

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090458.D
 Acq On : 7 Oct 2016 21:57
 Operator : UM/SJ
 Sample : PB93867BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

Manual Integrations
 APPROVED

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 10/10/2016 6:53:16 PM

Quant Time: Oct 08 00:36:00 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	237748	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	1032599	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	525627	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	793155	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	499025	20.00	ng	-0.02
86) Perylene-d12	15.68	264	388660	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1879676	118.00	ng	0.01
7) Phenol-d6	6.63	99	2505677	120.10	ng	0.01
23) Nitrobenzene-d5	7.56	82	1768536	83.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	730369	170.88	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2856295	90.54	ng	-0.01
78) Terphenyl-d14	13.13	244	2350341	105.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	261400	33.29	ng	# 88
3) Pyridine	3.58	79	729210	33.30	ng	# 79
4) n-Nitrosodimethylamine	3.47	42	317346	35.12	ng	# 46
6) Aniline	6.73	93	858648	29.79	ng	# 55
8) 2-Chlorophenol	6.78	128	777960	44.38	ng	90
9) Benzaldehyde	6.53	77	312969	29.68	ng	96
10) Phenol	6.65	94	1094260	45.11	ng	92
11) bis(2-Chloroethyl)ether	6.73	93	858648	46.23	ng	99
12) 1,3-Dichlorobenzene	6.93	146	744019	42.58	ng	97
13) 1,4-Dichlorobenzene	7.01	146	749903	42.25	ng	93
14) 1,2-Dichlorobenzene	7.16	146	693114	40.53	ng	97
15) Benzyl Alcohol	7.14	79	743653	46.89	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1056191	33.53	ng	75
17) 2-Methylphenol	7.25	107	648493	44.98	ng	99
18) Hexachloroethane	7.50	117	263184	37.61	ng	93
19) n-Nitroso-di-n-propylamine	7.41	70	639364	41.79	ng	# 79
20) 3+4-Methylphenols	7.40	107	763662	40.92	ng	# 68
22) Acetophenone	7.40	105	1011508	41.36	ng	95
24) Nitrobenzene	7.57	77	778964	36.96	ng	98
25) Isophorone	7.81	82	1494212	38.50	ng	97
26) 2-Nitrophenol	7.89	139	397498	43.82	ng	# 85
27) 2,4-Dimethylphenol	7.94	122	767549	43.51	ng	99
28) bis(2-Chloroethoxy)methane	8.03	93	972839	42.38	ng	99
29) 2,4-Dichlorophenol	8.14	162	615826	45.92	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	642758	46.50	ng	96
31) Naphthalene	8.30	128	2136392	42.88	ng	99
32) Benzoic acid	8.06	122	503986	41.10	ng	97
33) 4-Chloroaniline	8.38	127	156199	7.59	ng	# 87
34) Hexachlorobutadiene	8.42	225	311430	40.33	ng	99
35) Caprolactam	8.73	113	176188	39.07	ng	# 87
36) 4-Chloro-3-methylphenol	8.84	107	684710	40.77	ng	98
37) 2-Methylnaphthalene	9.00	142	1369734m	45.42	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	578268	41.73	ng	# 98
40) Hexachlorocyclopentadiene	9.15	237	337752	44.46	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	422260	44.16	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	423931	46.88	ng	98
45) 1,1'-Biphenyl	9.46	154	1510647	38.79	ng	94
46) 2-Chloronaphthalene	9.49	162	1330641	46.24	ng	92
47) 2-Nitroaniline	9.58	65	518026	45.62	ng	95
48) Acenaphthylene	9.90	152	1864943	39.28	ng	100
49) Dimethylphthalate	9.77	163	1614746	47.97	ng	99
50) 2,6-Dinitrotoluene	9.82	165	354730	47.46	ng	# 83
51) Acenaphthene	10.07	154	1266849	42.79	ng	97
52) 3-Nitroaniline	9.98	138	126350	14.47	ng	82
53) 2,4-Dinitrophenol	10.10	184	263308	79.02	ng	95
54) Dibenzofuran	10.25	168	1612143	42.07	ng	93
55) 4-Nitrophenol	10.17	139	674287	88.27	ng	# 77
56) 2,4-Dinitrotoluene	10.22	165	407817	41.00	ng	# 29
57) Fluorene	10.59	166	1275174	39.59	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	359889	53.29	ng	92
59) Diethylphthalate	10.46	149	1449859	41.63	ng	94
60) 4-Chlorophenyl-phenylether	10.59	204	649571	44.36	ng	# 78
61) 4-Nitroaniline	10.61	138	292774	33.28	ng	88
62) Azobenzene	10.74	77	1672072	41.56	ng	88
64) 4,6-Dinitro-2-methylphenol	10.63	198	173600	34.19	ng	# 65
65) n-Nitrosodiphenylamine	10.70	169	1216309	45.76	ng	98
66) 4-Bromophenyl-phenylether	11.08	248	374603	48.18	ng	# 78
67) Hexachlorobenzene	11.14	284	400355	46.24	ng	# 73
68) Atrazine	11.23	200	293803	44.83	ng	98
69) Pentachlorophenol	11.34	266	491378	95.34	ng	97
70) Phenanthrene	11.56	178	2010402	49.50	ng	98
71) Anthracene	11.61	178	1731774	41.75	ng	99
72) Carbazole	11.77	167	1673780	43.44	ng	96
73) Di-n-butylphthalate	12.10	149	2209612	47.12	ng	# 96
74) Fluoranthene	12.75	202	1653739	41.51	ng	95
76) Benzidine	12.86	184	208546	15.89	ng	99
77) Pyrene	12.98	202	1583507	47.59	ng	99
79) Butylbenzylphthalate	13.60	149	783379	45.88	ng	# 85
80) Benzo(a)anthracene	14.17	228	1251457	44.70	ng	98
81) 3,3'-Dichlorobenzidine	14.13	252	233671	23.02	ng	# 98
82) Chrysene	14.20	228	1067630	41.43	ng	98
83) Bis(2-ethylhexyl)phthalate	14.16	149	1038611	42.80	ng	# 98
84) Di-n-octyl phthalate	14.77	149	1543497	42.90	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.18	276	971861	52.90	ng	94
87) Benzo(b)fluoranthene	15.24	252	1147966	46.37	ng	# 98
88) Benzo(k)fluoranthene	15.26	252	982097m	42.23	ng	
89) Benzo(a)pyrene	15.62	252	1016076	47.62	ng	98
90) Dibenzo(a,h)anthracene	17.21	278	842197	46.39	ng	# 95
91) Benzo(g,h,i)perylene	17.64	276	752898	43.22	ng	95

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

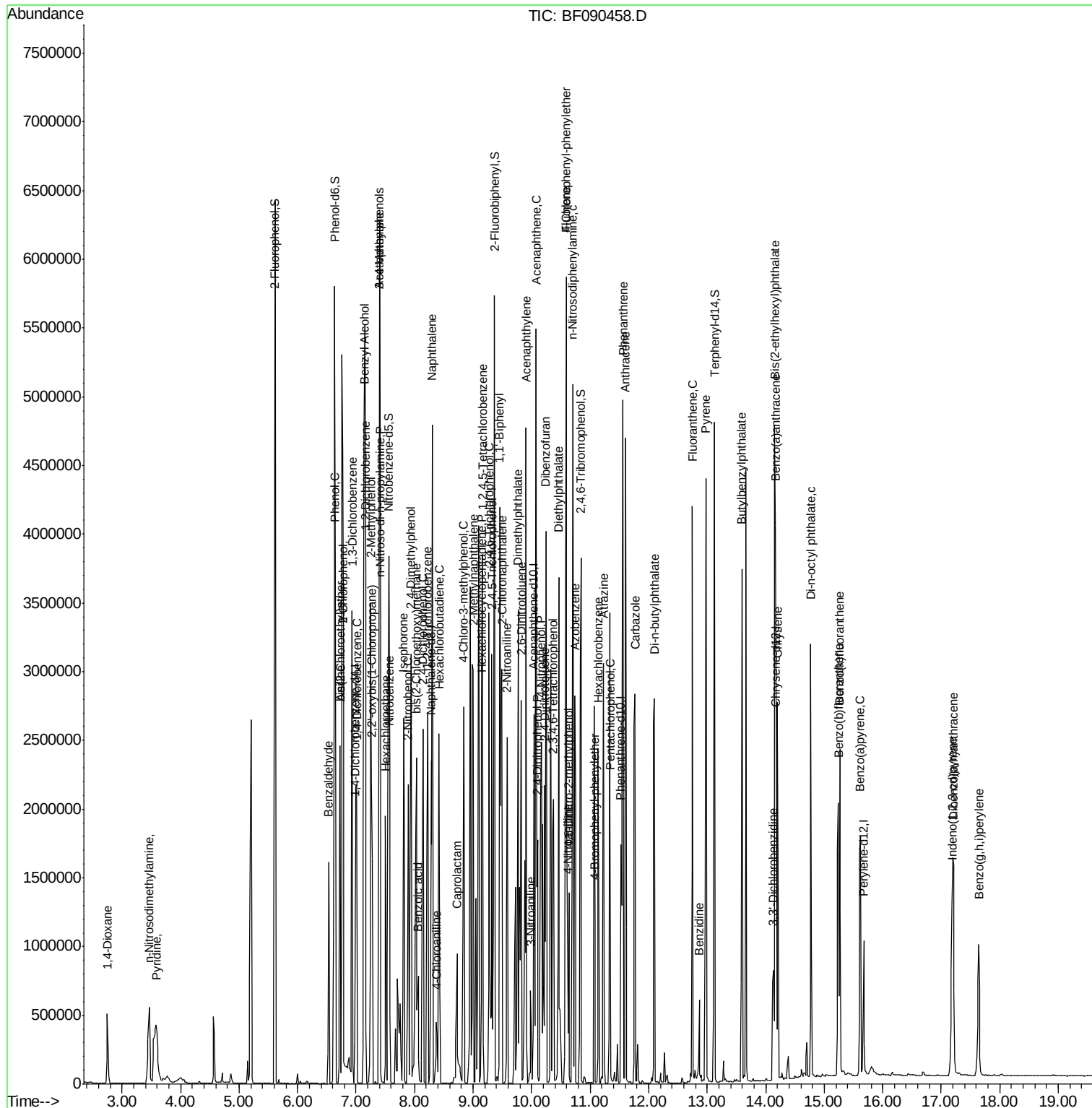
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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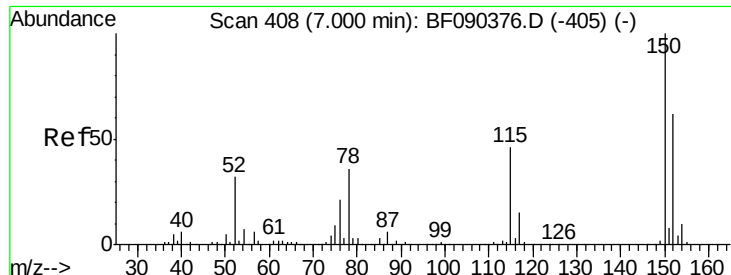
Instrument :
BNA_F
ClientSampleID :
PB93867BS

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#1

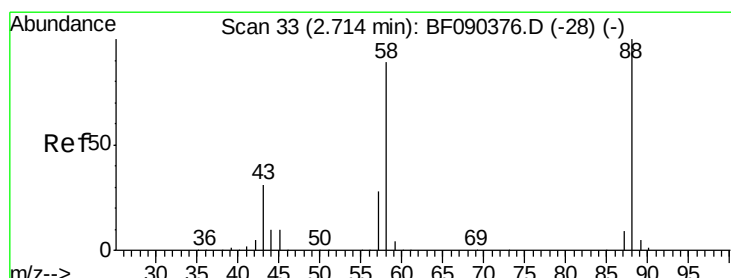
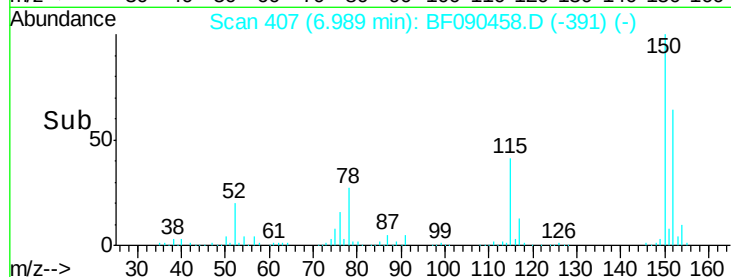
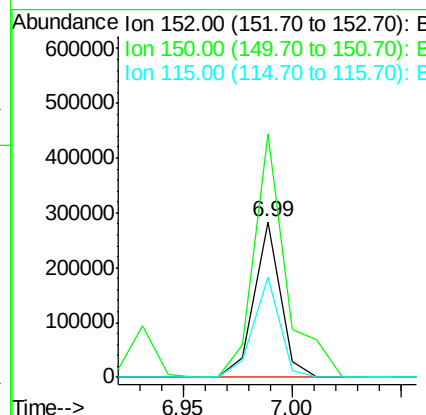
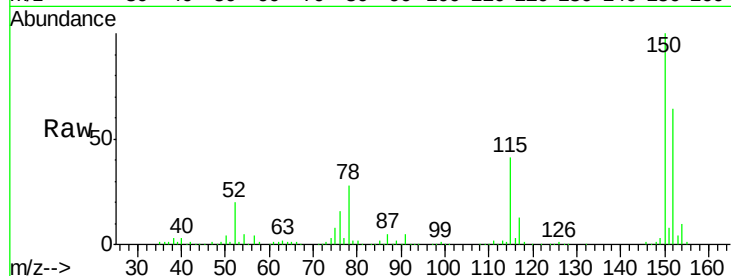
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.99 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampled :
PB93867BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	64.7	46.2	69.4

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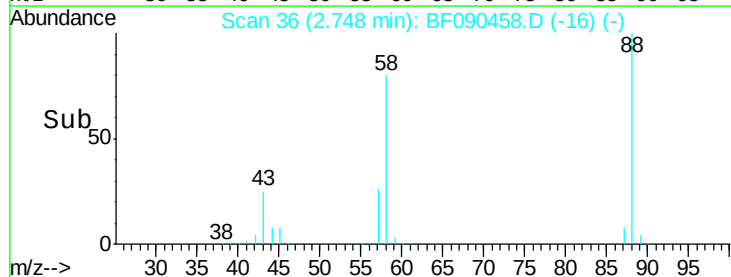
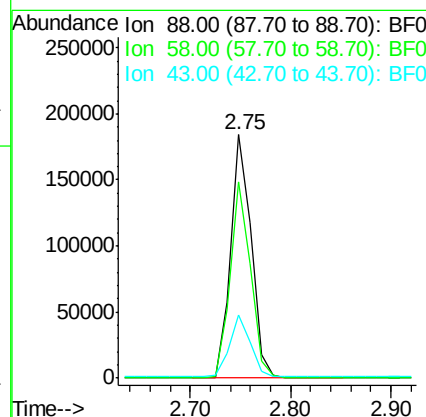
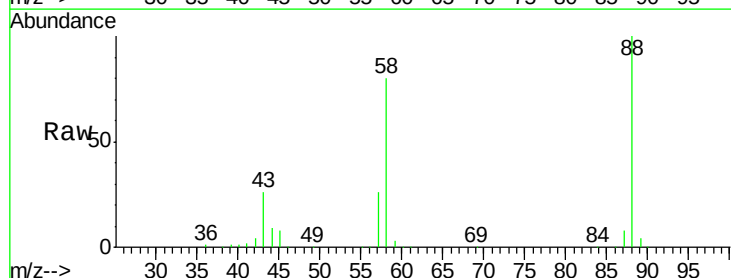
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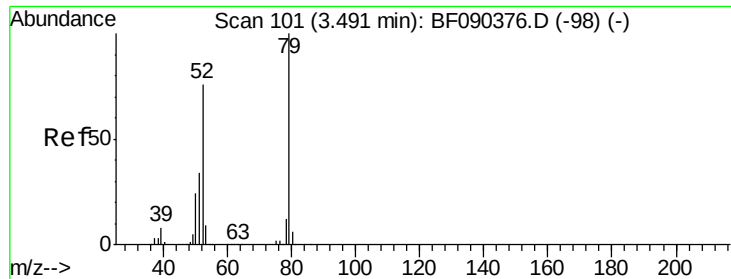


#2

1,4-Dioxane
Concen: 33.29 ng
RT: 2.75 min Scan# 36
Delta R.T. 0.03 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	71.2	106.8
43	25.9	29.8	44.6





#3

Pyridine

Concen: 33.30 ng

RT: 3.58 min Scan# 109

Delta R.T. 0.09 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

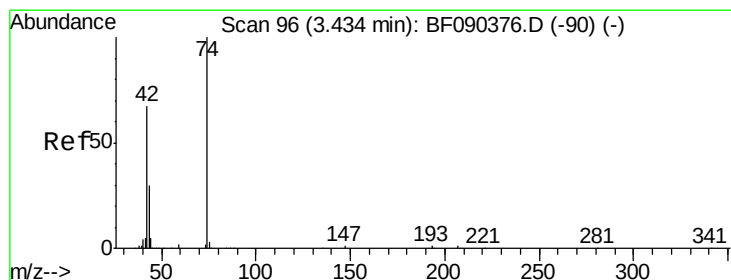
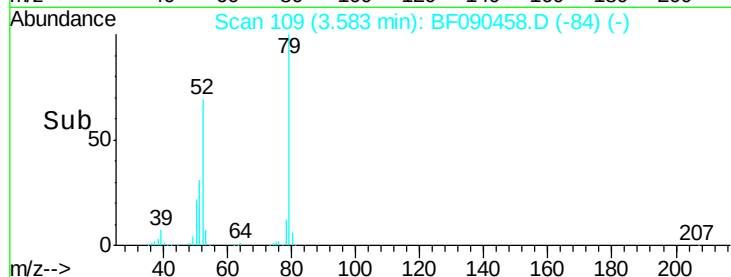
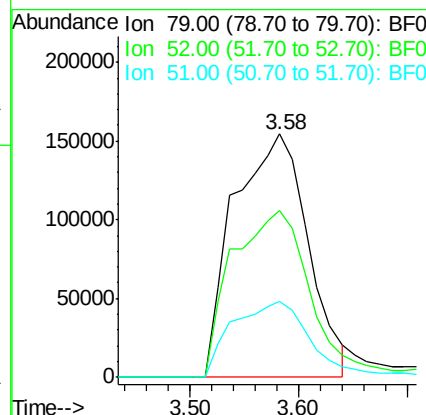
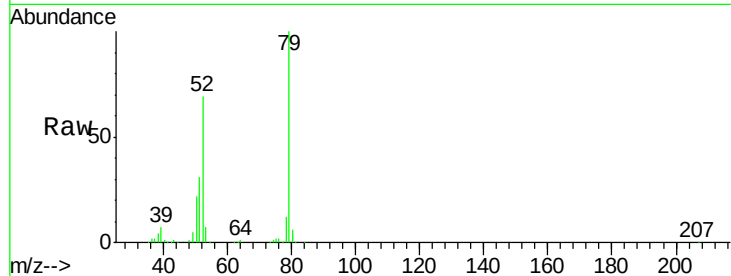
ClientSampleId :

PB93867BS

Tgt Ion:	79	Resp:	729210
Ion Ratio	Lower	Upper	
79	100		
52	68.7	71.3	106.9#
51	31.3	34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 35.12 ng

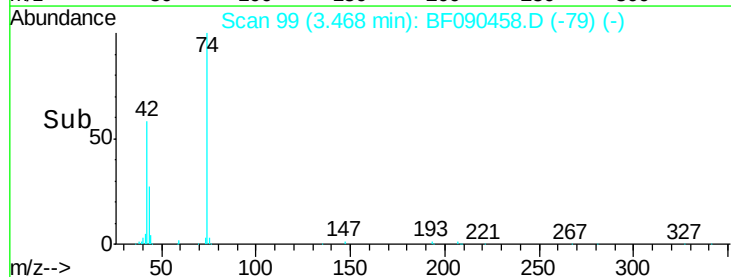
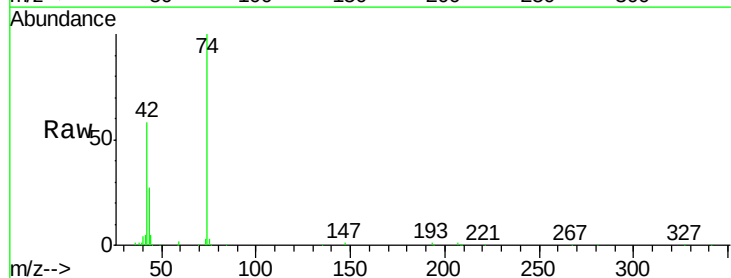
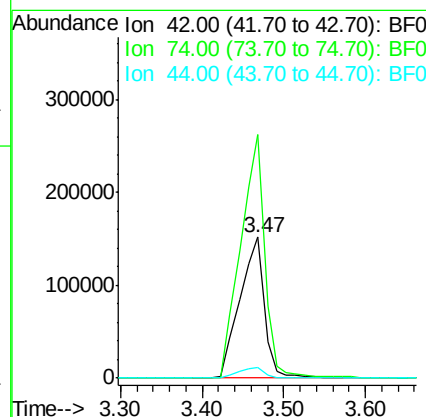
RT: 3.47 min Scan# 99

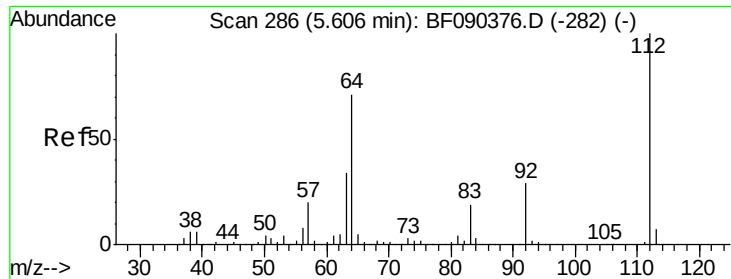
Delta R.T. 0.03 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion:	42	Resp:	317346
Ion Ratio	Lower	Upper	
42	100		
74	172.7	88.9	133.3#
44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 118.00 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

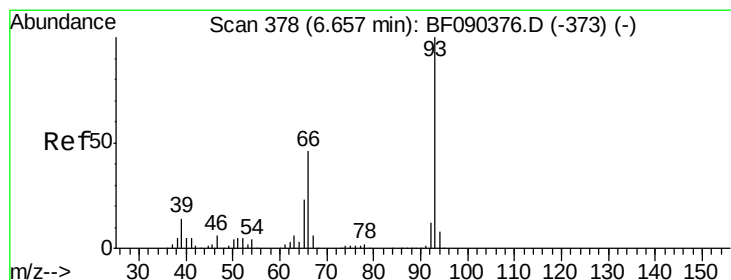
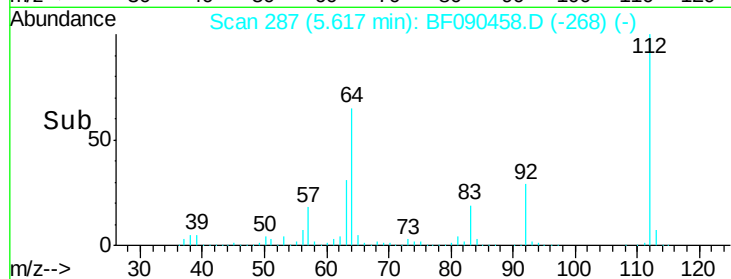
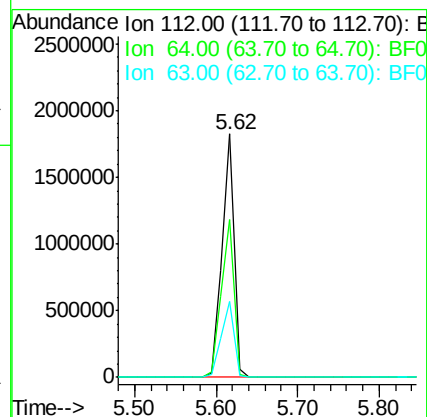
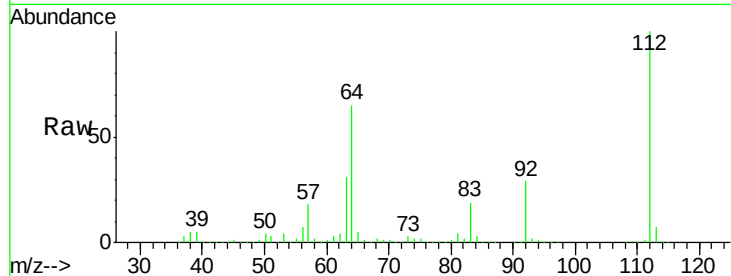
ClientSampleId :

PB93867BS

Tgt Ion:	112	Resp:	1879676
Ion	Ratio	Lower	Upper
112	100		
64	64.7	57.9	86.9
63	31.2	29.6	44.4

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#6

Aniline

Concen: 29.79 ng

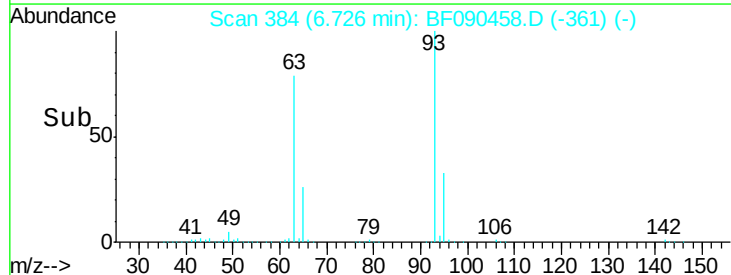
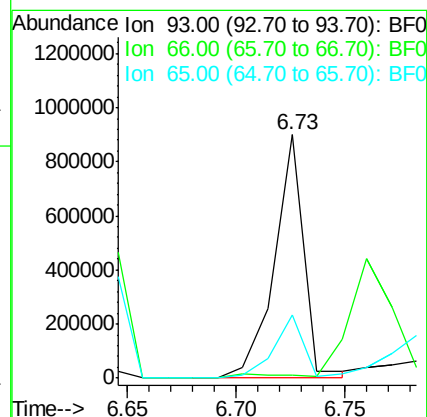
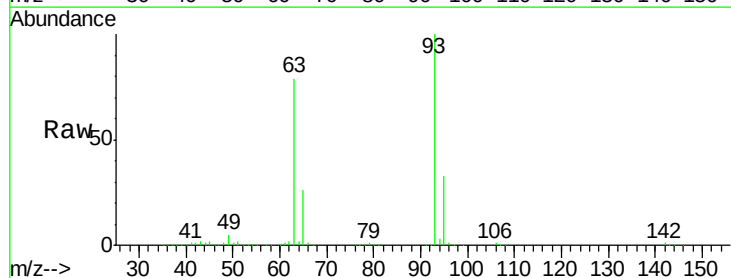
RT: 6.73 min Scan# 384

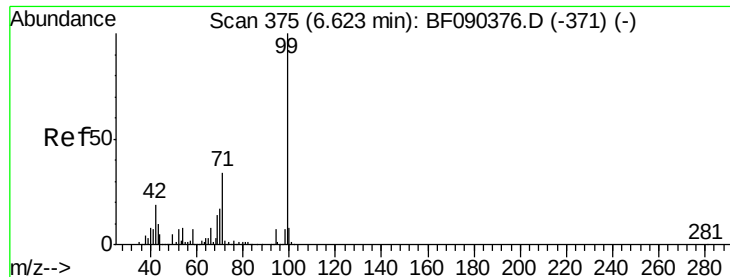
Delta R.T. 0.07 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion:	93	Resp:	858648
Ion	Ratio	Lower	Upper
93	100		
66	1.0	34.5	51.7#
65	25.8	18.2	27.2





#7

Phenol-d6

Concen: 120.10 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampled :

PB93867BS

Tgt Ion: 99 Resp: 2505677

Ion Ratio Lower Upper

99 100

42 15.4 20.0 30.0#

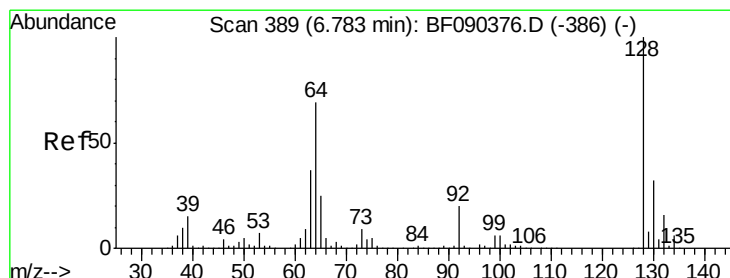
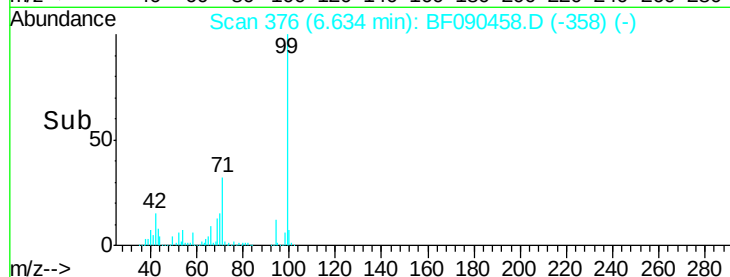
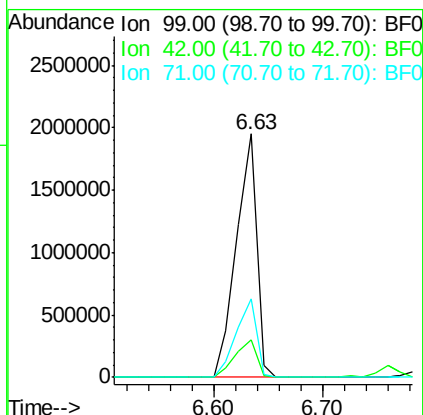
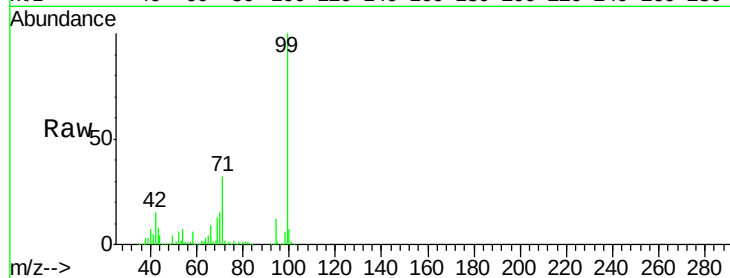
71 32.4 27.9 41.9

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#8

2-Chlorophenol

Concen: 44.38 ng

RT: 6.78 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

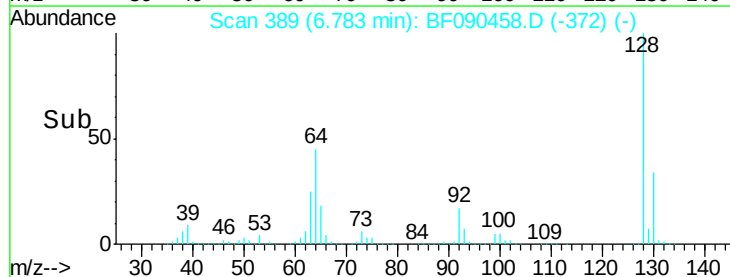
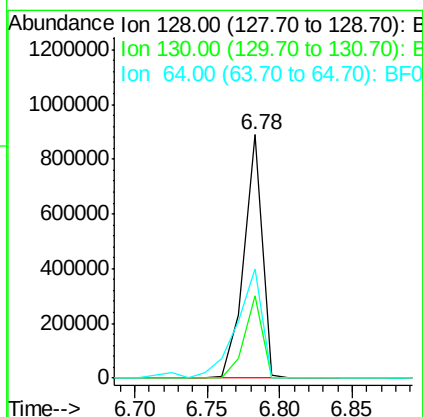
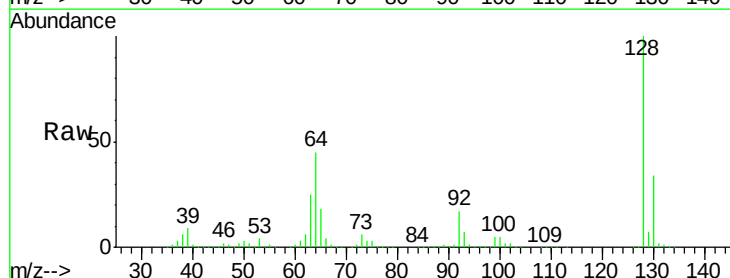
Tgt Ion: 128 Resp: 777960

