

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092840.D
 Acq On : 7 Feb 2017 20:45
 Operator : SJ/MA
 Sample : I1731-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Manual Integrations
 APPROVED

mohammad
 2/8/2017 10:43:17 AM

Quant Time: Feb 08 00:25:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	161818	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	665106	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	305461	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	417889	20.00	ng	0.00
75) Chrysene-d12	14.08	240	312928	20.00	ng	0.00
86) Perylene-d12	15.53	264	266457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1351145	143.25	ng	0.02
7) Phenol-d6	6.56	99	1816643	149.69	ng	0.01
23) Nitrobenzene-d5	7.48	82	1294411	108.38	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	292816	132.54	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1873126	111.09	ng	0.01
78) Terphenyl-d14	13.01	244	1102071	82.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	180679	35.45	ng	# 83
3) Pyridine	3.30	79	476478	36.77	ng	86
4) n-Nitrosodimethylamine	3.26	42	263323	43.27	ng	90
6) Aniline	6.58	93	594787	35.93	ng	# 46
8) 2-Chlorophenol	6.69	128	540385	51.93	ng	90
9) Benzaldehyde	6.45	77	258560	29.74	ng	96
10) Phenol	6.57	94	778130	54.80	ng	90
11) bis(2-Chloroethyl)ether	6.65	93	609523	53.78	ng	95
12) 1,3-Dichlorobenzene	6.84	146	583445m	47.87	ng	
13) 1,4-Dichlorobenzene	6.92	146	588086	47.67	ng	98
14) 1,2-Dichlorobenzene	7.08	146	580657	49.23	ng	95
15) Benzyl Alcohol	7.05	79	484350	53.91	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1010378	51.32	ng	95
17) 2-Methylphenol	7.17	107	501772	56.21	ng	97
18) Hexachloroethane	7.41	117	197935	47.01	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	396094	51.27	ng	94
20) 3+4-Methylphenols	7.32	107	534650	50.09	ng	# 78
22) Acetophenone	7.32	105	731575	48.18	ng	# 92
24) Nitrobenzene	7.49	77	609131	49.67	ng	99
25) Isophorone	7.73	82	1174657	52.78	ng	96
26) 2-Nitrophenol	7.81	139	327516	56.18	ng	# 87
27) 2,4-Dimethylphenol	7.85	122	525412	51.32	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	732889	49.72	ng	98
29) 2,4-Dichlorophenol	8.05	162	476090	49.86	ng	90
30) 1,2,4-Trichlorobenzene	8.13	180	481305	46.77	ng	96
31) Naphthalene	8.21	128	1443538	42.81	ng	99
32) Benzoic acid	7.94	122	44256	13.66	ng	88
33) 4-Chloroaniline	8.26	127	229281	17.34	ng	94
34) Hexachlorobutadiene	8.33	225	246342	43.51	ng	99
35) Caprolactam	8.64	113	161058	53.62	ng	# 34
36) 4-Chloro-3-methylphenol	8.76	107	539481	54.19	ng	92
37) 2-Methylnaphthalene	8.91	142	1066147	49.25	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	429717	50.12	ng	99
40) Hexachlorocyclopentadiene	9.06	237	126068	32.59	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	312497	55.46	nq	91
43) 2,4,5-Trichlorophenol	9.23	196	322377	52.22	nq	94
45) 1,1'-Biphenyl	9.37	154	990657	44.79	nq	97
46) 2-Chloronaphthalene	9.40	162	849441	49.09	nq	94
47) 2-Nitroaniline	9.49	65	269517	46.33	nq	98
48) Acenaphthylene	9.81	152	1322232	44.24	nq	99
49) Dimethylphthalate	9.68	163	1223065	59.45	nq	99
50) 2,6-Dinitrotoluene	9.73	165	211182	47.53	nq	# 73
51) Acenaphthene	9.98	154	807056	45.16	nq	98
52) 3-Nitroaniline	9.90	138	158226	31.12	nq	99
53) 2,4-Dinitrophenol	10.02	184	61748	30.44	nq	96
54) Dibenzofuran	10.16	168	1141683	47.76	nq	94
55) 4-Nitrophenol	10.09	139	359192	98.07	nq	# 66
56) 2,4-Dinitrotoluene	10.14	165	306779	51.86	nq	# 81
57) Fluorene	10.50	166	865633	47.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	208380	50.60	nq	95
59) Diethylphthalate	10.37	149	998567	51.50	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	395226	44.74	nq	88
61) 4-Nitroaniline	10.52	138	214601	41.20	nq	92
62) Azobenzene	10.65	77	975551	48.70	nq	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	69863	28.61	nq	82
65) n-Nitrosodiphenylamine	10.61	169	809036	60.60	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	233124	53.40	nq	93
67) Hexachlorobenzene	11.05	284	225496	52.27	nq	100
68) Atrazine	11.14	200	241280	56.32	nq	96
69) Pentachlorophenol	11.24	266	206473	91.56	nq	98
70) Phenanthrene	11.46	178	1089378	45.50	nq	98
71) Anthracene	11.52	178	1201325	49.97	nq	97
72) Carbazole	11.66	167	926872	40.33	nq	98
73) Di-n-butylphthalate	12.00	149	1451919	58.41	nq	# 96
74) Fluoranthene	12.65	202	1024815	41.50	nq	95
76) Benzidine	12.77	184	350960m	26.32	nq	
77) Pyrene	12.88	202	999778	42.69	nq	99
79) Butylbenzylphthalate	13.49	149	509434	53.57	nq	# 81
80) Benzo(a)anthracene	14.07	228	925274	48.34	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	308590	45.23	nq	# 95
82) Chrysene	14.10	228	682259	38.07	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	674596	51.87	nq	# 93
84) Di-n-octyl phthalate	14.66	149	1354381	63.95	nq	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	676606	48.75	nq	95
87) Benzo(b)fluoranthene	15.11	252	812205	46.31	nq	98
88) Benzo(k)fluoranthene	15.14	252	815580m	53.86	nq	
89) Benzo(a)pyrene	15.47	252	760700	50.14	nq	96
90) Dibenzo(a,h)anthracene	16.99	278	577376	47.09	nq	97
91) Benzo(g,h,i)perylene	17.40	276	546664	44.13	nq	# 91

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

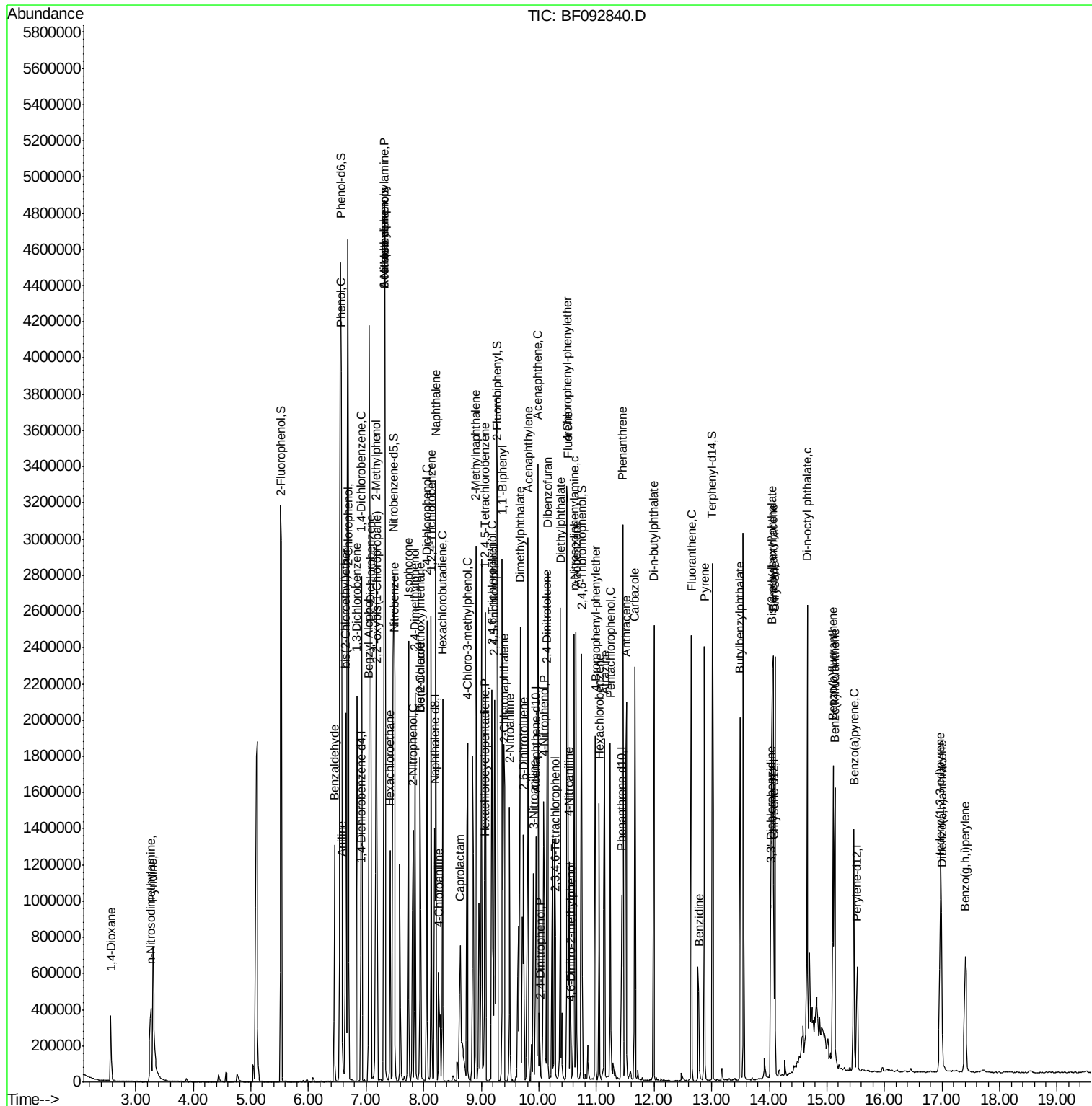
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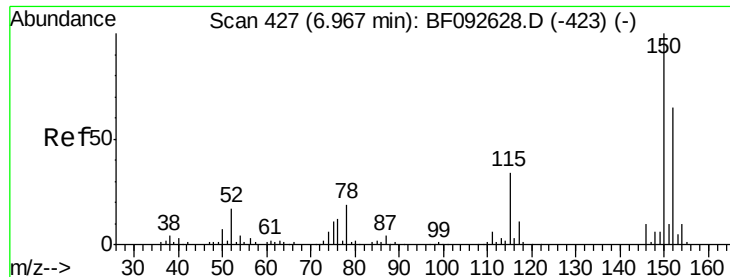
Instrument :
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#1

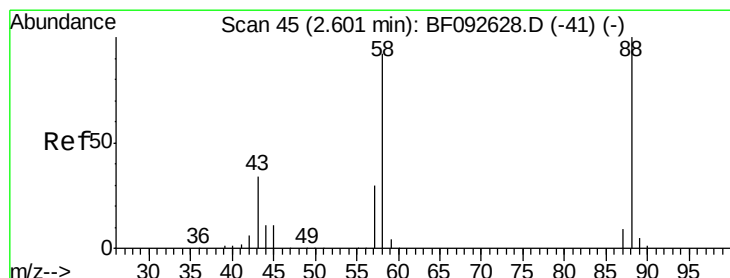
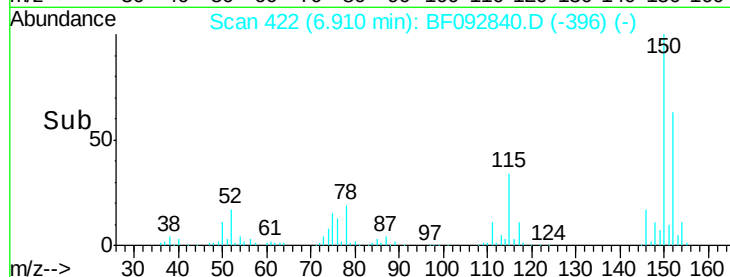
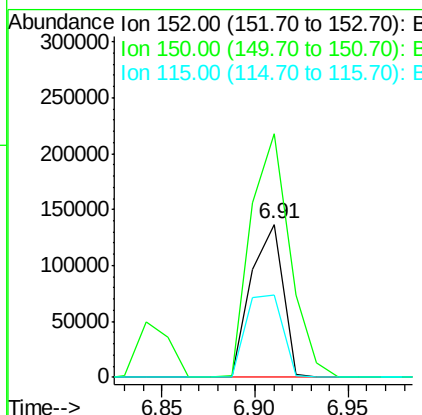
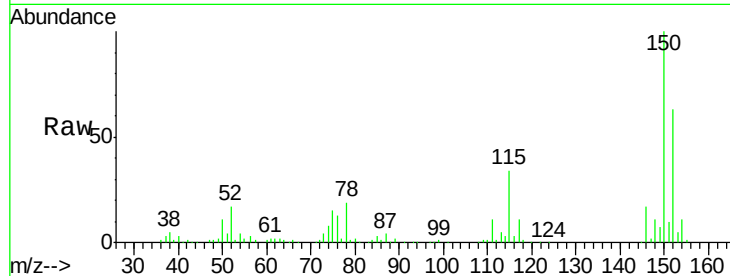
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.9	187.3
115	53.6	46.0	69.0

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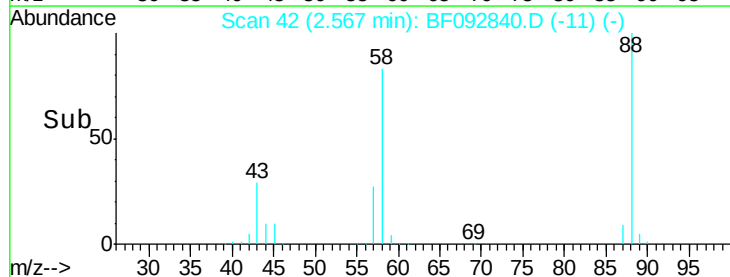
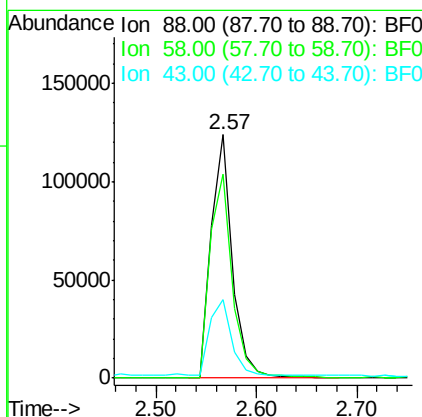
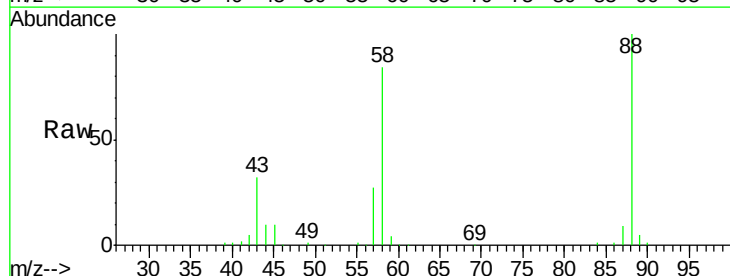
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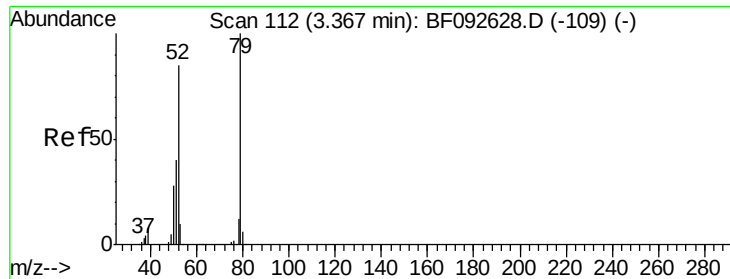


#2

1,4-Dioxane
Concen: 35.45 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.06 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	57.8	86.8#
43	35.4	22.3	33.5#





#3

Pvridine

Concen: 36.77 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.05 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

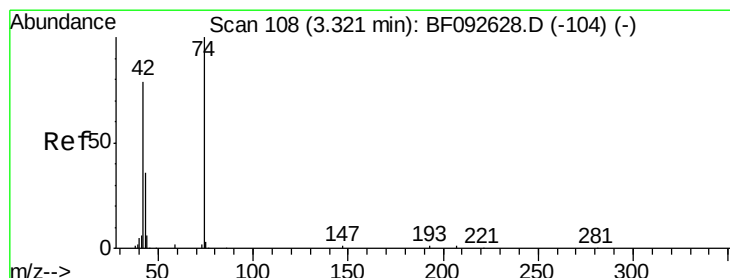
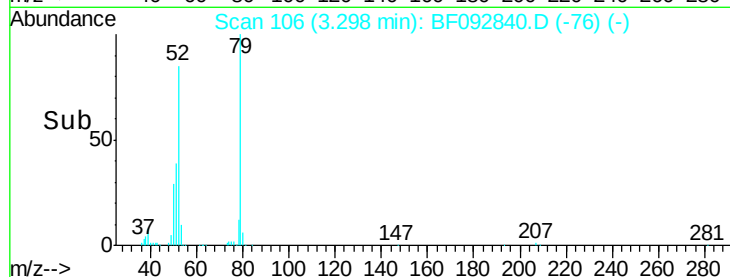
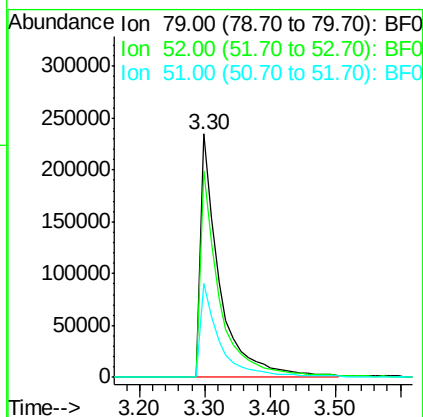
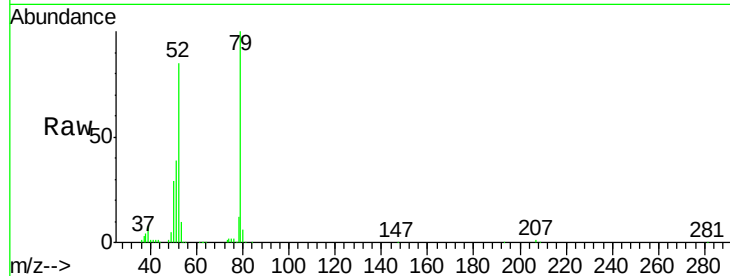
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion:	79	Resp:	476478
Ion	Ratio	Lower	Upper
79	100		
52	85.0	57.1	85.7
51	38.8	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 43.27 ng

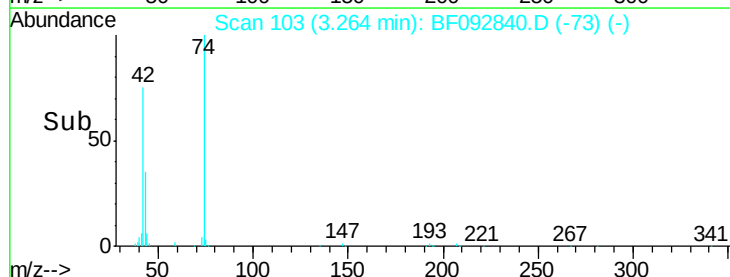
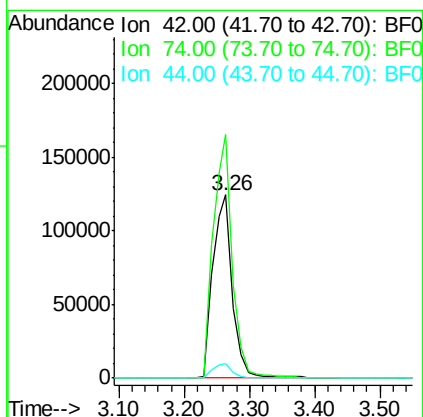
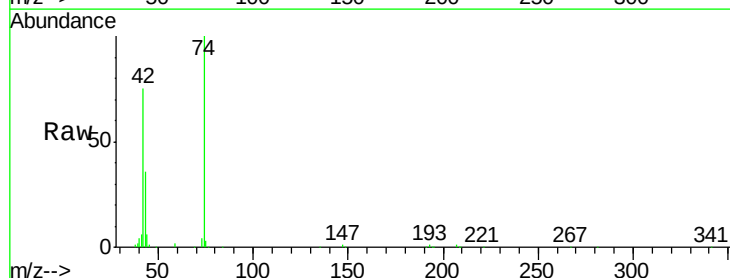
RT: 3.26 min Scan# 103

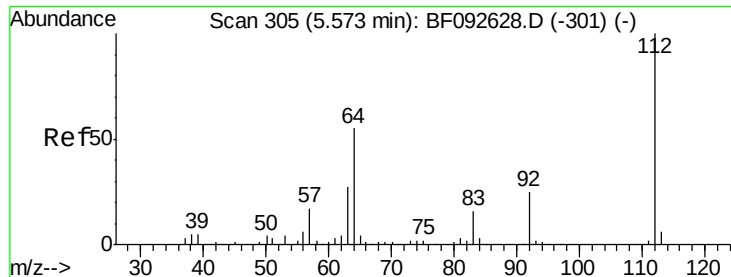
Delta R.T. 0.05 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:	42	Resp:	263323
Ion	Ratio	Lower	Upper
42	100		
74	132.8	117.0	175.4
44	8.0	5.5	8.3





#5

2-Fluorophenol

Concen: 143.25 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

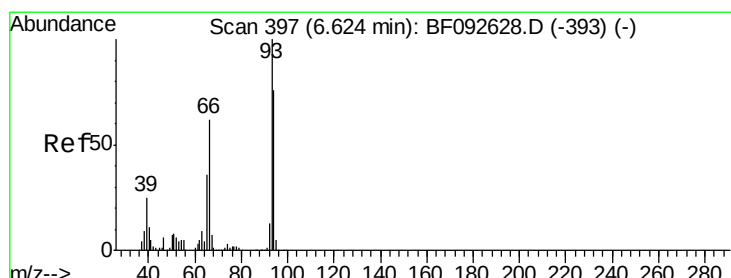
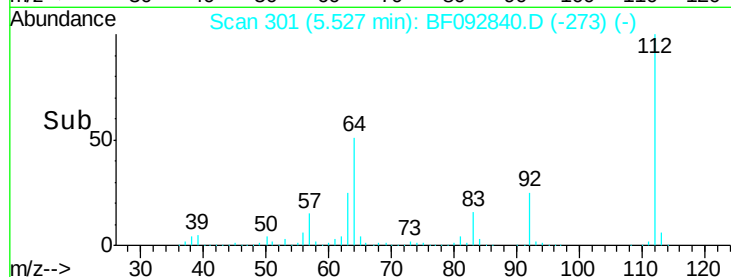
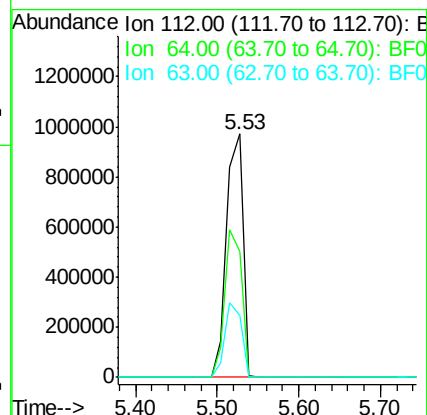
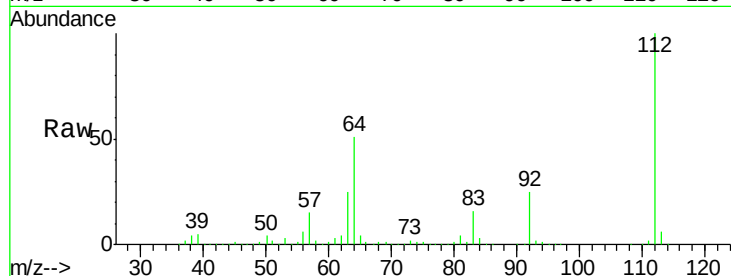
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion:	112	Resp:	1351145
Ion	Ratio	Lower	Upper
112	100		
64	51.5	46.1	69.1
63	25.4	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 35.93 ng

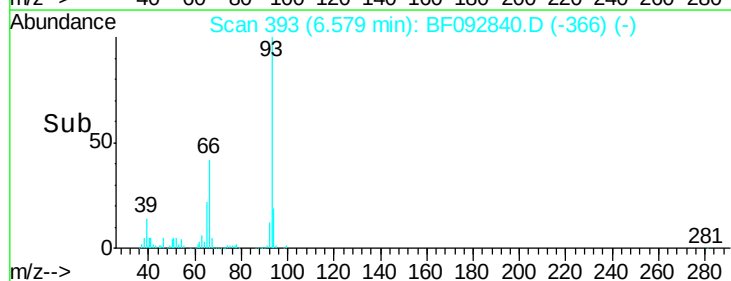
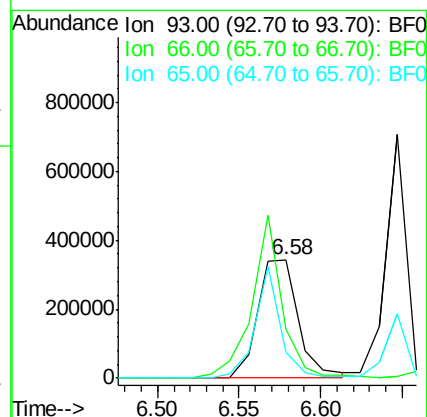
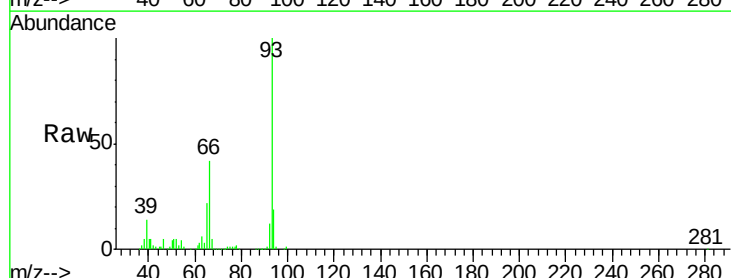
RT: 6.58 min Scan# 393

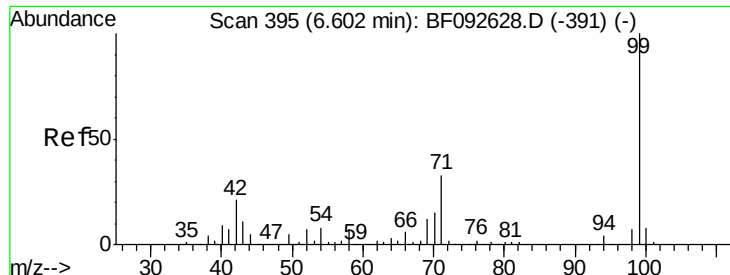
Delta R.T. 0.01 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:	93	Resp:	594787
Ion	Ratio	Lower	Upper
93	100		
66	41.5	76.2	114.2#
65	22.2	49.3	73.9#





#7

Phenol-d6

Concen: 149.69 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion: 99 Resp: 1816643

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

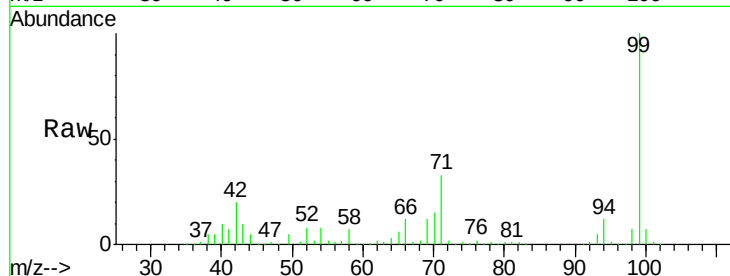
71 32.8 27.5 41.3

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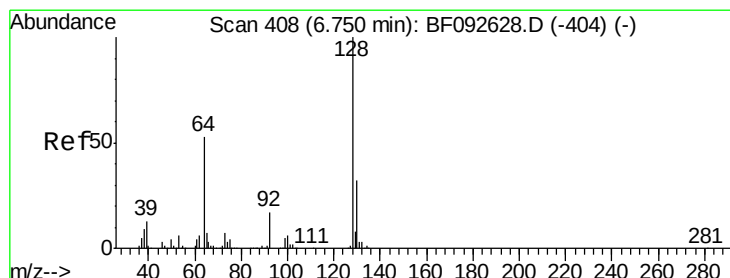
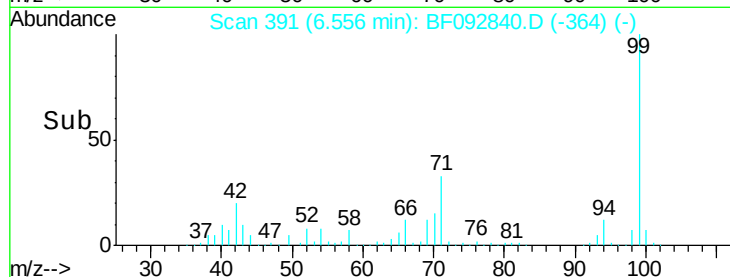
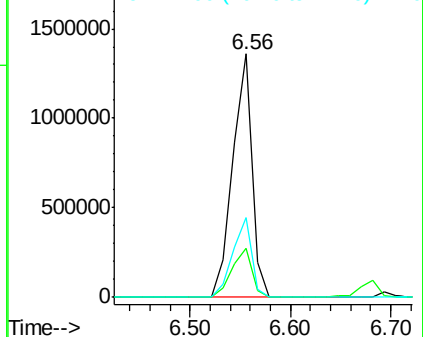
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.93 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

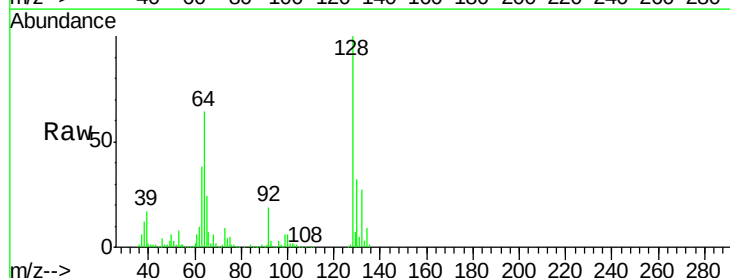
Tgt Ion:128 Resp: 540385

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

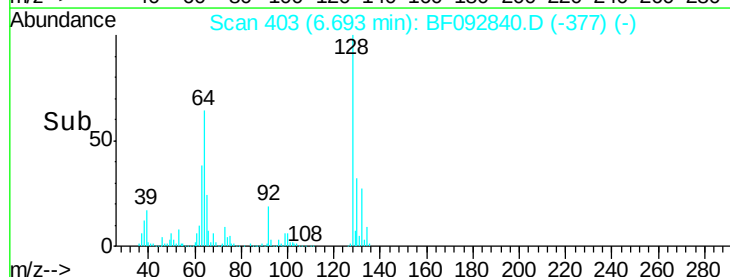
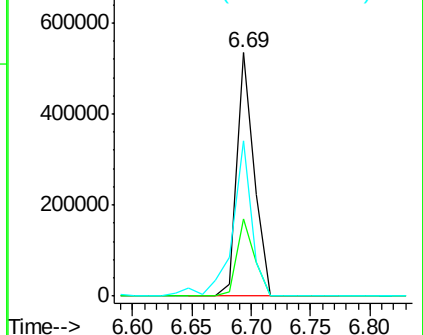
64 63.5 32.2 72.2

