

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092421.D
 Acq On : 24 Jan 2017 11:37
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:14 PM

Quant Time: Jan 24 12:51:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 12:41:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166231	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	683154	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	364917	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	619540	20.00	ng	0.00
75) Chrysene-d12	14.17	240	500900	20.00	ng	0.00
86) Perylene-d12	15.64	264	428055	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	834867	83.86	ng	0.00
7) Phenol-d6	6.59	99	1076010	88.53	ng	0.00
23) Nitrobenzene-d5	7.54	82	994787	80.97	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	202725	67.13	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1664437	87.56	ng	0.00
78) Terphenyl-d14	13.12	244	1325828	64.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	224374	45.78	ng	# 83
3) Pyridine	3.38	79	638397	37.32	ng	# 82
4) n-Nitrosodimethylamine	3.33	42	317969	49.28	ng	# 82
6) Aniline	6.62	93	823324	52.15	ng	# 47
8) 2-Chlorophenol	6.75	128	450635	39.79	ng	95
9) Benzaldehyde	6.51	77	374248	49.82	ng	88
10) Phenol	6.60	94	681951	49.24	ng	# 74
11) bis(2-Chloroethyl)ether	6.70	93	516218	46.84	ng	94
12) 1,3-Dichlorobenzene	6.91	146	532185	44.02	ng	# 92
13) 1,4-Dichlorobenzene	6.99	146	557968	45.35	ng	95
14) 1,2-Dichlorobenzene	7.14	146	474900	44.48	ng	97
15) Benzyl Alcohol	7.10	79	415378	43.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	965568	58.83	ng	92
17) 2-Methylphenol	7.22	107	389903	42.81	ng	96
18) Hexachloroethane	7.49	117	189464	41.53	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	360487	44.58	ng	91
20) 3+4-Methylphenols	7.38	107	493902	45.47	ng	94
22) Acetophenone	7.39	105	646016	38.34	ng	# 88
24) Nitrobenzene	7.56	77	561095	42.88	ng	90
25) Isophorone	7.80	82	972220	42.89	ng	96
26) 2-Nitrophenol	7.87	139	213629	33.11	ng	# 85
27) 2,4-Dimethylphenol	7.92	122	445505	41.63	ng	92
28) bis(2-Chloroethoxy)methane	8.01	93	600080	43.66	ng	99
29) 2,4-Dichlorophenol	8.11	162	389561	42.98	ng	88
30) 1,2,4-Trichlorobenzene	8.20	180	401867	40.47	ng	94
31) Naphthalene	8.28	128	1315154	42.06	ng	99
32) Benzoic acid	8.03	122	343608	43.29	ng	97
33) 4-Chloroaniline	8.33	127	553777	39.28	ng	# 91
34) Hexachlorobutadiene	8.41	225	231182	44.10	ng	100
35) Caprolactam	8.72	113	134007	45.00	ng	# 29
36) 4-Chloro-3-methylphenol	8.82	107	441022	42.29	ng	85
37) 2-Methylnaphthalene	8.98	142	814523	37.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	386637	41.94	ng	98
40) Hexachlorocyclopentadiene	9.14	237	200702	55.35	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	282359	43.79	nq	95
43) 2,4,5-Trichlorophenol	9.30	196	277987	41.89	nq #	84
45) 1,1'-Biphenyl	9.45	154	989752	39.61	nq	96
46) 2-Chloronaphthalene	9.47	162	860640	43.49	nq	94
47) 2-Nitroaniline	9.56	65	295740	41.98	nq	86
48) Acenaphthylene	9.89	152	1299598	42.71	nq	99
49) Dimethylphthalate	9.76	163	980936	42.03	nq	100
50) 2,6-Dinitrotoluene	9.81	165	218121	42.70	nq #	85
51) Acenaphthene	10.06	154	744768	36.10	nq	96
52) 3-Nitroaniline	9.98	138	288250	45.60	nq	92
53) 2,4-Dinitrophenol	10.09	184	77542	27.28	nq	97
54) Dibenzofuran	10.24	168	1029728	36.96	nq	97
55) 4-Nitrophenol	10.13	139	222532	51.84	nq #	77
56) 2,4-Dinitrotoluene	10.21	165	251703	39.26	nq	96
57) Fluorene	10.58	166	752448	37.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	196523	37.45	nq	96
59) Diethylphthalate	10.45	149	880046	38.83	nq	99
60) 4-Chlorophenyl-phenylether	10.58	204	395585	44.57	nq #	81
61) 4-Nitroaniline	10.60	138	251711	38.42	nq	96
62) Azobenzene	10.74	77	1090030	43.68	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	133889	35.74	nq #	55
65) n-Nitrosodiphenylamine	10.69	169	712374	38.75	nq	99
66) 4-Bromophenyl-phenylether	11.07	248	240973	37.39	nq	92
67) Hexachlorobenzene	11.13	284	233925	33.96	nq #	76
68) Atrazine	11.23	200	269057	45.37	nq	93
69) Pentachlorophenol	11.32	266	167574	49.58	nq	97
70) Phenanthrene	11.55	178	1297263	38.62	nq	99
71) Anthracene	11.60	178	1264677	37.59	nq	99
72) Carbazole	11.76	167	1265552	40.66	nq	98
73) Di-n-butylphthalate	12.09	149	1378122	37.91	nq	98
74) Fluoranthene	12.74	202	1235710	36.87	nq	99
76) Benzidine	12.87	184	786364	54.17	nq	99
77) Pyrene	12.97	202	1284506	34.95	nq	99
79) Butylbenzylphthalate	13.60	149	615834	36.84	nq #	78
80) Benzo(a)anthracene	14.16	228	1018114	36.01	nq	100
81) 3,3'-Dichlorobenzidine	14.12	252	417775	38.96	nq	97
82) Chrysene	14.19	228	1045083	36.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.16	149	730399	37.11	nq #	97
84) Di-n-octyl phthalate	14.77	149	1432981	39.30	nq	96
85) Indeno(1,2,3-cd)pyrene	17.13	276	824178	33.54	nq #	94
87) Benzo(b)fluoranthene	15.21	252	1142349	42.86	nq	97
88) Benzo(k)fluoranthene	15.24	252	816855m	35.94	nq	
89) Benzo(a)pyrene	15.59	252	924161	39.07	nq	98
90) Dibenzo(a,h)anthracene	17.15	278	726515	37.37	nq	96
91) Benzo(g,h,i)perylene	17.59	276	704787	34.86	nq #	94

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

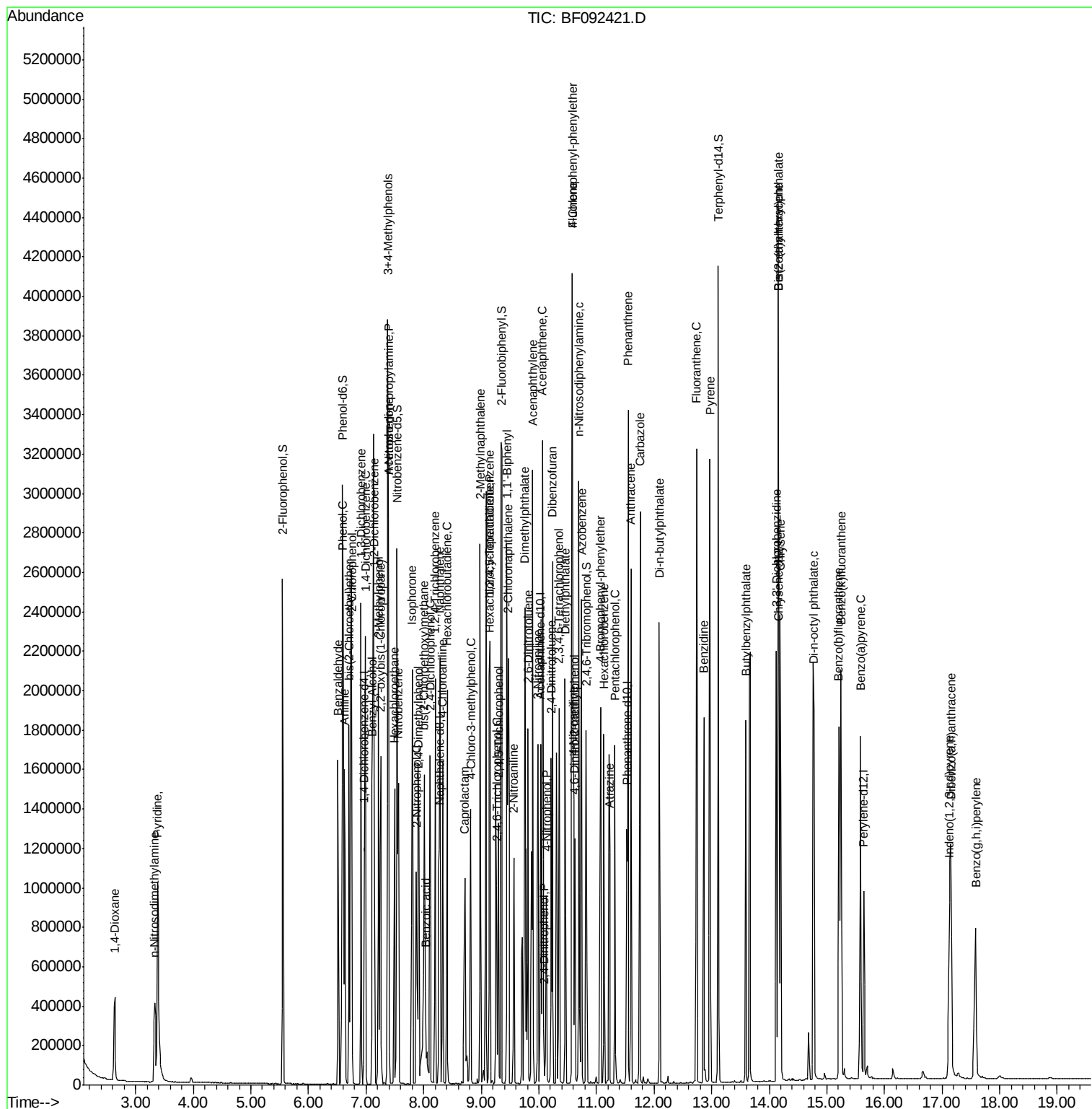
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\  
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Operator  : UM/SJ  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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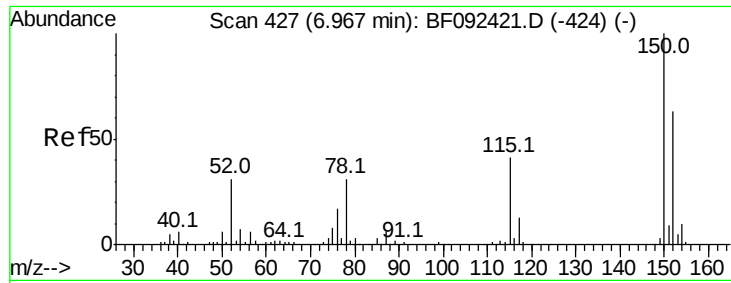
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

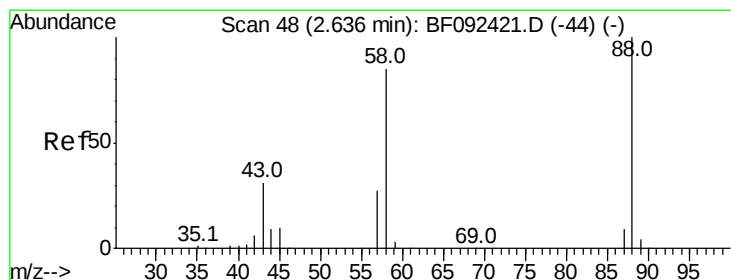
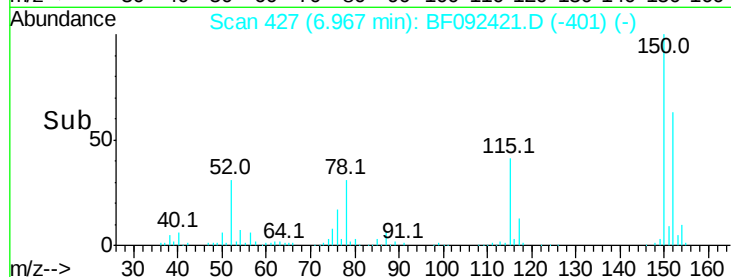
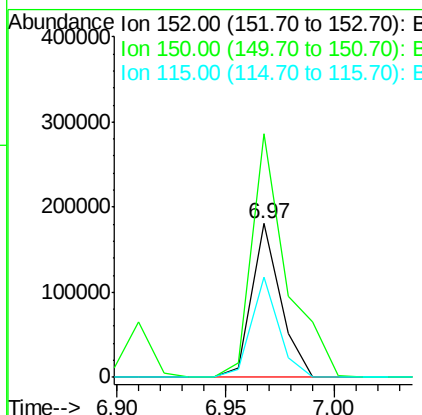
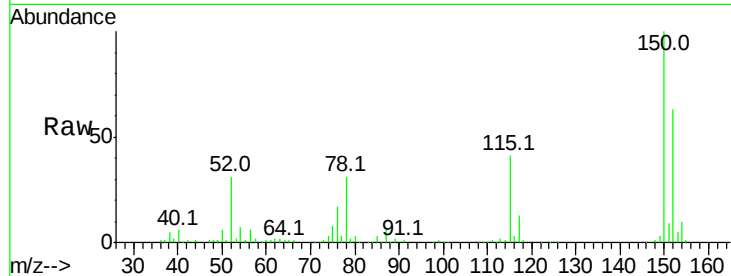
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	65.3	46.0	69.0

Manual Integrations
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#2

1,4-Dioxane

Concen: 45.78 ng

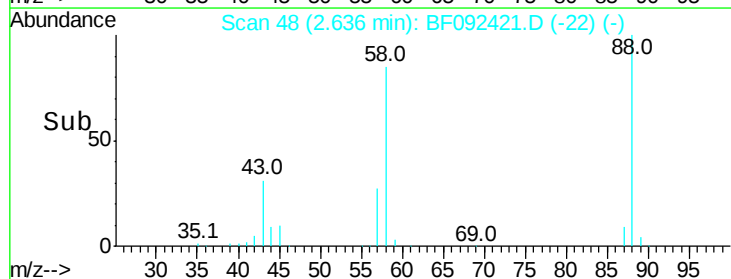
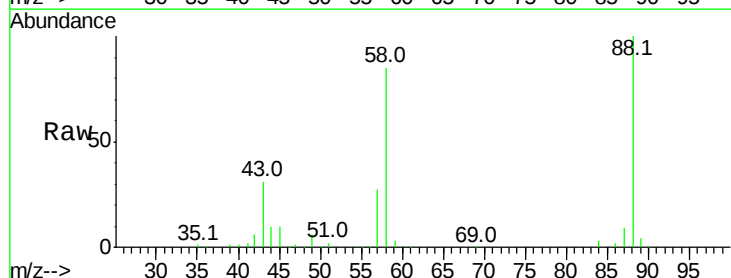
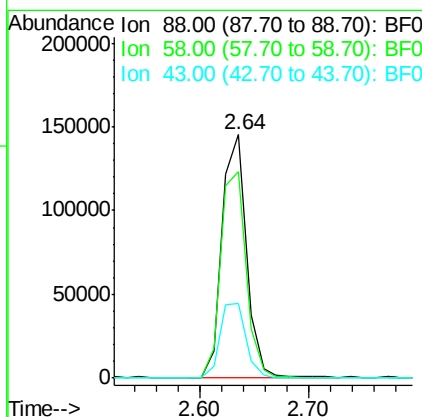
RT: 2.64 min Scan# 48

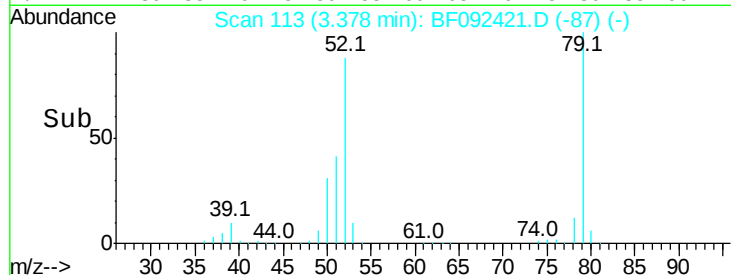
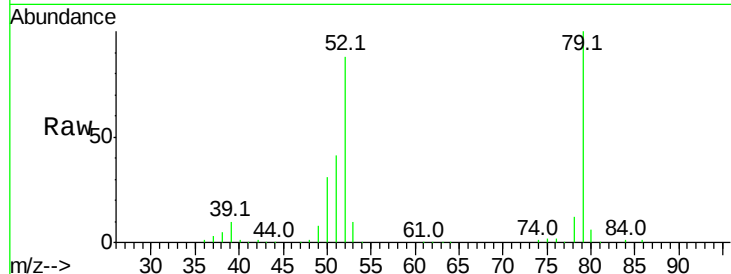
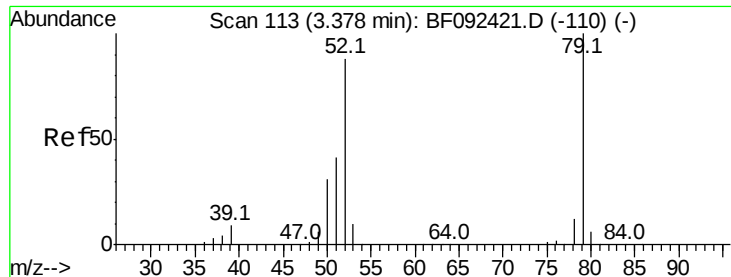
Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	57.8	86.8#
43	33.1	22.3	33.5





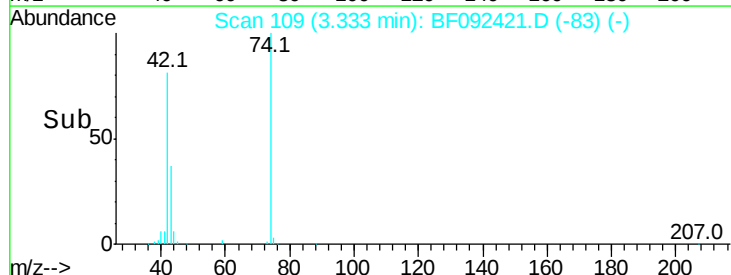
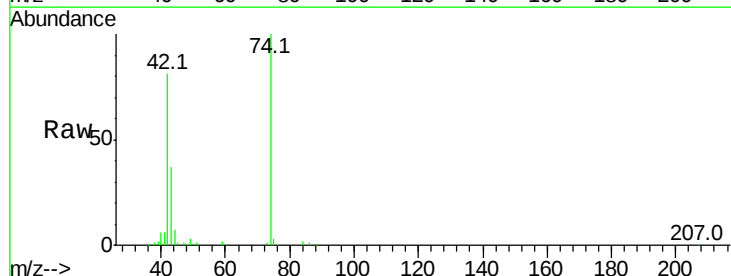
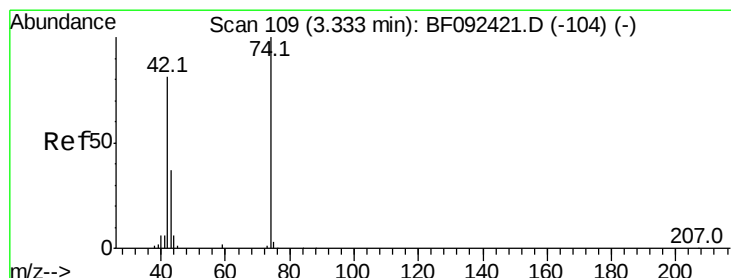
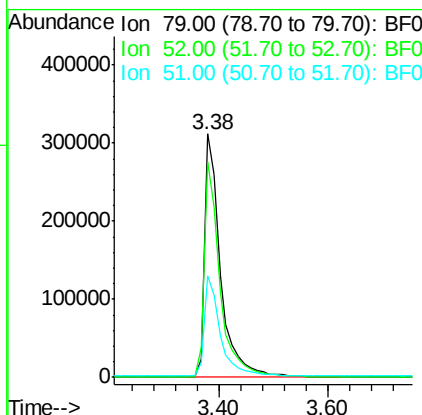
#3
Pvridine
Concen: 37.32 ng
RT: 3.38 min Scan# 113
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.3	57.1	85.7#
51	41.5	27.3	40.9#

Instrument :
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ClientSampleId :
SSTDICCC040

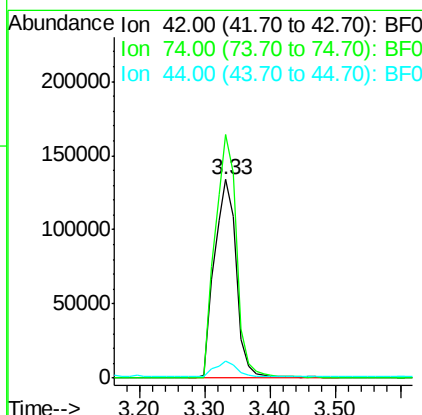
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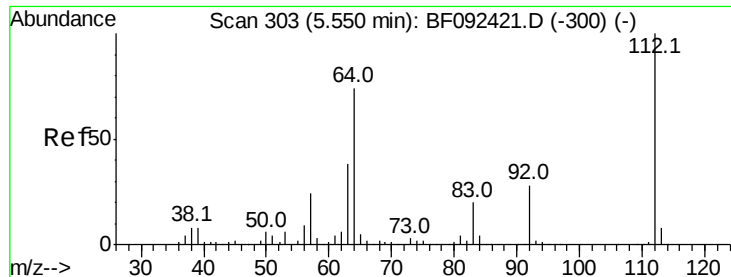
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#4
n-Nitrosodimethylamine
Concen: 49.28 ng
RT: 3.33 min Scan# 109
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.7	117.0	175.4
44	8.5	5.5	8.3#





#5

2-Fluorophenol

Concen: 83.86 ng

RT: 5.55 min Scan# 303

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 112 Resp: 834867
Ion Ratio Lower Upper

112 100

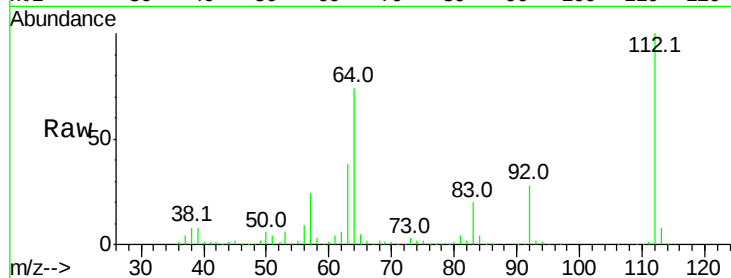
64 74.3 46.1 69.1#

63 37.6 23.8 35.6#

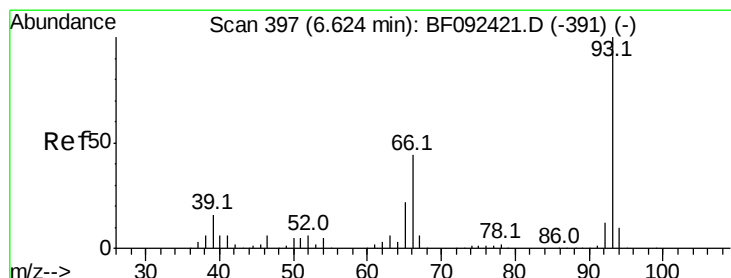
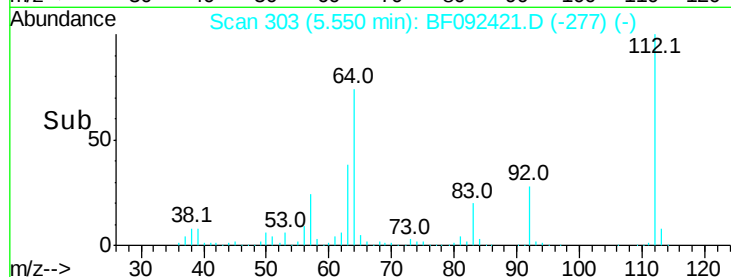
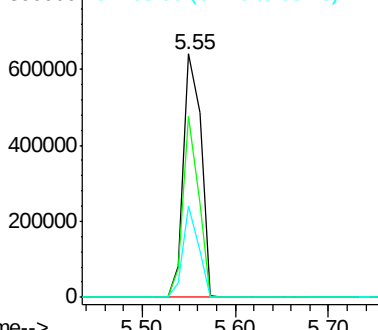
Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 52.15 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092421.D

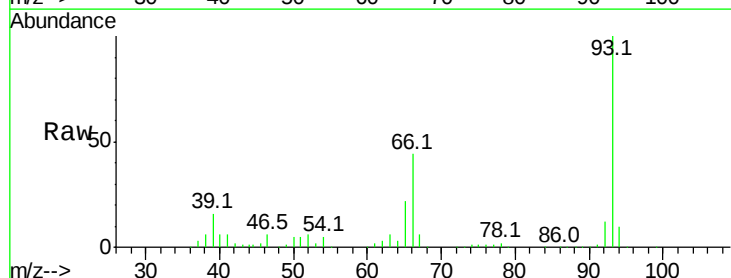
Acq: 24 Jan 2017 11:37

Tgt Ion: 93 Resp: 823324
Ion Ratio Lower Upper

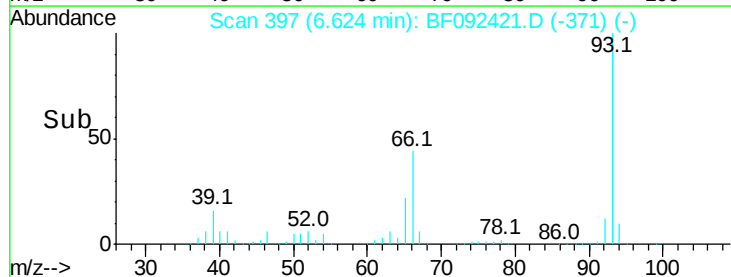
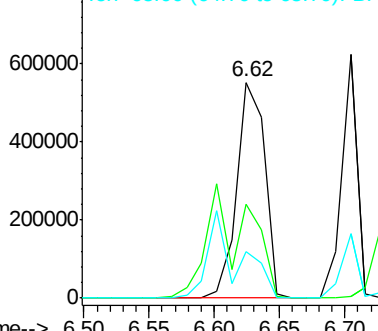
93 100

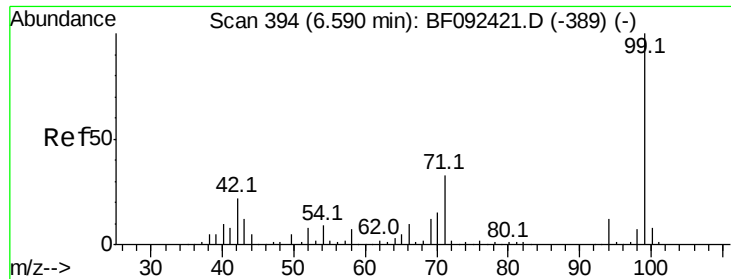
66 43.8 76.2 114.2#

65 21.6 49.3 73.9#



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





#7

Phenol-d6

Concen: 88.53 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1076010

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

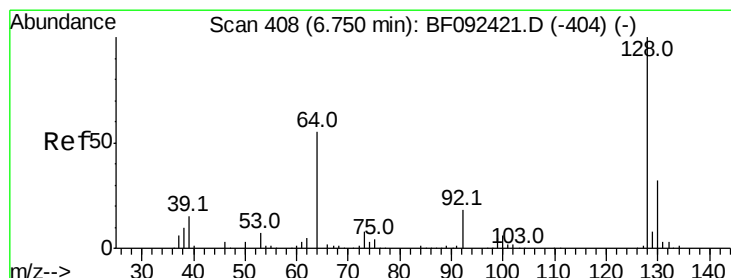
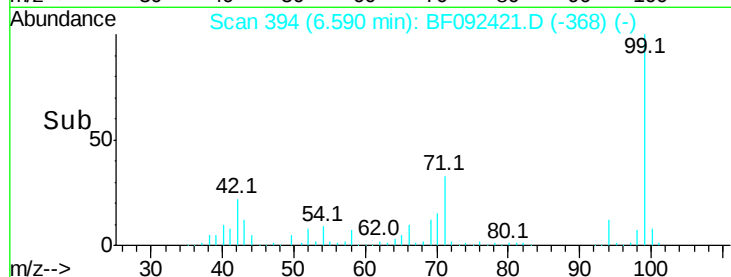
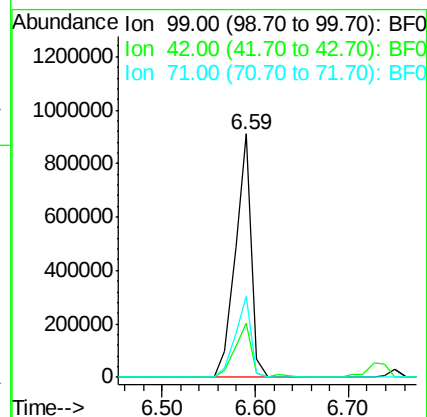
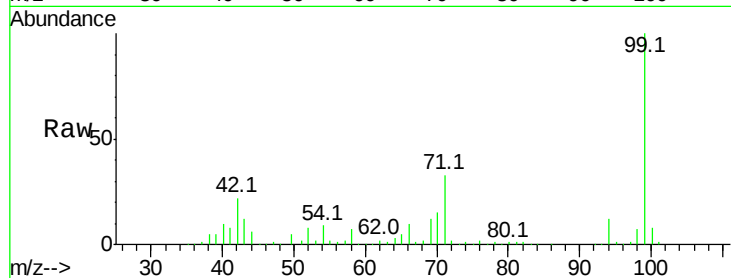
71 33.2 27.5 41.3

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#8

2-Chlorophenol

Concen: 39.79 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

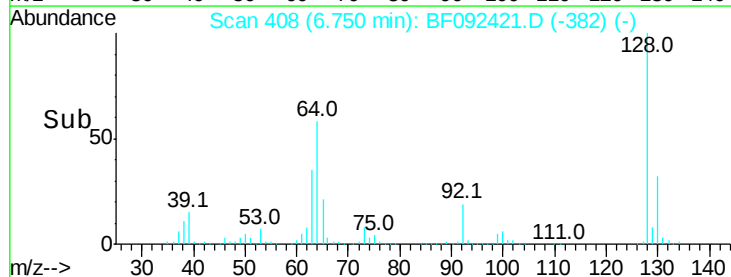
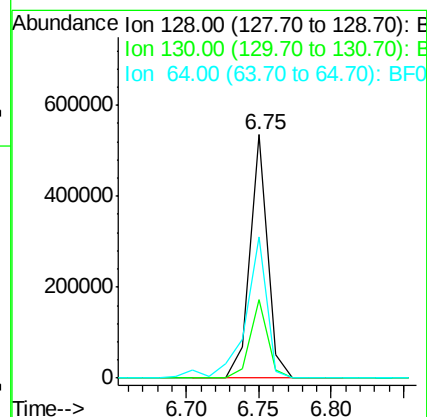
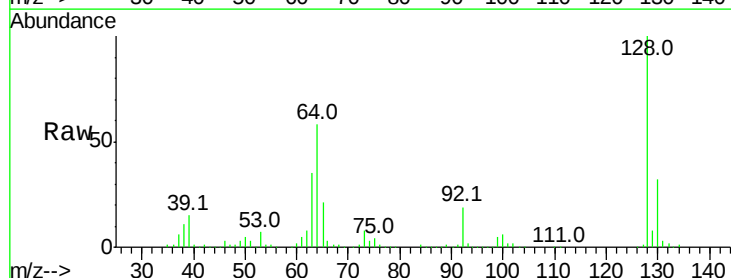
Tgt Ion: 128 Resp: 450635