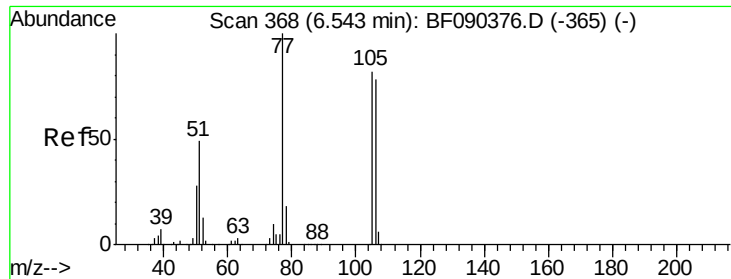
Ion Ratio Lower Upper

128 100

130 34.0 13.3 53.3

64 45.0 36.0 76.0





#9

Benzaldehyde

Concen: 29.68 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

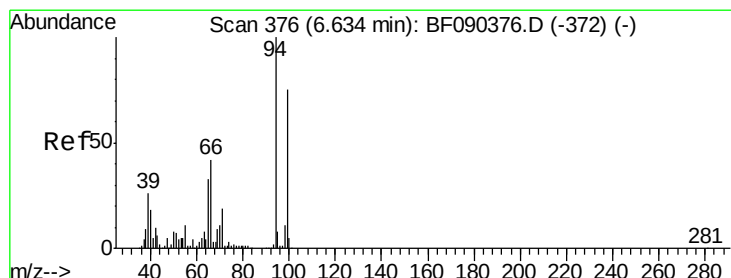
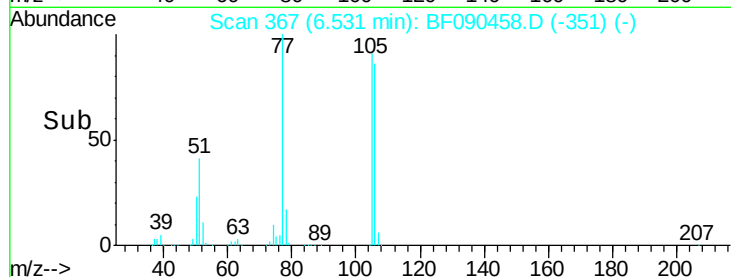
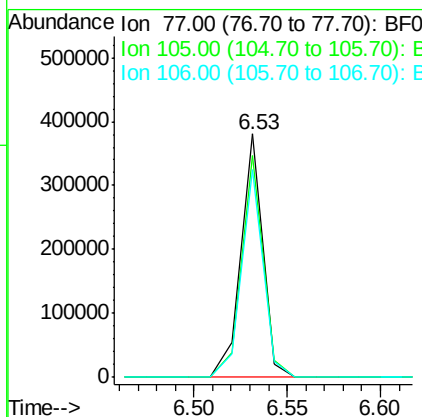
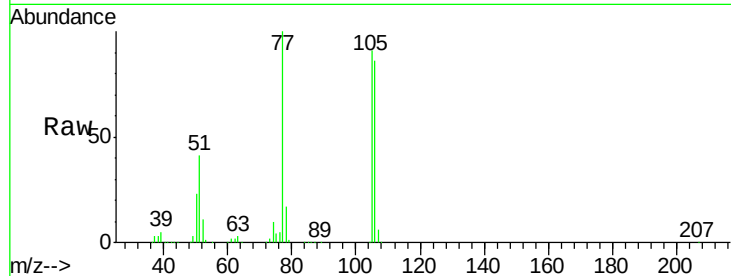
ClientSampleId :

PB93867BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	91.0	73.1	113.1
106	85.6	70.2	110.2

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#10

Phenol

Concen: 45.11 ng

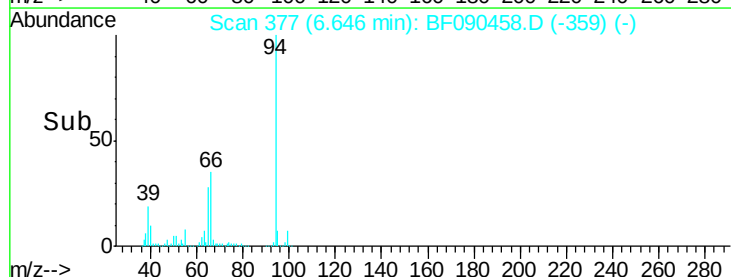
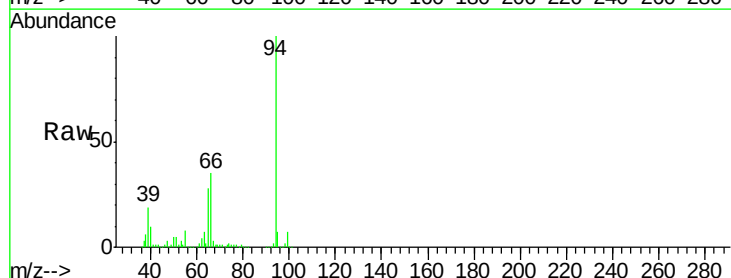
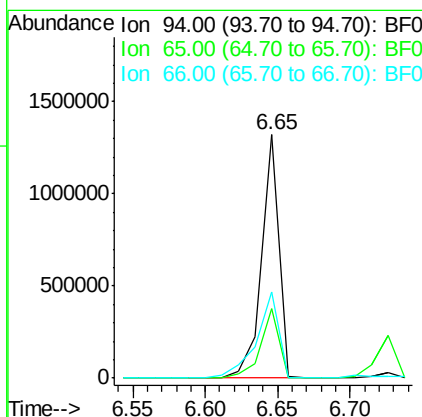
RT: 6.65 min Scan# 377

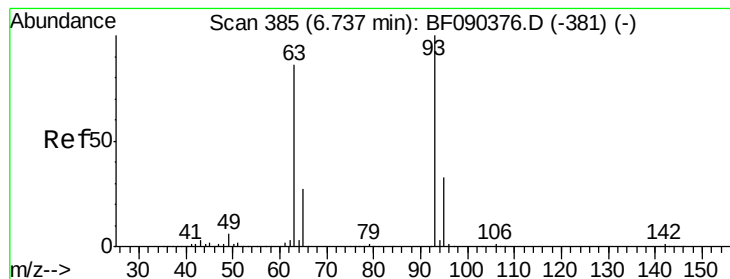
Delta R.T. 0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.4	13.3	53.3
66	35.3	20.4	60.4





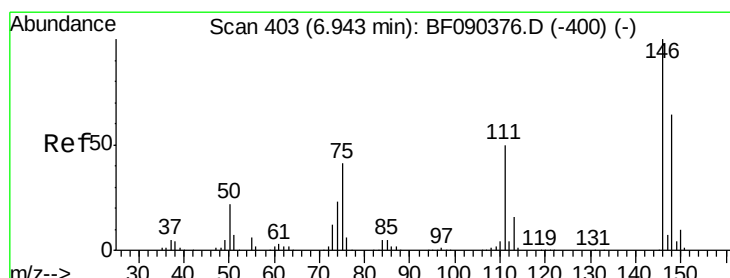
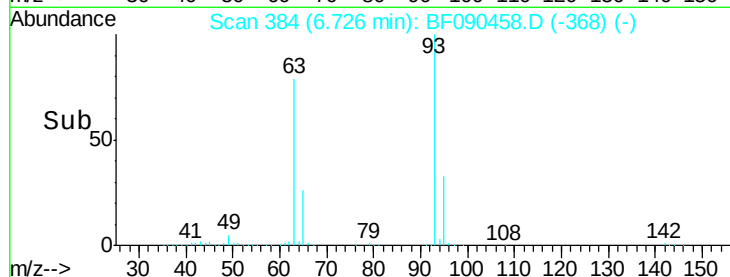
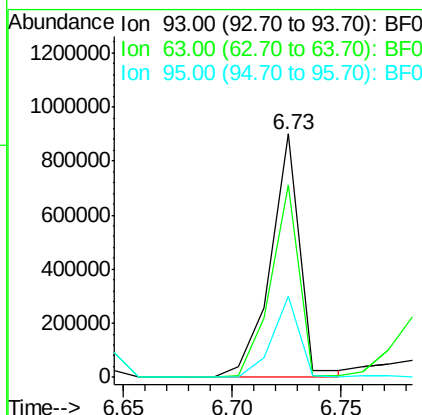
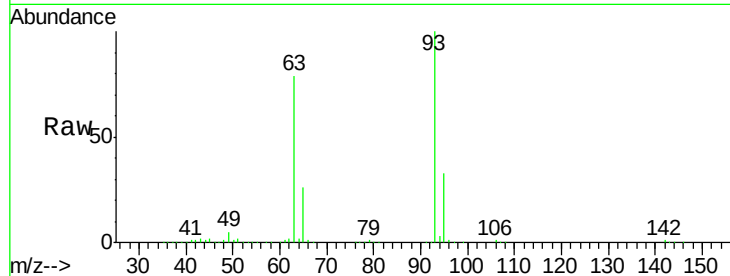
#11
bis(2-Chloroethyl)ether
Concen: 46.23 ng
RT: 6.73 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.8	59.7	99.7
95	33.1	14.0	54.0

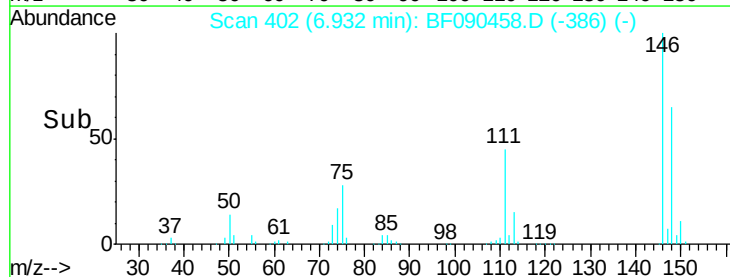
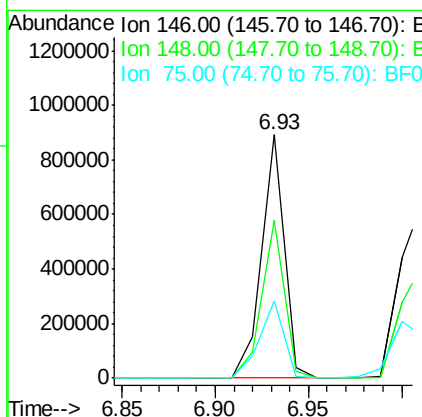
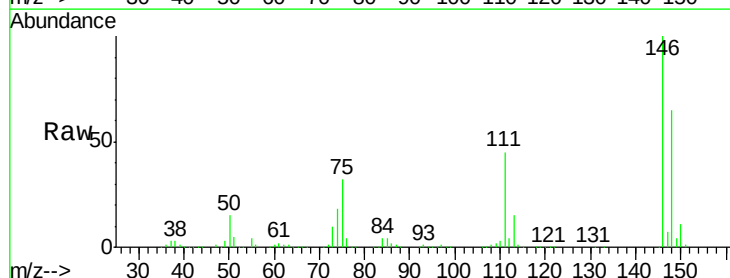
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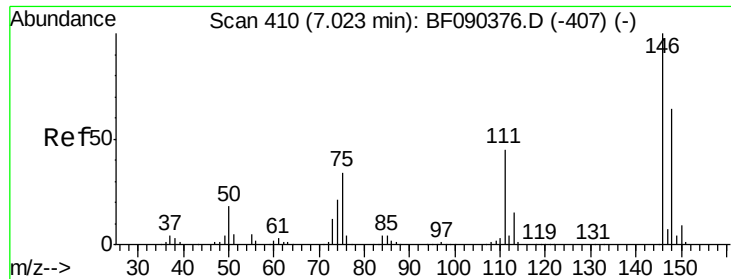
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#12
1,3-Dichlorobenzene
Concen: 42.58 ng
RT: 6.93 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.4
75	31.7	21.4	32.2





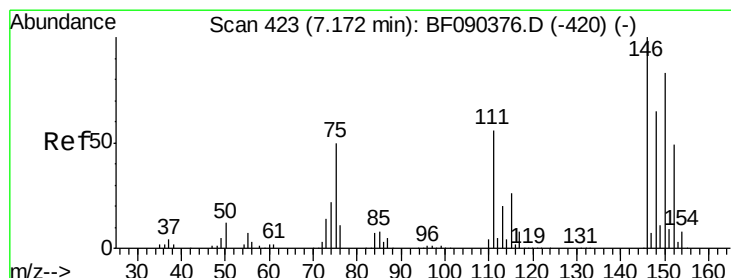
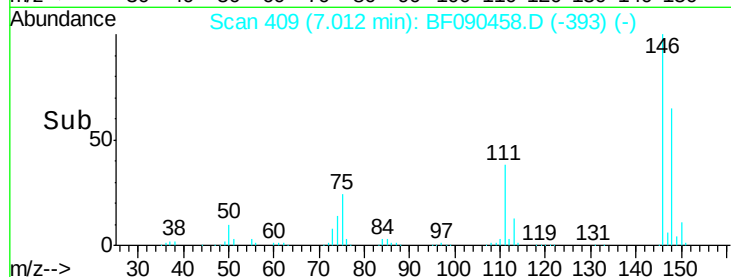
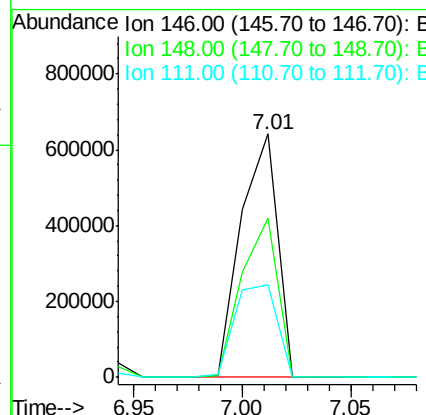
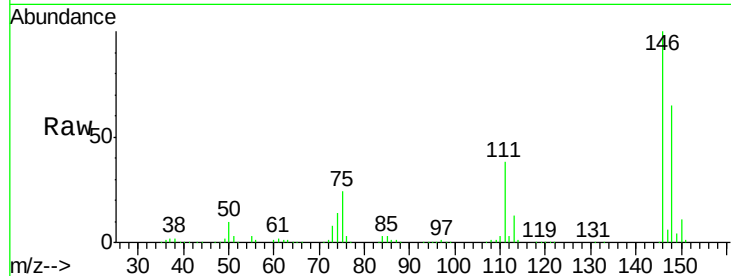
#13
 1,4-Dichlorobenzene
 Concen: 42.25 ng
 RT: 7.01 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	37.8	37.8	56.6

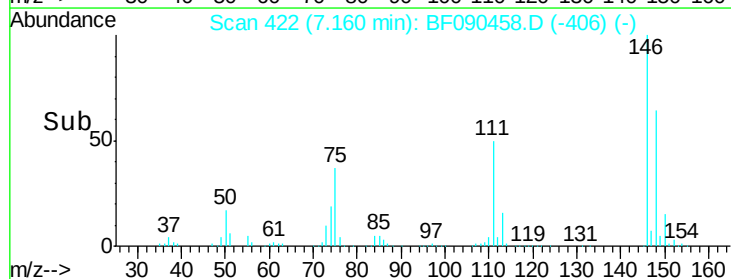
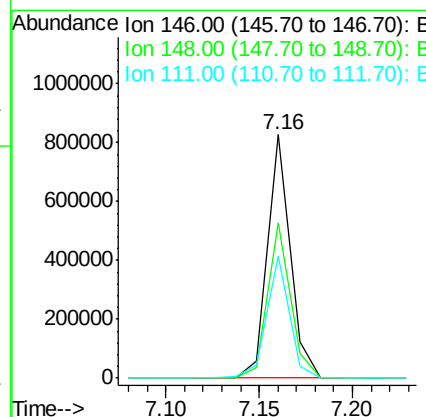
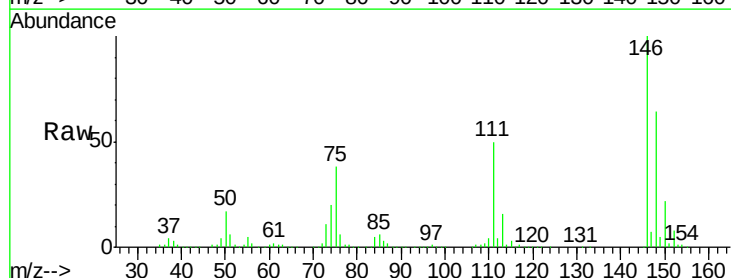
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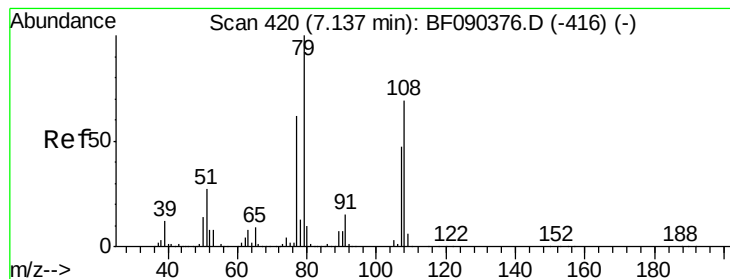
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#14
 1,2-Dichlorobenzene
 Concen: 40.53 ng
 RT: 7.16 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	50.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 46.89 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

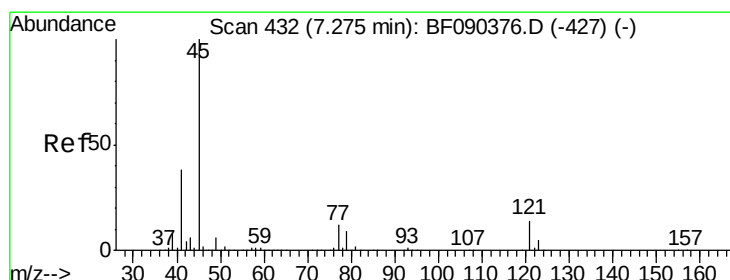
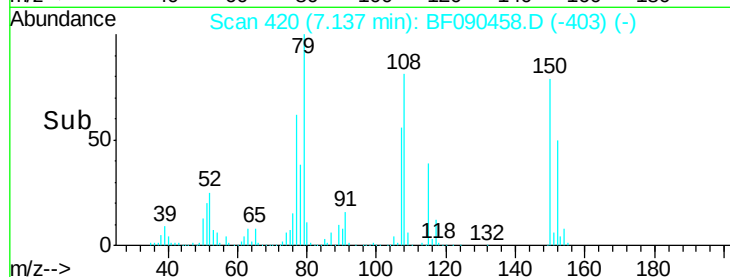
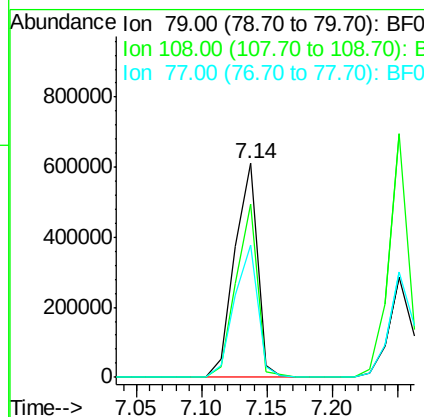
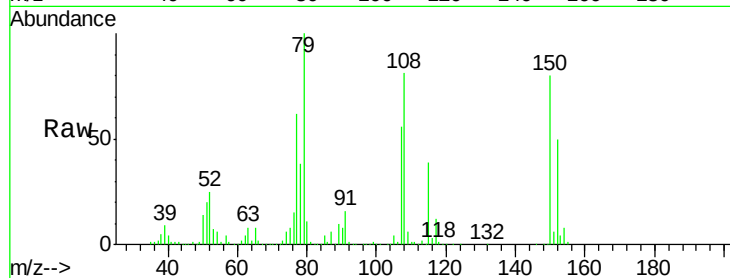
ClientSampled :

PB93867BS

Tgt Ion:	79	Resp:	743653
Ion Ratio	Lower	Upper	
79	100		
108	81.0	60.9	91.3
77	61.7	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.53 ng

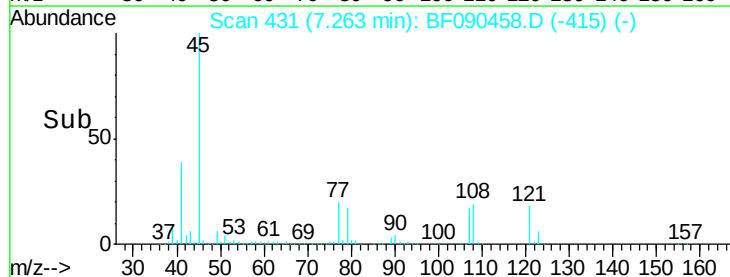
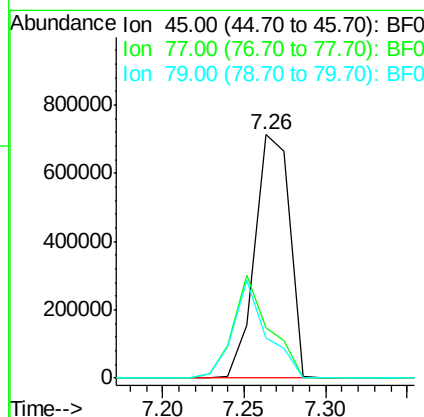
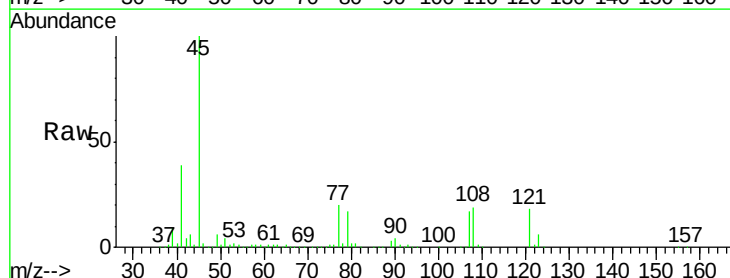
RT: 7.26 min Scan# 431

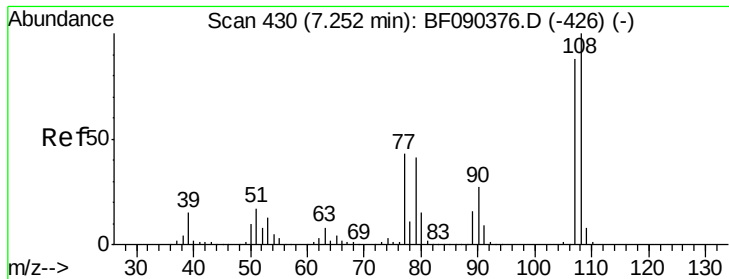
Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion:	45	Resp:	1056191
Ion Ratio	Lower	Upper	
45	100		
77	20.5	0.0	30.8
79	16.7	0.0	28.2





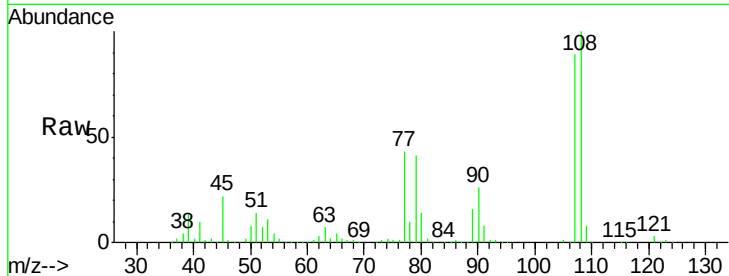
#17
 2-Methylphenol
 Concen: 44.98 ng
 RT: 7.25 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampled :
 PB93867BS

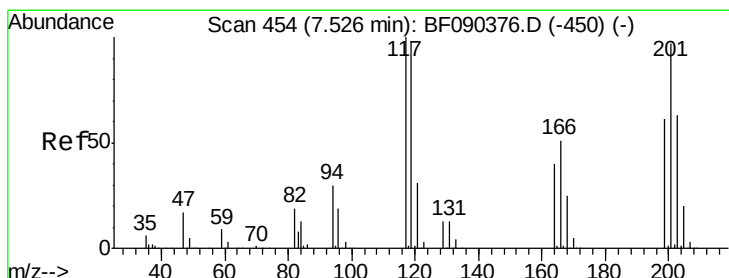
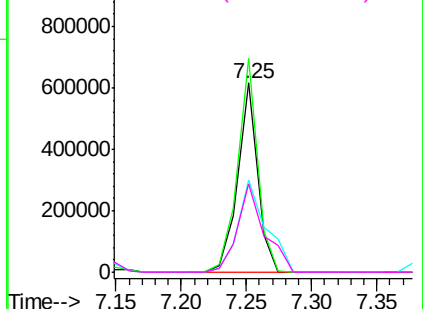
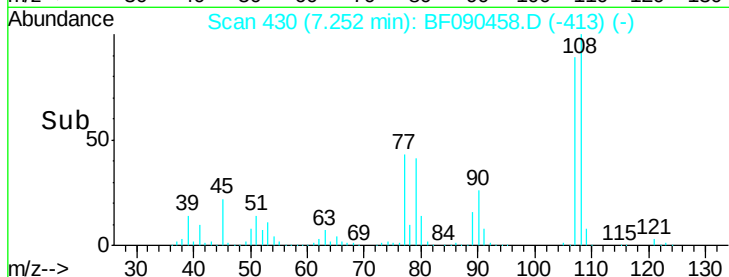
Tgt Ion:	107	Resp:	648493
Ion Ratio	Lower	Upper	
107	100		
108	112.7	90.9	136.3
77	48.9	38.2	57.4
79	46.6	37.0	55.4

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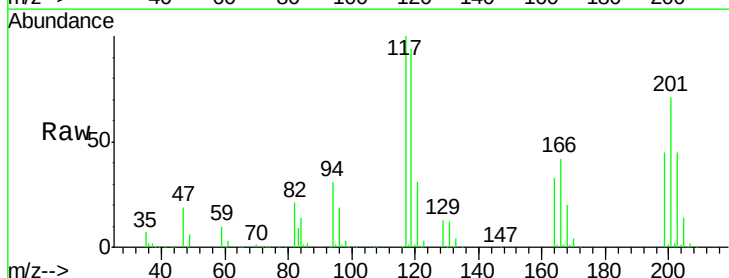


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

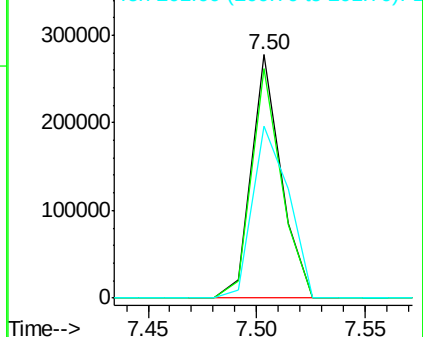
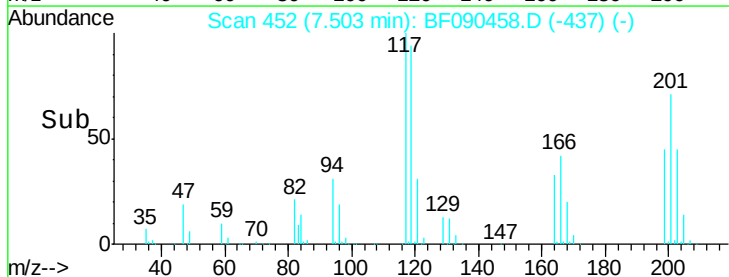


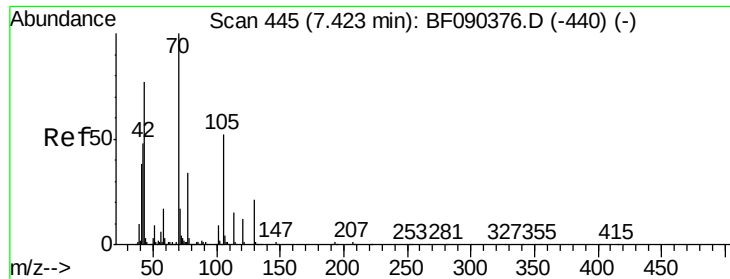
#18
 Hexachloroethane
 Concen: 37.61 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion:	117	Resp:	263184
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.9	113.9
201	70.7	66.5	99.7



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





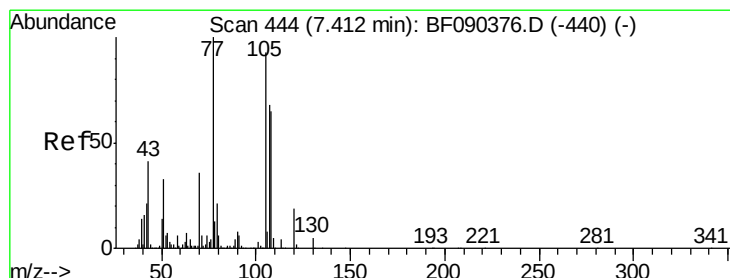
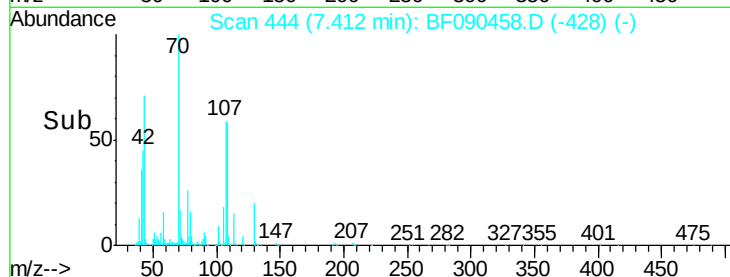
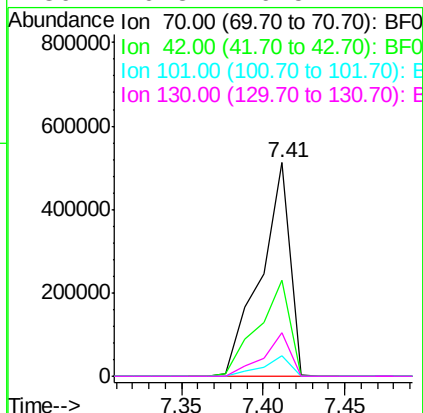
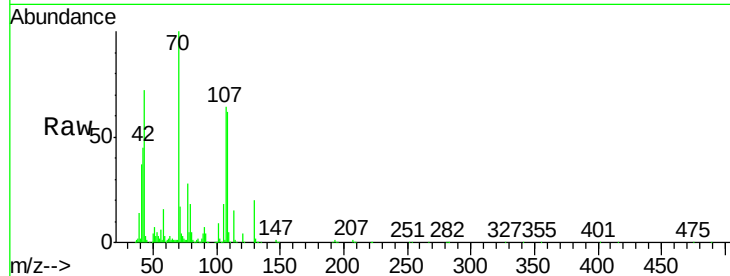
#19
n-Nitroso-di-n-propylamine
Concen: 41.79 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.7	55.4	83.2#
101	9.3	7.6	11.4
130	20.3	16.5	24.7