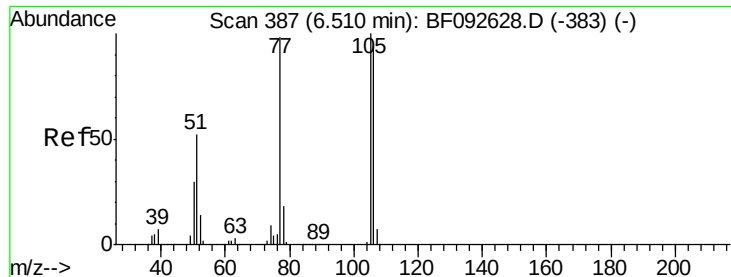


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.74 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

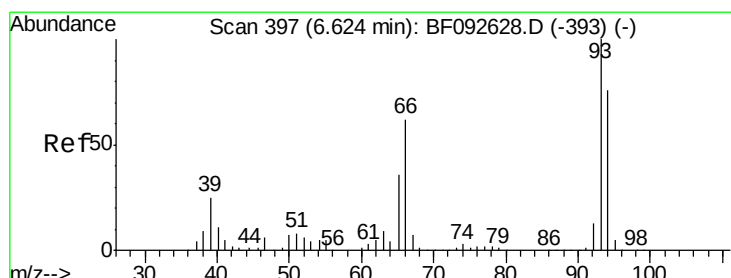
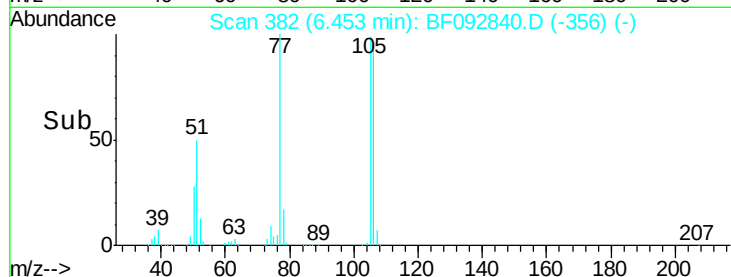
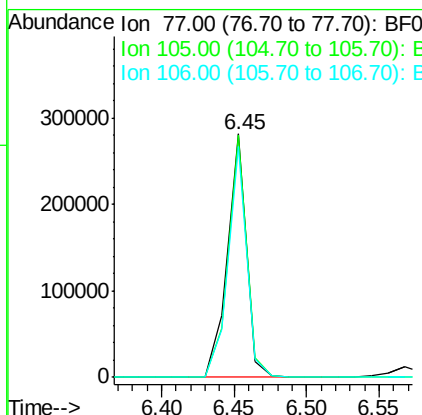
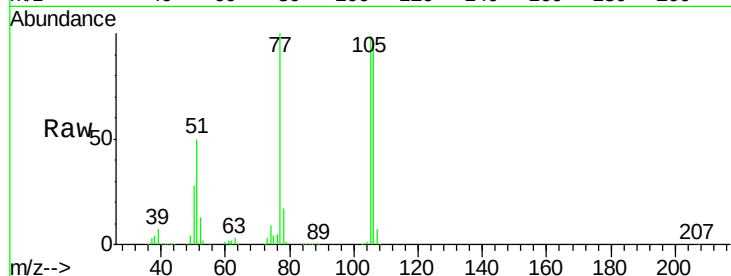
ClientSampleId :

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Tot Ion:	77	Resp:	258560
Ion	Ratio	Lower	Upper
77	100		
105	99.3	83.9	123.9
106	95.0	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 54.80 ng

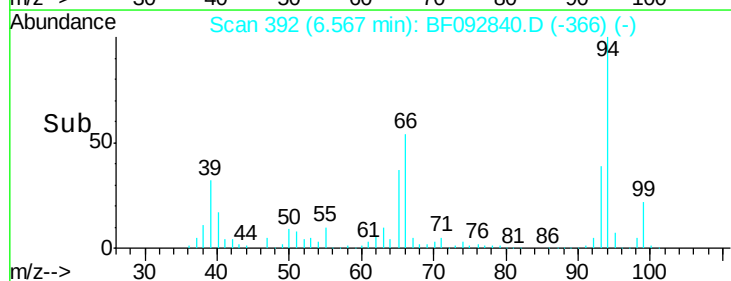
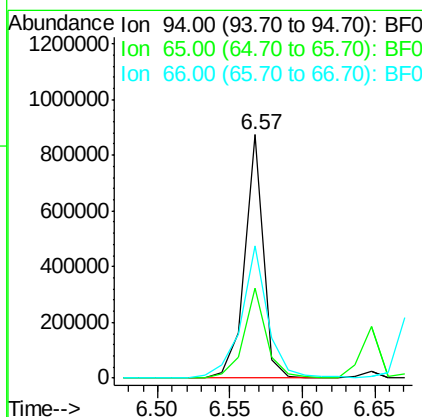
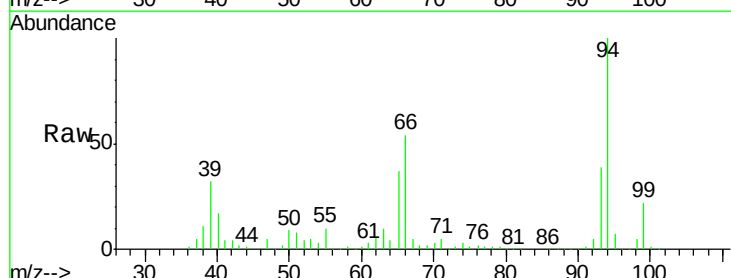
RT: 6.57 min Scan# 392

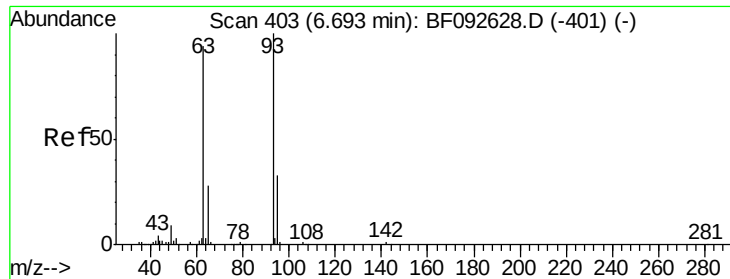
Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:	94	Resp:	778130
Ion	Ratio	Lower	Upper
94	100		
65	37.1	21.4	61.4
66	54.3	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 53.78 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

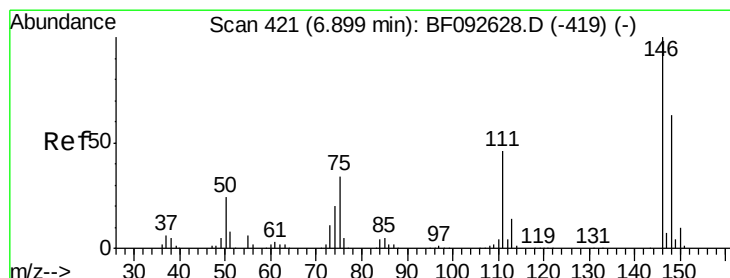
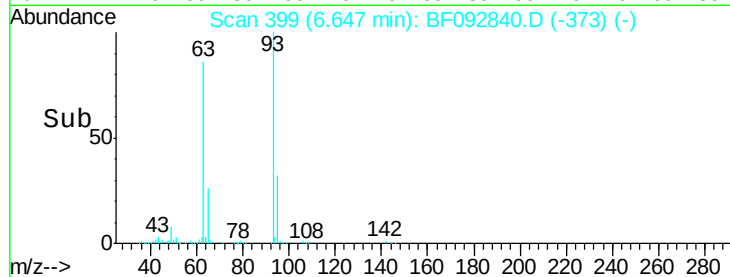
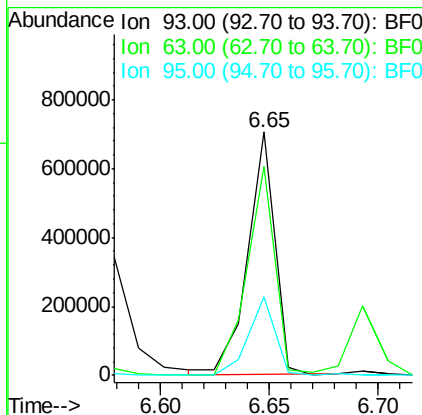
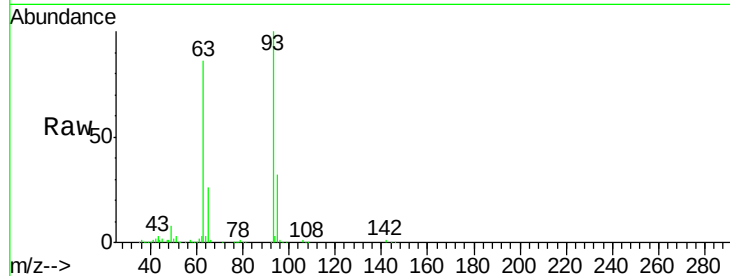
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion:	93	Resp:	609523
Ion Ratio	Lower	Upper	
93	100		
63	85.7	60.4	100.4
95	32.2	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 47.87 ng m

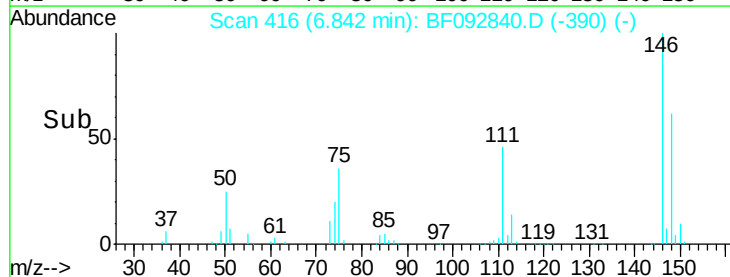
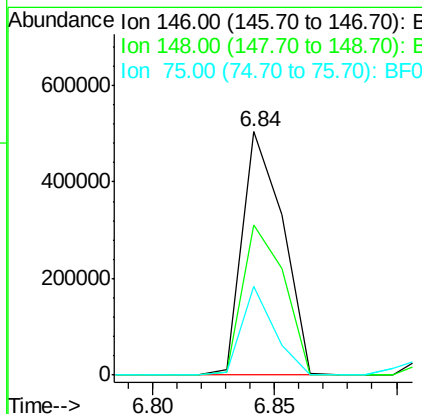
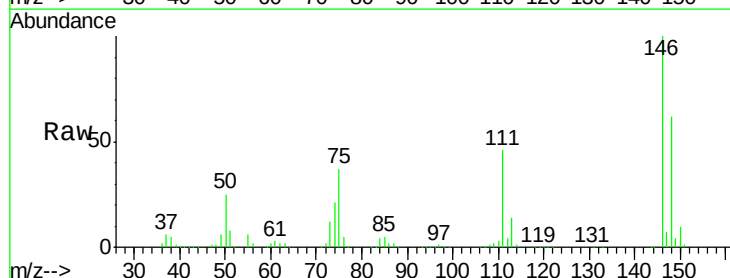
RT: 6.84 min Scan# 416

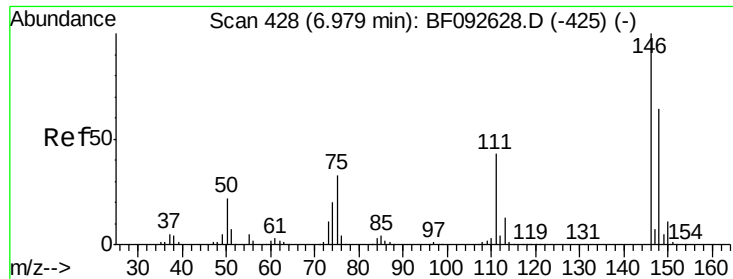
Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:	146	Resp:	583445
Ion Ratio	Lower	Upper	
146	100		
148	61.8	53.4	80.0
75	36.6	18.5	27.7#





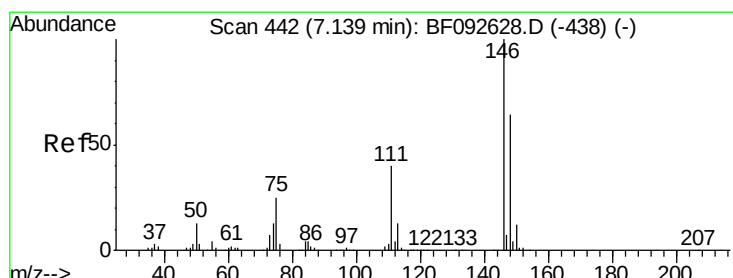
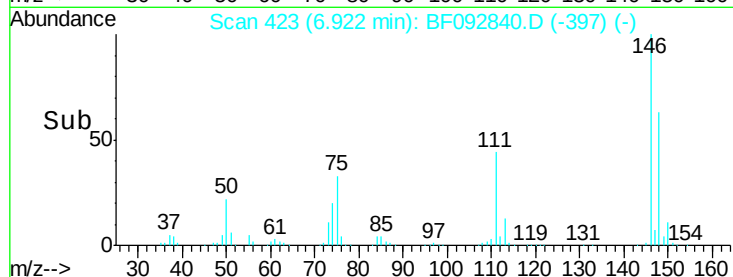
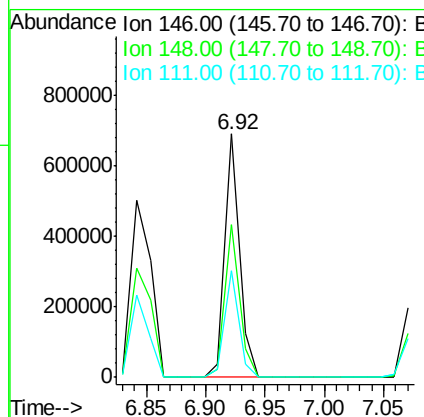
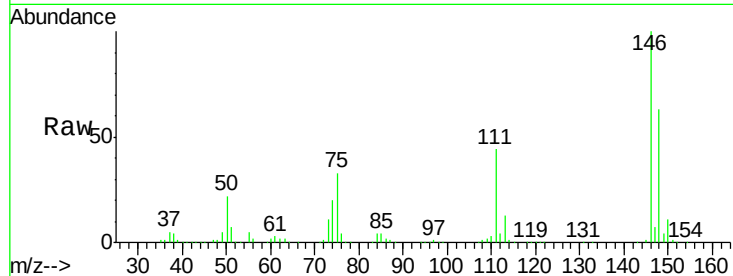
#13
 1,4-Dichlorobenzene
 Concen: 47.67 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.6	76.0
111	43.6	36.2	54.4

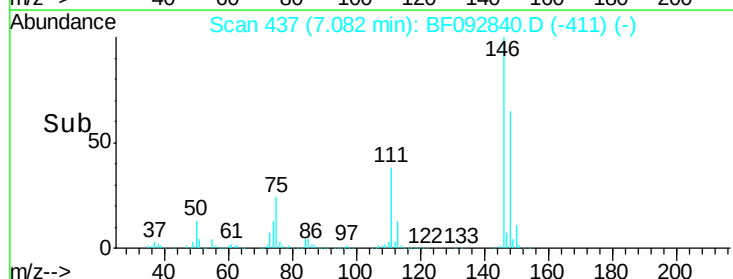
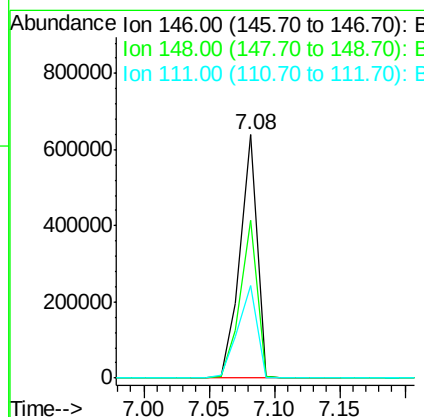
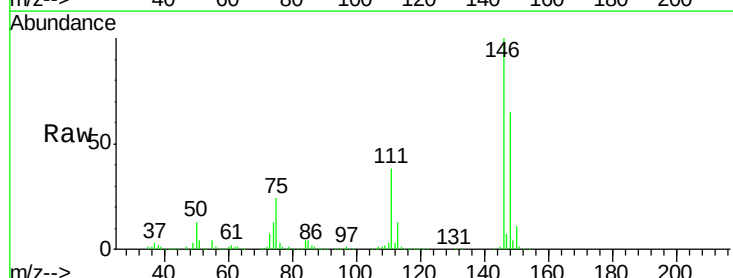
Manual Integrations
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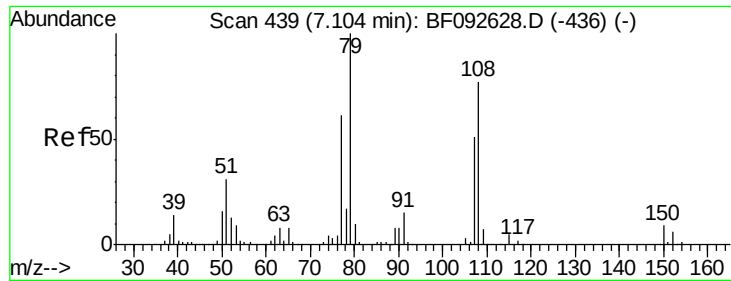
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#14
 1,2-Dichlorobenzene
 Concen: 49.23 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	38.2	36.2	54.2





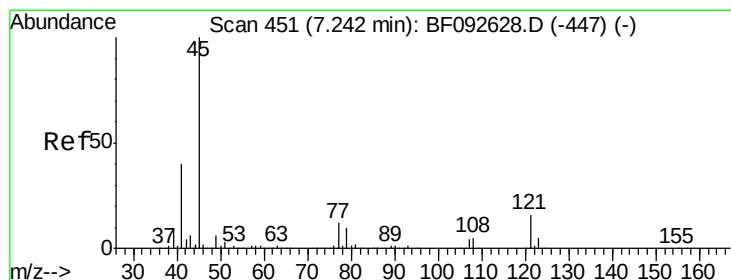
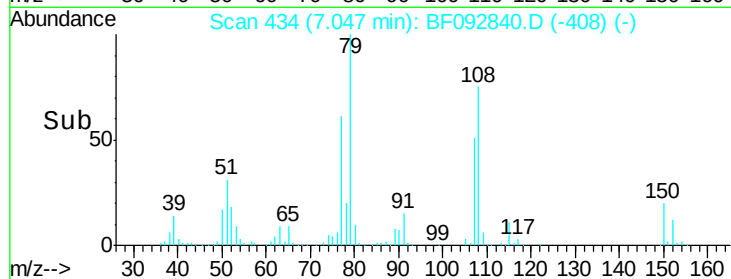
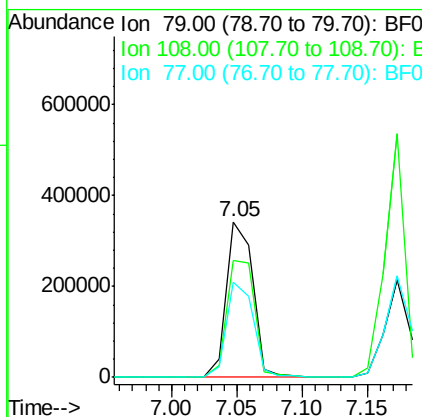
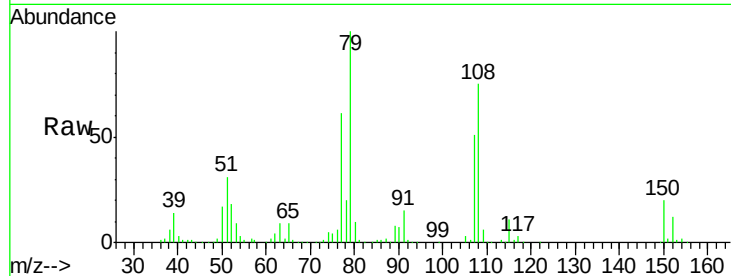
#15
Benzyl Alcohol
Concen: 53.91 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	61.4	92.0
77	61.2	50.9	76.3

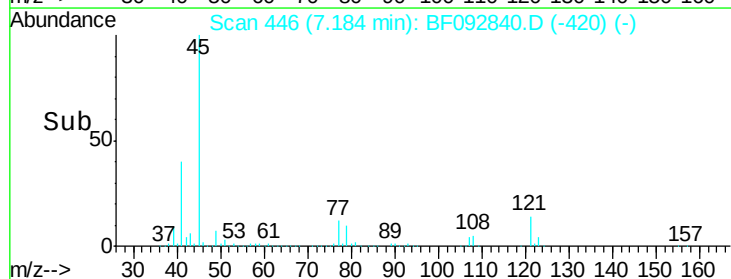
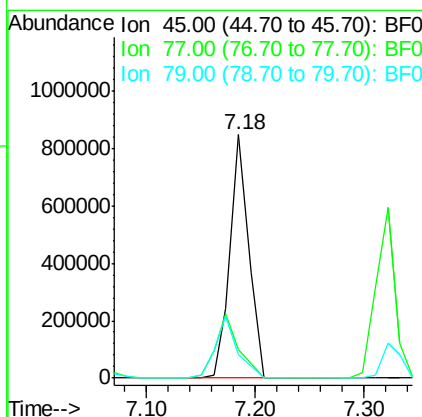
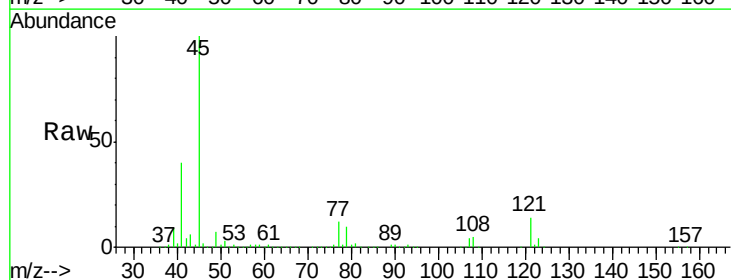
Manual Integrations
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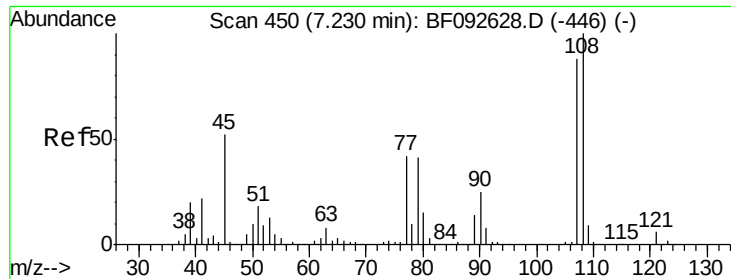
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.32 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	34.6
79	9.6	0.0	31.2





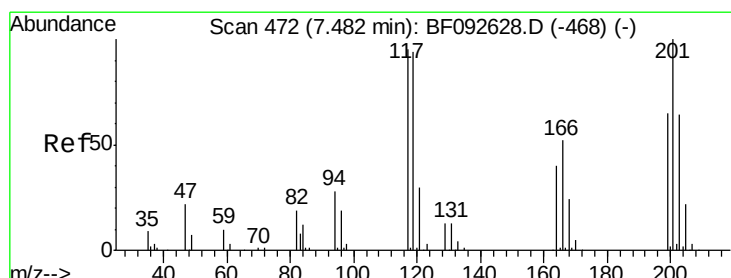
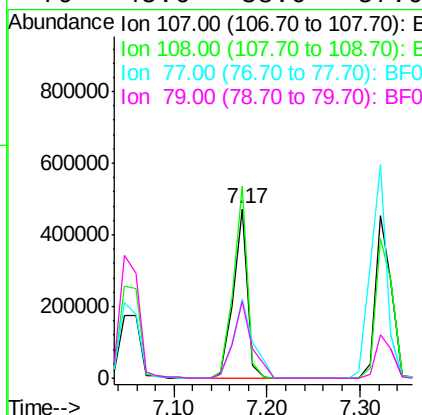
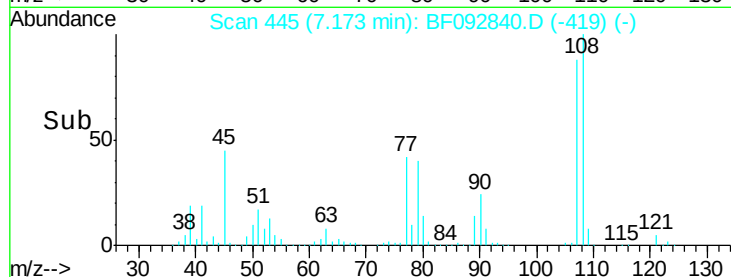
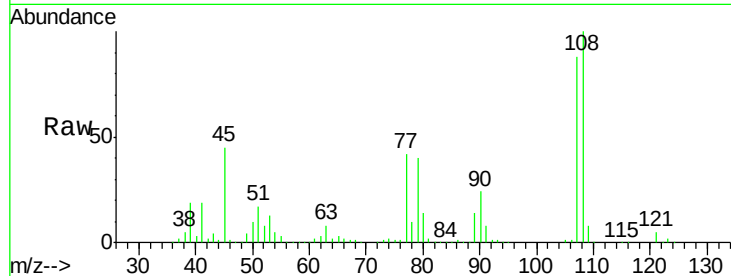
#17
2-Methylphenol
Concen: 56.21 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	501772		
108	113.6	93.0	139.6	
77	47.2	39.8	59.8	
79	45.6	38.0	57.0	

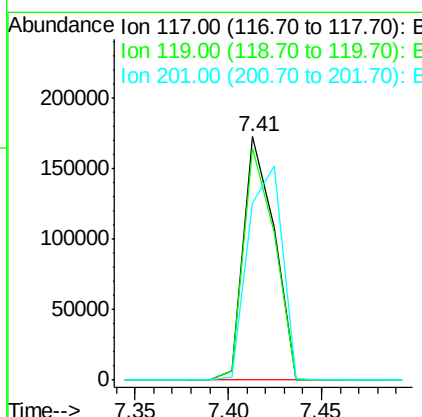
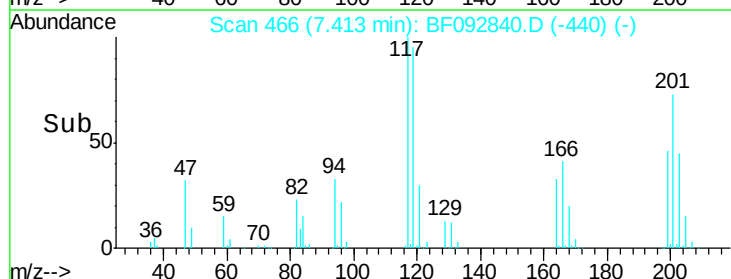
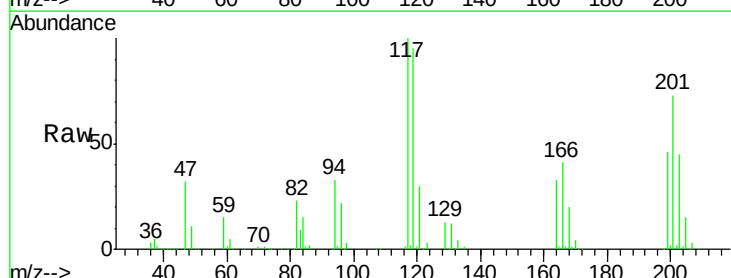
Manual Integrations
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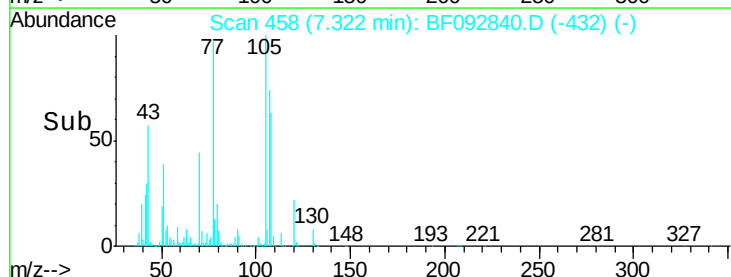
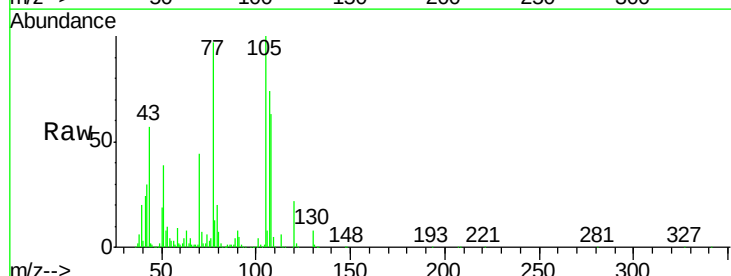
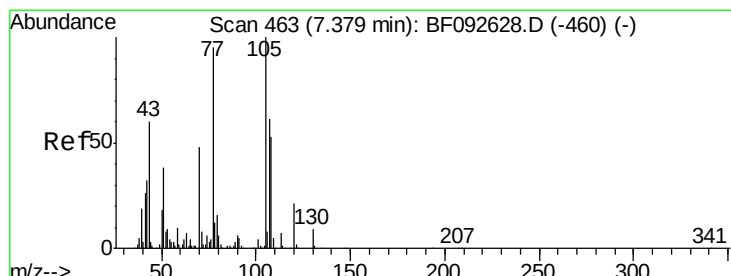
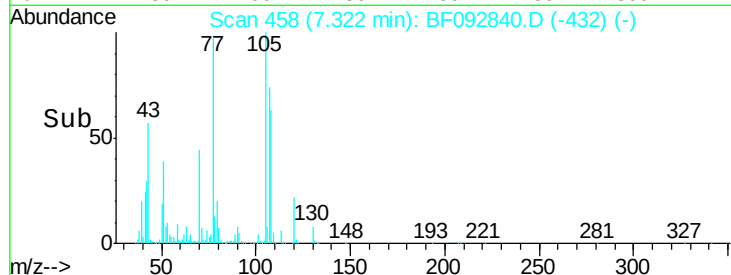
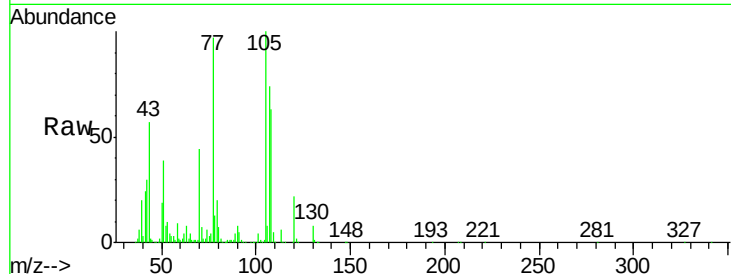
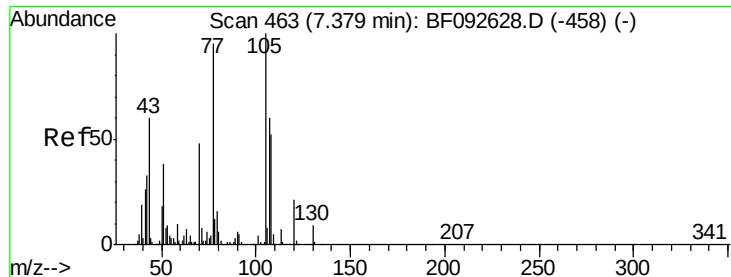
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#18
Hexachloroethane
Concen: 47.01 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	197935		
119	95.5	78.1	117.1	
201	73.0	78.6	117.8#	





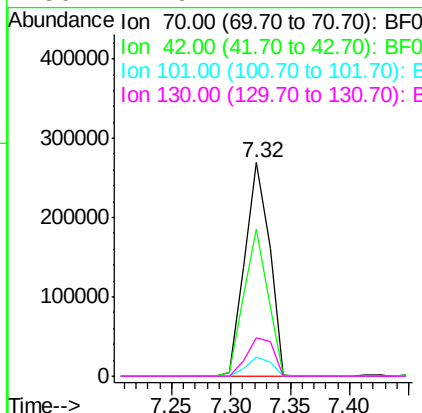
#19
n-Nitroso-di-n-propylamine
Concen: 51.27 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	49.4	74.0
101	8.8	7.4	11.2
130	17.9	14.2	21.4

