

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090936.D
 Acq On : 31 Oct 2016 18:55
 Operator : UM/SJ
 Sample : H5463-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Manual Integrations
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 11/1/2016 5:19:29 PM

Quant Time: Nov 01 13:25:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	134047m	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	560267	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	291939	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	451764	20.00	ng	0.00
75) Chrysene-d12	13.91	240	399599	20.00	ng	0.00
86) Perylene-d12	15.30	264	249700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	935772	122.06	ng	0.01
7) Phenol-d6	6.40	99	1209757	116.96	ng	0.00
23) Nitrobenzene-d5	7.32	82	914530	106.86	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	356833	118.94	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1473149	88.61	ng	0.00
78) Terphenyl-d14	12.85	244	1317891	83.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	162552	41.47	ng	87
3) Pyridine	3.00	79	477339	44.89	ng	# 74
4) n-Nitrosodimethylamine	2.96	42	163472	54.61	ng	# 67
6) Aniline	6.41	93	220833m	18.69	ng	
8) 2-Chlorophenol	6.53	128	451099	47.70	ng	90
9) Benzaldehyde	6.29	77	48409m	9.06	ng	
10) Phenol	6.41	94	469501m	41.19	ng	
11) bis(2-Chloroethyl)ether	6.49	93	446785	47.37	ng	98
12) 1,3-Dichlorobenzene	6.69	146	418698m	43.28	ng	
13) 1,4-Dichlorobenzene	6.76	146	434423m	42.70	ng	
14) 1,2-Dichlorobenzene	6.92	146	453595	46.51	ng	95
15) Benzyl Alcohol	6.90	79	356707m	52.51	ng	
16) 2,2'-oxybis(1-Chloropropan	7.04	45	609303	64.92	ng	76
17) 2-Methylphenol	7.01	107	339684m	47.21	ng	
18) Hexachloroethane	7.26	117	173197m	46.78	ng	
19) n-Nitroso-di-n-propylamine	7.17	70	354475m	59.28	ng	
20) 3+4-Methylphenols	7.17	107	445046	53.43	ng	# 80
22) Acetophenone	7.16	105	588293	51.04	ng	# 85
24) Nitrobenzene	7.33	77	467886	51.69	ng	# 65
25) Isophorone	7.57	82	878746	50.59	ng	# 85
26) 2-Nitrophenol	7.65	139	227864	46.99	ng	# 59
27) 2,4-Dimethylphenol	7.70	122	379571	48.34	ng	# 78
28) bis(2-Chloroethoxy)methane	7.79	93	525846	53.24	ng	# 92
29) 2,4-Dichlorophenol	7.90	162	319773	43.99	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	351205	41.81	ng	99
31) Naphthalene	8.05	128	1180594	45.08	ng	98
32) Benzoic acid	7.70	122	379571	66.59	ng	# 32
33) 4-Chloroaniline	8.11	127	115825	10.95	ng	# 87
34) Hexachlorobutadiene	8.18	225	204756	41.45	ng	99
35) Caprolactam	8.48	113	104074m	46.12	ng	
36) 4-Chloro-3-methylphenol	8.60	107	377094	47.70	ng	# 77
37) 2-Methylnaphthalene	8.75	142	825233	48.79	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	334754	41.80	ng	99
40) Hexachlorocyclopentadiene	8.90	237	250301	67.93	ng	95

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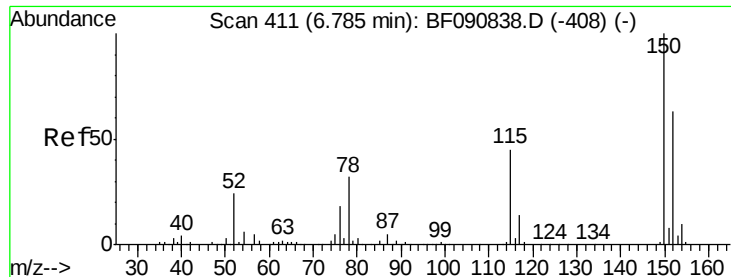
Manual Integrations
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Quant Time: Nov 01 13:25:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	218913	42.34	ng	97
43) 2,4,5-Trichlorophenol	9.07	196	224387	42.14	ng #	79
45) 1,1'-Biphenyl	9.22	154	938780	44.64	ng	96
46) 2-Chloronaphthalene	9.24	162	739811	46.25	ng	98
47) 2-Nitroaniline	9.33	65	250740	55.55	ng #	62
48) Acenaphthylene	9.65	152	1168062	48.23	ng	97
49) Dimethylphthalate	9.52	163	1059243	54.31	ng #	96
50) 2,6-Dinitrotoluene	9.58	165	197571	45.86	ng #	93
51) Acenaphthene	9.82	154	724508	43.43	ng	89
52) 3-Nitroaniline	9.74	138	101708	22.18	ng #	56
53) 2,4-Dinitrophenol	9.86	184	24085	10.62	ng #	44
54) Dibenzofuran	10.00	168	1052565	48.90	ng #	88
55) 4-Nitrophenol	9.93	139	261383	93.46	ng #	78
56) 2,4-Dinitrotoluene	9.98	165	266727	49.84	ng #	74
57) Fluorene	10.34	166	841287	47.71	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.12	232	172380	36.25	ng	94
59) Diethylphthalate	10.21	149	837147	43.21	ng	95
60) 4-Chlorophenyl-phenylether	10.33	204	359591	41.78	ng #	80
61) 4-Nitroaniline	10.36	138	206947	45.56	ng #	49
62) Azobenzene	10.49	77	1022736	53.68	ng	84
64) 4,6-Dinitro-2-methylphenol	10.40	198	60230	20.11	ng #	73
65) n-Nitrosodiphenylamine	10.45	169	727025	52.54	ng	90
66) 4-Bromophenyl-phenylether	10.82	248	228325	46.15	ng	99
67) Hexachlorobenzene	10.89	284	257285	43.94	ng #	80
68) Atrazine	10.98	200	193535	45.21	ng	84
69) Pentachlorophenol	11.08	266	188732	60.09	ng	98
70) Phenanthrene	11.29	178	1122722	48.80	ng	96
71) Anthracene	11.34	178	1197717	49.44	ng	97
72) Carbazole	11.50	167	1118134	52.27	ng	94
73) Di-n-butylphthalate	11.84	149	1234254	44.76	ng #	97
74) Fluoranthene	12.48	202	1096527	43.52	ng	96
76) Benzidine	12.60	184	219146	25.12	ng	98
77) Pyrene	12.70	202	1118665	44.24	ng	96
79) Butylbenzylphthalate	13.33	149	577899	50.37	ng	94
80) Benzo(a)anthracene	13.89	228	984478	46.42	ng	96
81) 3,3'-Dichlorobenzidine	13.86	252	151760	18.43	ng #	95
82) Chrysene	13.93	228	780606m	36.39	ng	
83) Bis(2-ethylhexyl)phthalate	13.89	149	741312	49.61	ng #	93
84) Di-n-octyl phthalate	14.50	149	1097866	43.76	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.64	276	711584	37.43	ng #	95
87) Benzo(b)fluoranthene	14.91	252	769456m	45.83	ng	
88) Benzo(k)fluoranthene	14.93	252	626099m	47.19	ng	
89) Benzo(a)pyrene	15.24	252	626927	43.46	ng #	90
90) Dibenzo(a,h)anthracene	16.65	278	616086	50.44	ng #	86
91) Benzo(g,h,i)perylene	17.04	276	590853	51.37	ng #	84

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



#1

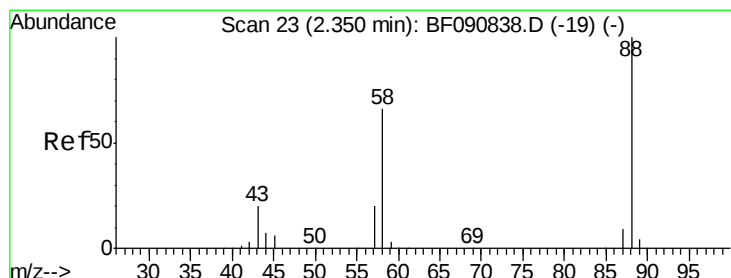
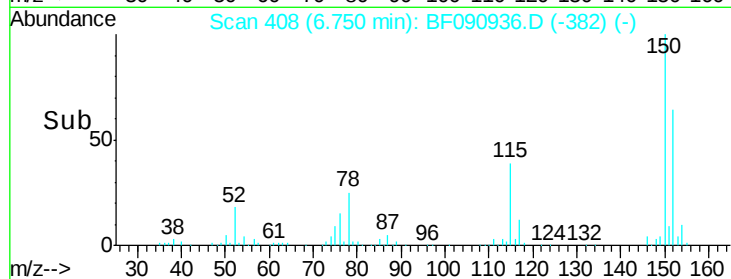
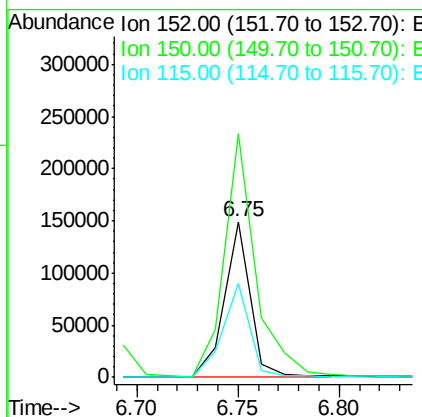
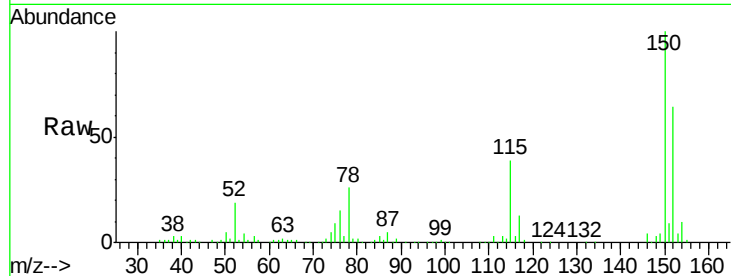
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.7	187.1
115	60.2	39.0	58.4

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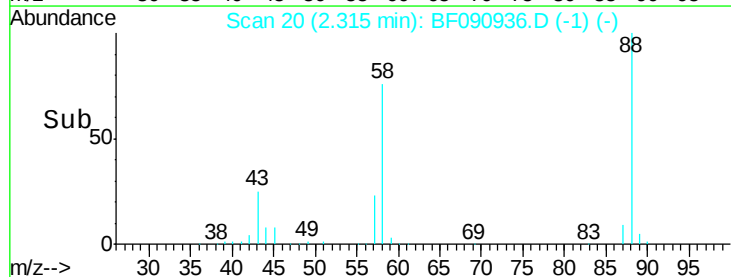
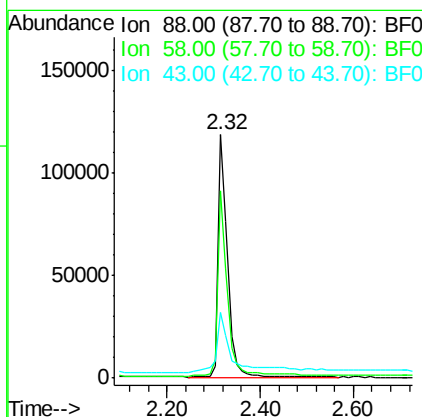
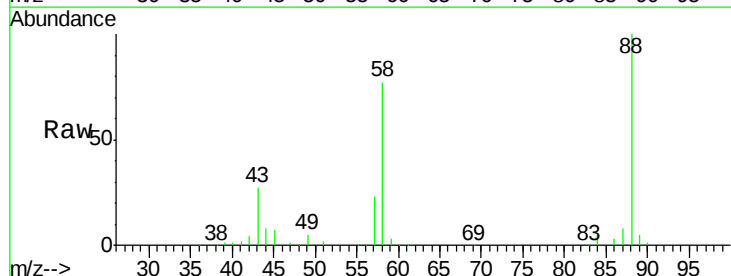
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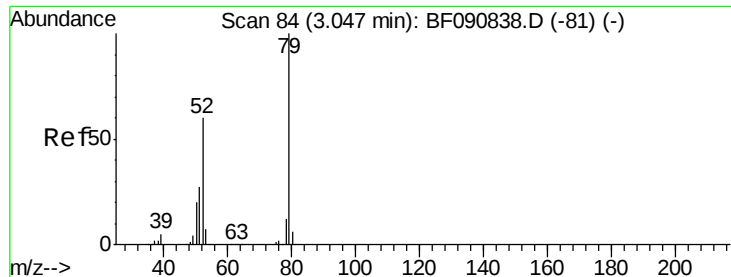


#2

1,4-Dioxane
Concen: 41.47 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.07 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	77.7	116.5
43	36.7	26.6	40.0





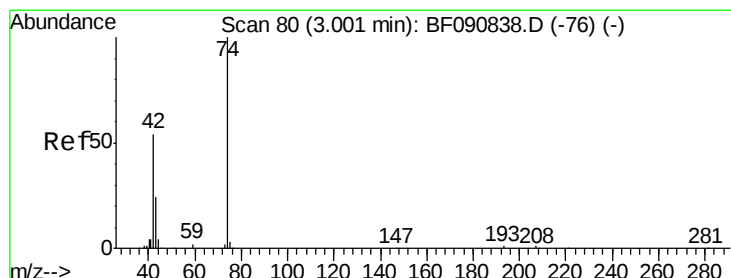
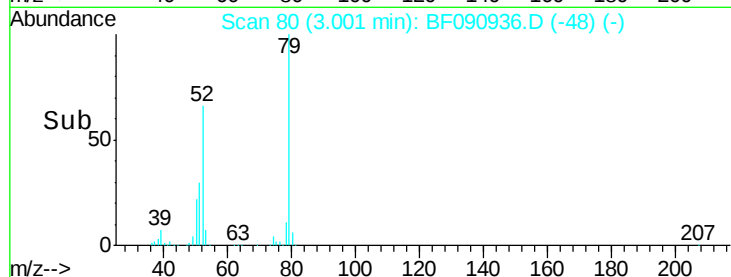
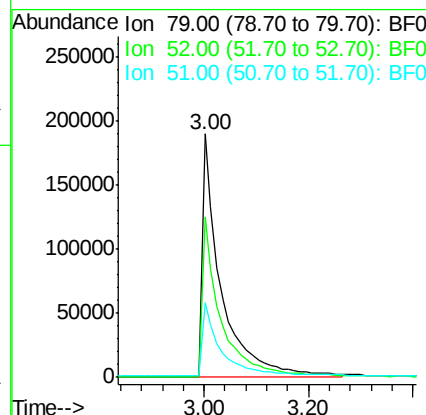
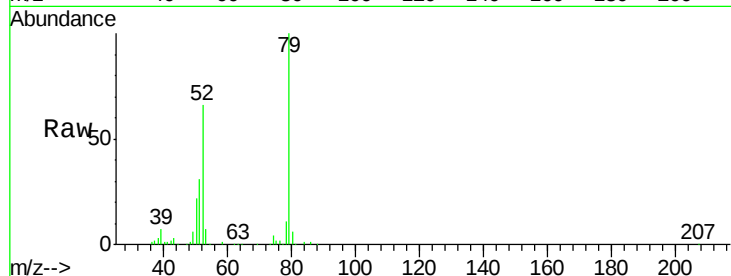
#3
 Pyridine
 Concen: 44.89 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.07 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	66.1	76.8	115.2#
51	30.8	32.2	48.4#

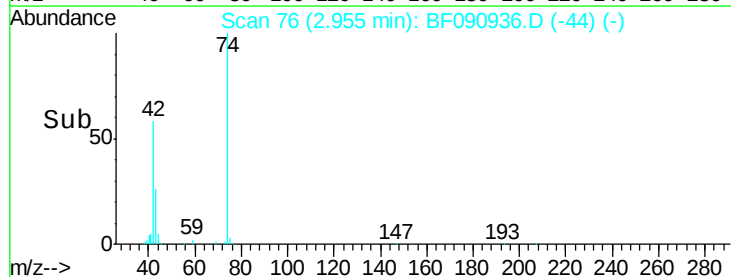
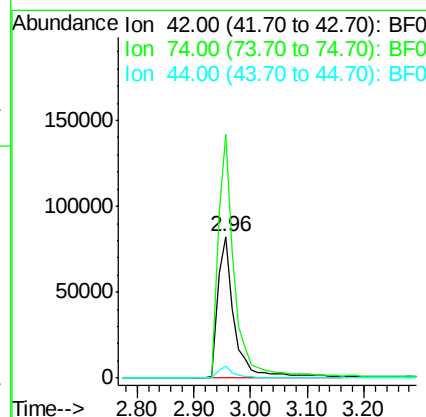
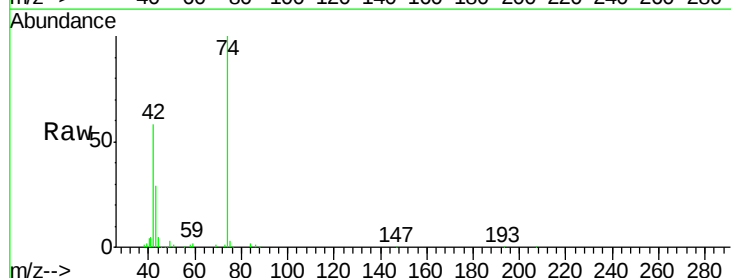
Manual Integrations
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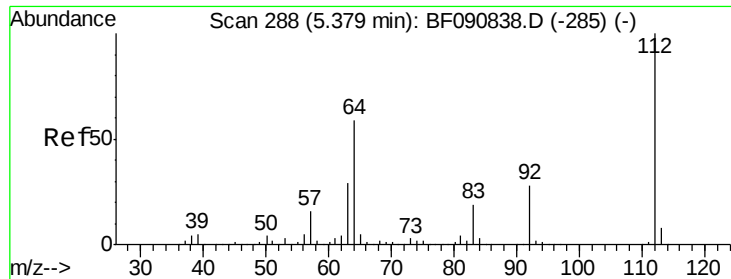
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#4
 n-Nitrosodimethylamine
 Concen: 54.61 ng
 RT: 2.96 min Scan# 76
 Delta R.T. 0.07 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.1	105.0	157.6#
44	8.1	6.6	10.0





#5

2-Fluorophenol

Concen: 122.06 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

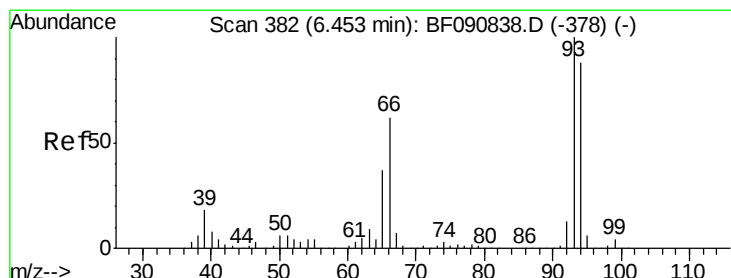
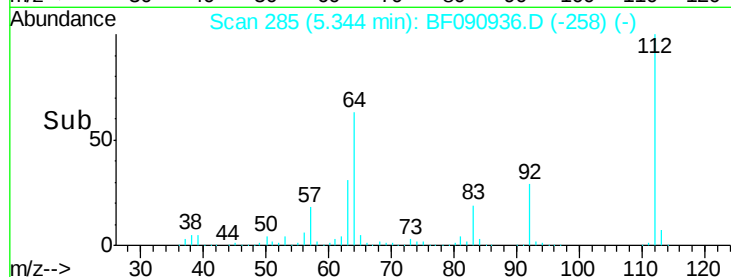
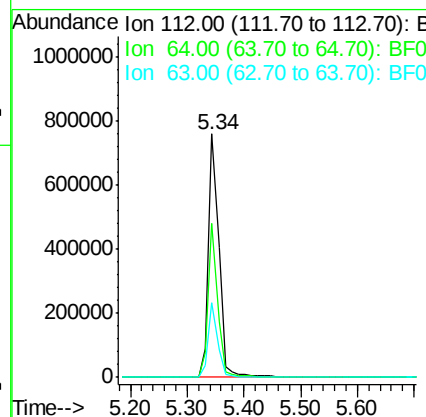
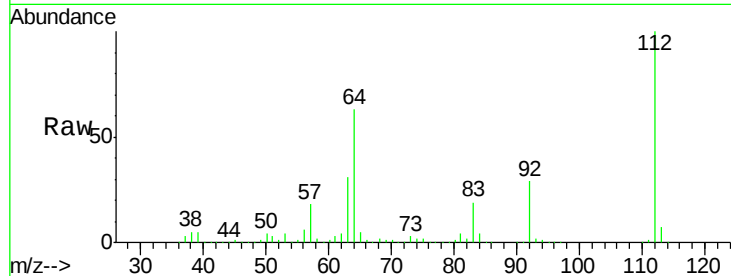
ClientSampleId :

SB-4(12-14)MS

Tgt Ion:	112	Resp:	935772
Ion Ratio		Lower	Upper
112	100		
64	63.1	39.7	59.5#
63	30.9	17.4	26.0#

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#6

Aniline

Concen: 18.69 ng m

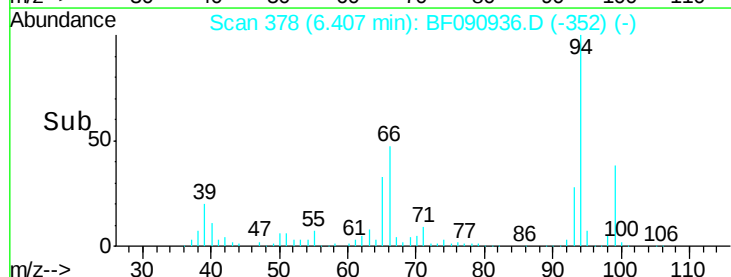
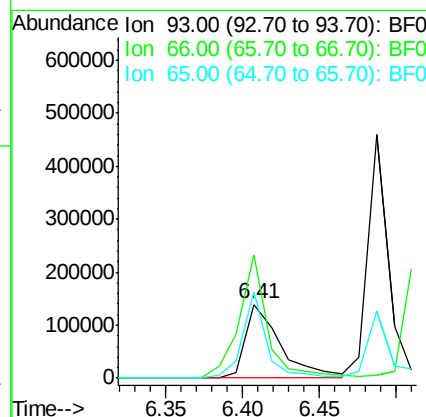
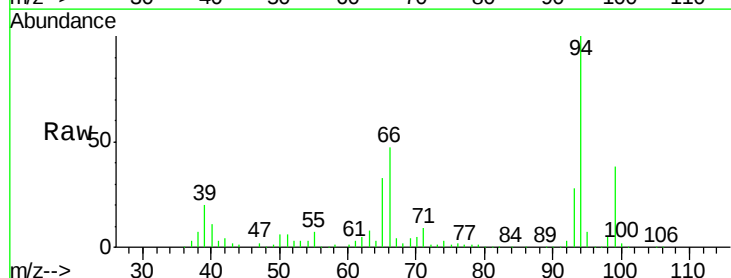
RT: 6.41 min Scan# 378

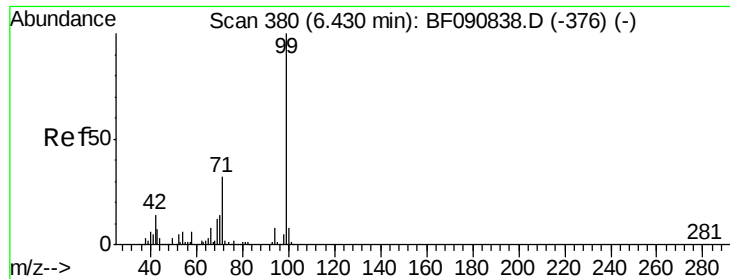
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion:	93	Resp:	220833
Ion Ratio		Lower	Upper
93	100		
66	166.1	27.2	40.8#
65	117.0	14.7	22.1#





#7

Phenol-d6

Concen: 116.96 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-4(12-14)MS

Tgt Ion: 99 Resp: 1209757

Ion Ratio Lower Upper

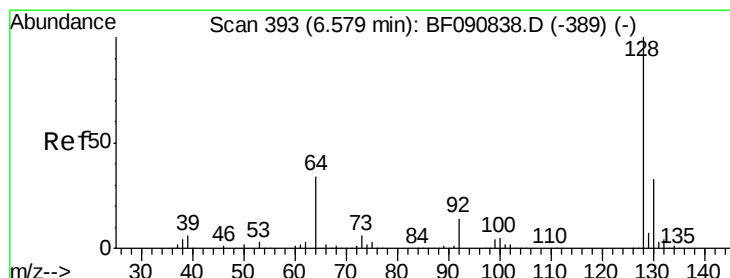
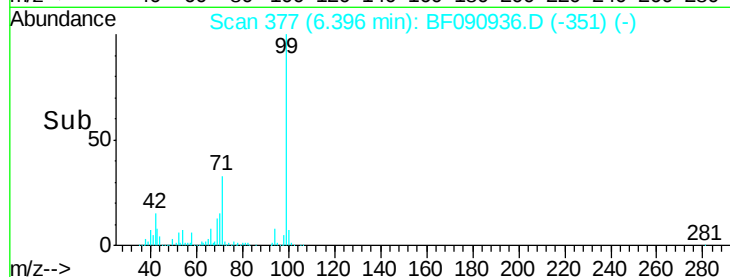
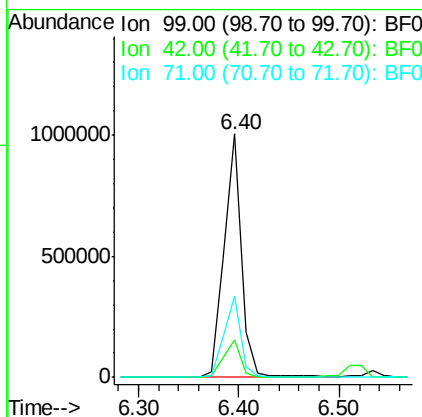
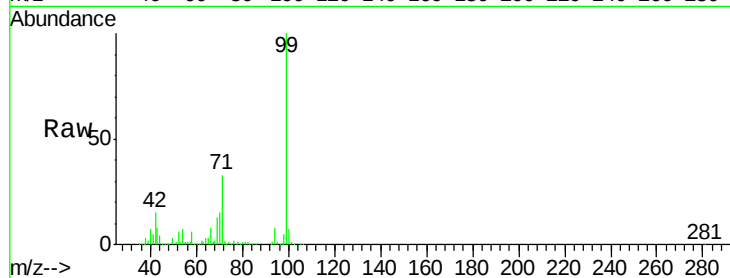
99 100

42 15.4 13.7 20.5

71 33.3 14.2 21.2#

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#8

2-Chlorophenol

Concen: 47.70 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

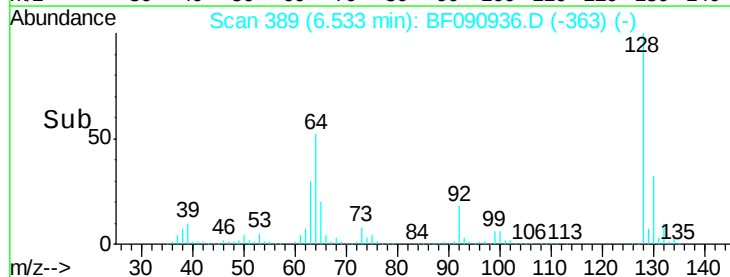
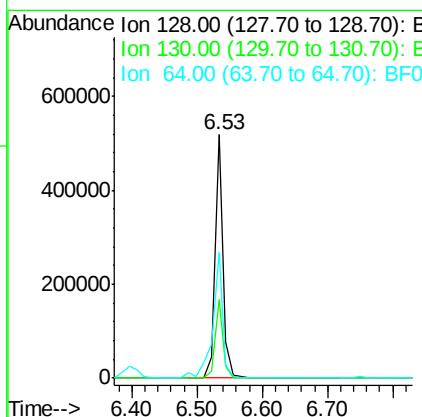
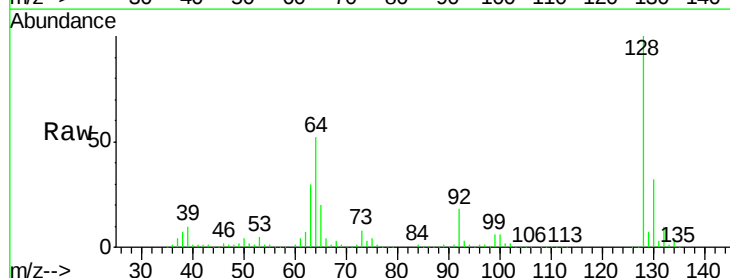
Tgt Ion: 128 Resp: 451099

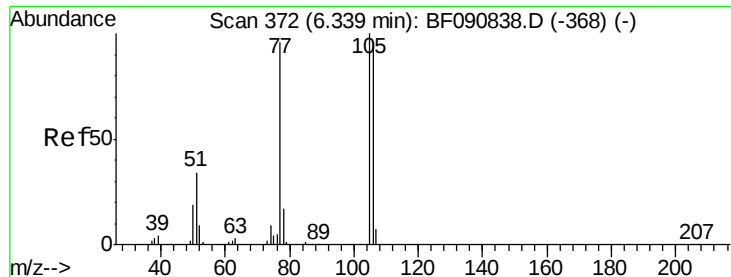
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 51.9 20.5 60.5





#9

Benzaldehyde

Concen: 9.06 ng m

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

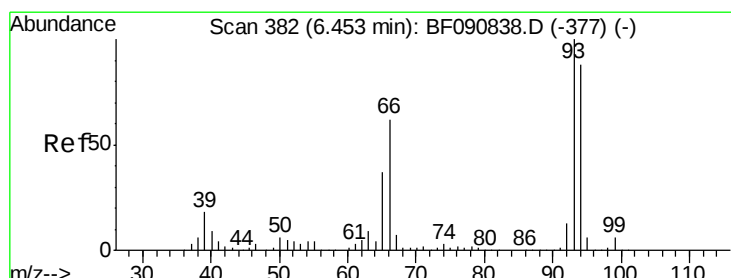
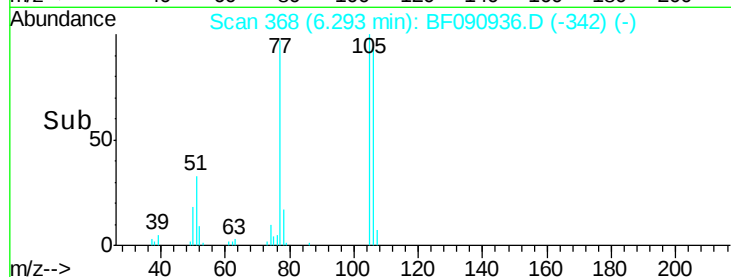
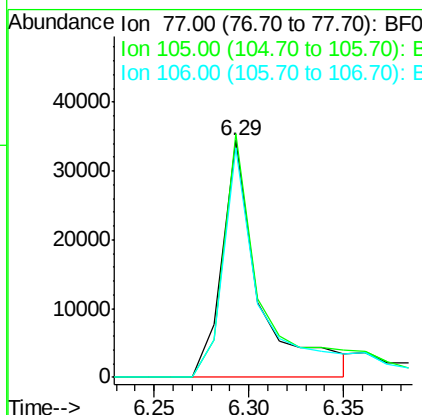
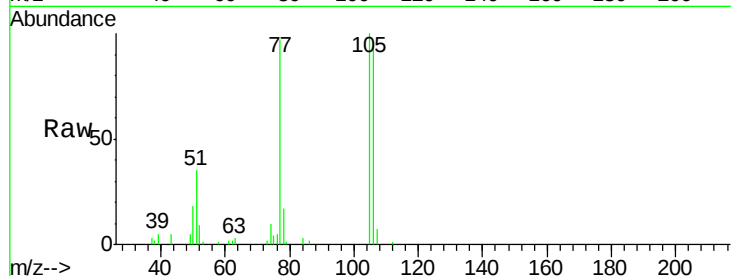
ClientSampleId :

SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	102.8	91.6	131.6
106	96.9	102.6	142.6

Manual Integrations
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#10

Phenol

Concen: 41.19 ng m

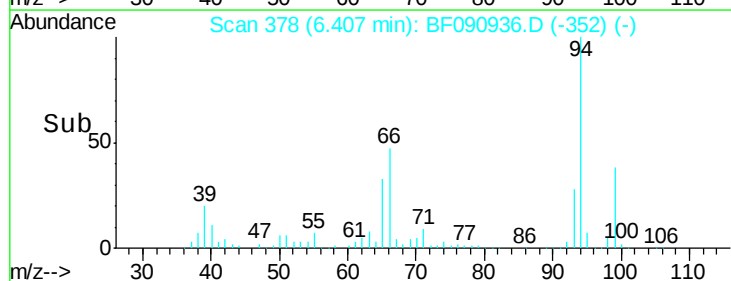
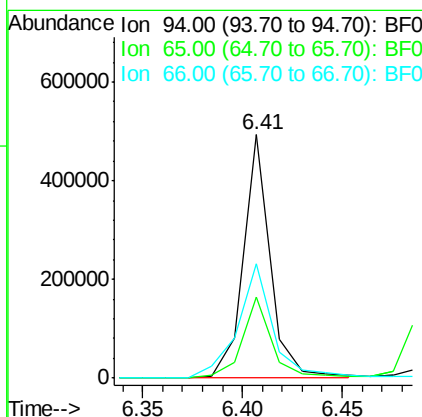
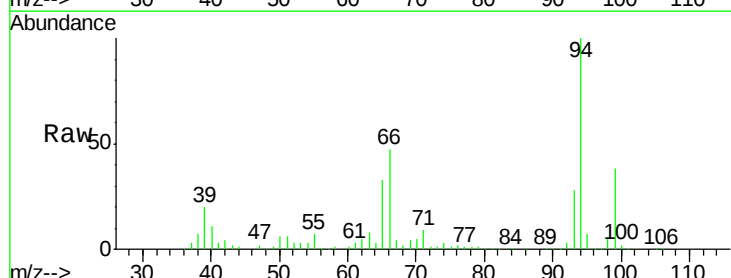
RT: 6.41 min Scan# 378

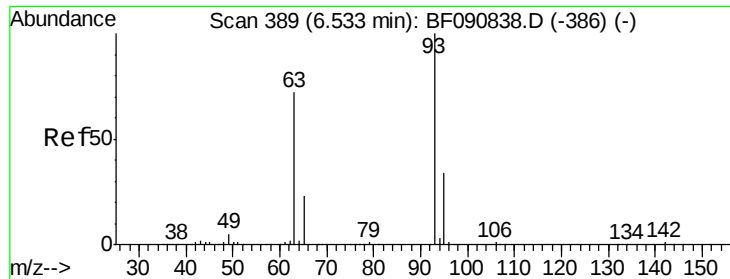
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.1	0.7	40.7
66	46.9	0.8	40.8





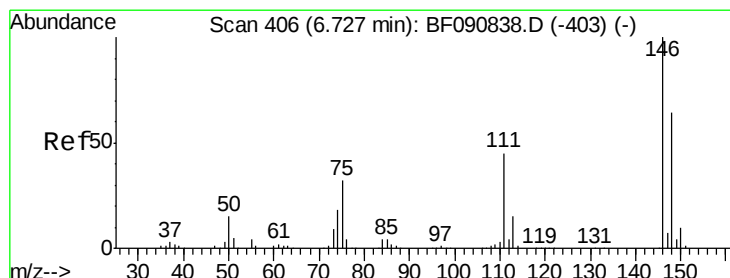
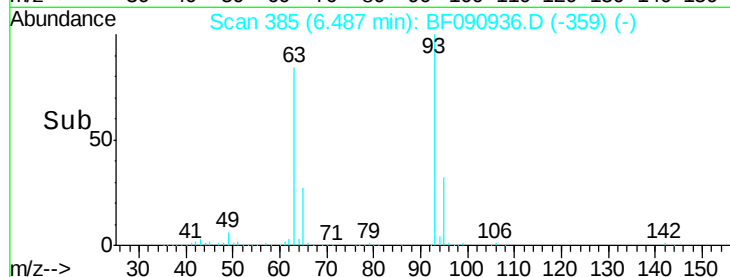
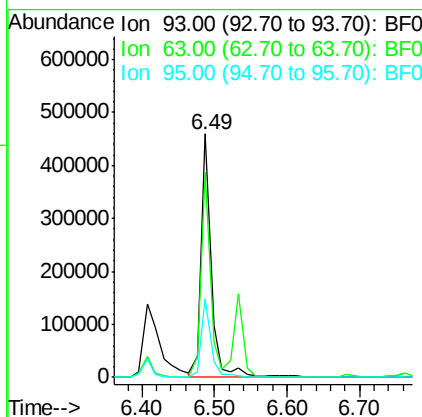
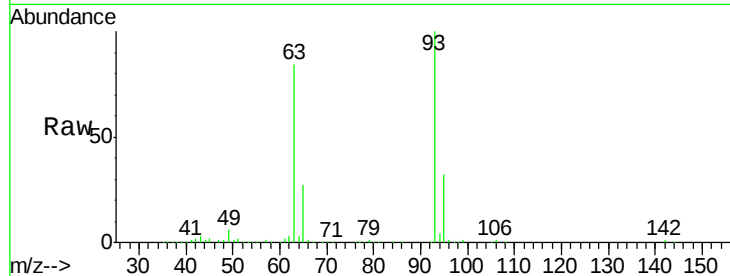
#11
bis(2-Chloroethyl)ether
Concen: 47.37 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.2	65.6	105.6
95	32.4	13.6	53.6

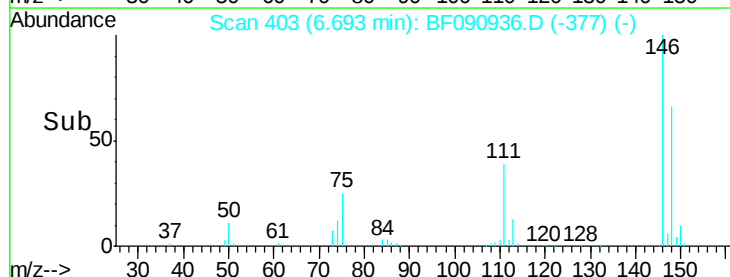
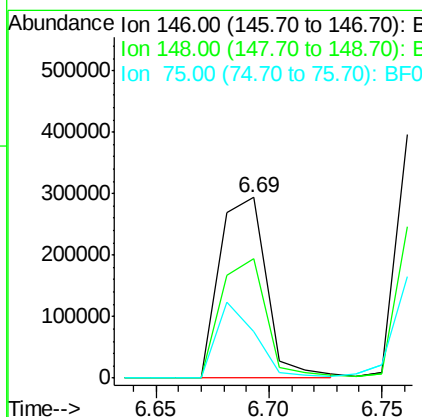
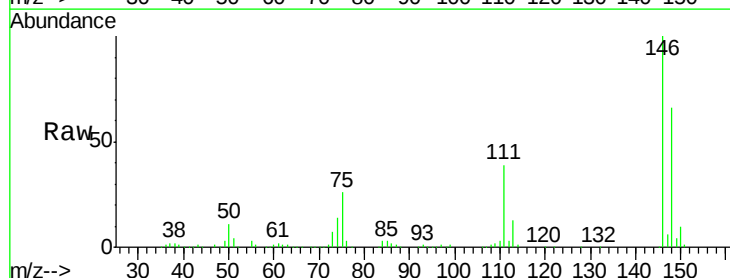
Manual Integrations
APPROVED

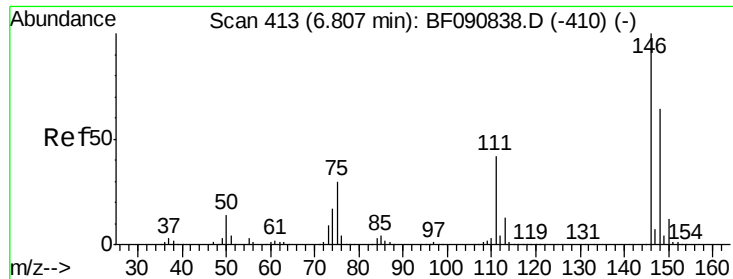
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#12
1,3-Dichlorobenzene
Concen: 43.28 ng m
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.0	76.4
75	25.8	15.0	22.6





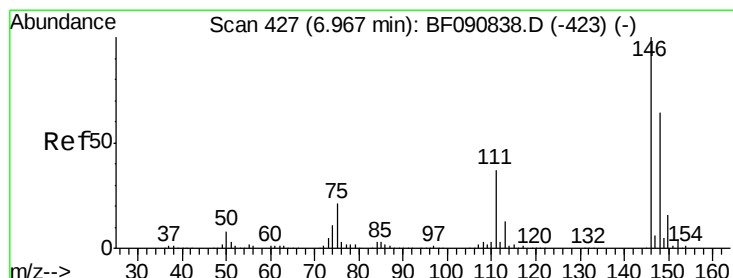
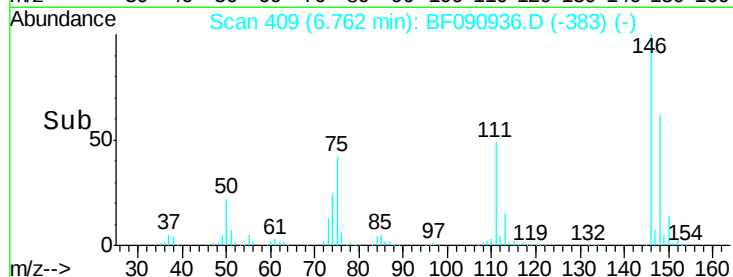
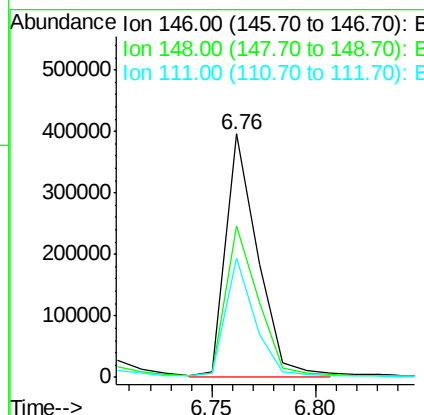
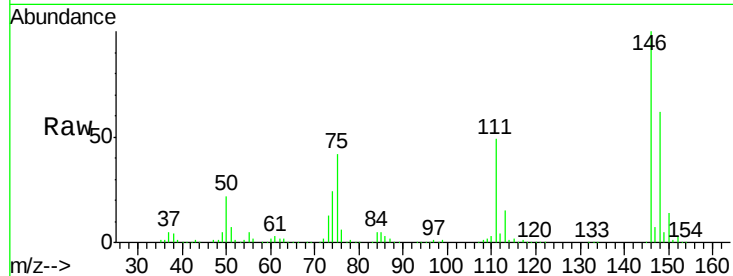
#13
 1,4-Dichlorobenzene
 Concen: 42.70 ng m
 RT: 6.76 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampled :
 SB-4(12-14)MS

Tgt Ion:146 Resp: 434423
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.8 77.6
 111 49.1 24.9 37.3#

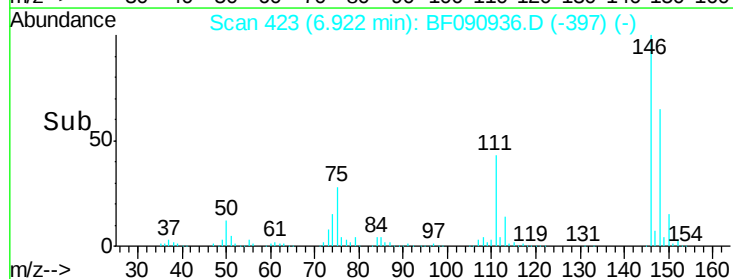
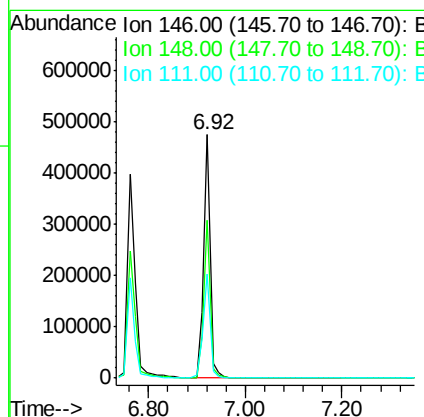
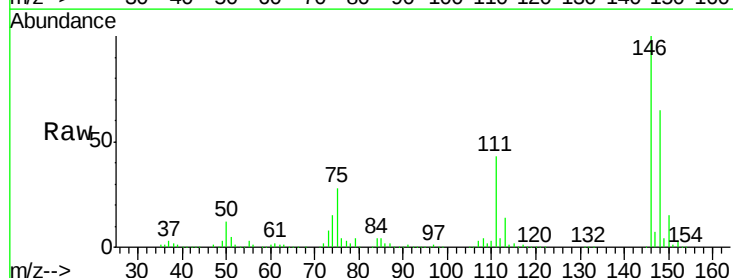
Manual Integrations
 APPROVED

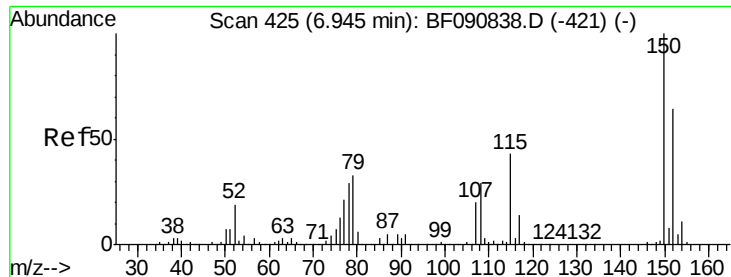
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#14
 1,2-Dichlorobenzene
 Concen: 46.51 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion:146 Resp: 453595
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.7 79.1
 111 43.0 28.8 43.2





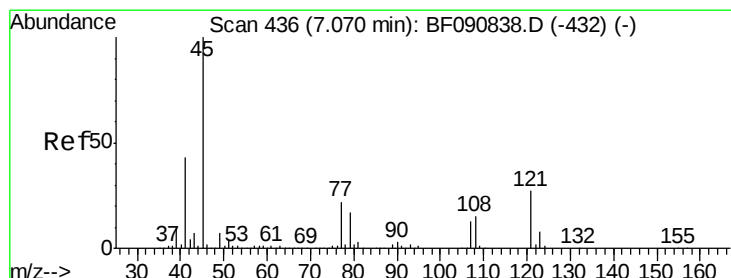
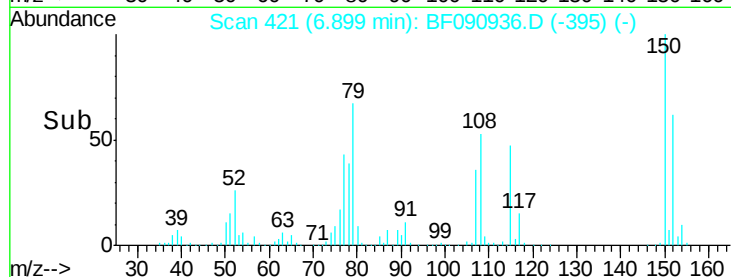
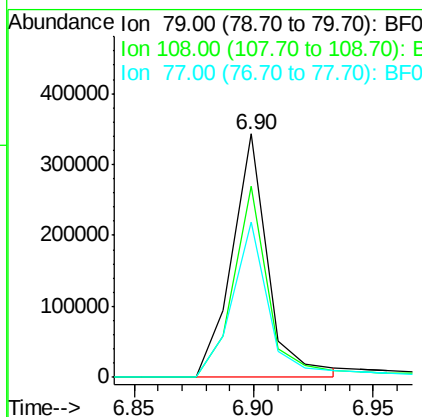
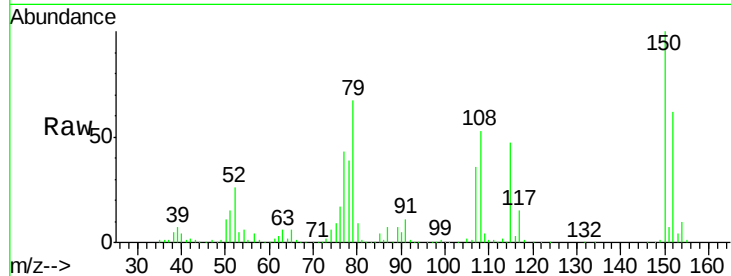
#15
Benzyl Alcohol
Concen: 52.51 ng m
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion: 79 Resp: 356707
Ion Ratio Lower Upper
79 100
108 78.3 88.6 132.8#
77 63.9 47.0 70.4

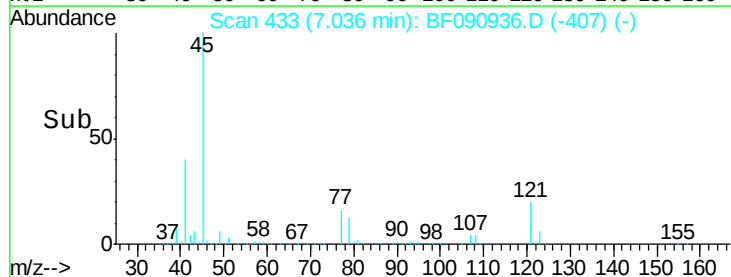
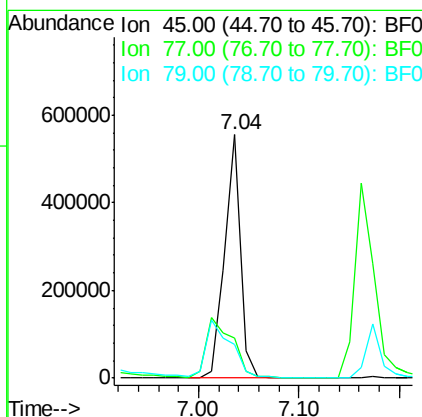
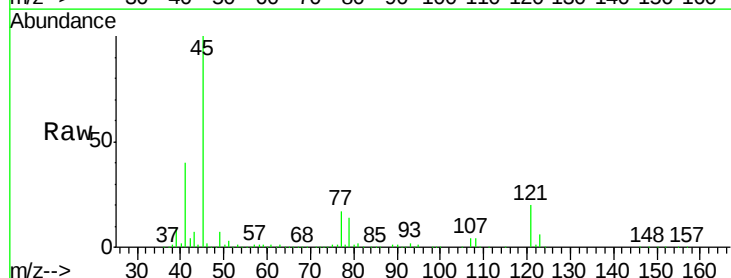
Manual Integrations
APPROVED

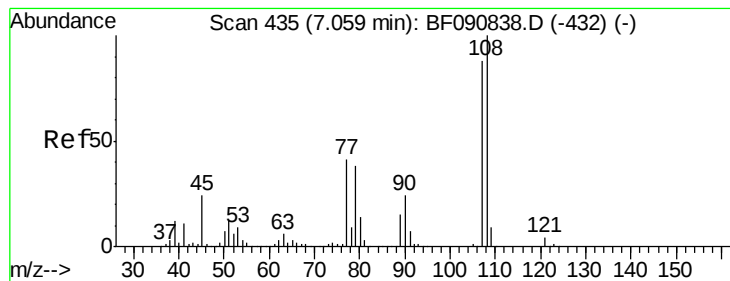
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 64.92 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion: 45 Resp: 609303
Ion Ratio Lower Upper
45 100
77 16.7 0.0 28.1
79 13.7 0.0 26.0





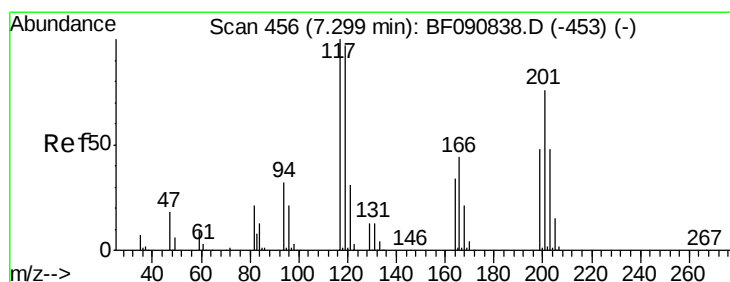
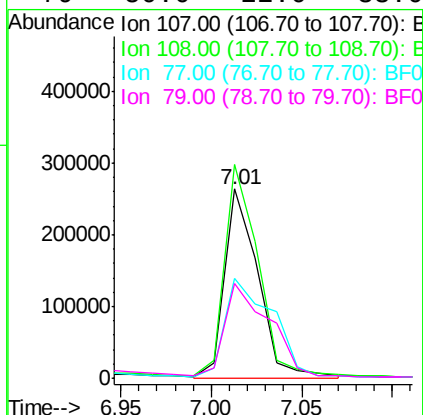
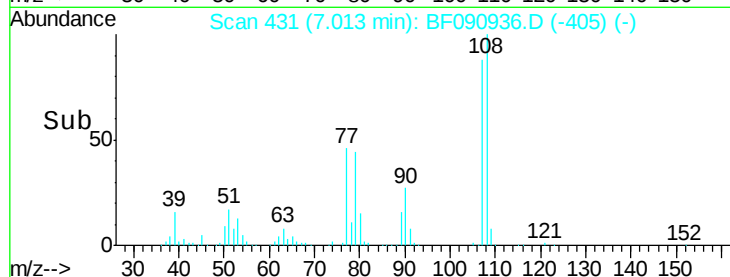
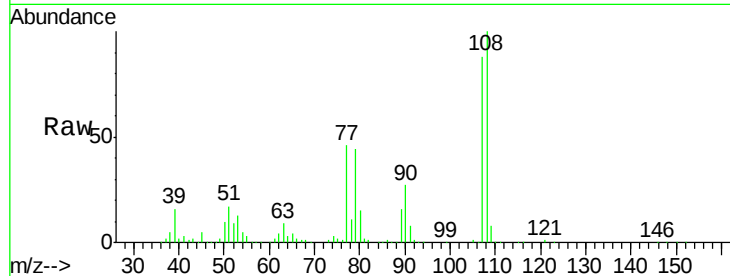
#17
2-Methylphenol
Concen: 47.21 ng m
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	339684		
108	113.0	96.6	145.0	
77	52.5	23.3	34.9#	
79	50.0	22.0	33.0#	

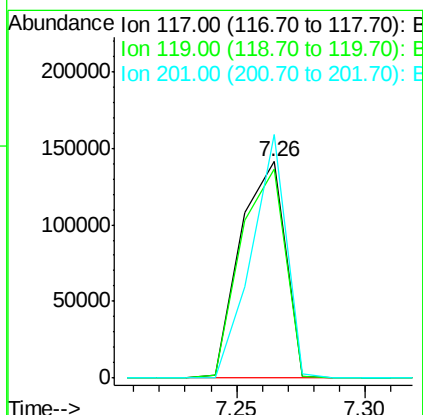
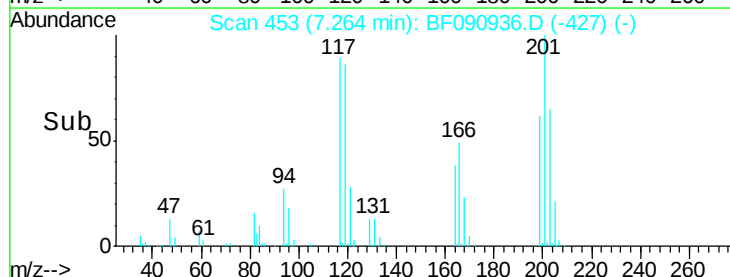
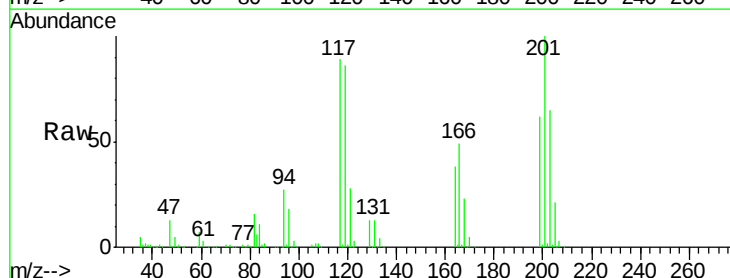
Manual Integrations
APPROVED

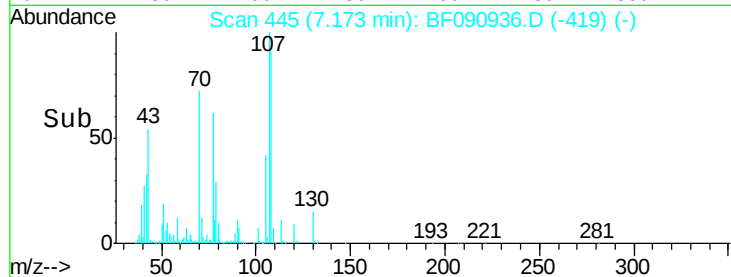
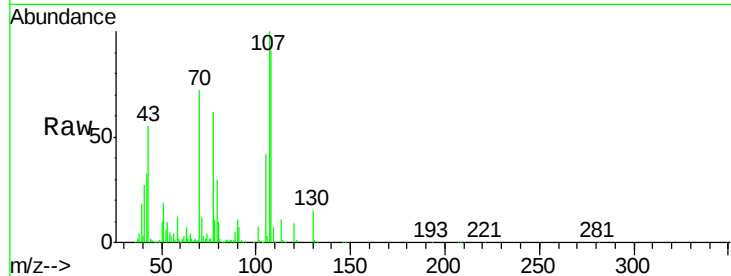
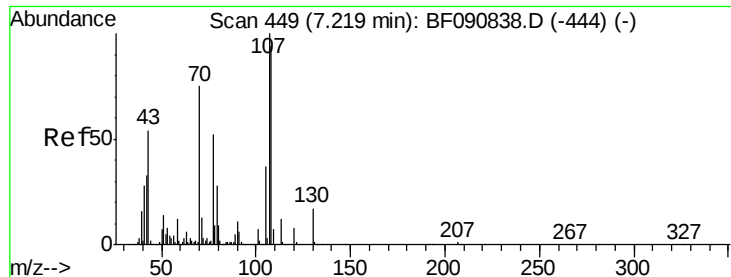
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#18
Hexachloroethane
Concen: 46.78 ng m
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	173197		
119	96.3	83.8	125.6	
201	112.5	55.1	82.7#	





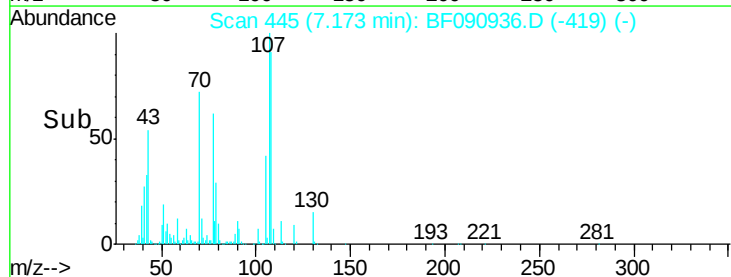
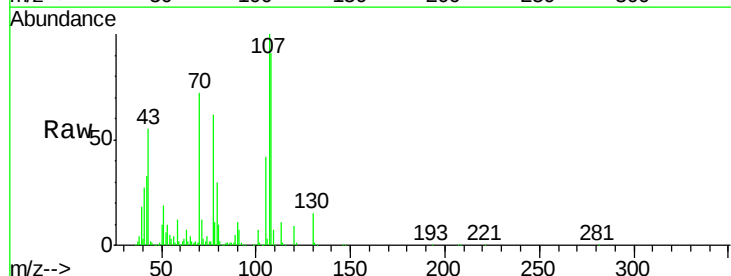
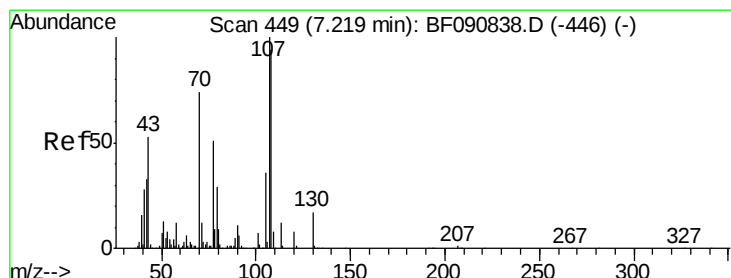
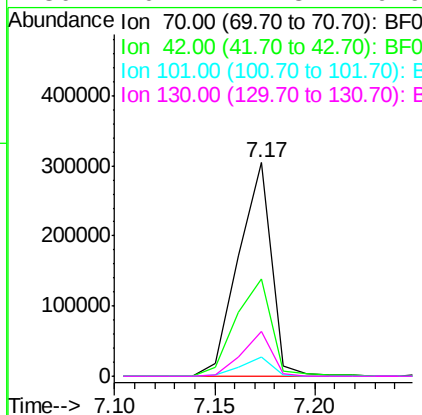
#19
n-Nitroso-di-n-propylamine
Concen: 59.28 ng m
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.7	63.8	95.6#
101	9.1	9.2	13.8#
130	20.7	27.3	40.9#

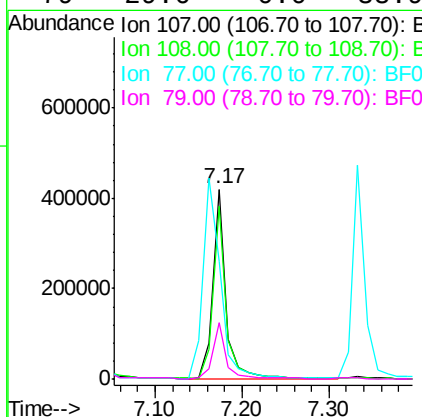
Manual Integrations
APPROVED

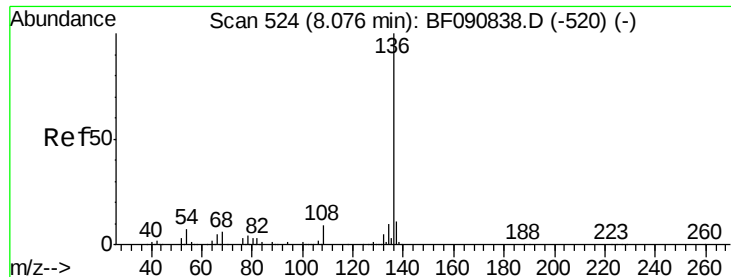
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#20
3+4-Methylphenols
Concen: 53.43 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	74.6	114.6
77	62.3	0.7	40.7#
79	29.6	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