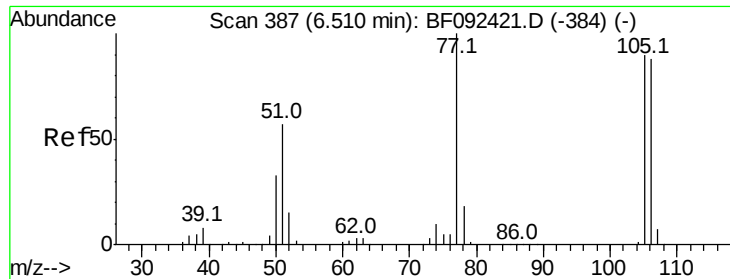
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 58.0 32.2 72.2





#9

Benzaldehyde

Concen: 49.82 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 374248

Ion Ratio Lower Upper

77 100

105 90.5 83.9 123.9

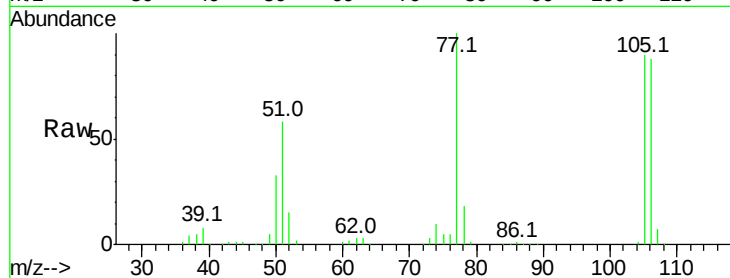
106 87.8 77.6 117.6

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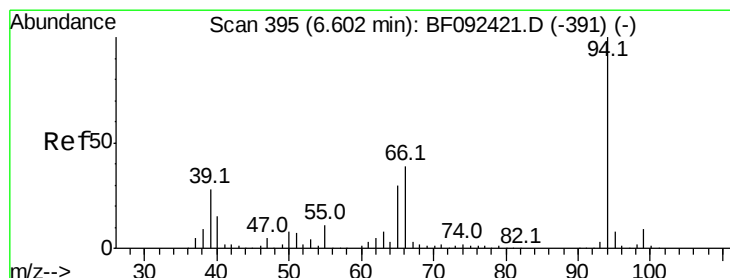
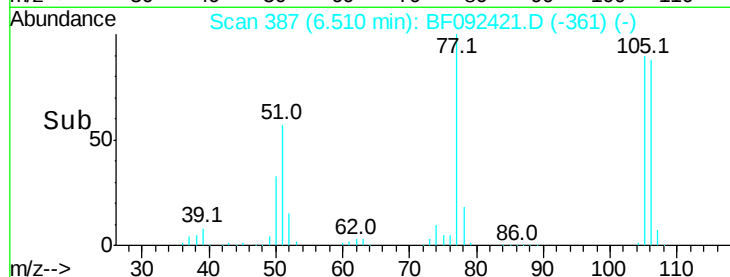
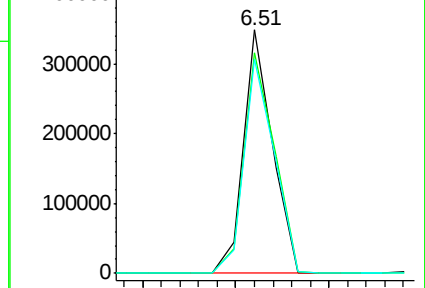
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.24 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

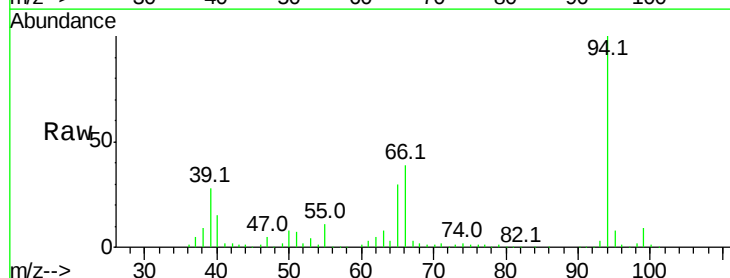
Tgt Ion: 94 Resp: 681951

Ion Ratio Lower Upper

94 100

65 30.3 21.4 61.4

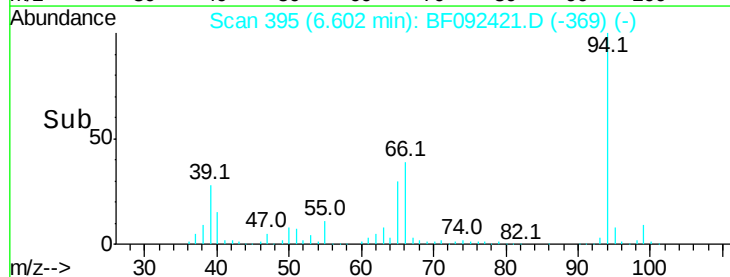
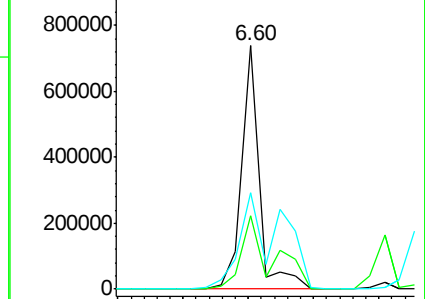
66 39.5 44.0 84.0#

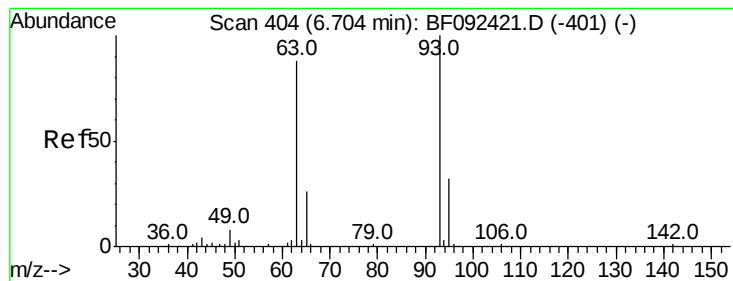


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





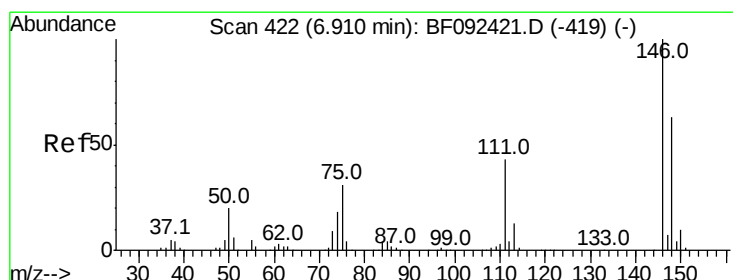
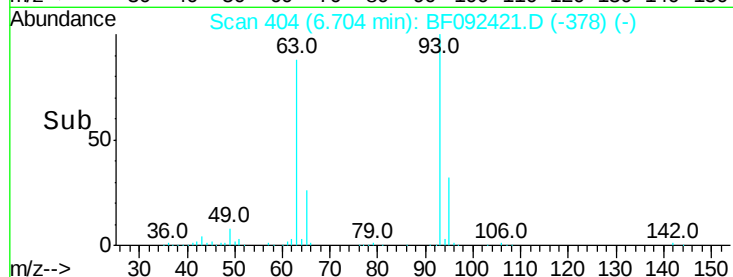
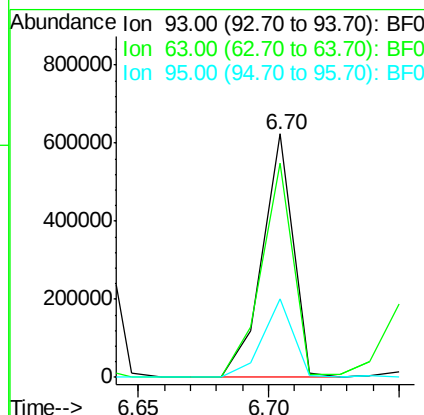
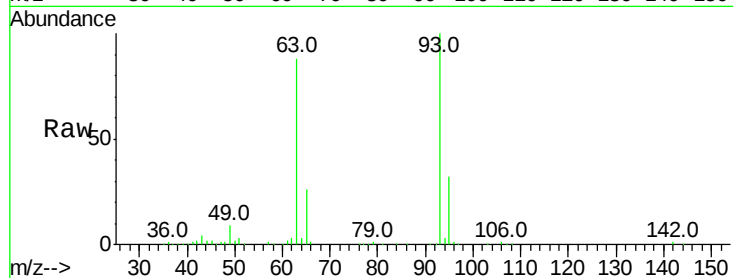
#11
bis(2-Chloroethyl)ether
Concen: 46.84 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.8	60.4	100.4
95	32.4	12.8	52.8

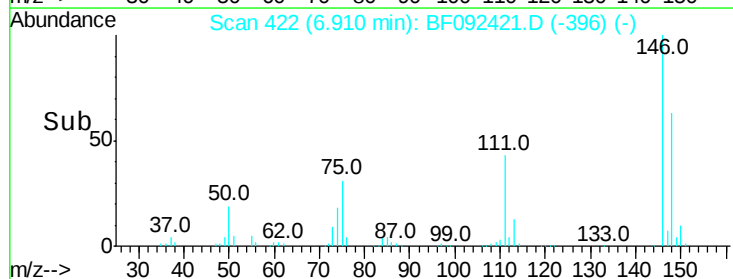
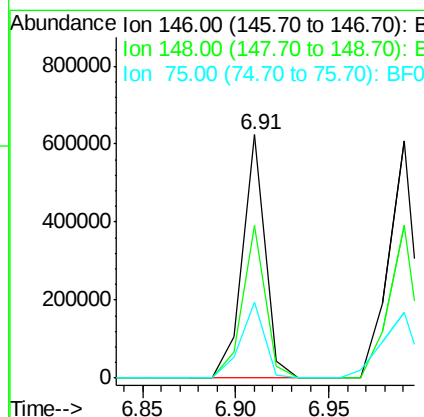
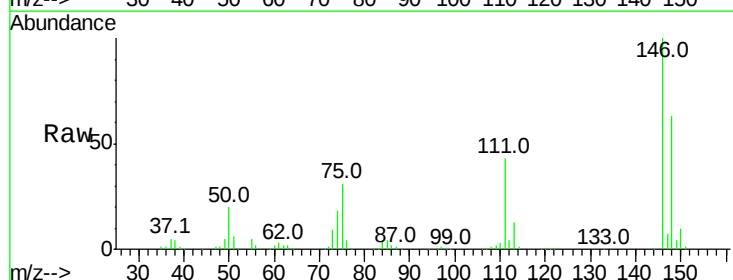
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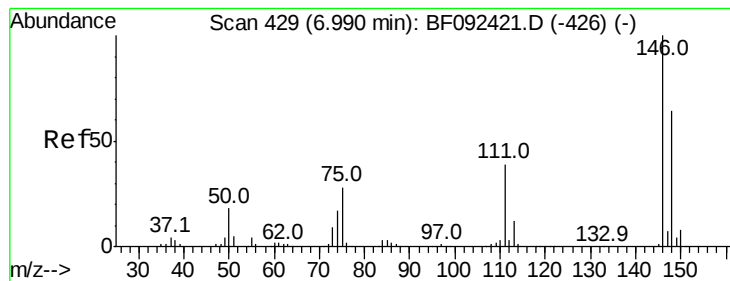
mohammad
1/25/2017 3:49:14 PM



#12
1,3-Dichlorobenzene
Concen: 44.02 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.4	80.0
75	31.3	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 45.35 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

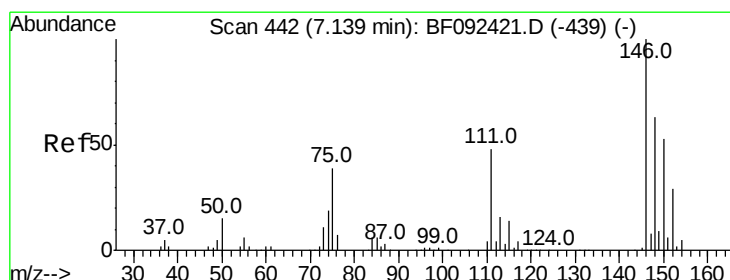
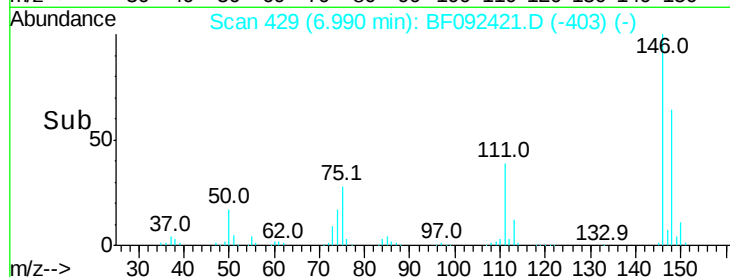
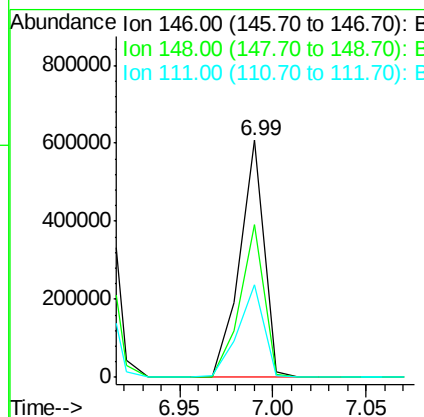
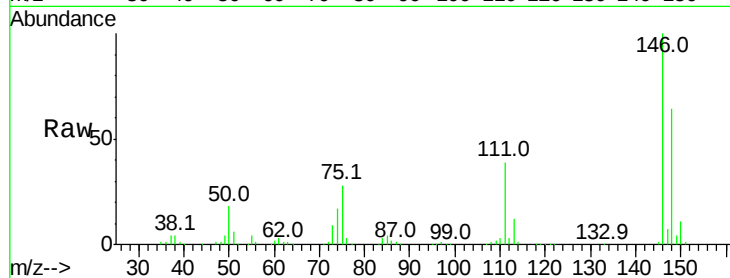
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	39.1	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 44.48 ng

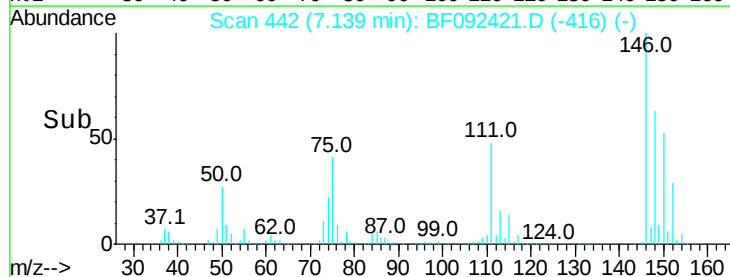
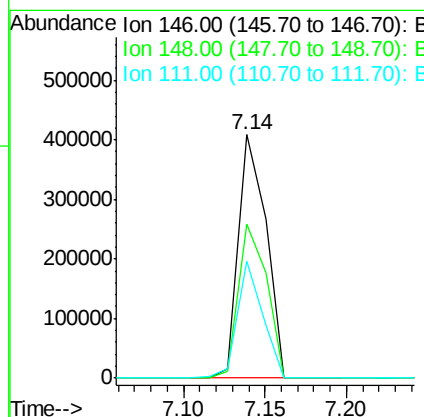
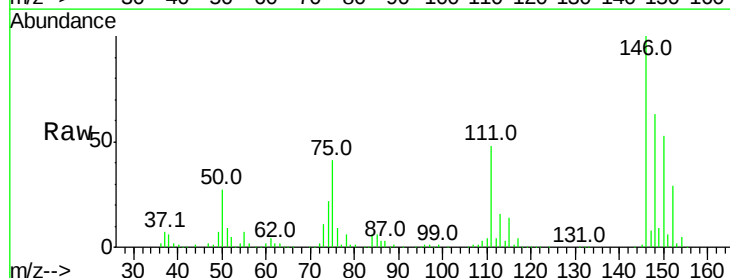
RT: 7.14 min Scan# 442

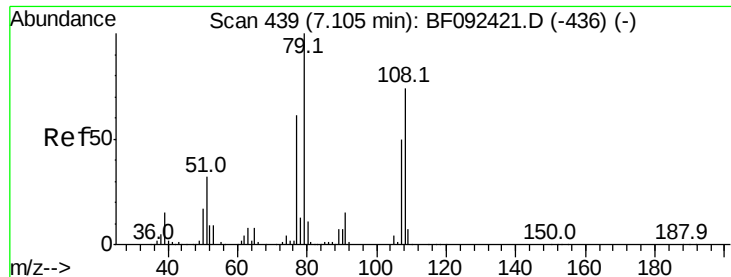
Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	48.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 43.98 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

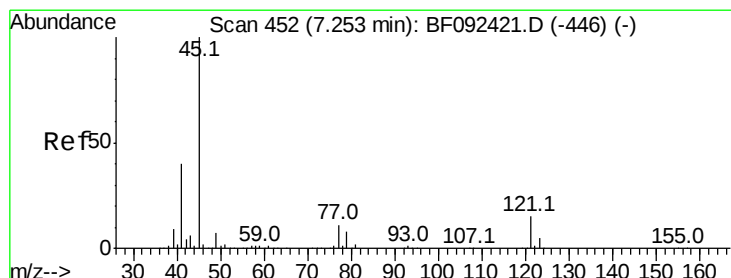
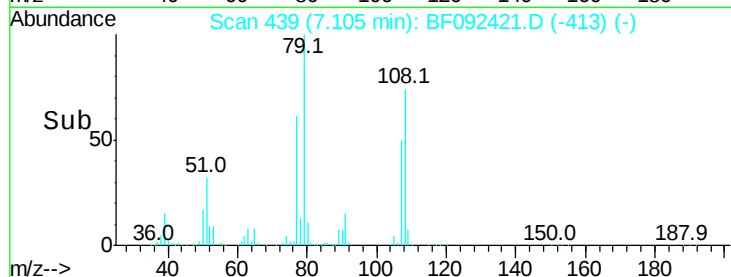
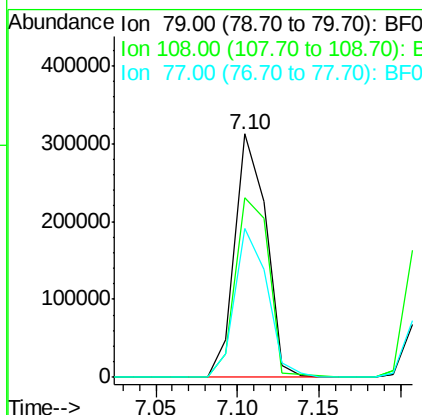
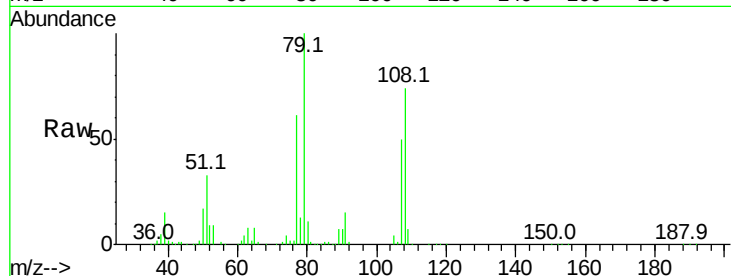
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	415378
Ion	Ratio	Lower	Upper
79	100		
108	73.8	61.4	92.0
77	61.0	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.83 ng

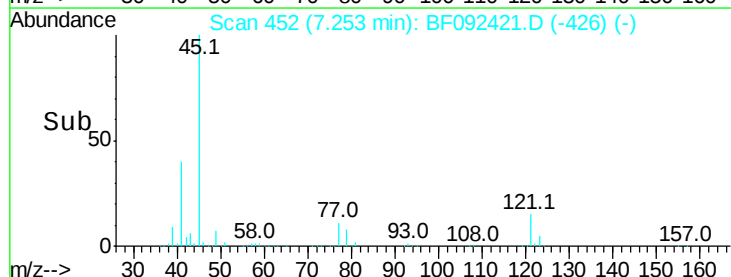
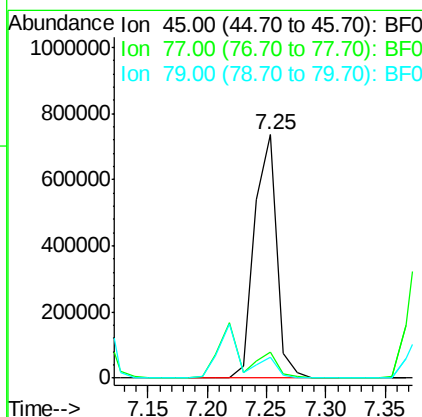
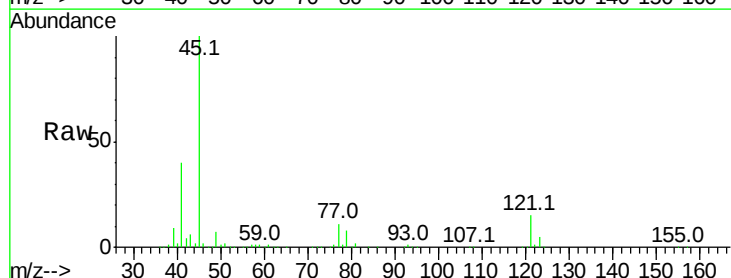
RT: 7.25 min Scan# 452

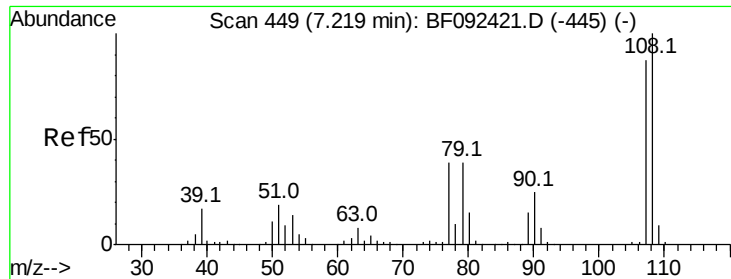
Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion:	45	Resp:	965568
Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	34.6
79	8.3	0.0	31.2





#17

2-Methylphenol

Concen: 42.81 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:107 Resp: 389903
Ion Ratio Lower Upper

107 100

108 114.4 93.0 139.6

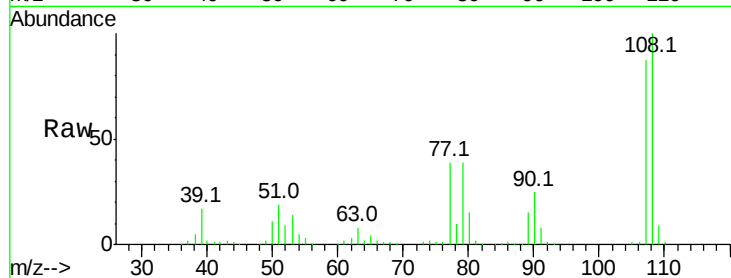
77 44.8 39.8 59.8

79 44.2 38.0 57.0

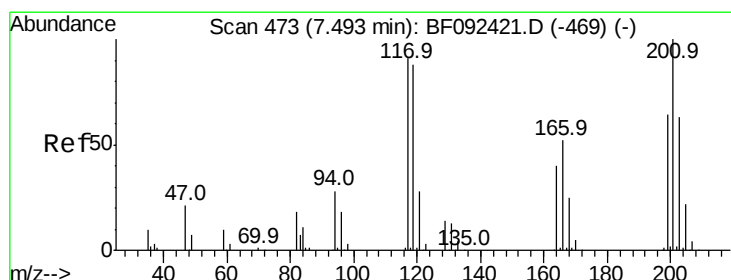
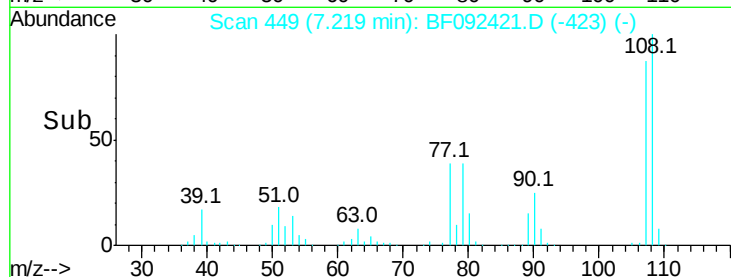
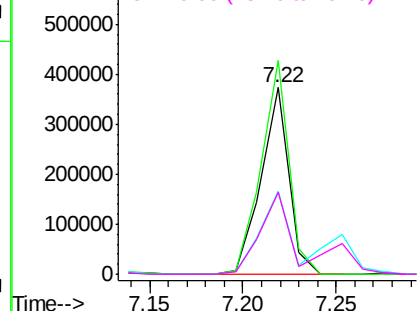
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.53 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF092421.D

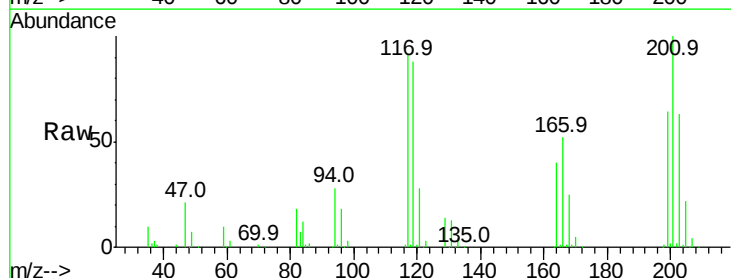
Acq: 24 Jan 2017 11:37

Tgt Ion:117 Resp: 189464
Ion Ratio Lower Upper

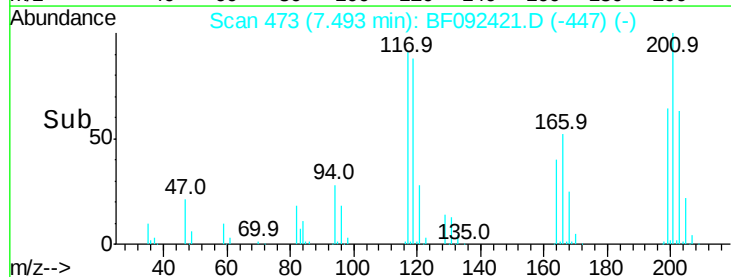
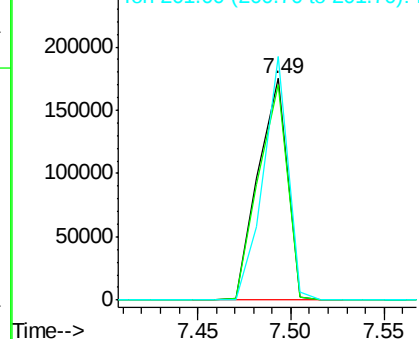
117 100

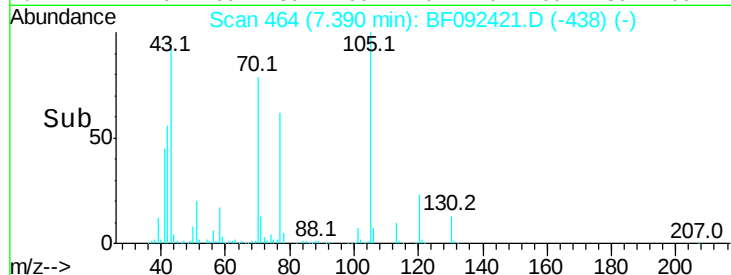
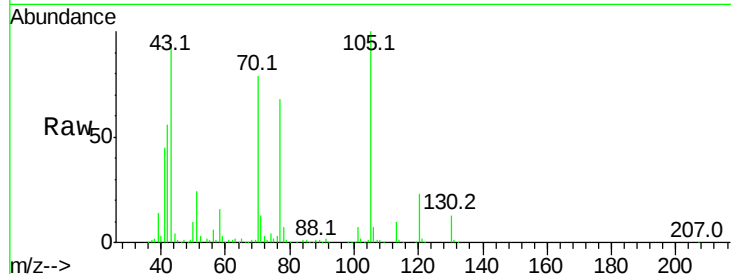
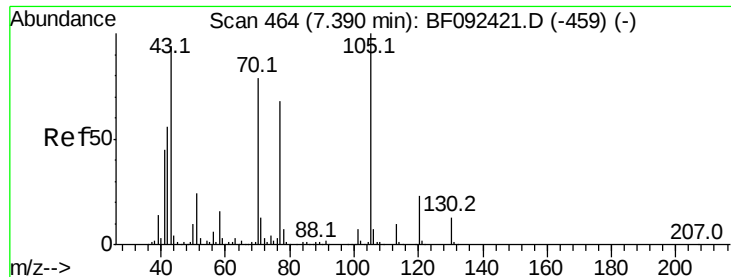
119 96.9 78.1 117.1

201 109.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





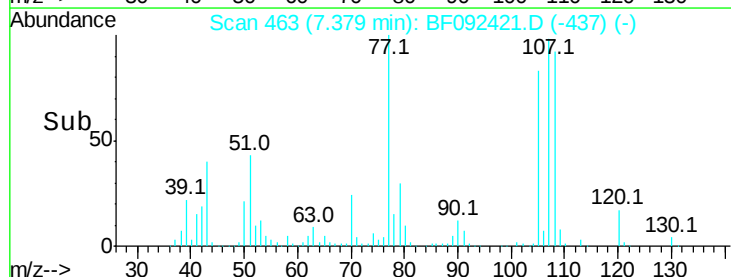
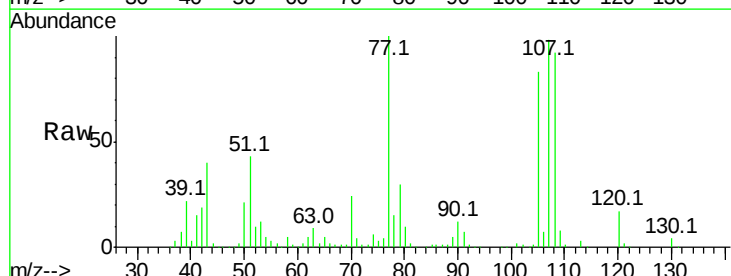
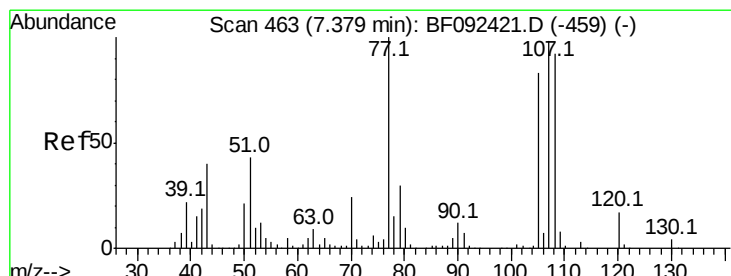
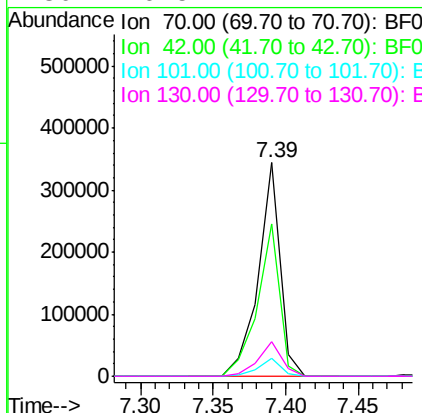
#19
n-Nitroso-di-n-propylamine
Concen: 44.58 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.3	49.4	74.0	
101	8.7	7.4	11.2	
130	16.5	14.2	21.4	