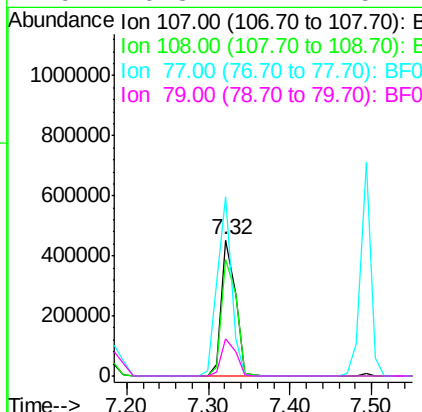
Manual Integrations
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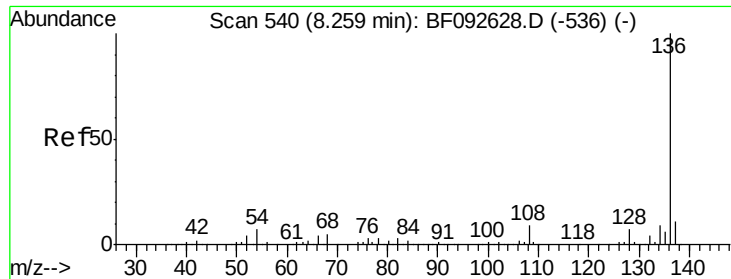
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#20
3+4-Methylphenols
Concen: 50.09 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	73.0	113.0
77	131.3	71.3	111.3#
79	26.8	11.1	51.1





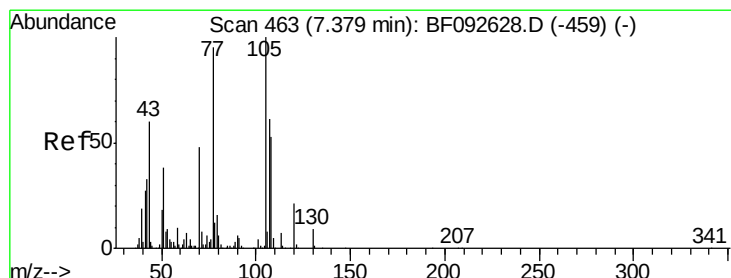
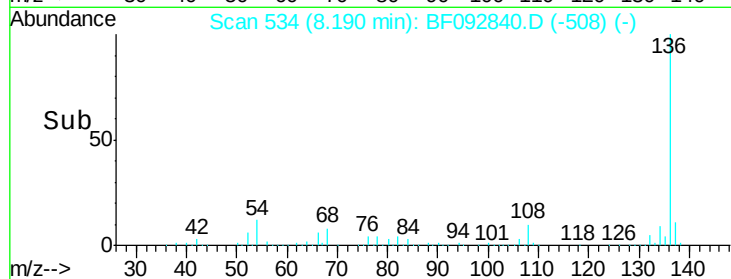
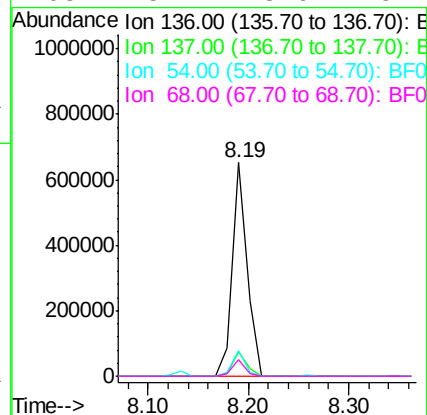
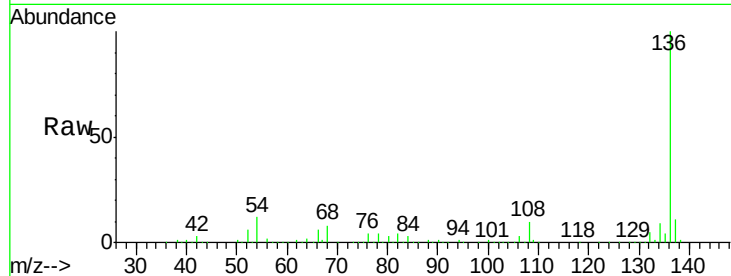
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.7	4.5	6.7#
68	8.1	3.6	5.4#

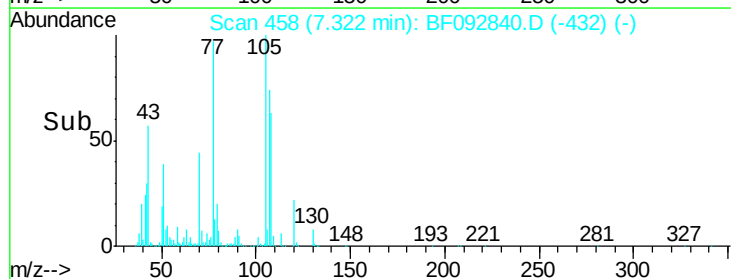
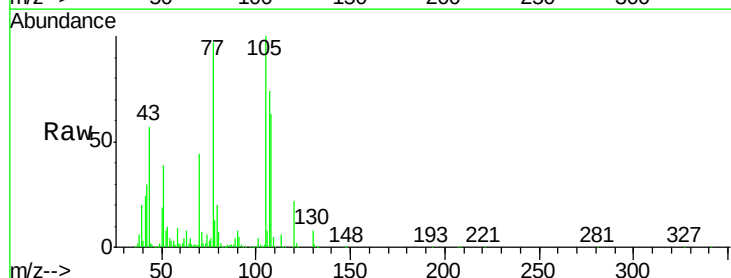
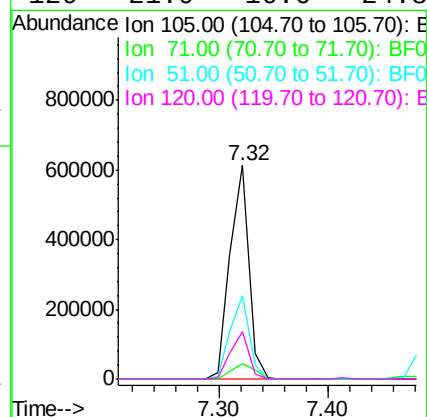
Manual Integrations
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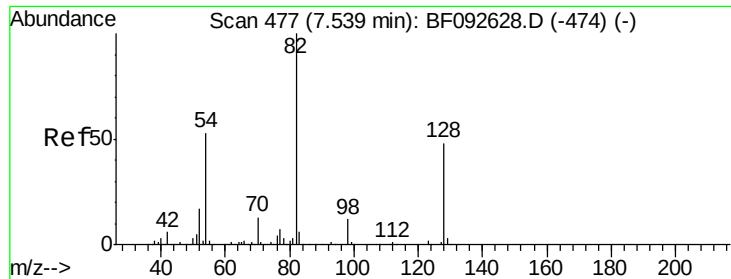
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#22
Acetophenone
Concen: 48.18 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.2	3.2	4.8#
51	39.1	26.2	39.4
120	21.9	16.6	24.8





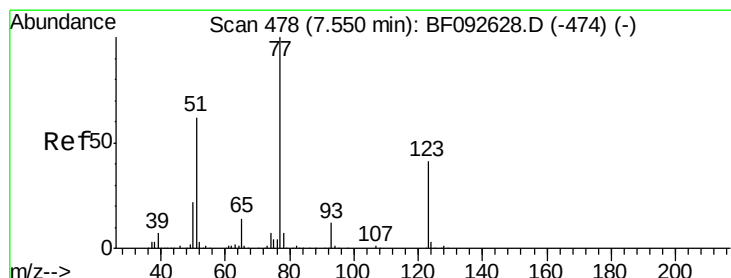
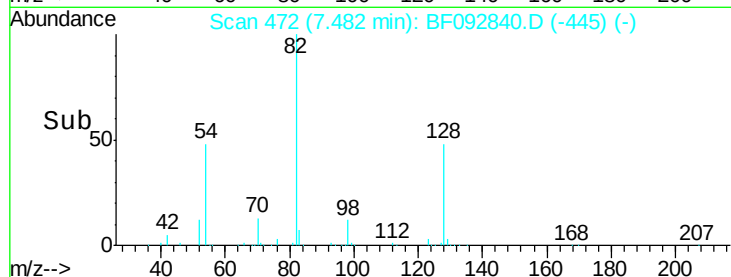
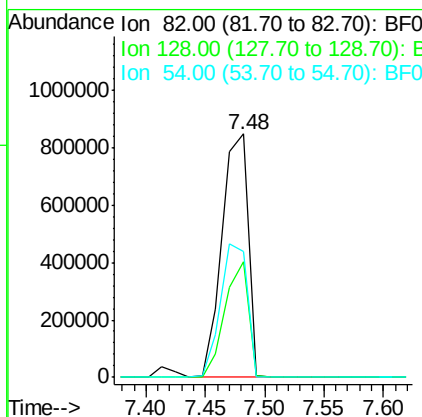
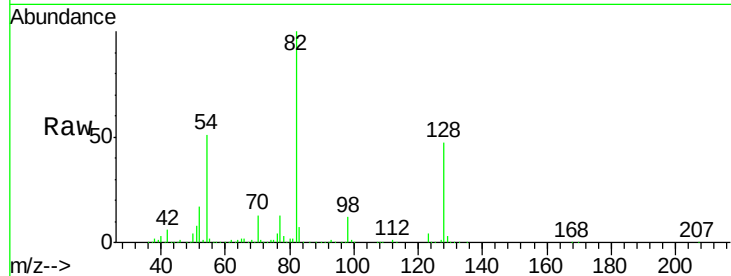
#23
 Nitrobenzene-d5
 Concen: 108.38 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	82	Resp	1294411
Ion Ratio	100	Lower	Upper
128	47.4	34.6	52.0
54	51.5	39.5	59.3

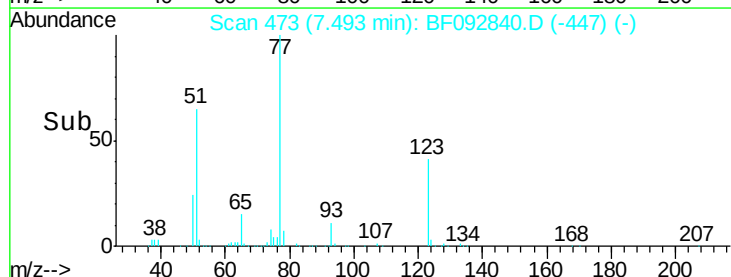
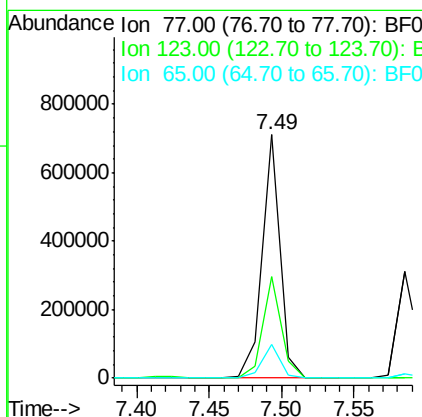
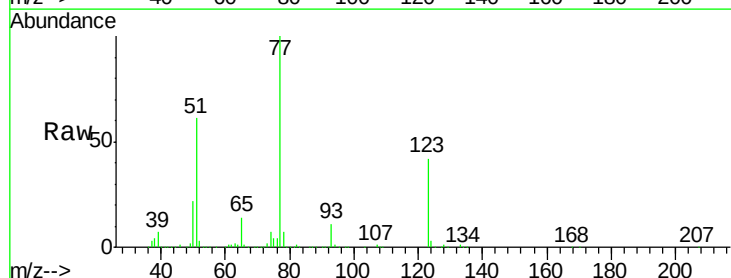
Manual Integrations
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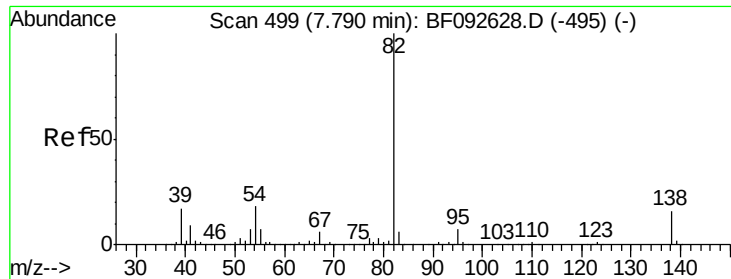
mohammad
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#24
 Nitrobenzene
 Concen: 49.67 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	77	Resp	609131
Ion Ratio	100	Lower	Upper
123	41.7	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 52.78 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion: 82 Resp: 1174657

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

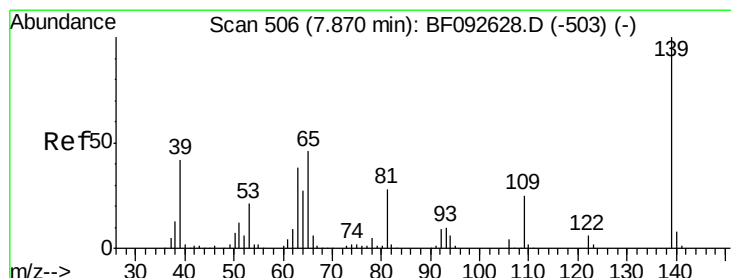
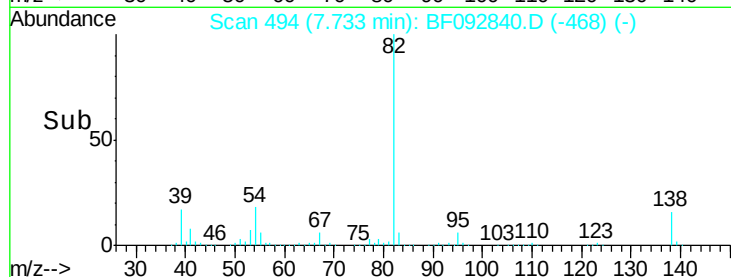
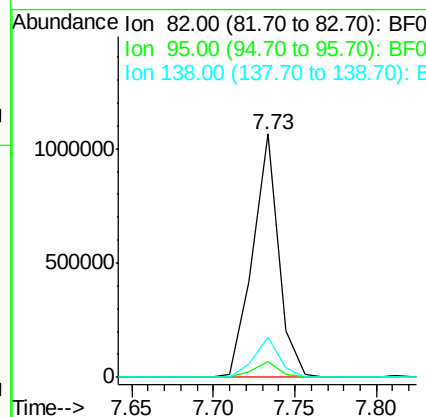
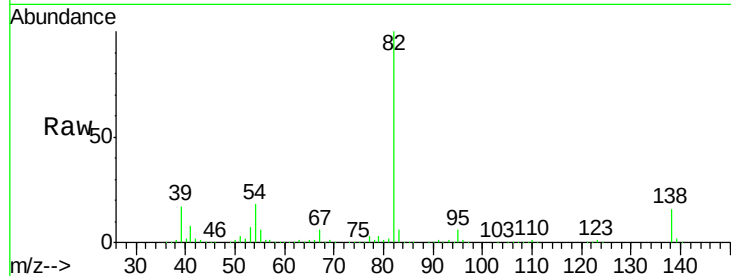
138 16.3 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 56.18 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

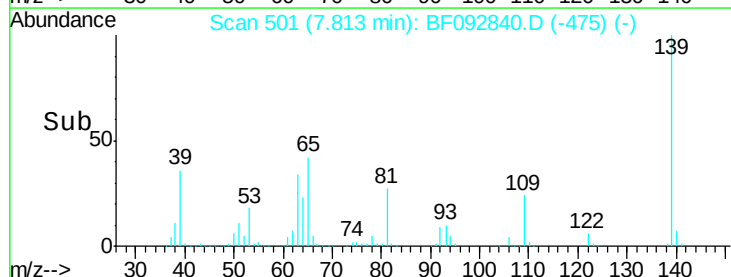
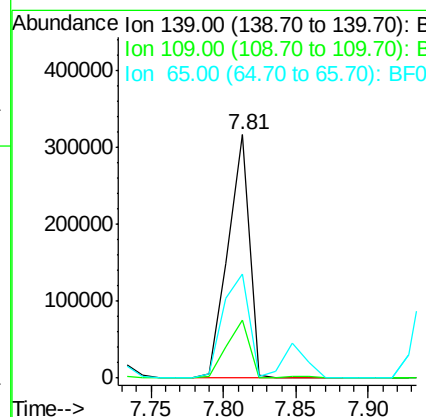
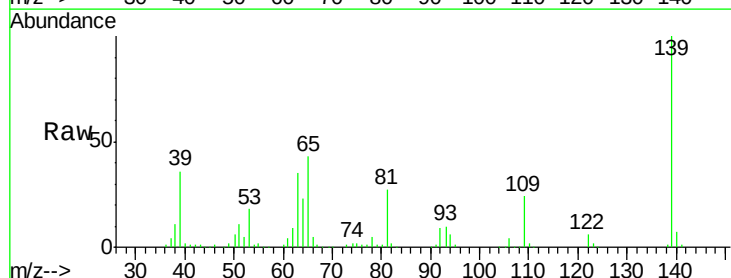
Tgt Ion: 139 Resp: 327516

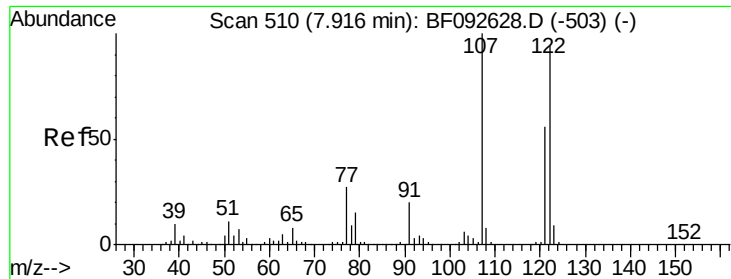
Ion Ratio Lower Upper

139 100

109 24.1 23.3 34.9

65 42.6 42.7 64.1#





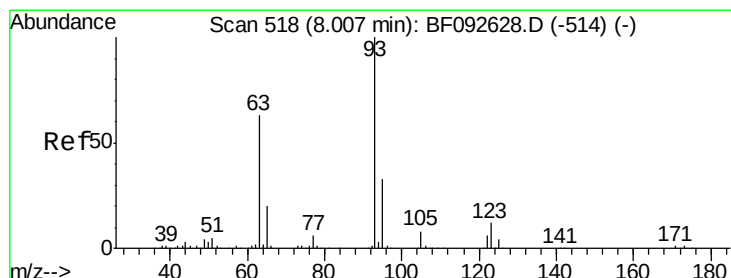
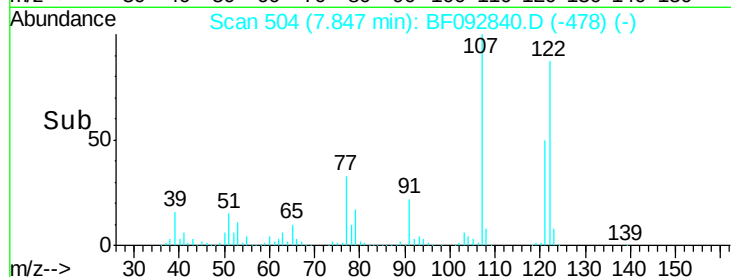
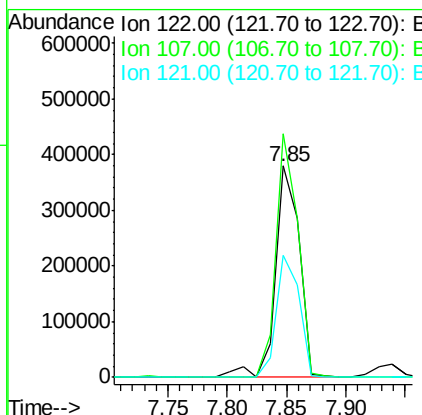
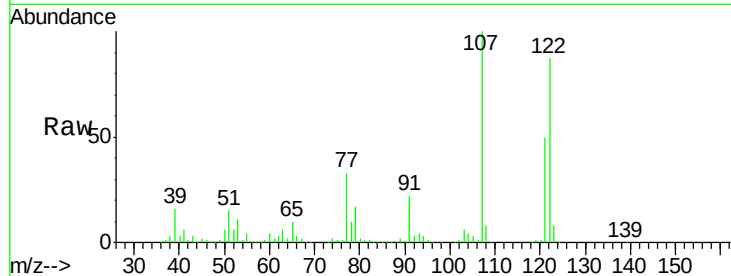
#27
2,4-Dimethylphenol
Concen: 51.32 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	94.1	141.1
121	57.6	46.0	69.0

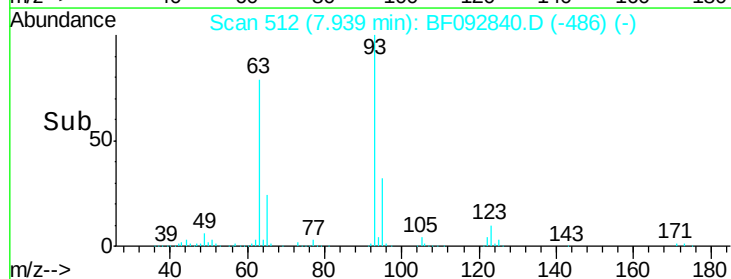
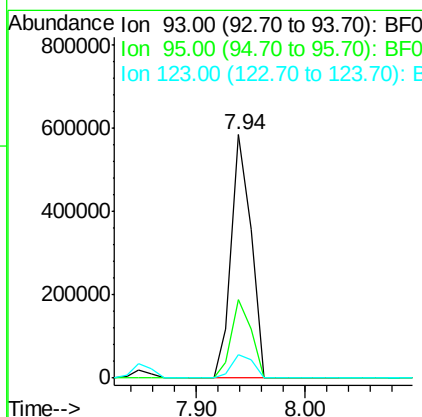
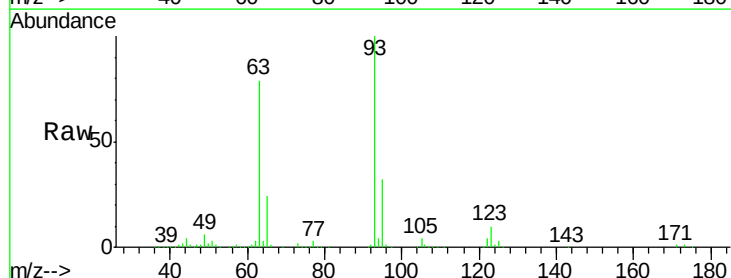
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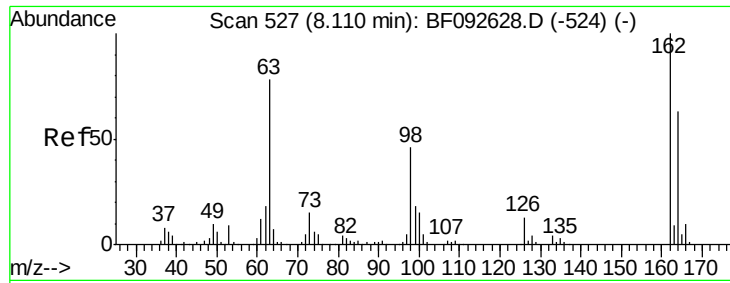
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.72 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	9.8	8.6	13.0





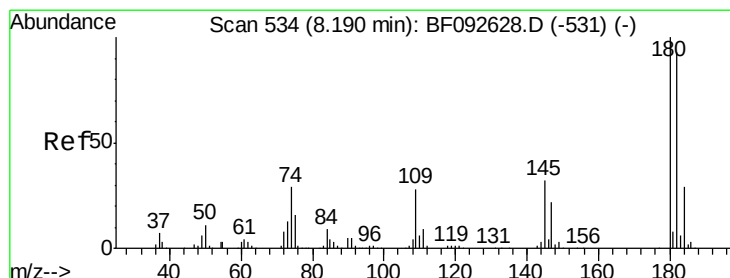
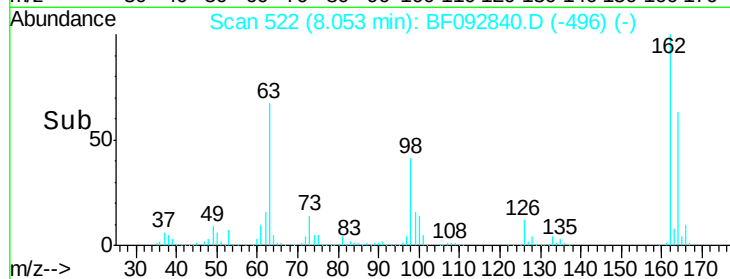
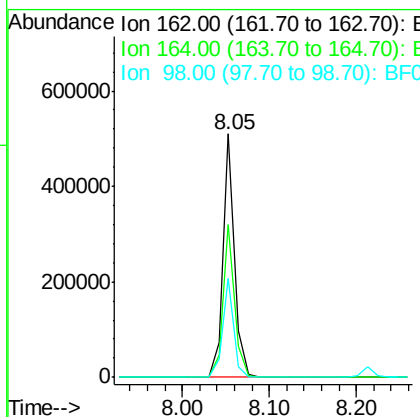
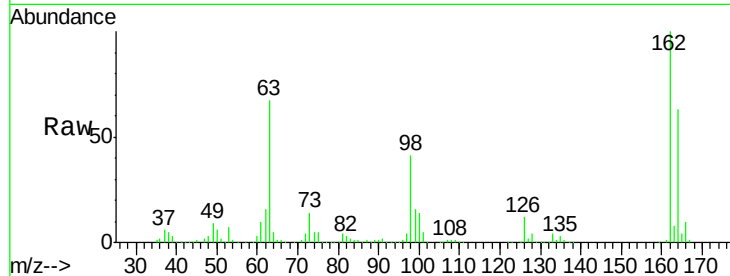
#29
 2,4-Dichlorophenol
 Concen: 49.86 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	476090		
164	62.8	46.8	86.8	
98	40.8	9.1	49.1	

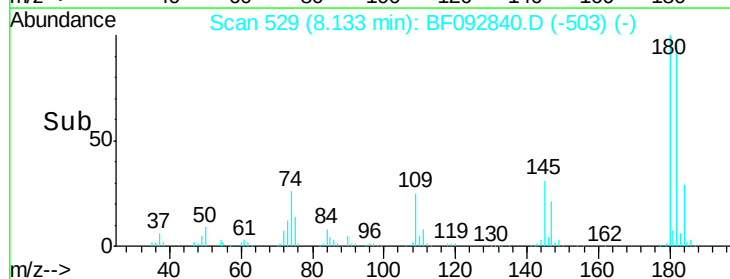
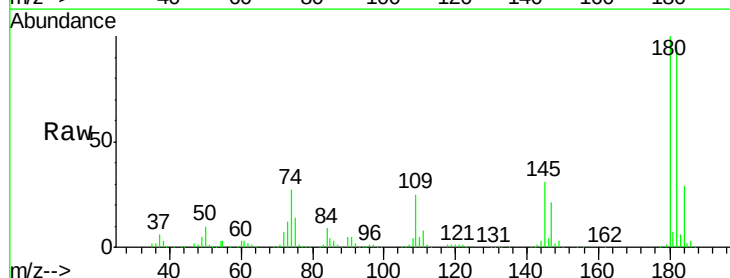
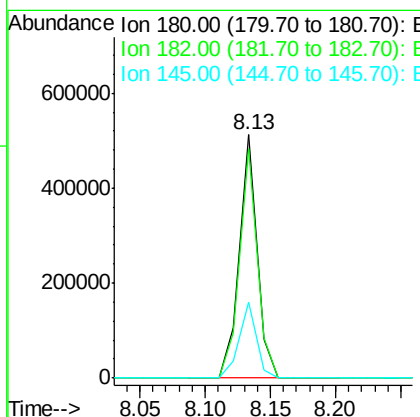
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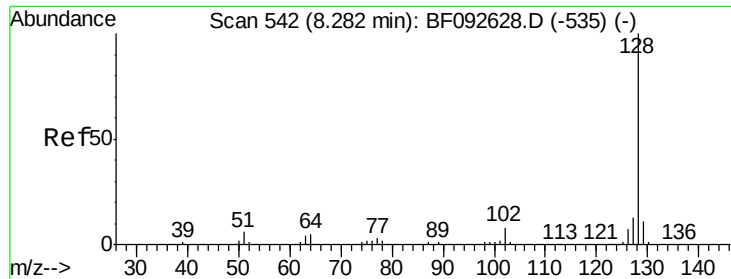
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.77 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	481305		
182	94.5	78.2	117.4	
145	31.1	21.6	32.4	





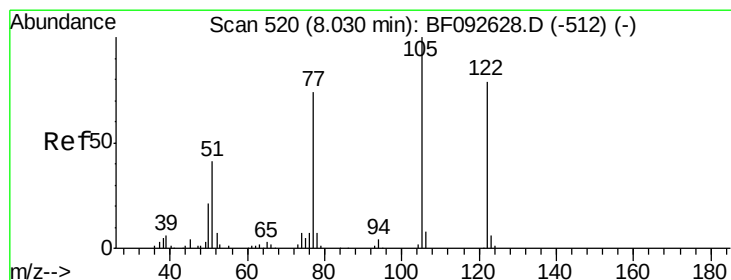
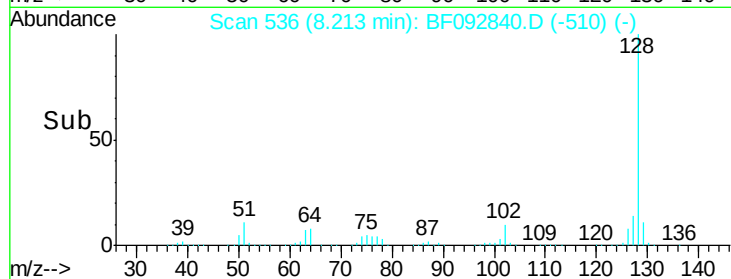
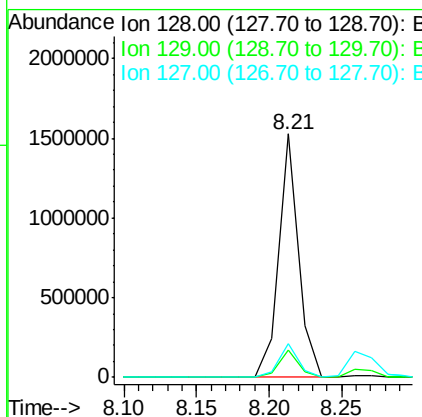
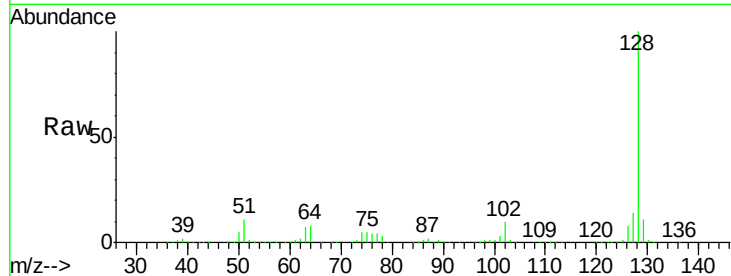
#31
Naphthalene
Concen: 42.81 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion:128 Resp: 1443538
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 10.8 16.2