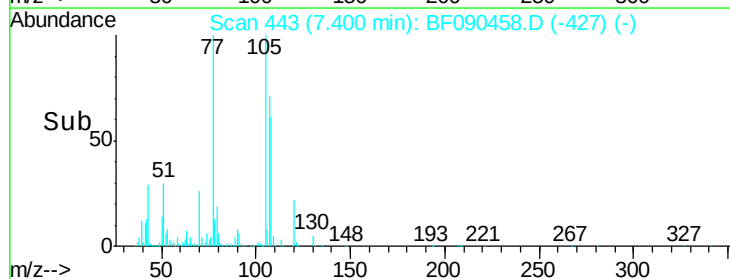
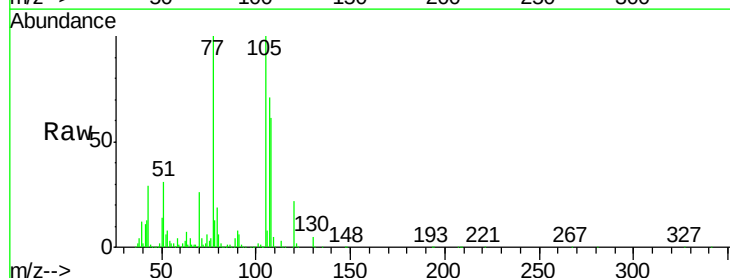
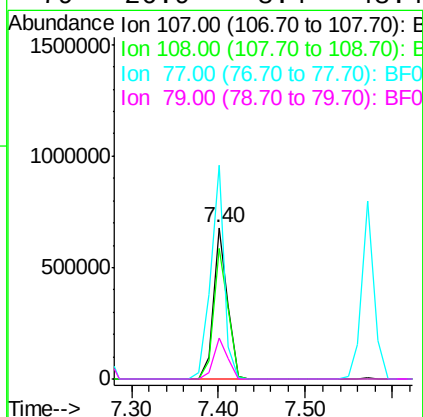
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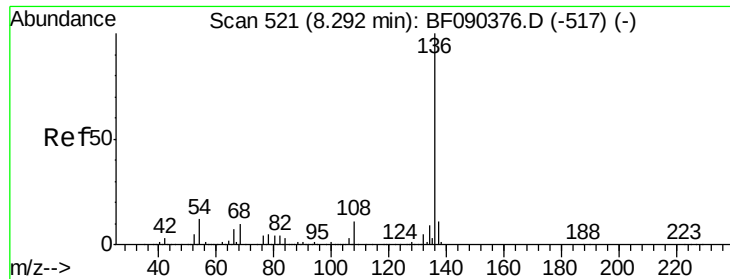
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#20
3+4-Methylphenols
Concen: 40.92 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	66.7	106.7
77	140.9	53.7	93.7#
79	26.9	8.4	48.4





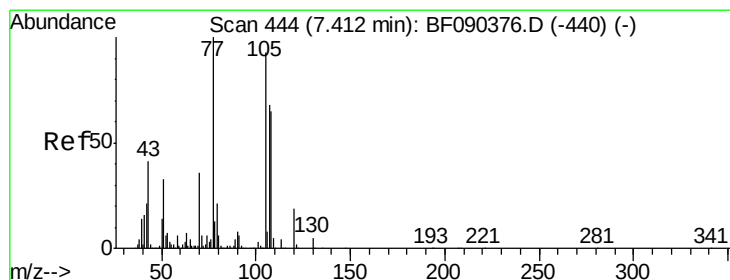
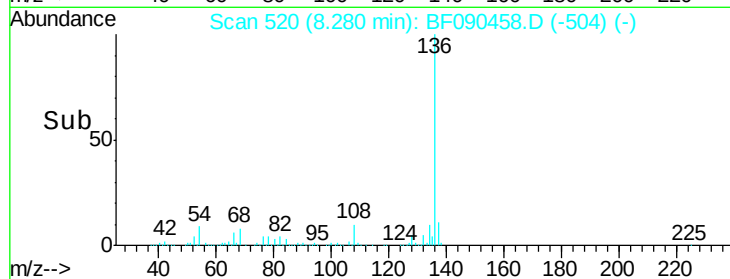
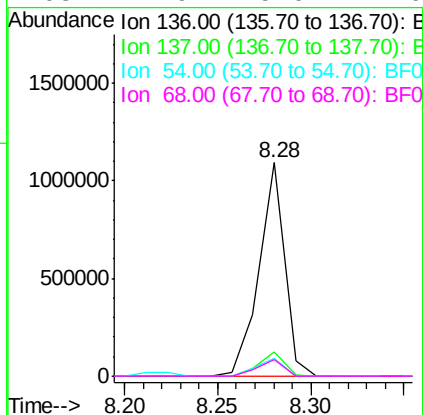
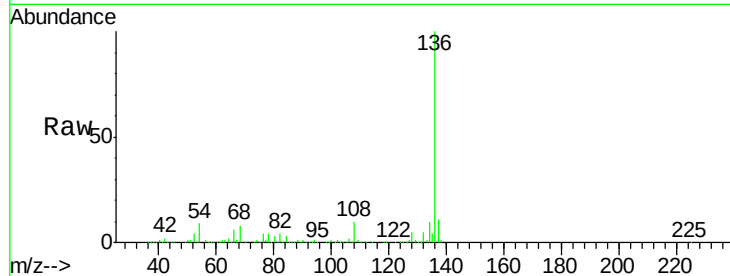
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.6	6.6	10.0
68	7.9	5.0	7.6

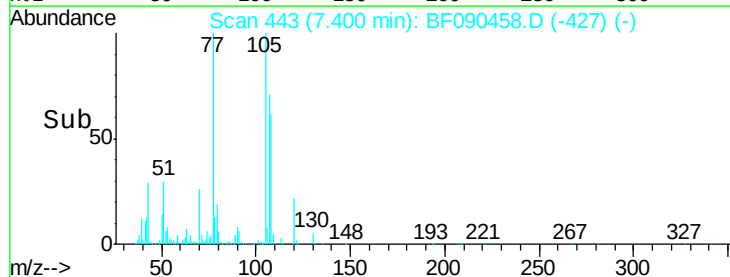
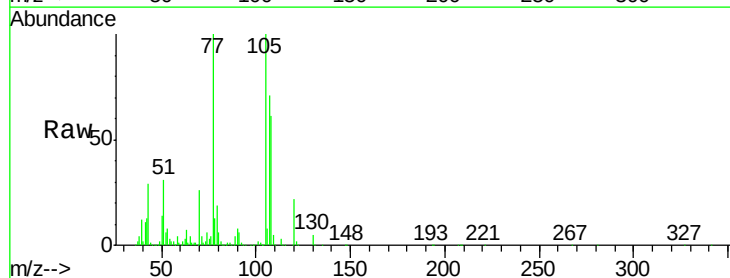
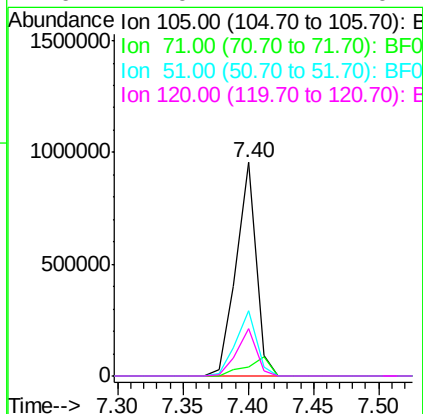
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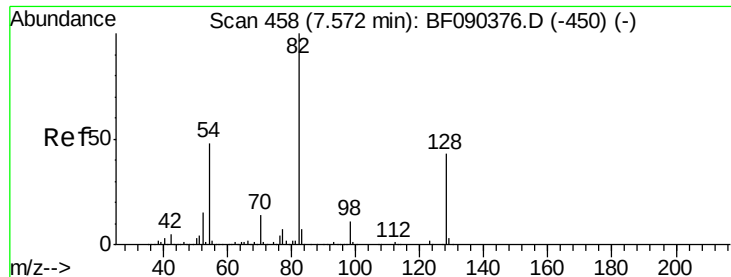
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#22
Acetophenone
Concen: 41.36 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.8	5.6
51	30.6	28.2	42.4
120	22.0	17.4	26.2





#23

Nitrobenzene-d5

Concen: 83.31 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

PB93867BS

Tgt Ion: 82 Resp: 1768536

Ion Ratio Lower Upper

82 100

128 47.9 40.0 60.0

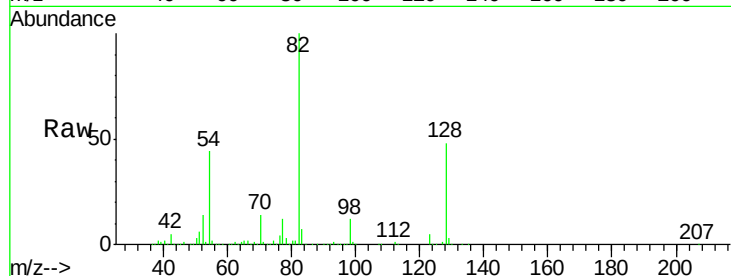
54 44.0 42.6 64.0

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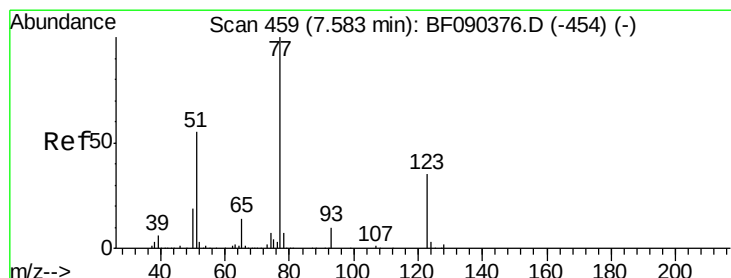
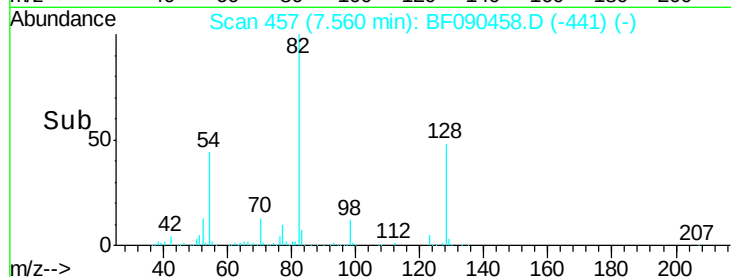
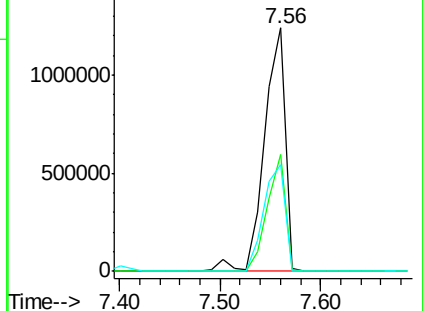
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.96 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

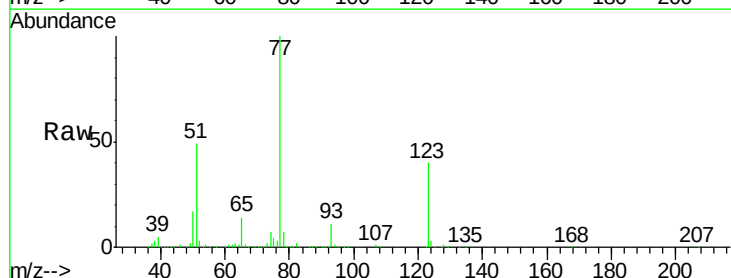
Tgt Ion: 77 Resp: 778964

Ion Ratio Lower Upper

77 100

123 39.9 33.0 49.4

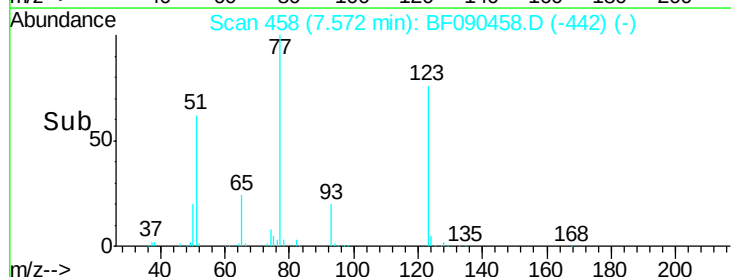
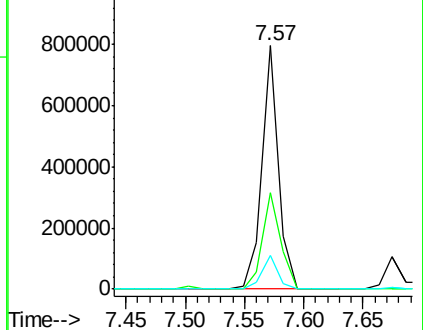
65 13.9 12.0 18.0

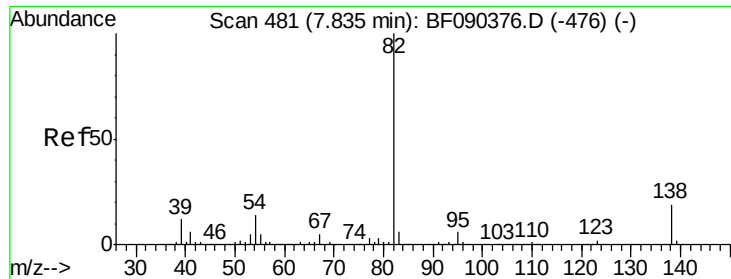


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.50 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

PB93867BS

Tgt Ion: 82 Resp: 1494212

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

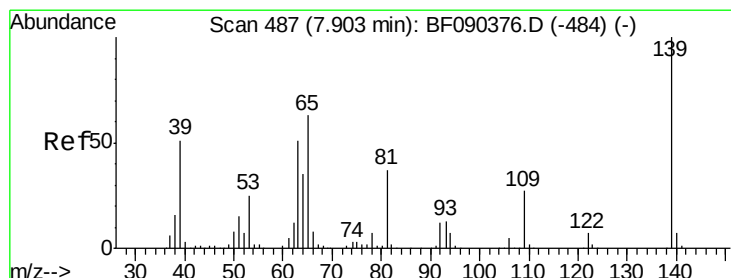
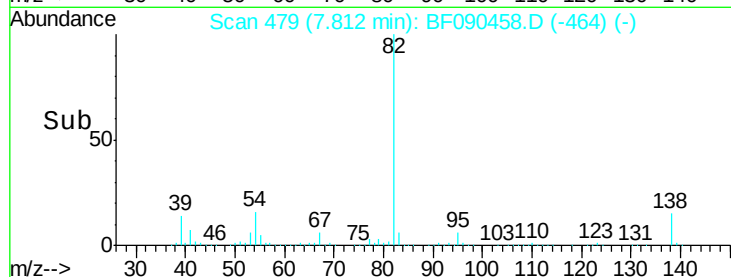
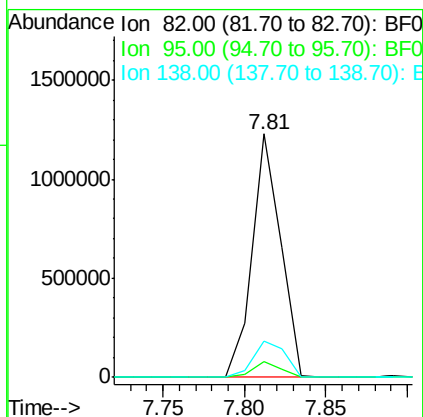
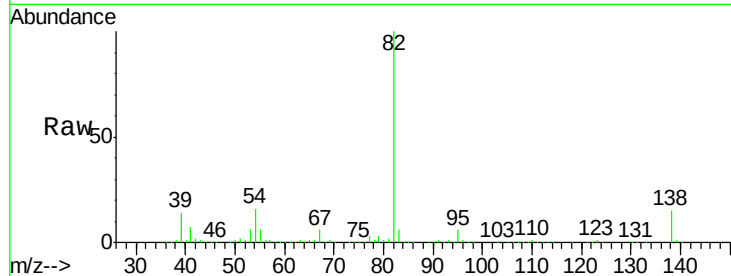
138 14.7 13.0 19.4

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#26

2-Nitrophenol

Concen: 43.82 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

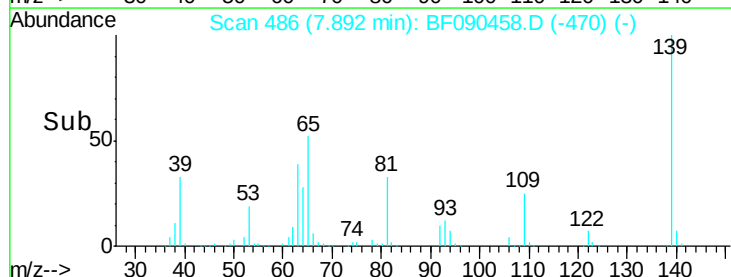
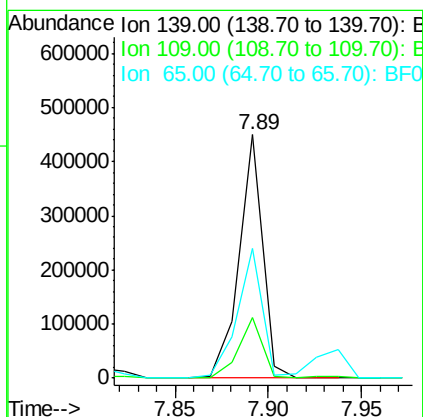
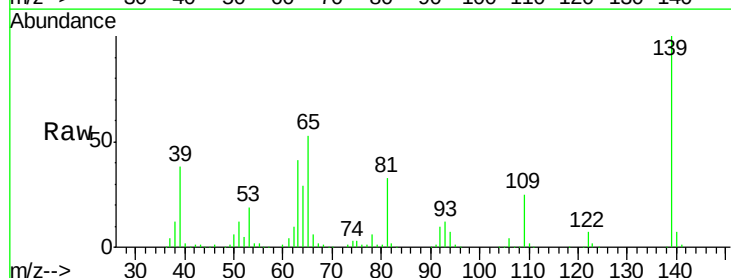
Tgt Ion: 139 Resp: 397498

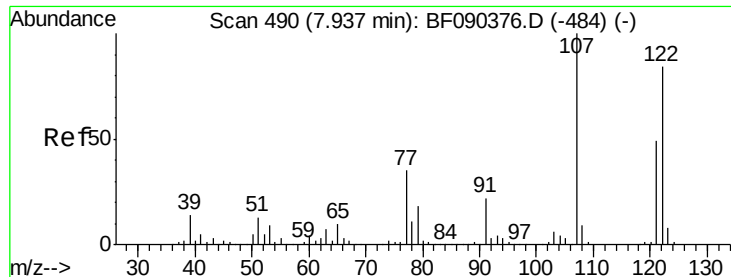
Ion Ratio Lower Upper

139 100

109 24.8 18.9 28.3

65 53.3 31.6 47.4#





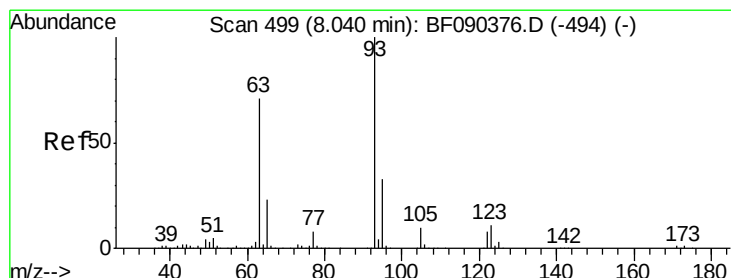
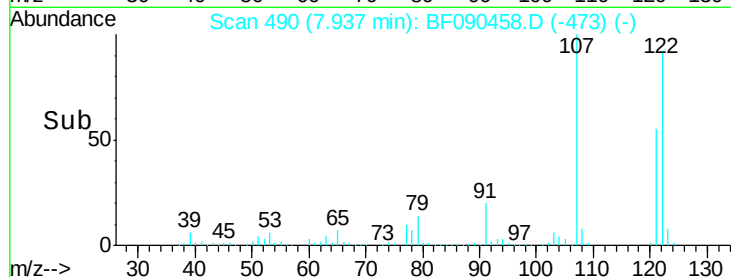
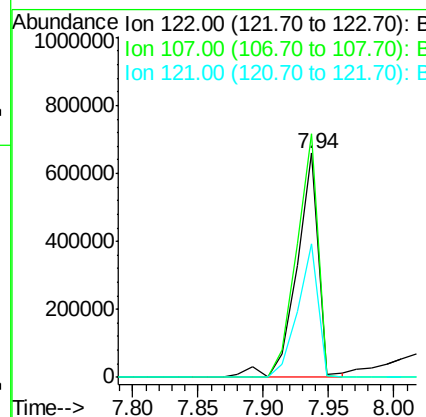
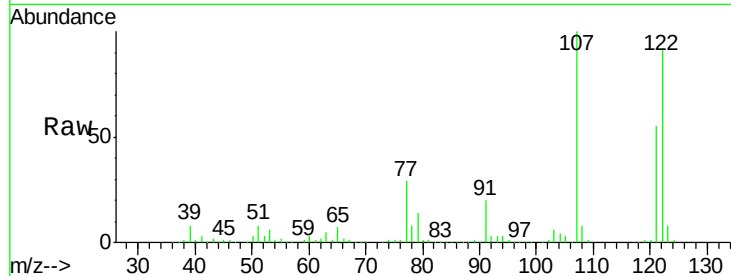
#27
 2,4-Dimethylphenol
 Concen: 43.51 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleID :
 PB93867BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	767549		
107	108.6	88.6	132.8	
121	59.7	47.5	71.3	

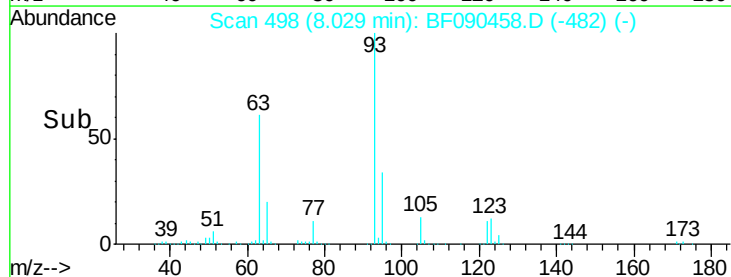
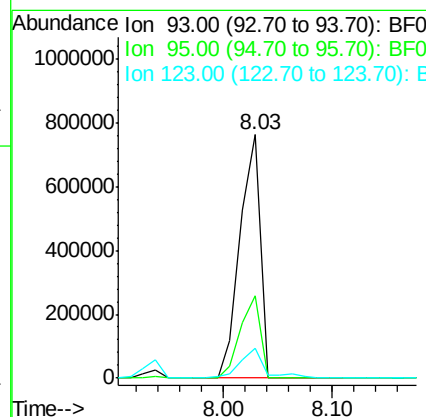
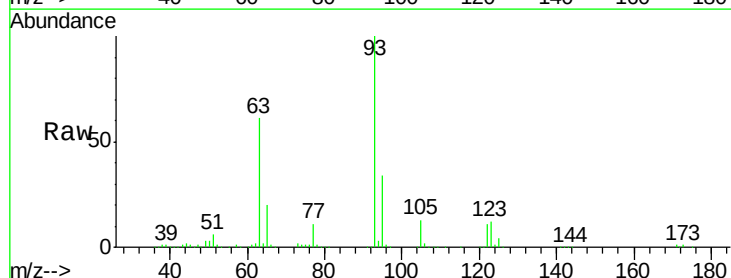
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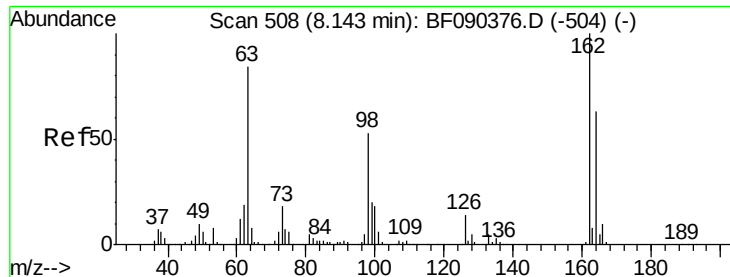
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.38 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	972839		
95	33.6	27.0	40.4	
123	12.4	11.1	16.7	





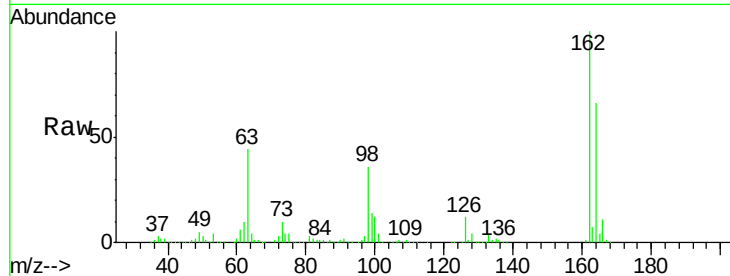
#29
2,4-Dichlorophenol
Concen: 45.92 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	615826		
164	65.5	45.7	85.7	
98	35.8	13.3	53.3	

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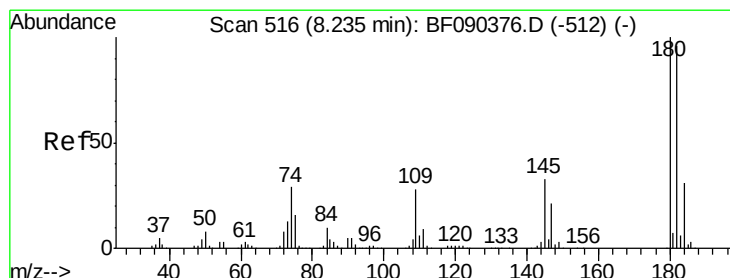
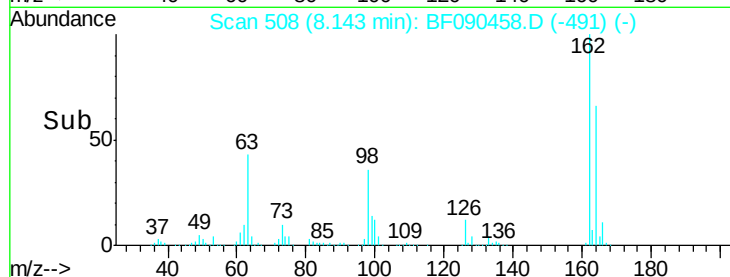
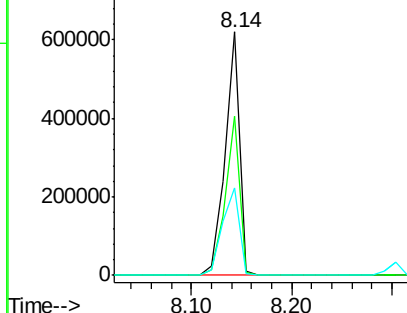


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 46.50 ng
RT: 8.22 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

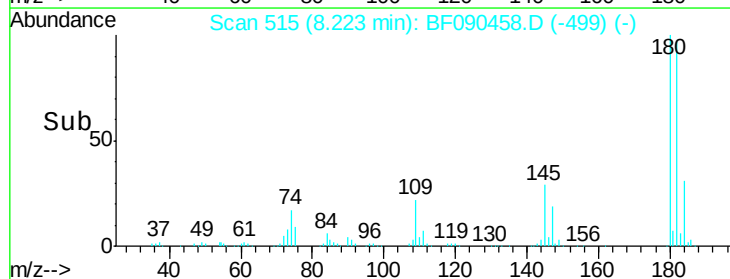
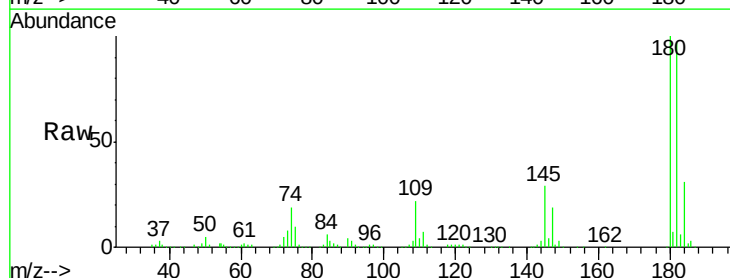
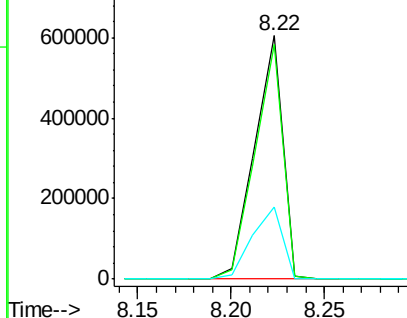
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	642758		
182	96.5	75.3	112.9	
145	29.4	27.7	41.5	

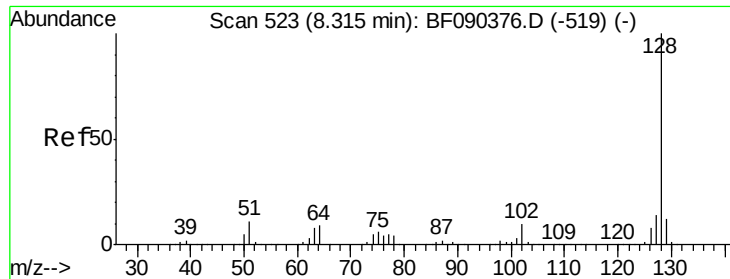
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





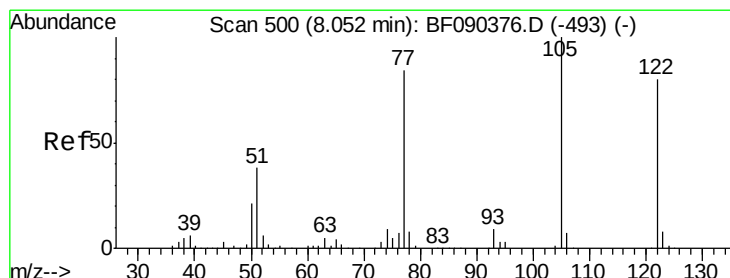
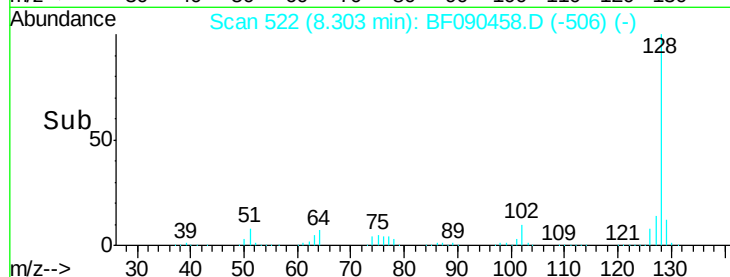
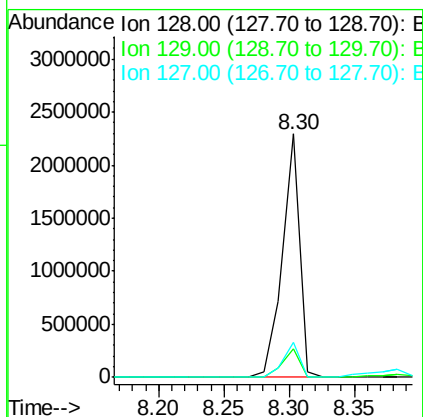
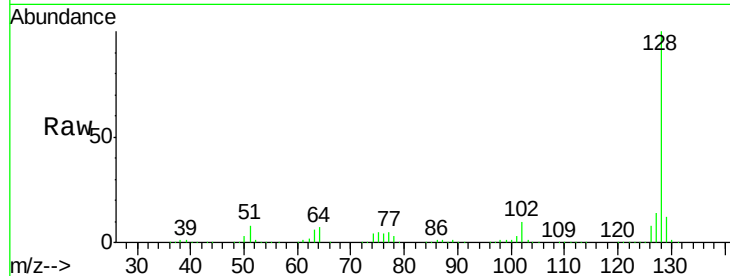
#31
Naphthalene
Concen: 42.88 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion:128 Resp: 2136392
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 14.2 11.7 17.5

