

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092918.D
 Acq On : 13 Feb 2017 15:15
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/14/2017 11:30:00 AM

Quant Time: Feb 13 18:11:18 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	6.89	152	188577	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	739834	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	419692	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	662647	20.00	ng	0.00
75) Chrysene-d12	14.05	240	530005	20.00	ng	0.00
86) Perylene-d12	15.48	264	538705	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	809533	73.65	ng	0.00
7) Phenol-d6	6.53	99	1183400	83.68	ng	0.00
23) Nitrobenzene-d5	7.46	82	1022821	76.99	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	236755	78.00	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1700288	73.40	ng	0.00
78) Terphenyl-d14	12.99	244	1596364	70.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	222297	37.43	ng	# 86
3) Pyridine	3.20	79	623866	41.31	ng	# 85
4) n-Nitrosodimethylamine	3.16	42	297460	41.95	ng	87
6) Aniline	6.56	93	799070	41.42	ng	# 44
8) 2-Chlorophenol	6.67	128	474468	39.13	ng	95
9) Benzaldehyde	6.43	77	336094	33.17	ng	93
10) Phenol	6.54	94	683814	41.33	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	490114	37.11	ng	93
12) 1,3-Dichlorobenzene	6.83	146	577427	40.65	ng	98
13) 1,4-Dichlorobenzene	6.90	146	557190	38.76	ng	99
14) 1,2-Dichlorobenzene	7.06	146	555151	40.39	ng	98
15) Benzyl Alcohol	7.04	79	423884	40.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	962748	41.96	ng	96
17) 2-Methylphenol	7.15	107	430052	41.34	ng	96
18) Hexachloroethane	7.40	117	194471	39.63	ng	# 89
19) n-Nitroso-di-n-propylamine	7.31	70	359875	39.97	ng	97
20) 3+4-Methylphenols	7.31	107	523065	42.05	ng	94
22) Acetophenone	7.30	105	635112	37.60	ng	# 90
24) Nitrobenzene	7.48	77	577186	42.31	ng	# 79
25) Isophorone	7.71	82	1022228	41.29	ng	95
26) 2-Nitrophenol	7.79	139	280146	43.20	ng	96
27) 2,4-Dimethylphenol	7.84	122	469288	41.21	ng	92
28) bis(2-Chloroethoxy)methane	7.93	93	686913	41.90	ng	100
29) 2,4-Dichlorophenol	8.03	162	401933	37.84	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	435710	38.07	ng	# 95
31) Naphthalene	8.19	128	1394938	37.19	ng	99
32) Benzoic acid	7.97	122	243135	39.22	ng	84
33) 4-Chloroaniline	8.25	127	629355	42.79	ng	98
34) Hexachlorobutadiene	8.30	225	238106	37.81	ng	99
35) Caprolactam	8.62	113	136453	40.84	ng	# 34
36) 4-Chloro-3-methylphenol	8.73	107	421785	38.09	ng	96
37) 2-Methylnaphthalene	8.89	142	990022	41.11	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	422173	35.84	ng	99
40) Hexachlorocyclopentadiene	9.04	237	201202	37.85	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	287815	37.18	ng	94
43) 2,4,5-Trichlorophenol	9.21	196	334739	39.47	ng #	84
45) 1,1'-Biphenyl	9.34	154	1055295	34.72	ng	97
46) 2-Chloronaphthalene	9.37	162	902569	37.97	ng	95
47) 2-Nitroaniline	9.47	65	306957	38.40	ng	98
48) Acenaphthylene	9.79	152	1554893	37.86	ng	99
49) Dimethylphthalate	9.65	163	1055745	37.35	ng	99
50) 2,6-Dinitrotoluene	9.71	165	224215	36.73	ng #	74
51) Acenaphthene	9.96	154	958344	39.03	ng	96
52) 3-Nitroaniline	9.88	138	241155	34.52	ng	98
53) 2,4-Dinitrophenol	10.00	184	119953	41.07	ng	92
54) Dibenzofuran	10.13	168	1247438	37.98	ng	92
55) 4-Nitrophenol	10.05	139	216389	43.00	ng #	72
56) 2,4-Dinitrotoluene	10.12	165	336424	41.39	ng #	79
57) Fluorene	10.48	166	1013155	40.10	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	222280	39.28	ng	99
59) Diethylphthalate	10.35	149	1045174	39.23	ng	95
60) 4-Chlorophenyl-phenylether	10.46	204	452068	37.24	ng #	86
61) 4-Nitroaniline	10.50	138	269891	37.72	ng	92
62) Azobenzene	10.62	77	1090941	39.64	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	179821	44.77	ng	82
65) n-Nitrosodiphenylamine	10.59	169	873921	41.28	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	289190	41.77	ng #	86
67) Hexachlorobenzene	11.02	284	275278	40.24	ng #	84
68) Atrazine	11.12	200	290478	42.76	ng	95
69) Pentachlorophenol	11.22	266	157791	47.86	ng	96
70) Phenanthrene	11.44	178	1512568	39.84	ng	98
71) Anthracene	11.48	178	1369797	35.93	ng	99
72) Carbazole	11.64	167	1379752	37.86	ng	99
73) Di-n-butylphthalate	11.97	149	1576040	39.99	ng #	96
74) Fluoranthene	12.62	202	1546253	39.49	ng	92
76) Benzidine	12.74	184	769552	34.07	ng	99
77) Pyrene	12.85	202	1585917	39.98	ng	99
79) Butylbenzylphthalate	13.46	149	683890	42.46	ng	98
80) Benzo(a)anthracene	14.04	228	1286936	39.70	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	473488	40.98	ng	98
82) Chrysene	14.08	228	1264361	41.66	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	855441	38.84	ng	98
84) Di-n-octyl phthalate	14.64	149	1620722	45.18	ng	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	1242957	52.87	ng	95
87) Benzo(b)fluoranthene	15.07	252	1218397m	34.36	ng	
88) Benzo(k)fluoranthene	15.11	252	1227594m	40.10	ng	
89) Benzo(a)pyrene	15.43	252	1219281	39.75	ng #	97
90) Dibenzo(a,h)anthracene	16.93	278	1033025	41.67	ng	99
91) Benzo(g,h,i)perylene	17.35	276	1084472	43.31	ng #	90

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

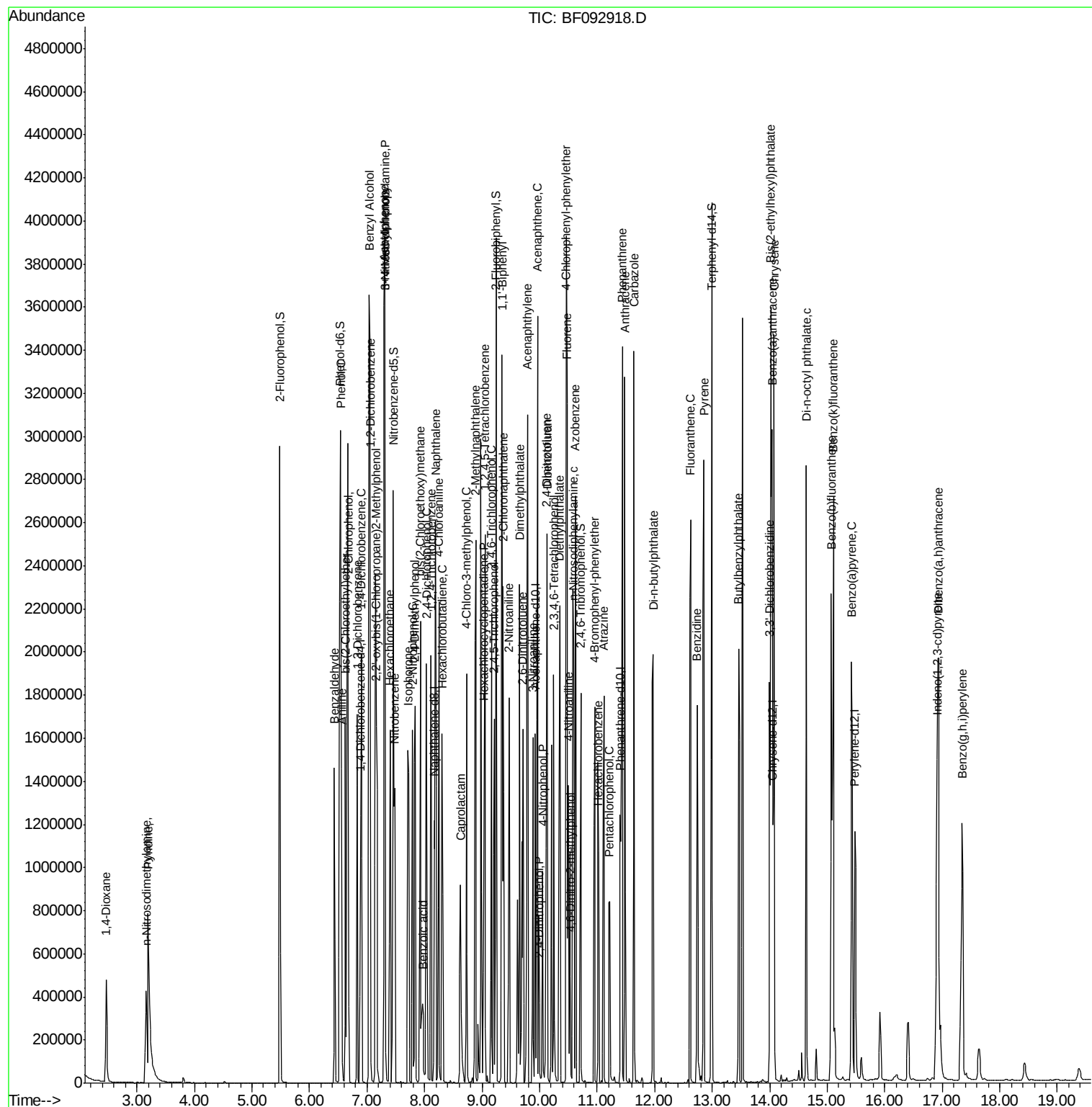
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
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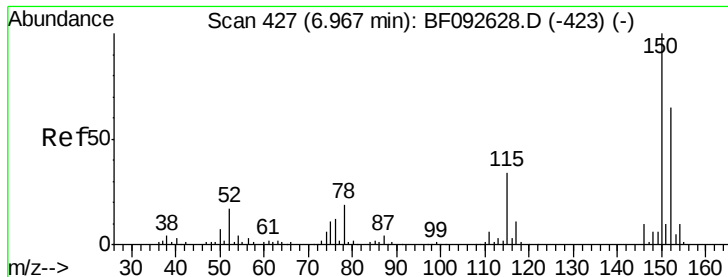
Instrument :
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#1

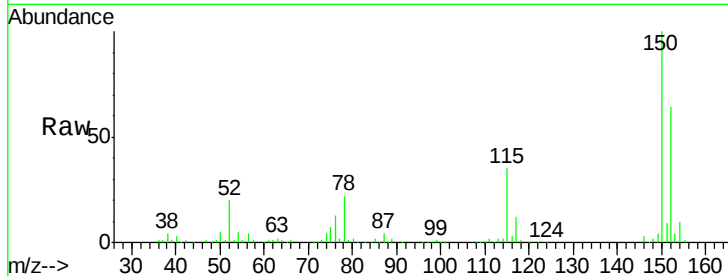
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

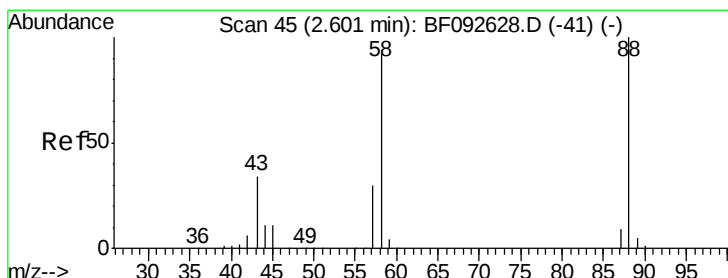
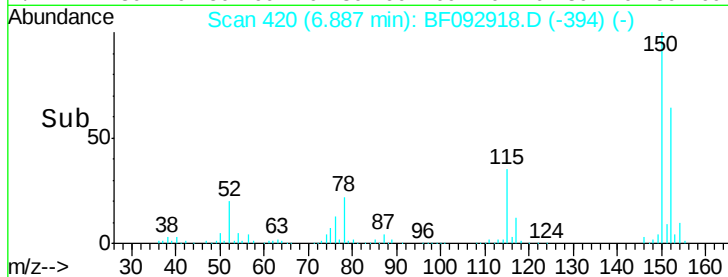
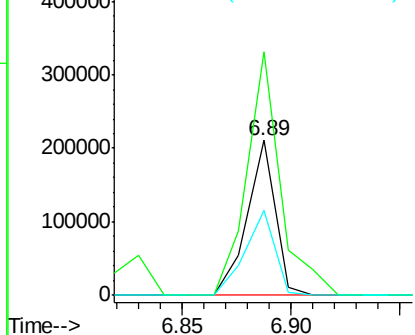
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	55.0	46.0	69.0

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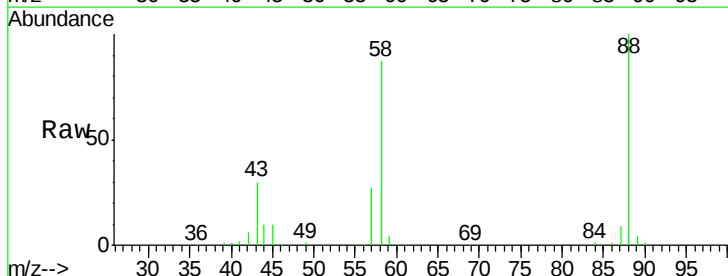
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



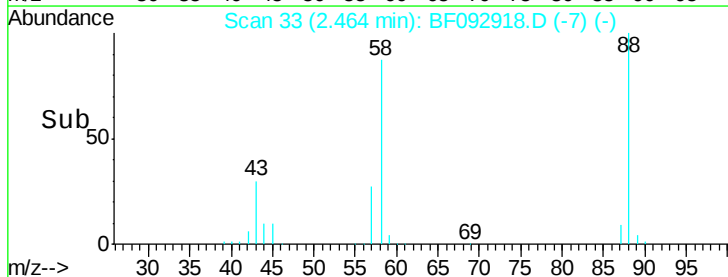
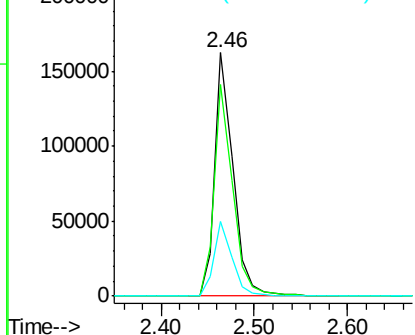
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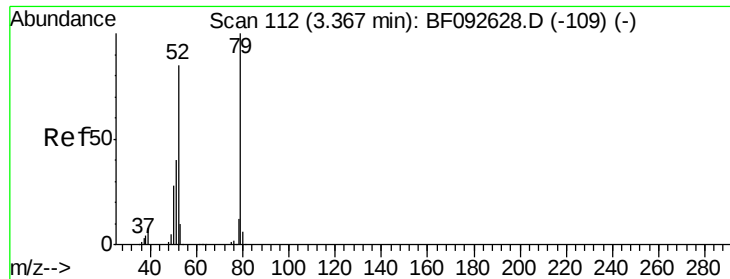
1,4-Dioxane
Concen: 37.43 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	57.8	86.8#
43	30.8	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.31 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 623866
Ion Ratio Lower Upper

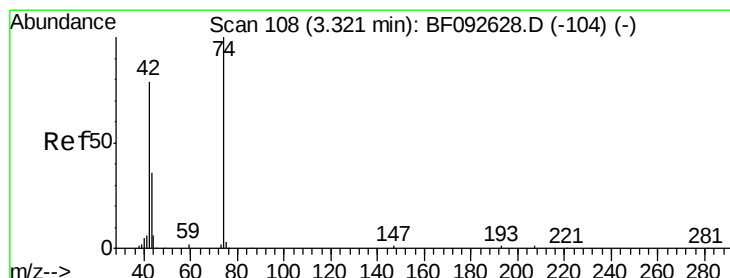
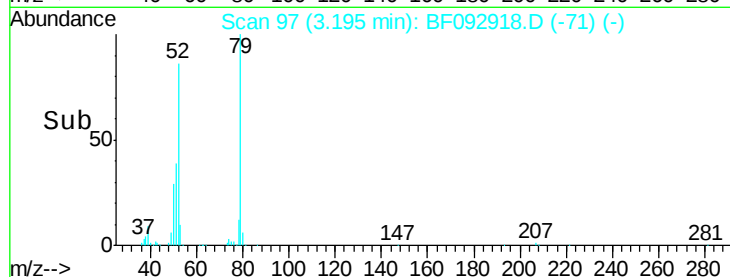
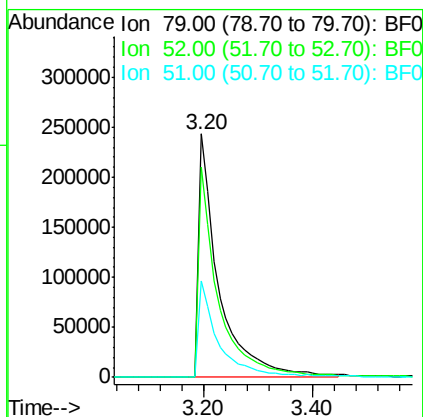
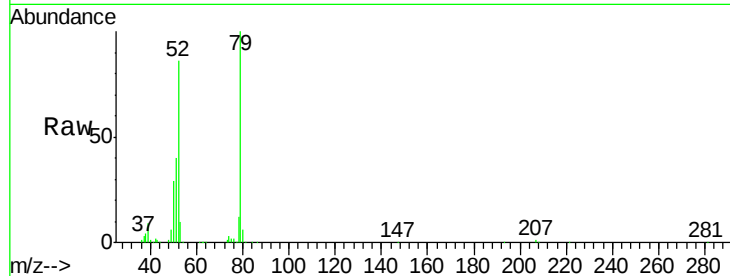
79 100

52 86.1 57.1 85.7#

51 39.5 27.3 40.9

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#4

n-Nitrosodimethylamine

Concen: 41.95 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.00 min

Lab File: BF092918.D

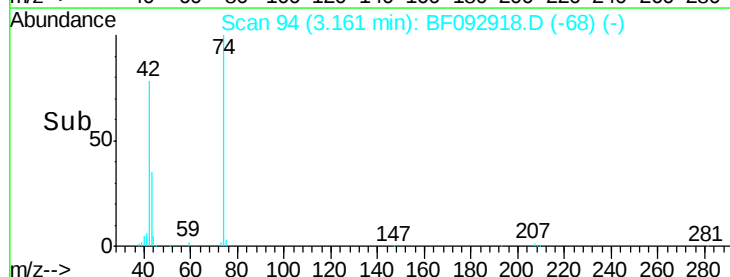
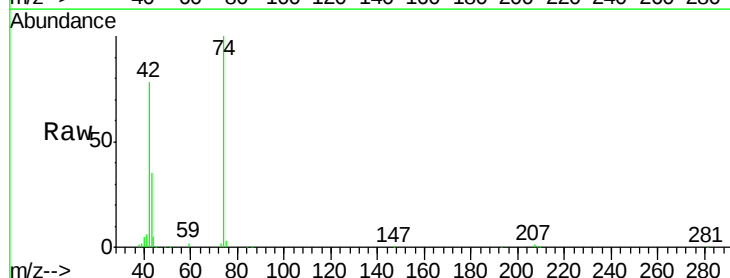
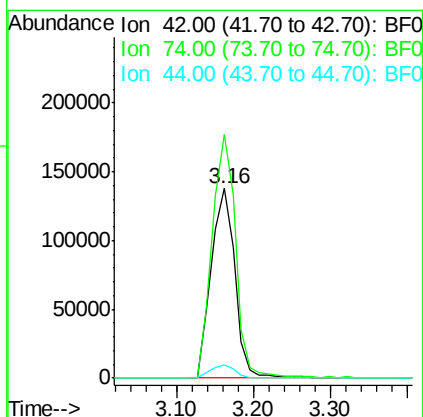
Acq: 13 Feb 2017 15:15

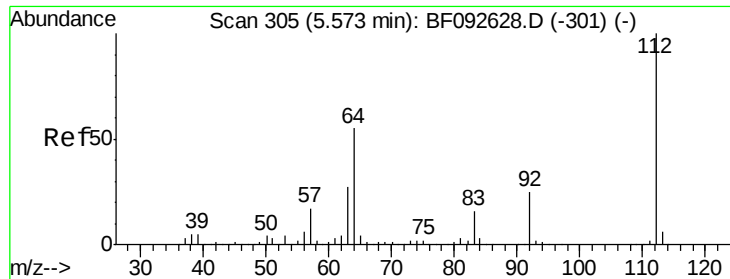
Tgt Ion: 42 Resp: 297460
Ion Ratio Lower Upper

42 100

74 128.7 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 73.65 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

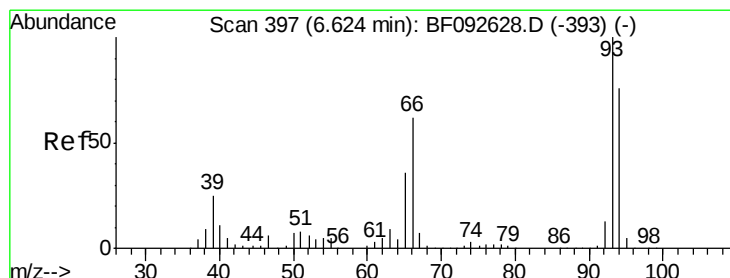
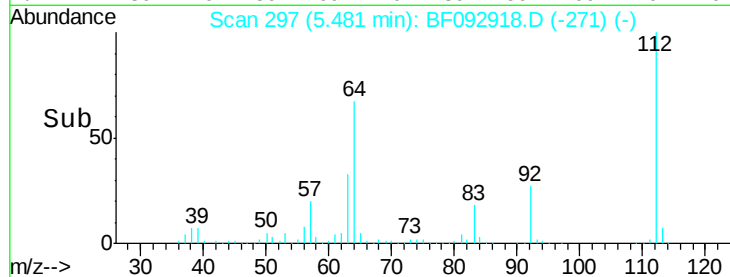
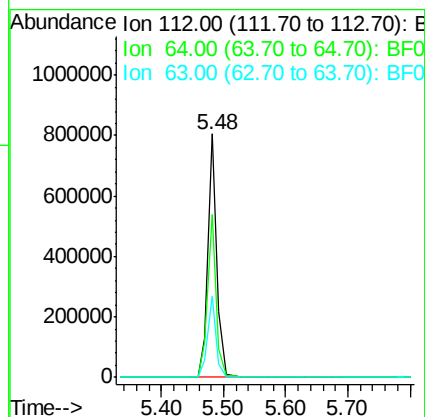
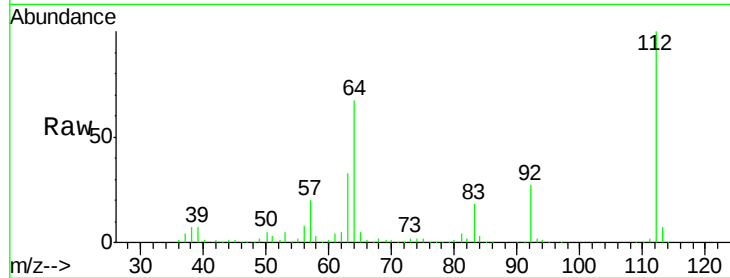
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	809533
Ion Ratio	Lower	Upper	
112	100		
64	67.0	46.1	69.1
63	33.4	23.8	35.6

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#6

Aniline

Concen: 41.42 ng

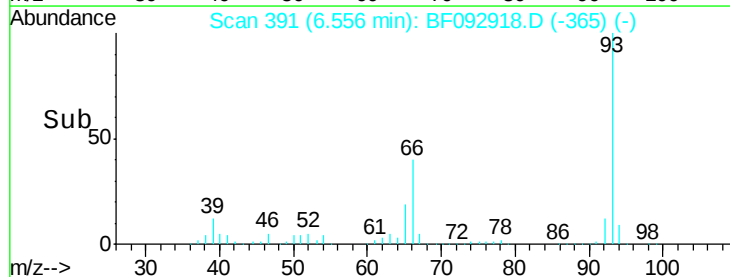
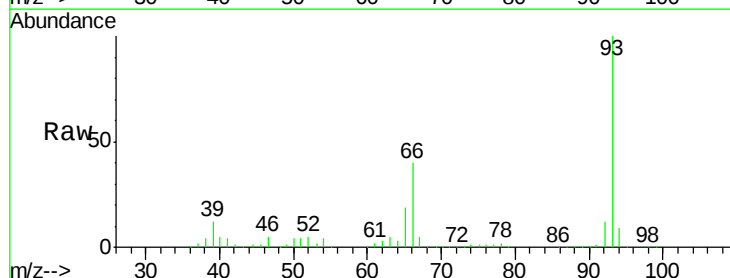
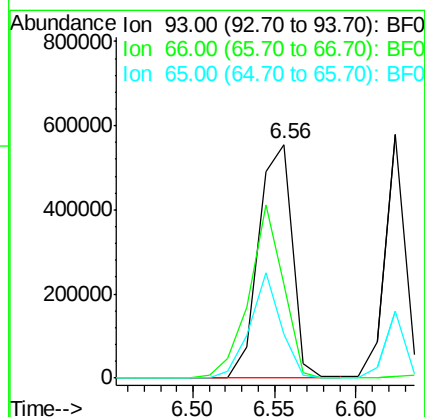
RT: 6.56 min Scan# 391

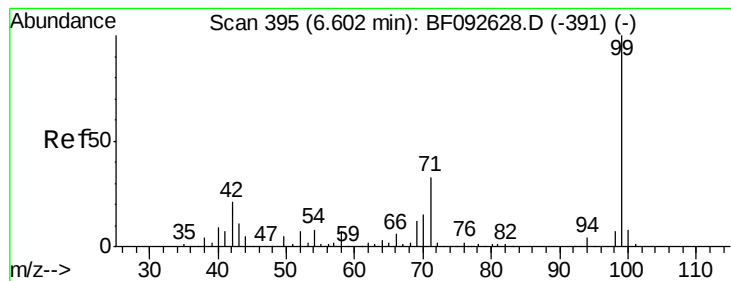
Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion:	93	Resp:	799070
Ion Ratio	Lower	Upper	
93	100		
66	40.0	76.2	114.2#
65	19.0	49.3	73.9#





#7

Phenol-d6

Concen: 83.68 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

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ClientSampleId :

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Tgt Ion: 99 Resp: 1183400

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

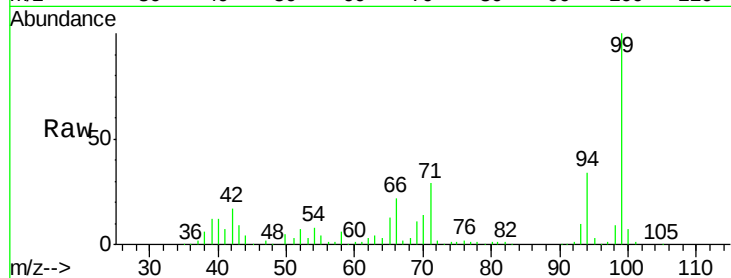
71 29.2 27.5 41.3

Manual Integrations

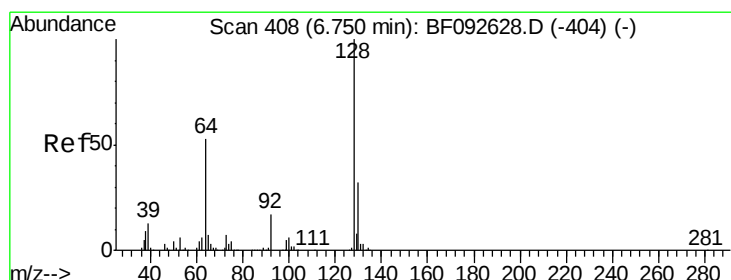
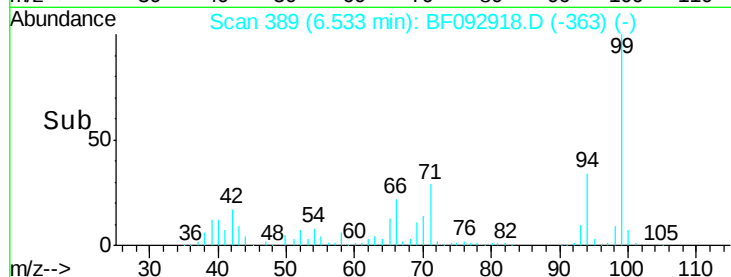
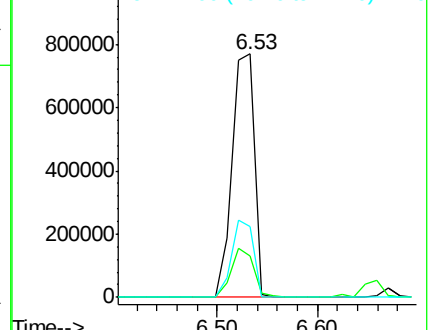
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.13 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

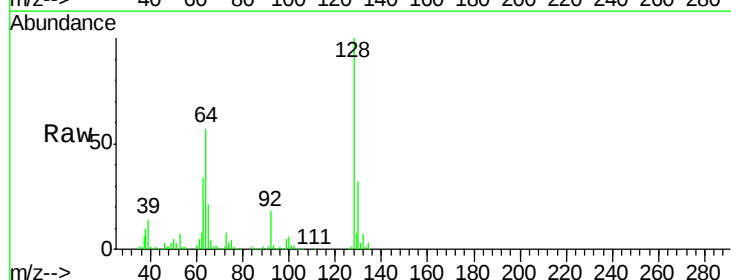
Tgt Ion: 128 Resp: 474468

Ion Ratio Lower Upper

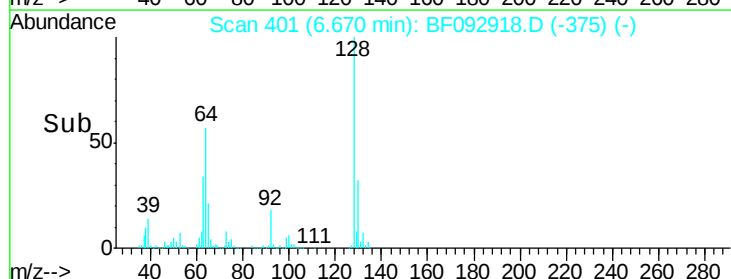
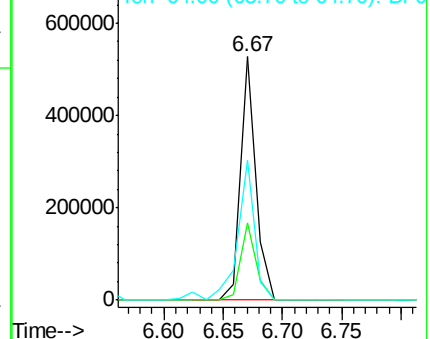
128 100

130 31.8 12.3 52.3

64 57.4 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.17 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