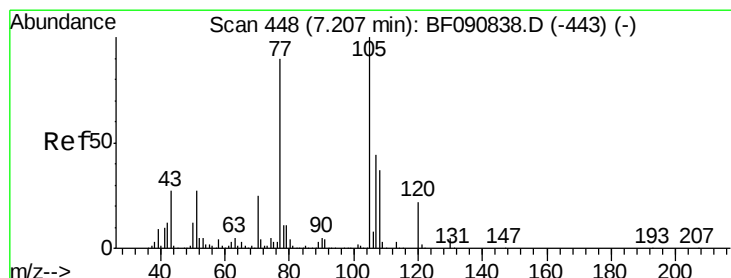
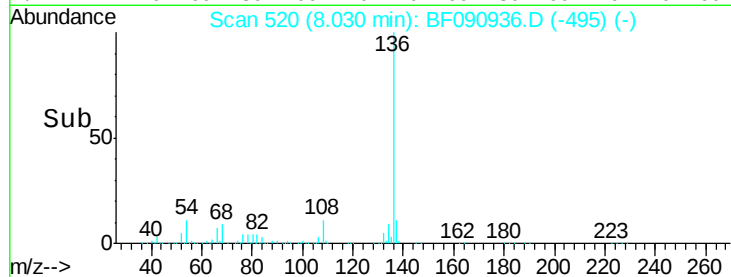
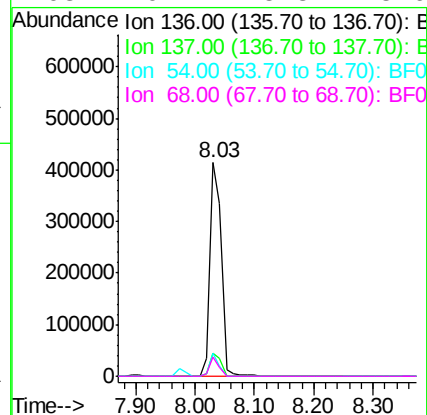
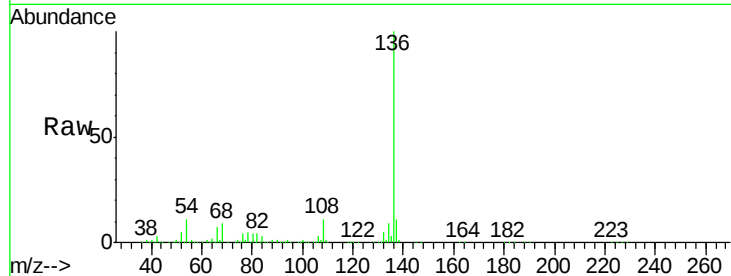
ClientSampleId :

SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	560267		
137	11.0	9.0	13.6	
54	10.6	8.2	12.2	
68	9.1	5.8	8.6	

Manual Integrations
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#22

Acetophenone

Concen: 51.04 ng

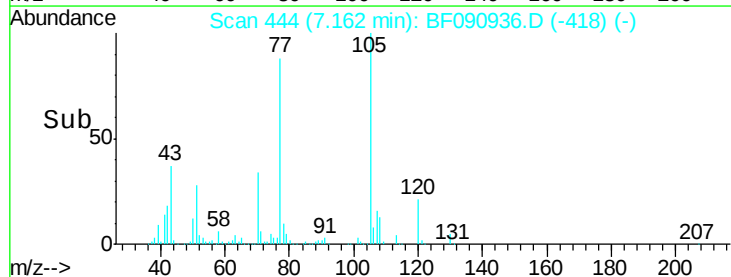
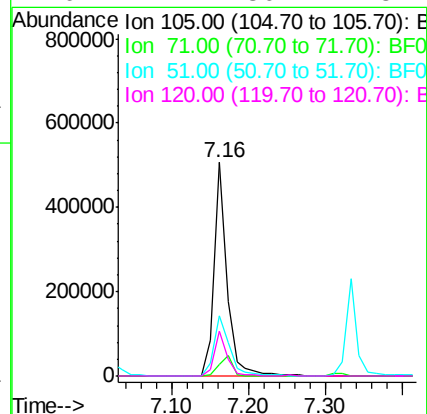
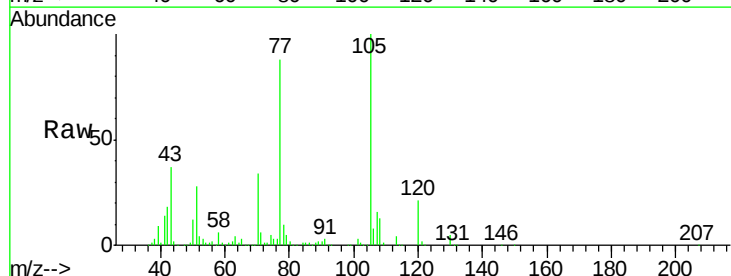
RT: 7.16 min Scan# 444

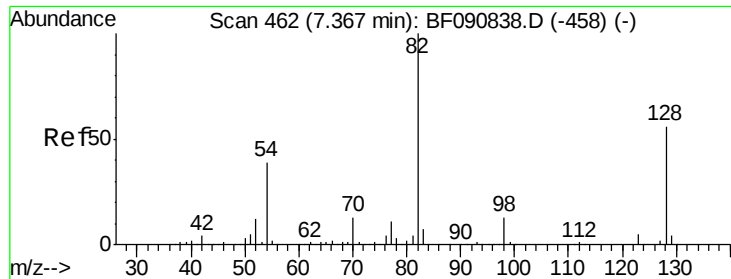
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588293		
71	5.7	4.7	7.1	
51	28.0	22.0	33.0	
120	21.1	30.1	45.1	





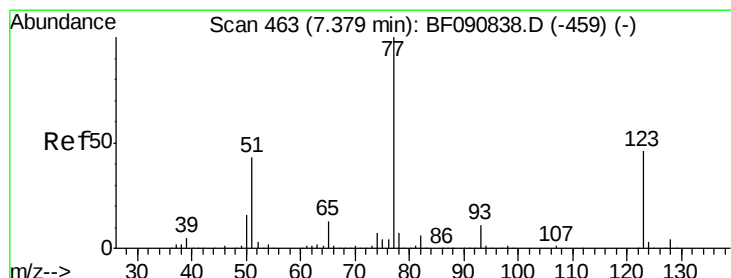
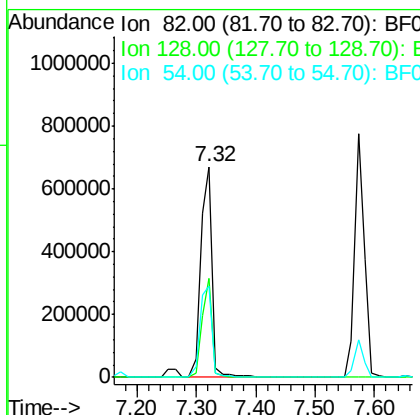
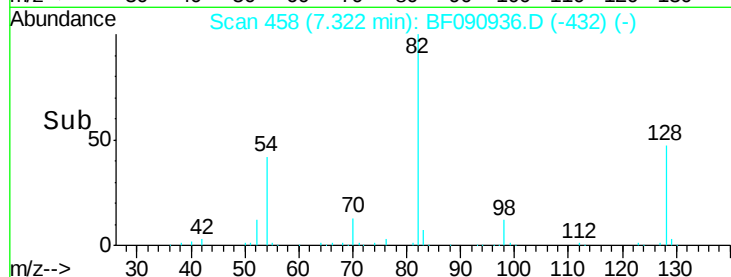
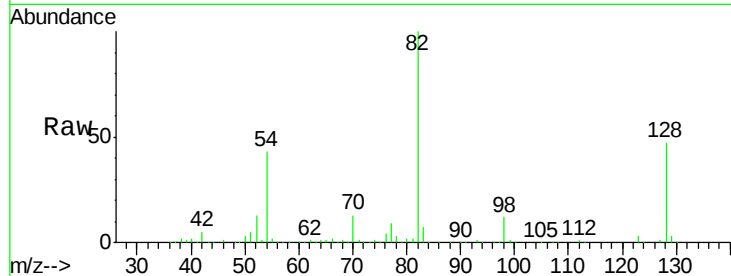
#23
 Nitrobenzene-d5
 Concen: 106.86 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion: 82 Resp: 914530
 Ion Ratio Lower Upper
 82 100
 128 47.1 51.0 76.6#
 54 43.2 47.5 71.3#

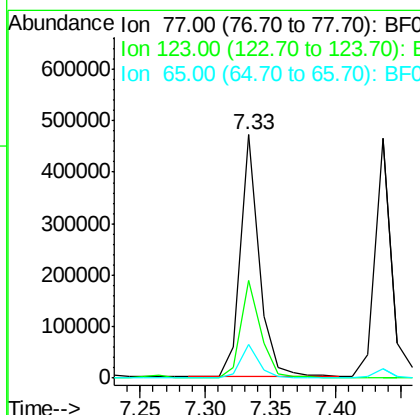
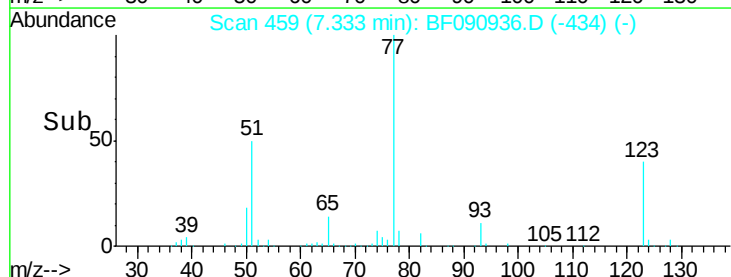
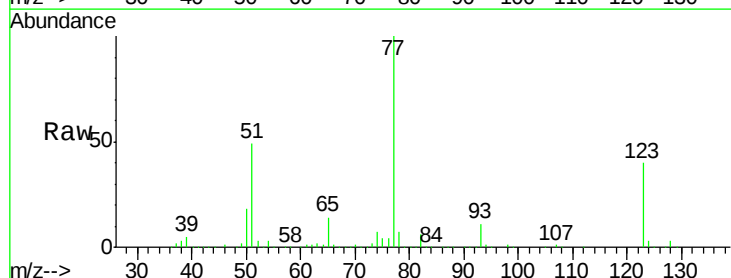
Manual Integrations
 APPROVED

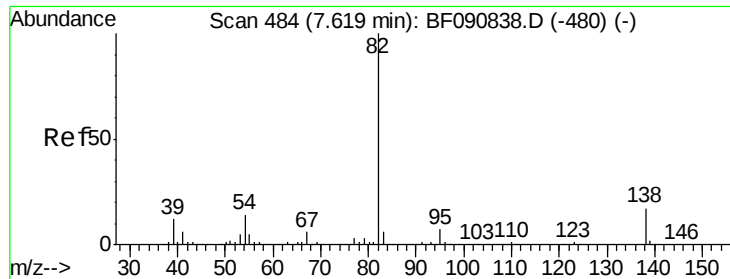
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#24
 Nitrobenzene
 Concen: 51.69 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion: 77 Resp: 467886
 Ion Ratio Lower Upper
 77 100
 123 40.2 59.8 89.8#
 65 13.6 10.2 15.4





#25

Isophorone

Concen: 50.59 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-4(12-14)MS

Tgt Ion: 82 Resp: 878746
Ion Ratio Lower Upper

82 100

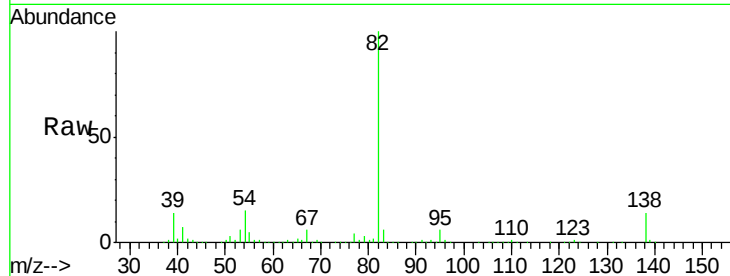
95 6.2 4.0 6.0#

138 14.4 18.3 27.5#

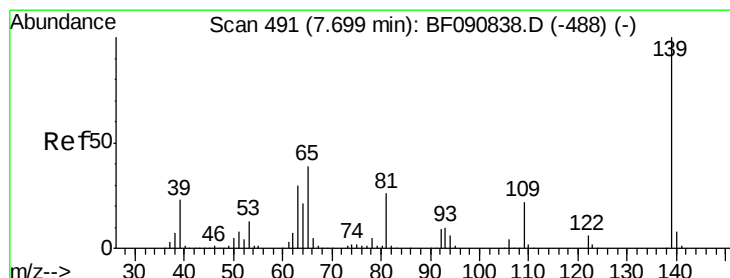
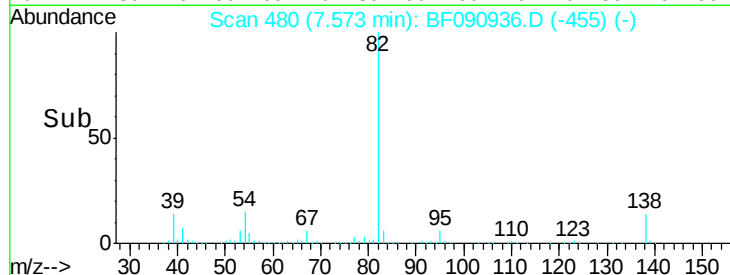
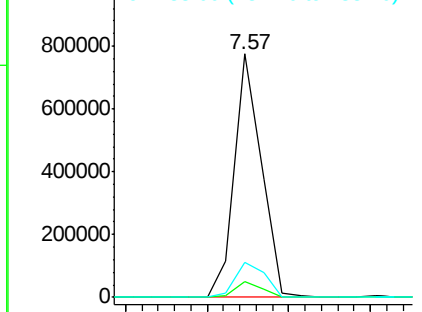
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.99 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090936.D

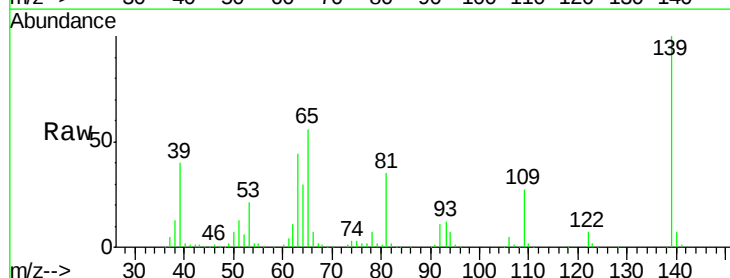
Acq: 31 Oct 2016 18:55

Tgt Ion: 139 Resp: 227864
Ion Ratio Lower Upper

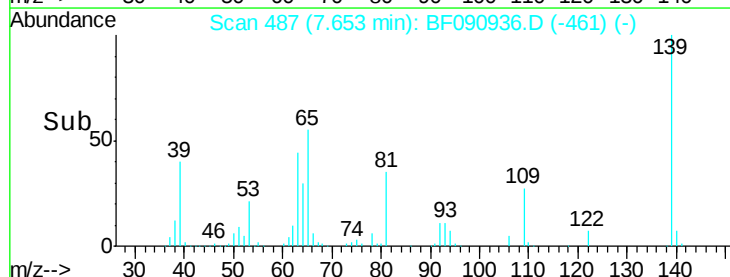
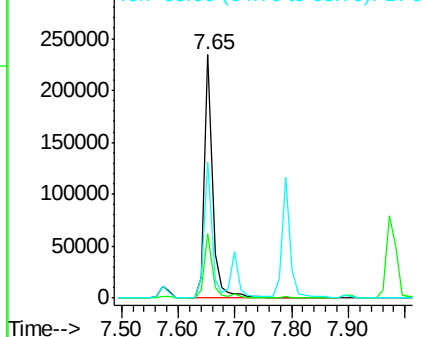
139 100

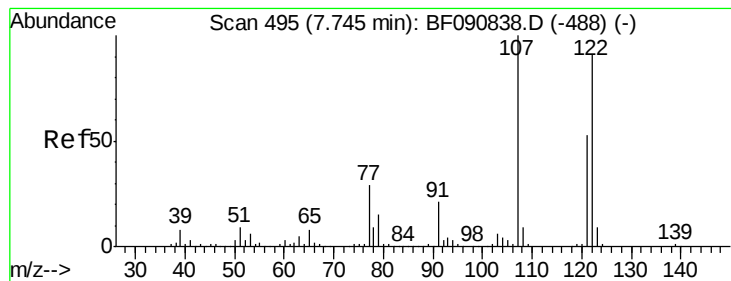
109 26.6 11.0 16.4#

65 56.0 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 48.34 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

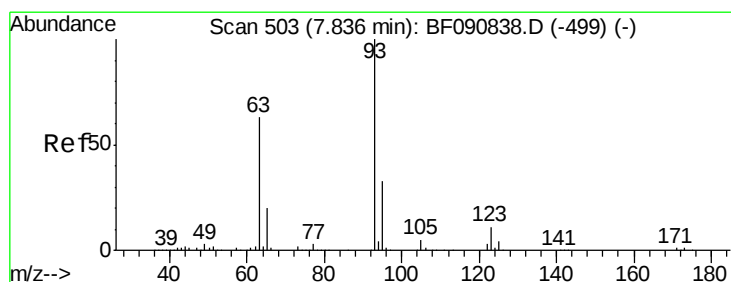
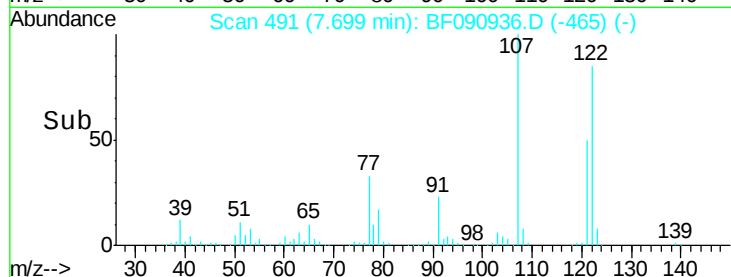
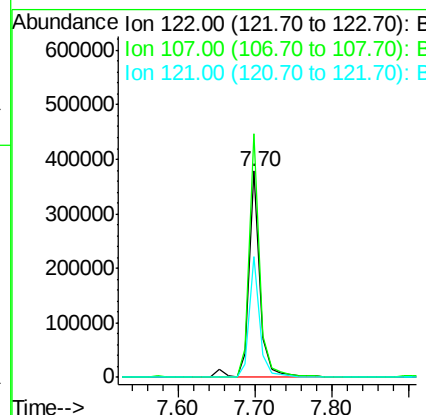
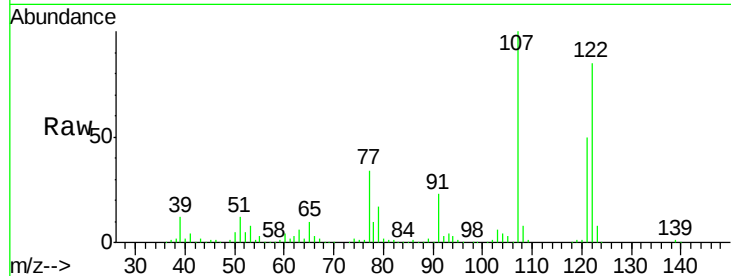
ClientSampleId :

SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	379571		
107	118.3	71.8	107.6#	
121	58.9	42.3	63.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 53.24 ng

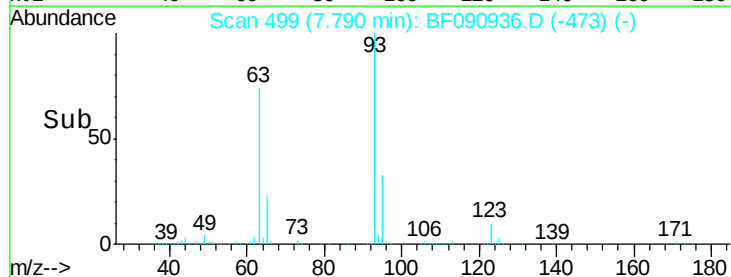
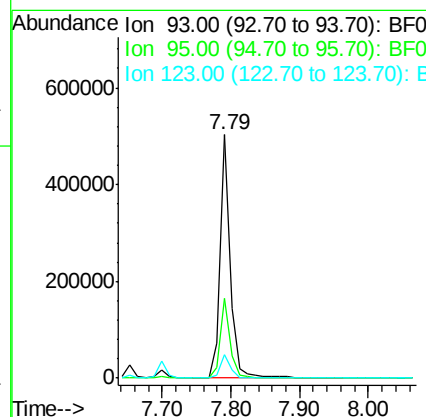
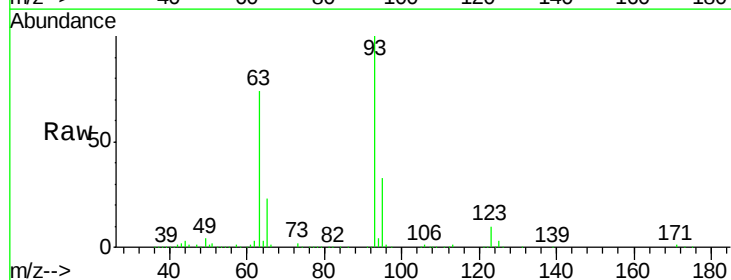
RT: 7.79 min Scan# 499

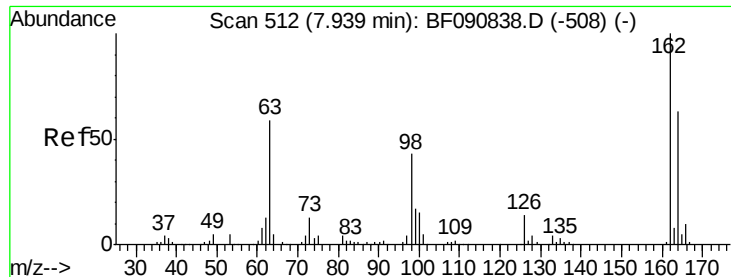
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	525846		
95	32.7	27.5	41.3	
123	9.8	13.7	20.5#	





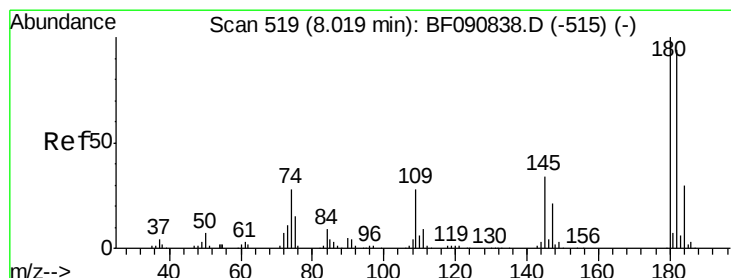
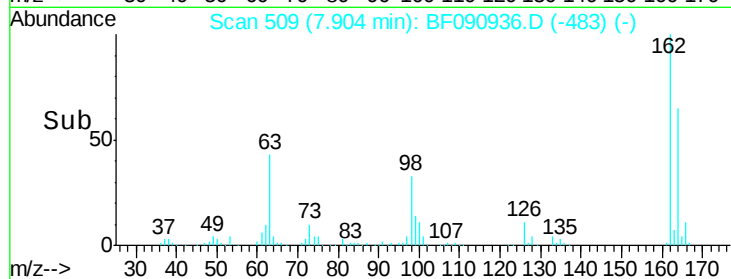
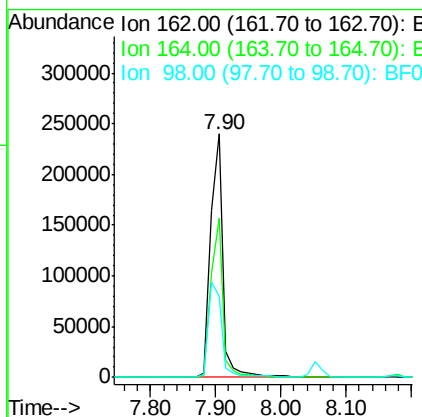
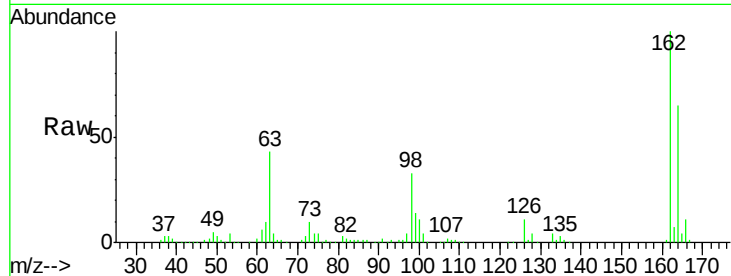
#29
 2,4-Dichlorophenol
 Concen: 43.99 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	319773		
164	65.4	44.9	84.9	
98	33.2	13.0	53.0	

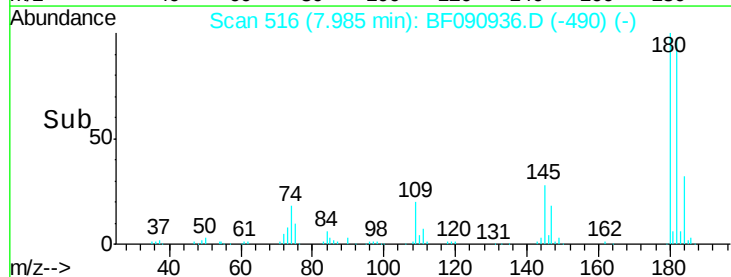
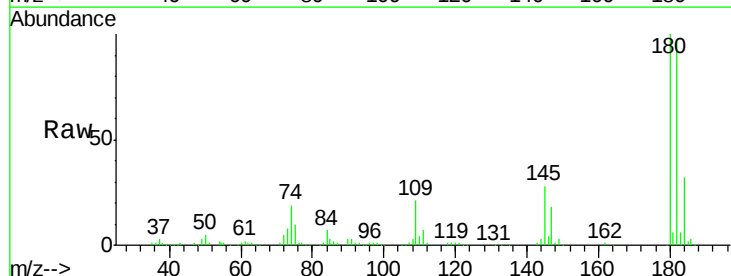
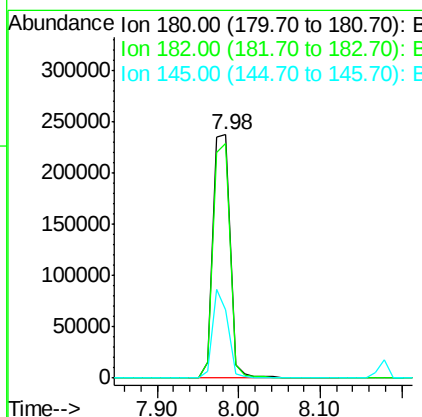
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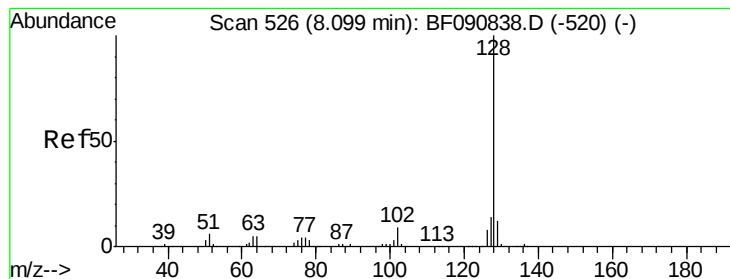
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.81 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	351205		
182	96.6	77.1	115.7	
145	28.0	23.3	34.9	





#31

Naphthalene

Concen: 45.08 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-4(12-14)MS

Tgt Ion:128 Resp: 1180594

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

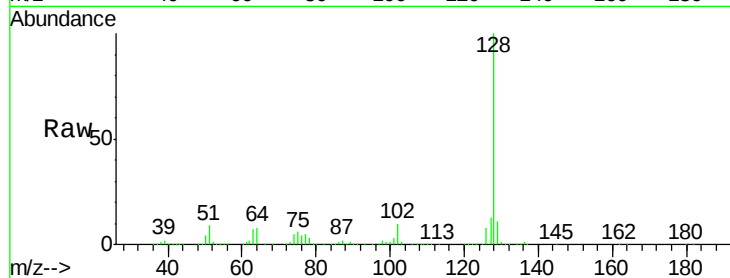
127 13.3 9.9 14.9

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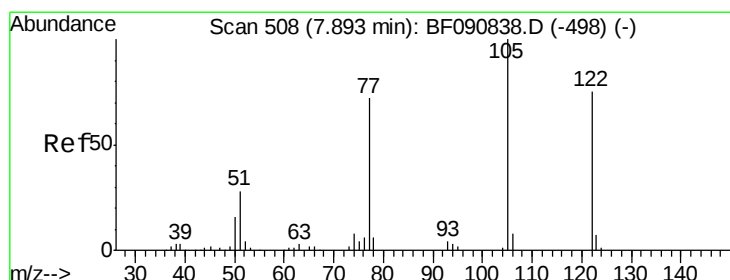
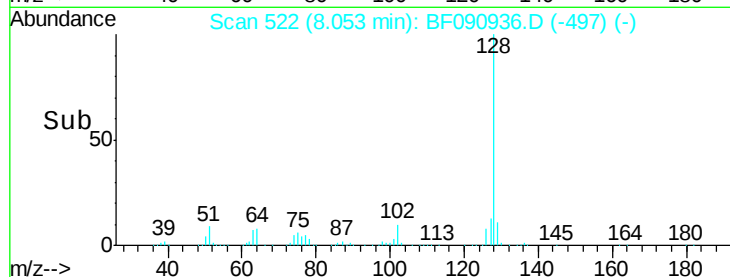
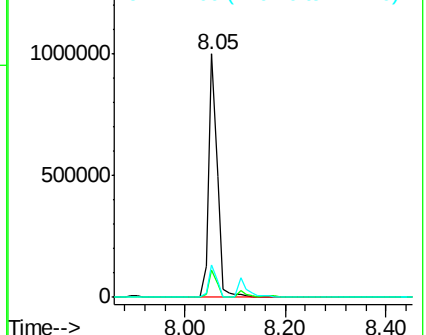
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 66.59 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.14 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

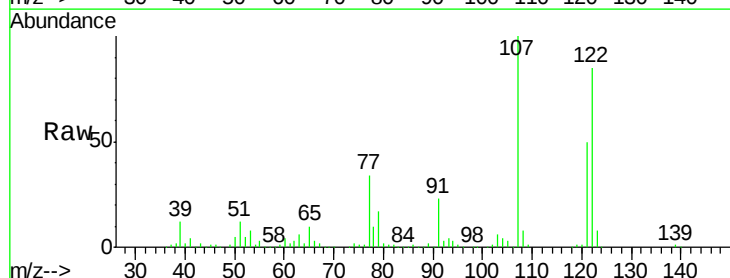
Tgt Ion:122 Resp: 379571

Ion Ratio Lower Upper

122 100

105 3.7 76.1 116.1#

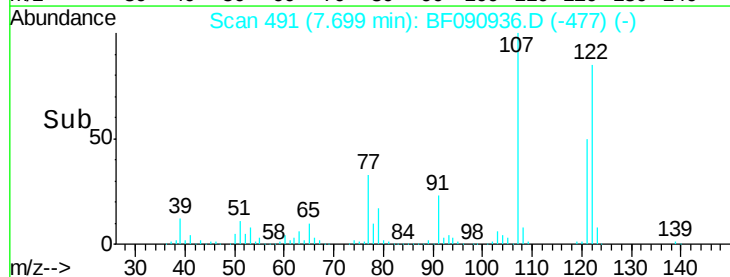
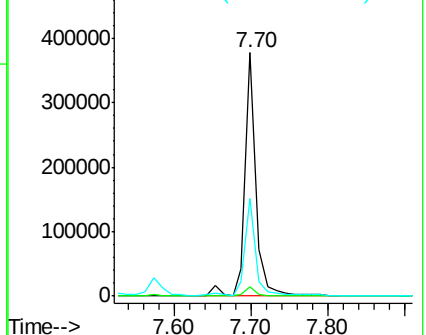
77 40.2 40.5 80.5#

