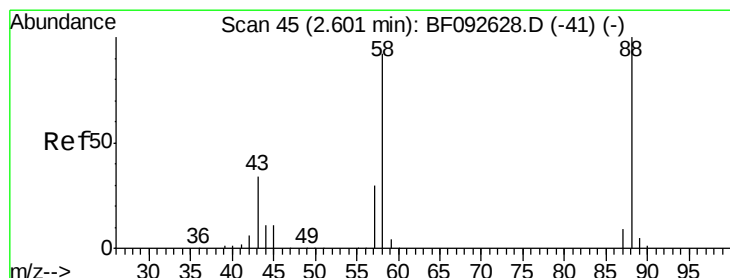
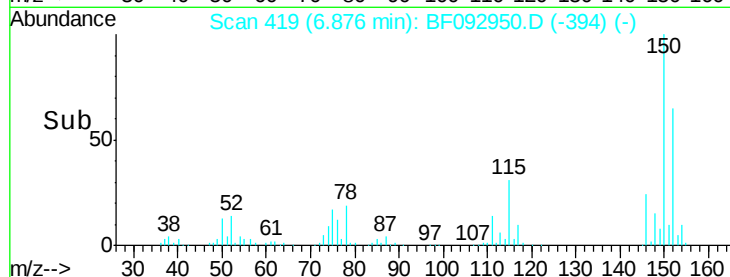
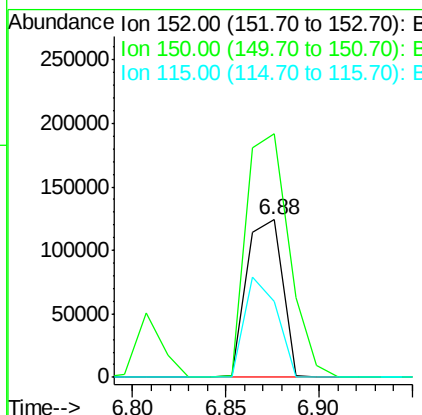
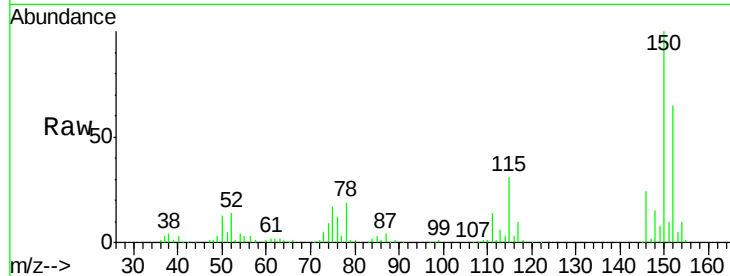
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	48.6	46.0	69.0

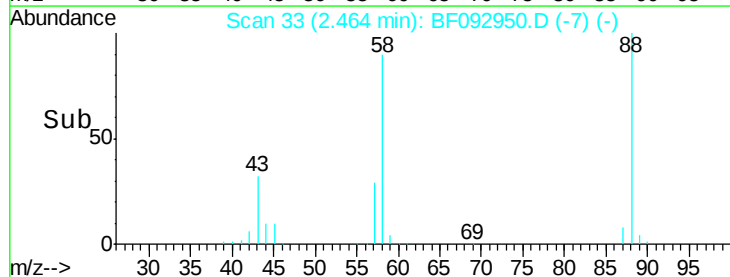
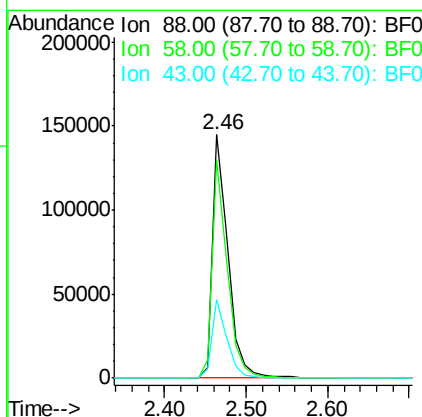
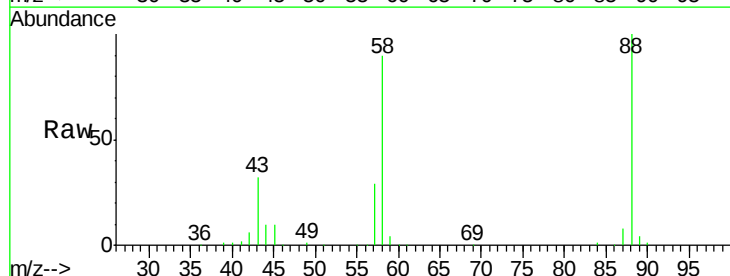
Manual Integrations
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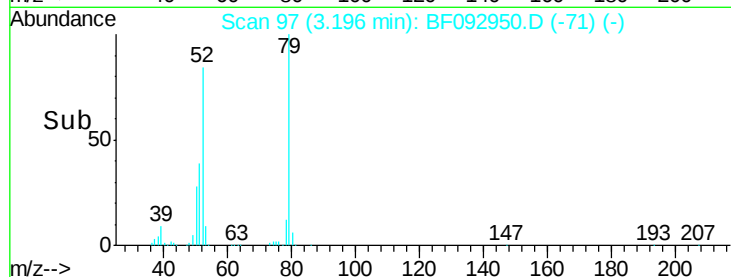
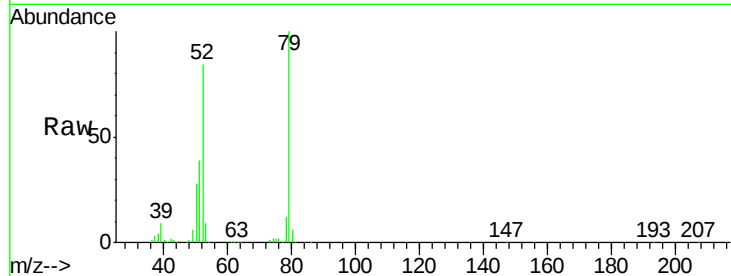
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#2
 1,4-Dioxane
 Concen: 37.32 ng
 RT: 2.46 min Scan# 33
 Delta R.T. 0.00 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	57.8	86.8#
43	31.9	22.3	33.5





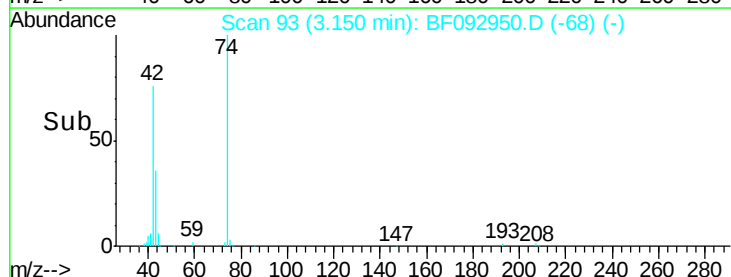
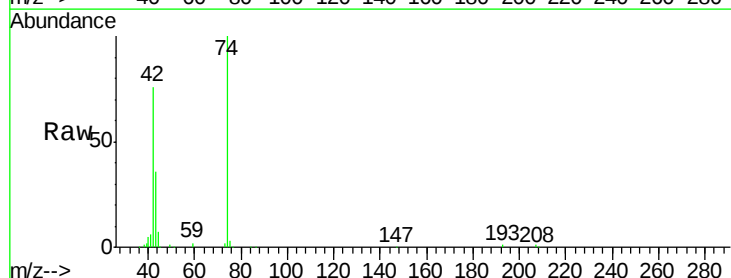
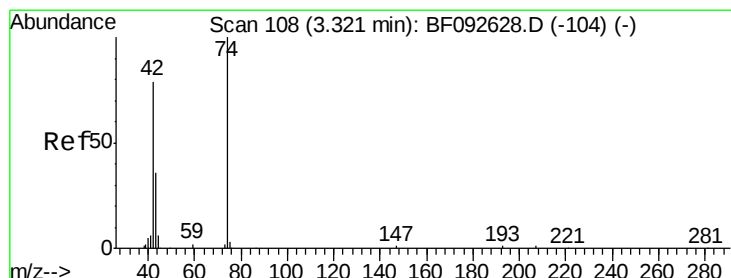
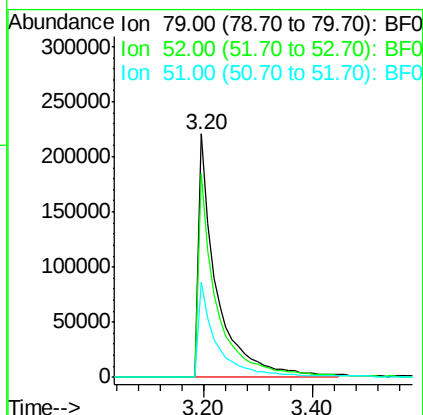
#3
 Pyridine
 Concen: 38.62 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
79	100		
52	84.0	57.1	85.7
51	39.3	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

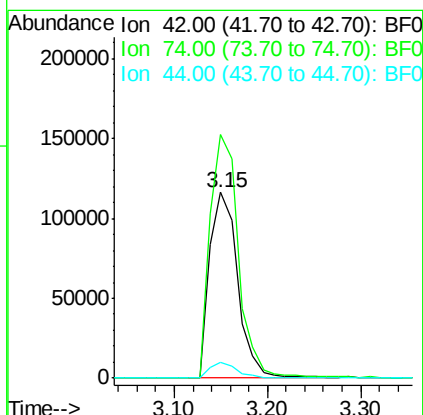
Manual Integrations
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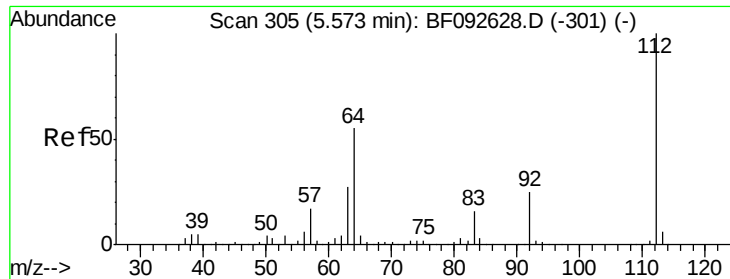
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#4
 n-Nitrosodimethylamine
 Concen: 39.49 ng
 RT: 3.15 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.2	117.0	175.4
44	8.6	5.5	8.3#





#5

2-Fluorophenol

Concen: 82.50 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

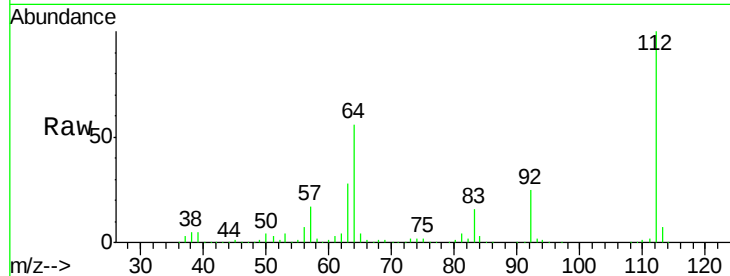
ClientSampleId :

SSTDCCC040

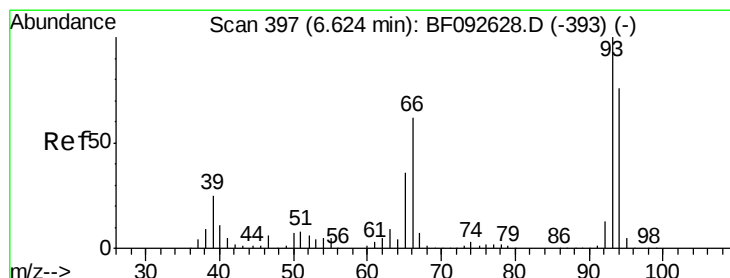
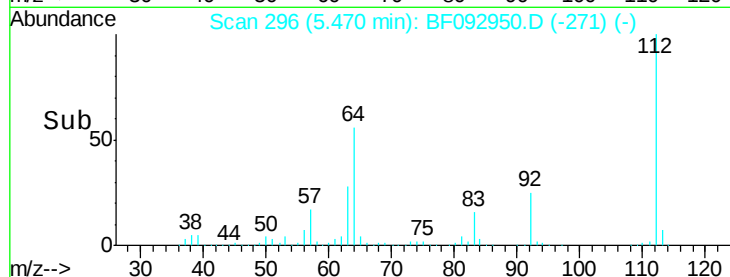
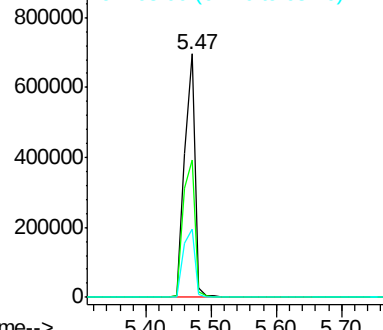
Tgt Ion:	112	Resp:	793128
Ion Ratio	Lower	Upper	
112	100		
64	56.4	46.1	69.1
63	27.9	23.8	35.6

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



#6

Aniline

Concen: 40.34 ng

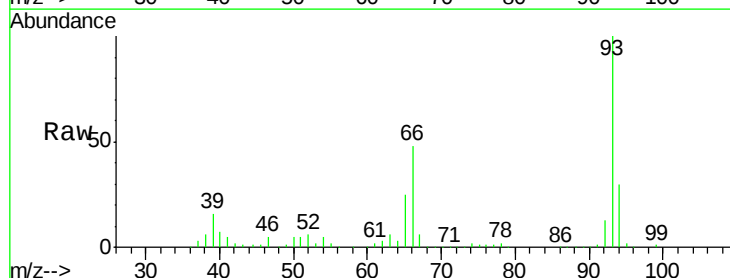
RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

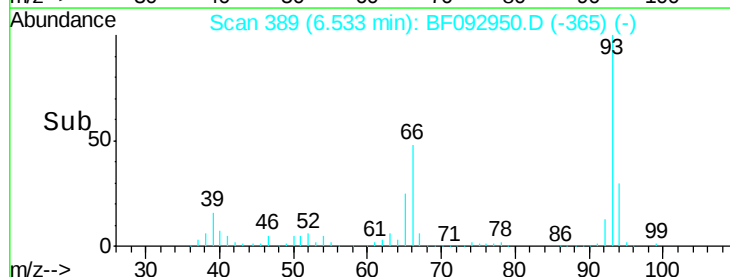
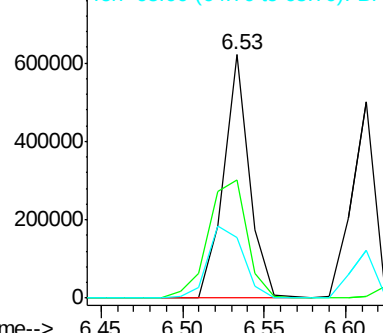
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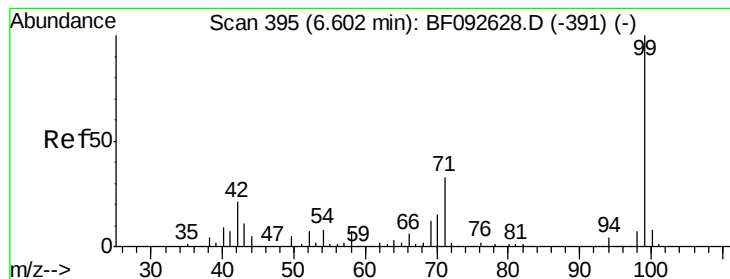
Acq: 15 Feb 2017 14:48

Tgt Ion:	93	Resp:	680625
Ion Ratio	Lower	Upper	
93	100		
66	48.4	76.2	114.2#
65	25.1	49.3	73.9#



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





#7

Phenol-d6

Concen: 75.98 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

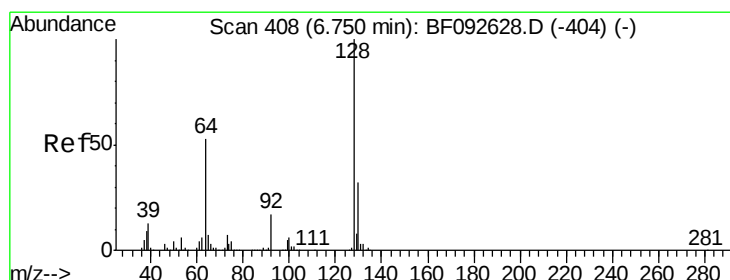
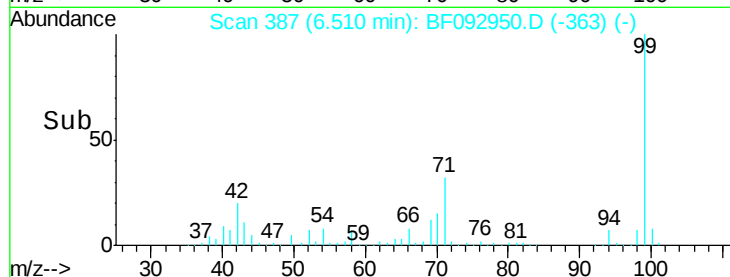
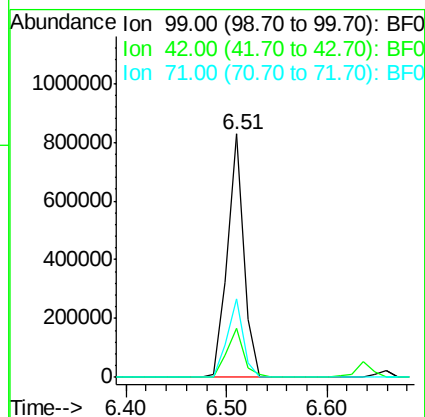
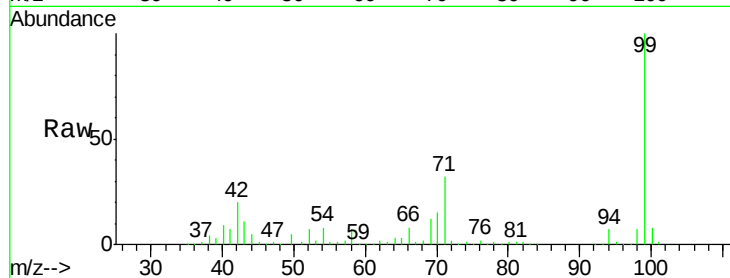
ClientSampled :

SSTDCCC040

Tgt Ion:	99	Resp:	939886
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	32.5	27.5	41.3

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#8

2-Chlorophenol

Concen: 41.27 ng

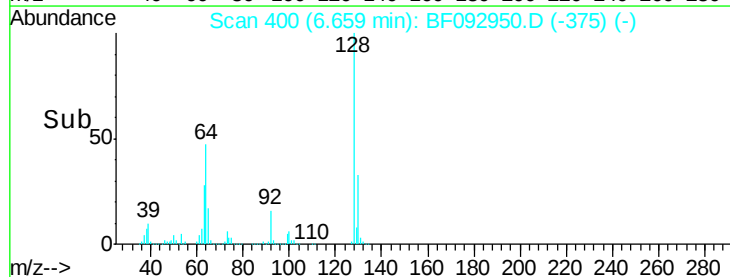
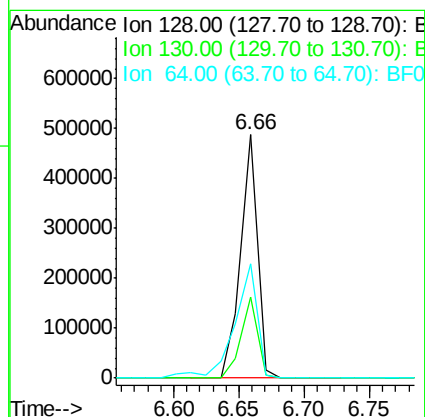
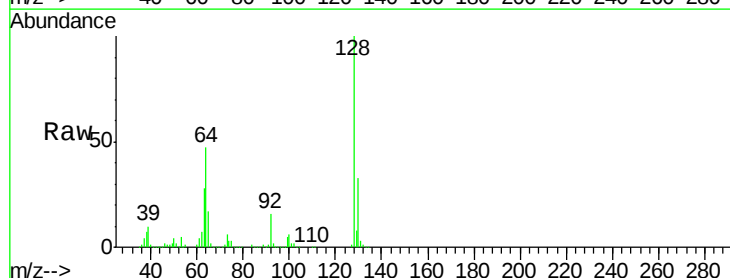
RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion:	128	Resp:	437705
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	47.0	32.2	72.2





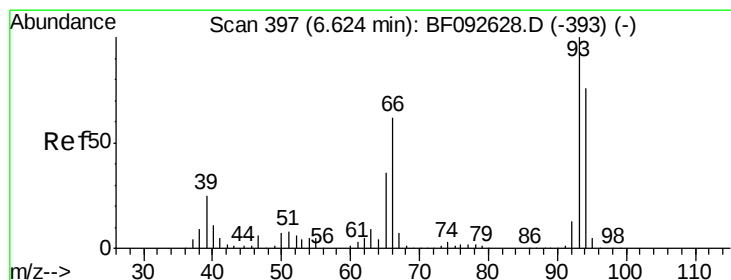
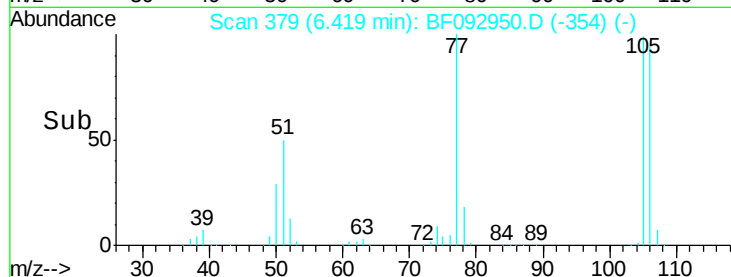
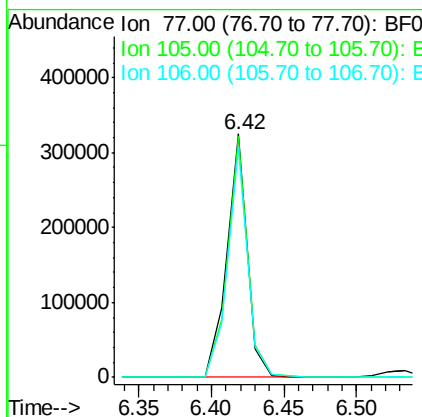
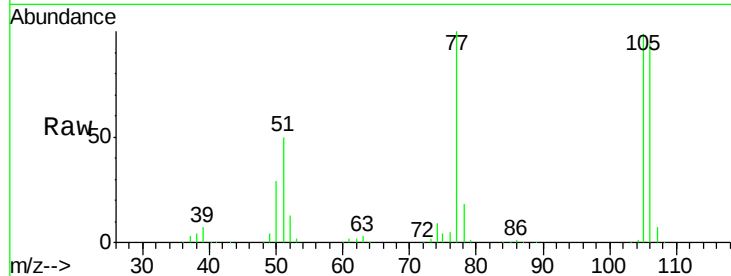
#9
Benzaldehyde
Concen: 35.76 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 316878
Ion Ratio Lower Upper
77 100
105 99.3 83.9 123.9
106 94.2 77.6 117.6

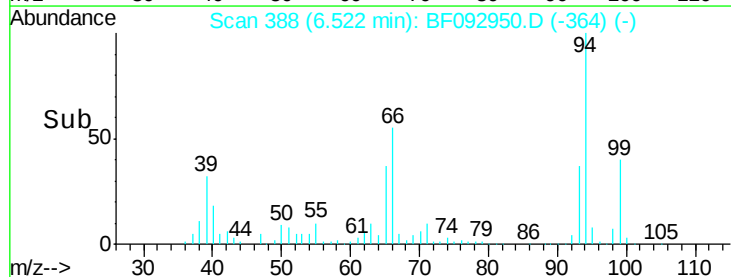
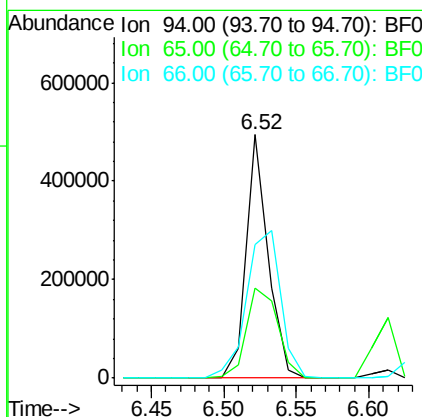
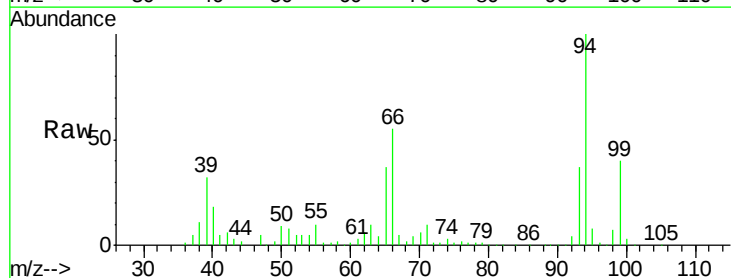
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#10
Phenol
Concen: 36.04 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion: 94 Resp: 521557
Ion Ratio Lower Upper
94 100
65 37.0 21.4 61.4
66 55.0 44.0 84.0





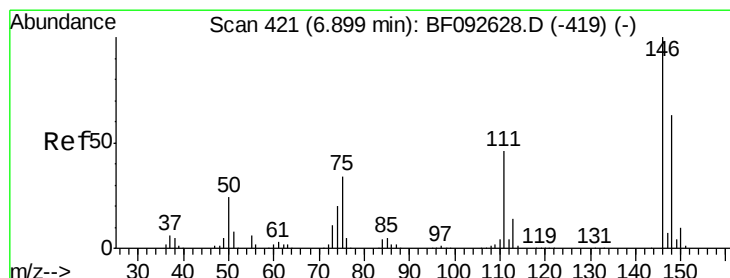
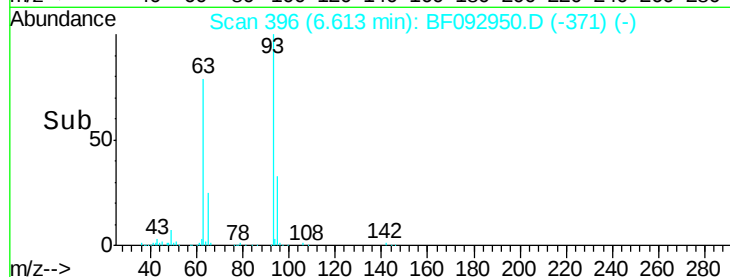
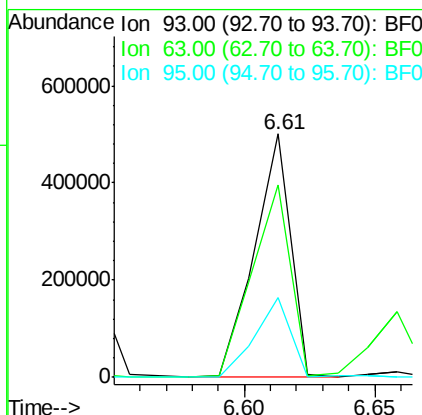
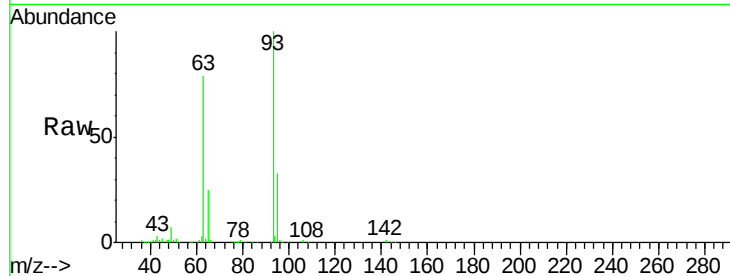
#11
bis(2-Chloroethyl)ether
Concen: 42.00 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.1	60.4	100.4
95	32.6	12.8	52.8

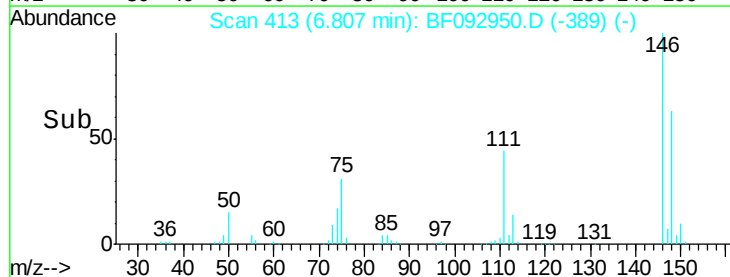
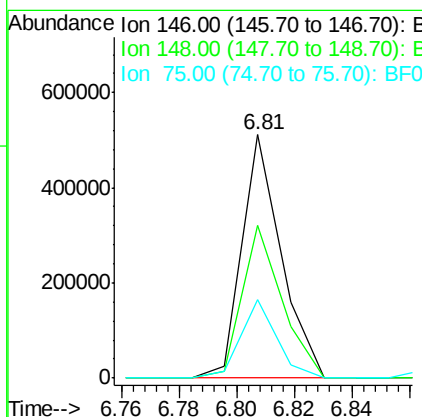
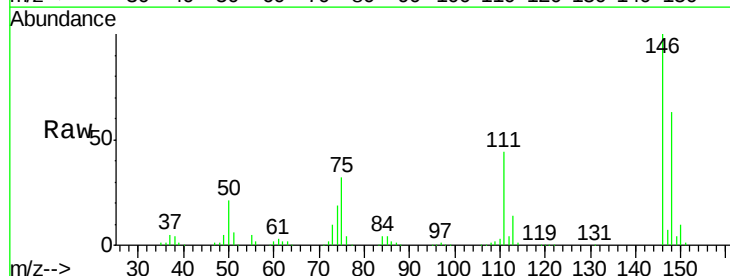
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#12
1,3-Dichlorobenzene
Concen: 38.52 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.4	80.0
75	32.4	18.5	27.7#