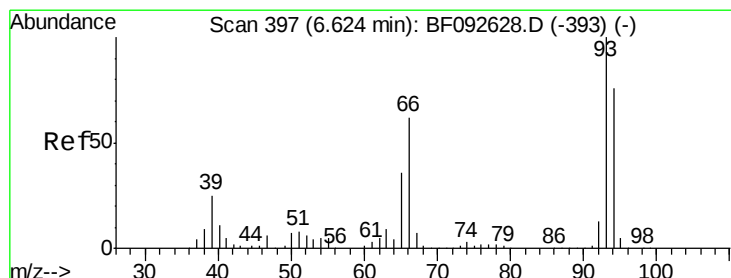
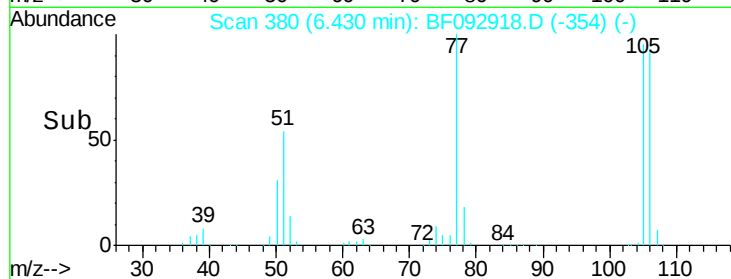
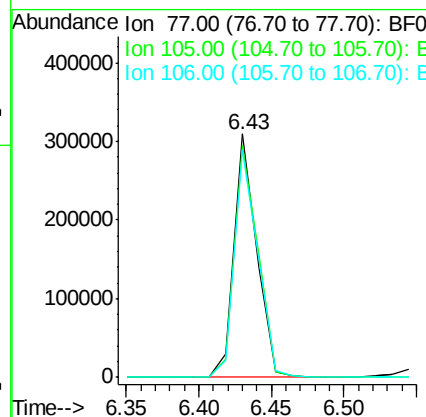
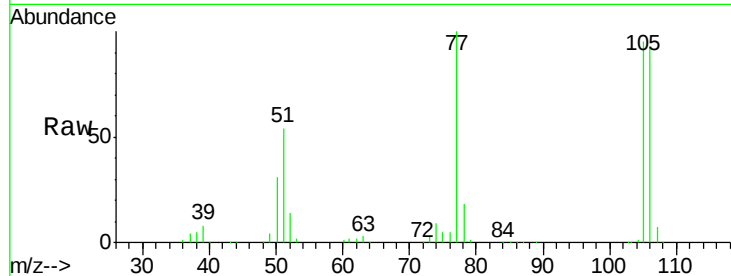
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	336094
Ion Ratio	Lower	Upper	
77	100		
105	95.2	83.9	123.9
106	93.0	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 41.33 ng

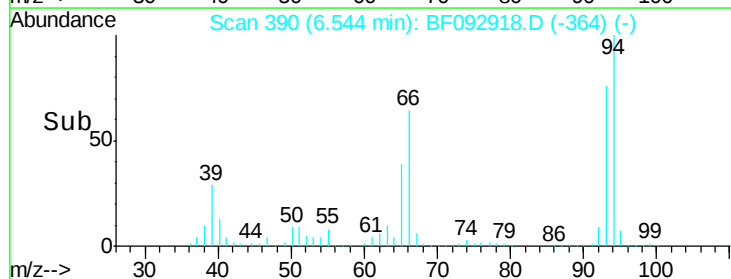
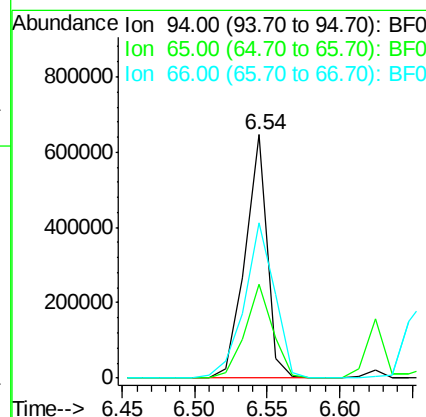
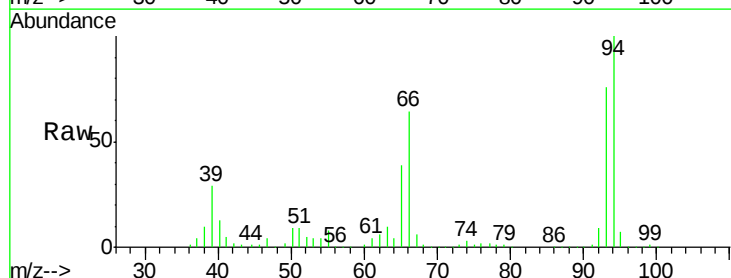
RT: 6.54 min Scan# 390

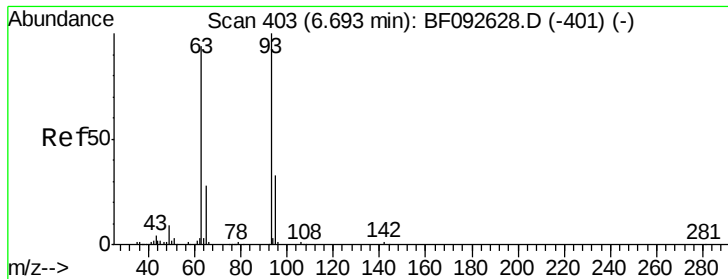
Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion:	94	Resp:	683814
Ion Ratio	Lower	Upper	
94	100		
65	38.6	21.4	61.4
66	63.5	44.0	84.0





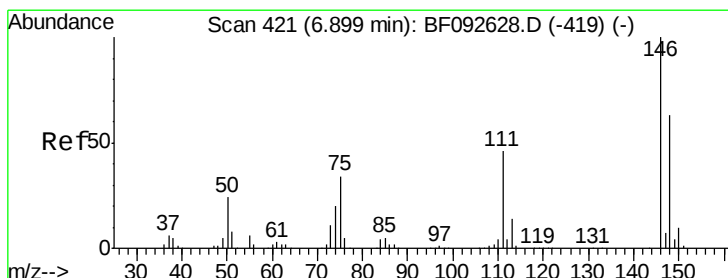
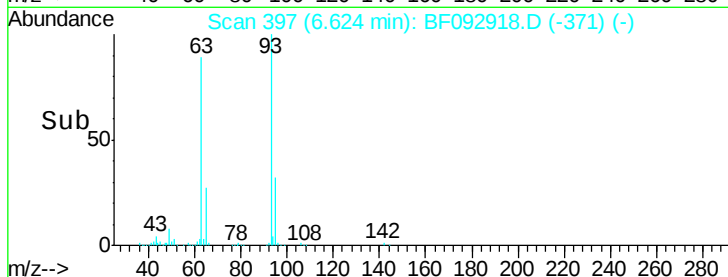
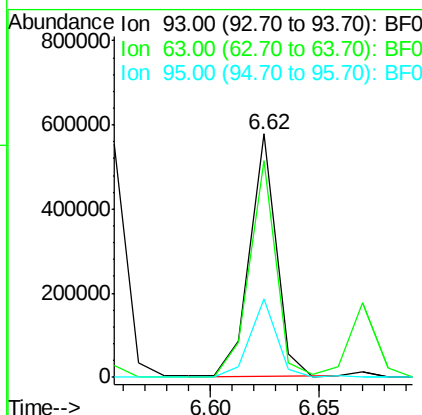
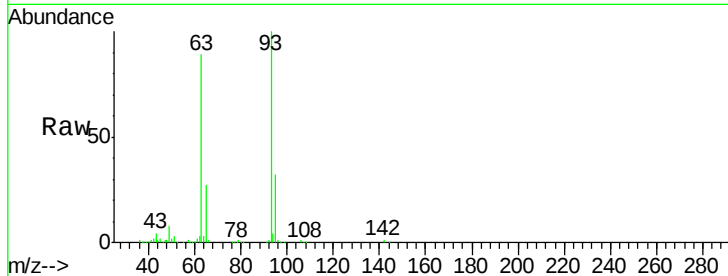
#11
bis(2-Chloroethyl)ether
Concen: 37.11 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.9	60.4	100.4
95	32.0	12.8	52.8

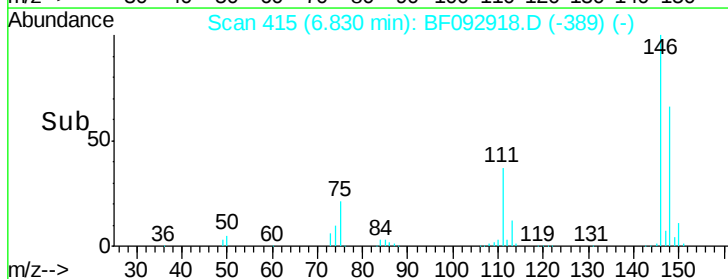
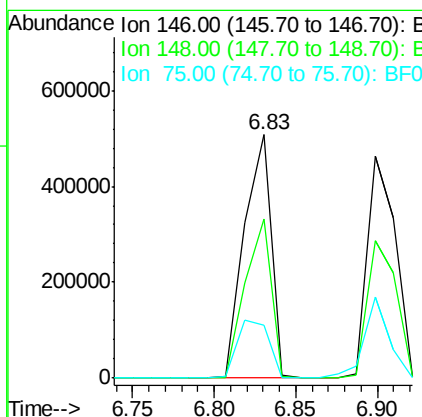
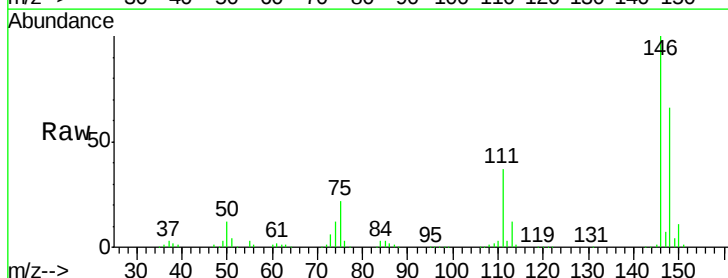
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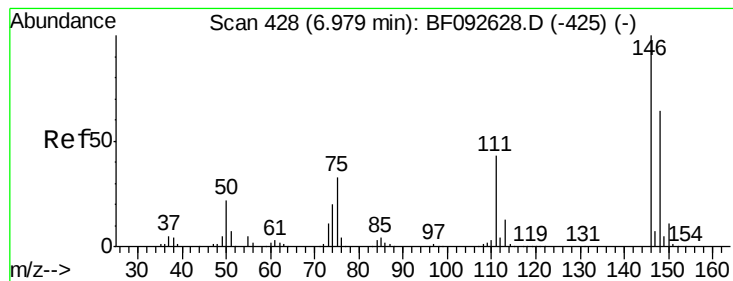
mohammad
2/14/2017 11:30:00 AM



#12
1,3-Dichlorobenzene
Concen: 40.65 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.4	80.0
75	21.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 38.76 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

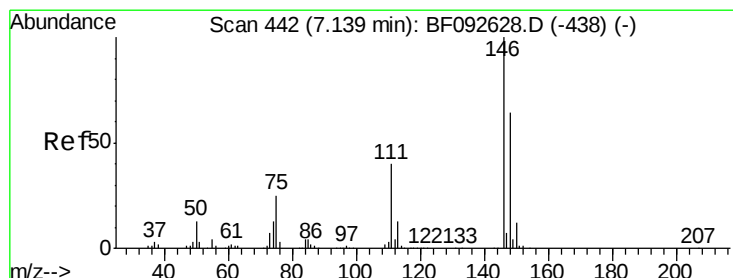
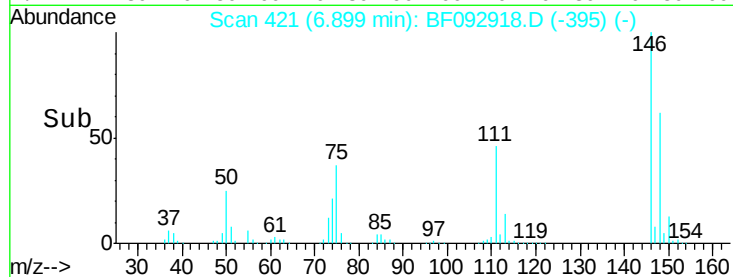
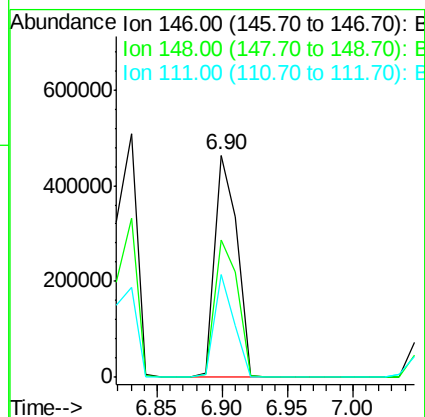
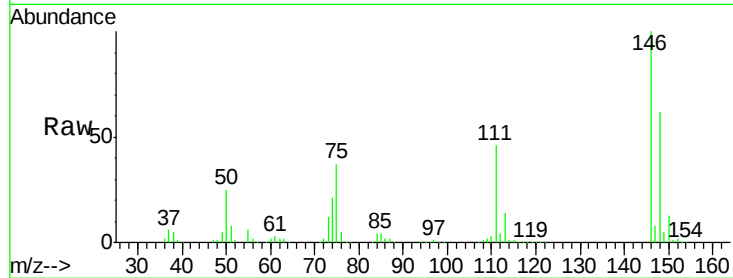
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557190		
148	62.1	50.6	76.0	
111	46.1	36.2	54.4	

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#14

1,2-Dichlorobenzene

Concen: 40.39 ng

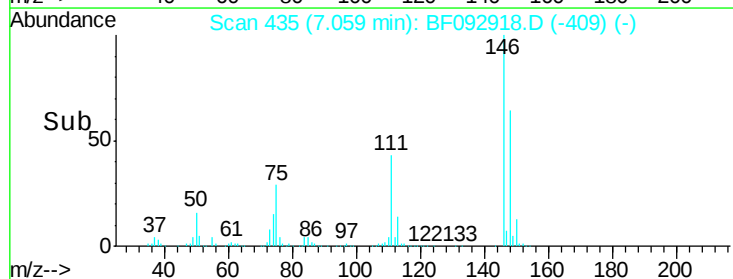
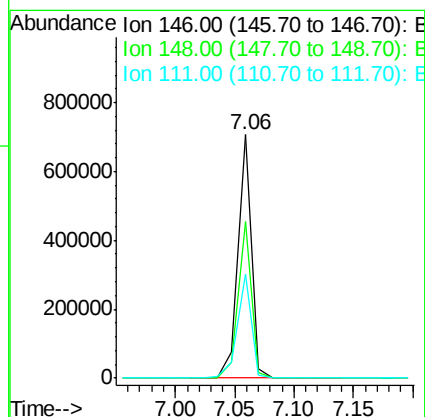
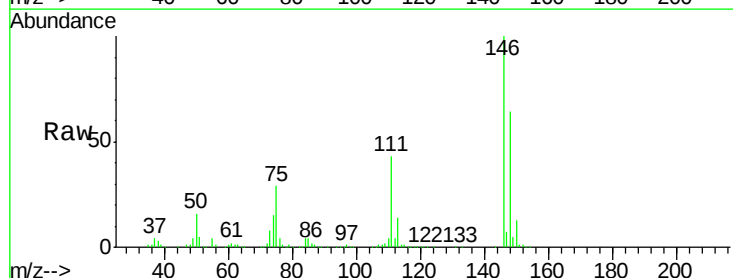
RT: 7.06 min Scan# 435

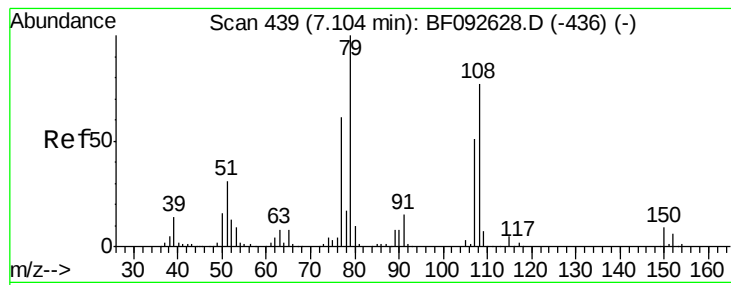
Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	555151		
148	64.1	52.2	78.2	
111	42.5	36.2	54.2	





#15

Benzyl Alcohol

Concen: 40.48 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

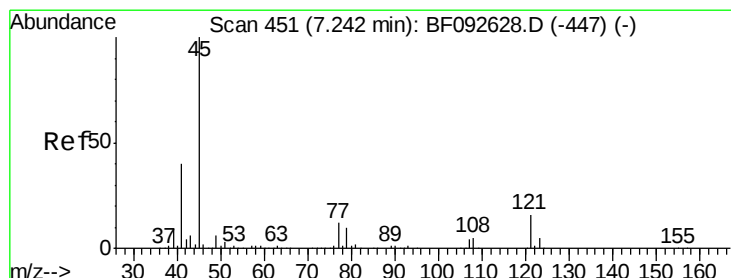
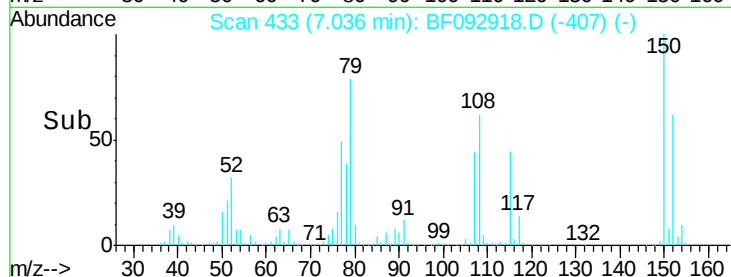
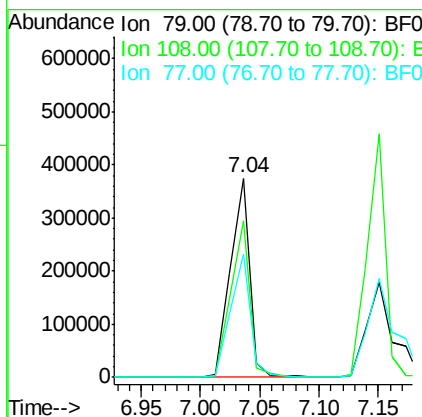
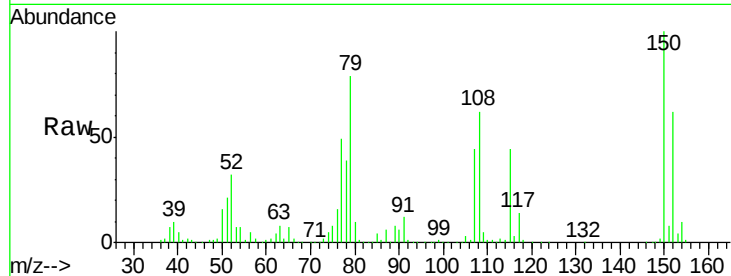
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	423884
Ion Ratio	Lower	Upper	
79	100		
108	78.8	61.4	92.0
77	61.7	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.96 ng

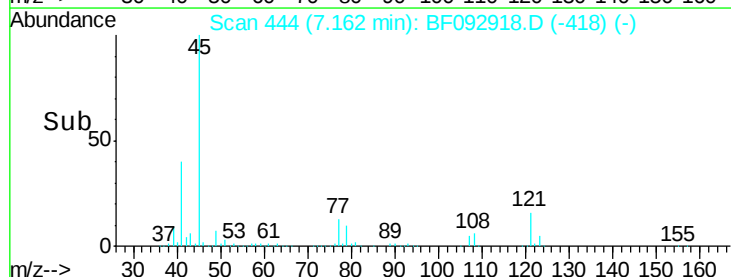
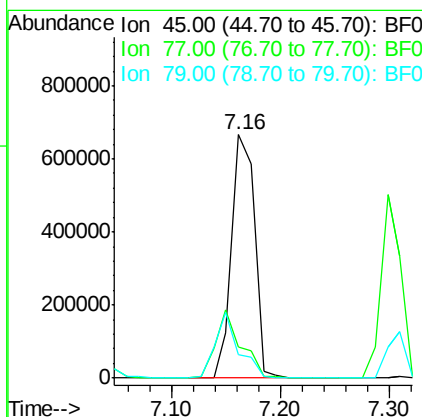
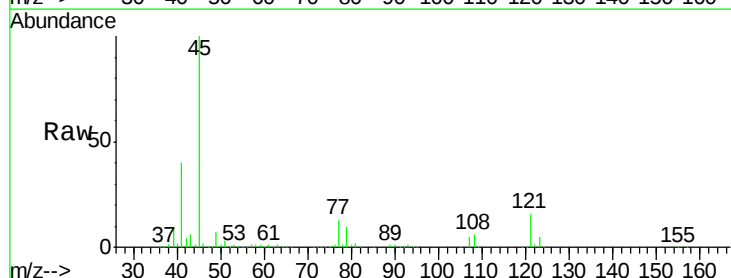
RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion:	45	Resp:	962748
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	34.6
79	9.9	0.0	31.2





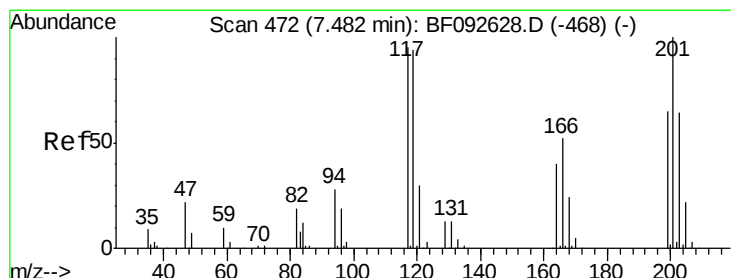
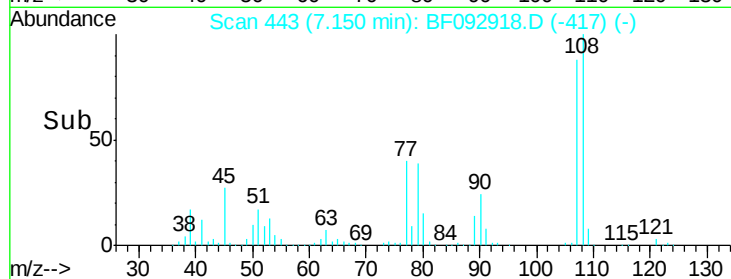
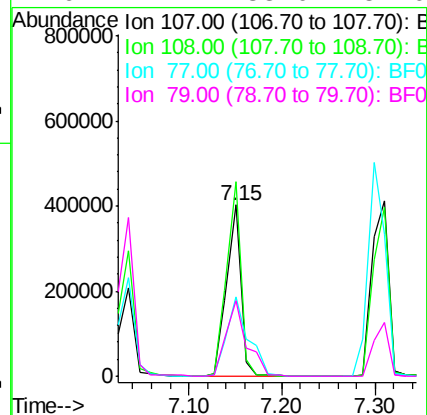
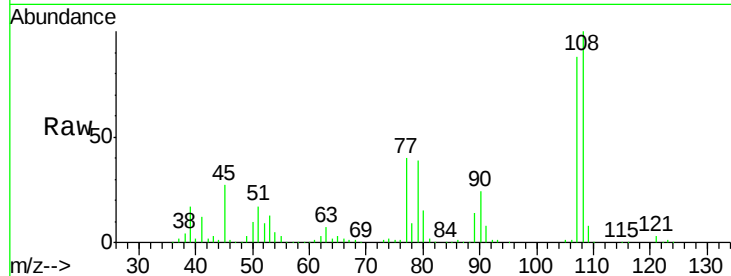
#17
2-Methylphenol
Concen: 41.34 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	430052		
108	113.8	93.0	139.6	
77	46.0	39.8	59.8	
79	44.4	38.0	57.0	

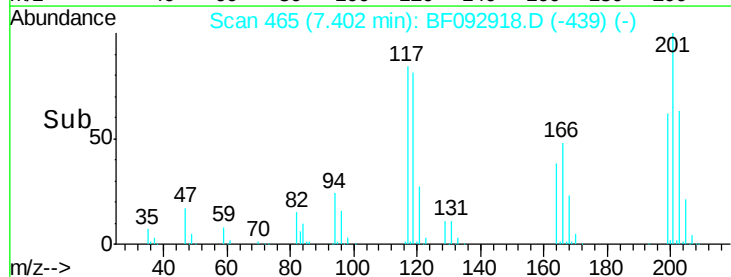
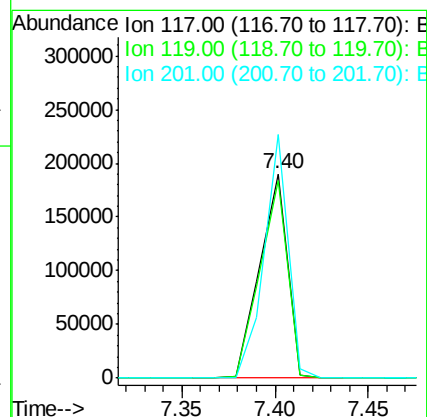
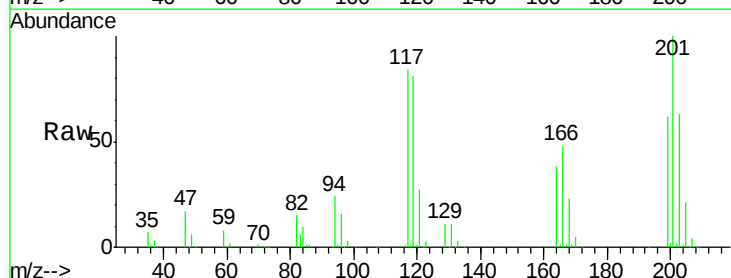
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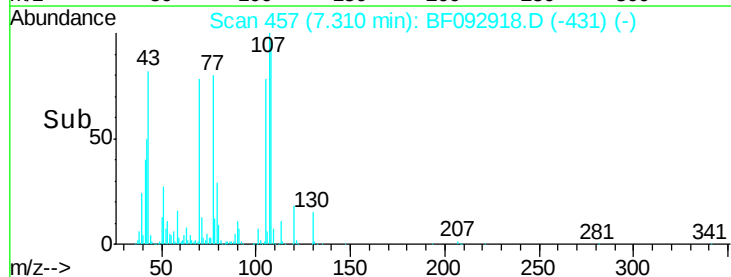
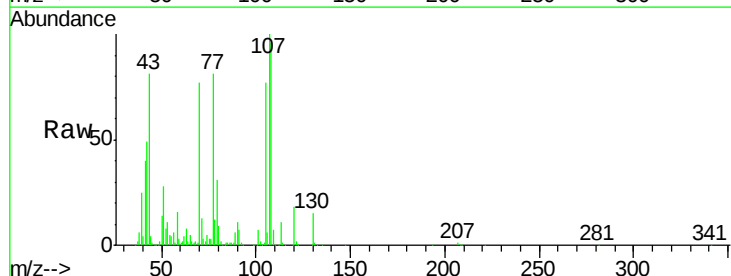
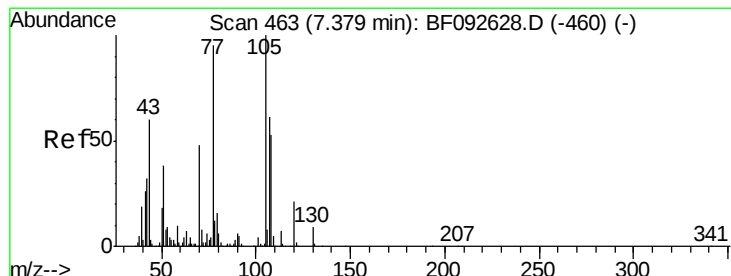
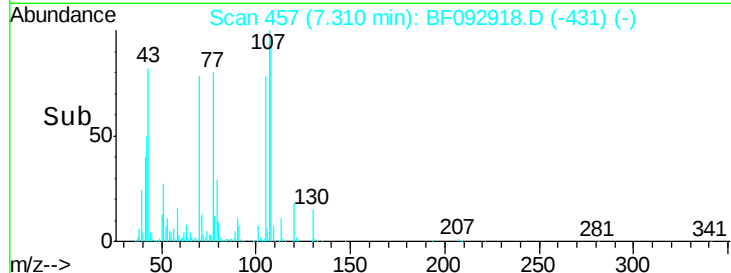
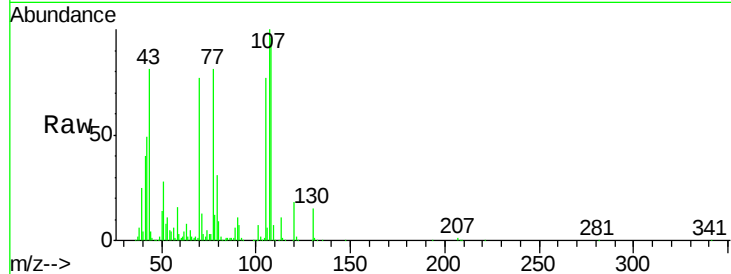
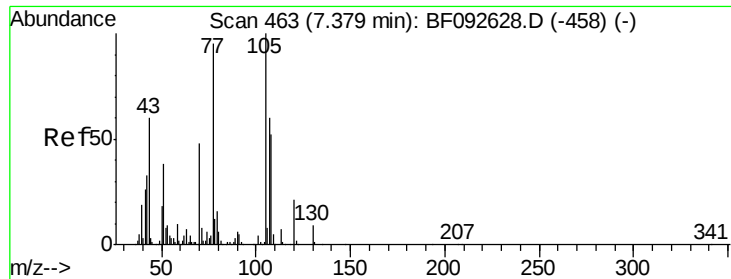
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#18
Hexachloroethane
Concen: 39.63 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

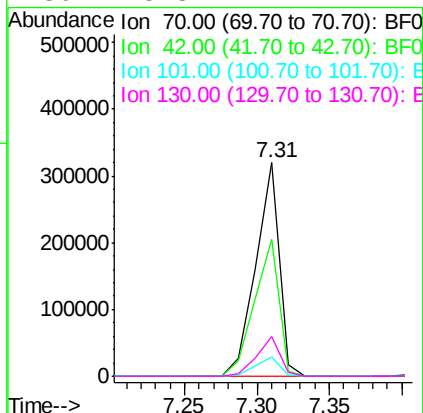
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	194471		
119	96.8	78.1	117.1	
201	119.2	78.6	117.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 39.97 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	359875		
42	63.9	49.4	74.0	
101	9.0	7.4	11.2	
130	18.8	14.2	21.4	



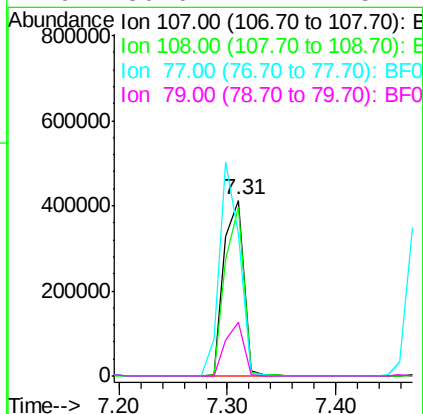
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