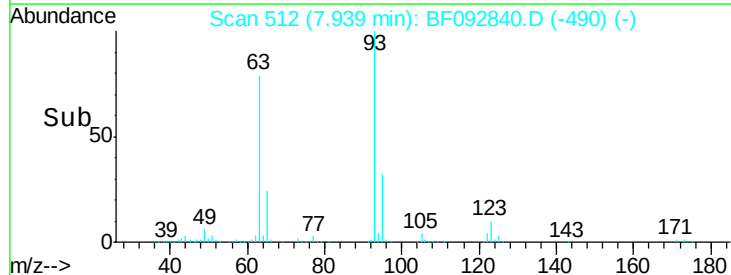
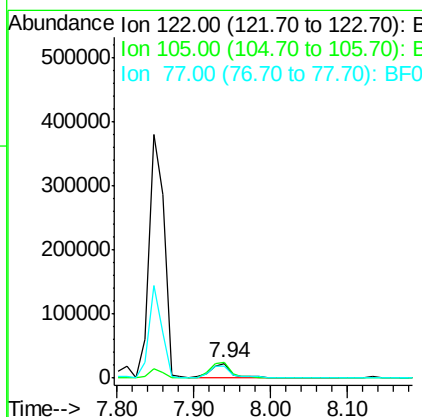
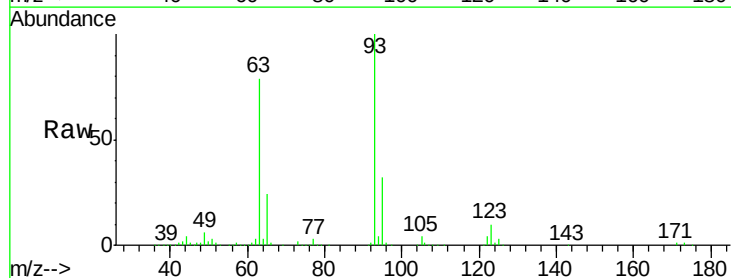
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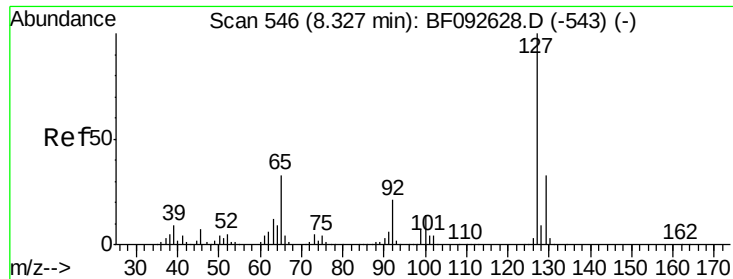
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#32
Benzoic acid
Concen: 13.66 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion:122 Resp: 44256
Ion Ratio Lower Upper
122 100
105 111.9 107.2 147.2
77 85.1 74.5 114.5





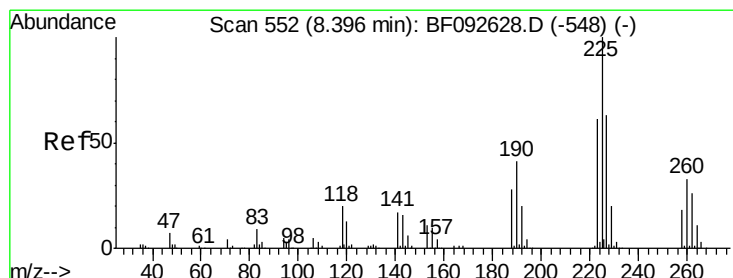
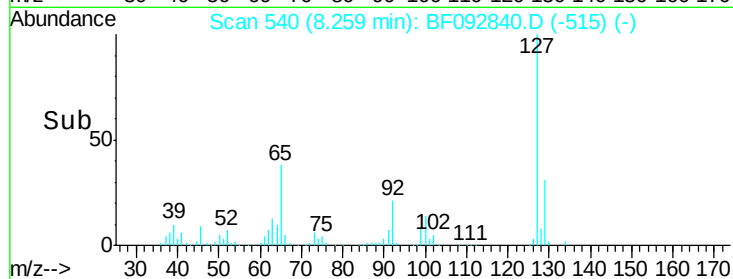
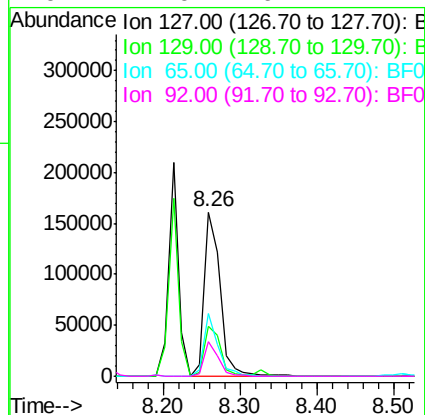
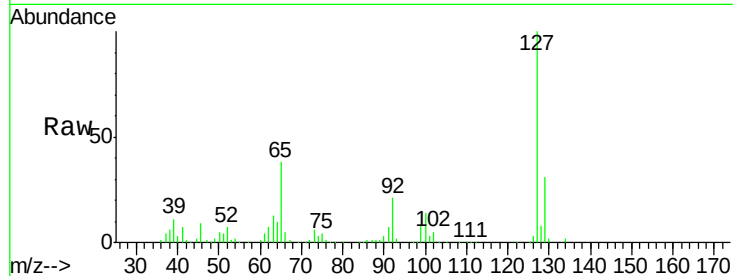
#33
4-Chloroaniline
Concen: 17.34 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		229281		
129	30.8	26.3	39.5		
65	38.1	25.8	38.8		
92	21.0	16.1	24.1		

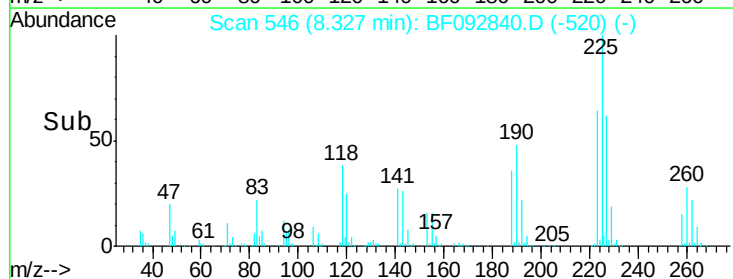
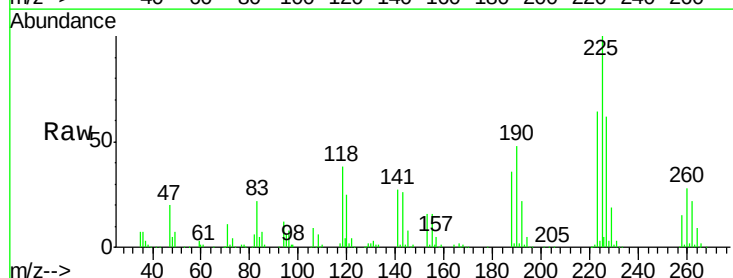
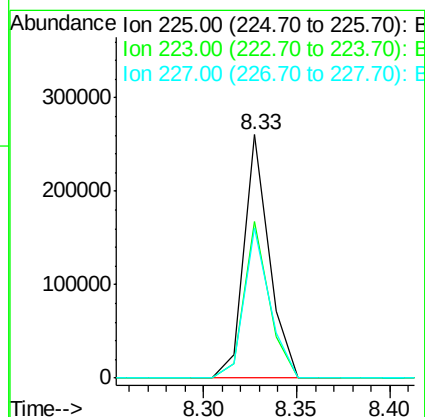
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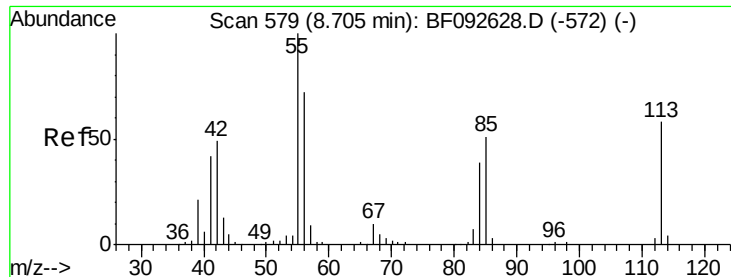
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#34
Hexachlorobutadiene
Concen: 43.51 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		246342		
223	64.4	51.0	76.6		
227	61.8	50.6	76.0		





#35

Caprolactam

Concen: 53.62 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF092840.D

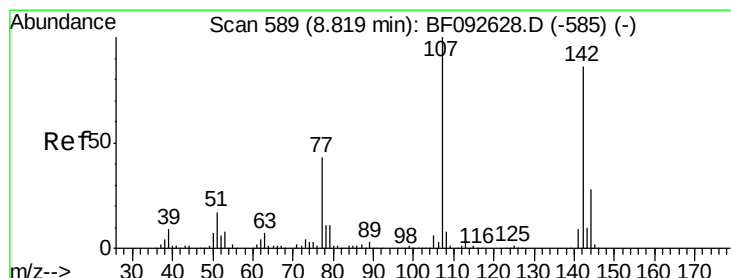
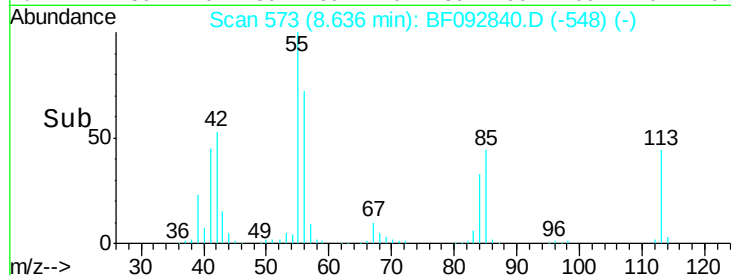
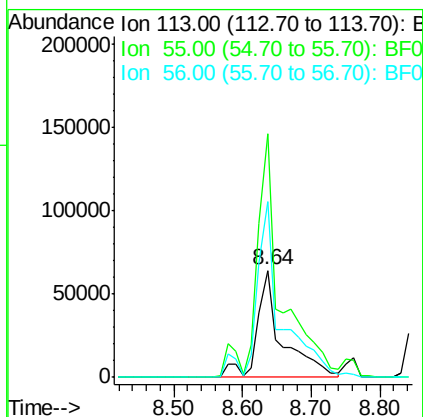
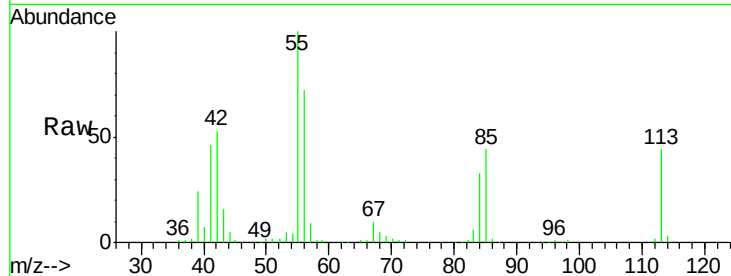
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.2	119.2	159.2#
56	163.4	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 54.19 ng

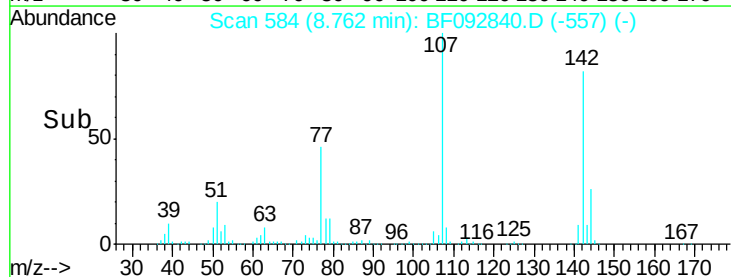
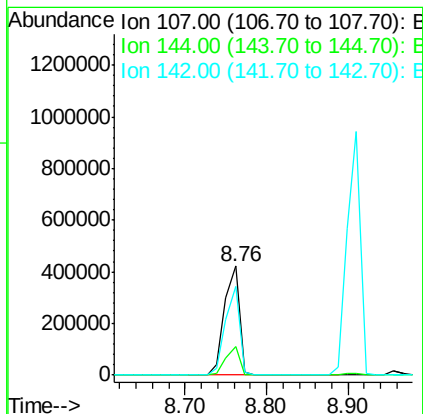
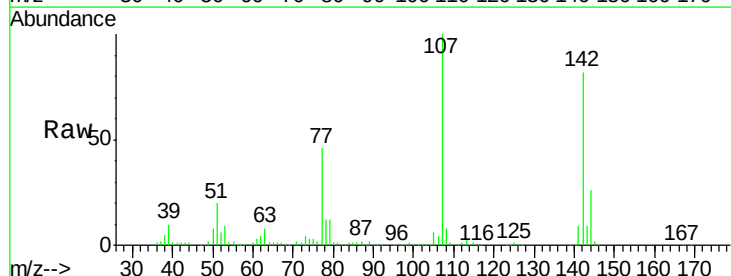
RT: 8.76 min Scan# 584

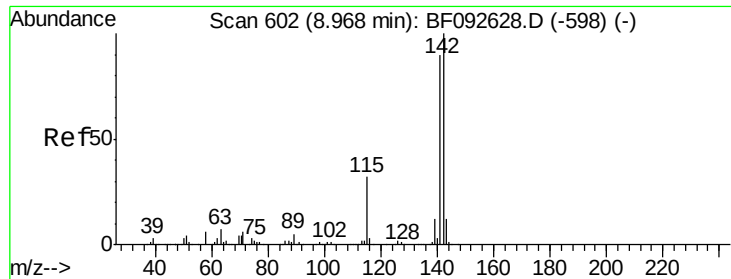
Delta R.T. 0.01 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.3	28.9
142	81.9	59.0	88.6





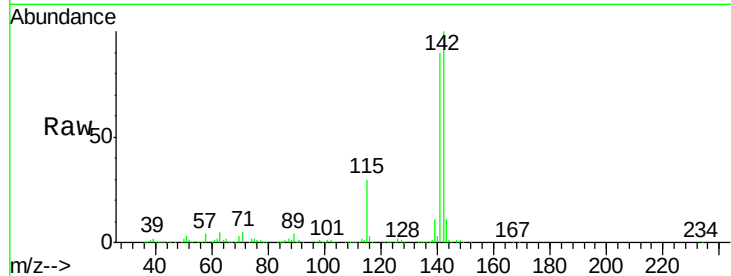
#37
2-Methylnaphthalene
Concen: 49.25 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	30.3	28.3	42.5

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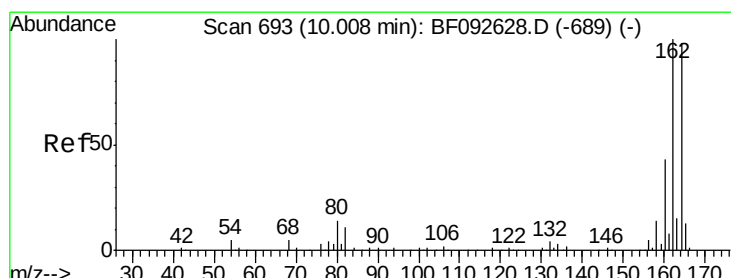
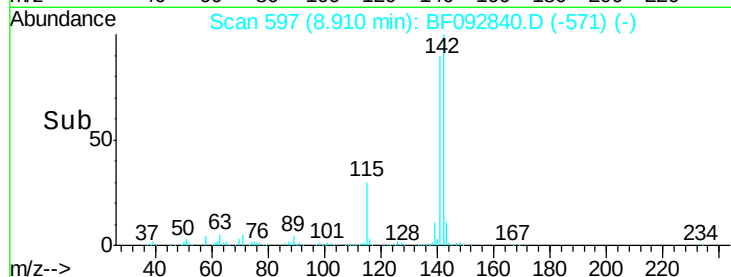
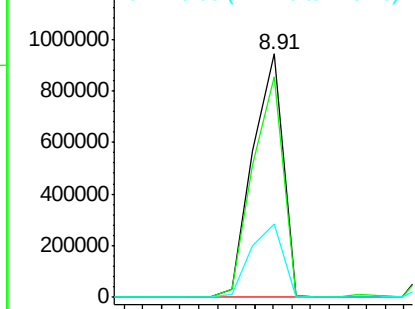


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

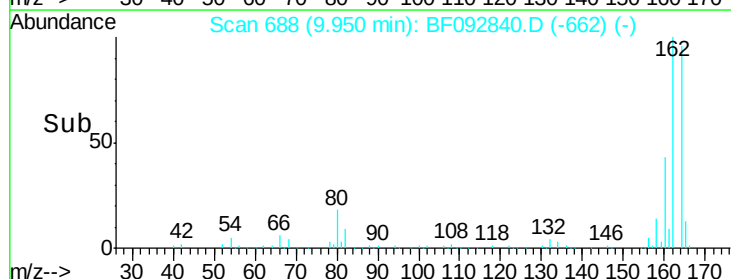
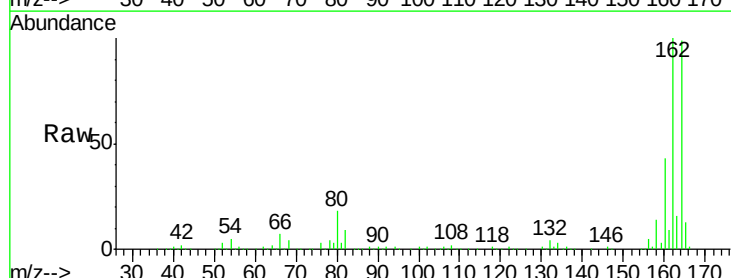
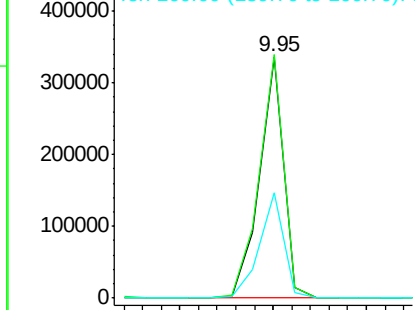
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	43.5	36.9	55.3

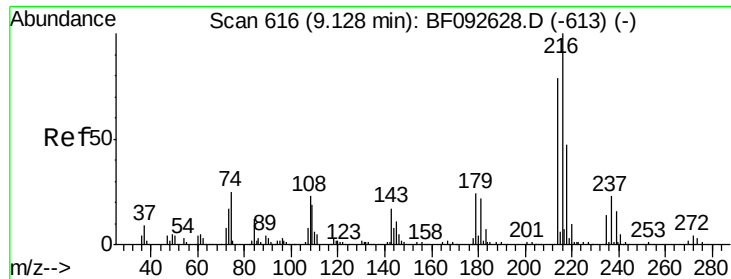
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





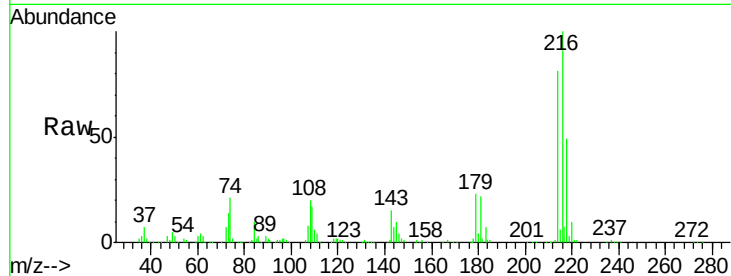
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.12 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

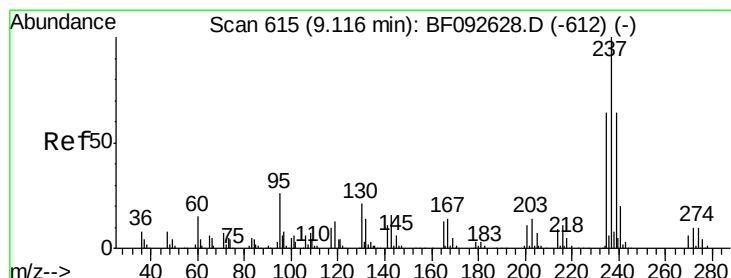
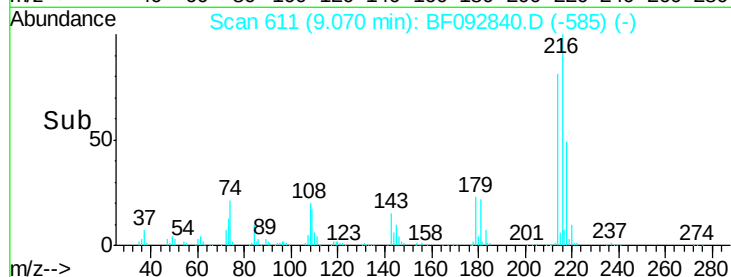
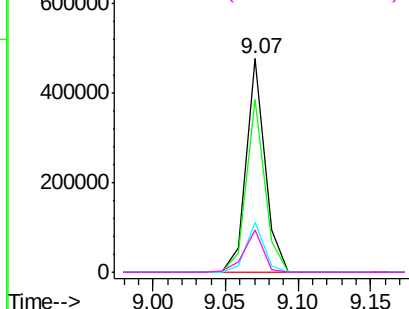
Tot Ion:	216	Resp:	429717
Ion Ratio		Lower	Upper
216	100		
214	79.9	63.4	95.0
179	22.0	17.4	26.2
108	20.2	15.6	23.4

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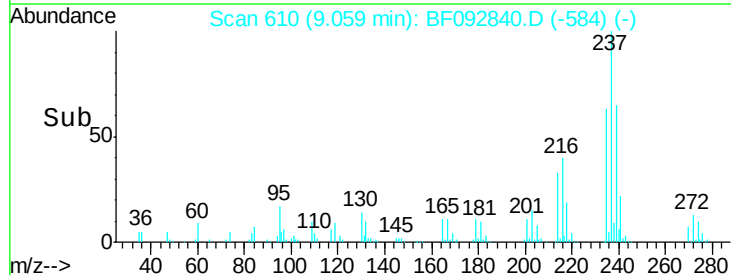
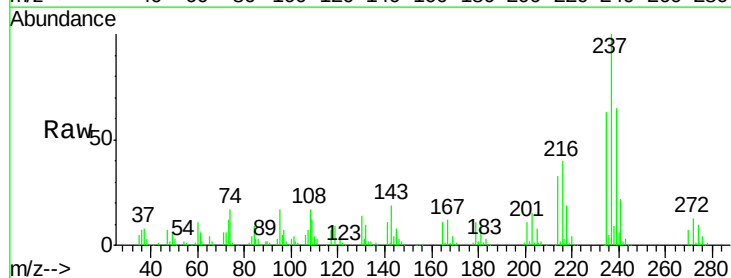
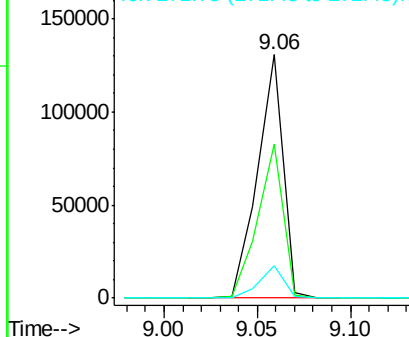
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

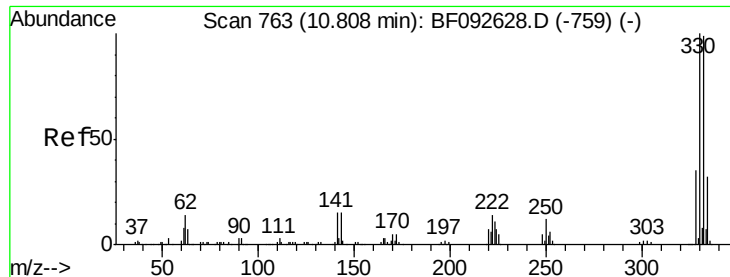


#40
 Hexachlorocyclopentadiene
 Concen: 32.59 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:	237	Resp:	126068
Ion Ratio		Lower	Upper
237	100		
235	63.0	41.2	81.2
272	13.2	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





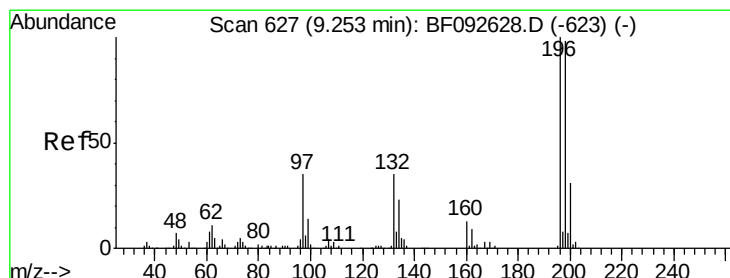
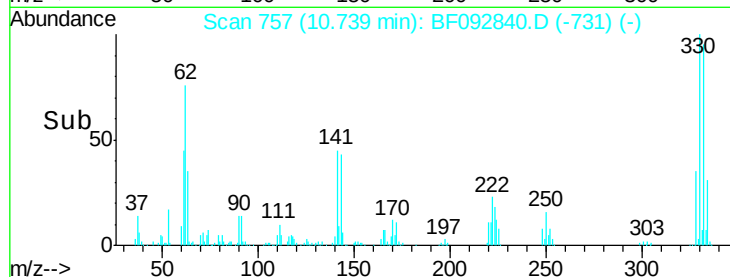
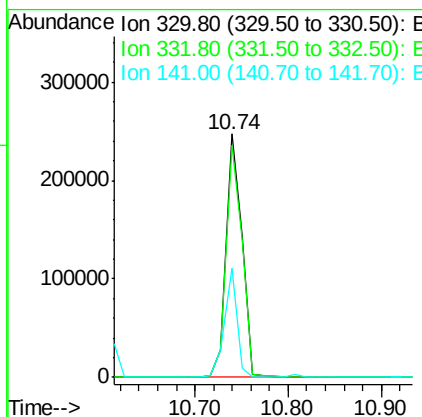
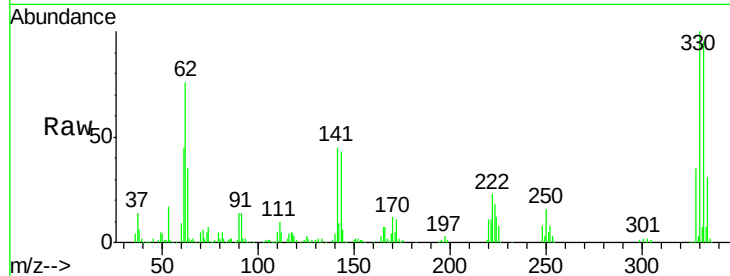
#41
 2,4,6-Tribromophenol
 Concen: 132.54 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	292816		
332	96.3		77.4	116.2
141	35.7		34.1	51.1

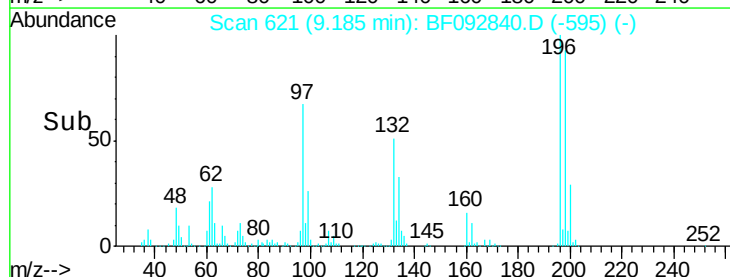
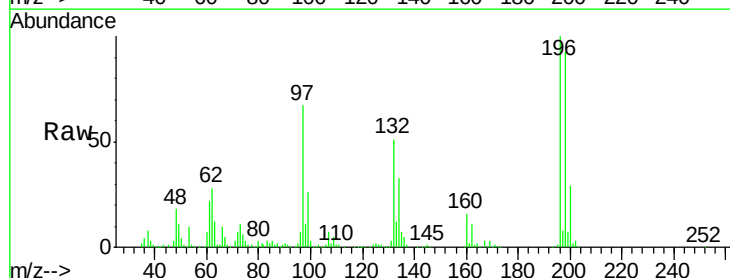
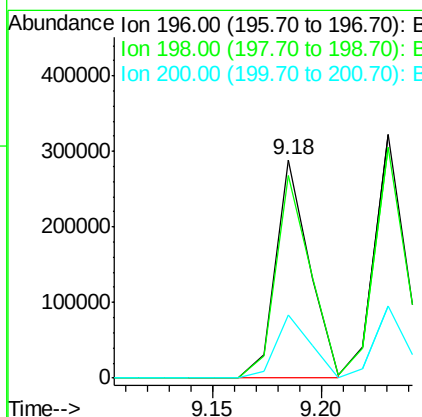
Manual Integrations
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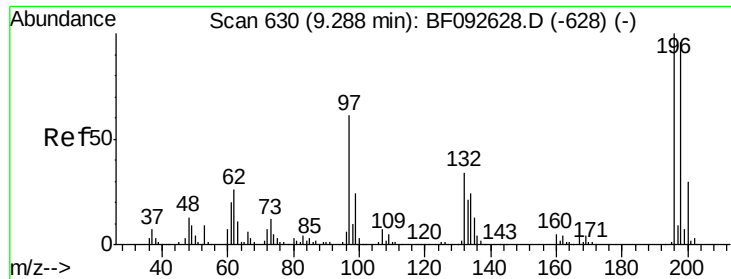
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#42
 2,4,6-Trichlorophenol
 Concen: 55.46 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312497		
198	92.9		82.1	123.1
200	28.9		27.0	40.4





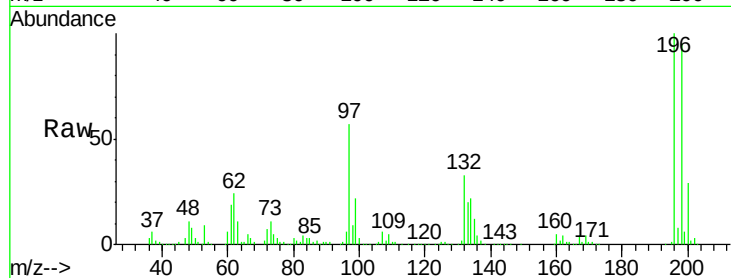
#43
 2,4,5-Trichlorophenol
 Concen: 52.22 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

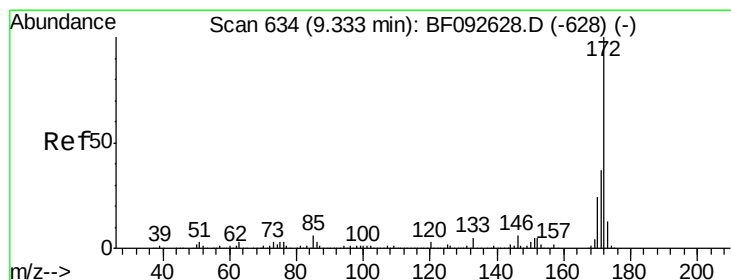
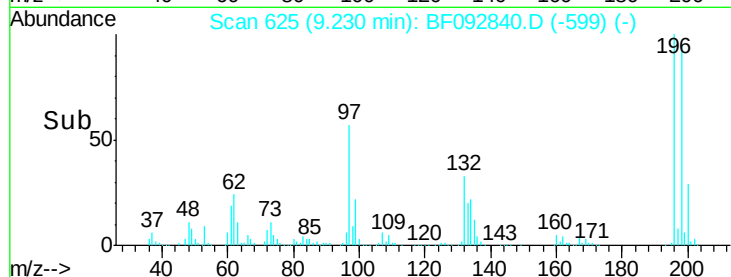
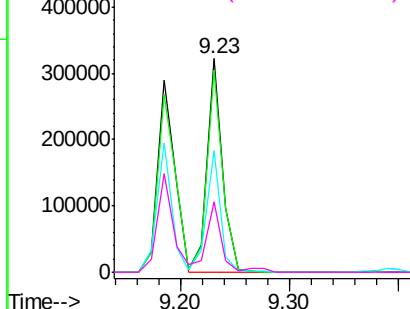
Tot Ion:	196	Resp:	322377
Ion Ratio		Lower	Upper
196	100		
198	94.7	79.4	119.2
97	57.2	51.5	77.3
132	32.8	27.4	41.2

