

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090229.D
 Acq On : 26 Sep 2016 18:51
 Operator : UM/SJ
 Sample : H4946-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Manual Integrations
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 9/27/2016 1:06:43 PM

Quant Time: Sep 27 05:15:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	142149	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	581743	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	304854	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	485168	20.00	ng	0.00
75) Chrysene-d12	13.60	240	356096	20.00	ng	0.00
86) Perylene-d12	14.91	264	312879	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.04	112	523518	60.03	ng	0.01
7) Phenol-d6	6.14	99	453277	42.09	ng	0.00
23) Nitrobenzene-d5	7.05	82	799688	79.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	296998	113.56	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1391916	89.64	ng	0.00
78) Terphenyl-d14	12.56	244	1094662	78.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	59356	12.54	ng	# 94
3) Pyridine	2.48	79	121049	11.80	ng	97
4) n-Nitrosodimethylamine	2.42	42	50248	16.41	ng	94
6) Aniline	6.14	93	349778	26.05	ng	# 68
8) 2-Chlorophenol	6.26	128	341668	34.05	ng	88
9) Benzaldehyde	6.01	77	237395	50.58	ng	97
10) Phenol	6.15	94	199020	15.63	ng	# 75
11) bis(2-Chloroethyl)ether	6.23	93	427241	43.03	ng	92
12) 1,3-Dichlorobenzene	6.41	146	382494	36.49	ng	96
13) 1,4-Dichlorobenzene	6.49	146	382910	35.78	ng	95
14) 1,2-Dichlorobenzene	6.65	146	385288	40.41	ng	# 95
15) Benzyl Alcohol	6.64	79	200696	31.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	454392	38.30	ng	98
17) 2-Methylphenol	6.76	107	232430	29.41	ng	97
18) Hexachloroethane	6.99	117	150225	39.35	ng	# 88
19) n-Nitroso-di-n-propylamine	6.91	70	272756	43.11	ng	96
20) 3+4-Methylphenols	6.92	107	271370	28.60	ng	98
22) Acetophenone	6.90	105	558439	39.81	ng	# 98
24) Nitrobenzene	7.07	77	425409	40.68	ng	92
25) Isophorone	7.32	82	822689	39.24	ng	96
26) 2-Nitrophenol	7.39	139	225915	43.88	ng	# 89
27) 2,4-Dimethylphenol	7.45	122	328060	35.86	ng	99
28) bis(2-Chloroethoxy)methane	7.54	93	508451	40.09	ng	99
29) 2,4-Dichlorophenol	7.63	162	300304	37.43	ng	88
30) 1,2,4-Trichlorobenzene	7.71	180	305970	38.18	ng	98
31) Naphthalene	7.79	128	1180930	42.63	ng	99
32) Benzoic acid	7.55	122	66276	10.55	ng	97
33) 4-Chloroaniline	7.85	127	391267	34.05	ng	97
34) Hexachlorobutadiene	7.92	225	168945	39.96	ng	98
35) Caprolactam	8.23	113	17707	6.67	ng	98
36) 4-Chloro-3-methylphenol	8.34	107	324626	35.80	ng	97
37) 2-Methylnaphthalene	8.48	142	684436	39.73	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	294602	42.10	ng	99
40) Hexachlorocyclopentadiene	8.64	237	275465	79.78	ng	98