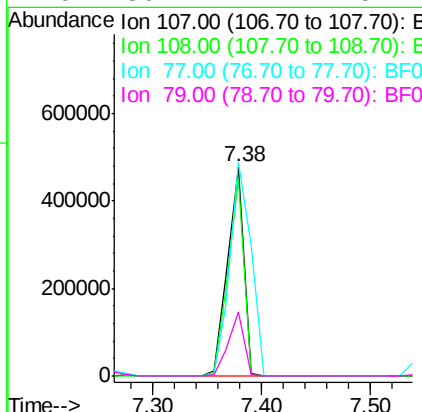
Manual Integrations
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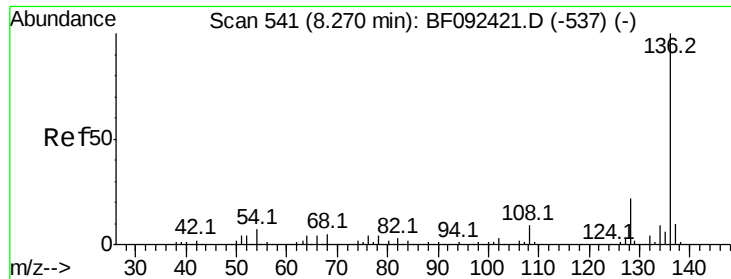
mohammad
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#20
3+4-Methylphenols
Concen: 45.47 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.3	73.0	113.0	
77	102.1	71.3	111.3	
79	30.7	11.1	51.1	





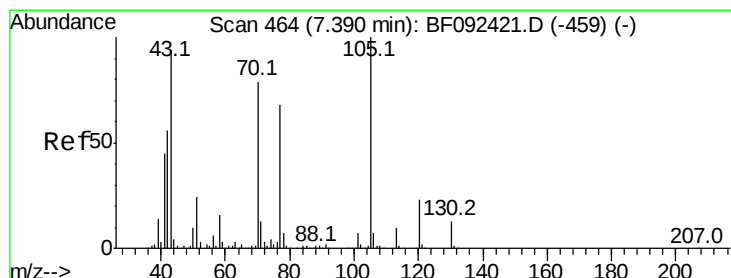
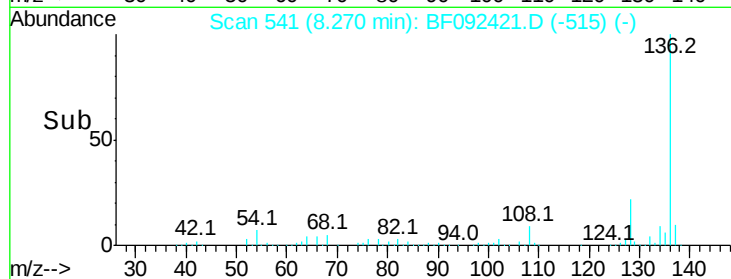
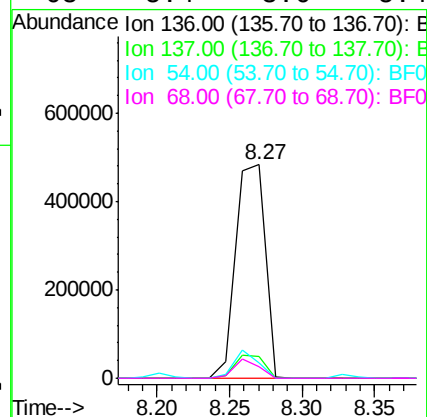
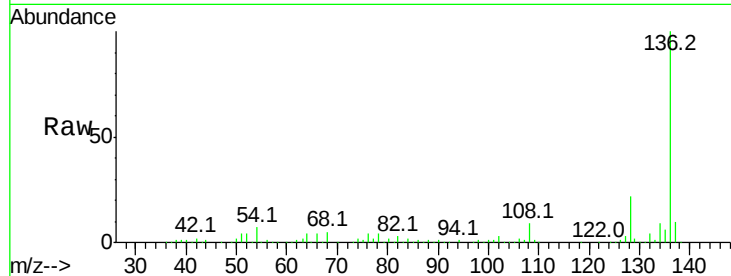
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	683154		
137	10.4	8.4	12.6	
54	7.1	4.5	6.7#	
68	5.4	3.6	5.4#	

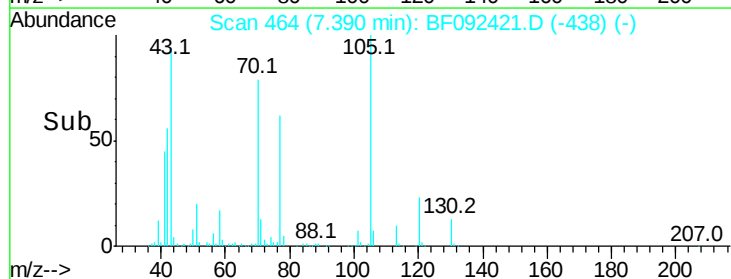
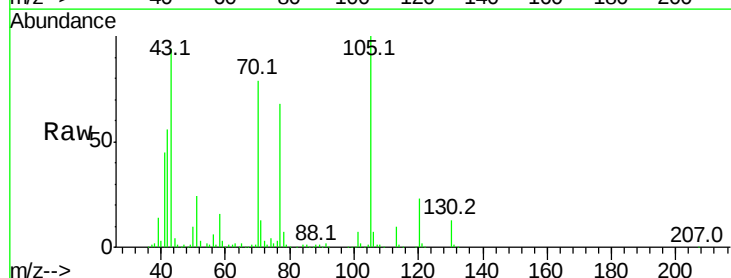
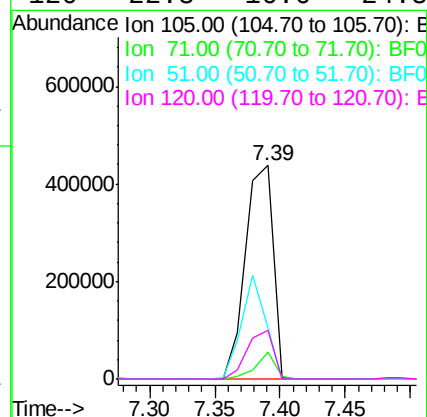
Manual Integrations
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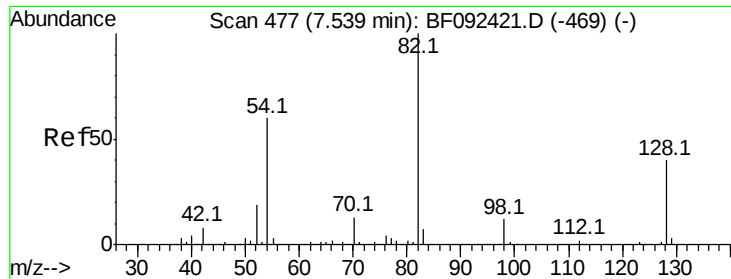
mohammad
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#22
Acetophenone
Concen: 38.34 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	646016		
71	12.9	3.2	4.8#	
51	23.9	26.2	39.4#	
120	22.8	16.6	24.8	





#23

Nitrobenzene-d5

Concen: 80.97 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 994787

Ion Ratio Lower Upper

82 100

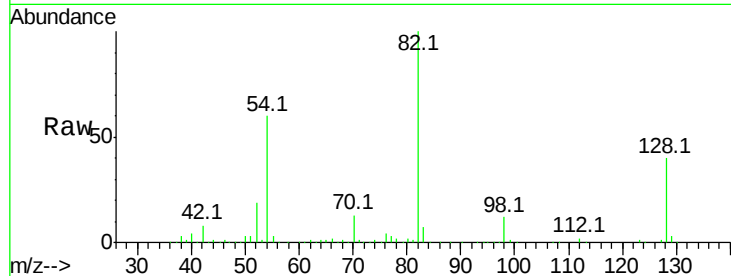
128 40.4 34.6 52.0

54 60.2 39.5 59.3#

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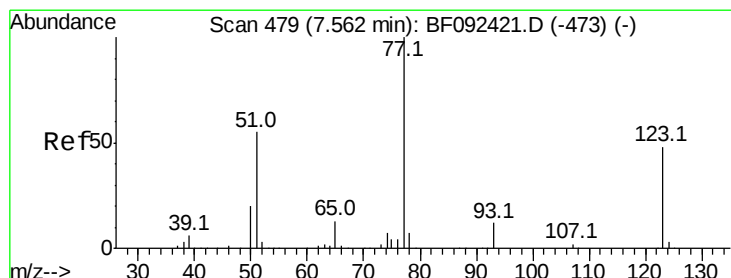
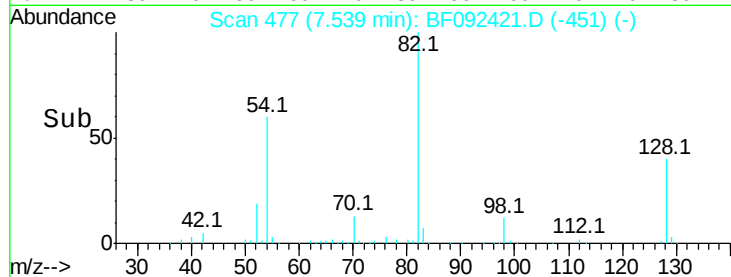
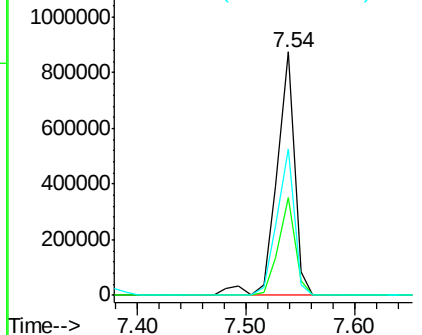
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.88 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

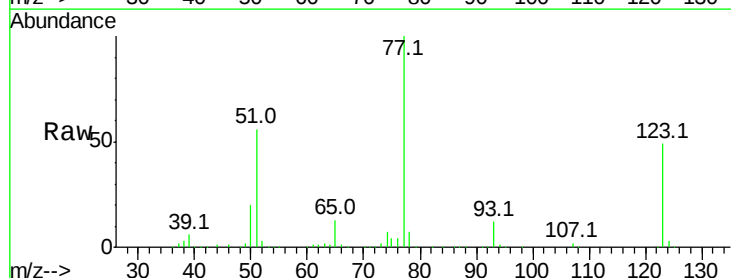
Tgt Ion: 77 Resp: 561095

Ion Ratio Lower Upper

77 100

123 49.1 33.0 49.4

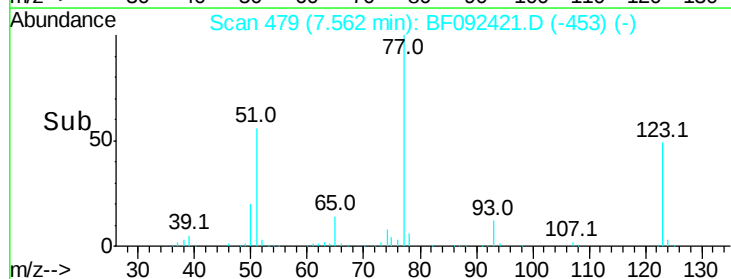
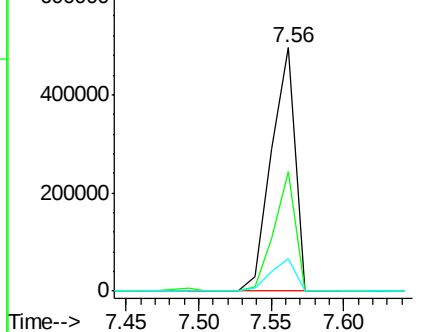
65 13.4 11.2 16.8

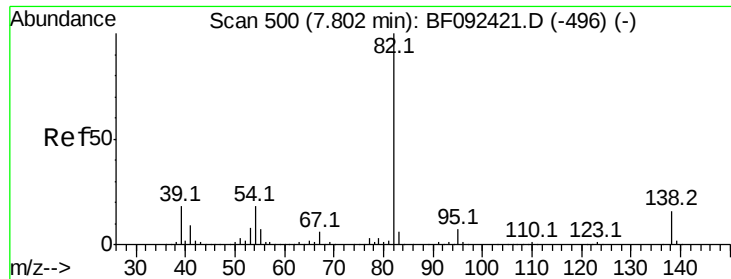


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.89 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

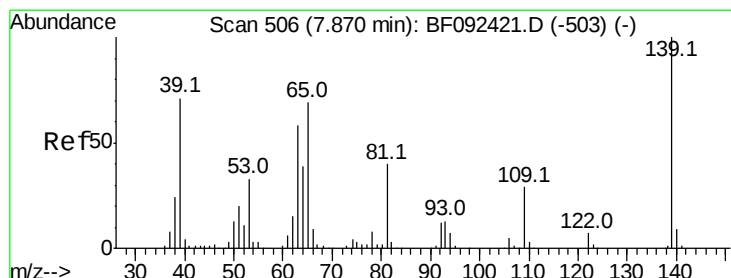
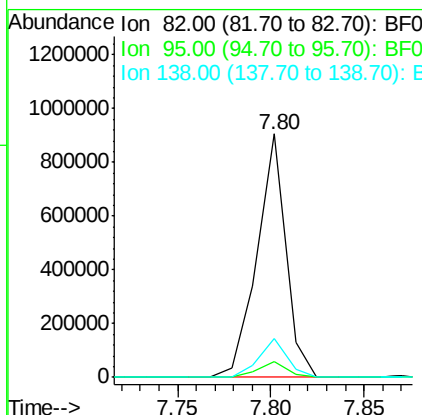
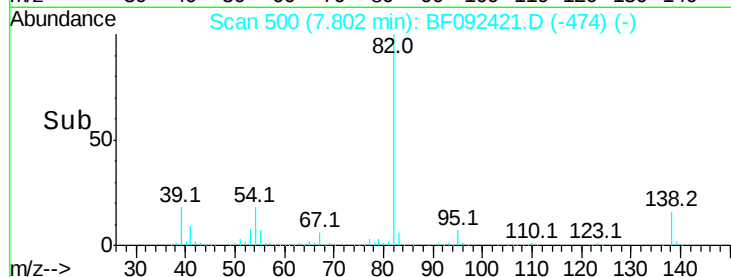
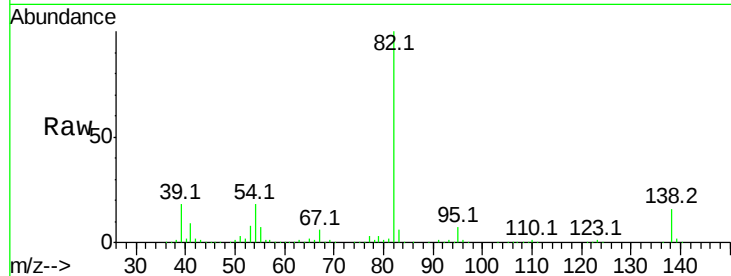
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	972220
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	16.0	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.11 ng

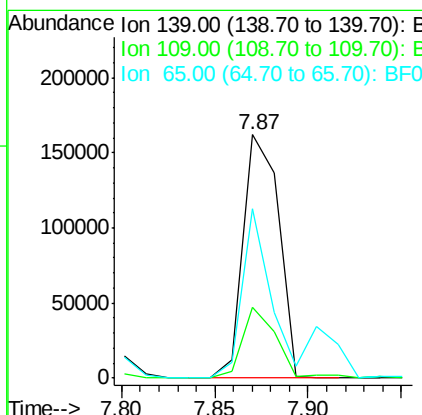
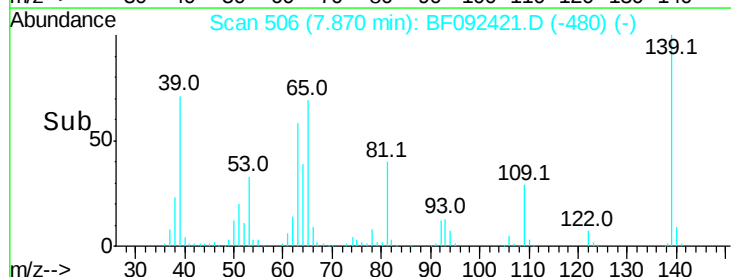
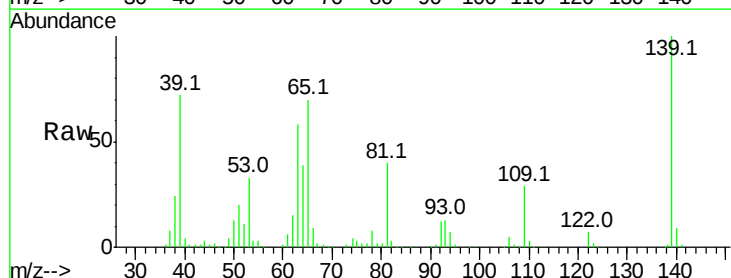
RT: 7.87 min Scan# 506

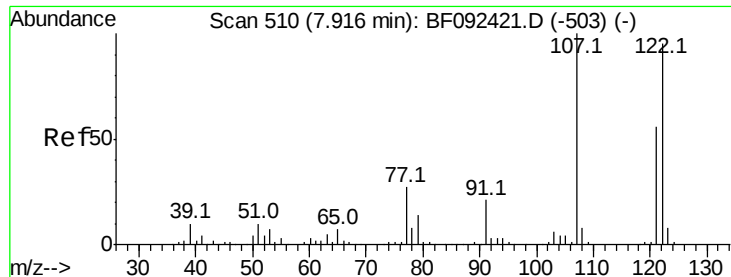
Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion:	139	Resp:	213629
Ion Ratio	Lower	Upper	
139	100		
109	29.2	23.3	34.9
65	69.7	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 41.63 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

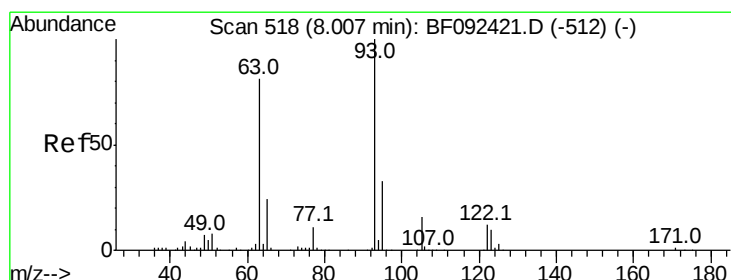
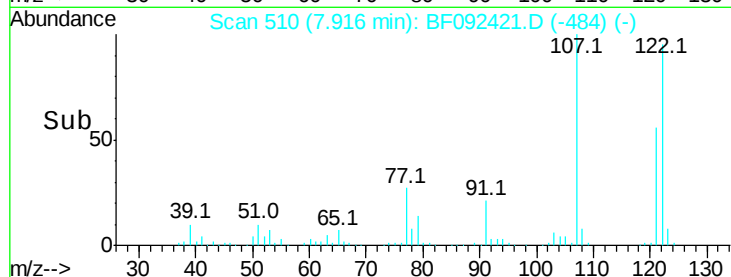
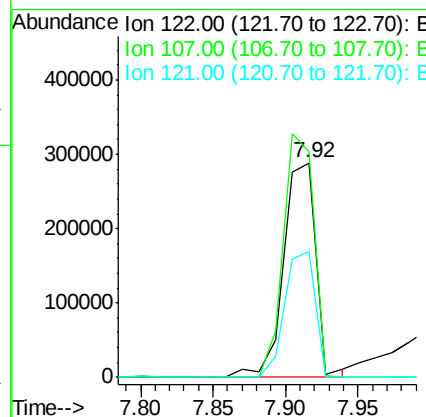
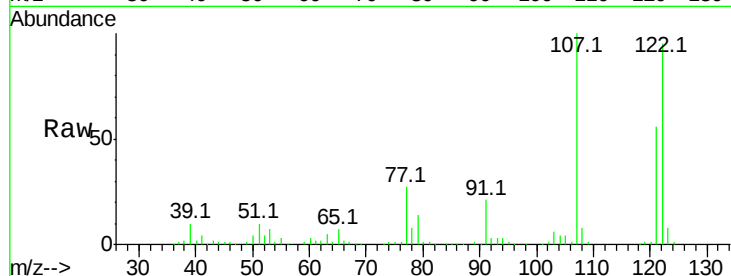
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	445505		
107	105.4		94.1	141.1
121	59.0		46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 43.66 ng

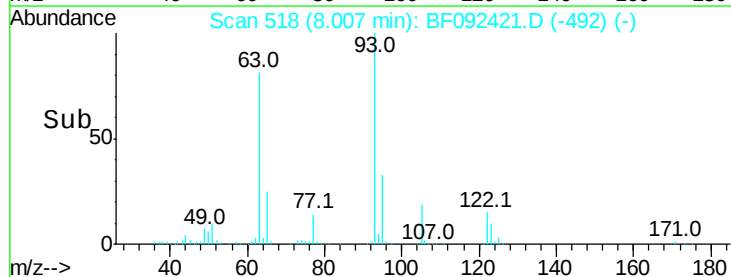
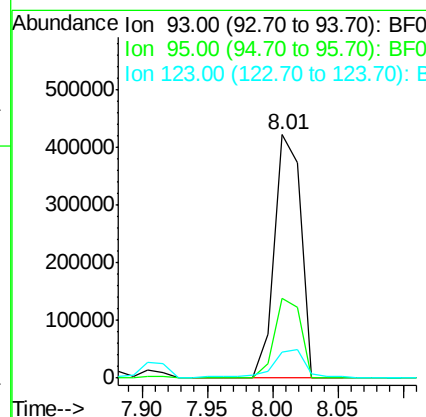
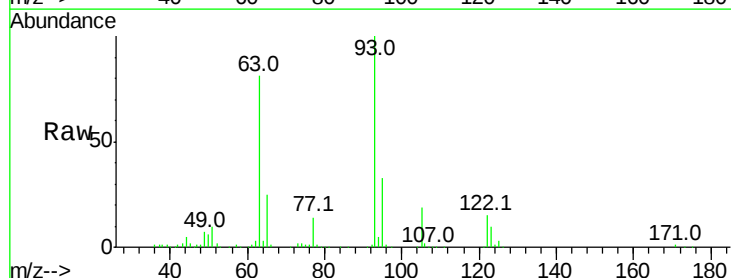
RT: 8.01 min Scan# 518

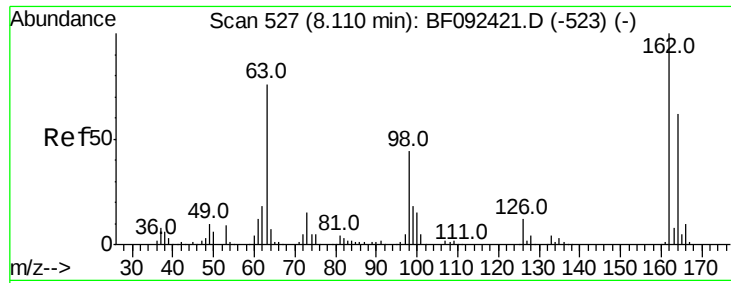
Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	600080		
95	32.7		26.5	39.7
123	10.4		8.6	13.0





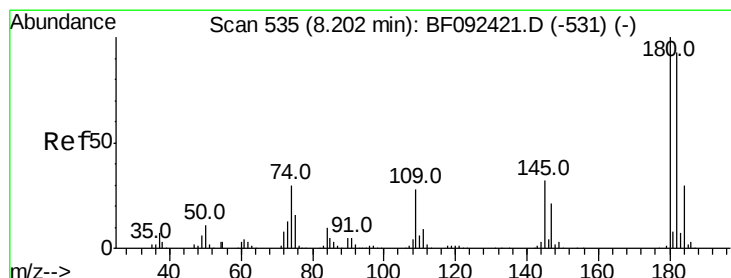
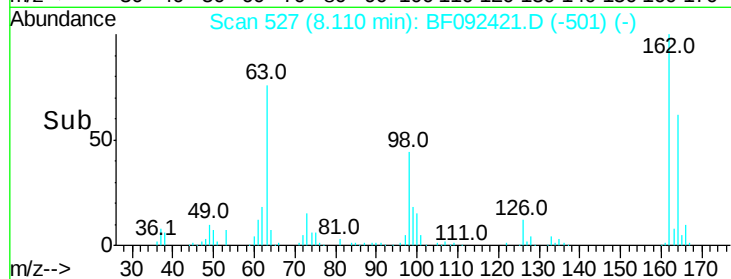
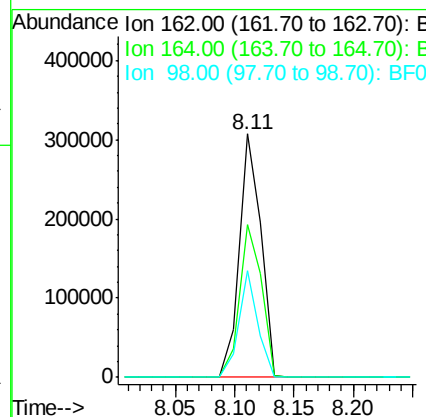
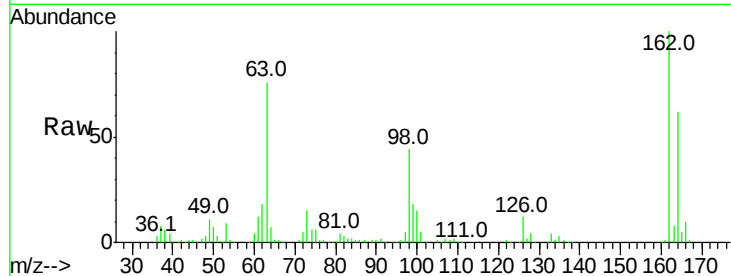
#29
 2,4-Dichlorophenol
 Concen: 42.98 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.5	46.8	86.8
98	43.7	9.1	49.1

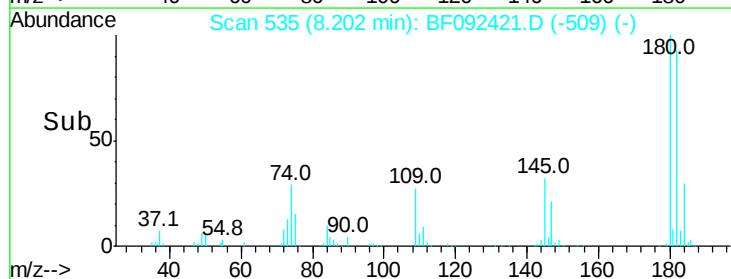
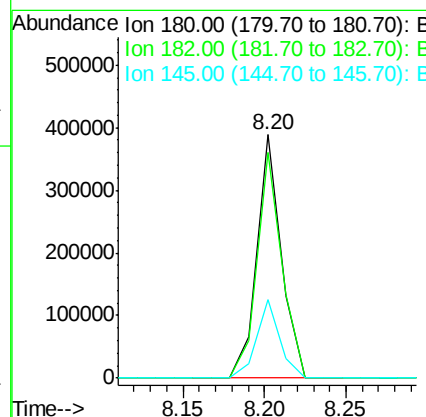
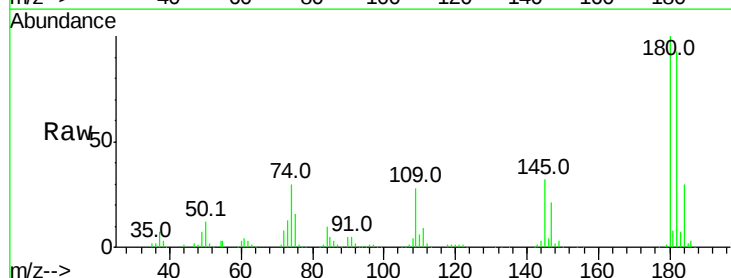
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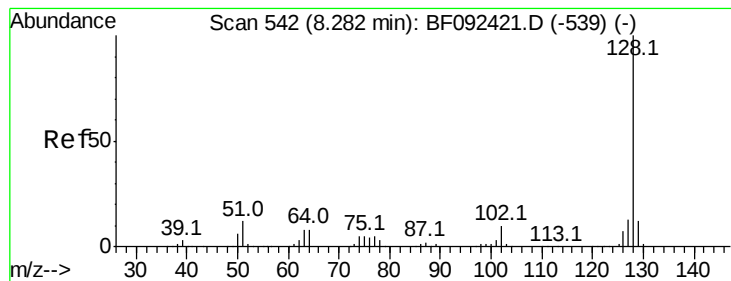
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.47 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.7	78.2	117.4
145	32.3	21.6	32.4





#31

Naphthalene

Concen: 42.06 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1315154

Ion Ratio Lower Upper

128 100

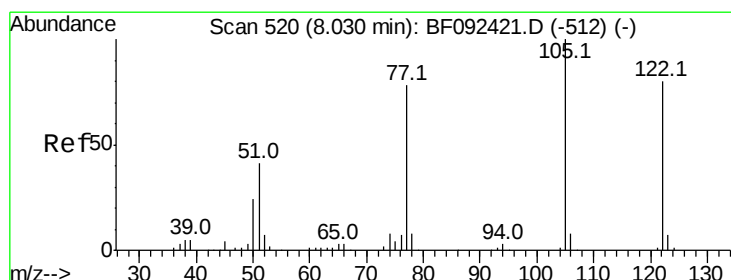
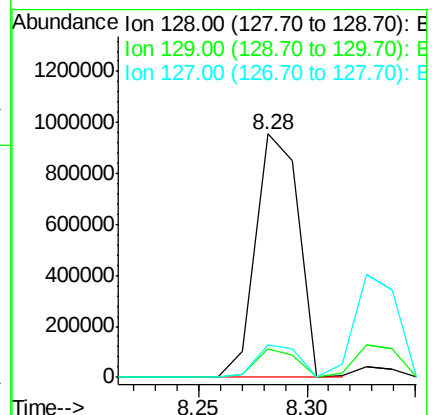
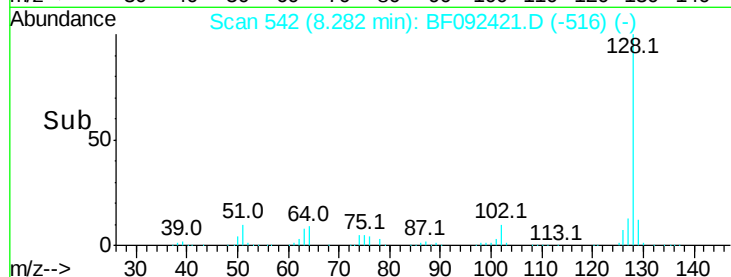
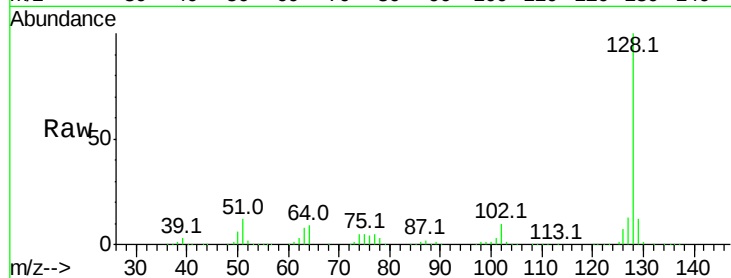
129 11.6 9.5 14.3