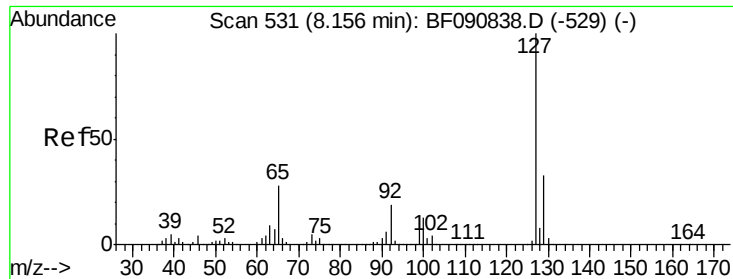


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





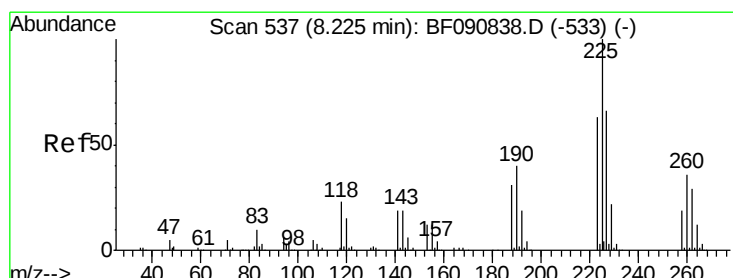
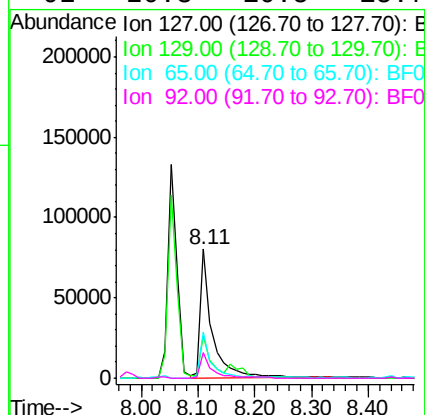
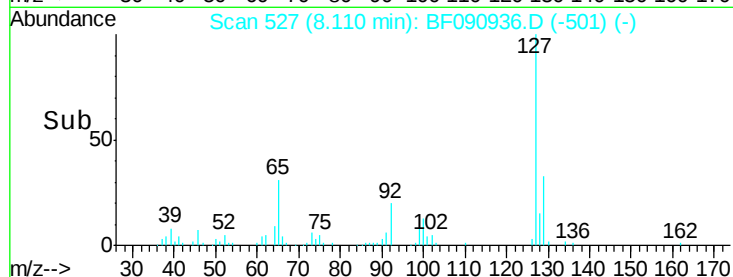
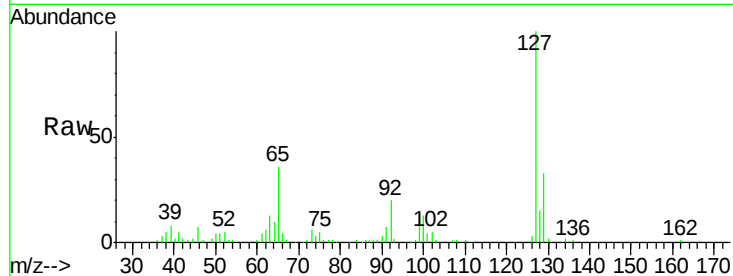
#33
4-Chloroaniline
Concen: 10.95 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	115825		
129	32.7	25.8	38.6	
65	36.2	17.9	26.9	
92	20.3	10.5	15.7	

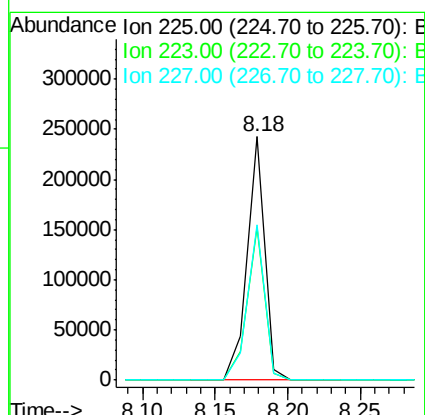
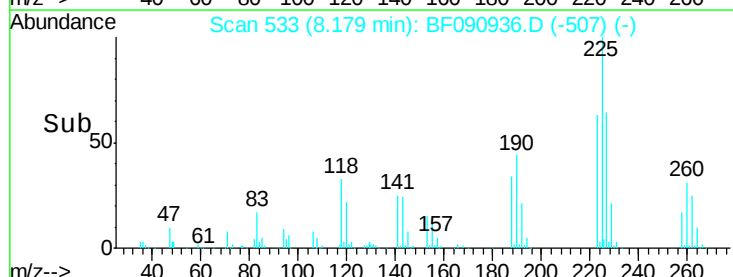
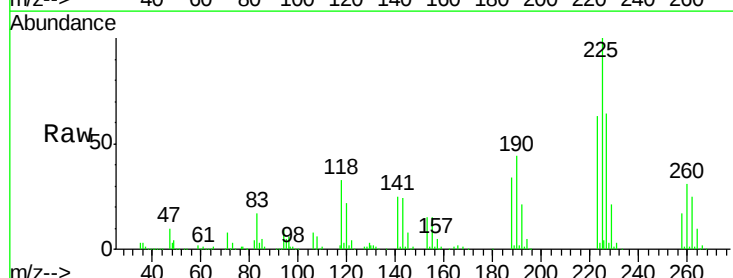
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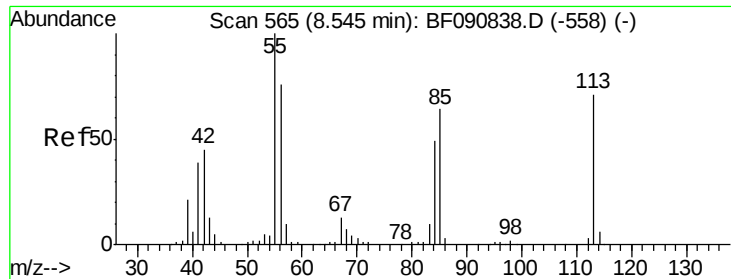
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#34
Hexachlorobutadiene
Concen: 41.45 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	204756		
223	63.0	50.2	75.2	
227	63.8	52.2	78.2	





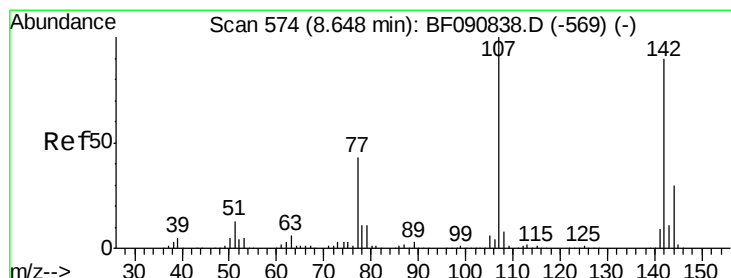
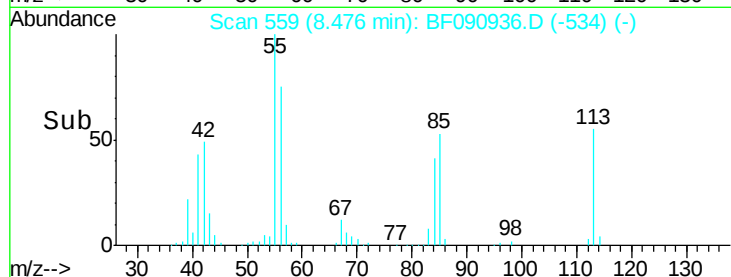
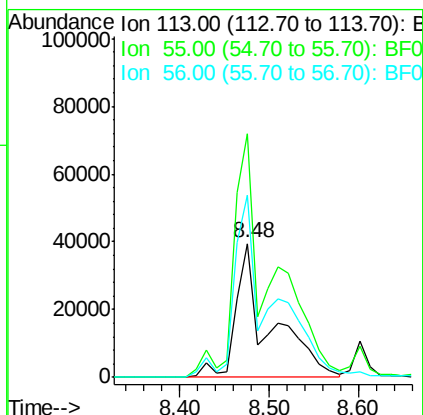
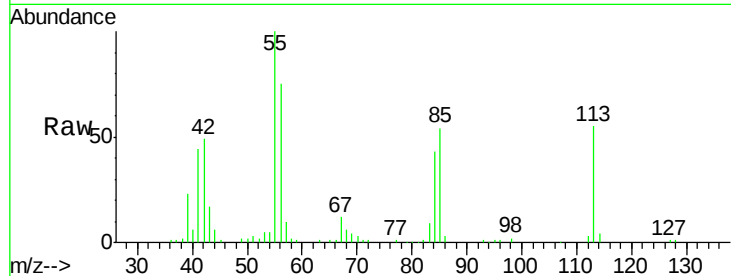
#35
 Caprolactam
 Concen: 46.12 ng m
 RT: 8.48 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion:113 Resp: 104074
 Ion Ratio Lower Upper
 113 100
 55 182.3 152.4 192.4
 56 136.4 104.6 144.6

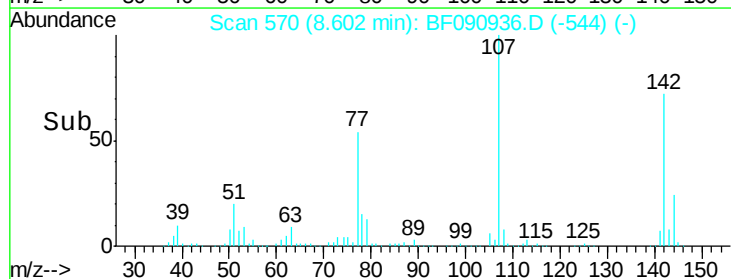
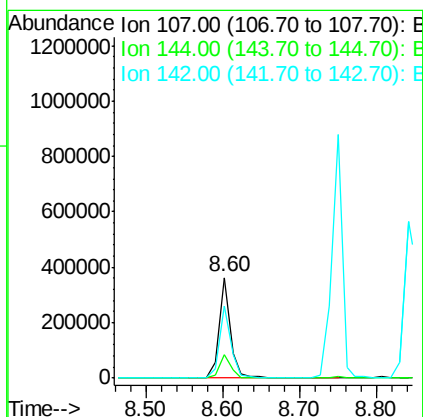
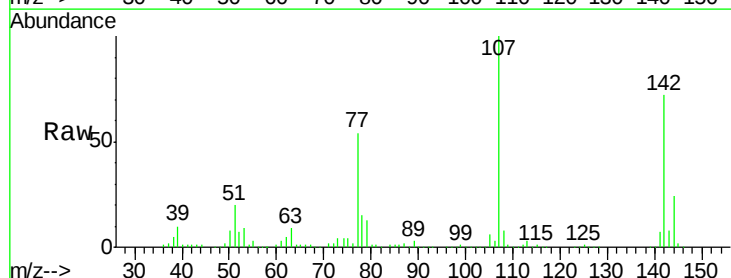
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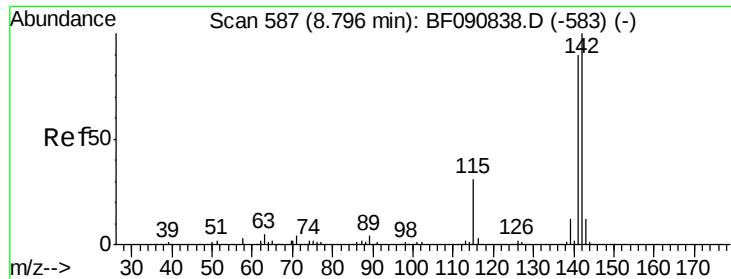
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#36
 4-Chloro-3-methylphenol
 Concen: 47.70 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion:107 Resp: 377094
 Ion Ratio Lower Upper
 107 100
 144 23.6 25.4 38.0#
 142 71.9 77.3 115.9#





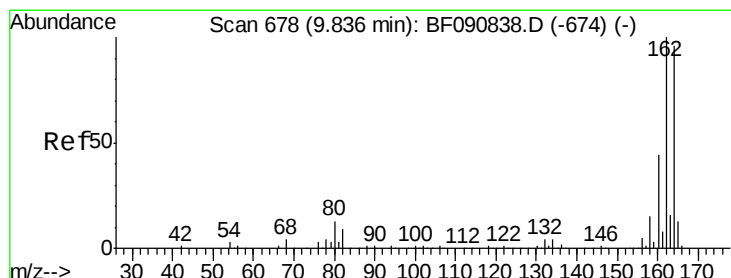
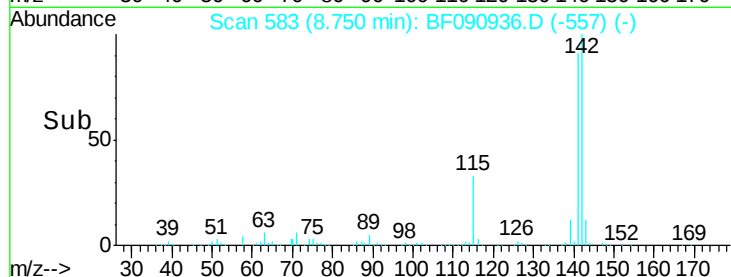
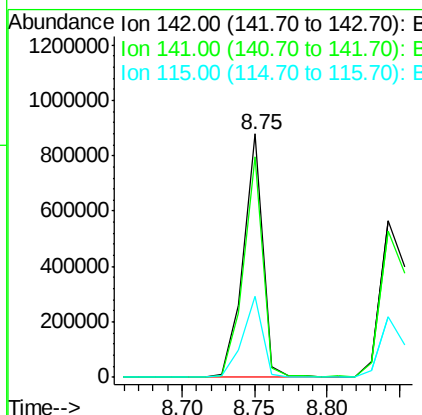
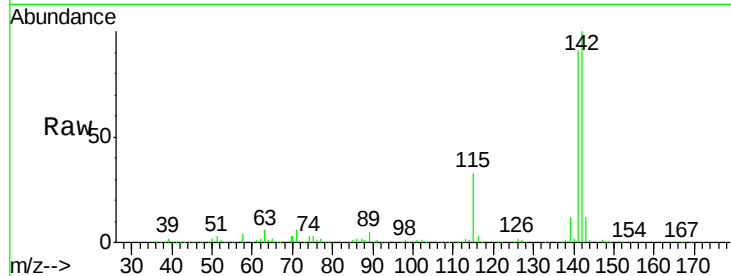
#37
2-Methylnaphthalene
Concen: 48.79 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	67.5	101.3
115	33.2	18.2	27.2

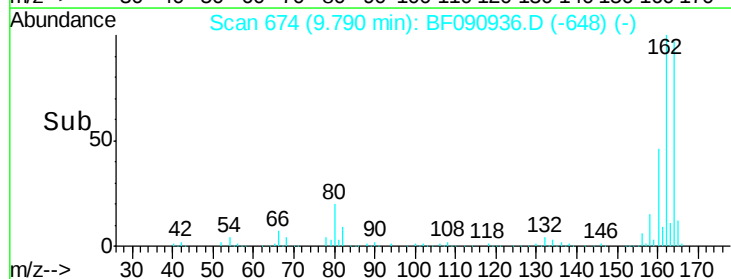
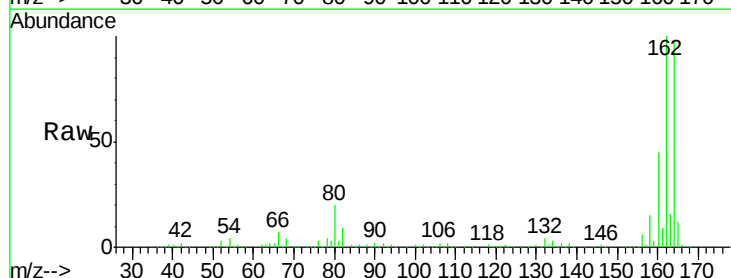
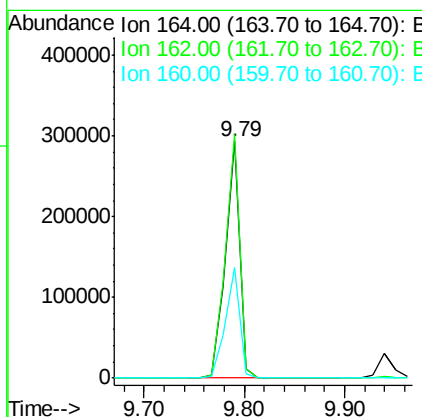
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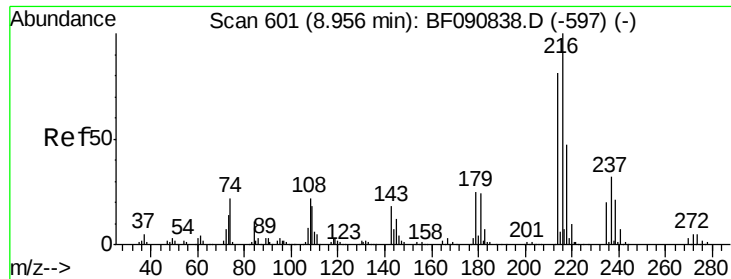
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	75.2	112.8
160	46.8	31.5	47.3





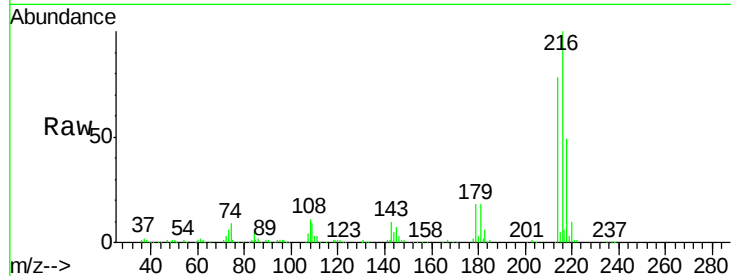
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.80 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

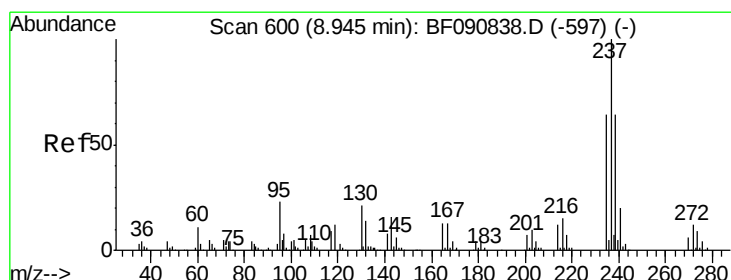
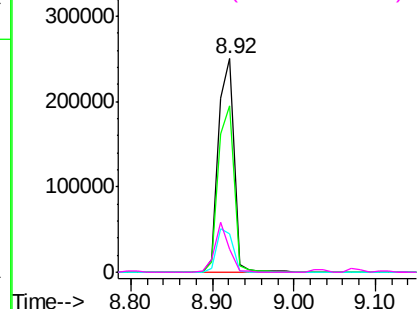
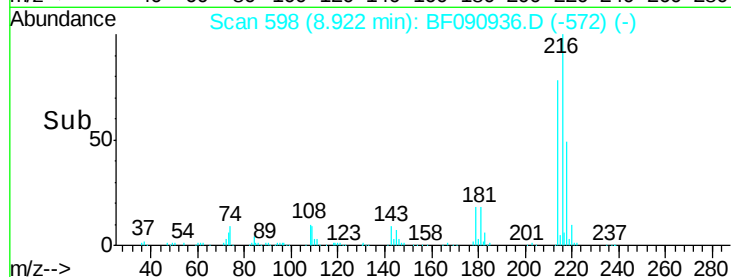
Tgt Ion:	216	Resp:	334754
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.5	95.3
179	21.6	16.6	24.8
108	22.3	16.3	24.5

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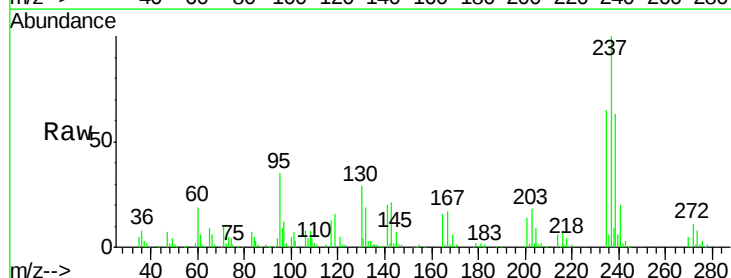


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

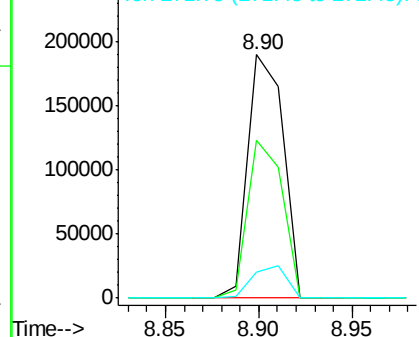
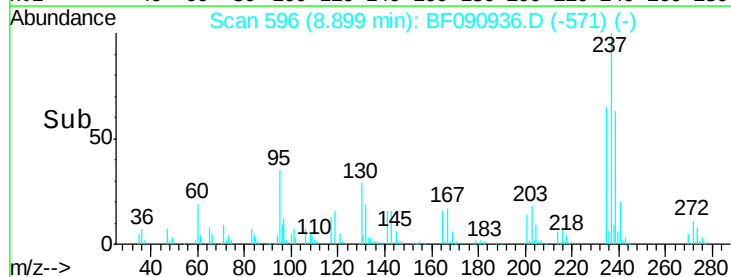


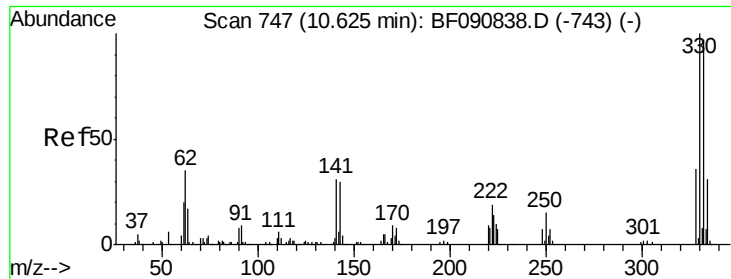
#40
 Hexachlorocyclopentadiene
 Concen: 67.93 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion:	237	Resp:	250301
Ion Ratio	Lower	Upper	
237	100		
235	64.8	42.0	82.0
272	10.9	0.0	36.1



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





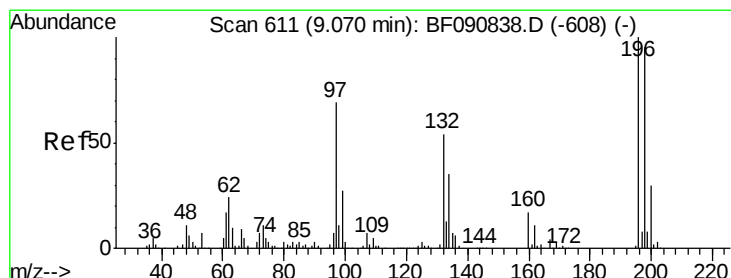
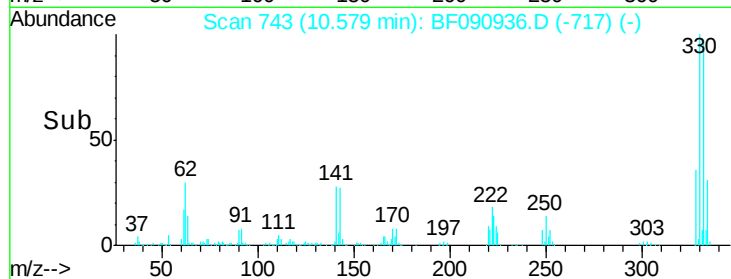
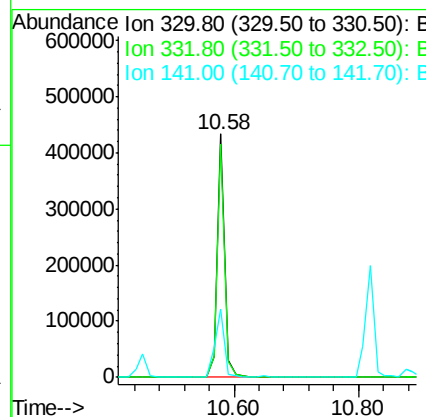
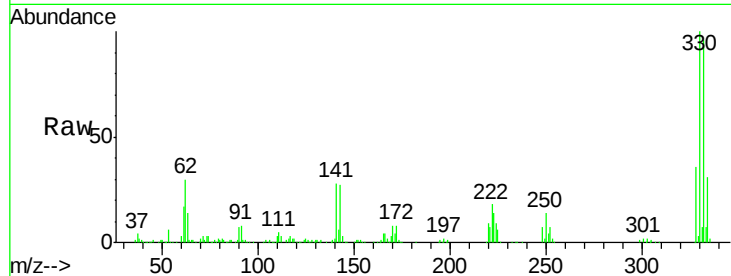
#41
 2,4,6-Tribromophenol
 Concen: 118.94 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	356833		
332	95.9	76.6	114.8	
141	35.2	29.7	44.5	

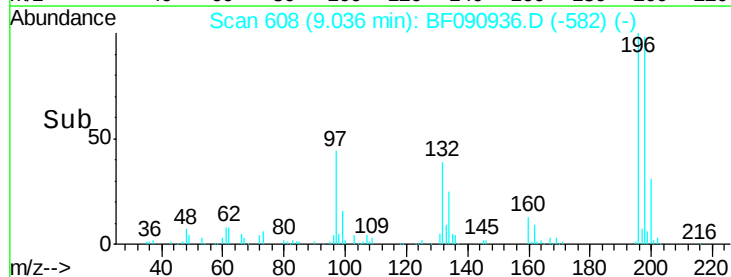
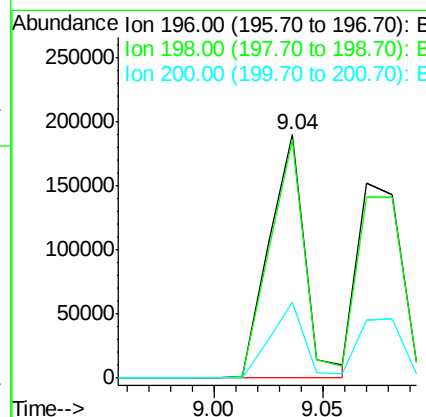
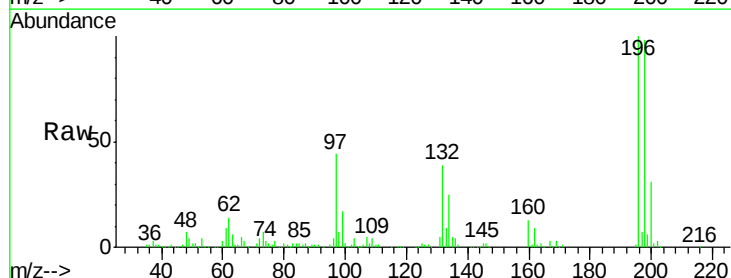
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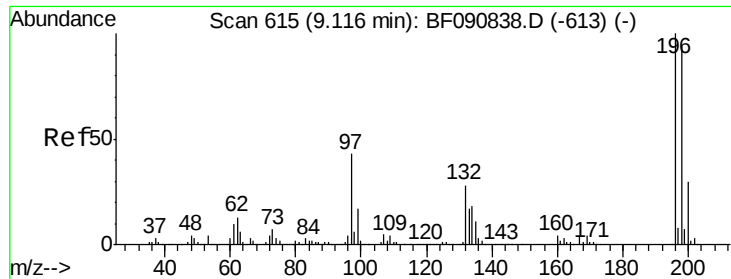
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#42
 2,4,6-Trichlorophenol
 Concen: 42.34 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

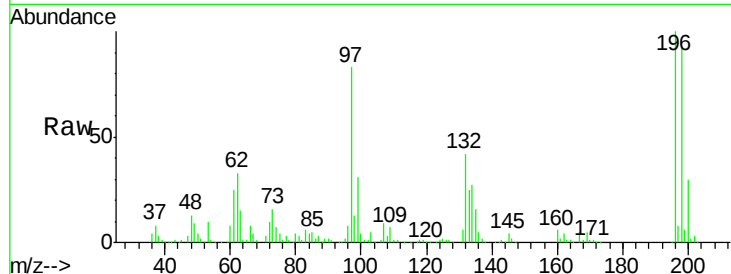
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218913		
198	97.8	75.7	113.5	
200	31.4	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 42.14 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

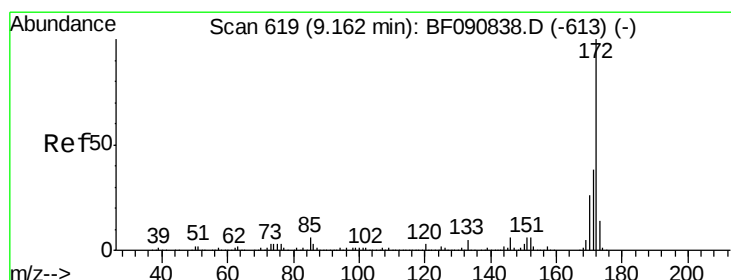
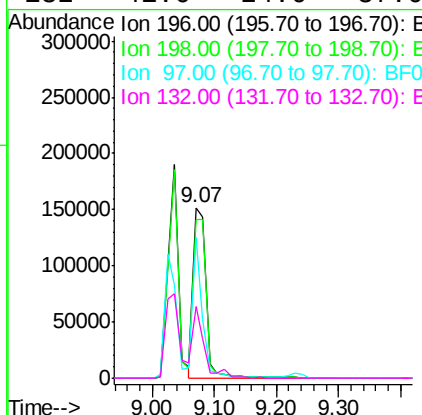
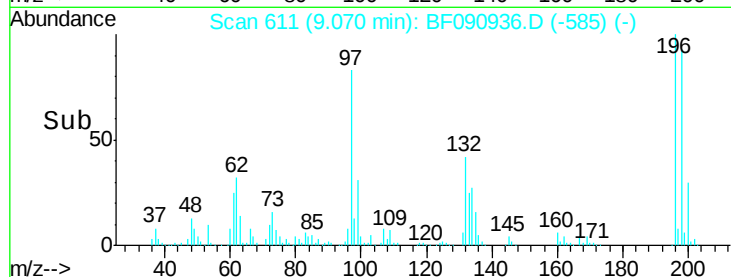
Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224387		
198	93.0	75.4	113.0	
97	82.7	33.3	49.9	
132	41.6	24.6	37.0	

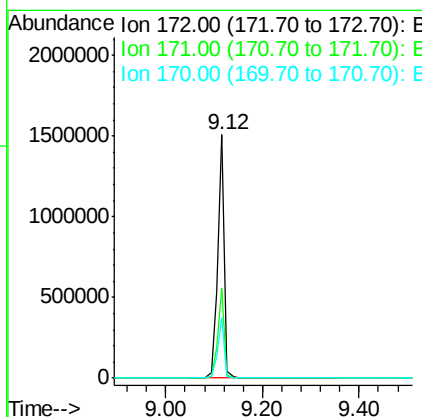
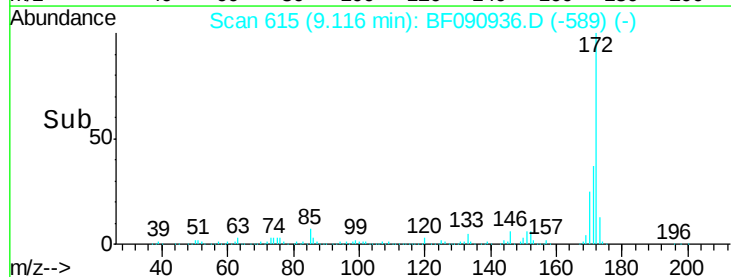
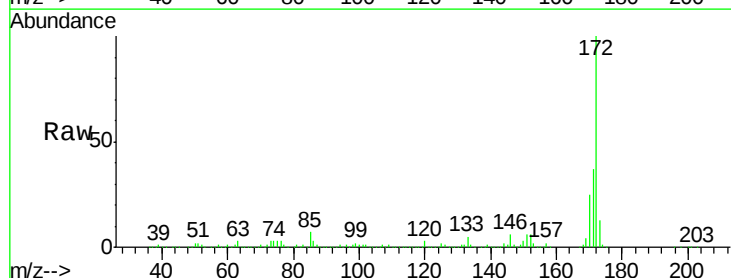
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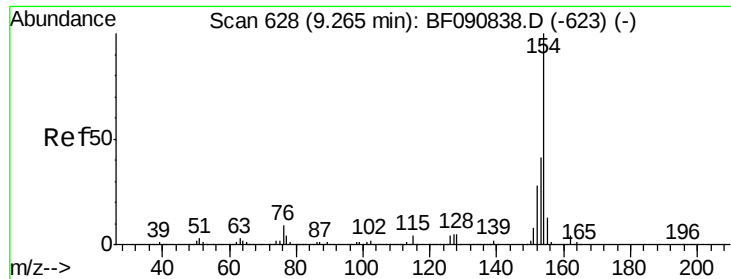
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#44
 2-Fluorobiphenyl
 Concen: 88.61 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1473149		
171	36.9	26.1	39.1	
170	24.8	17.4	26.2	