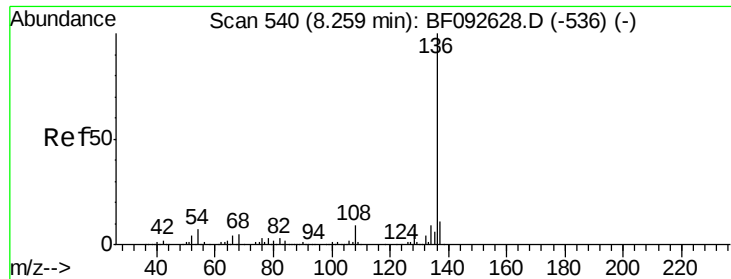
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#20
3+4-Methylphenols
Concen: 42.05 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	523065		
108	95.9	73.0	113.0	
77	80.6	71.3	111.3	
79	30.6	11.1	51.1	





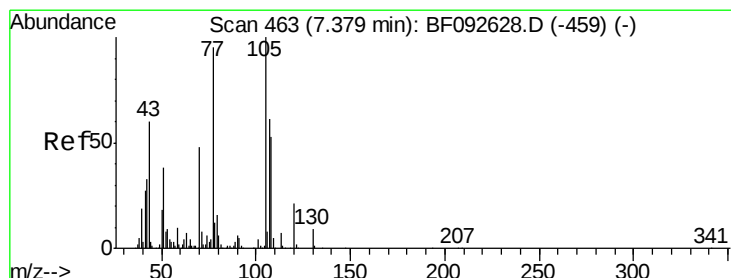
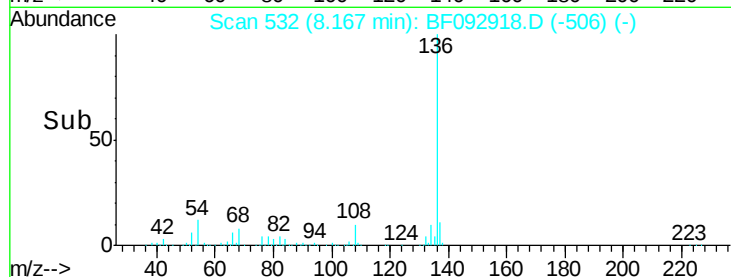
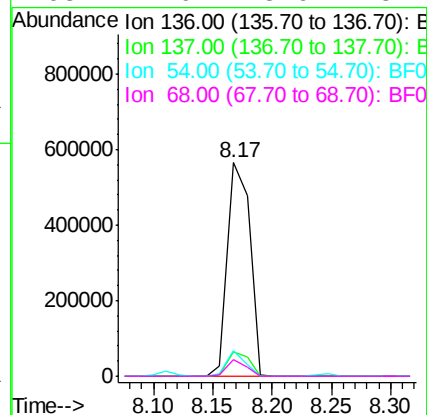
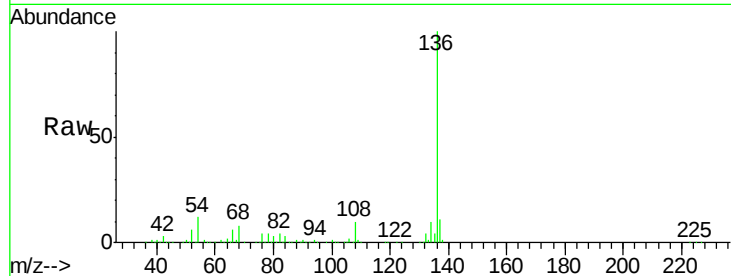
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	739834		
137	11.5	8.4	12.6	
54	12.1	4.5	6.7#	
68	7.9	3.6	5.4#	

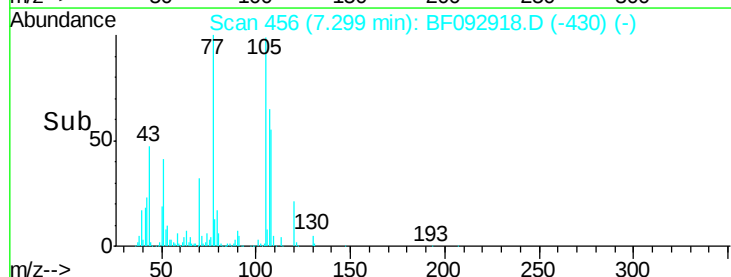
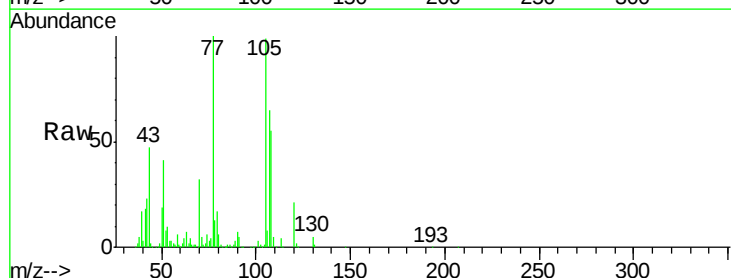
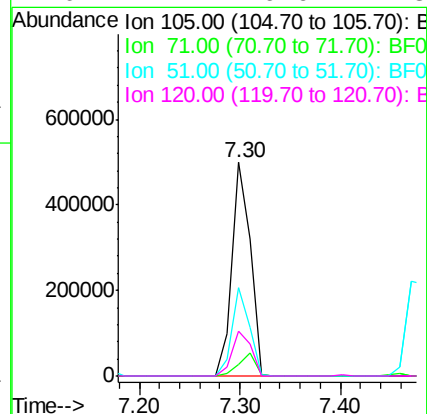
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#22
Acetophenone
Concen: 37.60 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	635112		
71	5.4	3.2	4.8#	
51	41.7	26.2	39.4#	
120	21.2	16.6	24.8	





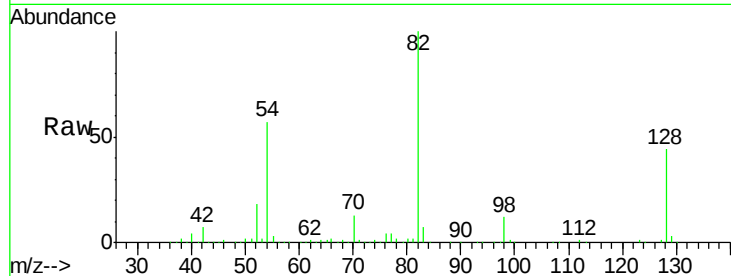
#23
 Nitrobenzene-d5
 Concen: 76.99 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

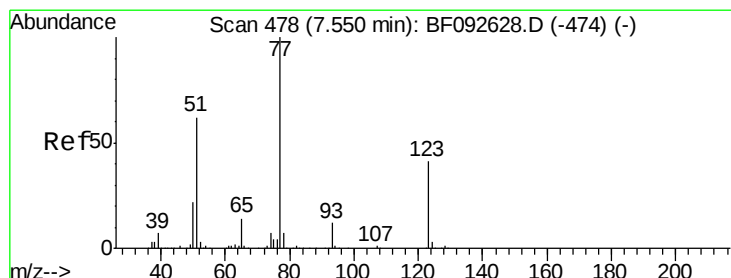
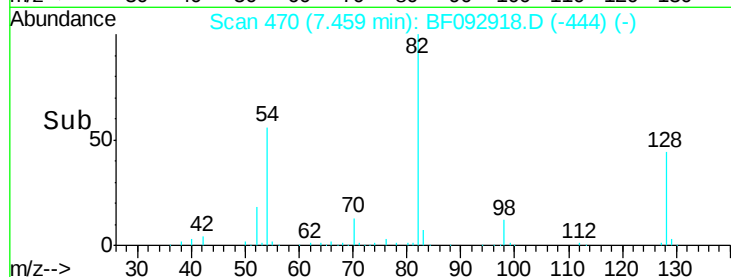
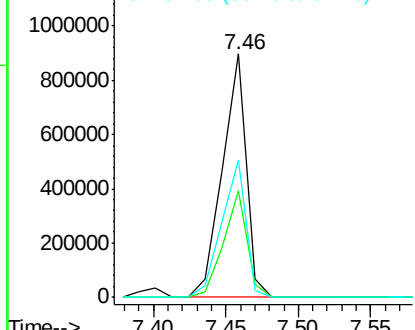
Tgt Ion: 82 Resp: 1022821
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 52.0
 54 56.5 39.5 59.3

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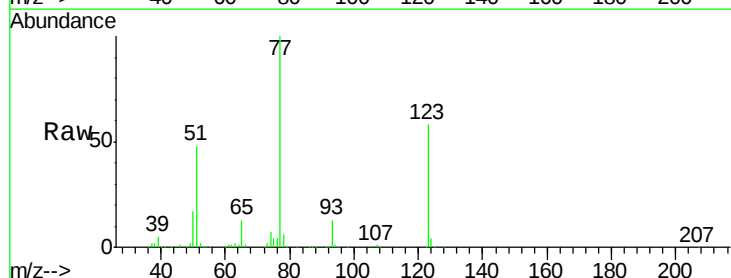


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

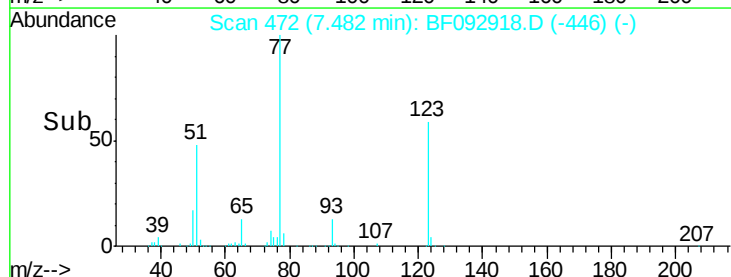
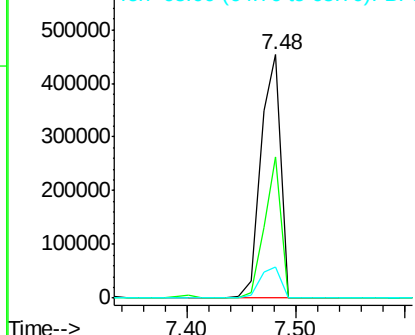


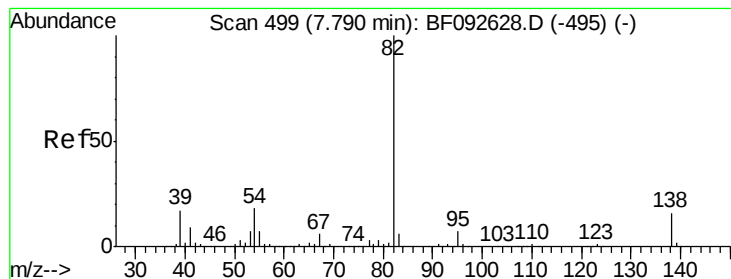
#24
 Nitrobenzene
 Concen: 42.31 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion: 77 Resp: 577186
 Ion Ratio Lower Upper
 77 100
 123 58.2 33.0 49.4#
 65 13.0 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.29 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1022228

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

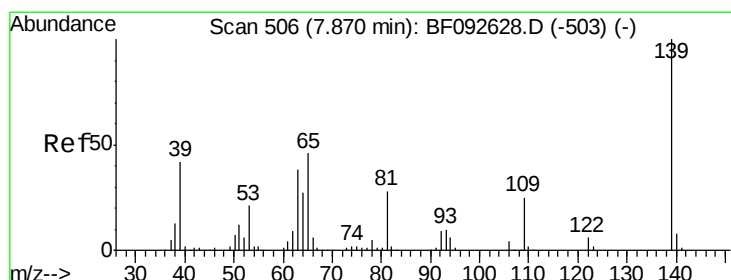
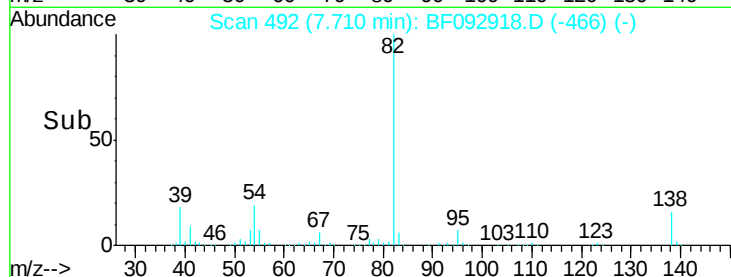
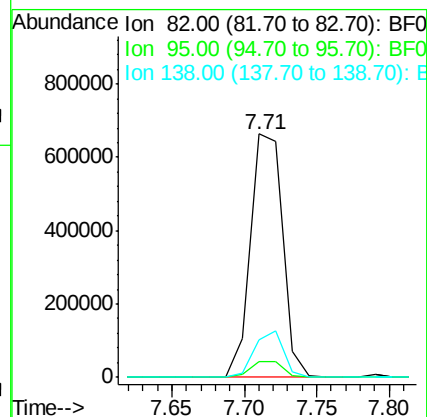
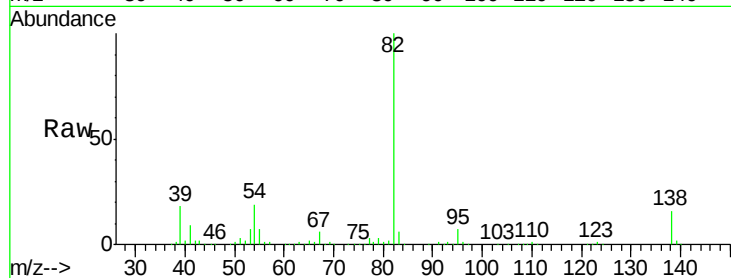
138 15.6 14.6 22.0

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#26

2-Nitrophenol

Concen: 43.20 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

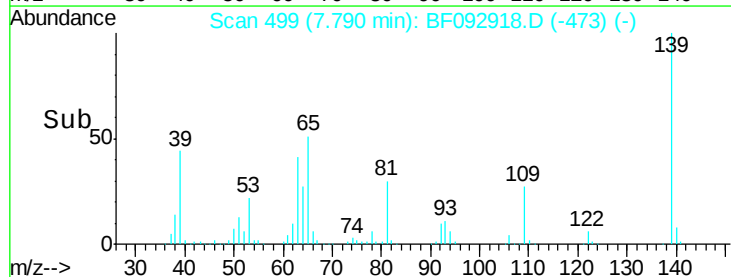
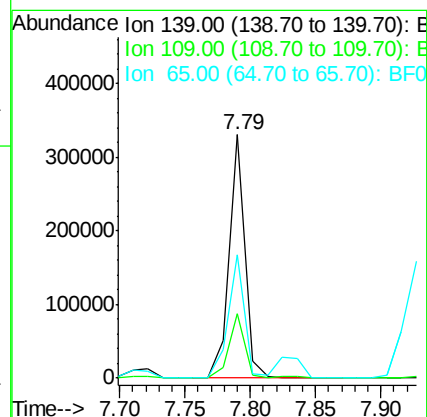
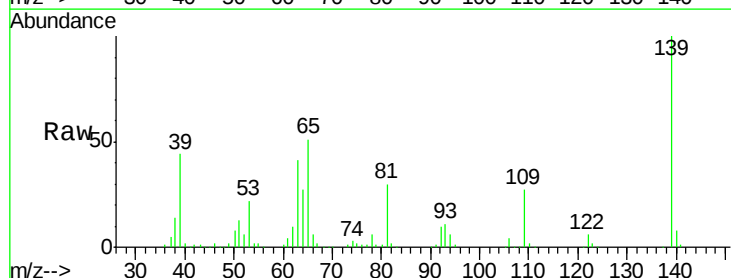
Tgt Ion: 139 Resp: 280146

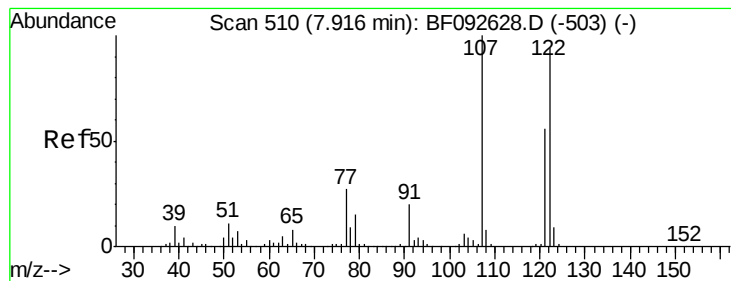
Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

65 50.8 42.7 64.1





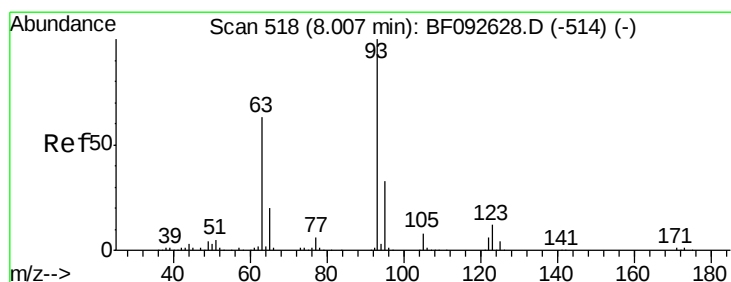
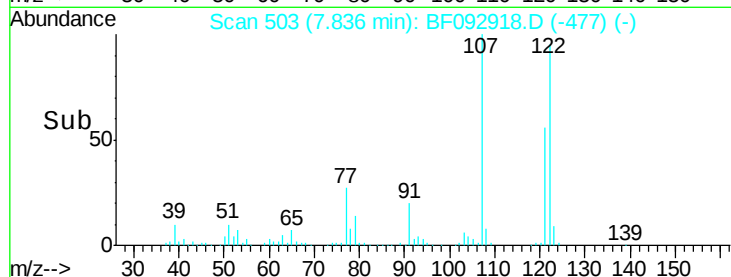
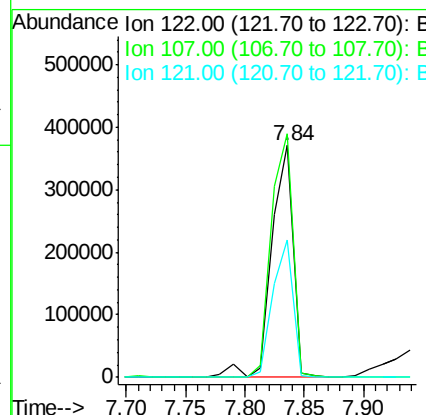
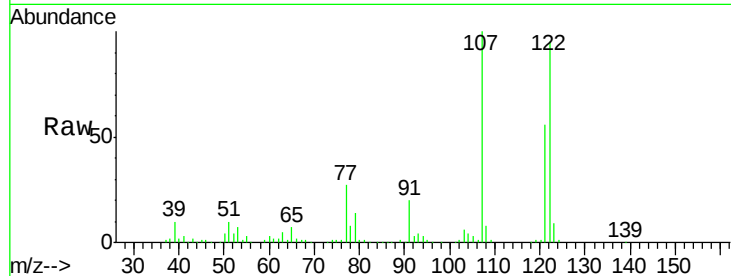
#27
2,4-Dimethylphenol
Concen: 41.21 ng
RT: 7.84 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	469288		
107	104.9	94.1	141.1	
121	59.2	46.0	69.0	

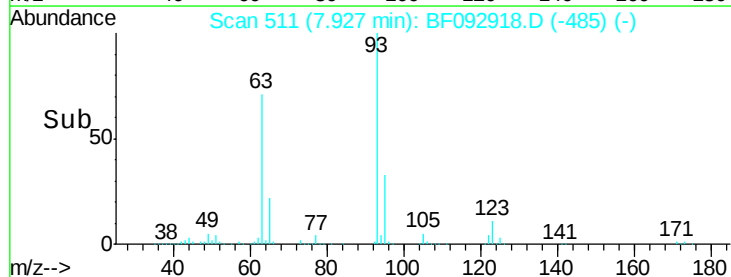
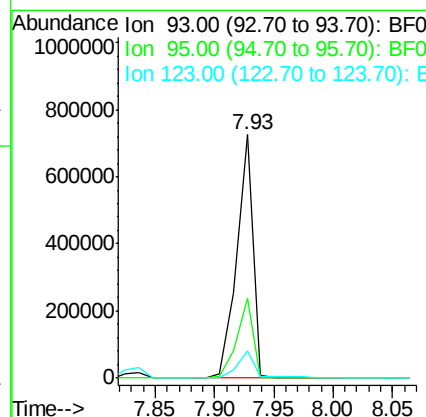
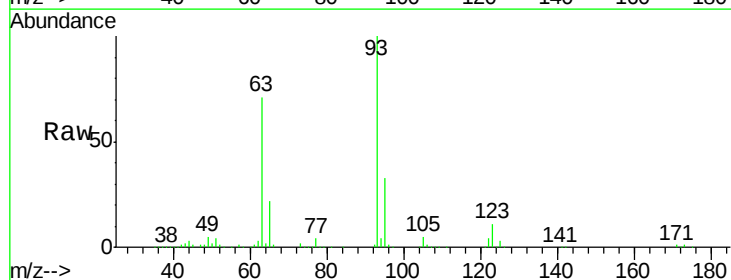
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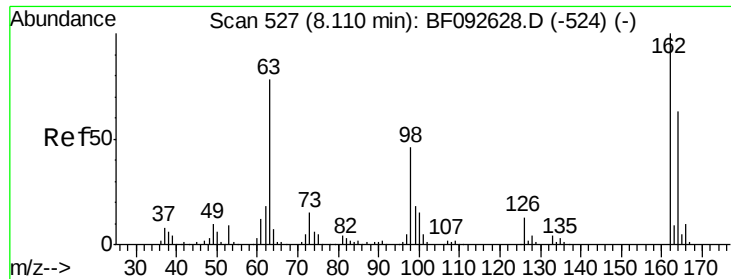
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.90 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	686913		
95	33.0	26.5	39.7	
123	11.1	8.6	13.0	





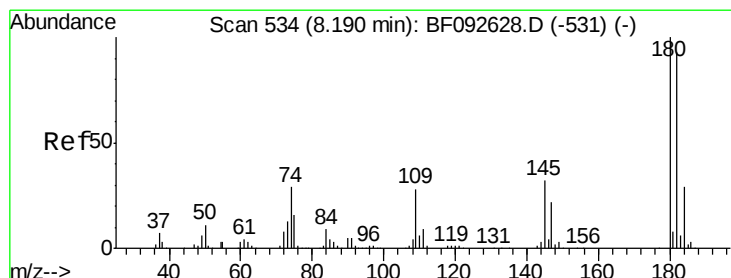
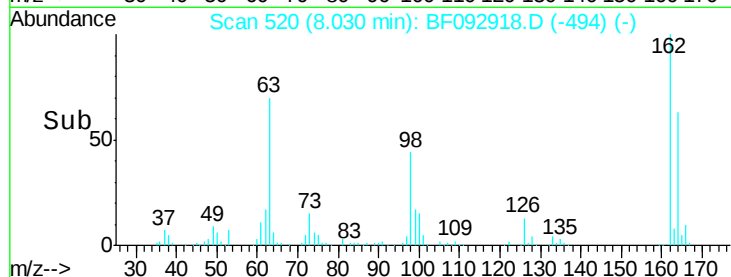
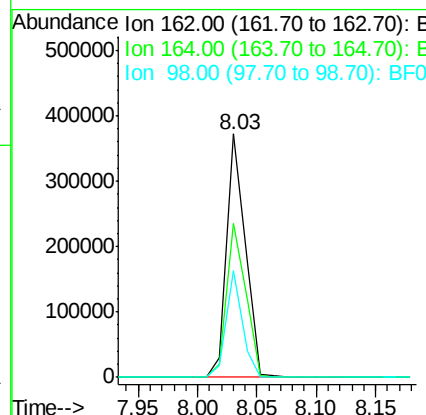
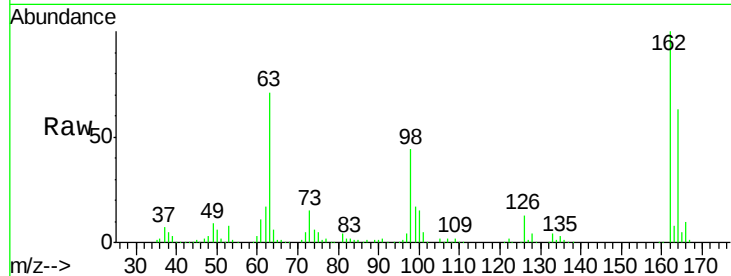
#29
2,4-Dichlorophenol
Concen: 37.84 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	401933		
164	63.2	46.8	86.8	
98	43.7	9.1	49.1	

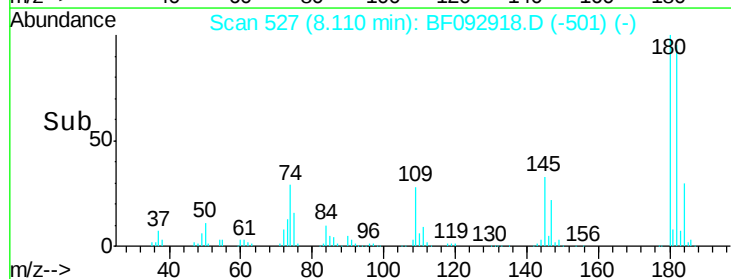
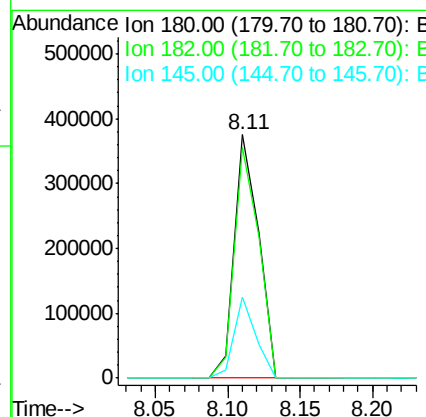
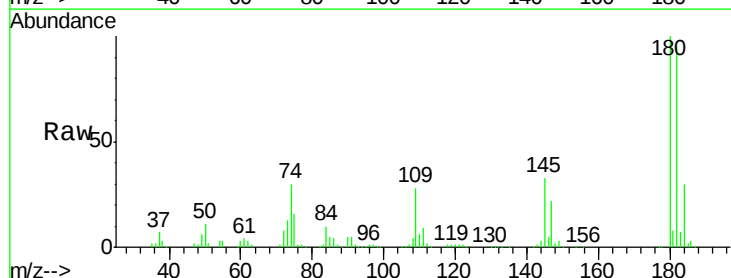
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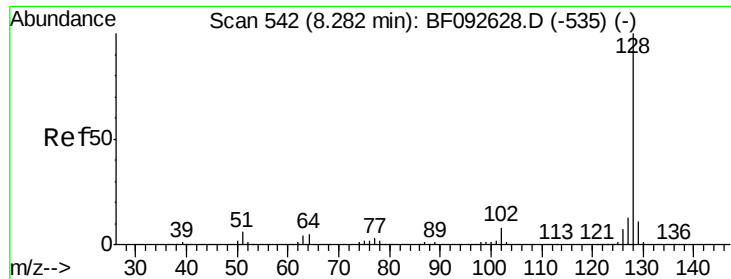
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.07 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	435710		
182	94.8	78.2	117.4	
145	33.2	21.6	32.4#	





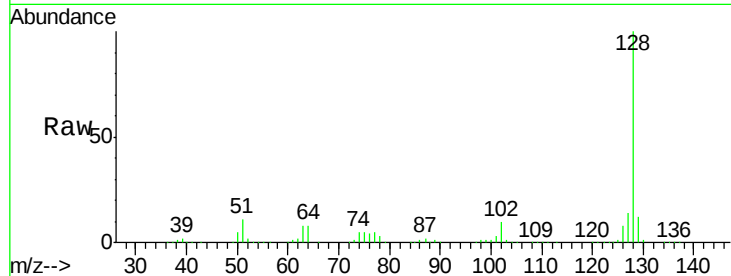
#31
Naphthalene
Concen: 37.19 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

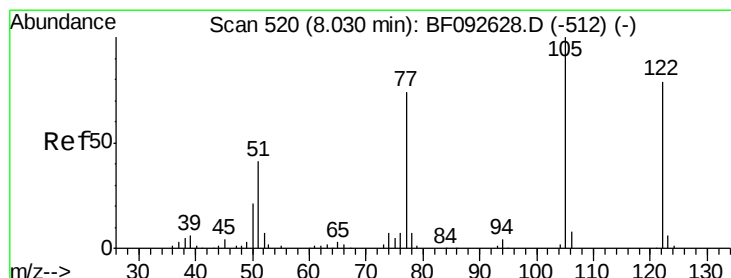
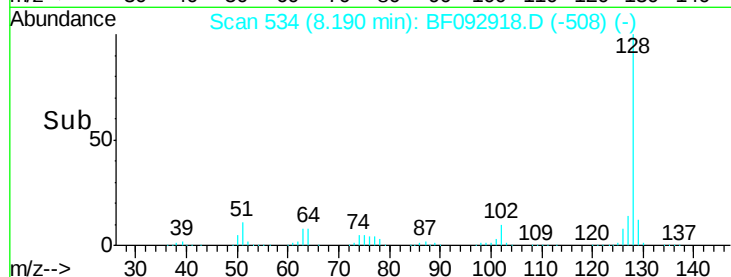
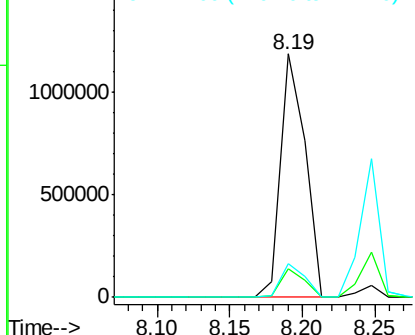
Tgt Ion:128 Resp: 1394938
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.7 10.8 16.2

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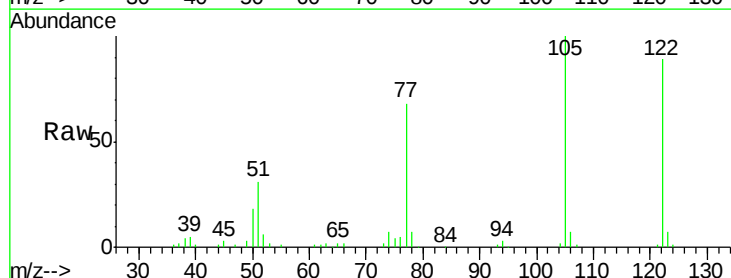


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

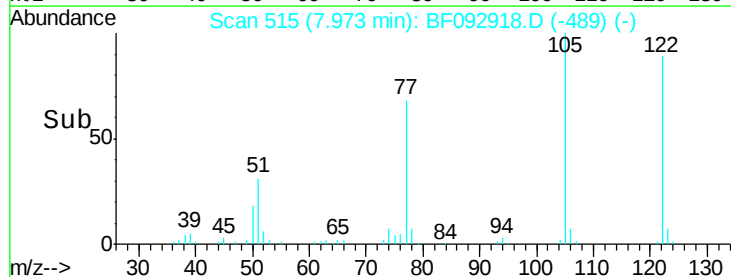
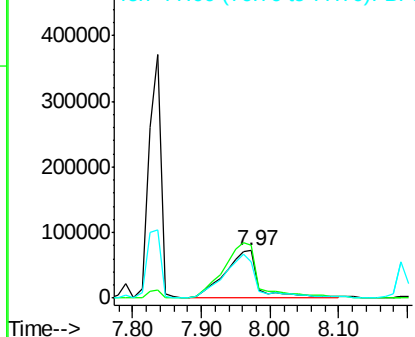