127 13.4 10.8 16.2

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#32

Benzoic acid

Concen: 43.29 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

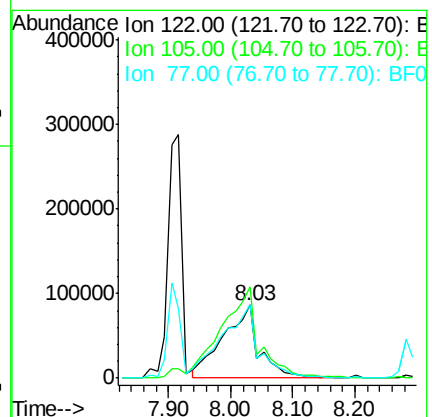
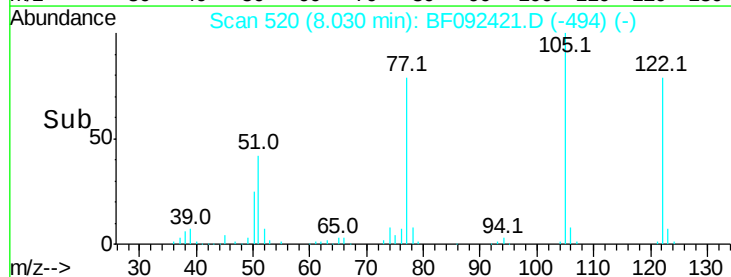
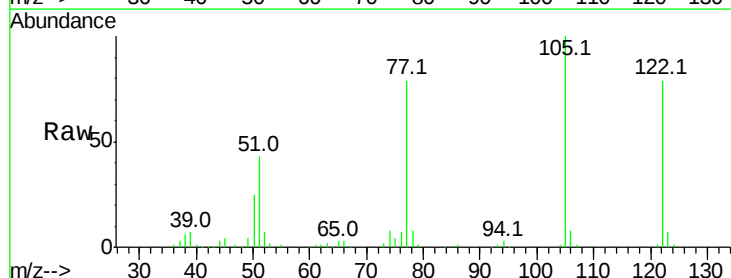
Tgt Ion:122 Resp: 343608

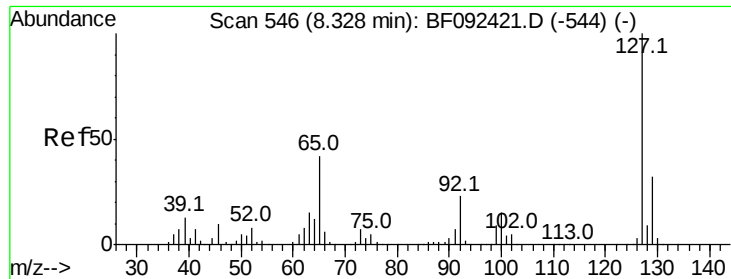
Ion Ratio Lower Upper

122 100

105 125.9 107.2 147.2

77 100.1 74.5 114.5





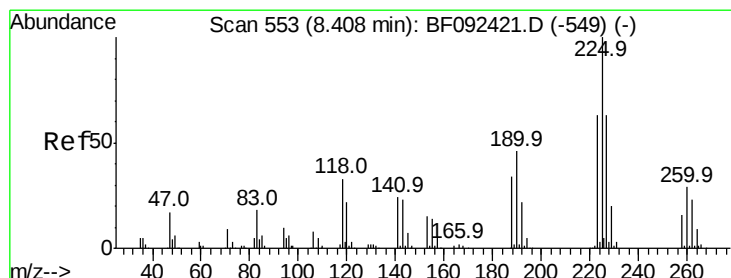
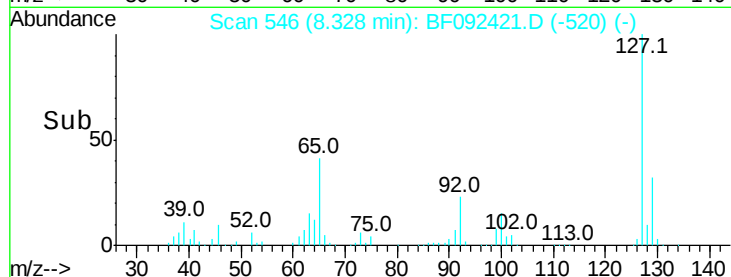
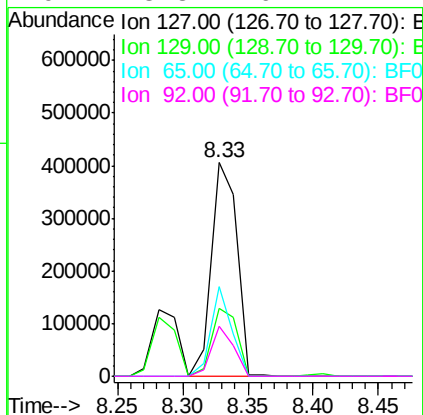
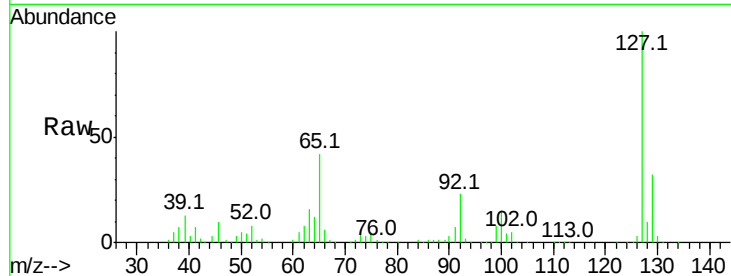
#33
4-Chloroaniline
Concen: 39.28 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.3	39.5		
65	42.2	25.8	38.8		
92	23.3	16.1	24.1		

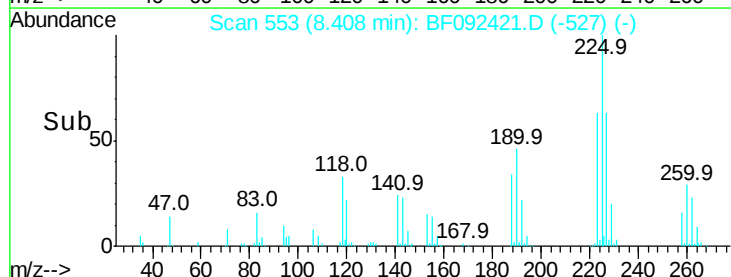
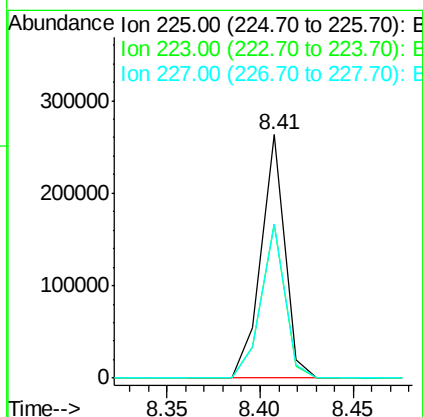
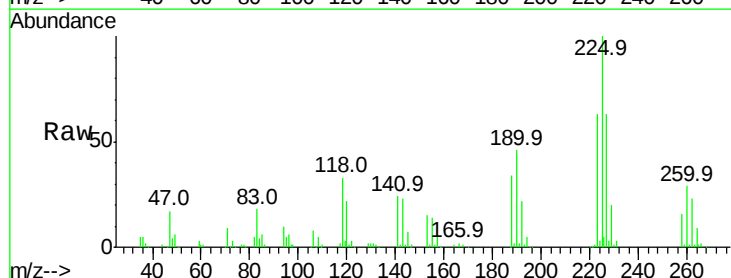
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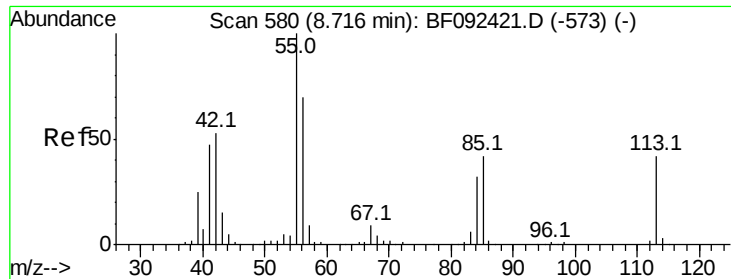
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#34
Hexachlorobutadiene
Concen: 44.10 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.0	76.6		
227	63.1	50.6	76.0		





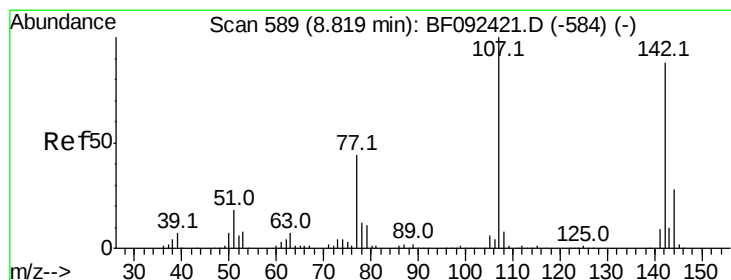
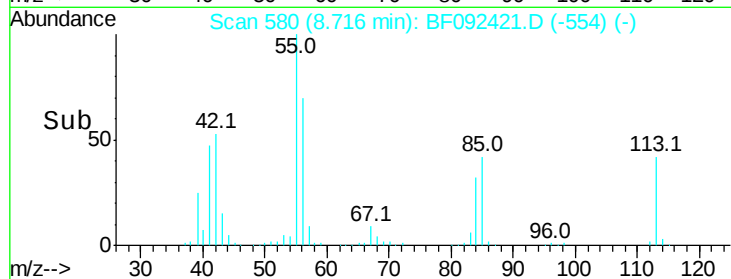
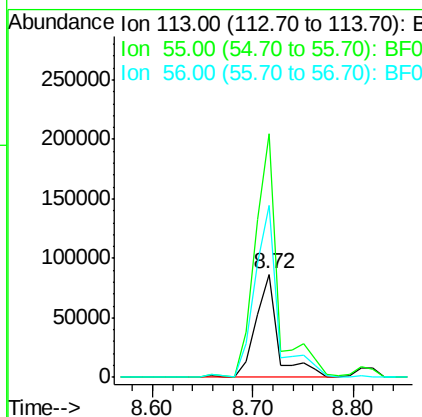
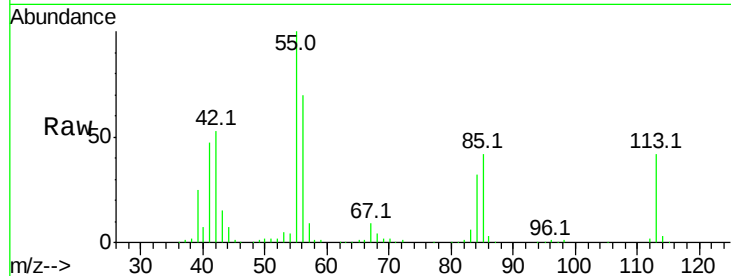
#35
 Caprolactam
 Concen: 45.00 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	235.5	119.2	159.2#
56	165.9	83.8	123.8#

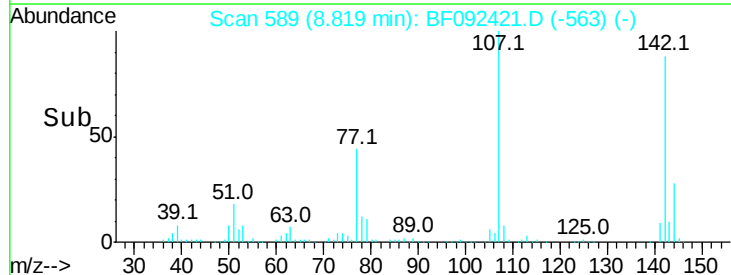
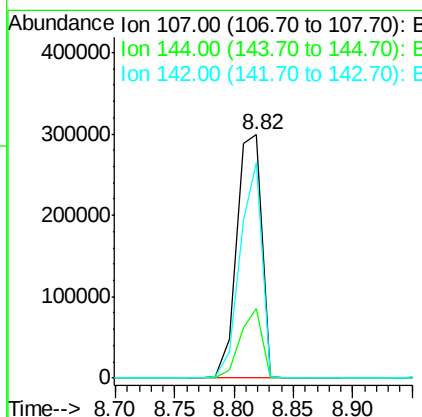
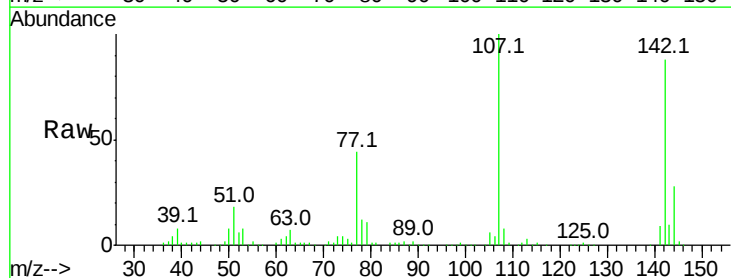
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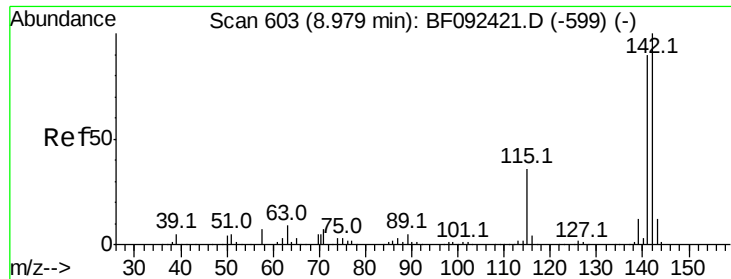
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#36
 4-Chloro-3-methylphenol
 Concen: 42.29 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	19.3	28.9
142	88.3	59.0	88.6





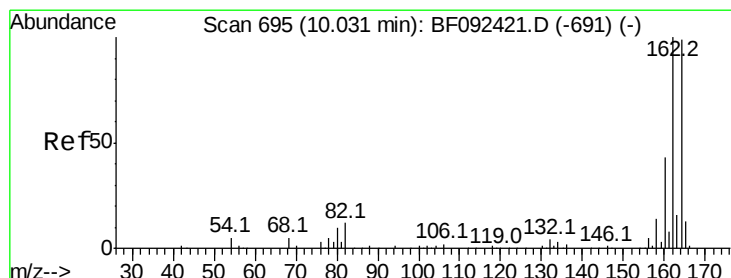
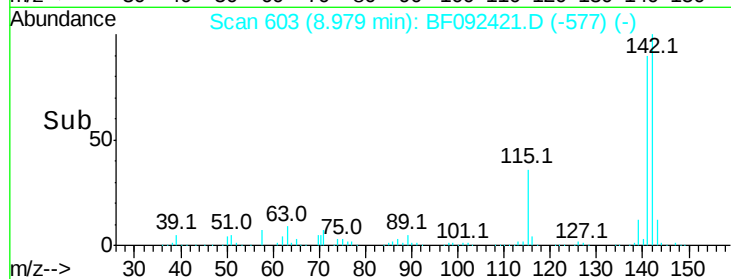
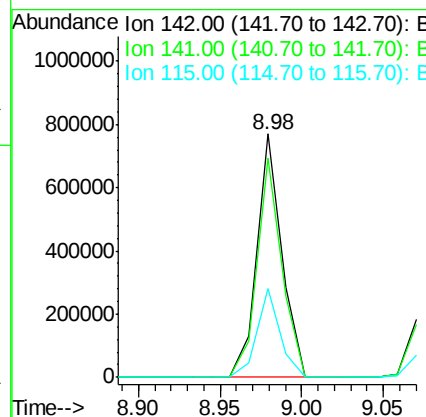
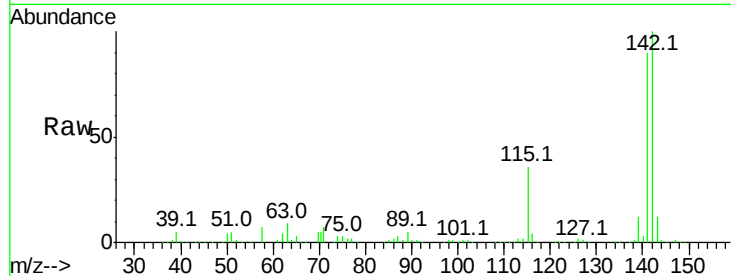
#37
2-Methylnaphthalene
Concen: 37.99 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	36.2	28.3	42.5

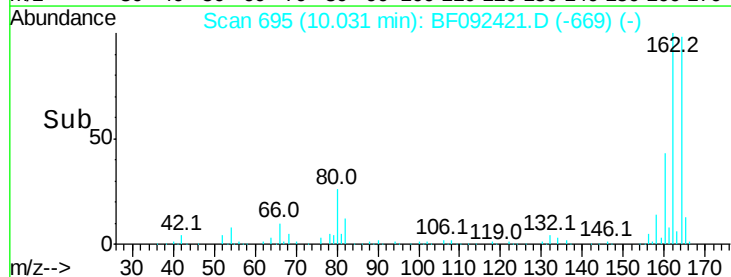
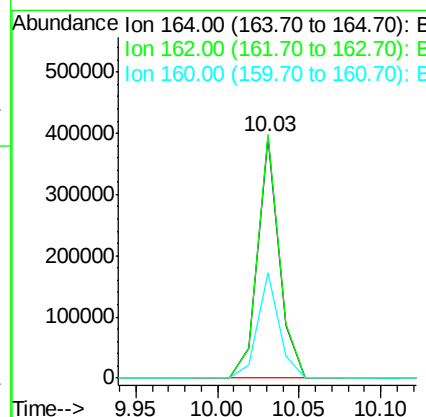
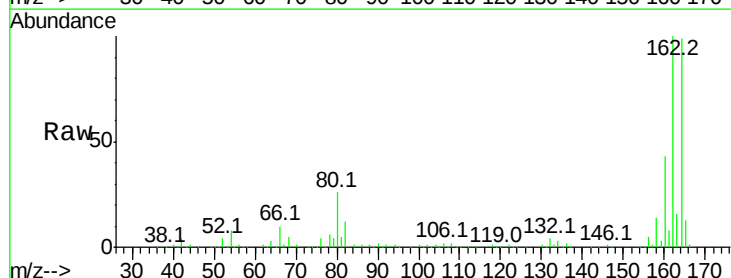
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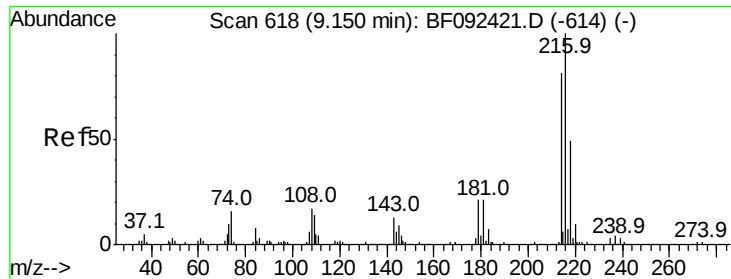
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.94 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

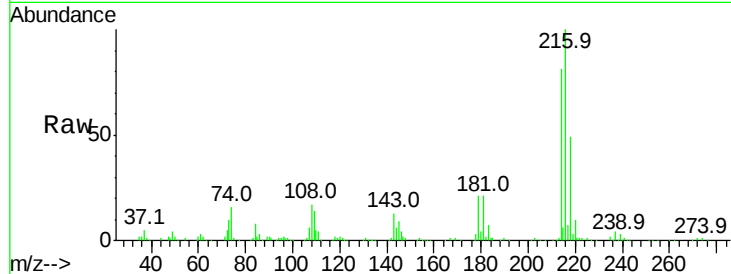
ClientSampleId :

SSTDICCC040

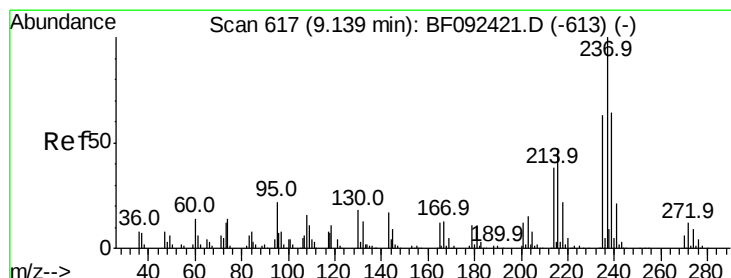
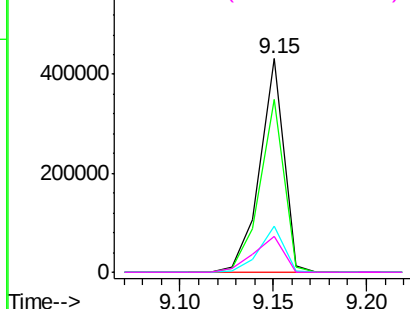
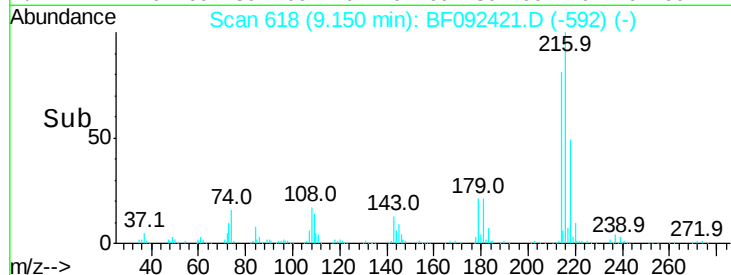
Tot Ion	Ratio	Resp	Lower	Upper
216	100	386637		
214	81.0	63.4	95.0	
179	21.8	17.4	26.2	
108	21.1	15.6	23.4	

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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: 55.35 ng

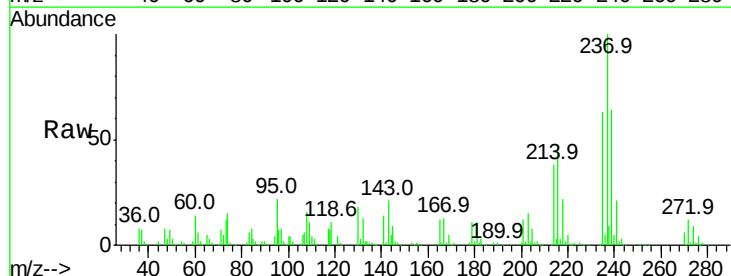
RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

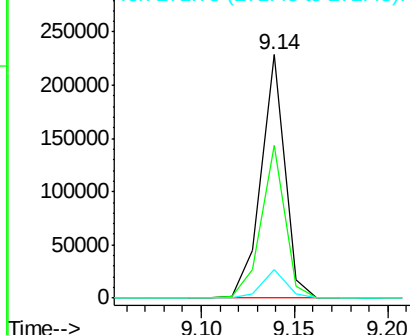
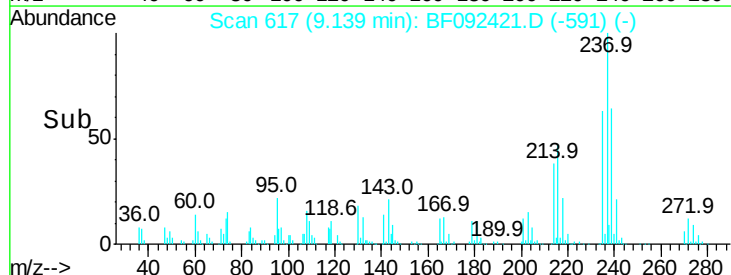
Lab File: BF092421.D

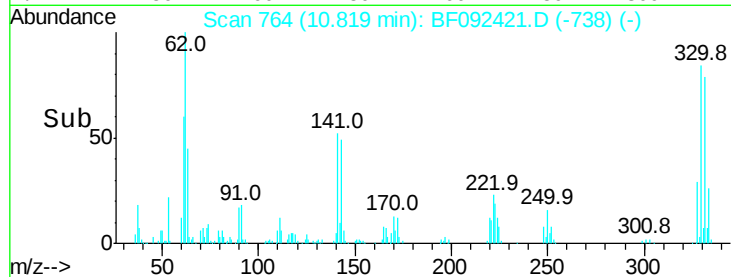
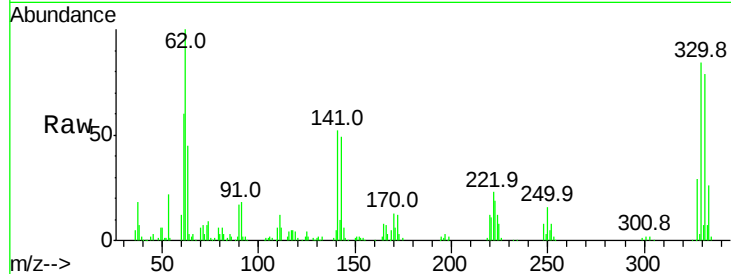
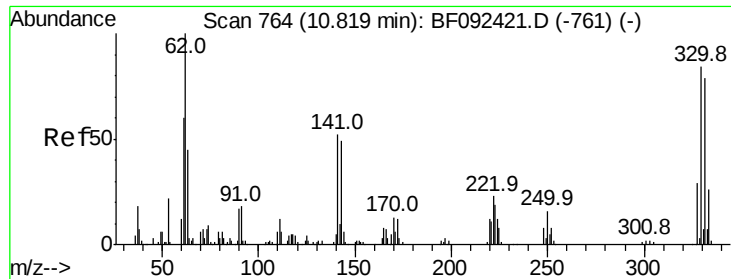
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	200702		
235	62.5	41.2	81.2	
272	11.7	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





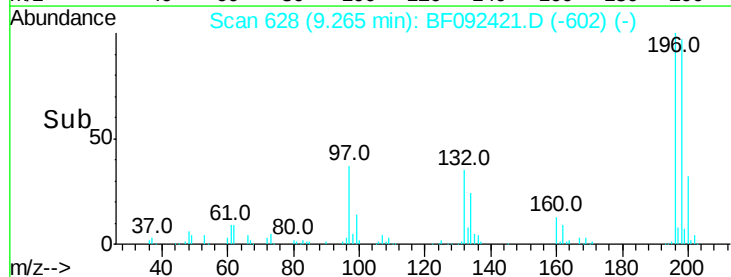
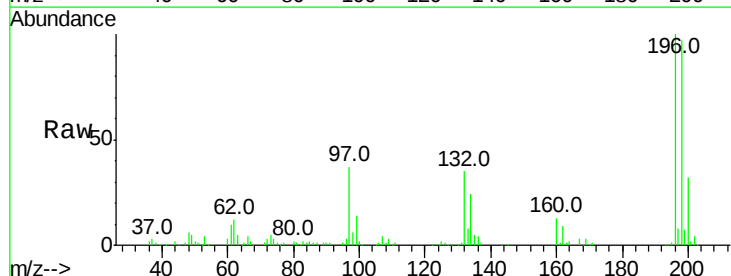
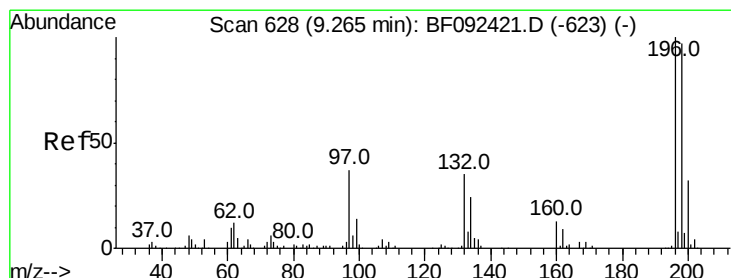
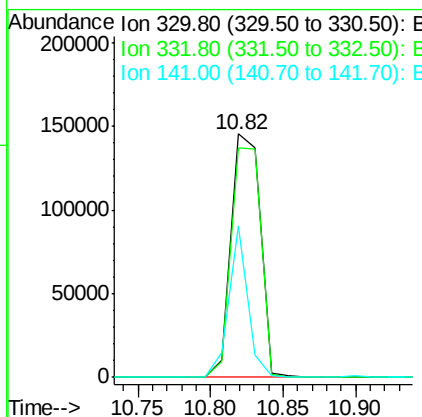
#41
 2,4,6-Tribromophenol
 Concen: 67.13 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202725		
332	96.5	77.4	116.2	
141	40.4	34.1	51.1	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

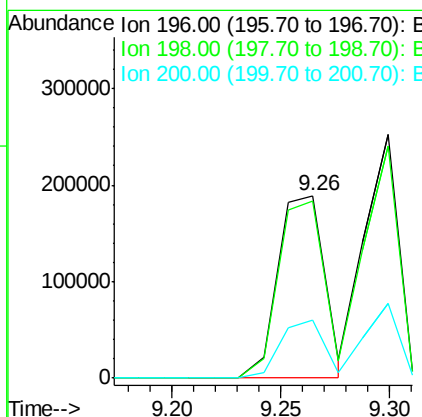
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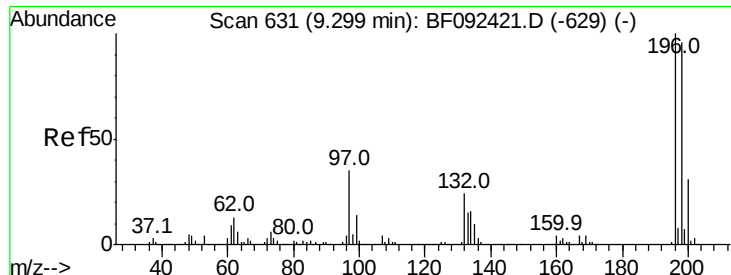
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 43.79 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282359		
198	97.3	82.1	123.1	
200	32.0	27.0	40.4	





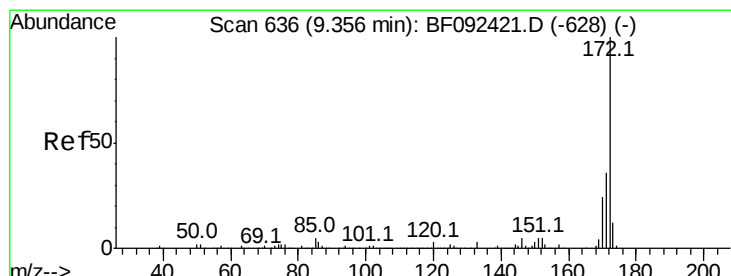
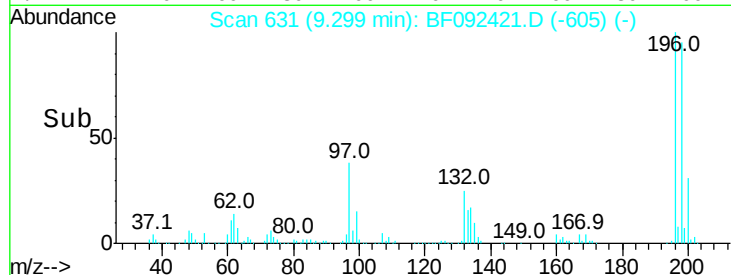
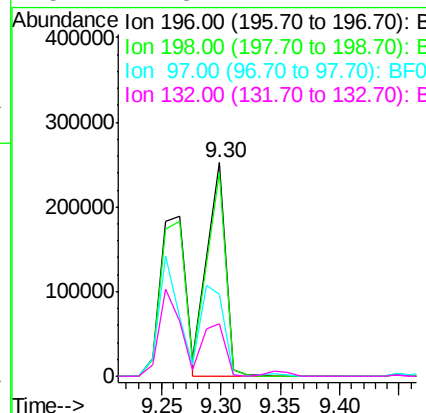
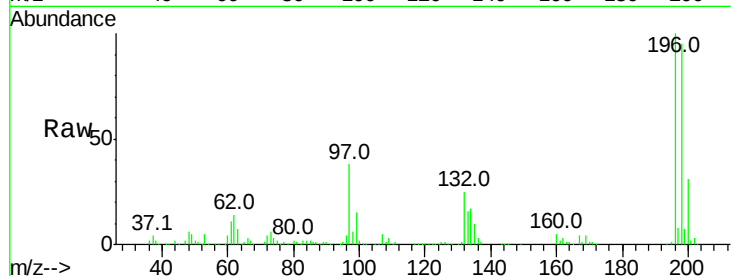
#43
 2,4,5-Trichlorophenol
 Concen: 41.89 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	277987		
198	95.4	79.4	119.2	
97	38.4	51.5	77.3	#
132	24.8	27.4	41.2	#

