

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090438.D
 Acq On : 7 Oct 2016 11:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 10/10/2016 6:51:17 PM

Quant Time: Oct 07 13:55:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	246809	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1062071	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	559389	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	915230	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	807595	20.00	ng	-0.02
86) Perylene-d12	15.68	264	532692	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1138361	68.84	ng	-0.02
7) Phenol-d6	6.61	99	1574033	72.67	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1558498	71.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	378366	83.18	ng	-0.02
44) 2-Fluorobiphenyl	9.35	172	2317623	69.03	ng	-0.02
78) Terphenyl-d14	13.13	244	2863506	79.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	297145	36.45	ng	# 87
3) Pyridine	3.43	79	823812	36.24	ng	# 81
4) n-Nitrosodimethylamine	3.38	42	311274	33.19	ng	# 50
6) Aniline	6.65	93	1097983	36.70	ng	98
8) 2-Chlorophenol	6.77	128	712923	39.18	ng	97
9) Benzaldehyde	6.53	77	430105	39.29	ng	96
10) Phenol	6.62	94	901979	35.82	ng	96
11) bis(2-Chloroethyl)ether	6.73	93	706364	36.64	ng	92
12) 1,3-Dichlorobenzene	6.93	146	716807	39.51	ng	99
13) 1,4-Dichlorobenzene	7.00	146	684846	37.17	ng	98
14) 1,2-Dichlorobenzene	7.16	146	700243	39.44	ng	99
15) Benzyl Alcohol	7.13	79	603364	36.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1018721	31.15	ng	91
17) 2-Methylphenol	7.24	107	590573	39.46	ng	97
18) Hexachloroethane	7.50	117	259818	35.77	ng	93
19) n-Nitroso-di-n-propylamine	7.40	70	529919	33.37	ng	# 83
20) 3+4-Methylphenols	7.39	107	700109	36.14	ng	99
22) Acetophenone	7.40	105	931741	37.04	ng	# 90
24) Nitrobenzene	7.57	77	810339	37.38	ng	99
25) Isophorone	7.81	82	1433797	35.92	ng	98
26) 2-Nitrophenol	7.89	139	416359	44.63	ng	94
27) 2,4-Dimethylphenol	7.93	122	694560	38.28	ng	99
28) bis(2-Chloroethoxy)methane	8.02	93	844409	35.77	ng	# 96
29) 2,4-Dichlorophenol	8.13	162	559956	40.59	ng	93
30) 1,2,4-Trichlorobenzene	8.22	180	565314	39.76	ng	94
31) Naphthalene	8.30	128	2003192	39.09	ng	98
32) Benzoic acid	8.04	122	390355	30.95	ng	98
33) 4-Chloroaniline	8.35	127	850966	40.18	ng	# 86
34) Hexachlorobutadiene	8.42	225	285839	35.99	ng	99
35) Caprolactam	8.73	113	217353m	46.86	ng	
36) 4-Chloro-3-methylphenol	8.83	107	711508	41.19	ng	93
37) 2-Methylnaphthalene	8.99	142	1135756	36.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	587393	39.83	ng	98
40) Hexachlorocyclopentadiene	9.15	237	277861	34.37	ng	99

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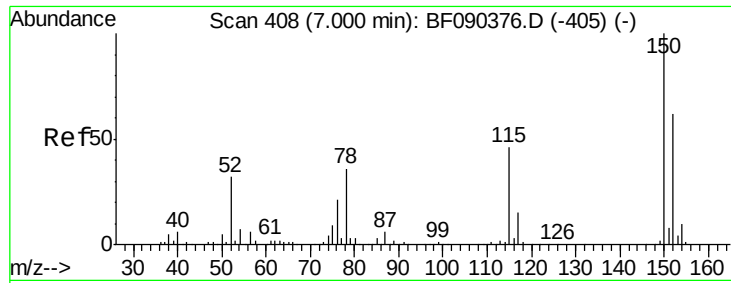
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	399385	39.24	ng	99
43) 2,4,5-Trichlorophenol	9.31	196	412394	42.85	ng	94
45) 1,1'-Biphenyl	9.46	154	1467450	35.40	ng	96
46) 2-Chloronaphthalene	9.48	162	1137473	37.14	ng	98
47) 2-Nitroaniline	9.57	65	402978	33.35	ng	91
48) Acenaphthylene	9.90	152	1951116	38.61	ng	100
49) Dimethylphthalate	9.77	163	1365489	38.12	ng	97
50) 2,6-Dinitrotoluene	9.82	165	337808	42.47	ng	# 62
51) Acenaphthene	10.07	154	1176192	37.33	ng	97
52) 3-Nitroaniline	9.98	138	372897	40.13	ng	90
53) 2,4-Dinitrophenol	10.09	184	122781	34.62	ng	# 49
54) Dibenzofuran	10.25	168	1607392	39.41	ng	96
55) 4-Nitrophenol	10.14	139	374355	46.05	ng	# 75
56) 2,4-Dinitrotoluene	10.22	165	475924	44.96	ng	# 60
57) Fluorene	10.59	166	1314912	38.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	305758	42.55	ng	# 84
59) Diethylphthalate	10.46	149	1490072	40.20	ng	96
60) 4-Chlorophenyl-phenylether	10.58	204	576380	36.99	ng	94
61) 4-Nitroaniline	10.60	138	370234	39.55	ng	94
62) Azobenzene	10.74	77	1492016	34.85	ng	90
64) 4,6-Dinitro-2-methylphenol	10.63	198	217612	36.67	ng	# 47
65) n-Nitrosodiphenylamine	10.70	169	1224822	39.94	ng	98
66) 4-Bromophenyl-phenylether	11.07	248	340227	37.92	ng	# 86
67) Hexachlorobenzene	11.14	284	398894	39.93	ng	# 83
68) Atrazine	11.23	200	322409	42.63	ng	93
69) Pentachlorophenol	11.33	266	256676	43.16	ng	98
70) Phenanthrene	11.55	178	1854333	39.57	ng	98
71) Anthracene	11.61	178	1903766	39.78	ng	99
72) Carbazole	11.76	167	1628470	36.62	ng	99
73) Di-n-butylphthalate	12.09	149	2134480	39.45	ng	99
74) Fluoranthene	12.75	202	2074050	45.12	ng	93
76) Benzidine	12.86	184	700916	33.01	ng	99
77) Pyrene	12.98	202	2087263	38.76	ng	100
79) Butylbenzylphthalate	13.60	149	1070246	38.73	ng	89
80) Benzo(a)anthracene	14.17	228	1845472	40.73	ng	99
81) 3,3'-Dichlorobenzidine	14.13	252	770856	46.92	ng	# 98
82) Chrysene	14.21	228	1775540	42.58	ng	99
83) Bis(2-ethylhexyl)phthalate	14.16	149	1369287	34.86	ng	# 100
84) Di-n-octyl phthalate	14.77	149	2133188	36.64	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.18	276	1042416	35.06	ng	95
87) Benzo(b)fluoranthene	15.24	252	1498349	44.16	ng	99
88) Benzo(k)fluoranthene	15.26	252	1269681m	39.84	ng	
89) Benzo(a)pyrene	15.61	252	1203074	41.14	ng	# 94
90) Dibenzo(a,h)anthracene	17.21	278	871701	35.03	ng	# 97
91) Benzo(g,h,i)perylene	17.64	276	825161	34.56	ng	96

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



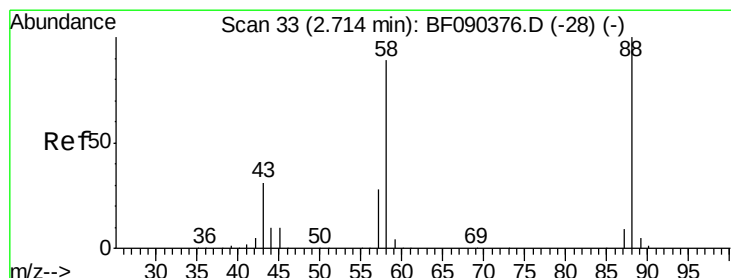
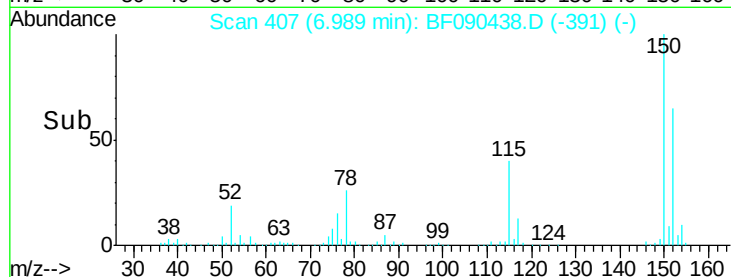
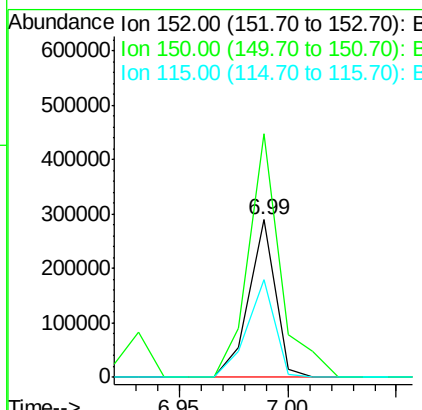
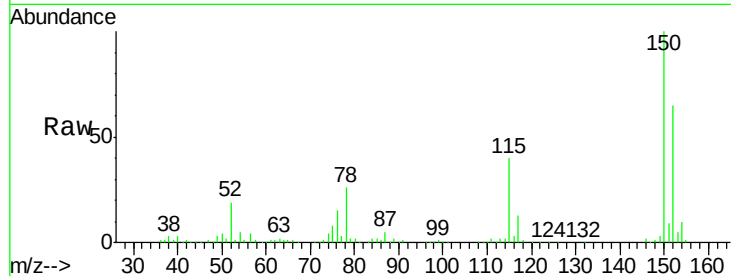
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.99 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	62.4	46.2	69.4

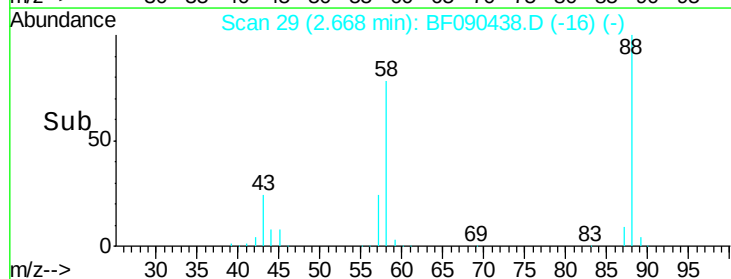
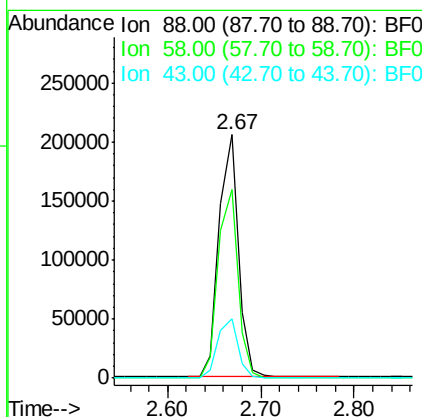
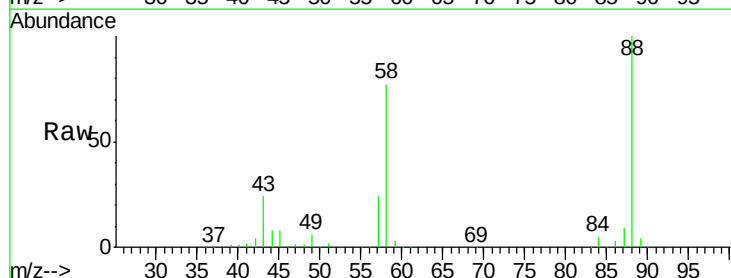
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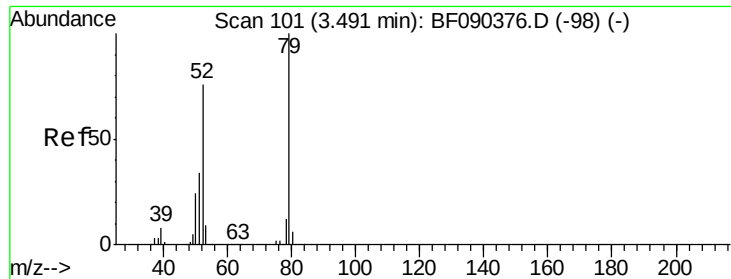
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#2
 1,4-Dioxane
 Concen: 36.45 ng
 RT: 2.67 min Scan# 29
 Delta R.T. -0.05 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	71.2	106.8
43	25.5	29.8	44.6





#3

Pyridine

Concen: 36.24 ng

RT: 3.43 min Scan# 96

Delta R.T. -0.06 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

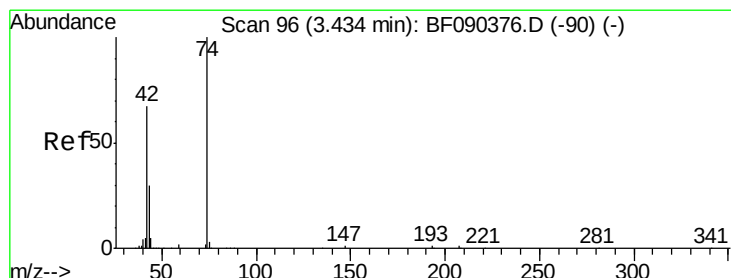
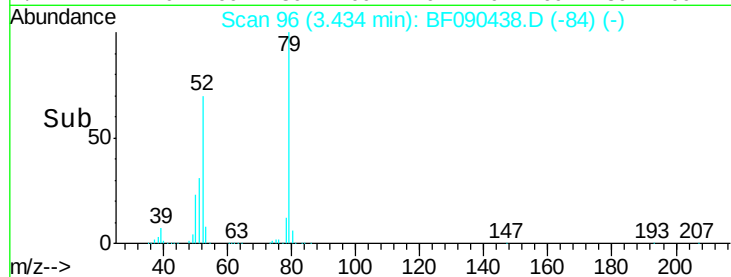
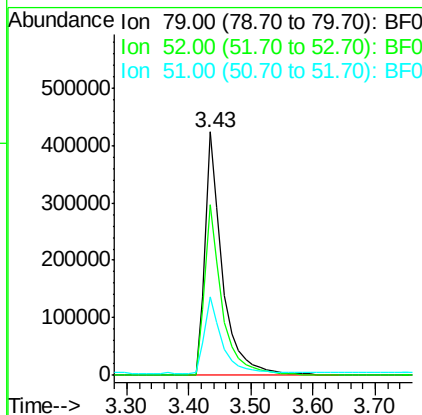
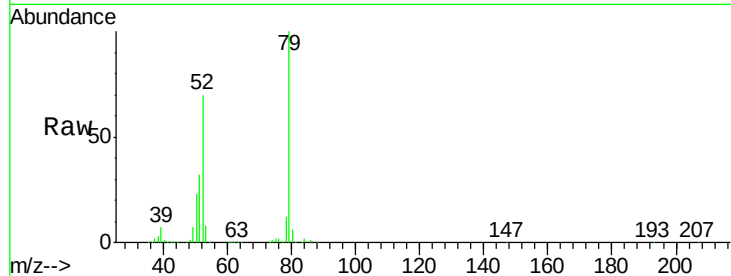
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	823812
Ion Ratio	Lower	Upper	
79	100		
52	70.3	71.3	106.9#
51	32.5	34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 33.19 ng

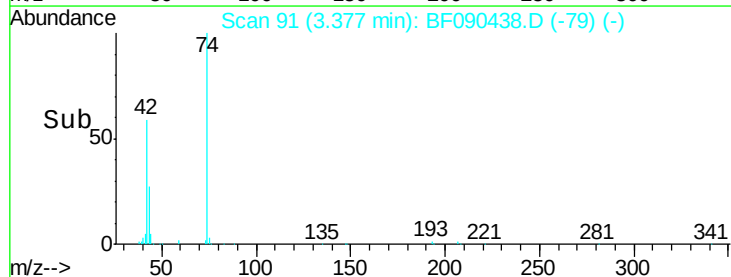
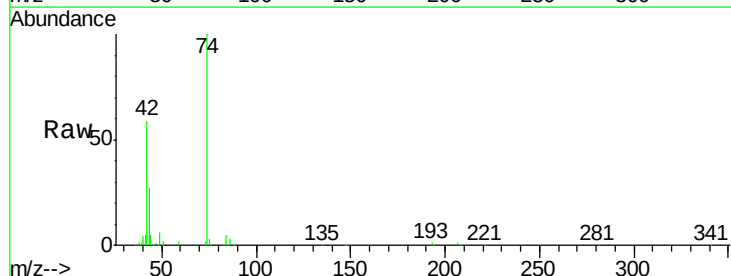
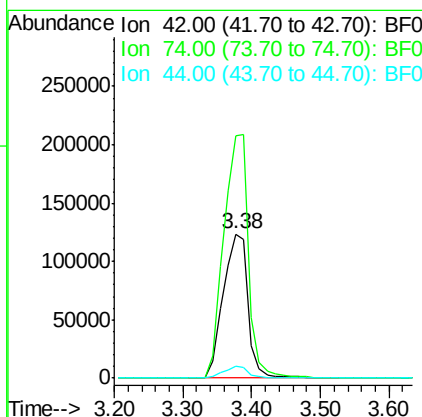
RT: 3.38 min Scan# 91

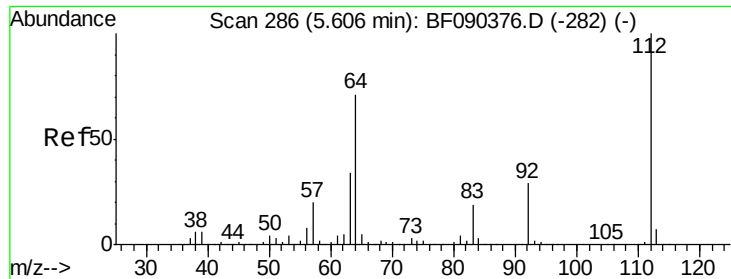
Delta R.T. -0.06 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Tgt Ion:	42	Resp:	311274
Ion Ratio	Lower	Upper	
42	100		
74	168.5	88.9	133.3#
44	8.2	6.5	9.7





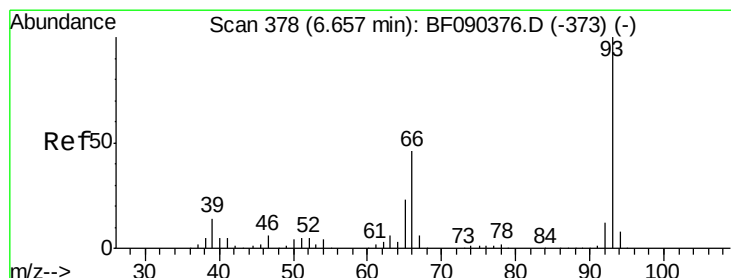
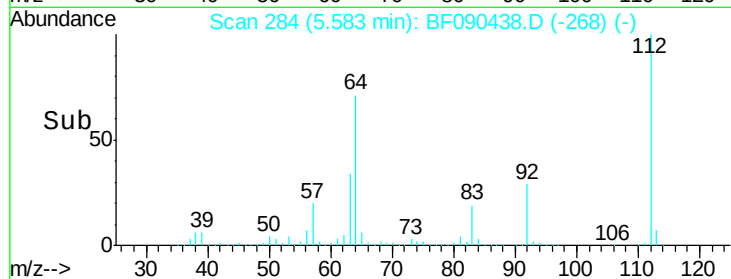
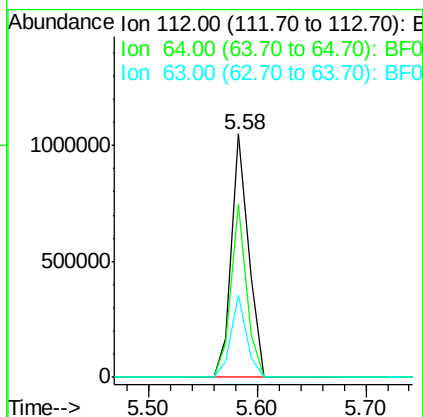
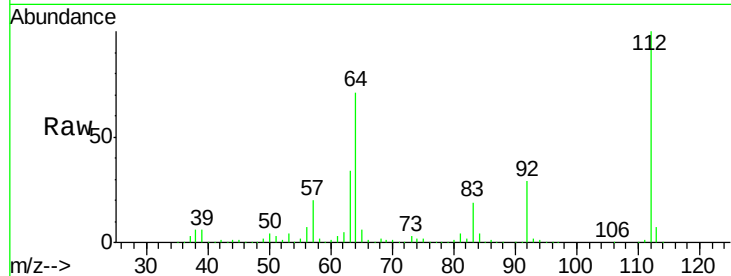
#5
2-Fluorophenol
Concen: 68.84 ng
RT: 5.58 min Scan# 284
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	57.9	86.9
63	34.0	29.6	44.4

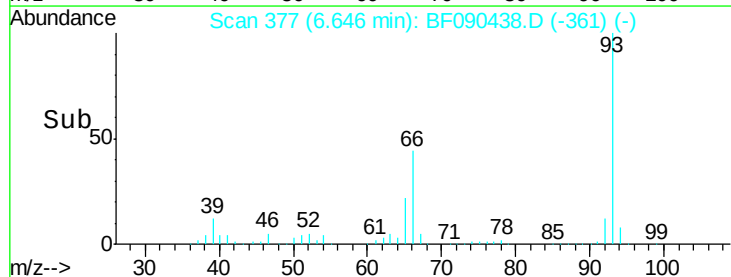
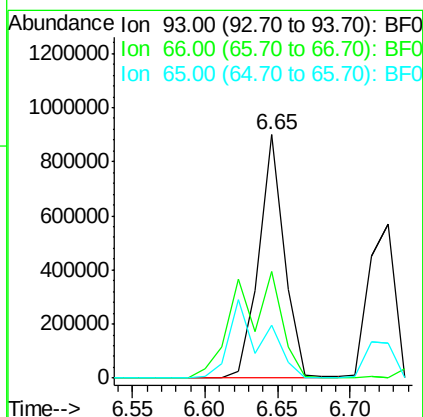
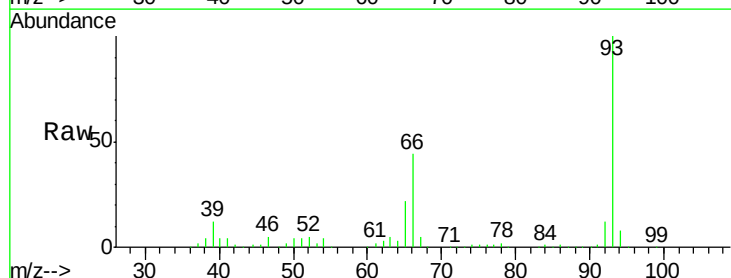
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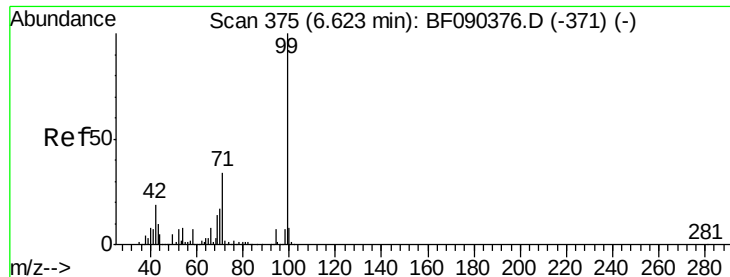
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#6
Aniline
Concen: 36.70 ng
RT: 6.65 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.0	34.5	51.7
65	21.8	18.2	27.2





#7

Phenol-d6

Concen: 72.67 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1574033

Ion Ratio Lower Upper

99 100

42 16.0 20.0 30.0#

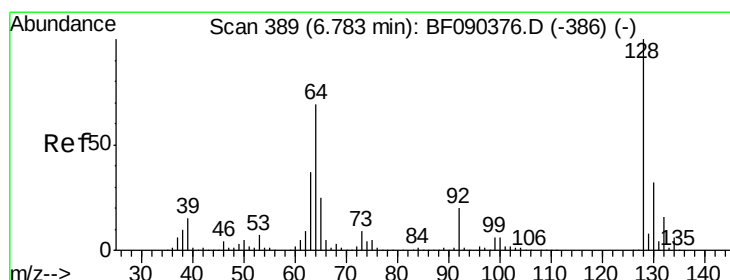
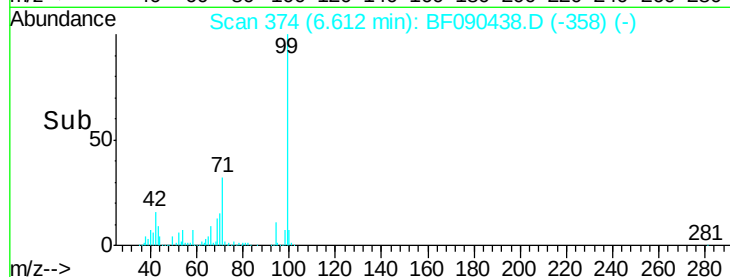
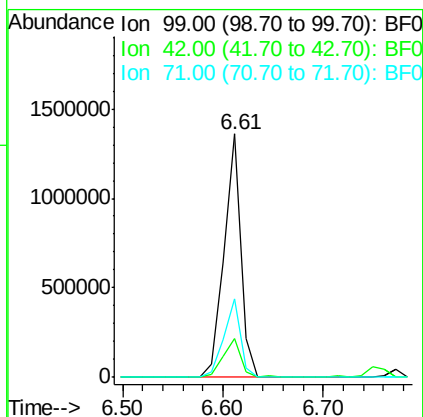
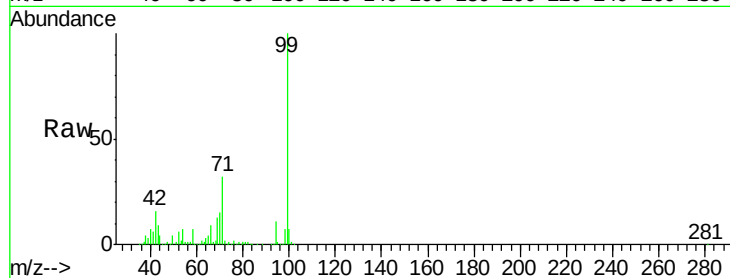
71 32.3 27.9 41.9

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#8

2-Chlorophenol

Concen: 39.18 ng

RT: 6.77 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

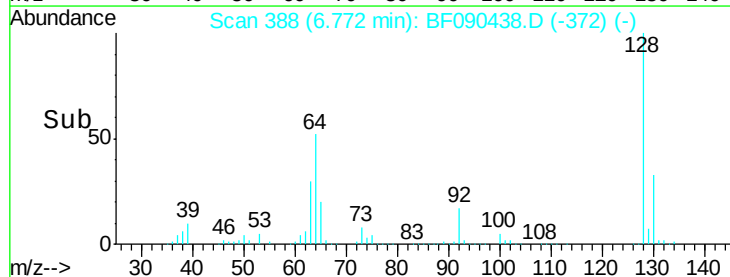
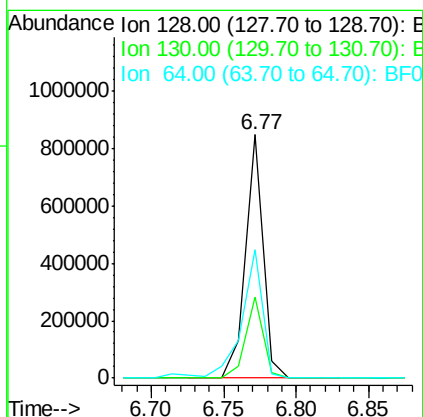
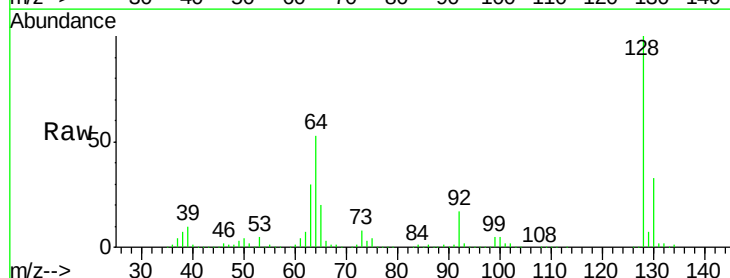
Tgt Ion: 128 Resp: 712923

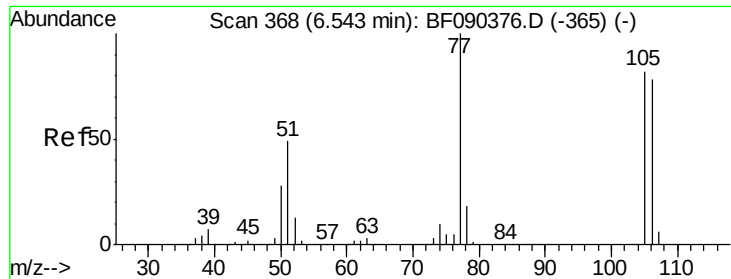
Ion Ratio Lower Upper

128 100

130 33.1 13.3 53.3

64 52.6 36.0 76.0





#9

Benzaldehyde

Concen: 39.29 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

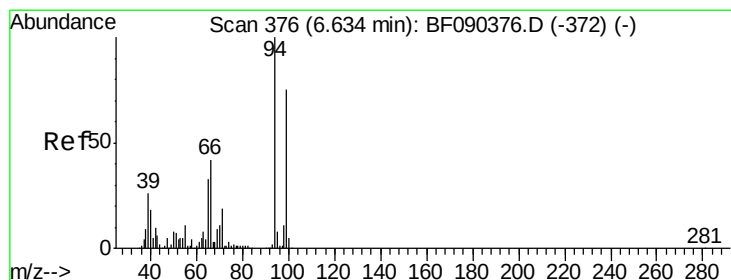
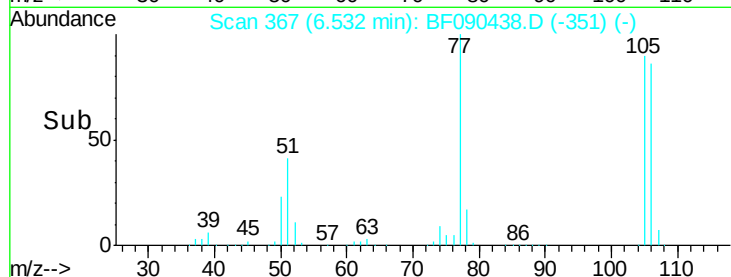
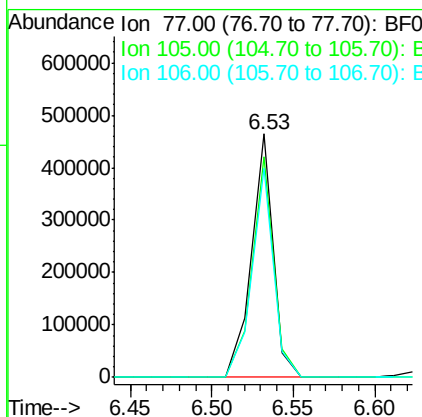
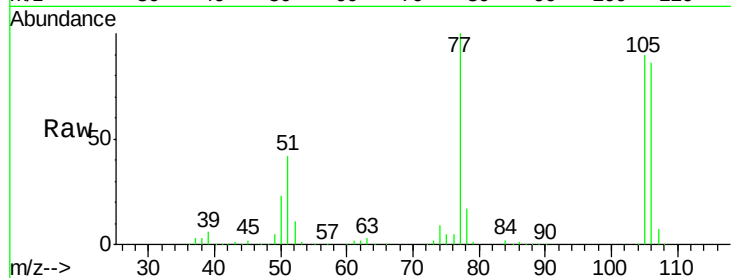
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	430105
Ion Ratio	Lower	Upper	
77	100		
105	90.5	73.1	113.1
106	85.6	70.2	110.2