#32
Benzoic acid
Concen: 39.22 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion:122 Resp: 243135
Ion Ratio Lower Upper
122 100
105 111.9 107.2 147.2
77 76.1 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





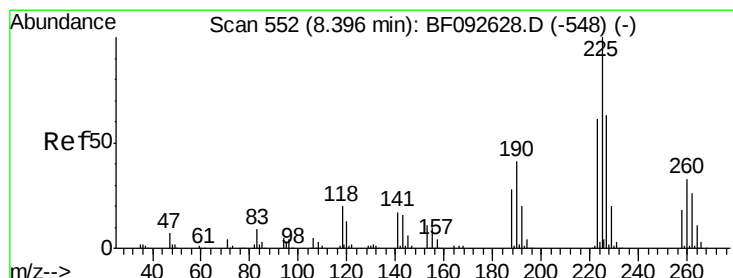
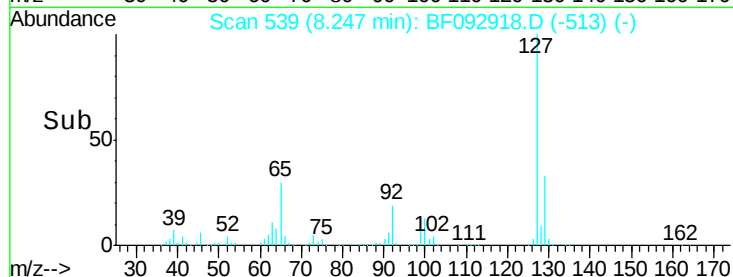
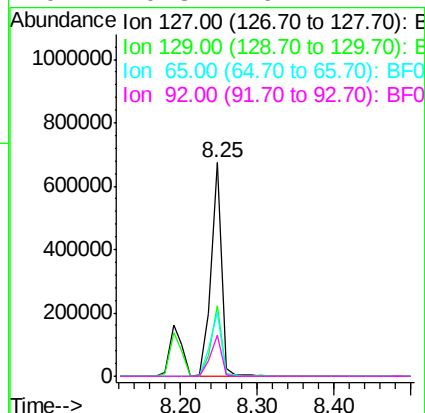
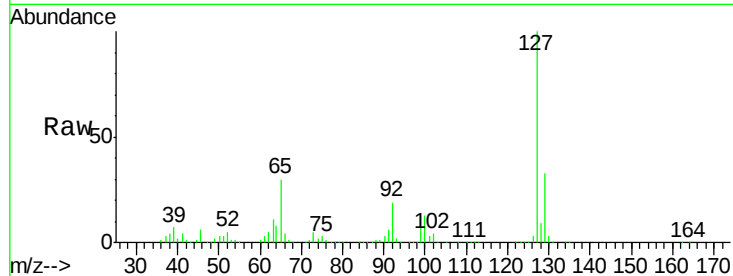
#33
4-Chloroaniline
Concen: 42.79 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	629355		
129	33.1	26.3	39.5	
65	30.1	25.8	38.8	
92	19.3	16.1	24.1	

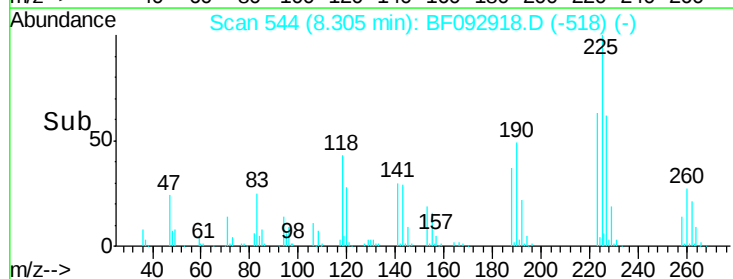
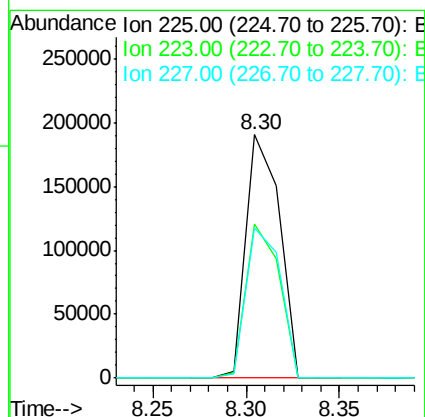
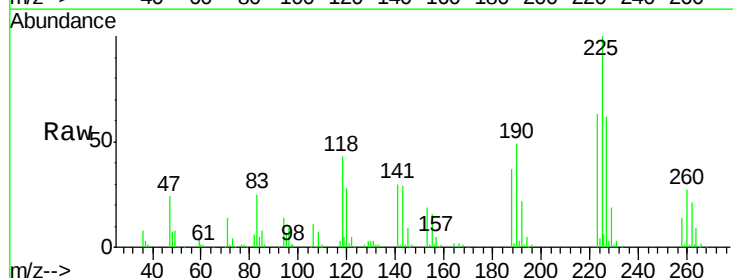
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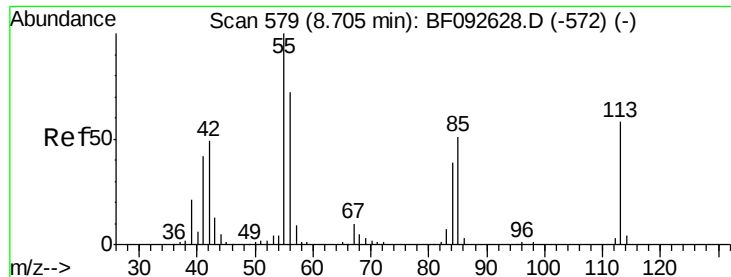
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#34
Hexachlorobutadiene
Concen: 37.81 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	238106		
223	63.5	51.0	76.6	
227	61.9	50.6	76.0	





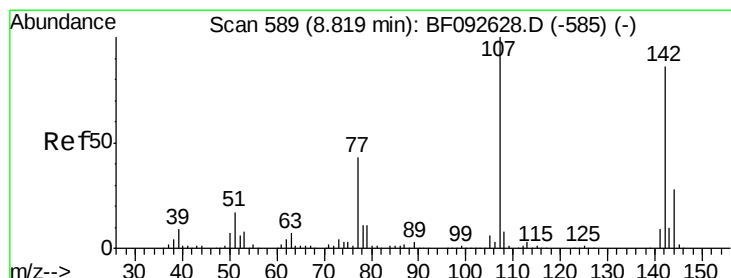
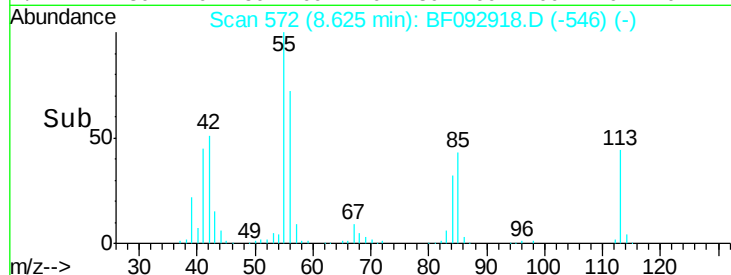
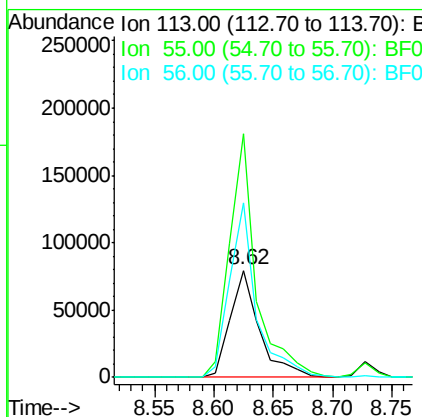
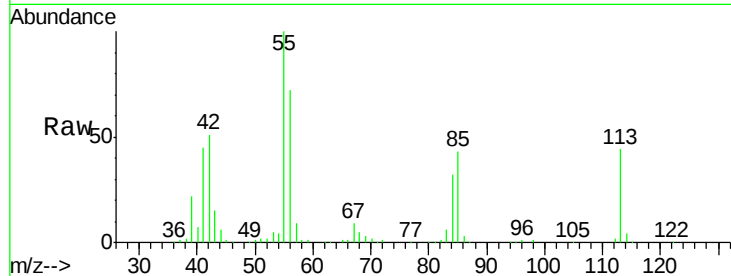
#35
 Caprolactam
 Concen: 40.84 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
113	100		
55	227.0	119.2	159.2#
56	163.2	83.8	123.8#

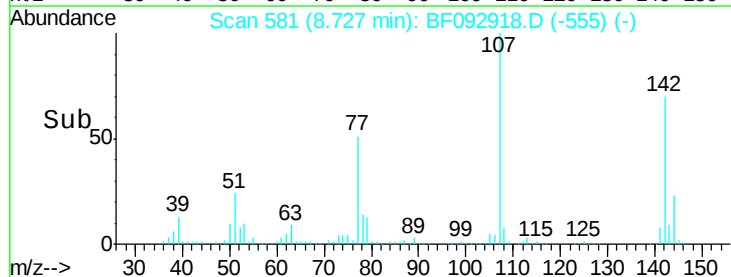
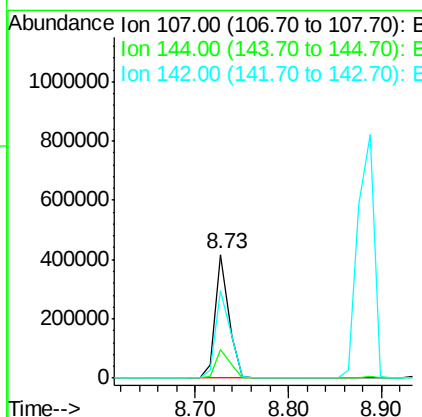
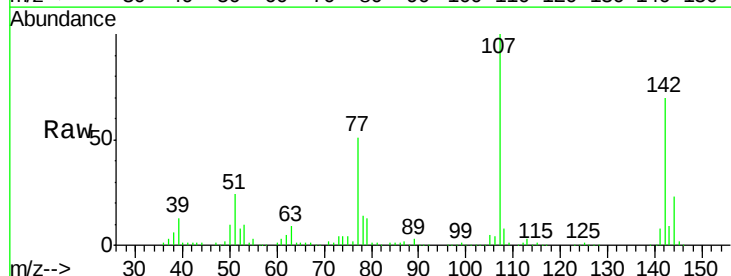
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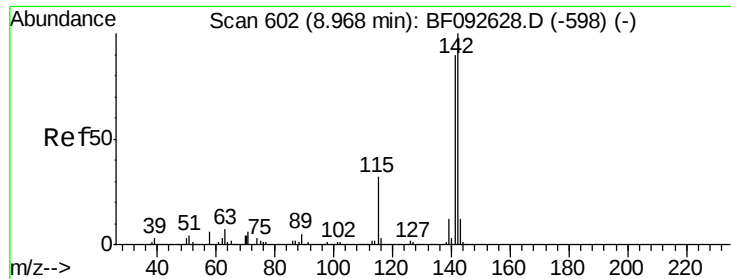
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#36
 4-Chloro-3-methylphenol
 Concen: 38.09 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.3	28.9
142	70.3	59.0	88.6





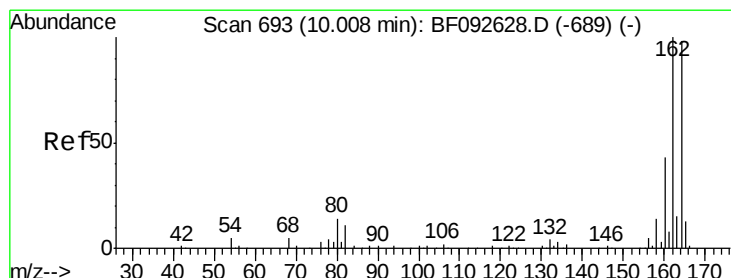
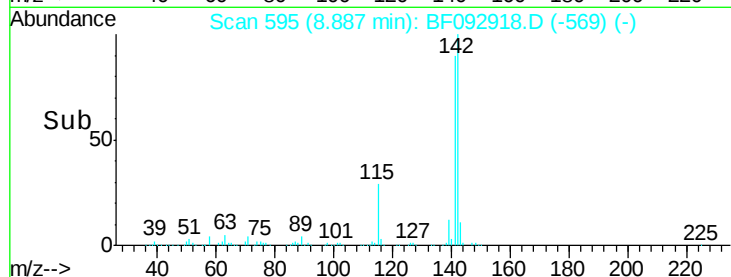
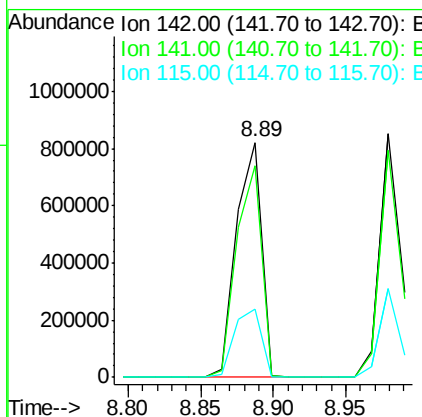
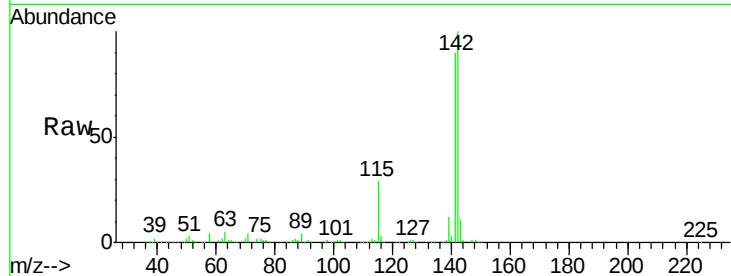
#37
2-Methylnaphthalene
Concen: 41.11 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	29.3	28.3	42.5

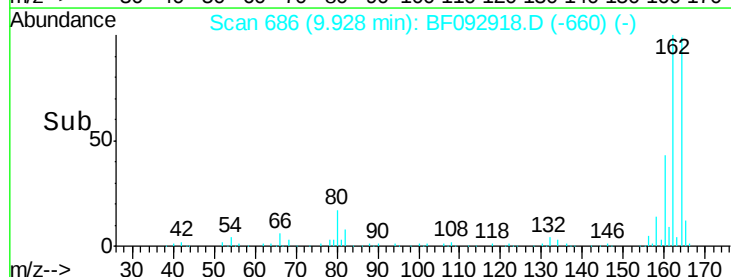
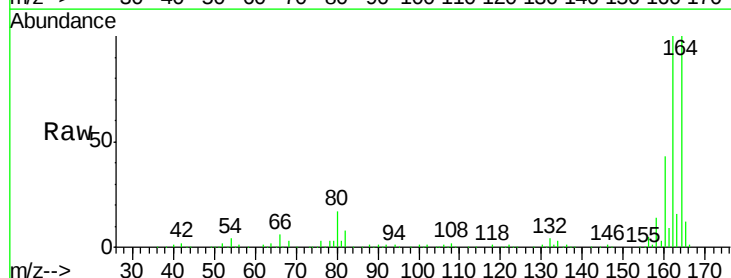
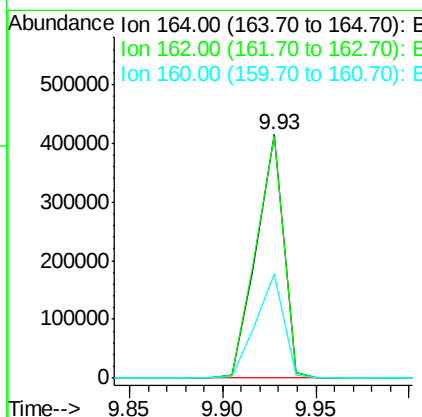
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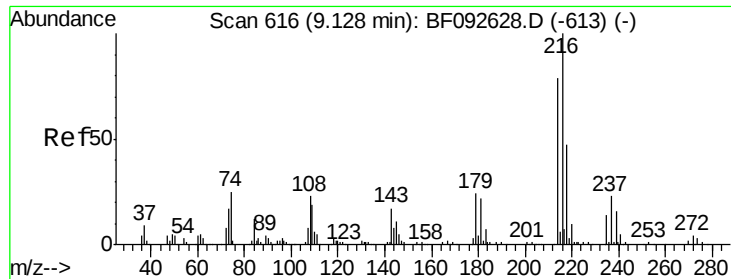
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.2
160	43.0	36.9	55.3





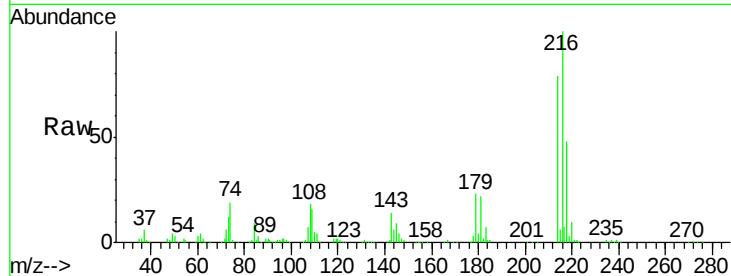
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.84 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

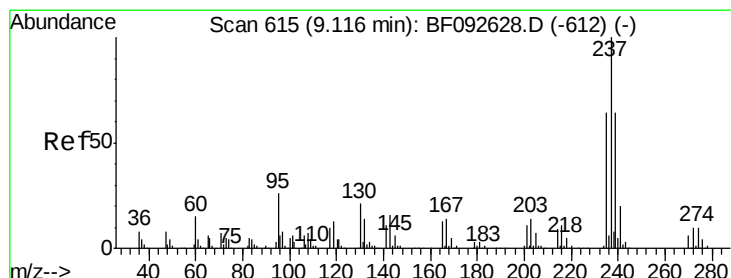
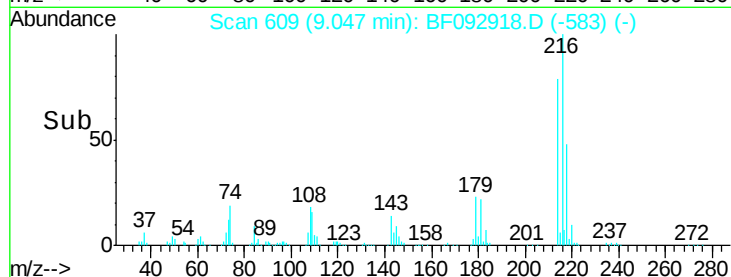
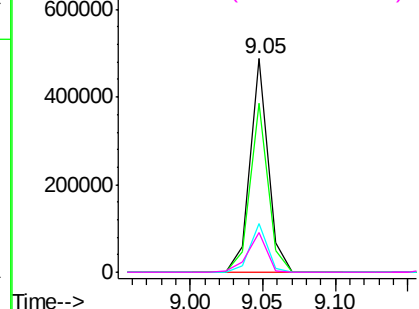
Tgt Ion:	216	Resp:	422173
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.4	95.0
179	22.1	17.4	26.2
108	19.5	15.6	23.4

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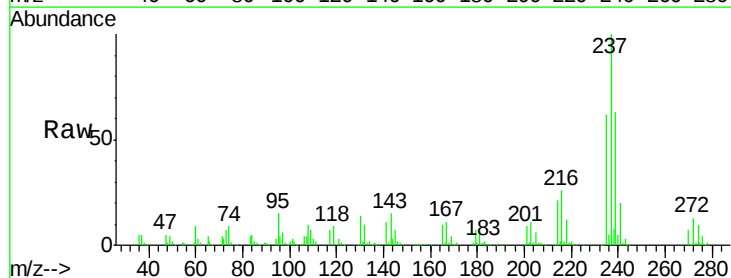


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

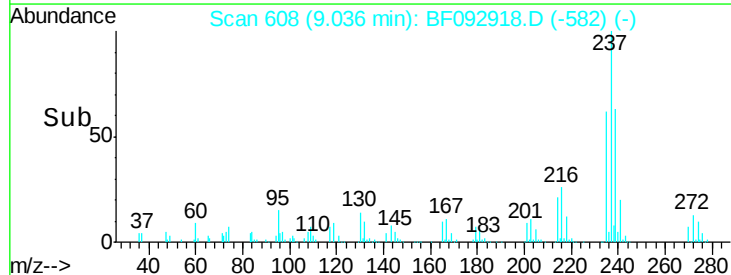
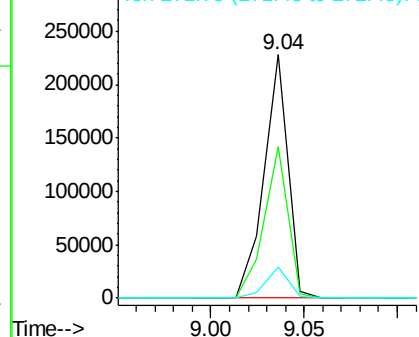


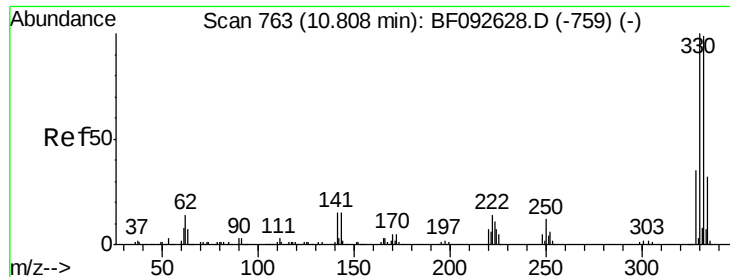
#40
 Hexachlorocyclopentadiene
 Concen: 37.85 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion:	237	Resp:	201202
Ion Ratio	Lower	Upper	
237	100		
235	62.2	41.2	81.2
272	12.7	0.0	35.4



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





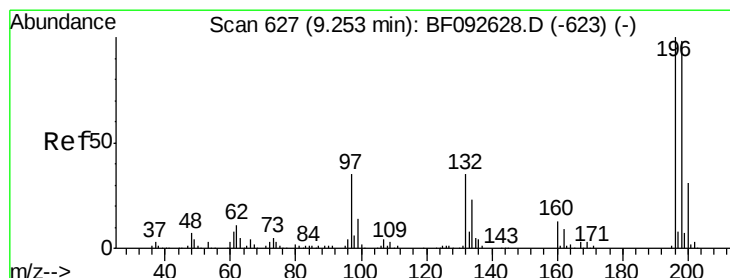
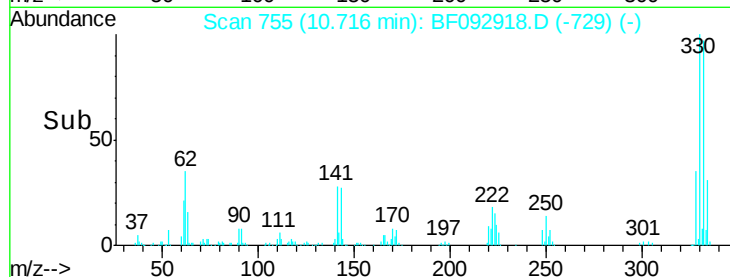
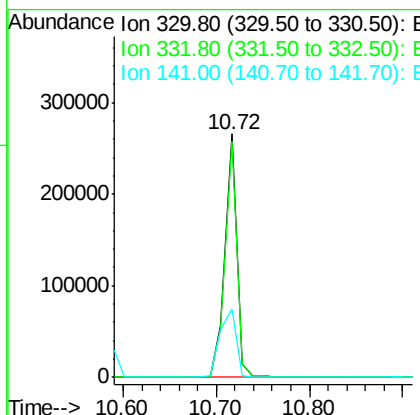
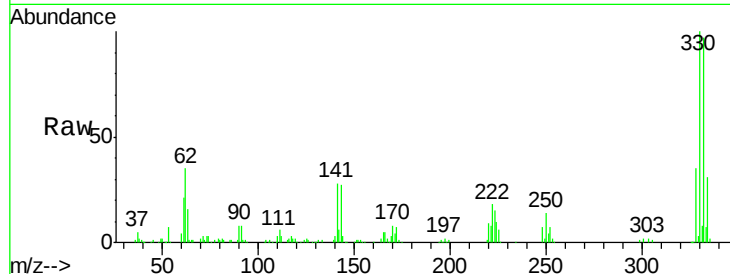
#41
 2,4,6-Tribromophenol
 Concen: 78.00 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	236755		
332	95.8	77.4	116.2	
141	38.5	34.1	51.1	

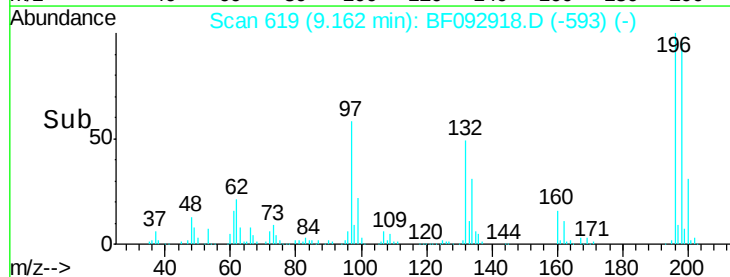
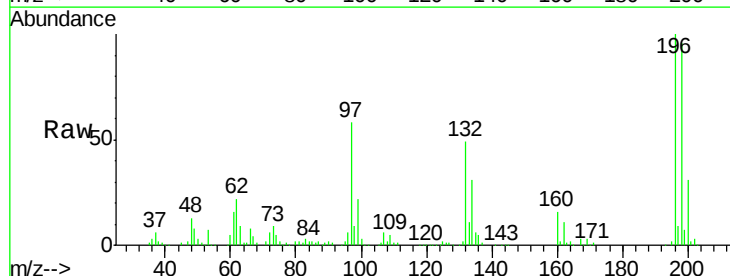
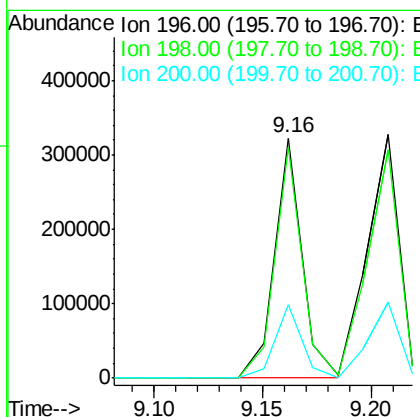
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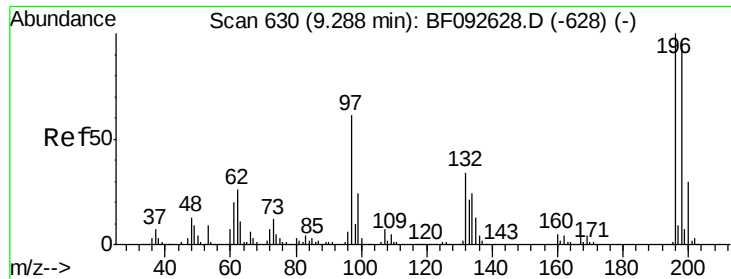
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 37.18 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287815		
198	96.2	82.1	123.1	
200	30.6	27.0	40.4	





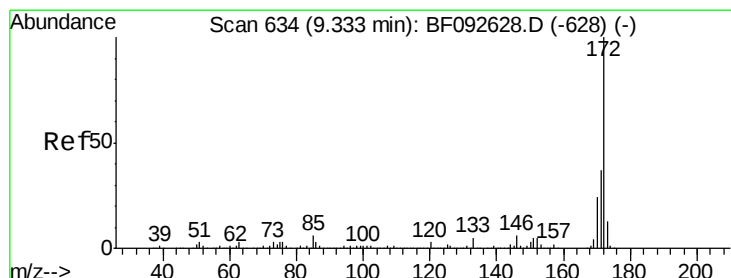
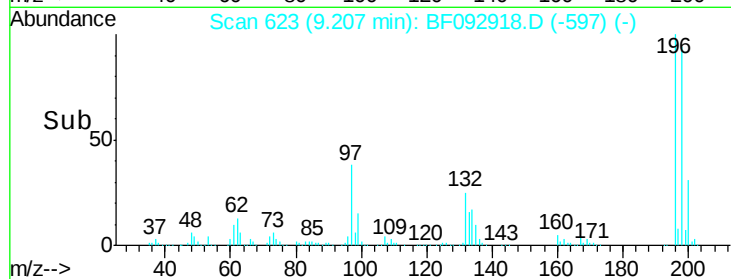
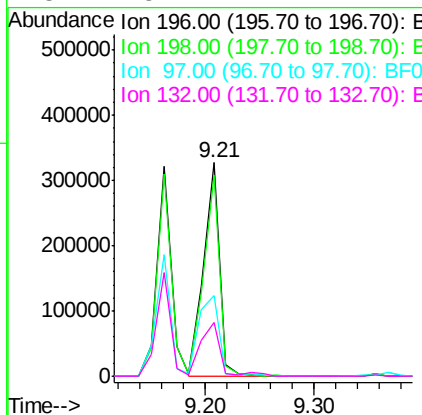
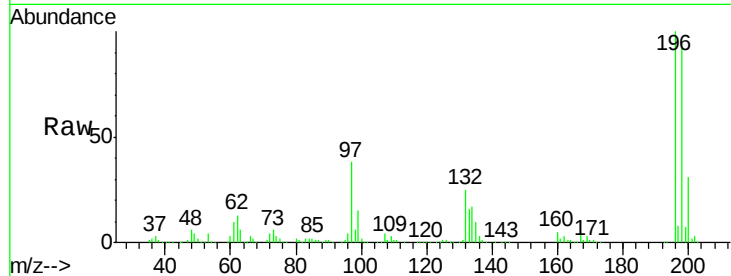
#43
 2,4,5-Trichlorophenol
 Concen: 39.47 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	334739		
198	93.9	79.4	119.2	
97	37.8	51.5	77.3	
132	25.4	27.4	41.2	

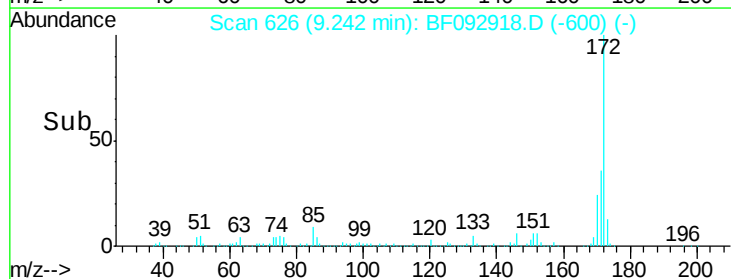
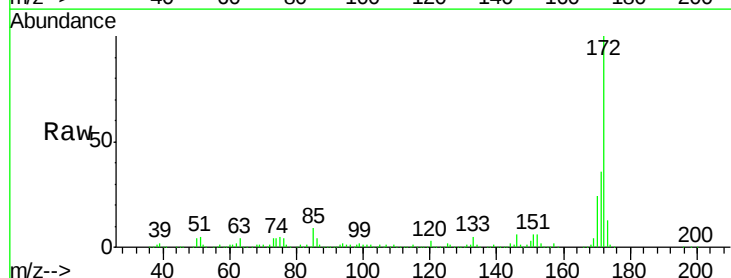
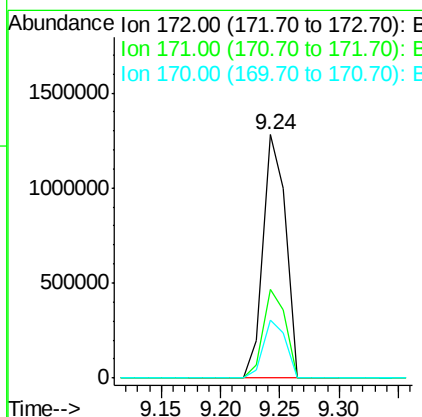
Manual Integrations
 APPROVED

mohammad
 2/14/2017 11:30:00 AM



#44
 2-Fluorobiphenyl
 Concen: 73.40 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1700288		
171	36.4	29.4	44.0	
170	23.9	20.2	30.4	