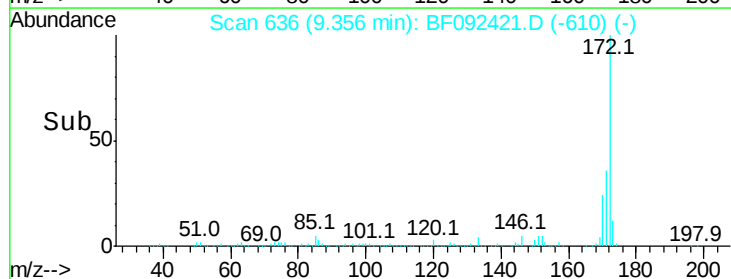
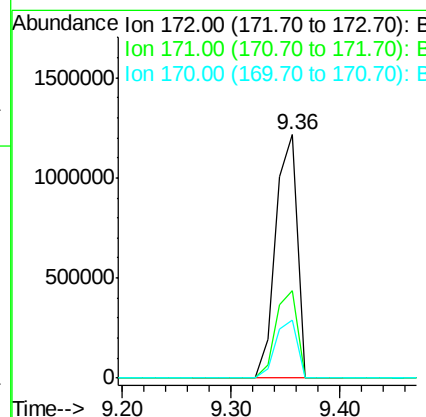
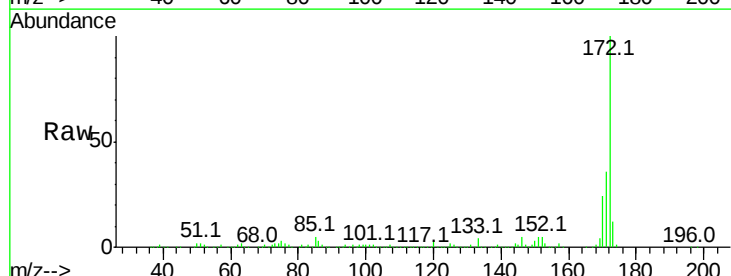
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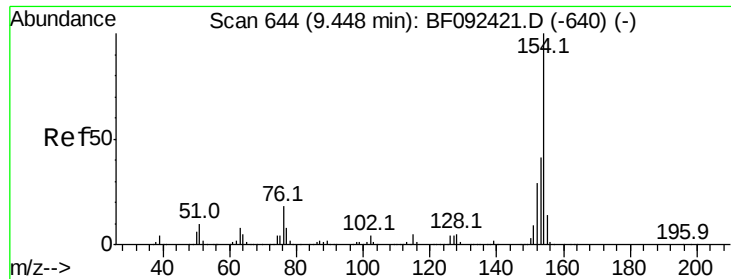
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.56 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1664437		
171	35.9	29.4	44.0	
170	24.0	20.2	30.4	





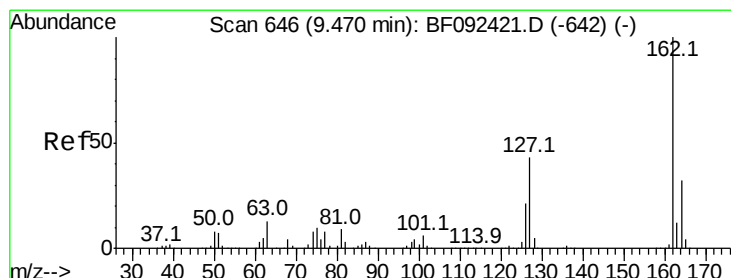
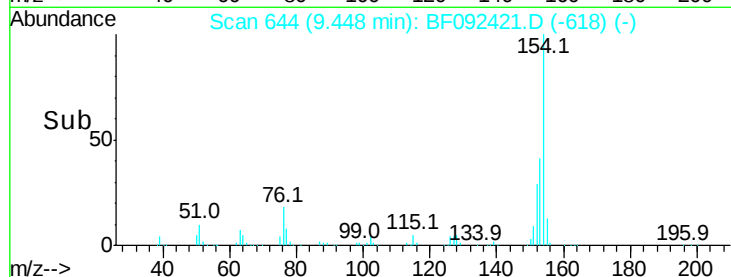
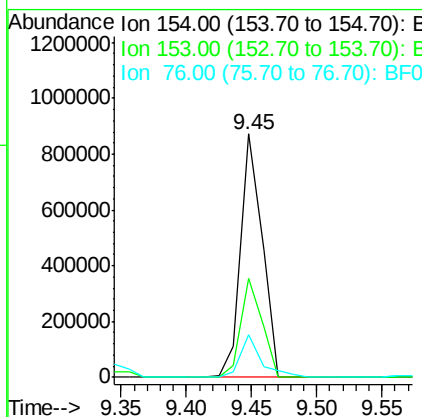
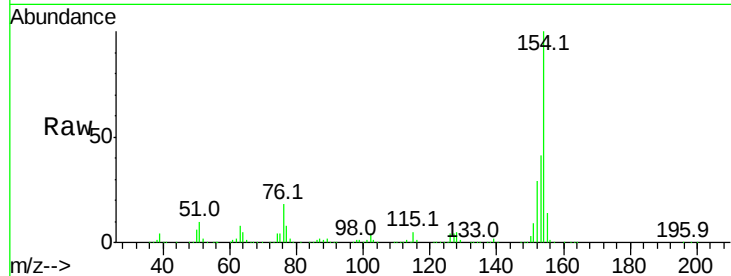
#45
 1,1'-Biphenyl
 Concen: 39.61 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	20.9	60.9	
76	17.6	0.0	30.5	

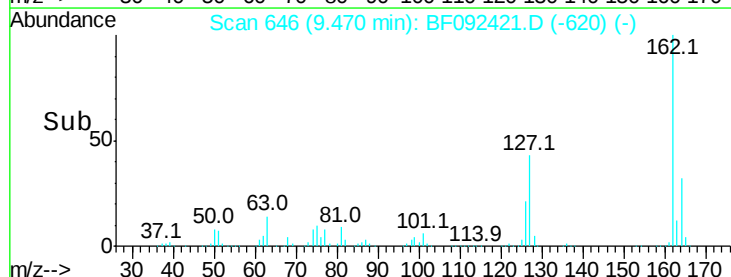
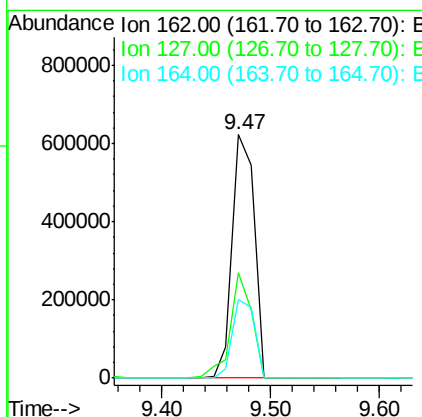
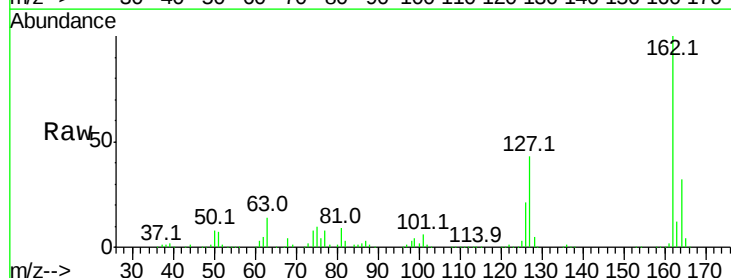
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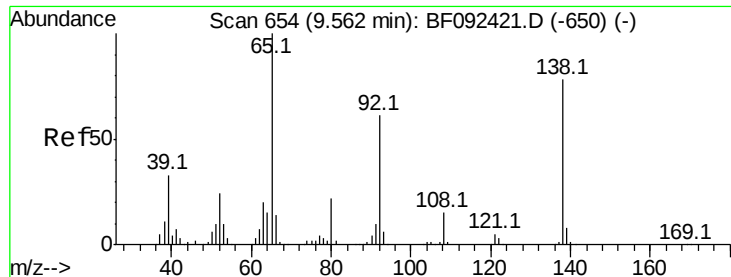
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#46
 2-Chloronaphthalene
 Concen: 43.49 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.1	30.7	46.1	
164	32.4	27.6	41.4	





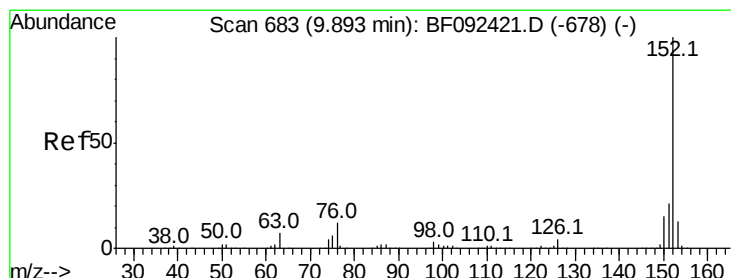
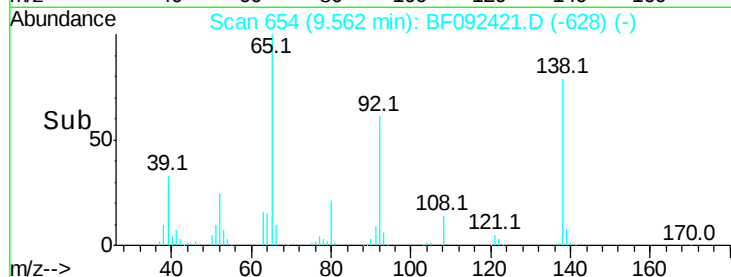
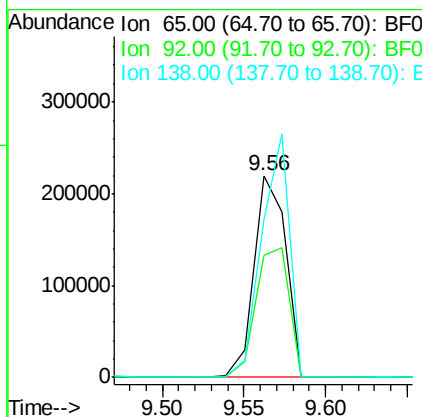
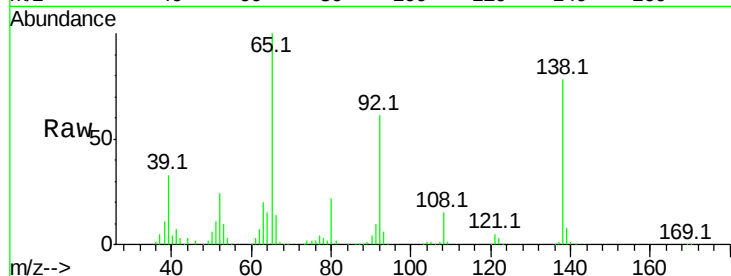
#47
2-Nitroaniline
Concen: 41.98 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.6	53.9	80.9
138	78.4	76.8	115.2

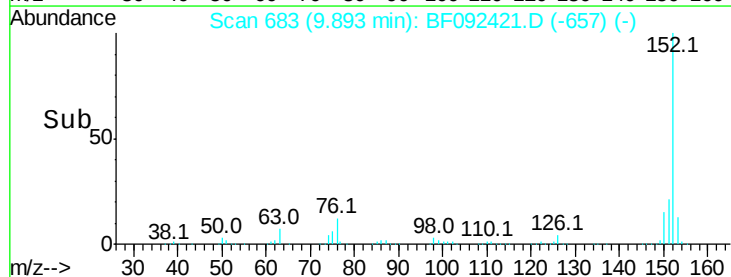
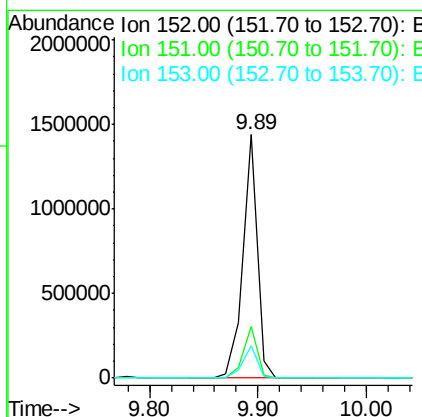
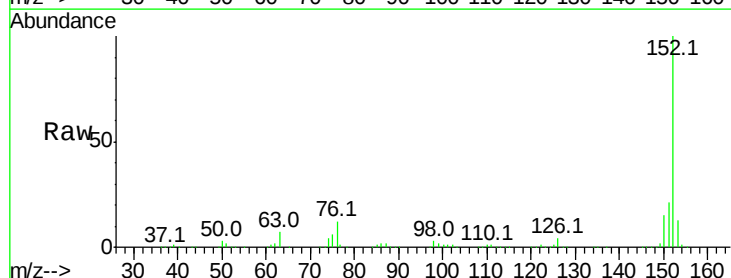
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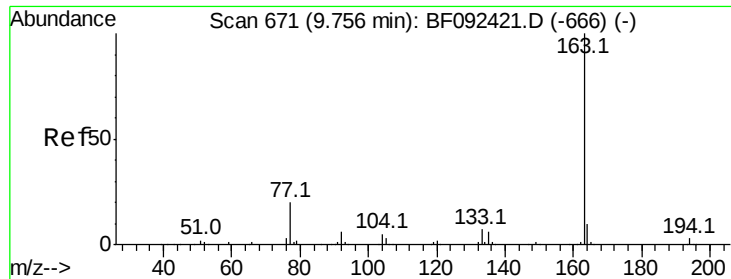
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#48
Acenaphthylene
Concen: 42.71 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	13.3	11.4	17.2





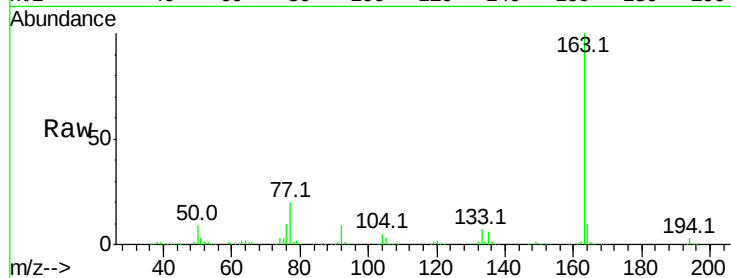
#49
Dimethylphthalate
Concen: 42.03 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

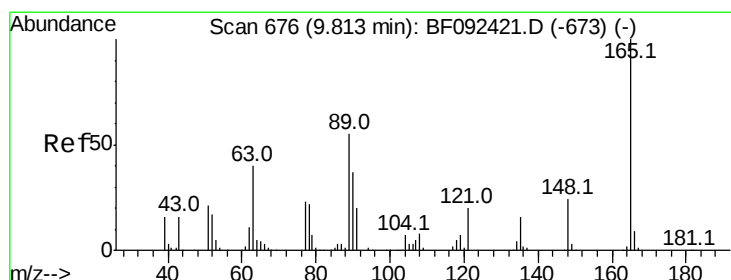
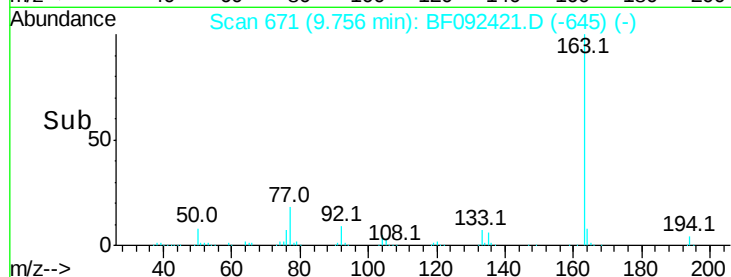
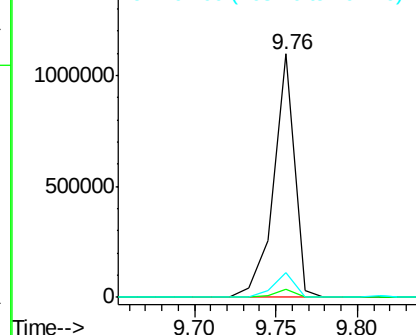
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.0	4.4	
164	10.1	8.0	12.0	

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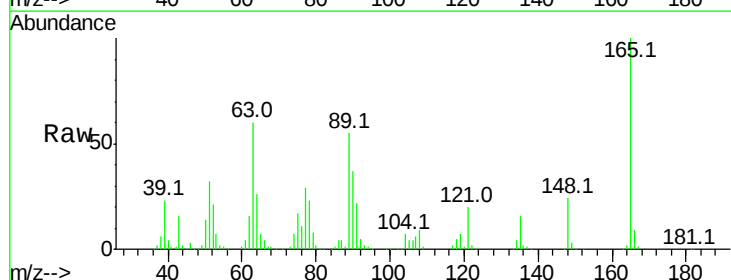


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

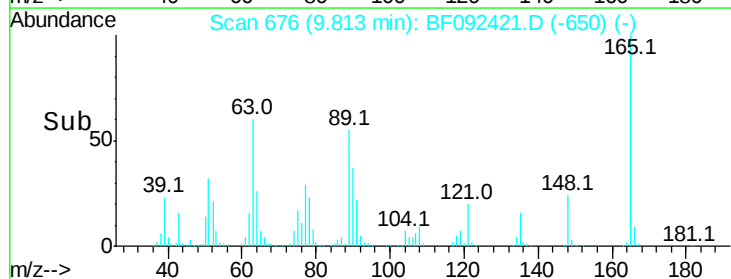
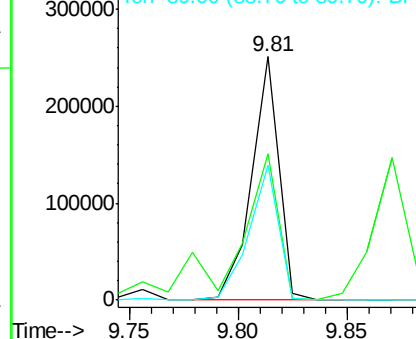


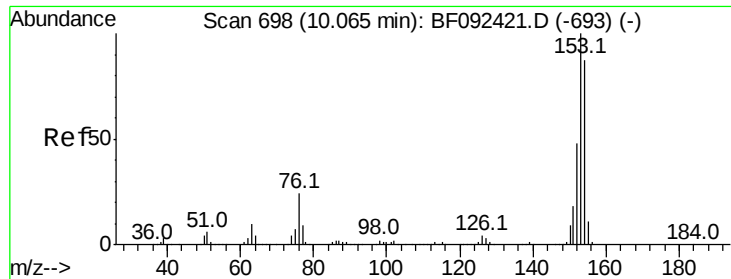
#50
2,6-Dinitrotoluene
Concen: 42.70 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.2	36.2	54.4#	
89	55.2	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: 36.10 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 744768

Ion Ratio Lower Upper

154 100

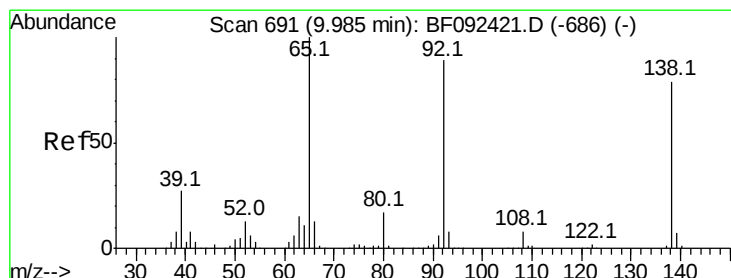
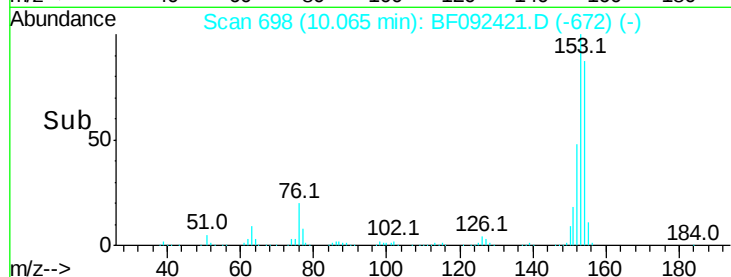
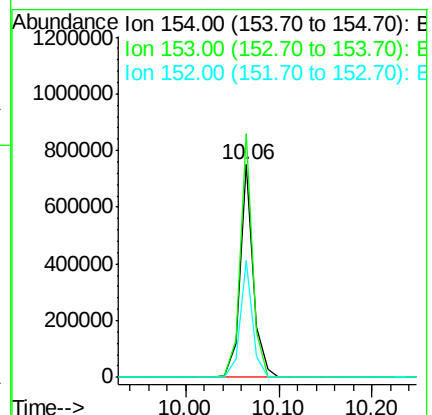
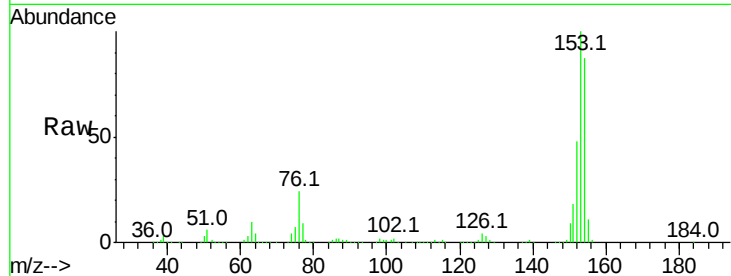
153 114.7 88.6 133.0

152 55.0 41.6 62.4

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#52

3-Nitroaniline

Concen: 45.60 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

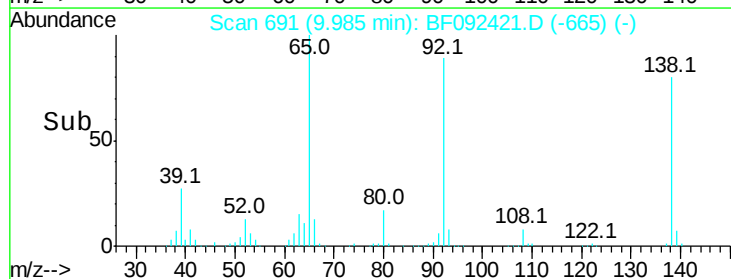
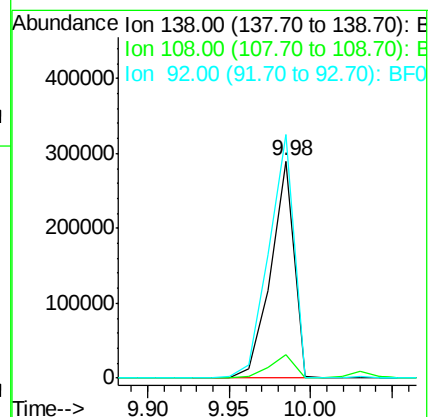
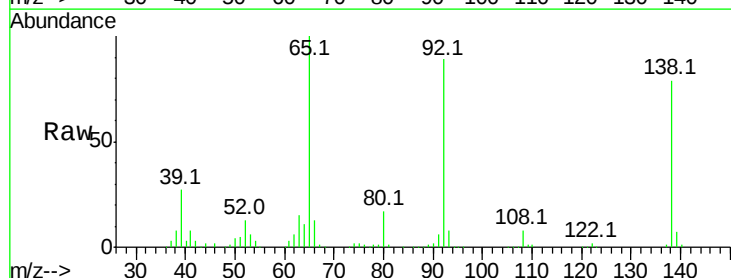
Tgt Ion:138 Resp: 288250

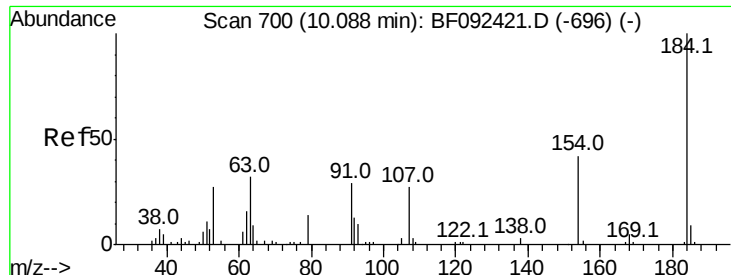
Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

92 112.2 97.8 146.8





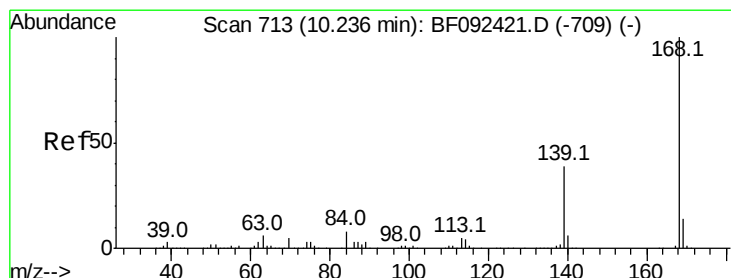
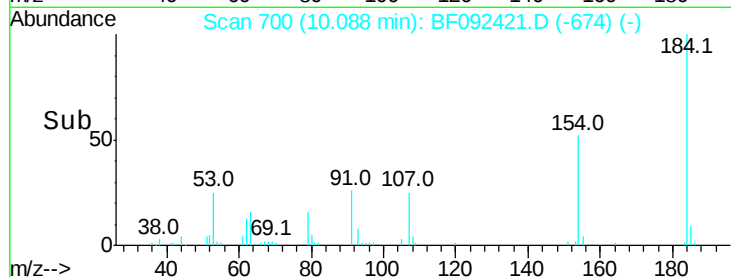
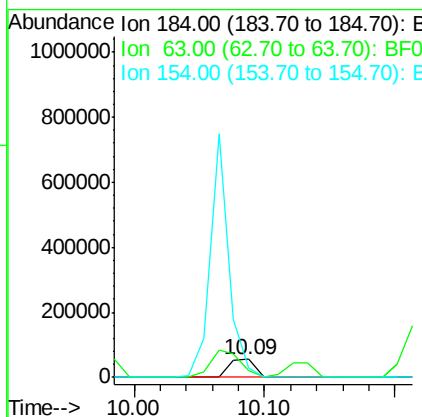
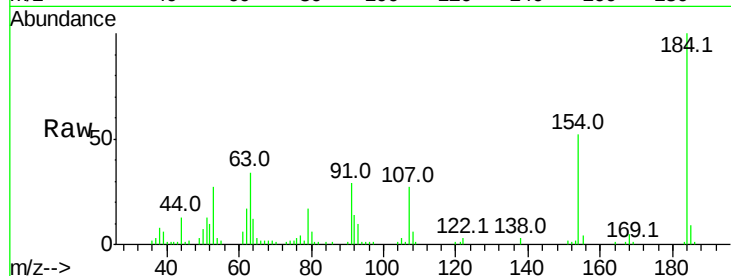
#53
 2,4-Dinitrophenol
 Concen: 27.28 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	34.2	28.4	42.6
154	52.3	44.3	66.5

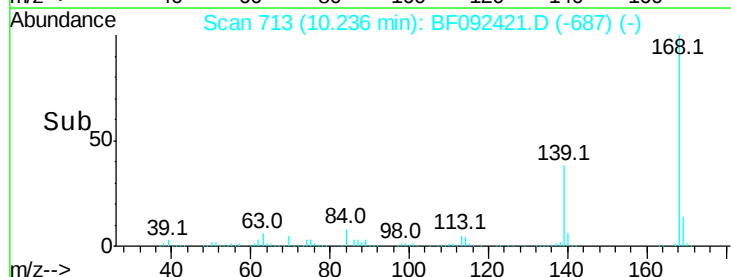
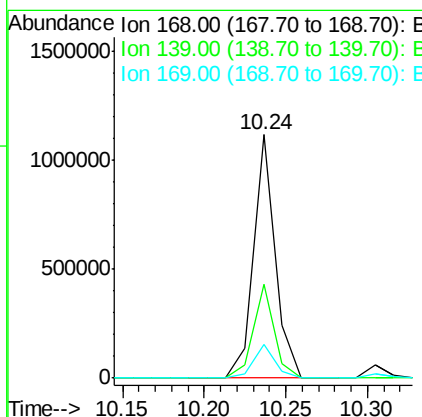
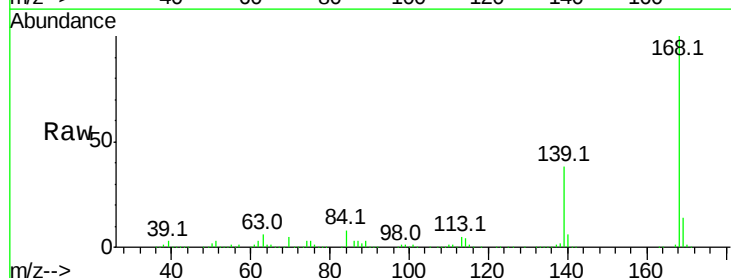
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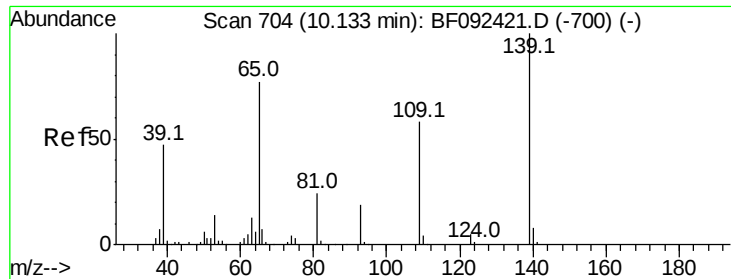
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#54
 Dibenzofuran
 Concen: 36.96 ng
 RT: 10.24 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.6	49.0
169	13.7	11.3	16.9