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#10

Phenol

Concen: 35.82 ng

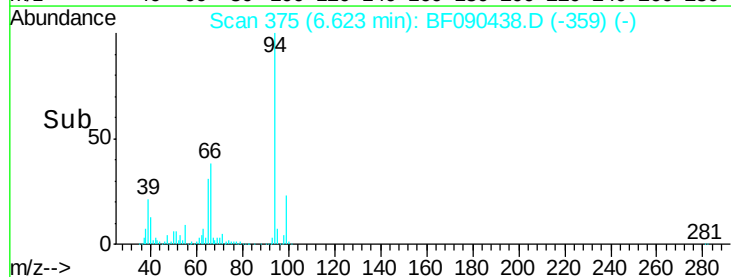
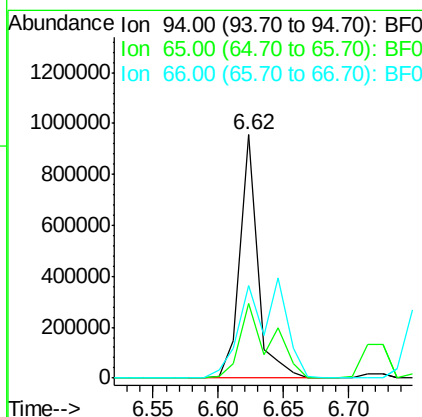
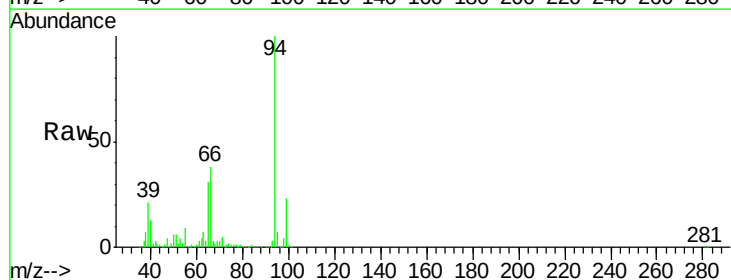
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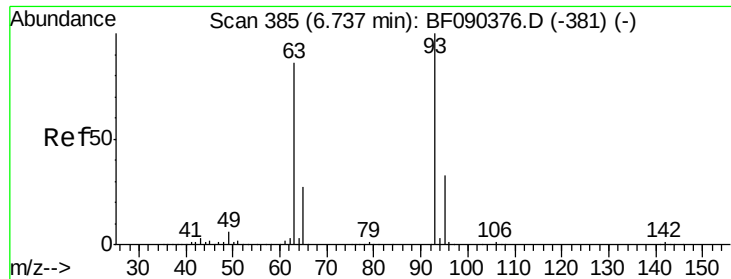
Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Tgt Ion:	94	Resp:	901979
Ion Ratio	Lower	Upper	
94	100		
65	30.6	13.3	53.3
66	38.0	20.4	60.4





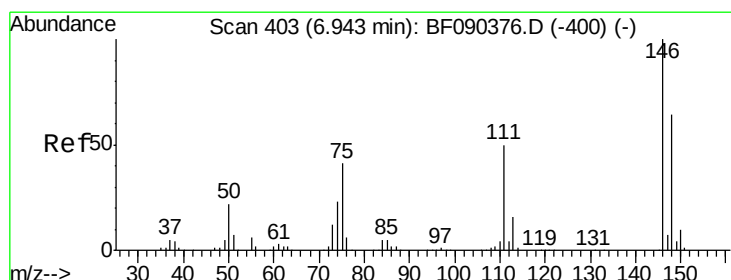
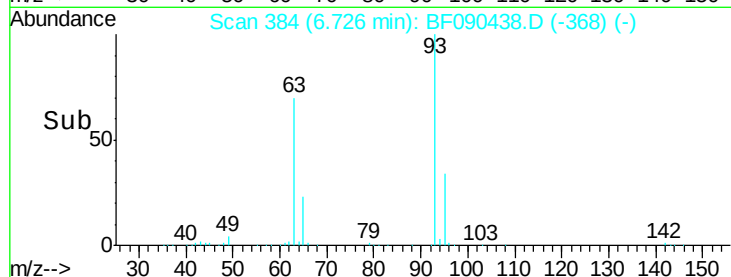
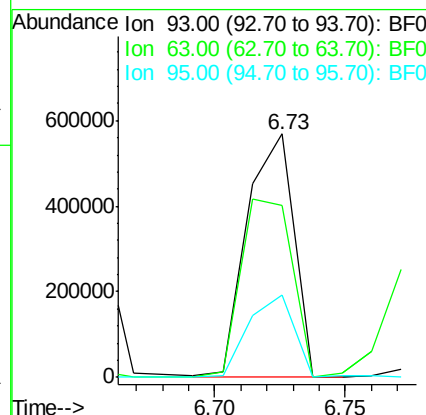
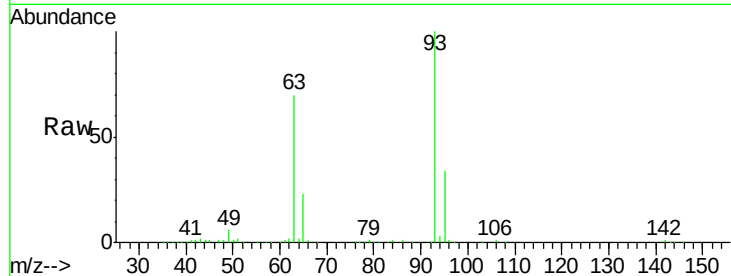
#11
bis(2-Chloroethyl)ether
Concen: 36.64 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	70.4	59.7	99.7
95	33.8	14.0	54.0

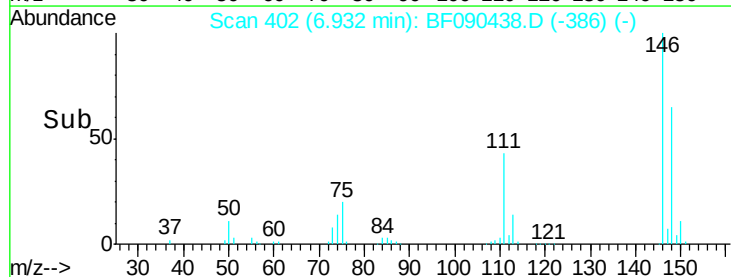
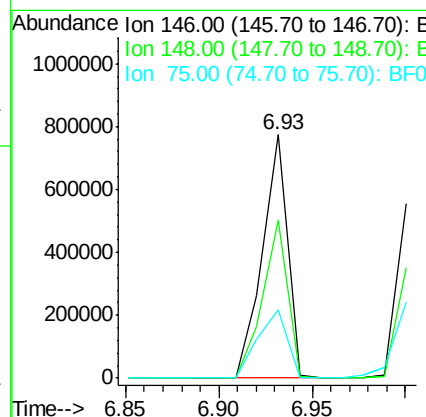
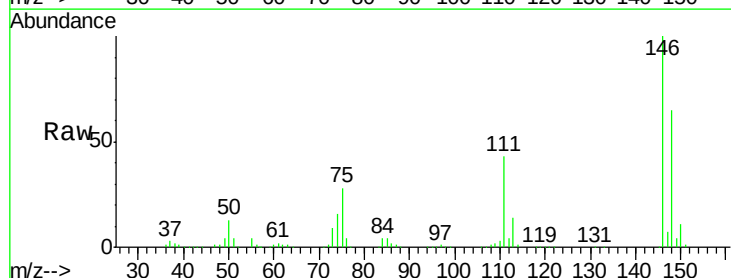
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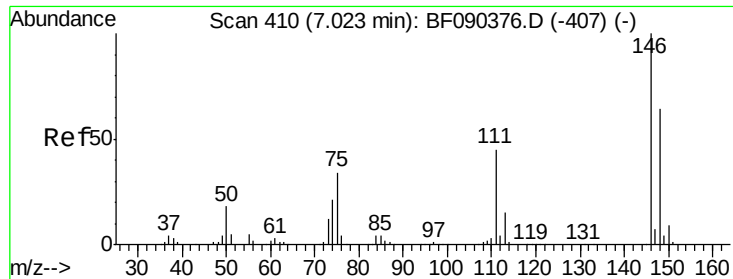
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#12
1,3-Dichlorobenzene
Concen: 39.51 ng
RT: 6.93 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.4
75	28.0	21.4	32.2





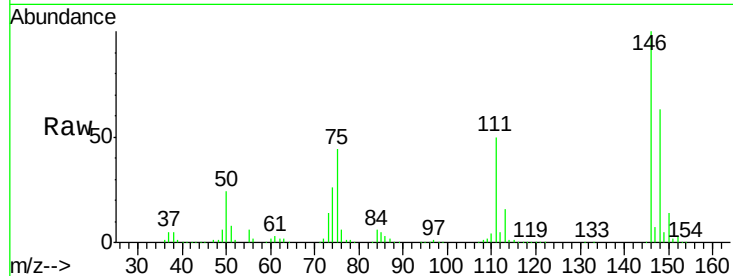
#13
1,4-Dichlorobenzene
Concen: 37.17 ng
RT: 7.00 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

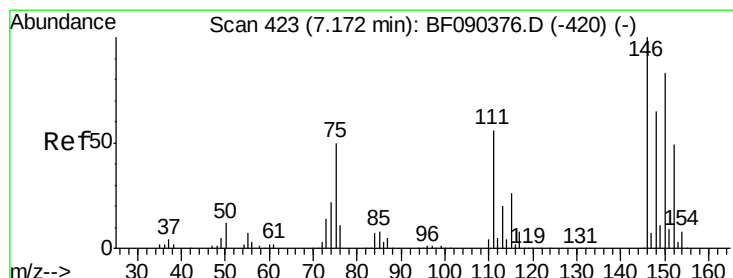
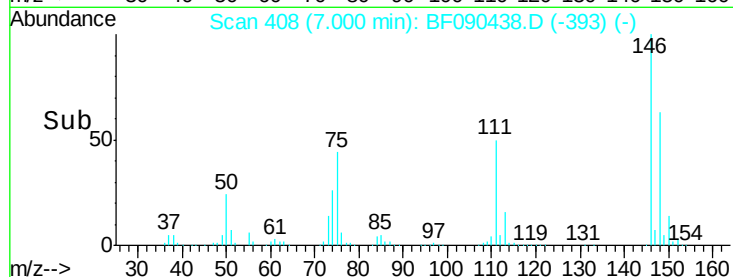
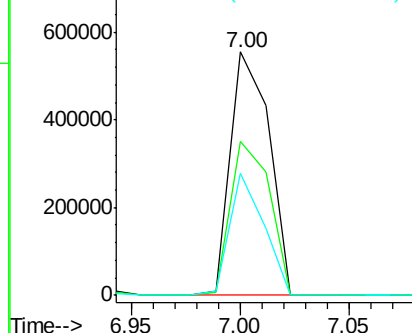
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	50.2	37.8	56.6

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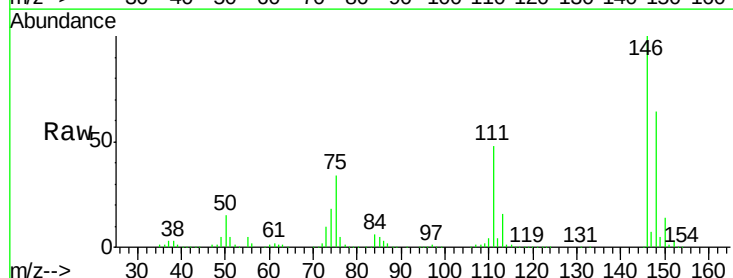


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

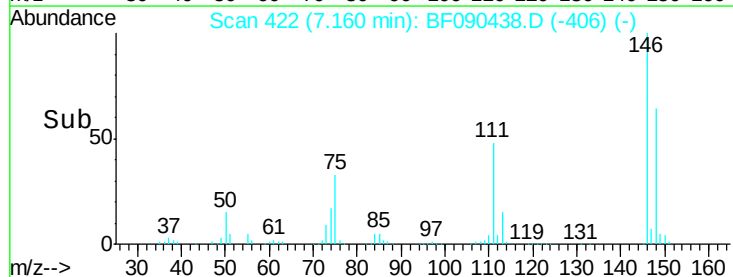
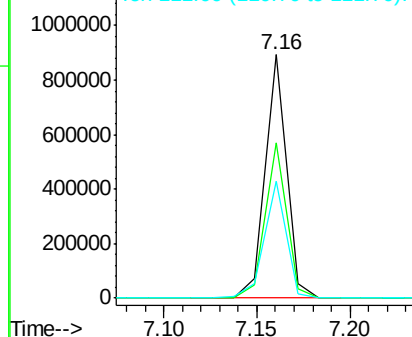


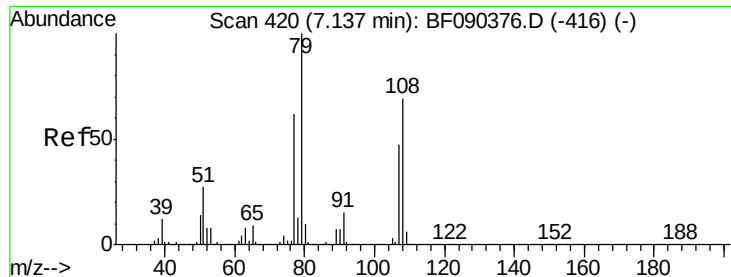
#14
1,2-Dichlorobenzene
Concen: 39.44 ng
RT: 7.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.3	78.5
111	48.0	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.64 ng

RT: 7.13 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

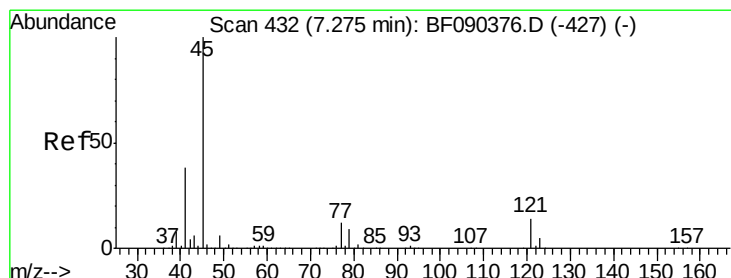
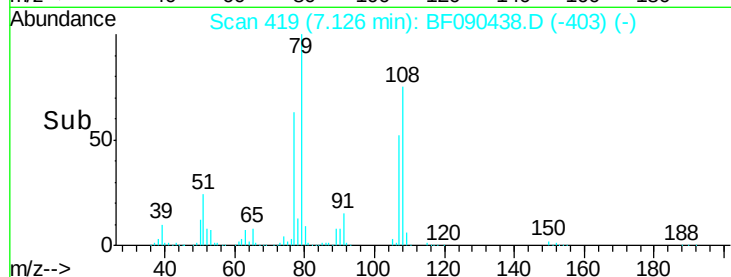
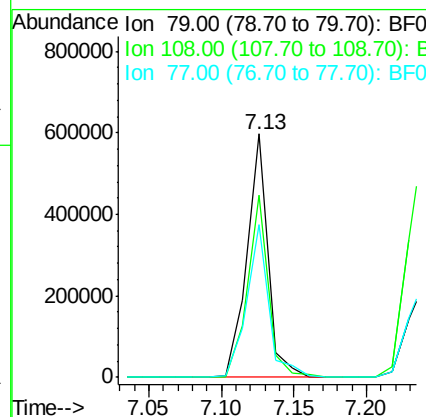
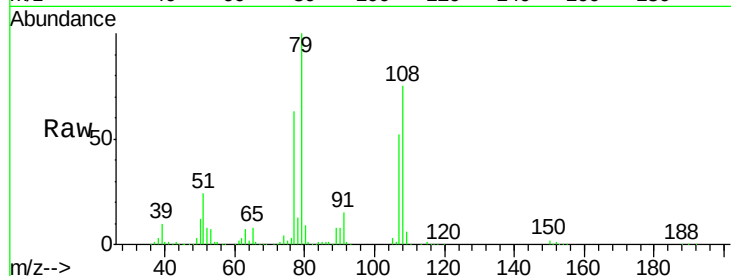
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	603364
Ion	Ratio	Lower	Upper
79	100		
108	75.1	60.9	91.3
77	62.9	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.15 ng

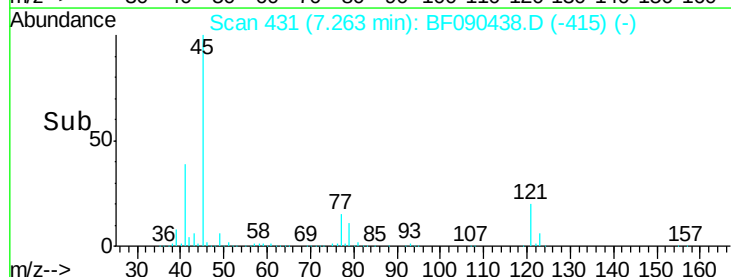
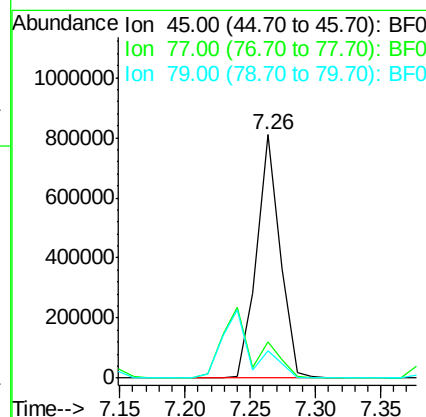
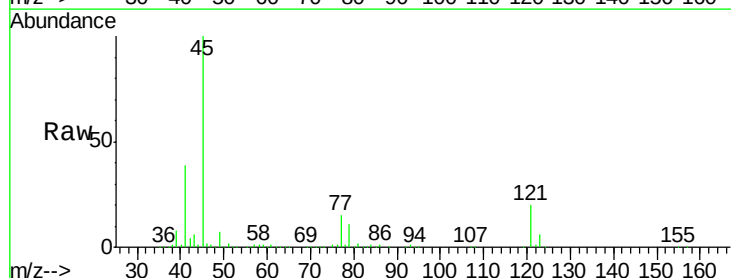
RT: 7.26 min Scan# 431

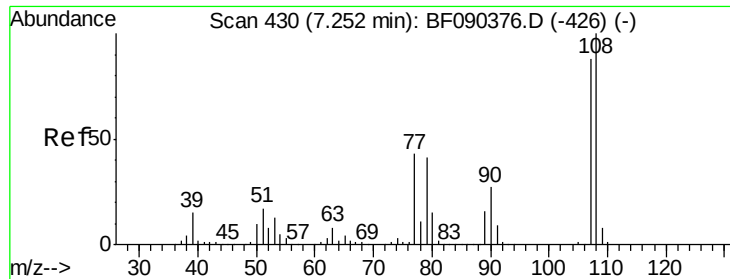
Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Tgt Ion:	45	Resp:	1018721
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	30.8
79	11.1	0.0	28.2





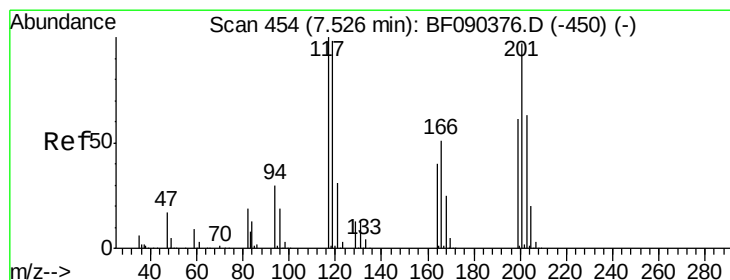
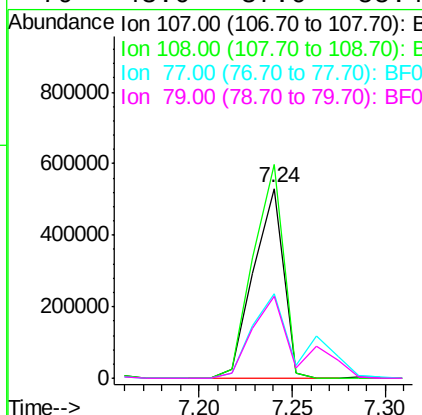
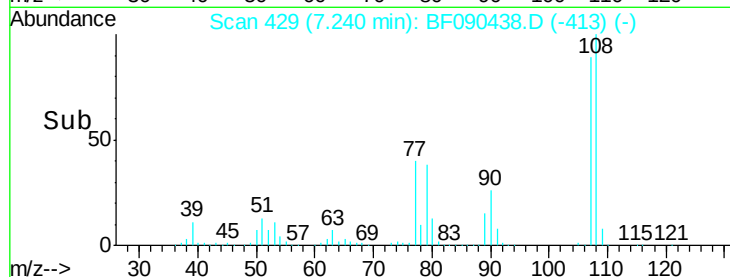
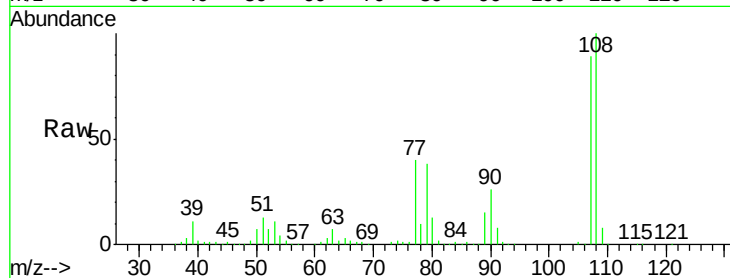
#17
2-Methylphenol
Concen: 39.46 ng
RT: 7.24 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	590573
Ion Ratio	Lower	Upper	
107	100		
108	112.5	90.9	136.3
77	44.6	38.2	57.4
79	43.0	37.0	55.4

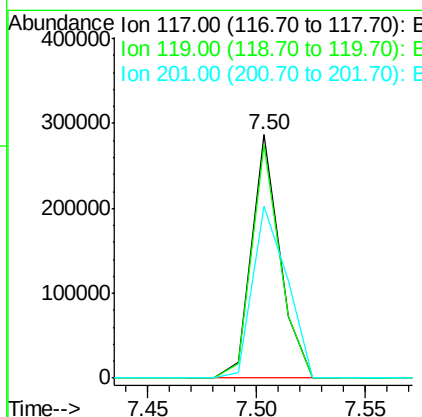
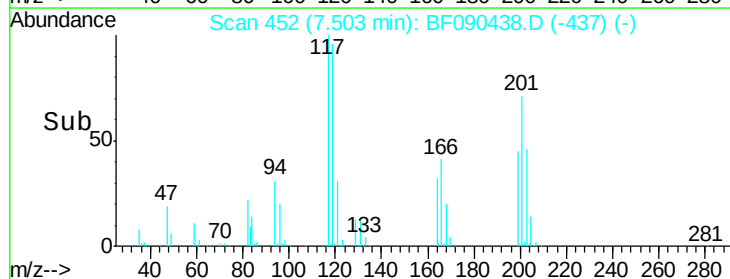
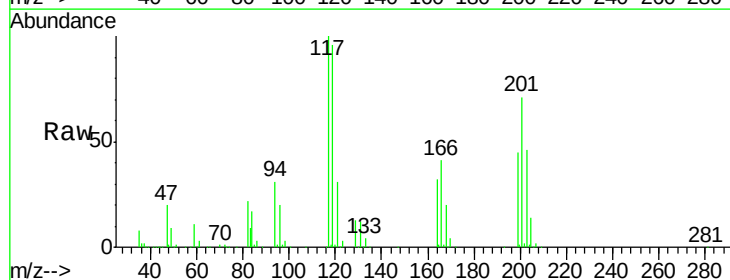
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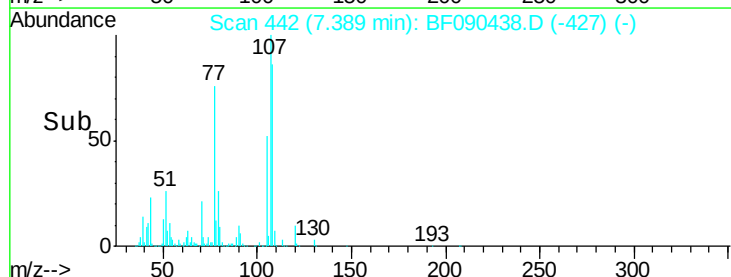
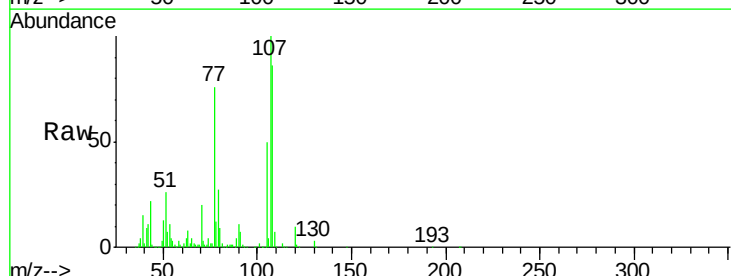
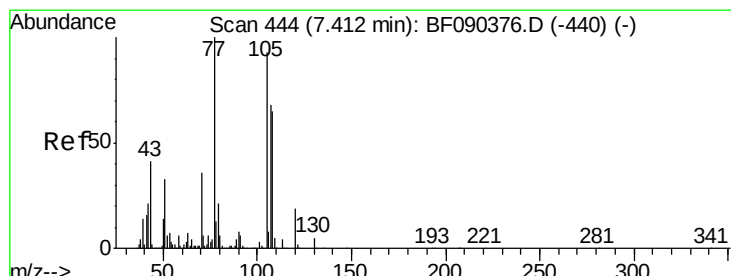
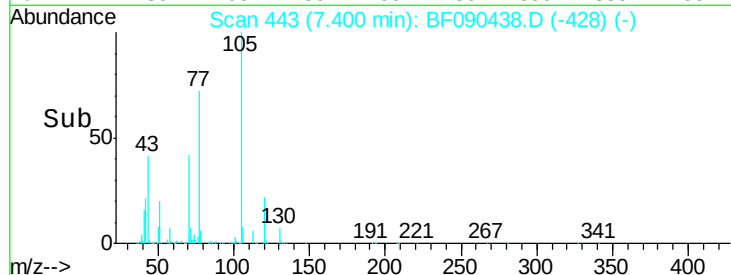
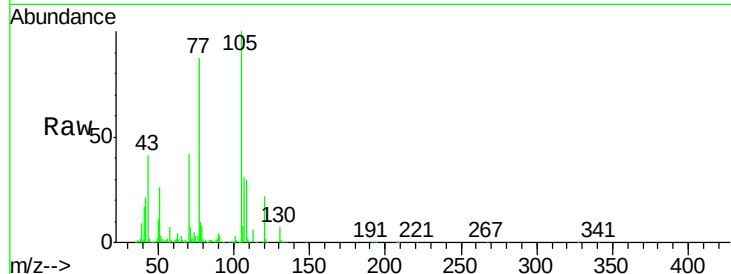
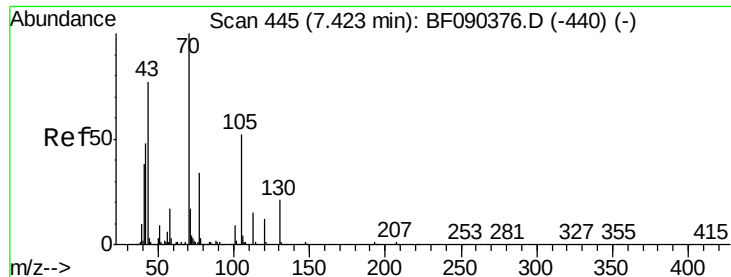
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#18
Hexachloroethane
Concen: 35.77 ng
RT: 7.50 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion:	117	Resp:	259818
Ion Ratio	Lower	Upper	
117	100		
119	95.8	75.9	113.9
201	70.7	66.5	99.7





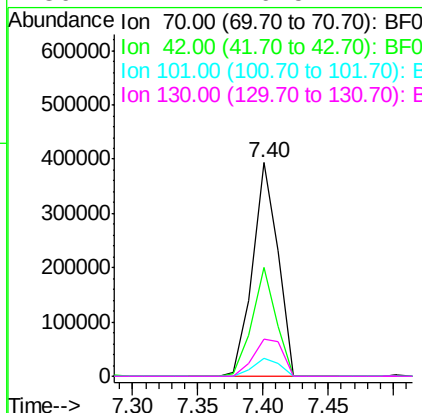
#19
n-Nitroso-di-n-propylamine
Concen: 33.37 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	55.4	83.2#
101	8.4	7.6	11.4
130	17.1	16.5	24.7

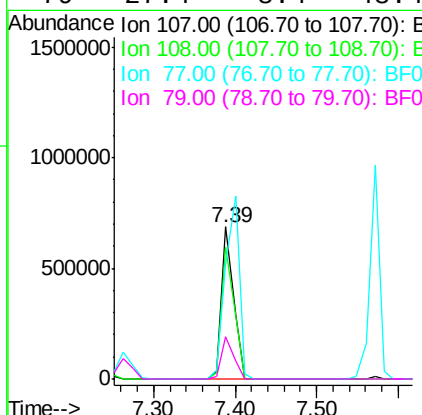
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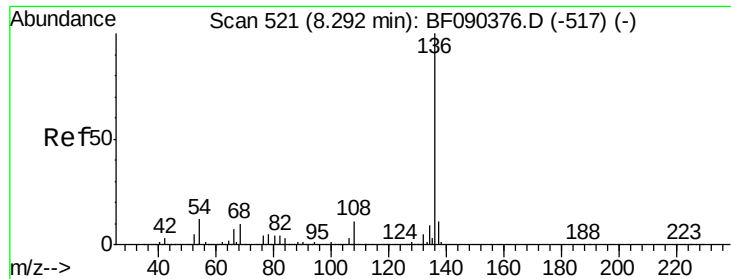
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#20
3+4-Methylphenols
Concen: 36.14 ng
RT: 7.39 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	66.7	106.7
77	75.6	53.7	93.7
79	27.4	8.4	48.4