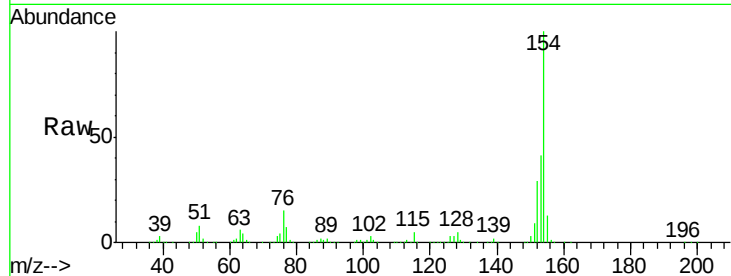
#45
 1,1'-Biphenyl
 Concen: 34.72 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	15.2	0.0	30.5

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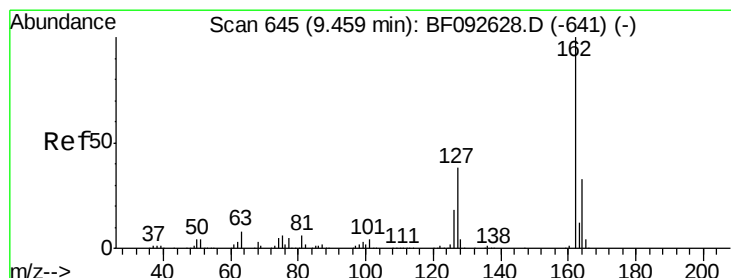
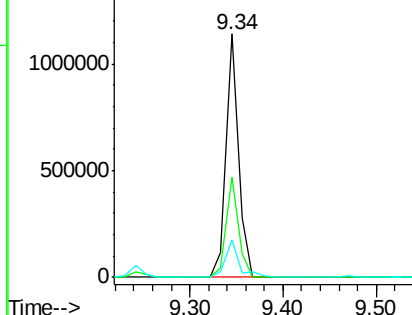
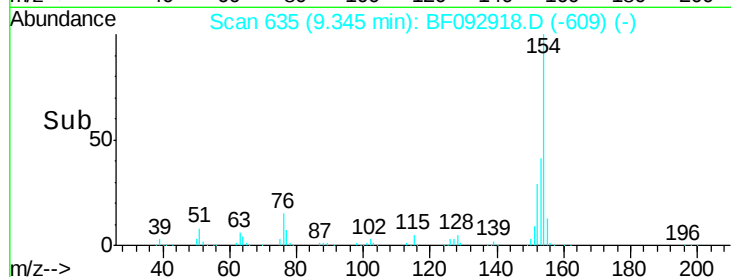


Abundance

Ion 154.00 (153.70 to 154.70): E

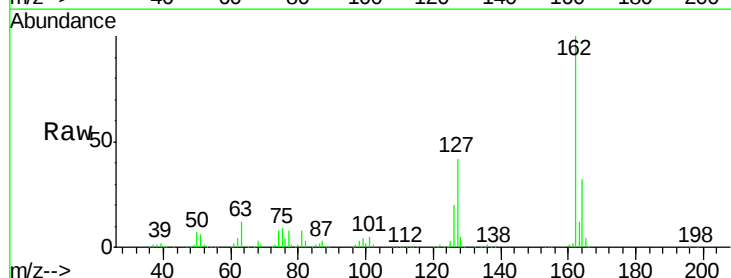
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 37.97 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	30.7	46.1
164	32.4	27.6	41.4

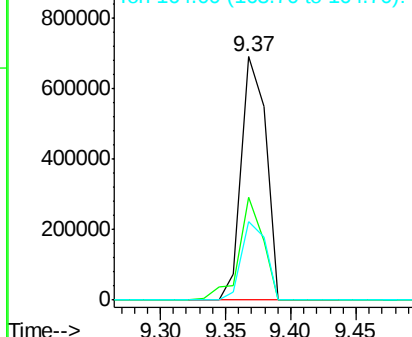
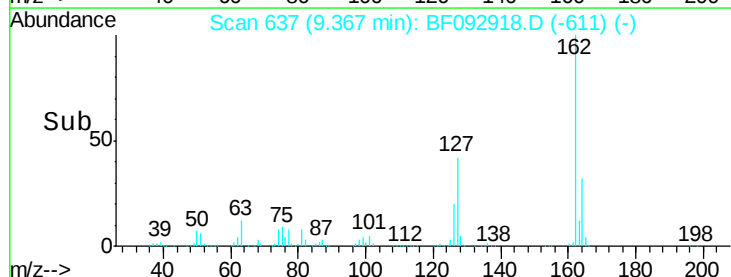


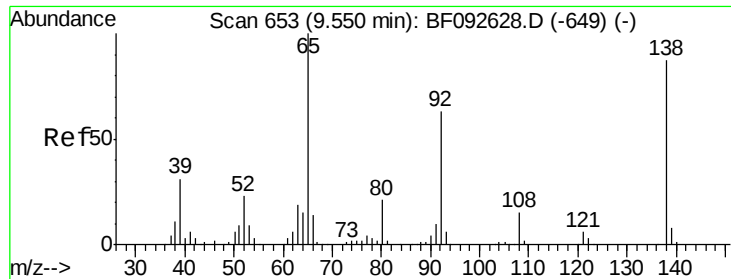
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





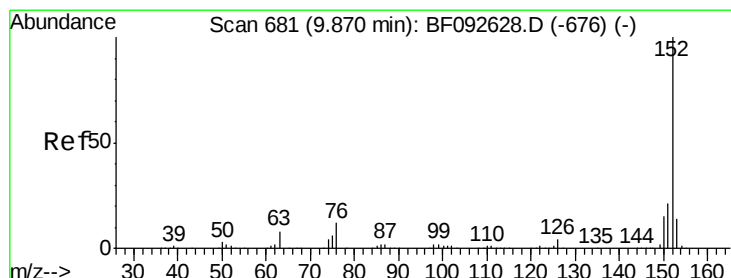
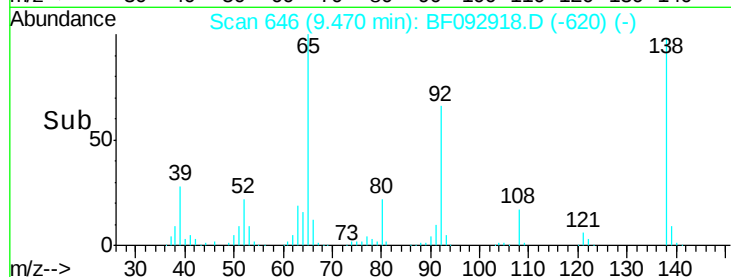
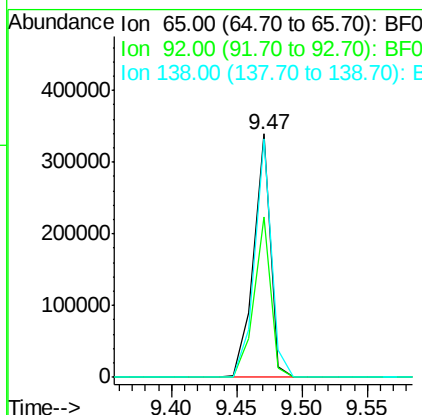
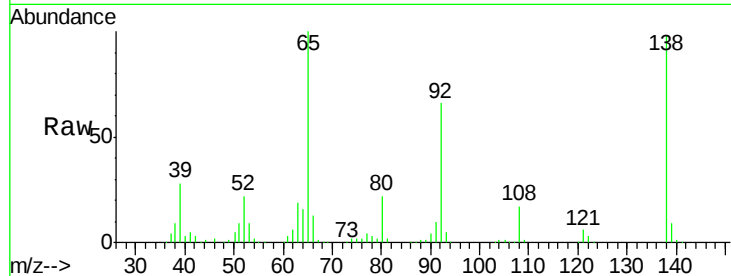
#47
2-Nitroaniline
Concen: 38.40 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.9	80.9
138	97.7	76.8	115.2

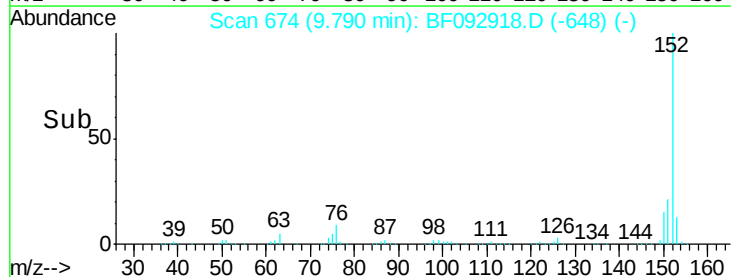
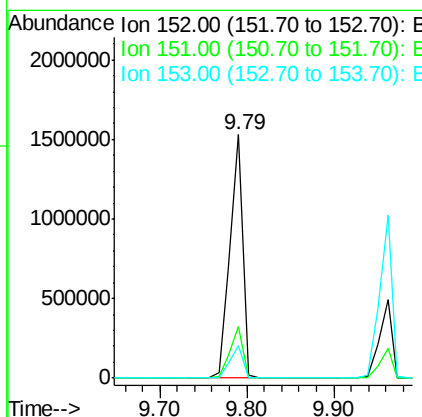
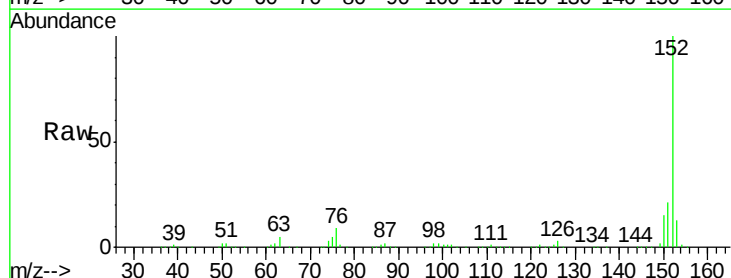
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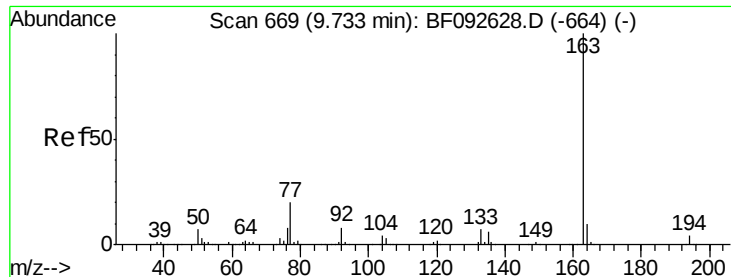
mohammad
2/14/2017 11:30:00 AM



#48
Acenaphthylene
Concen: 37.86 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.4	11.4	17.2





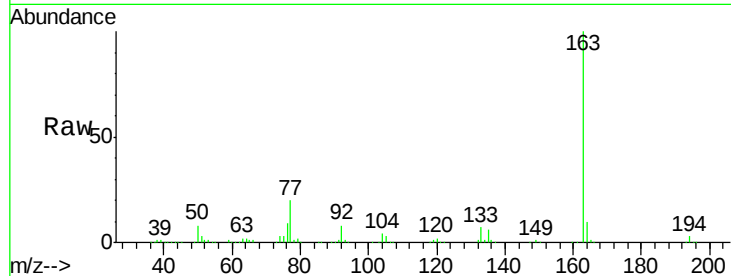
#49
Dimethylphthalate
Concen: 37.35 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

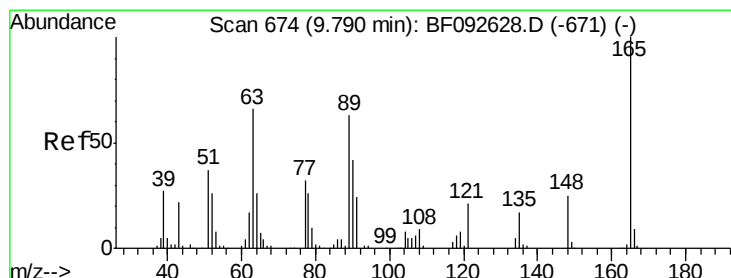
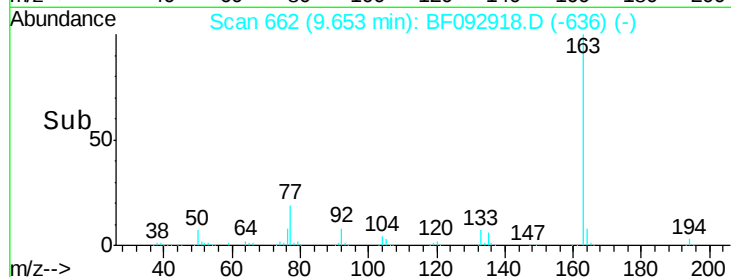
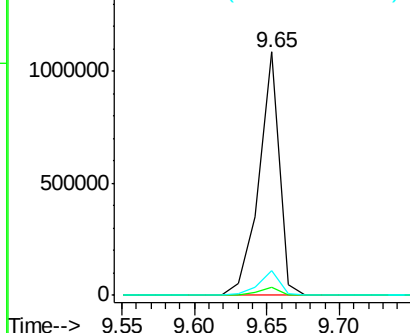
Tgt Ion:163 Resp: 1055745
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.2 8.0 12.0

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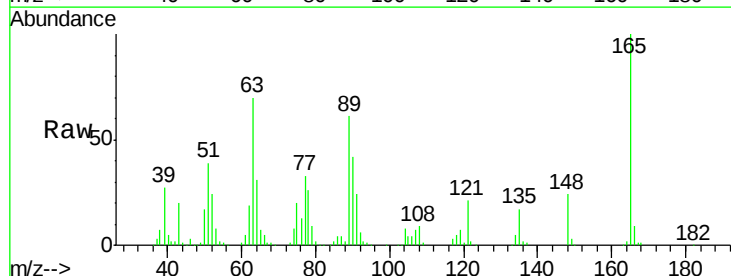


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

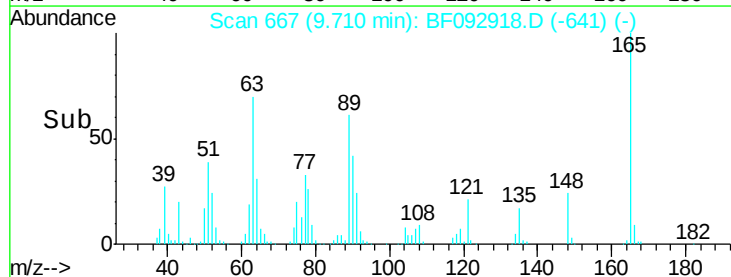
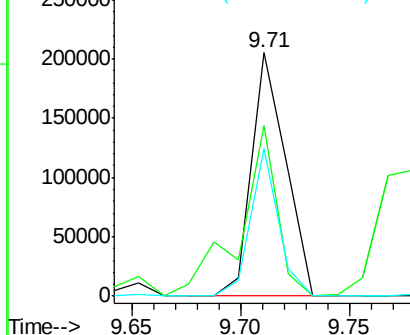


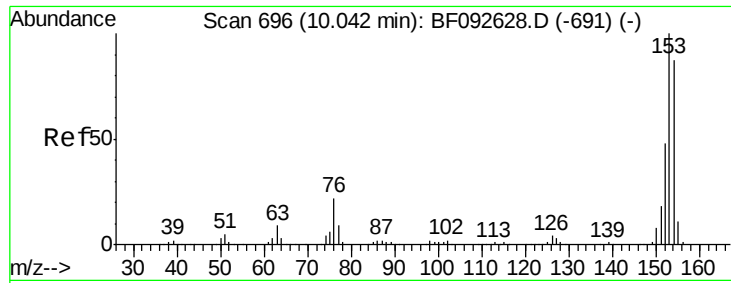
#50
2,6-Dinitrotoluene
Concen: 36.73 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion:165 Resp: 224215
Ion Ratio Lower Upper
165 100
63 69.9 36.2 54.4#
89 60.6 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





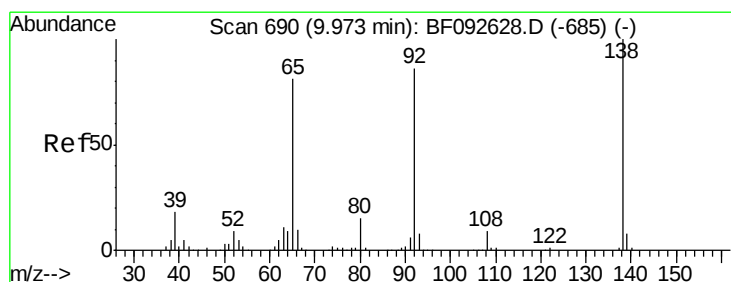
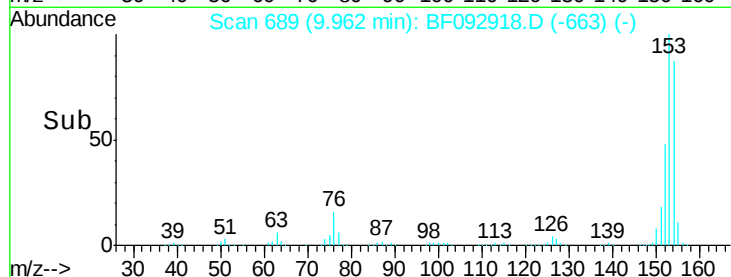
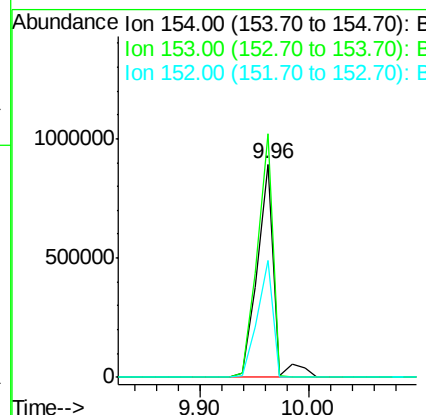
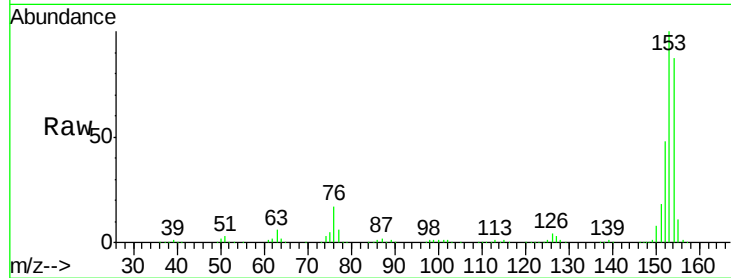
#51
Acenaphthene
Concen: 39.03 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.6	133.0
152	55.1	41.6	62.4

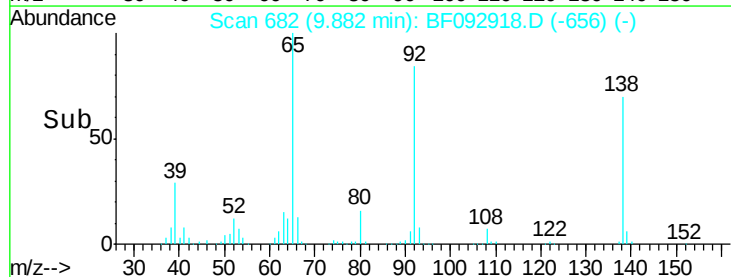
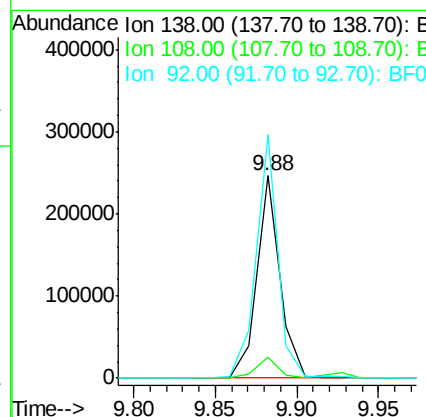
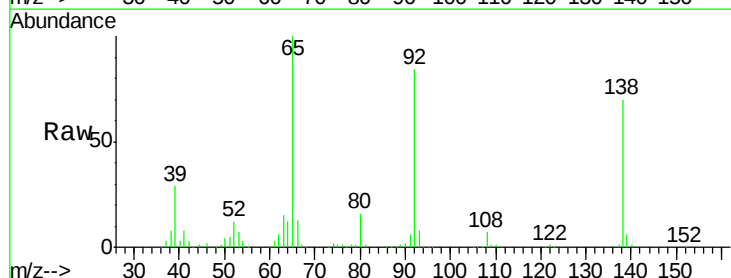
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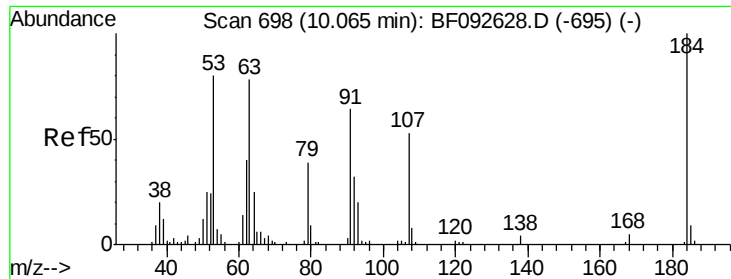
mohammad
2/14/2017 11:30:00 AM



#52
3-Nitroaniline
Concen: 34.52 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	120.4	97.8	146.8





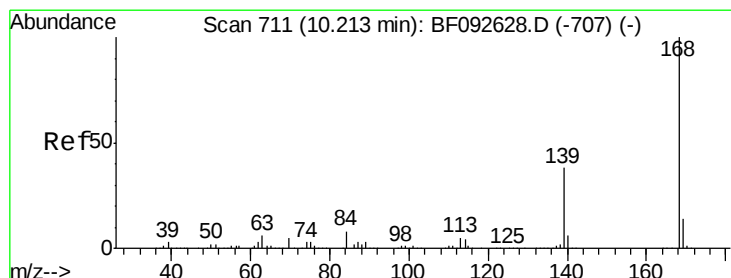
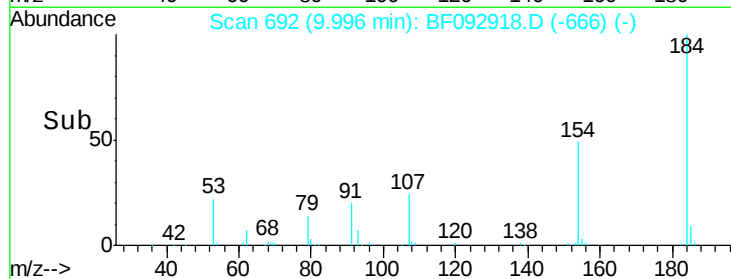
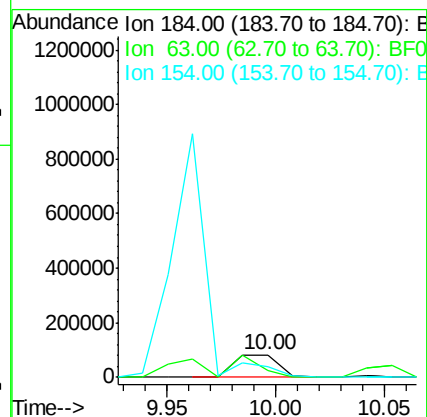
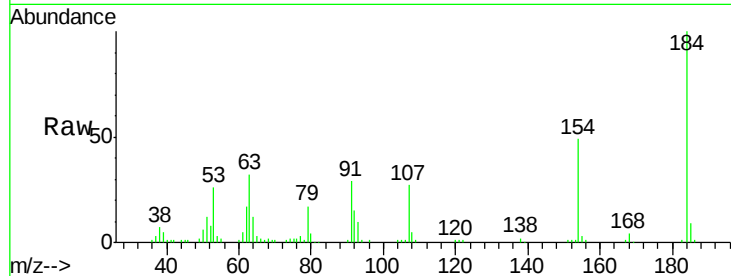
#53
2,4-Dinitrophenol
Concen: 41.07 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	119953		
63	32.3	28.4	42.6	
154	48.6	44.3	66.5	

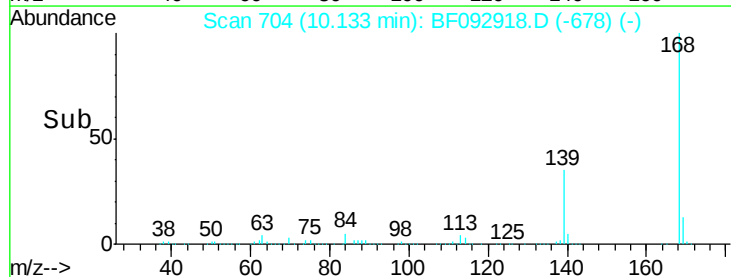
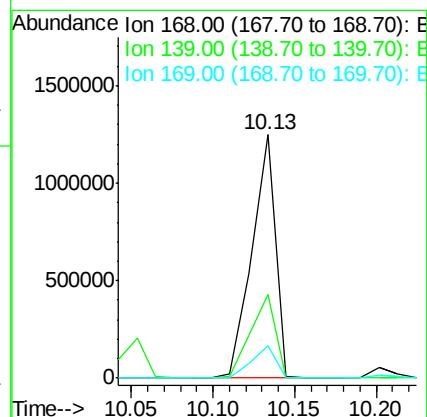
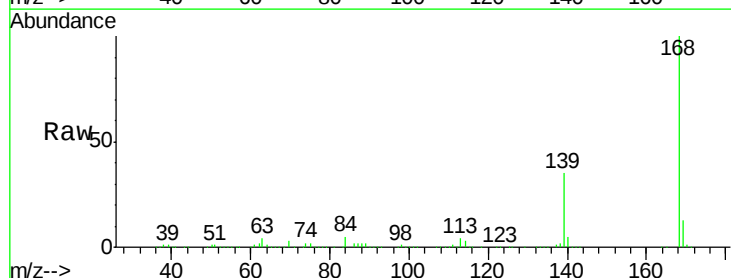
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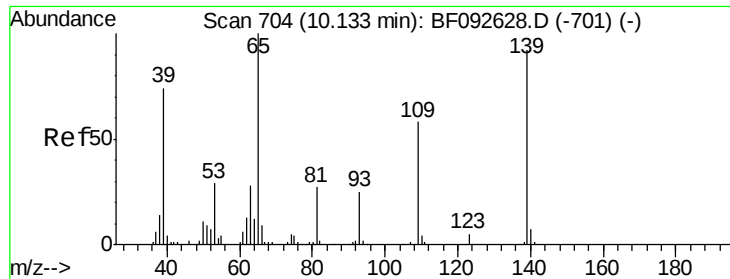
mohammad
2/14/2017 11:30:00 AM



#54
Dibenzofuran
Concen: 37.98 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1247438		
139	34.5	32.6	49.0	
169	13.2	11.3	16.9	





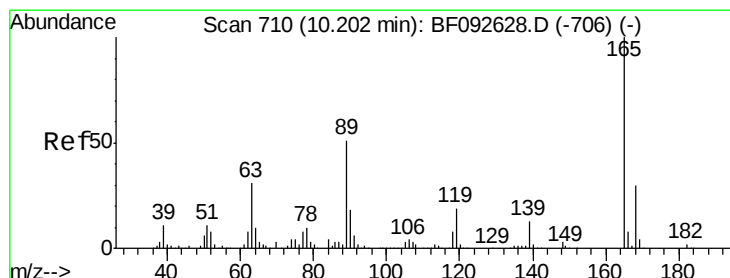
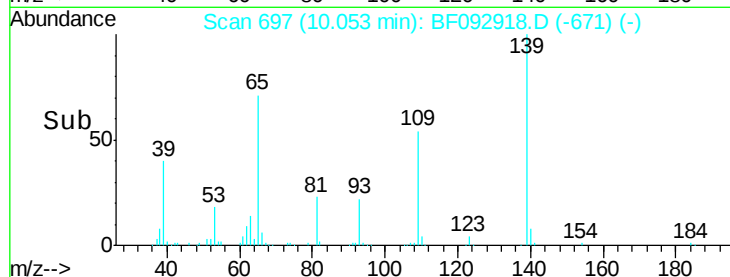
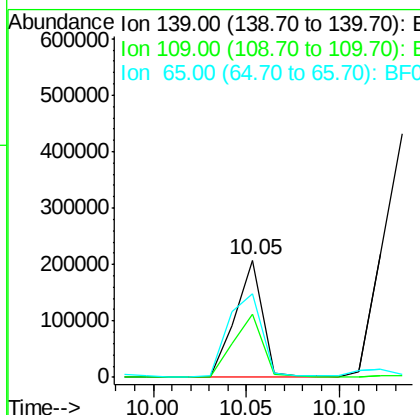
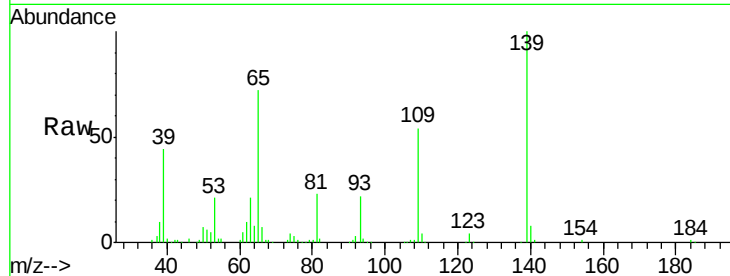
#55
4-Nitrophenol
Concen: 43.00 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	216389		
109	54.4	52.2	92.2	
65	71.8	85.8	125.8	