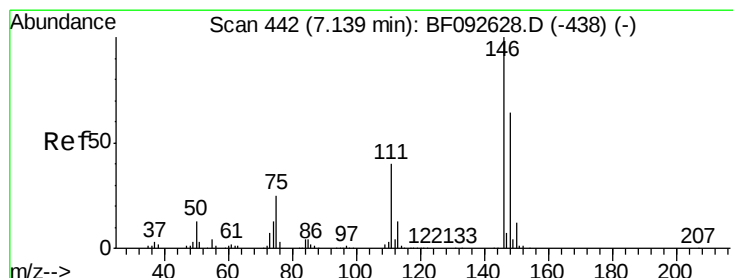
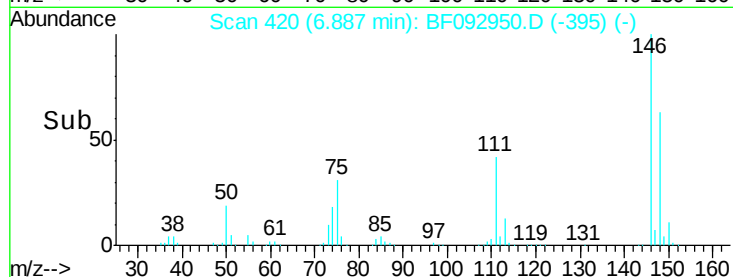
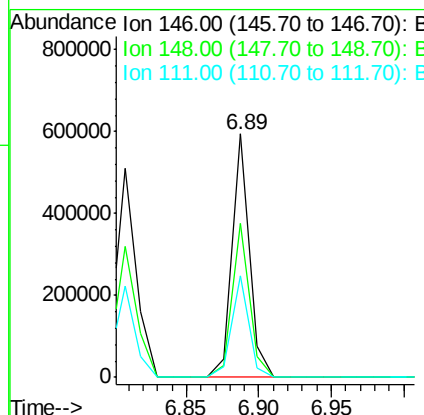
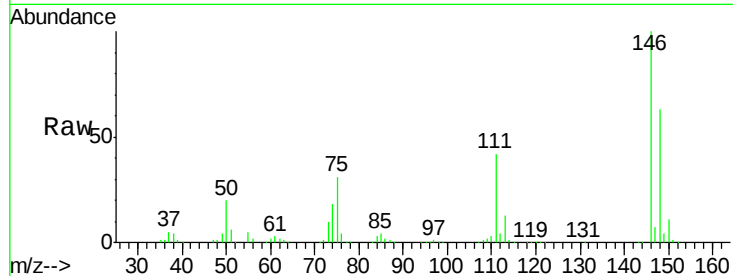
#13
 1,4-Dichlorobenzene
 Concen: 39.24 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	76.0
111	41.9	36.2	54.4

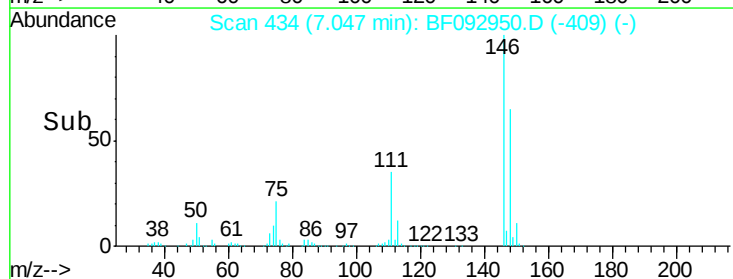
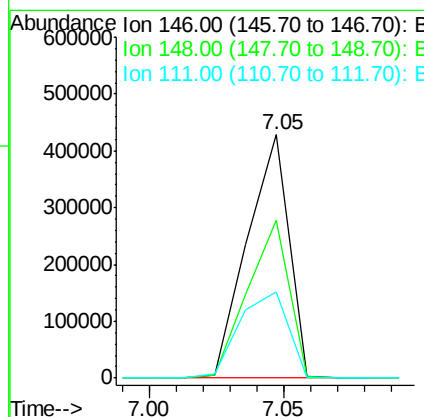
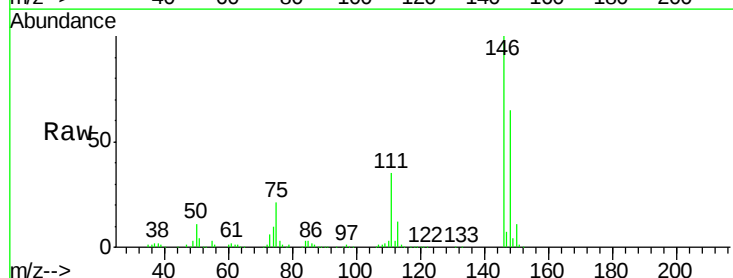
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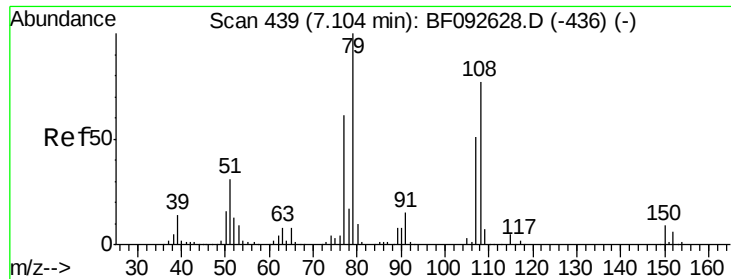
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.31 ng m
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	35.3	36.2	54.2#





#15

Benzyl Alcohol

Concen: 35.74 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

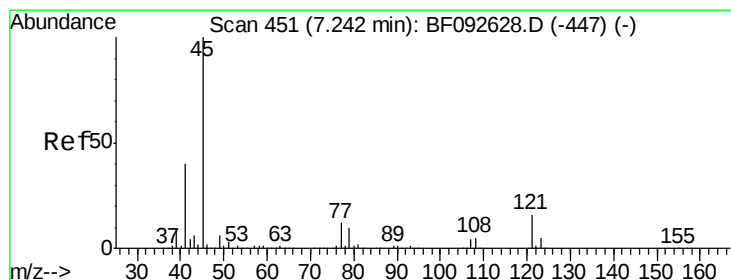
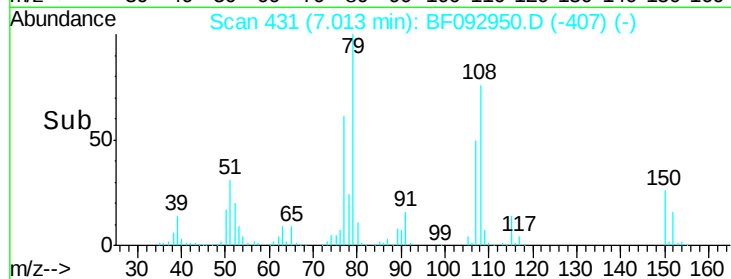
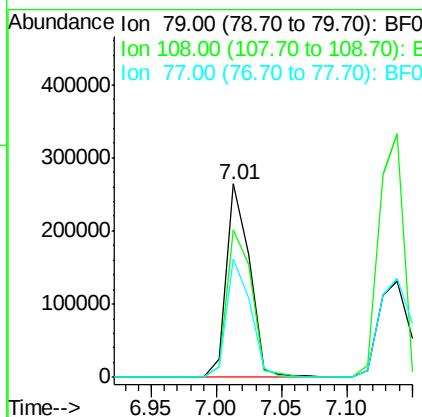
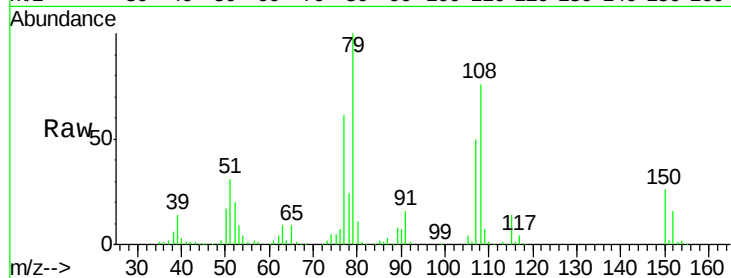
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	327325
Ion Ratio	Lower	Upper	
79	100		
108	76.0	61.4	92.0
77	60.9	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.20 ng

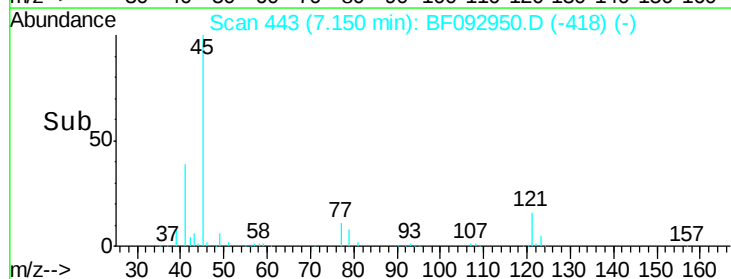
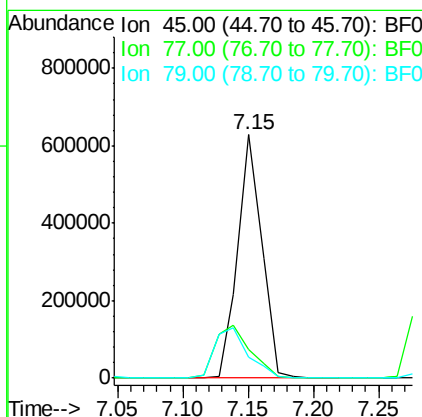
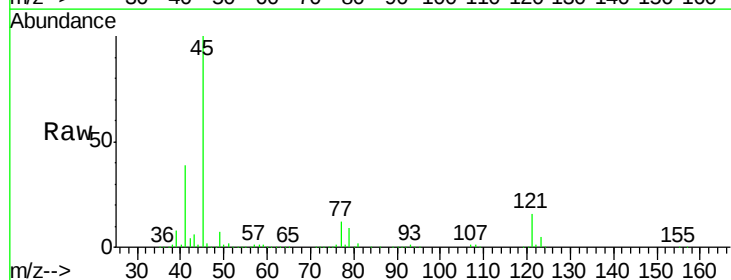
RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion:	45	Resp:	806688
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	34.6
79	8.6	0.0	31.2





#17

2-Methylphenol

Concen: 42.57 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

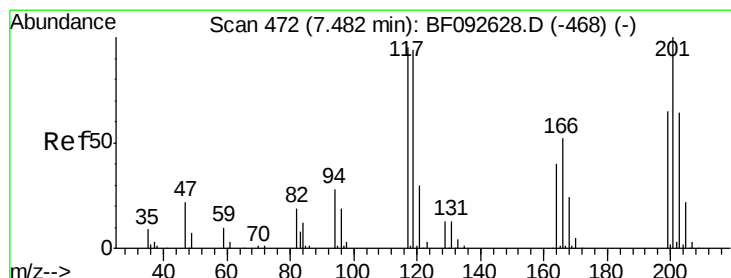
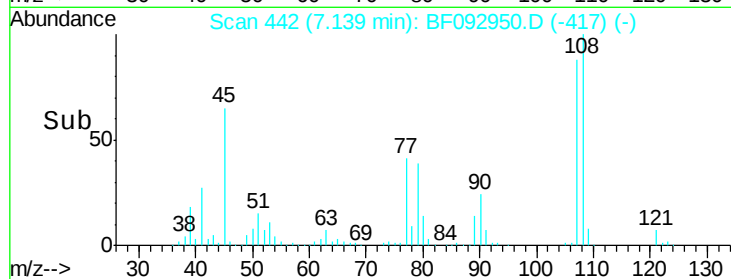
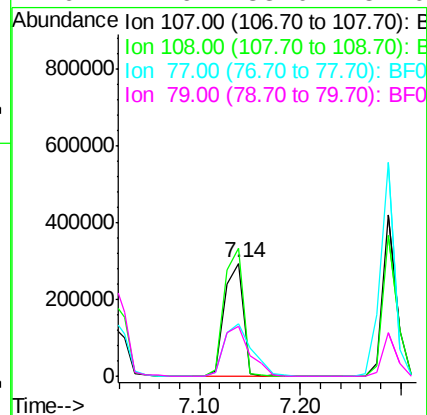
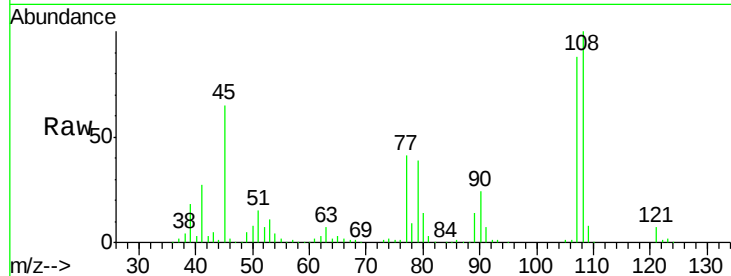
ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	387292
Ion Ratio	Lower	Upper	
107	100		
108	113.0	93.0	139.6
77	46.0	39.8	59.8
79	44.6	38.0	57.0

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#18

Hexachloroethane

Concen: 39.00 ng

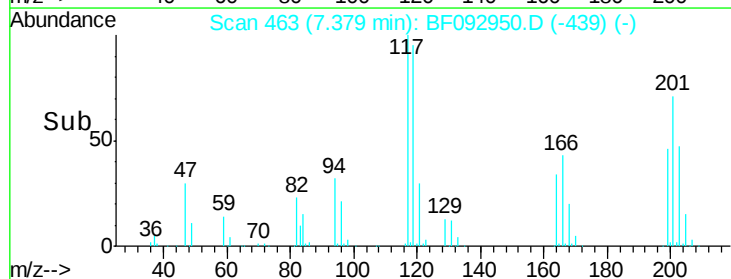
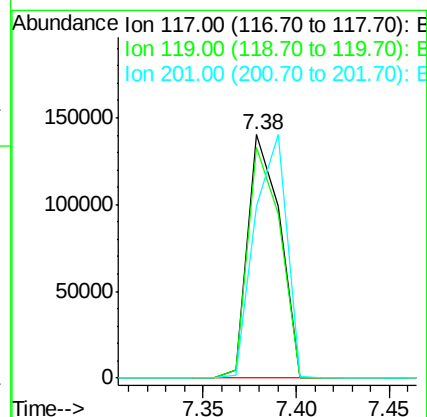
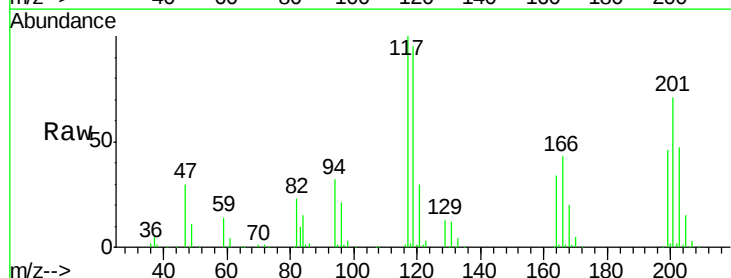
RT: 7.38 min Scan# 463

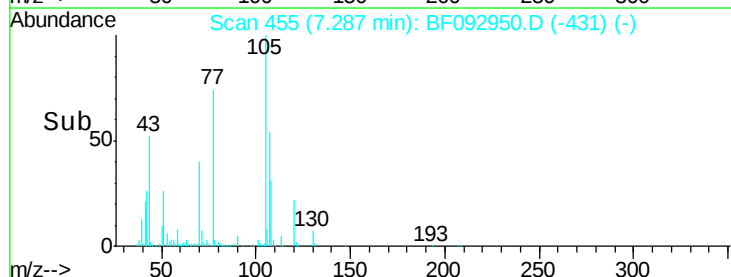
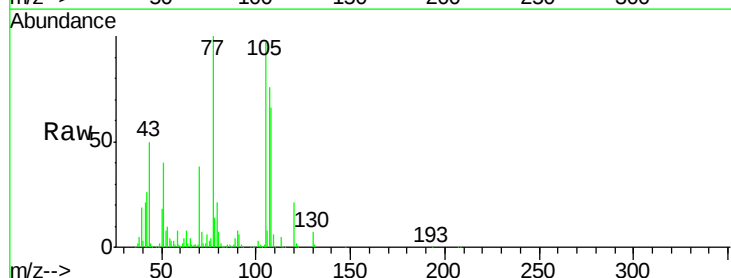
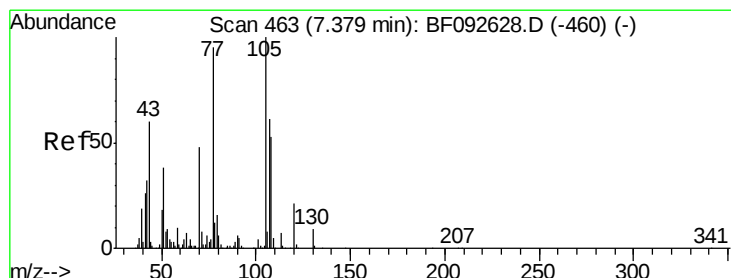
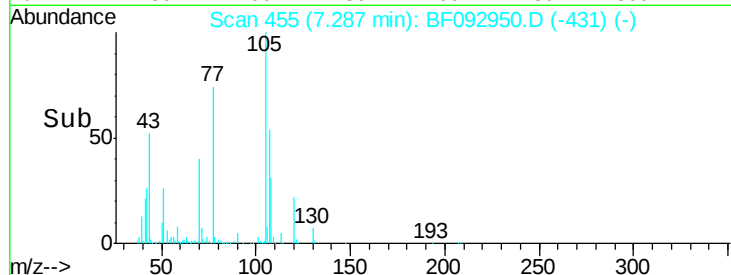
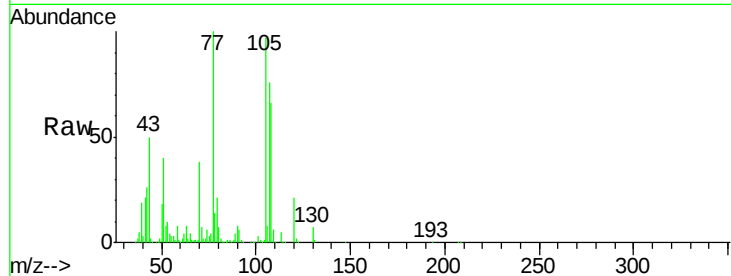
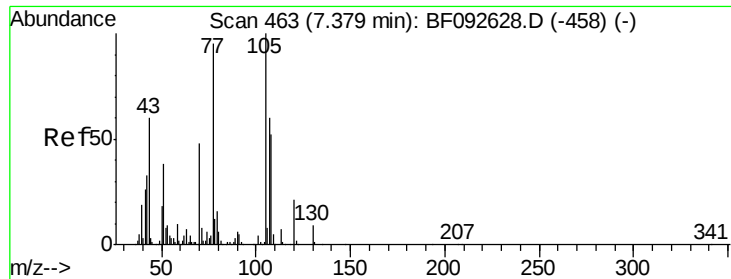
Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion:	117	Resp:	167384
Ion Ratio	Lower	Upper	
117	100		
119	94.8	78.1	117.1
201	70.8	78.6	117.8#





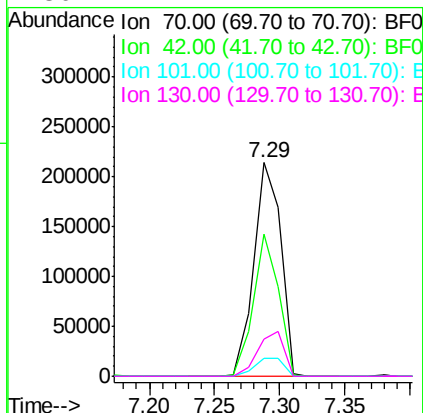
#19
n-Nitroso-di-n-propylamine
Concen: 39.33 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.7	49.4	74.0
101	8.1	7.4	11.2
130	17.2	14.2	21.4

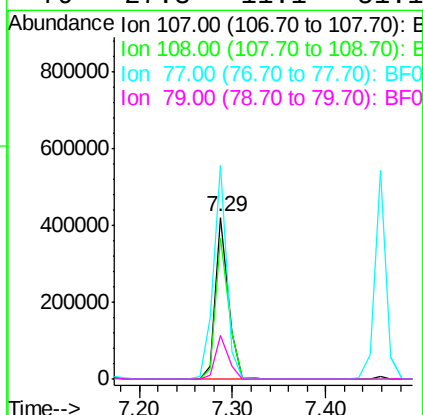
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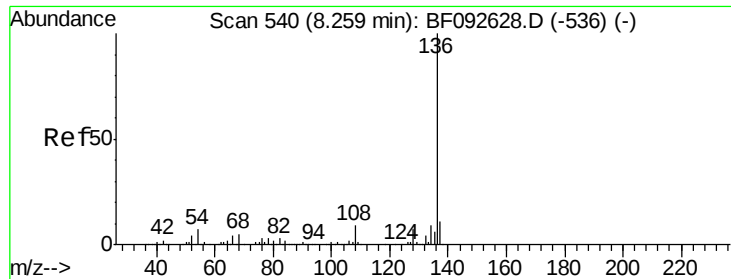
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#20
3+4-Methylphenols
Concen: 36.95 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	73.0	113.0
77	132.4	71.3	111.3#
79	27.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

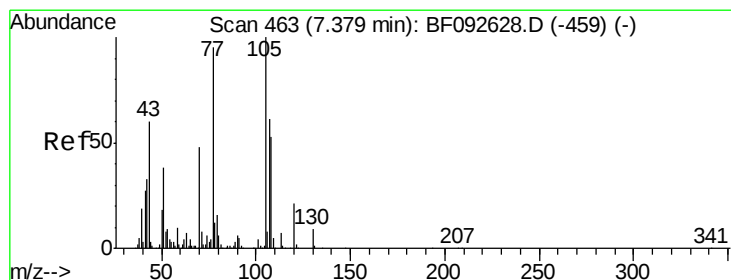
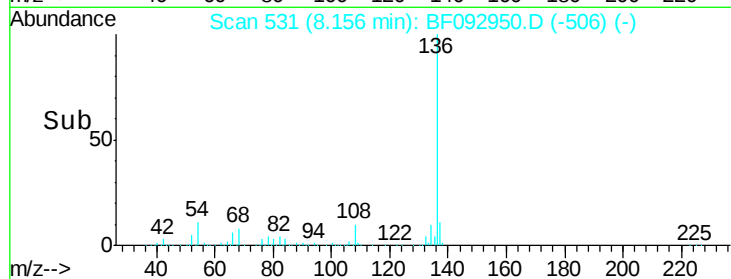
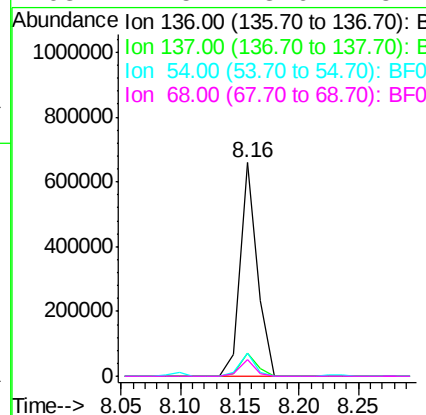
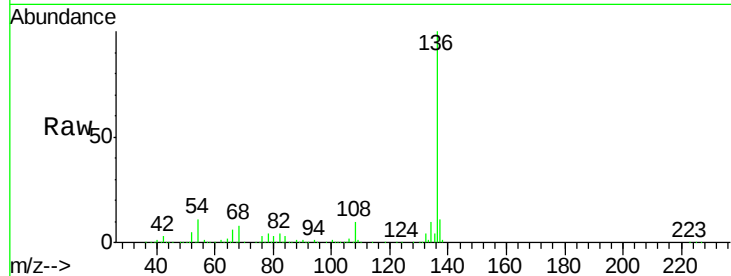
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	658084		
137	11.1	8.4	12.6	
54	11.0	4.5	6.7#	
68	7.5	3.6	5.4#	

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#22

Acetophenone

Concen: 36.22 ng

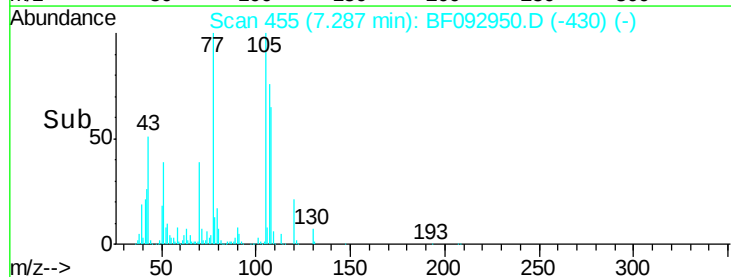
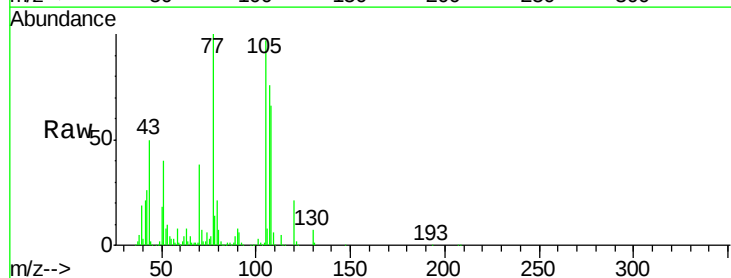
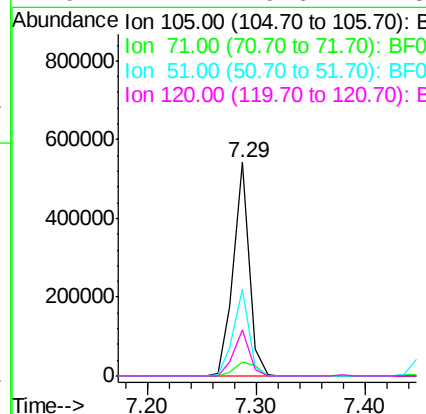
RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	544280		
71	6.7	3.2	4.8#	
51	40.9	26.2	39.4#	
120	21.4	16.6	24.8	





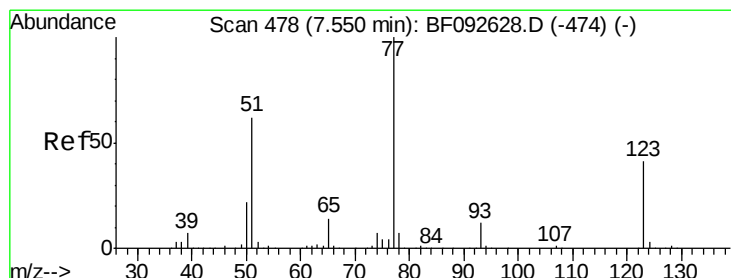
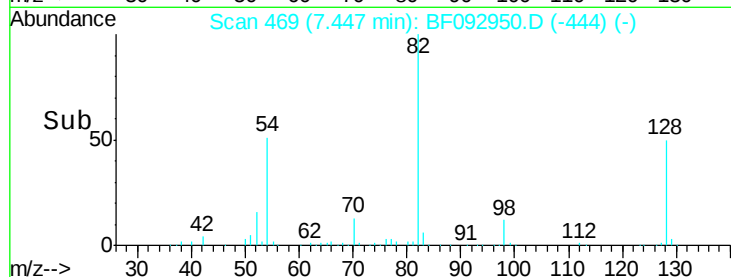
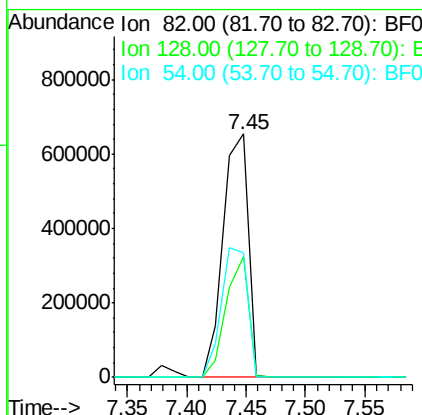
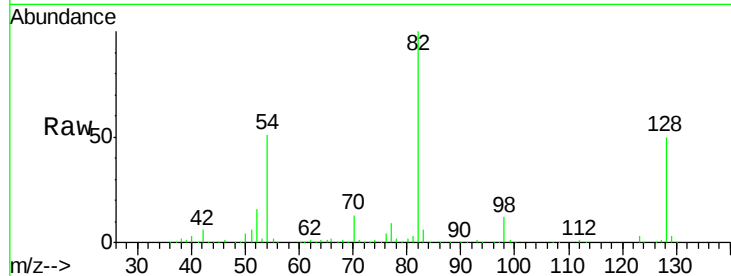
#23
 Nitrobenzene-d5
 Concen: 80.92 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	956242		
128	49.8	34.6	52.0	
54	51.1	39.5	59.3	