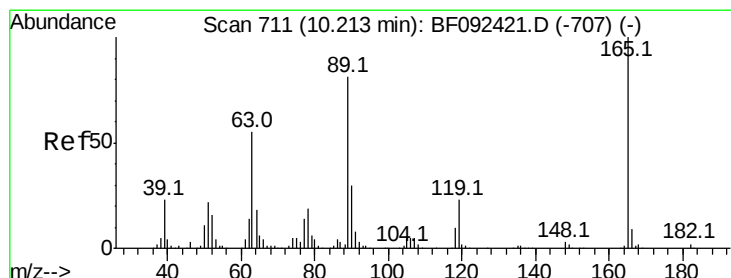
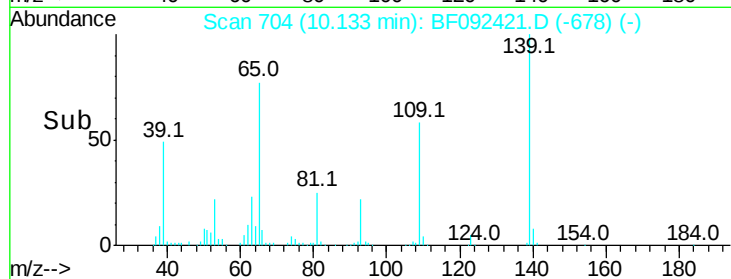
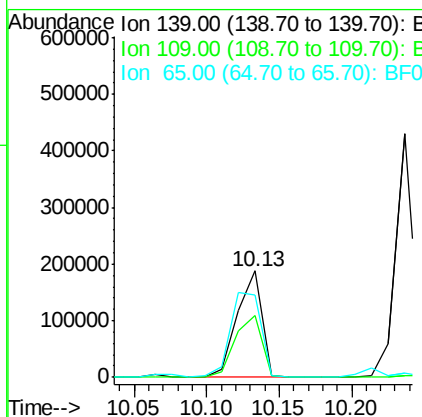
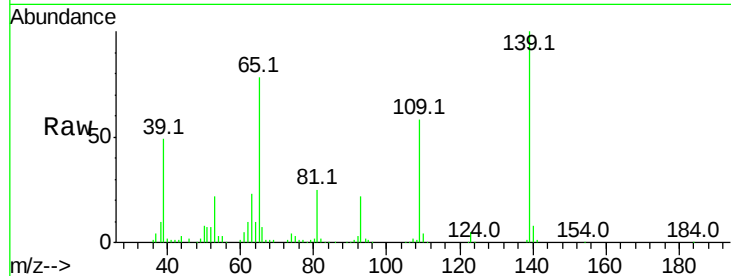
#55
4-Nitrophenol
Concen: 51.84 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.8	52.2	92.2
65	77.7	85.8	125.8

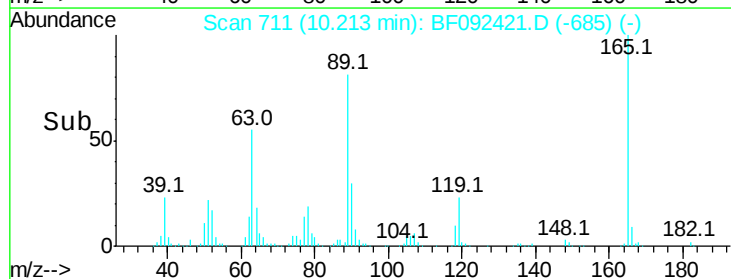
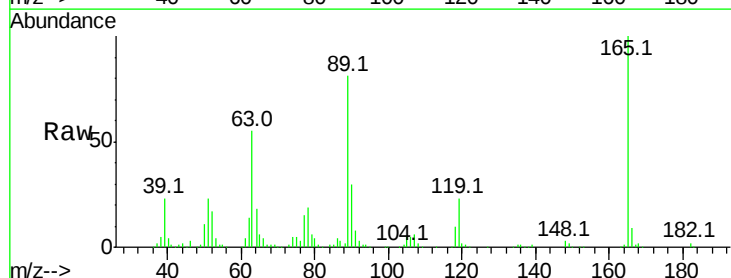
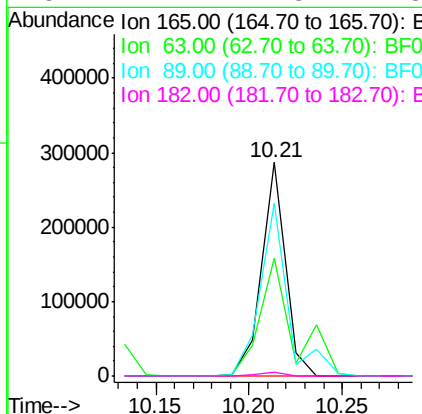
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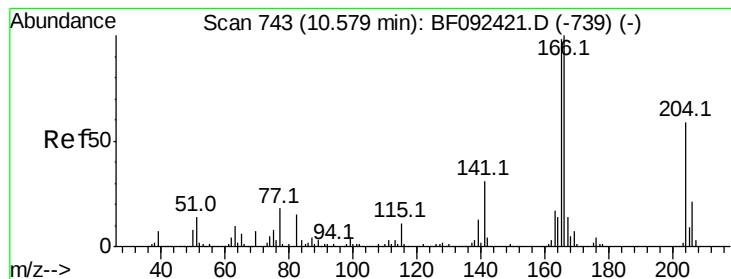
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#56
2,4-Dinitrotoluene
Concen: 39.26 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.9	40.2	60.4
89	80.8	62.5	93.7
182	2.1	1.8	2.8





#57

Fluorene

Concen: 37.12 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 752448

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

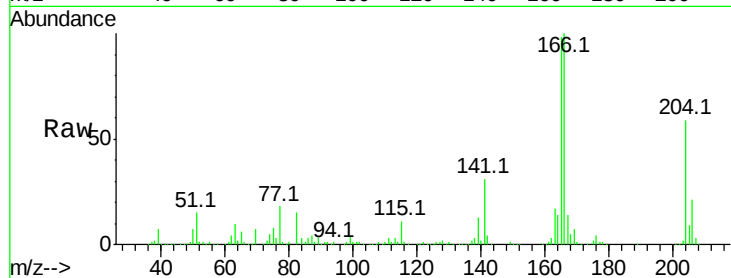
167 14.2 10.8 16.2

Manual Integrations

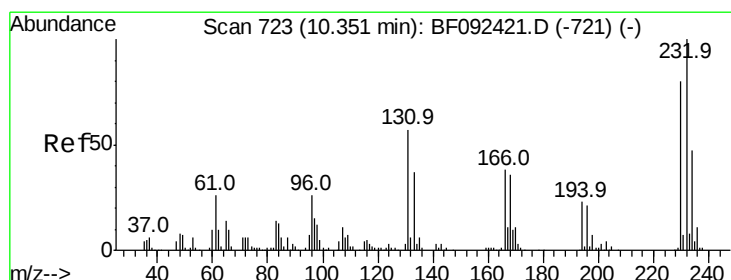
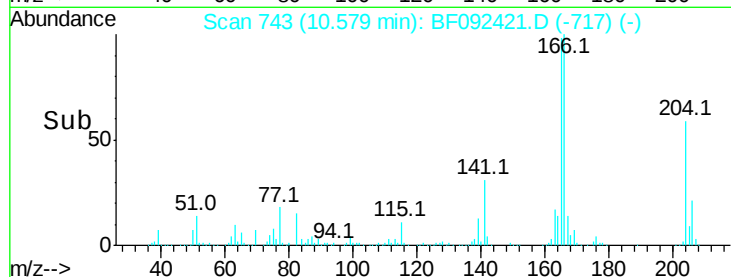
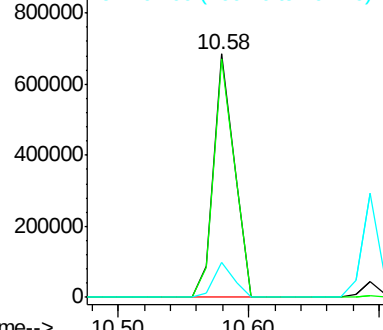
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.45 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion:232 Resp: 196523

Ion Ratio Lower Upper

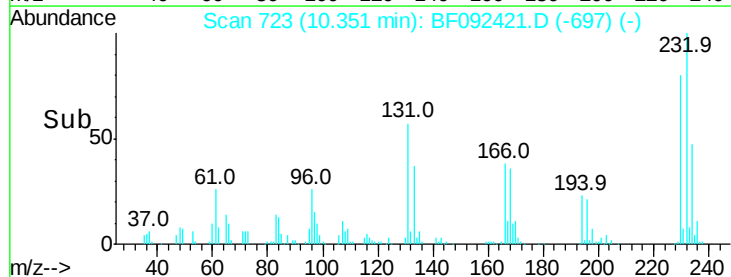
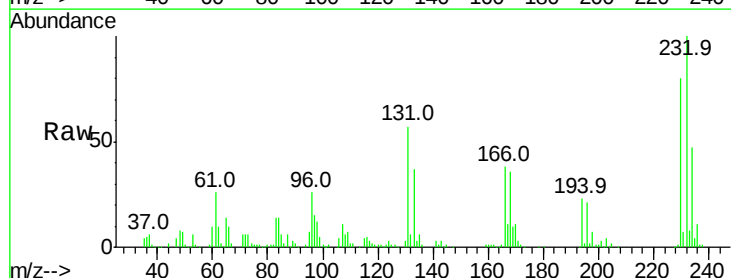
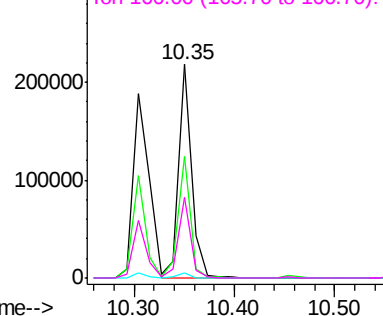
232 100

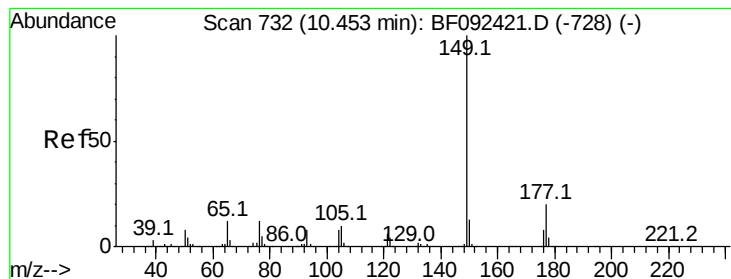
131 53.6 40.1 60.1

130 2.5 1.8 2.8

166 35.1 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: 38.83 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

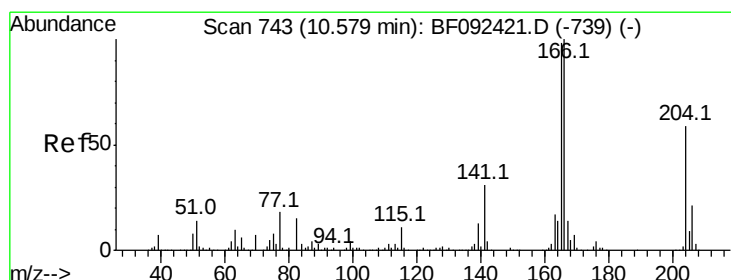
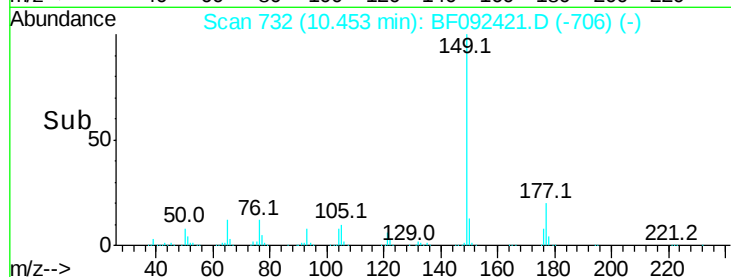
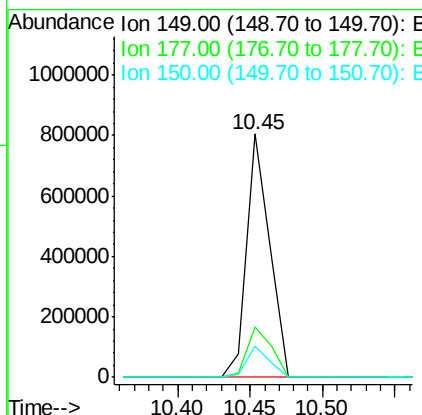
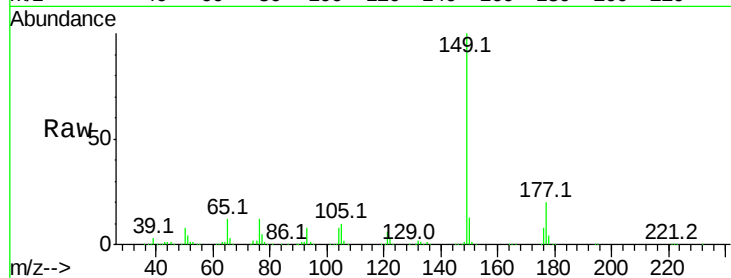
ClientSampled :

SSTDICCC040

Tot Ion:	149	Resp:	880046
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.6	25.0
150	12.9	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 44.57 ng

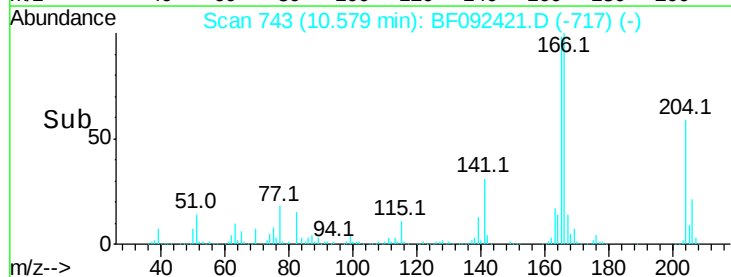
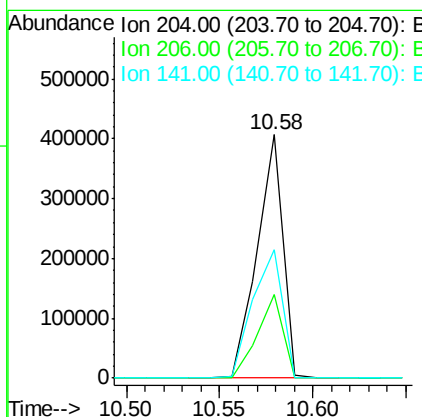
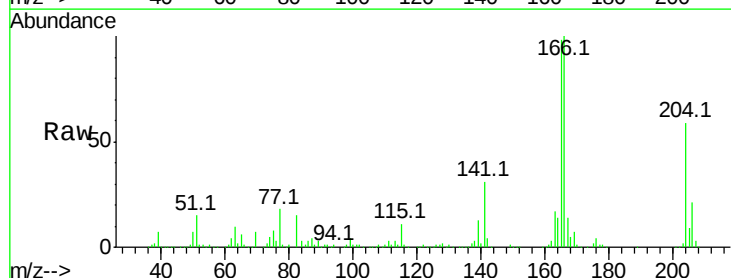
RT: 10.58 min Scan# 743

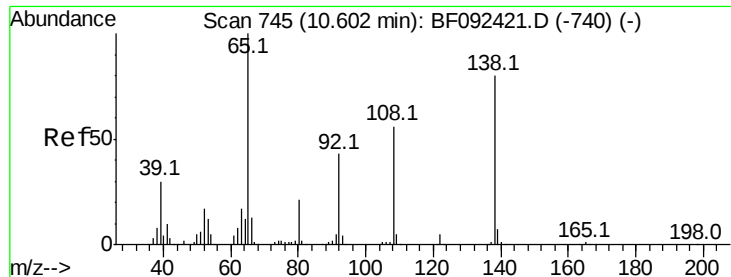
Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion:	204	Resp:	395585
Ion Ratio	Lower	Upper	
204	100		
206	34.5	25.8	38.6
141	52.7	59.4	89.0#





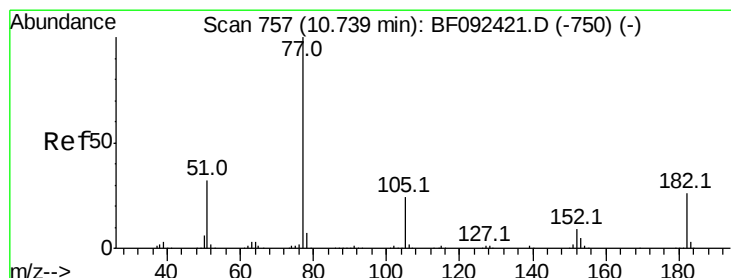
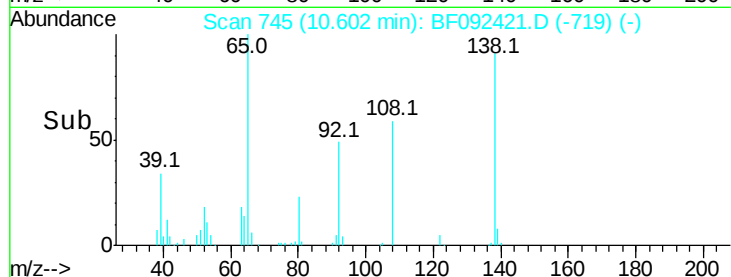
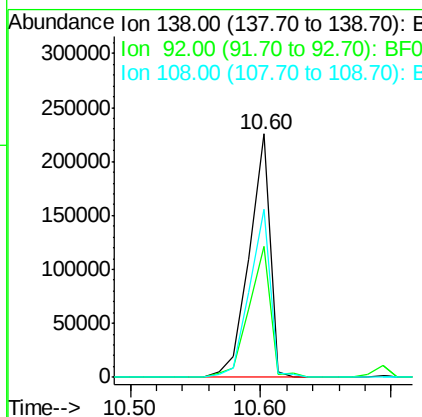
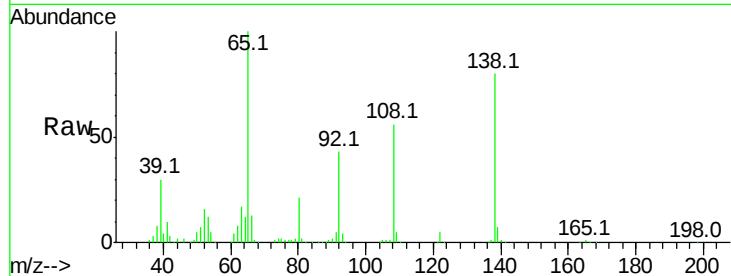
#61
4-Nitroaniline
Concen: 38.42 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.0	31.7	71.7
108	69.2	52.6	92.6

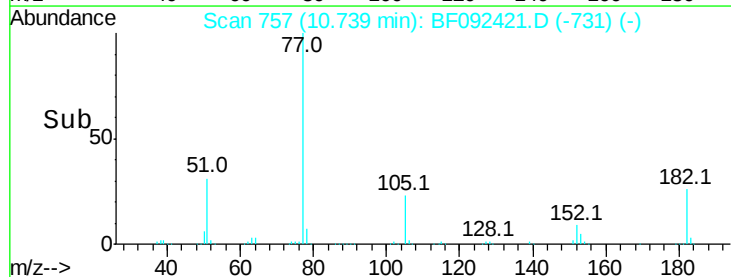
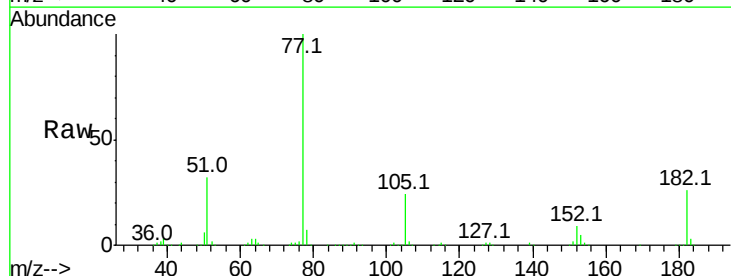
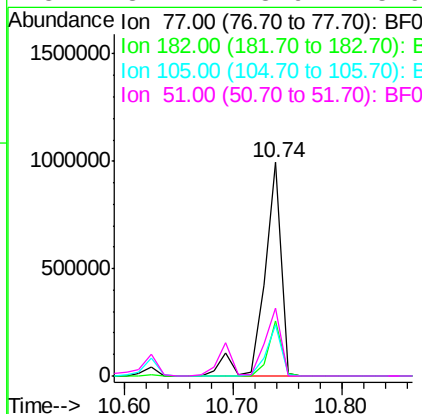
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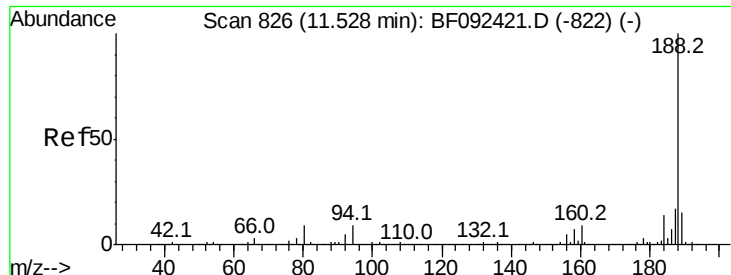
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#62
Azobenzene
Concen: 43.68 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.0	39.3
105	24.2	2.3	42.3
51	31.7	8.9	48.9





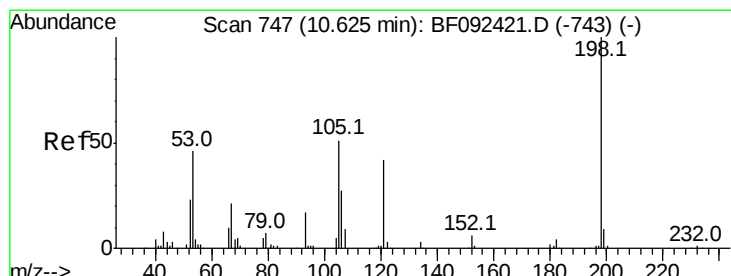
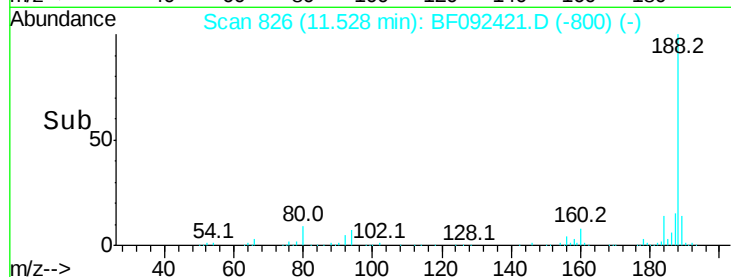
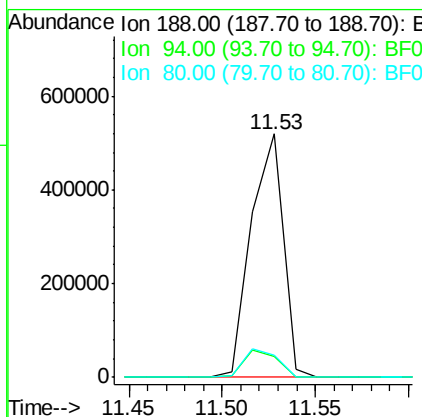
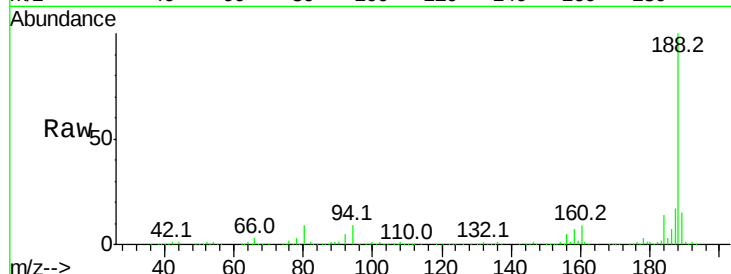
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	619540		
94	8.8	10.0	15.0#	
80	9.0	11.2	16.8#	

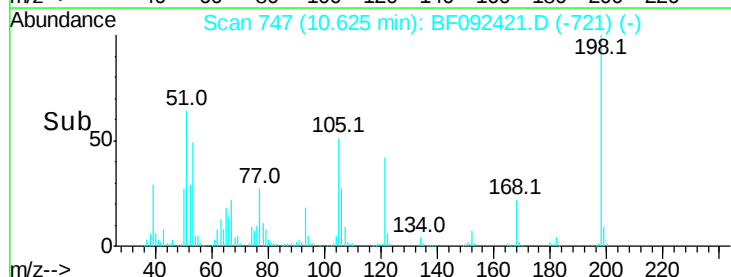
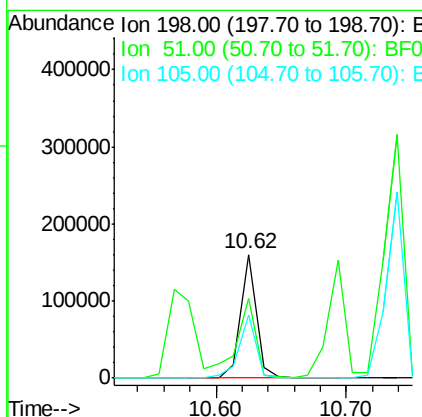
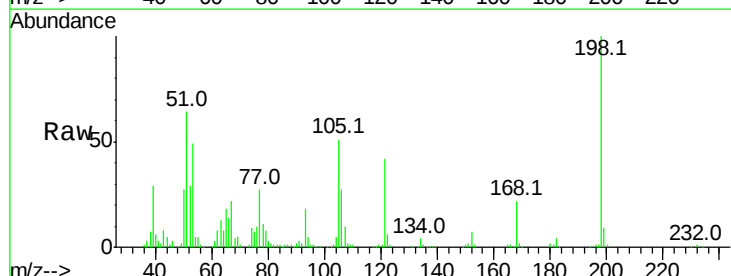
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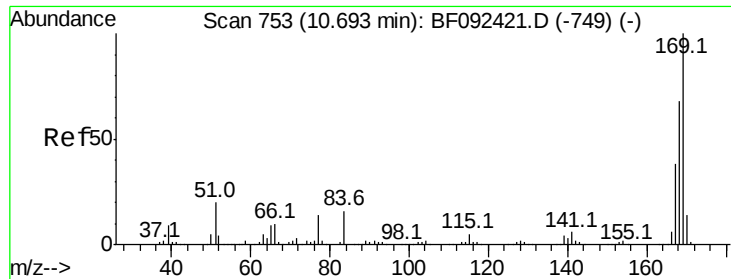
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.74 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	133889		
51	64.1	6.7	46.7#	
105	51.5	16.6	56.6	





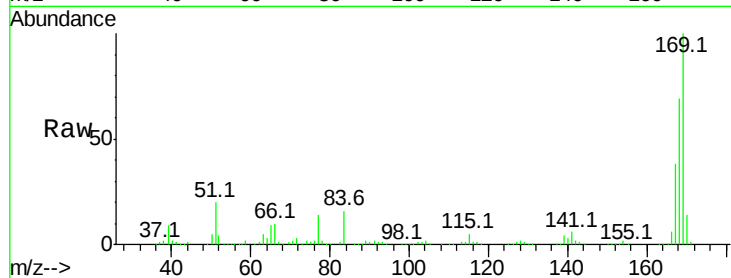
#65
n-Nitrosodiphenylamine
Concen: 38.75 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

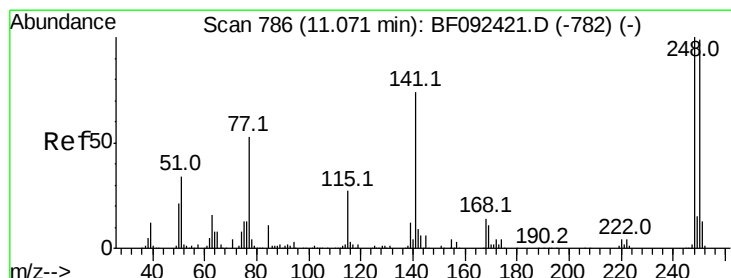
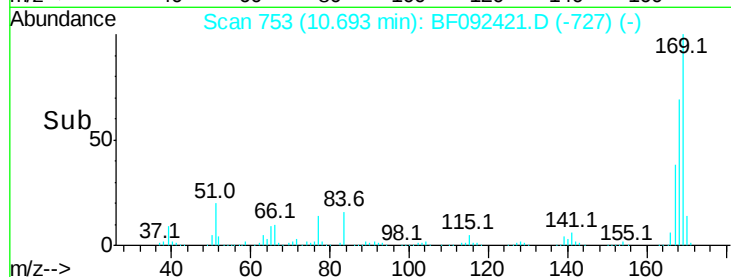
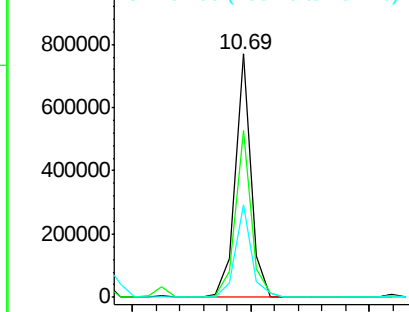
Tot Ion	Ratio	Resp	Lower	Upper
169	100	712374		
168	68.6		54.2	81.2
167	38.2		30.2	45.4

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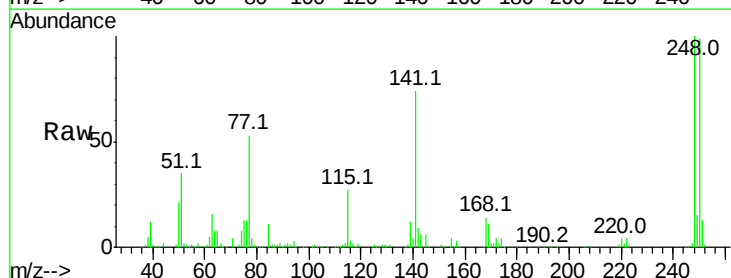


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

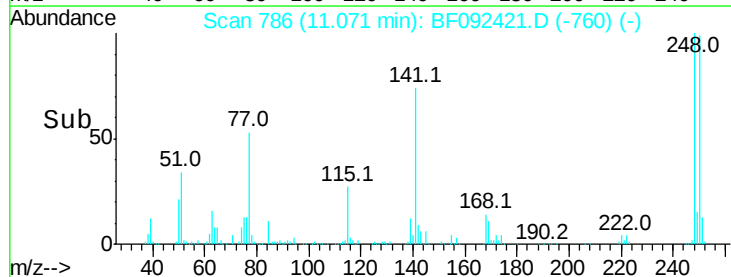
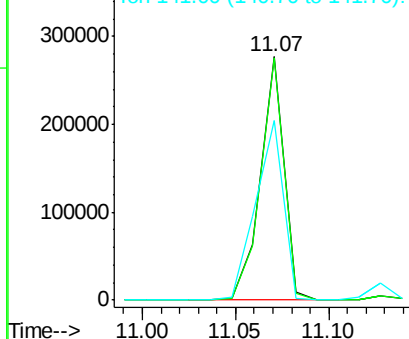


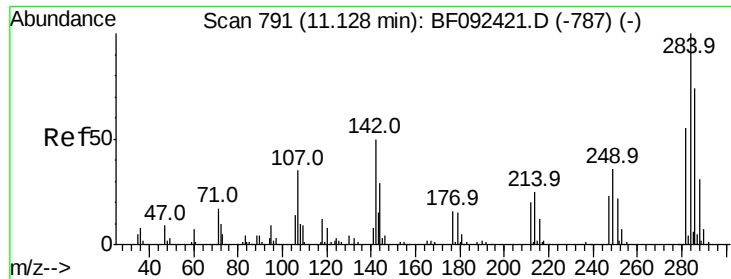
#66
4-Bromophenyl-phenylether
Concen: 37.39 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	240973		
250	99.3		76.9	115.3
141	73.9		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





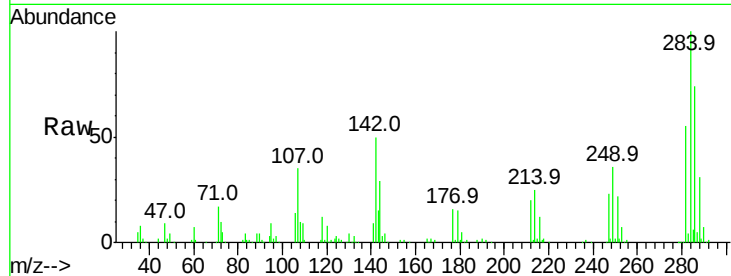
#67
Hexachlorobenzene
Concen: 33.96 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