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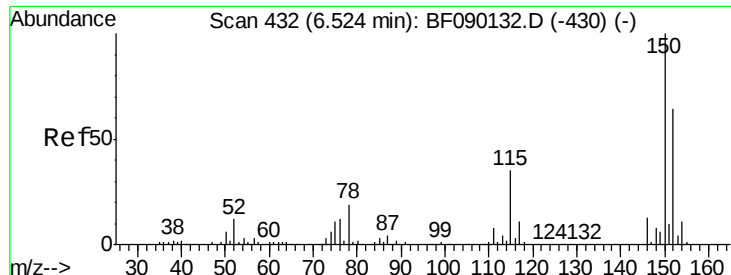
Manual Integrations
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Quant Time: Sep 27 05:15:39 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	208594	41.83	nq	99
43) 2,4,5-Trichlorophenol	8.80	196	212181	41.09	nq	# 84
45) 1,1'-Biphenyl	8.95	154	894780	41.02	nq	97
46) 2-Chloronaphthalene	8.97	162	694643	43.17	nq	93
47) 2-Nitroaniline	9.07	65	210144	43.32	nq	# 83
48) Acenaphthylene	9.37	152	997338	38.17	nq	99
49) Dimethylphthalate	9.27	163	890658	45.87	nq	100
50) 2,6-Dinitrotoluene	9.31	165	174278	40.27	nq	95
51) Acenaphthene	9.54	154	621824	40.09	nq	98
52) 3-Nitroaniline	9.48	138	181333	35.74	nq	86
53) 2,4-Dinitrophenol	9.59	184	174184	72.27	nq	# 85
54) Dibenzofuran	9.71	168	903415	44.26	nq	95
55) 4-Nitrophenol	9.66	139	102555	29.50	nq	84
56) 2,4-Dinitrotoluene	9.71	165	202673	39.61	nq	94
57) Fluorene	10.06	166	672184	43.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	171758	44.43	nq	99
59) Diethylphthalate	9.95	149	766249	40.86	nq	100
60) 4-Chlorophenyl-phenylether	10.06	204	278664	39.73	nq	93
61) 4-Nitroaniline	10.09	138	191401	37.01	nq	89
62) Azobenzene	10.22	77	907484	46.49	nq	96
64) 4,6-Dinitro-2-methylphenol	10.12	198	138007	45.41	nq	98
65) n-Nitrosodiphenylamine	10.18	169	676718	42.42	nq	99
66) 4-Bromophenyl-phenylether	10.54	248	201850	42.28	nq	# 76
67) Hexachlorobenzene	10.60	284	234564	42.16	nq	# 82
68) Atrazine	10.72	200	214023	48.95	nq	99
69) Pentachlorophenol	10.80	266	253258	80.19	nq	99
70) Phenanthrene	11.01	178	1013411	44.66	nq	99
71) Anthracene	11.06	178	1114481	46.83	nq	99
72) Carbazole	11.22	167	1101756	43.79	nq	98
73) Di-n-butylphthalate	11.57	149	1204851	41.18	nq	100
74) Fluoranthene	12.18	202	1119987	45.99	nq	92
76) Benzidine	12.32	184	535871	44.96	nq	96
77) Pyrene	12.40	202	981474	40.28	nq	99
79) Butylbenzylphthalate	13.04	149	562561	47.20	nq	# 75
80) Benzo(a)anthracene	13.58	228	906620	47.32	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	283942	35.94	nq	# 97
82) Chrysene	13.62	228	808973	43.35	nq	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	686083	44.98	nq	100
84) Di-n-octyl phthalate	14.22	149	1250379	47.59	nq	99
85) Indeno(1,2,3-cd)pyrene	16.06	276	756609	50.14	nq	97
87) Benzo(b)fluoranthene	14.57	252	738580m	42.63	nq	
88) Benzo(k)fluoranthene	14.59	252	664147m	40.85	nq	
89) Benzo(a)pyrene	14.87	252	689783	42.32	nq	98
90) Dibenzo(a,h)anthracene	16.08	278	631986	49.69	nq	# 96
91) Benzo(g,h,i)perylene	16.40	276	646903	51.97	nq	96