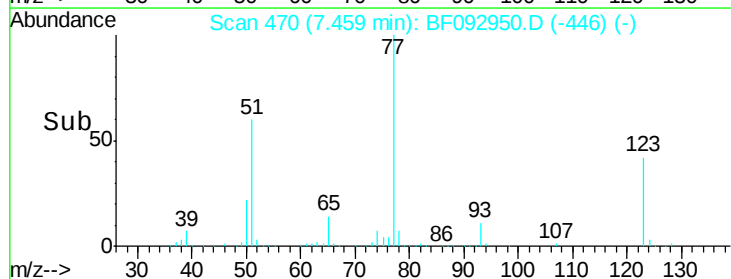
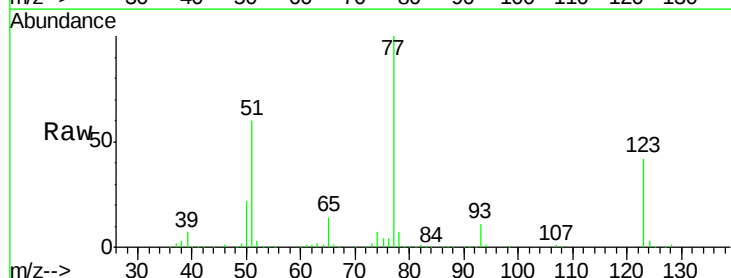
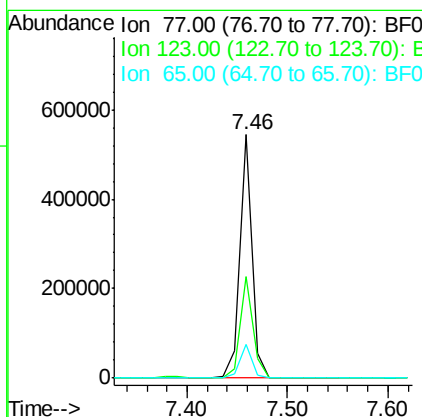
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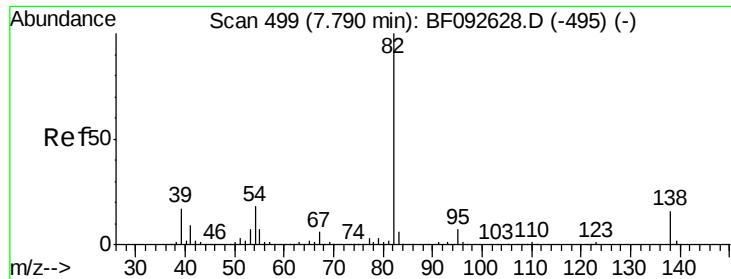
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#24
 Nitrobenzene
 Concen: 37.90 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	459920		
123	41.7	33.0	49.4	
65	13.8	11.2	16.8	





#25

Isophorone

Concen: 39.42 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

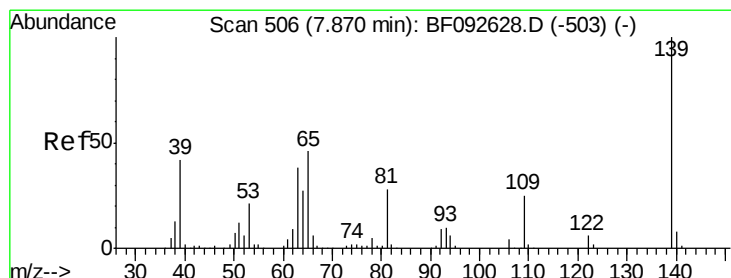
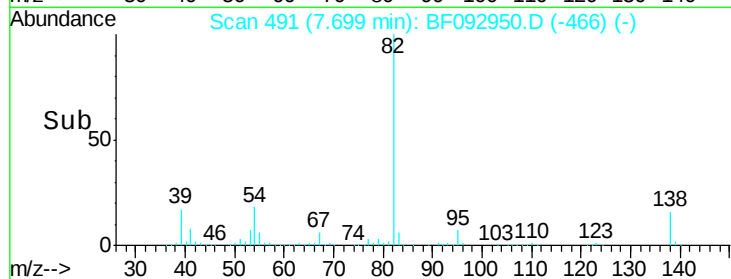
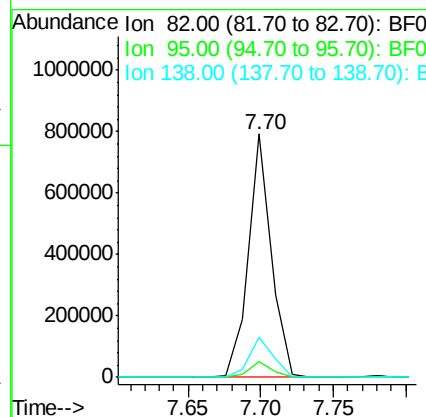
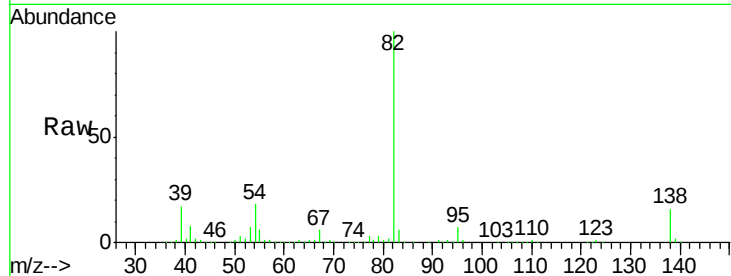
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	868055
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	16.4	14.6	22.0

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#26

2-Nitrophenol

Concen: 43.74 ng

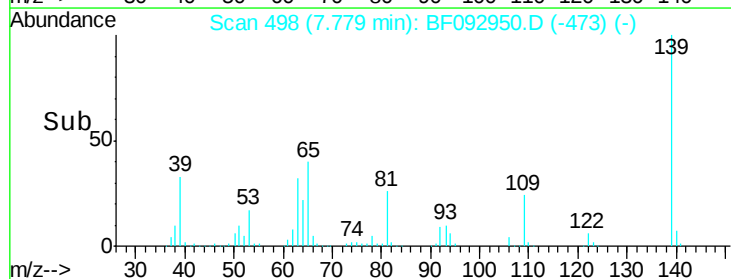
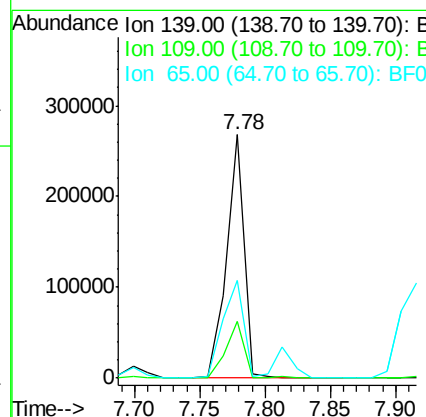
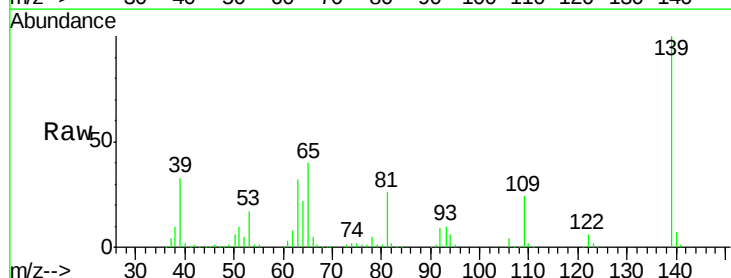
RT: 7.78 min Scan# 498

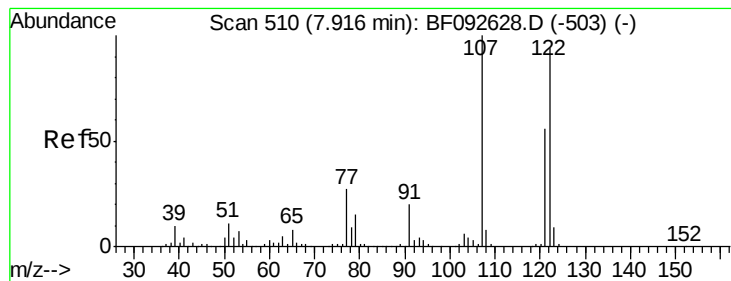
Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion:	139	Resp:	252300
Ion Ratio	Lower	Upper	
139	100		
109	23.5	23.3	34.9
65	39.9	42.7	64.1#





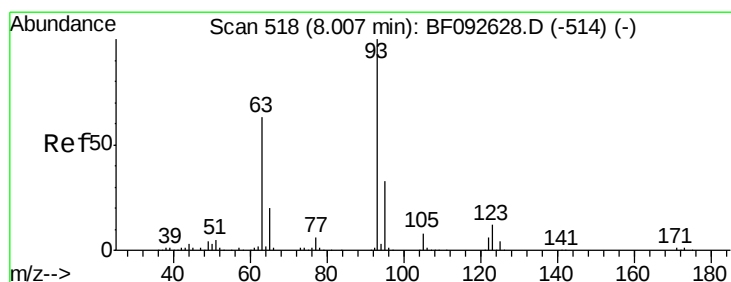
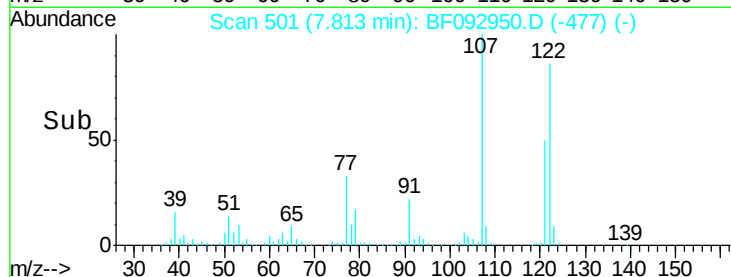
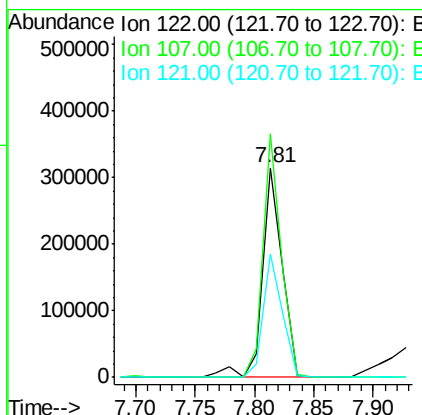
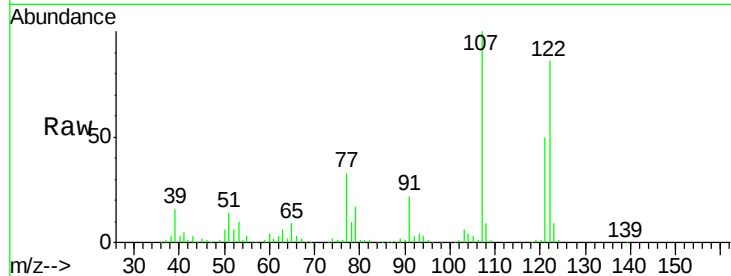
#27
 2,4-Dimethylphenol
 Concen: 36.29 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	367633		
107	116.3	94.1	141.1	
121	58.7	46.0	69.0	

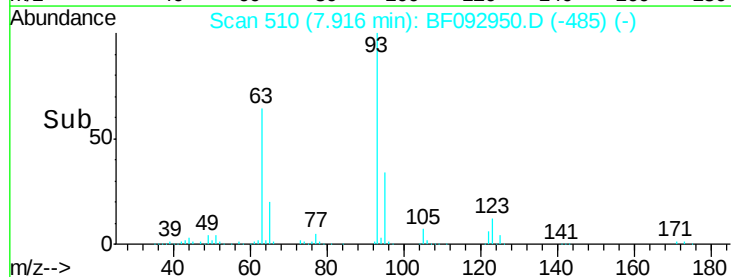
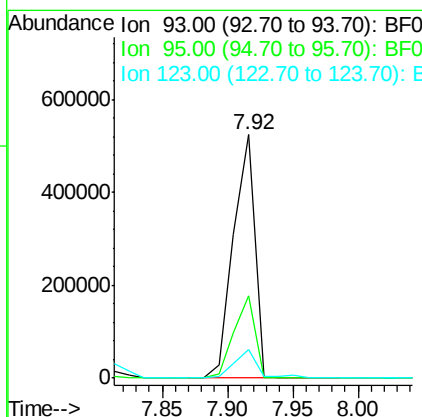
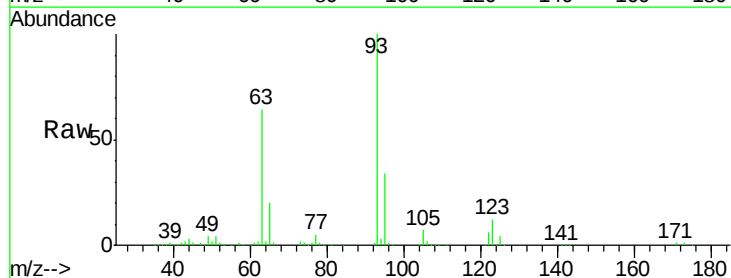
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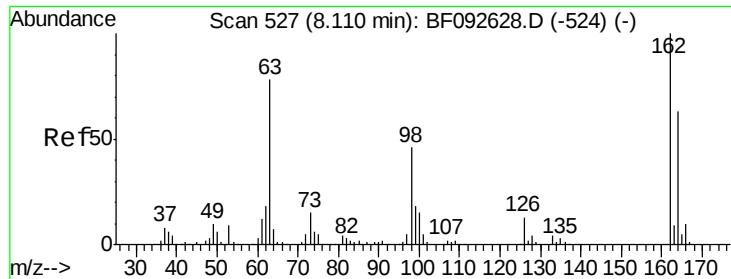
mohammad
 2/16/2017 11:40:04 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.80 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	595089		
95	33.7	26.5	39.7	
123	12.0	8.6	13.0	





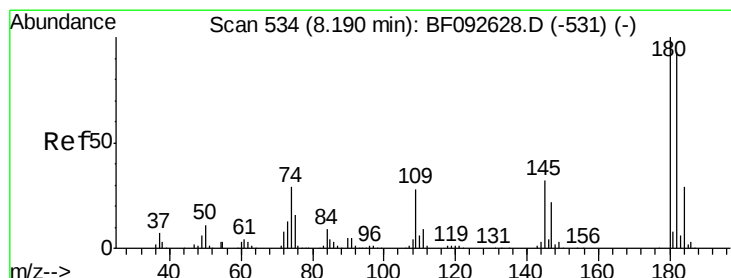
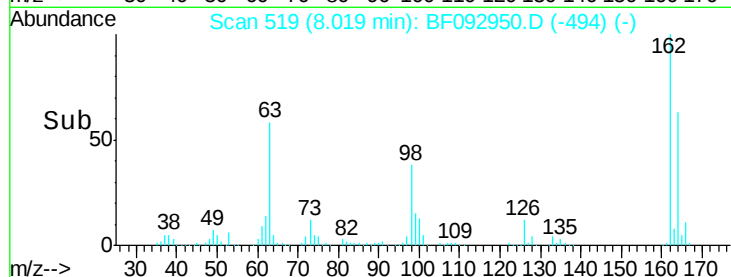
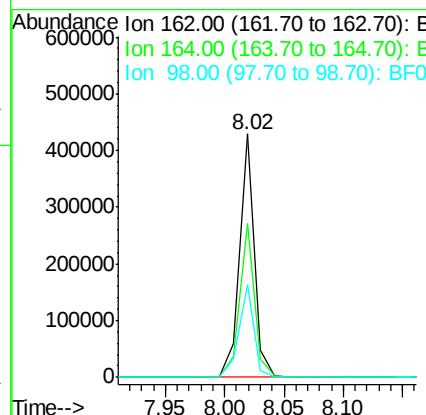
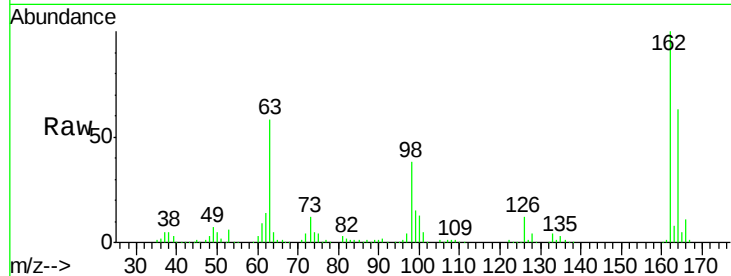
#29
 2,4-Dichlorophenol
 Concen: 39.50 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	373213		
164	63.4	46.8	86.8	
98	38.3	9.1	49.1	

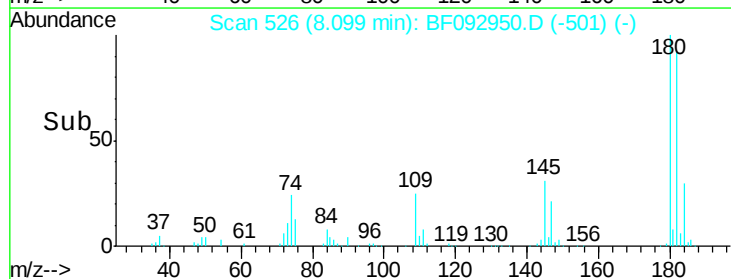
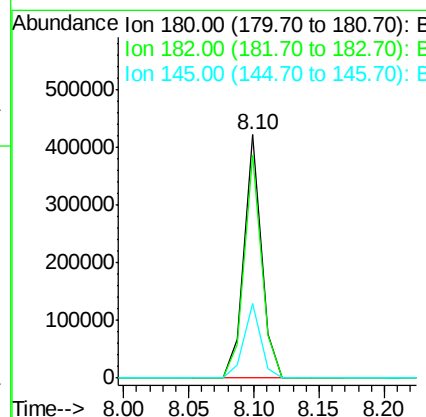
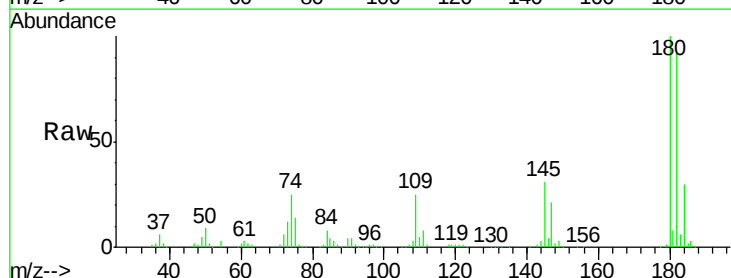
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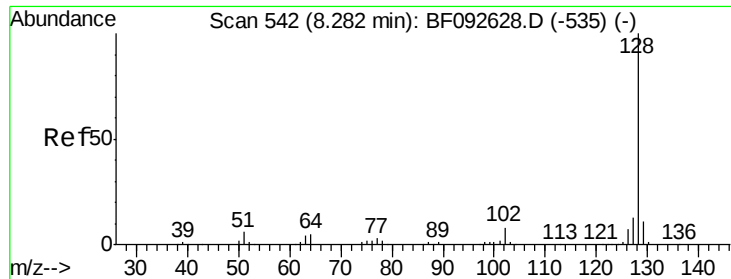
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	388416		
182	91.8	78.2	117.4	
145	30.9	21.6	32.4	





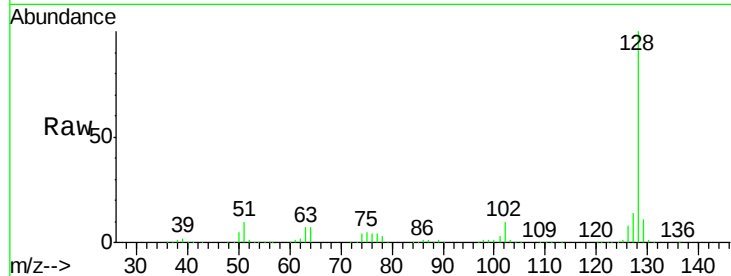
#31
Naphthalene
Concen: 35.57 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

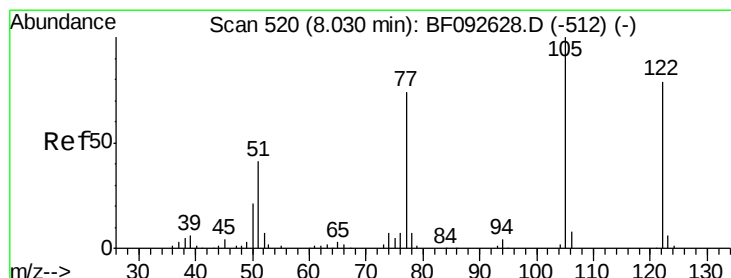
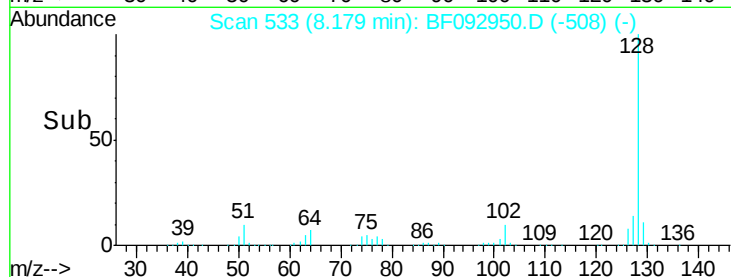
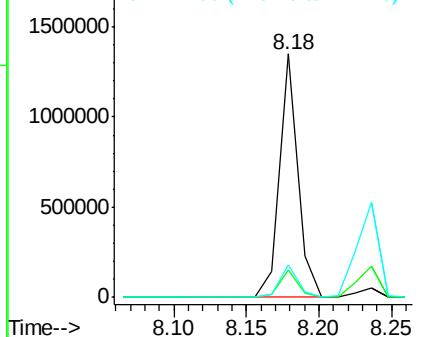
Tgt Ion:128 Resp: 1186500
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.5 10.8 16.2

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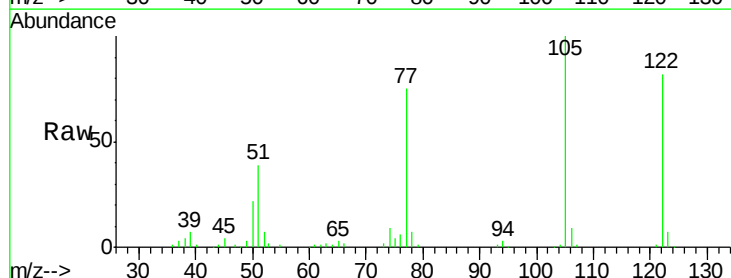


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

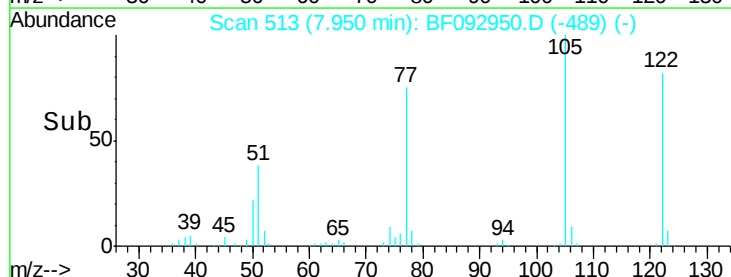
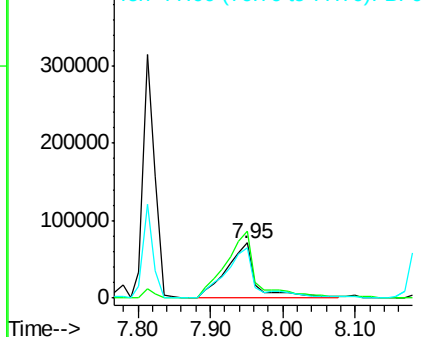


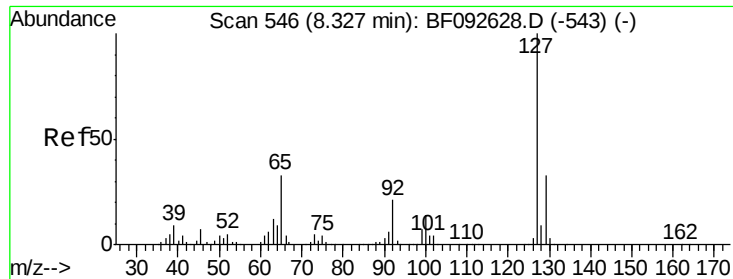
#32
Benzoic acid
Concen: 36.75 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:122 Resp: 199624
Ion Ratio Lower Upper
122 100
105 122.7 107.2 147.2
77 91.9 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





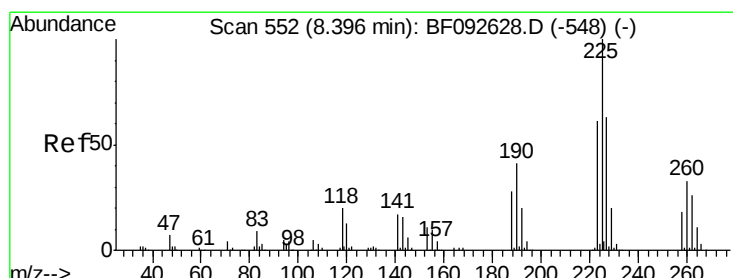
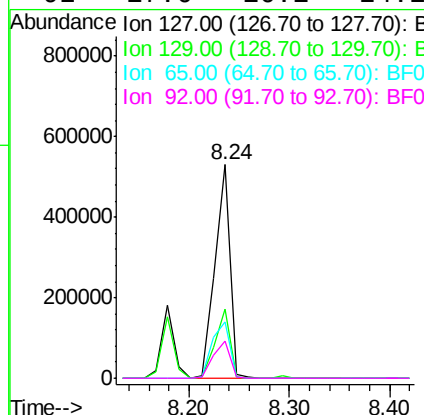
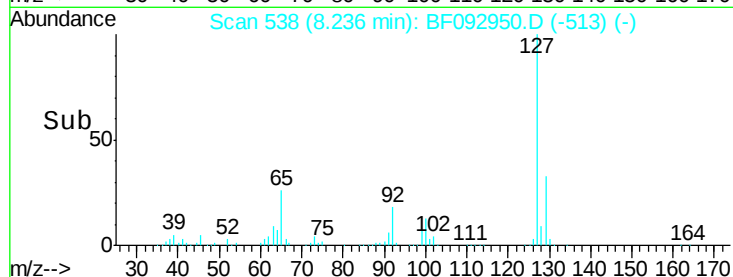
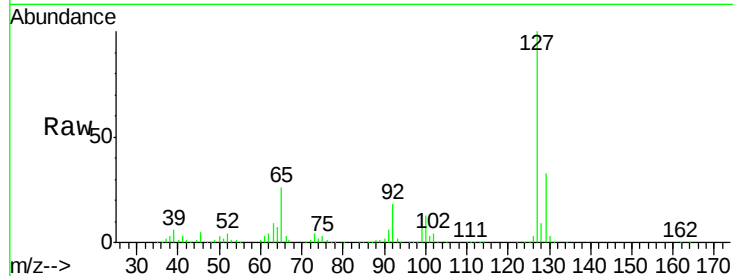
#33
4-Chloroaniline
Concen: 42.09 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	550733		
129	32.6	26.3	39.5	
65	26.2	25.8	38.8	
92	17.6	16.1	24.1	

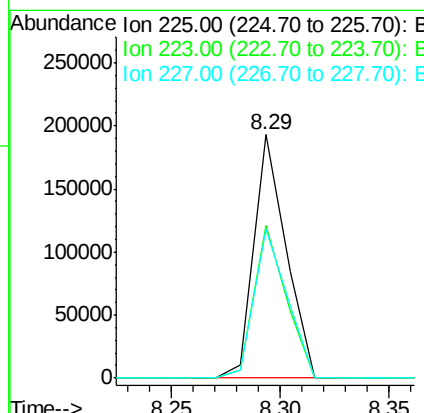
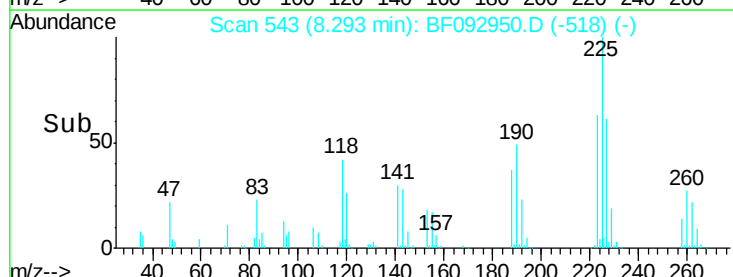
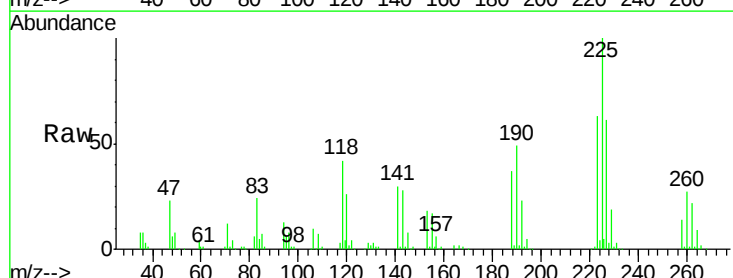
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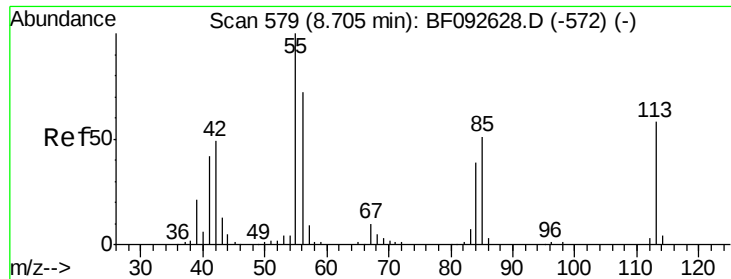
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#34
Hexachlorobutadiene
Concen: 35.37 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198132		
223	63.0	51.0	76.6	
227	61.0	50.6	76.0	