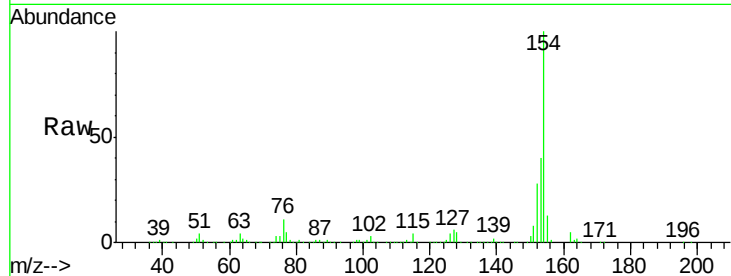
#45
1,1'-Biphenyl
Concen: 44.64 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

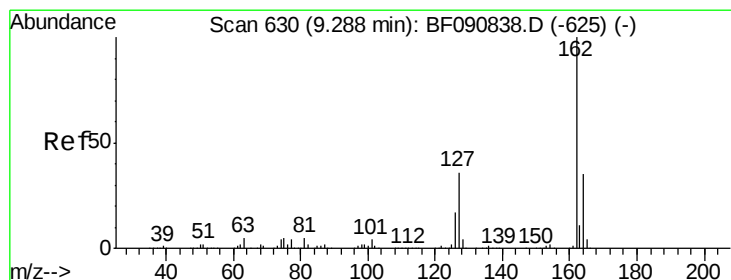
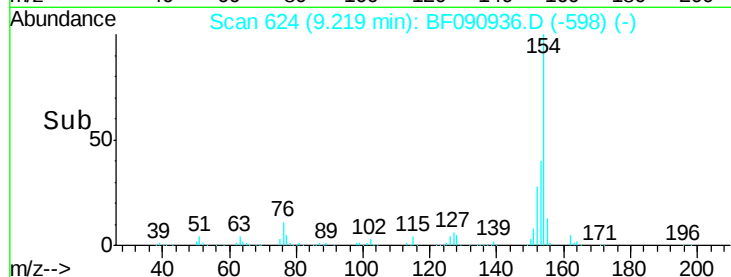
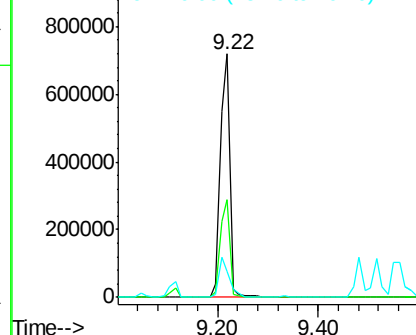
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	938780		
153	39.9	17.1	57.1	
76	10.7	0.0	31.6	

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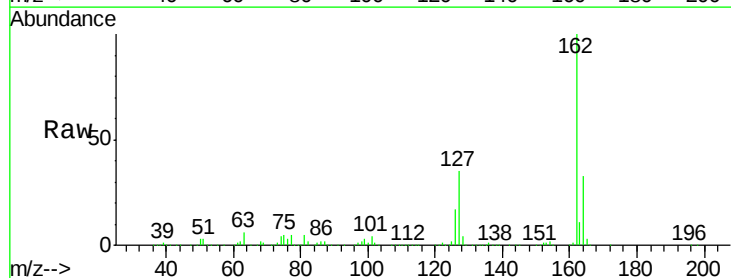


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

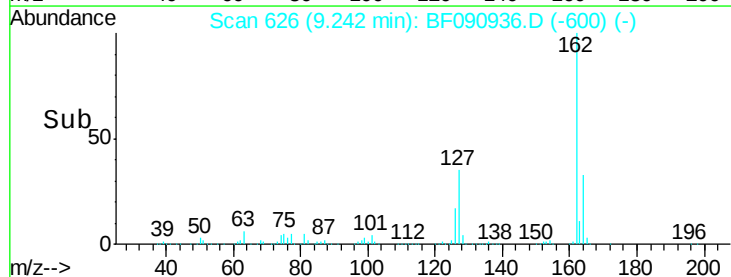
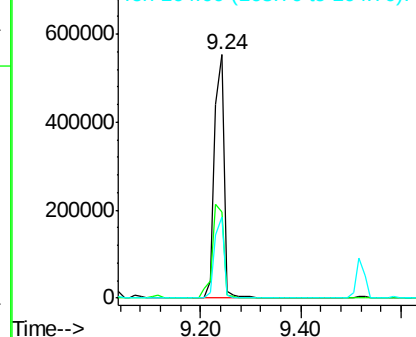


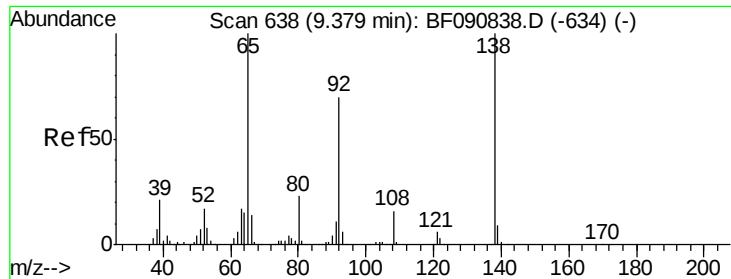
#46
2-Chloronaphthalene
Concen: 46.25 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	739811		
127	35.4	27.6	41.4	
164	33.2	25.4	38.2	



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





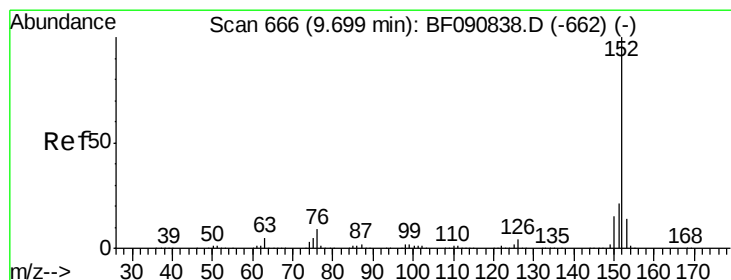
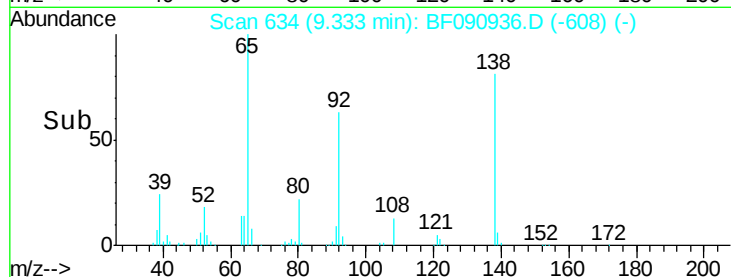
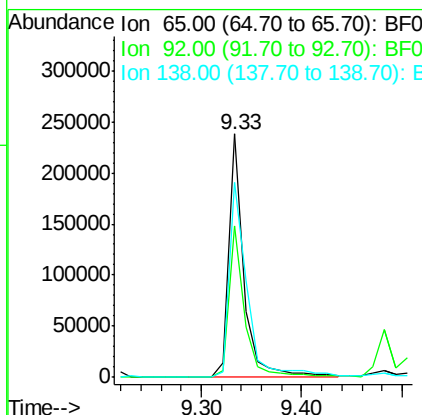
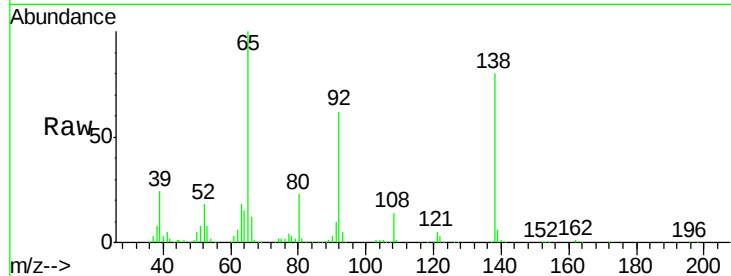
#47
2-Nitroaniline
Concen: 55.55 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion: 65 Resp: 250740
Ion Ratio Lower Upper
65 100
92 62.3 55.4 83.0
138 80.3 115.5 173.3#

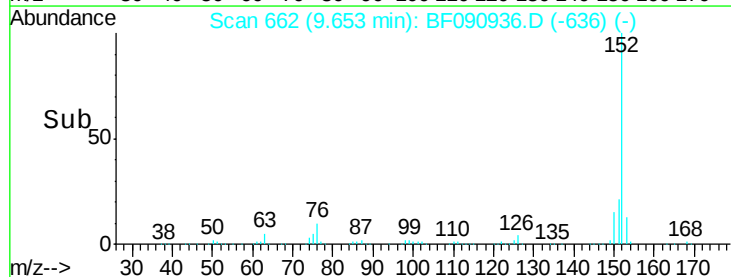
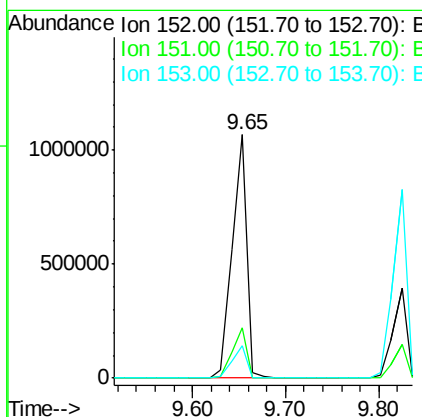
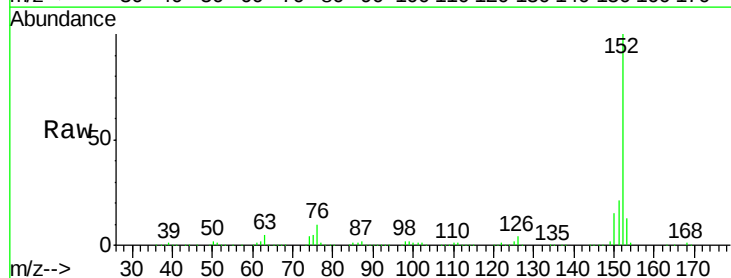
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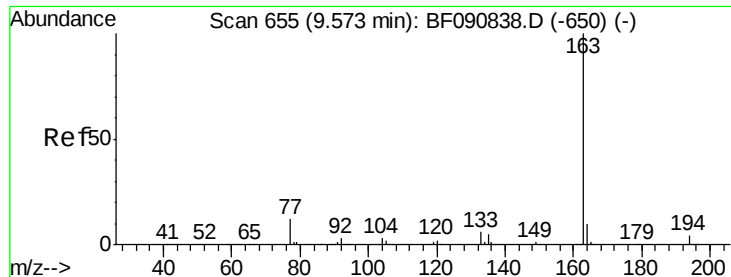
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#48
Acenaphthylene
Concen: 48.23 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion: 152 Resp: 1168062
Ion Ratio Lower Upper
152 100
151 20.7 14.6 22.0
153 13.2 10.3 15.5





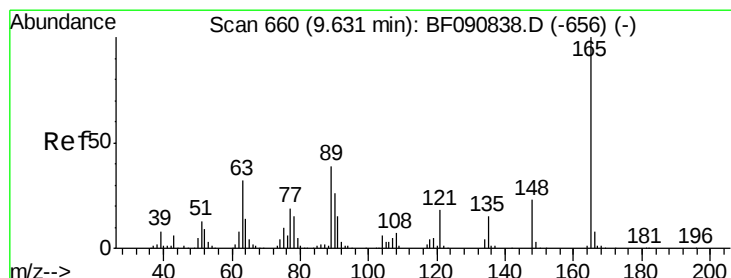
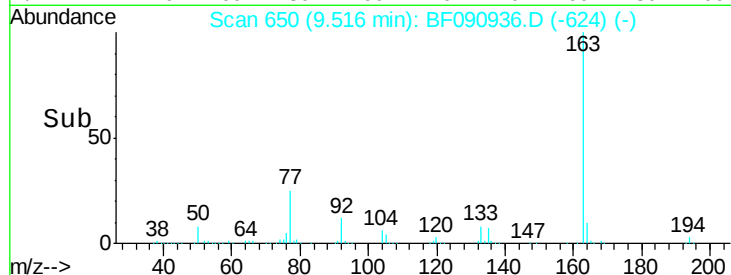
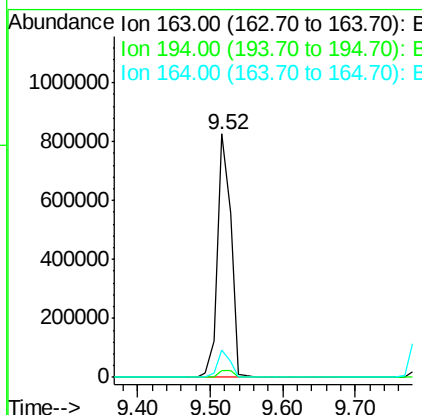
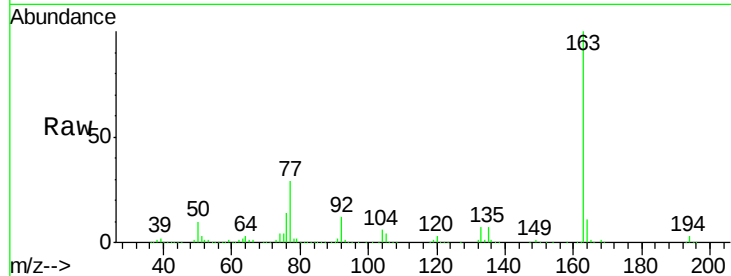
#49
Dimethylphthalate
Concen: 54.31 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion:163 Resp: 1059243
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 11.0 8.3 12.5

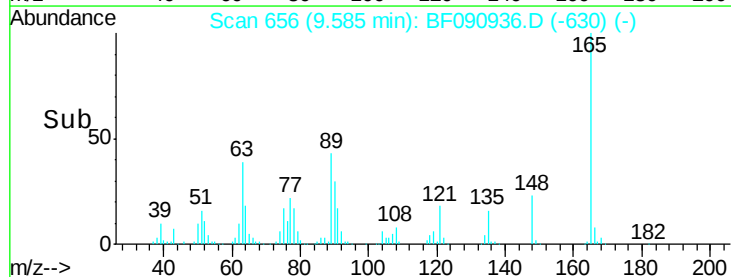
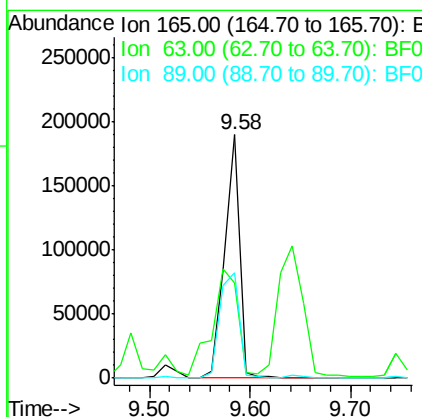
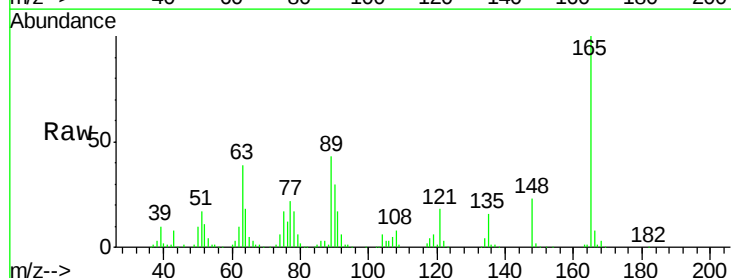
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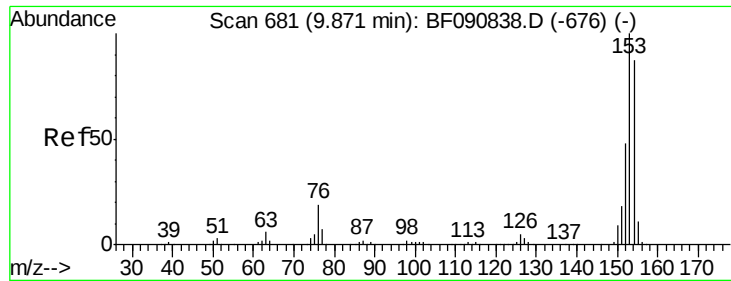
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#50
2,6-Dinitrotoluene
Concen: 45.86 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion:165 Resp: 197571
Ion Ratio Lower Upper
165 100
63 39.3 32.3 48.5
89 43.3 28.6 43.0#





#51

Acenaphthene

Concen: 43.43 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

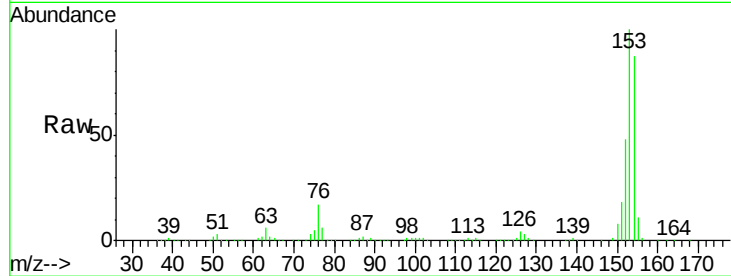
ClientSampleId :

SB-4(12-14)MS

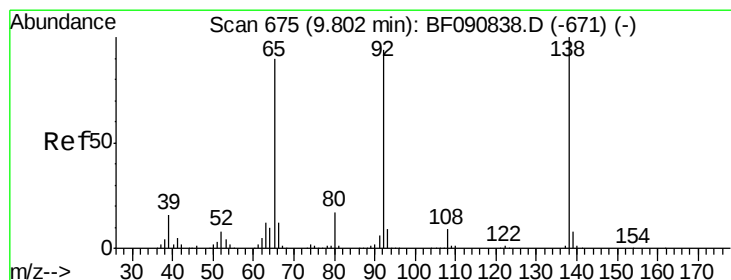
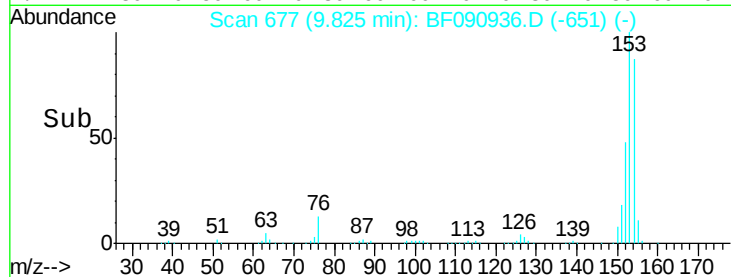
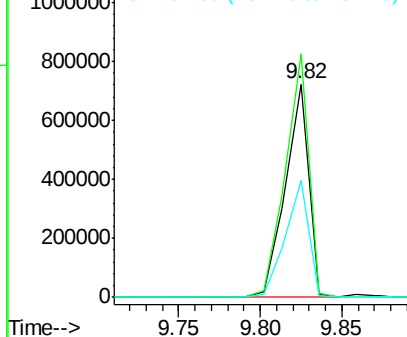
Tgt Ion:	154	Resp:	724508
Ion Ratio	Lower	Upper	
154	100		
153	114.4	82.1	123.1
152	54.7	37.9	56.9

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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: 22.18 ng

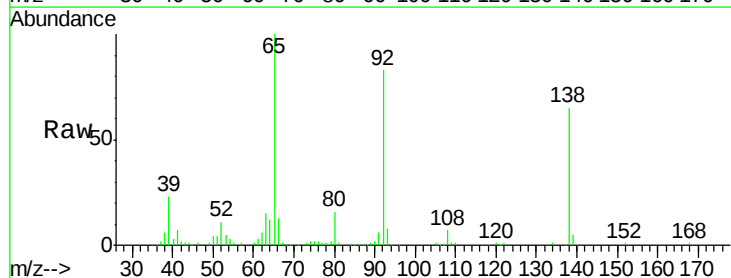
RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

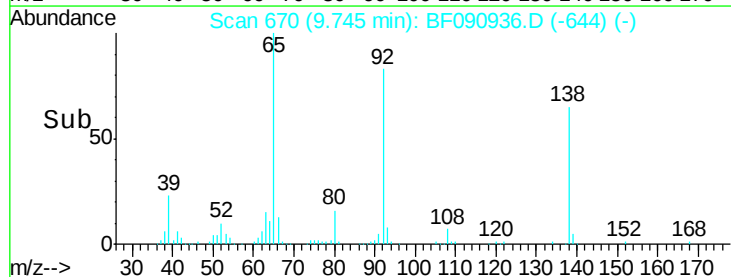
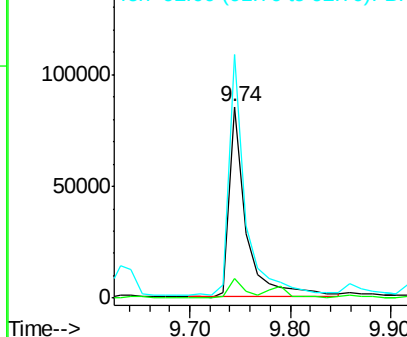
Lab File: BF090936.D

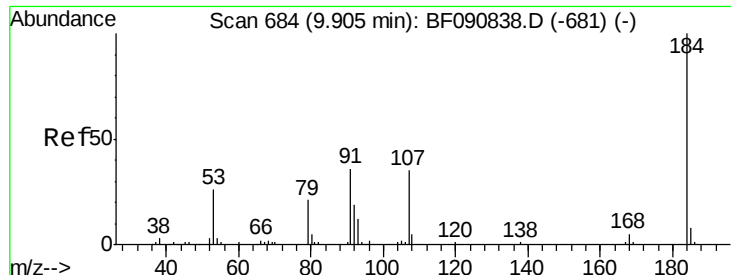
Acq: 31 Oct 2016 18:55

Tgt Ion:	138	Resp:	101708
Ion Ratio	Lower	Upper	
138	100		
108	10.5	5.7	8.5#
92	127.2	67.7	101.5#



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





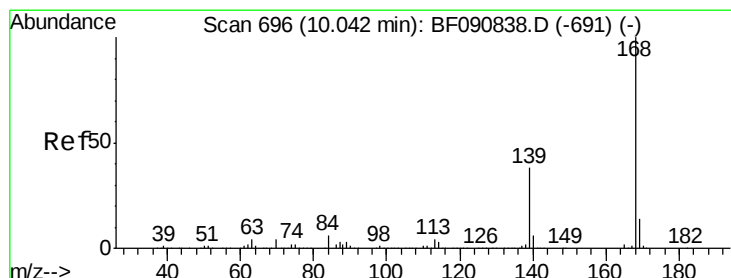
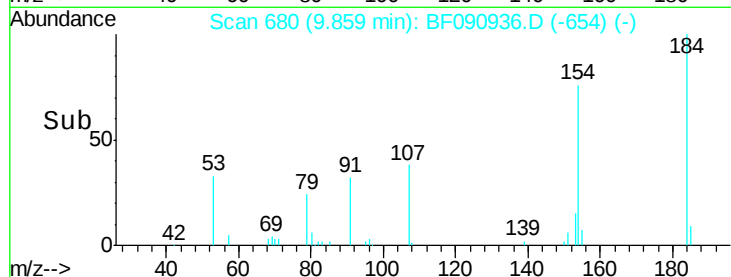
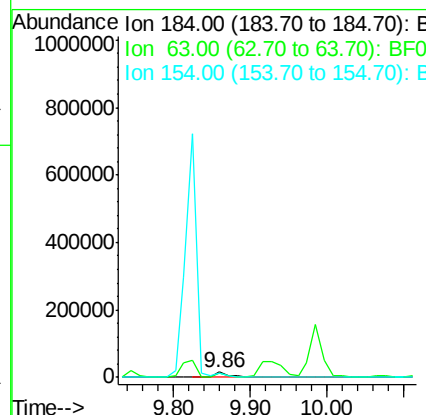
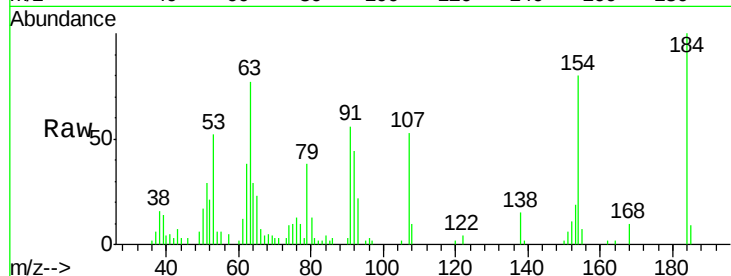
#53
 2,4-Dinitrophenol
 Concen: 10.62 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion:184 Resp: 24085
 Ion Ratio Lower Upper
 184 100
 63 76.7 35.4 53.2#
 154 79.5 32.2 48.4#

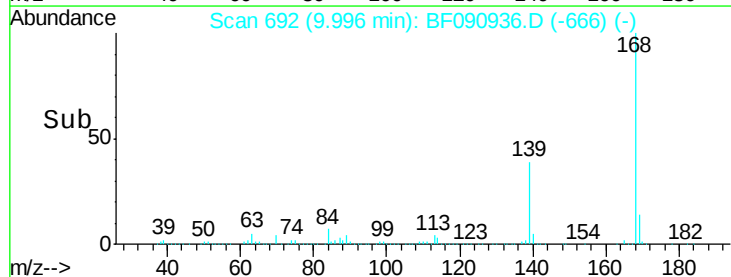
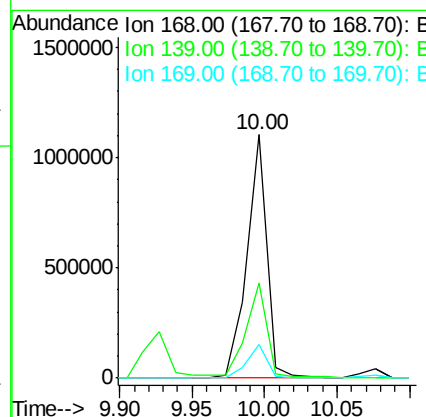
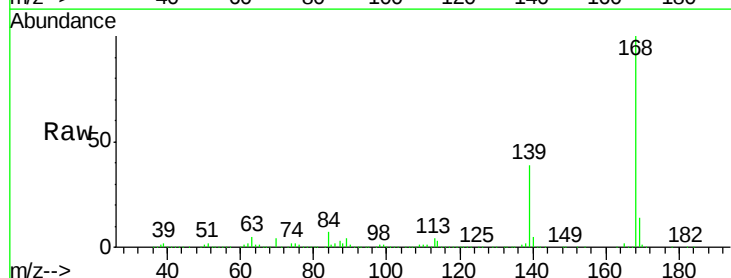
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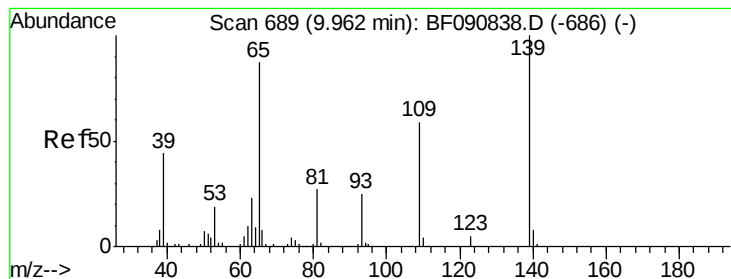
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#54
 Dibenzofuran
 Concen: 48.90 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion:168 Resp: 1052565
 Ion Ratio Lower Upper
 168 100
 139 39.0 24.2 36.2#
 169 13.7 10.6 15.8





#55

4-Nitrophenol

Concen: 93.46 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

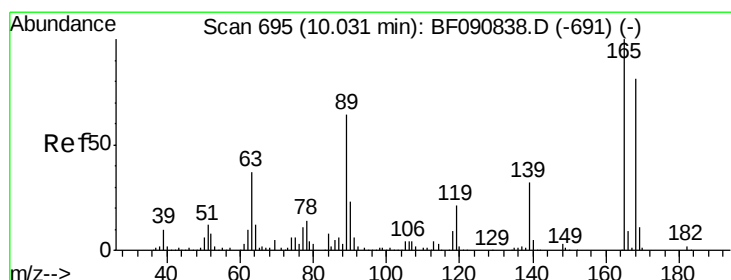
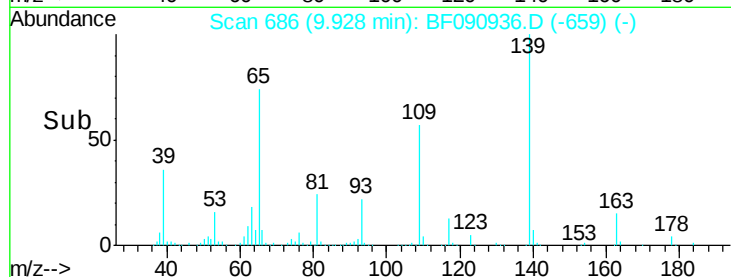
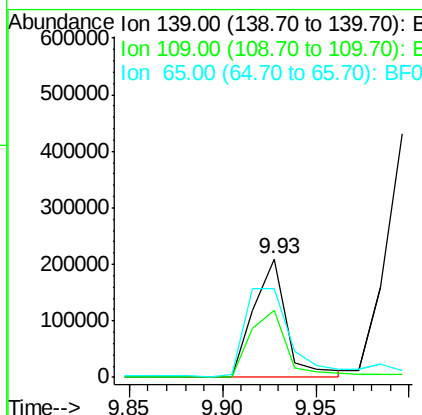
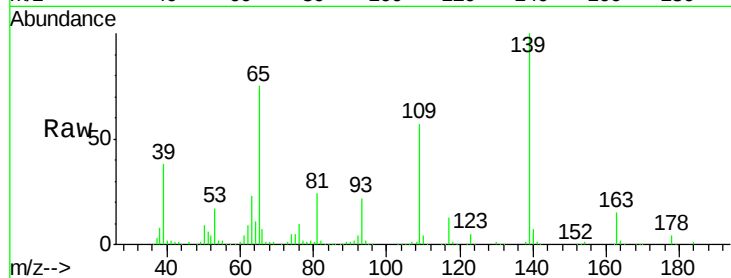
ClientSampleId :

SB-4(12-14)MS

Tgt Ion:	139	Resp:	261383
Ion Ratio	Lower	Upper	
139	100		
109	56.8	12.7	52.7#
65	74.6	45.9	85.9