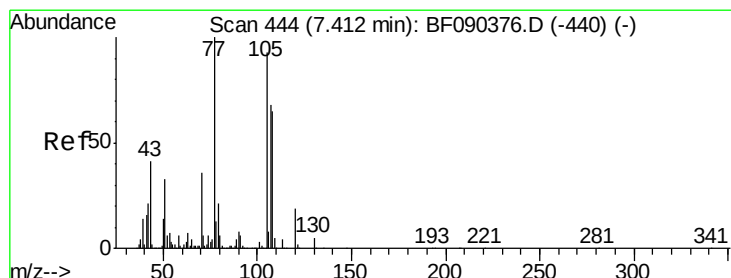
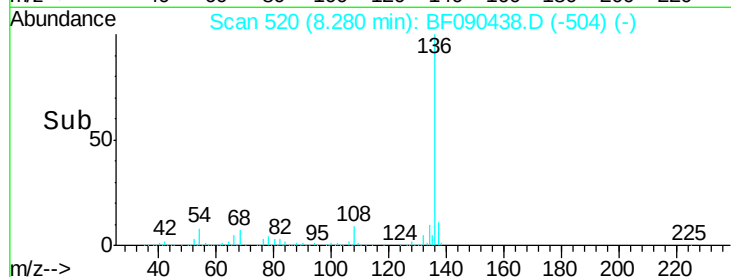
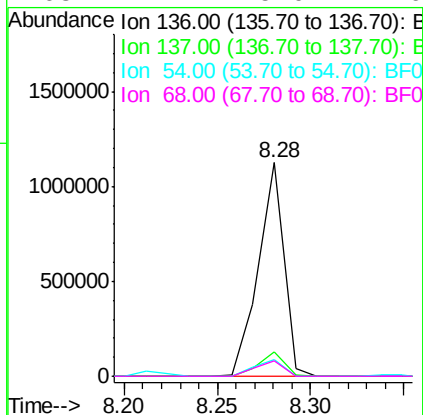
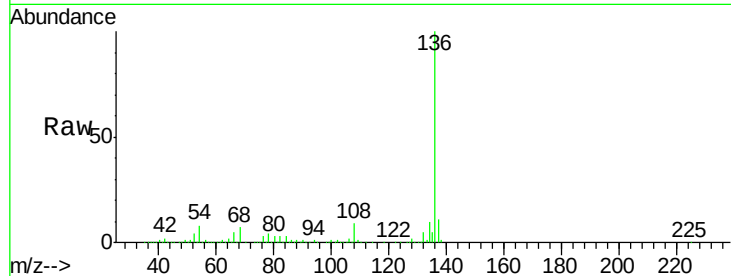
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.8	6.6	10.0
68	7.2	5.0	7.6

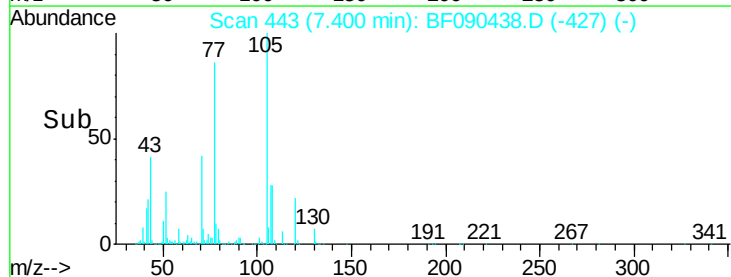
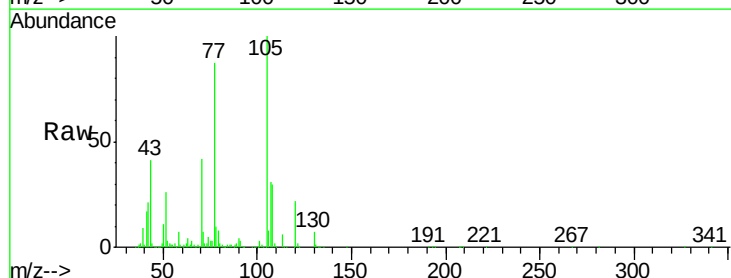
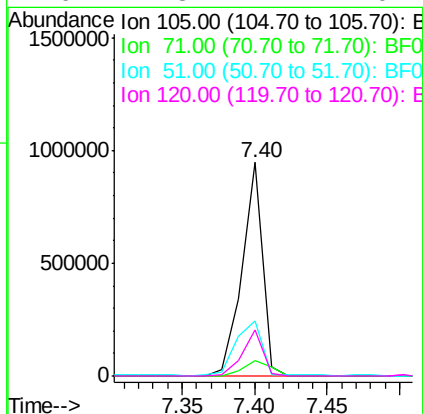
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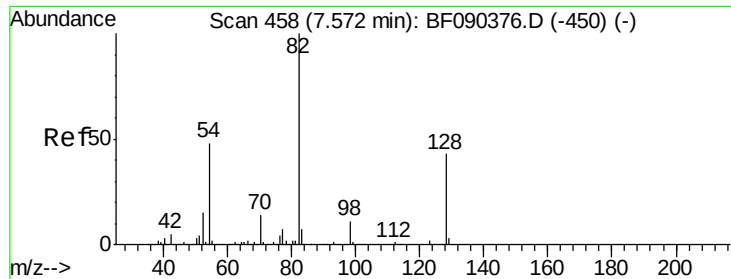
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#22
Acetophenone
Concen: 37.04 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.4	3.8	5.6#
51	25.8	28.2	42.4#
120	21.8	17.4	26.2





#23

Nitrobenzene-d5

Concen: 71.38 ng

RT: 7.55 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1558498

Ion Ratio Lower Upper

82 100

128 40.1 40.0 60.0

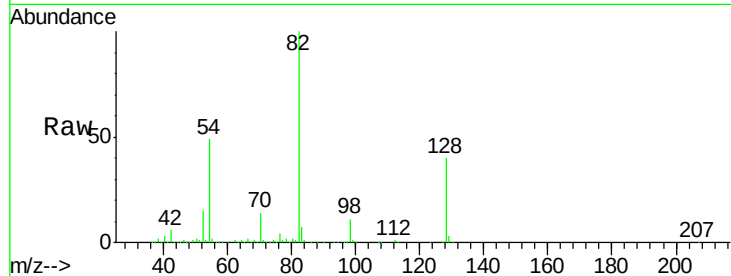
54 48.9 42.6 64.0

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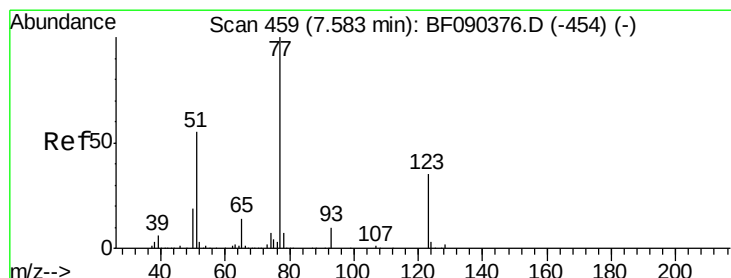
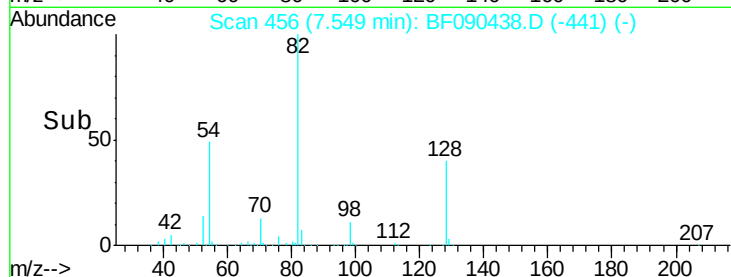
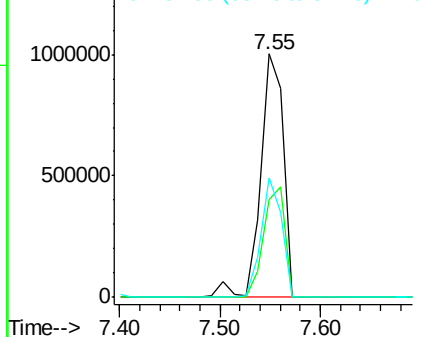
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.38 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

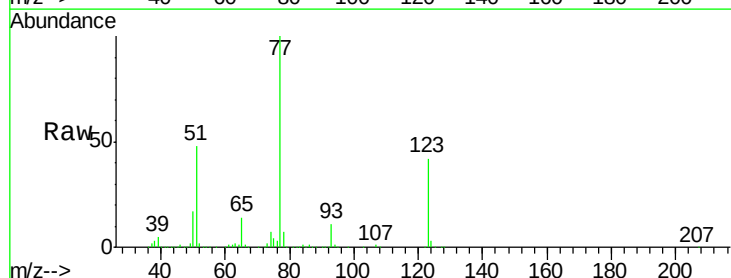
Tgt Ion: 77 Resp: 810339

Ion Ratio Lower Upper

77 100

123 41.7 33.0 49.4

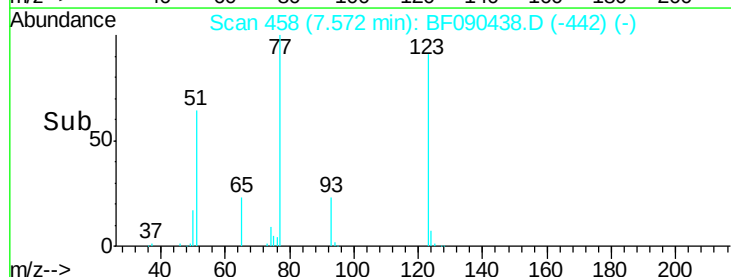
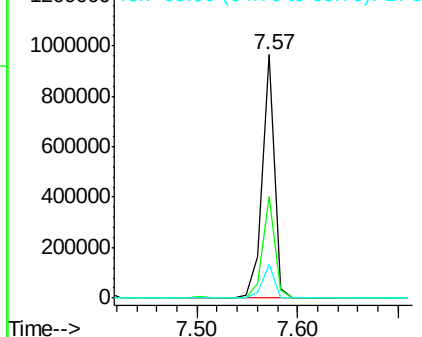
65 13.7 12.0 18.0

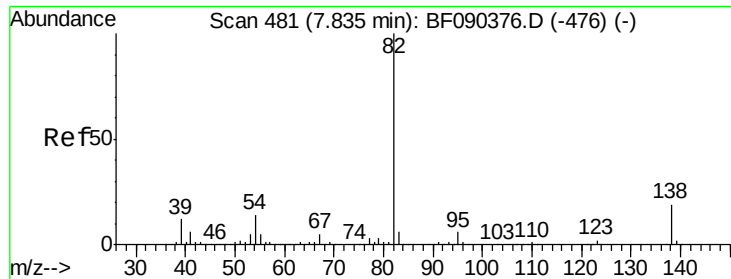


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.92 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1433797

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

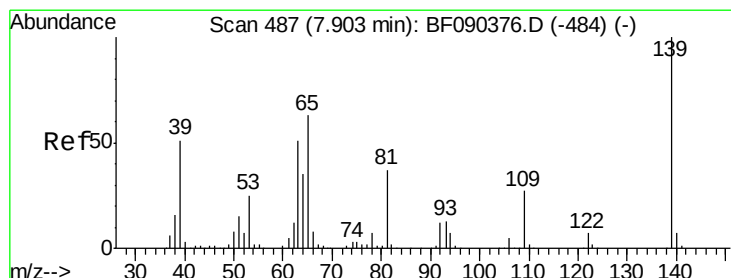
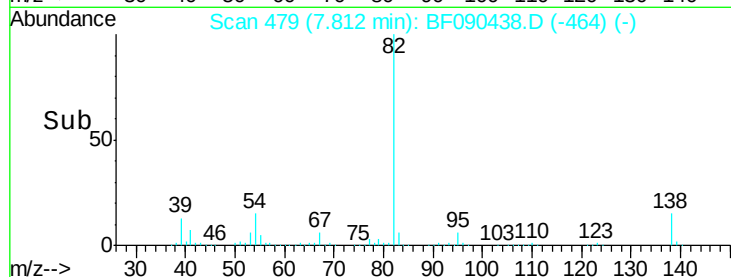
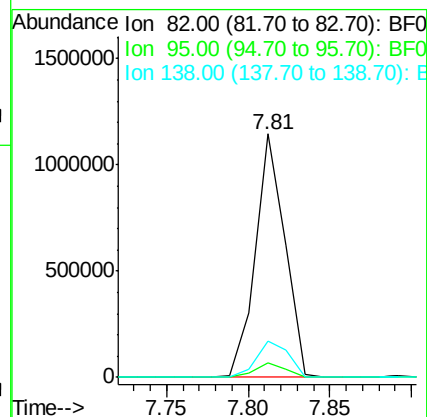
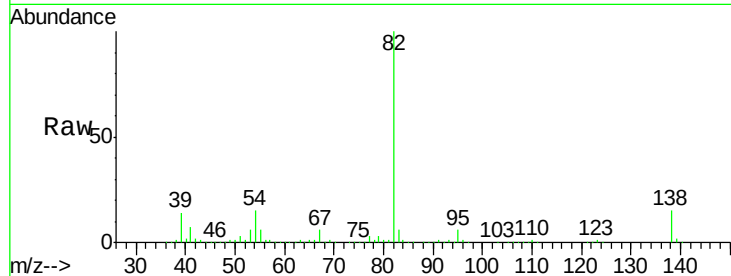
138 15.0 13.0 19.4

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#26

2-Nitrophenol

Concen: 44.63 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

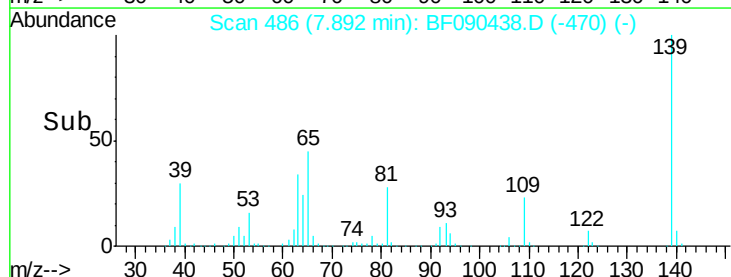
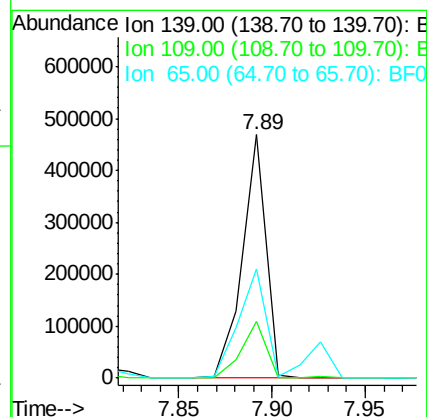
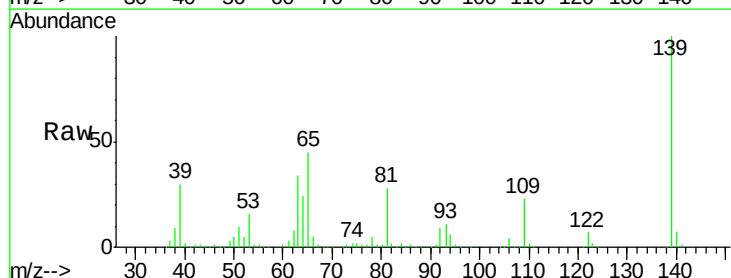
Tgt Ion: 139 Resp: 416359

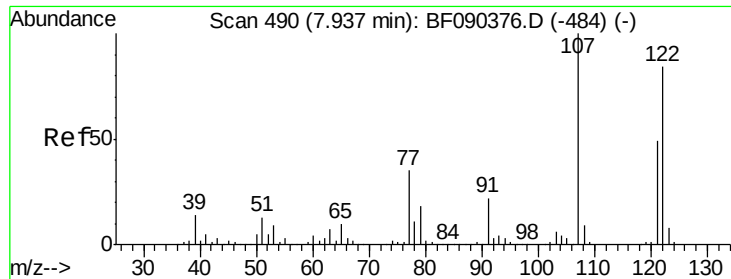
Ion Ratio Lower Upper

139 100

109 23.1 18.9 28.3

65 45.0 31.6 47.4





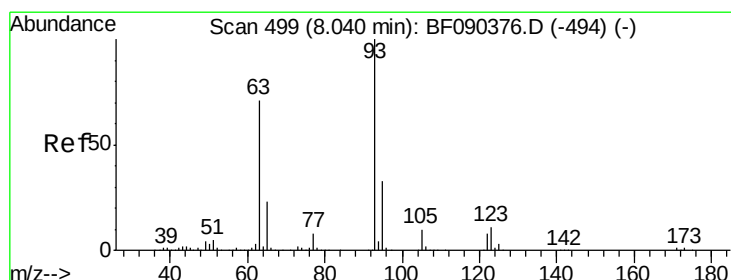
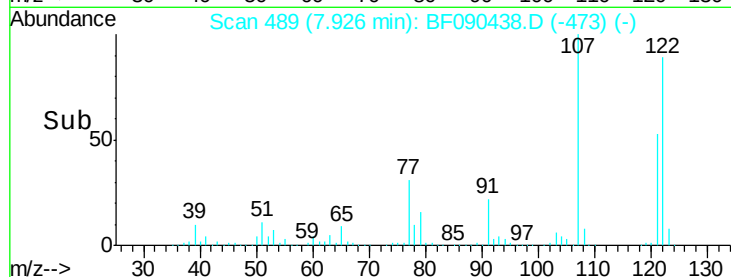
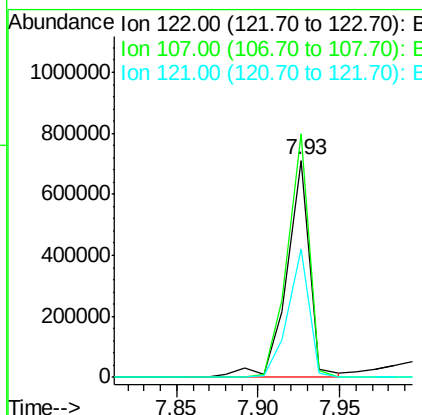
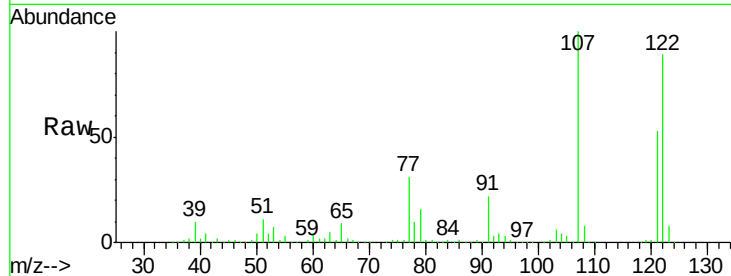
#27
 2,4-Dimethylphenol
 Concen: 38.28 ng
 RT: 7.93 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	694560		
107	112.1	88.6	132.8	
121	58.9	47.5	71.3	

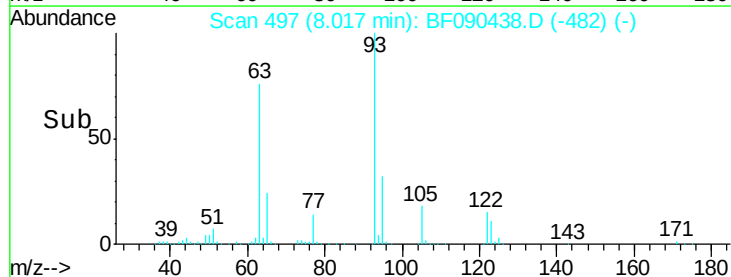
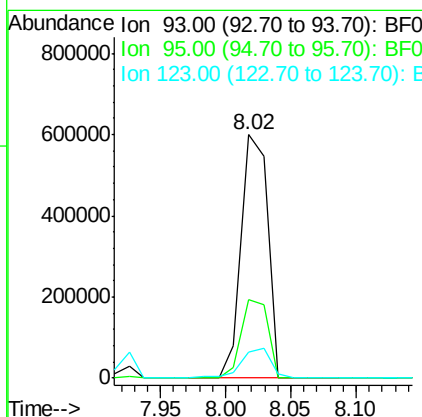
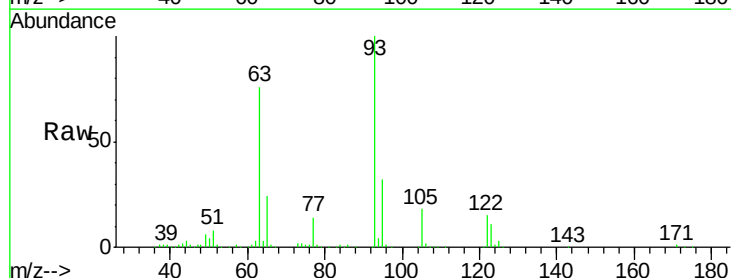
Manual Integrations
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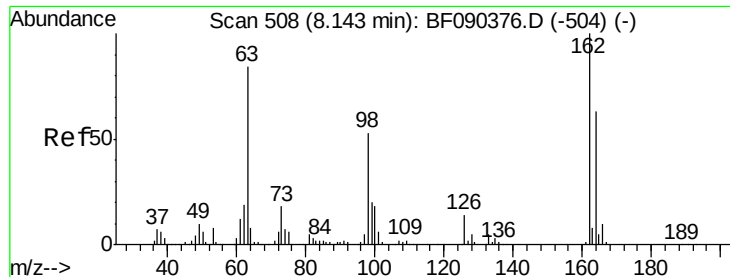
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.77 ng
 RT: 8.02 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	844409		
95	32.3	27.0	40.4	
123	10.6	11.1	16.7	





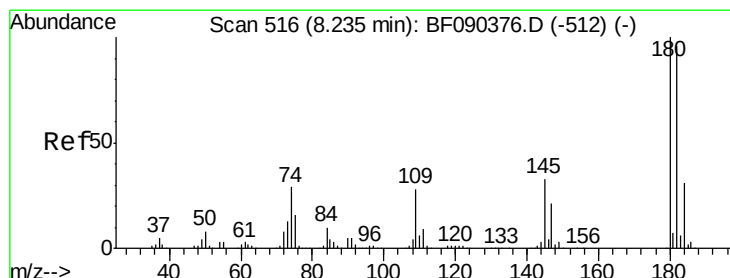
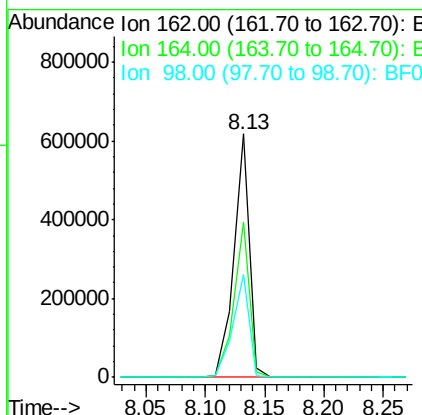
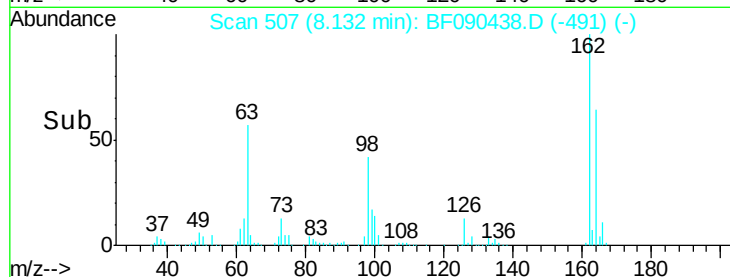
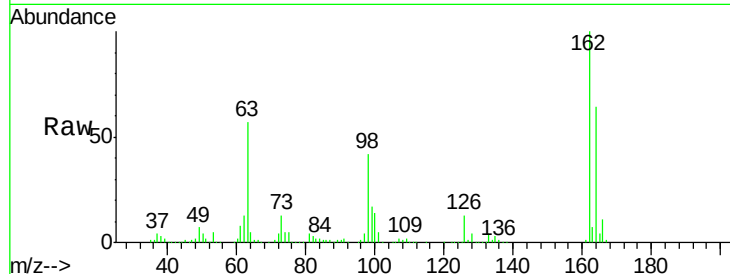
#29
2,4-Dichlorophenol
Concen: 40.59 ng
RT: 8.13 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	559956		
164	63.9	45.7	85.7	
98	42.4	13.3	53.3	

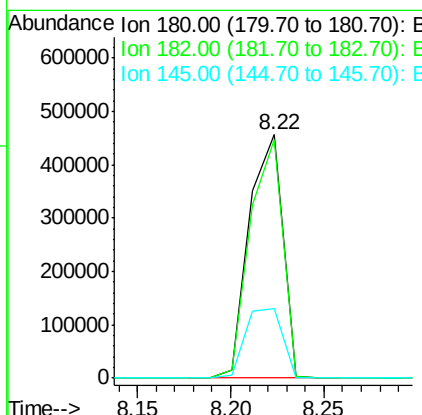
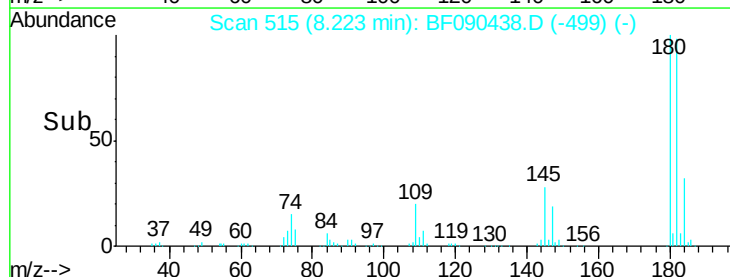
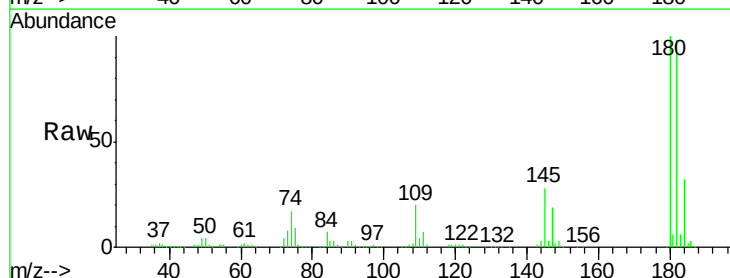
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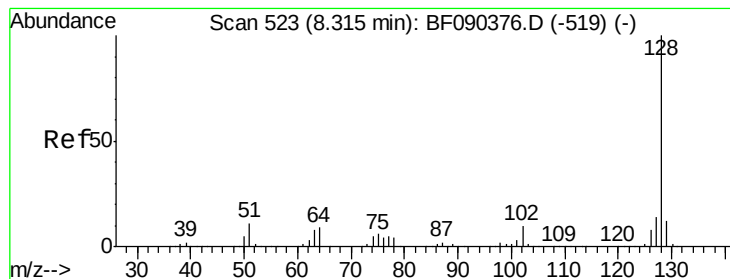
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#30
1,2,4-Trichlorobenzene
Concen: 39.76 ng
RT: 8.22 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	565314		
182	97.7	75.3	112.9	
145	28.4	27.7	41.5	





#31

Naphthalene

Concen: 39.09 ng

RT: 8.30 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 2003192

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

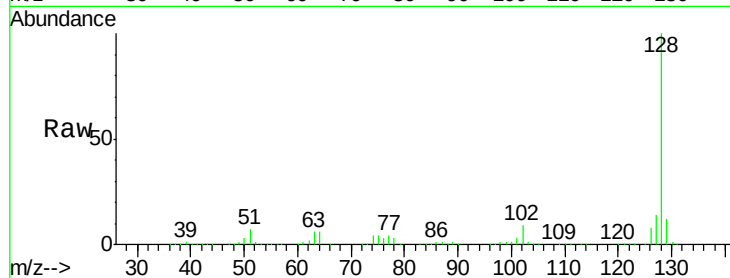
127 13.8 11.7 17.5

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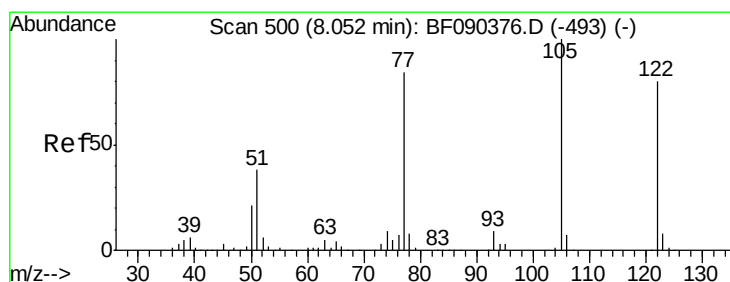
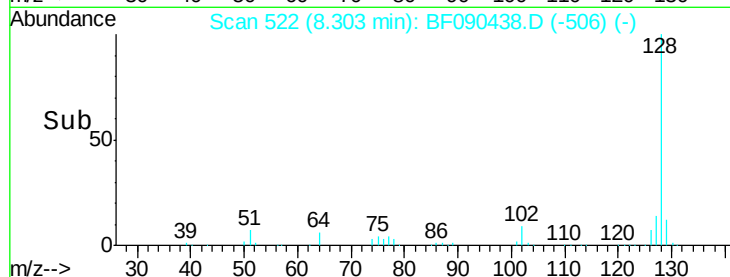
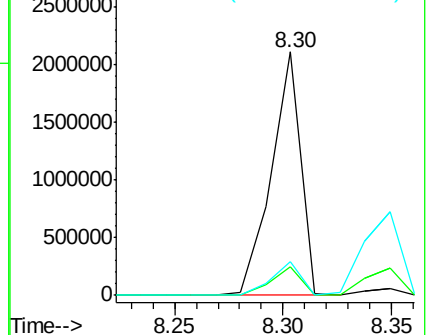
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.95 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

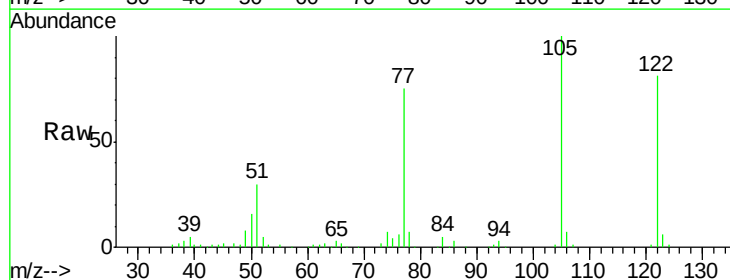
Tgt Ion:122 Resp: 390355

Ion Ratio Lower Upper

122 100

105 123.1 103.9 143.9

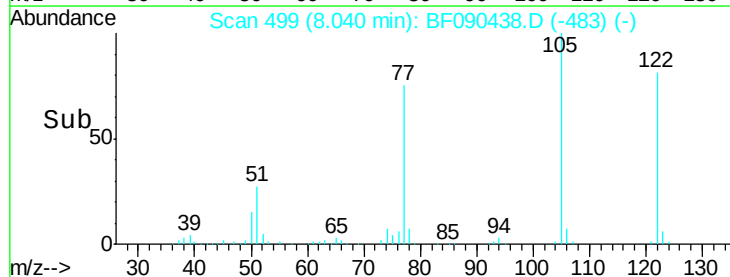
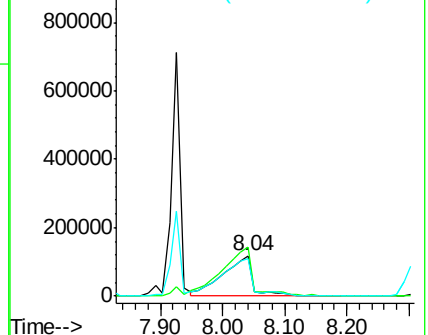
77 92.1 74.6 114.6