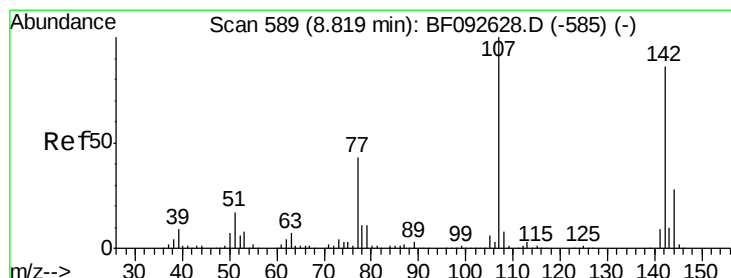
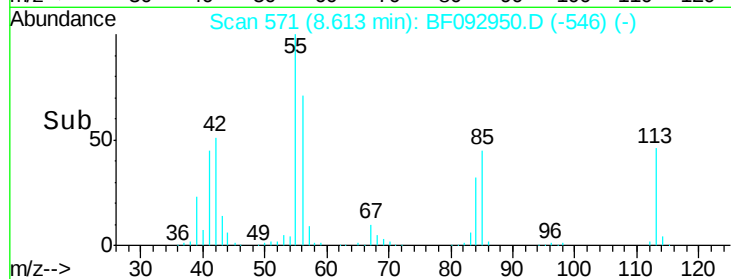
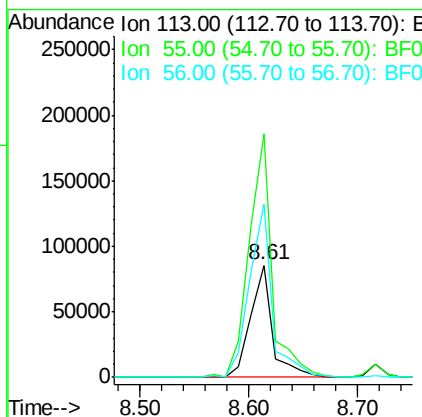
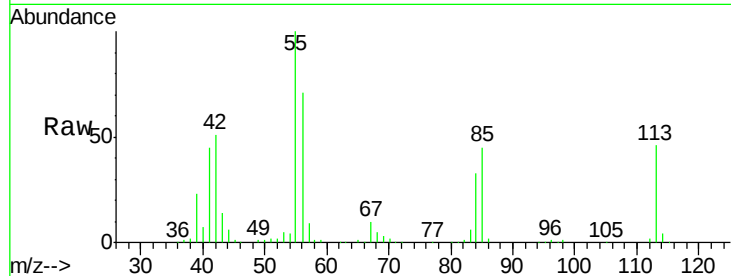
#35
 Caprolactam
 Concen: 40.43 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	217.5	119.2	159.2	
56	154.7	83.8	123.8	

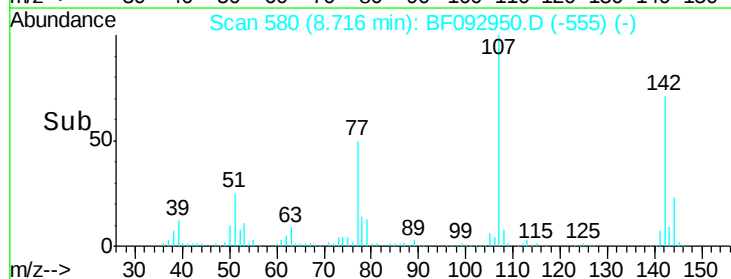
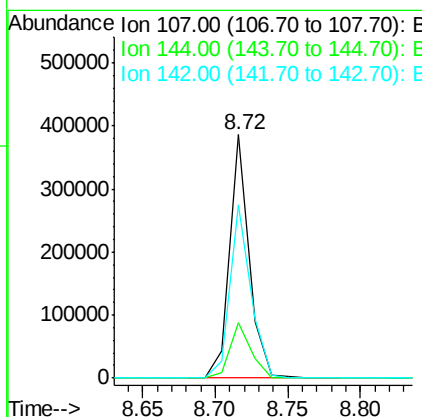
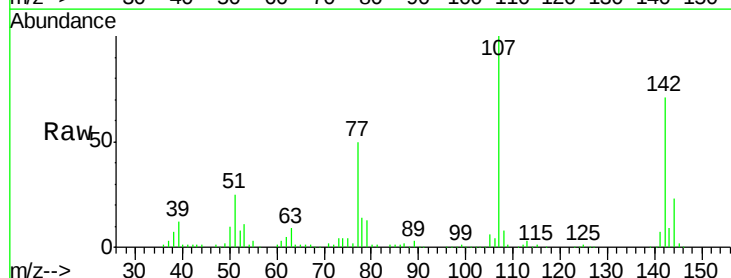
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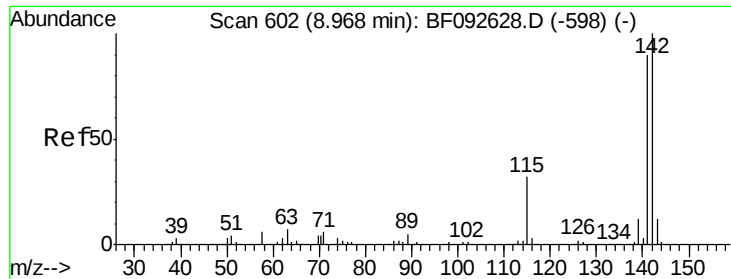
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#36
 4-Chloro-3-methylphenol
 Concen: 36.75 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.8	19.3	28.9	
142	71.2	59.0	88.6	





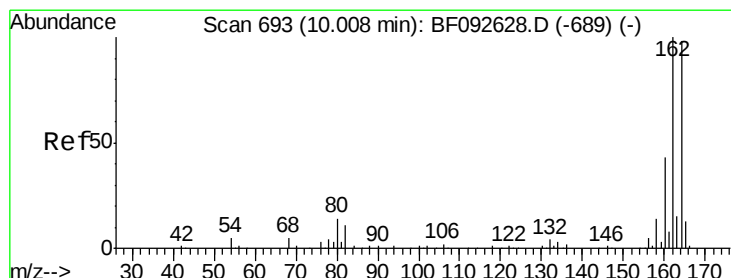
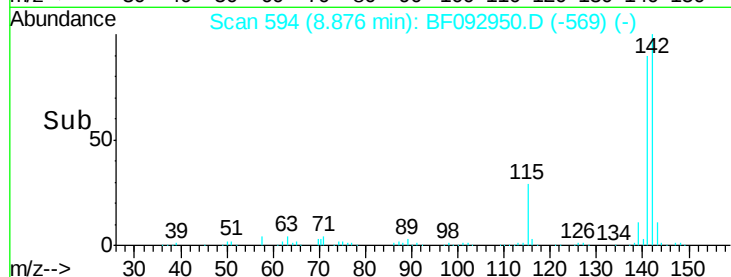
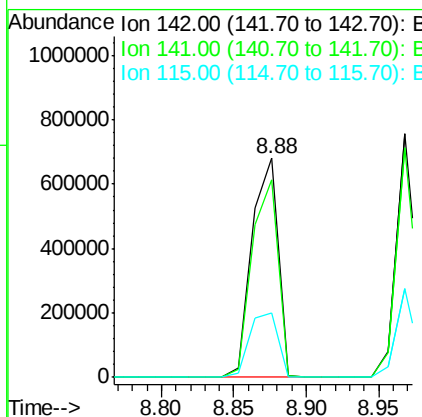
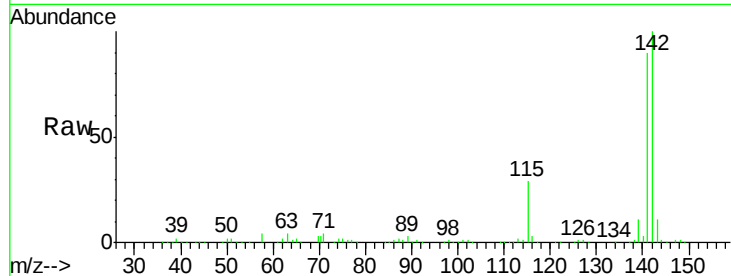
#37
2-Methylnaphthalene
Concen: 39.82 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	29.5	28.3	42.5

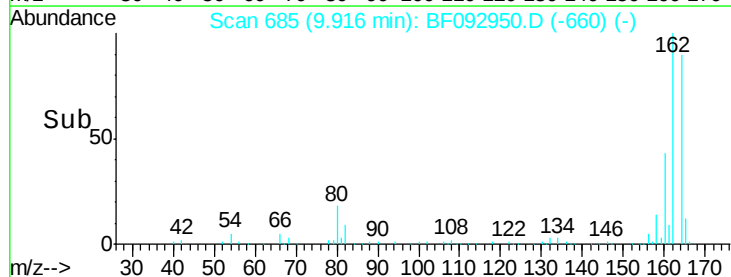
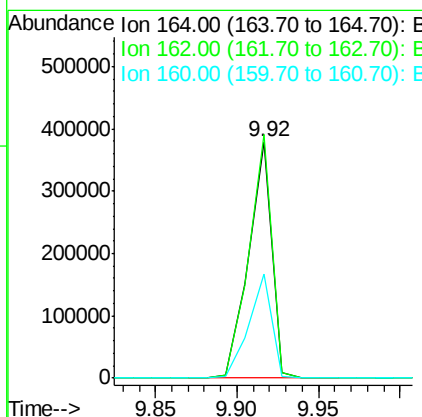
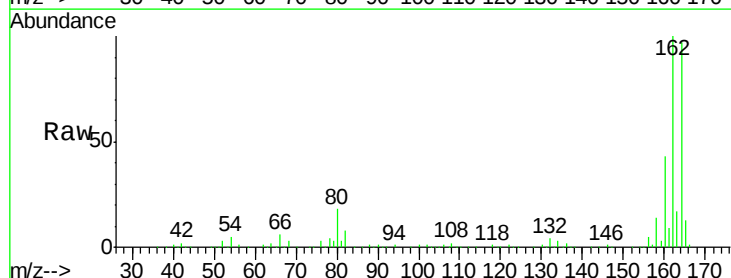
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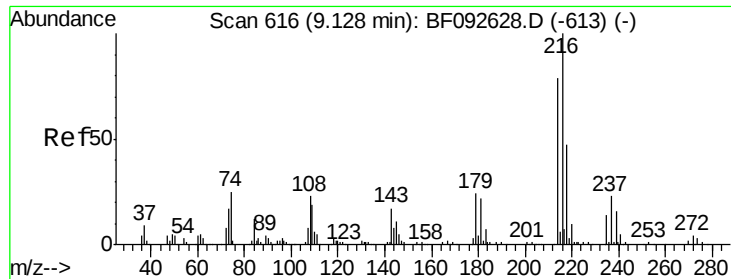
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.2	120.2
160	44.0	36.9	55.3





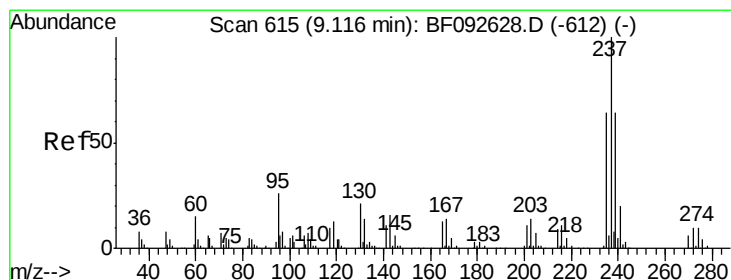
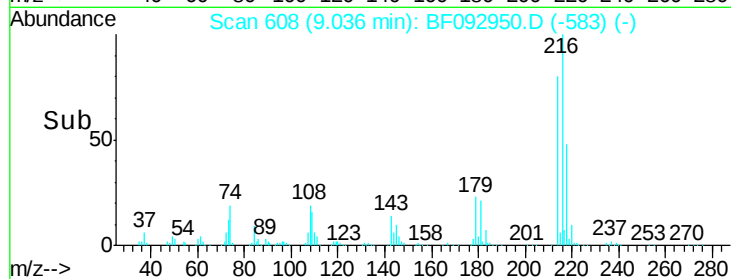
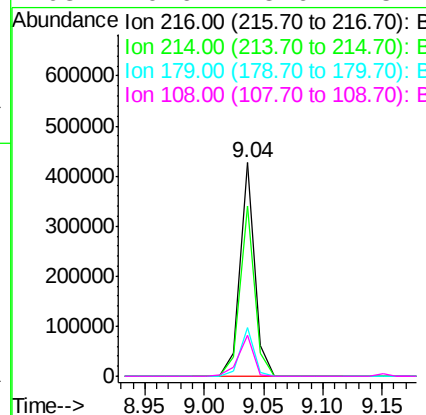
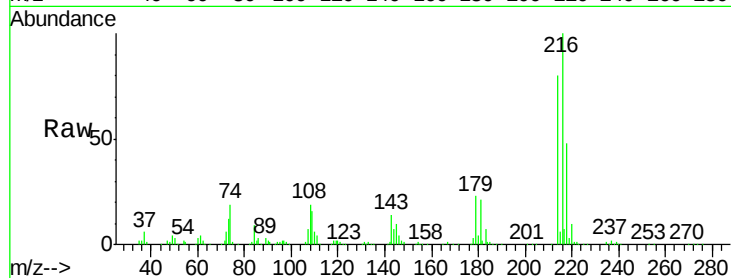
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.47 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:	216	Resp:	369424
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.0
179	21.8	17.4	26.2
108	19.6	15.6	23.4

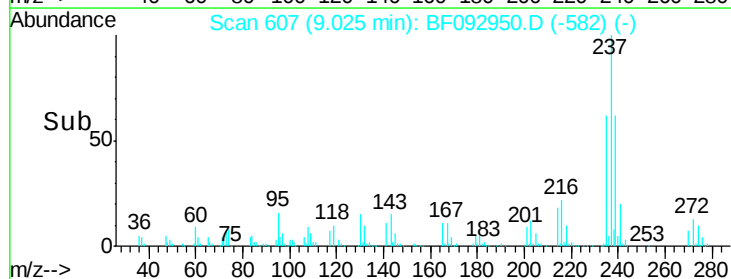
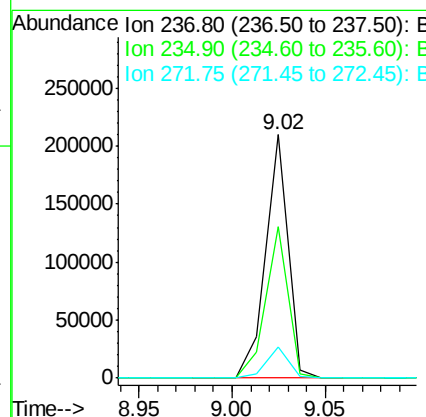
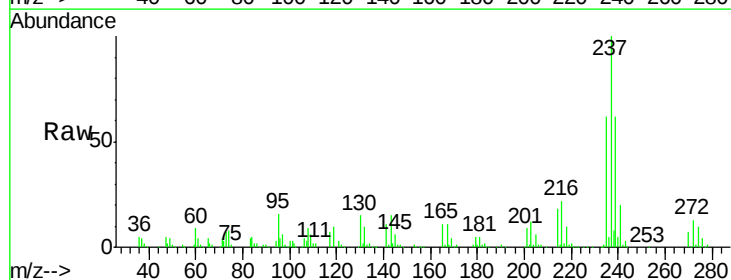
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#40
 Hexachlorocyclopentadiene
 Concen: 36.96 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:	237	Resp:	173676
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.2	81.2
272	12.5	0.0	35.4





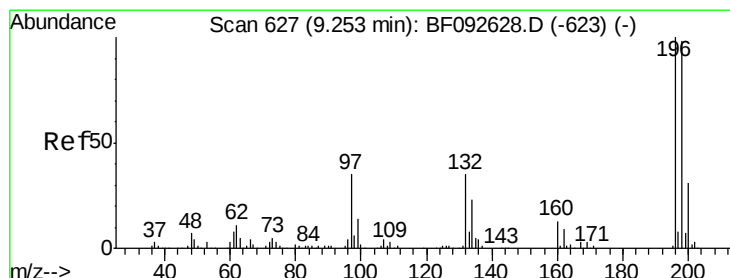
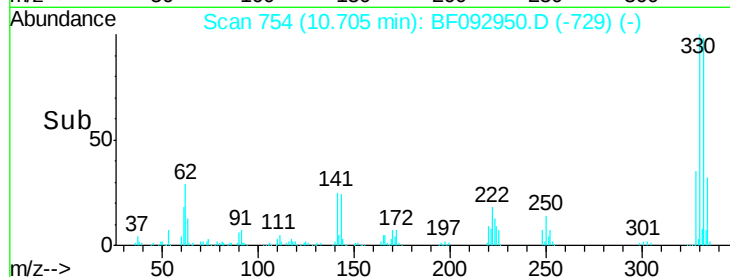
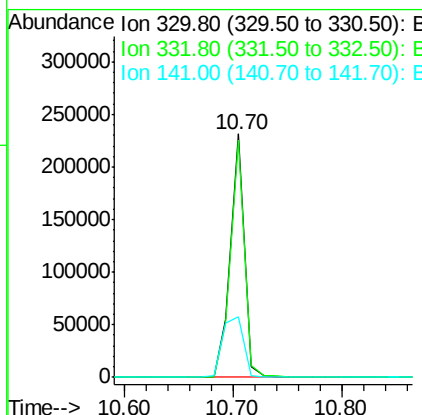
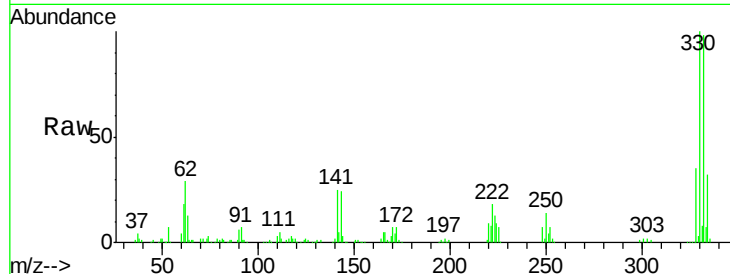
#41
 2,4,6-Tribromophenol
 Concen: 77.37 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207613		
332	97.4	77.4	116.2	
141	37.5	34.1	51.1	

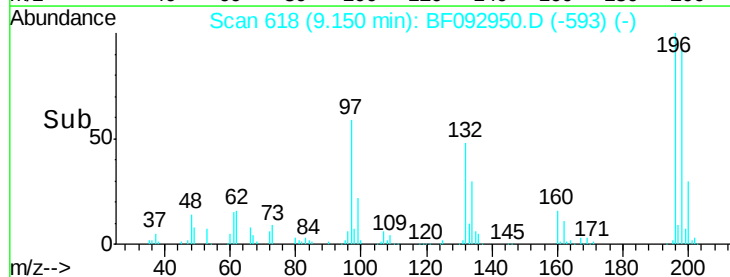
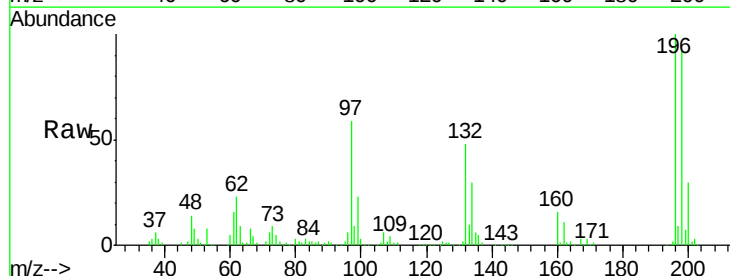
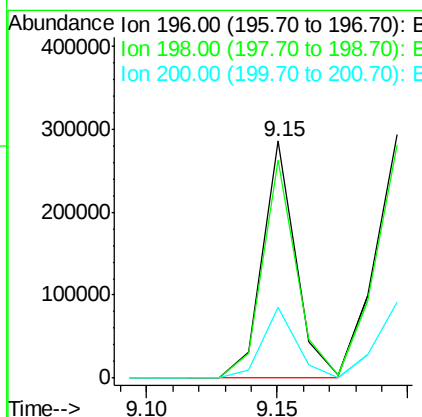
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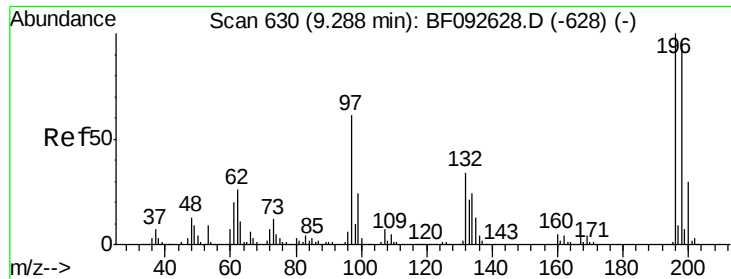
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#42
 2,4,6-Trichlorophenol
 Concen: 36.55 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	250119		
198	92.3	82.1	123.1	
200	29.8	27.0	40.4	





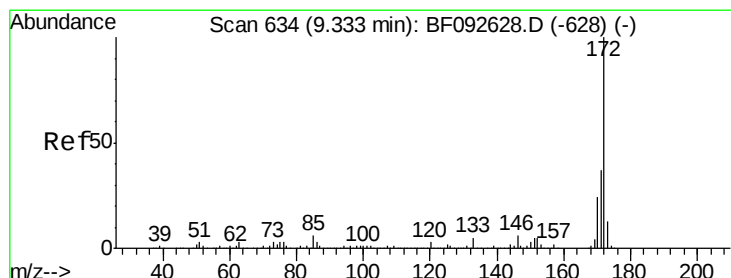
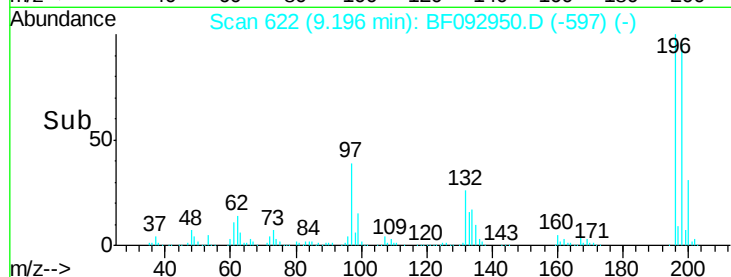
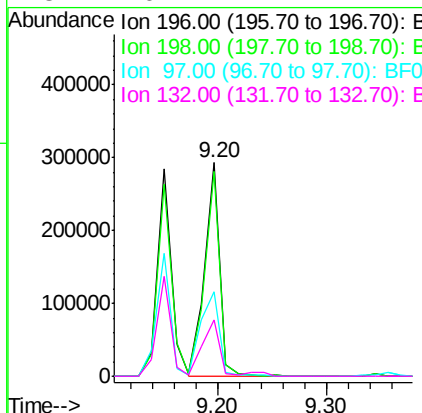
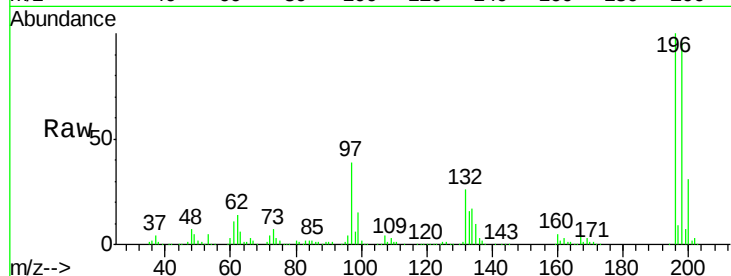
#43
 2,4,5-Trichlorophenol
 Concen: 37.96 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284599		
198	95.7	79.4	119.2	
97	39.5	51.5	77.3	
132	26.2	27.4	41.2	

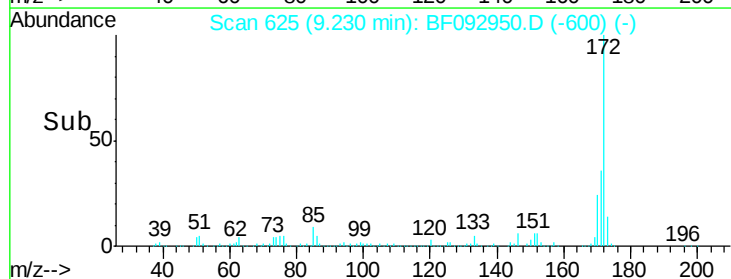
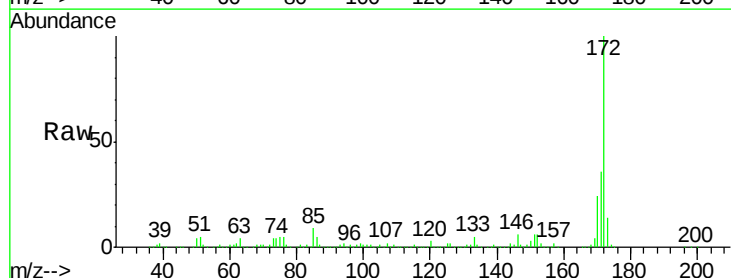
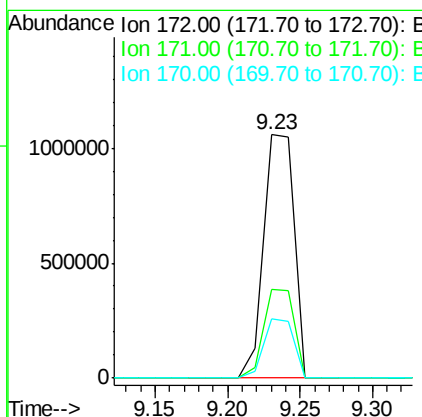
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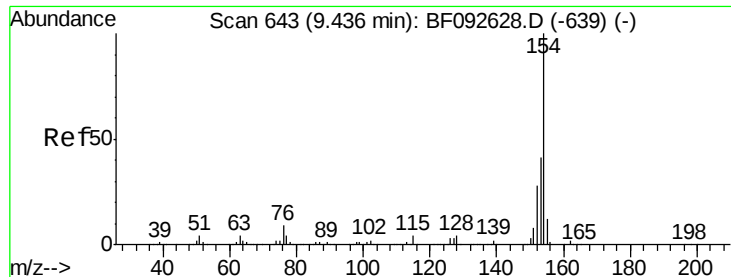
mohammad
 2/16/2017 11:40:04 AM



#44
 2-Fluorobiphenyl
 Concen: 75.17 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1539514		
171	36.4	29.4	44.0	
170	24.4	20.2	30.4	





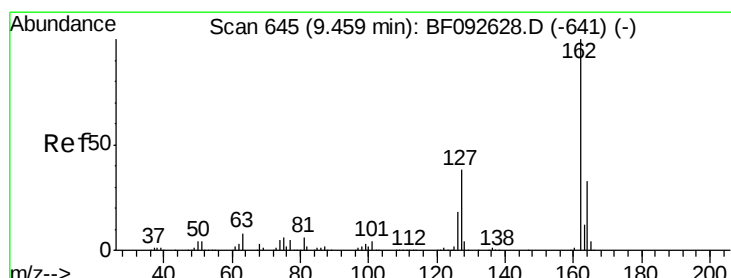
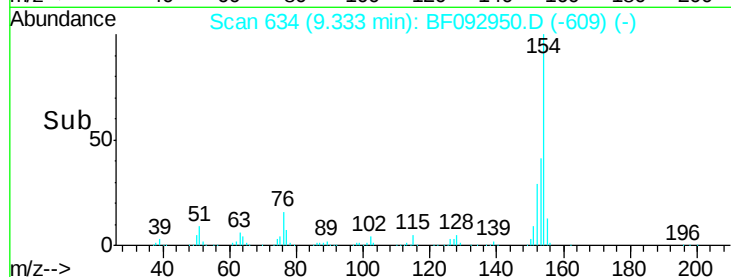
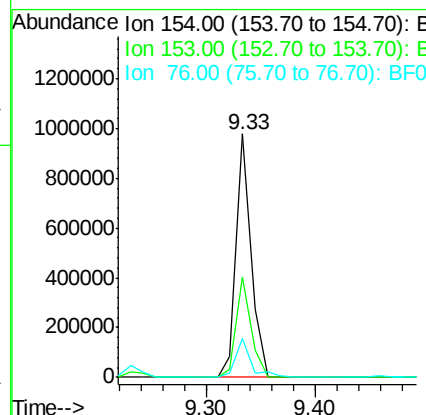
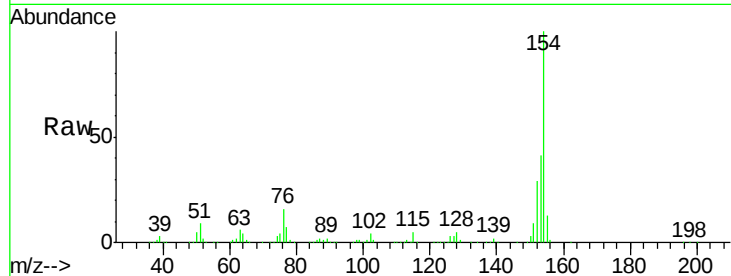
#45
 1,1'-Biphenyl
 Concen: 34.19 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	20.9	60.9	
76	16.2	0.0	30.5	