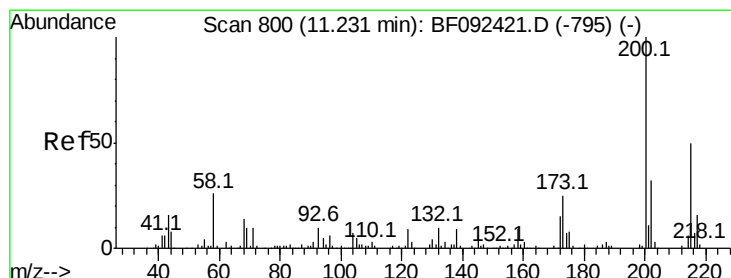
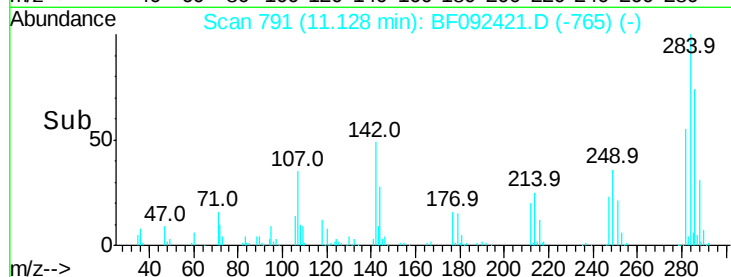
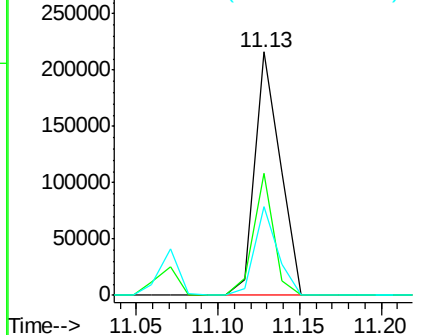
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	50.3	22.6	33.8#	
249	36.4	25.4	38.0	

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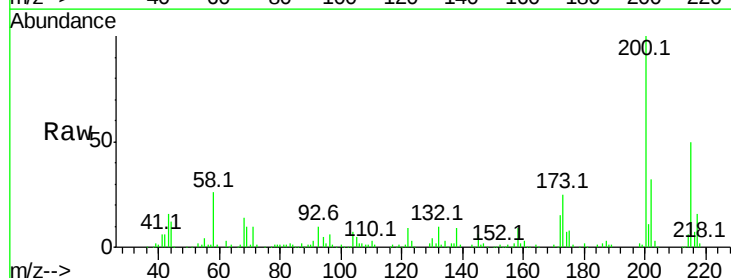


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

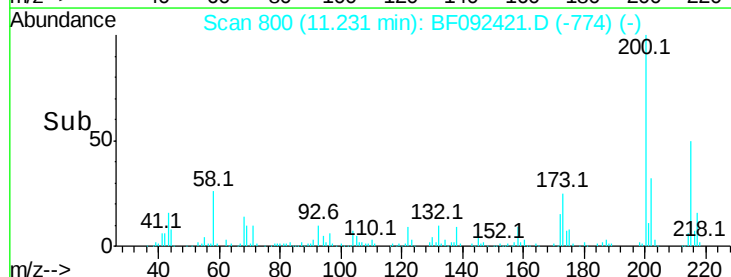
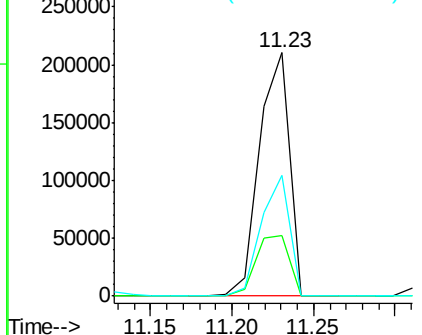


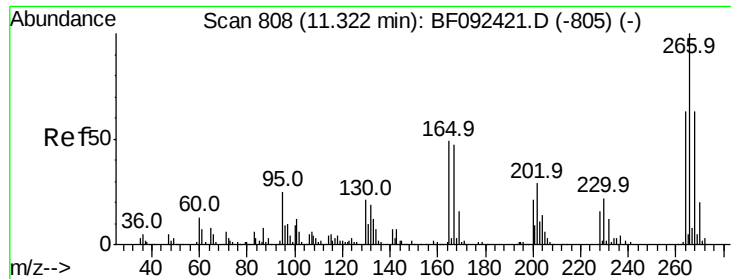
#68
Atrazine
Concen: 45.37 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.0	9.6	49.6	
215	49.7	25.7	65.7	



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





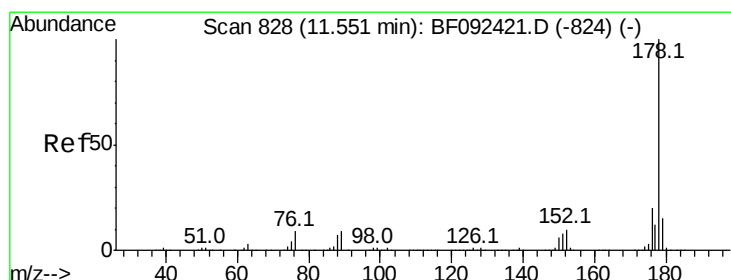
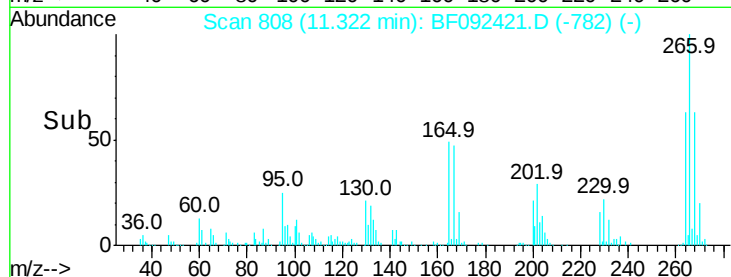
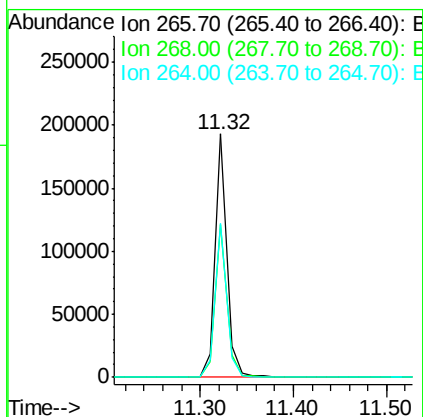
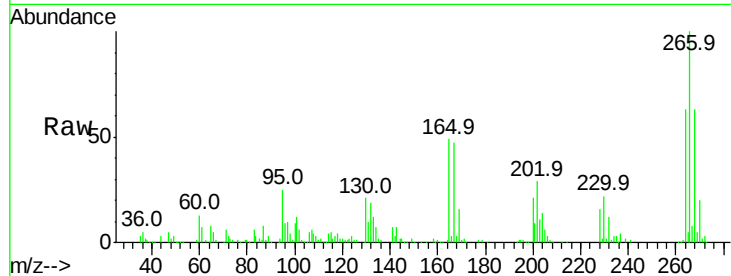
#69
 Pentachlorophenol
 Concen: 49.58 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	53.3	79.9
264	63.3	50.3	75.5

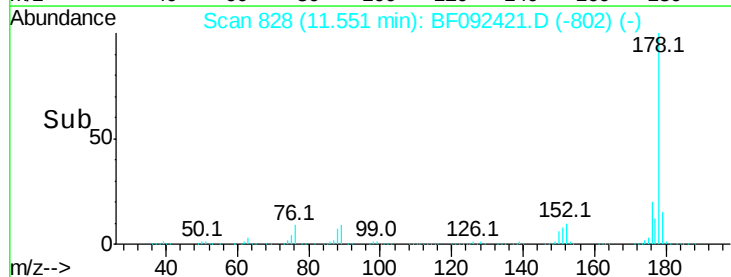
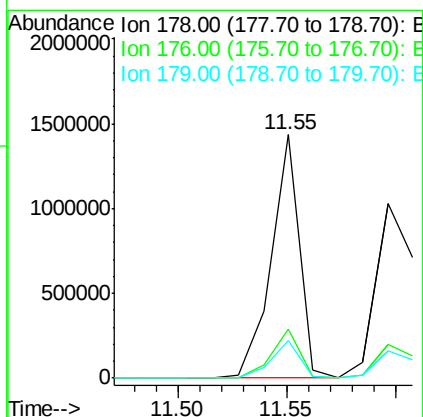
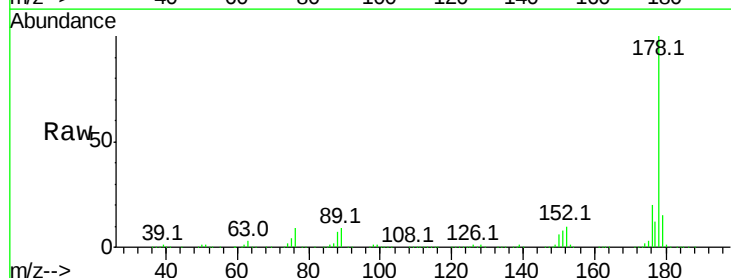
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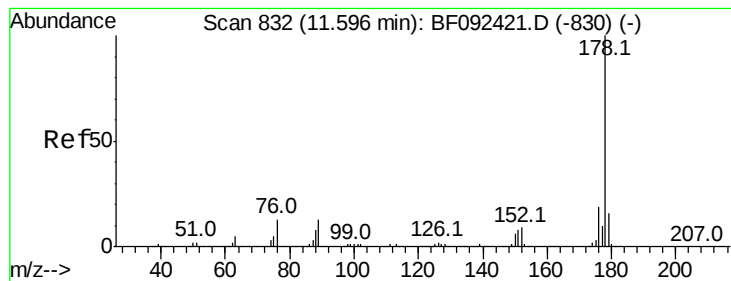
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#70
 Phenanthrene
 Concen: 38.62 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.4	12.8	19.2





#71

Anthracene

Concen: 37.59 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1264677

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

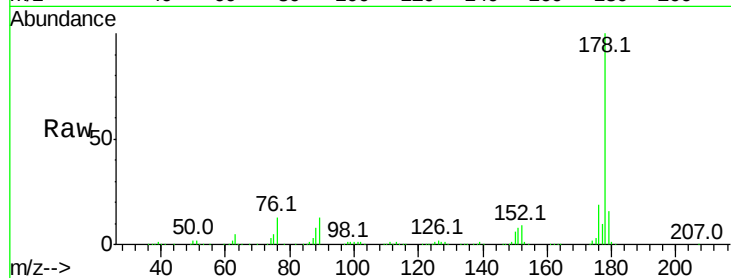
179 15.9 13.2 19.8

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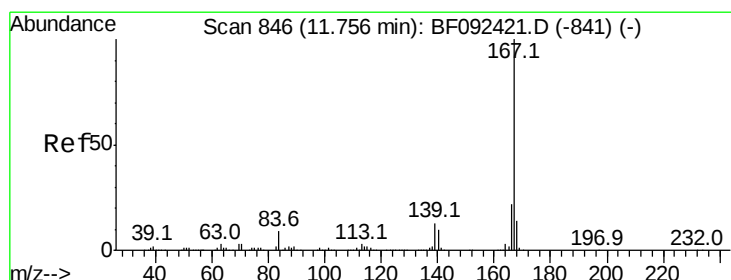
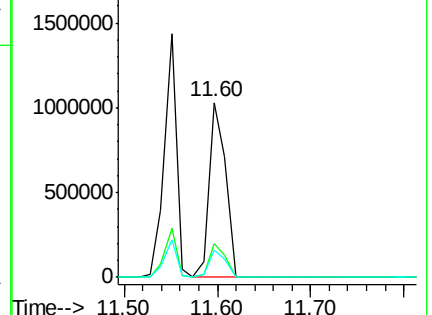
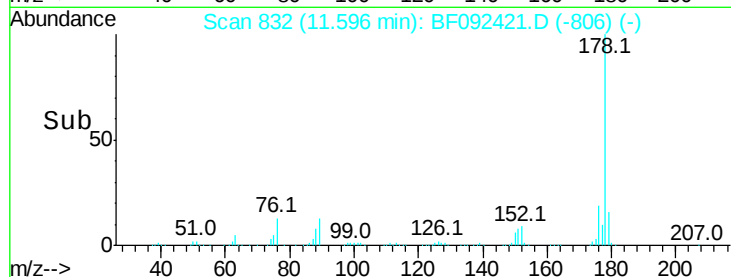
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.66 ng

RT: 11.76 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

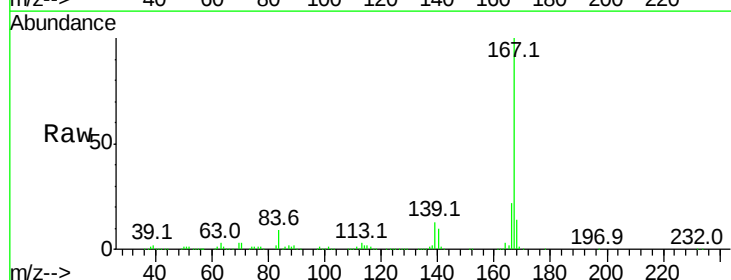
Tgt Ion:167 Resp: 1265552

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

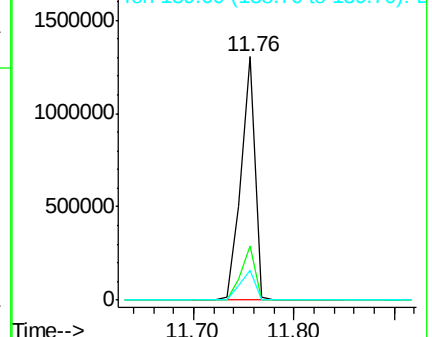
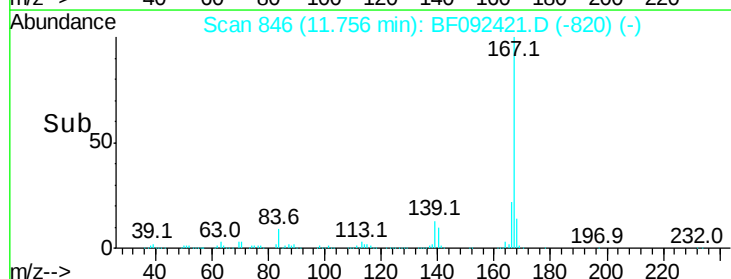
139 12.5 11.4 17.2

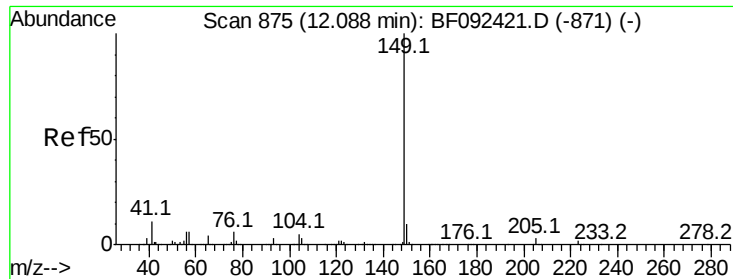


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.91 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1378122

Ion Ratio Lower Upper

149 100

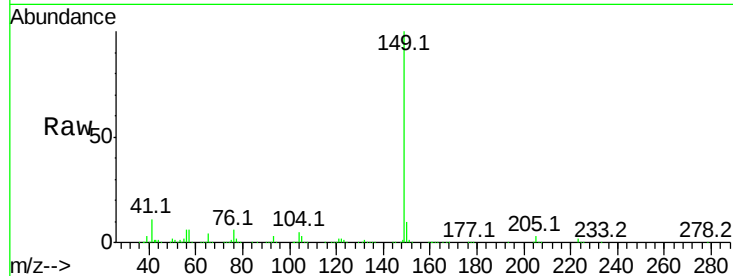
150 9.5 8.1 12.1

104 5.1 4.6 7.0

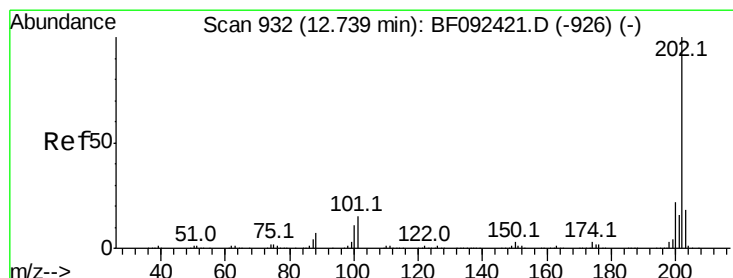
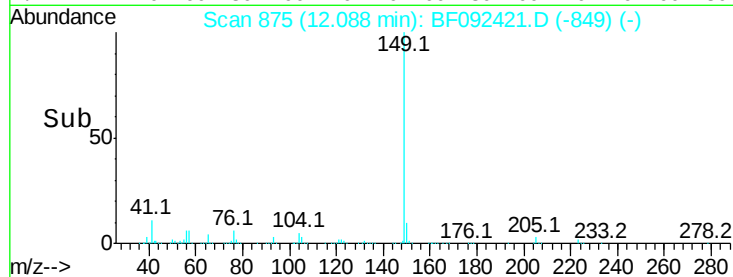
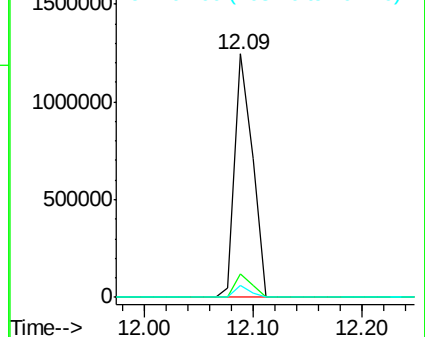
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.87 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

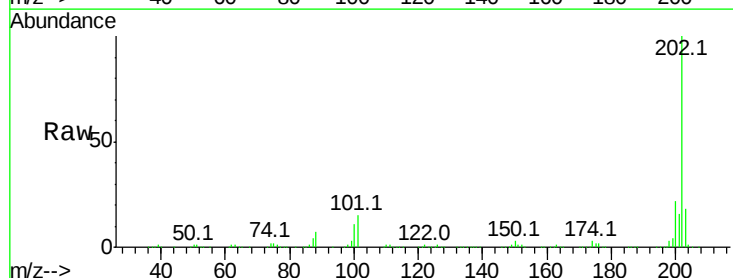
Tgt Ion:202 Resp: 1235710

Ion Ratio Lower Upper

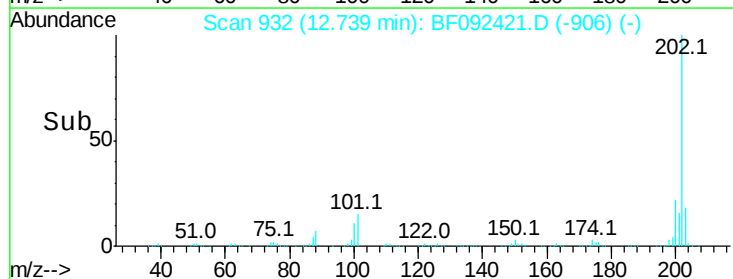
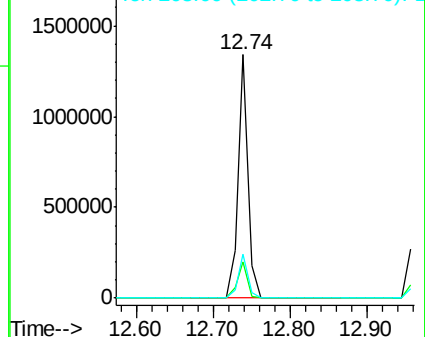
202 100

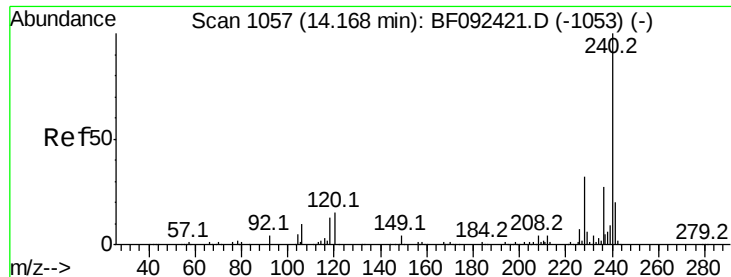
101 14.8 0.0 34.6

203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

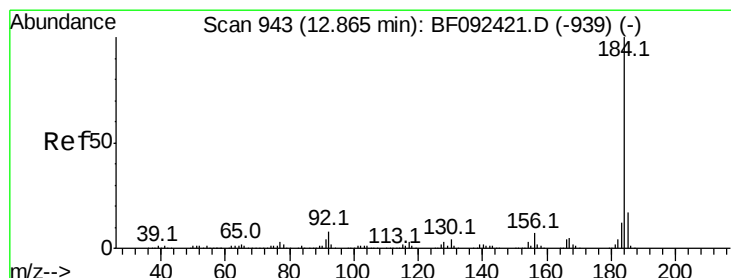
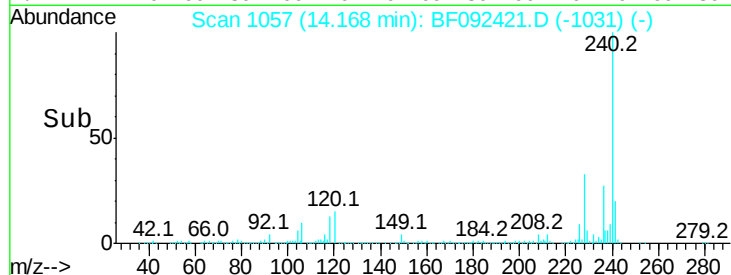
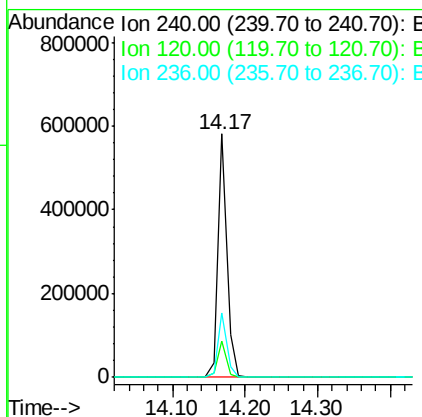
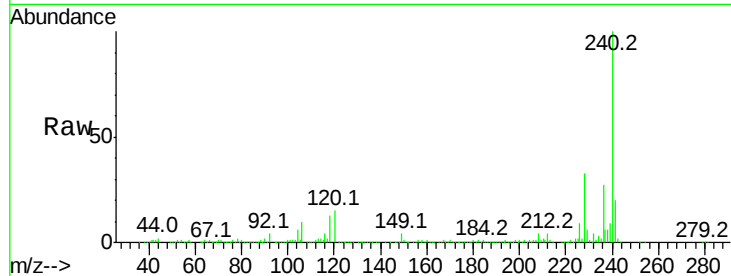
ClientSampleId :

SSTDICCC040

Tot Ion:	240	Resp:	500900
Ion Ratio		Lower	Upper
240	100		
120	14.8	12.9	19.3
236	26.7	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 54.17 ng

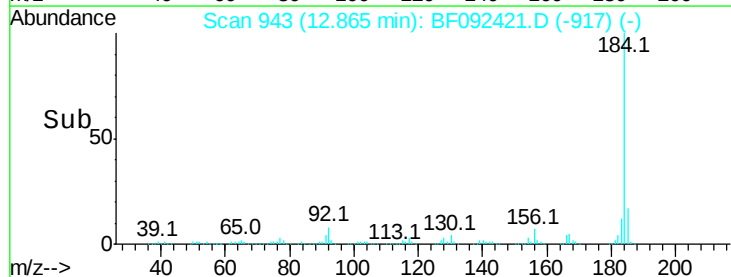
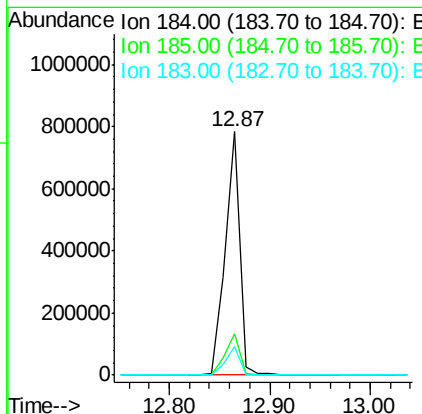
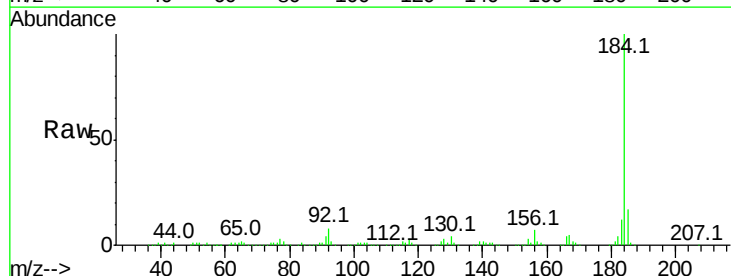
RT: 12.87 min Scan# 943

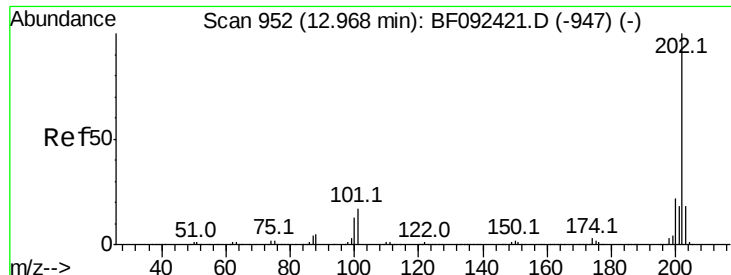
Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Tgt Ion:	184	Resp:	786364
Ion Ratio		Lower	Upper
184	100		
185	16.9	13.4	20.0
183	11.9	9.2	13.8





#77

Pvrene

Concen: 34.95 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 1284506

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

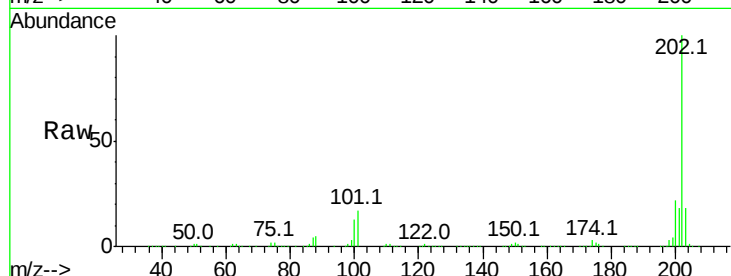
203 17.6 14.7 22.1

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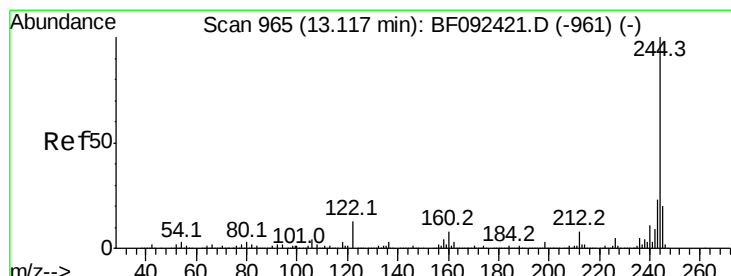
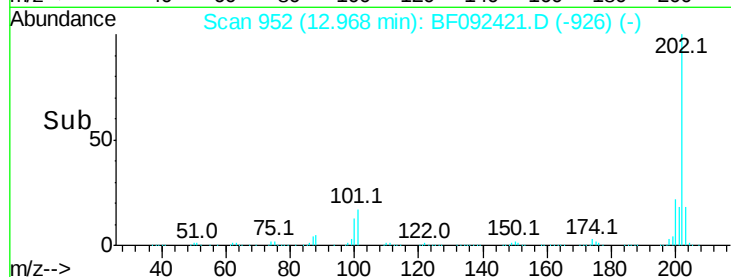
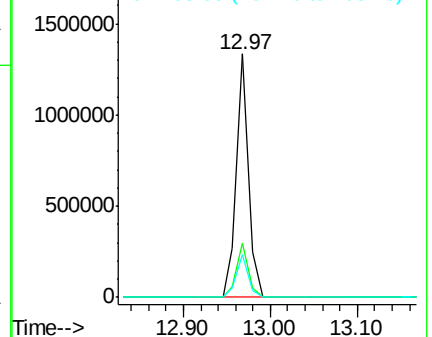
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.19 ng

RT: 13.12 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF092421.D

Acq: 24 Jan 2017 11:37

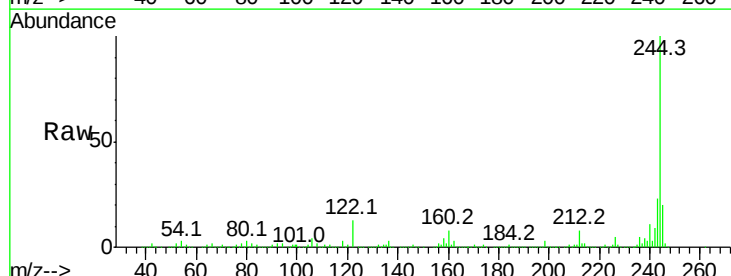
Tgt Ion:244 Resp: 1325828

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

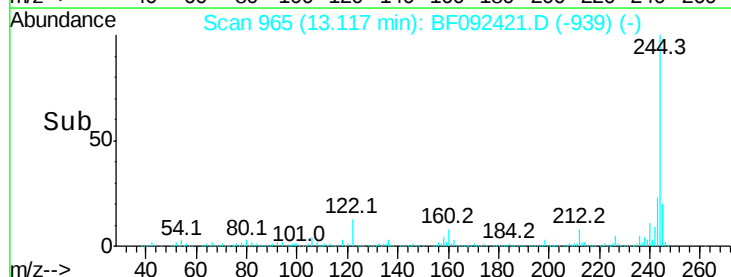
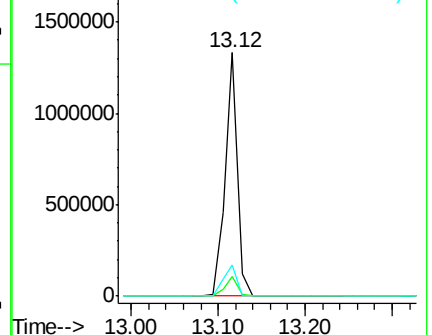
122 13.0 11.4 17.2