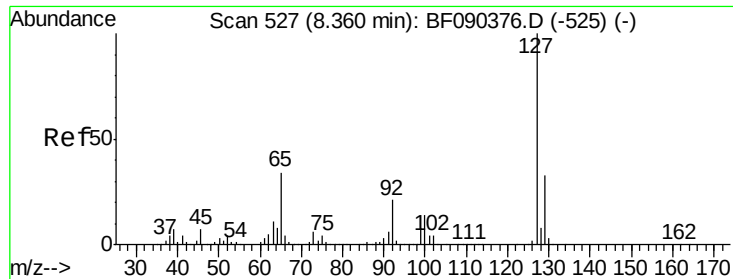


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





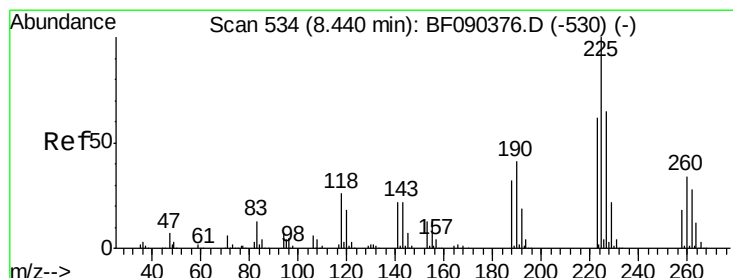
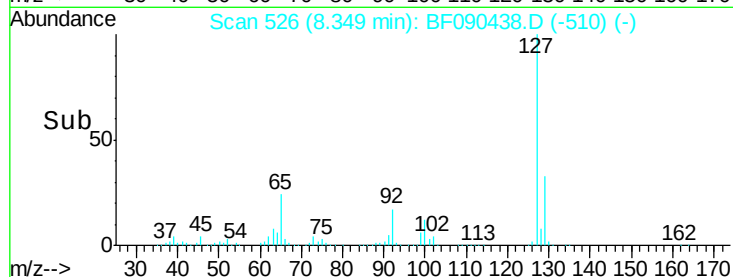
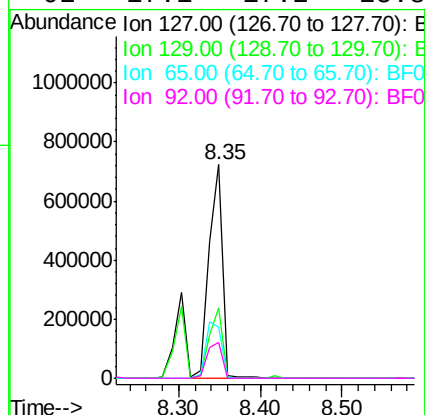
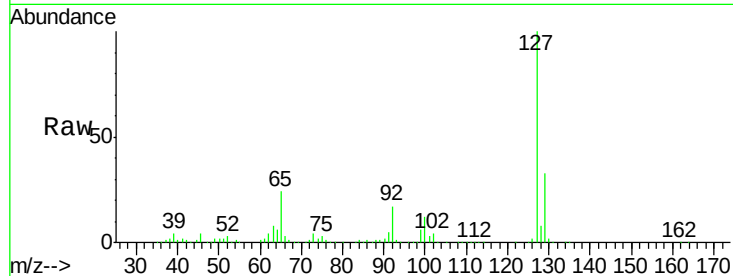
#33
4-Chloroaniline
Concen: 40.18 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	24.1	32.5	48.7#
92	17.1	17.2	25.8#

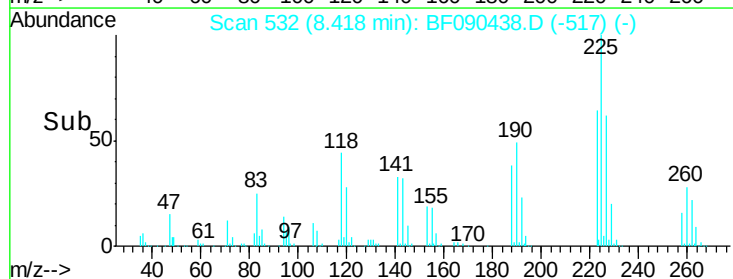
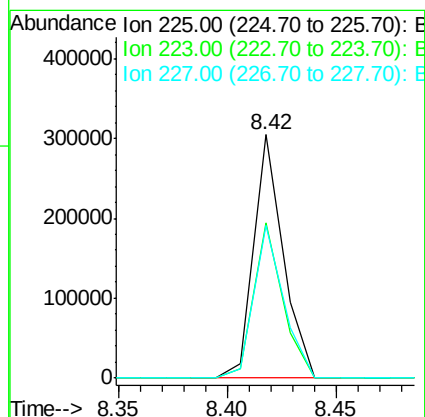
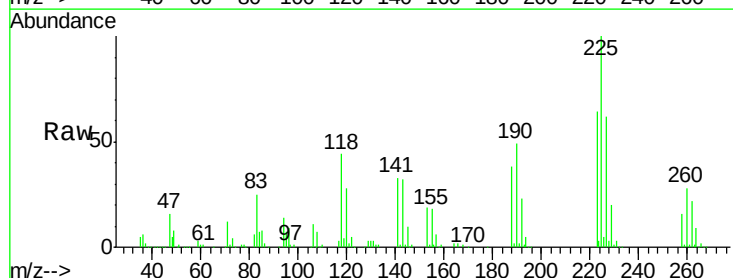
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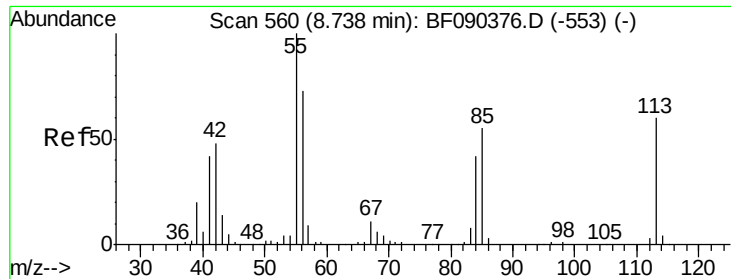
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#34
Hexachlorobutadiene
Concen: 35.99 ng
RT: 8.42 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	62.5	50.8	76.2





#35

Caprolactam

Concen: 46.86 ng m

RT: 8.73 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion:113 Resp: 217353
Ion Ratio Lower Upper

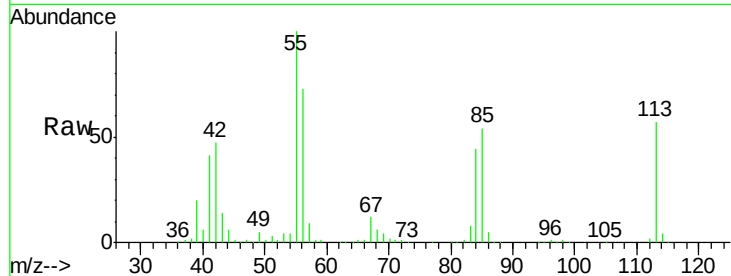
113 100

55 176.4 203.3 243.3#

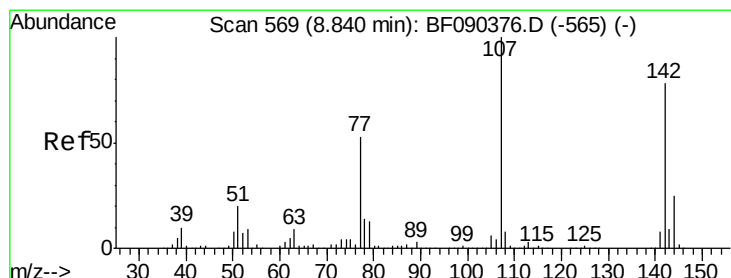
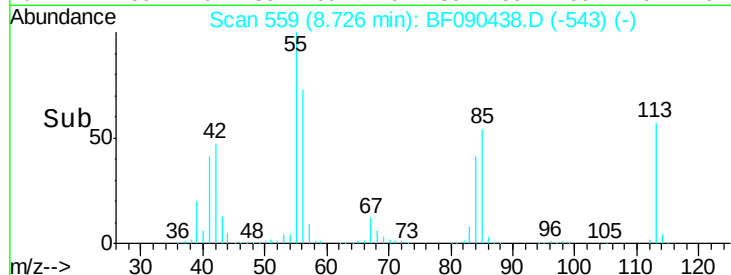
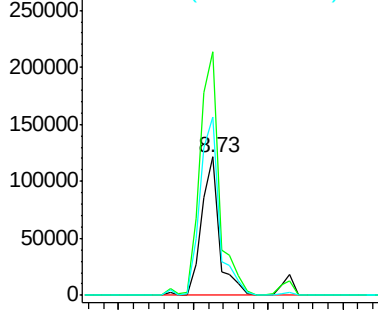
56 128.9 140.5 180.5#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.19 ng

RT: 8.83 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF090438.D

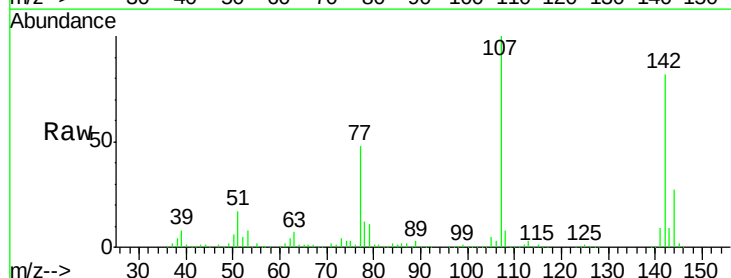
Acq: 7 Oct 2016 11:44

Tgt Ion:107 Resp: 711508
Ion Ratio Lower Upper

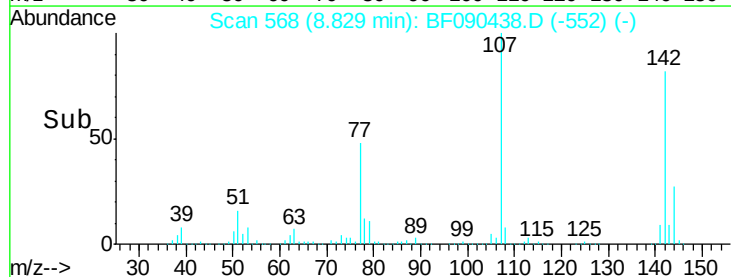
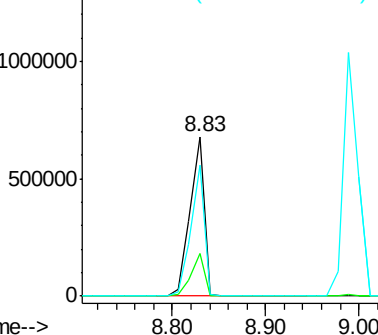
107 100

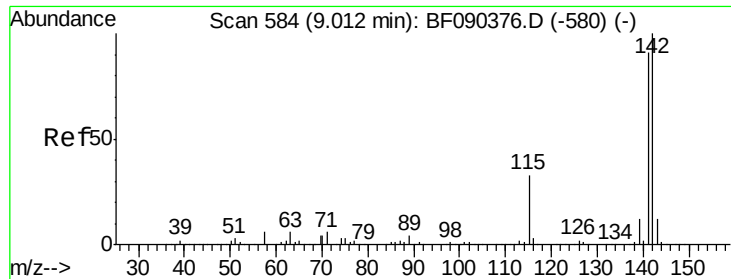
144 26.9 19.8 29.8

142 82.3 60.7 91.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





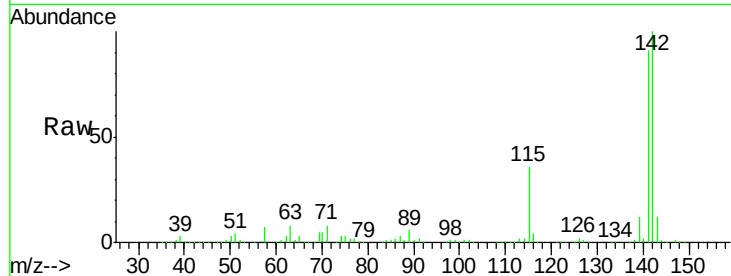
#37
 2-Methylnaphthalene
 Concen: 36.62 ng
 RT: 8.99 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

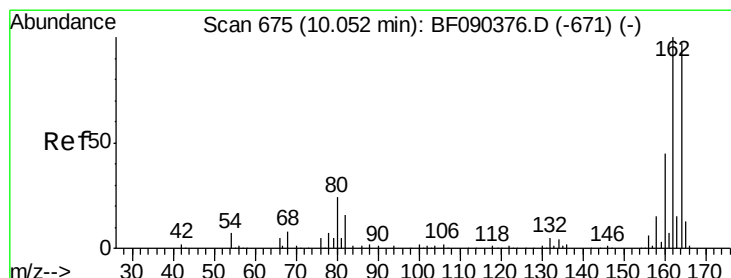
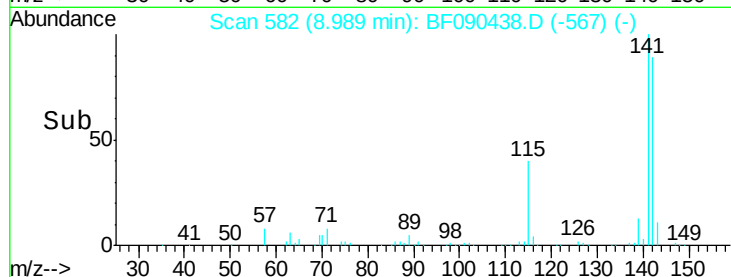
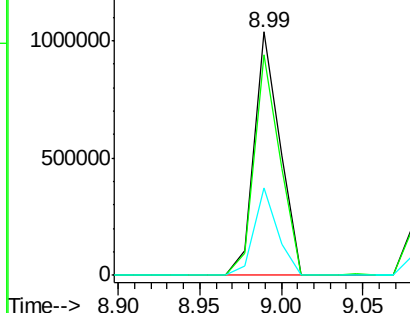
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.8	107.8
115	35.8	28.8	43.2

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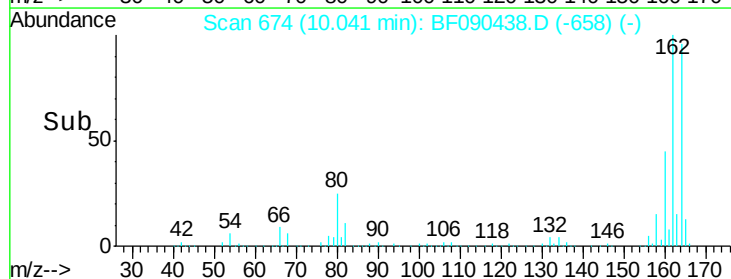
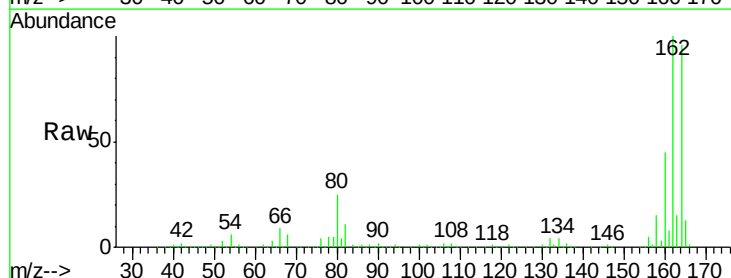
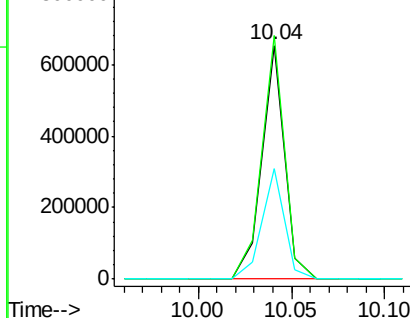
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

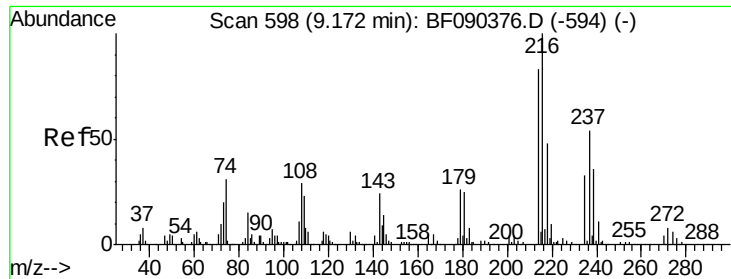


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.1	120.1
160	47.2	36.3	54.5

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





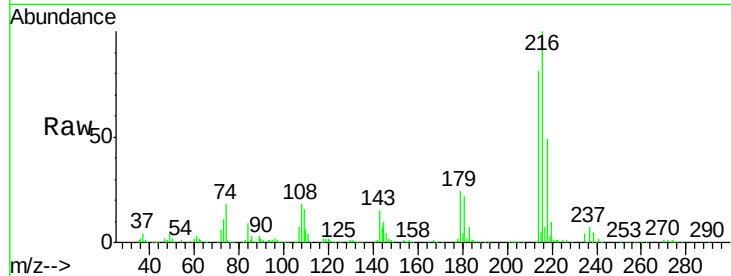
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.83 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

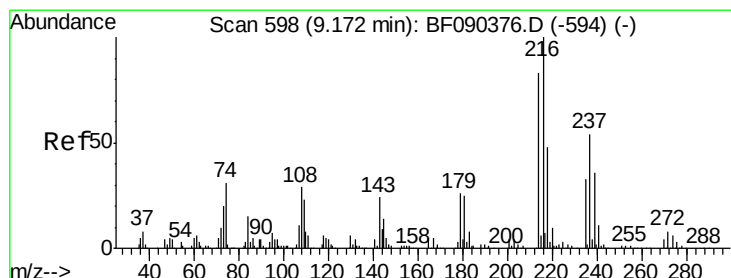
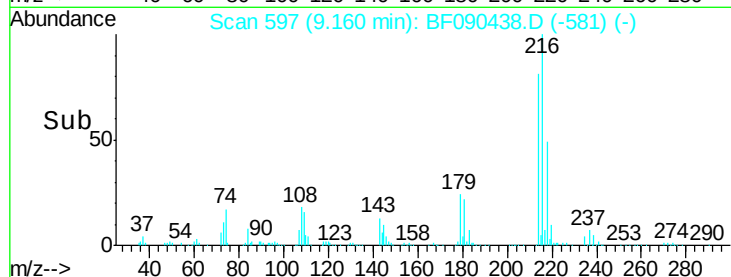
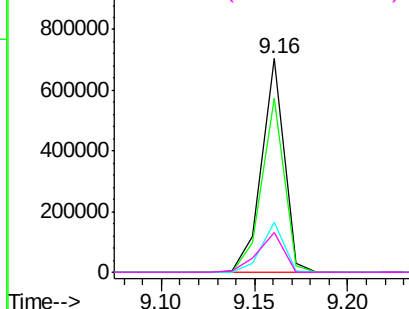
Tgt Ion:	216	Resp:	587393
Ion Ratio	Lower	Upper	
216	100		
214	81.2	64.2	96.2
179	23.7	18.0	27.0
108	21.4	15.2	22.8

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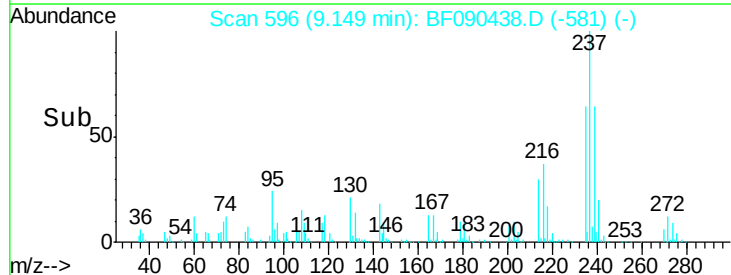
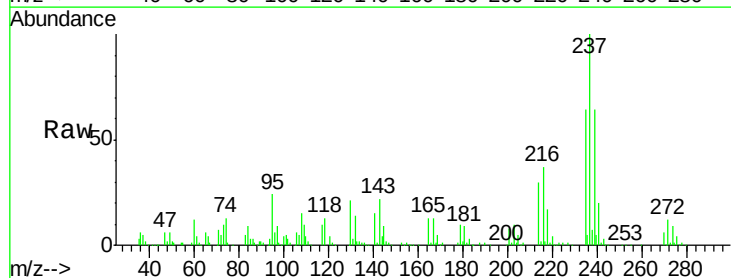
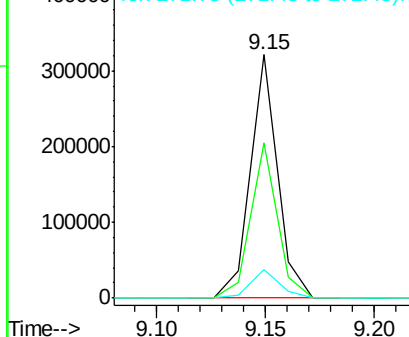
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

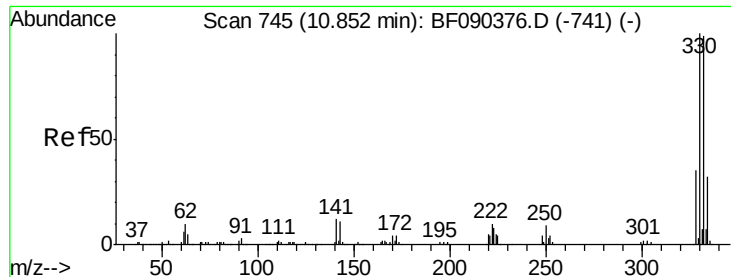


#40
 Hexachlorocyclopentadiene
 Concen: 34.37 ng
 RT: 9.15 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion:	237	Resp:	277861
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.6	83.6
272	11.7	0.0	32.7

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





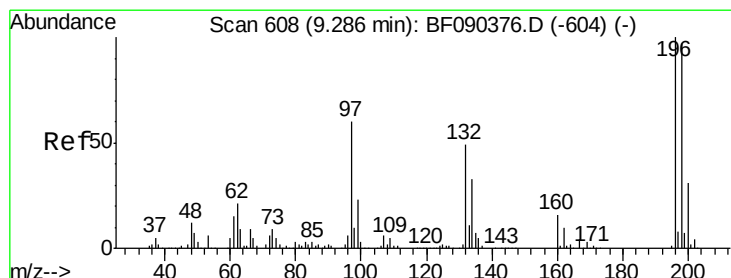
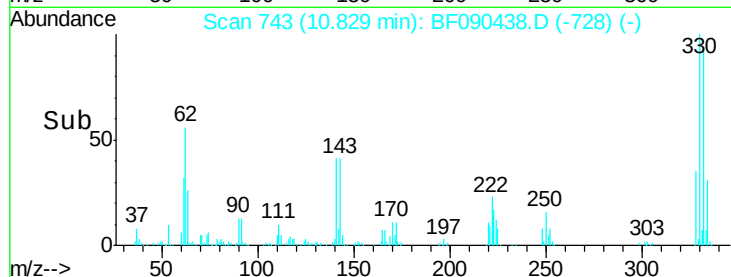
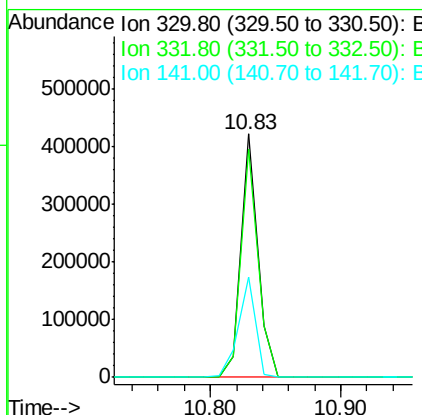
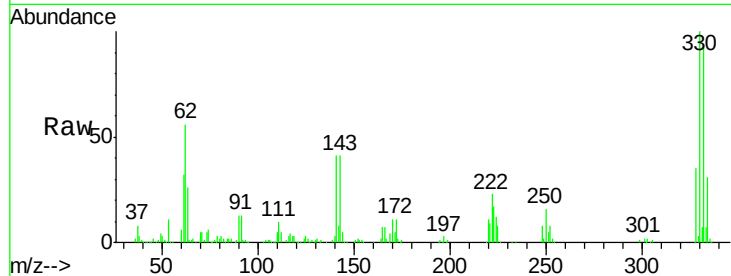
#41
 2,4,6-Tribromophenol
 Concen: 83.18 ng
 RT: 10.83 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	378366		
332	95.2	75.4	113.0	
141	41.2	26.9	40.3#	

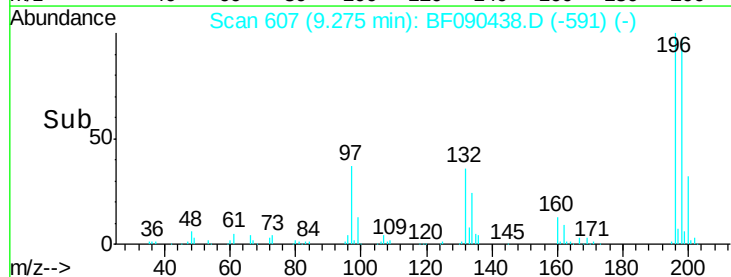
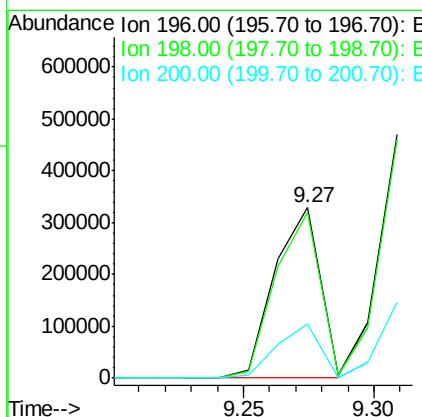
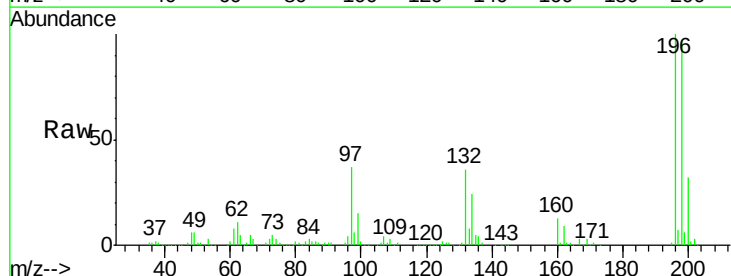
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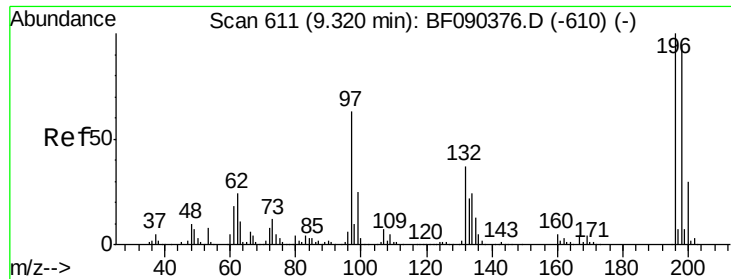
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#42
 2,4,6-Trichlorophenol
 Concen: 39.24 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	399385		
198	97.1	78.9	118.3	
200	31.8	25.4	38.2	





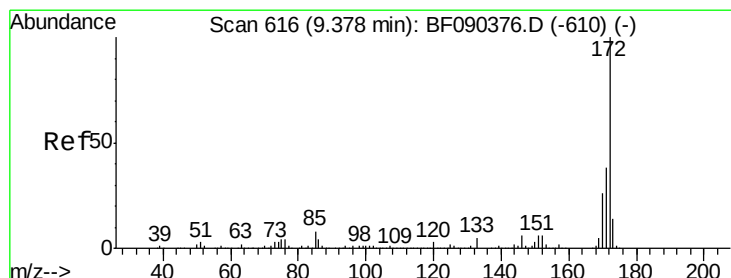
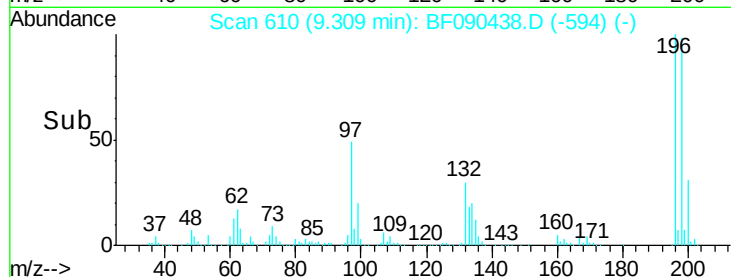
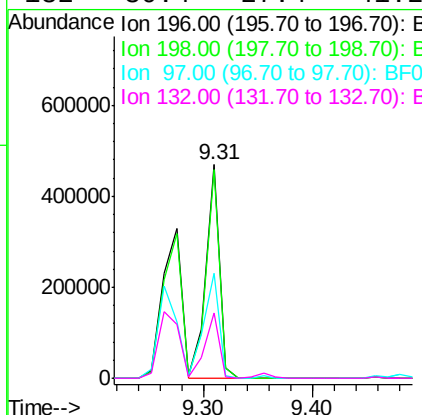
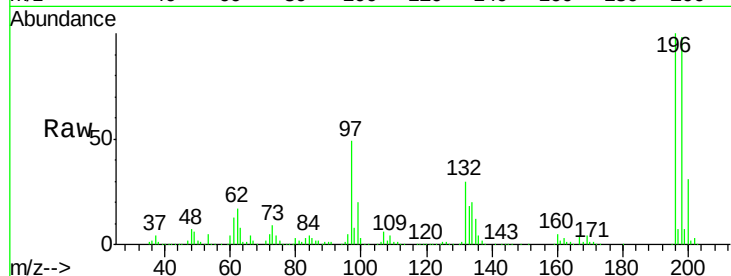
#43
 2,4,5-Trichlorophenol
 Concen: 42.85 ng
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	412394
Ion Ratio	Lower	Upper	
196	100		
198	97.9	78.1	117.1
97	49.4	48.1	72.1
132	30.4	27.4	41.2

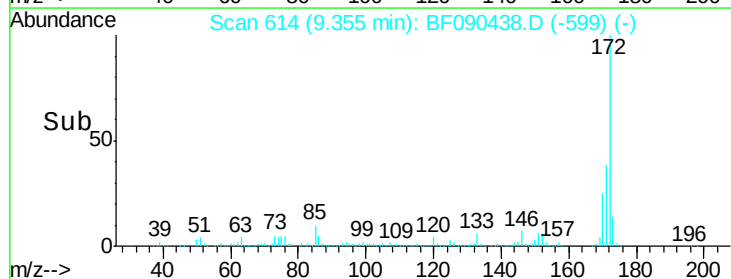
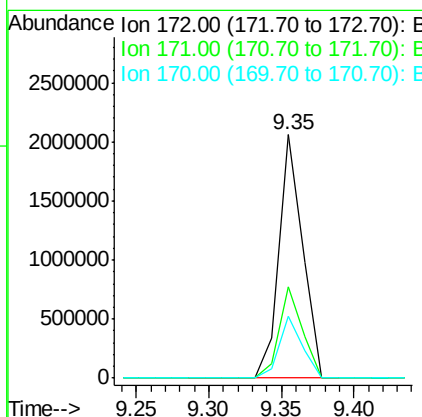
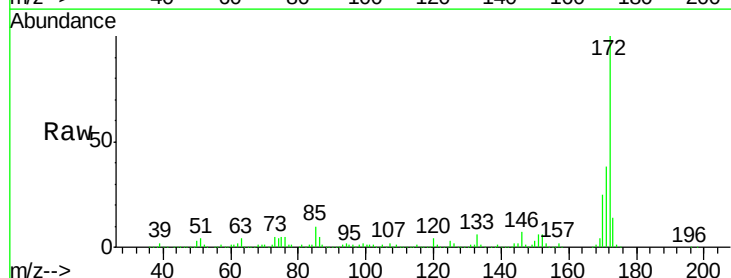
Manual Integrations
 APPROVED