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#56

2,4-Dinitrotoluene

Concen: 49.84 ng

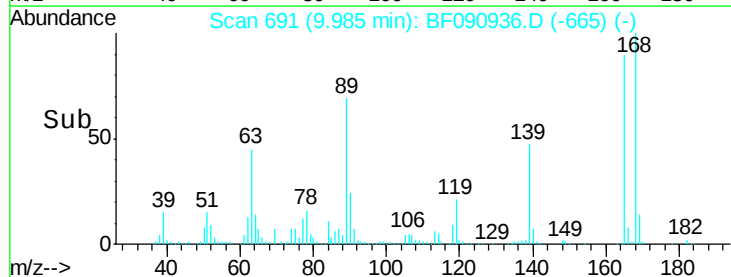
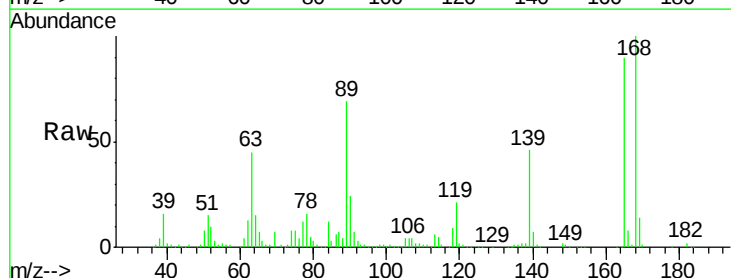
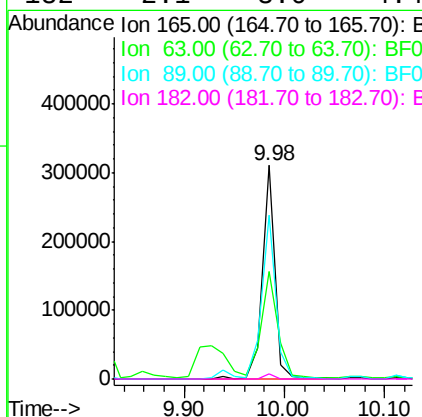
RT: 9.98 min Scan# 691

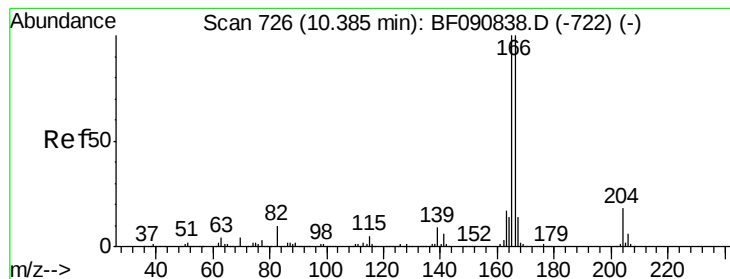
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion:	165	Resp:	266727
Ion Ratio	Lower	Upper	
165	100		
63	50.4	29.8	44.6#
89	76.9	44.5	66.7#
182	2.1	3.0	4.4#





#57

Fluorene

Concen: 47.71 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

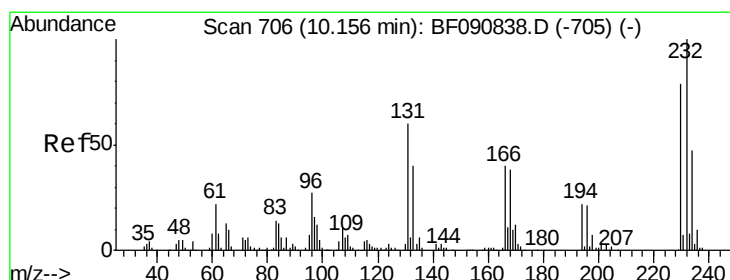
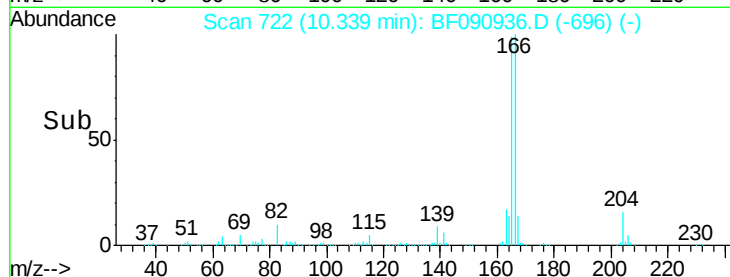
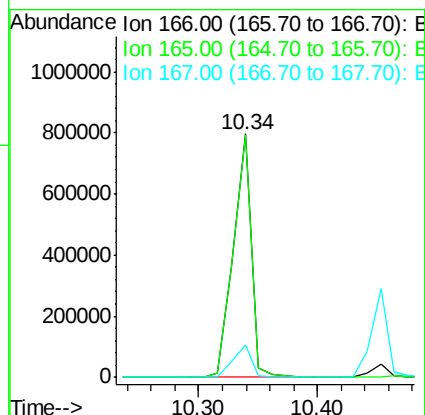
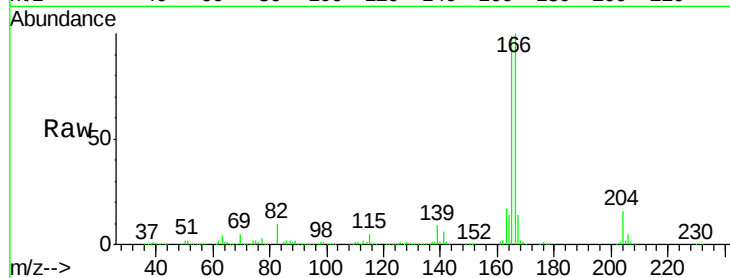
ClientSampleId :

SB-4(12-14)MS

Tgt Ion:	166	Resp:	841287
Ion Ratio	Lower	Upper	
166	100		
165	99.4	72.6	109.0
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.25 ng

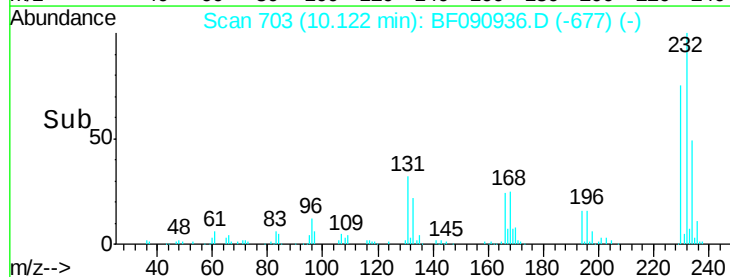
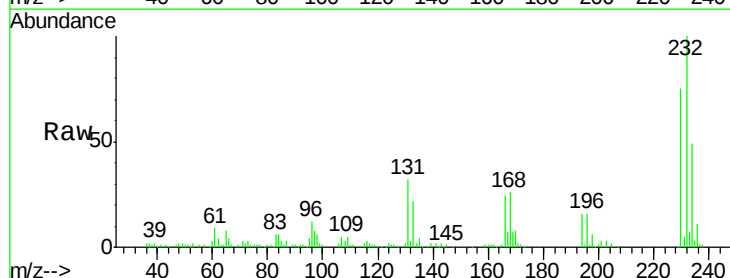
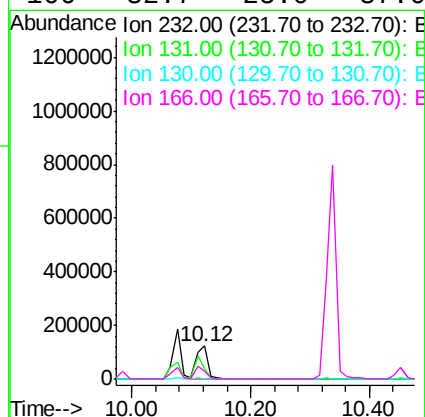
RT: 10.12 min Scan# 703

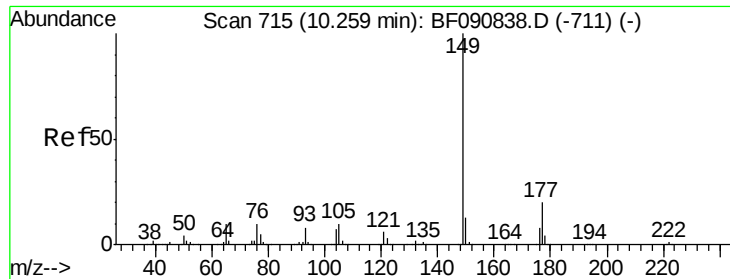
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion:	232	Resp:	172380
Ion Ratio	Lower	Upper	
232	100		
131	53.5	38.5	57.7
130	2.3	1.8	2.6
166	32.7	25.0	37.6





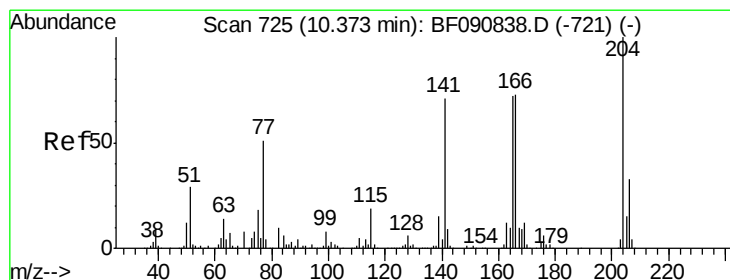
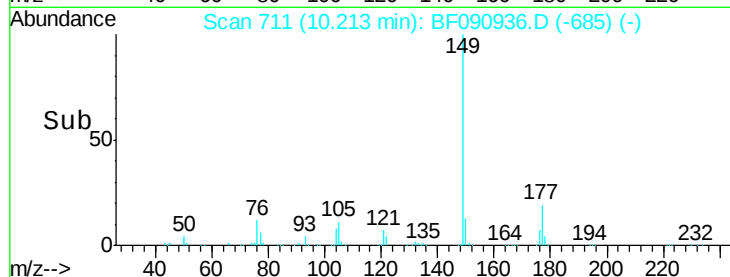
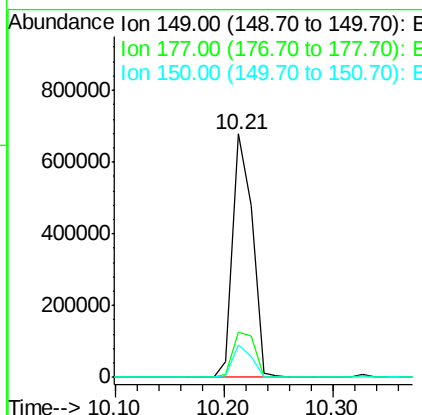
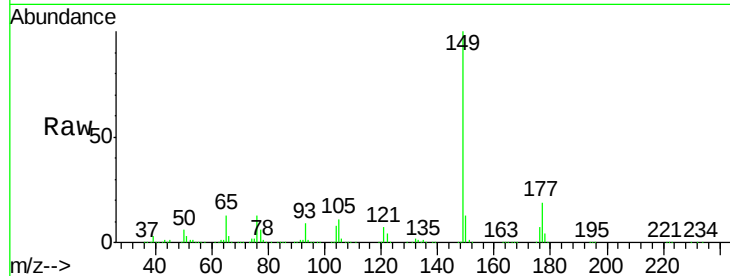
#59
Diethylphthalate
Concen: 43.21 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion:149 Resp: 837147
Ion Ratio Lower Upper
149 100
177 18.8 17.5 26.3
150 13.1 9.4 14.2

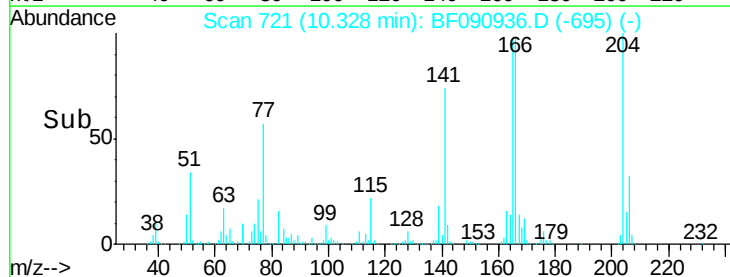
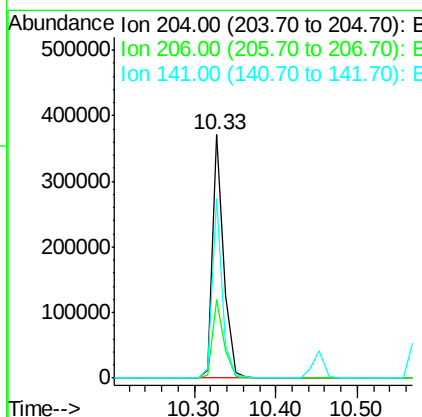
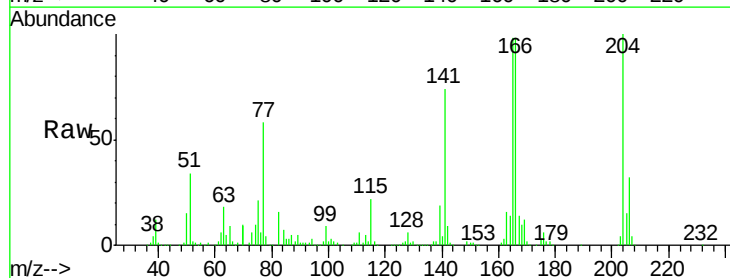
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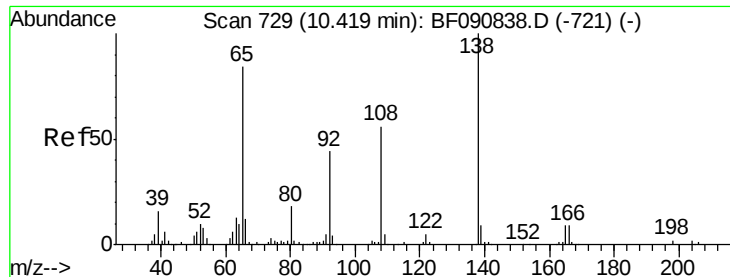
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#60
4-Chlorophenyl-phenylether
Concen: 41.78 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion:204 Resp: 359591
Ion Ratio Lower Upper
204 100
206 32.2 24.8 37.2
141 73.9 42.2 63.4#





#61

4-Nitroaniline

Concen: 45.56 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

ClientSampleId :

SB-4(12-14)MS

Tgt Ion: 138 Resp: 206947
Ion Ratio Lower Upper

138 100

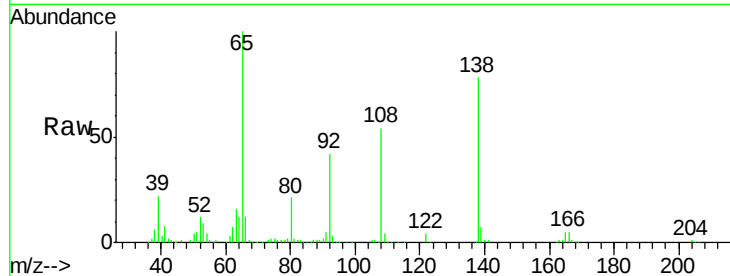
92 53.9 12.6 52.6#

108 68.4 12.4 52.4#

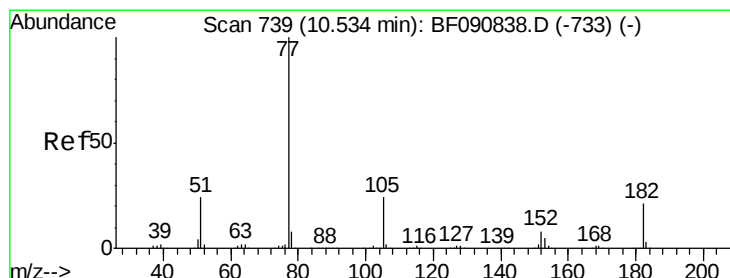
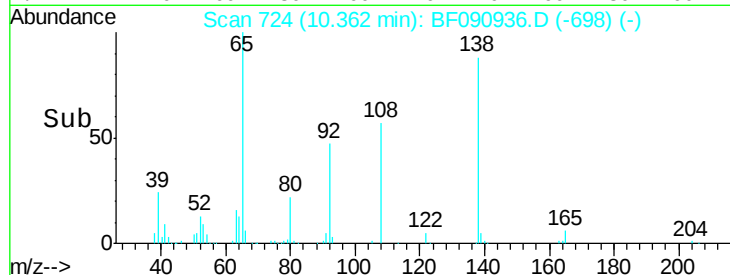
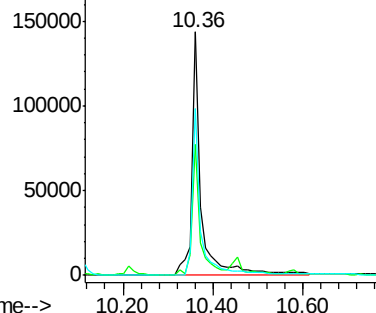
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.68 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion: 77 Resp: 1022736
Ion Ratio Lower Upper

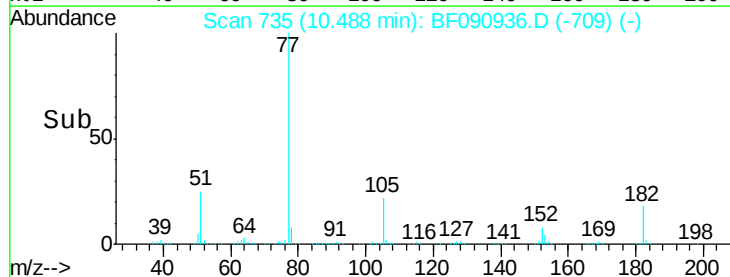
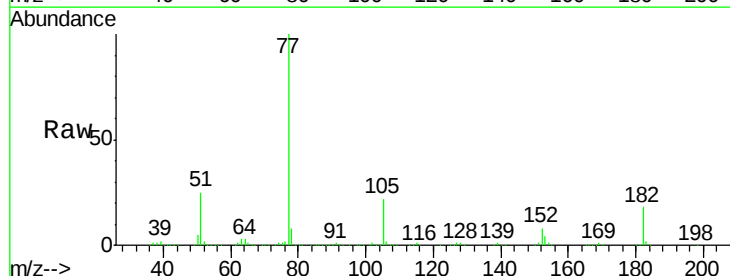
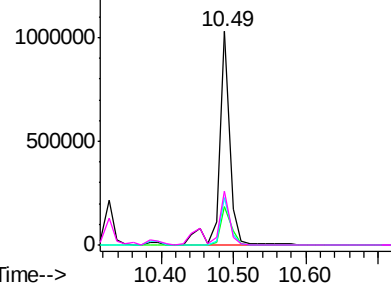
77 100

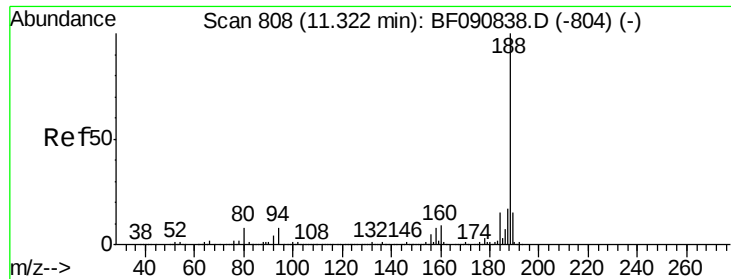
182 18.0 15.1 55.1

105 22.5 3.4 43.4

51 25.3 12.0 52.0

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





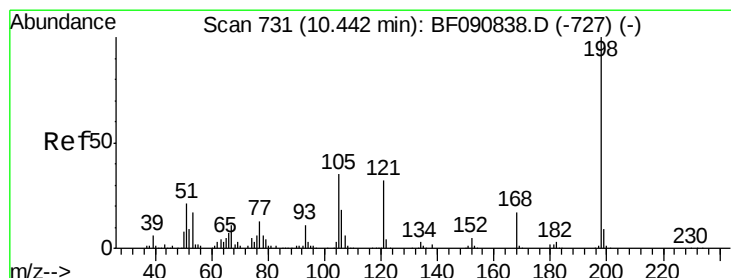
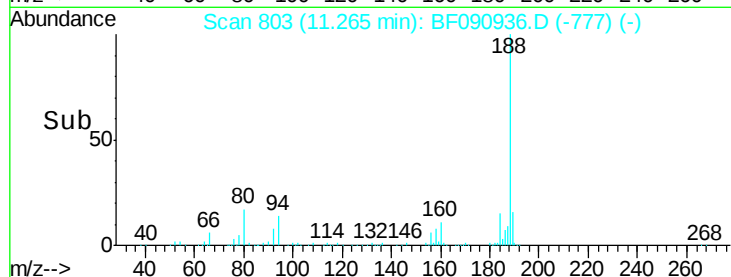
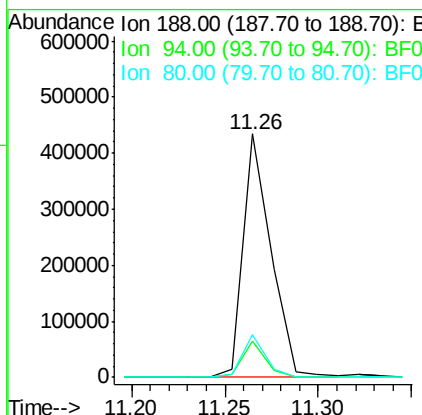
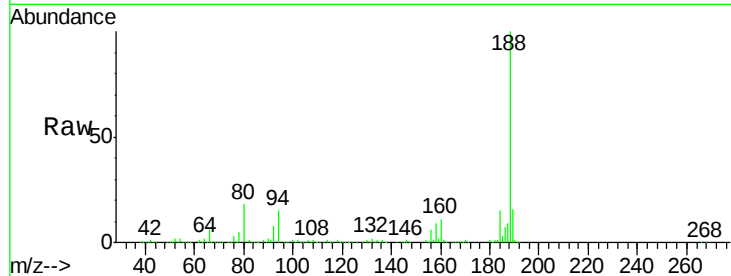
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	451764		
94	15.1	11.1	16.7	
80	17.6	11.0	16.4	

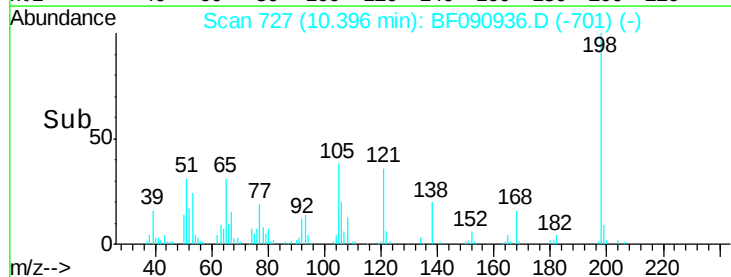
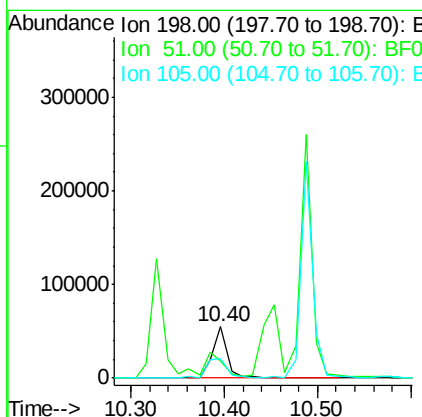
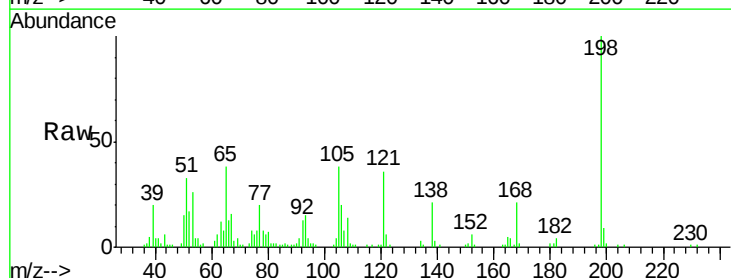
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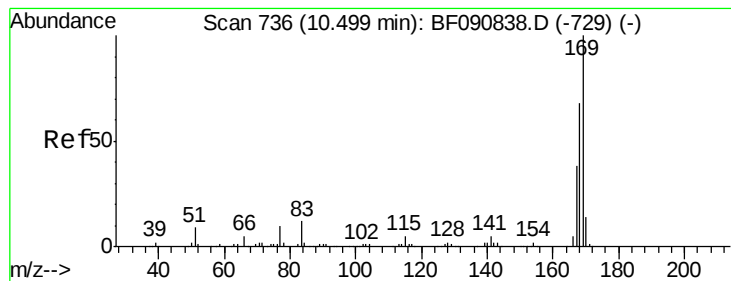
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.11 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	60230		
51	32.7	39.6	79.6	
105	37.6	28.5	68.5	





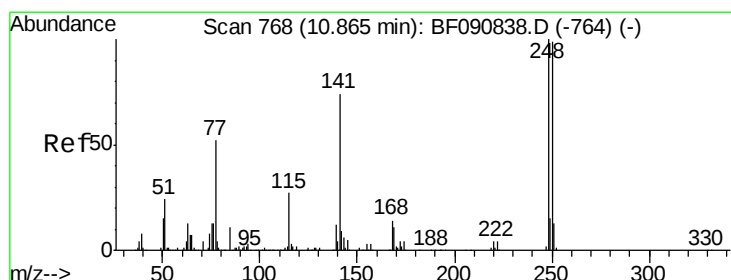
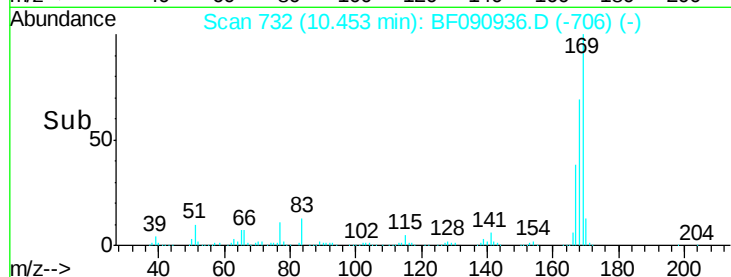
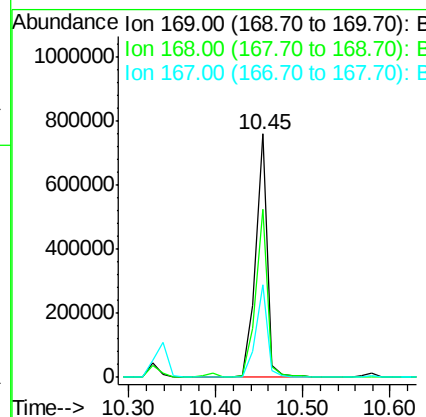
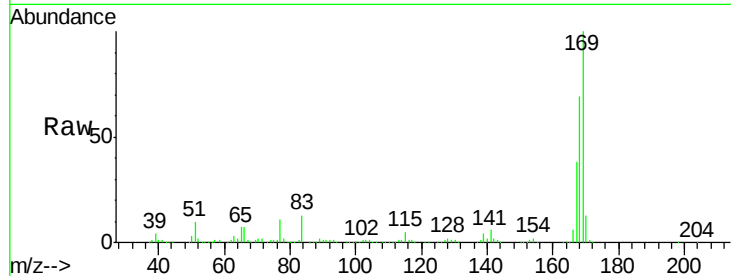
#65
n-Nitrosodiphenylamine
Concen: 52.54 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	727025		
168	69.1	48.9	73.3	
167	38.2	26.2	39.4	

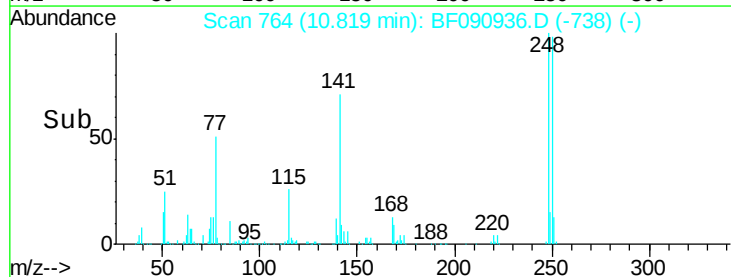
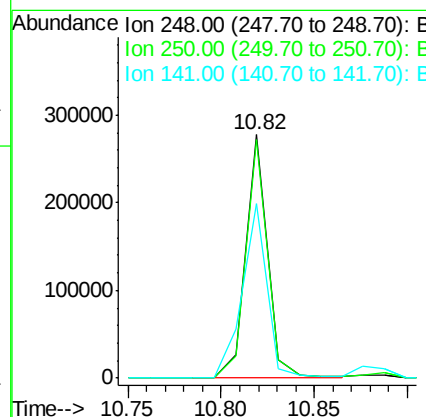
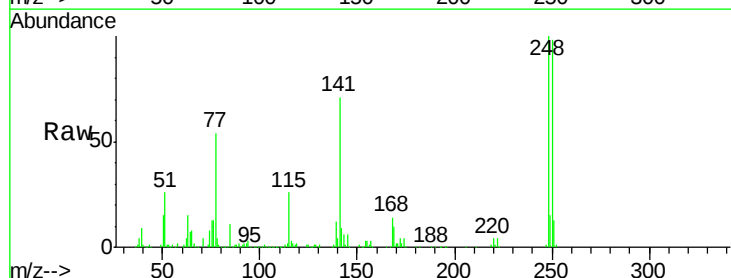
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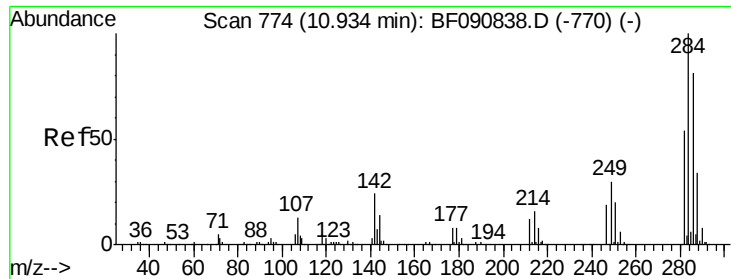
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#66
4-Bromophenyl-phenylether
Concen: 46.15 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228325		
250	97.9	78.5	117.7	
141	71.5	59.0	88.6	





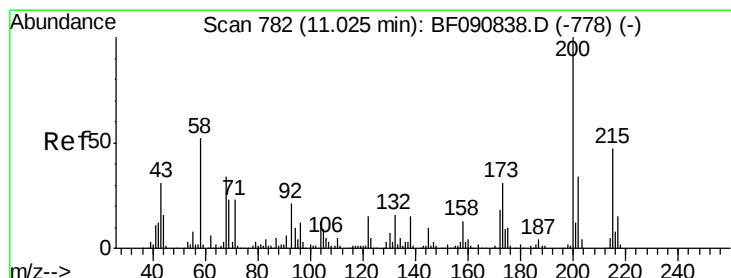
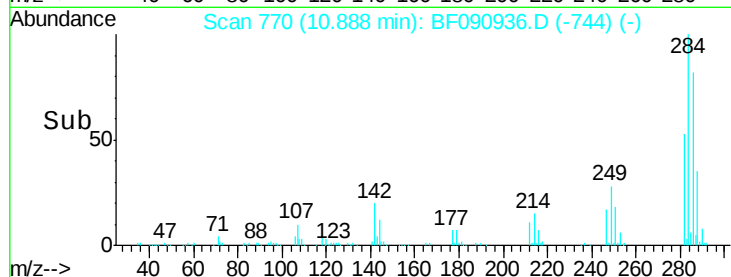
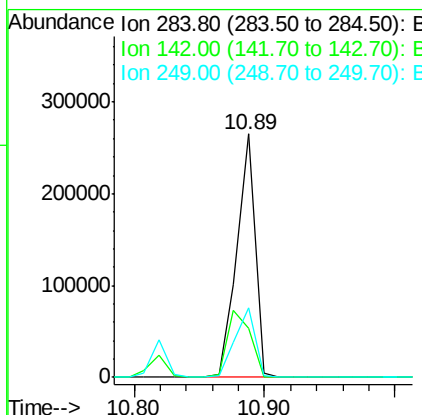
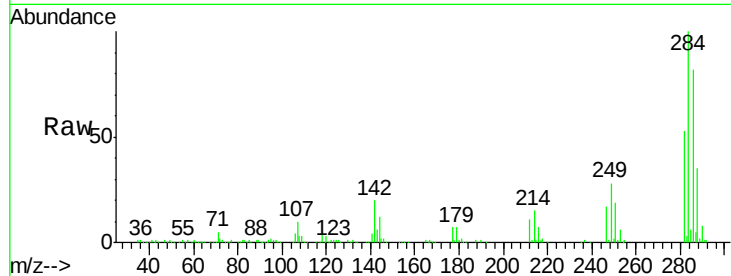
#67
Hexachlorobenzene
Concen: 43.94 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	20.0	29.5	44.3#
249	28.5	19.5	29.3