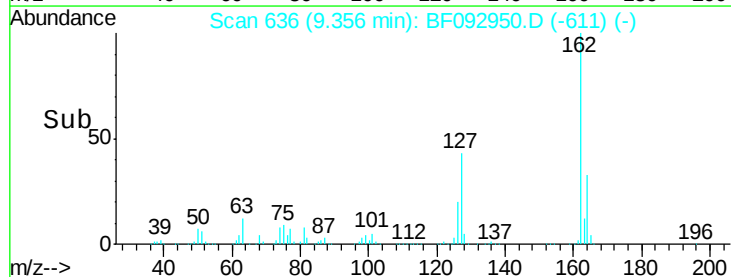
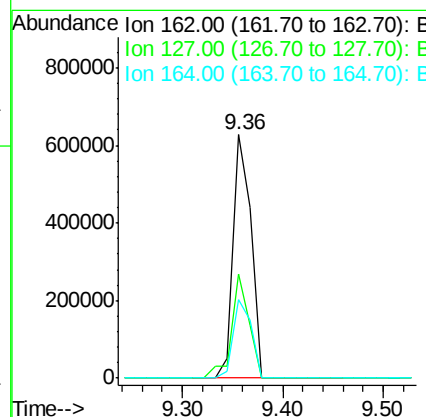
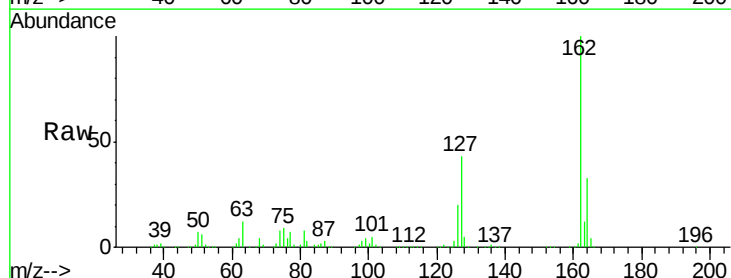
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#46
 2-Chloronaphthalene
 Concen: 36.77 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.7	30.7	46.1	
164	32.5	27.6	41.4	





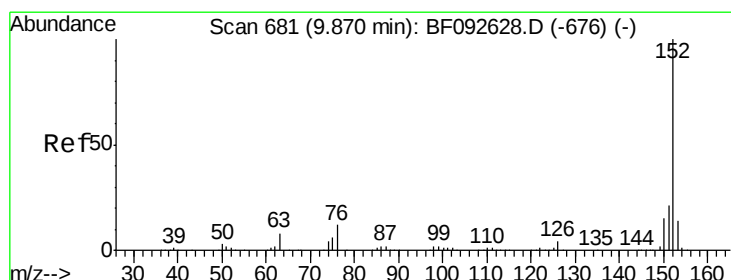
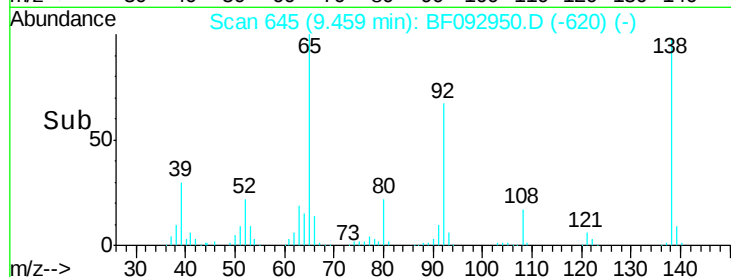
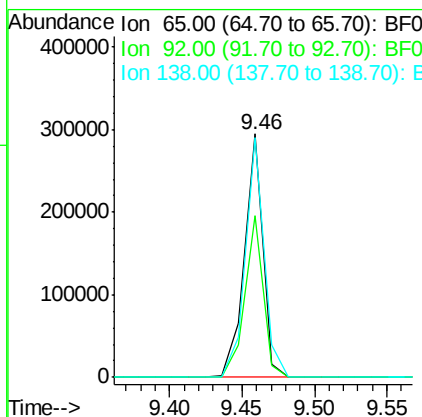
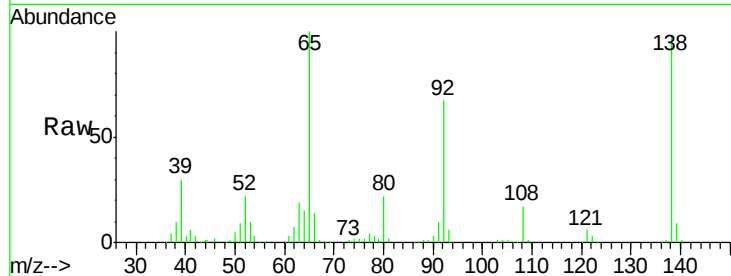
#47
2-Nitroaniline
Concen: 36.90 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.9	80.9
138	98.4	76.8	115.2

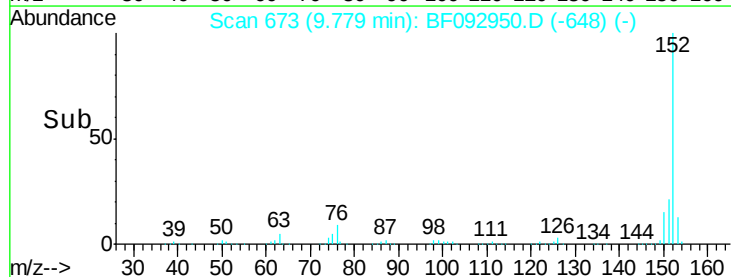
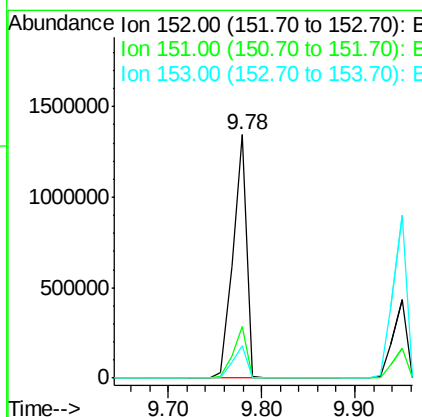
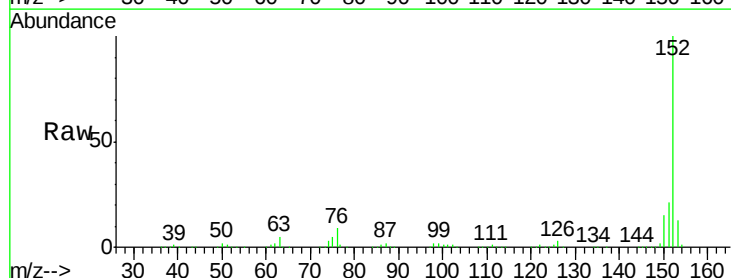
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APPROVED

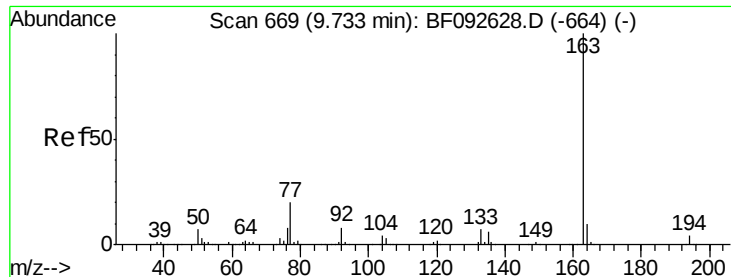
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#48
Acenaphthylene
Concen: 38.07 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.2	11.4	17.2





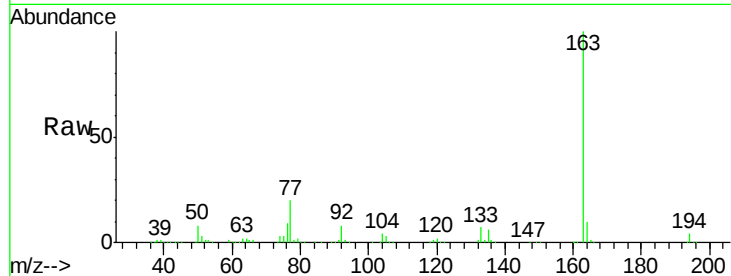
#49
Dimethylphthalate
Concen: 36.93 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

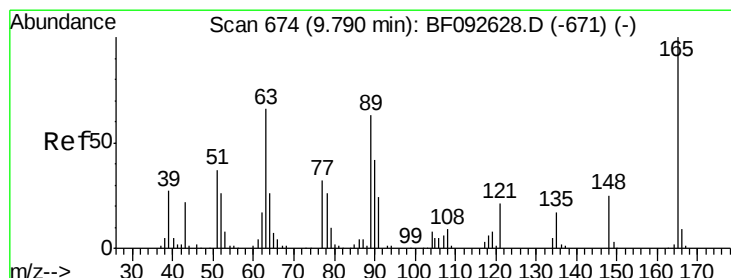
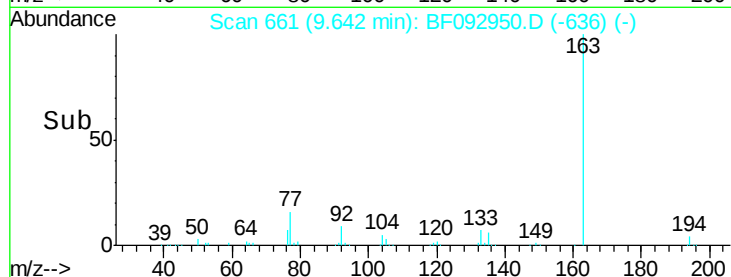
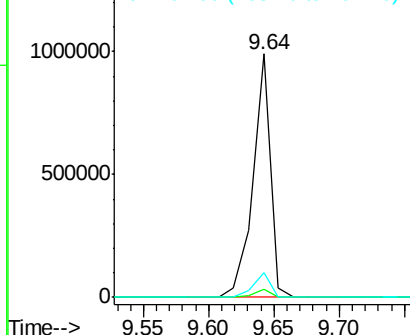
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.0	4.4
164	10.4	8.0	12.0

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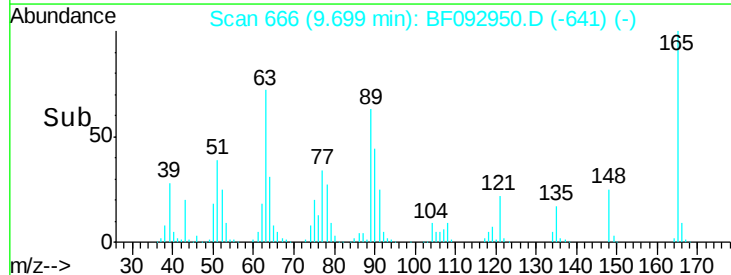
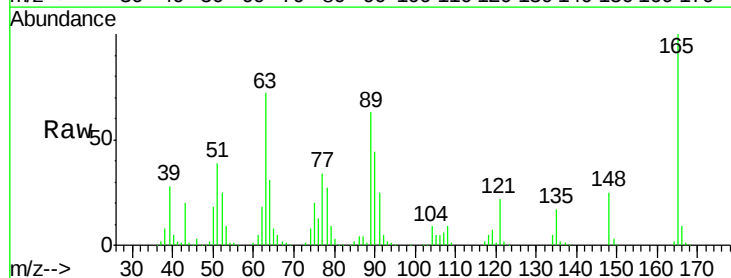
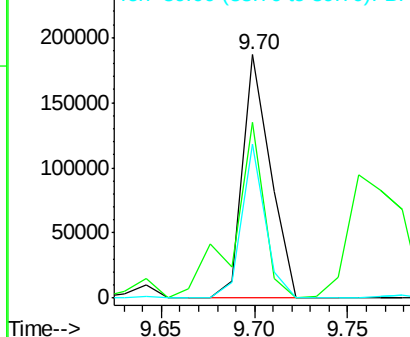
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 35.92 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.1	36.2	54.4#
89	63.4	40.2	60.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





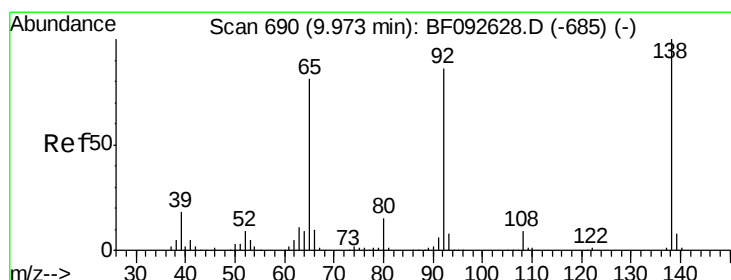
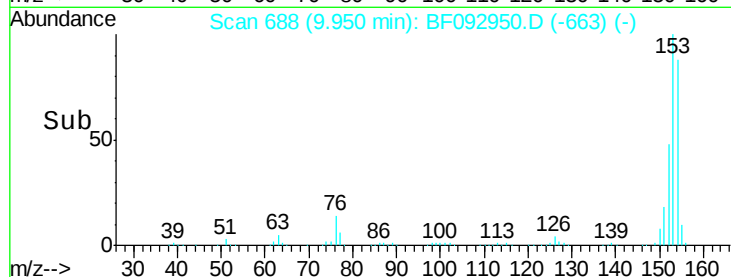
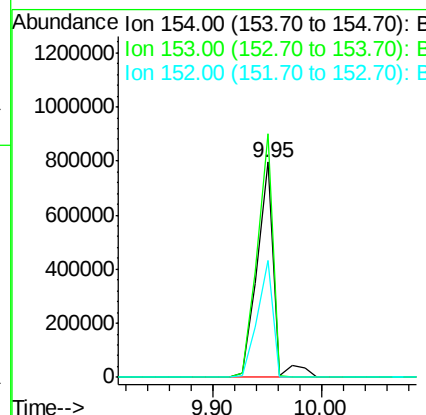
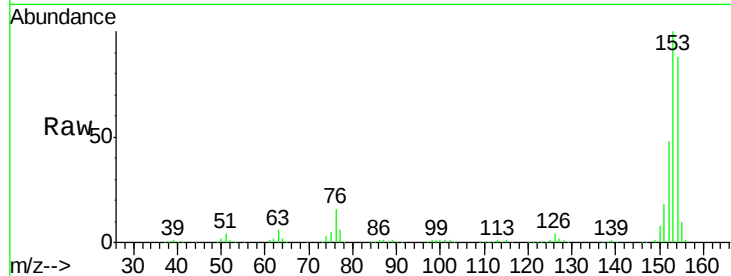
#51
Acenaphthene
Concen: 39.42 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.6	133.0
152	54.2	41.6	62.4

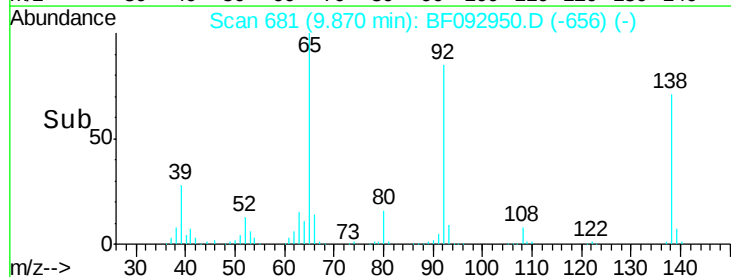
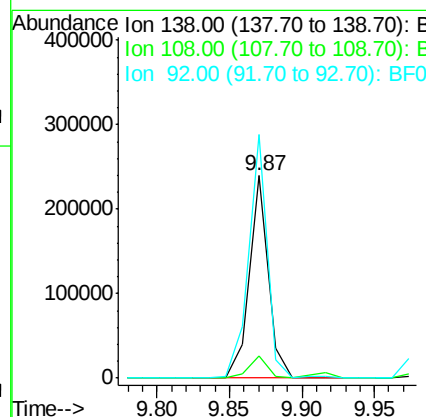
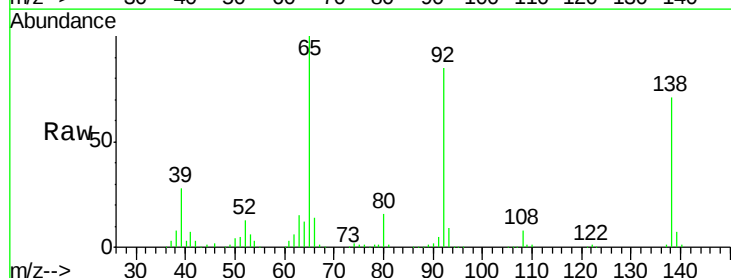
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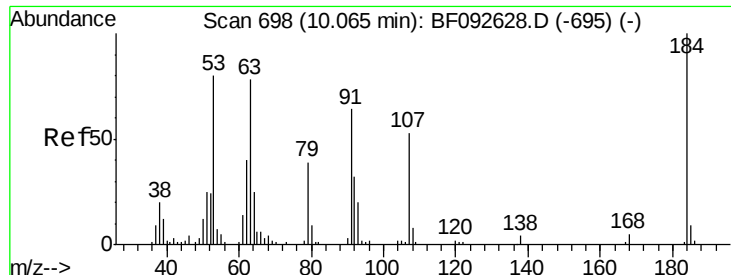
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#52
3-Nitroaniline
Concen: 35.21 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.5	12.7
92	120.3	97.8	146.8





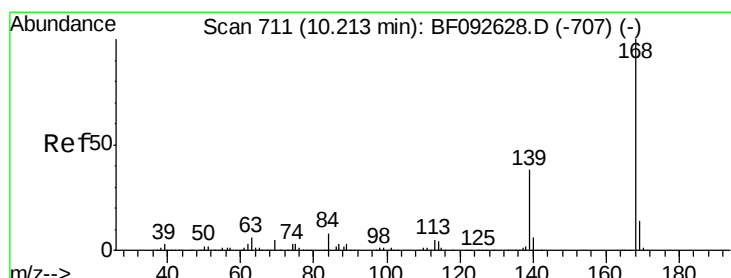
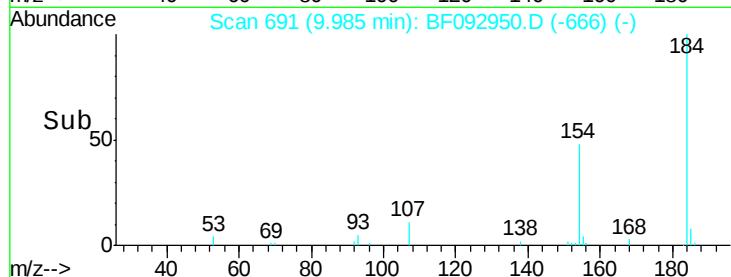
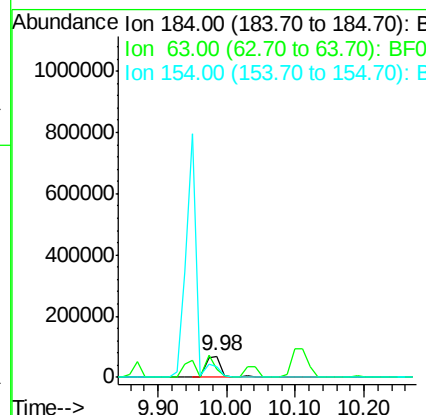
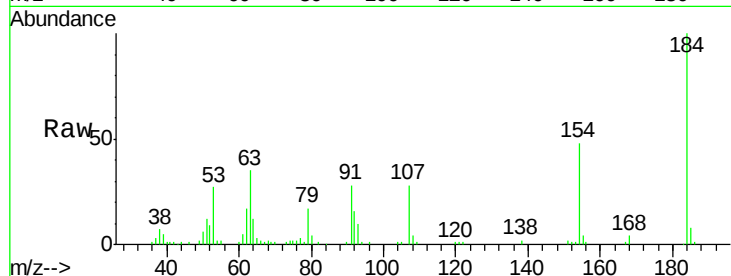
#53
2,4-Dinitrophenol
Concen: 41.43 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	107083		
63	34.8	28.4	42.6	
154	48.2	44.3	66.5	

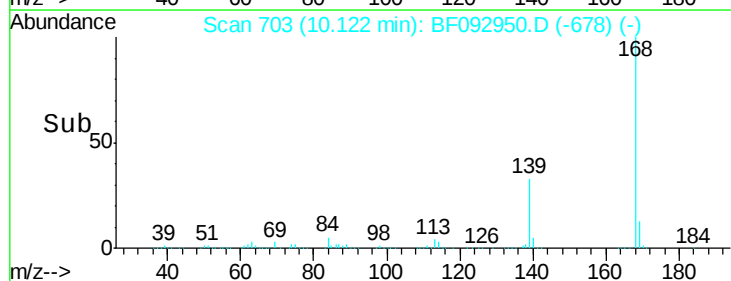
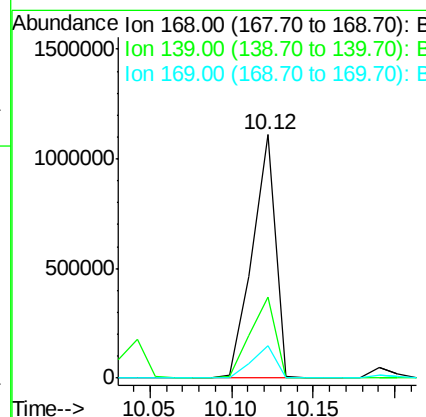
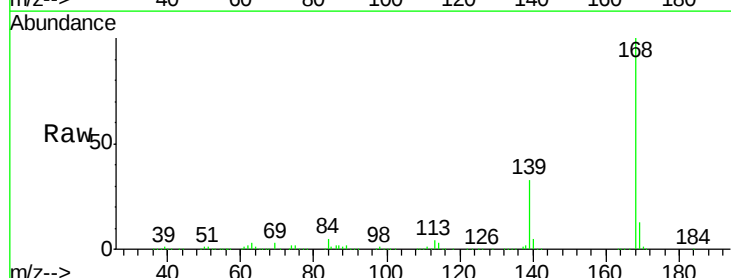
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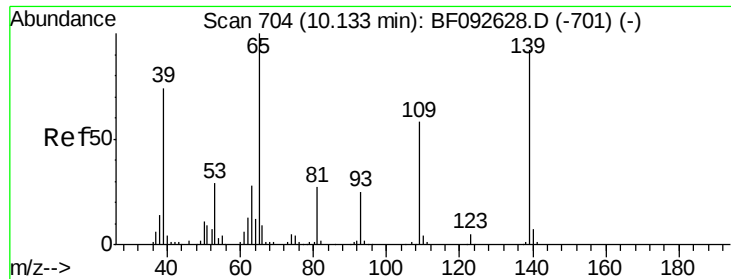
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#54
Dibenzofuran
Concen: 37.82 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1098081		
139	33.2	32.6	49.0	
169	13.4	11.3	16.9	





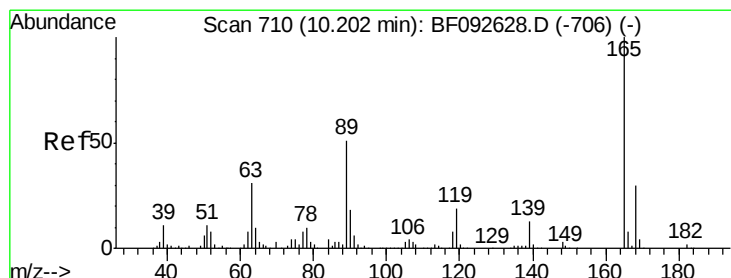
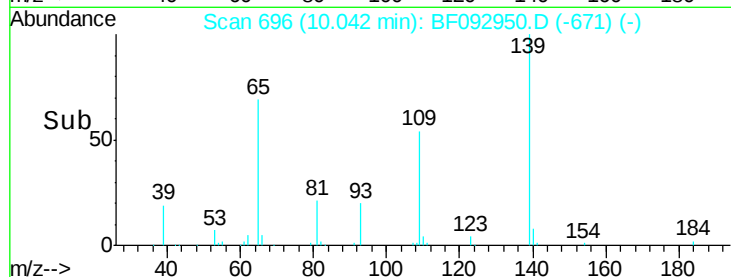
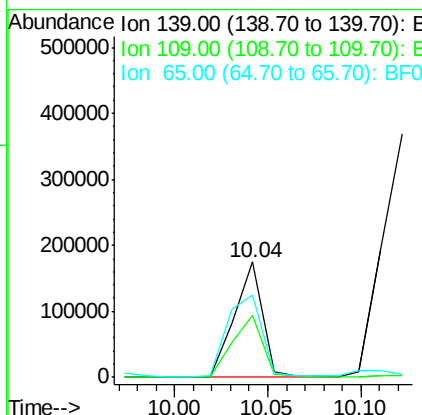
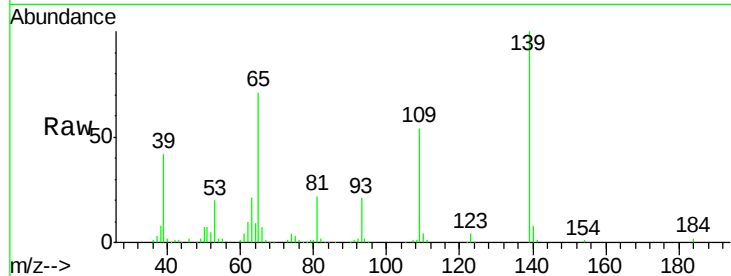
#55
4-Nitrophenol
Concen: 42.06 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
139	100		
109	54.3	52.2	92.2
65	71.5	85.8	125.8

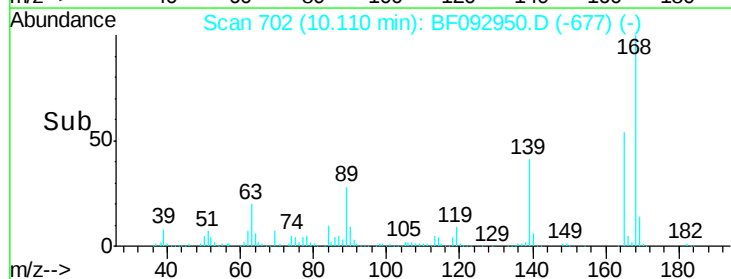
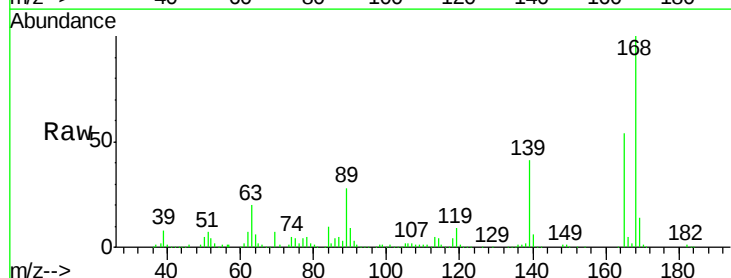
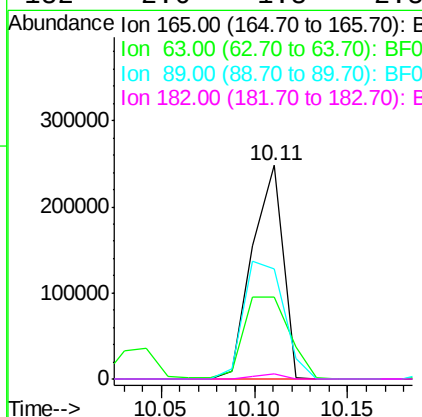
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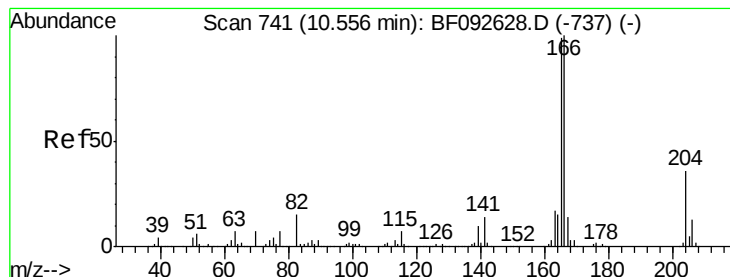
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#56
2,4-Dinitrotoluene
Concen: 39.45 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.2	40.2	60.4
89	51.4	62.5	93.7
182	2.6	1.8	2.8