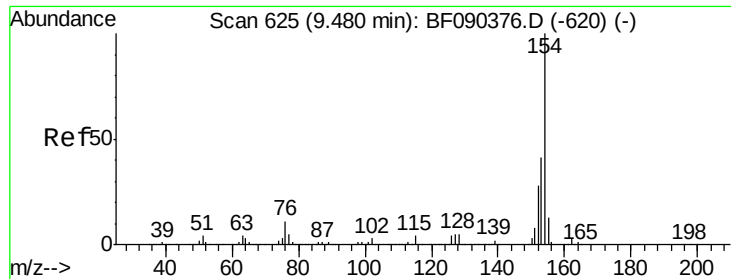
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#44
 2-Fluorobiphenyl
 Concen: 69.03 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion:	172	Resp:	2317623
Ion Ratio	Lower	Upper	
172	100		
171	37.8	31.8	47.8
170	25.4	21.7	32.5





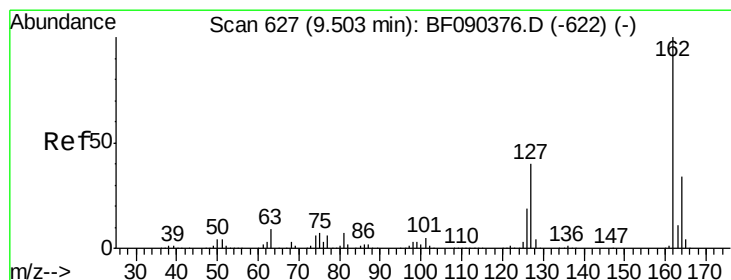
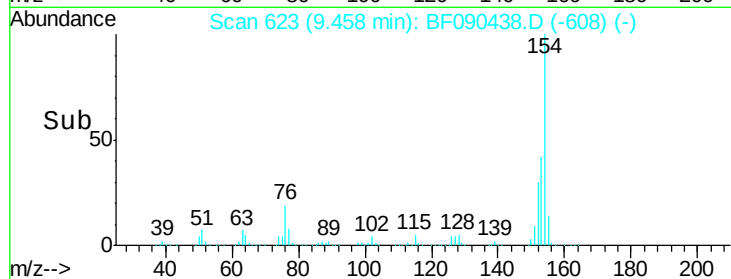
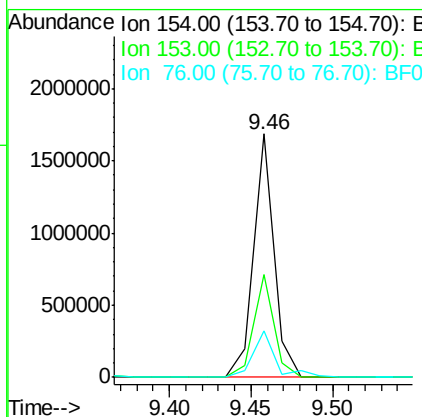
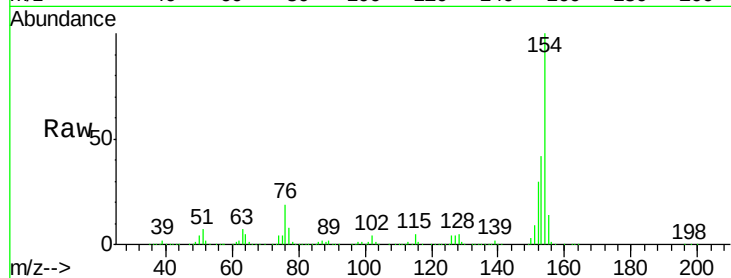
#45
 1,1'-Biphenyl
 Concen: 35.40 ng
 RT: 9.46 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.8	63.8
76	19.0	0.0	35.8

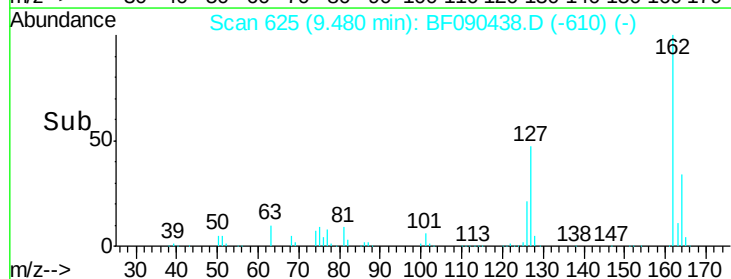
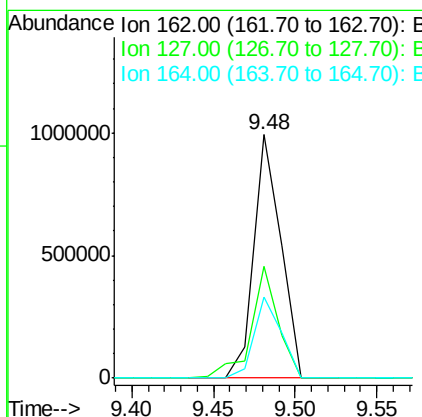
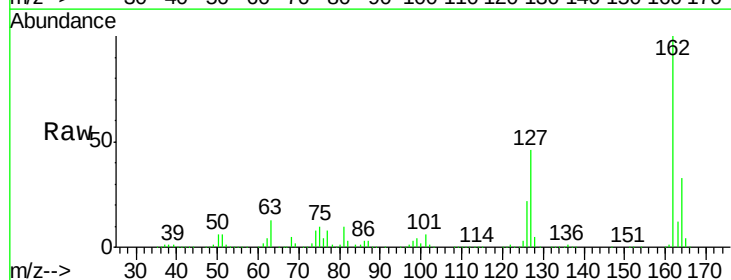
Manual Integrations
 APPROVED

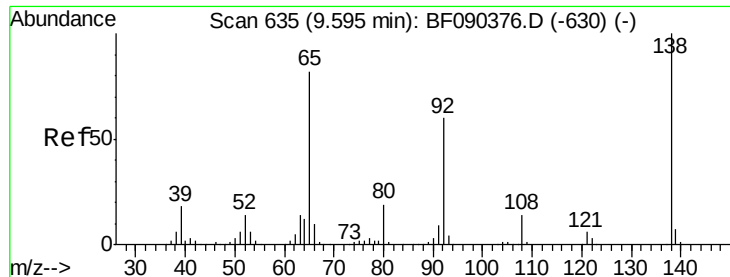
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#46
 2-Chloronaphthalene
 Concen: 37.14 ng
 RT: 9.48 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.0	35.6	53.4
164	33.4	27.5	41.3





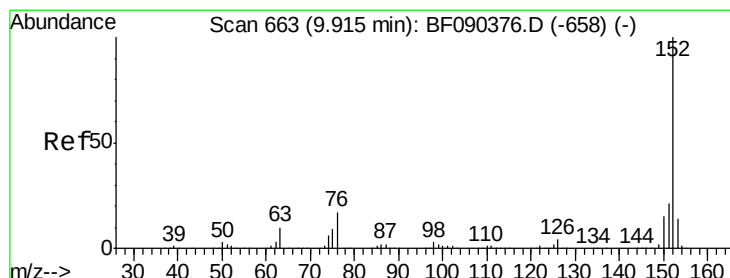
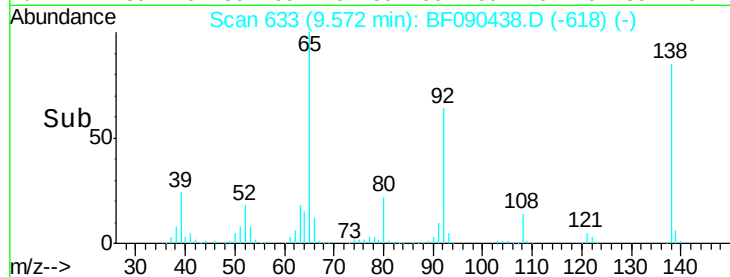
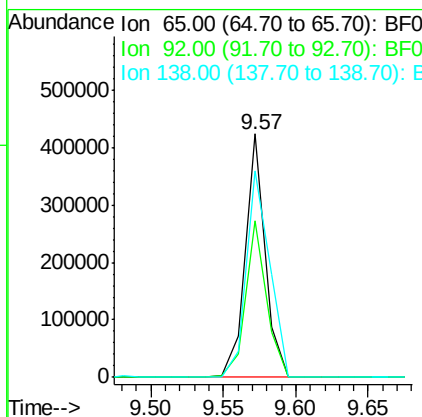
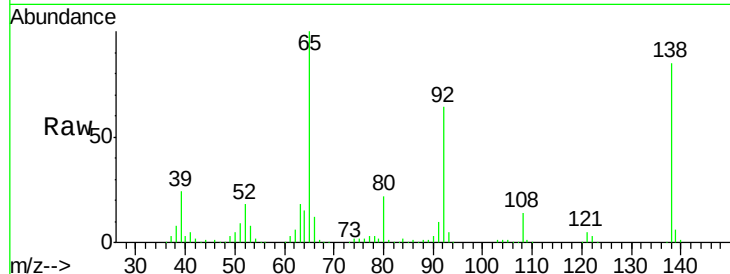
#47
 2-Nitroaniline
 Concen: 33.35 ng
 RT: 9.57 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	65	Resp:	402978
Ion Ratio		Lower	Upper
65	100		
92	64.3	51.7	77.5
138	85.0	79.0	118.4

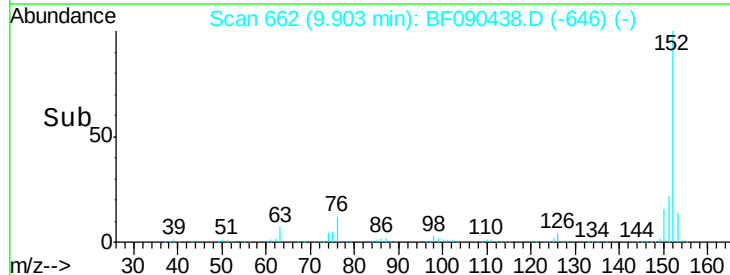
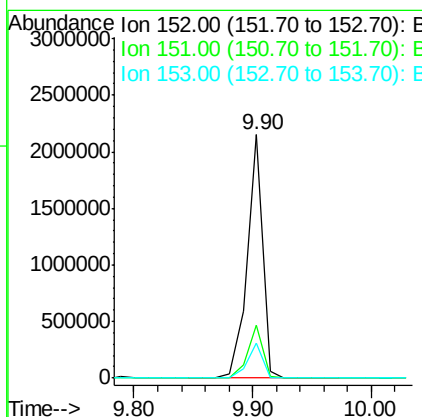
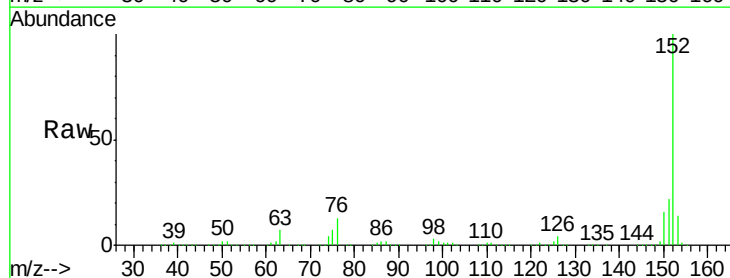
Manual Integrations
 APPROVED

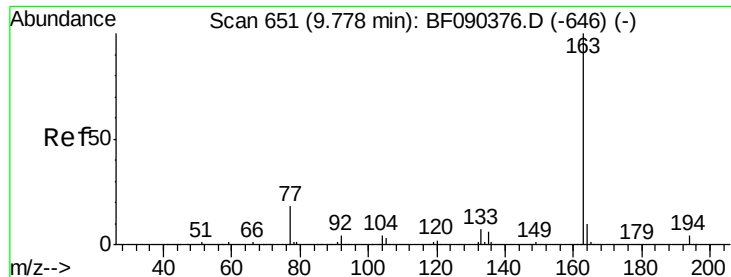
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#48
 Acenaphthylene
 Concen: 38.61 ng
 RT: 9.90 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion:	152	Resp:	1951116
Ion Ratio		Lower	Upper
152	100		
151	21.5	17.4	26.0
153	14.3	11.6	17.4





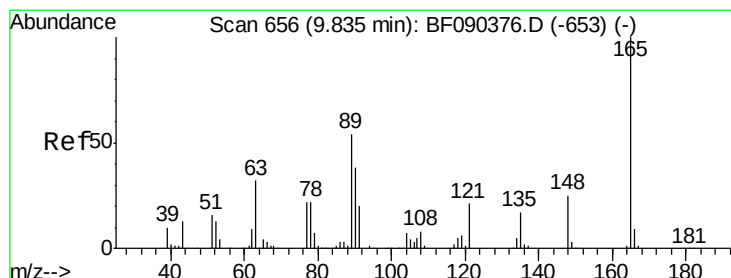
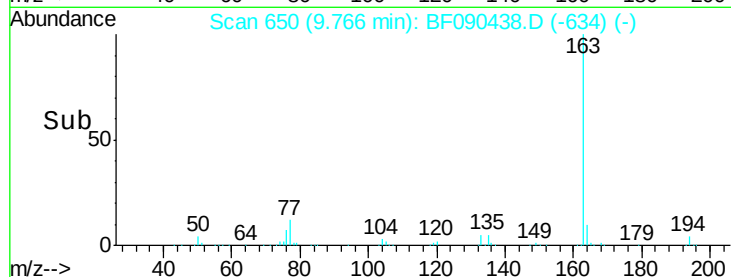
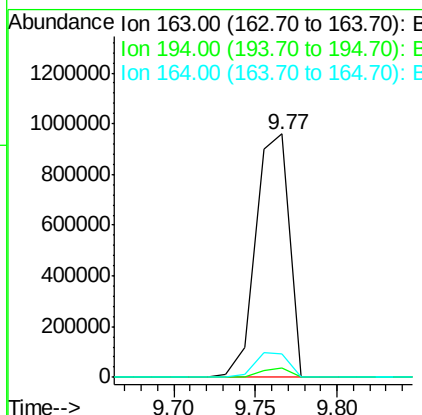
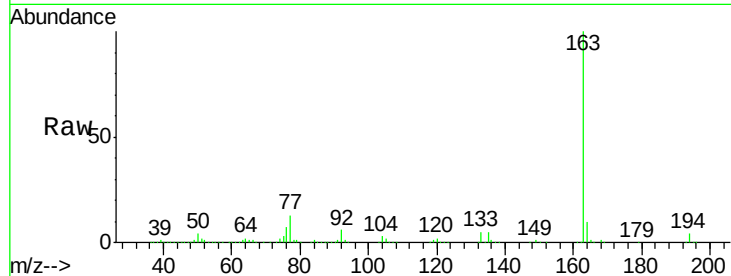
#49
Dimethylphthalate
Concen: 38.12 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1365489
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.8 9.0 13.4

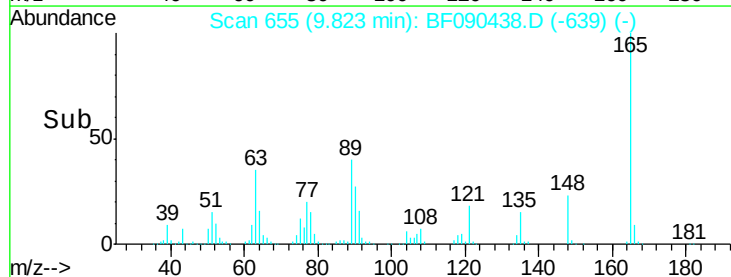
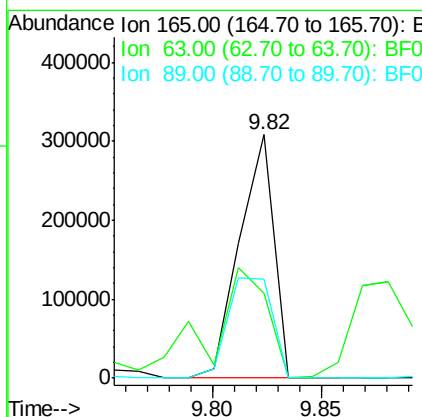
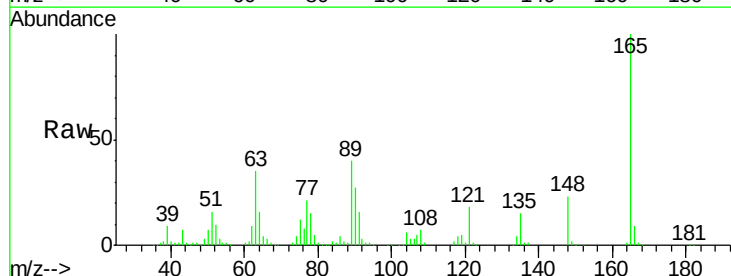
Manual Integrations
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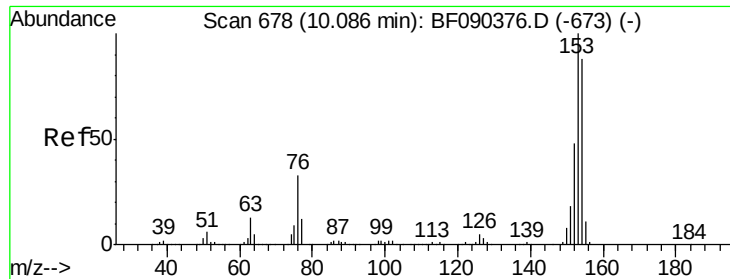
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#50
2,6-Dinitrotoluene
Concen: 42.47 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion:165 Resp: 337808
Ion Ratio Lower Upper
165 100
63 35.1 58.0 87.0#
89 40.5 51.2 76.8#





#51

Acenaphthene

Concen: 37.33 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:154 Resp: 1176192

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

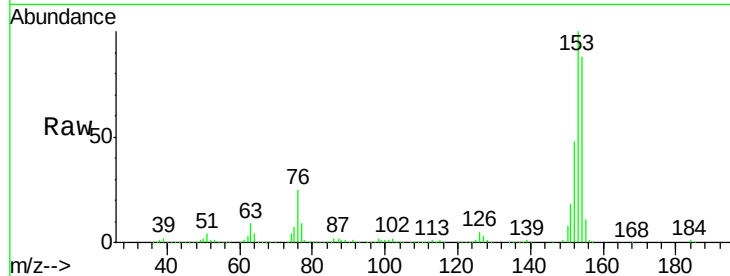
152 54.7 42.6 64.0

Manual Integrations

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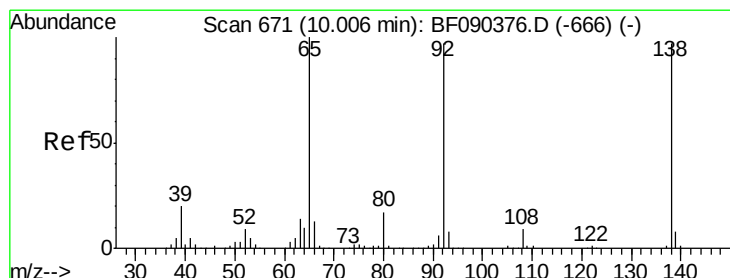
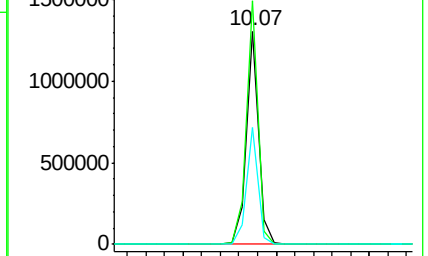
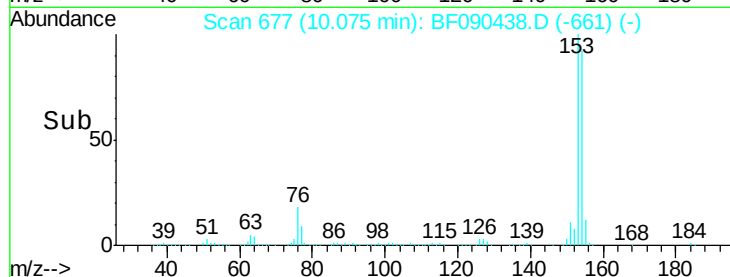
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.13 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

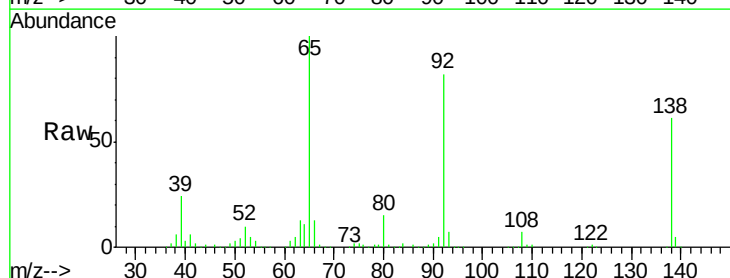
Tgt Ion:138 Resp: 372897

Ion Ratio Lower Upper

138 100

108 10.8 9.7 14.5

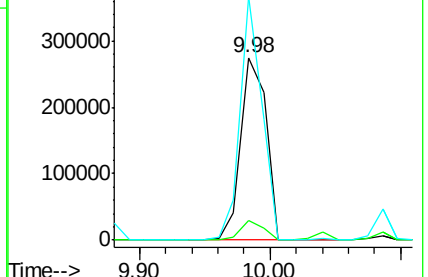
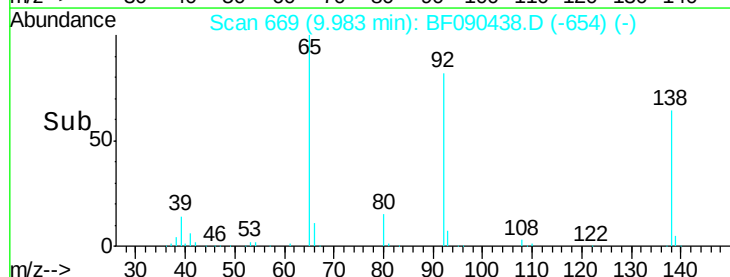
92 133.2 97.1 145.7

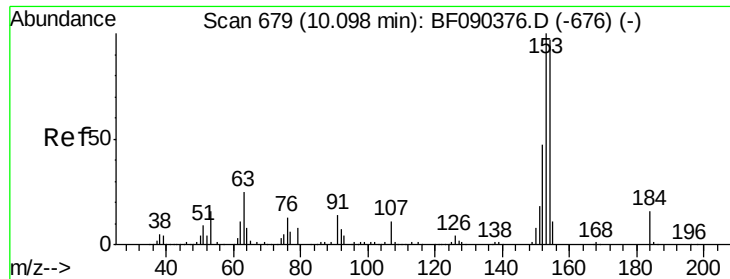


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





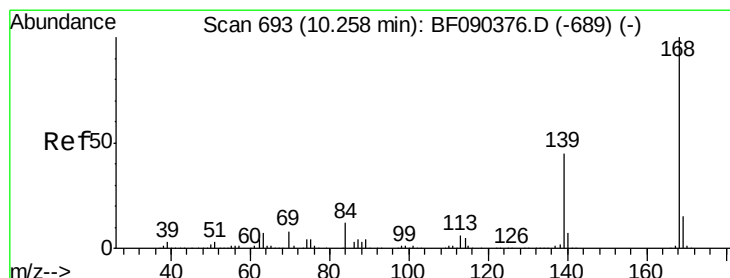
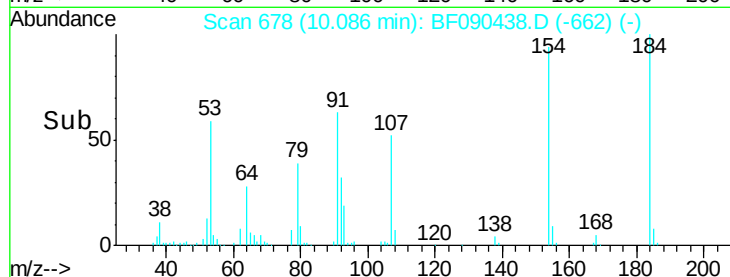
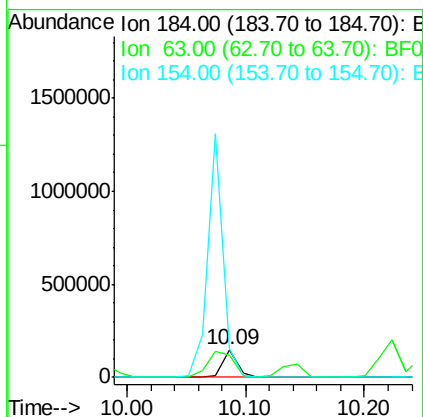
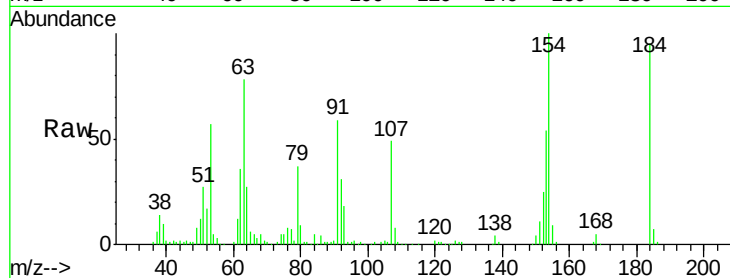
#53
2,4-Dinitrophenol
Concen: 34.62 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	122781		
63	82.5	41.9	62.9#	
154	105.7	48.9	73.3#	

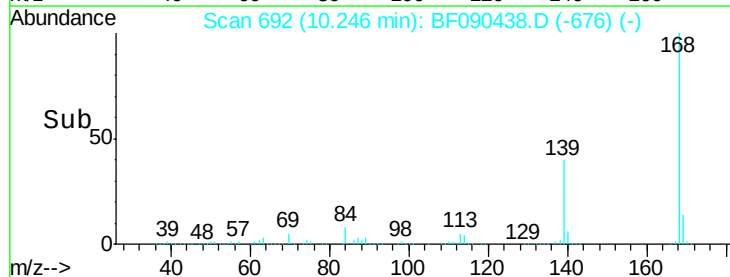
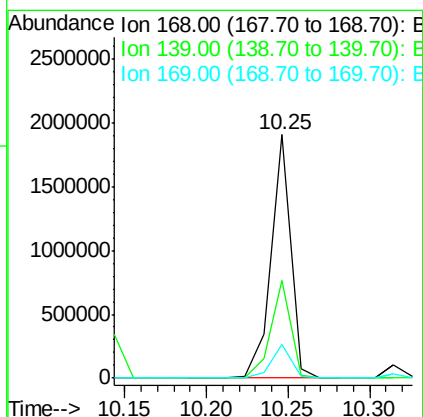
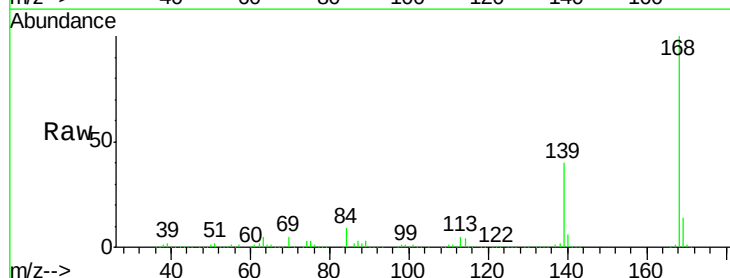
Manual Integrations
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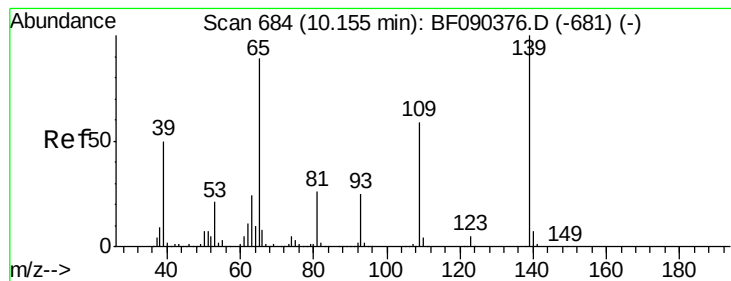
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#54
Dibenzofuran
Concen: 39.41 ng
RT: 10.25 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1607392		
139	40.1	29.6	44.4	
169	14.1	11.3	16.9	





#55

4-Nitrophenol

Concen: 46.05 ng

RT: 10.14 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:139 Resp: 374355
Ion Ratio Lower Upper

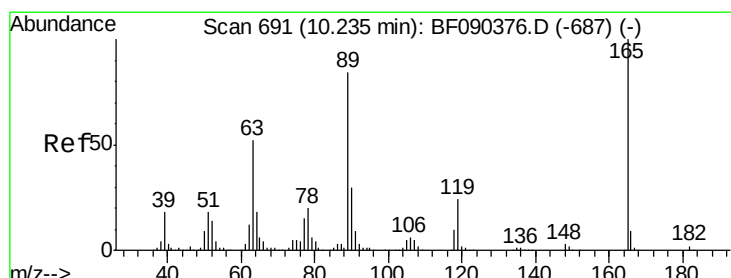
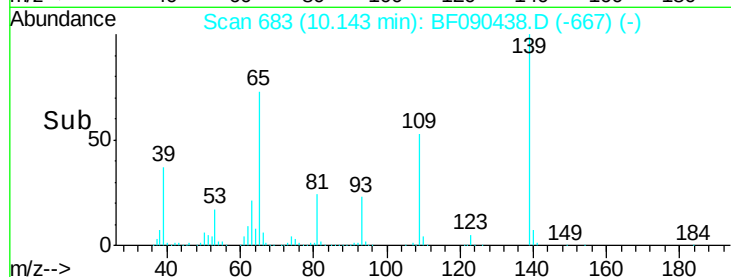
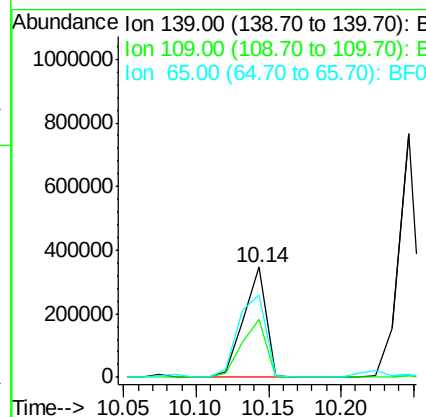
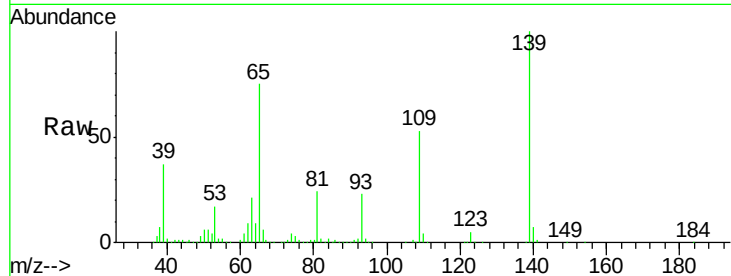
139 100

109 53.2 43.6 83.6

65 75.0 87.5 127.5#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 44.96 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