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



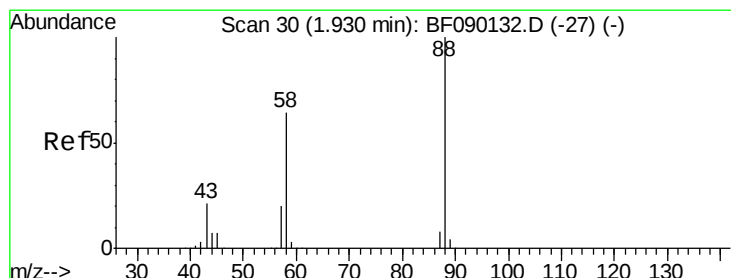
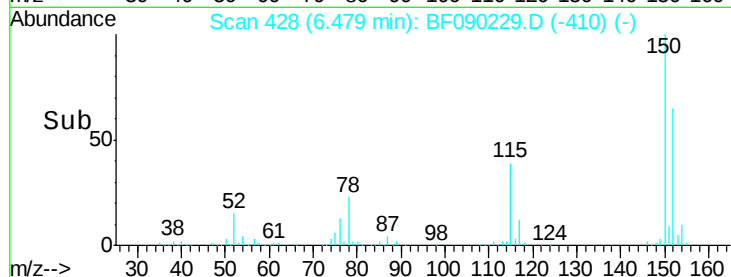
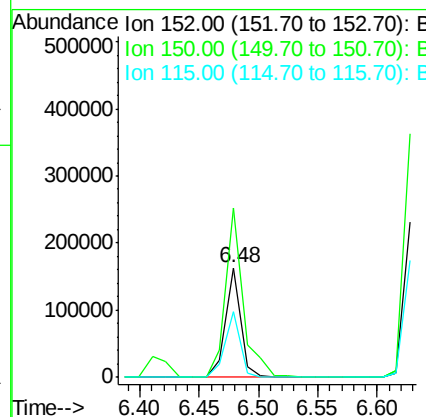
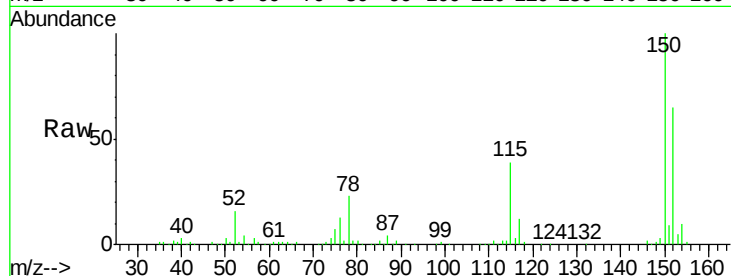
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.9	193.3
115	60.0	55.5	83.3

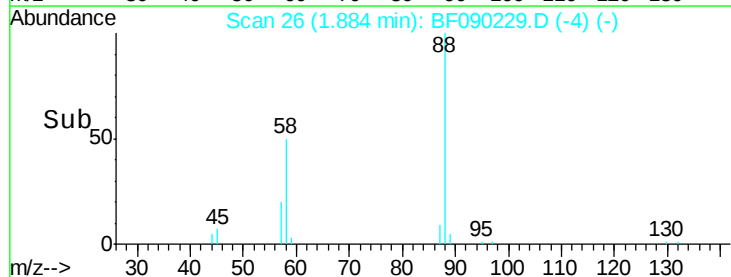
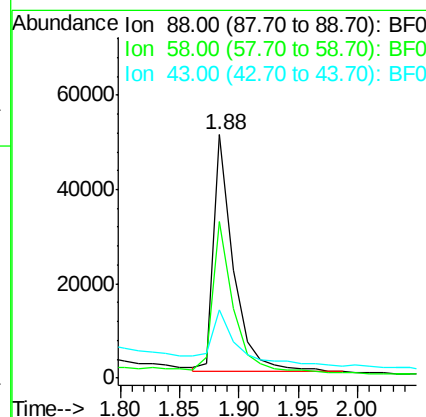
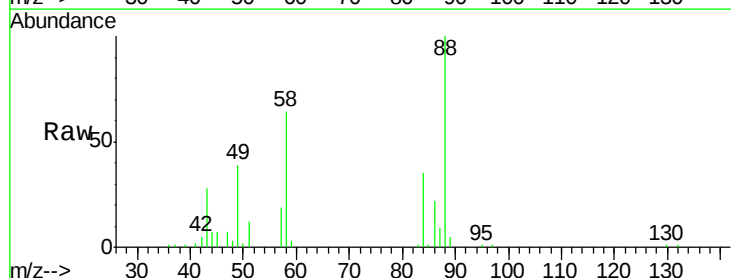
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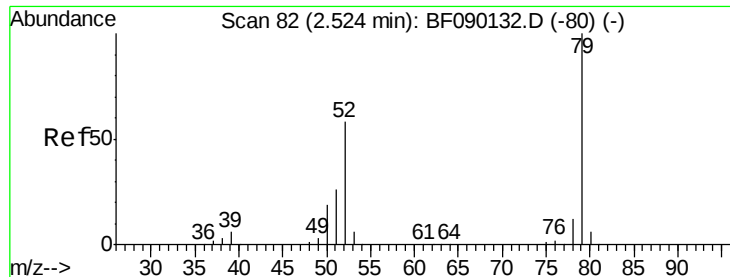
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#2
 1,4-Dioxane
 Concen: 12.54 ng
 RT: 1.88 min Scan# 26
 Delta R.T. 0.05 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	53.4	80.0
43	31.6	16.5	24.7