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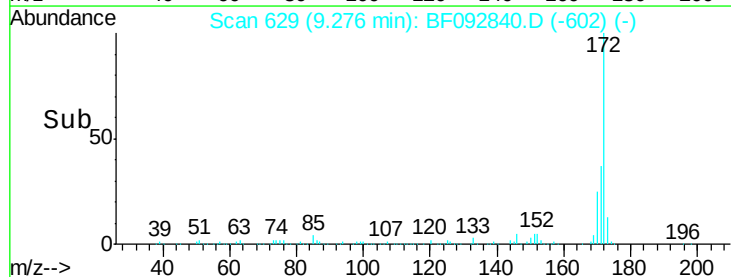
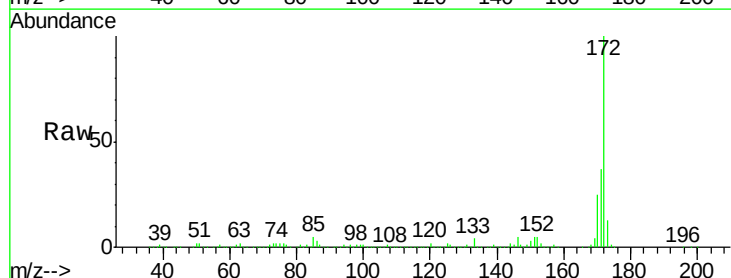
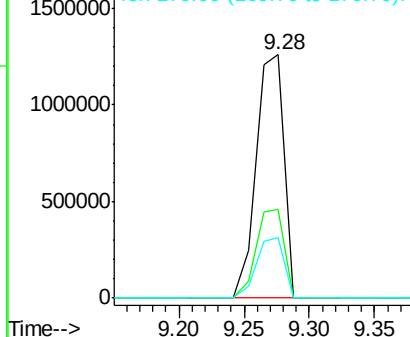
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

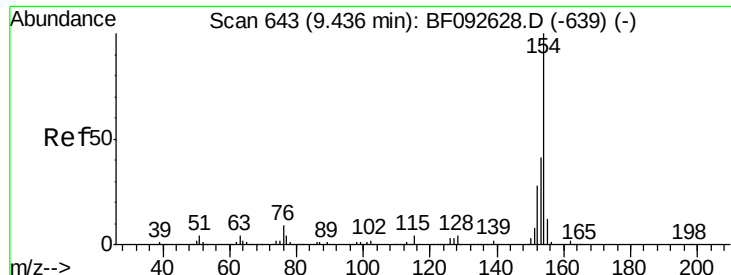


#44
 2-Fluorobiphenyl
 Concen: 111.09 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:	172	Resp:	1873126
Ion Ratio		Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.8	20.2	30.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





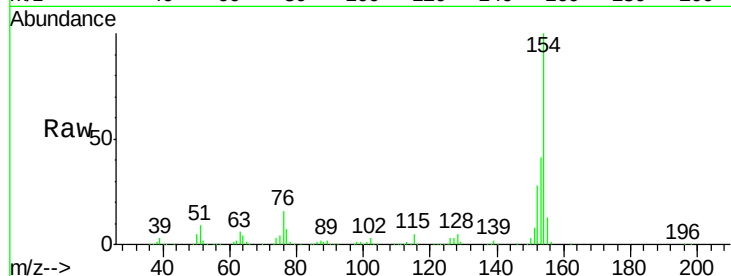
#45
1,1'-Biphenyl
Concen: 44.79 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

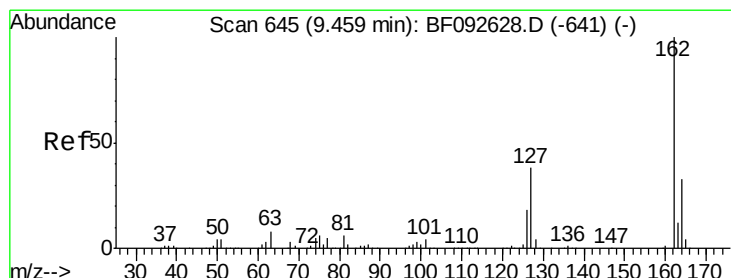
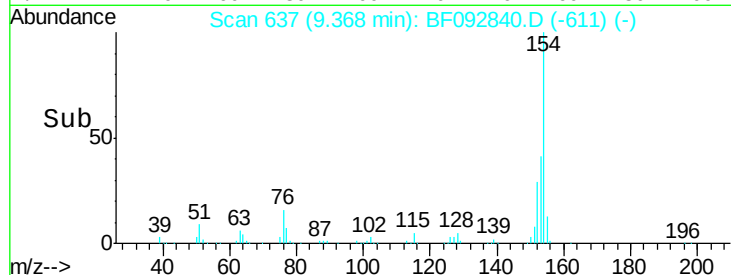
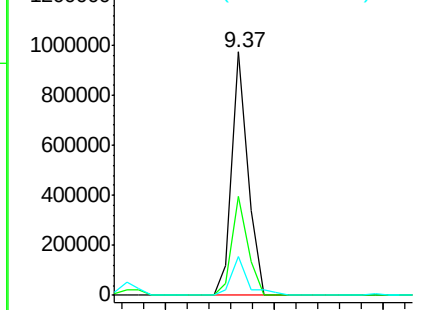
Tot Ion	Ratio	Resp	Lower	Upper
154	100	990657		
153	40.8	20.9	60.9	
76	15.8	0.0	30.5	

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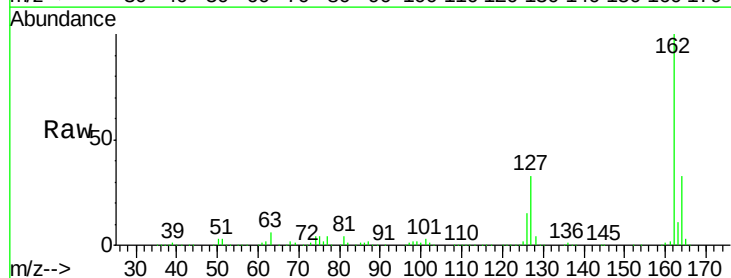


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

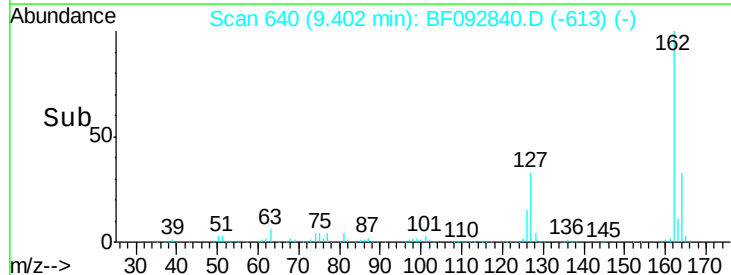
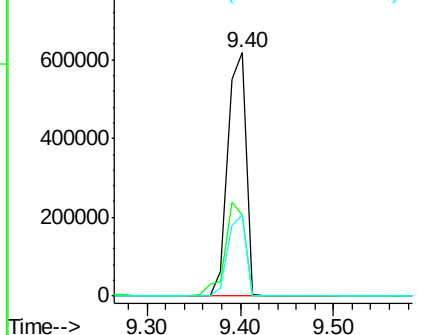


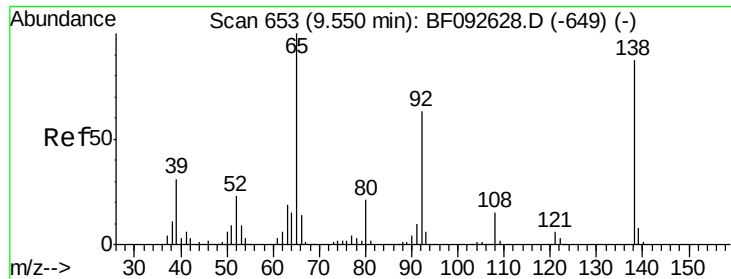
#46
2-Chloronaphthalene
Concen: 49.09 ng
RT: 9.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	849441		
127	33.1	30.7	46.1	
164	33.4	27.6	41.4	



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





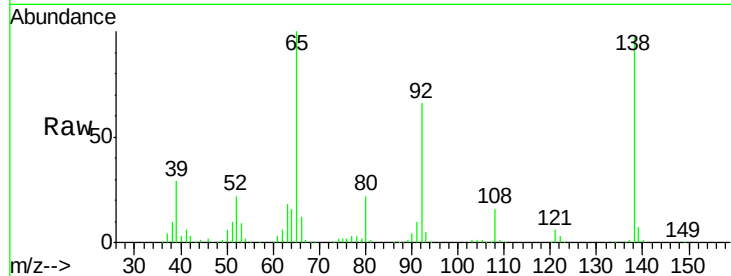
#47
2-Nitroaniline
Concen: 46.33 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
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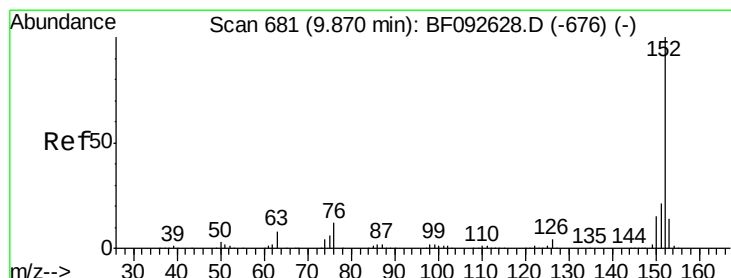
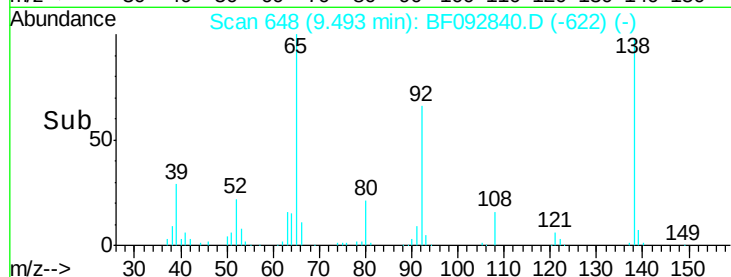
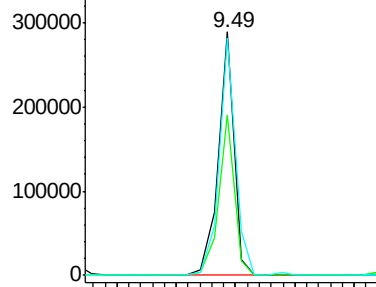
Tot Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.9	80.9
138	97.3	76.8	115.2

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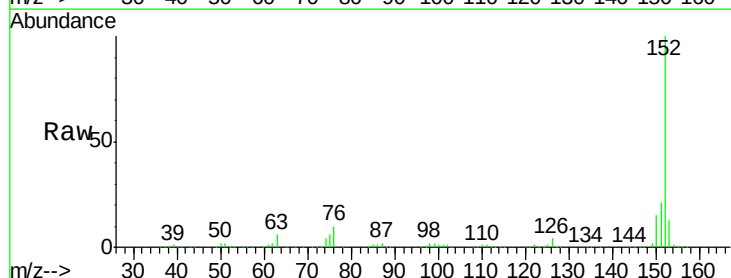


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

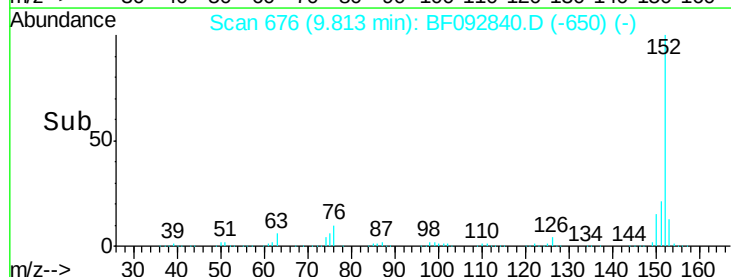
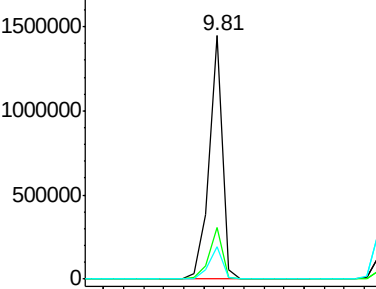


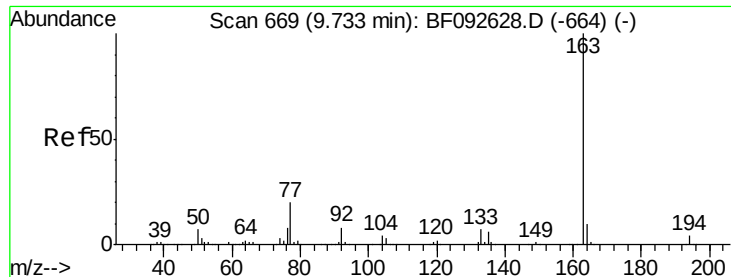
#48
Acenaphthylene
Concen: 44.24 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.4	11.4	17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





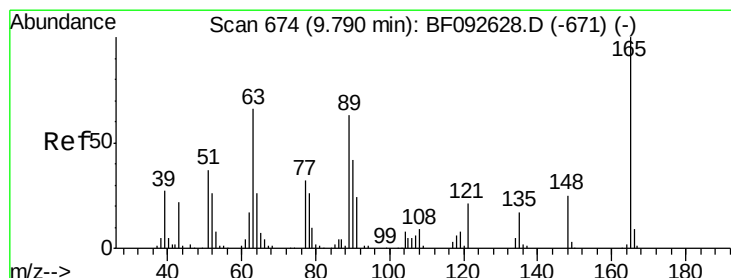
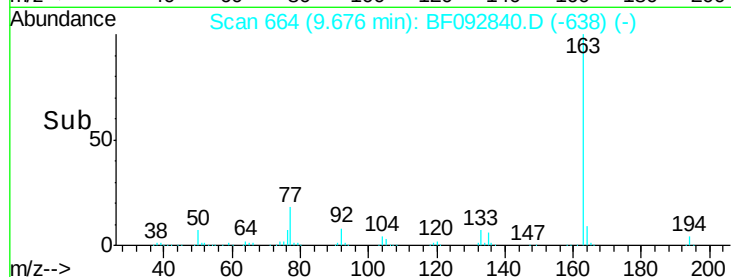
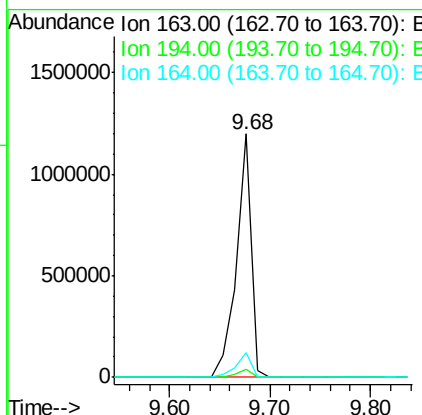
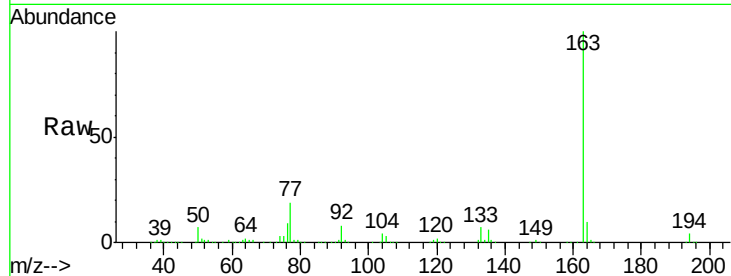
#49
Dimethylphthalate
Concen: 59.45 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.2	8.0	12.0

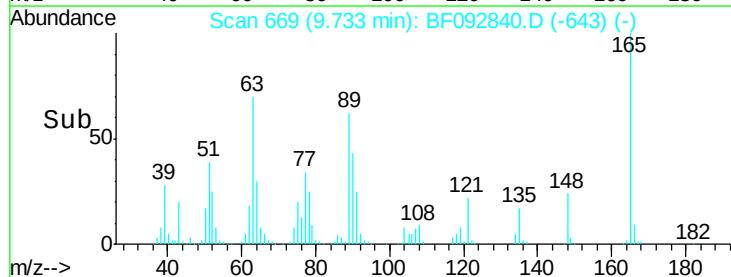
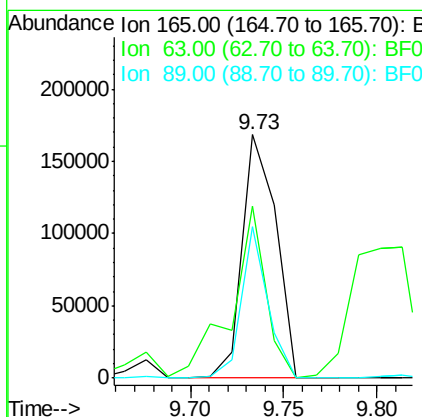
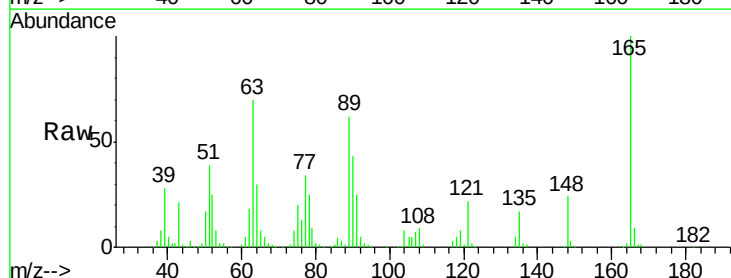
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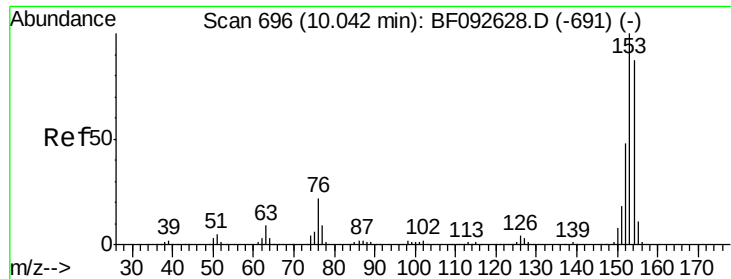
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#50
2,6-Dinitrotoluene
Concen: 47.53 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	70.4	36.2	54.4#
89	62.1	40.2	60.4#





#51

Acenaphthene

Concen: 45.16 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

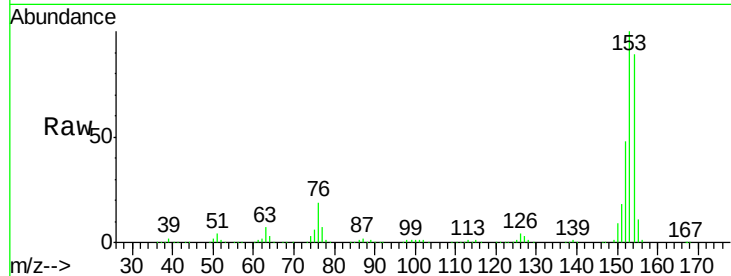
ClientSampleId :

ROLL-OFF-1615-COMPMS

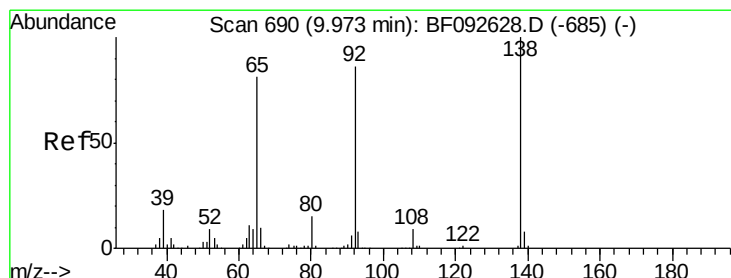
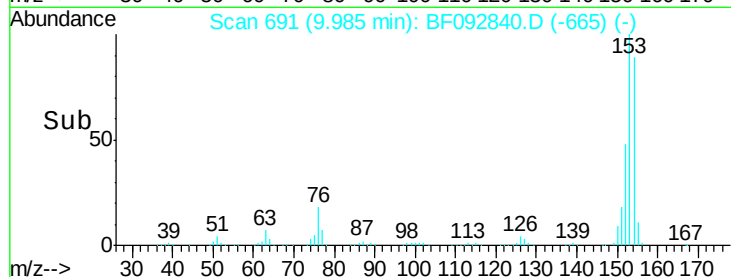
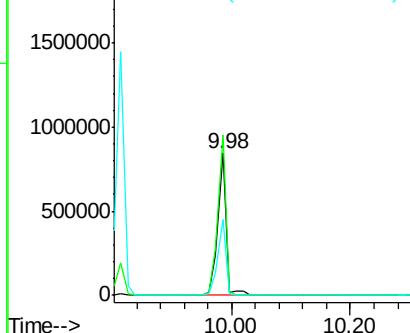
Tot Ion:	154	Resp:	807056
Ion Ratio	Lower	Upper	
154	100		
153	112.9	88.6	133.0
152	53.7	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.12 ng

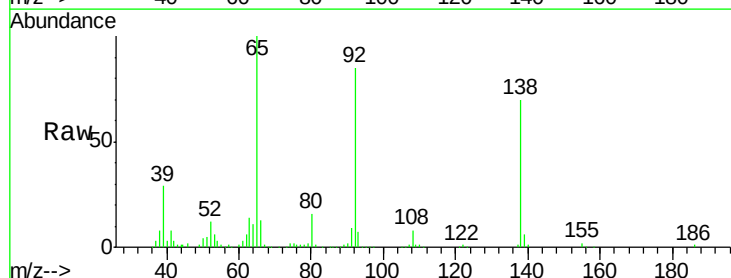
RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

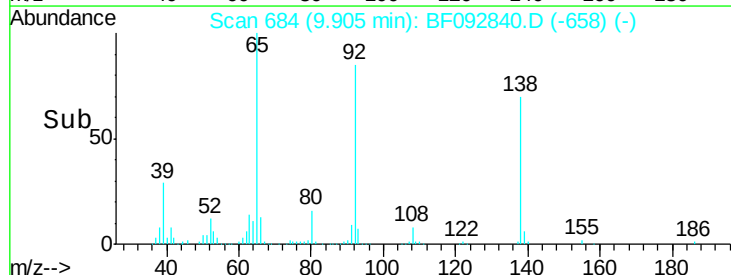
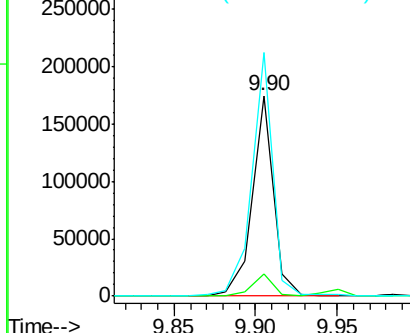
Lab File: BF092840.D

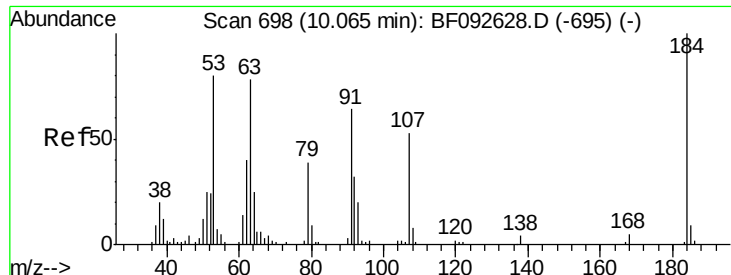
Acq: 7 Feb 2017 20:45

Tgt Ion:	138	Resp:	158226
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.5	12.7
92	121.6	97.8	146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





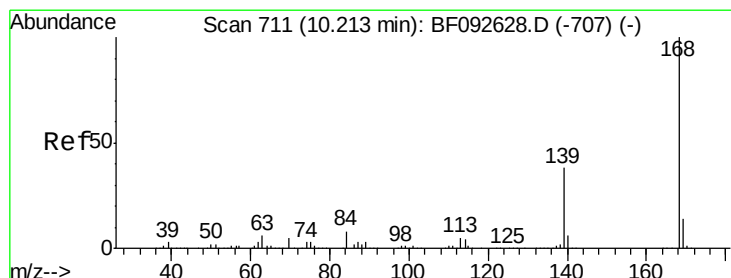
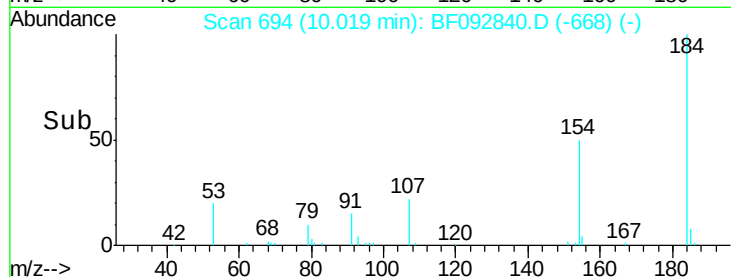
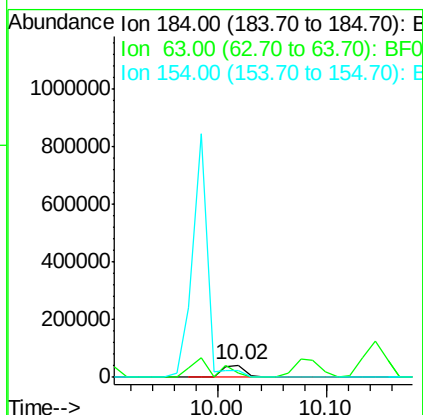
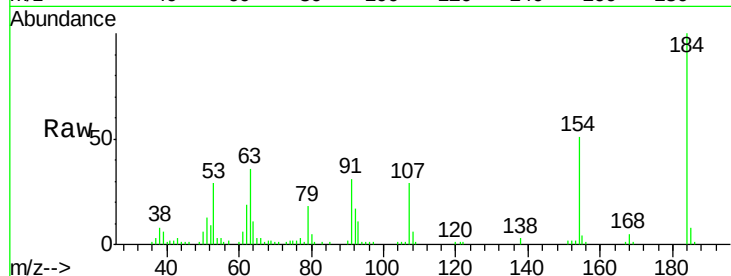
#53
 2,4-Dinitrophenol
 Concen: 30.44 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	36.2	28.4	42.6
154	51.0	44.3	66.5

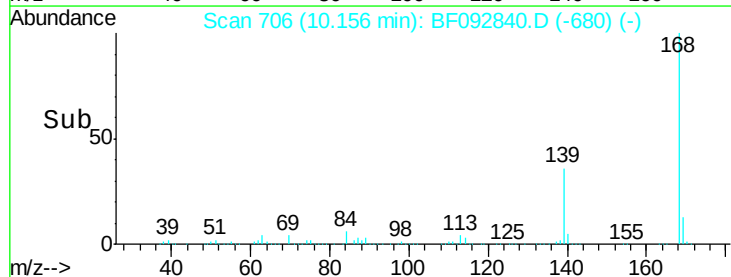
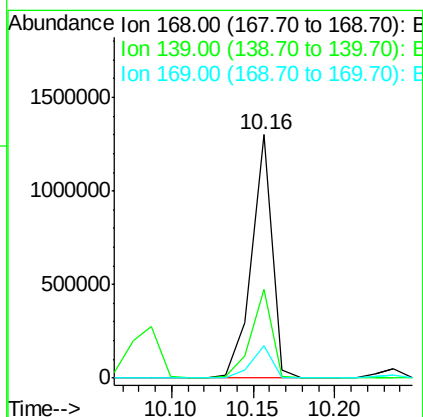
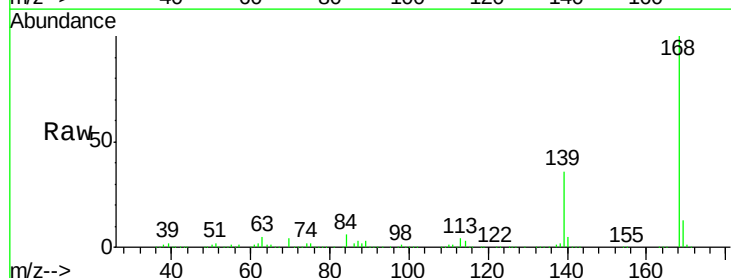
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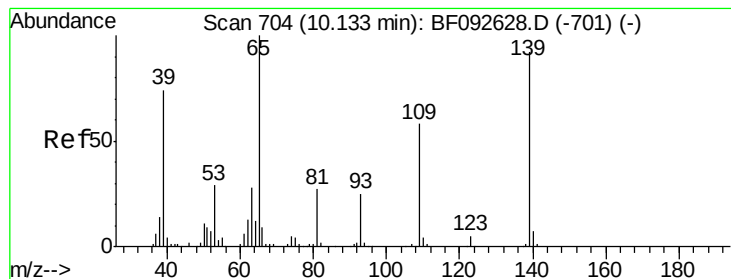
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#54
 Dibenzofuran
 Concen: 47.76 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	32.6	49.0
169	13.4	11.3	16.9





#55

4-Nitrophenol

Concen: 98.07 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion:139 Resp: 359192

Ion Ratio Lower Upper

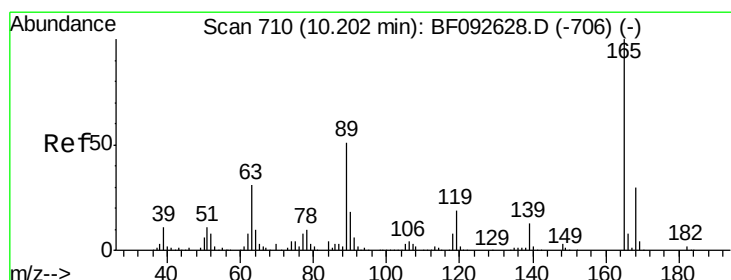
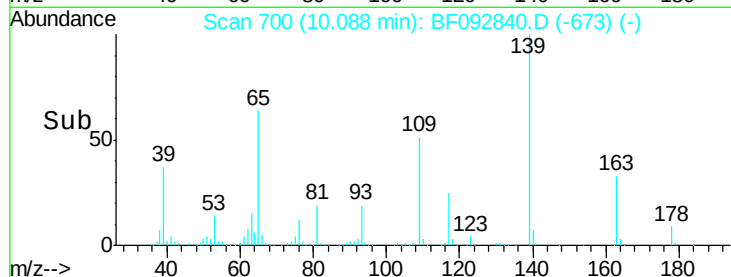
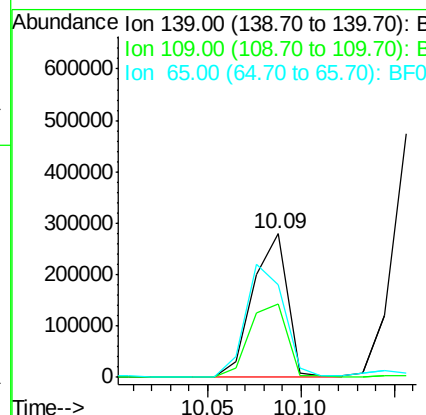
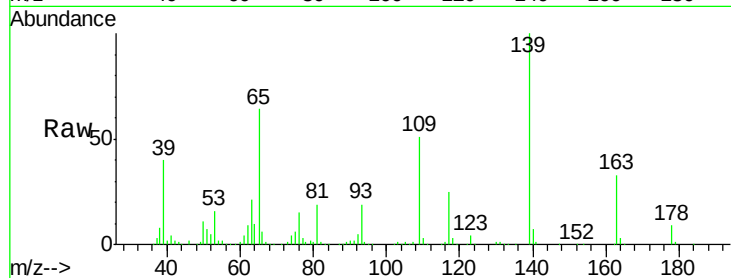
139 100