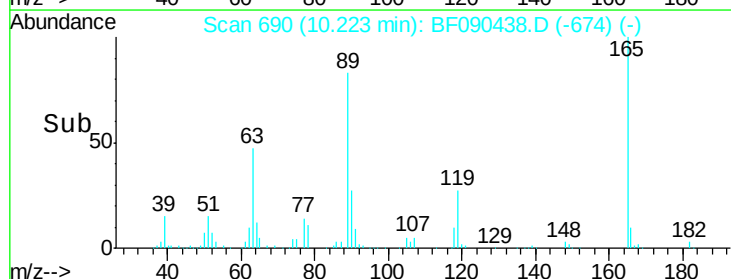
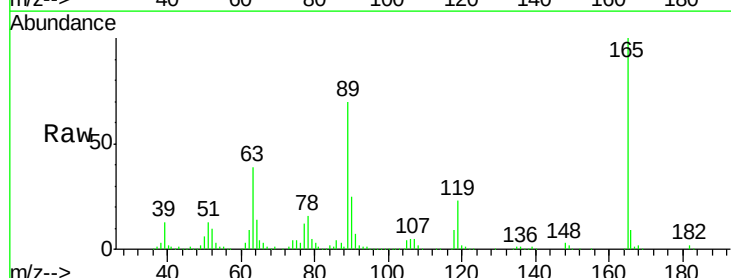
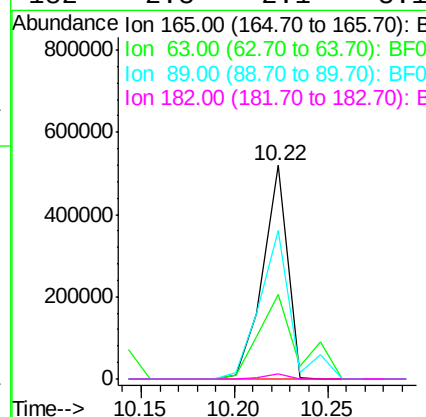
Tgt Ion:165 Resp: 475924
Ion Ratio Lower Upper

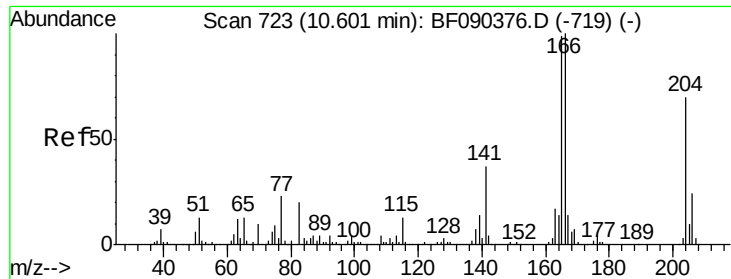
165 100

63 39.4 17.8 26.6#

89 69.5 33.2 49.8#

182 2.3 2.1 3.1





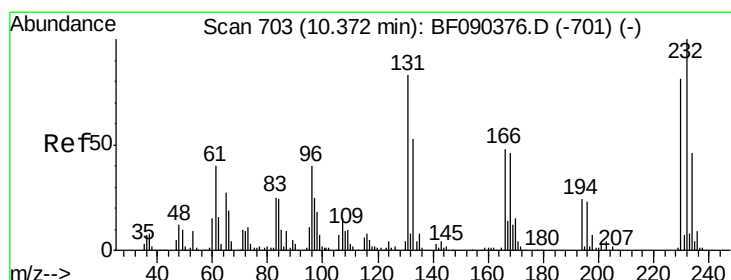
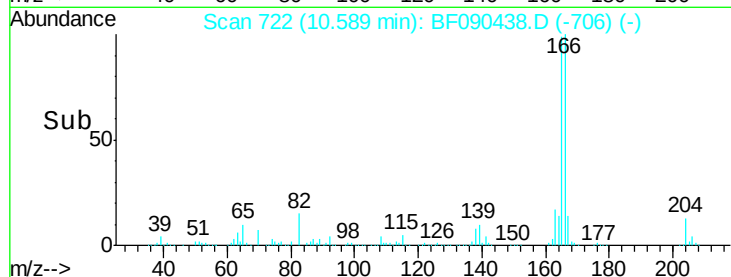
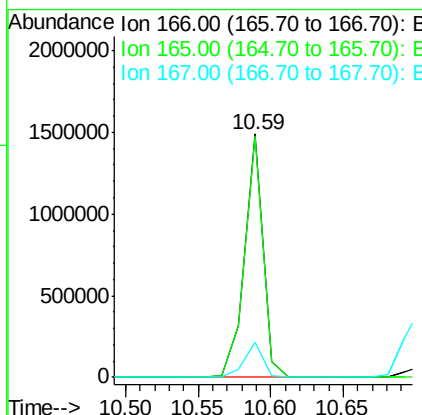
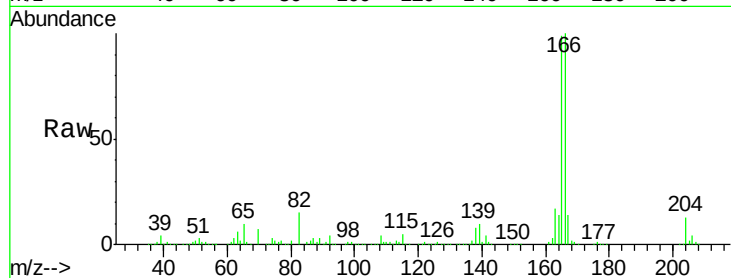
#57
Fluorene
 Concen: 38.36 ng
 RT: 10.59 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.2	118.8
167	14.2	11.1	16.7

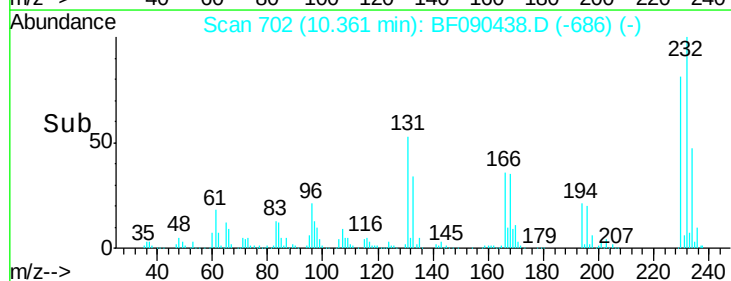
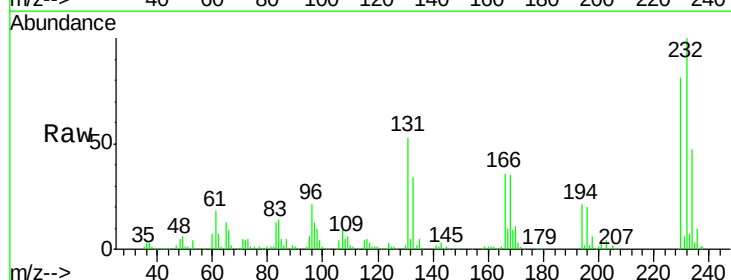
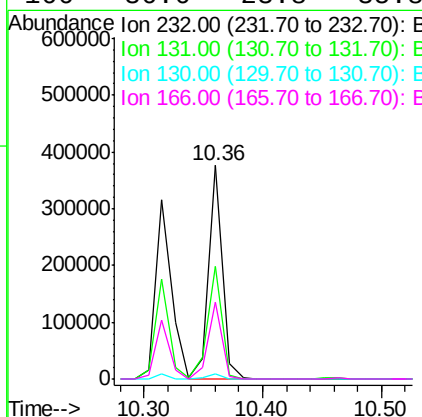
Manual Integrations
 APPROVED

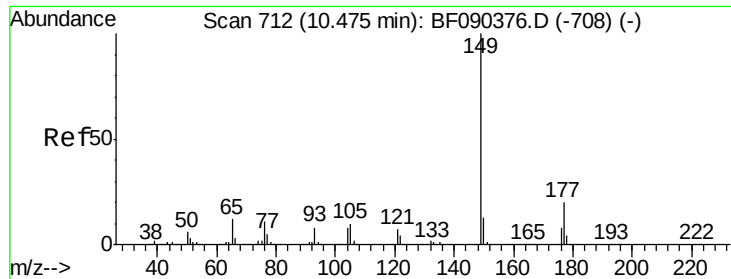
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.55 ng
 RT: 10.36 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.1	34.5	51.7#
130	2.3	1.6	2.4
166	36.6	23.8	35.8#





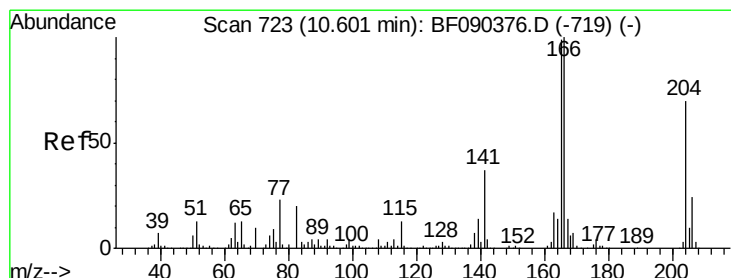
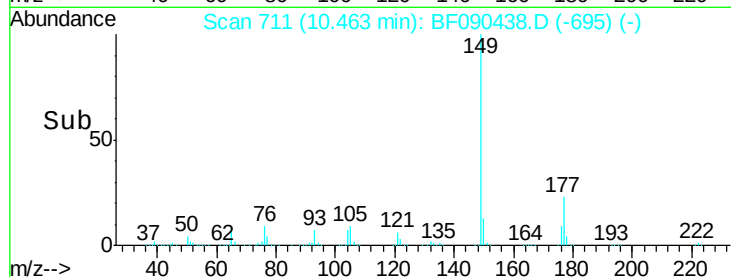
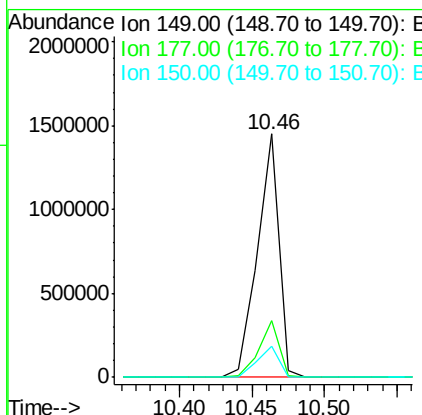
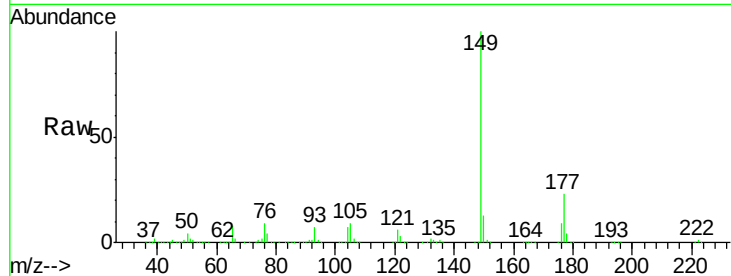
#59
Diethylphthalate
Concen: 40.20 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1490072
Ion Ratio Lower Upper
149 100
177 23.1 21.1 31.7
150 12.6 10.2 15.2

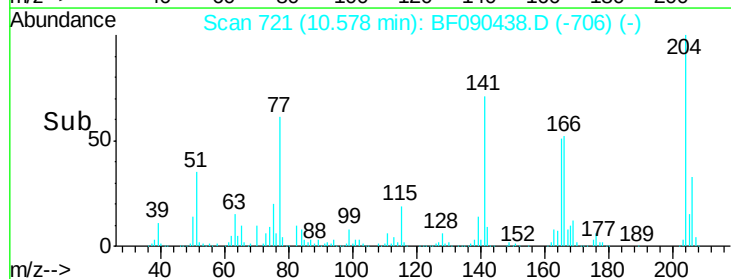
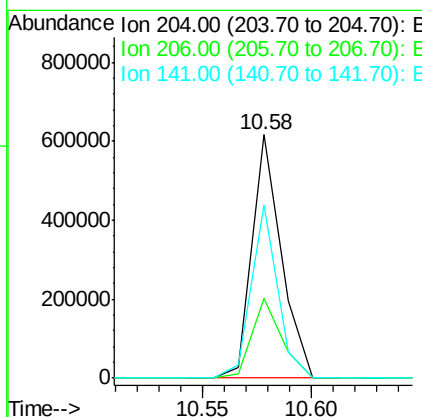
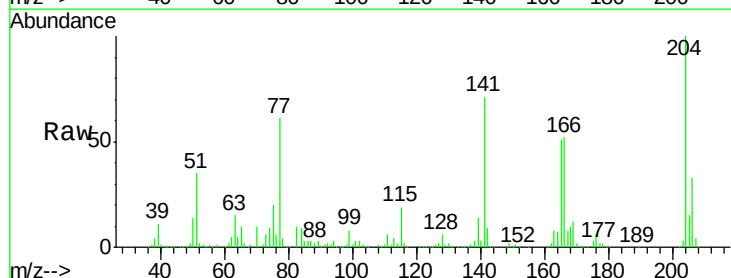
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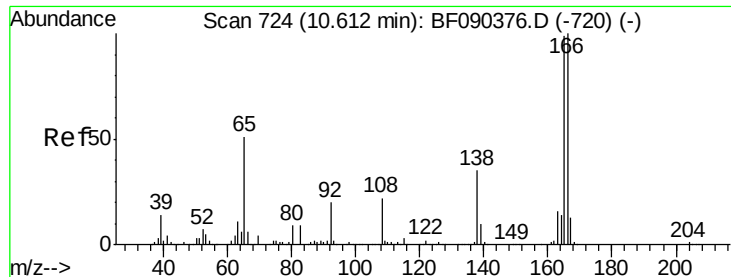
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#60
4-Chlorophenyl-phenylether
Concen: 36.99 ng
RT: 10.58 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion:204 Resp: 576380
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 71.4 51.7 77.5





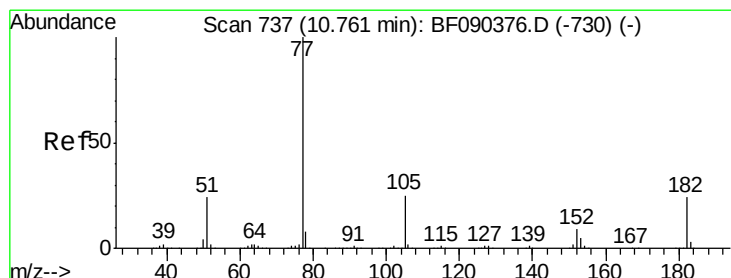
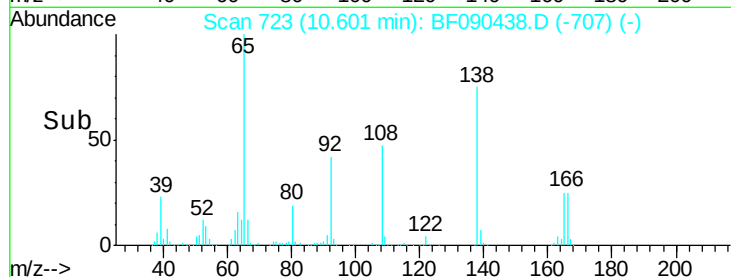
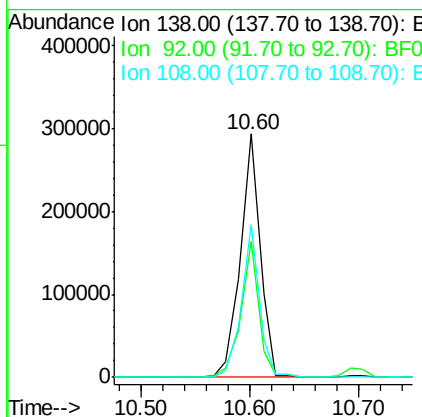
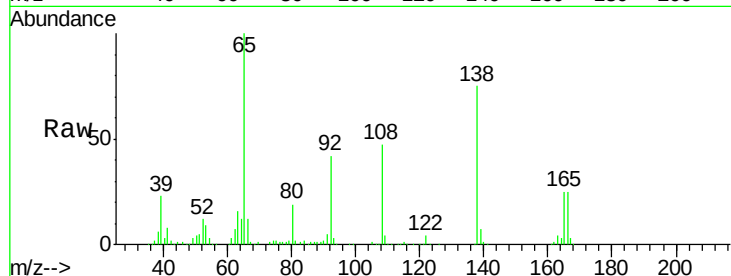
#61
4-Nitroaniline
Concen: 39.55 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	370234		
92	56.0	33.2	73.2	
108	62.8	48.5	88.5	

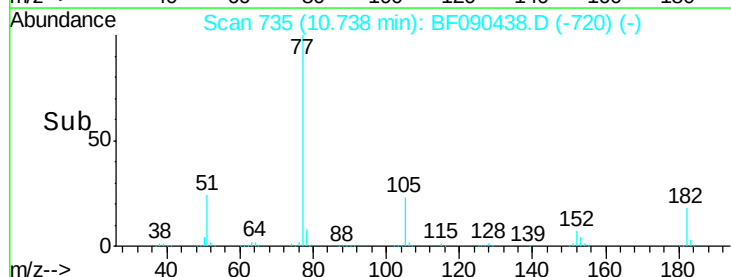
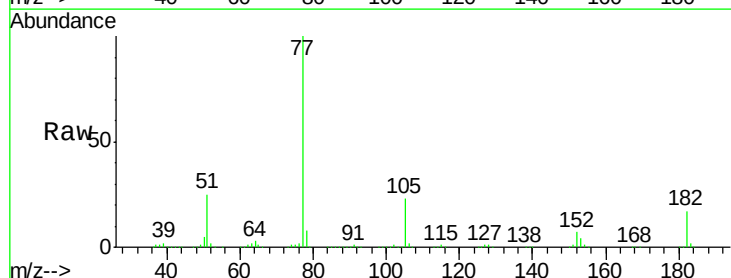
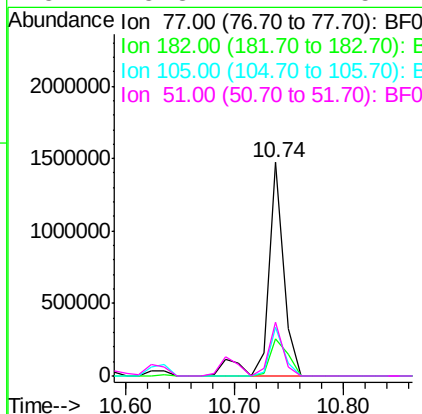
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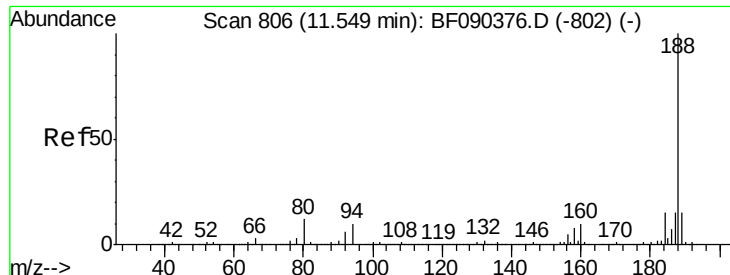
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#62
Azobenzene
Concen: 34.85 ng
RT: 10.74 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1492016		
182	17.4	3.2	43.2	
105	22.6	2.9	42.9	
51	25.3	14.2	54.2	





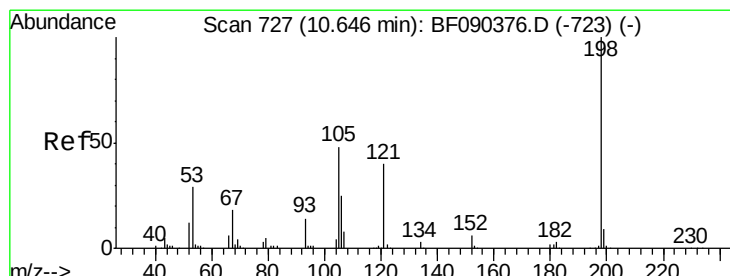
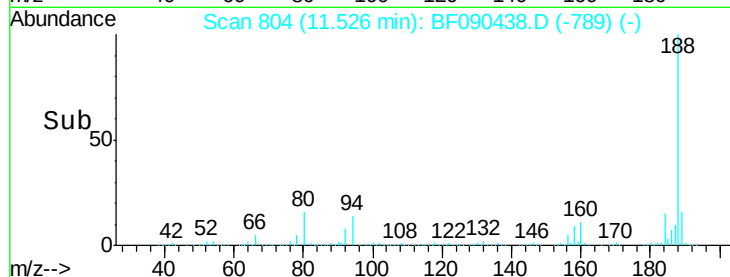
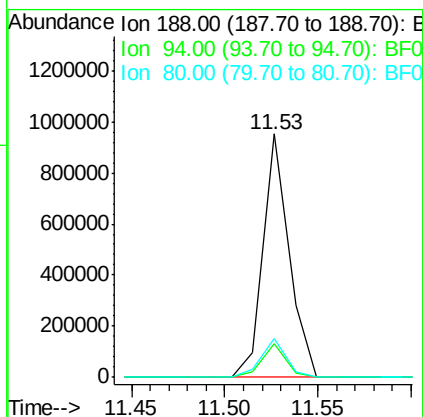
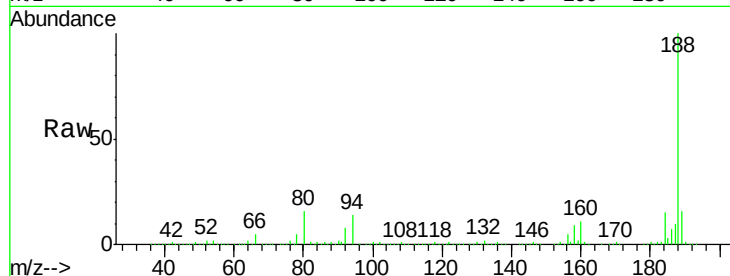
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.9	8.2	12.2#
80	16.2	8.8	13.2#

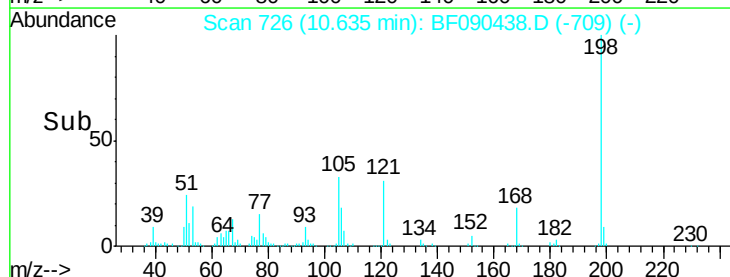
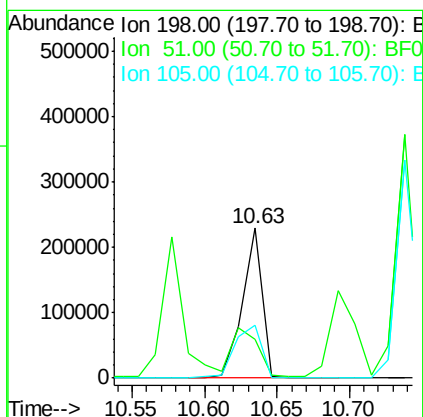
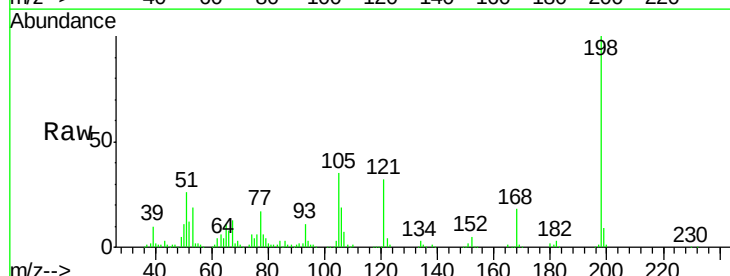
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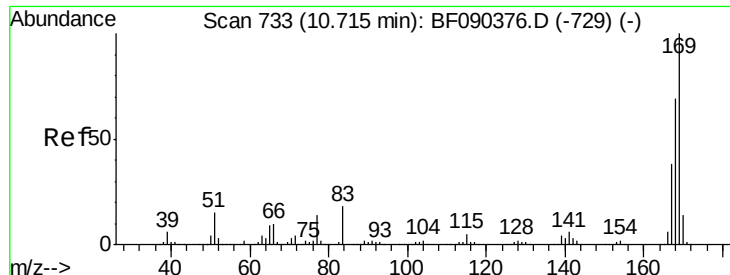
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.67 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	26.3	67.3	107.3#
105	35.0	42.6	82.6#





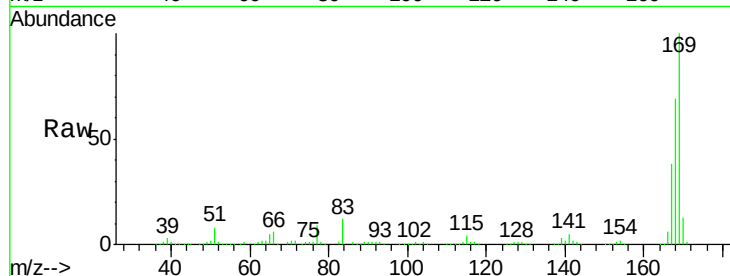
#65
n-Nitrosodiphenylamine
Concen: 39.94 ng
RT: 10.70 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

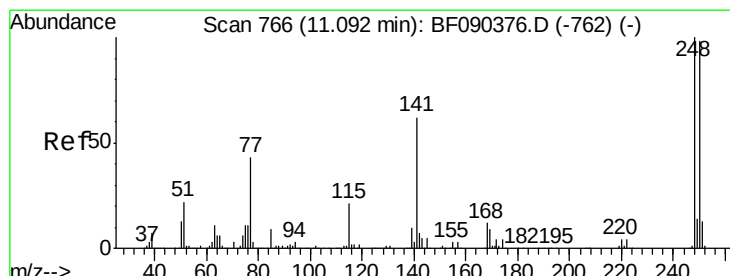
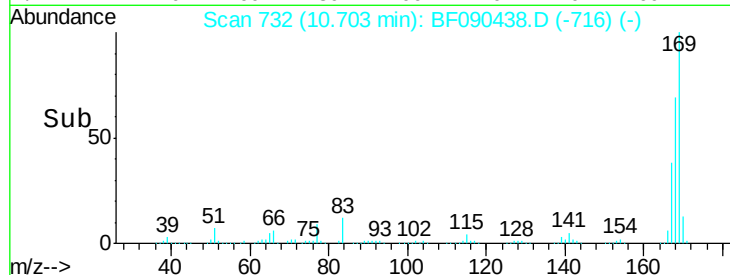
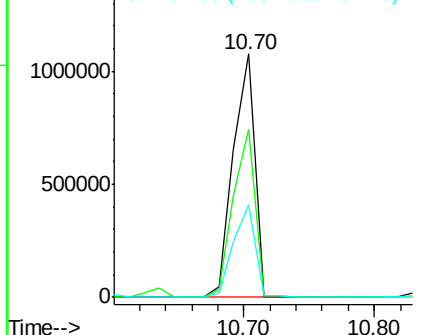
Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.8	80.6
167	38.1	29.8	44.8

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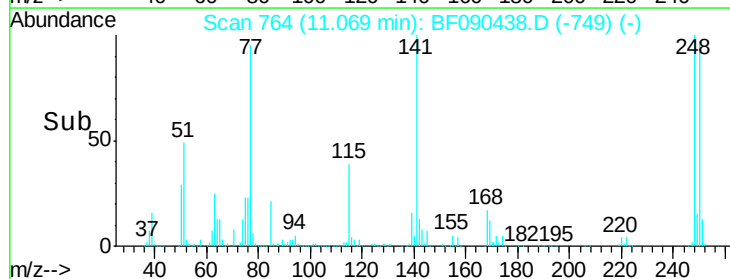
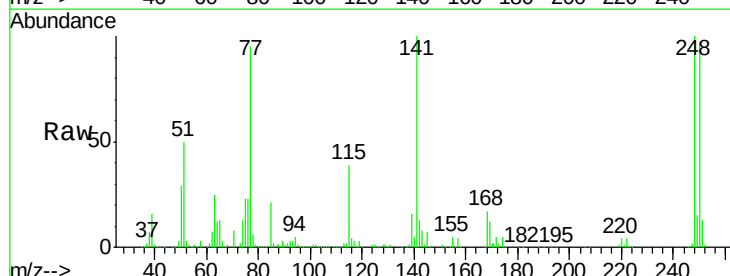
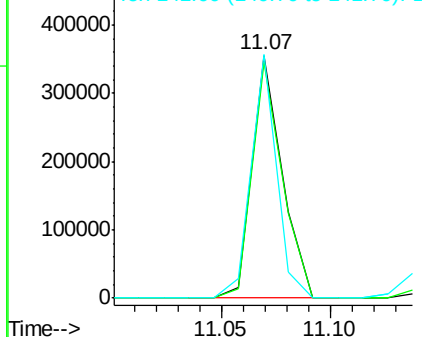
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

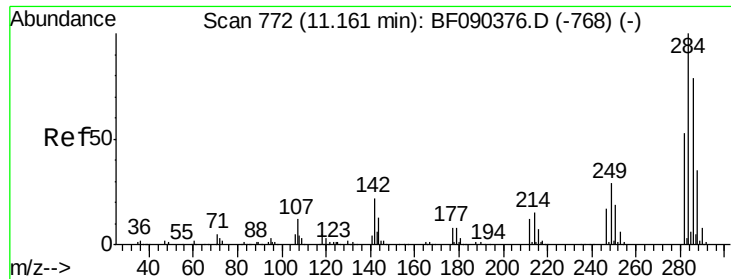


#66
4-Bromophenyl-phenylether
Concen: 37.92 ng
RT: 11.07 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.5	114.7
141	100.4	59.8	89.6

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





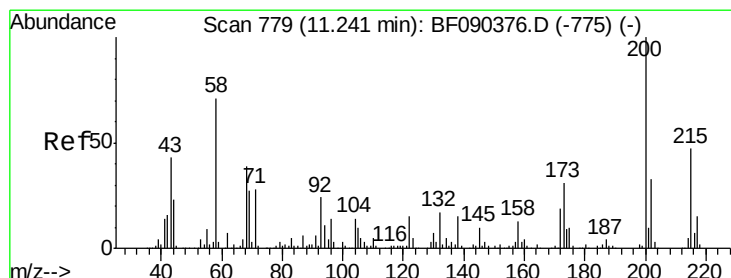
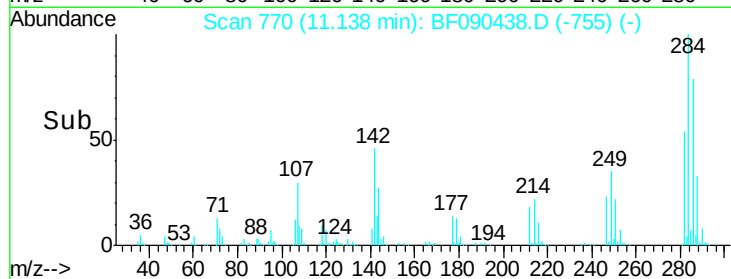
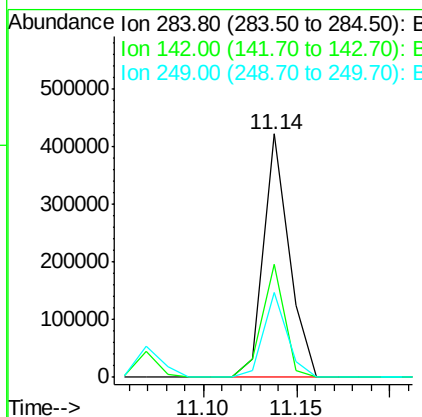
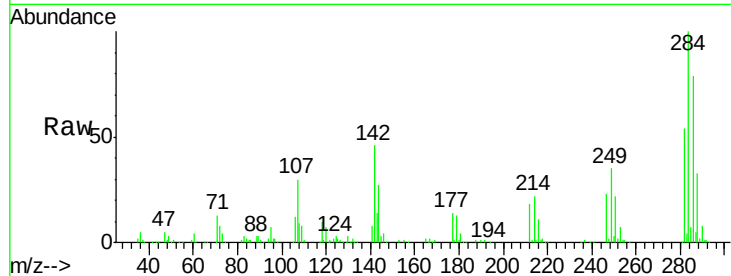
#67
Hexachlorobenzene
Concen: 39.93 ng
RT: 11.14 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	398894		
142	46.2	23.1	34.7	#
249	34.9	26.3	39.5	