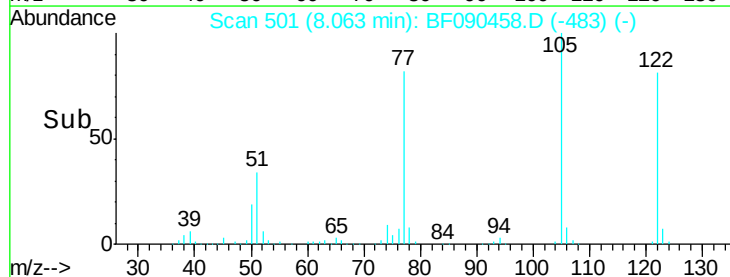
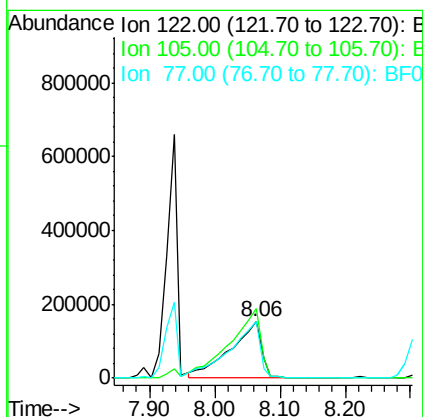
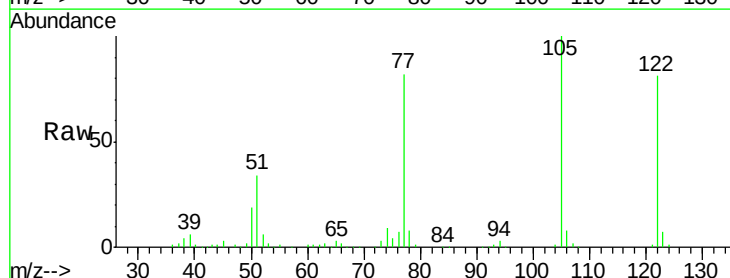
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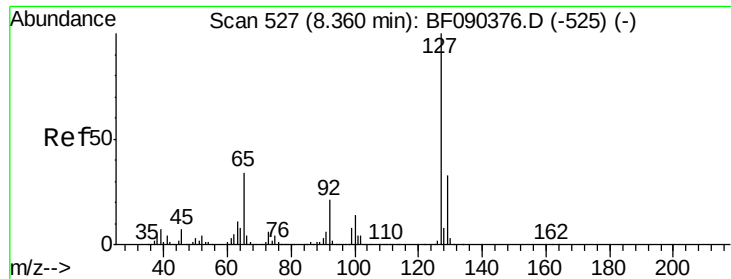
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#32
Benzoic acid
Concen: 41.10 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion:122 Resp: 503986
Ion Ratio Lower Upper
122 100
105 123.6 103.9 143.9
77 101.2 74.6 114.6





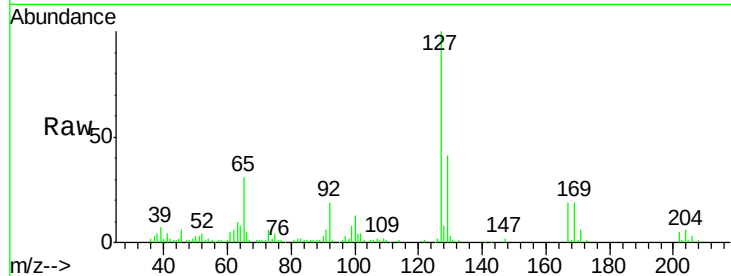
#33
4-Chloroaniline
Concen: 7.59 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.02 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

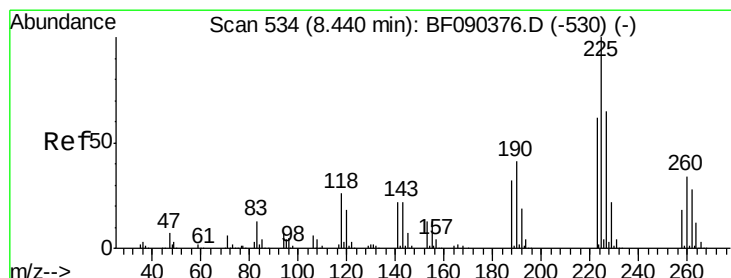
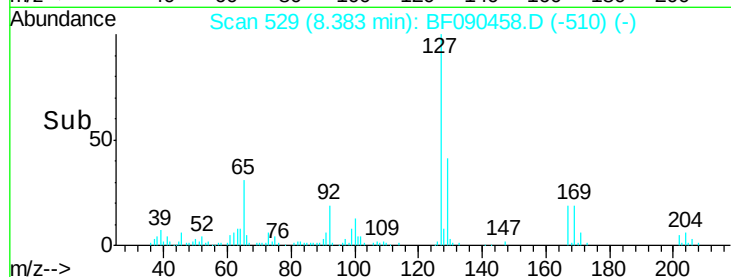
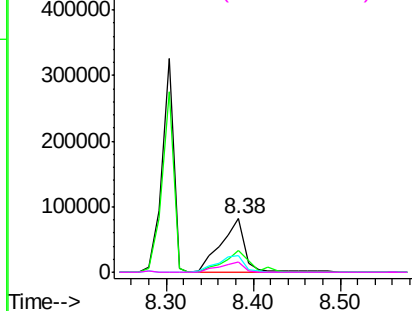
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	156199		
129	40.9	26.2	39.4#	
65	31.4	32.5	48.7#	
92	19.0	17.2	25.8	

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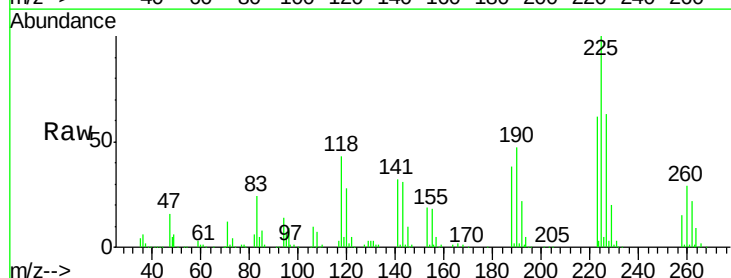


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

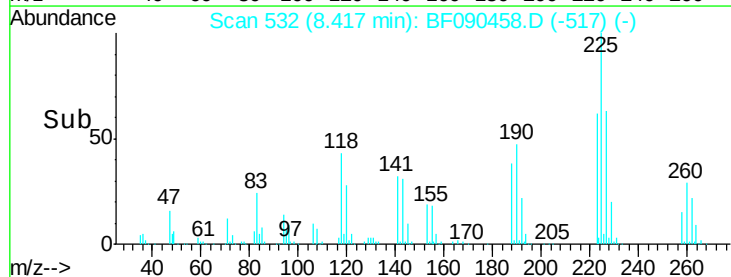
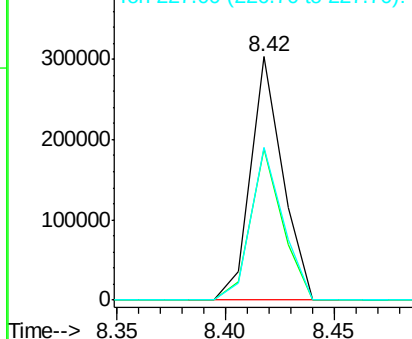


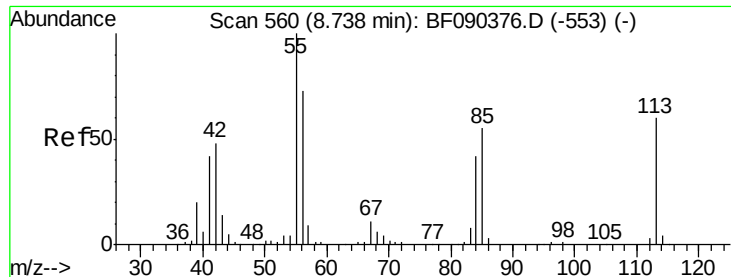
#34
Hexachlorobutadiene
Concen: 40.33 ng
RT: 8.42 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	311430		
223	62.3	51.0	76.4	
227	62.7	50.8	76.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





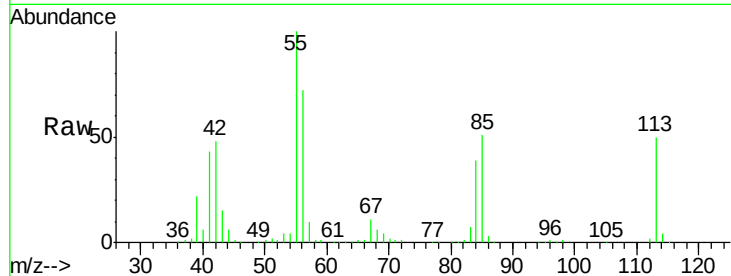
#35
 Caprolactam
 Concen: 39.07 ng
 RT: 8.73 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleID :
 PB93867BS

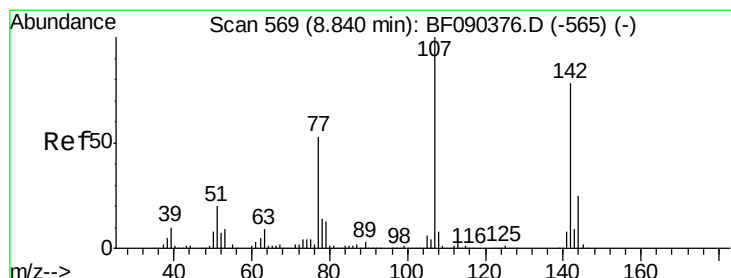
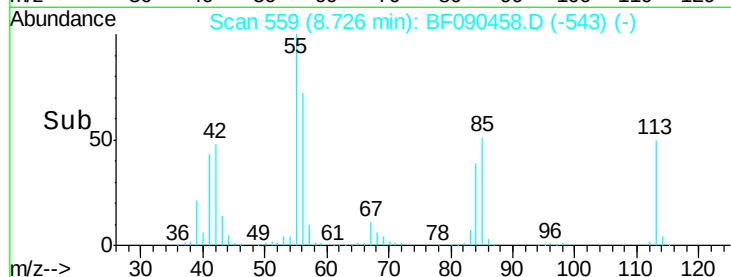
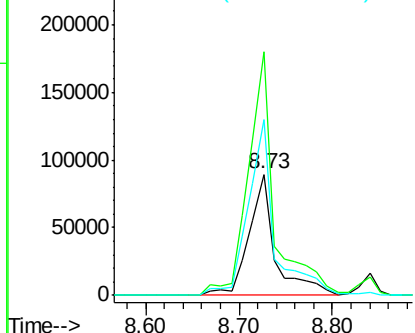
Tgt Ion:113 Resp: 176188
 Ion Ratio Lower Upper
 113 100
 55 200.7 203.3 243.3#
 56 145.1 140.5 180.5

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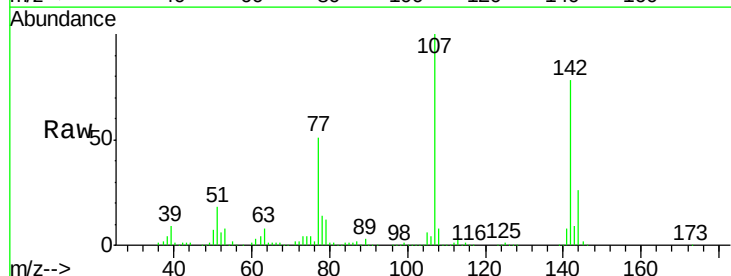


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

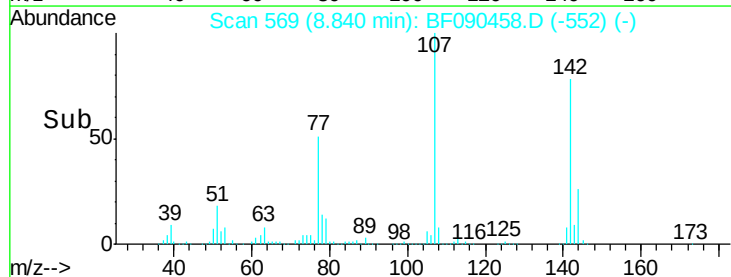
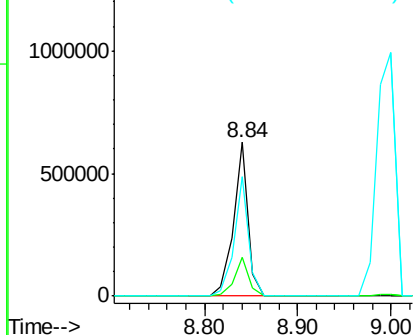


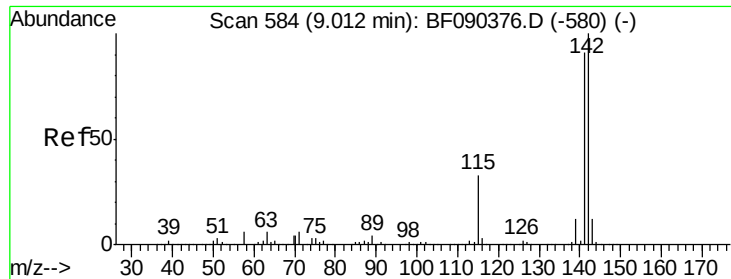
#36
 4-Chloro-3-methylphenol
 Concen: 40.77 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion:107 Resp: 684710
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.8 29.8
 142 77.7 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





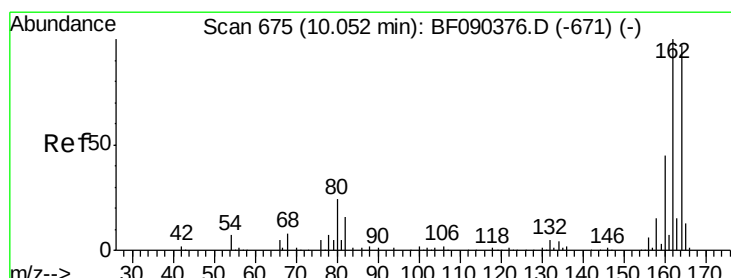
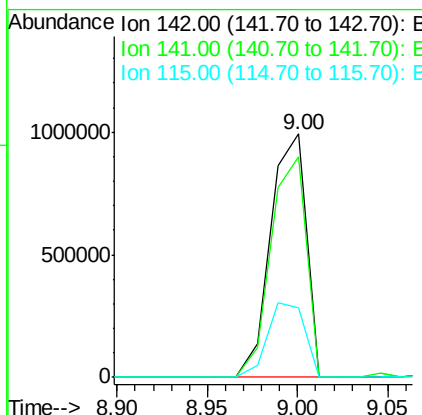
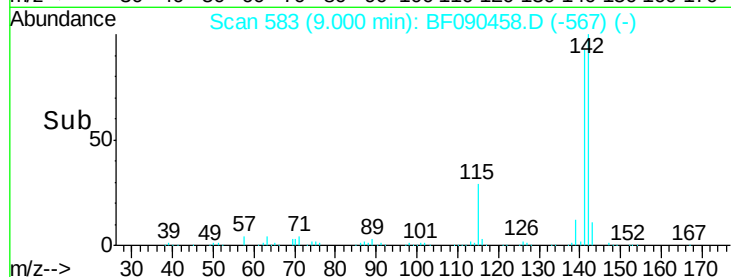
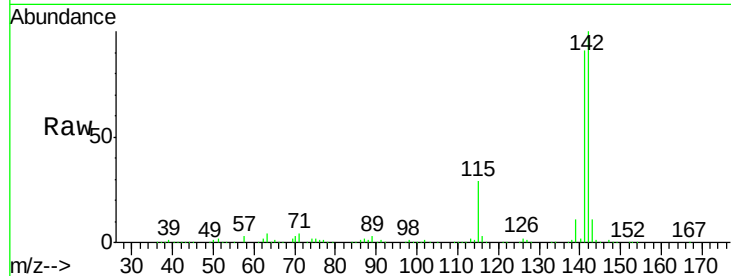
#37
2-Methylnaphthalene
Concen: 45.42 ng m
RT: 9.00 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion:142 Resp: 1369734
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.8
115 28.8 28.8 43.2#

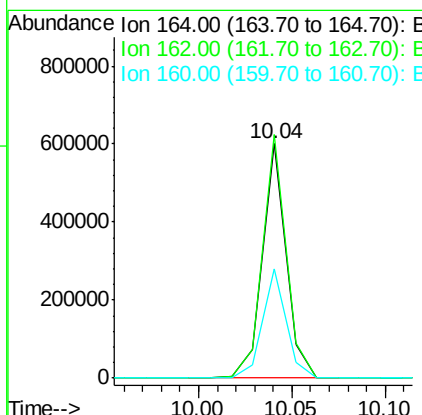
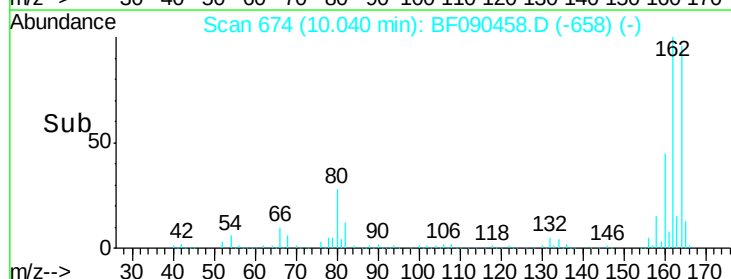
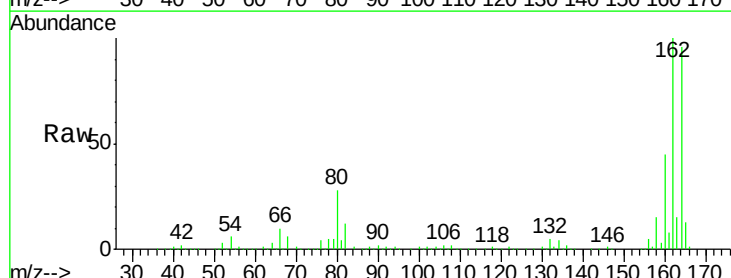
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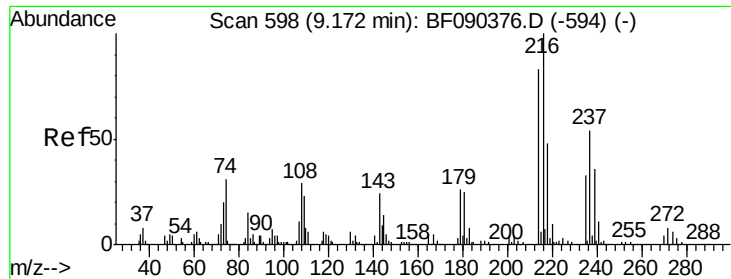
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion:164 Resp: 525627
Ion Ratio Lower Upper
164 100
162 103.9 80.1 120.1
160 46.6 36.3 54.5





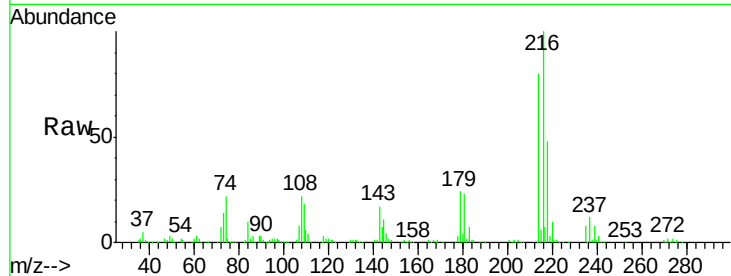
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.73 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleID :
 PB93867BS

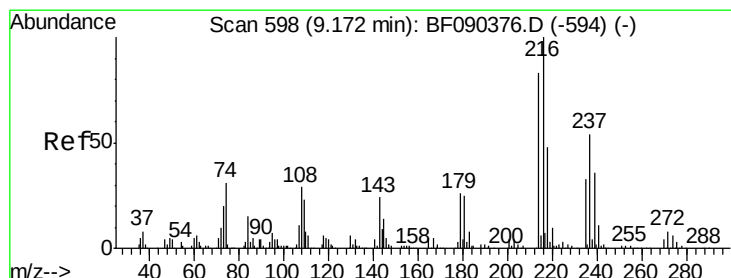
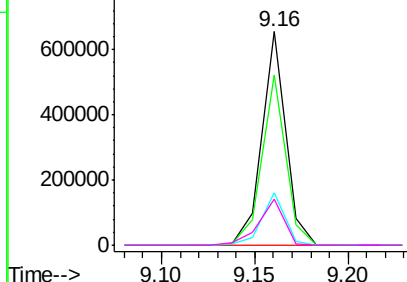
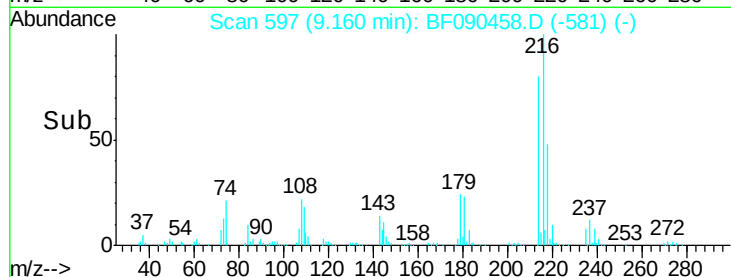
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	578268		
214	79.5	64.2	96.2	
179	23.5	18.0	27.0	
108	23.0	15.2	22.8	

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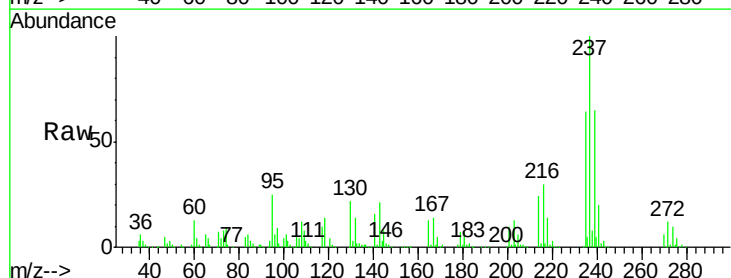


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

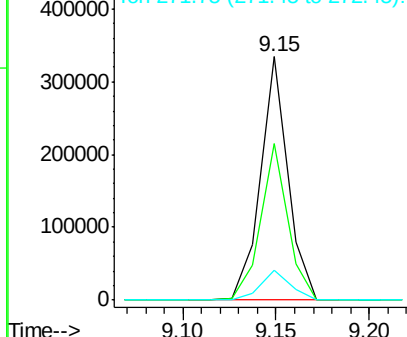
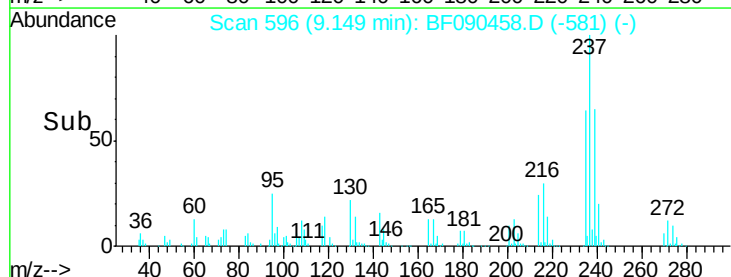


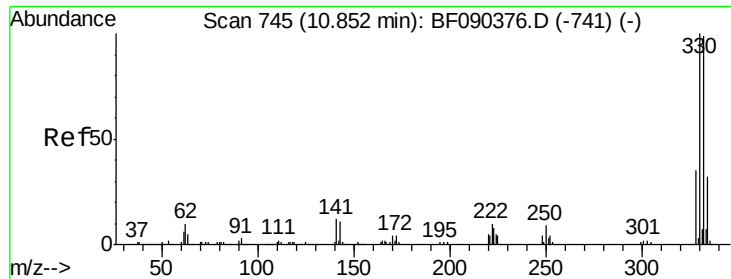
#40
 Hexachlorocyclopentadiene
 Concen: 44.46 ng
 RT: 9.15 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	337752		
235	64.4	43.6	83.6	
272	12.2	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





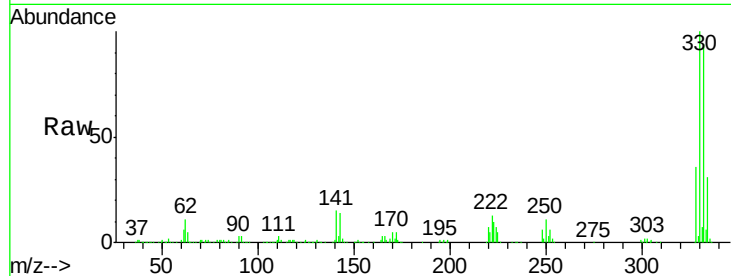
#41
 2,4,6-Tribromophenol
 Concen: 170.88 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampled :
 PB93867BS

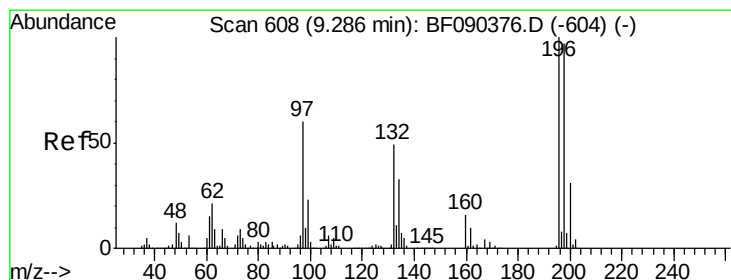
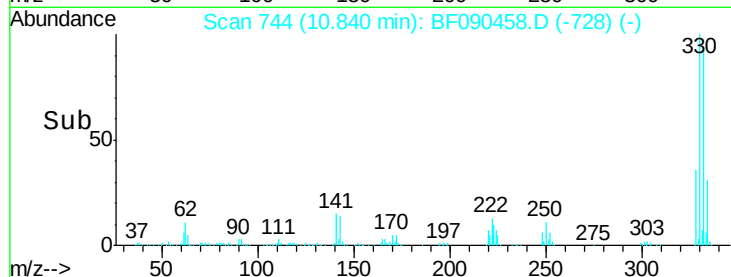
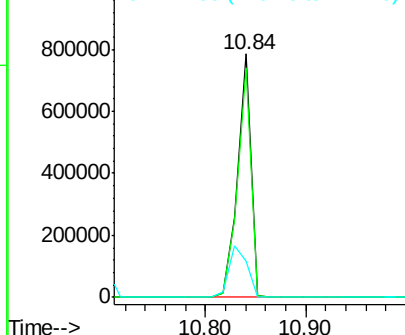
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	730369		
332	94.8	75.4	113.0	
141	28.7	26.9	40.3	

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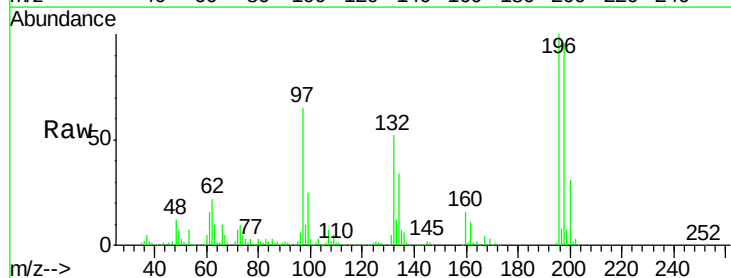


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

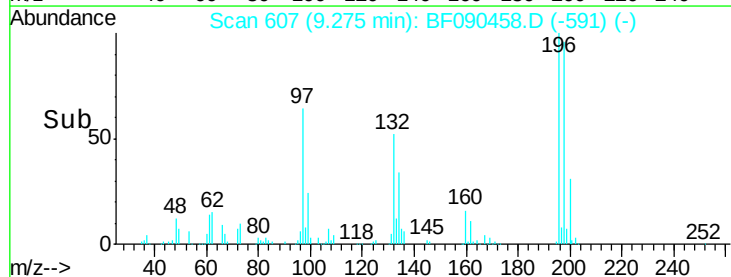
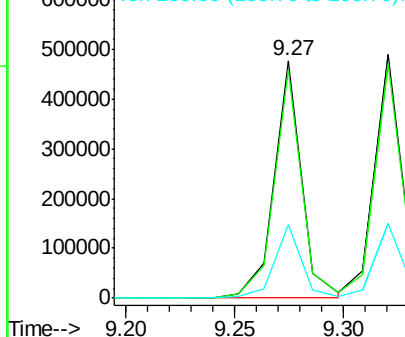


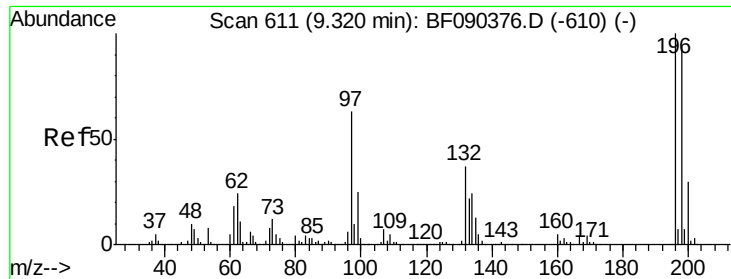
#42
 2,4,6-Trichlorophenol
 Concen: 44.16 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	422260		
198	96.3	78.9	118.3	
200	30.8	25.4	38.2	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





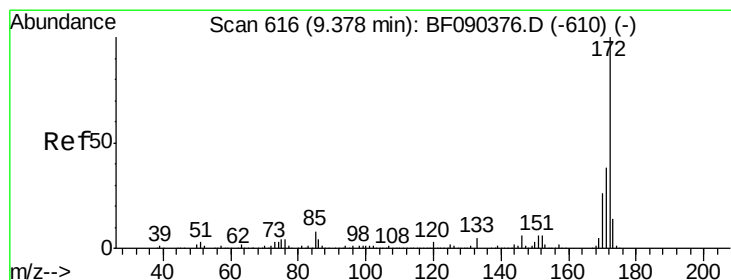
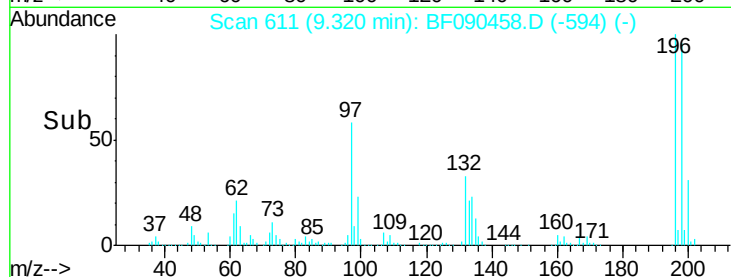
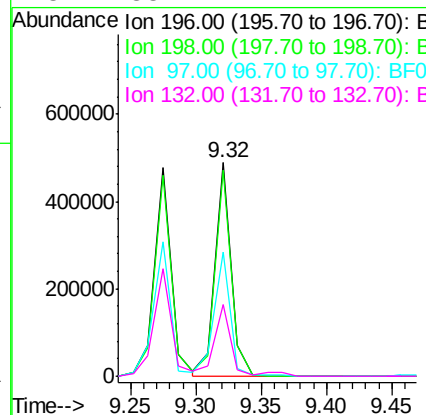
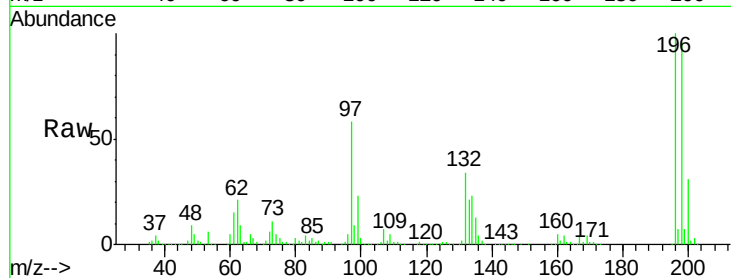
#43
 2,4,5-Trichlorophenol
 Concen: 46.88 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	423931		
198	96.2	78.1	117.1	
97	58.3	48.1	72.1	
132	33.7	27.4	41.2	