#57

Fluorene

Concen: 39.83 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

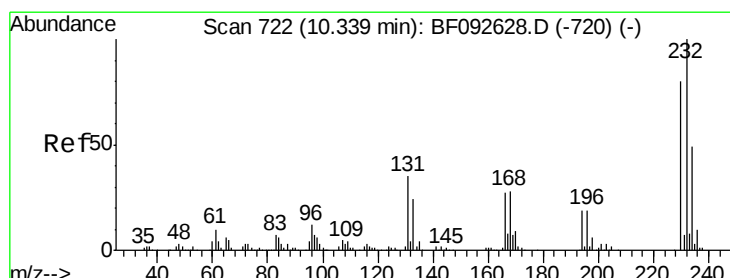
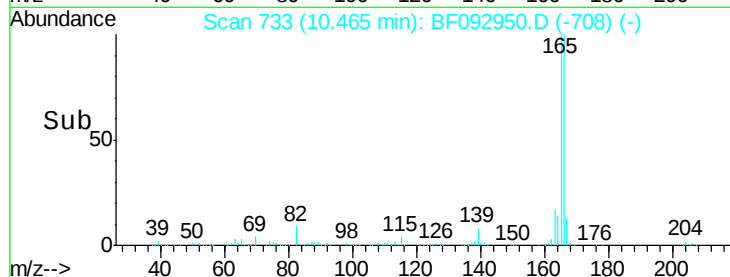
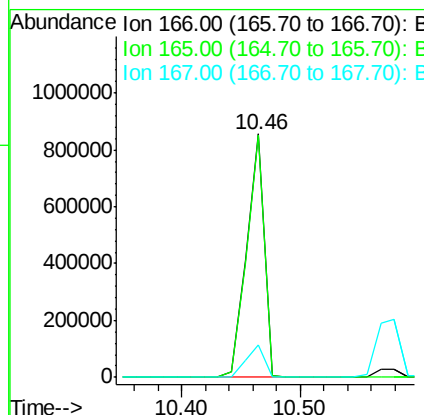
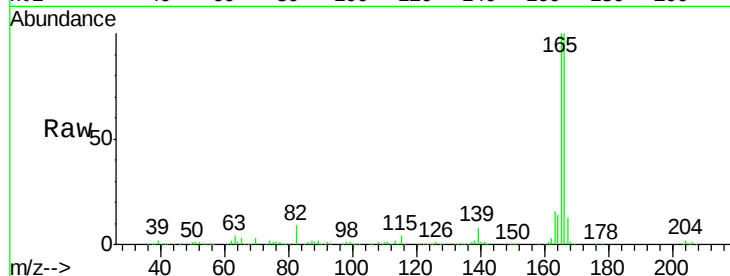
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	889739		
165	99.7	77.8	116.8	
167	13.2	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.58 ng

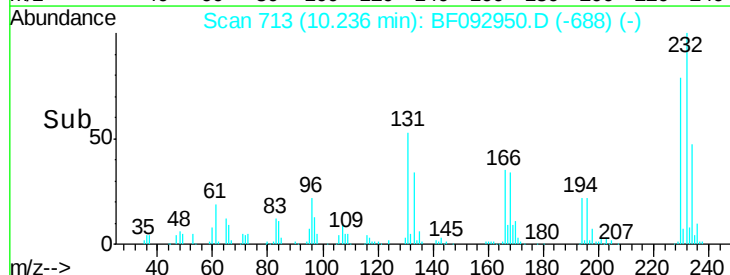
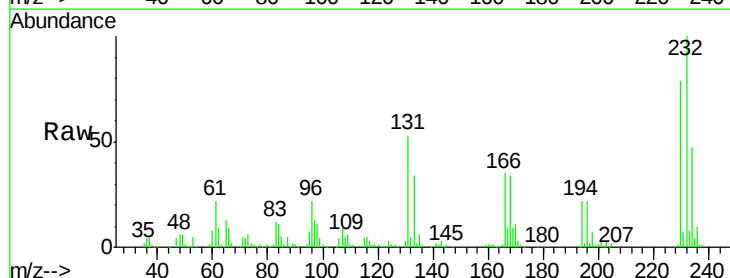
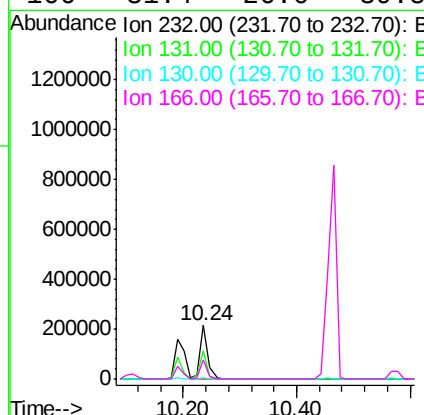
RT: 10.24 min Scan# 713

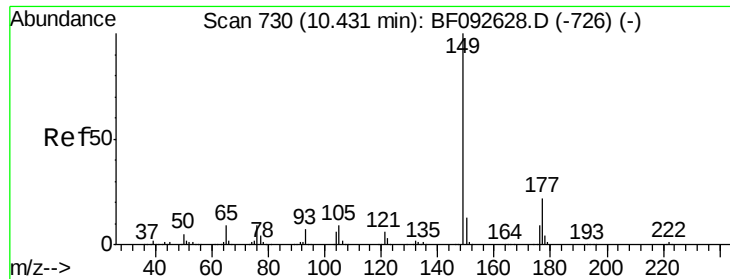
Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	202968		
131	48.8	40.1	60.1	
130	2.2	1.8	2.8	
166	31.4	26.6	39.8	





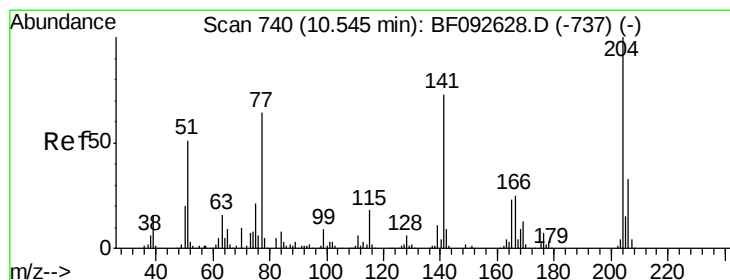
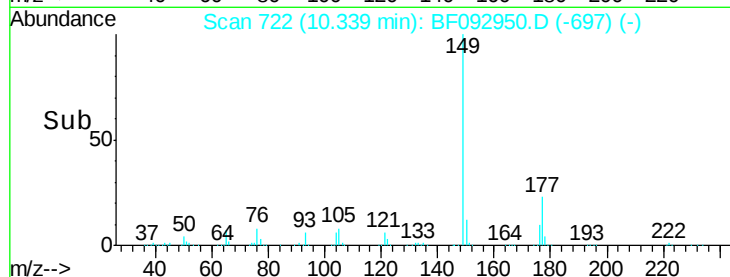
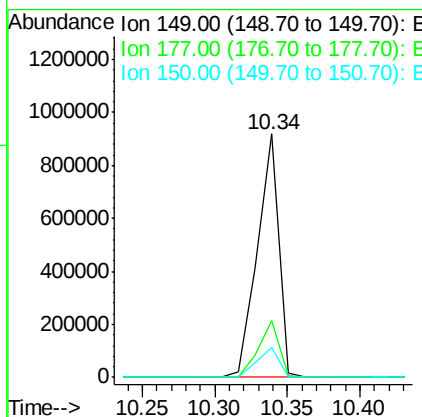
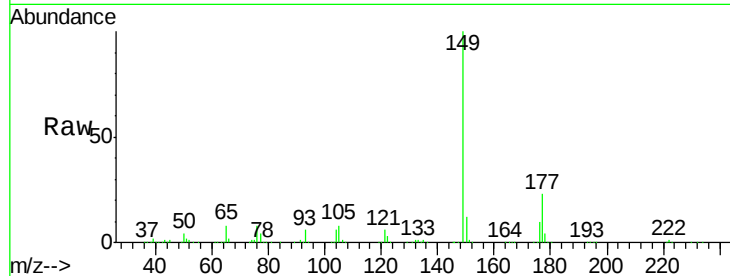
#59
Diethylphthalate
Concen: 39.87 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	16.6	25.0
150	12.3	10.4	15.6

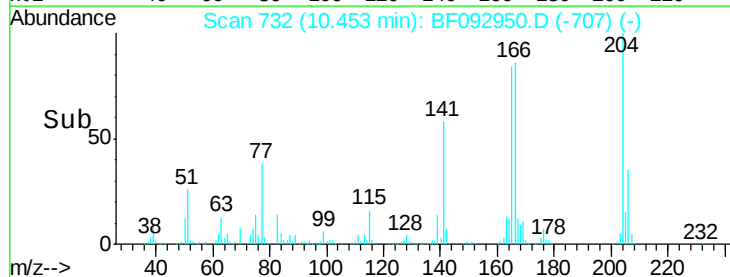
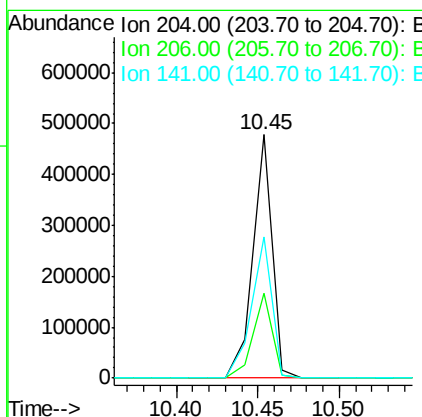
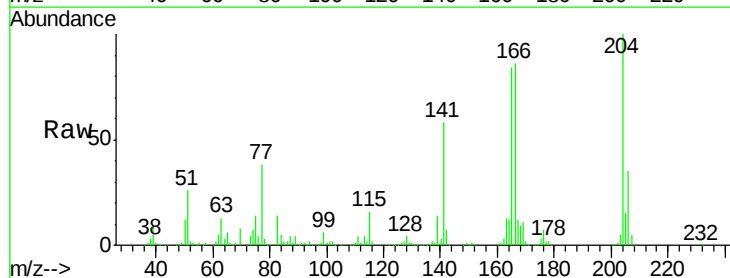
Manual Integrations
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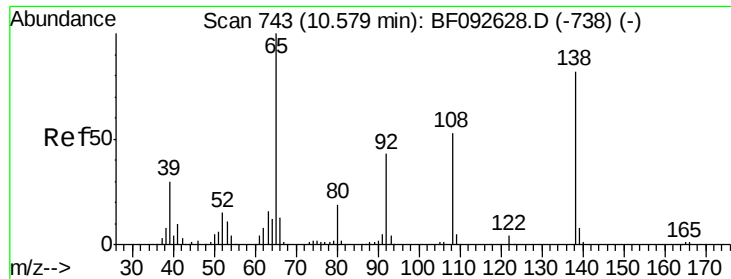
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 36.55 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	25.8	38.6
141	57.8	59.4	89.0#





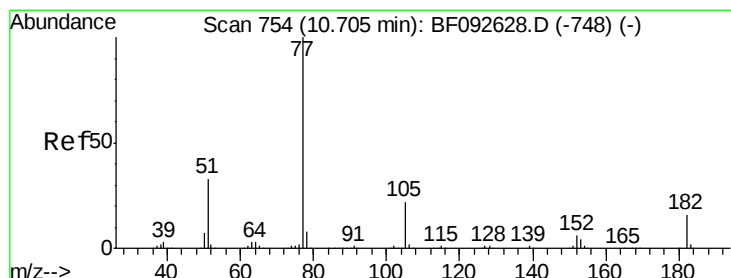
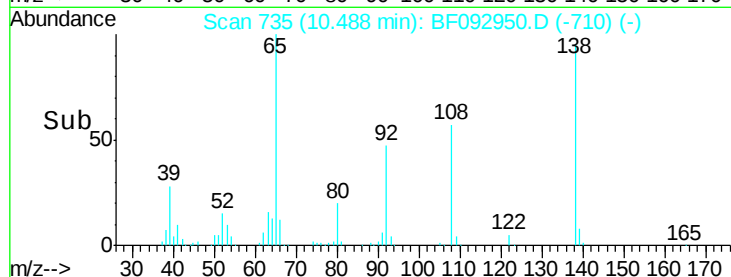
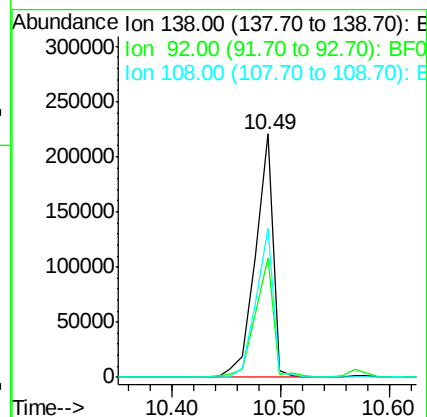
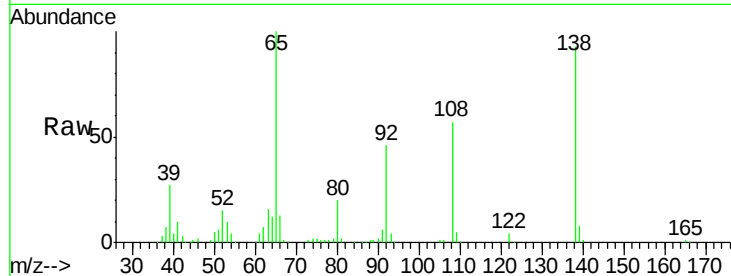
#61
4-Nitroaniline
Concen: 39.70 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	251143		
92	49.2	31.7	71.7	
108	61.4	52.6	92.6	

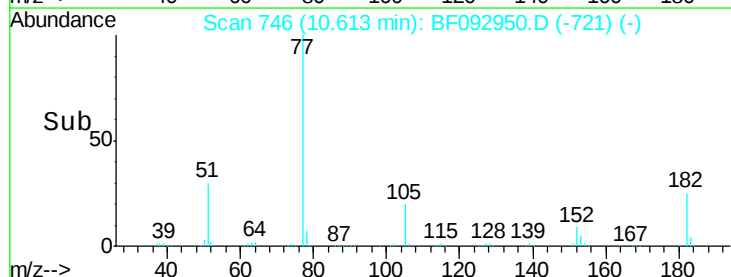
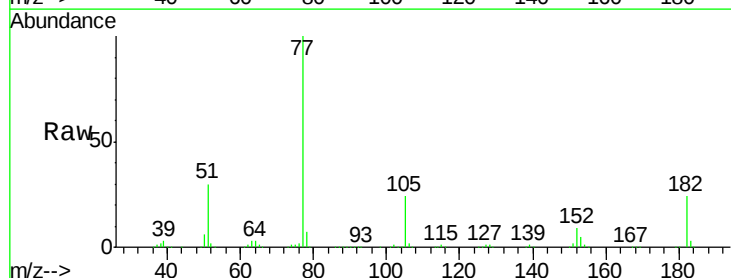
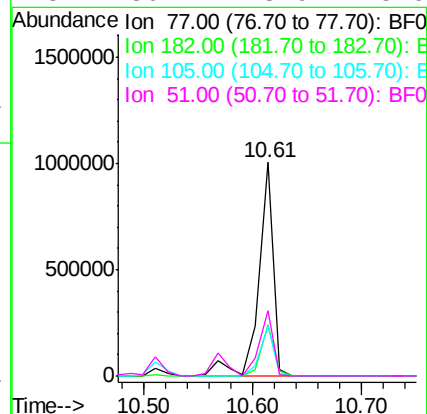
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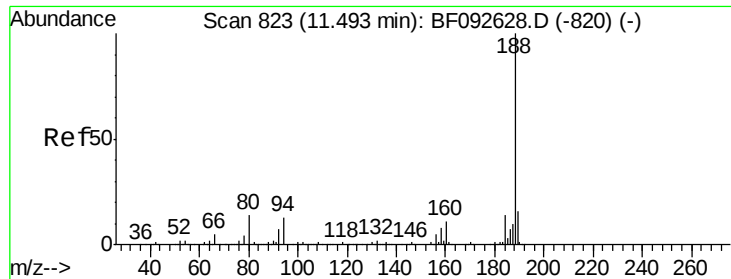
mohammad
2/16/2017 11:40:04 AM



#62
Azobenzene
Concen: 39.23 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	954413		
182	24.0	0.0	39.3	
105	23.7	2.3	42.3	
51	30.4	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

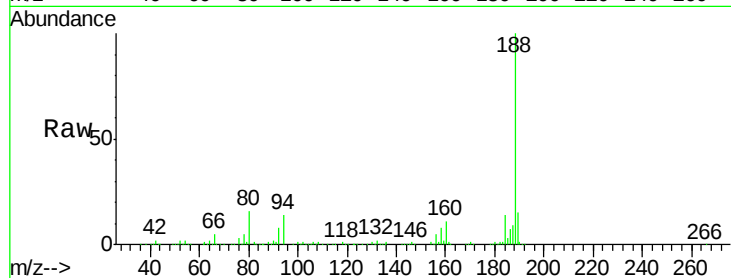
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	575587
Ion Ratio	Lower	Upper	
188	100		
94	14.5	10.0	15.0
80	16.3	11.2	16.8

Manual Integrations
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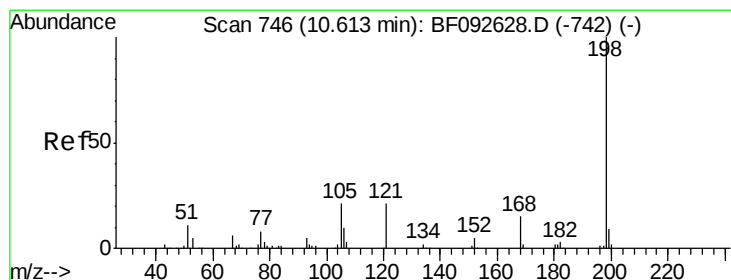
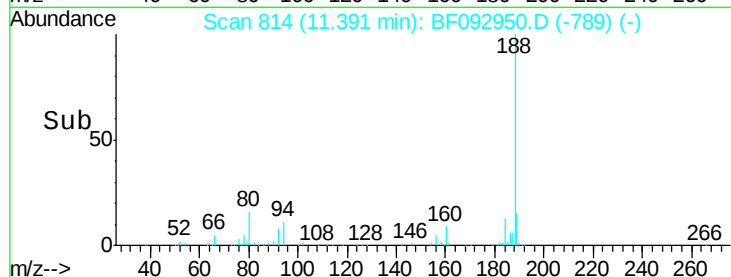
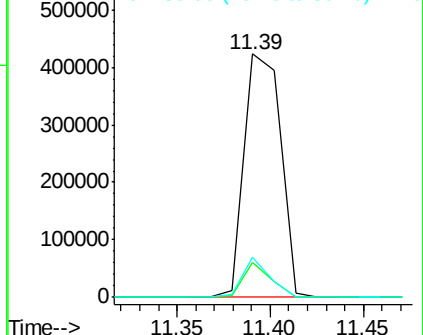
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.33 ng

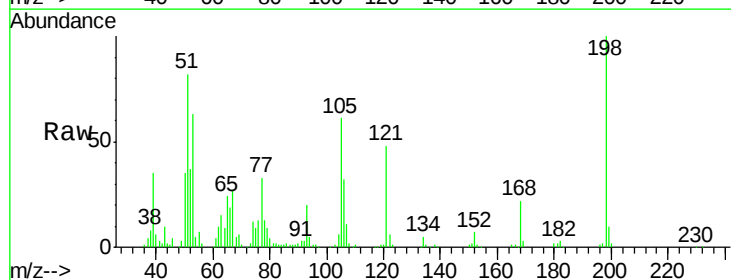
RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

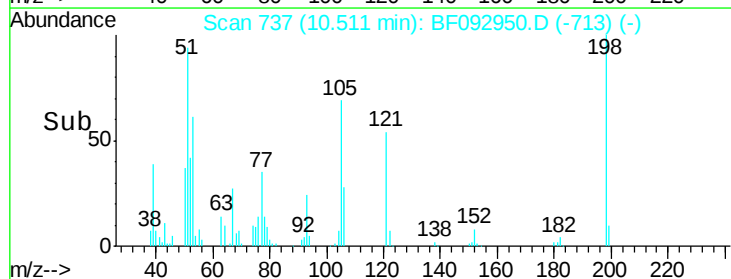
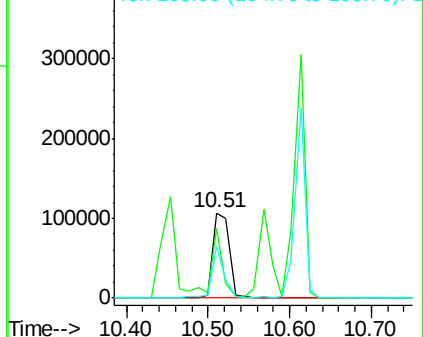
Tgt Ion:	198	Resp:	150833
Ion Ratio	Lower	Upper	
198	100		
51	81.9	6.7	46.7#
105	60.6	16.6	56.6#

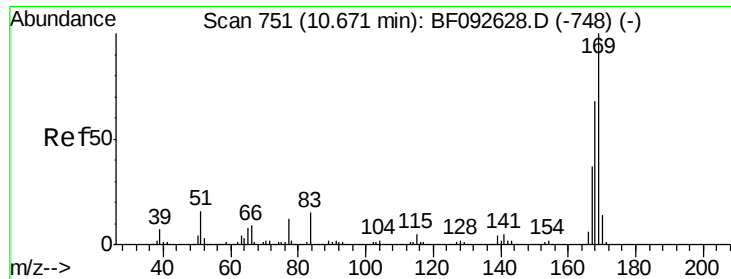


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





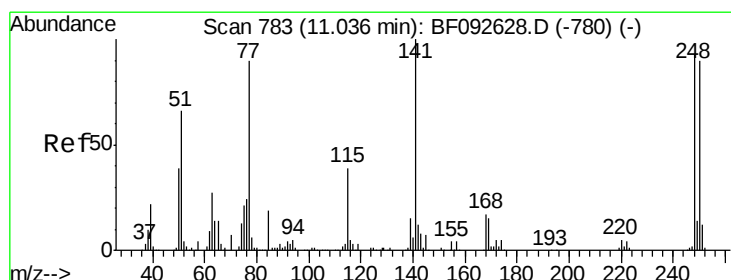
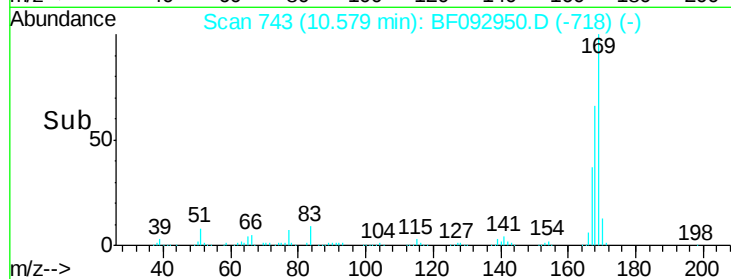
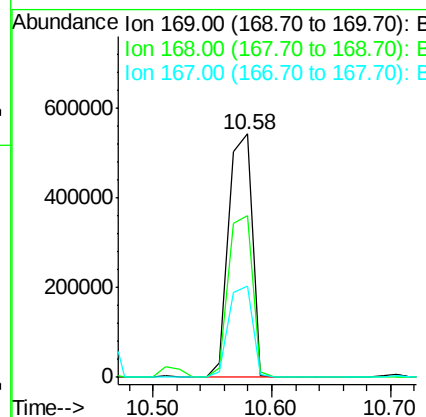
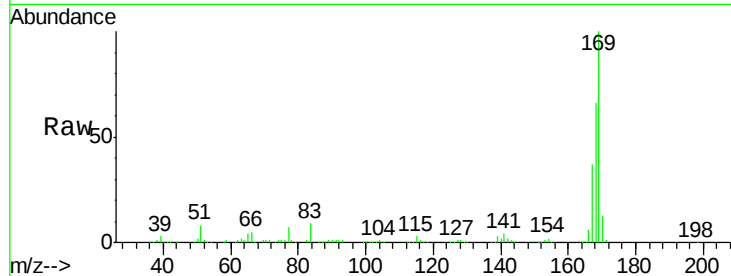
#65
n-Nitrosodiphenylamine
Concen: 40.42 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	743277		
168	66.5	54.2	81.2	
167	37.3	30.2	45.4	

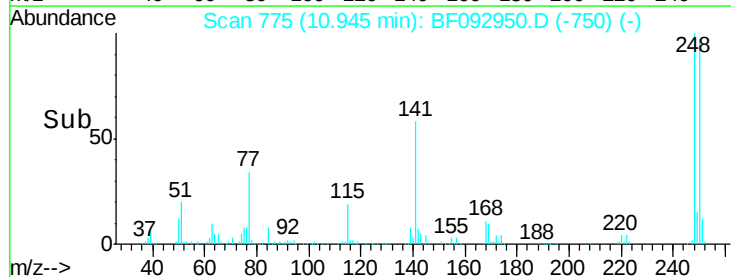
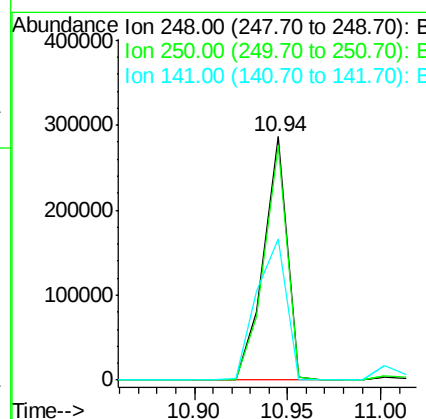
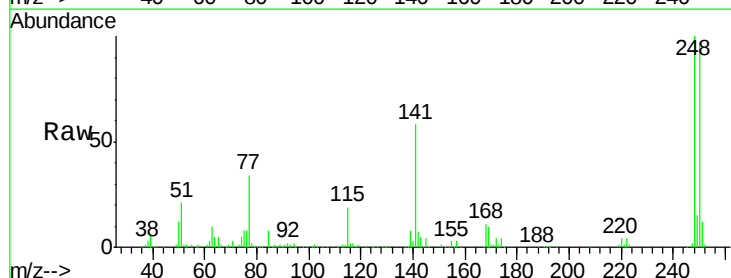
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#66
4-Bromophenyl-phenylether
Concen: 42.36 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	254715		
250	96.6	76.9	115.3	
141	58.1	68.2	102.4	





#67

Hexachlorobenzene

Concen: 40.95 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

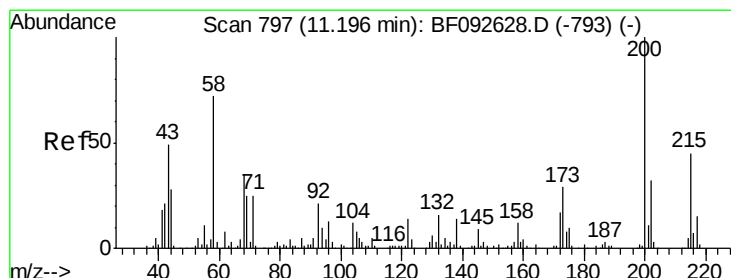
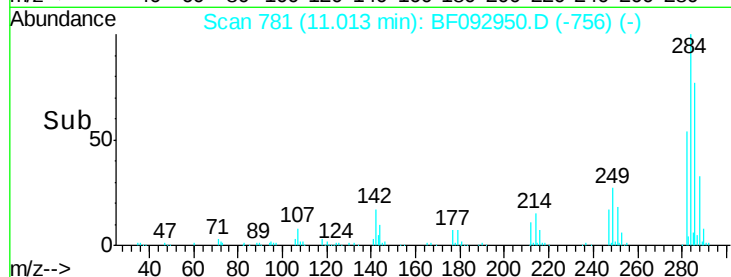
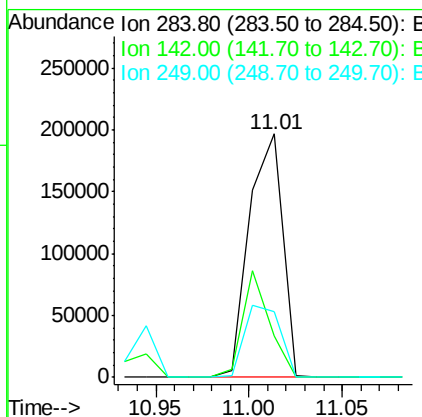
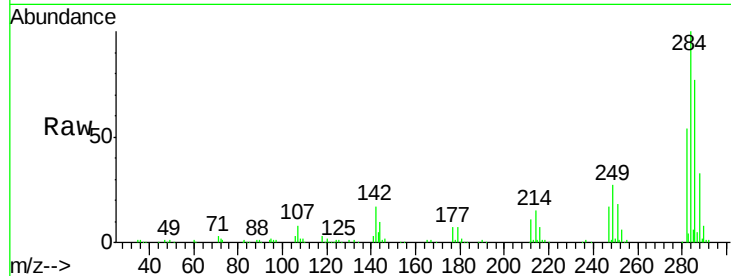
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	243365		
142	17.0	22.6	33.8#	
249	27.2	25.4	38.0	

Manual Integrations
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#68

Atrazine

Concen: 44.33 ng

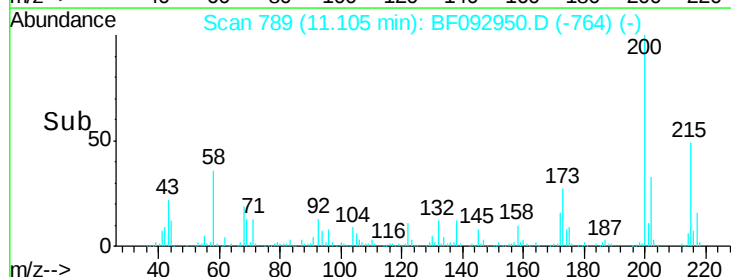
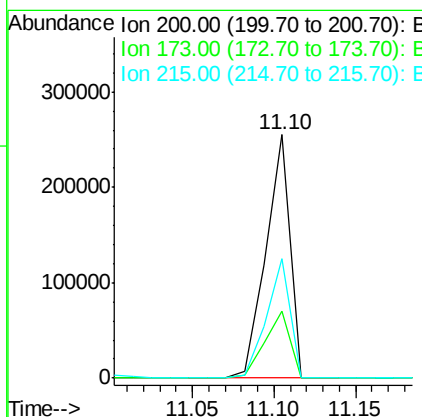
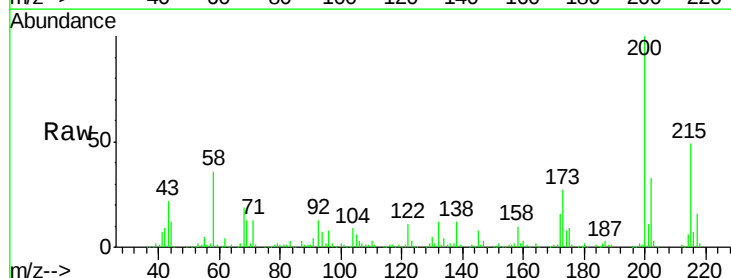
RT: 11.10 min Scan# 789