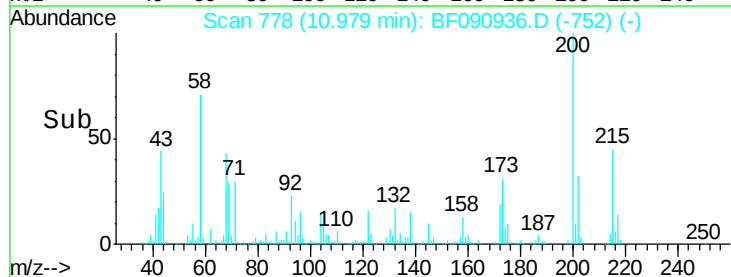
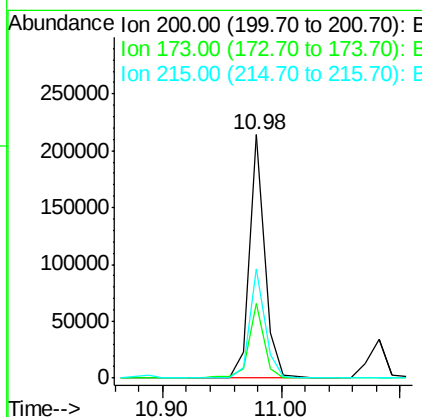
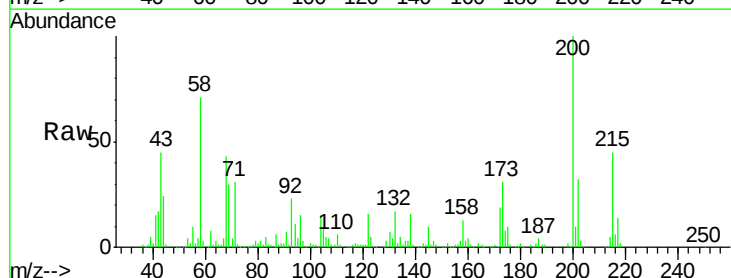
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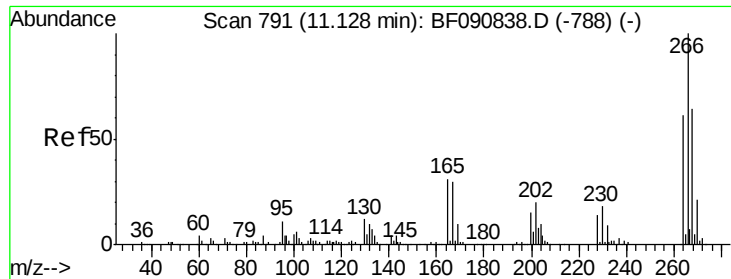
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#68
Atrazine
Concen: 45.21 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.6	13.2	53.2
215	44.7	41.8	81.8





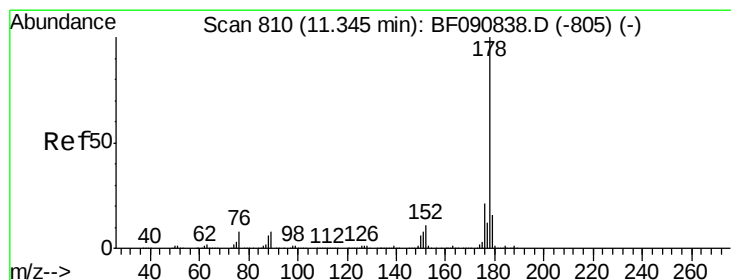
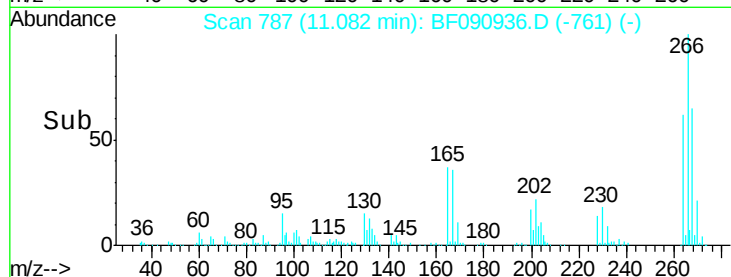
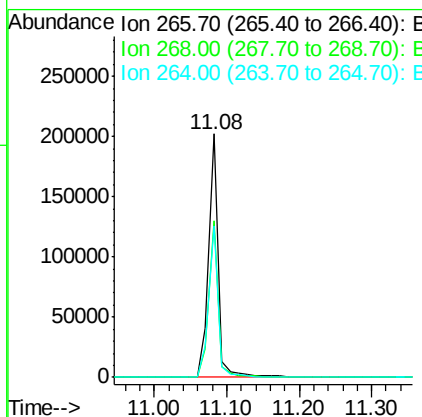
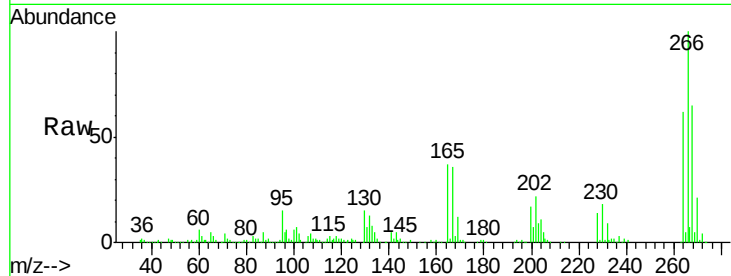
#69
 Pentachlorophenol
 Concen: 60.09 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	188732		
268	64.6	49.8	74.6	
264	62.4	50.2	75.2	

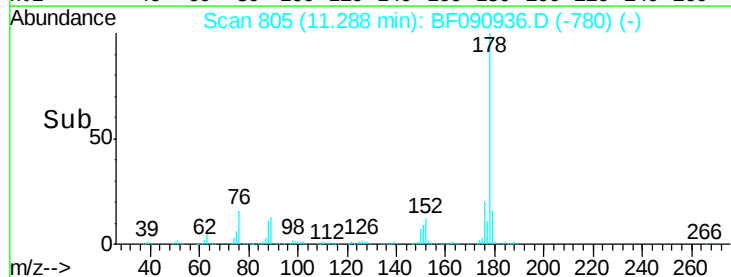
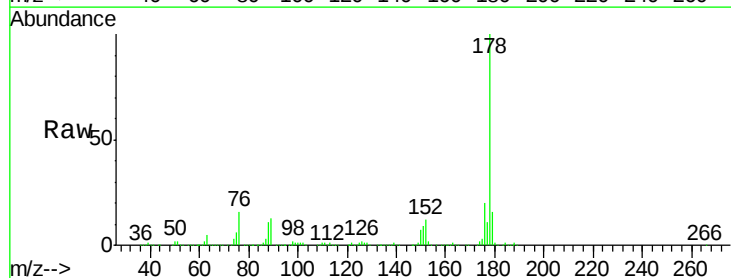
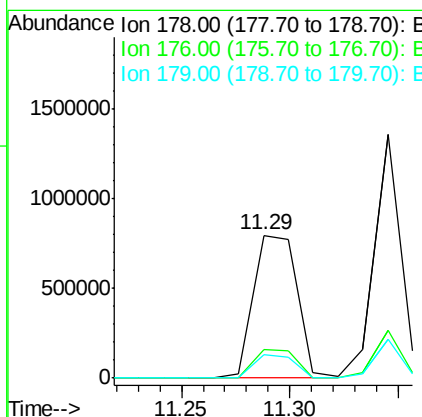
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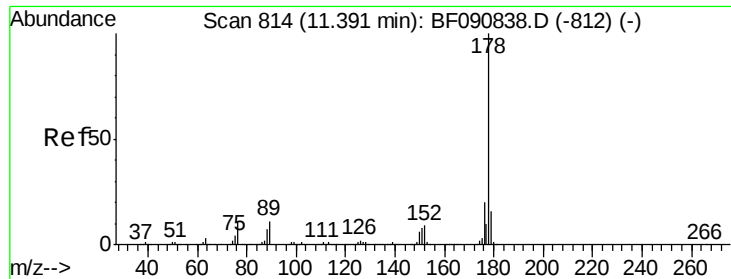
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#70
 Phenanthrene
 Concen: 48.80 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1122722		
176	20.1	13.8	20.8	
179	16.1	12.2	18.2	





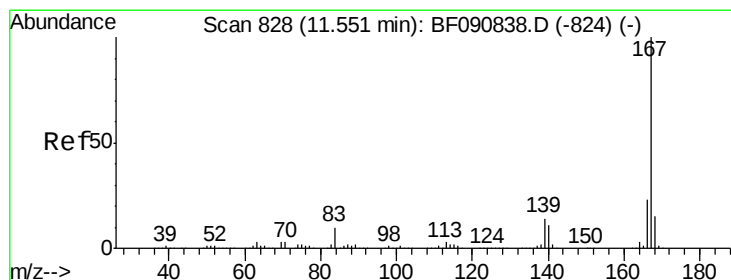
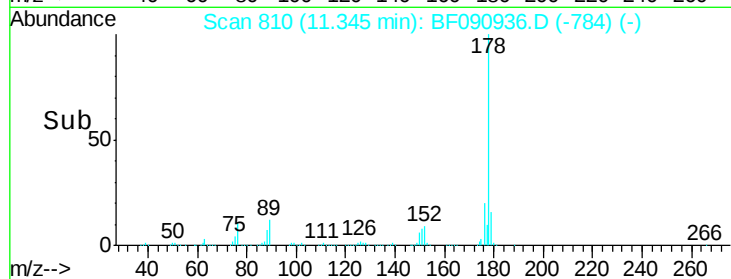
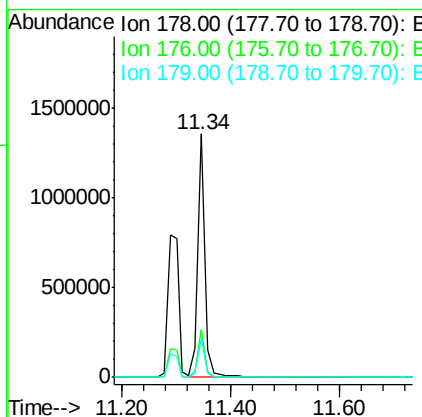
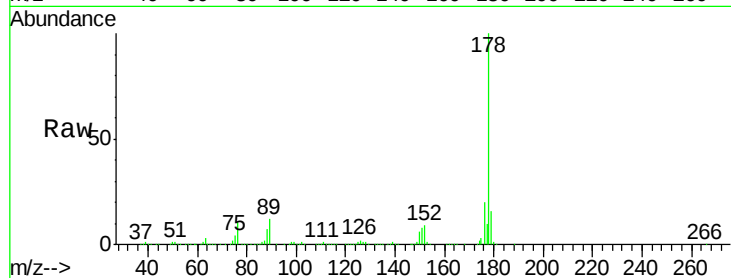
#71
 Anthracene
 Concen: 49.44 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion:178 Resp: 1197717
 Ion Ratio Lower Upper
 178 100
 176 19.8 14.1 21.1
 179 15.8 12.2 18.2

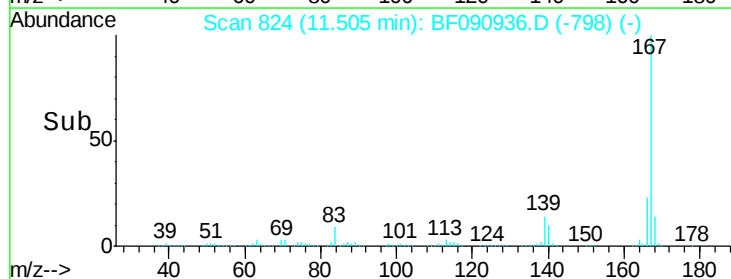
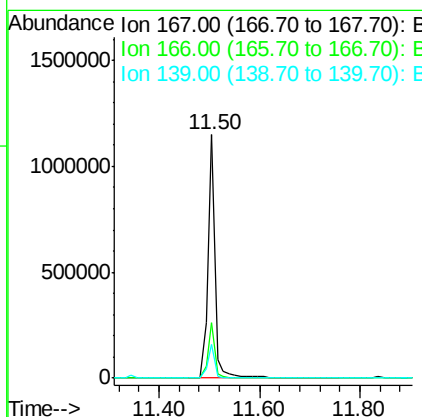
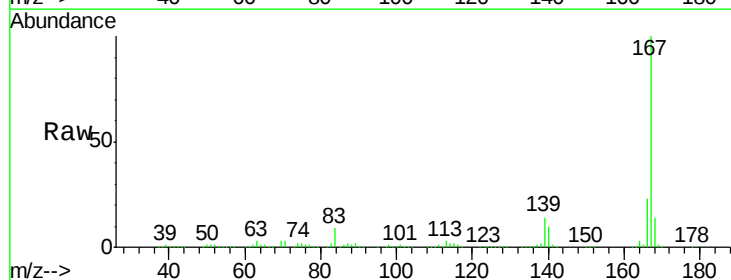
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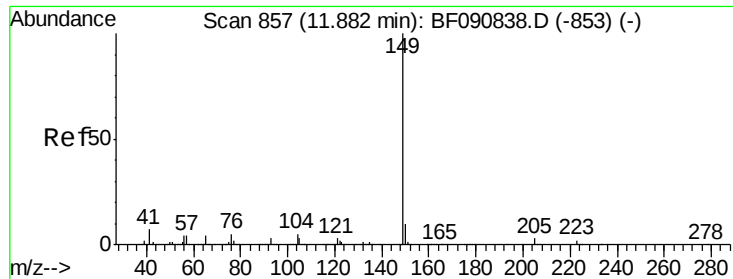
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#72
 Carbazole
 Concen: 52.27 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion:167 Resp: 1118134
 Ion Ratio Lower Upper
 167 100
 166 22.5 15.7 23.5
 139 13.8 9.5 14.3





#73

Di-n-butylphthalate

Concen: 44.76 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

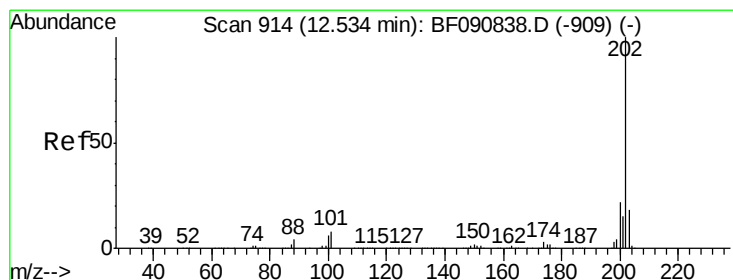
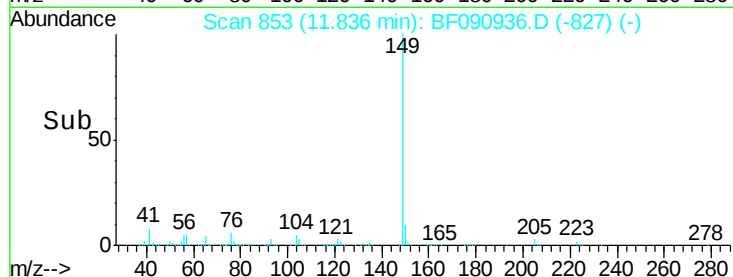
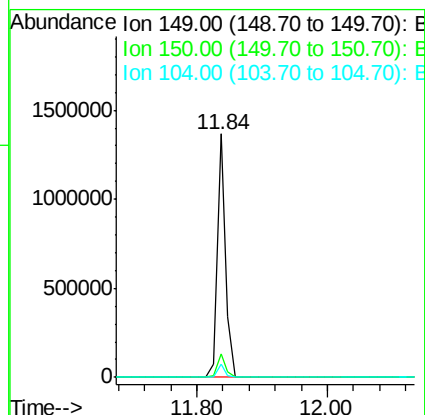
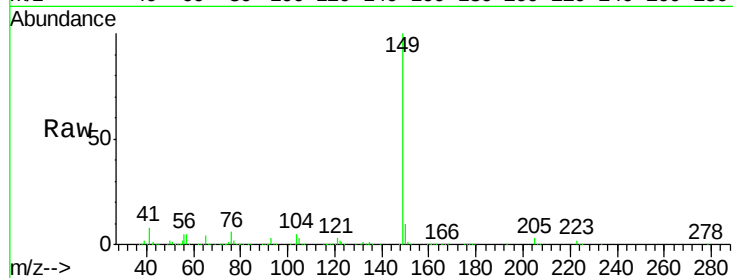
ClientSampleId :

SB-4(12-14)MS

Tgt Ion:	149	Resp:	1234254
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.4	11.2
104	5.4	2.4	3.6#

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#74

Fluoranthene

Concen: 43.52 ng

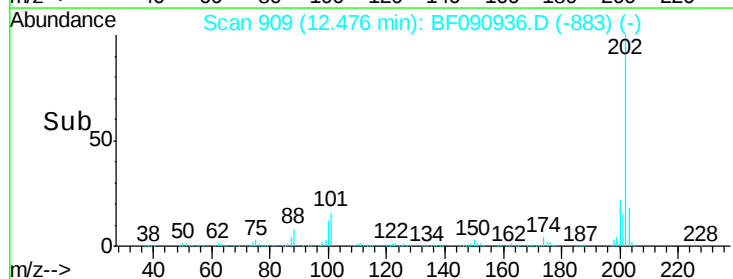
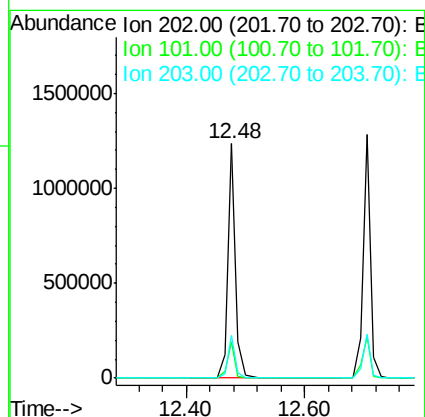
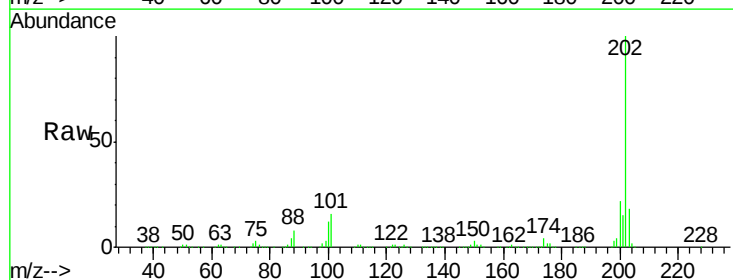
RT: 12.48 min Scan# 909

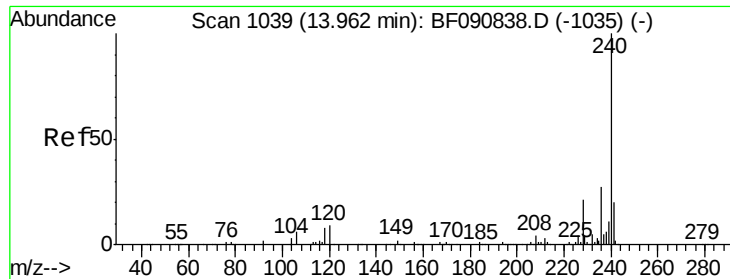
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion:	202	Resp:	1096527
Ion Ratio	Lower	Upper	
202	100		
101	15.6	0.0	38.3
203	18.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

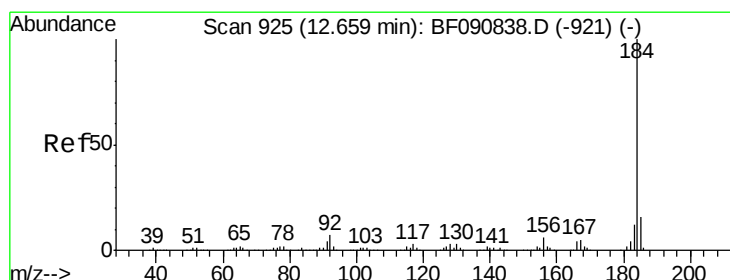
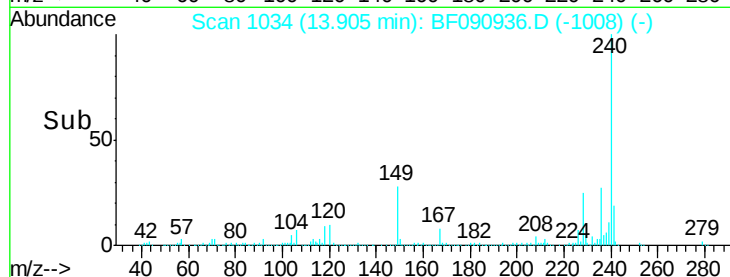
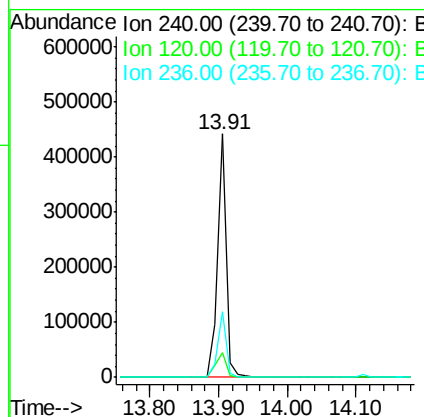
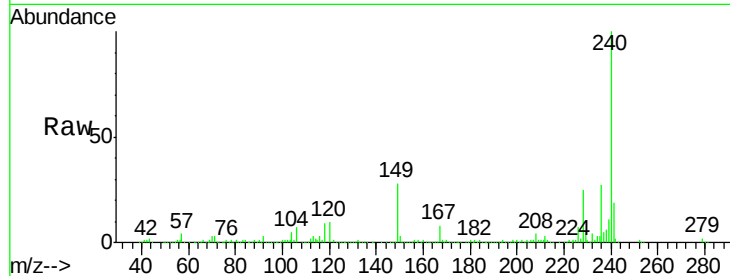
ClientSampleId :

SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	399599		
120	10.4	16.2	24.2#	
236	26.9	18.4	27.6	

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#76

Benzidine

Concen: 25.12 ng

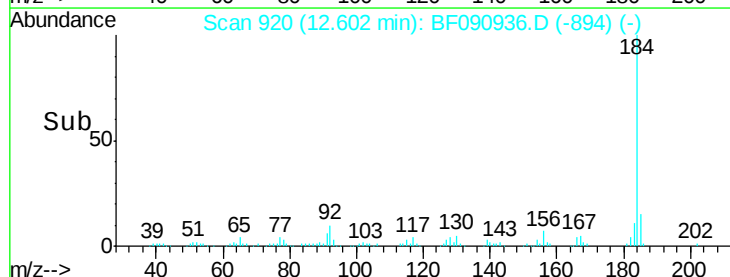
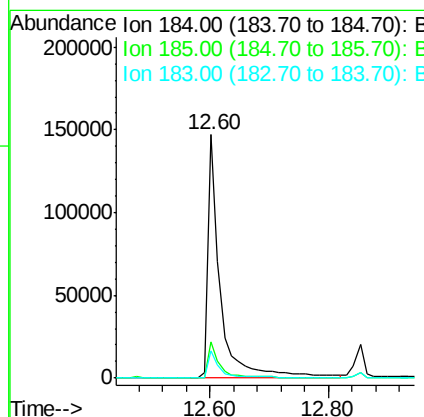
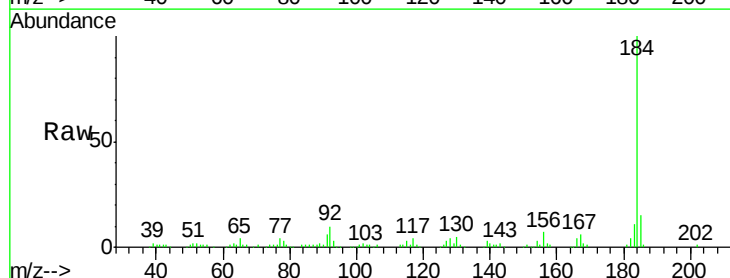
RT: 12.60 min Scan# 920

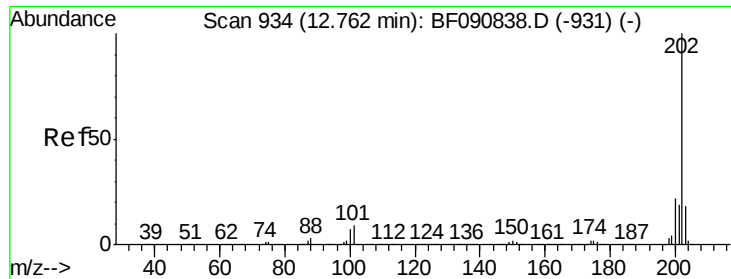
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	219146		
185	14.7	11.8	17.6	
183	11.3	7.6	11.4	





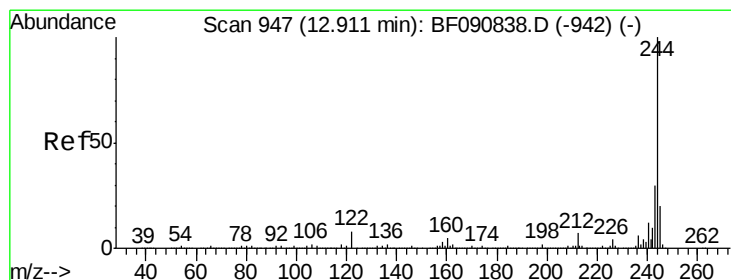
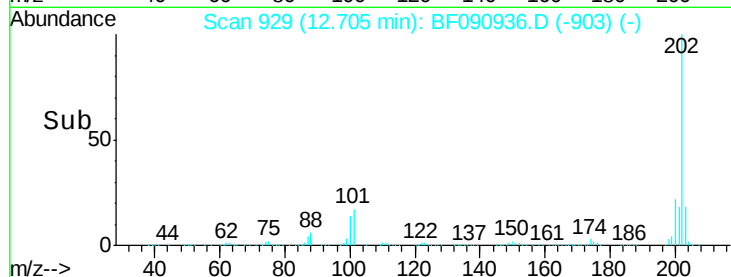
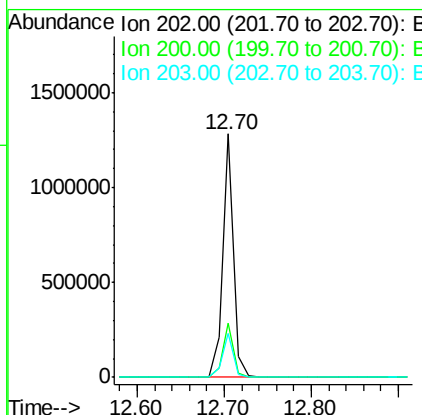
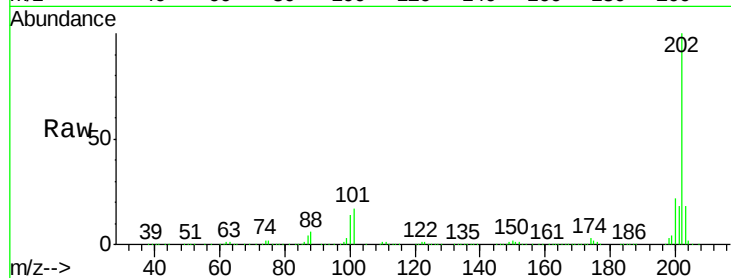
#77
Pyrene
 Concen: 44.24 ng
 RT: 12.70 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	18.1	14.1	21.1

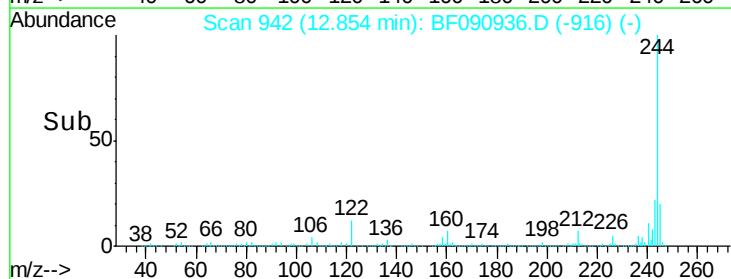
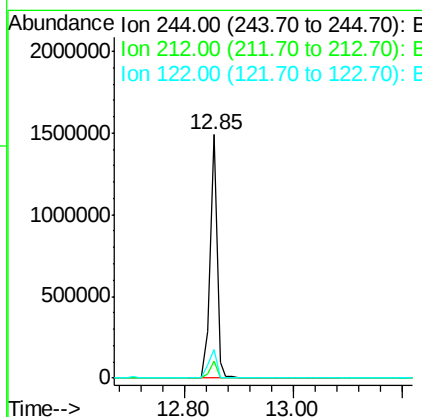
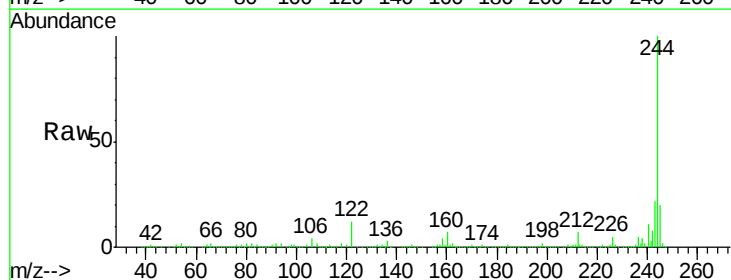
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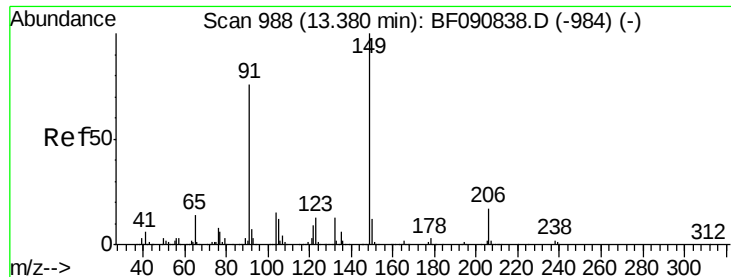
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#78
Terphenyl-d14
 Concen: 83.09 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	11.9	17.4	26.2#