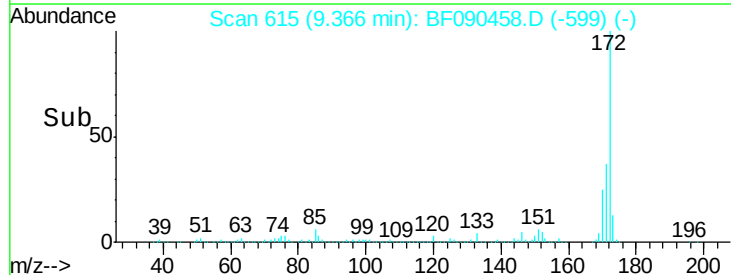
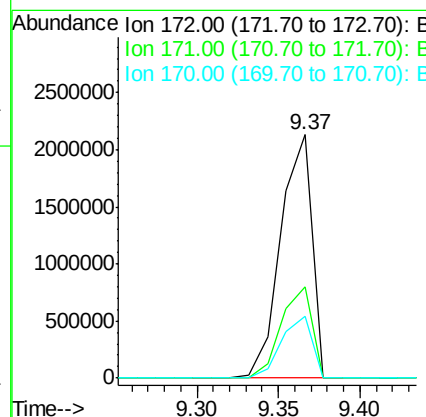
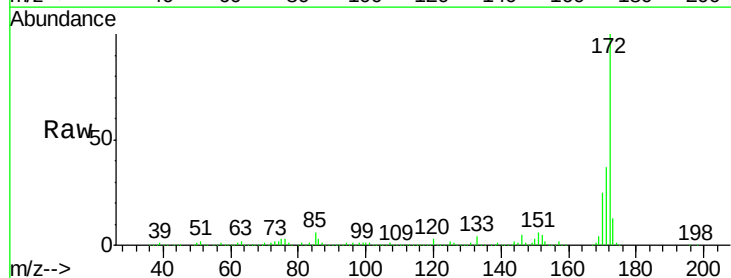
Manual Integrations
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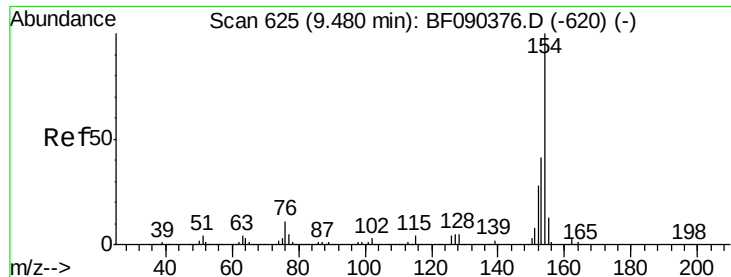
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#44
 2-Fluorobiphenyl
 Concen: 90.54 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2856295		
171	37.3	31.8	47.8	
170	25.4	21.7	32.5	





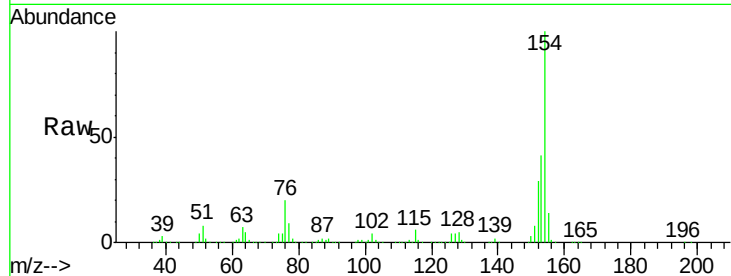
#45
 1,1'-Biphenyl
 Concen: 38.79 ng
 RT: 9.46 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

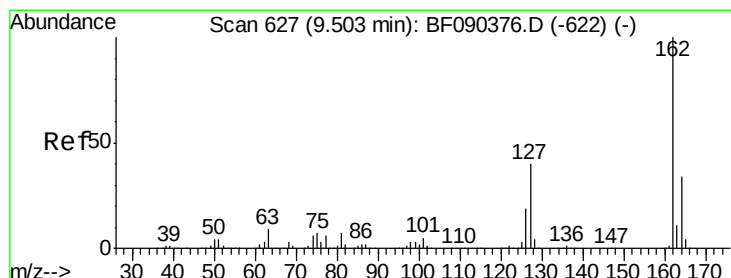
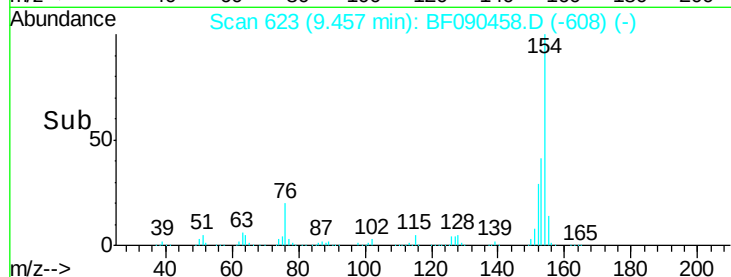
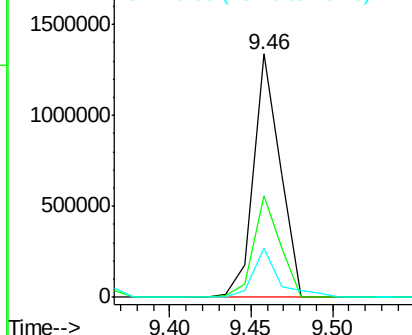
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	23.8	63.8
76	20.4	0.0	35.8

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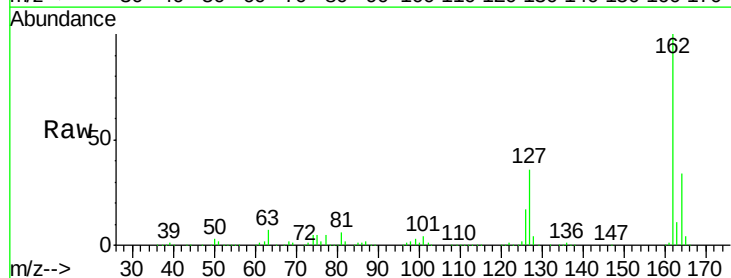


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

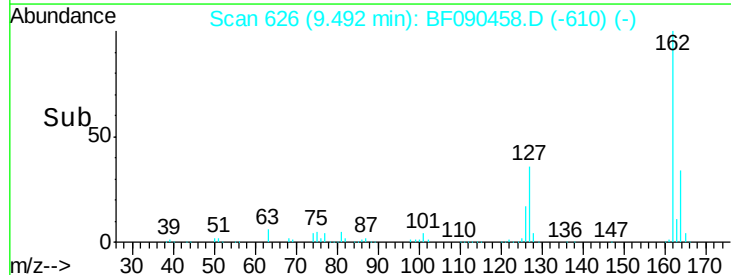
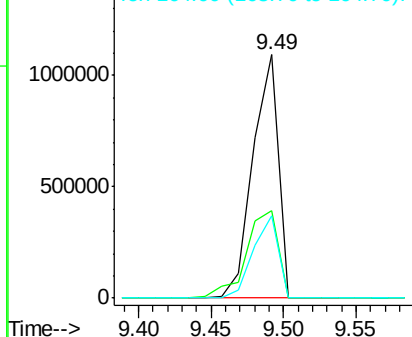


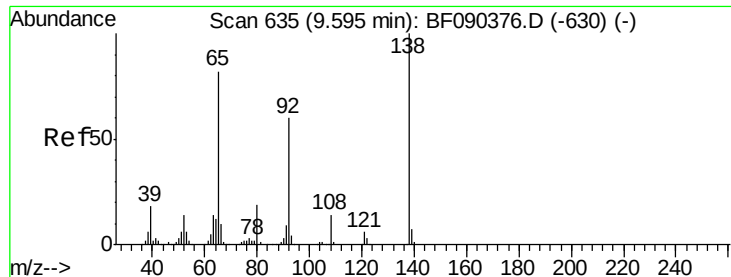
#46
 2-Chloronaphthalene
 Concen: 46.24 ng
 RT: 9.49 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	35.6	53.4
164	34.0	27.5	41.3



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





#47

2-Nitroaniline

Concen: 45.62 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

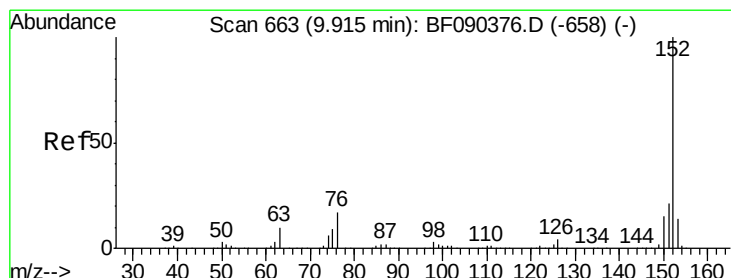
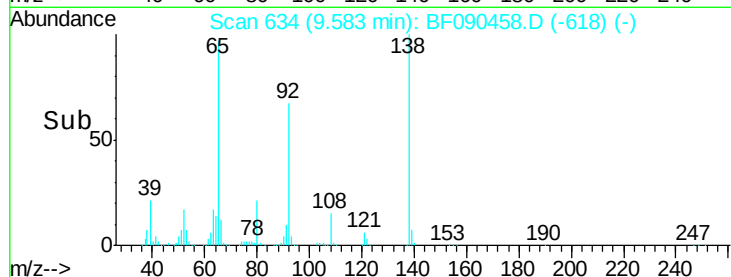
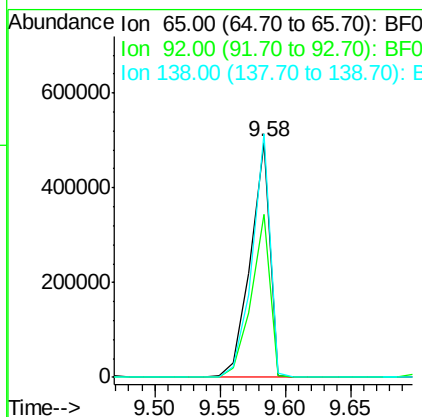
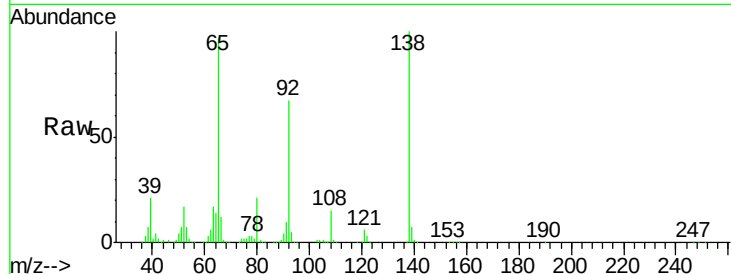
ClientSampleId :

PB93867BS

Tgt Ion:	65	Resp:	518026
Ion Ratio	Lower	Upper	
65	100		
92	69.4	51.7	77.5
138	103.5	79.0	118.4

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#48

Acenaphthylene

Concen: 39.28 ng

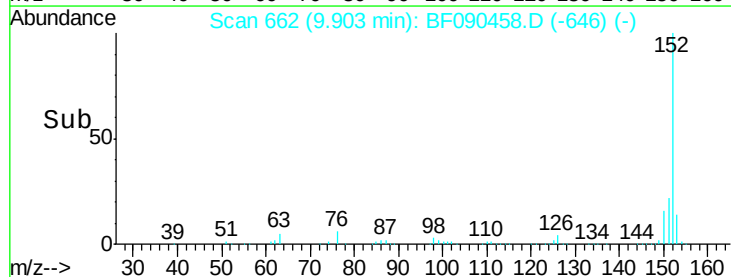
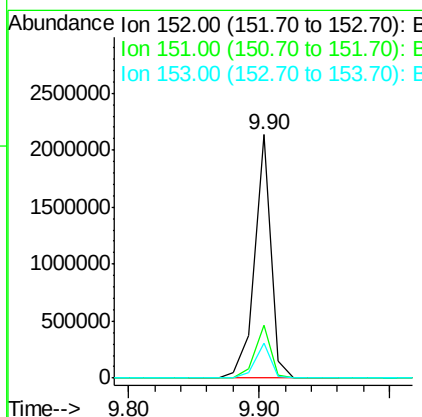
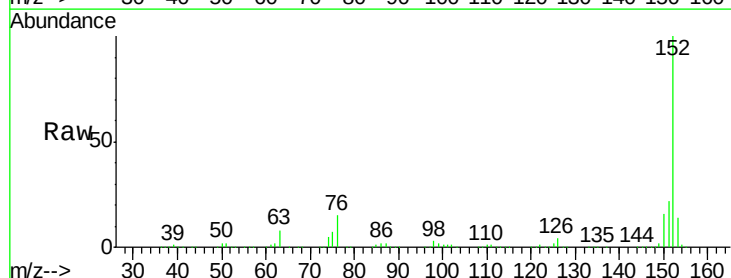
RT: 9.90 min Scan# 662

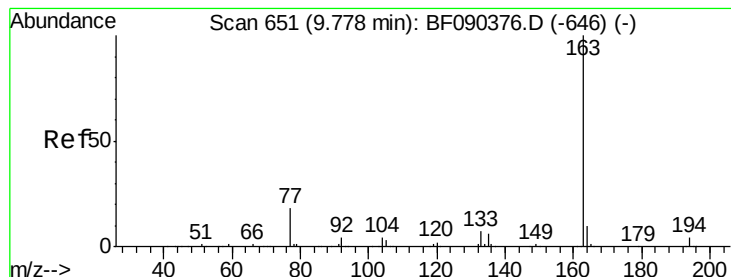
Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion:	152	Resp:	1864943
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.4	26.0
153	14.5	11.6	17.4





#49

Dimethylphthalate

Concen: 47.97 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

PB93867BS

Tgt Ion:163 Resp: 1614746

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

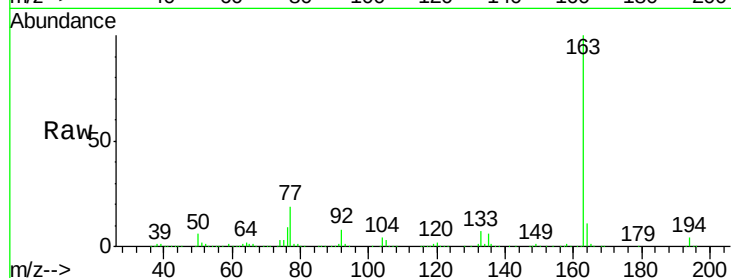
164 10.6 9.0 13.4

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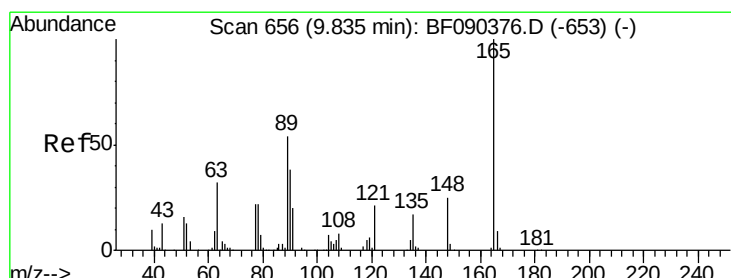
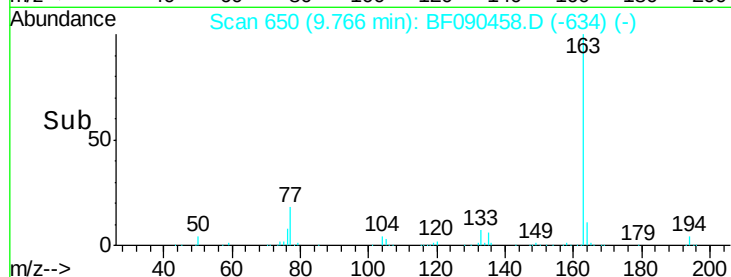
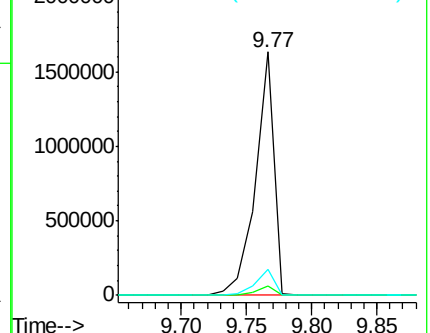
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.46 ng

RT: 9.82 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

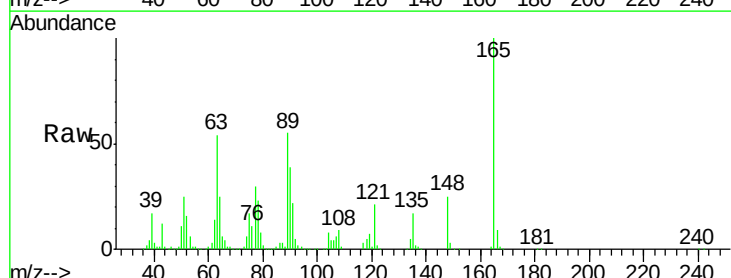
Tgt Ion:165 Resp: 354730

Ion Ratio Lower Upper

165 100

63 54.1 58.0 87.0#

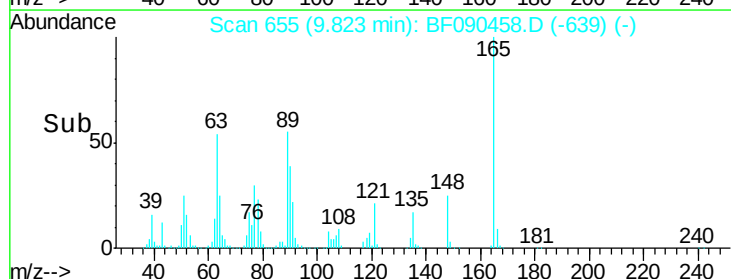
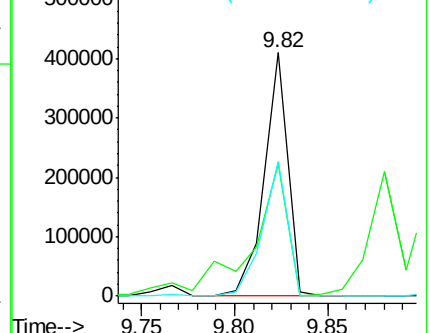
89 55.2 51.2 76.8

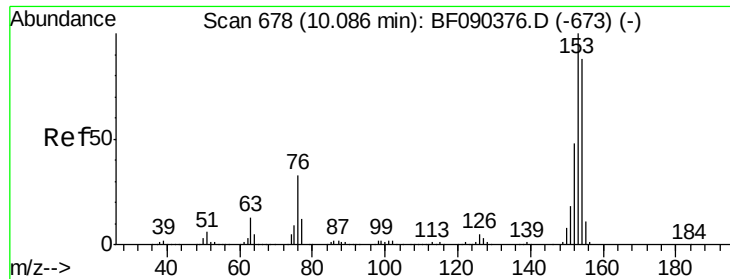


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.79 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampled :

PB93867BS

Tgt Ion:154 Resp: 1266849

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

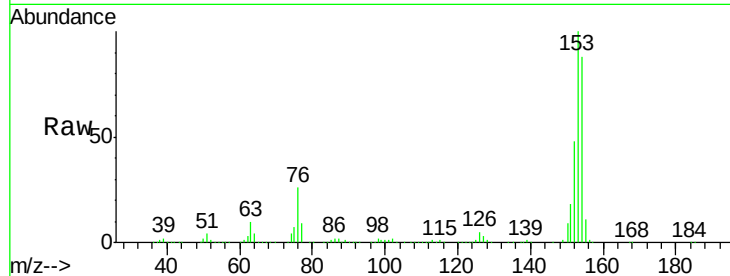
152 55.1 42.6 64.0

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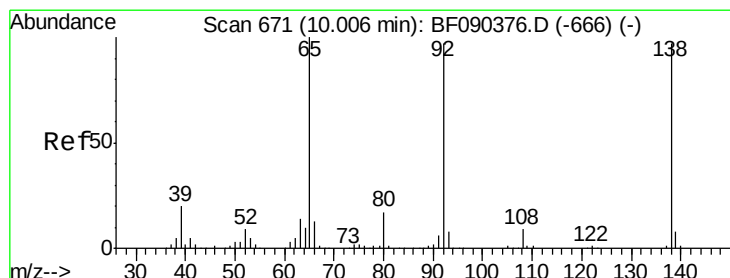
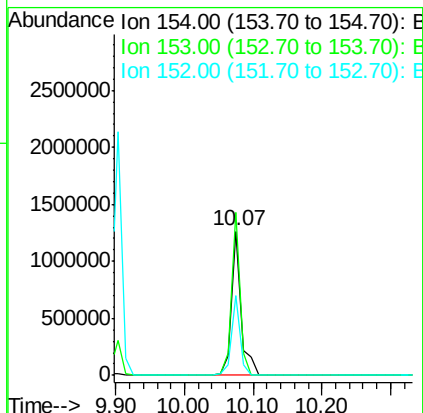
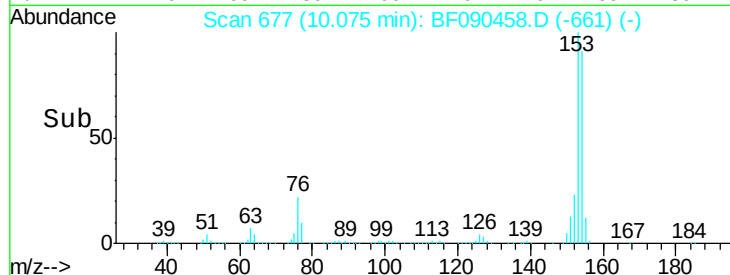
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.47 ng

RT: 9.98 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

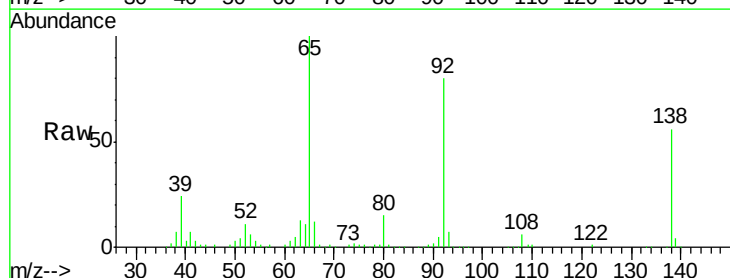
Tgt Ion:138 Resp: 126350

Ion Ratio Lower Upper

138 100

108 11.6 9.7 14.5

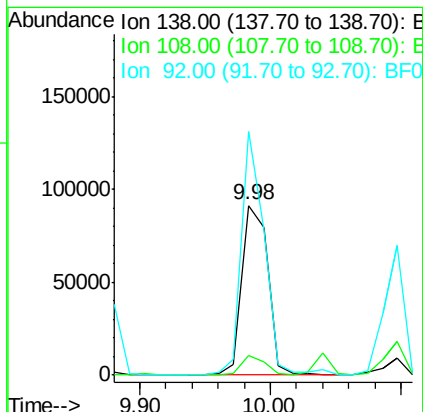
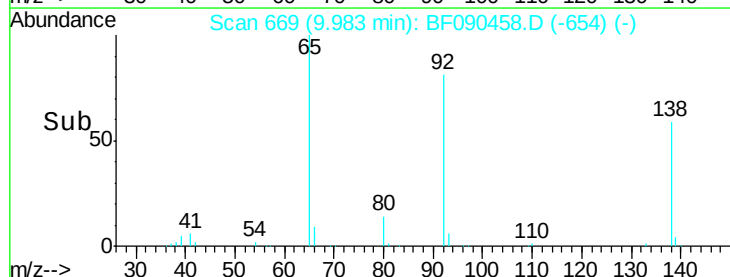
92 143.6 97.1 145.7

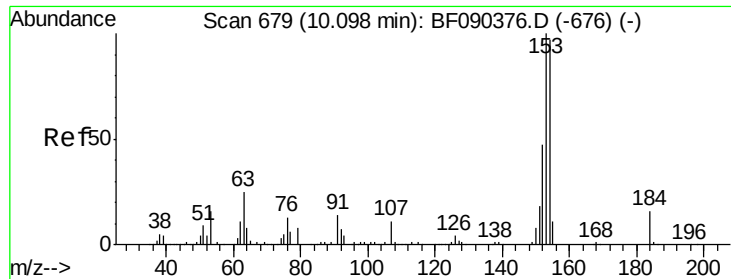


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





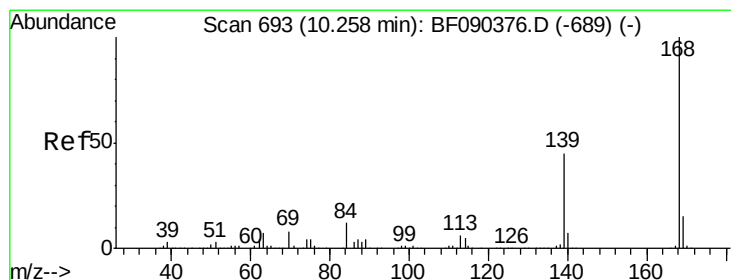
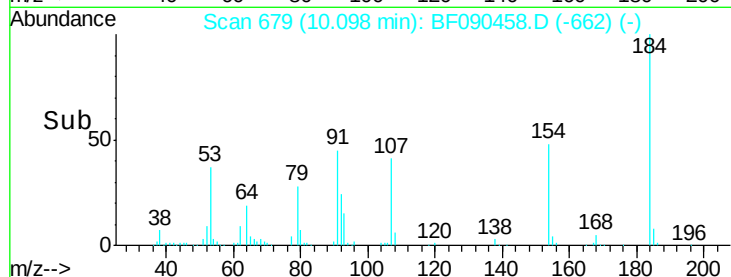
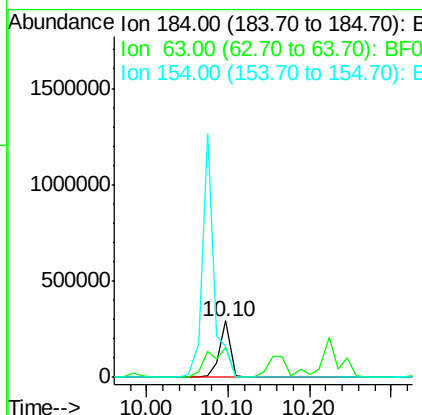
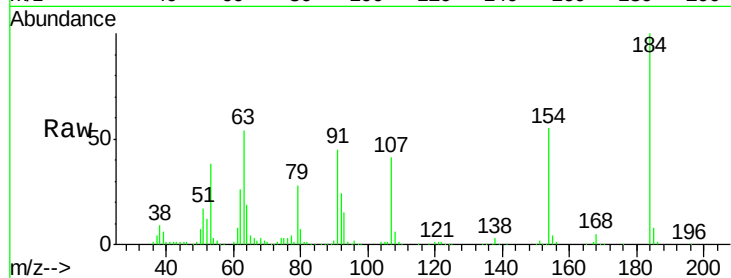
#53
2,4-Dinitrophenol
Concen: 79.02 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	263308		
63	53.9	41.9	62.9	
154	54.8	48.9	73.3	

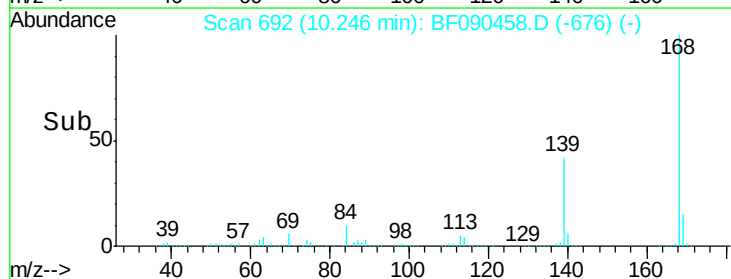
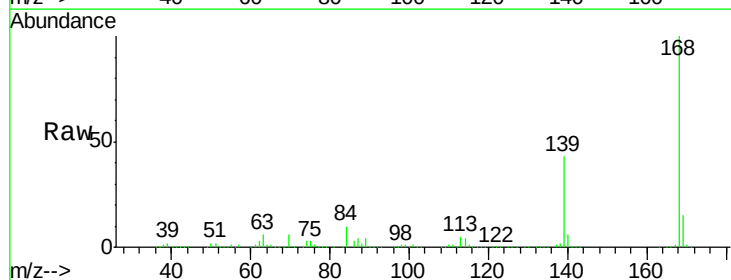
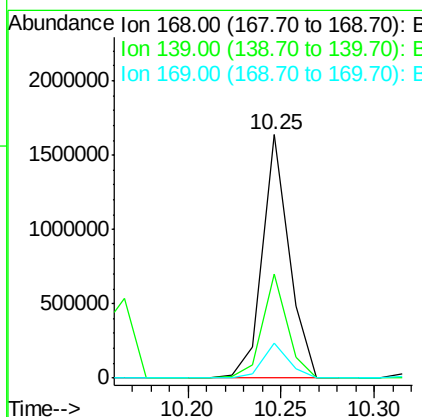
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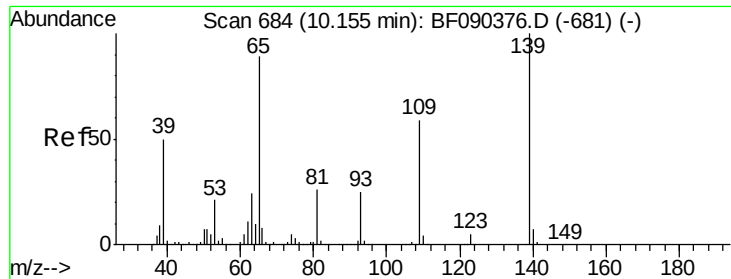
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#54
Dibenzofuran
Concen: 42.07 ng
RT: 10.25 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1612143		
139	42.6	29.6	44.4	
169	14.6	11.3	16.9	





#55

4-Nitrophenol

Concen: 88.27 ng

RT: 10.17 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

PB93867BS

Tgt Ion:139 Resp: 674287
Ion Ratio Lower Upper

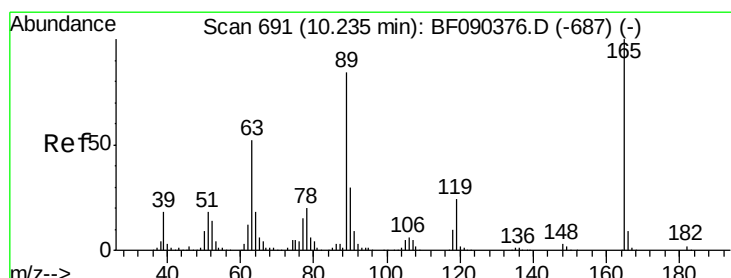
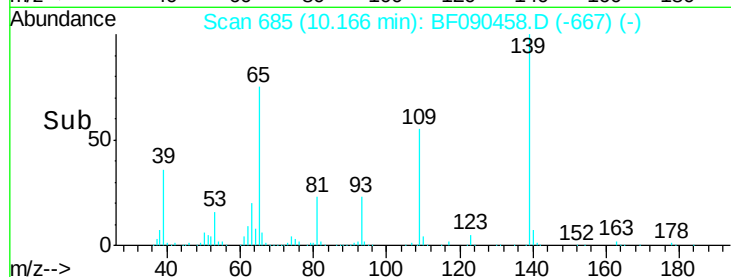
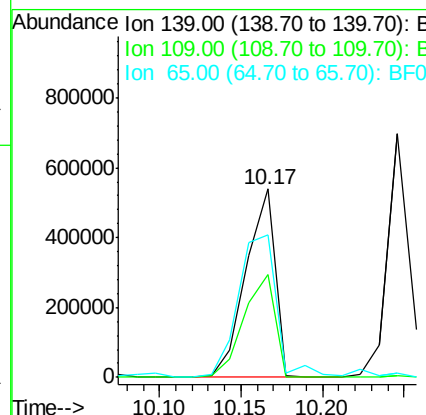
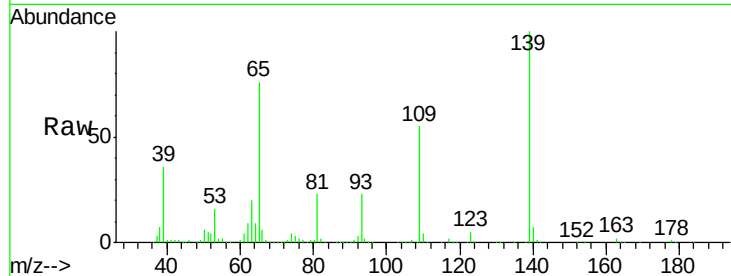
139 100