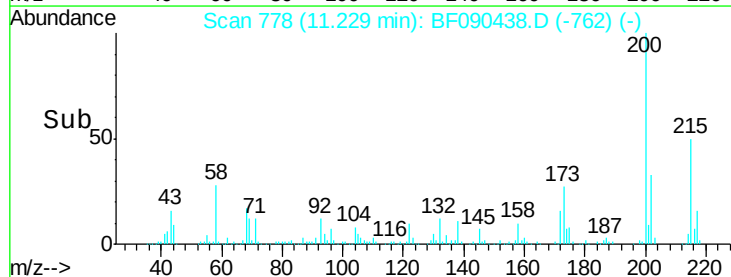
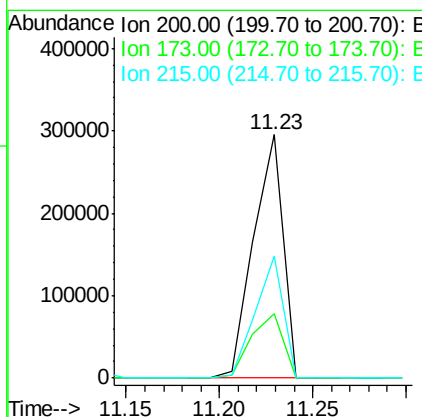
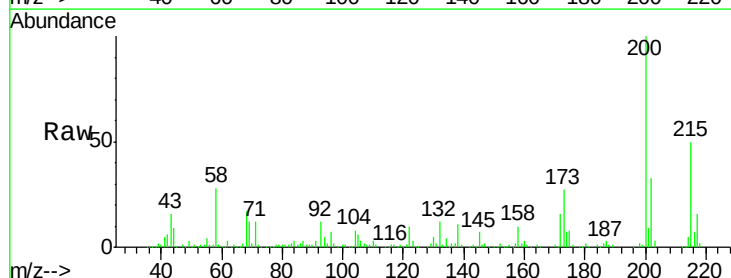
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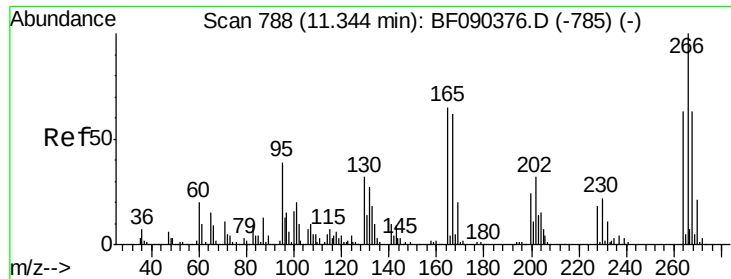
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#68
Atrazine
Concen: 42.63 ng
RT: 11.23 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	322409		
173	26.6	9.0	49.0	
215	50.1	24.8	64.8	





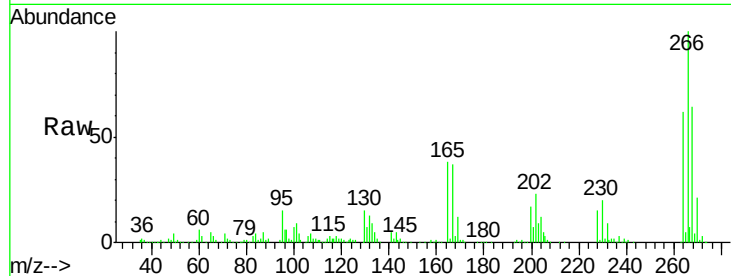
#69
 Pentachlorophenol
 Concen: 43.16 ng
 RT: 11.33 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

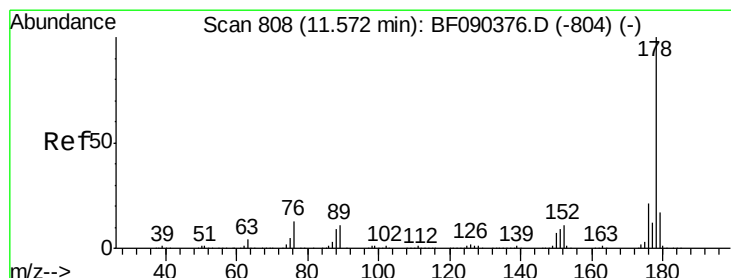
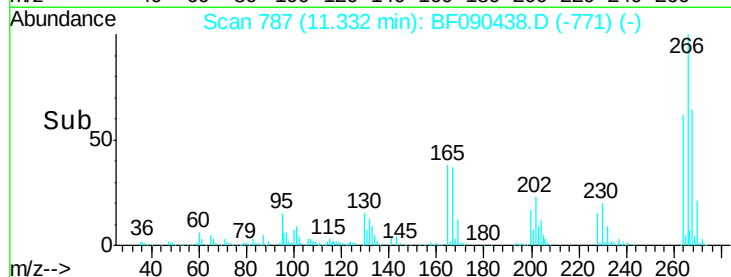
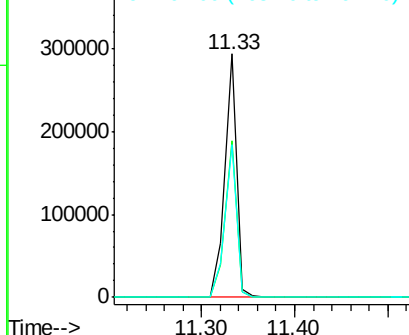
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	256676		
268	64.1	50.9	76.3	
264	62.5	51.5	77.3	

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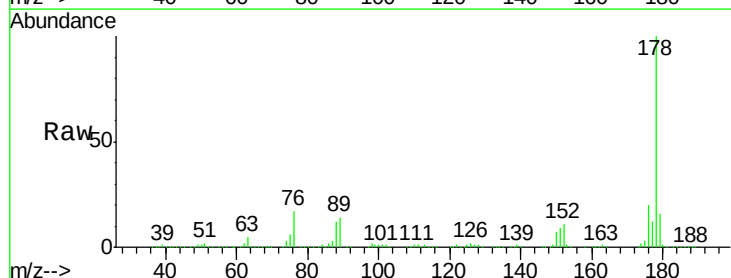


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

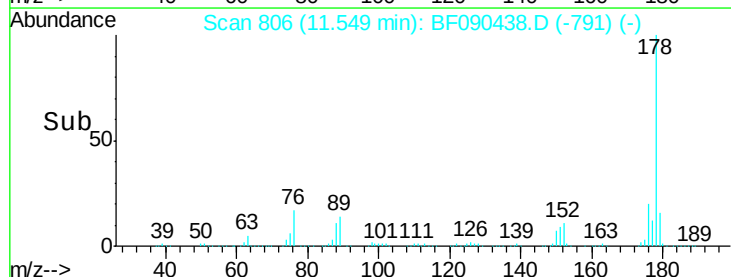
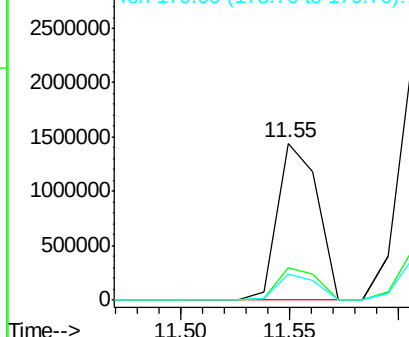


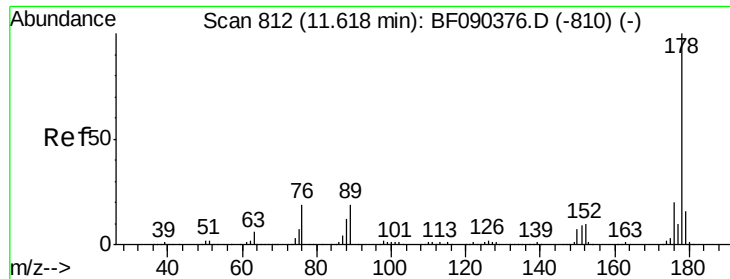
#70
 Phenanthrene
 Concen: 39.57 ng
 RT: 11.55 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1854333		
176	20.3	17.3	25.9	
179	16.3	13.8	20.6	



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





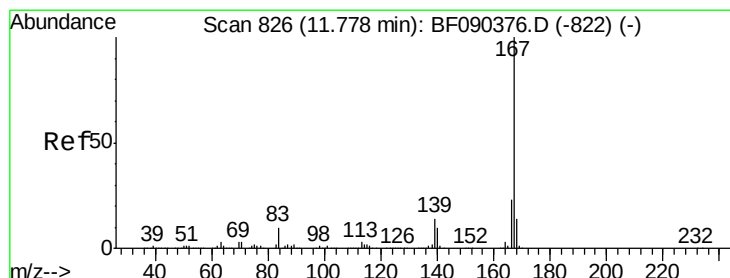
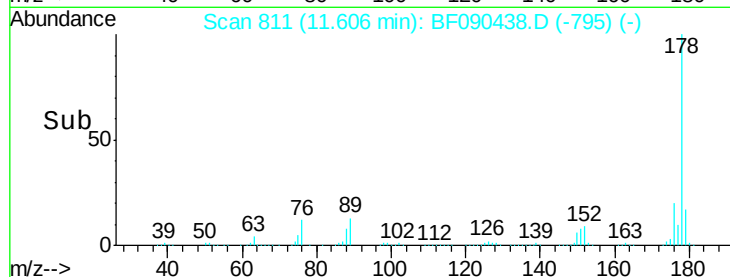
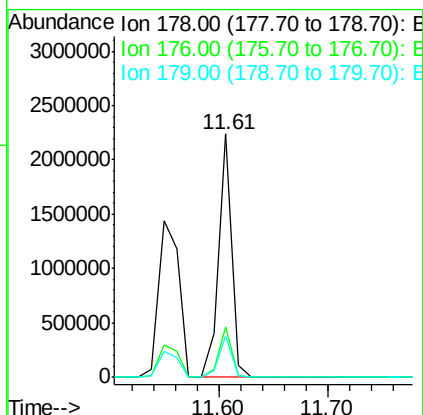
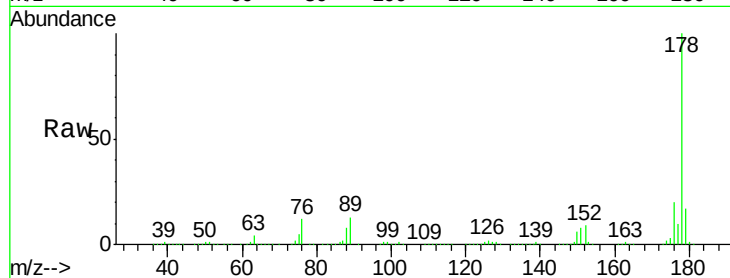
#71
 Anthracene
 Concen: 39.78 ng
 RT: 11.61 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1903766
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.8 25.2
 179 17.0 13.4 20.2

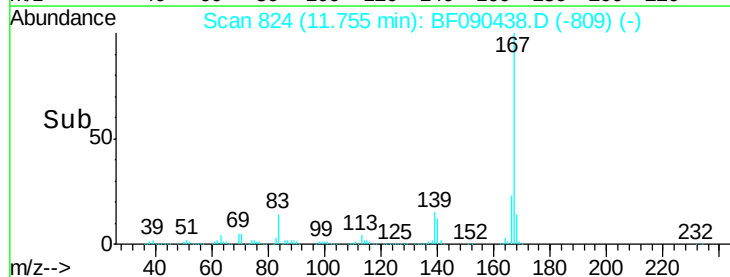
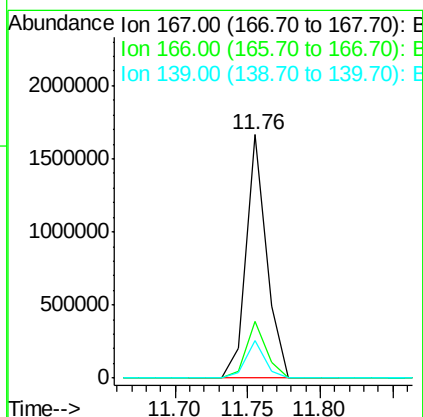
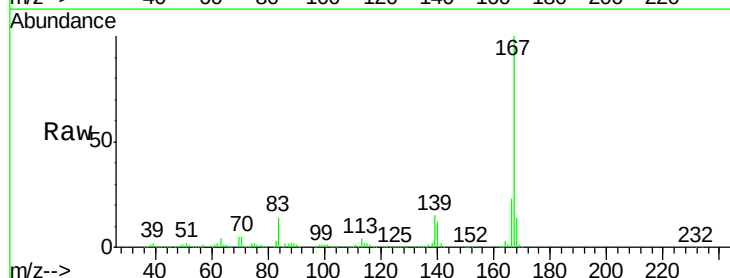
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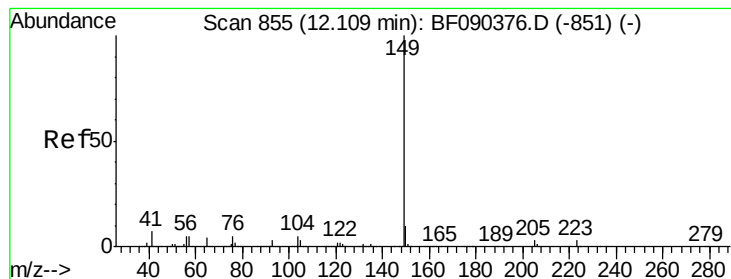
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#72
 Carbazole
 Concen: 36.62 ng
 RT: 11.76 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion:167 Resp: 1628470
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.1 28.7
 139 15.2 12.1 18.1





#73

Di-n-butylphthalate

Concen: 39.45 ng

RT: 12.09 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 2134480

Ion Ratio Lower Upper

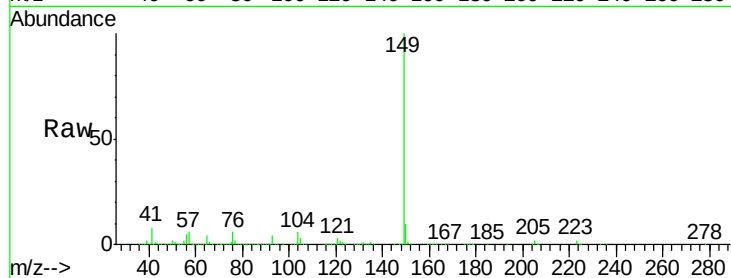
149 100

150 10.1 8.6 12.8

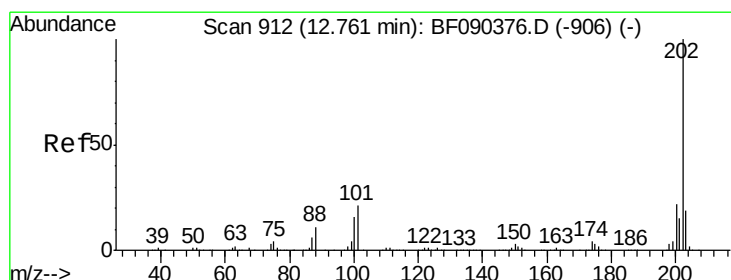
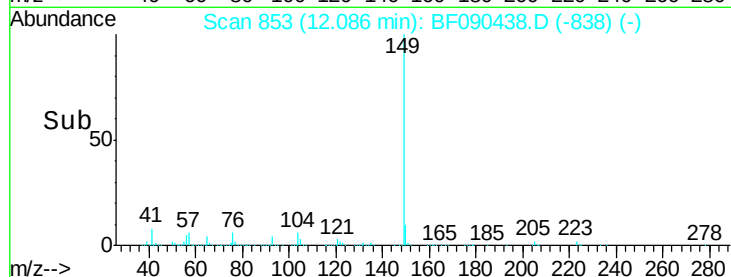
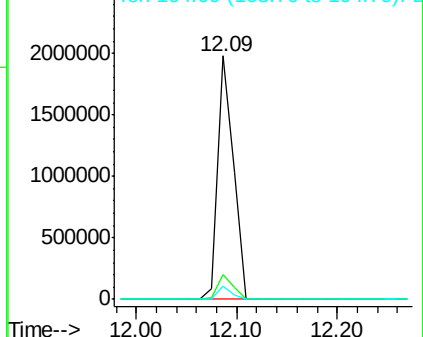
104 5.5 4.7 7.1

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



#74

Fluoranthene

Concen: 45.12 ng

RT: 12.75 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

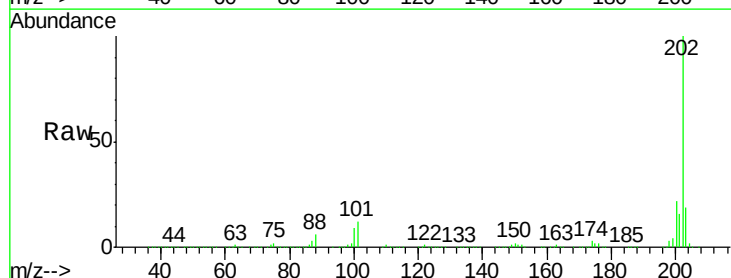
Tgt Ion:202 Resp: 2074050

Ion Ratio Lower Upper

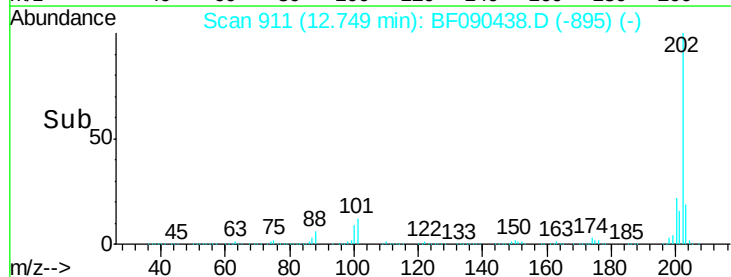
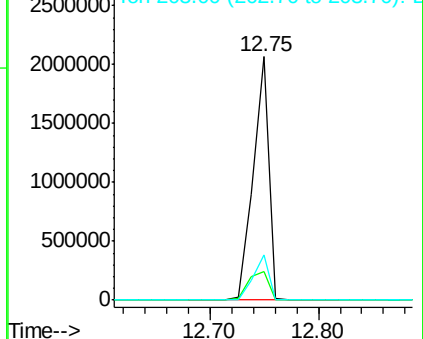
202 100

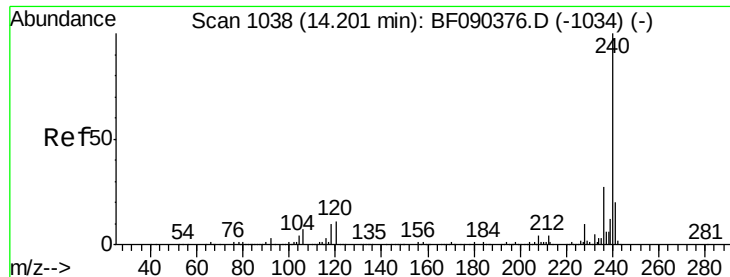
101 11.8 0.0 37.2

203 18.7 0.0 39.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

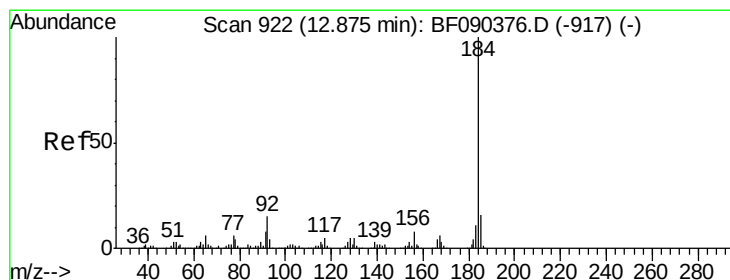
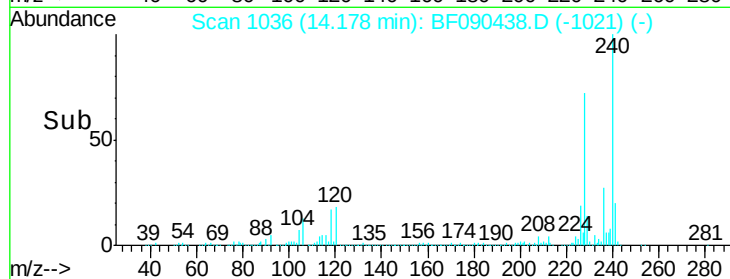
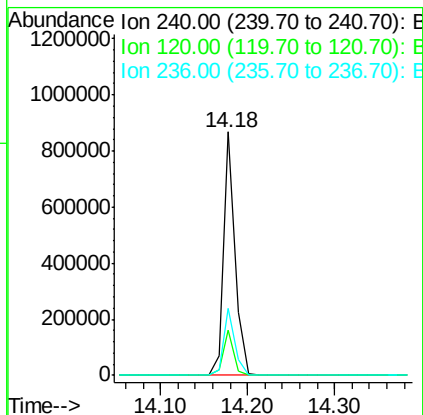
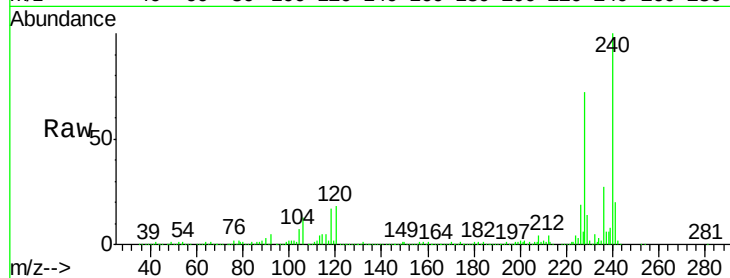
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	807595		
120	18.5	8.6	13.0#	
236	27.3	21.6	32.4	

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#76

Benzidine

Concen: 33.01 ng

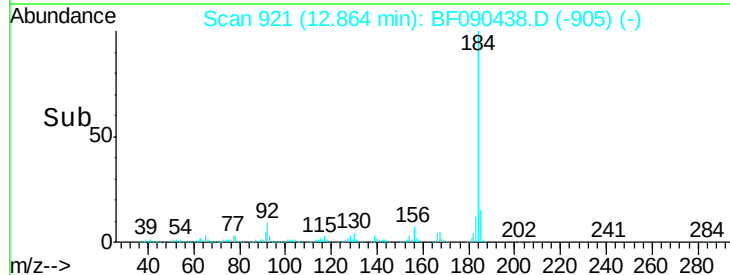
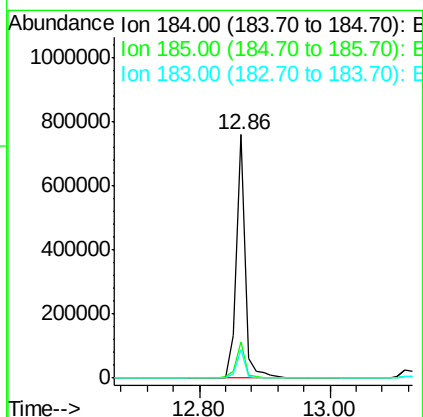
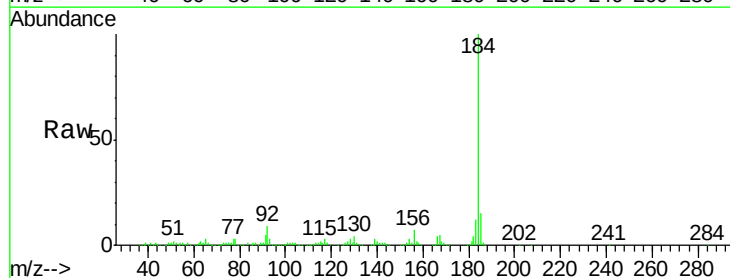
RT: 12.86 min Scan# 921

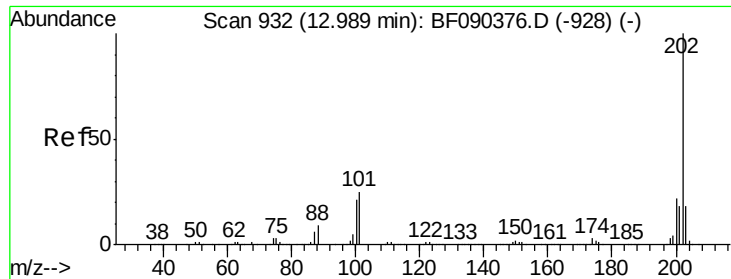
Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	700916		
185	14.8	11.8	17.8	
183	11.6	9.6	14.4	





#77

Pyrene

Concen: 38.76 ng

RT: 12.98 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 202 Resp: 2087263

Ion Ratio Lower Upper

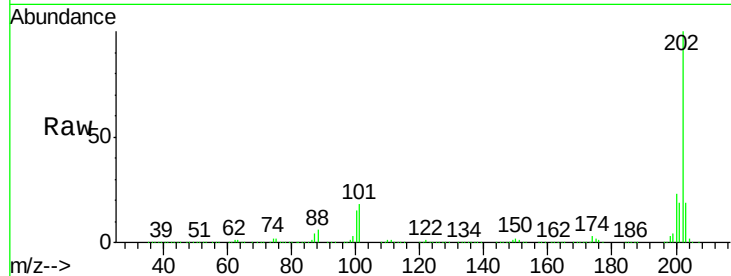
202 100

200 23.3 18.5 27.7

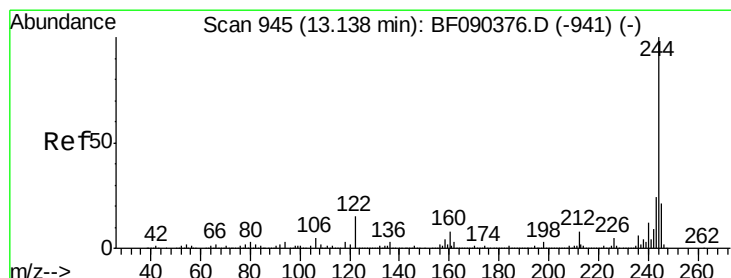
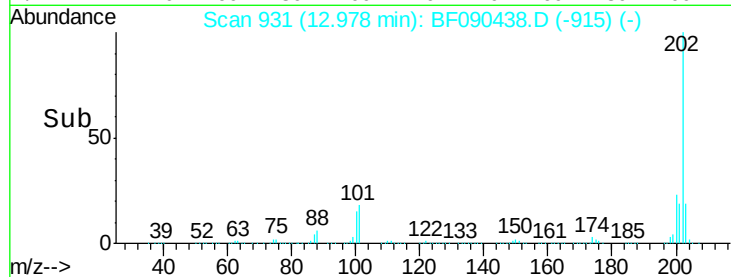
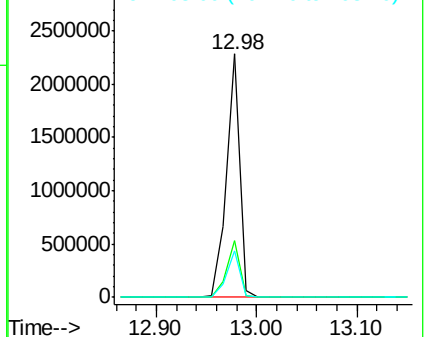
203 18.9 15.0 22.6

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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: 79.71 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

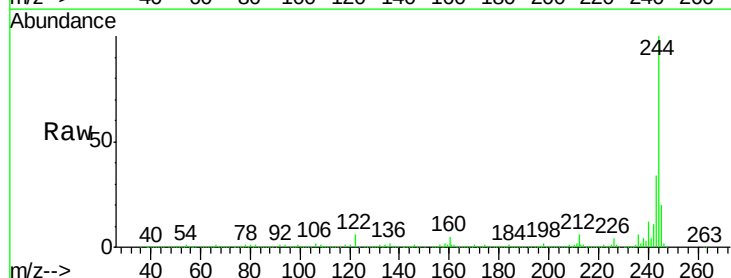
Tgt Ion: 244 Resp: 2863506

Ion Ratio Lower Upper

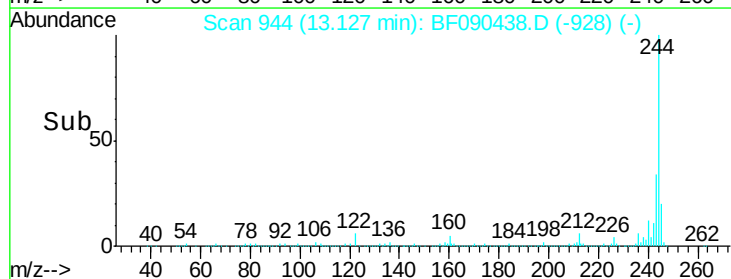
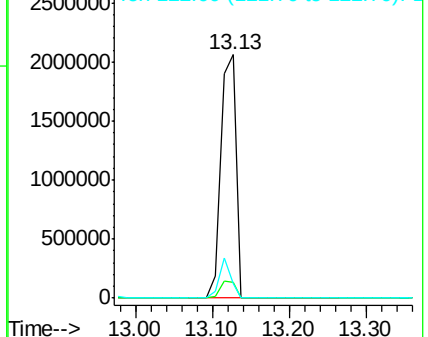
244 100