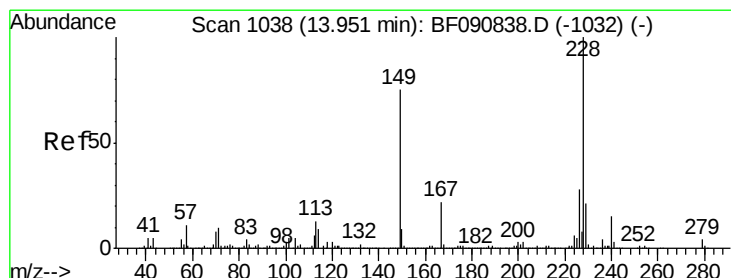
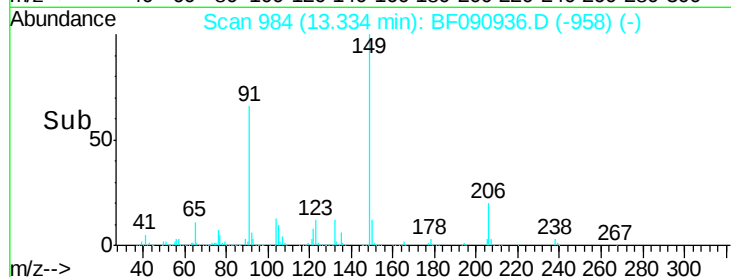
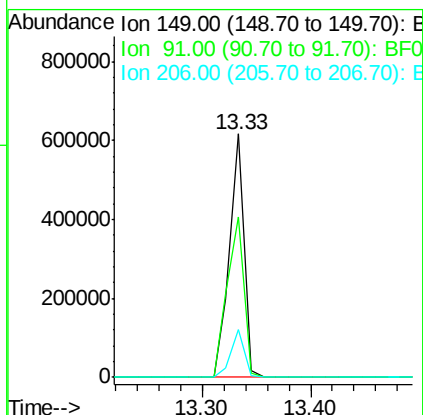
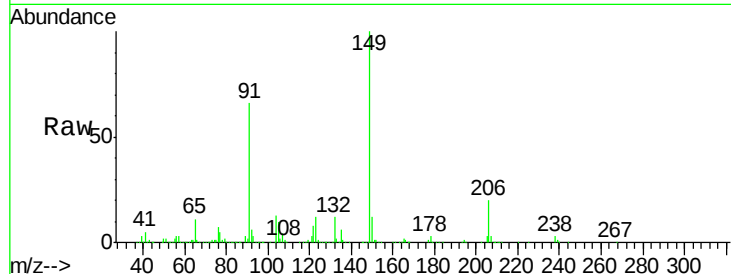
#79
Butylbenzylphthalate
Concen: 50.37 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	577899		
91	66.0	48.6	72.8	
206	19.6	14.9	22.3	

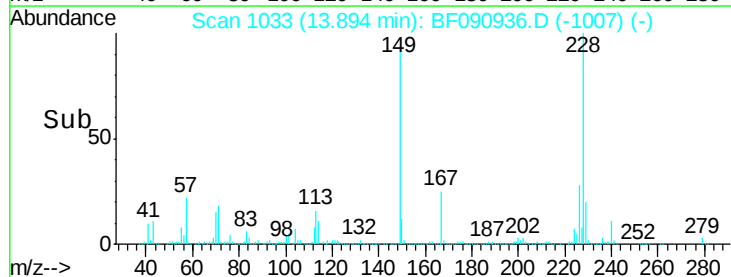
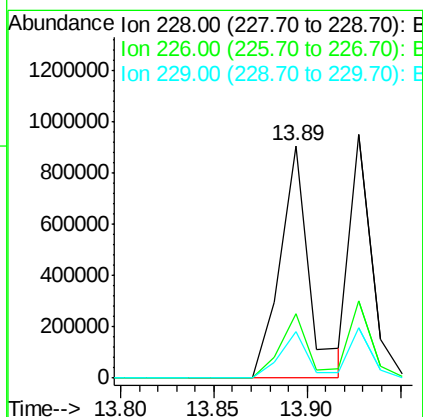
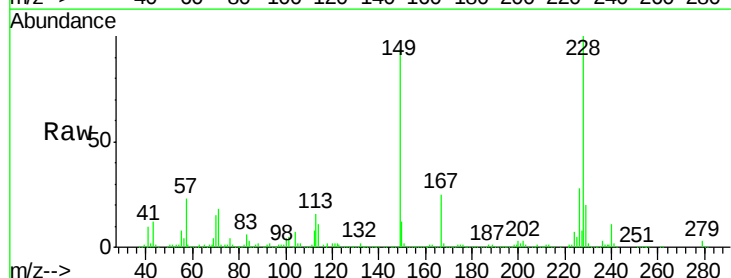
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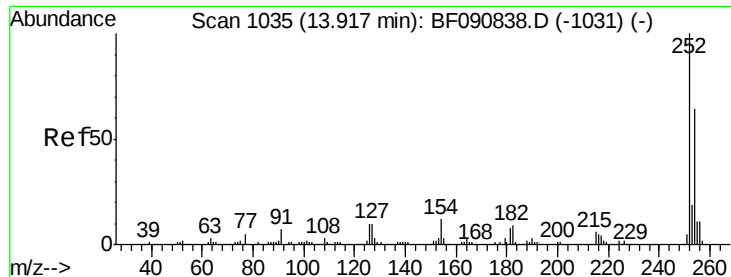
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#80
Benzo(a)anthracene
Concen: 46.42 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	984478		
226	28.0	20.0	30.0	
229	20.3	15.4	23.2	





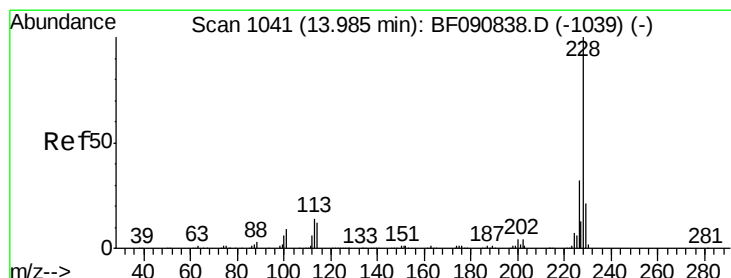
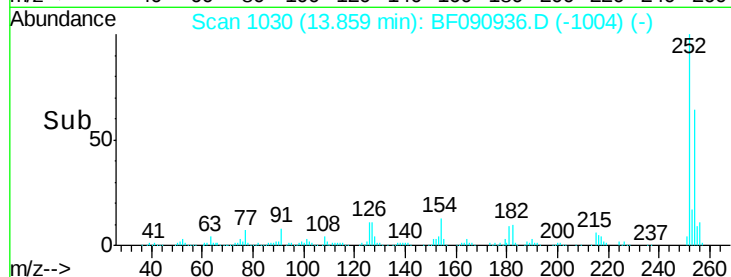
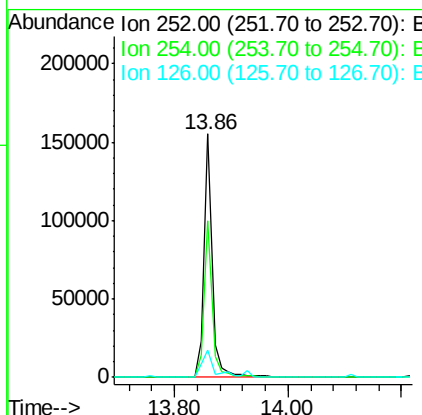
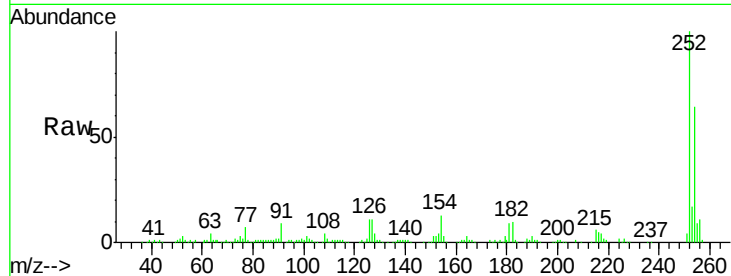
#81
 3,3'-Dichlorobenzidine
 Concen: 18.43 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	51.4	77.2
126	11.2	16.4	24.6

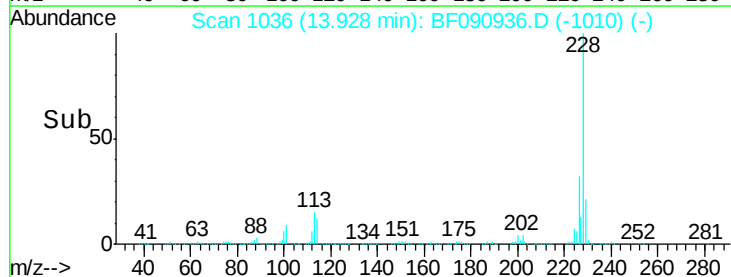
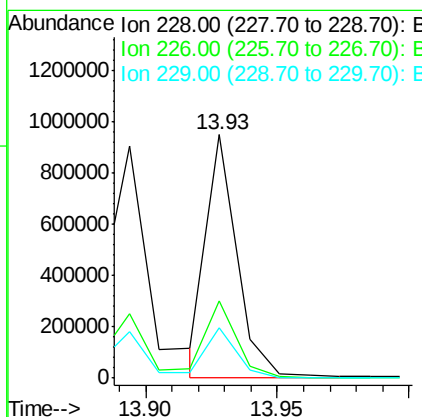
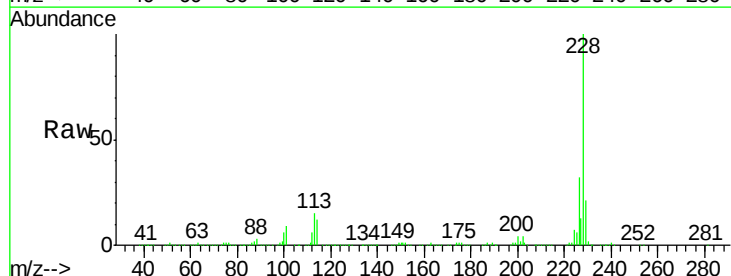
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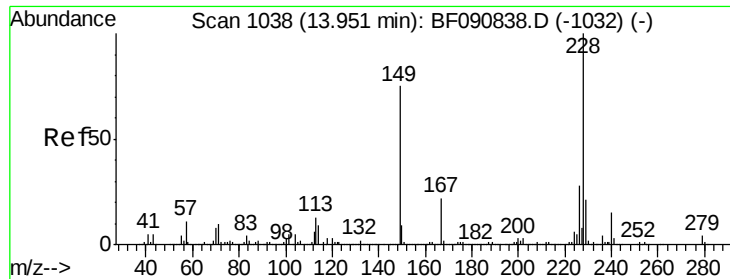
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#82
 Chrysene
 Concen: 36.39 ng m
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	21.0	31.4
229	20.6	15.6	23.4





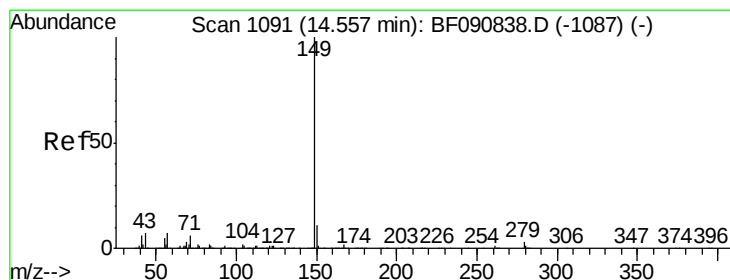
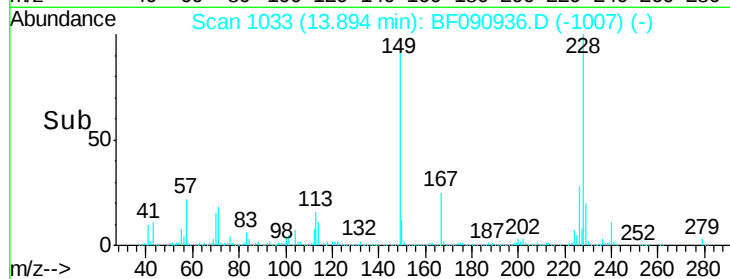
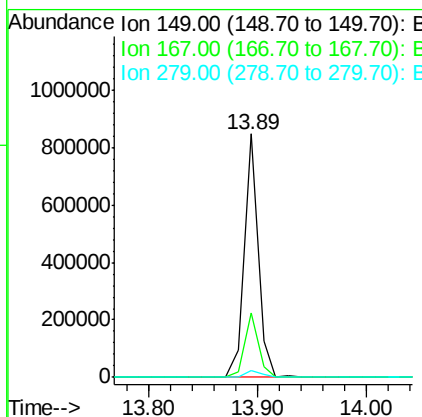
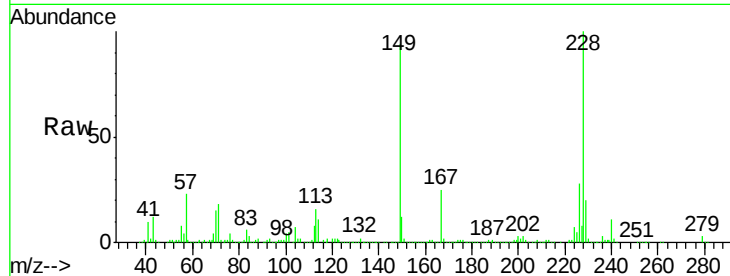
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.61 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	741312		
167	26.4	24.2	36.2	
279	2.8	3.8	5.6#	

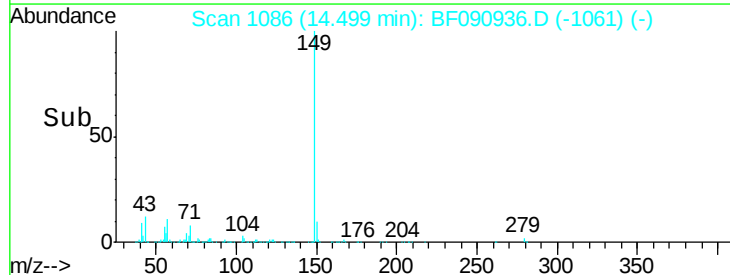
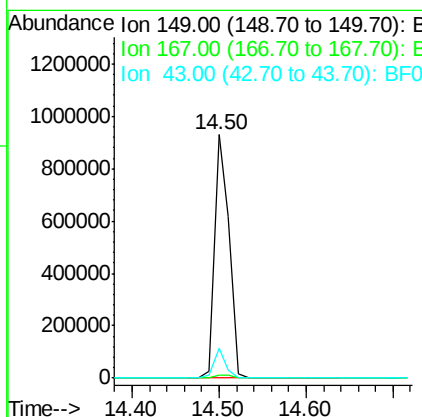
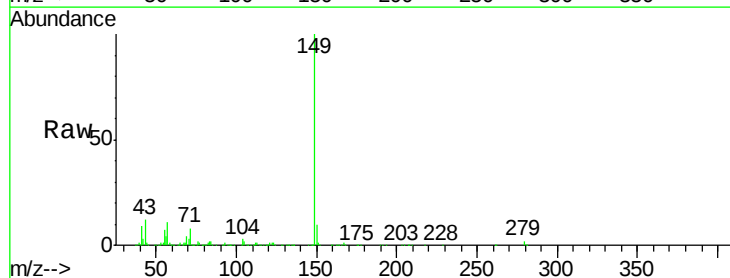
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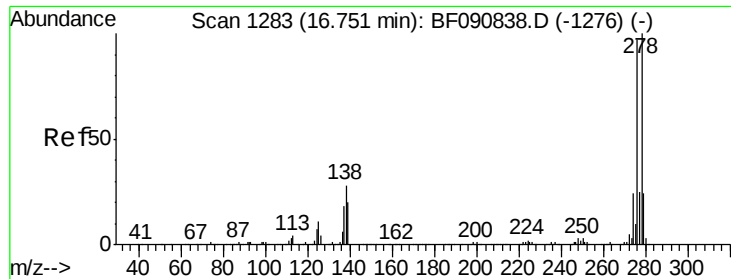
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#84
 Di-n-octyl phthalate
 Concen: 43.76 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1097866		
167	1.5	1.0	1.6	
43	9.6	10.2	15.2#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.43 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

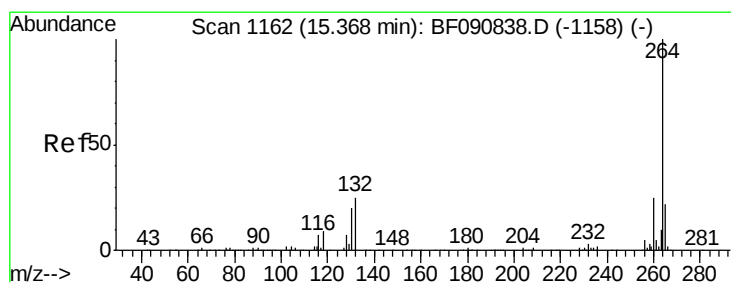
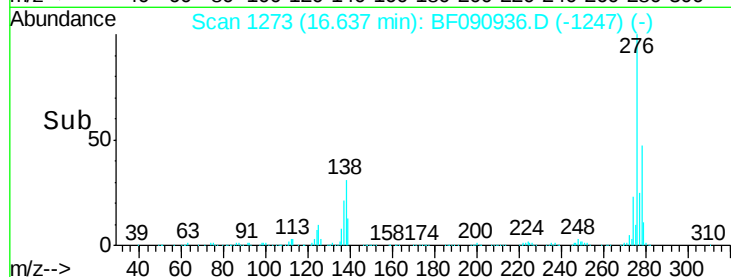
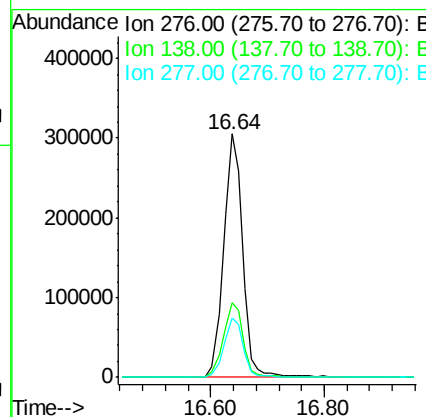
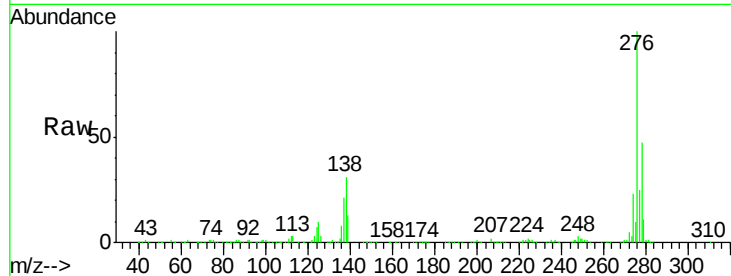
ClientSampleId :

SB-4(12-14)MS

Tgt Ion:	276	Resp:	711584
Ion Ratio	Lower	Upper	
276	100		
138	32.1	25.7	38.5
277	24.9	15.6	23.4

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#86

Perylene-d12

Concen: 20.00 ng

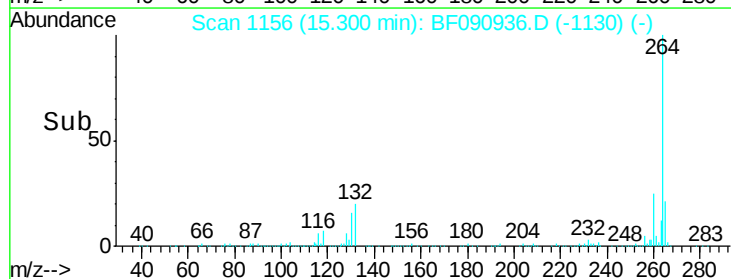
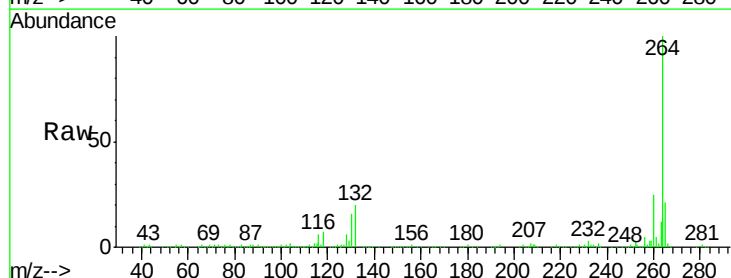
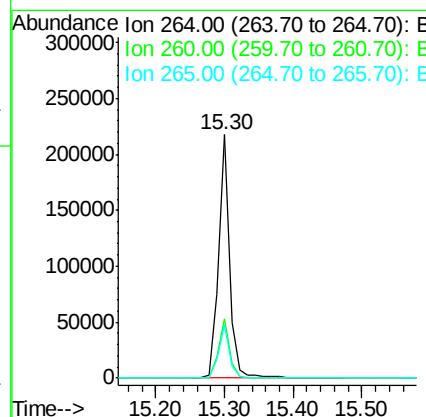
RT: 15.30 min Scan# 1156

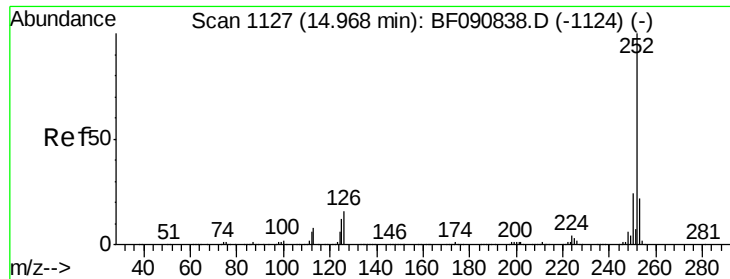
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion:	264	Resp:	249700
Ion Ratio	Lower	Upper	
264	100		
260	24.6	16.7	25.1
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.83 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Instrument :

BNA_F

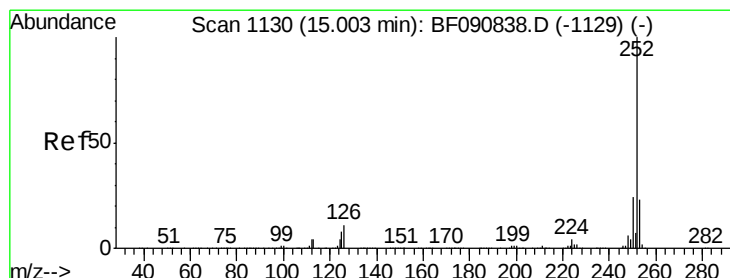
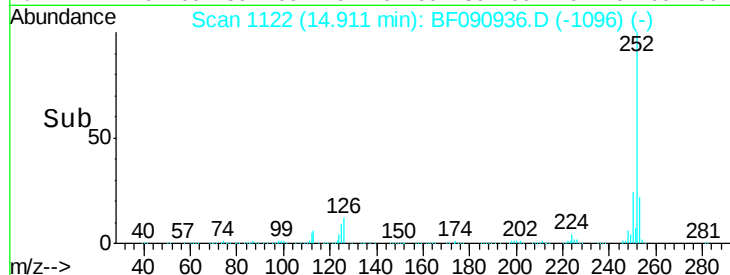
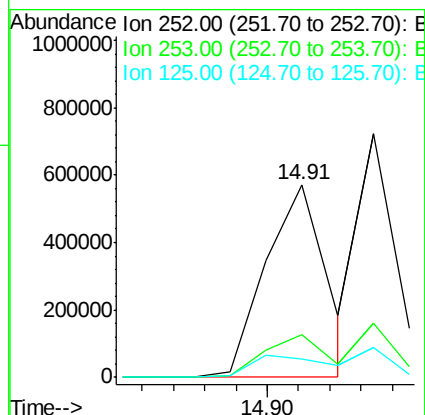
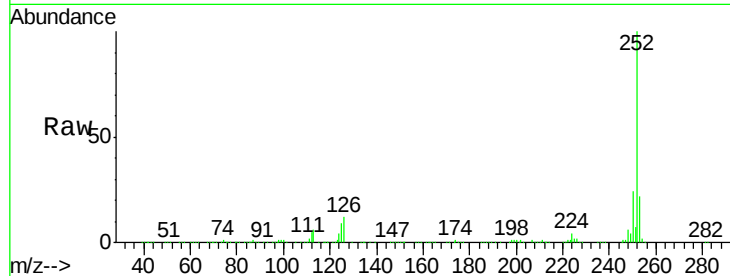
ClientSampleId :

SB-4(12-14)MS

Tgt Ion:	252	Resp:	769456
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.3	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 47.19 ng m

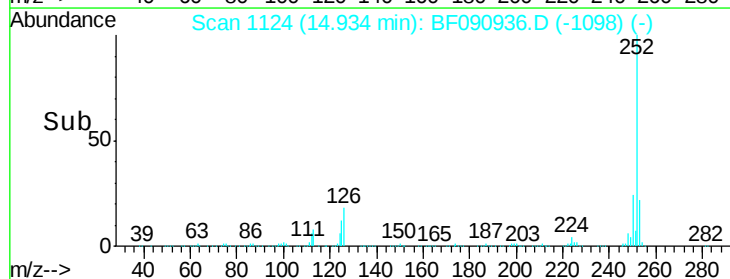
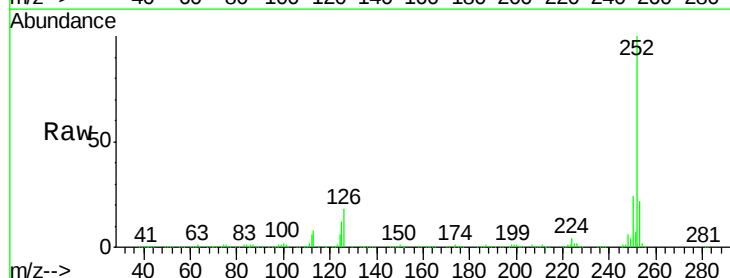
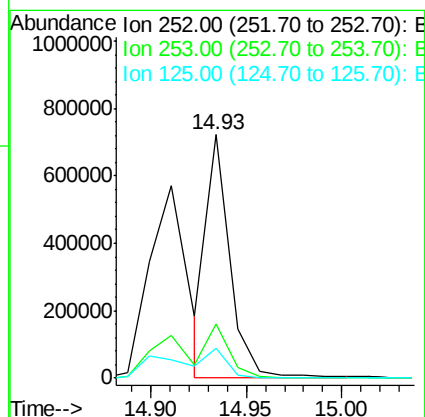
RT: 14.93 min Scan# 1124

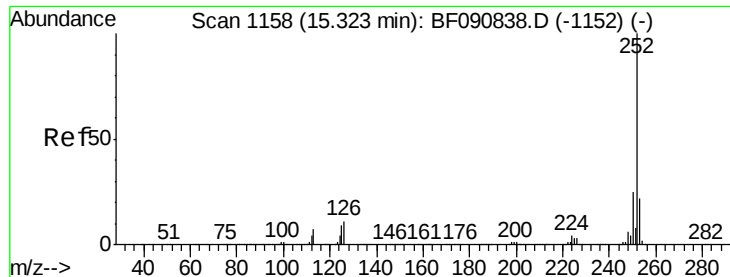
Delta R.T. -0.00 min

Lab File: BF090936.D

Acq: 31 Oct 2016 18:55

Tgt Ion:	252	Resp:	626099
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.0	25.4
125	12.4	16.0	24.0#





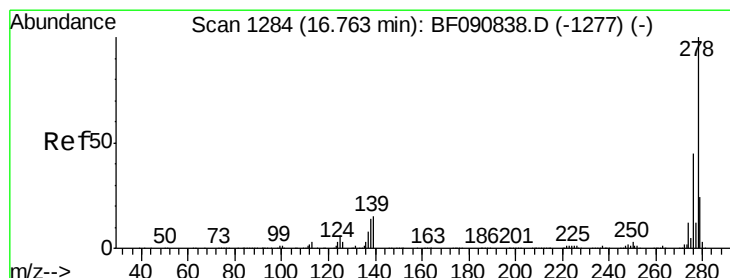
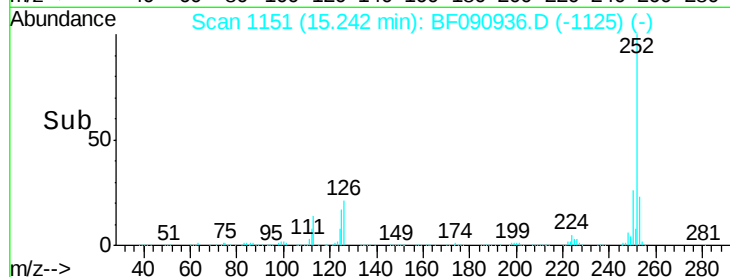
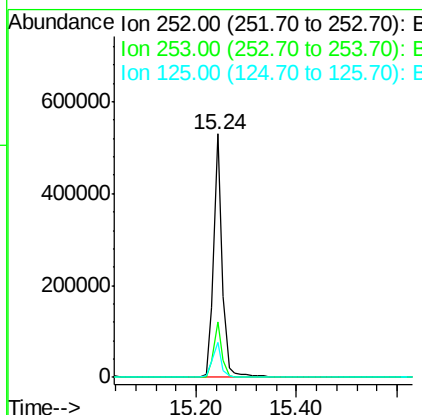
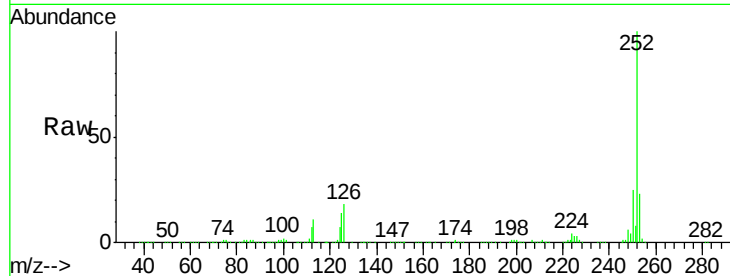
#89
Benzo(a)pyrene
Concen: 43.46 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Instrument :
BNA_F
ClientSampleId :
SB-4(12-14)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	14.4	18.0	27.0

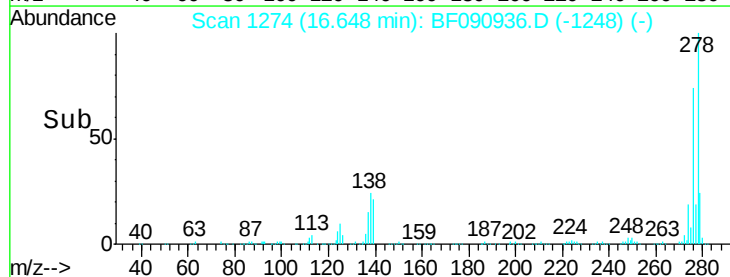
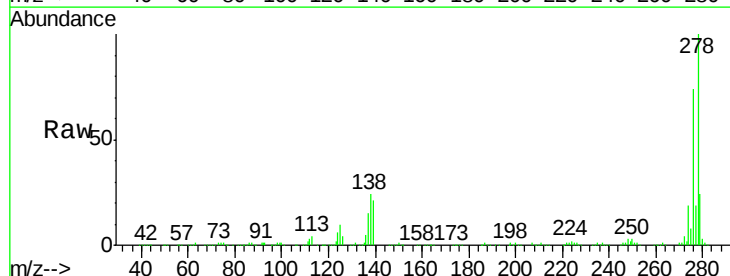
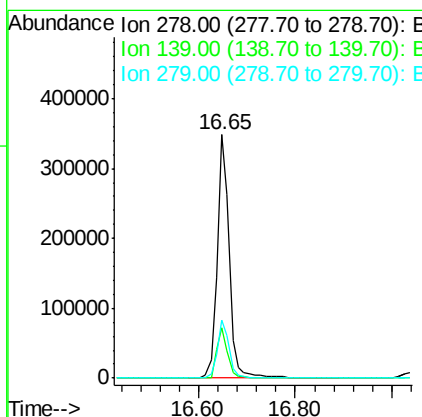
Manual Integrations
APPROVED

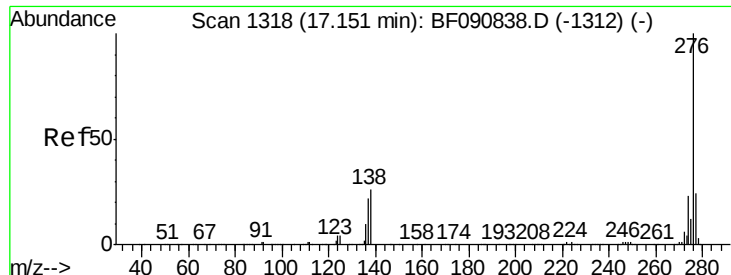
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#90
Dibenzo(a,h)anthracene
Concen: 50.44 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF090936.D
Acq: 31 Oct 2016 18:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	26.3	39.5
279	24.0	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 51.37 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF090936.D
 Acq: 31 Oct 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-14)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	17.8	26.6
138	28.7	34.6	51.8#

Manual Integrations
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