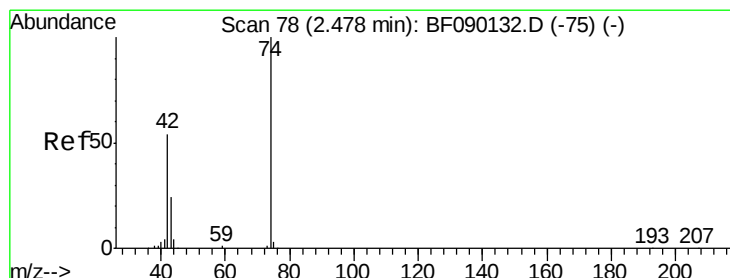
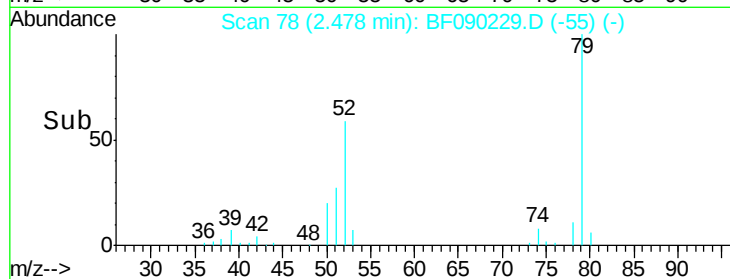
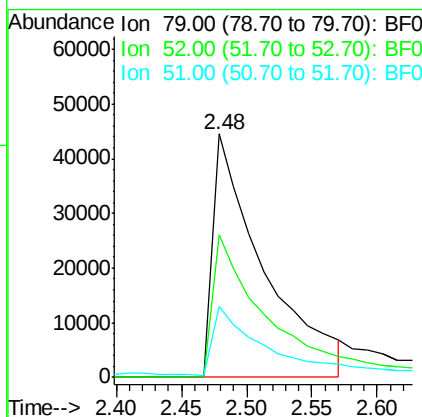
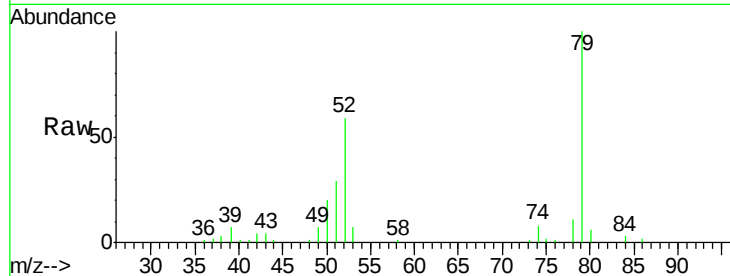
#3
 Pvridine
 Concen: 11.80 ng
 RT: 2.48 min Scan# 78
 Delta R.T. 0.06 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion:	79	Resp:	121049
Ion	Ratio	Lower	Upper
79	100		
52	58.8	45.9	68.9
51	29.0	21.3	31.9