109 54.6 43.6 83.6

65 75.7 87.5 127.5#

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#56

2,4-Dinitrotoluene

Concen: 41.00 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

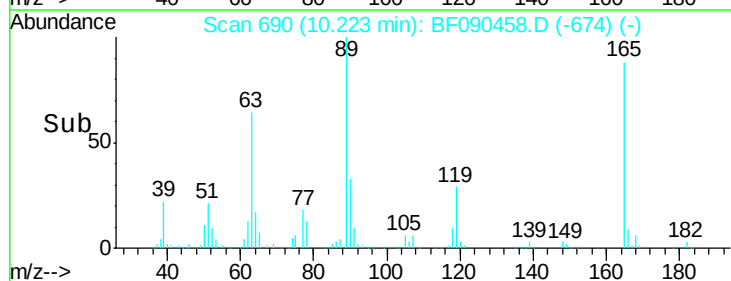
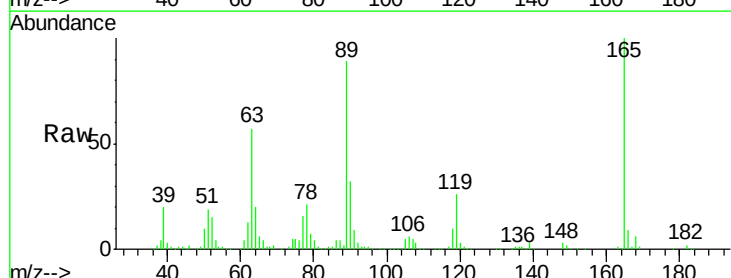
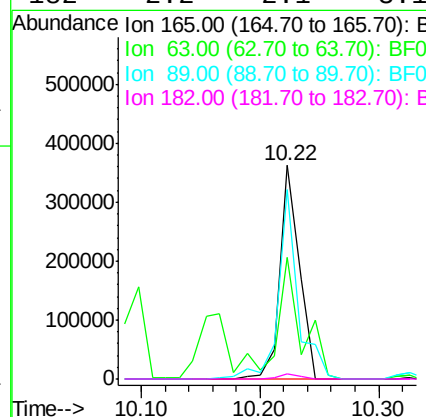
Tgt Ion:165 Resp: 407817
Ion Ratio Lower Upper

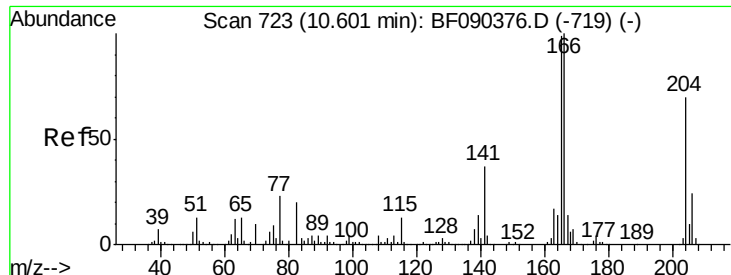
165 100

63 56.8 17.8 26.6#

89 88.6 33.2 49.8#

182 2.2 2.1 3.1





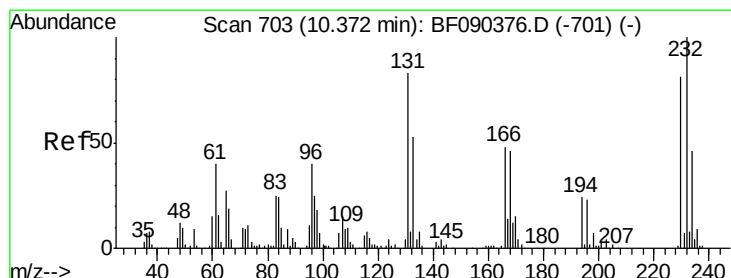
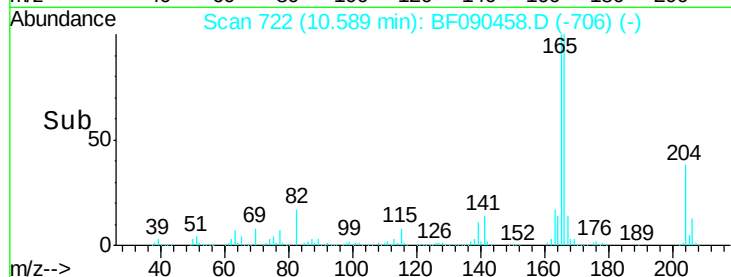
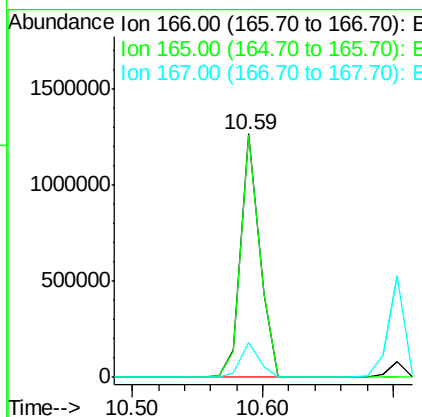
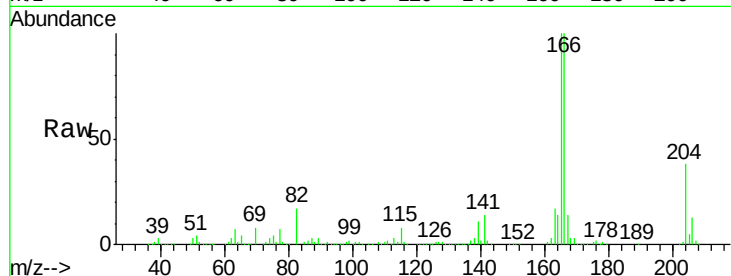
#57
Fluorene
 Concen: 39.59 ng
 RT: 10.59 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.2	118.8
167	14.3	11.1	16.7

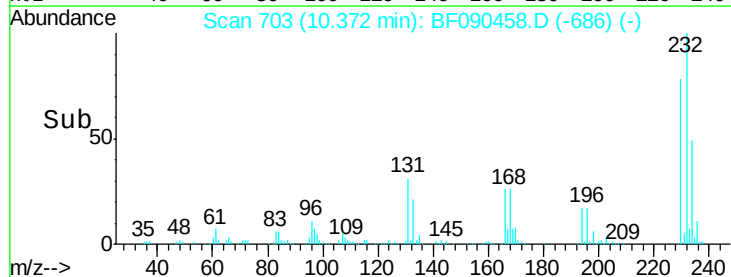
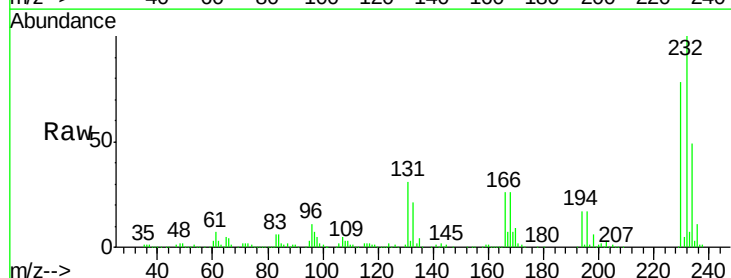
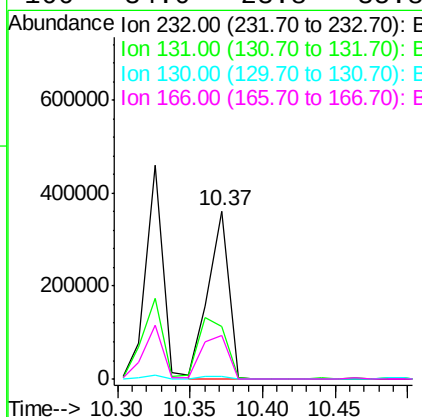
Manual Integrations
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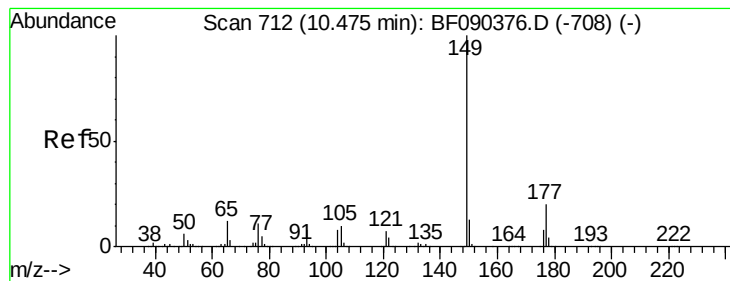
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.29 ng
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.5	34.5	51.7
130	2.2	1.6	2.4
166	34.0	23.8	35.8





#59

Diethylphthalate

Concen: 41.63 ng

RT: 10.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

PB93867BS

Tgt Ion:149 Resp: 1449859

Ion Ratio Lower Upper

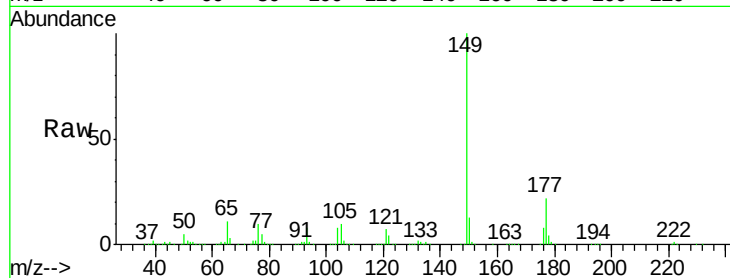
149 100

177 22.0 21.1 31.7

150 13.2 10.2 15.2

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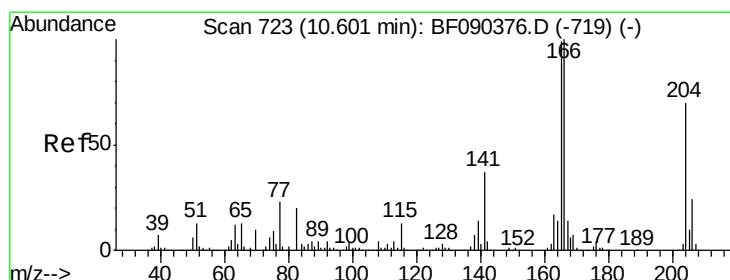
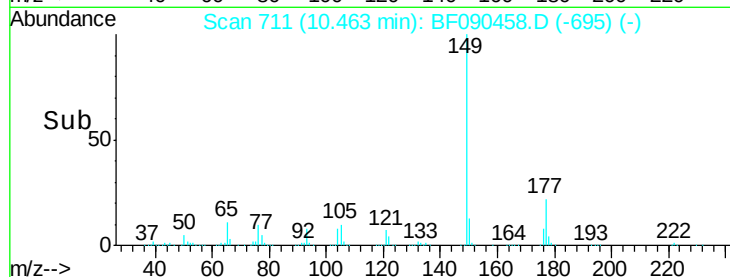
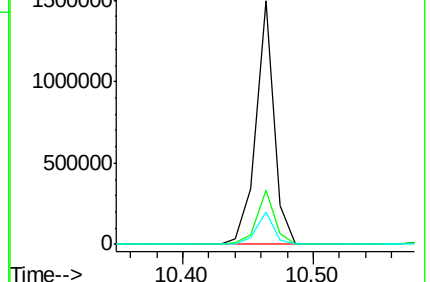
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.36 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

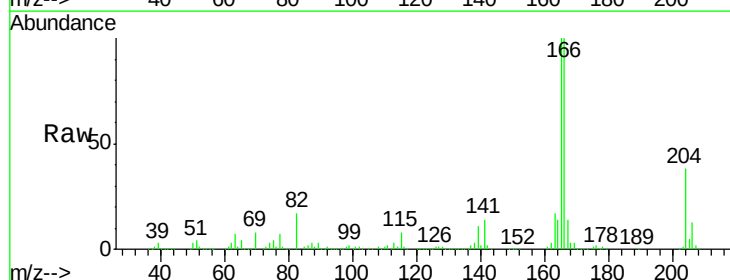
Tgt Ion:204 Resp: 649571

Ion Ratio Lower Upper

204 100

206 34.0 26.7 40.1

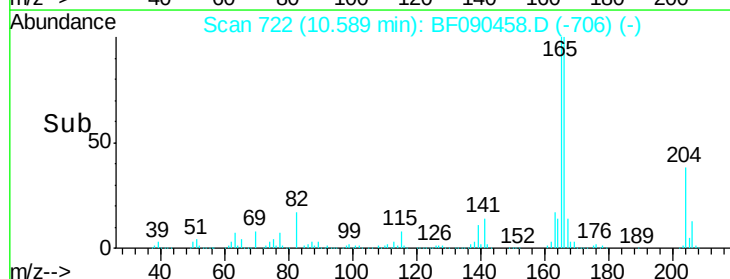
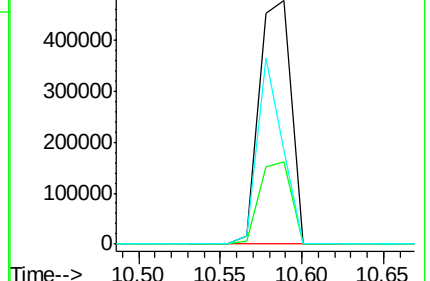
141 38.4 51.7 77.5#

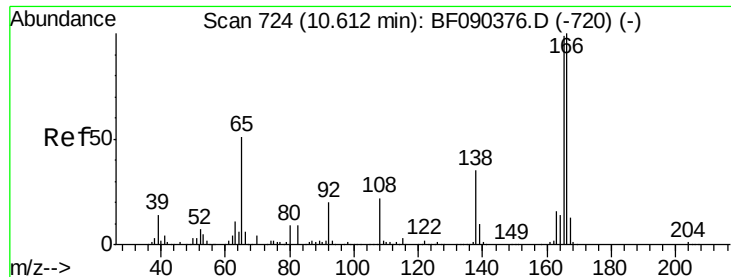


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.28 ng

RT: 10.61 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

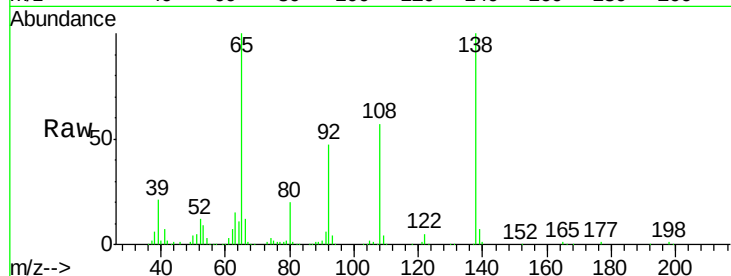
ClientSampleId :

PB93867BS

Tgt Ion:	138	Resp:	292774
Ion Ratio	Lower	Upper	
138	100		
92	47.3	33.2	73.2
108	56.8	48.5	88.5

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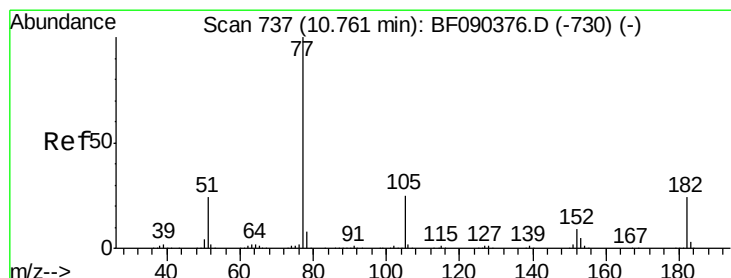
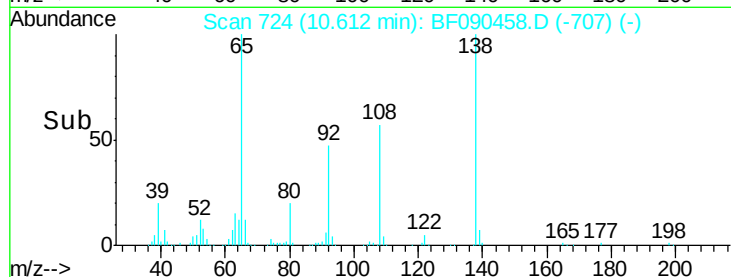
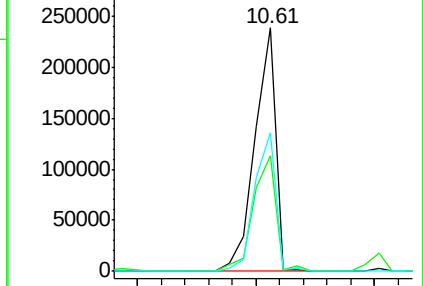
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.56 ng

RT: 10.74 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

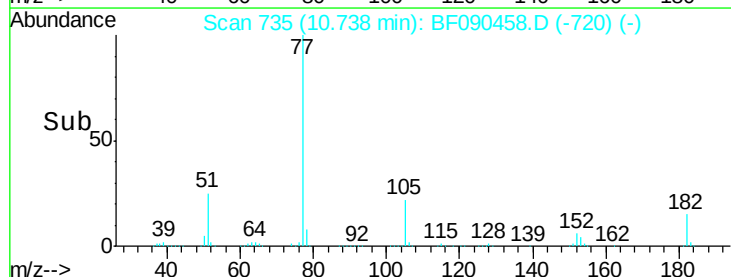
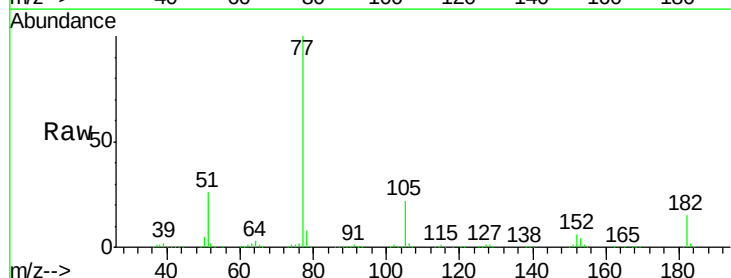
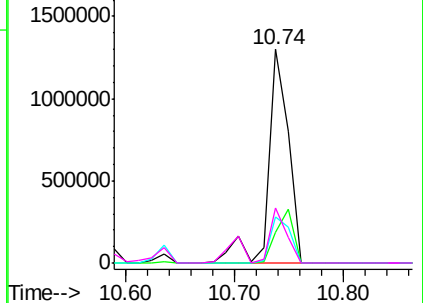
Tgt Ion:	77	Resp:	1672072
Ion Ratio	Lower	Upper	
77	100		
182	14.6	3.2	43.2
105	21.7	2.9	42.9
51	25.8	14.2	54.2

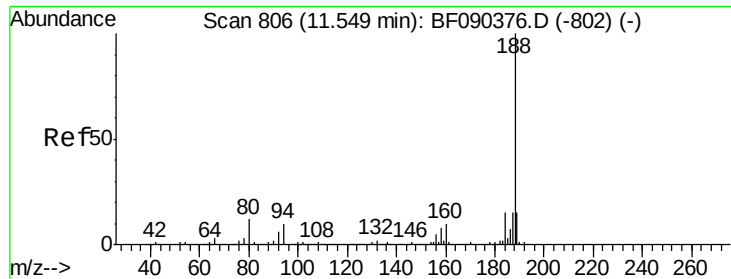
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

ClientSampleId :

PB93867BS

Tgt Ion:188 Resp: 793155
Ion Ratio Lower Upper

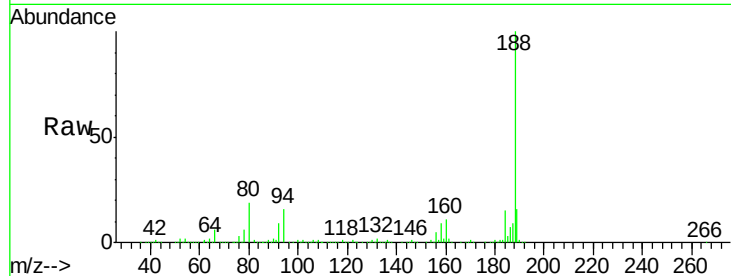
188 100

94 16.3 8.2 12.2#

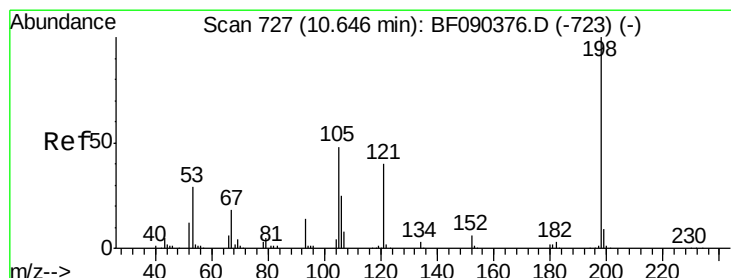
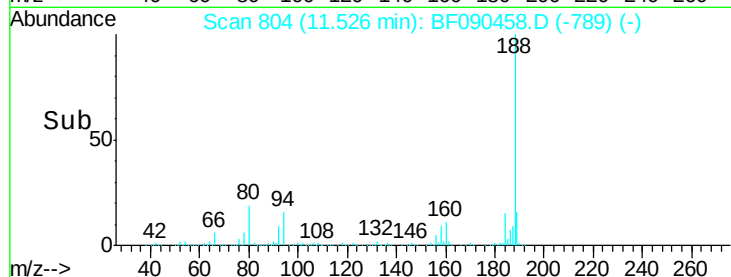
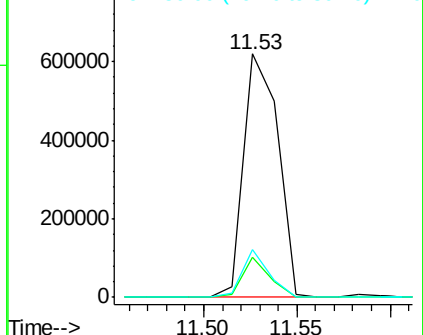
80 19.5 8.8 13.2#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.19 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090458.D

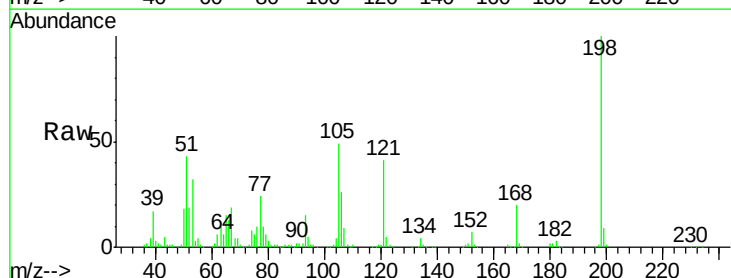
Acq: 7 Oct 2016 21:57

Tgt Ion:198 Resp: 173600
Ion Ratio Lower Upper

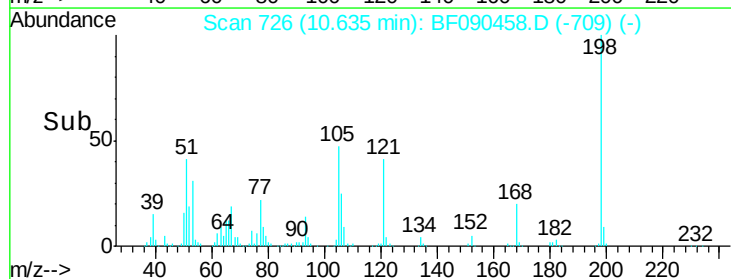
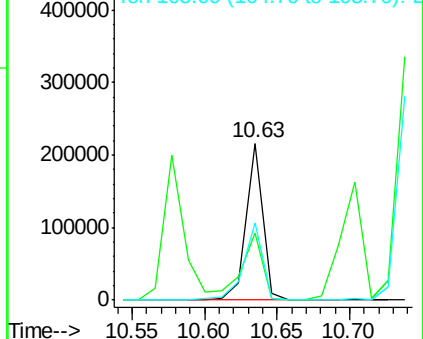
198 100

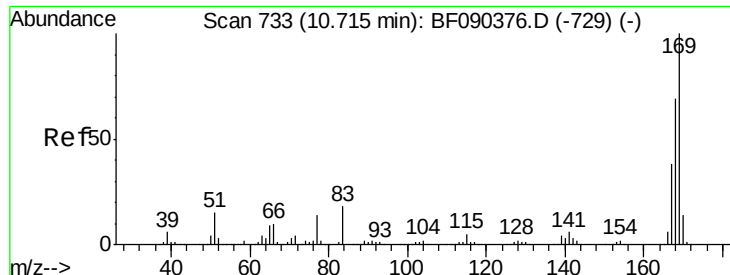
51 42.5 67.3 107.3#

105 49.5 42.6 82.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





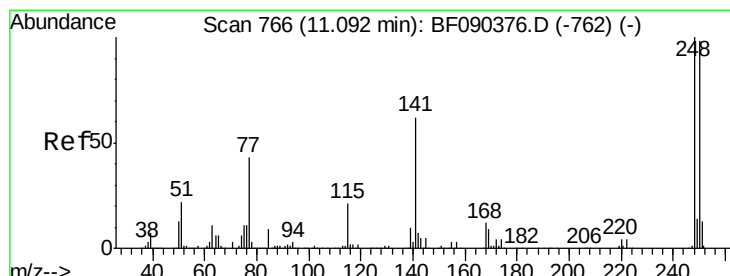
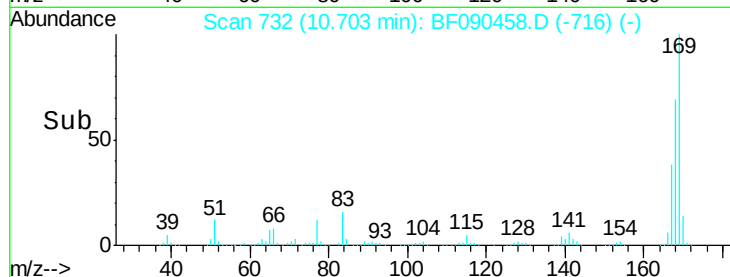
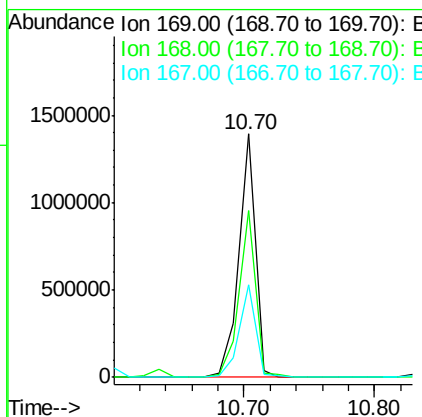
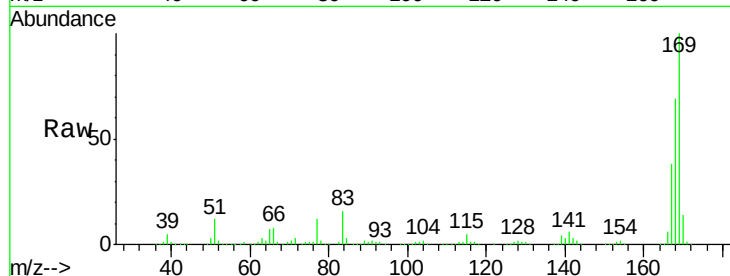
#65
n-Nitrosodiphenylamine
Concen: 45.76 ng
RT: 10.70 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.8	80.6
167	38.1	29.8	44.8

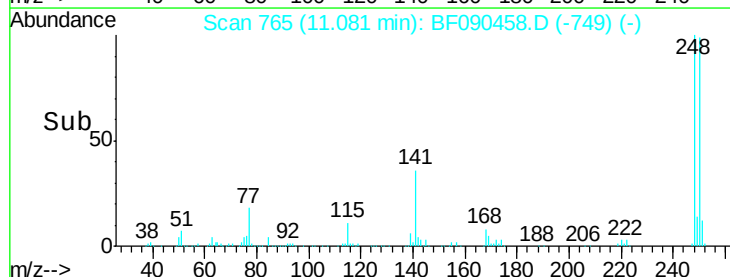
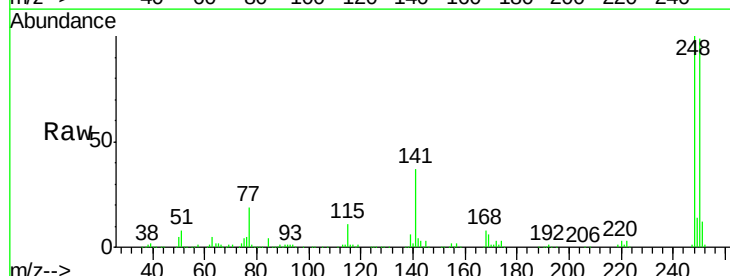
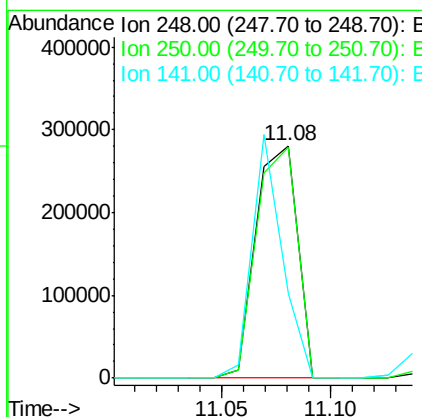
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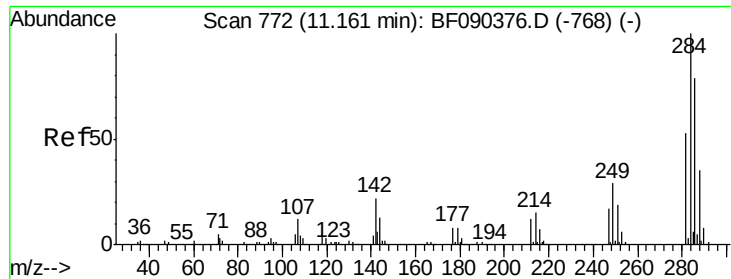
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#66
4-Bromophenyl-phenylether
Concen: 48.18 ng
RT: 11.08 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.5	114.7
141	36.6	59.8	89.6





#67

Hexachlorobenzene

Concen: 46.24 ng

RT: 11.14 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

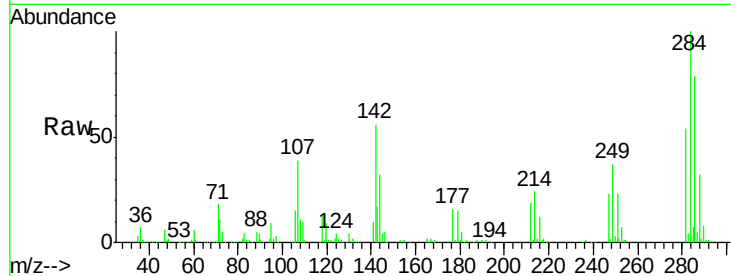
ClientSampleId :

PB93867BS

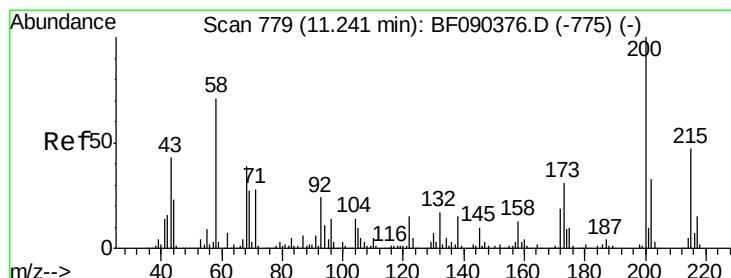
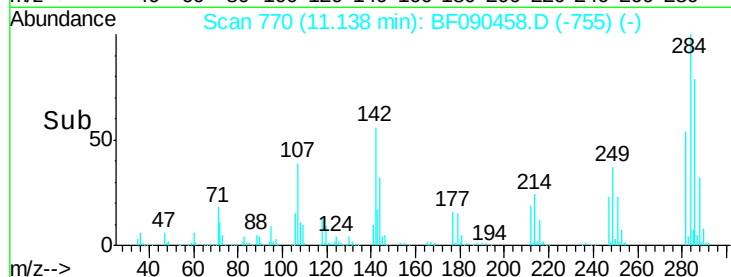
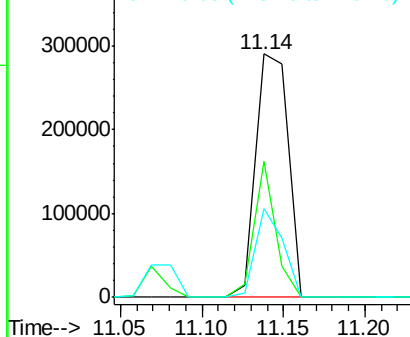
Tgt Ion:	284	Resp:	400355
Ion Ratio		Lower	Upper
284	100		
142	55.7	23.1	34.7#
249	36.7	26.3	39.5