109 51.0 52.2 92.2#

65 64.3 85.8 125.8#

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#56

2,4-Dinitrotoluene

Concen: 51.86 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:165 Resp: 306779

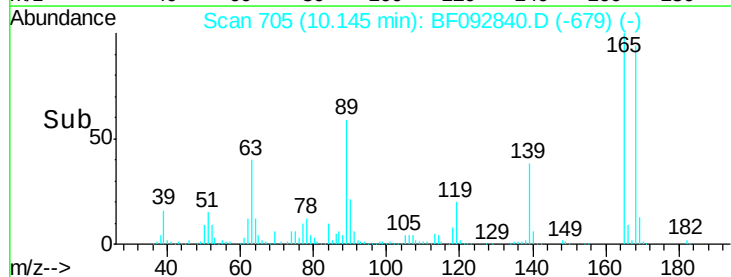
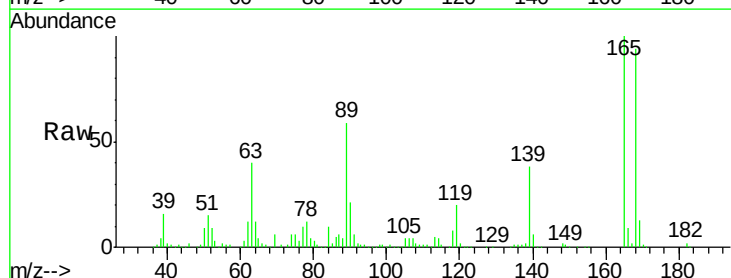
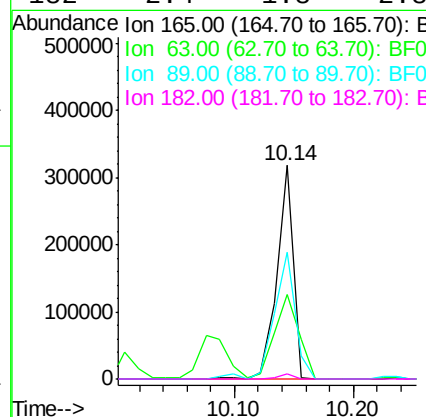
Ion Ratio Lower Upper

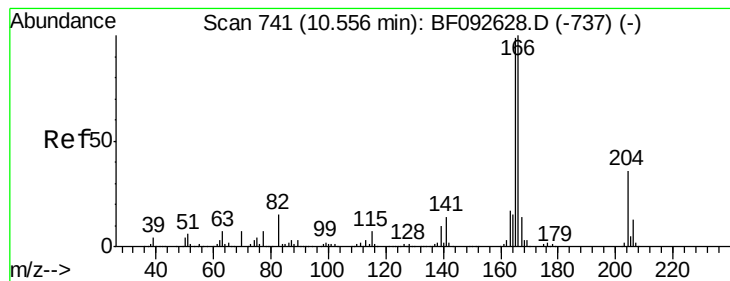
165 100

63 39.9 40.2 60.4#

89 59.1 62.5 93.7#

182 2.4 1.8 2.8





#57

Fluorene

Concen: 47.07 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

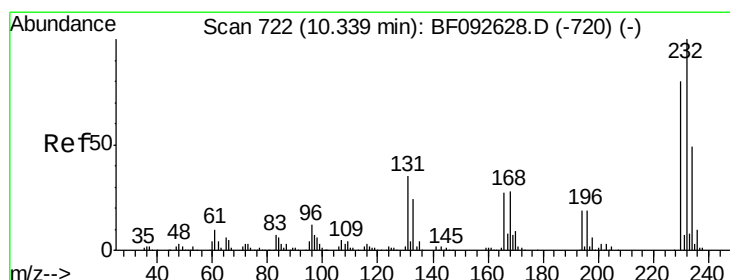
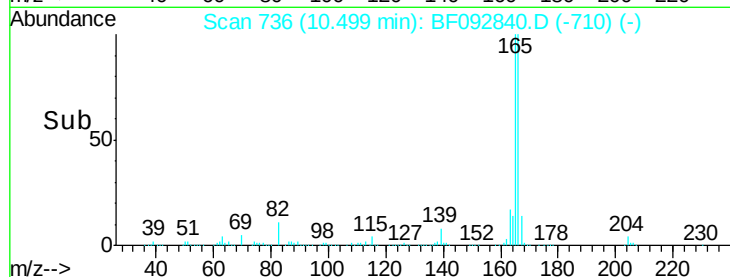
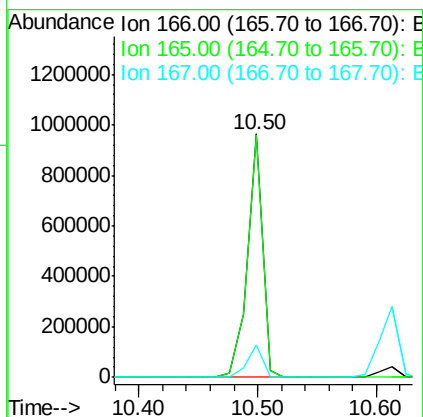
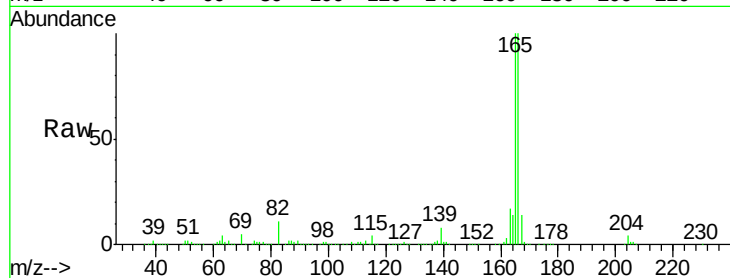
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion:	166	Resp:	865633
Ion Ratio	Lower	Upper	
166	100		
165	99.8	77.8	116.8
167	13.5	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.60 ng

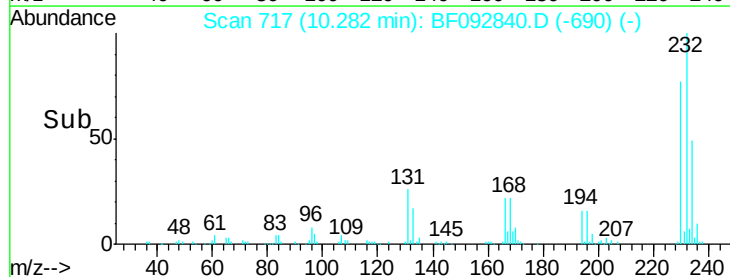
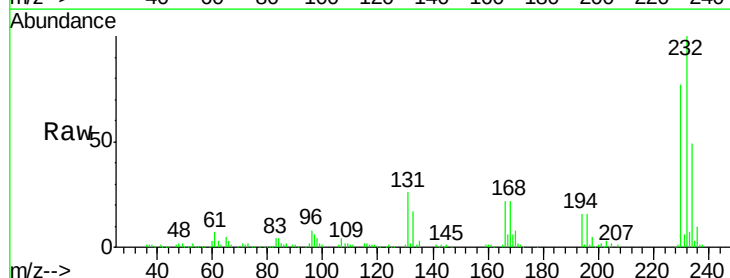
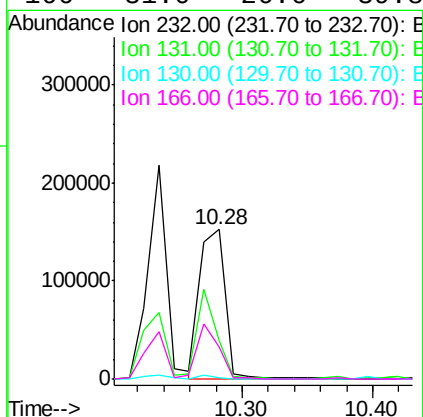
RT: 10.28 min Scan# 717

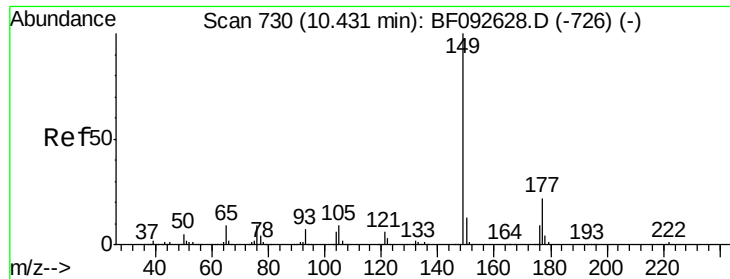
Delta R.T. 0.01 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:	232	Resp:	208380
Ion Ratio	Lower	Upper	
232	100		
131	45.5	40.1	60.1
130	2.1	1.8	2.8
166	31.0	26.6	39.8





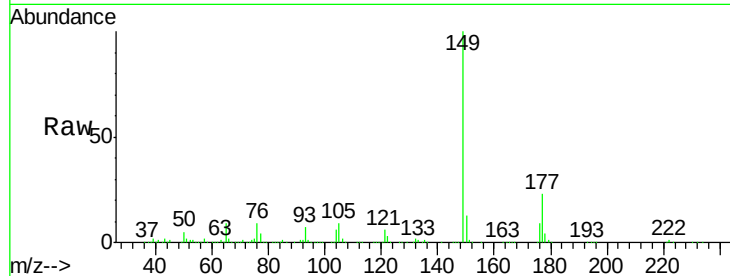
#59
Diethylphthalate
Concen: 51.50 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

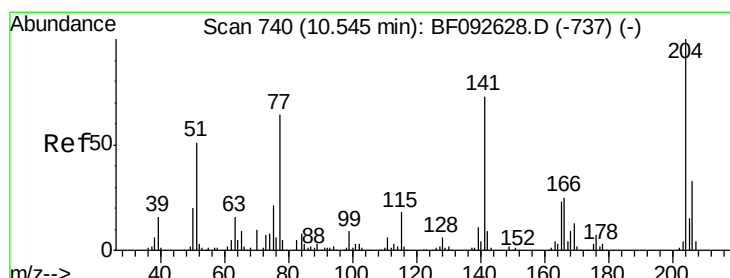
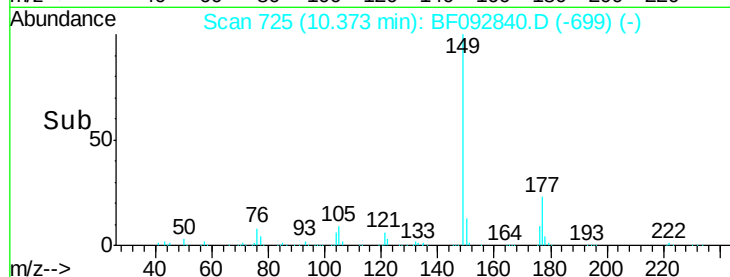
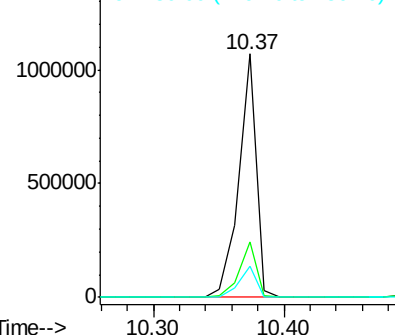
Tot Ion	Ratio	Resp	Lower	Upper
149	100	998567		
177	22.8	16.6	25.0	
150	12.9	10.4	15.6	

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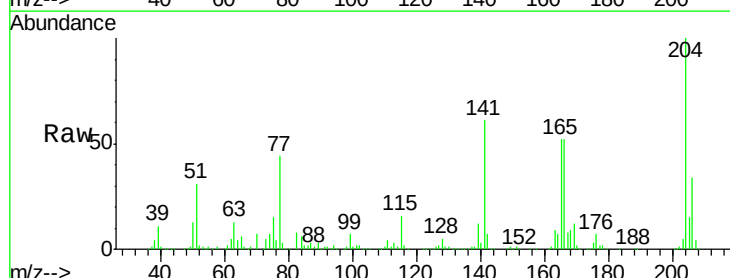


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

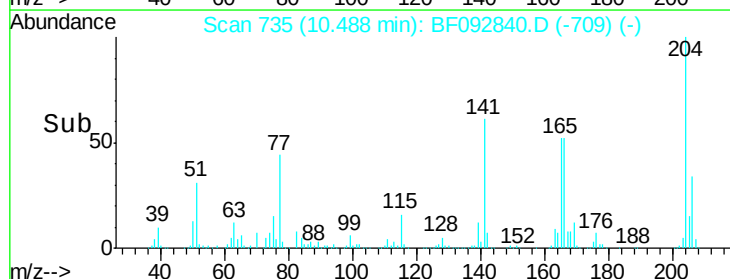
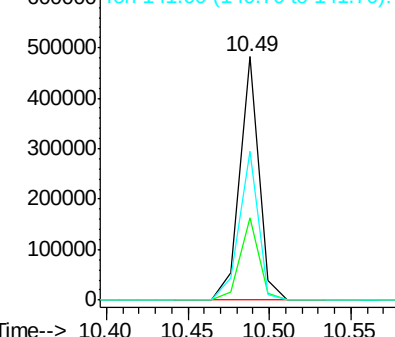


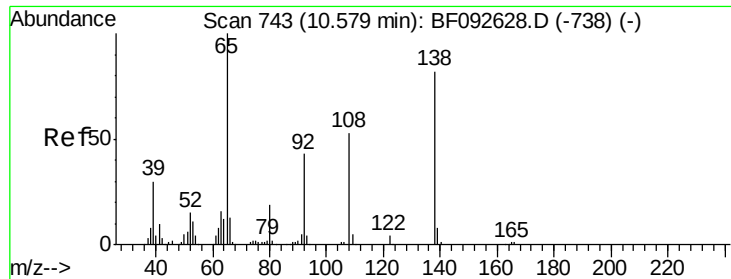
#60
4-Chlorophenyl-phenylether
Concen: 44.74 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	395226		
206	34.0	25.8	38.6	
141	61.2	59.4	89.0	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





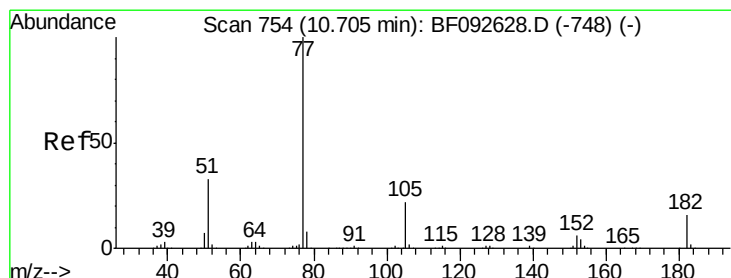
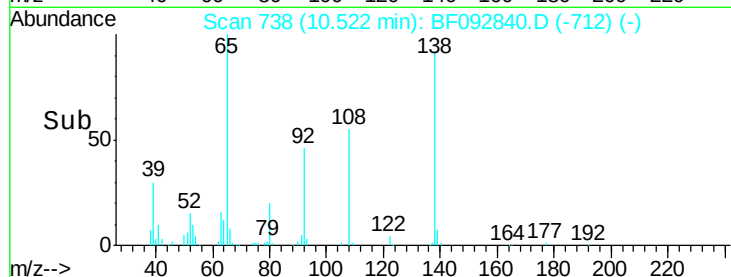
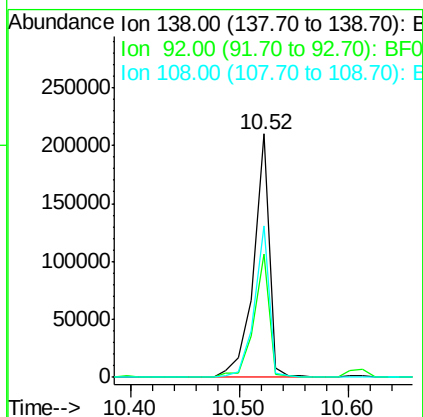
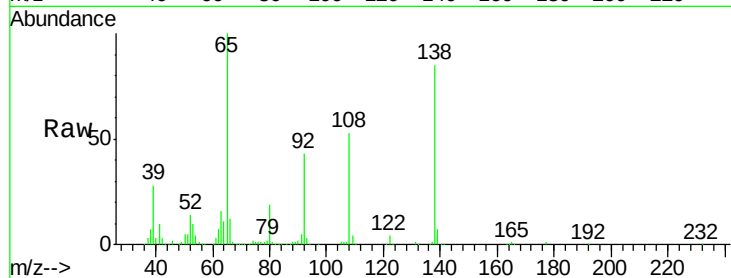
#61
4-Nitroaniline
Concen: 41.20 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	62.0	52.6	92.6

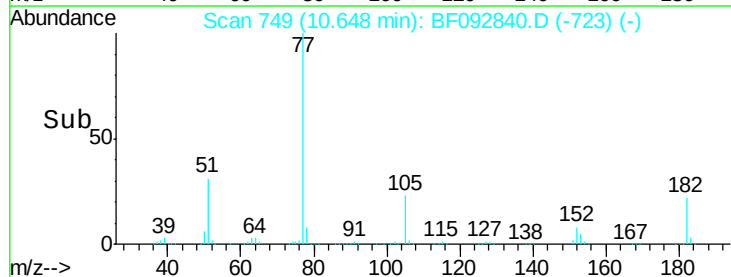
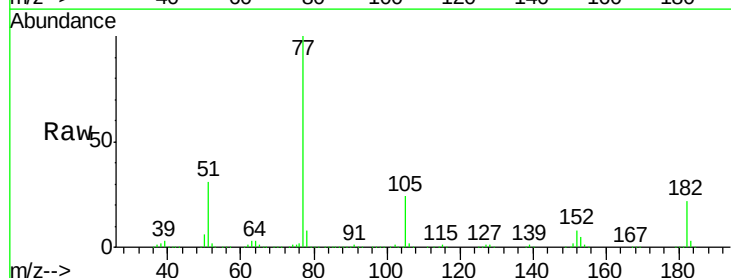
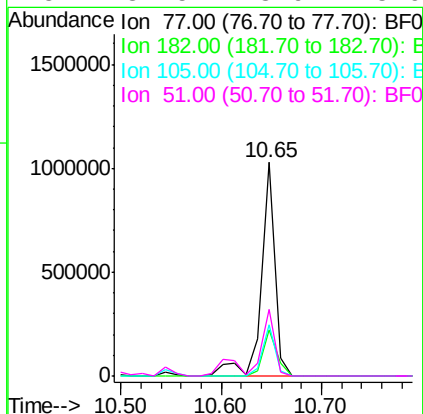
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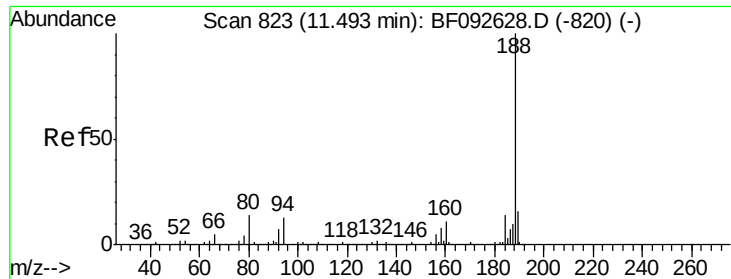
mohammad
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#62
Azobenzene
Concen: 48.70 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	0.0	39.3
105	23.7	2.3	42.3
51	31.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

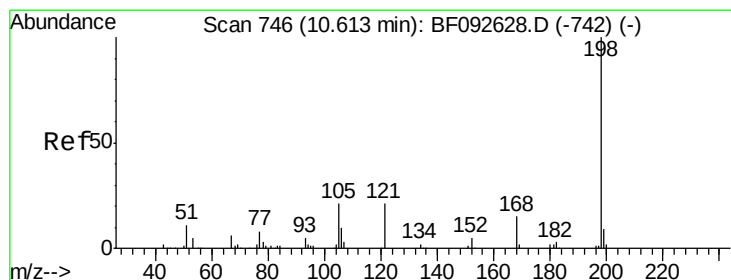
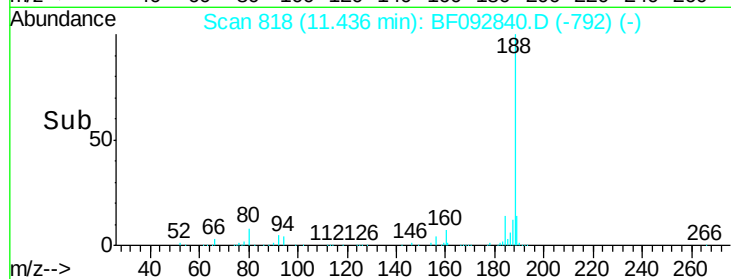
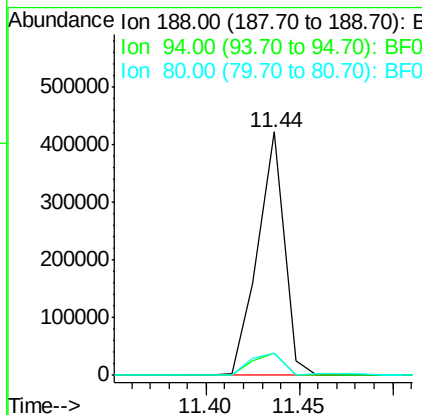
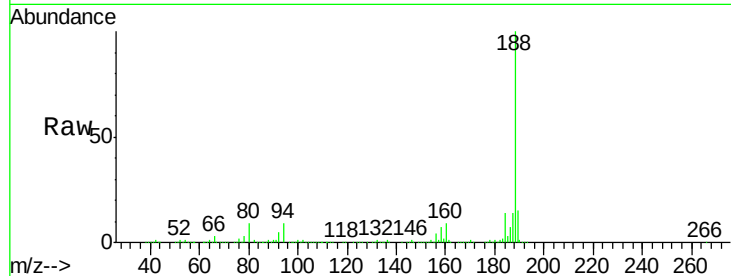
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion:188	Resp:	417889
Ion Ratio	Lower	Upper
188 100		
94 9.0	10.0	15.0#
80 9.0	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 28.61 ng

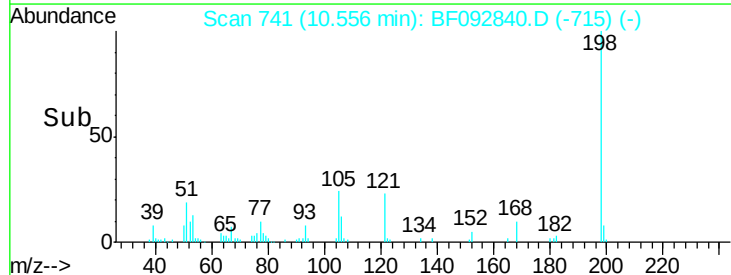
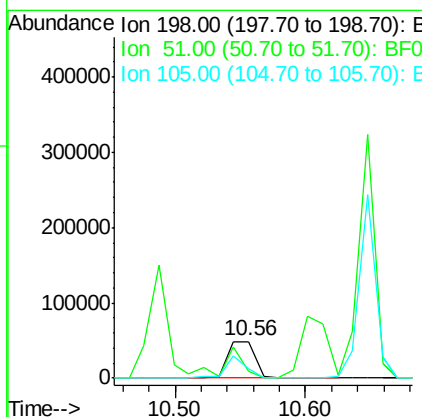
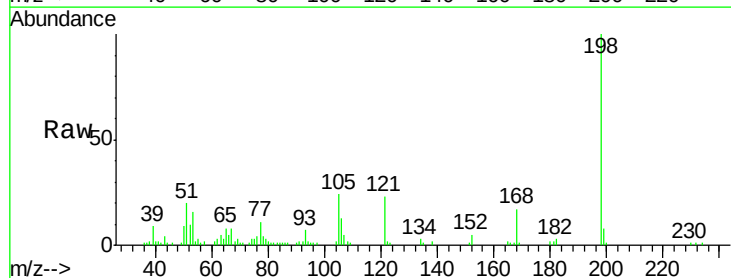
RT: 10.56 min Scan# 741

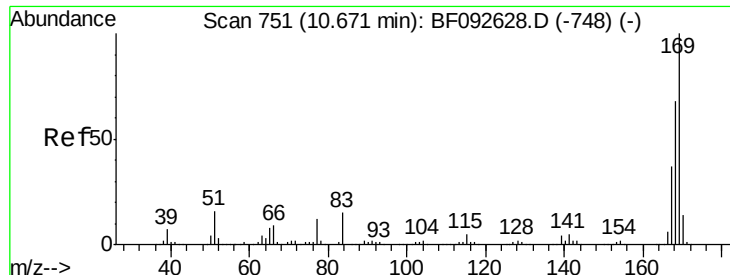
Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion:198	Resp:	69863
Ion Ratio	Lower	Upper
198 100		
51 19.9	6.7	46.7
105 24.2	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 60.60 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

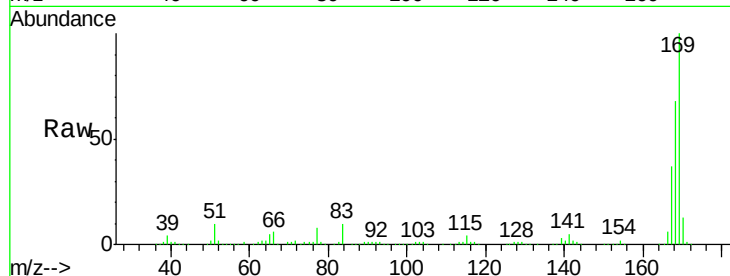
ClientSampleId :

ROLL-OFF-1615-COMPMS

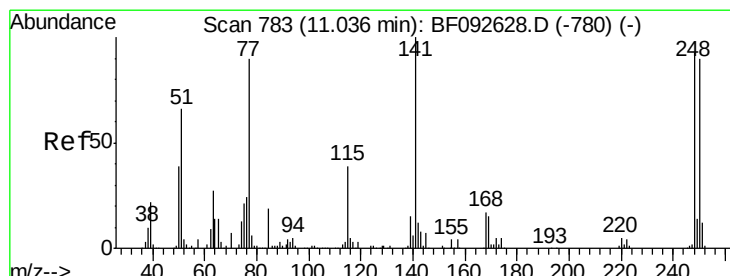
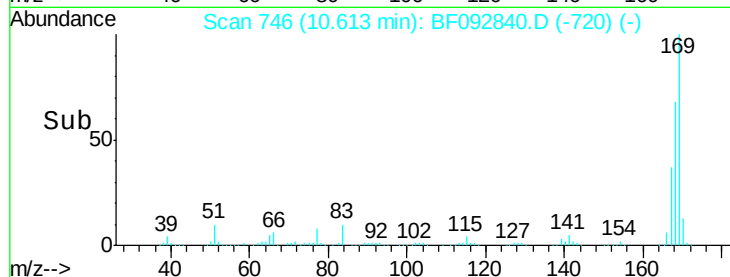
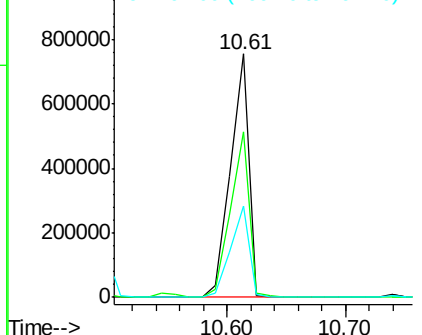
Tot Ion:	169	Resp:	809036
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.2	81.2
167	37.3	30.2	45.4

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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: 53.40 ng

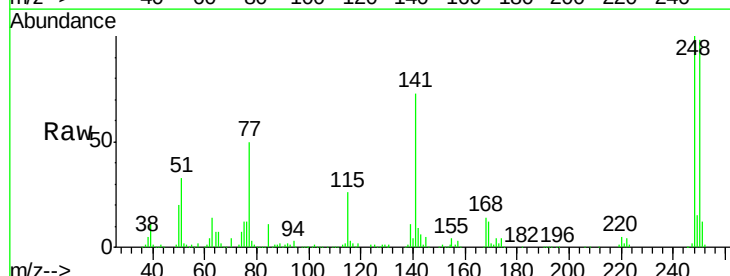
RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

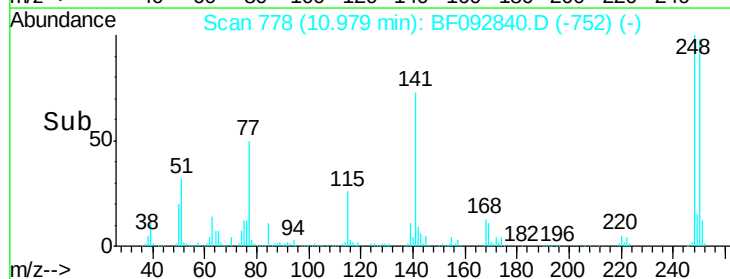
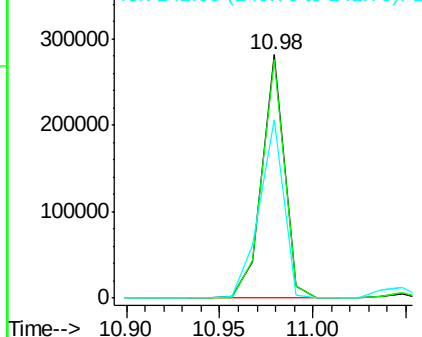
Lab File: BF092840.D

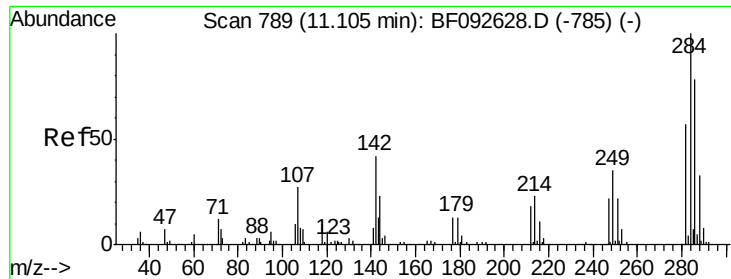
Acq: 7 Feb 2017 20:45

Tgt Ion:	248	Resp:	233124
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.9	115.3
141	73.5	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





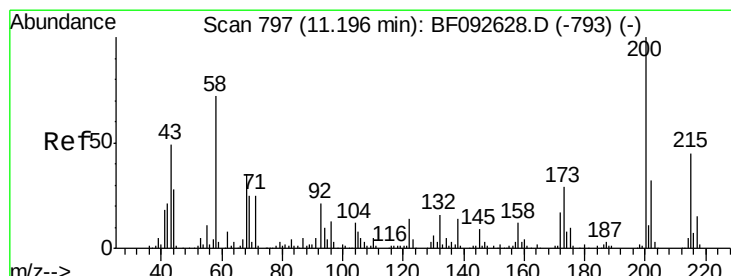
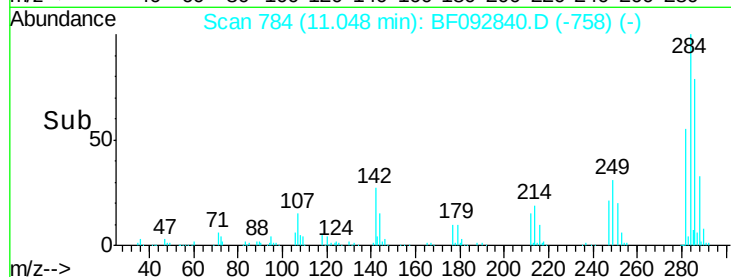
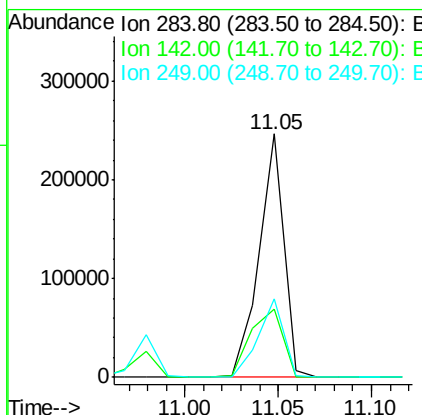
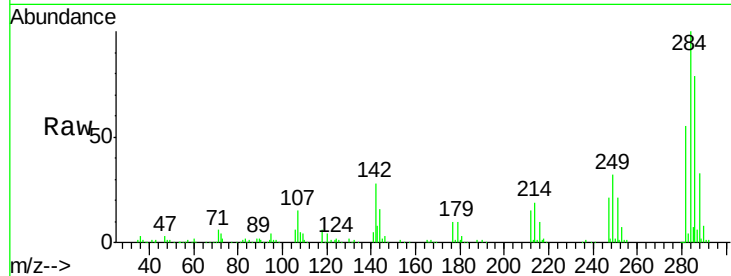
#67
Hexachlorobenzene
Concen: 52.27 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	225496		
142	28.2	22.6	33.8	
249	32.2	25.4	38.0	