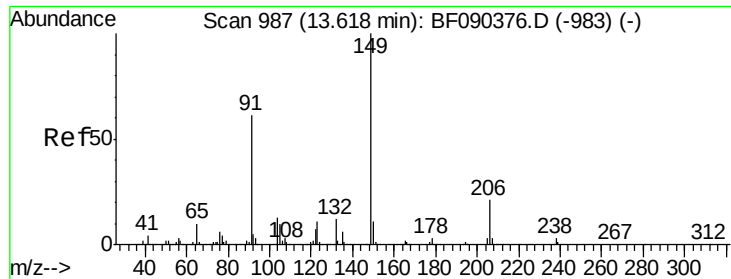
212 6.3 6.8 10.2#

122 6.1 13.3 19.9#



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





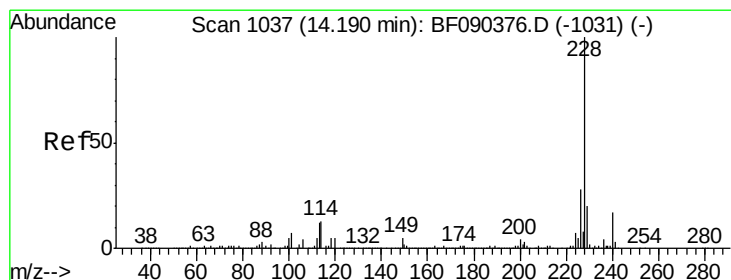
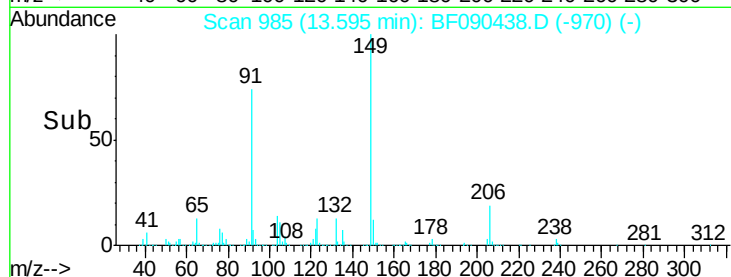
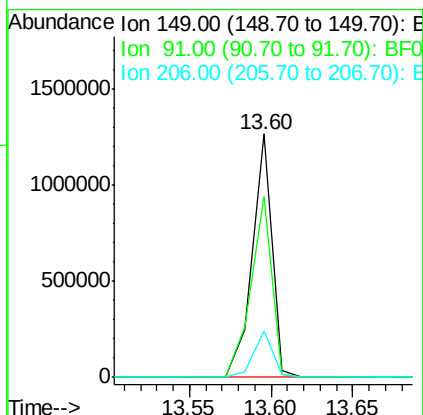
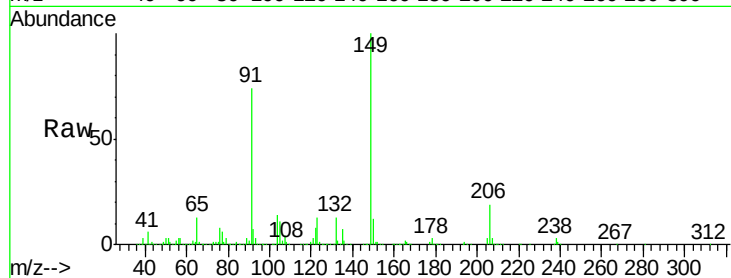
#79
Butylbenzylphthalate
Concen: 38.73 ng
RT: 13.60 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1070246
Ion Ratio Lower Upper
149 100
91 74.2 51.8 77.8
206 19.0 18.0 27.0

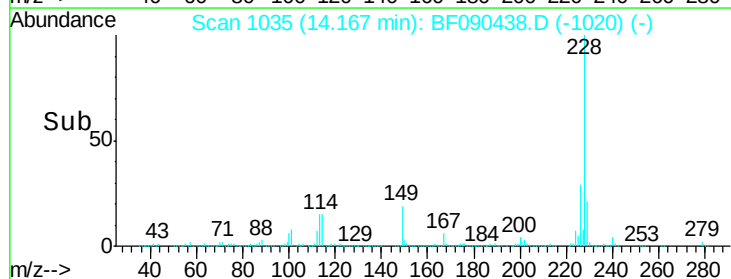
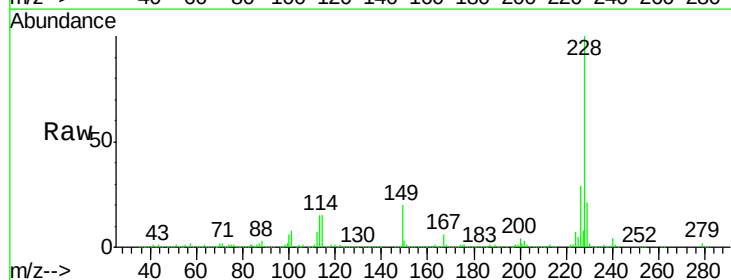
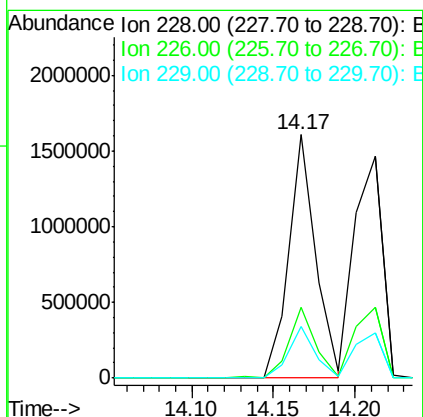
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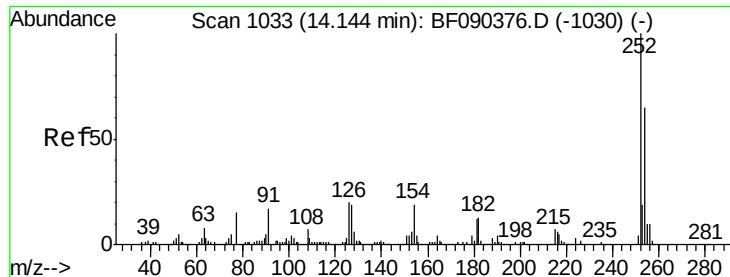
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#80
Benzo(a)anthracene
Concen: 40.73 ng
RT: 14.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion:228 Resp: 1845472
Ion Ratio Lower Upper
228 100
226 28.9 23.6 35.4
229 21.2 16.6 25.0





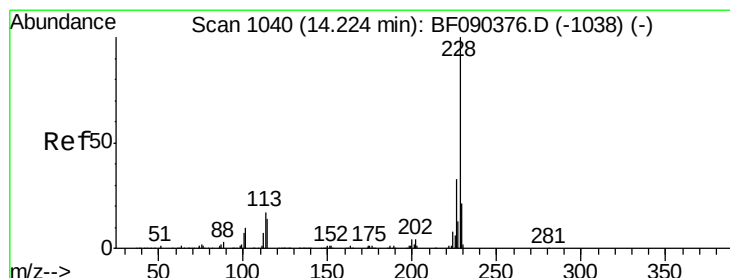
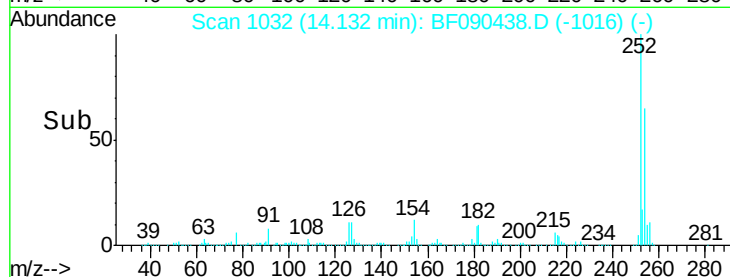
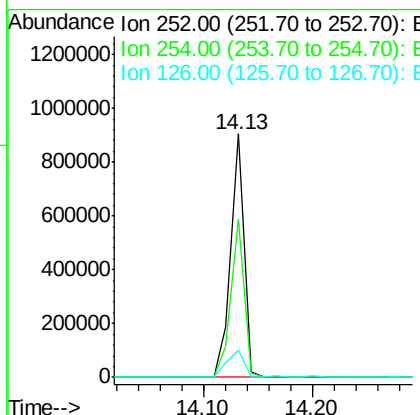
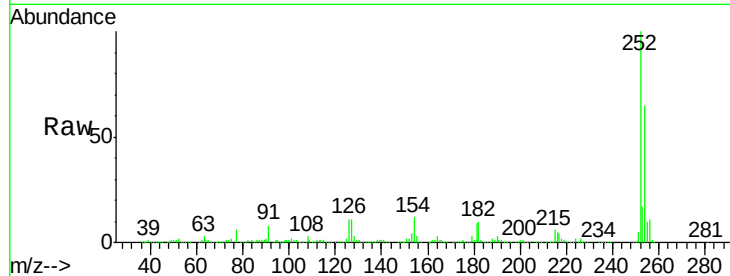
#81
 3,3'-Dichlorobenzidine
 Concen: 46.92 ng
 RT: 14.13 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	11.3	4.2	6.4

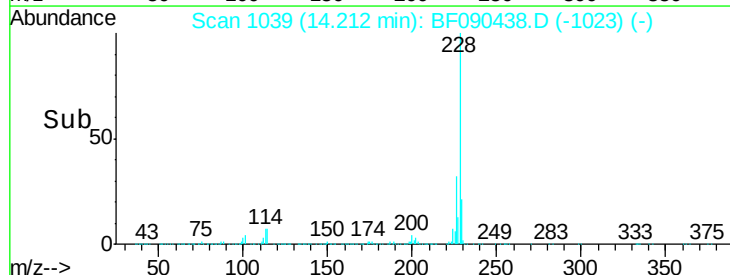
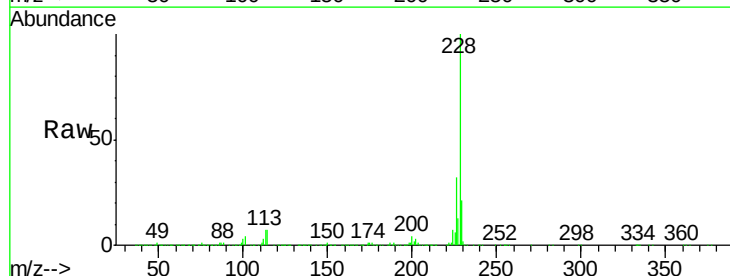
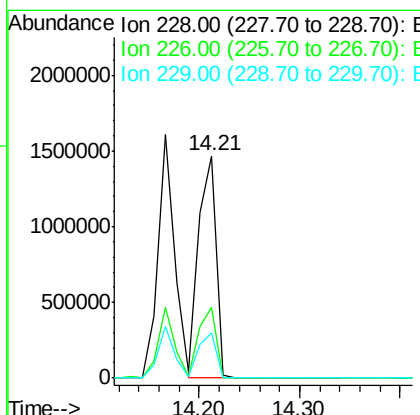
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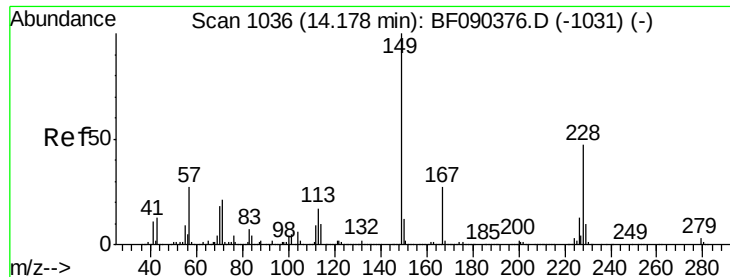
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#82
 Chrysene
 Concen: 42.58 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.8	38.6
229	20.6	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.86 ng

RT: 14.16 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1369287

Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

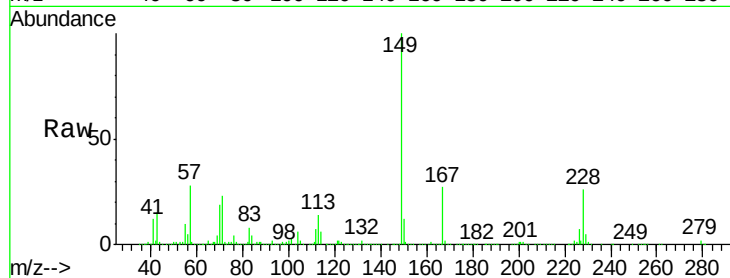
279 2.4 2.6 3.8#

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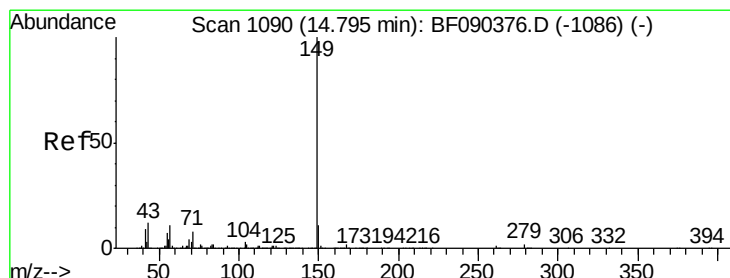
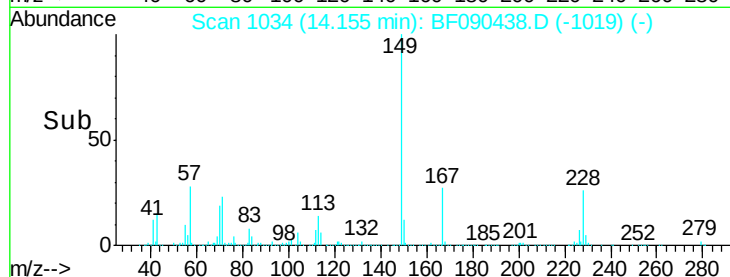
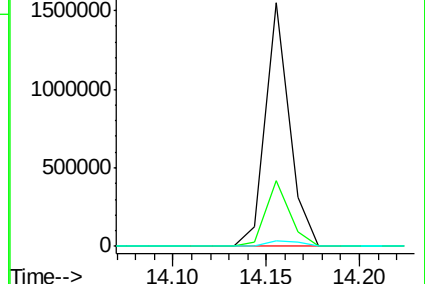
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.64 ng

RT: 14.77 min Scan# 1088

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

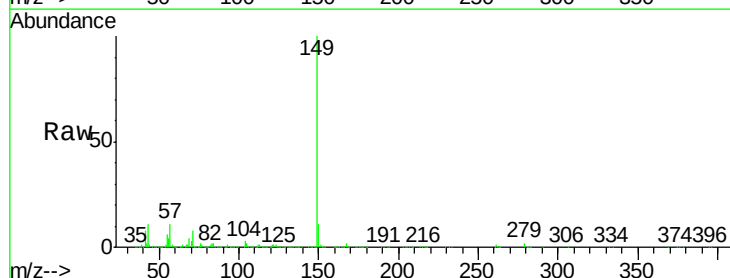
Tgt Ion:149 Resp: 2133188

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

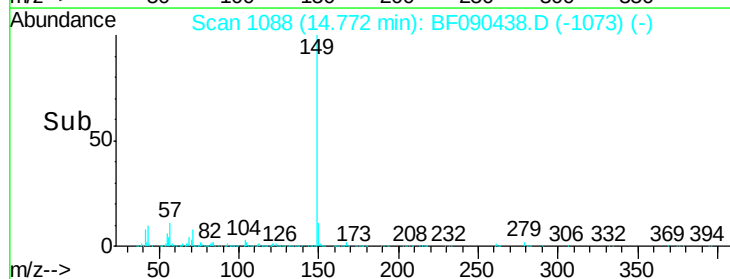
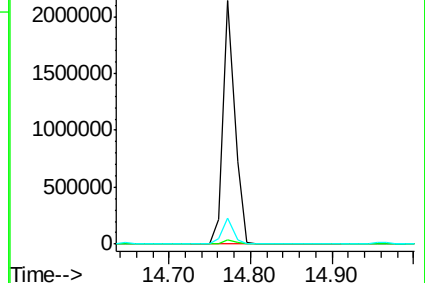
43 10.1 11.8 17.8#

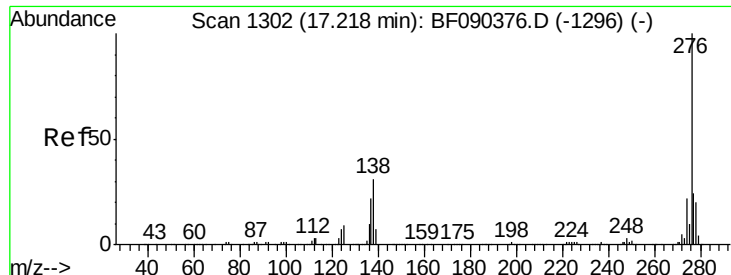


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





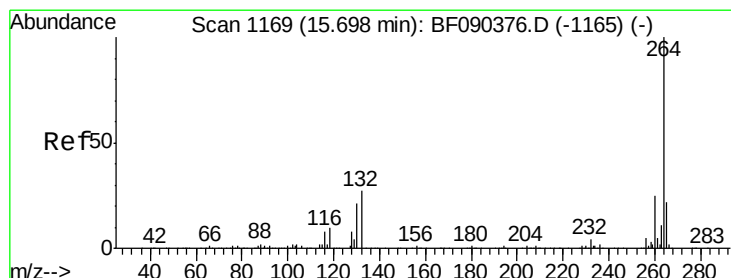
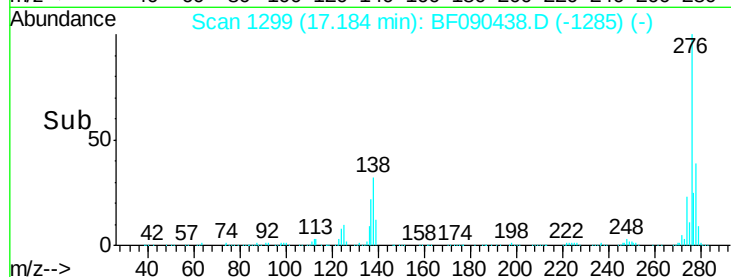
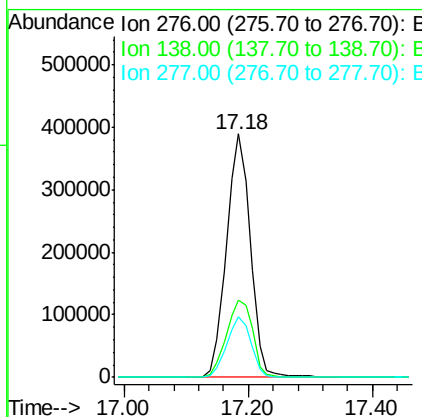
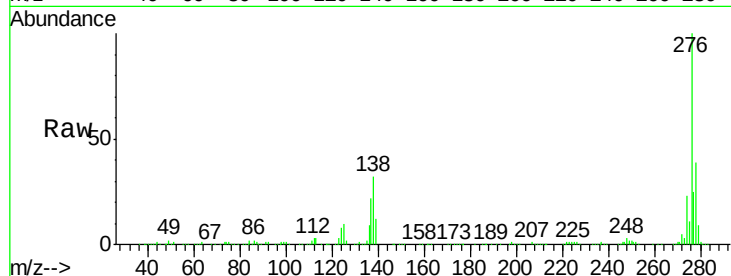
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.06 ng
 RT: 17.18 min Scan# 1299
 Delta R.T. -0.03 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.0	23.8	35.8
277	25.2	20.4	30.6

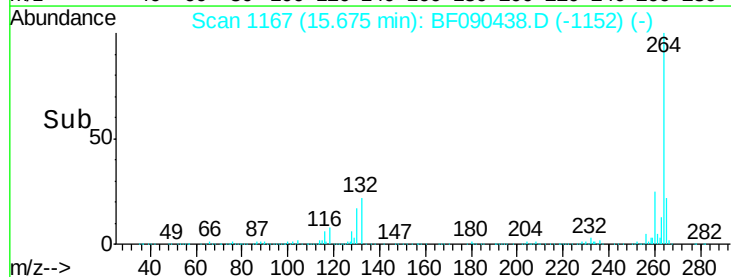
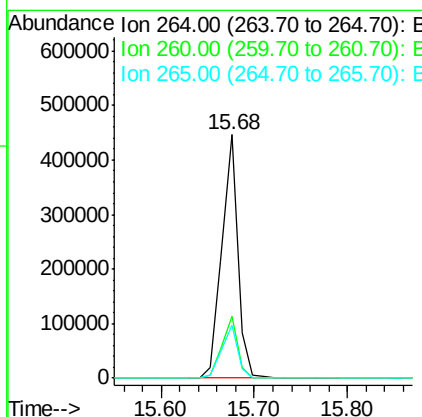
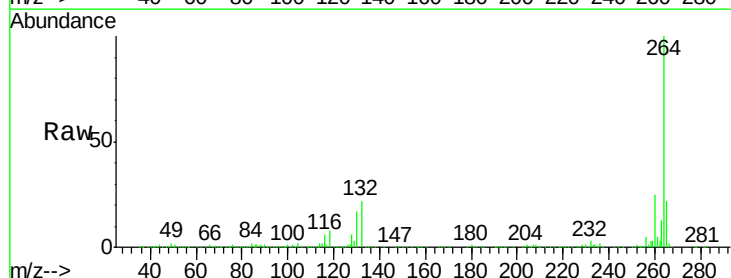
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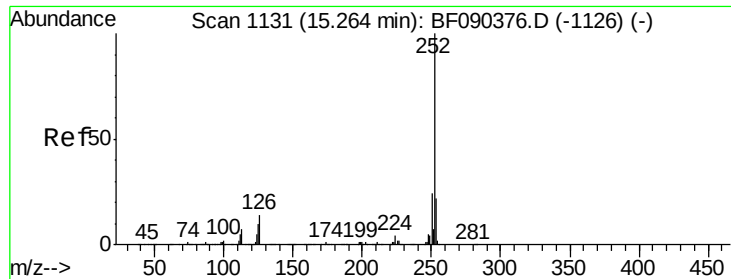
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 44.16 ng

RT: 15.24 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

Instrument :
BNA_F

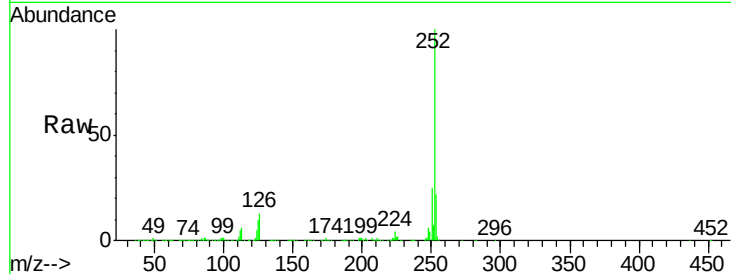
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1498349

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.8	7.0	10.4

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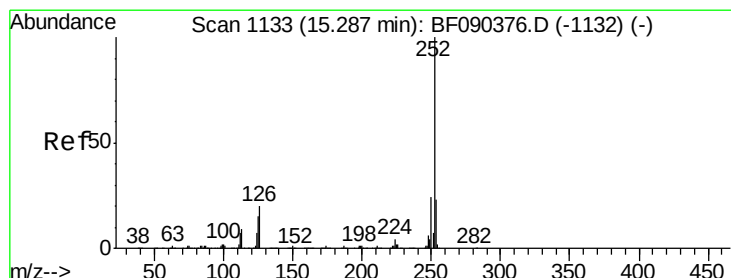
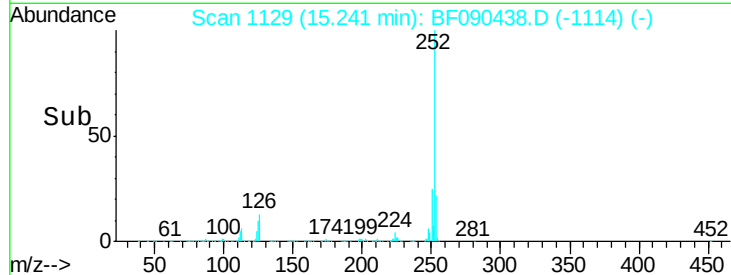
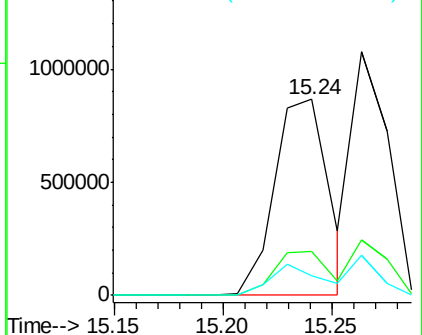
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.84 ng m

RT: 15.26 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF090438.D

Acq: 7 Oct 2016 11:44

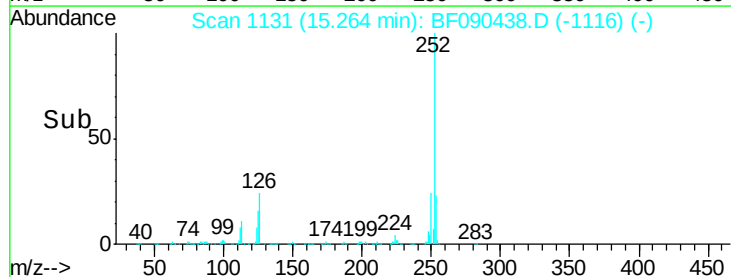
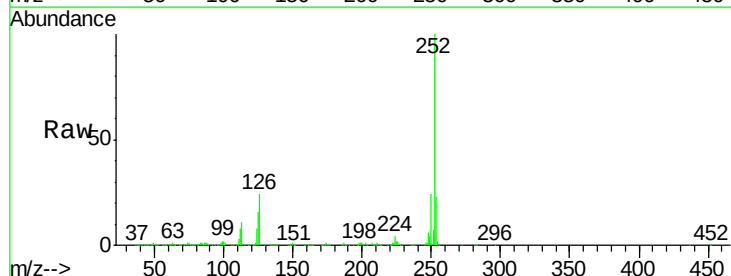
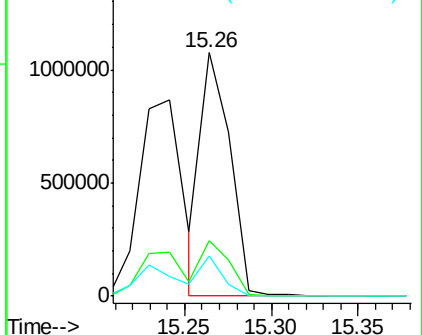
Tgt Ion:252 Resp: 1269681

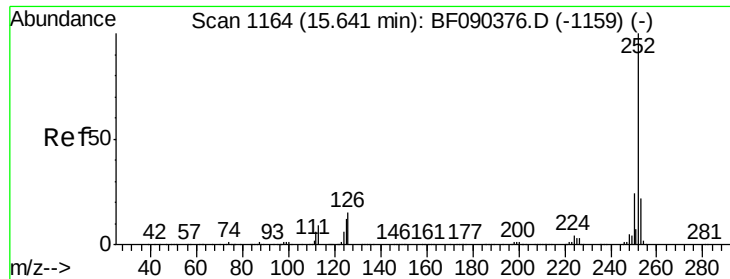
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	27.8
125	16.4	11.7	17.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





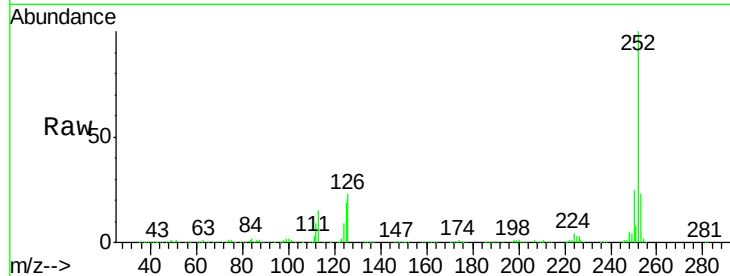
#89
Benzo(a)pyrene
Concen: 41.14 ng
RT: 15.61 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

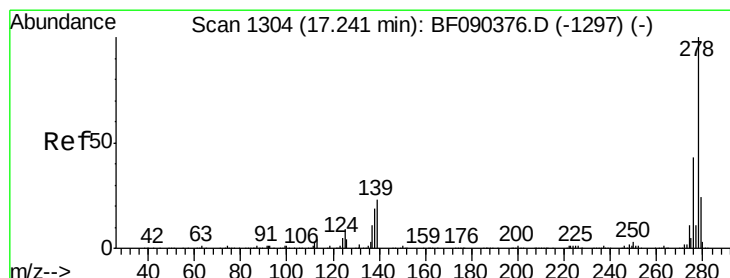
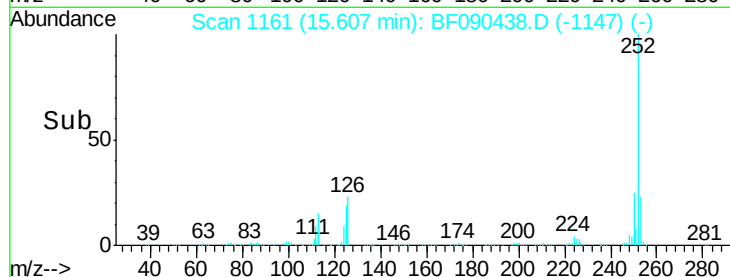
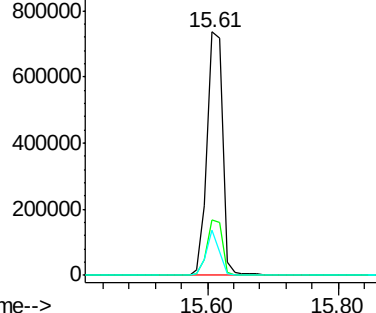
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	18.6	9.8	14.8

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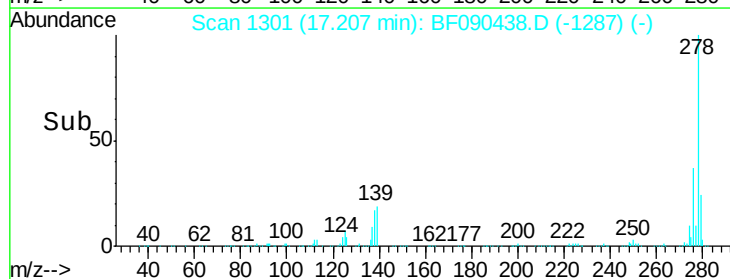
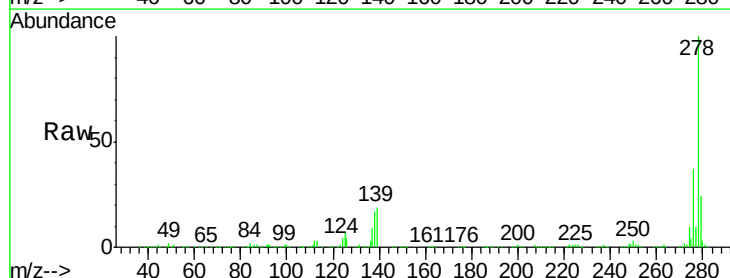
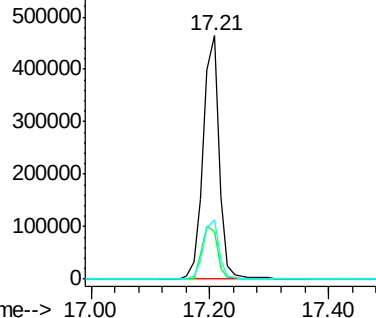
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

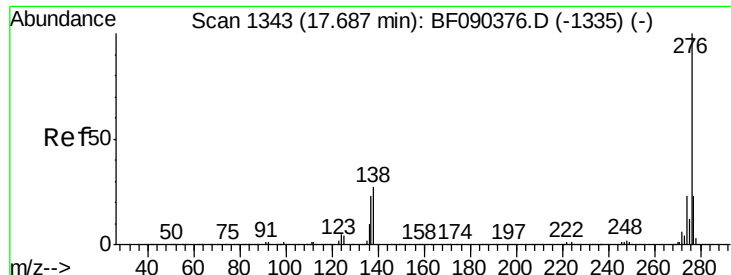


#90
Dibenzo(a,h)anthracene
Concen: 35.03 ng
RT: 17.21 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF090438.D
Acq: 7 Oct 2016 11:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.8	19.2
279	24.4	19.6	29.4

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





#91
 Benzo(g,h,i)perylene
 Concen: 34.56 ng
 RT: 17.64 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF090438.D
 Acq: 7 Oct 2016 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	276	Resp:	825161
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.4	29.0
138	29.3	20.8	31.2

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