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



#68

Atrazine

Concen: 44.83 ng

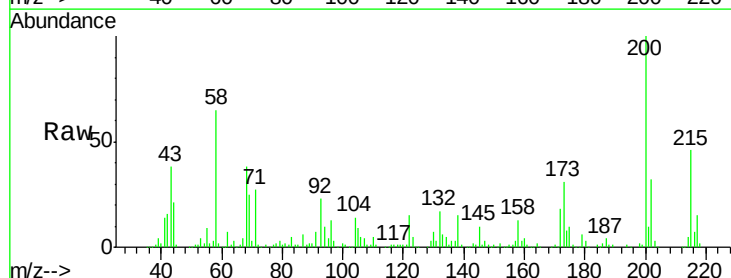
RT: 11.23 min Scan# 778

Delta R.T. -0.01 min

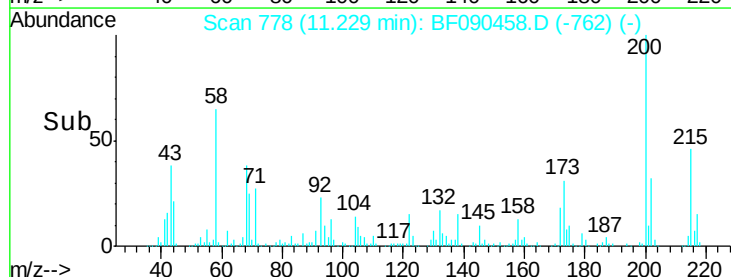
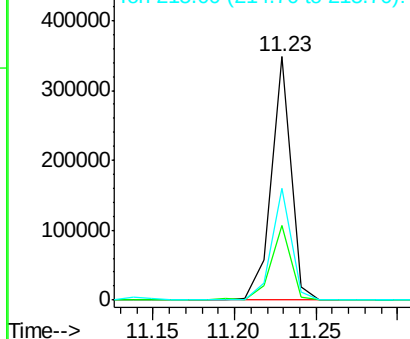
Lab File: BF090458.D

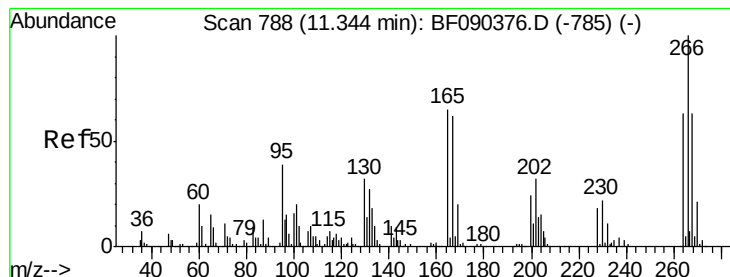
Acq: 7 Oct 2016 21:57

Tgt Ion:	200	Resp:	293803
Ion Ratio		Lower	Upper
200	100		
173	30.6	9.0	49.0
215	46.1	24.8	64.8



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





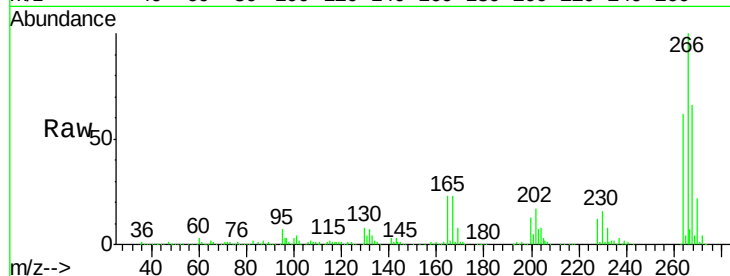
#69
 Pentachlorophenol
 Concen: 95.34 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

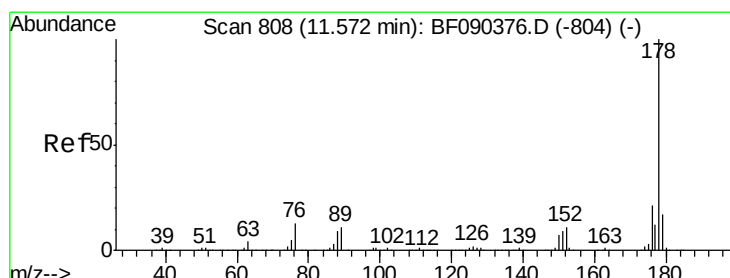
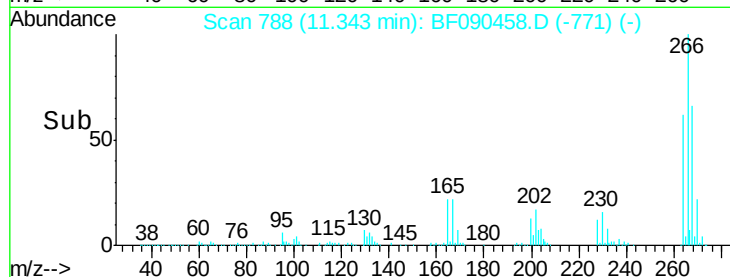
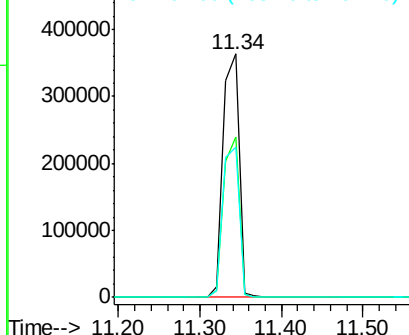
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	491378		
268	65.7	50.9	76.3	
264	61.8	51.5	77.3	

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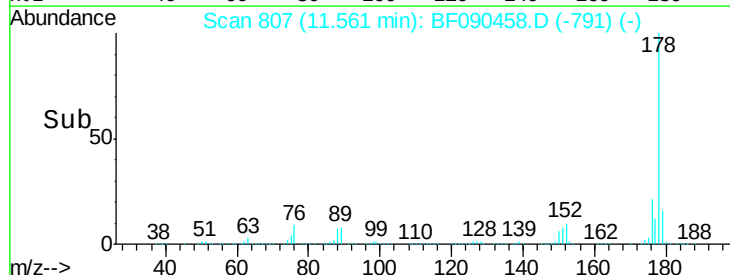
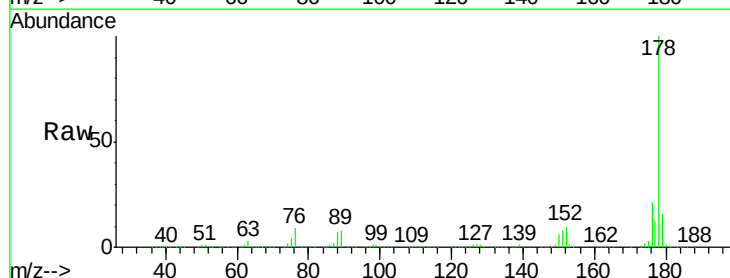
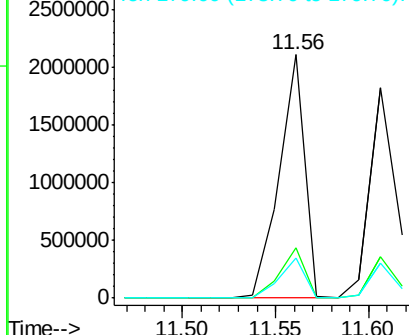
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

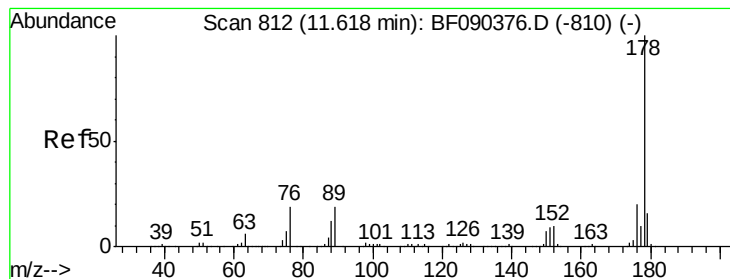


#70
 Phenanthrene
 Concen: 49.50 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2010402		
176	20.8	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





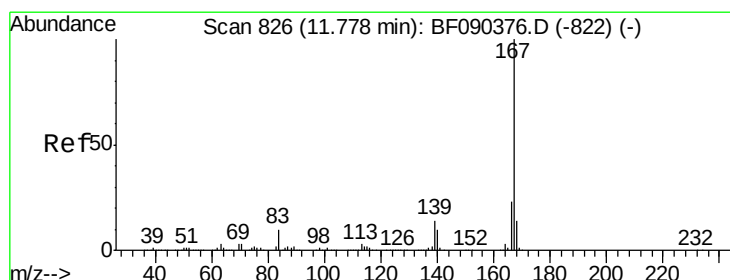
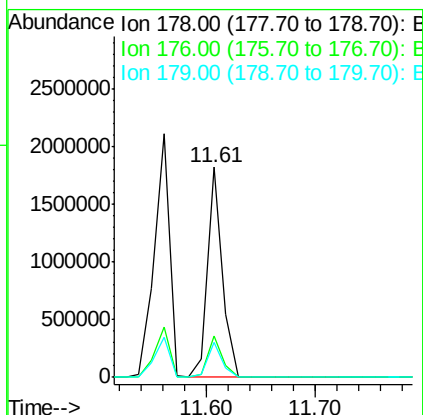
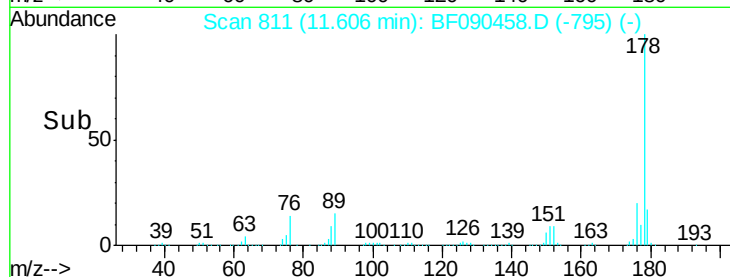
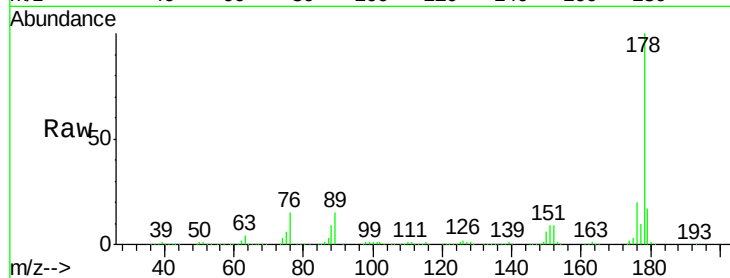
#71
 Anthracene
 Concen: 41.75 ng
 RT: 11.61 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampled :
 PB93867BS

Tgt Ion:178 Resp: 1731774
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 16.7 13.4 20.2

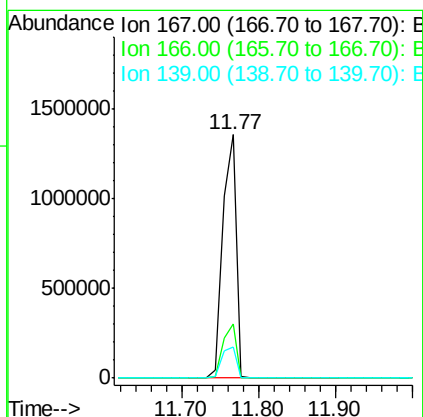
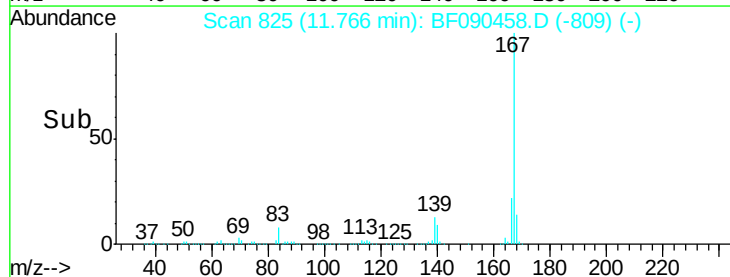
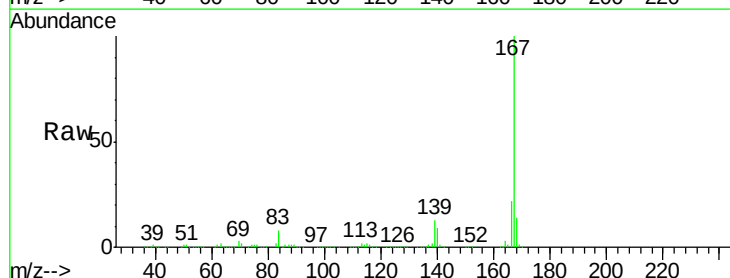
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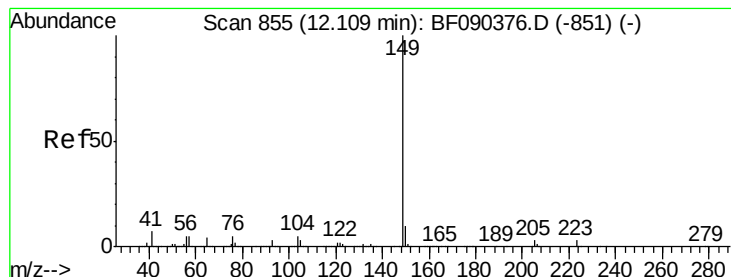
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#72
 Carbazole
 Concen: 43.44 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion:167 Resp: 1673780
 Ion Ratio Lower Upper
 167 100
 166 22.5 19.1 28.7
 139 12.6 12.1 18.1





#73

Di-n-butylphthalate

Concen: 47.12 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

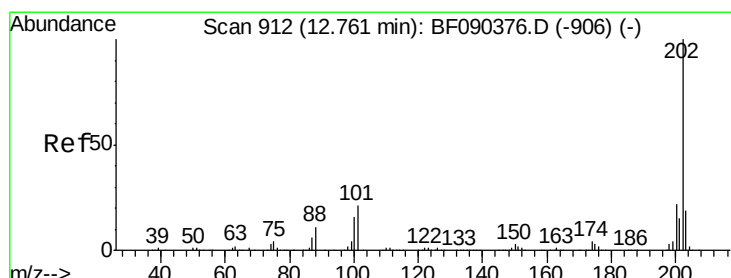
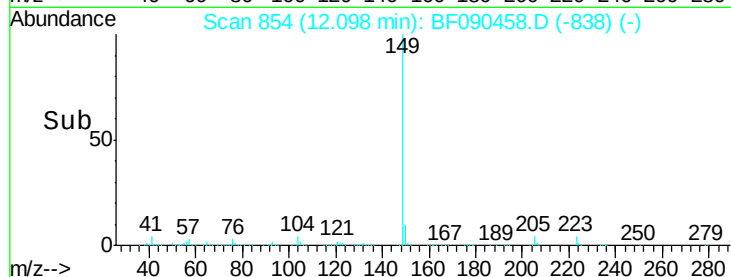
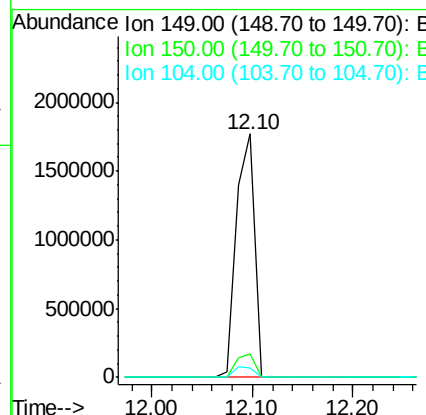
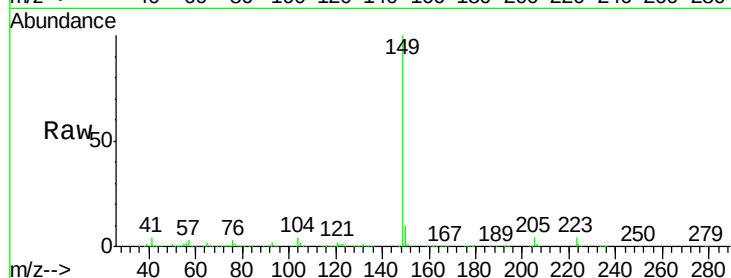
ClientSampleId :

PB93867BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.6	12.8
104	3.8	4.7	7.1#

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#74

Fluoranthene

Concen: 41.51 ng

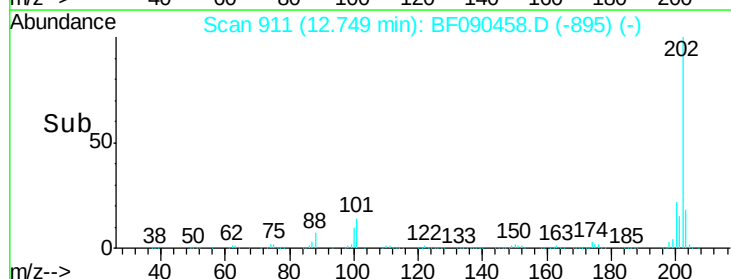
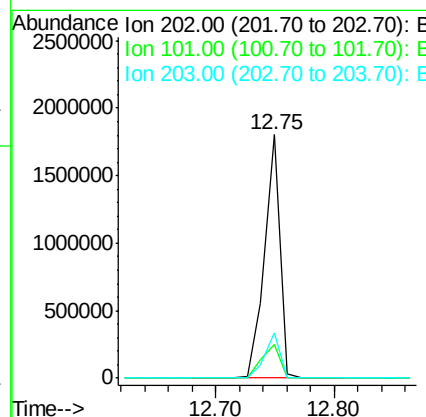
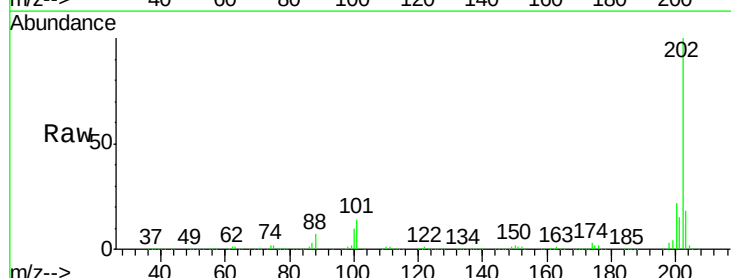
RT: 12.75 min Scan# 911

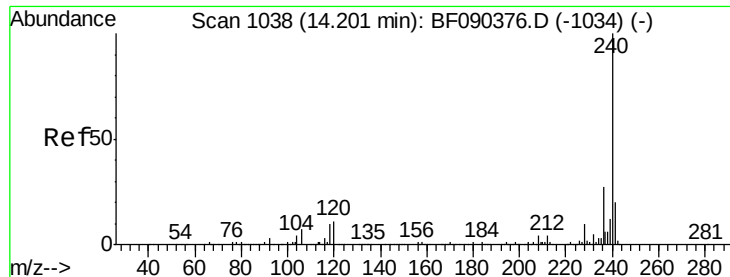
Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	37.2
203	18.3	0.0	39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

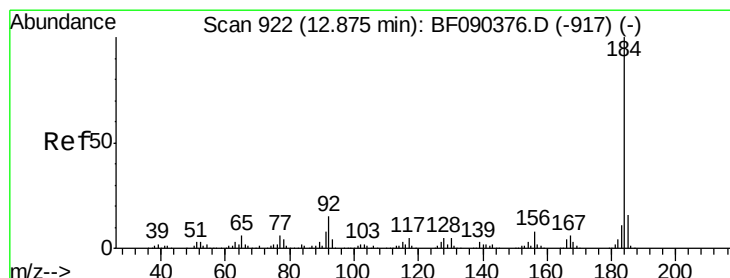
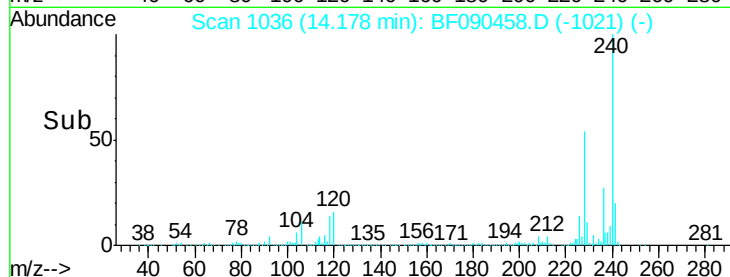
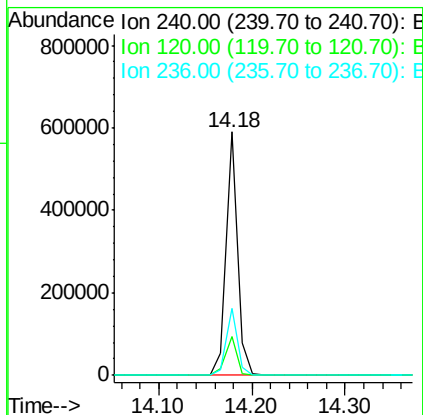
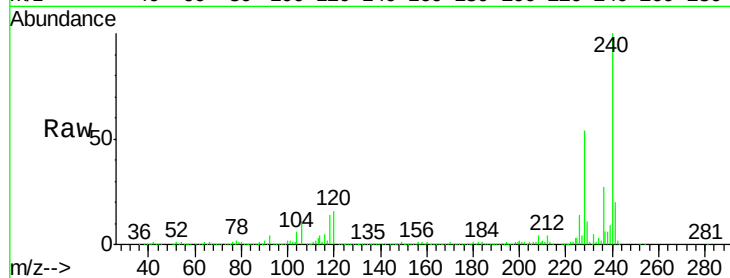
ClientSampleId :

PB93867BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	499025		
120	16.0	8.6	13.0#	
236	27.4	21.6	32.4	

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#76

Benzidine

Concen: 15.89 ng

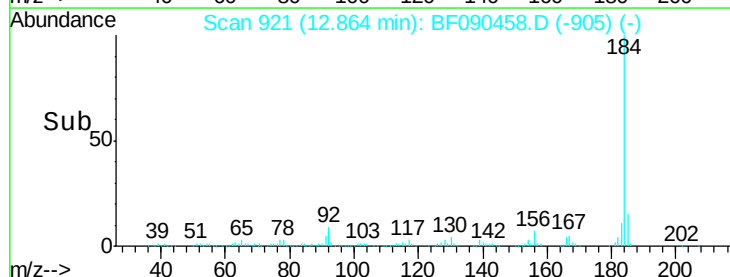
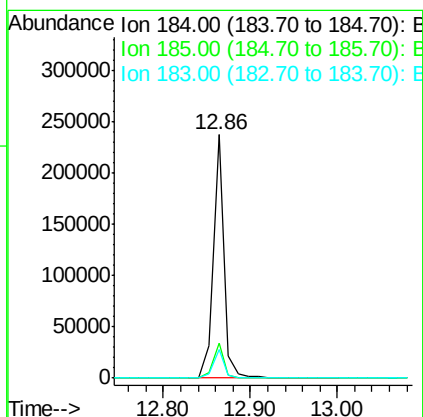
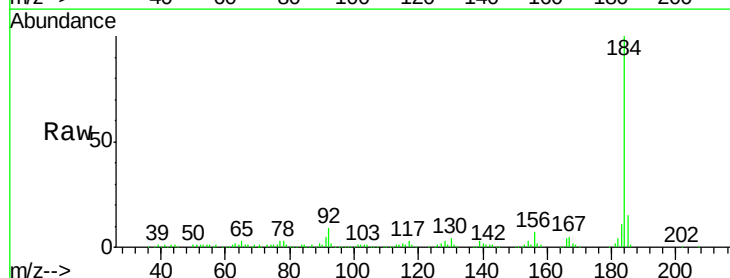
RT: 12.86 min Scan# 921

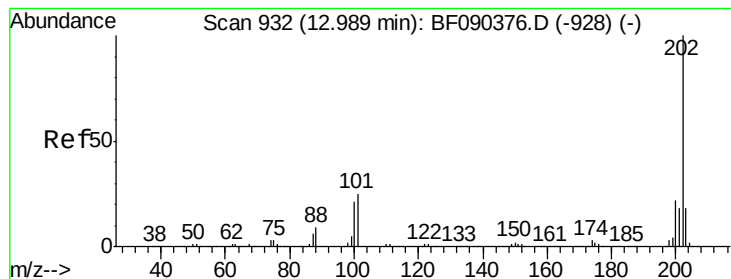
Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	208546		
185	14.5	11.8	17.8	
183	11.5	9.6	14.4	





#77

Pyrene

Concen: 47.59 ng

RT: 12.98 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

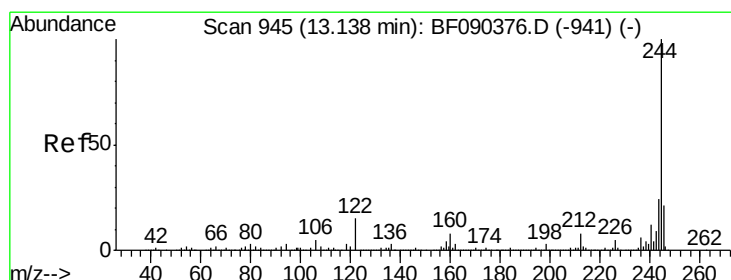
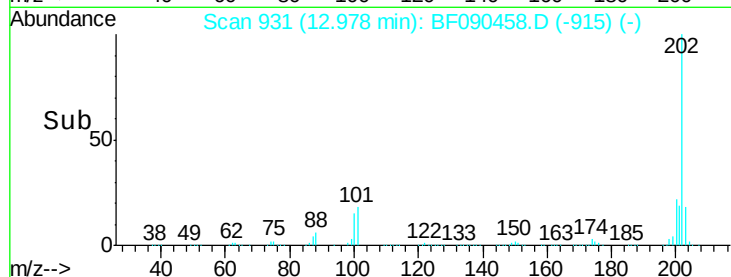
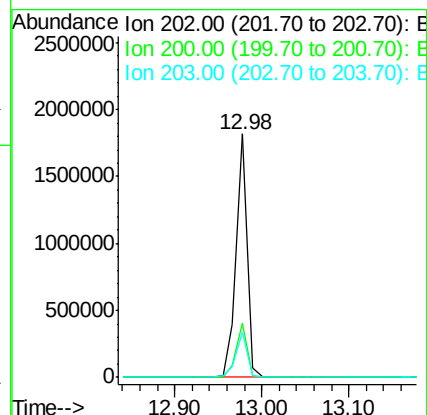
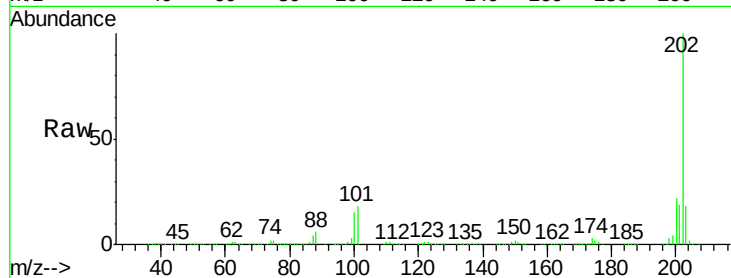
ClientSampleId :

PB93867BS

Tgt	Ion	Ratio	Lower	Upper
202	100			
200	22.5	18.5	27.7	
203	18.4	15.0	22.6	

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#78

Terphenyl-d14

Concen: 105.89 ng

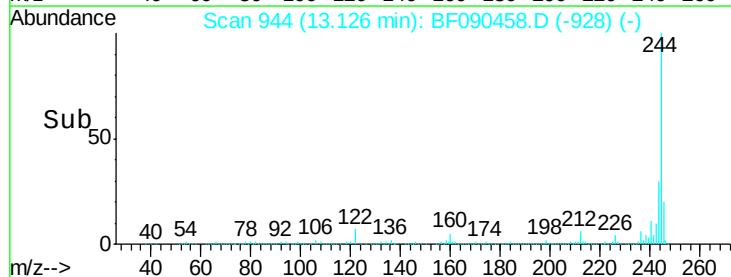
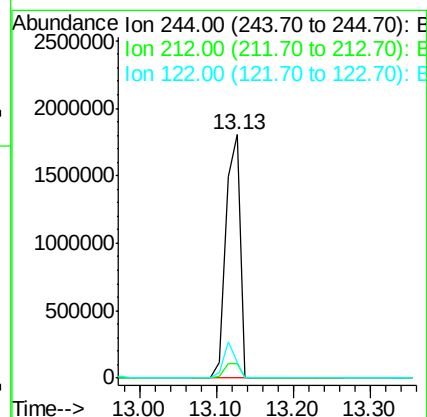
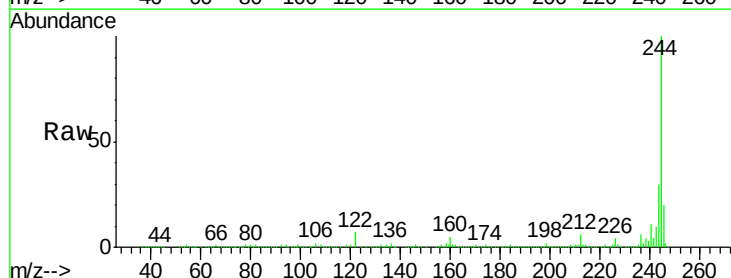
RT: 13.13 min Scan# 944

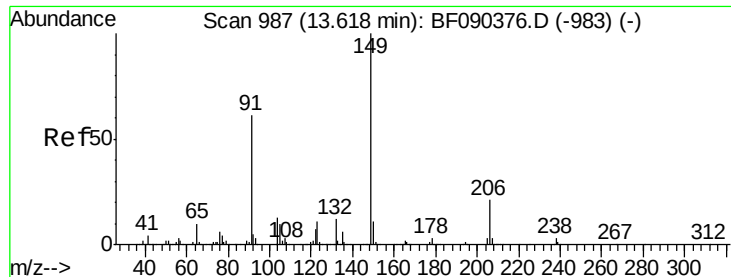
Delta R.T. -0.01 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt	Ion	Ratio	Lower	Upper
244	100			
212	6.2	6.8	10.2#	
122	6.6	13.3	19.9#	





#79

Butylbenzylphthalate

Concen: 45.88 ng

RT: 13.60 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Instrument :