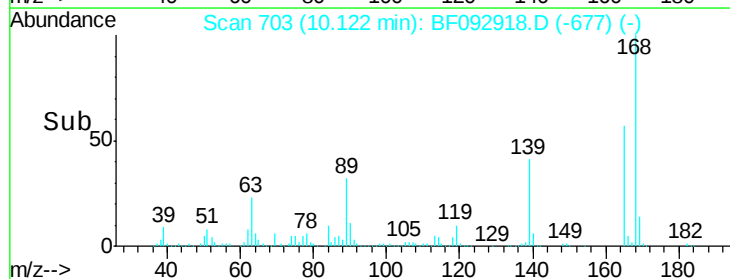
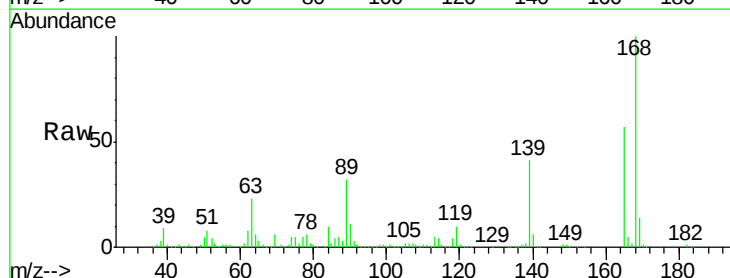
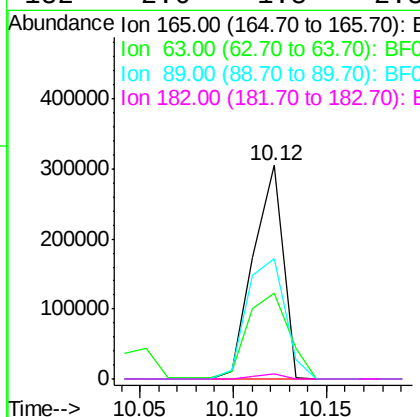
Manual Integrations
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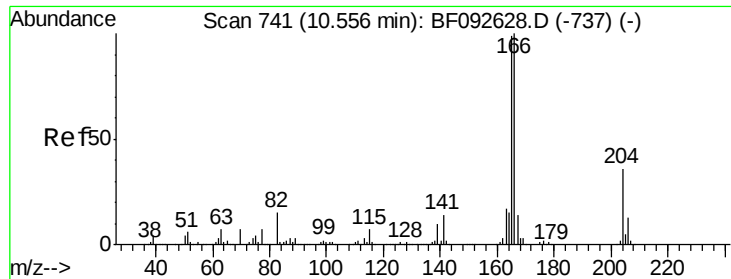
mohammad
2/14/2017 11:30:00 AM



#56
2,4-Dinitrotoluene
Concen: 41.39 ng
RT: 10.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	336424		
63	40.3	40.2	60.4	
89	56.3	62.5	93.7	
182	2.6	1.8	2.8	





#57

Fluorene

Concen: 40.10 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:166 Resp: 1013155

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

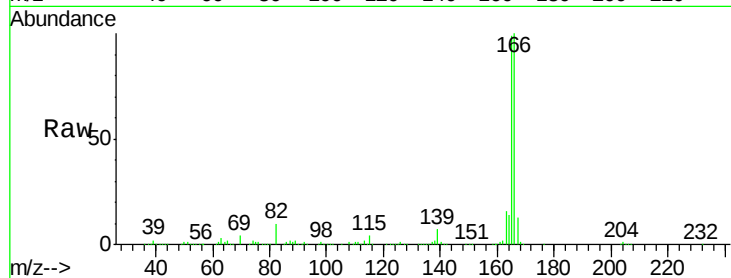
167 13.0 10.8 16.2

Manual Integrations

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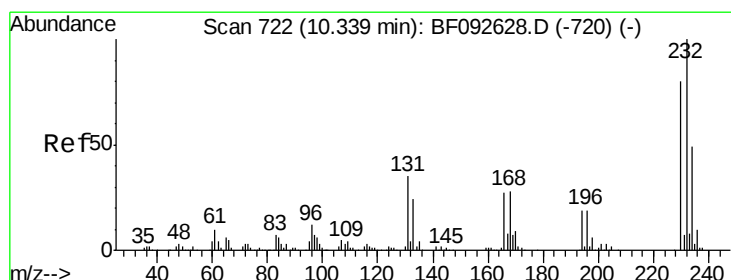
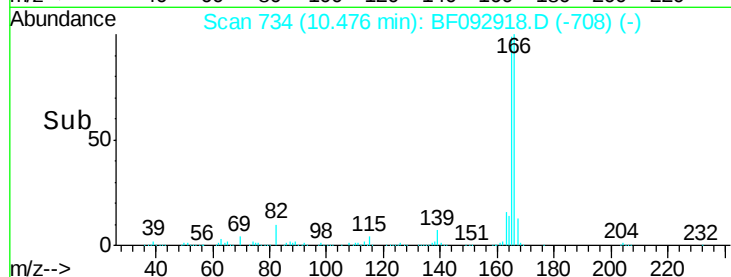
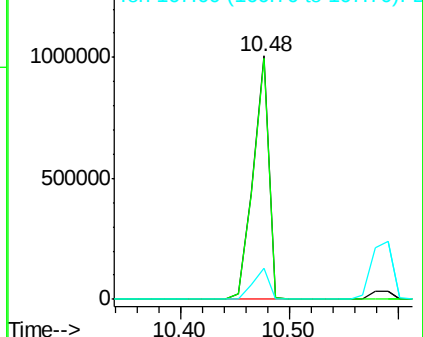
2/14/2017 11:30:00 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.28 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion:232 Resp: 222280

Ion Ratio Lower Upper

232 100

131 50.0 40.1 60.1

130 2.3 1.8 2.8

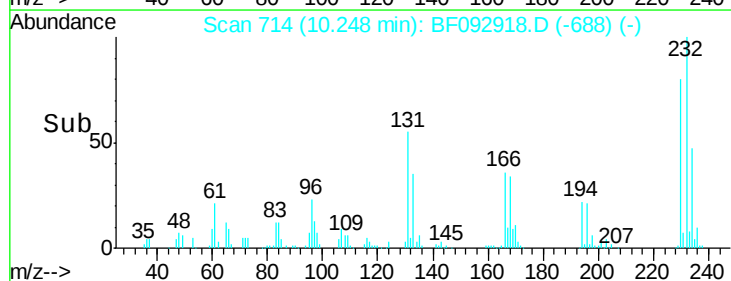
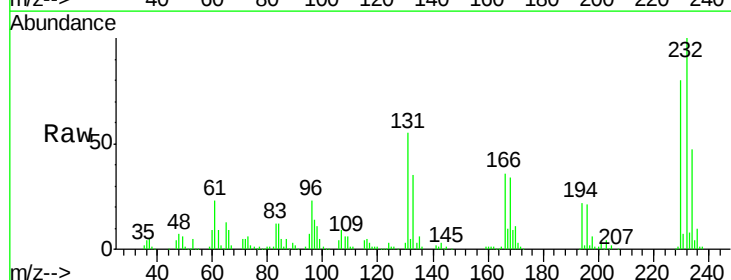
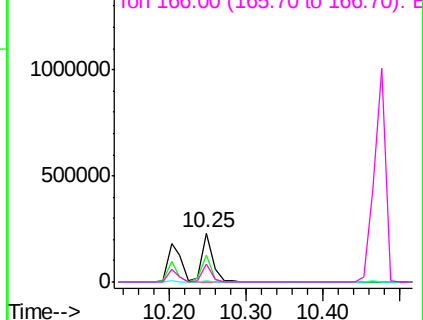
166 31.7 26.6 39.8

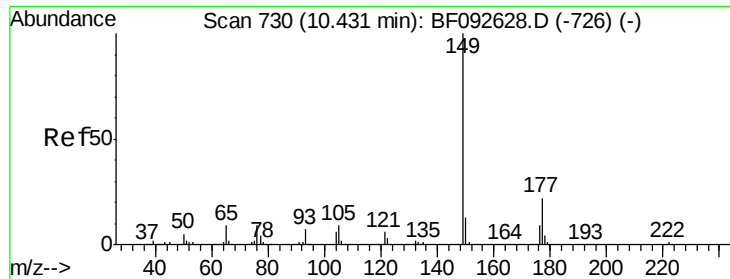
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





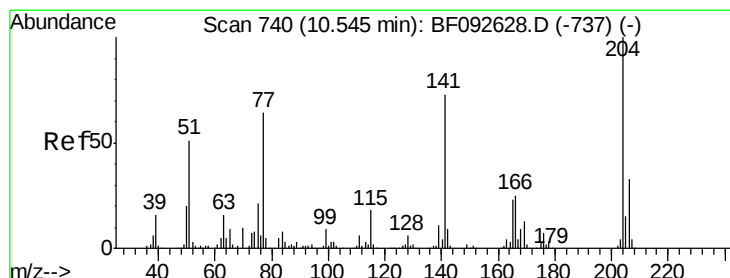
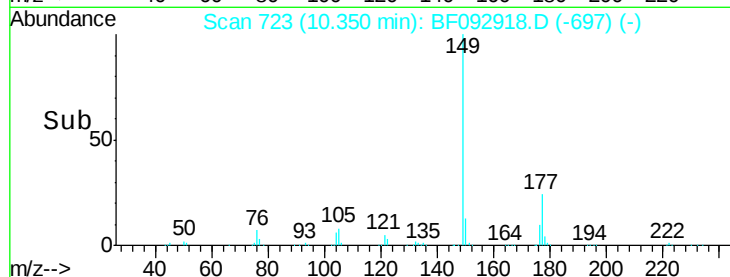
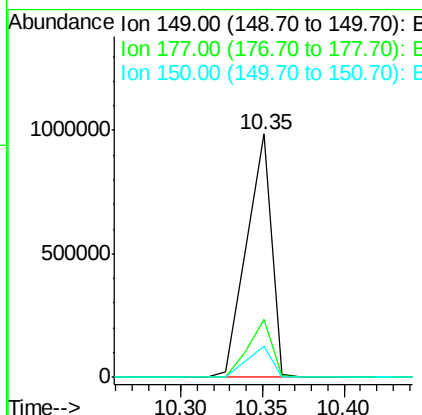
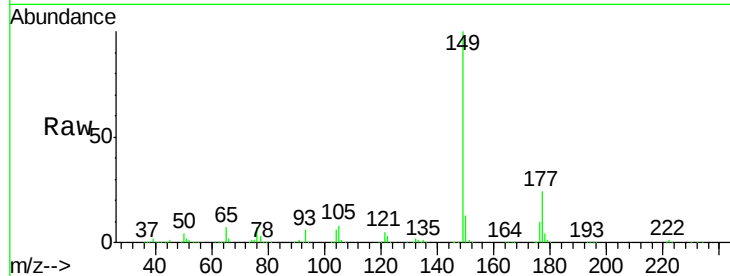
#59
Diethylphthalate
Concen: 39.23 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1045174
Ion Ratio Lower Upper
149 100
177 24.0 16.6 25.0
150 12.5 10.4 15.6

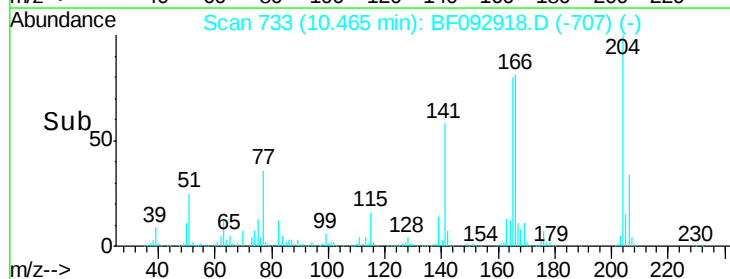
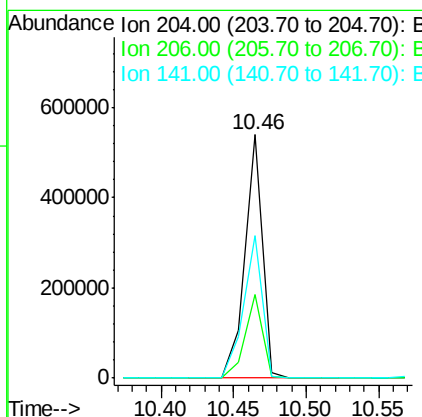
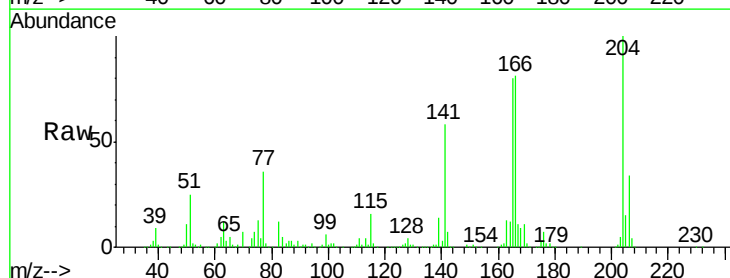
Manual Integrations
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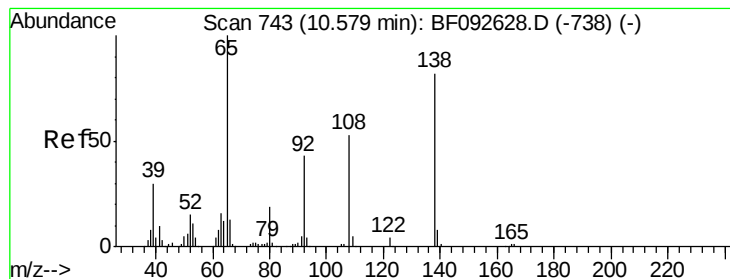
mohammad
2/14/2017 11:30:00 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.24 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion:204 Resp: 452068
Ion Ratio Lower Upper
204 100
206 34.4 25.8 38.6
141 58.3 59.4 89.0#





#61

4-Nitroaniline

Concen: 37.72 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

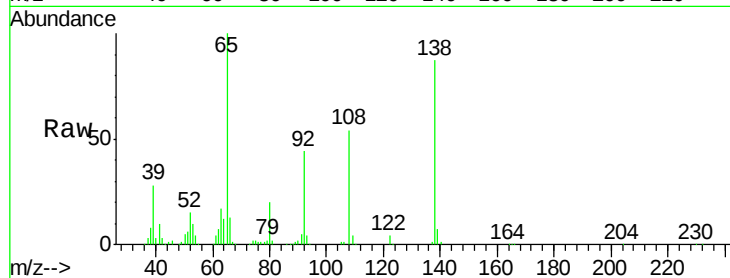
ClientSampleId :

SSTDCCC040

Tgt Ion:	138	Resp:	269891
Ion Ratio	Lower	Upper	
138	100		
92	50.4	31.7	71.7
108	62.5	52.6	92.6

Manual Integrations
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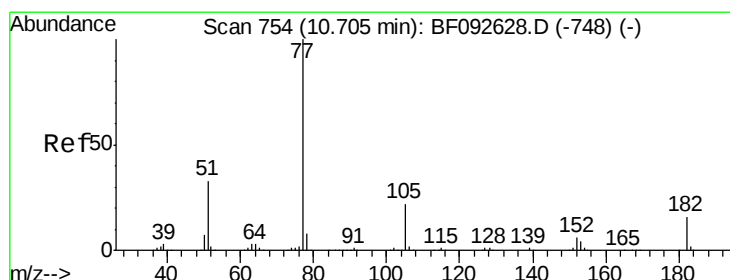
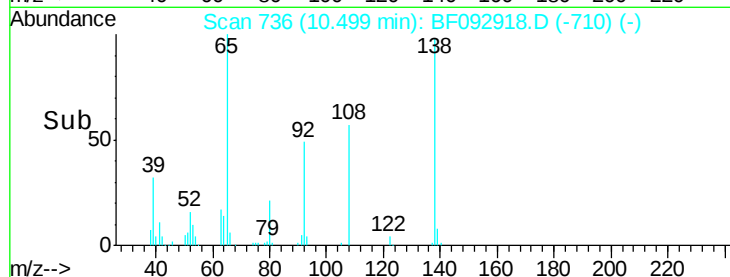
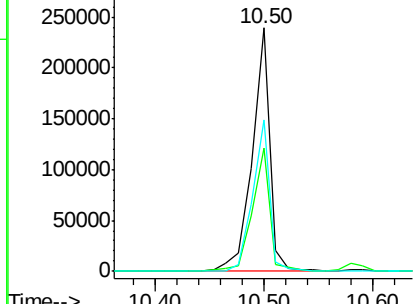
mohammad
2/14/2017 11:30:00 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.64 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

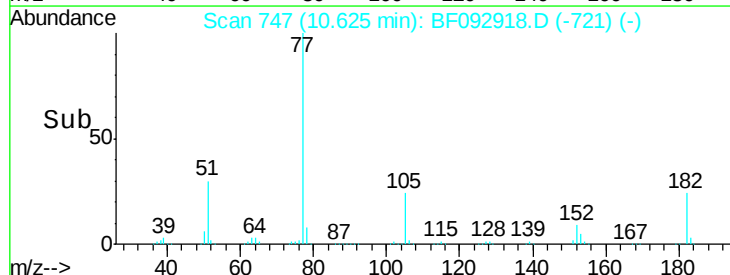
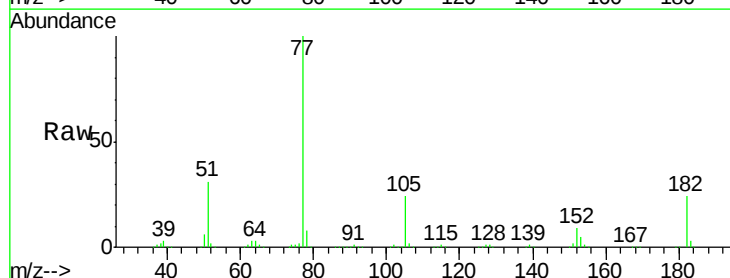
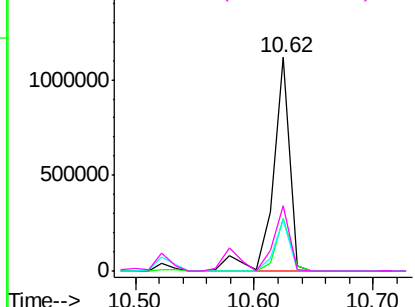
Tgt Ion:	77	Resp:	1090941
Ion Ratio	Lower	Upper	
77	100		
182	24.4	0.0	39.3
105	23.9	2.3	42.3
51	30.5	8.9	48.9

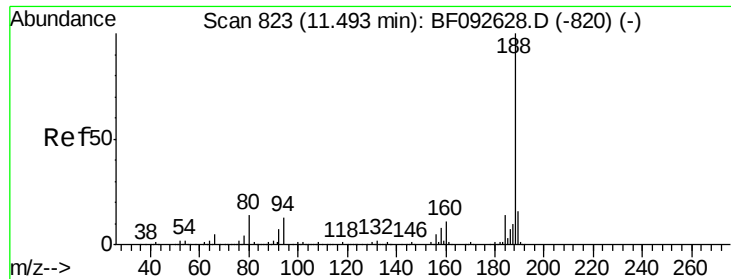
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

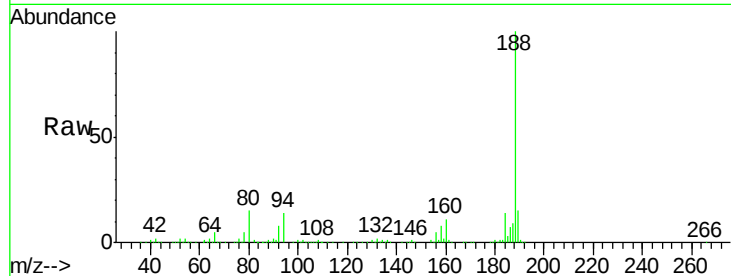
ClientSampleId :

SSTDCCC040

Tgt Ion:	188	Resp:	662647
Ion Ratio	Lower	Upper	
188	100		
94	13.8	10.0	15.0
80	15.2	11.2	16.8

Manual Integrations
APPROVED

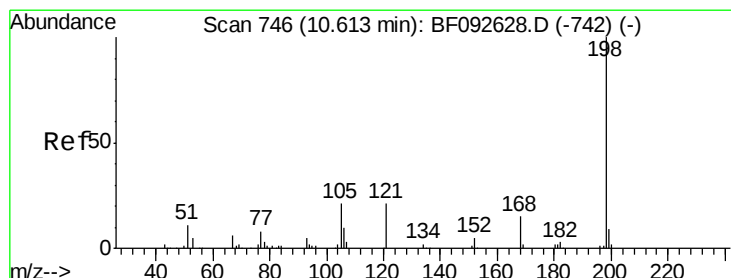
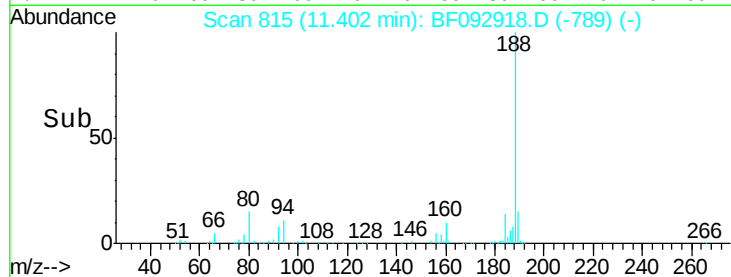
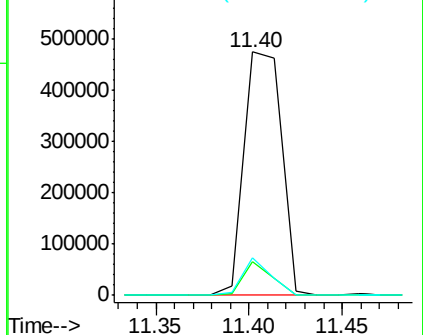
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.77 ng

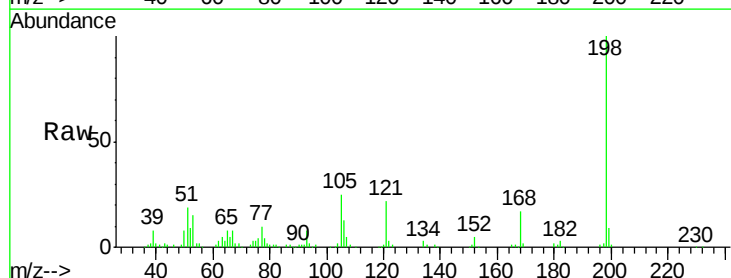
RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

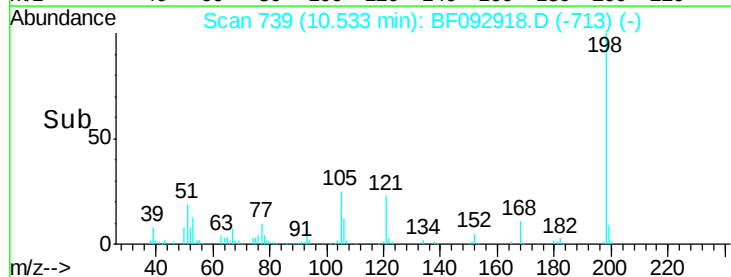
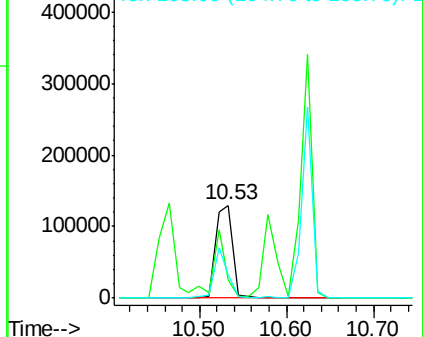
Tgt Ion:	198	Resp:	179821
Ion Ratio	Lower	Upper	
198	100		
51	19.2	6.7	46.7
105	24.7	16.6	56.6

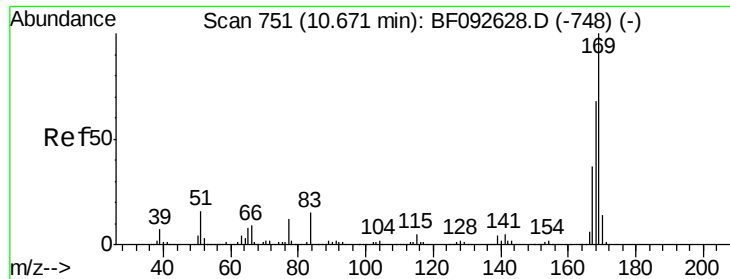


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.28 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

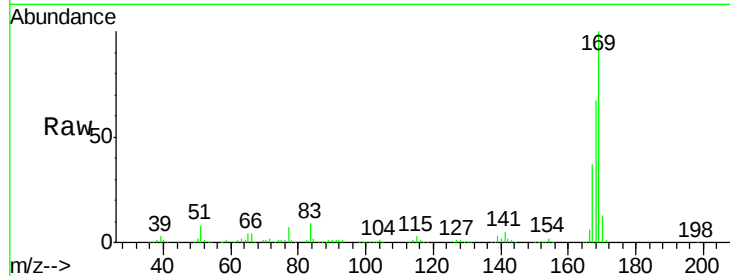
ClientSampleId :

SSTDCCC040

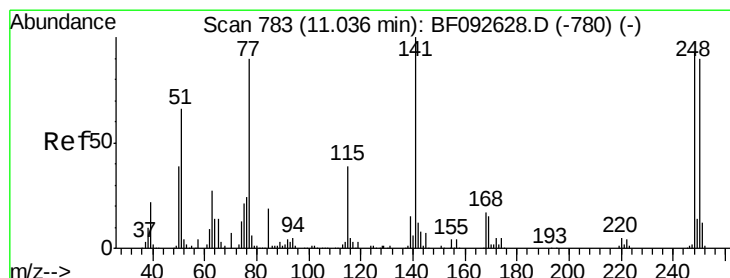
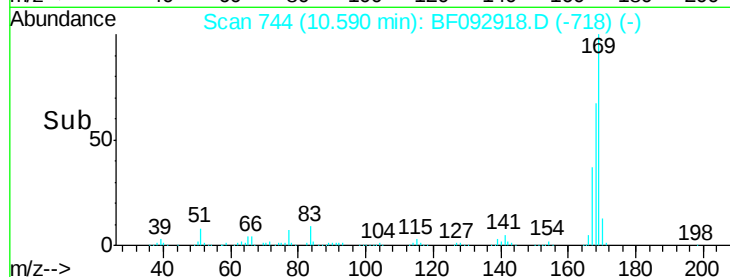
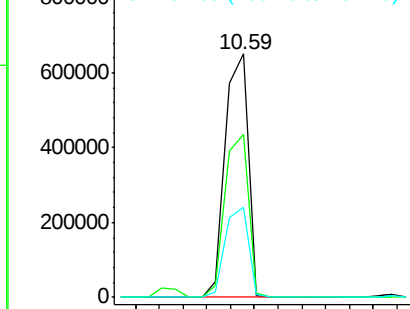
Tgt Ion:	169	Resp:	873921
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.2	81.2
167	37.0	30.2	45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.77 ng

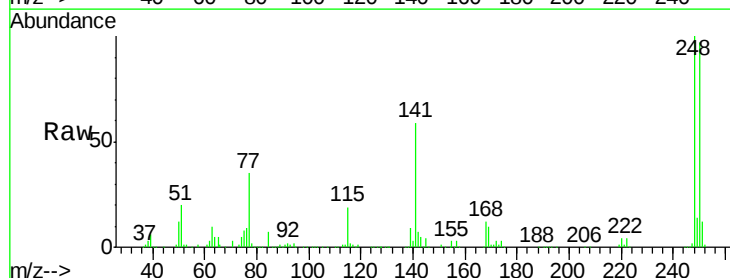
RT: 10.96 min Scan# 776

Delta R.T. 0.00 min

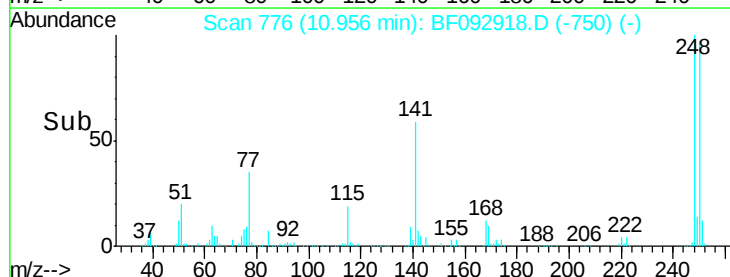
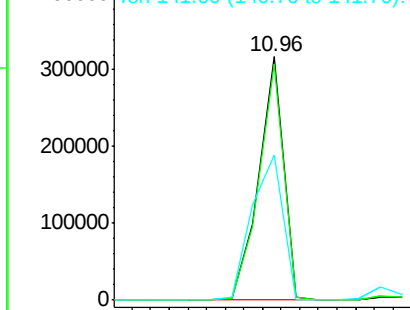
Lab File: BF092918.D

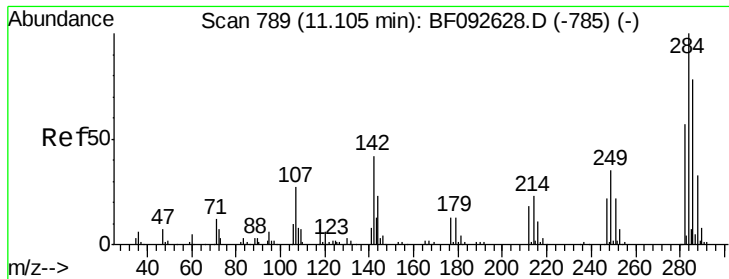
Acq: 13 Feb 2017 15:15

Tgt Ion:	248	Resp:	289190
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.9	115.3
141	59.4	68.2	102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





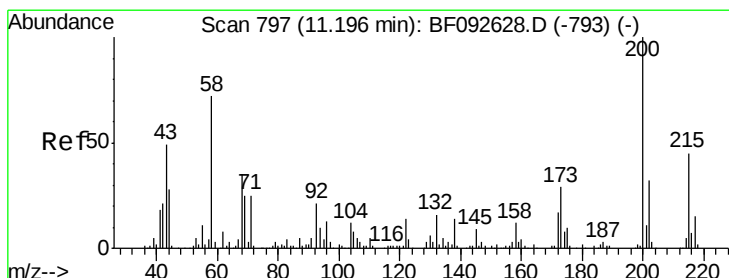
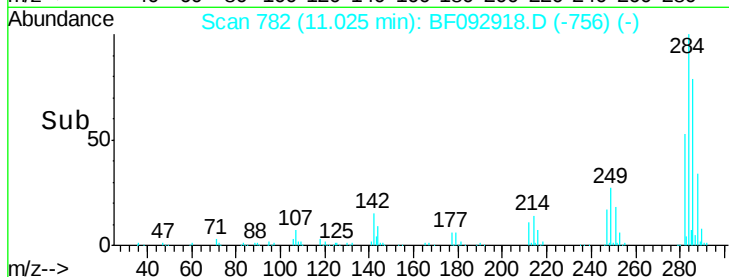
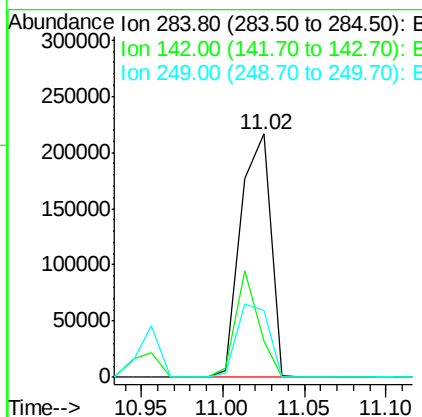
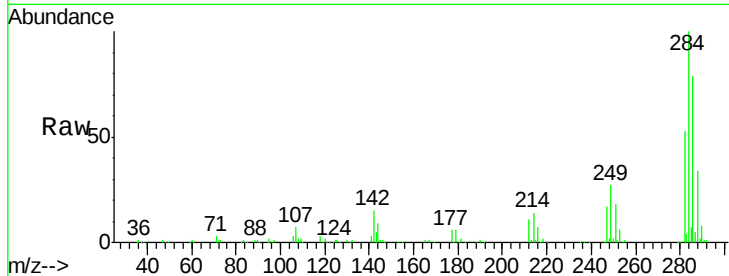
#67
Hexachlorobenzene
Concen: 40.24 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	14.8	22.6	33.8#
249	27.4	25.4	38.0