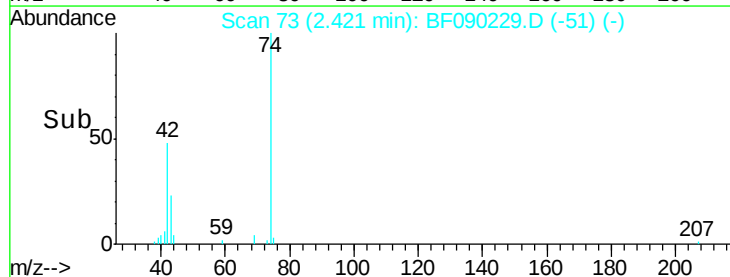
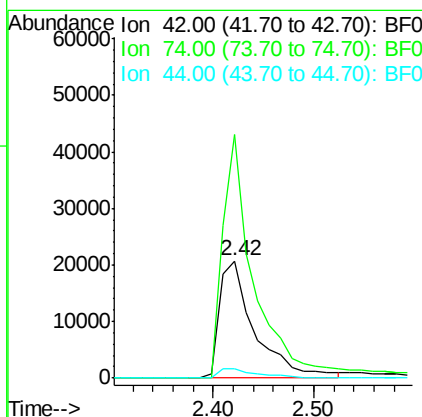
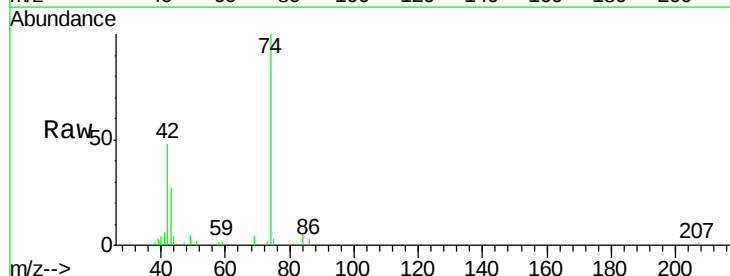
Manual Integrations
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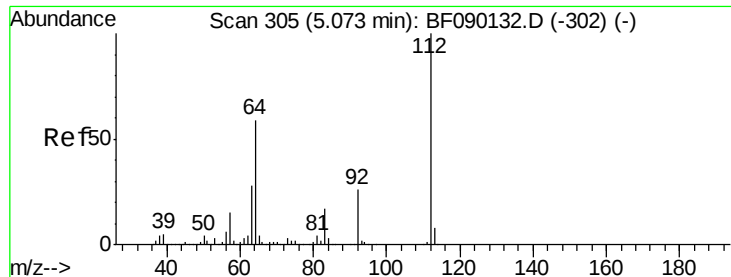
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#4
 n-Nitrosodimethylamine
 Concen: 16.41 ng
 RT: 2.42 min Scan# 73
 Delta R.T. 0.05 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion:	42	Resp:	50248
Ion	Ratio	Lower	Upper
42	100		
74	207.6	158.7	238.1
44	8.2	6.4	9.6





#5

2-Fluorophenol

Concen: 60.03 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

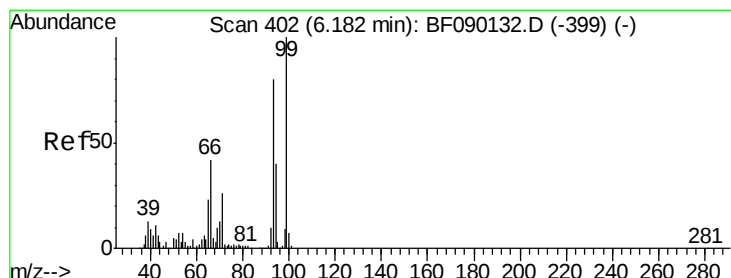
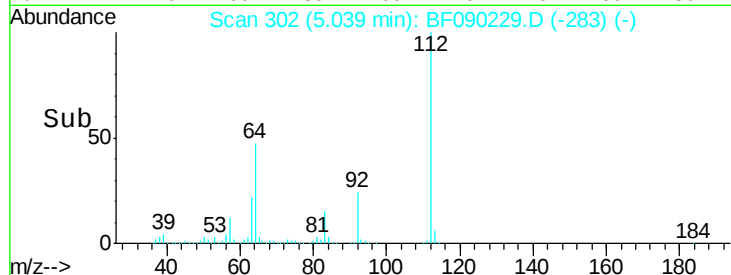
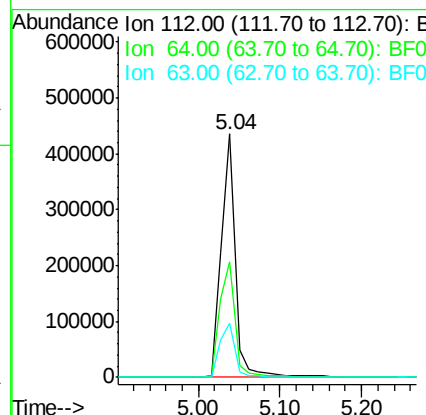
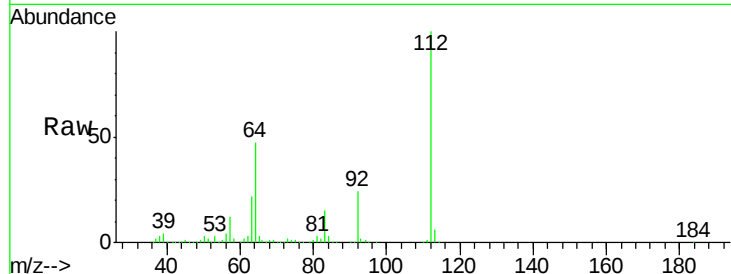
ClientSampleId :