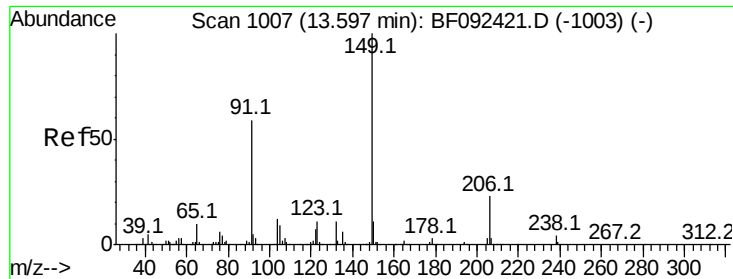


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





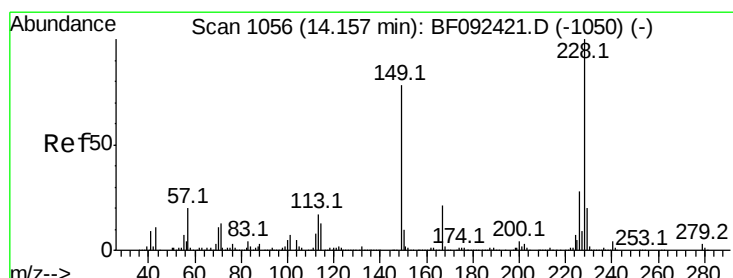
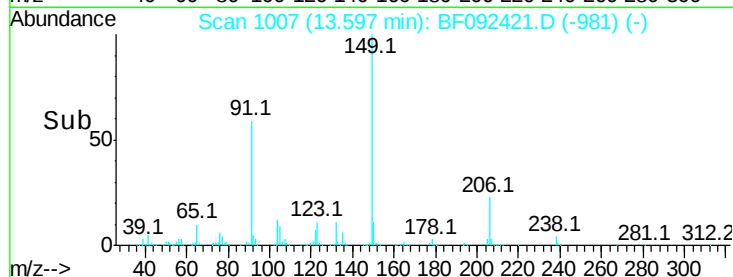
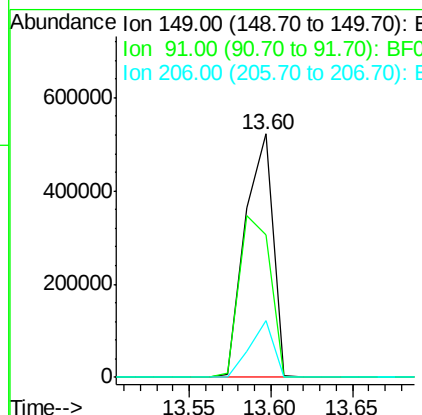
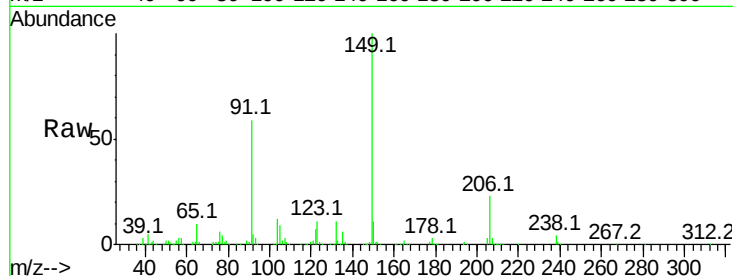
#79
Butylbenzylphthalate
Concen: 36.84 ng
RT: 13.60 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	615834		
91	58.6	63.9	95.9#	
206	23.4	14.6	21.8#	

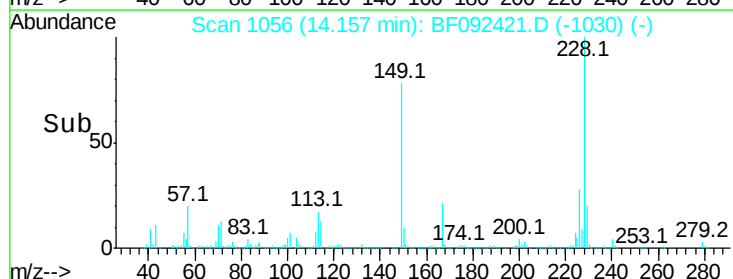
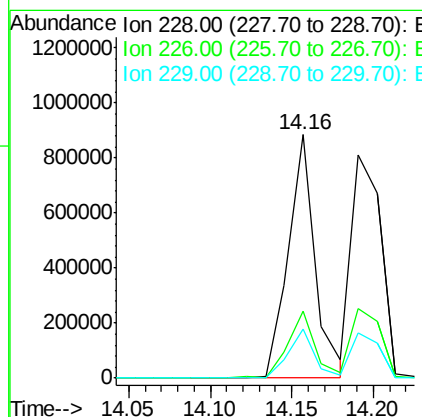
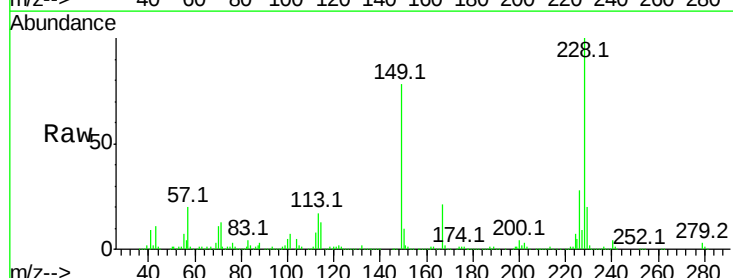
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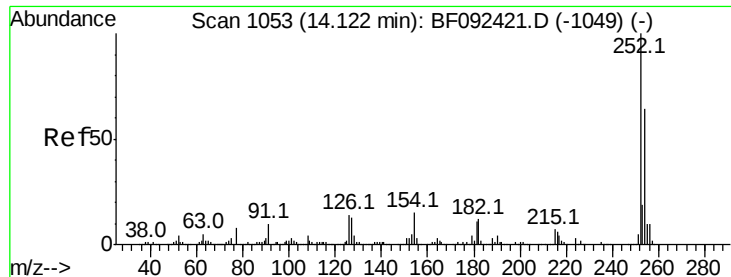
mohammad
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#80
Benzo(a)anthracene
Concen: 36.01 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1018114		
226	27.7	22.4	33.6	
229	20.3	16.2	24.4	





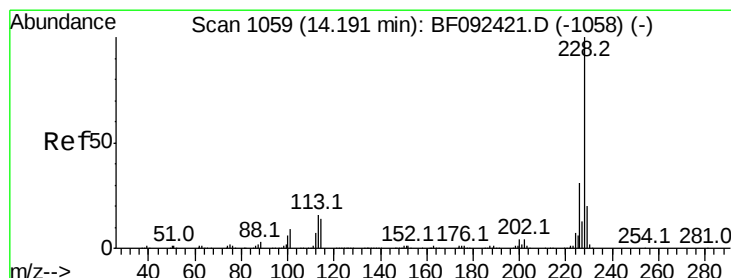
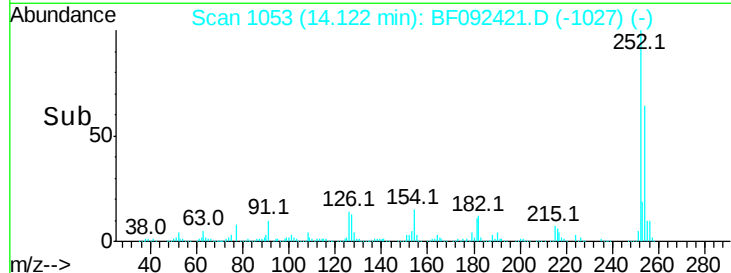
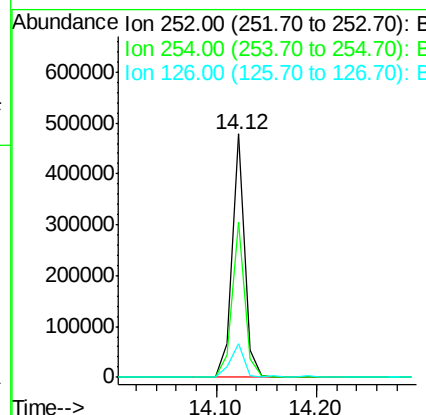
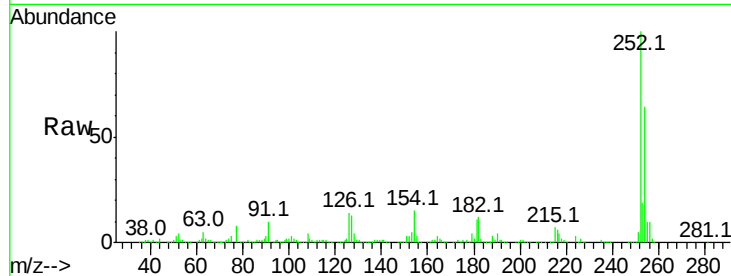
#81
 3,3'-Dichlorobenzidine
 Concen: 38.96 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	13.7	13.6	20.4

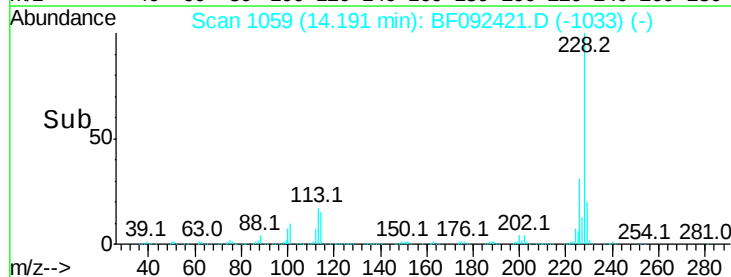
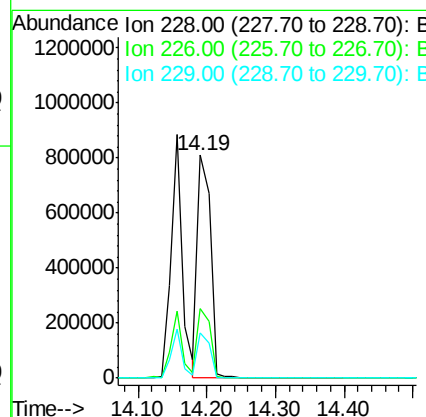
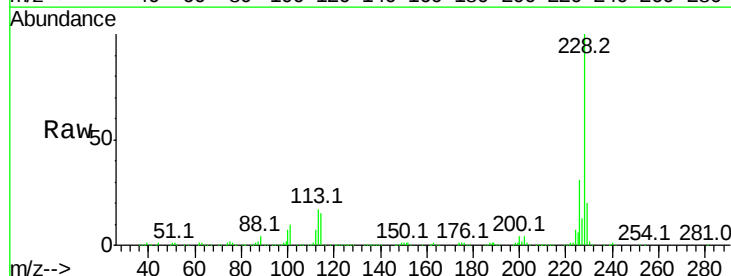
Manual Integrations
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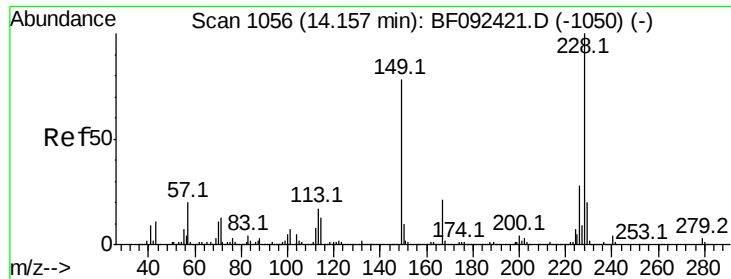
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#82
 Chrysene
 Concen: 36.85 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.3	16.2	24.2





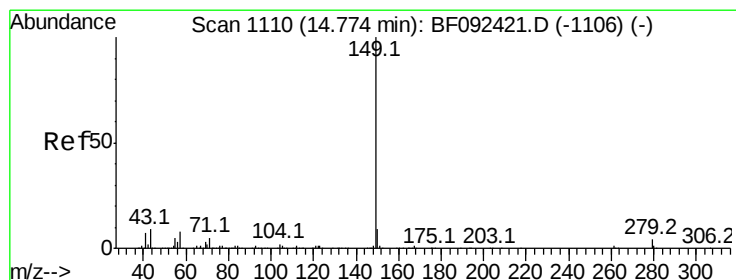
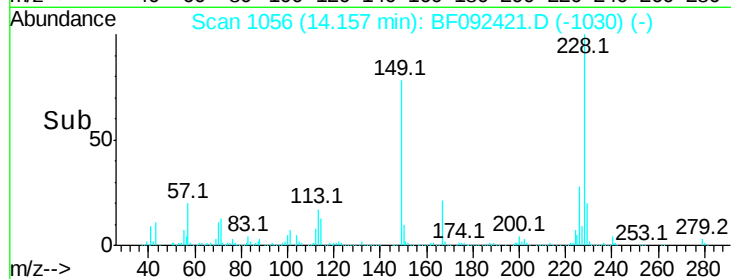
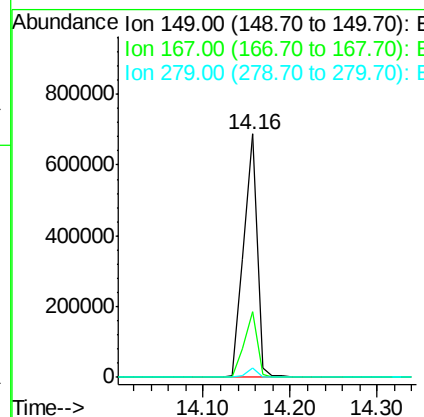
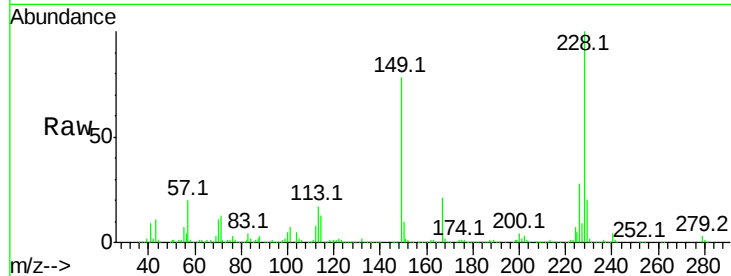
#83
Bis(2-ethylhexyl)phthalate
Concen: 37.11 ng
RT: 14.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	3.7	1.8	2.8#

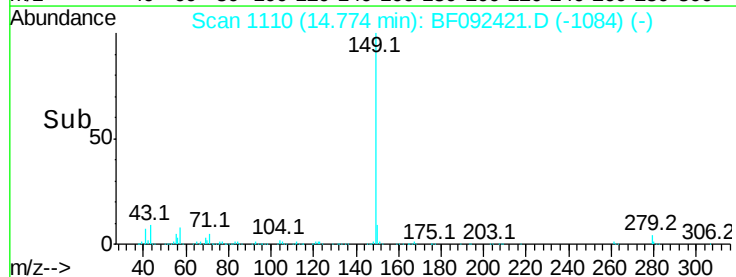
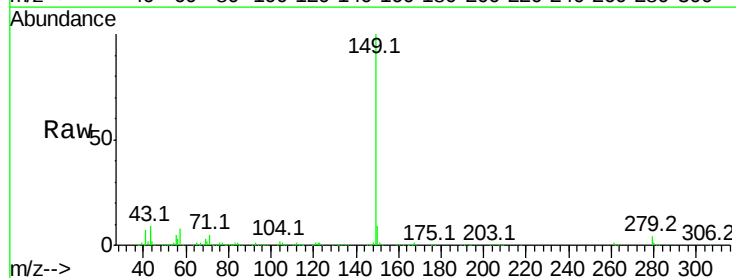
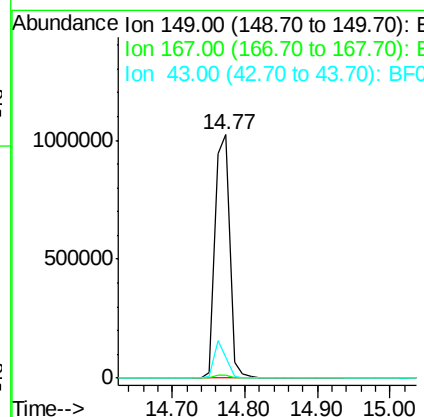
Manual Integrations
APPROVED

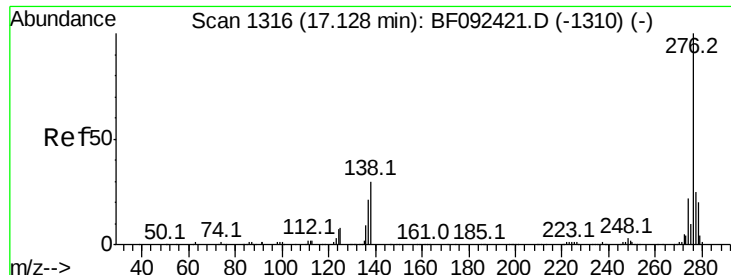
mohammad
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#84
Di-n-octyl phthalate
Concen: 39.30 ng
RT: 14.77 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	12.8	8.9	13.3





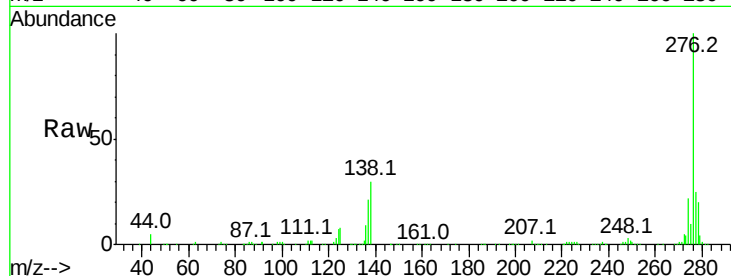
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.54 ng
RT: 17.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

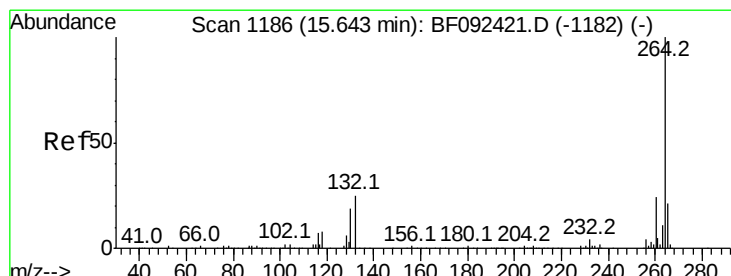
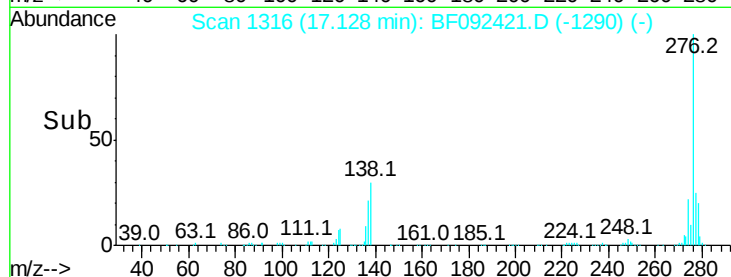
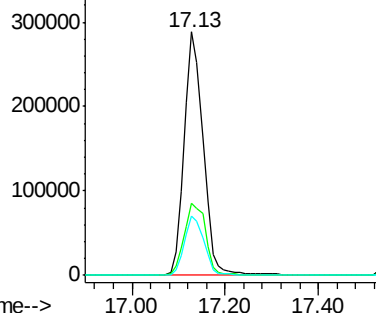
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.8	32.6
277	25.1	20.2	30.4

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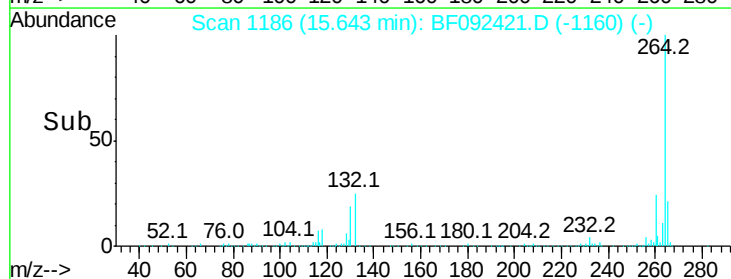
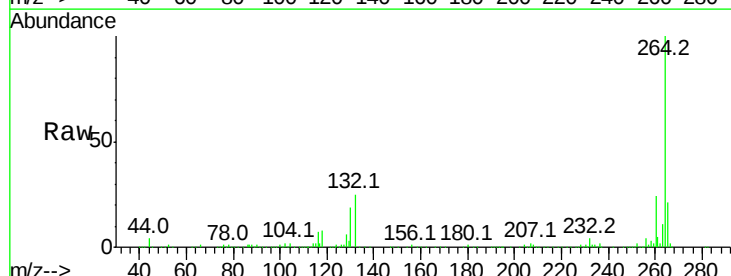
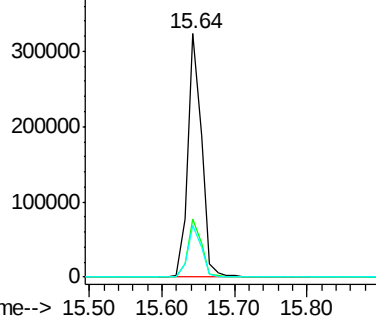
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

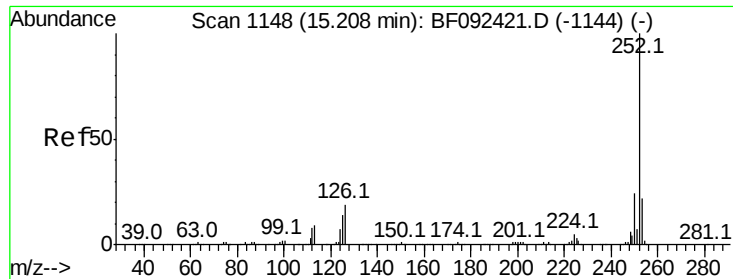


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.4	26.0

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





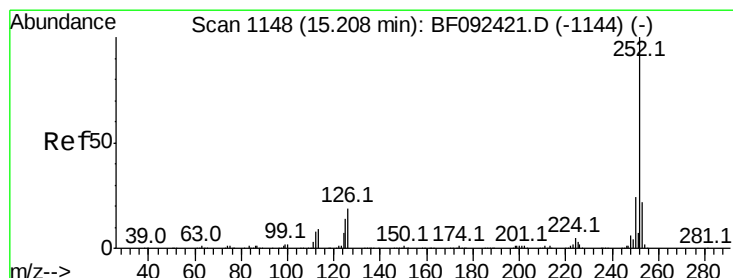
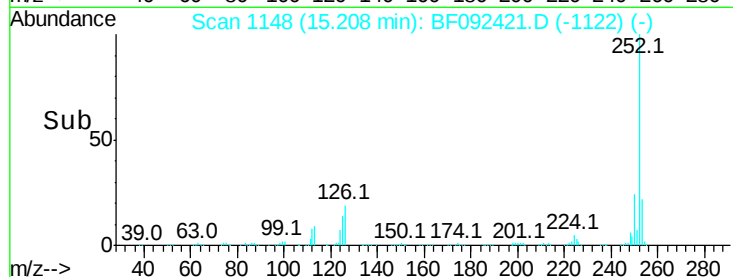
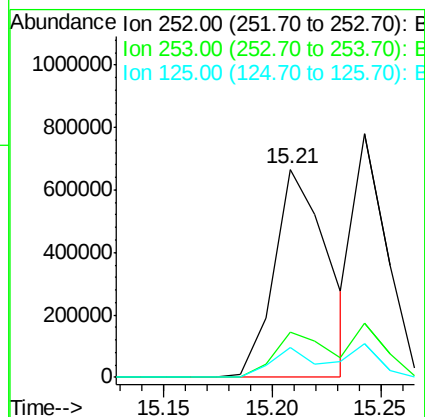
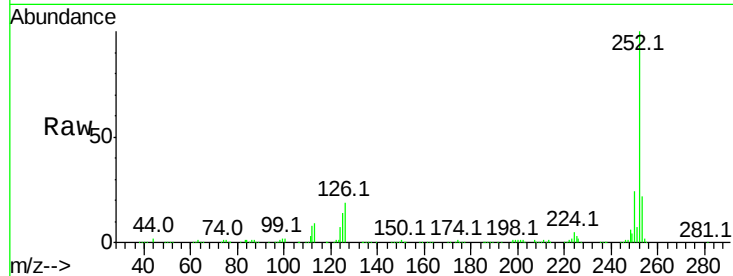
#87
Benzo(b)fluoranthene
Concen: 42.86 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	14.4	9.8	14.6

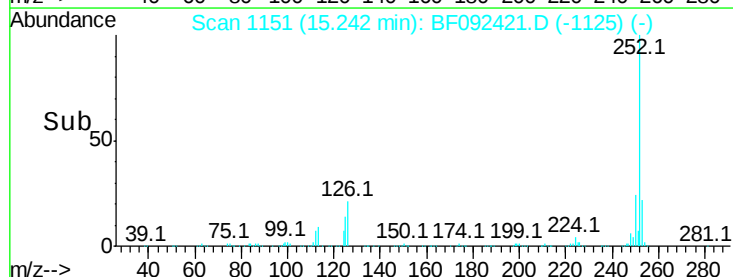
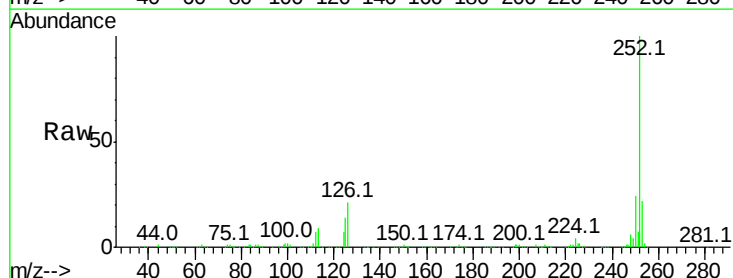
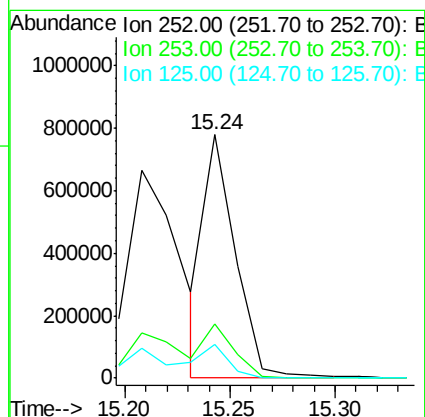
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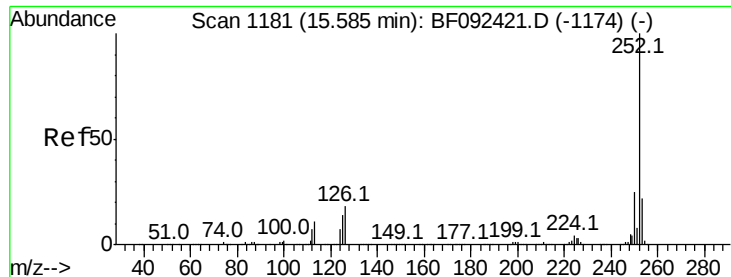
mohammad
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#88
Benzo(k)fluoranthene
Concen: 35.94 ng m
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	13.7	8.9	13.3#





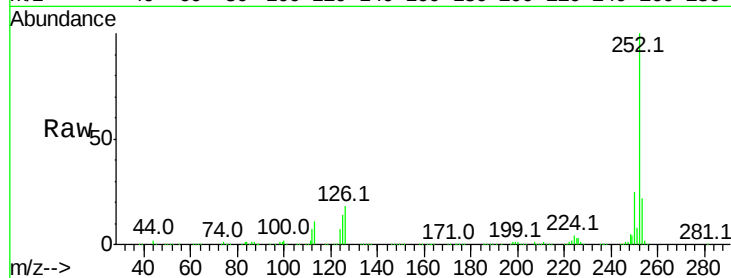
#89
Benzo(a)pyrene
Concen: 39.07 ng
RT: 15.59 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

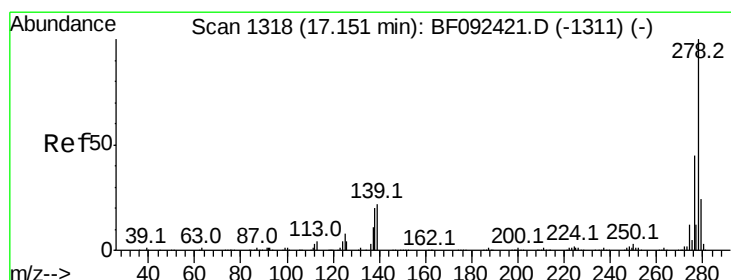
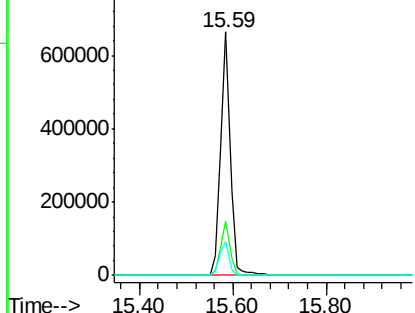
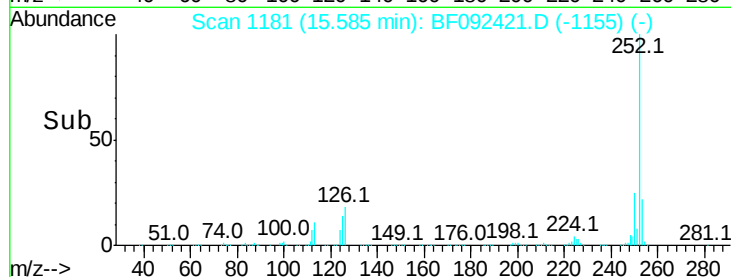
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.9	10.0	15.0

Manual Integrations
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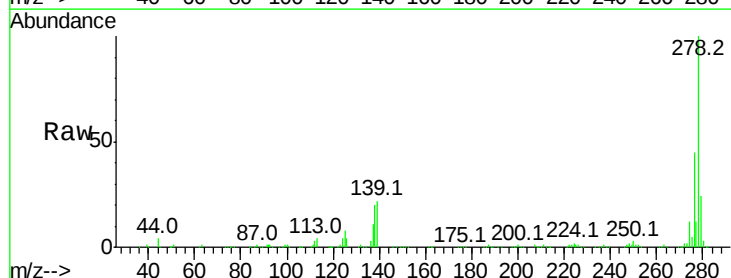


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

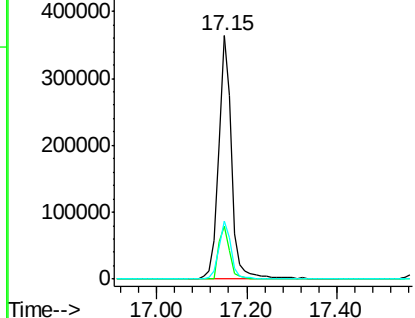
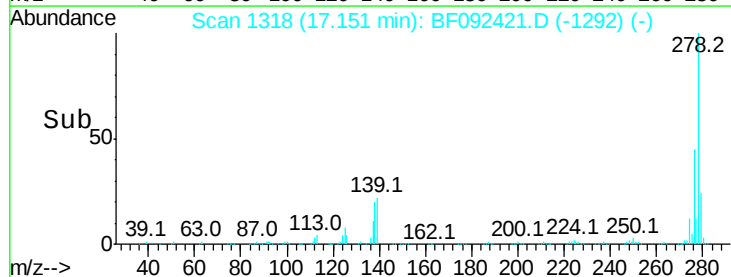


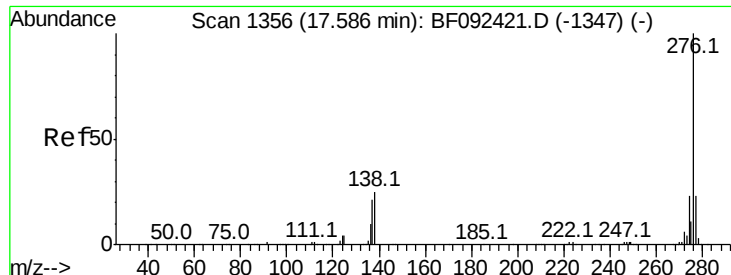
#90
Dibenzo(a,h)anthracene
Concen: 37.37 ng
RT: 17.15 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF092421.D
Acq: 24 Jan 2017 11:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	24.0	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 34.86 ng
 RT: 17.59 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF092421.D
 Acq: 24 Jan 2017 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	25.3	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:14 PM