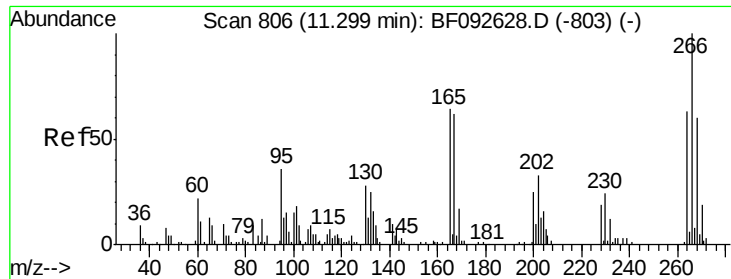
Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	261599		
173	27.4	9.6	49.6	
215	49.3	25.7	65.7	





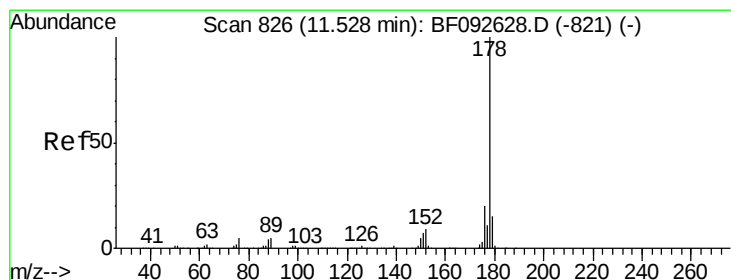
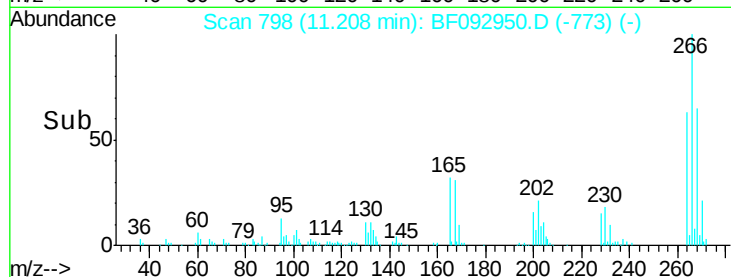
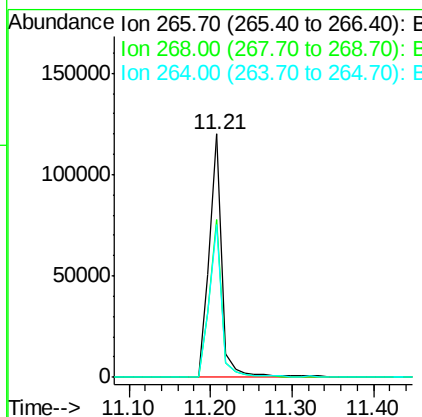
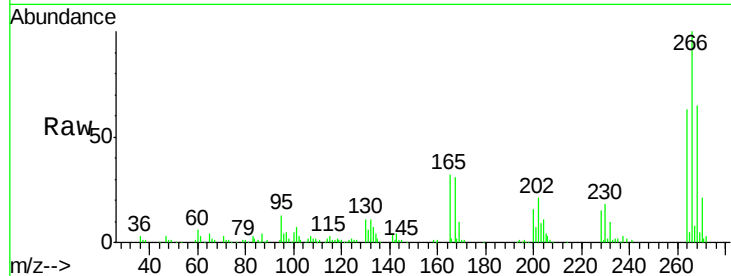
#69
 Pentachlorophenol
 Concen: 47.25 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.3	79.9
264	62.5	50.3	75.5

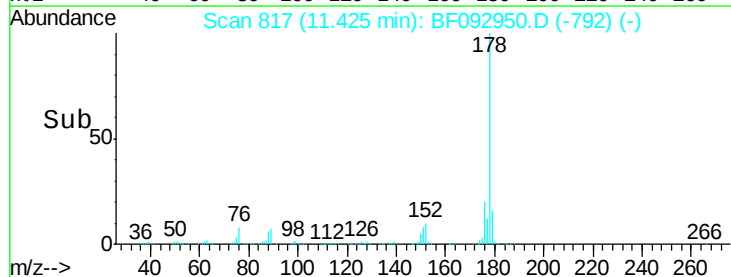
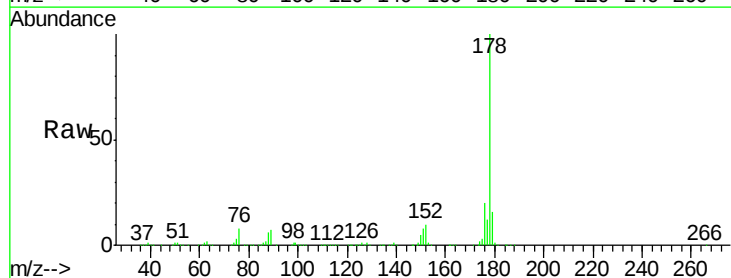
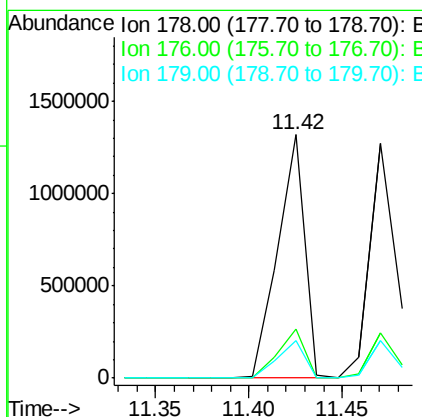
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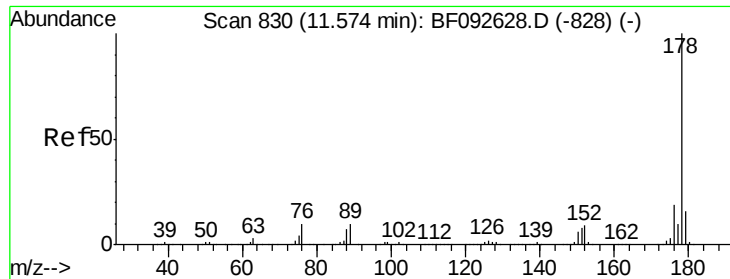
mohammad
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#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.7	12.8	19.2





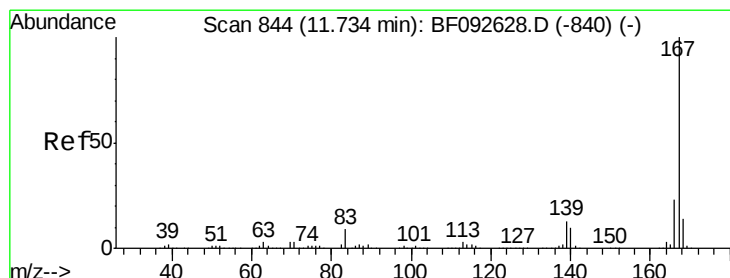
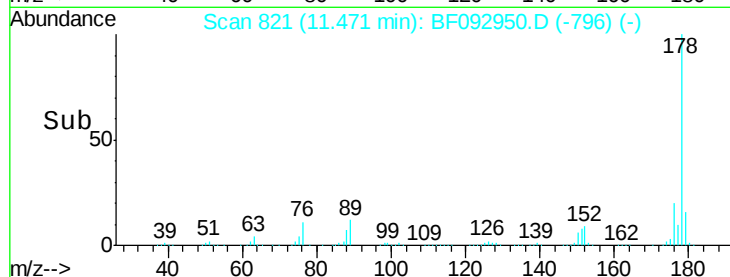
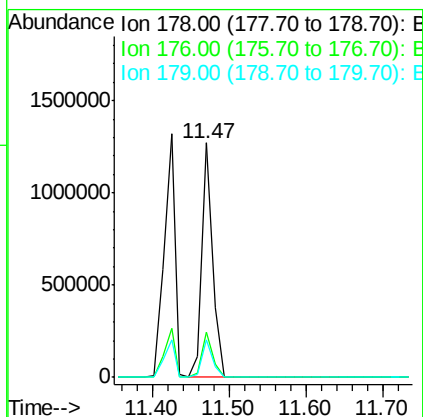
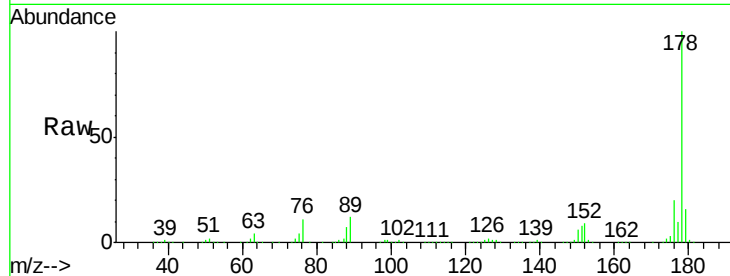
#71
 Anthracene
 Concen: 36.79 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1218467
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.2 19.8

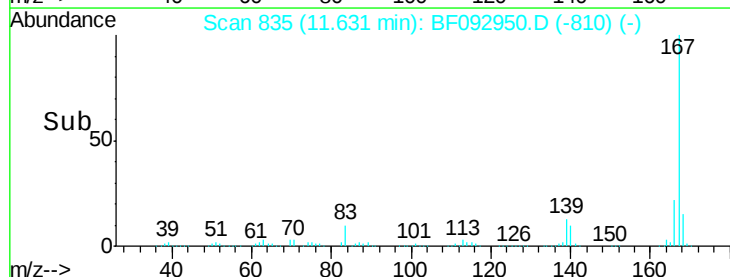
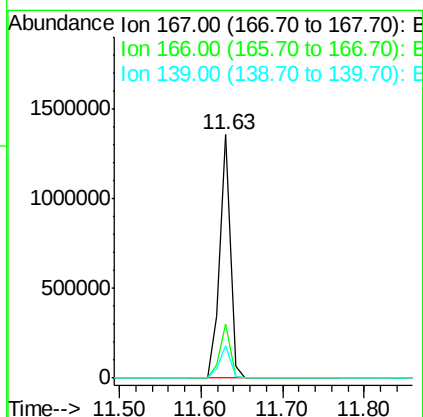
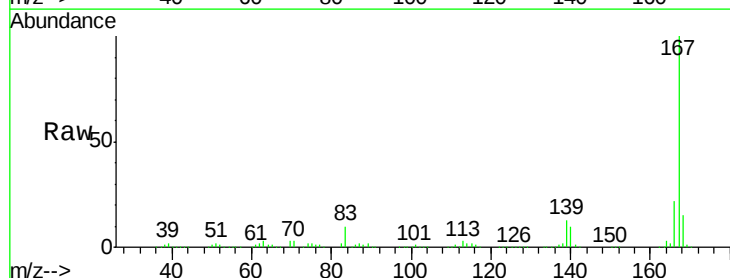
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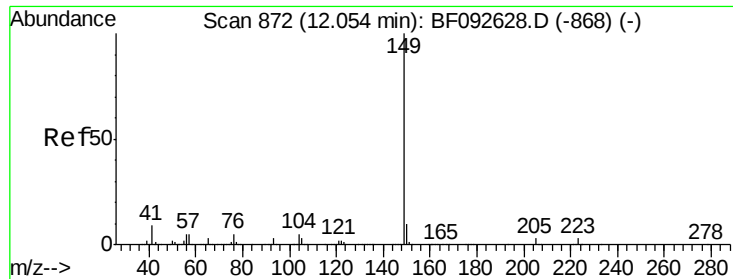
mohammad
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#72
 Carbazole
 Concen: 38.70 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:167 Resp: 1224976
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.19 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1478488

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

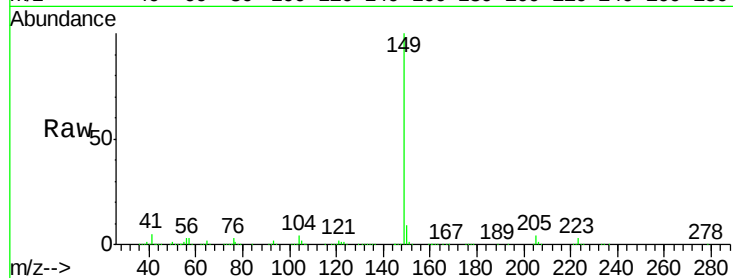
104 3.5 4.6 7.0#

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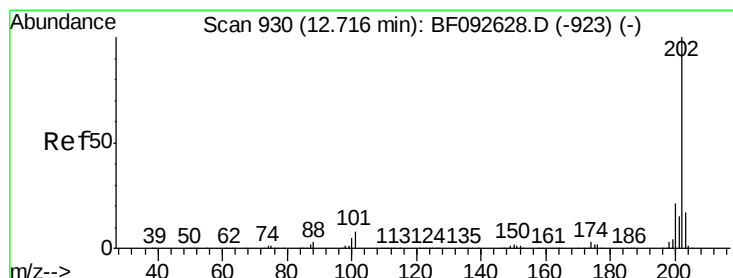
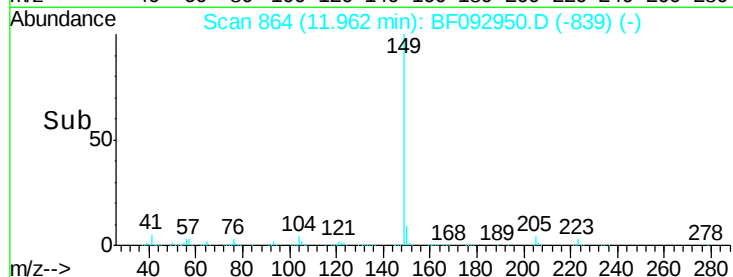
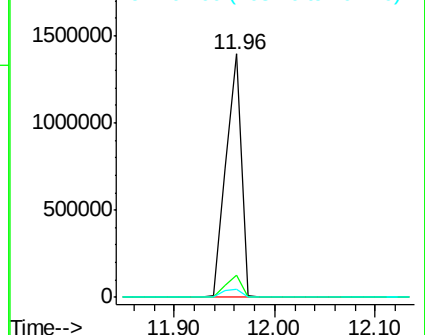
2/16/2017 11:40:04 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.28 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

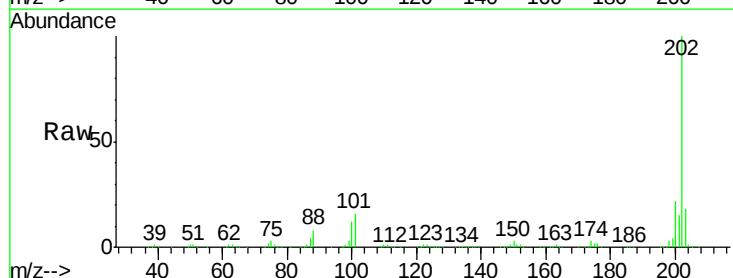
Tgt Ion:202 Resp: 1302075

Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.6

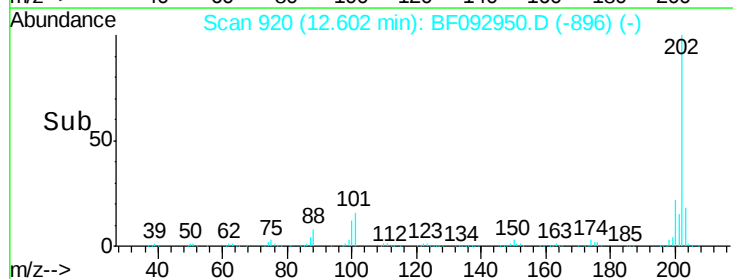
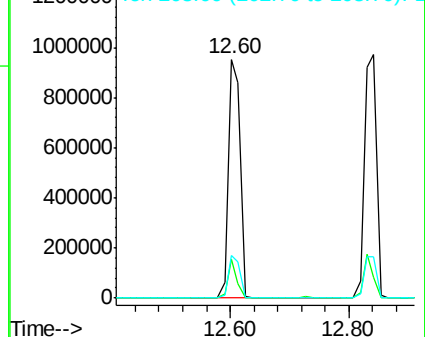
203 18.0 0.0 38.7

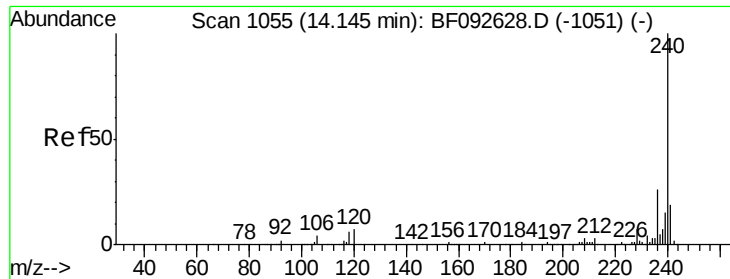


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





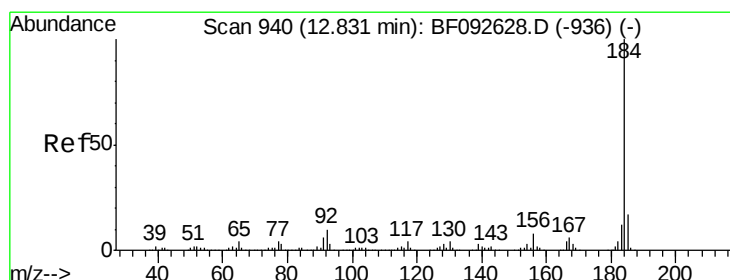
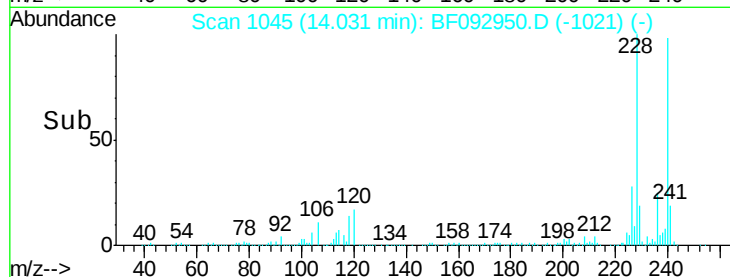
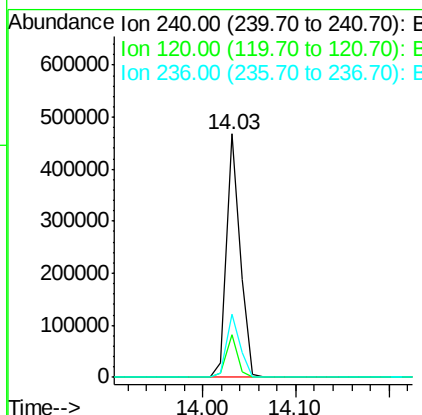
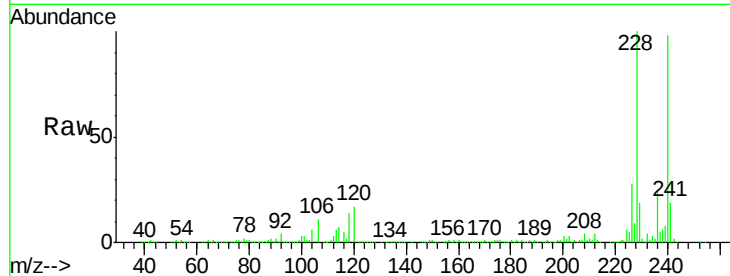
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.3	12.9	19.3
236	26.1	20.9	31.3

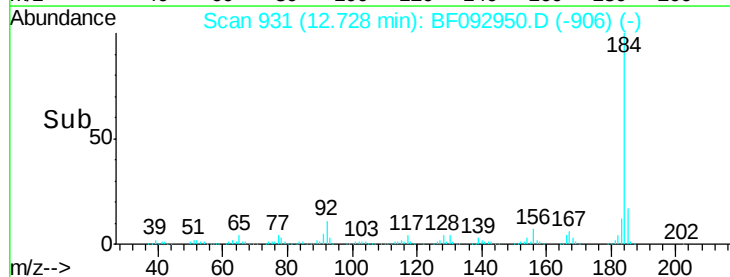
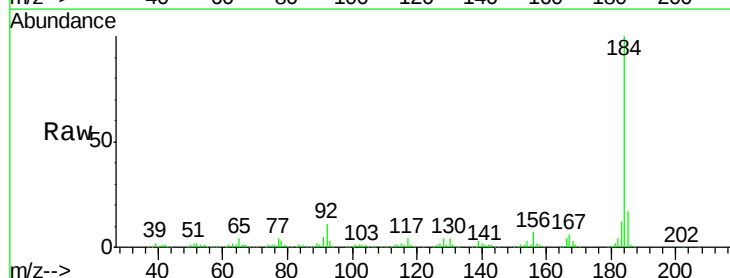
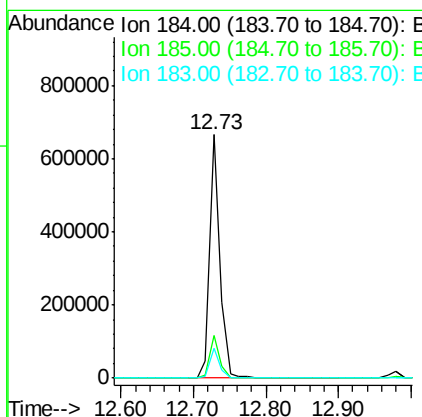
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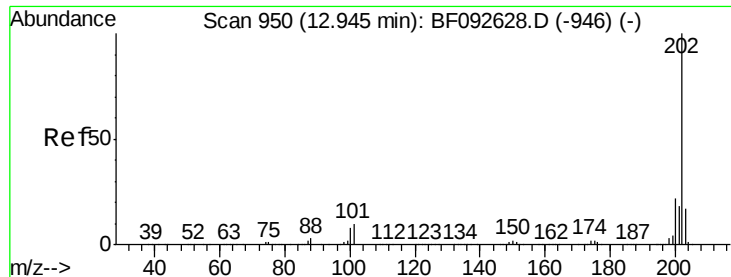
mohammad
2/16/2017 11:40:04 AM



#76
Benzidine
Concen: 32.12 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.4	13.4	20.0
183	12.0	9.2	13.8





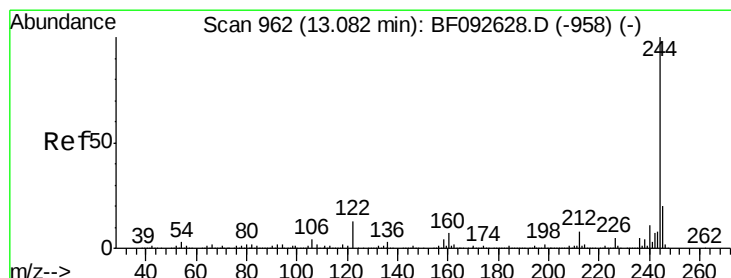
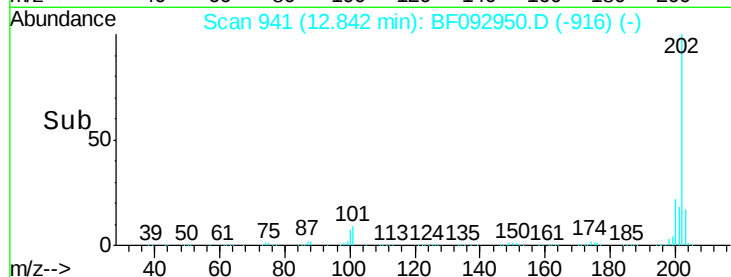
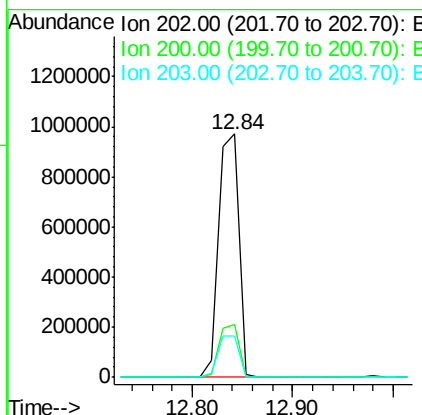
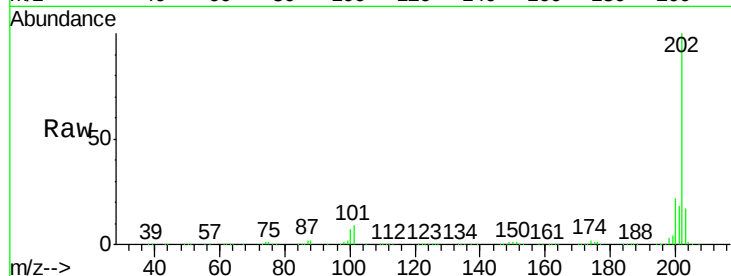
#77
 Pyrene
 Concen: 38.15 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.2	14.7	22.1

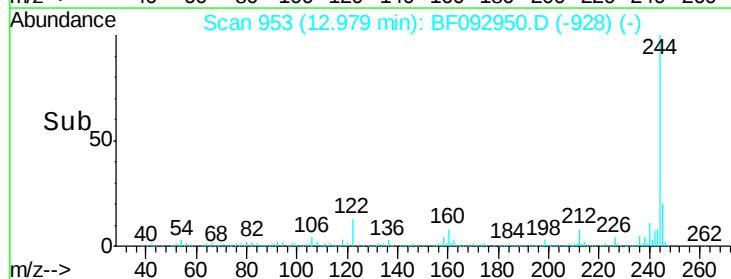
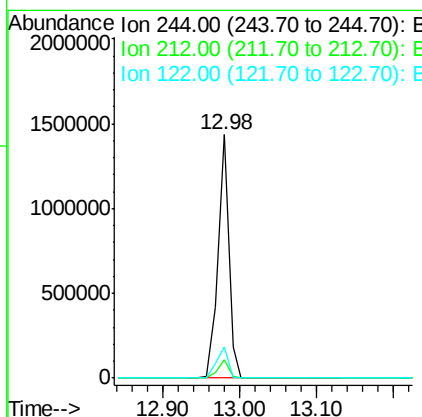
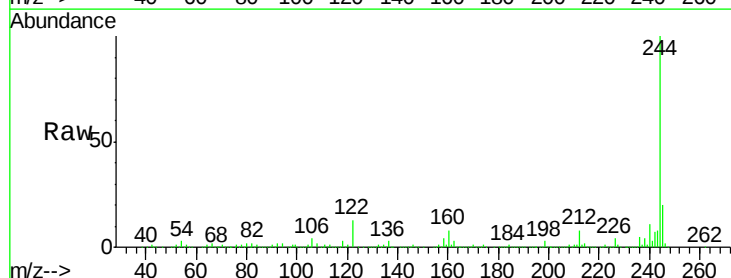
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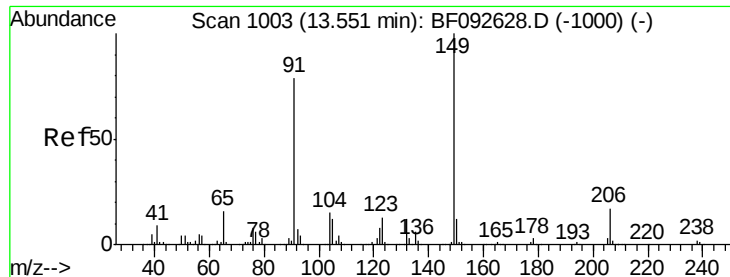
mohammad
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#78
 Terphenyl-d14
 Concen: 69.70 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.0	11.4	17.2