MW-04I-092216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		523518		
64	47.4		39.8	59.6	
63	22.4		18.9	28.3	

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#6

Aniline

Concen: 26.05 ng

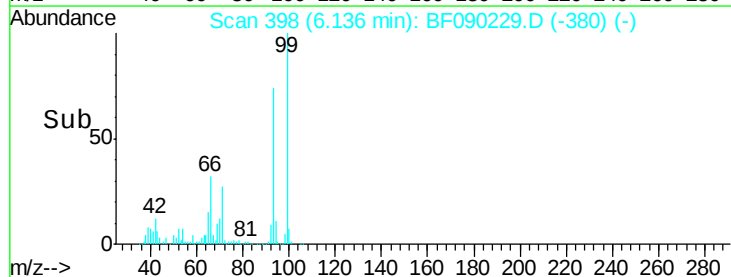
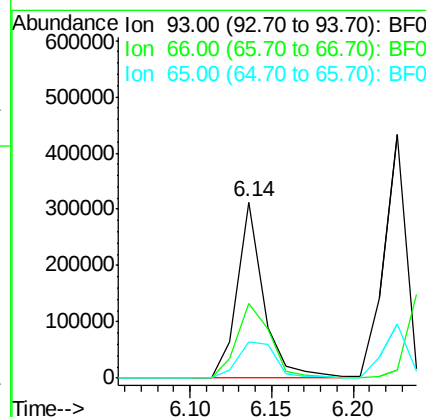
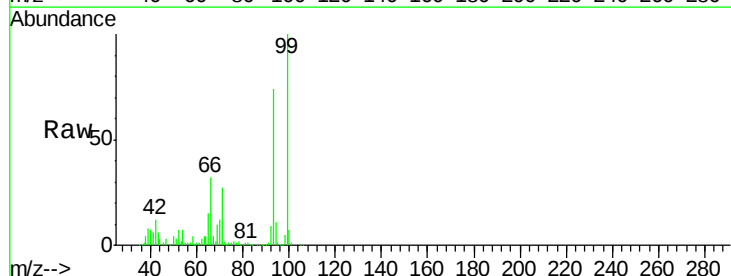
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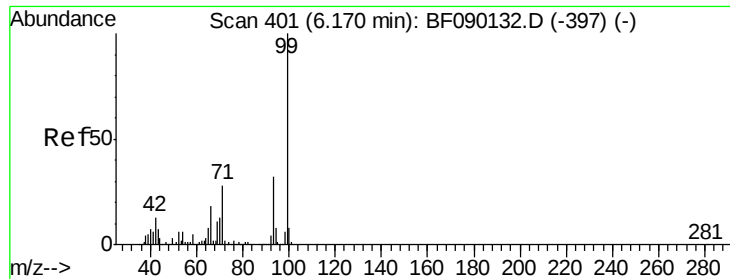
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		349778		
66	42.8		54.2	81.2#	
65	20.4		33.8	50.6#	