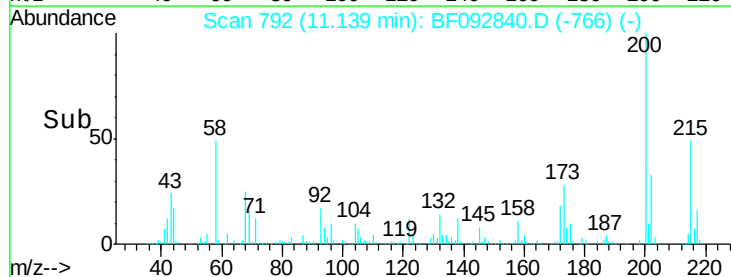
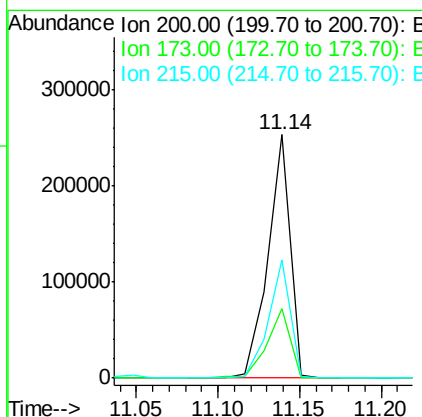
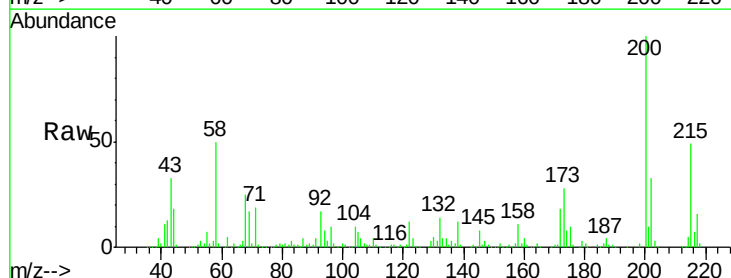
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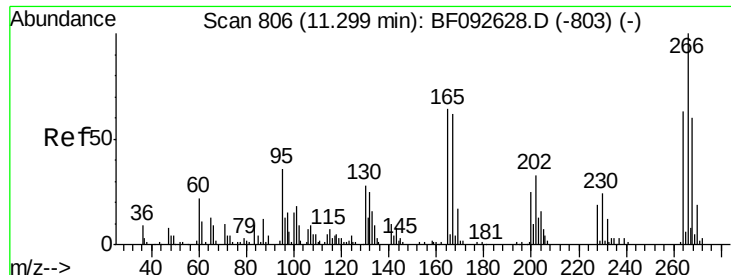
mohammad
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#68
Atrazine
Concen: 56.32 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	241280		
173	28.5	9.6	49.6	
215	48.7	25.7	65.7	





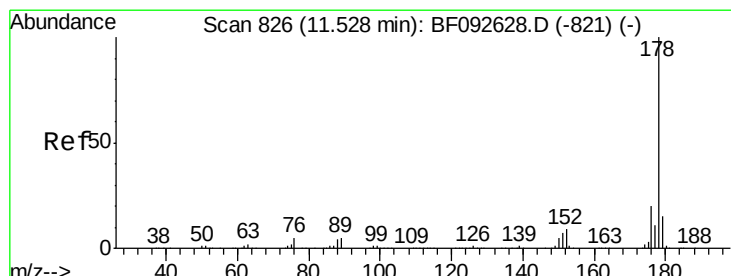
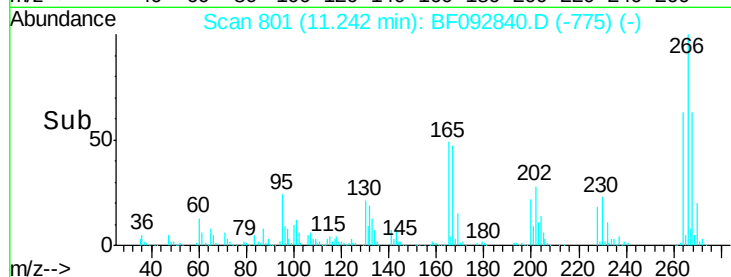
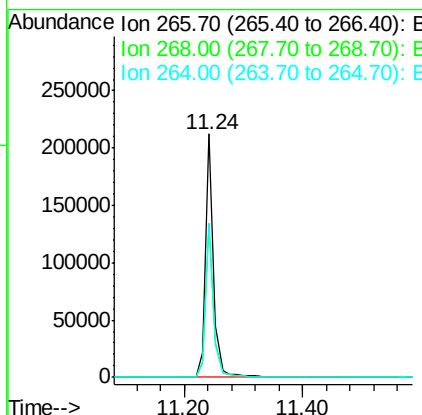
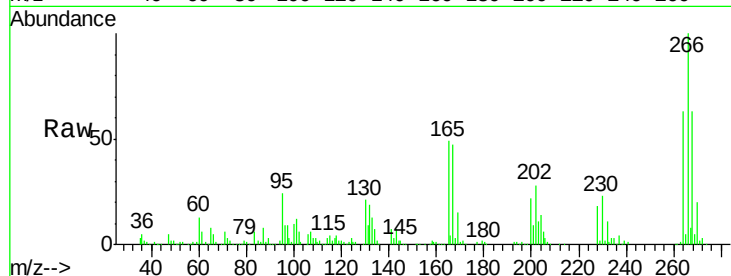
#69
 Pentachlorophenol
 Concen: 91.56 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	53.3	79.9
264	63.1	50.3	75.5

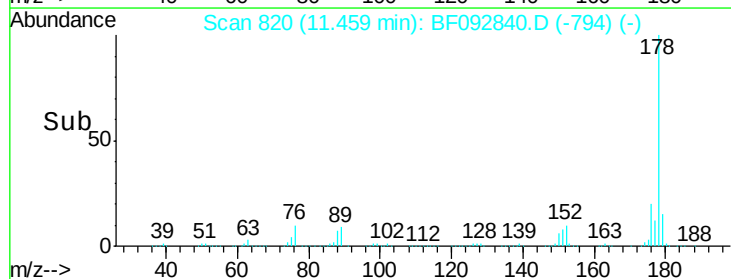
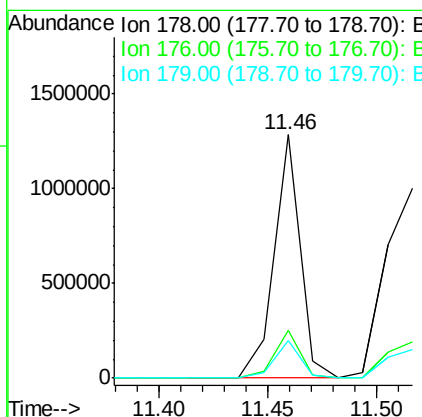
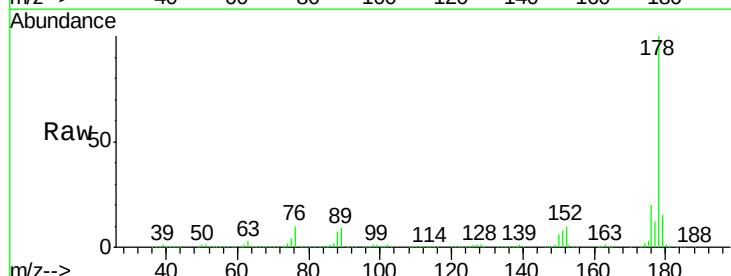
Manual Integrations
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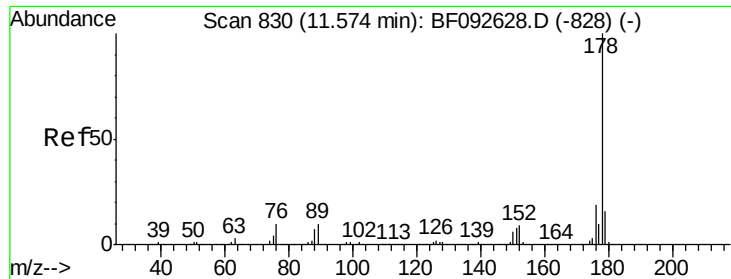
mohammad
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#70
 Phenanthrene
 Concen: 45.50 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.4	12.8	19.2





#71
 Anthracene
 Concen: 49.97 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

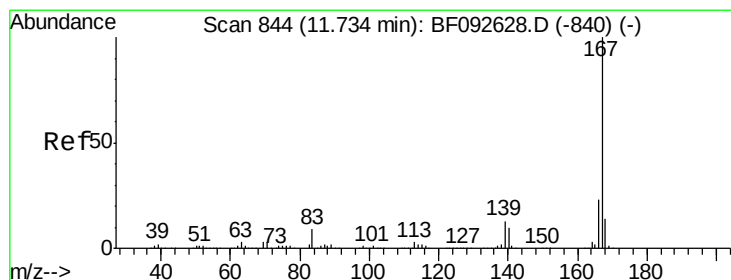
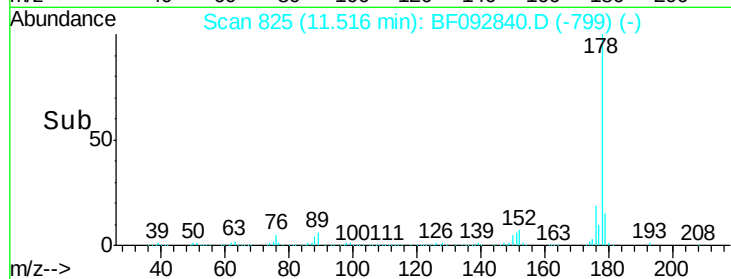
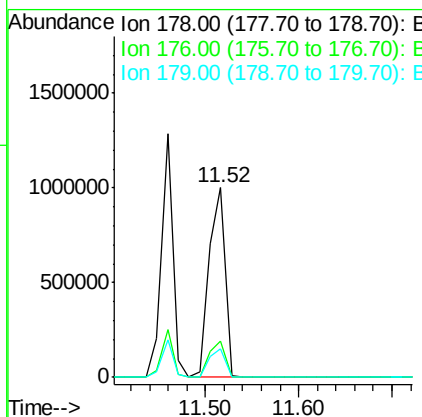
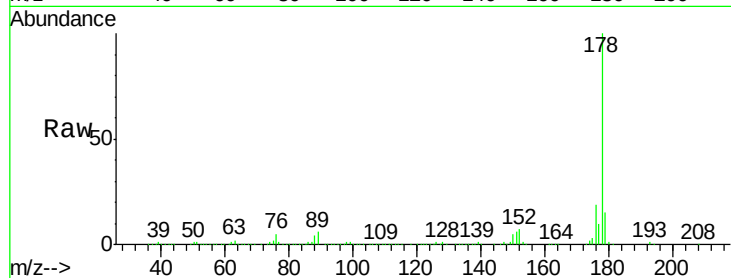
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion:178 Resp: 1201325

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.2	13.2	19.8

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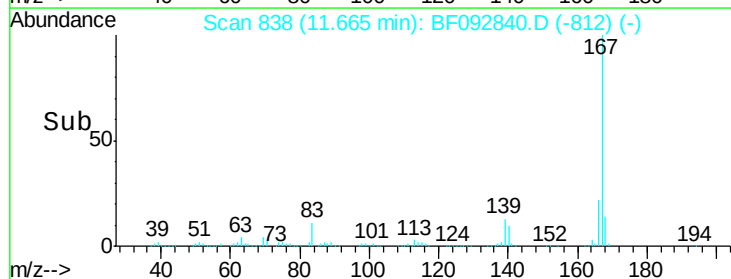
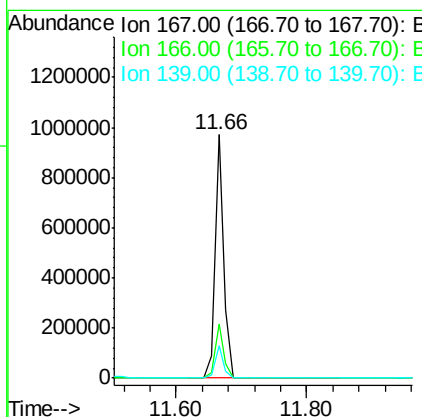
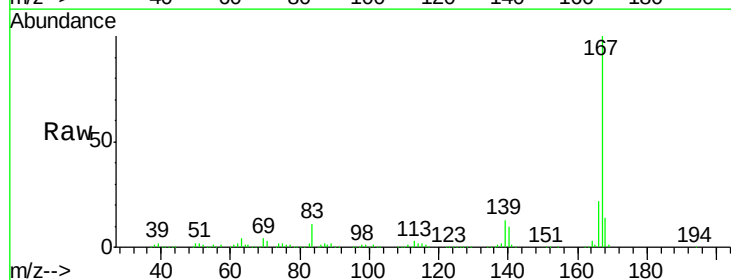
mohammad
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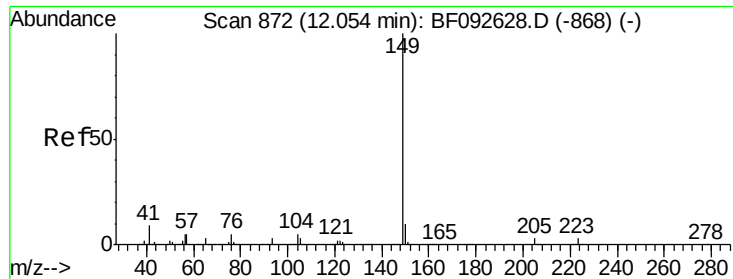


#72
 Carbazole
 Concen: 40.33 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion:167 Resp: 926872

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	13.2	11.4	17.2





#73

Di-n-butylphthalate

Concen: 58.41 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

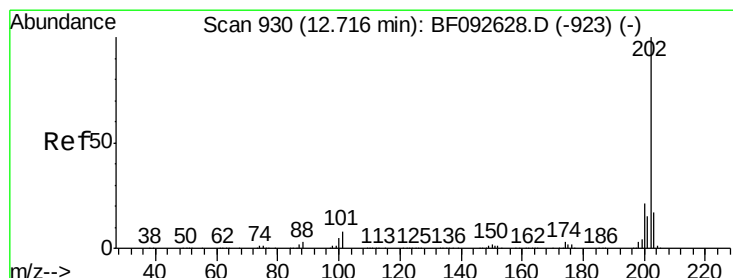
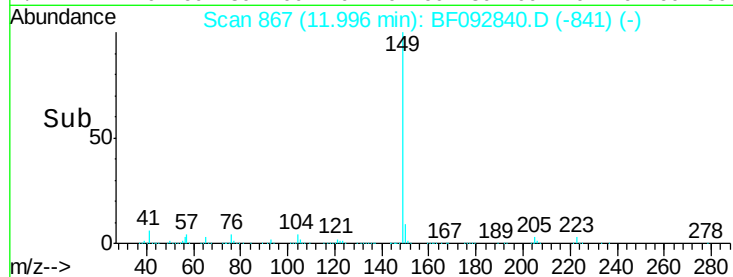
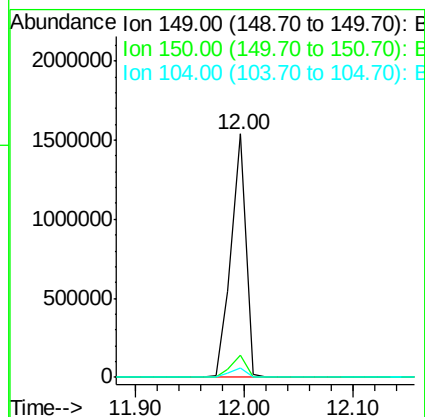
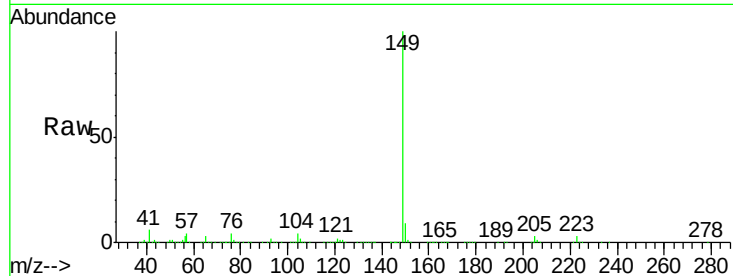
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.1	8.1	12.1		
104	3.8	4.6	7.0		

Manual Integrations
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#74

Fluoranthene

Concen: 41.50 ng

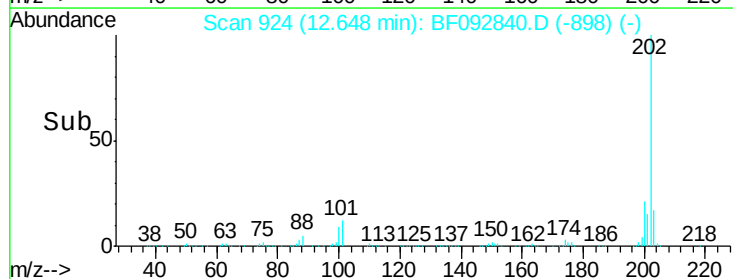
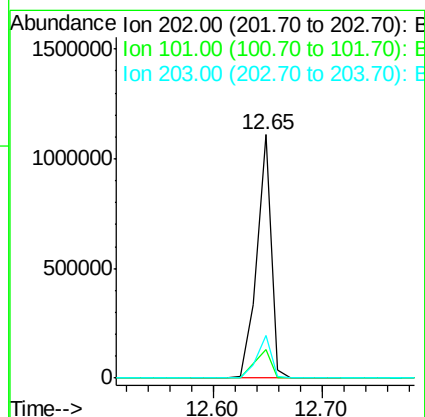
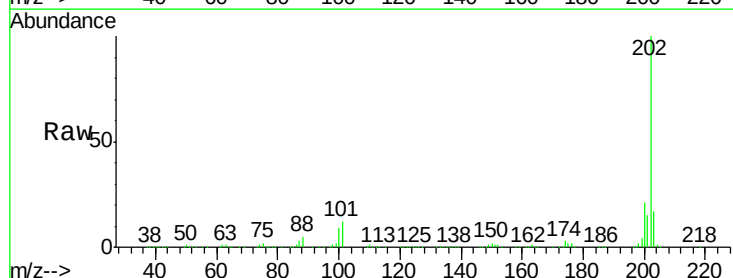
RT: 12.65 min Scan# 924

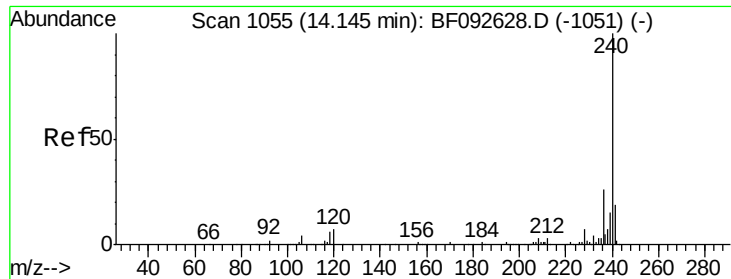
Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.7	0.0	34.6		
203	17.5	0.0	38.7		





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

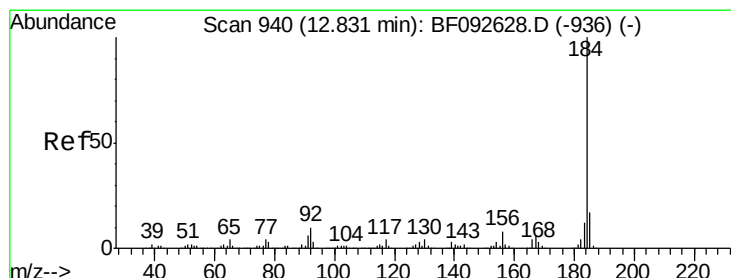
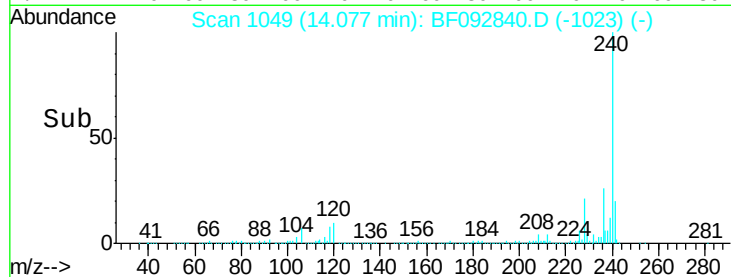
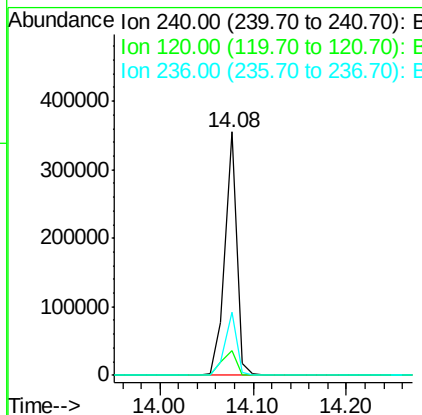
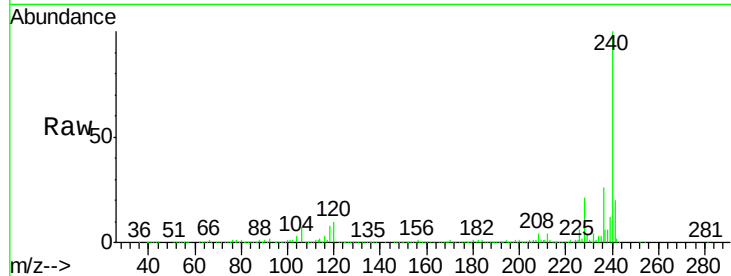
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.9	19.3#
236	26.1	20.9	31.3

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#76

Benzidine

Concen: 26.32 ng m

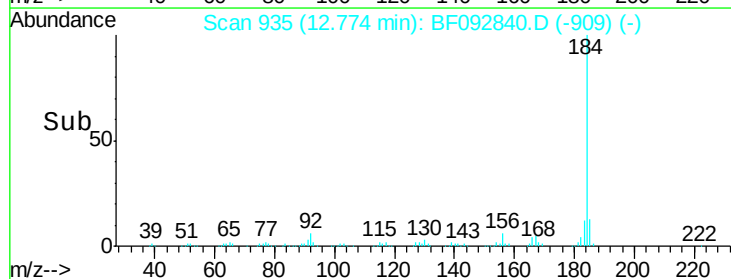
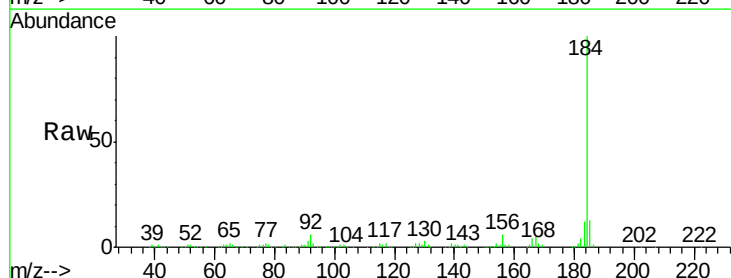
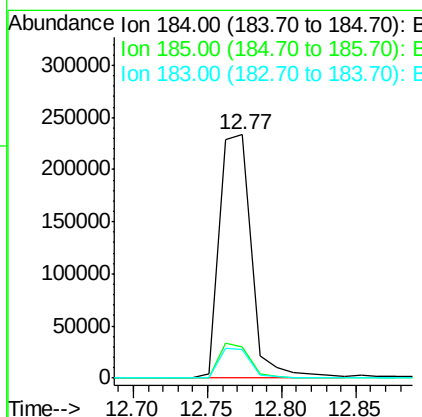
RT: 12.77 min Scan# 935

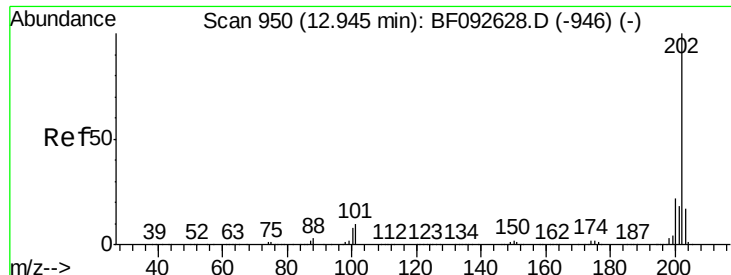
Delta R.T. 0.00 min

Lab File: BF092840.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.9	13.4	20.0#
183	11.9	9.2	13.8





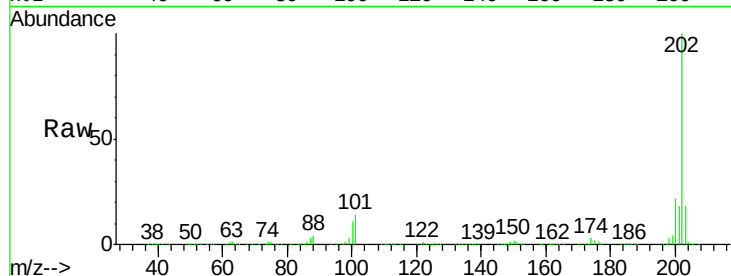
#77
Pvrene
Concen: 42.69 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

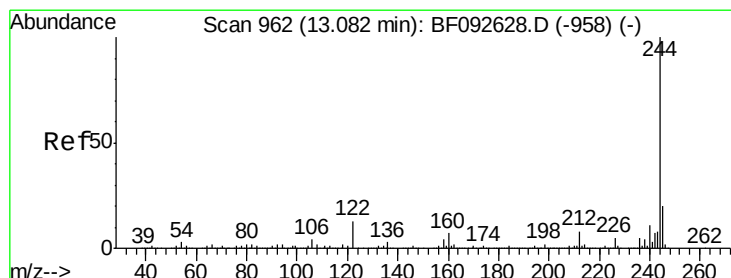
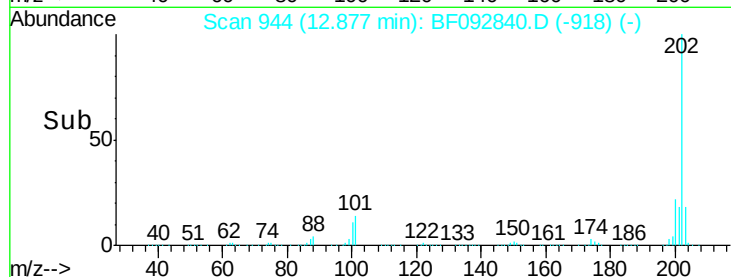
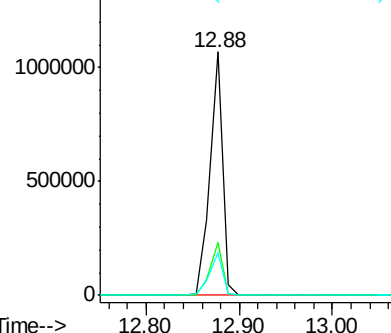
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.6	14.7	22.1

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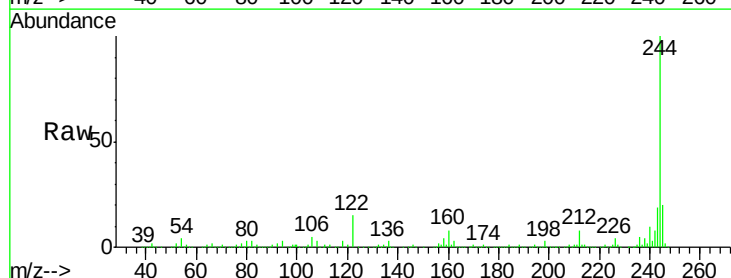


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

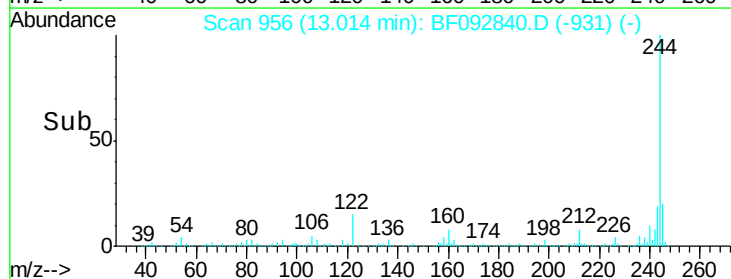
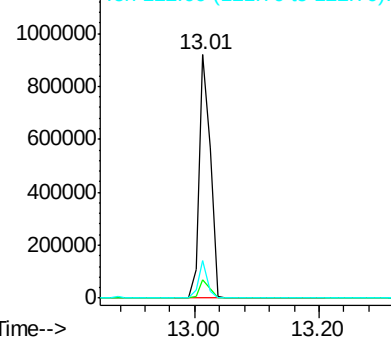


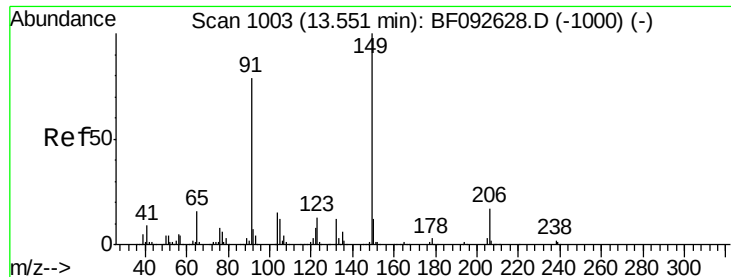
#78
Terphenyl-d14
Concen: 82.75 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	15.2	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: 53.57 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

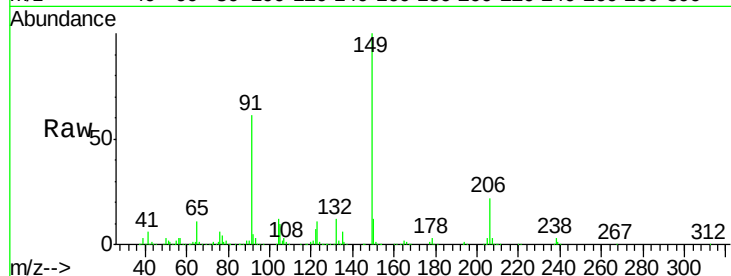
ClientSampleId :