#79

Butylbenzylphthalate

Concen: 40.04 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

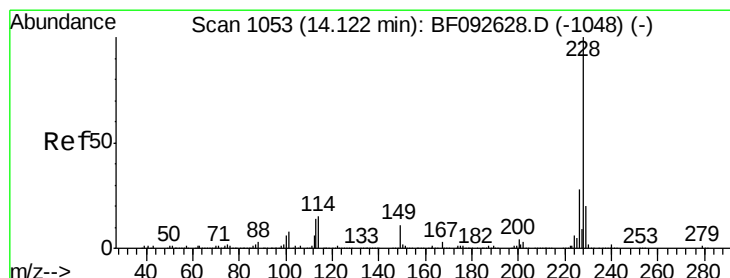
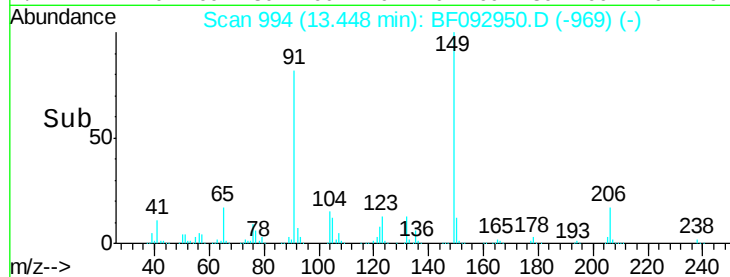
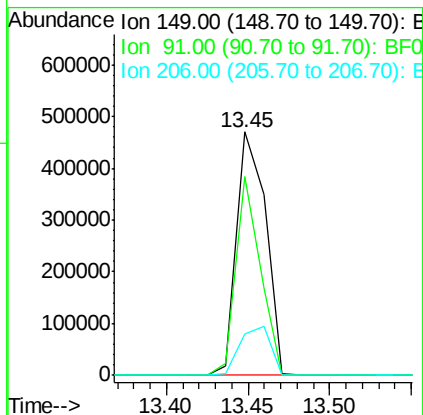
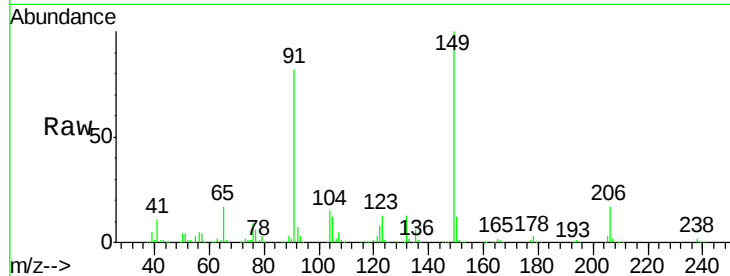
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	578244
Ion Ratio	Lower	Upper	
149	100		
91	81.6	63.9	95.9
206	17.2	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 37.38 ng

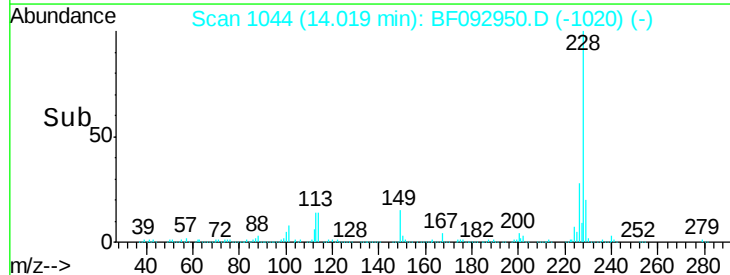
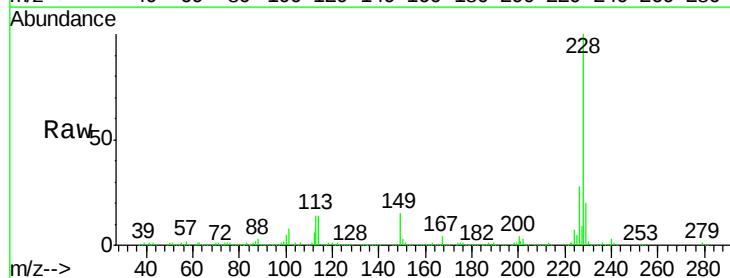
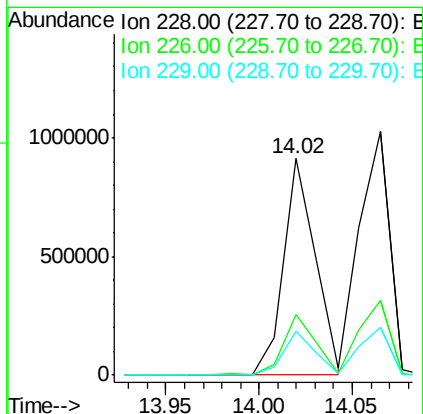
RT: 14.02 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion:	228	Resp:	1086587
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.4	33.6
229	20.1	16.2	24.4





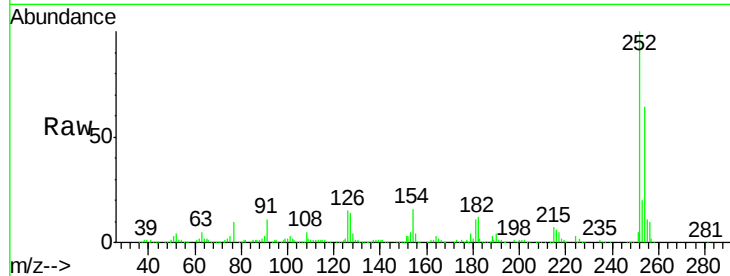
#81
 3,3'-Dichlorobenzidine
 Concen: 38.35 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

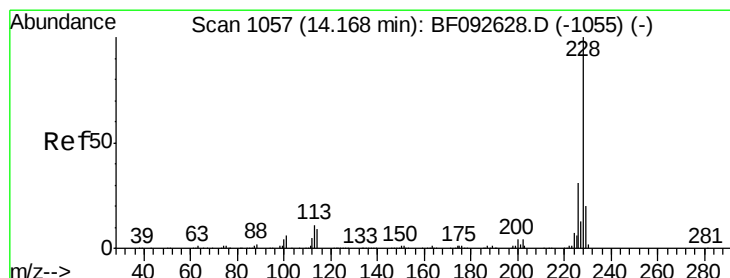
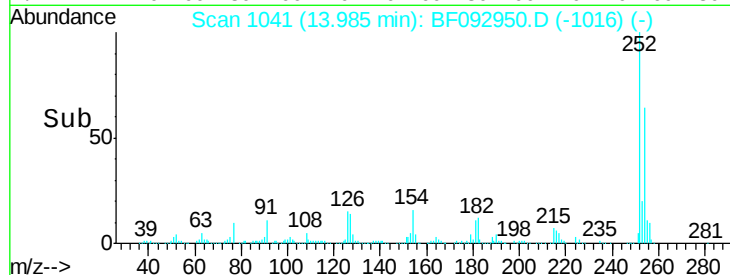
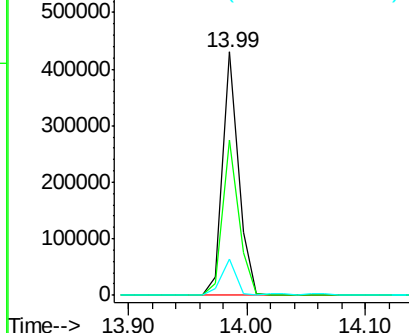
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	14.9	13.6	20.4

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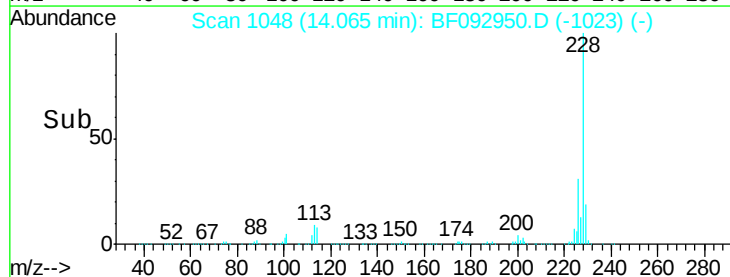
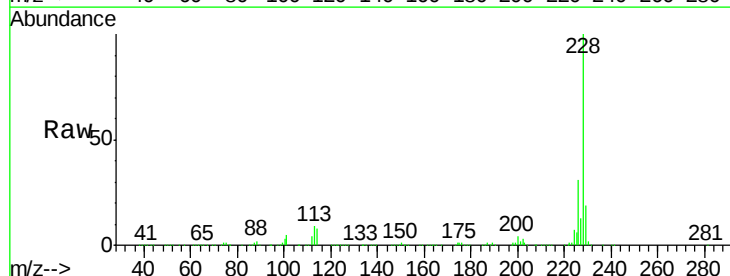
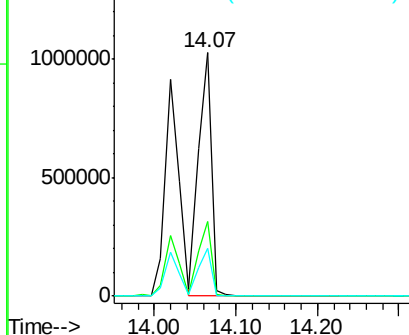
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

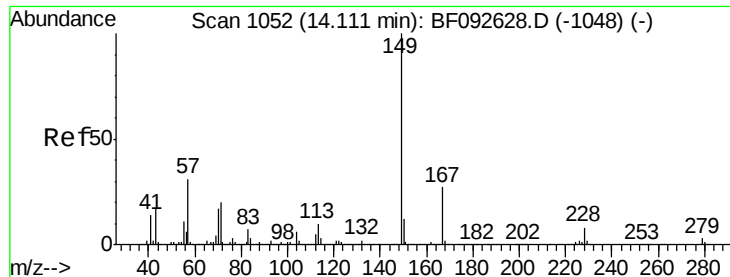


#82
 Chrysene
 Concen: 42.61 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	19.5	16.2	24.2

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.25 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

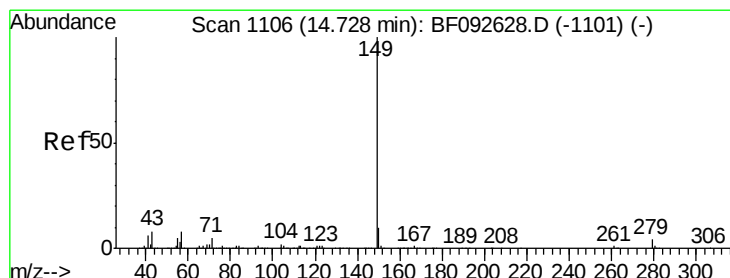
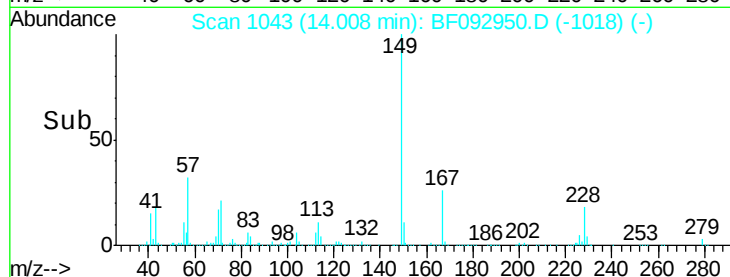
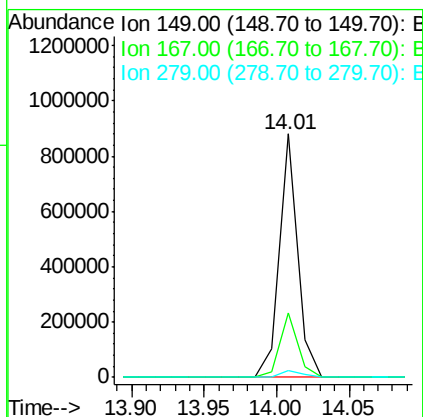
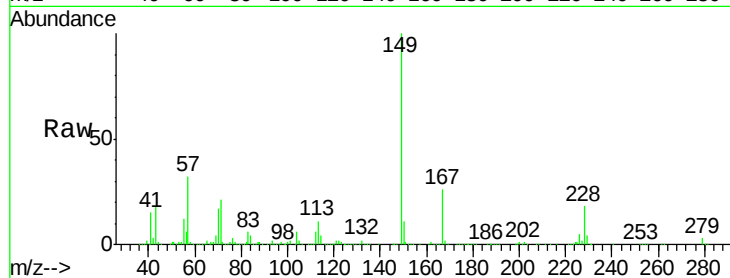
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	775272
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.2	30.4
279	2.6	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 43.74 ng

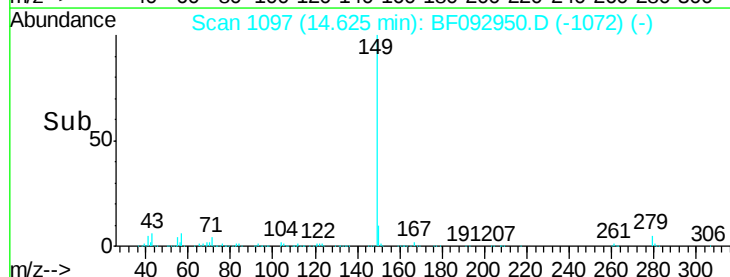
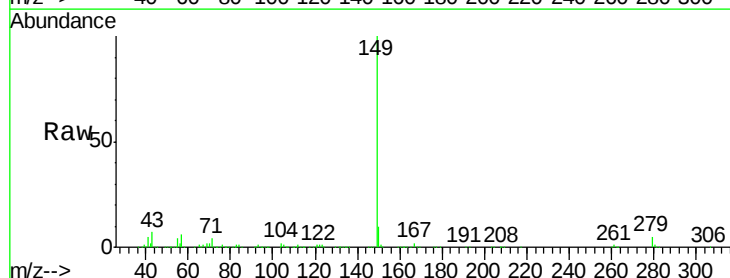
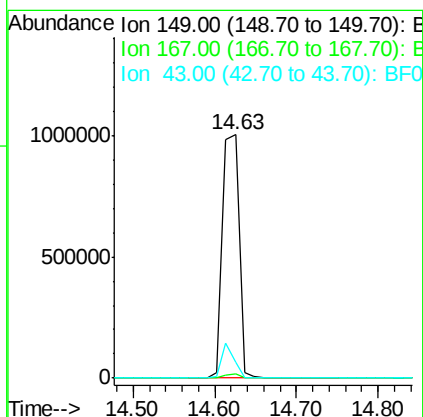
RT: 14.63 min Scan# 1097

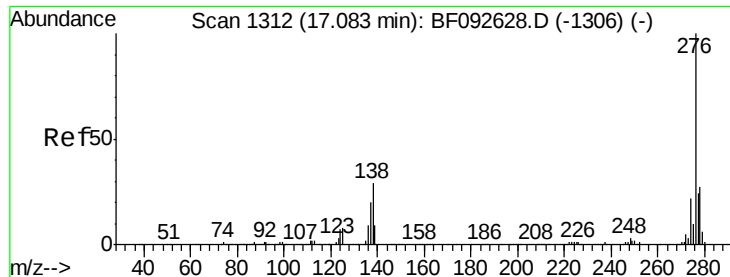
Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion:	149	Resp:	1406654
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.9	8.9	13.3





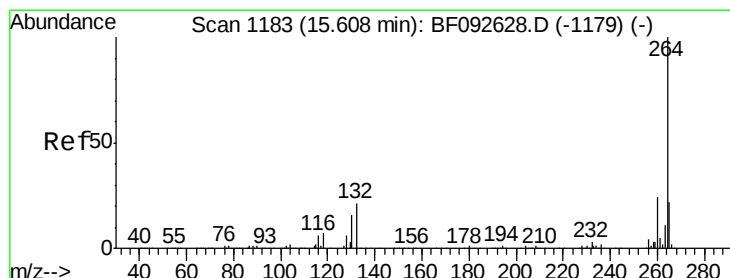
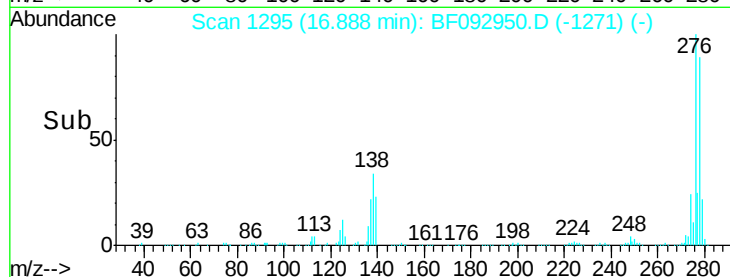
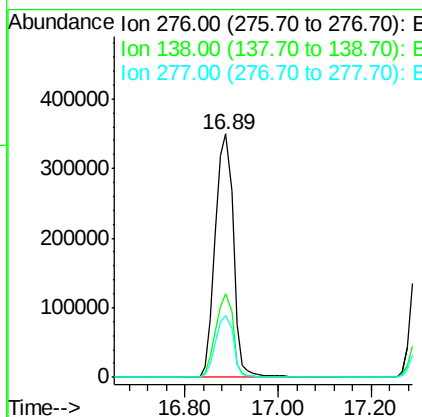
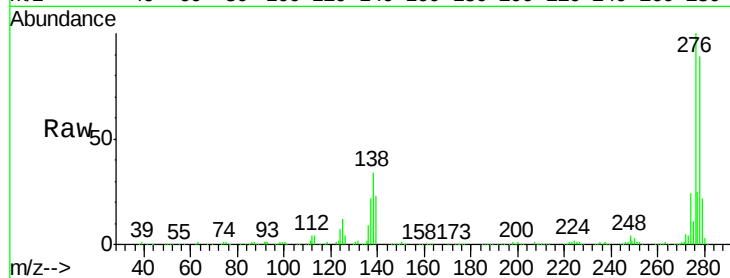
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.81 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6#
277	25.1	20.2	30.4

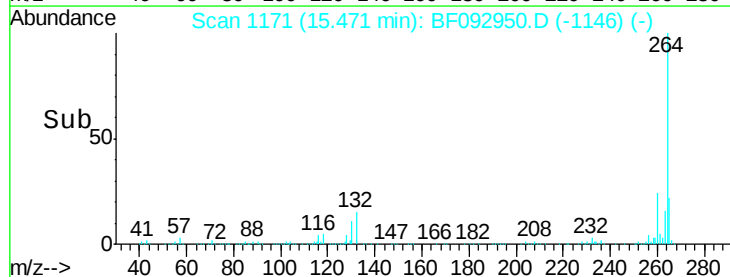
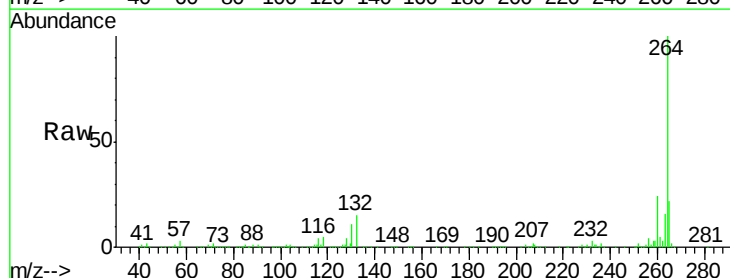
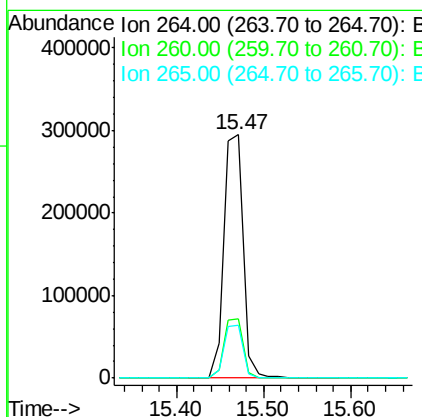
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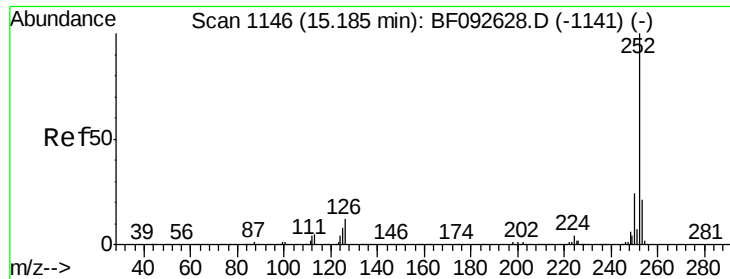
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.4	26.0





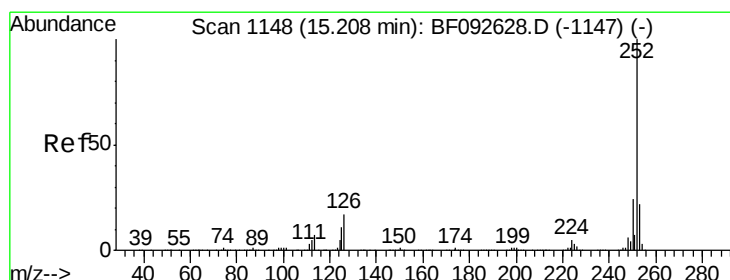
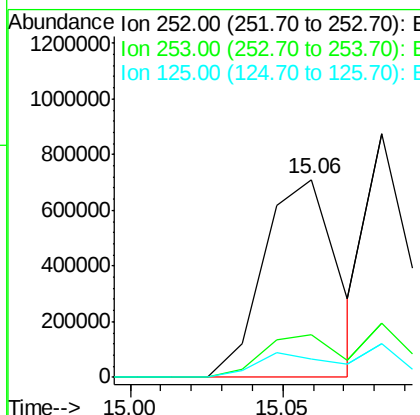
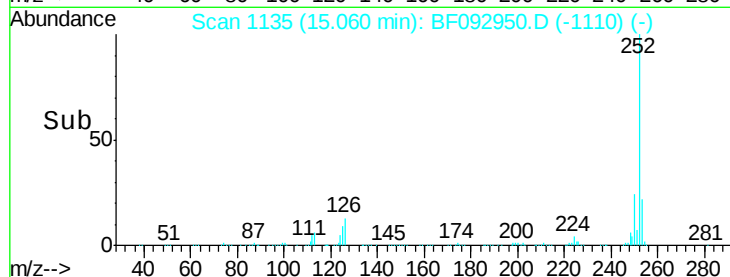
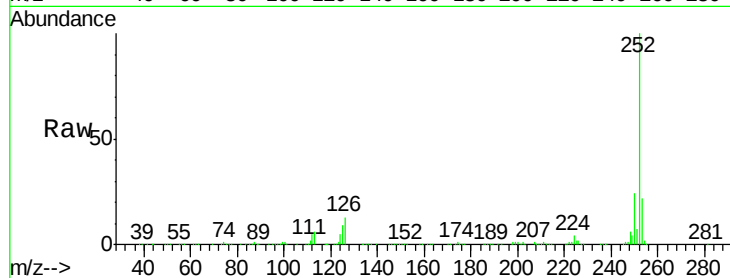
#87
Benzo(b)fluoranthene
Concen: 39.67 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 1188878
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 9.5 9.8 14.6#

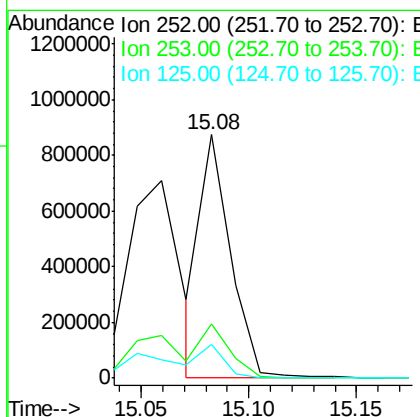
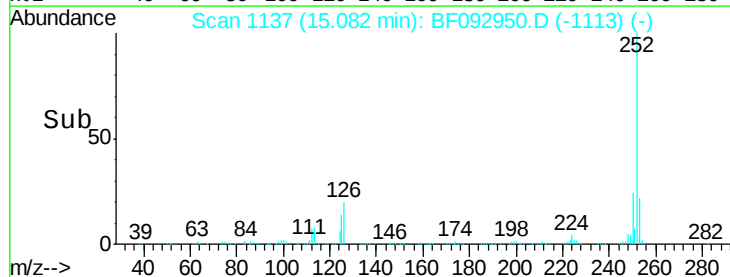
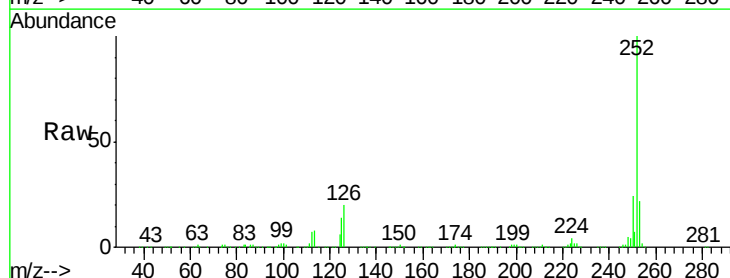
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#88
Benzo(k)fluoranthene
Concen: 33.03 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion: 252 Resp: 854758
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 13.9 8.9 13.3#





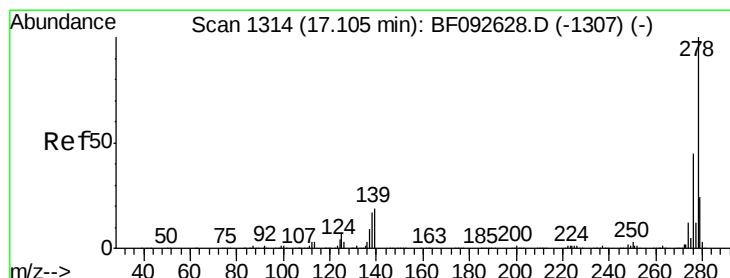
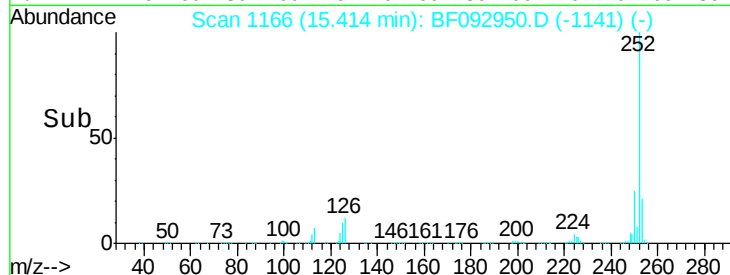
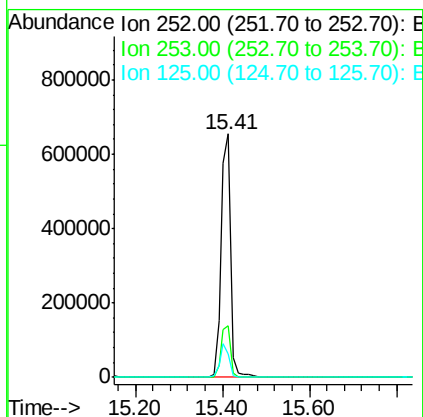
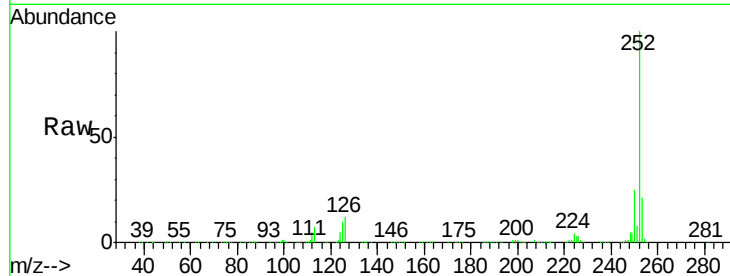
#89
Benzo(a)pyrene
Concen: 39.13 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	9.5	10.0	15.0

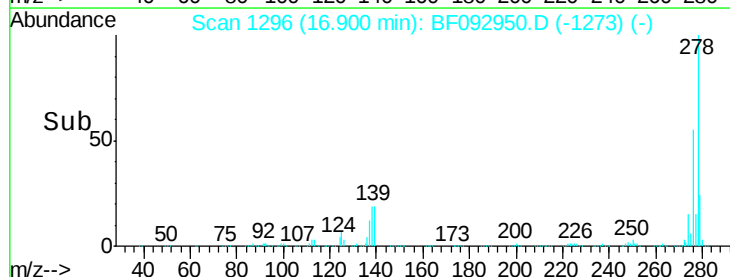
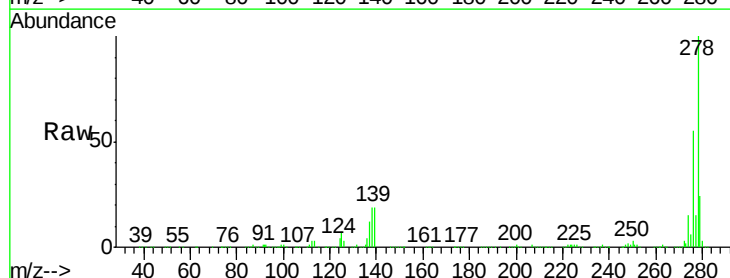
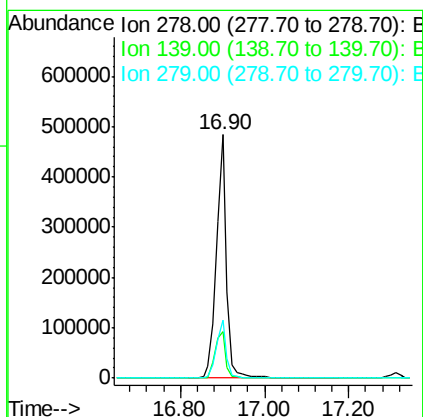
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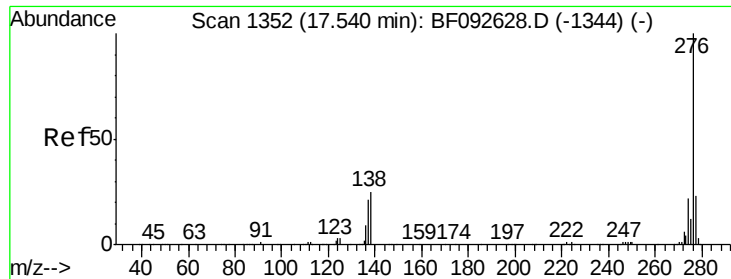
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#90
Dibenzo(a,h)anthracene
Concen: 38.56 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 38.15 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		807487		
277	23.5	19.2		28.8	
138	28.8	16.0		24.0	

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