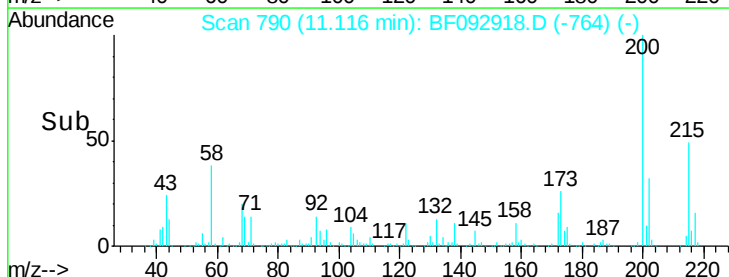
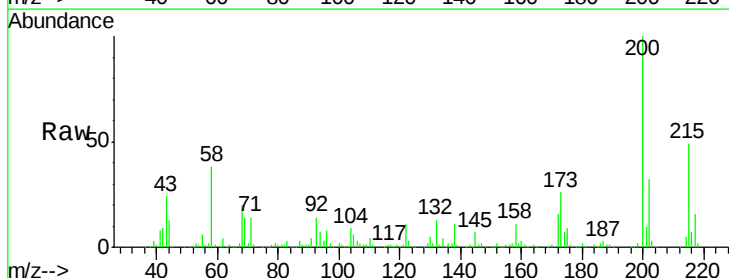
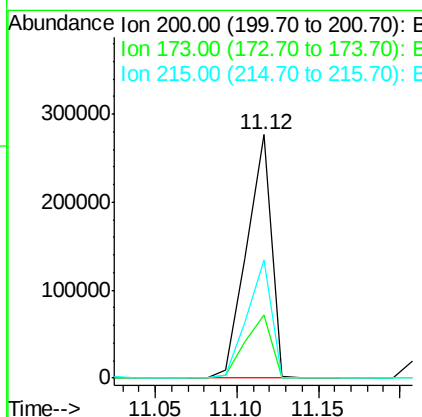
Manual Integrations
APPROVED

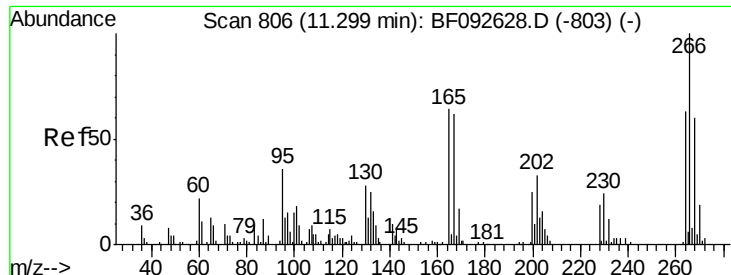
mohammad
2/14/2017 11:30:00 AM



#68
Atrazine
Concen: 42.76 ng
RT: 11.12 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.2	9.6	49.6
215	48.7	25.7	65.7





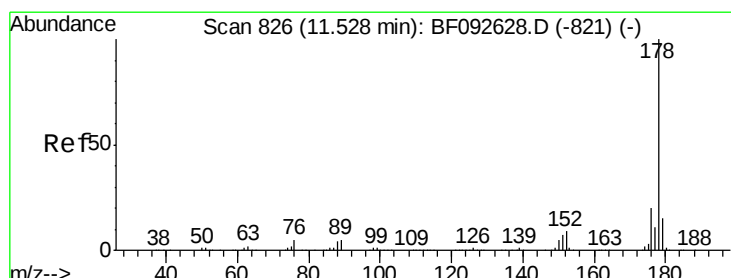
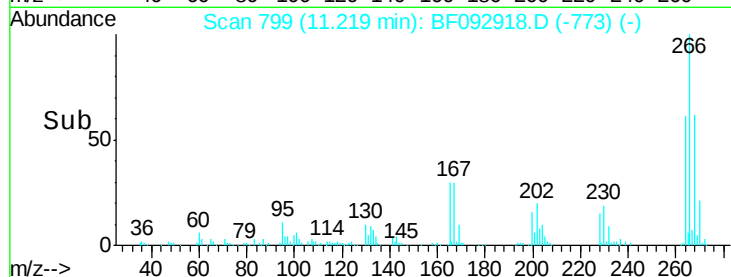
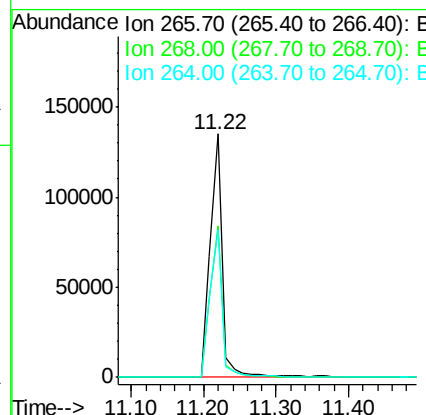
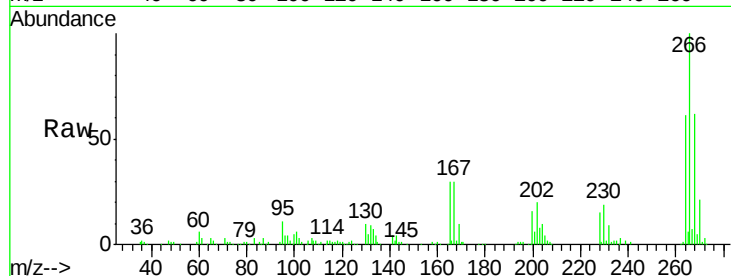
#69
 Pentachlorophenol
 Concen: 47.86 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	53.3	79.9
264	60.7	50.3	75.5

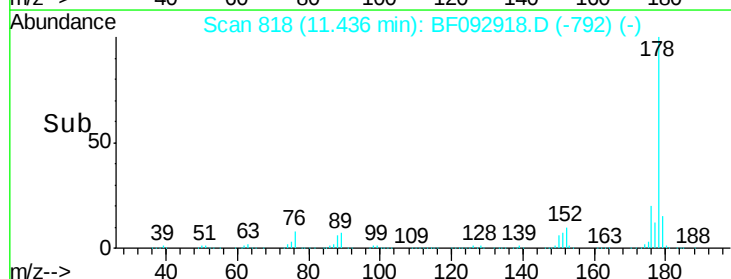
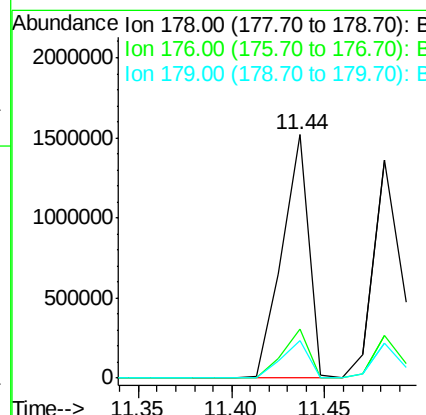
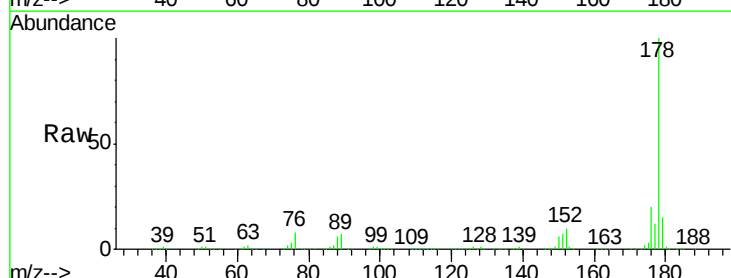
Manual Integrations
 APPROVED

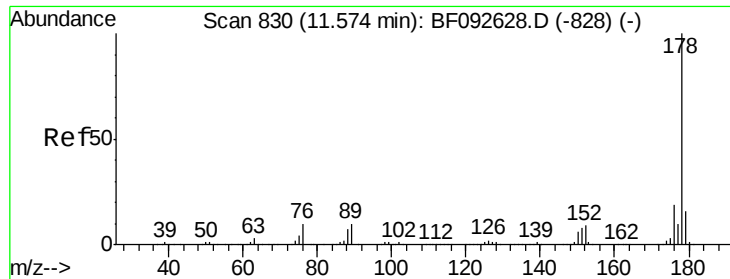
mohammad
 2/14/2017 11:30:00 AM



#70
 Phenanthrene
 Concen: 39.84 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.3	12.8	19.2





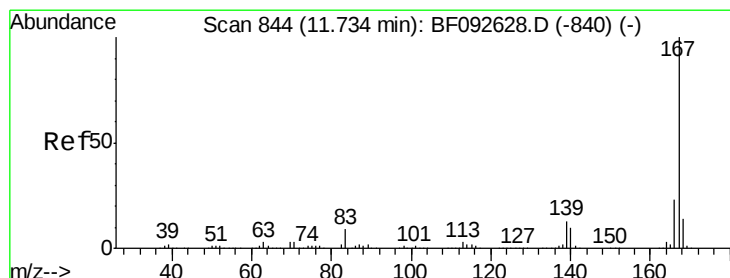
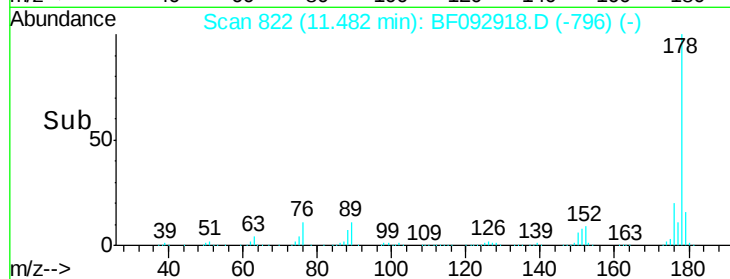
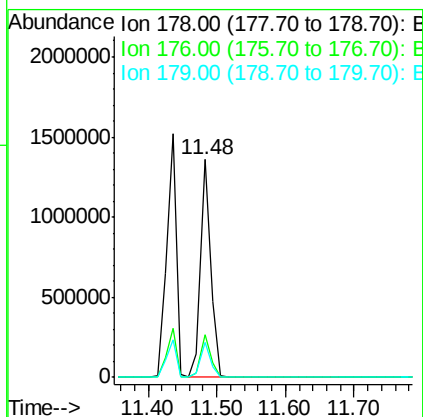
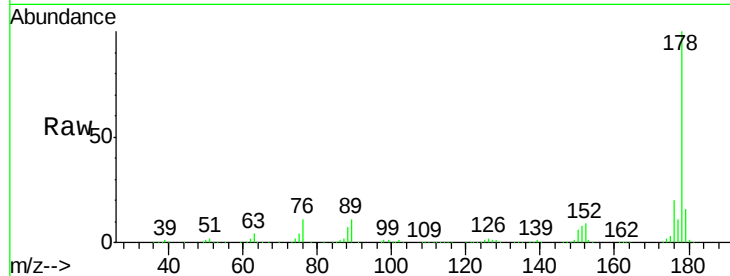
#71
 Anthracene
 Concen: 35.93 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1369797
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.8 13.2 19.8

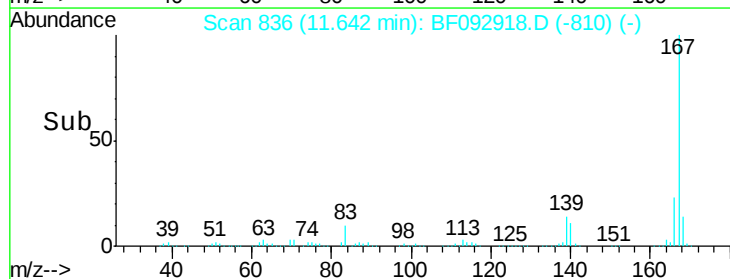
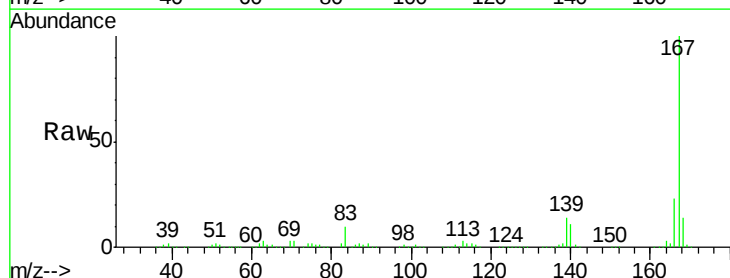
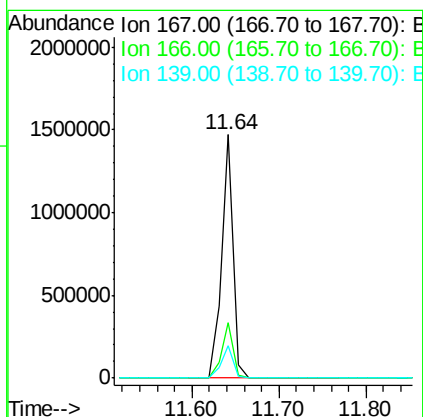
Manual Integrations
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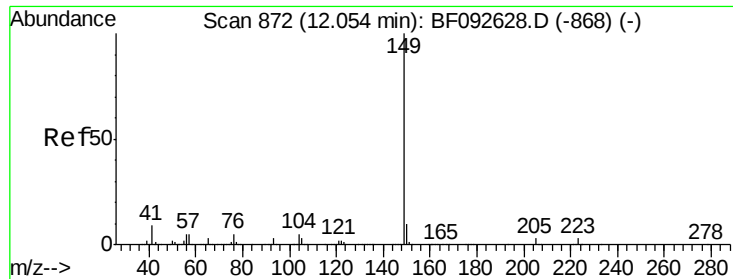
mohammad
 2/14/2017 11:30:00 AM



#72
 Carbazole
 Concen: 37.86 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion:167 Resp: 1379752
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.5 11.4 17.2





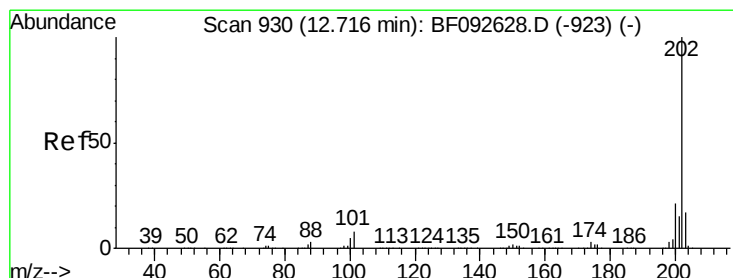
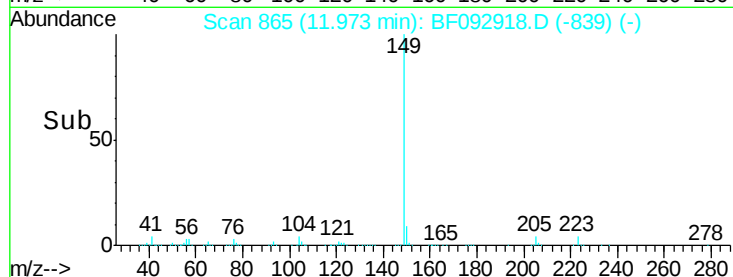
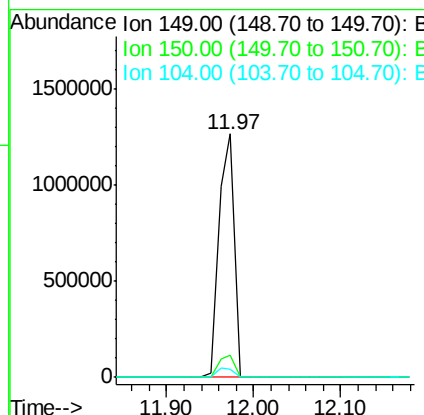
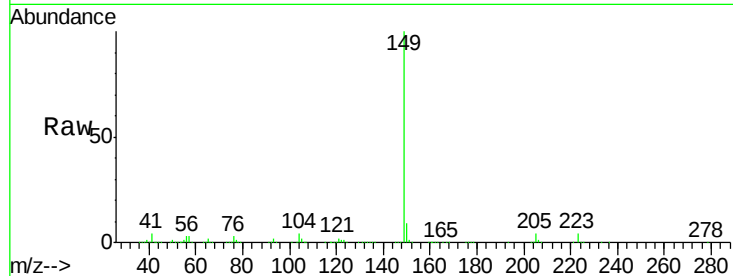
#73
Di-n-butylphthalate
Concen: 39.99 ng
RT: 11.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1576040
Ion Ratio Lower Upper
149 100
150 9.3 8.1 12.1
104 3.5 4.6 7.0#

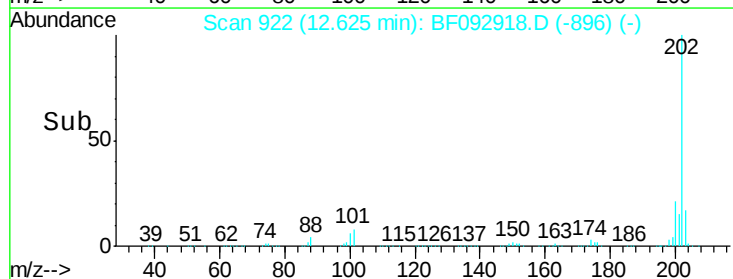
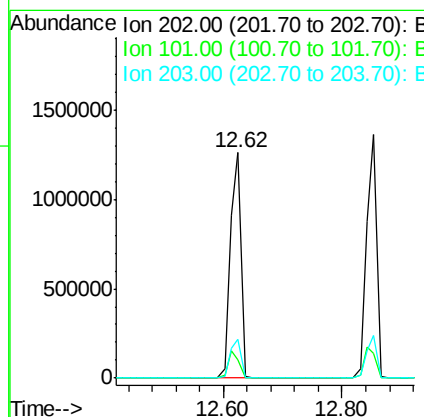
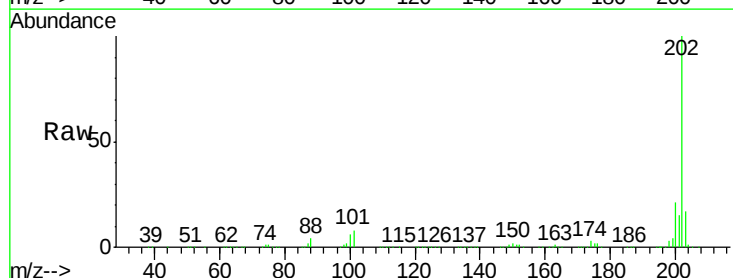
Manual Integrations
APPROVED

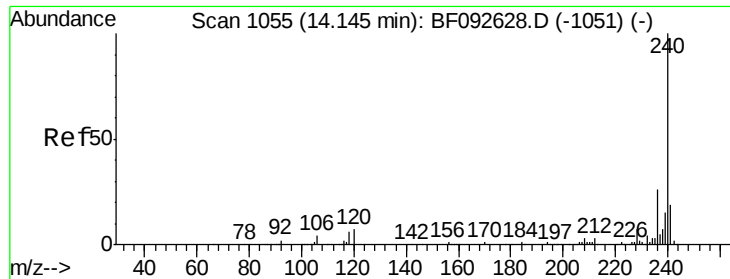
mohammad
2/14/2017 11:30:00 AM



#74
Fluoranthene
Concen: 39.49 ng
RT: 12.62 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion:202 Resp: 1546253
Ion Ratio Lower Upper
202 100
101 8.2 0.0 34.6
203 17.3 0.0 38.7





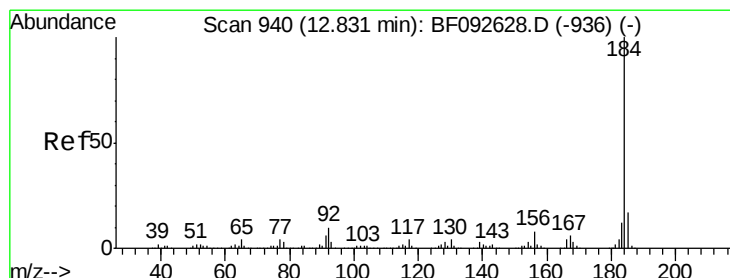
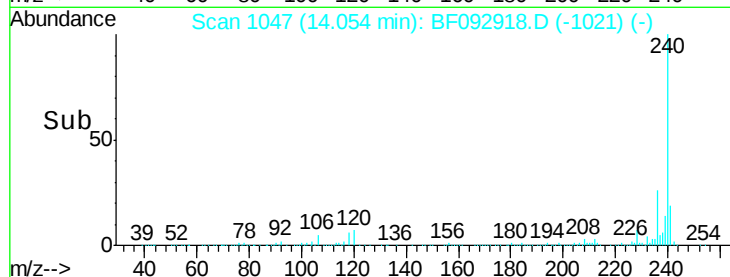
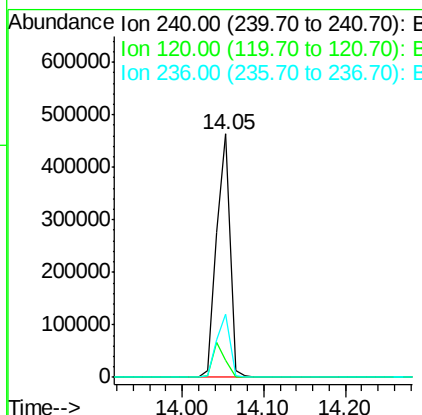
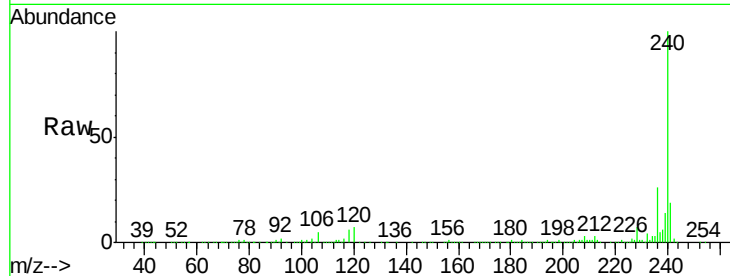
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	530005		
120	7.0	12.9	19.3	
236	25.8	20.9	31.3	

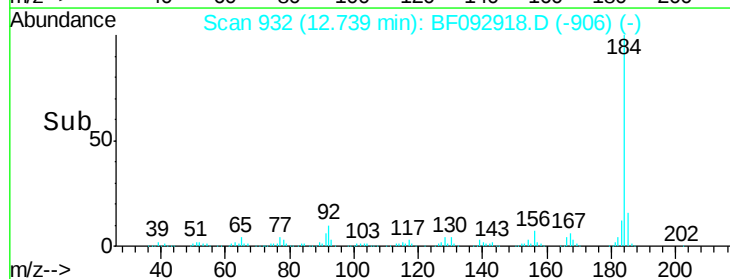
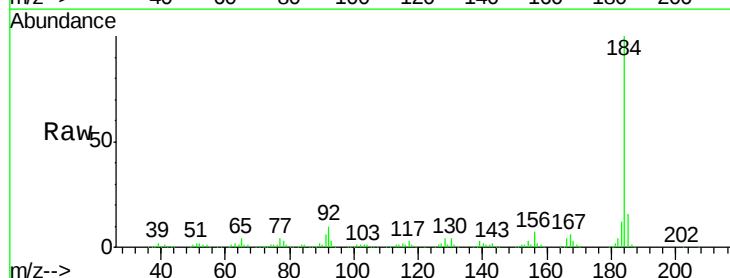
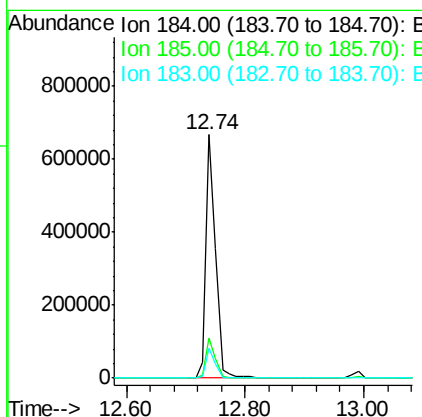
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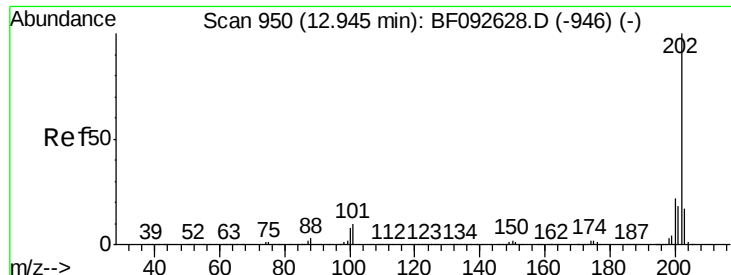
mohammad
2/14/2017 11:30:00 AM



#76
Benzidine
Concen: 34.07 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	769552		
185	16.2	13.4	20.0	
183	12.2	9.2	13.8	





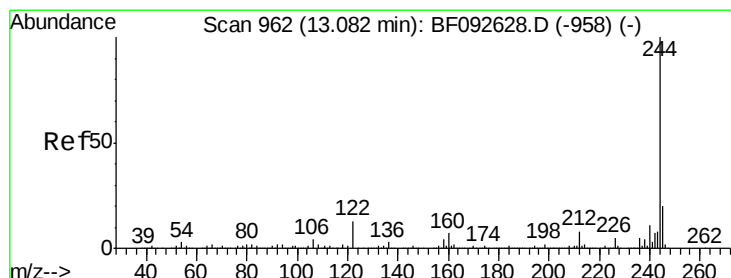
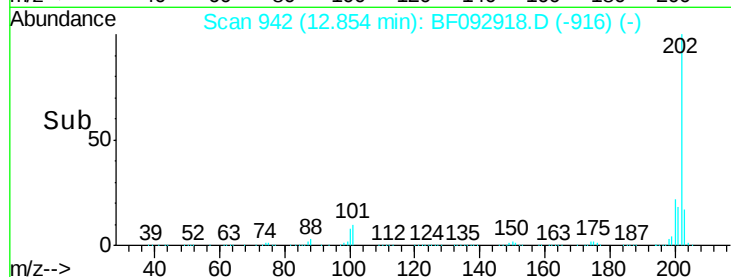
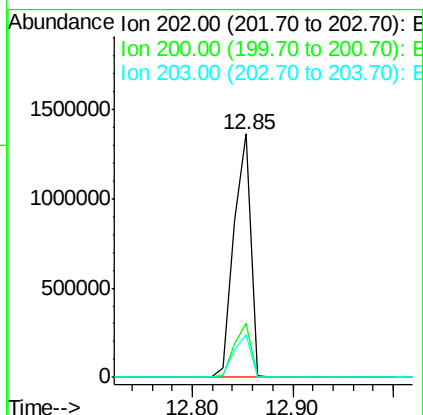
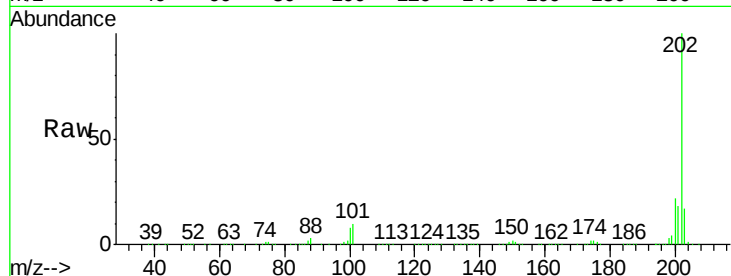
#77
 Pyrene
 Concen: 39.98 ng
 RT: 12.85 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.4	14.7	22.1

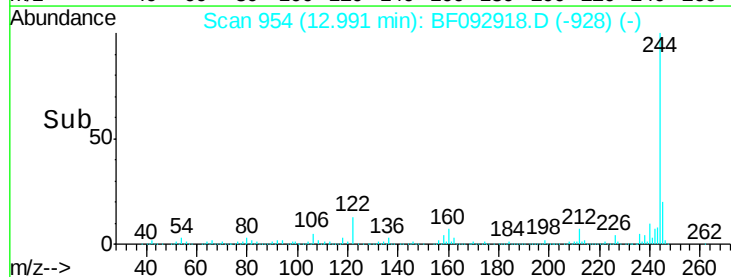
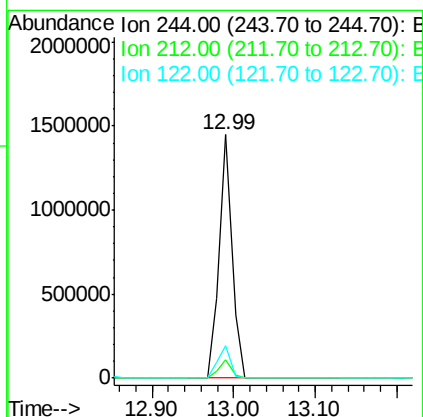
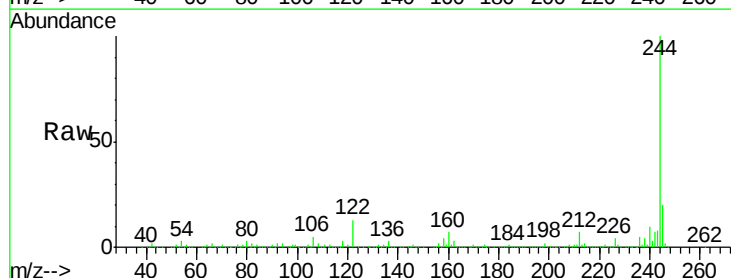
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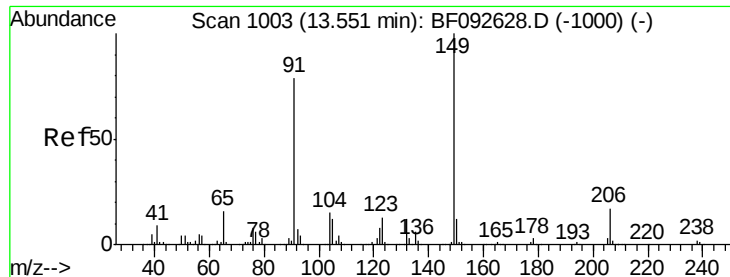
mohammad
 2/14/2017 11:30:00 AM



#78
 Terphenyl-d14
 Concen: 70.77 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.4	11.4	17.2