ROLL-OFF-1615-COMPMS

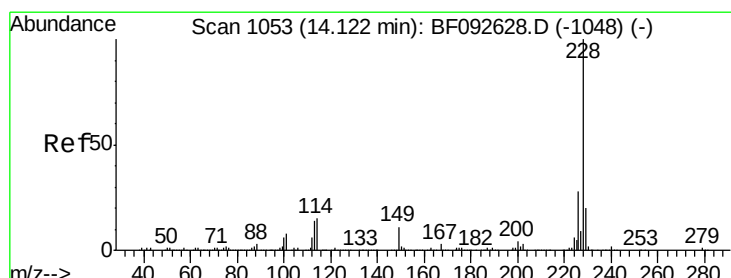
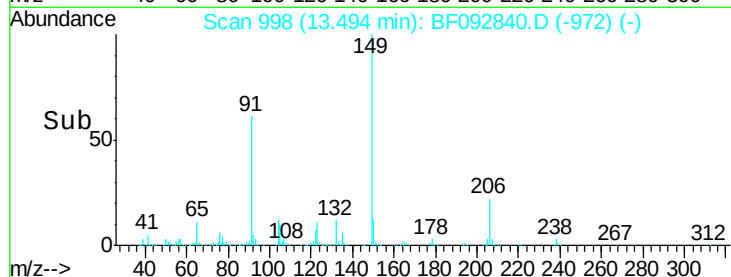
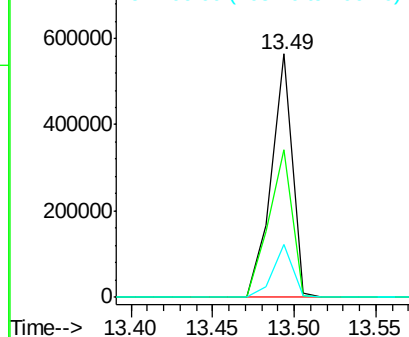
Tot Ion:	149	Resp:	509434
Ion Ratio	Lower	Upper	
149	100		
91	60.8	63.9	95.9#
206	21.5	14.6	21.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.34 ng

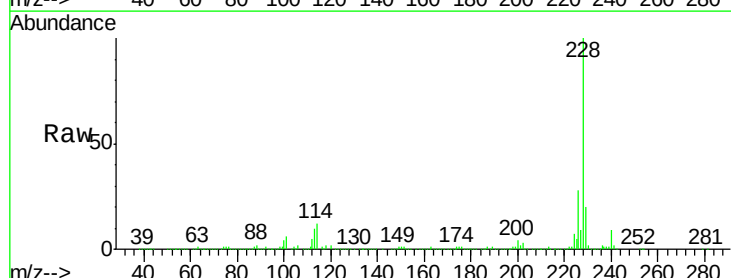
RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

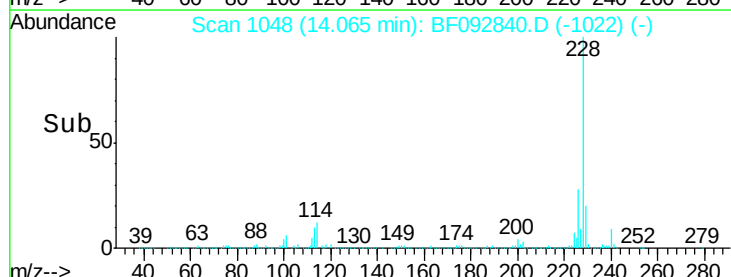
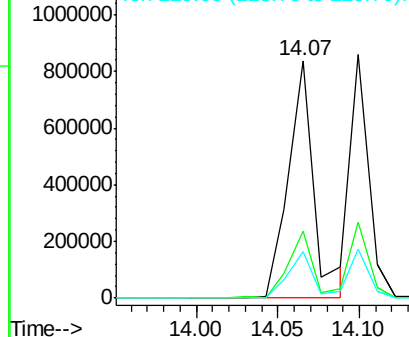
Lab File: BF092840.D

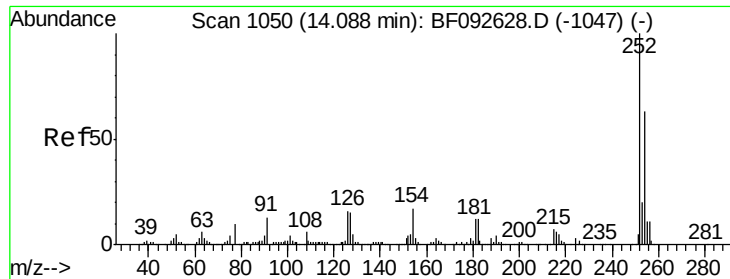
Acq: 7 Feb 2017 20:45

Tgt Ion:	228	Resp:	925274
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.4	33.6
229	19.7	16.2	24.4



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





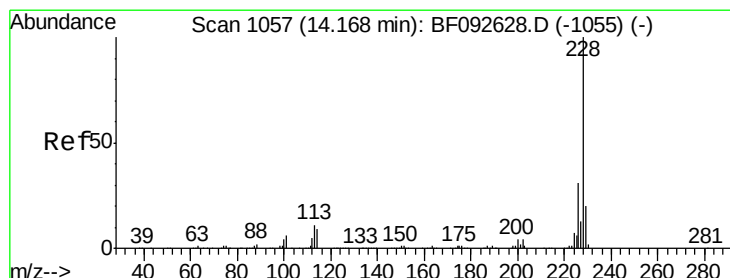
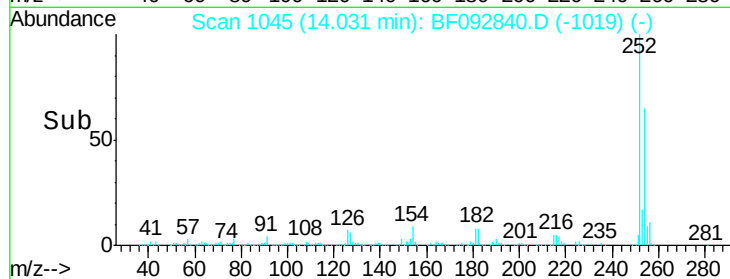
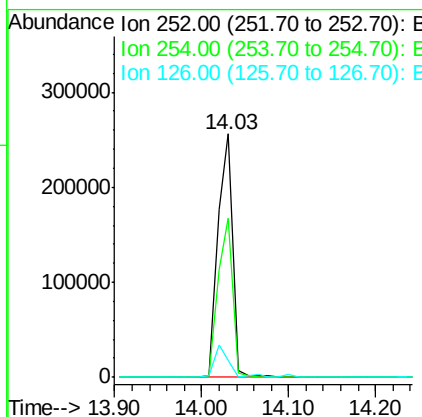
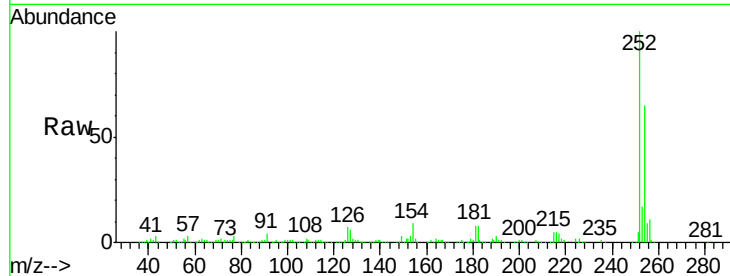
#81
 3,3'-Dichlorobenzidine
 Concen: 45.23 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	308590		
254	65.3	52.3	78.5	
126	7.1	13.6	20.4	

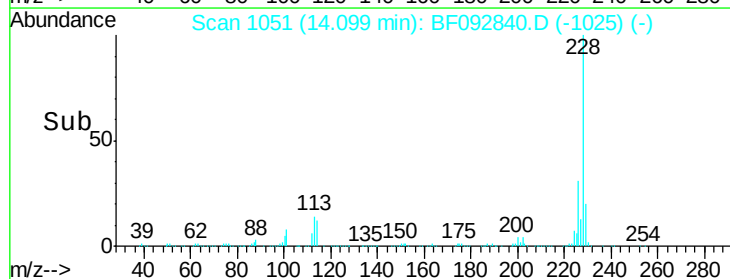
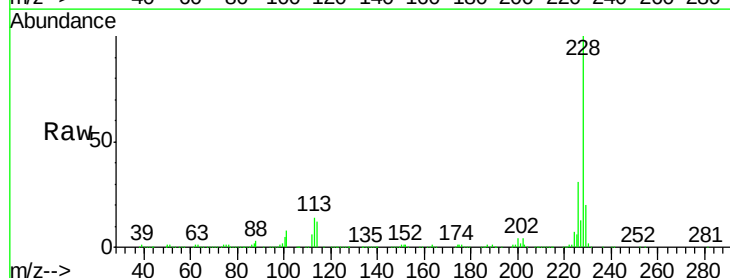
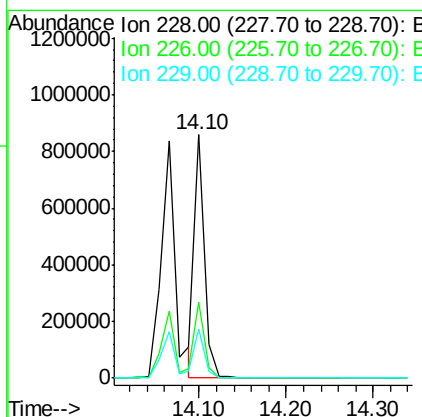
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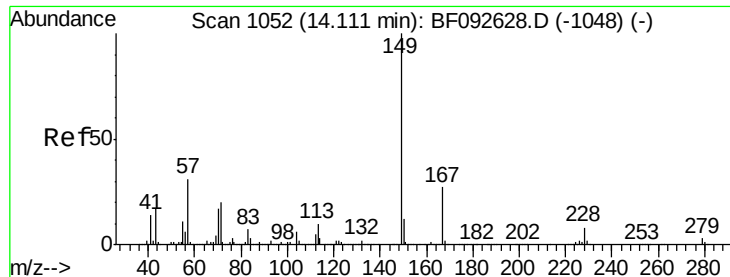
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#82
 Chrysene
 Concen: 38.07 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	682259		
226	31.2	25.4	38.0	
229	20.3	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.87 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Instrument :

BNA_F

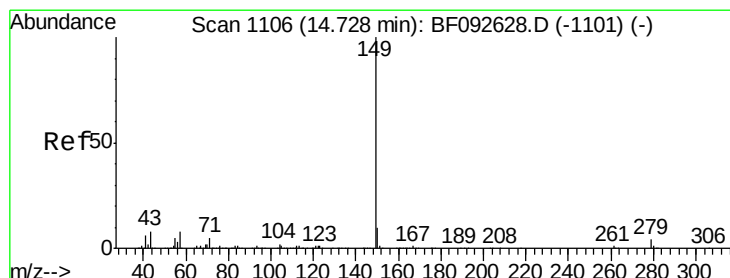
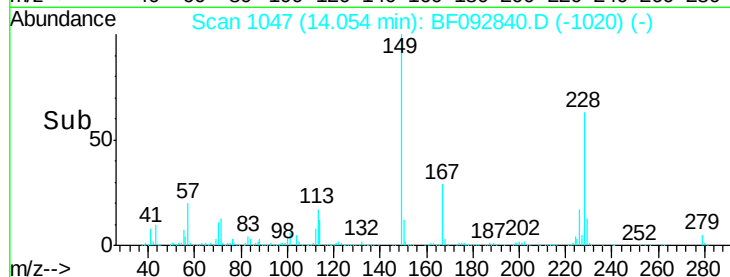
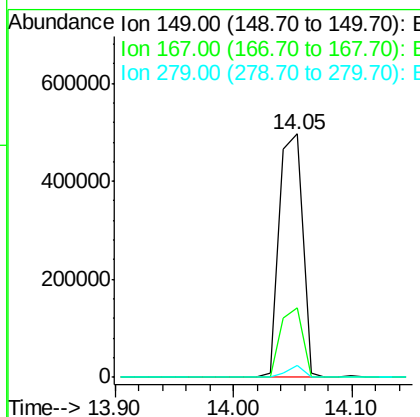
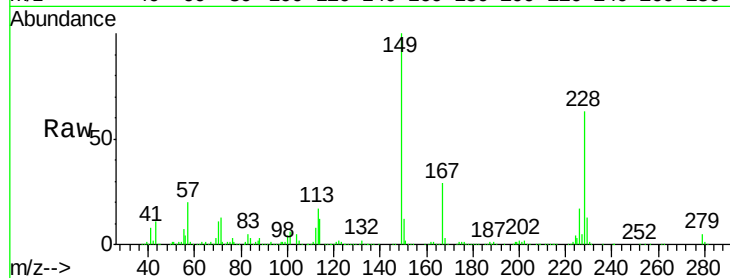
ClientSampleId :

ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	20.2	30.4
279	4.7	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 63.95 ng

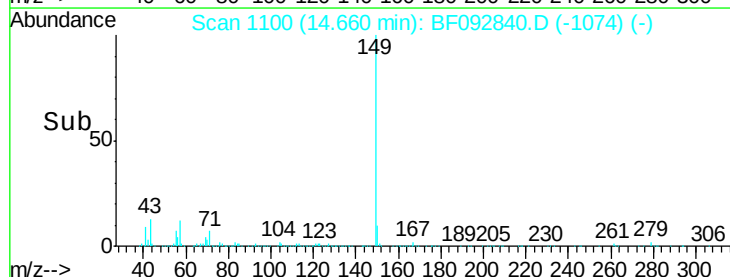
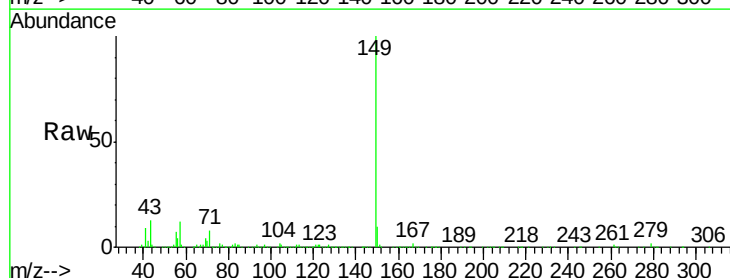
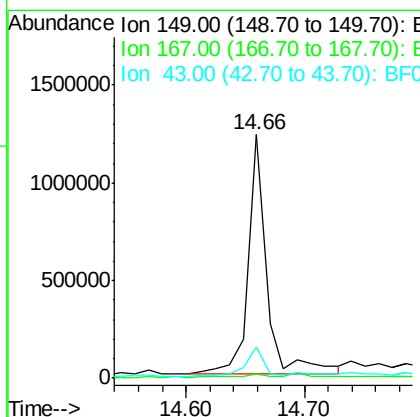
RT: 14.66 min Scan# 1100

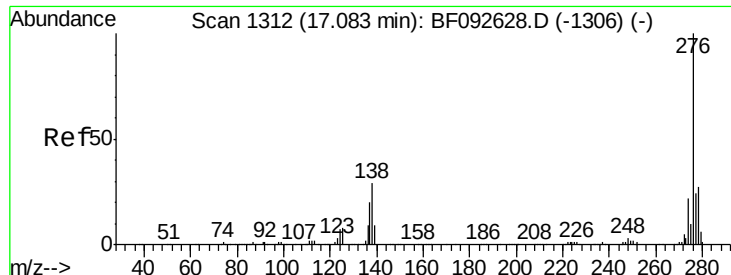
Delta R.T. 0.00 min

Lab File: BF092840.D

Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.3	1.9
43	12.4	8.9	13.3





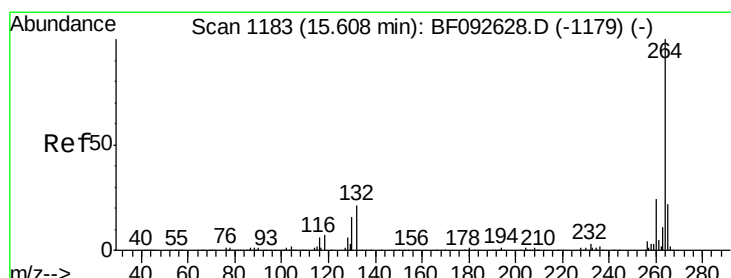
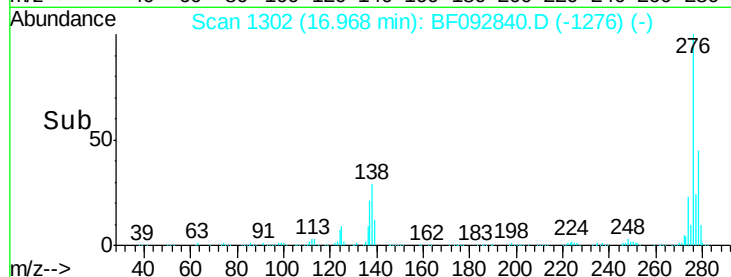
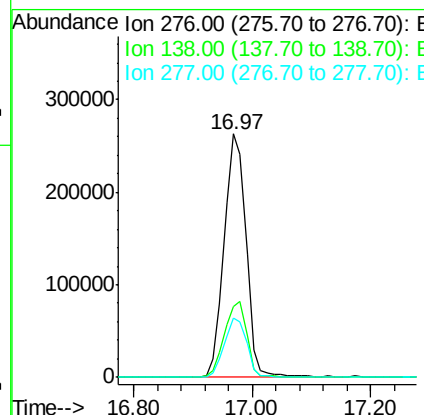
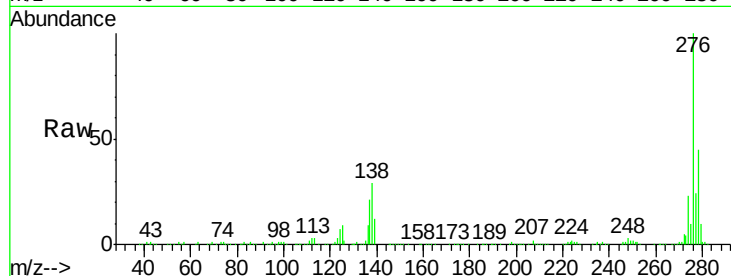
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.75 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.6
277	25.0	20.2	30.4

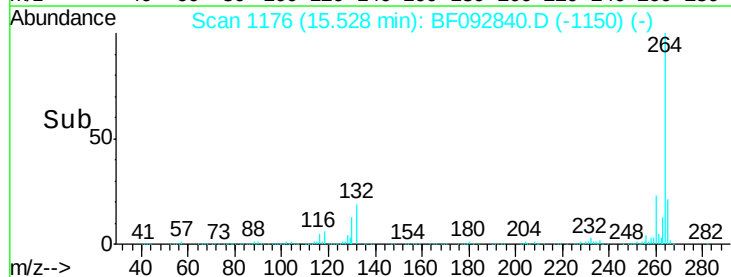
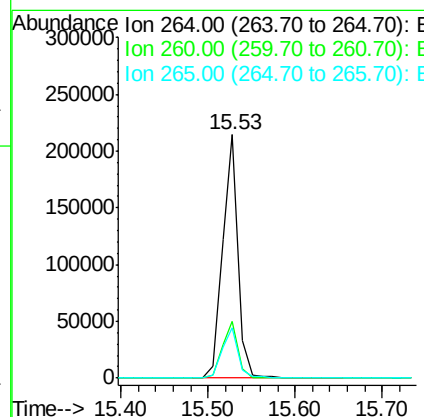
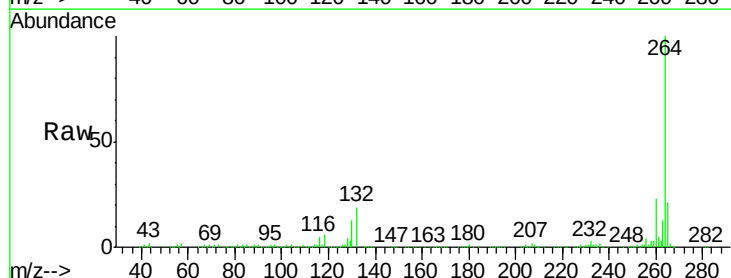
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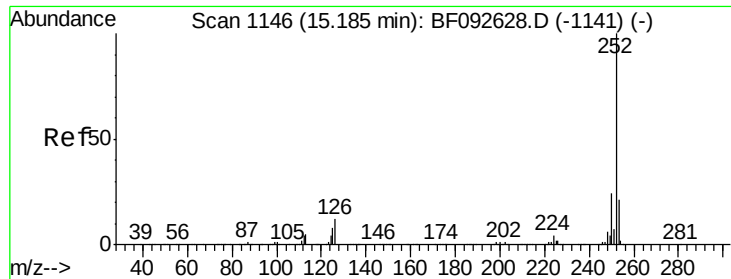
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	17.4	26.0





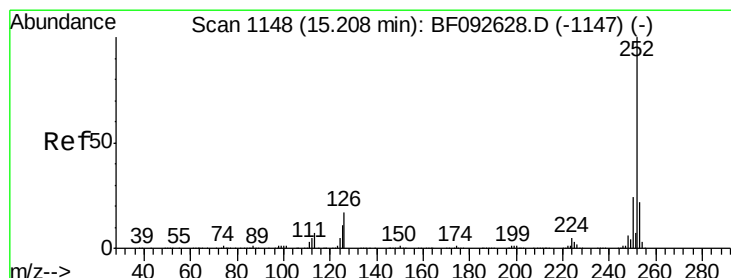
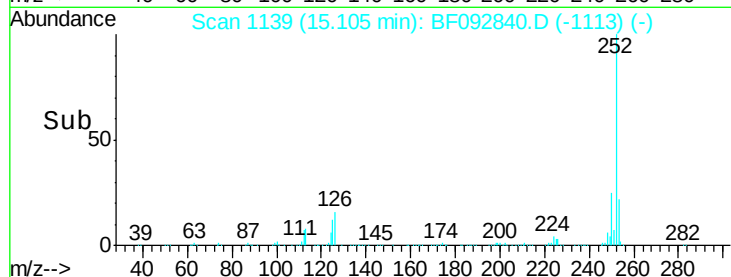
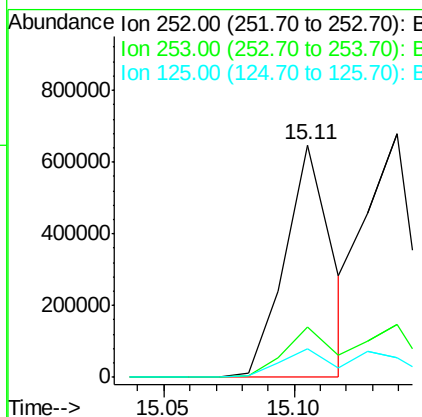
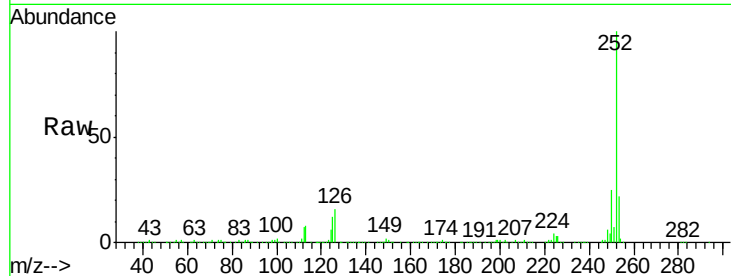
#87
Benzo(b)fluoranthene
Concen: 46.31 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.3	9.8	14.6

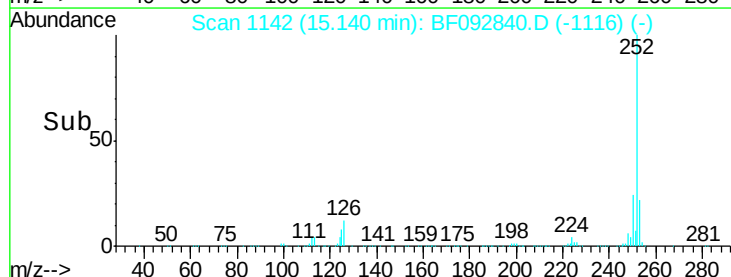
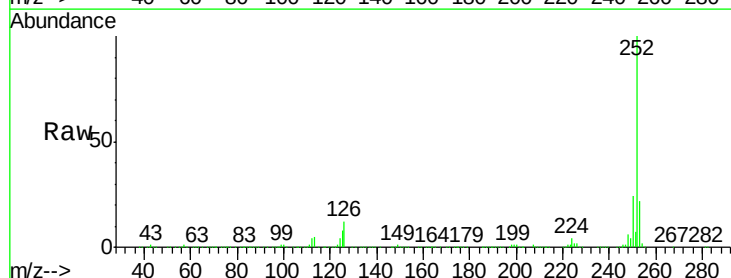
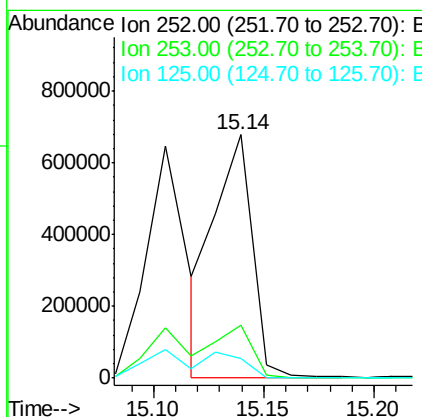
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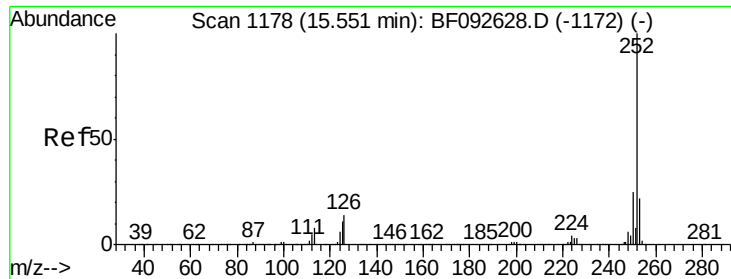
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#88
Benzo(k)fluoranthene
Concen: 53.86 ng m
RT: 15.14 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	8.3	8.9	13.3#





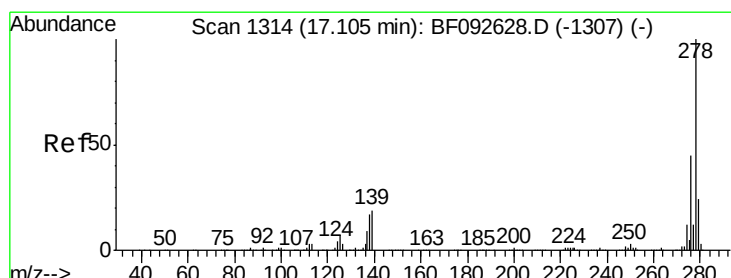
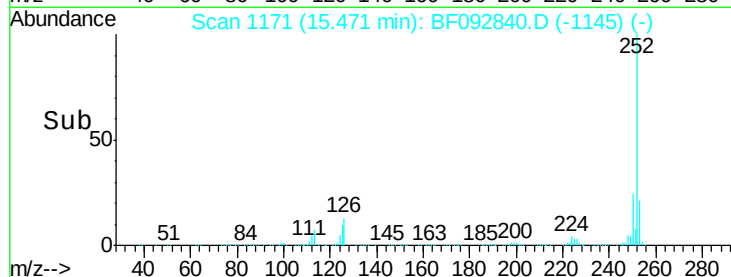
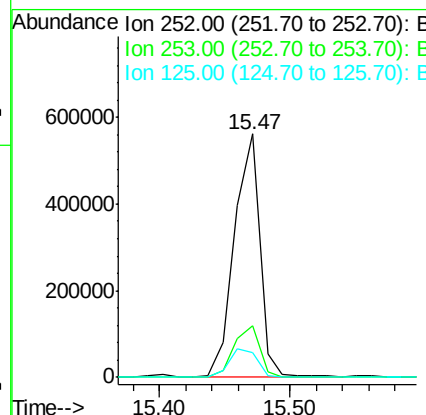
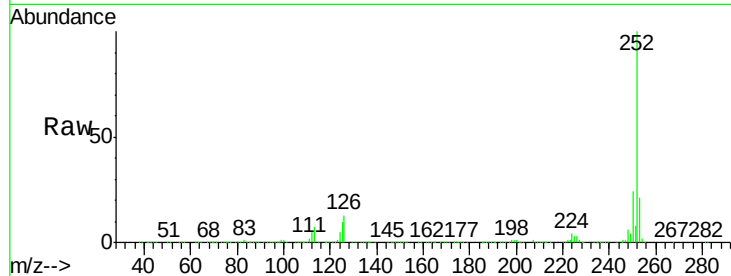
#89
Benzo(a)pyrene
Concen: 50.14 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	10.1	10.0	15.0

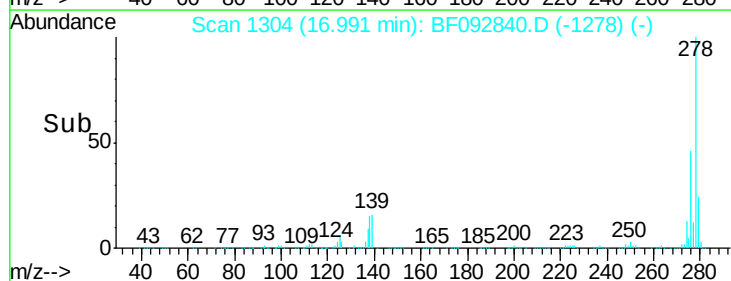
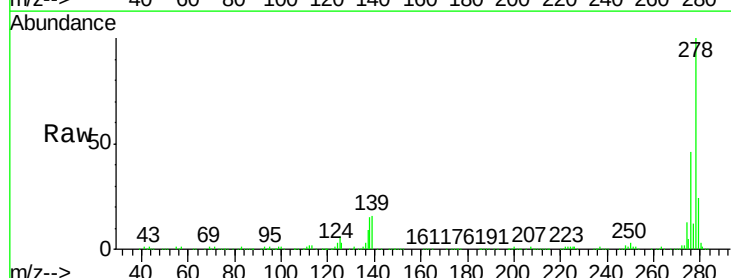
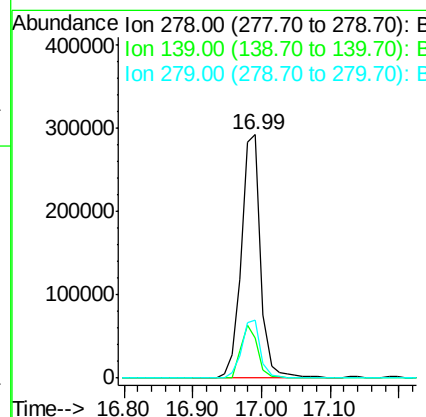
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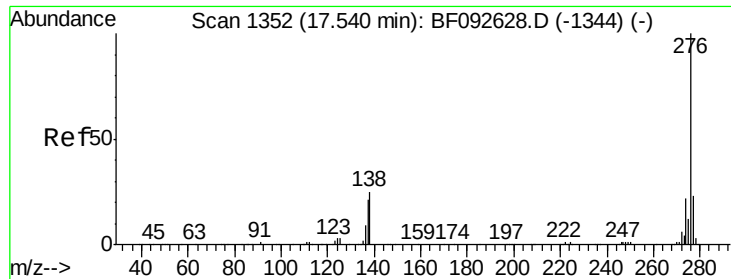
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#90
Dibenzo(a,h)anthracene
Concen: 47.09 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF092840.D
Acq: 7 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.8	22.2
279	24.0	19.8	29.6





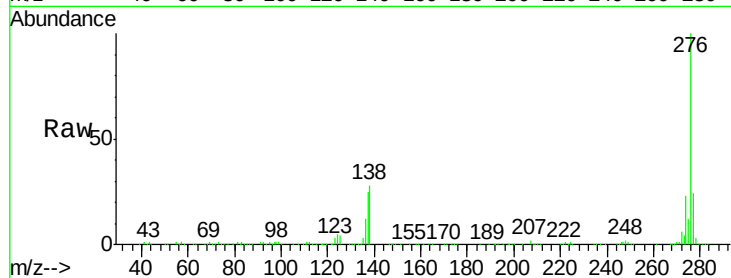
#91
 Benzo(a,h,i)perylene
 Concen: 44.13 ng
 RT: 17.40 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF092840.D
 Acq: 7 Feb 2017 20:45

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	28.2	16.0	24.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