BNA_F

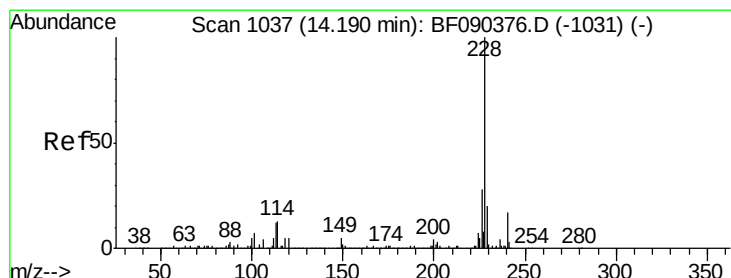
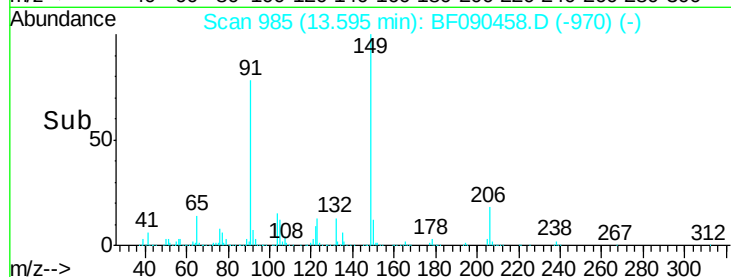
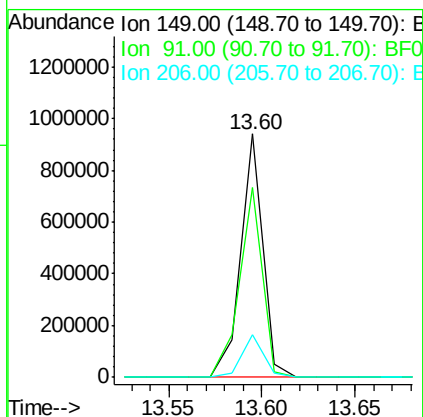
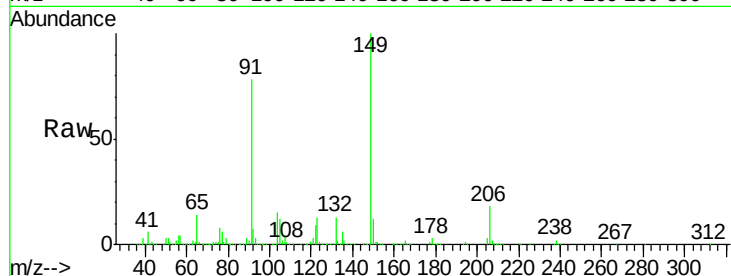
ClientSampleId :

PB93867BS

Tgt Ion:	149	Resp:	783379
Ion Ratio	Lower	Upper	
149	100		
91	77.9	51.8	77.8#
206	17.7	18.0	27.0#

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#80

Benzo(a)anthracene

Concen: 44.70 ng

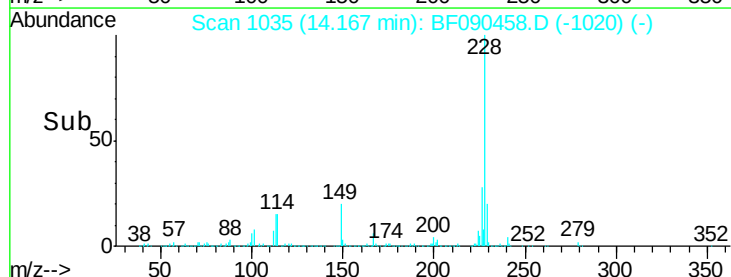
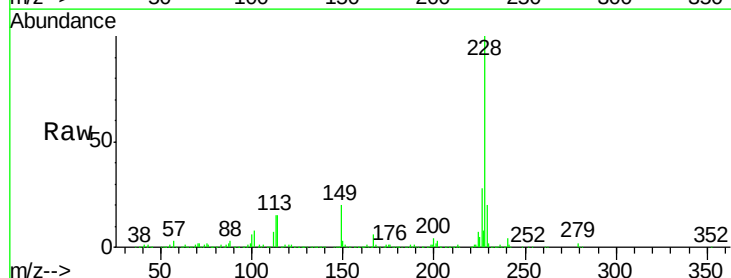
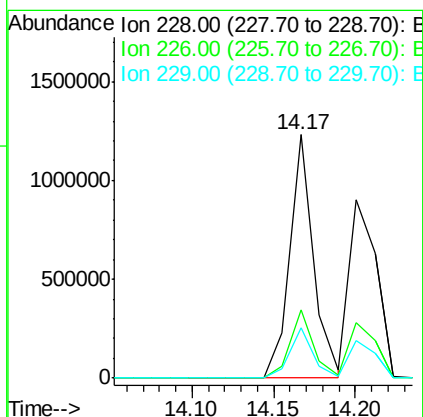
RT: 14.17 min Scan# 1035

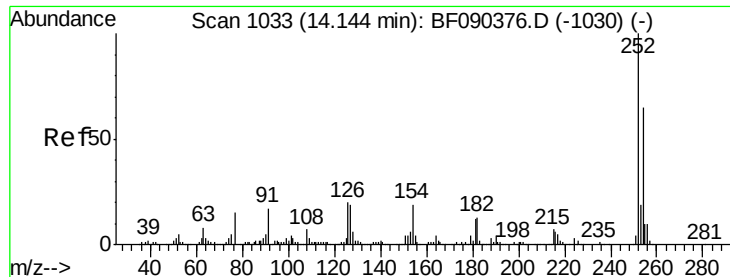
Delta R.T. -0.02 min

Lab File: BF090458.D

Acq: 7 Oct 2016 21:57

Tgt Ion:	228	Resp:	1251457
Ion Ratio	Lower	Upper	
228	100		
226	28.1	23.6	35.4
229	20.5	16.6	25.0





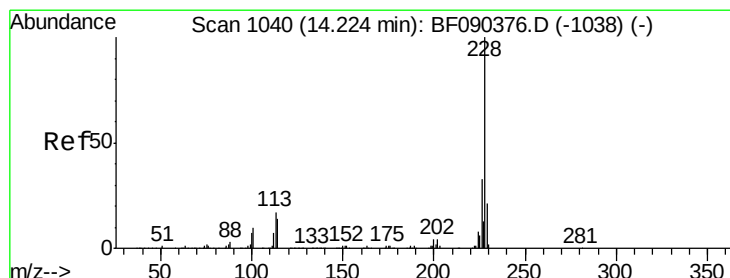
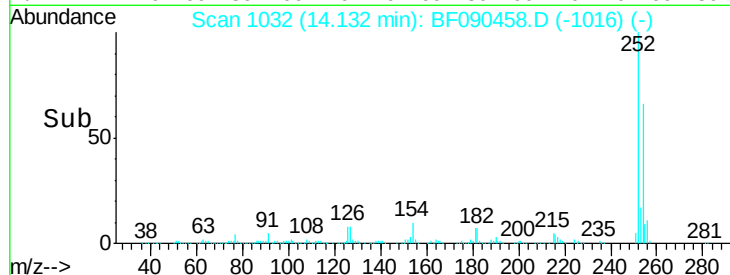
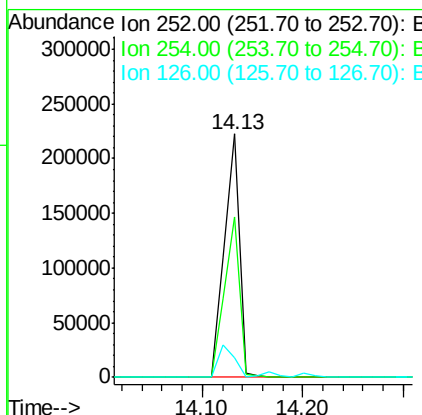
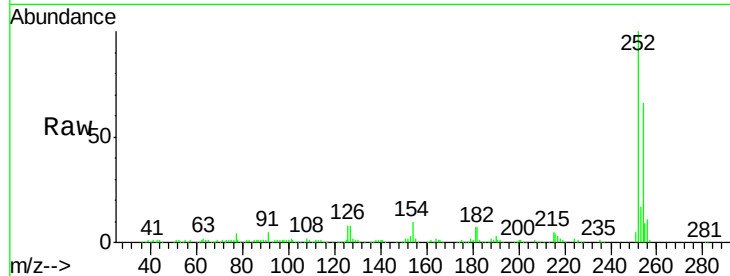
#81
 3,3'-Dichlorobenzidine
 Concen: 23.02 ng
 RT: 14.13 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.1	78.1
126	8.0	4.2	6.4

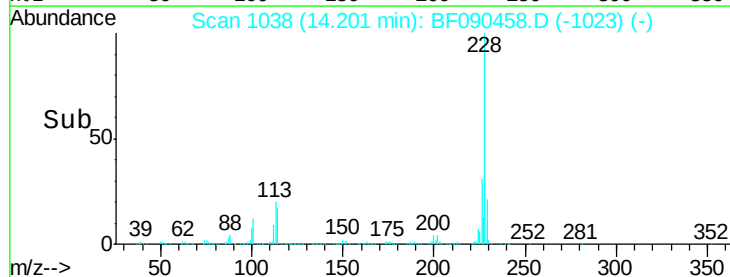
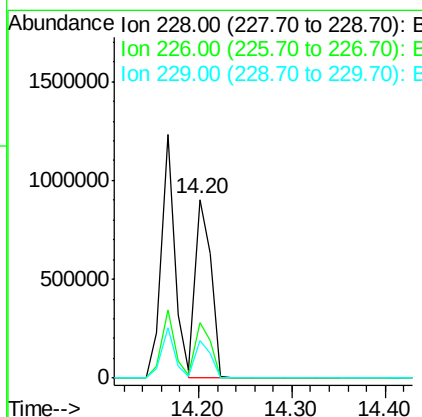
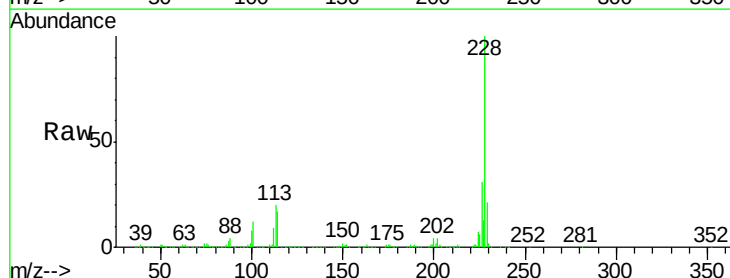
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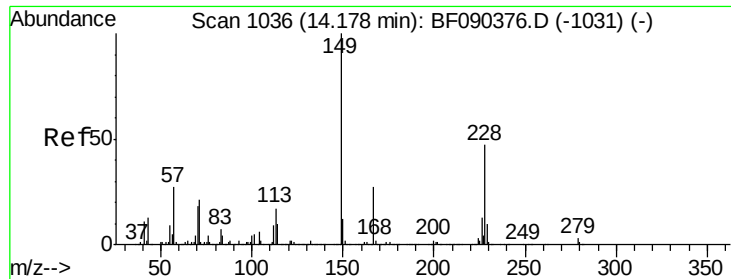
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#82
 Chrysene
 Concen: 41.43 ng
 RT: 14.20 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.8	38.6
229	20.7	16.9	25.3





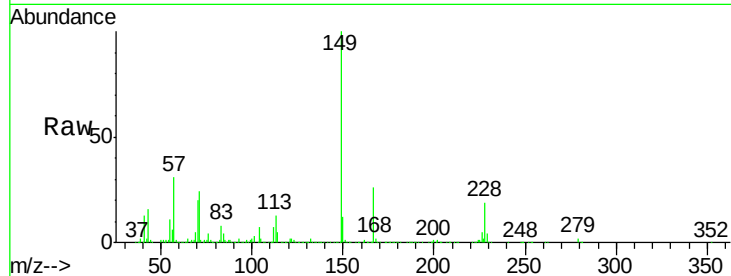
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.80 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

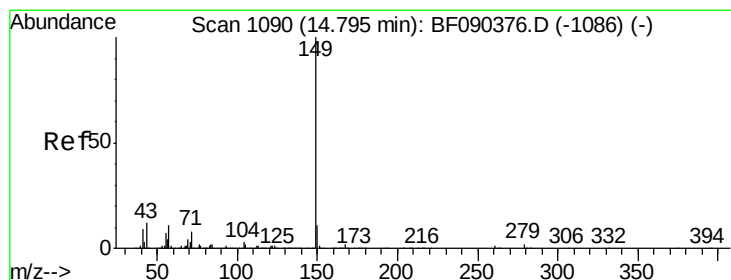
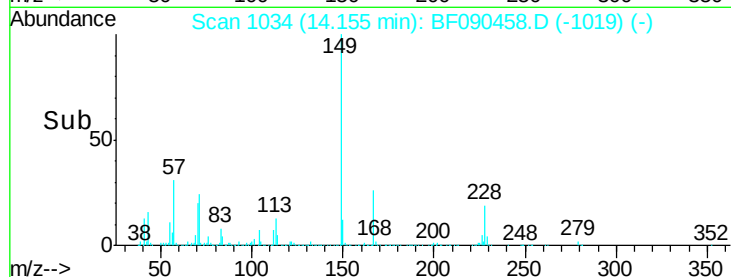
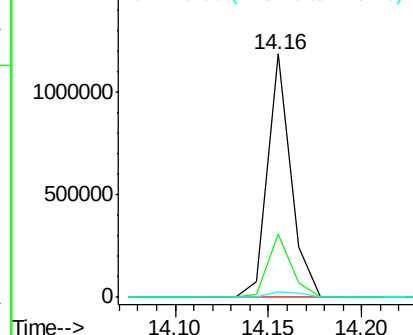
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.5	32.3
279	2.2	2.6	3.8#

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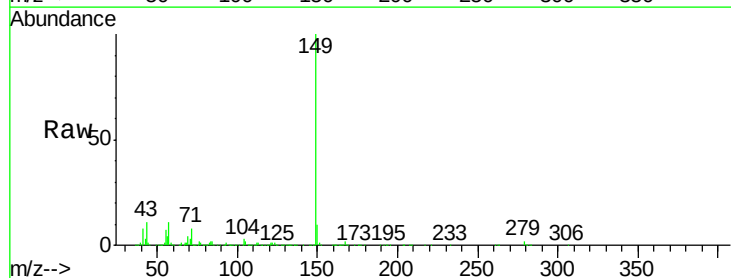


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

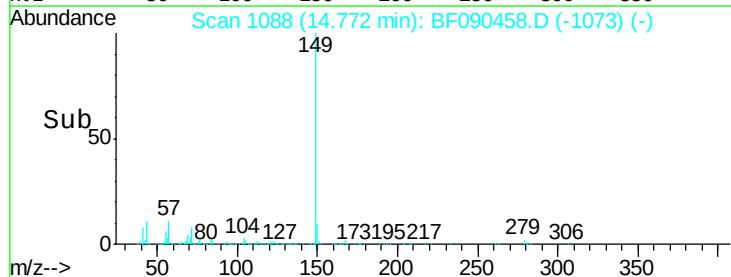
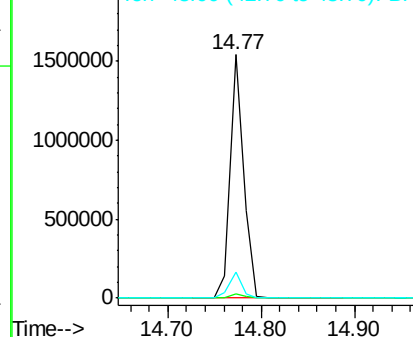


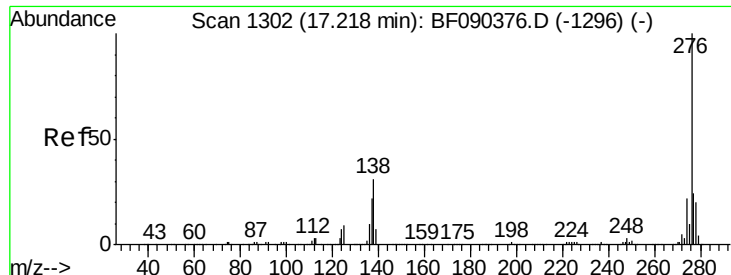
#84
 Di-n-octyl phthalate
 Concen: 42.90 ng
 RT: 14.77 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Tgt 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





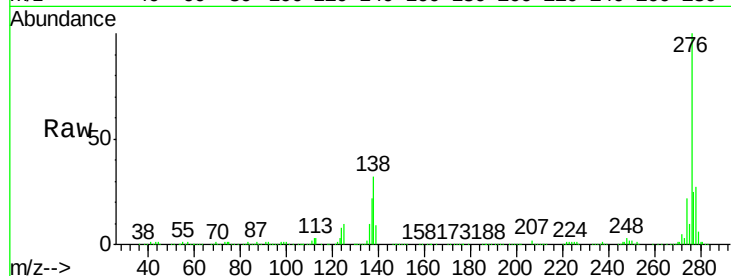
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.90 ng
RT: 17.18 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

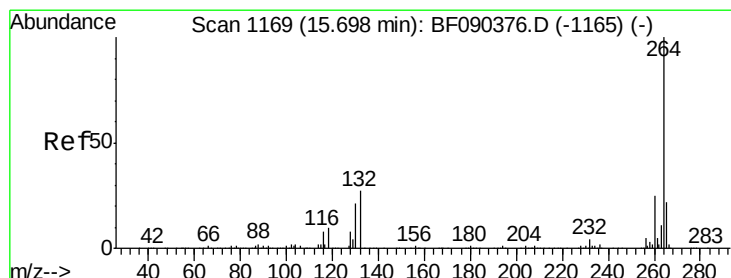
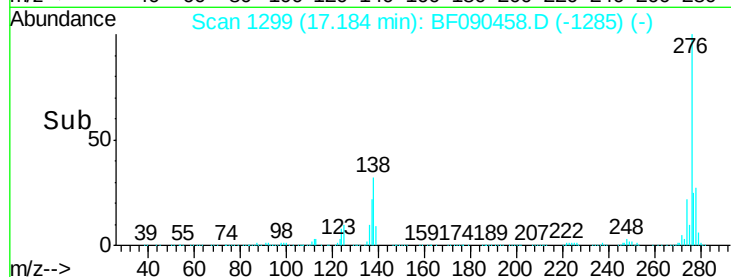
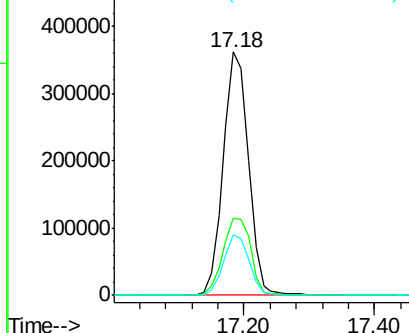
Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.0	23.8	35.8
277	25.0	20.4	30.6

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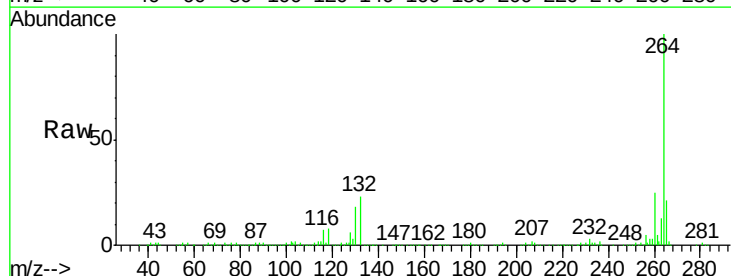


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

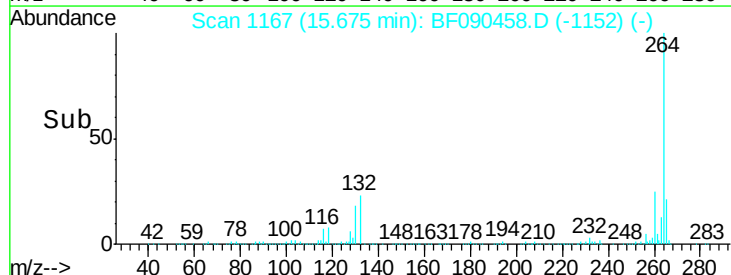
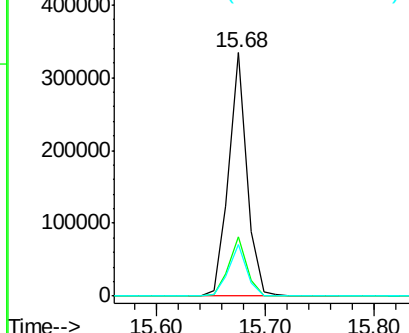


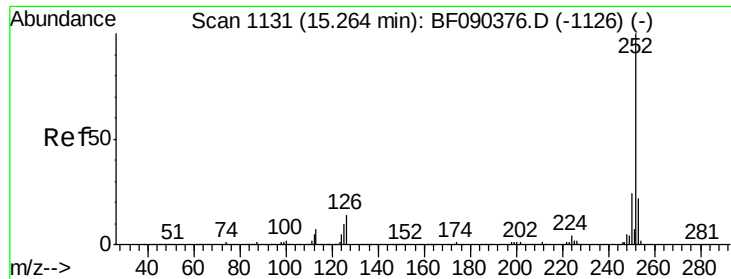
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.2	17.4	26.0



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





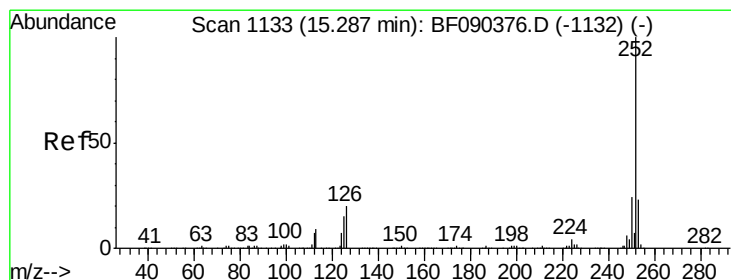
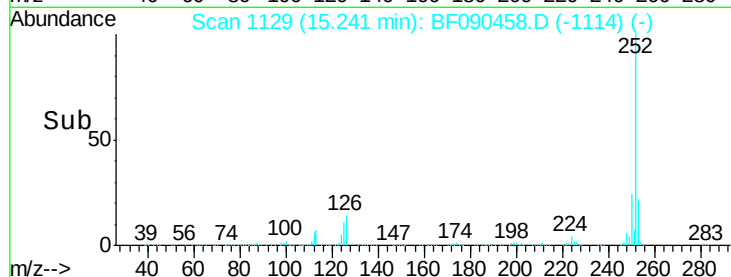
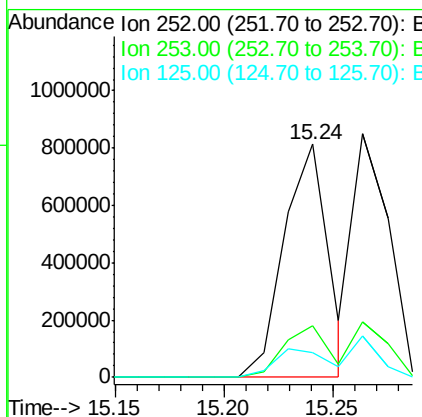
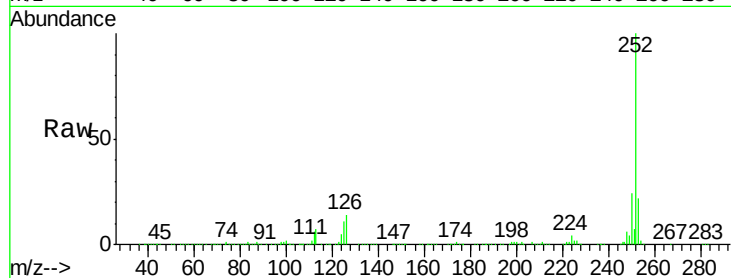
#87
Benzo(b)fluoranthene
Concen: 46.37 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampled :
PB93867BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.8	7.0	10.4

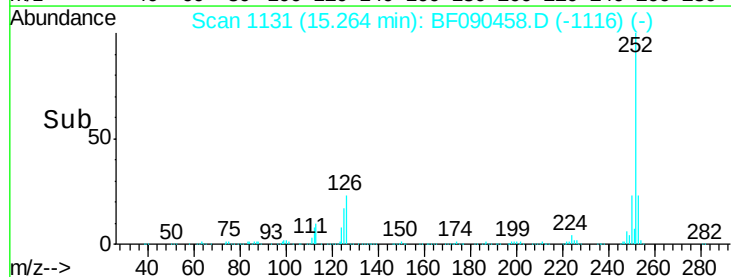
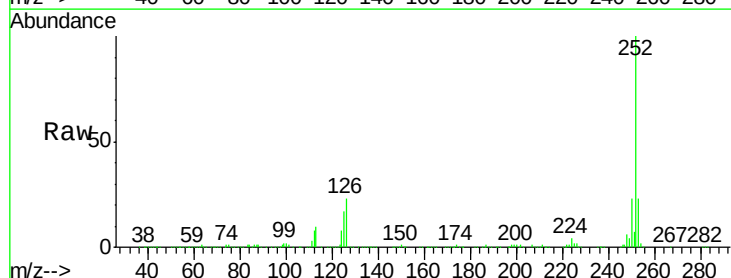
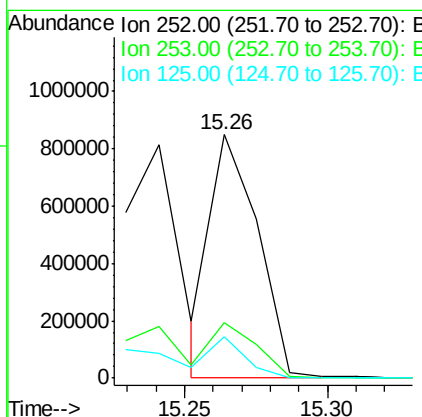
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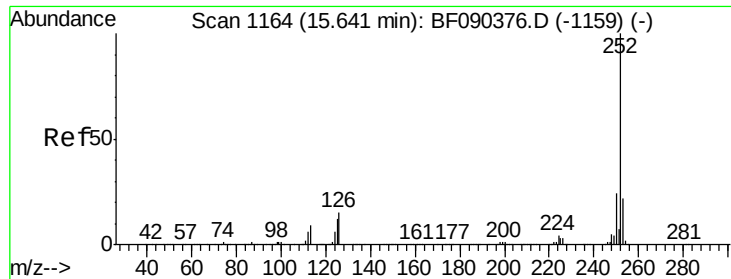
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#88
Benzo(k)fluoranthene
Concen: 42.23 ng m
RT: 15.26 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	17.1	11.7	17.5





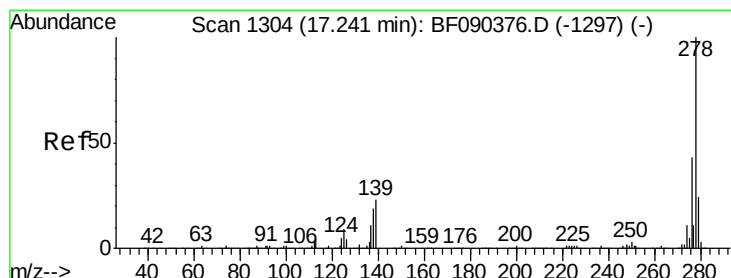
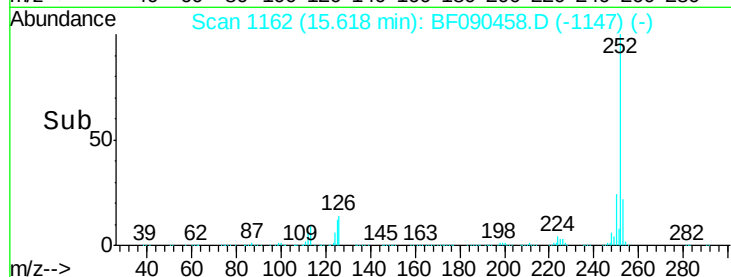
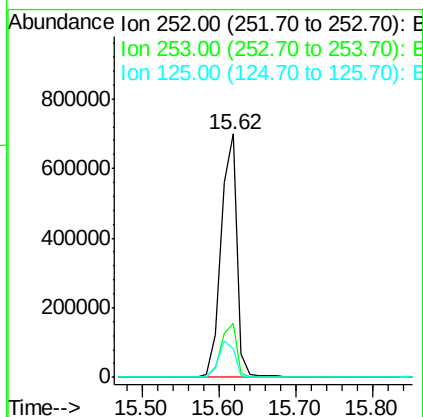
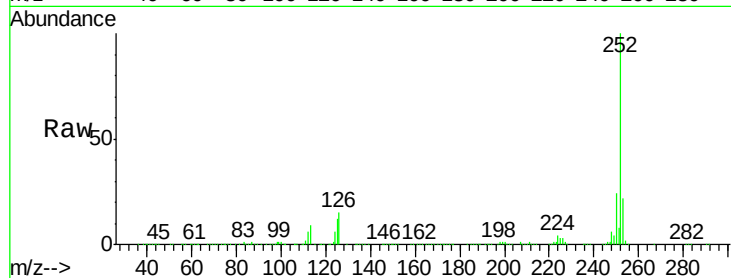
#89
Benzo(a)pyrene
Concen: 47.62 ng
RT: 15.62 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Instrument :
BNA_F
ClientSampleId :
PB93867BS

Tgt Ion: 252 Resp: 1016076
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.6 9.8 14.8

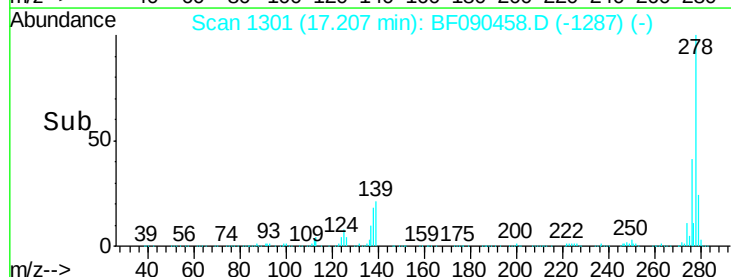
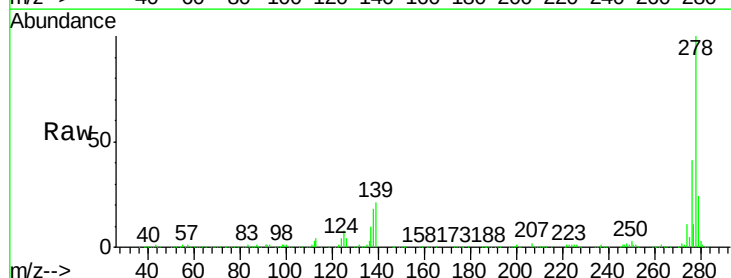
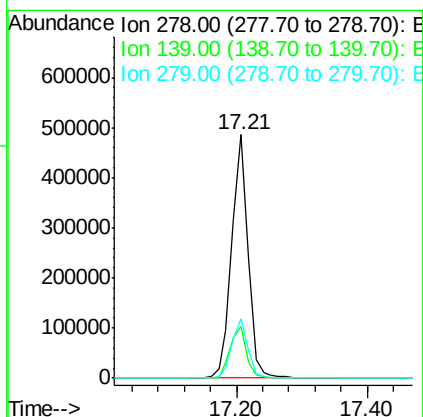
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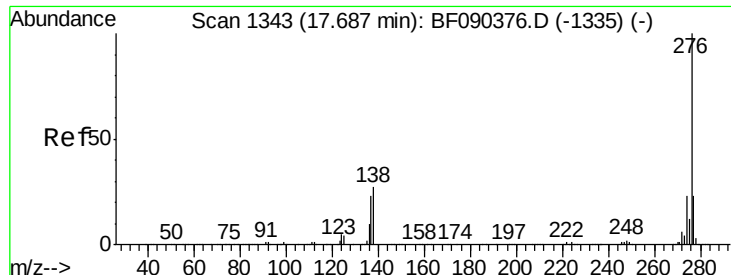
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#90
Dibenzo(a,h)anthracene
Concen: 46.39 ng
RT: 17.21 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF090458.D
Acq: 7 Oct 2016 21:57

Tgt Ion: 278 Resp: 842197
Ion Ratio Lower Upper
278 100
139 21.1 12.8 19.2#
279 24.2 19.6 29.4





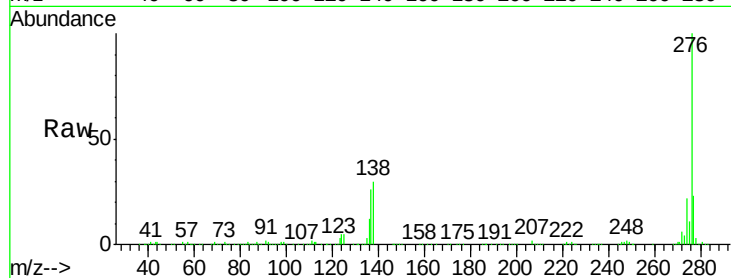
#91
 Benzo(g,h,i)perylene
 Concen: 43.22 ng
 RT: 17.64 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF090458.D
 Acq: 7 Oct 2016 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB93867BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	19.4	29.0
138	30.3	20.8	31.2

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