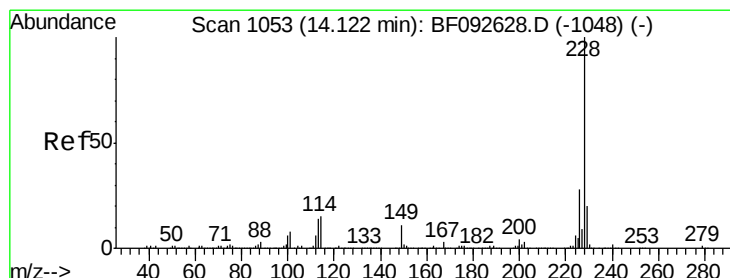
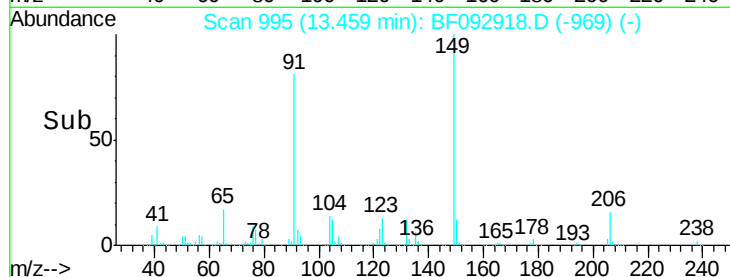
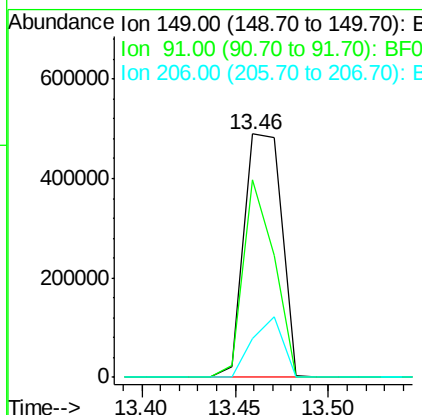
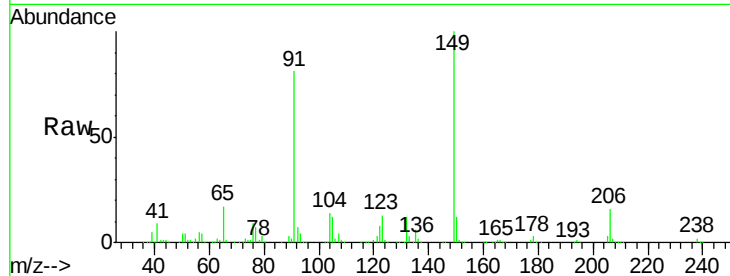
#79
Butylbenzylphthalate
Concen: 42.46 ng
RT: 13.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	683890		
91	81.2	63.9	95.9	
206	16.0	14.6	21.8	

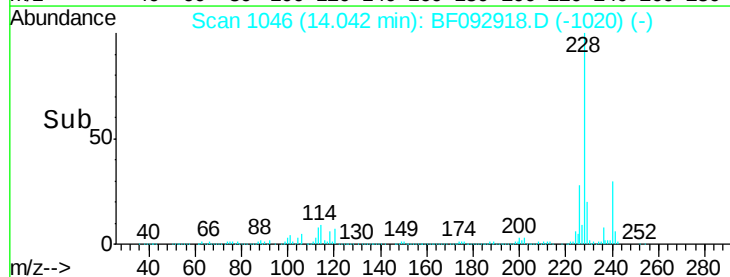
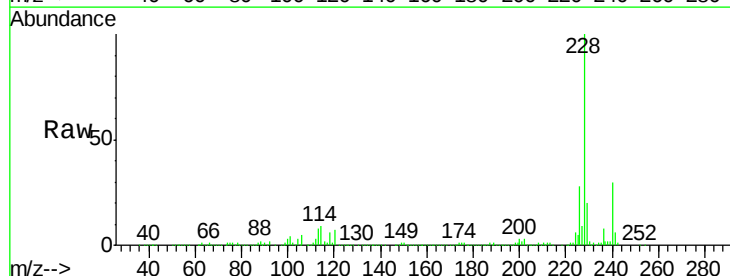
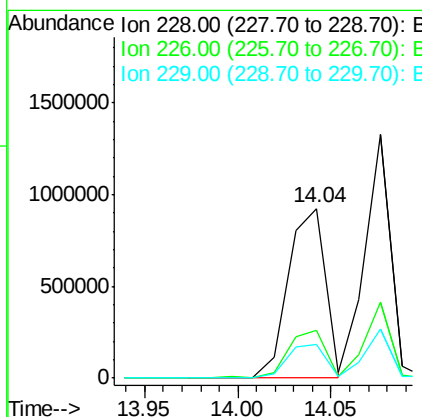
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#80
Benzo(a)anthracene
Concen: 39.70 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1286936		
226	27.9	22.4	33.6	
229	19.6	16.2	24.4	





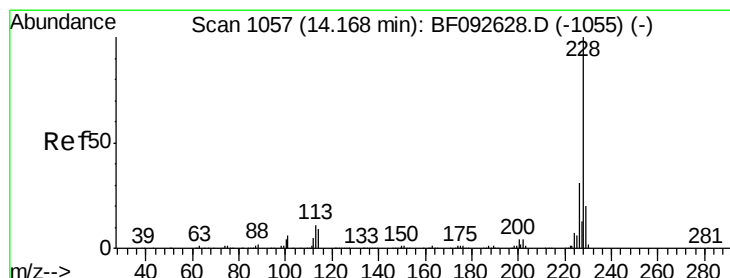
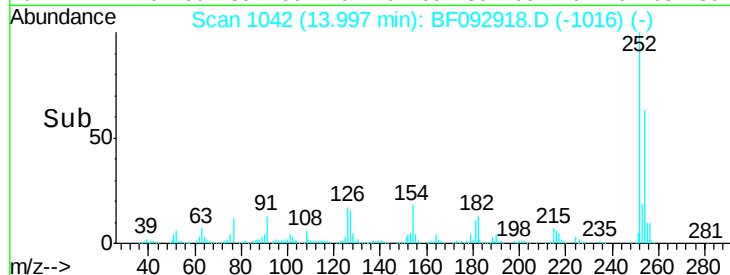
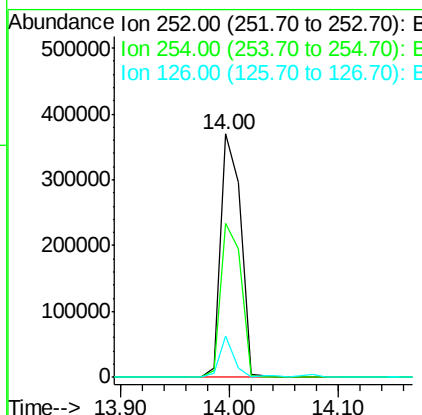
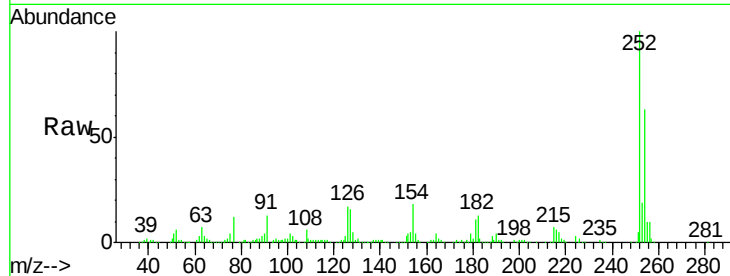
#81
 3,3'-Dichlorobenzidine
 Concen: 40.98 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.3	78.5
126	16.7	13.6	20.4

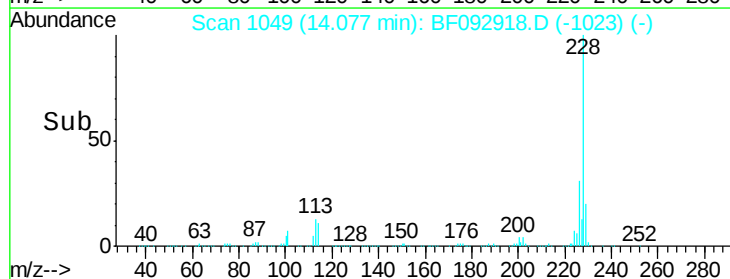
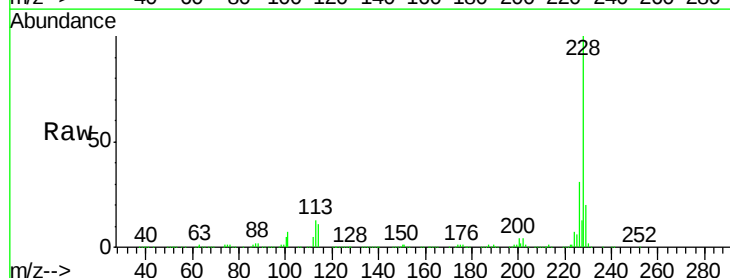
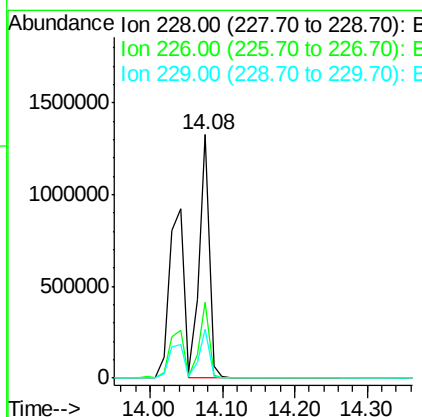
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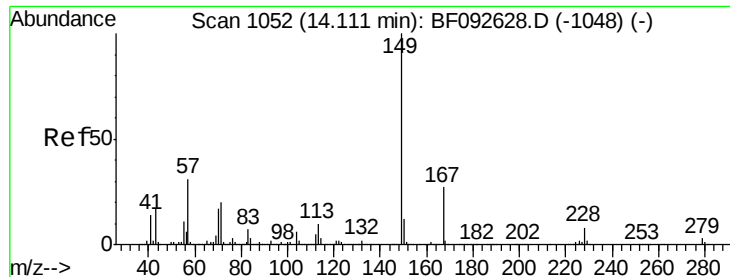
mohammad
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#82
 Chrysene
 Concen: 41.66 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.84 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

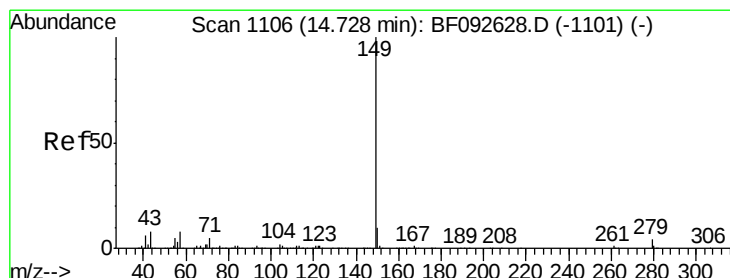
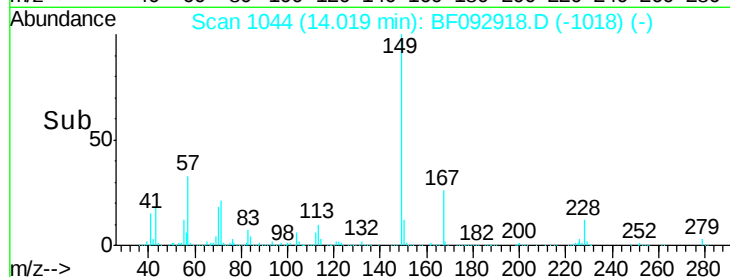
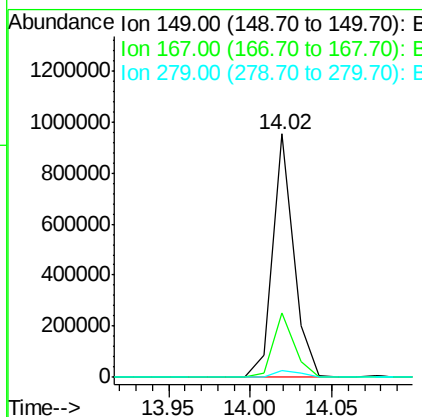
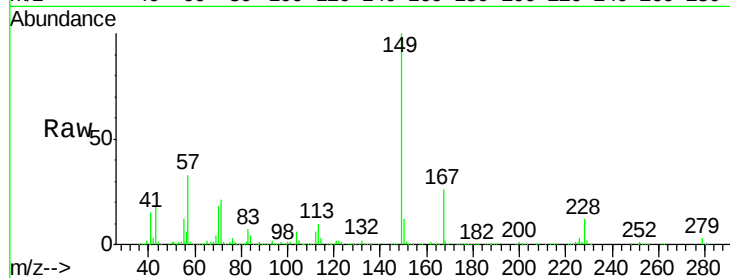
ClientSampleId :

SSTDCCC040

Tgt Ion:	149	Resp:	855441
Ion Ratio	Lower	Upper	
149	100		
167	26.3	20.2	30.4
279	2.6	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 45.18 ng

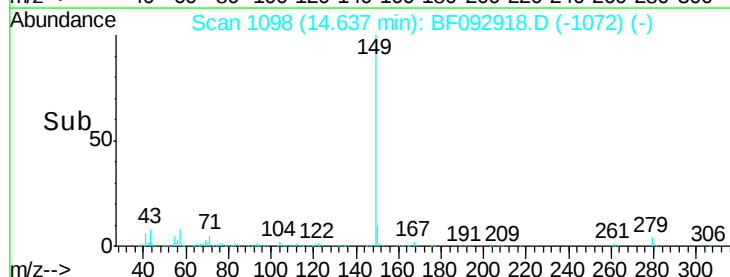
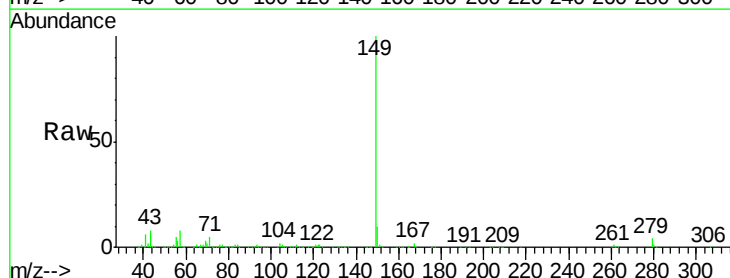
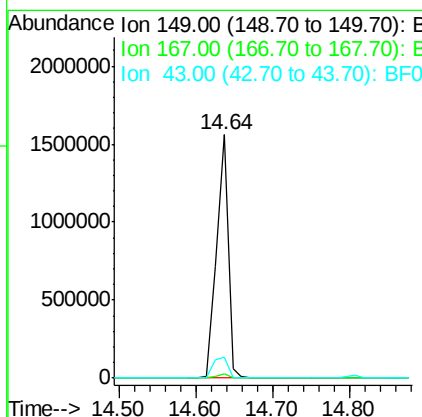
RT: 14.64 min Scan# 1098

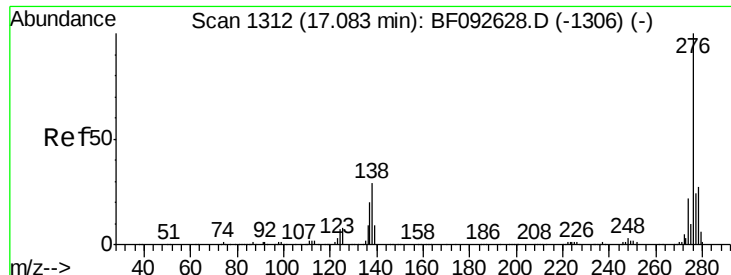
Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion:	149	Resp:	1620722
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.9	8.9	13.3





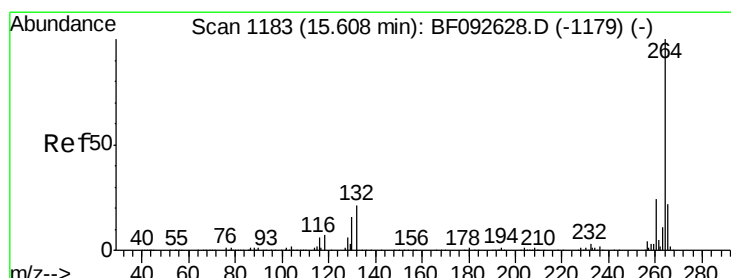
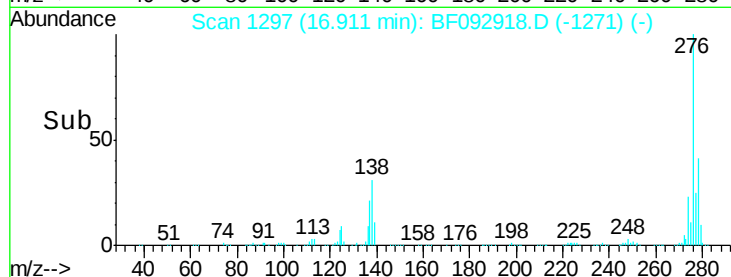
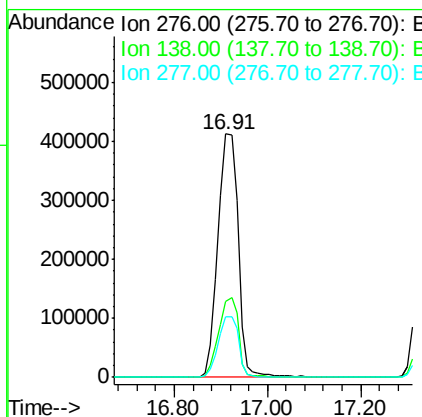
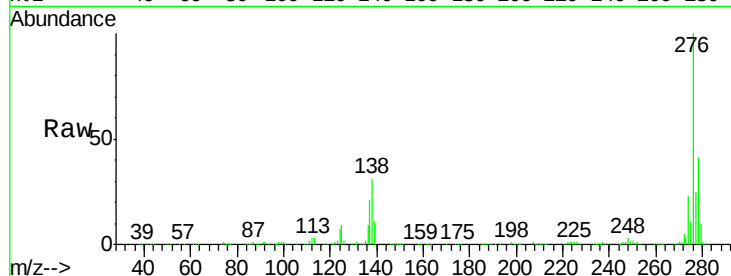
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.87 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.6
277	25.2	20.2	30.4

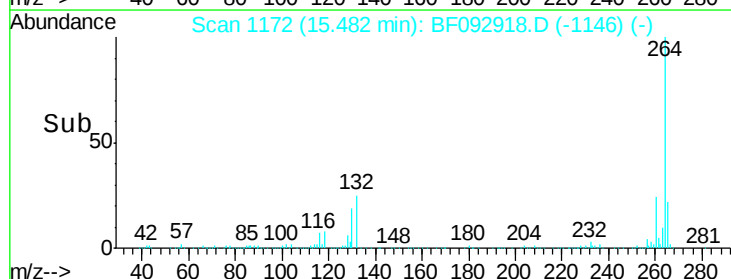
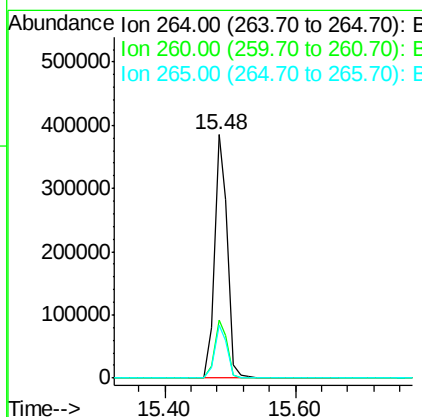
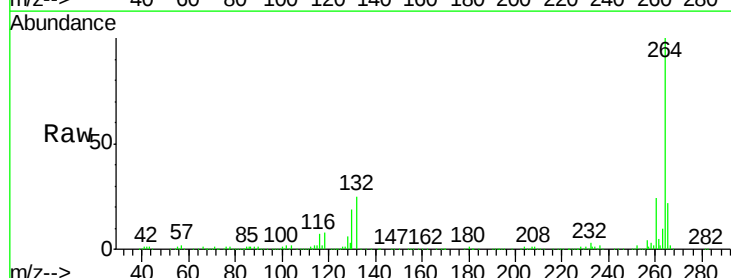
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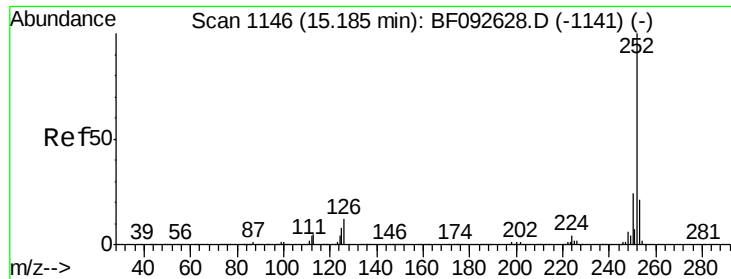
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF092918.D
Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 34.36 ng m

RT: 15.07 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

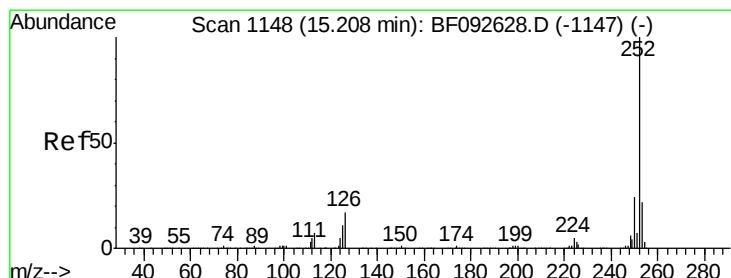
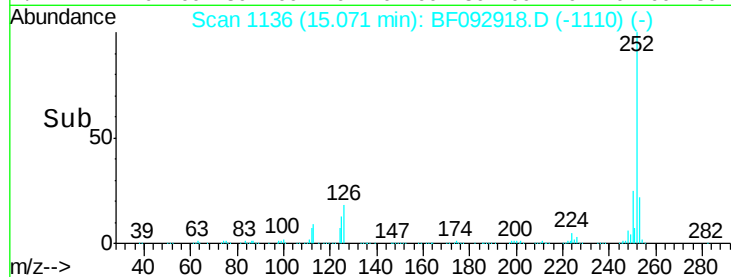
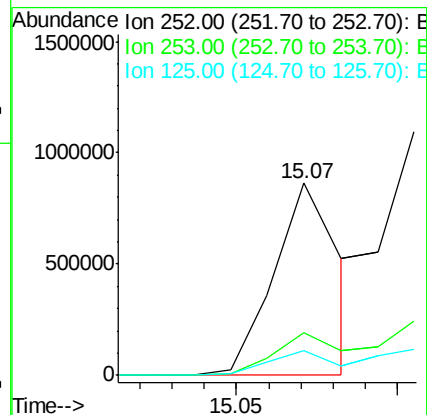
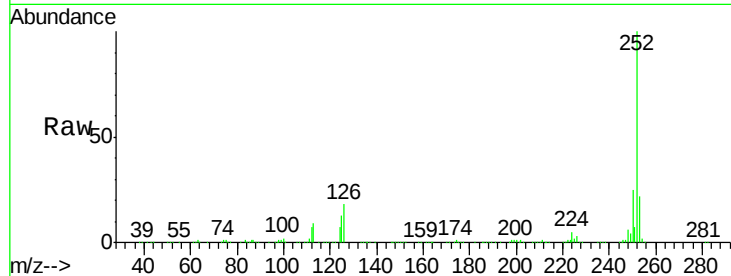
ClientSampleId :

SSTDCCC040

Tgt Ion:	252	Resp:	1218397
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	12.8	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 40.10 ng m

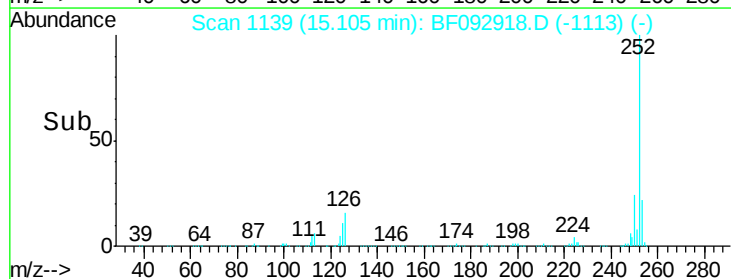
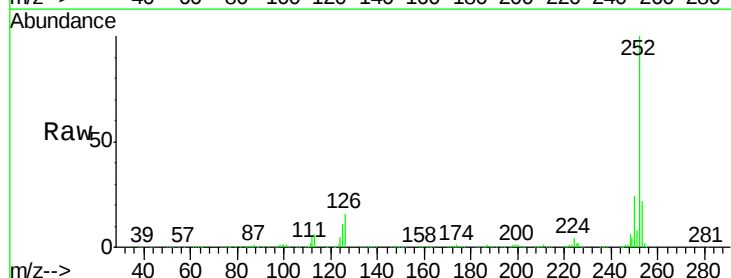
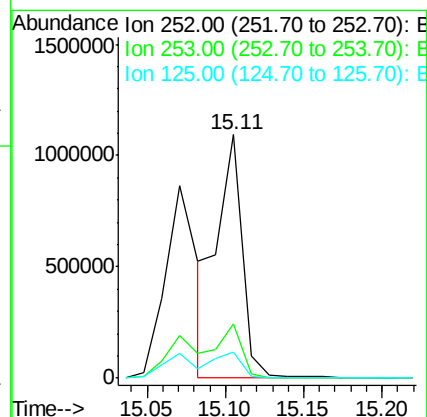
RT: 15.11 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion:	252	Resp:	1227594
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.5	27.7
125	10.9	8.9	13.3





#89

Benzo(a)pyrene

Concen: 39.75 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Instrument :

BNA_F

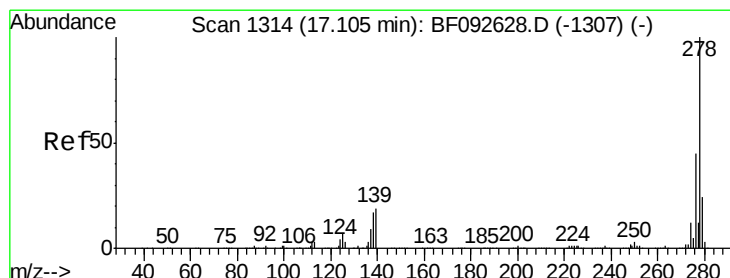
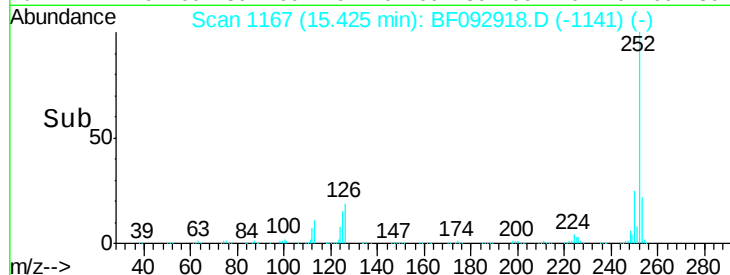
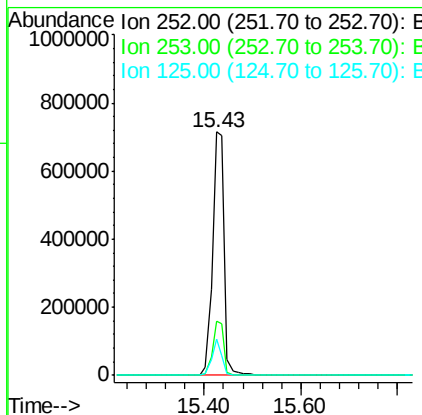
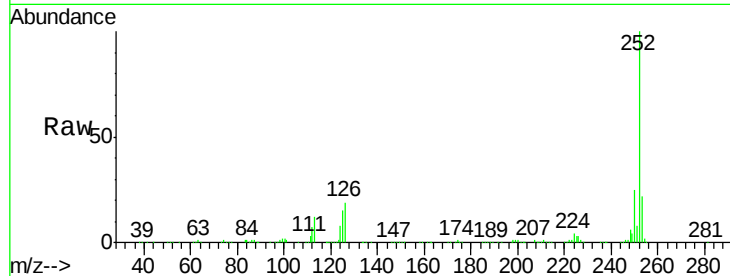
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	15.1	10.0	15.0

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#90

Dibenzo(a,h)anthracene

Concen: 41.67 ng

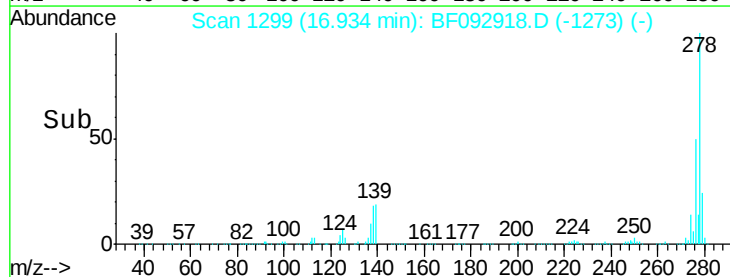
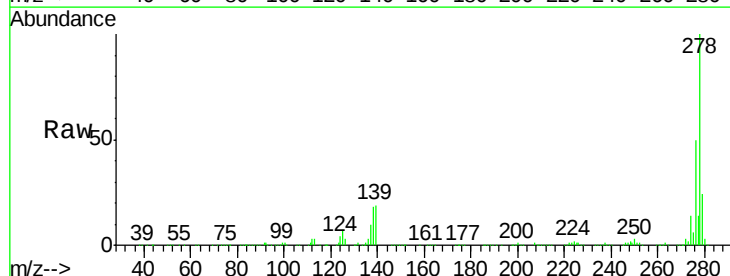
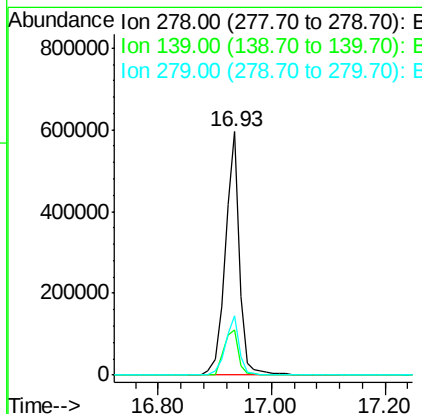
RT: 16.93 min Scan# 1299

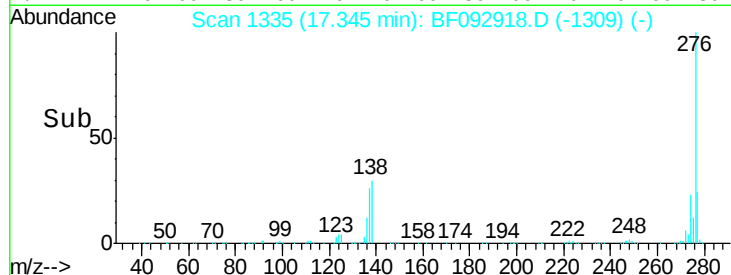
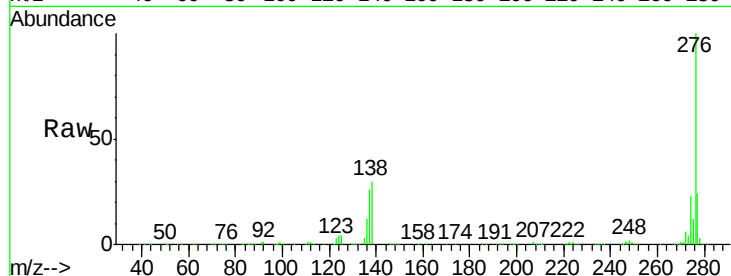
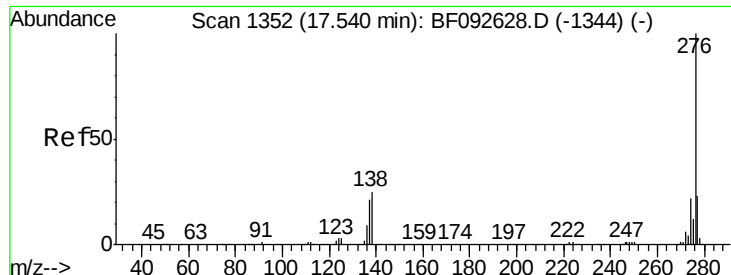
Delta R.T. 0.00 min

Lab File: BF092918.D

Acq: 13 Feb 2017 15:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.8	22.2
279	24.4	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 43.31 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF092918.D
 Acq: 13 Feb 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	30.1	16.0	24.0

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