#7

Phenol-d6

Concen: 42.09 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

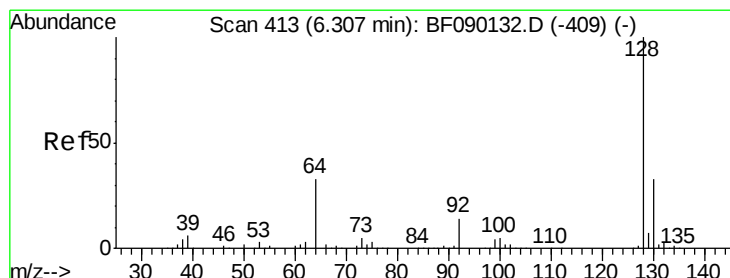
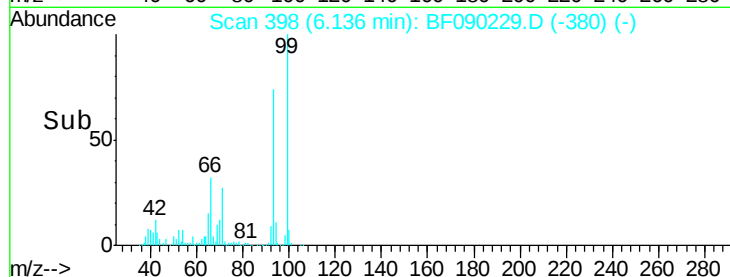
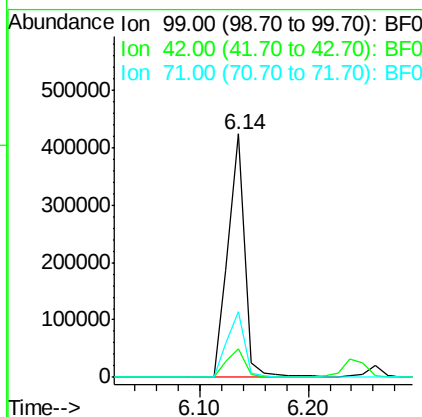
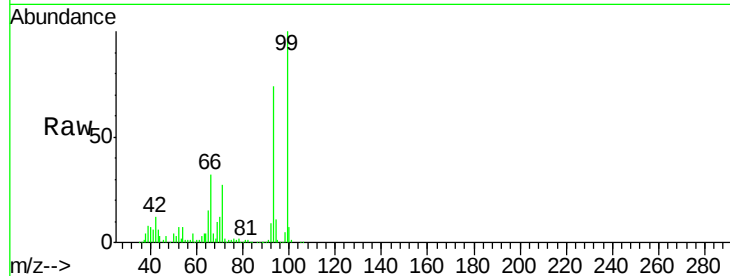
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	99	Resp:	453277
Ion Ratio	Lower	Upper	
99	100		
42	11.9	10.6	15.8
71	26.9	23.0	34.6

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#8

2-Chlorophenol

Concen: 34.05 ng

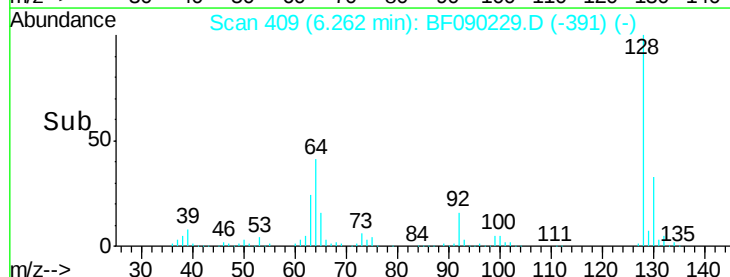
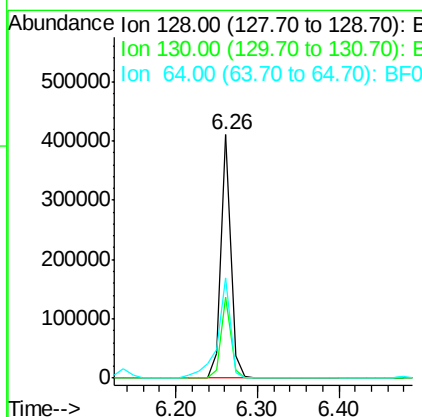
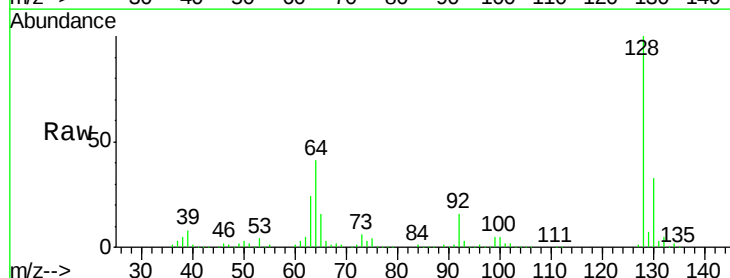
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Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	128	Resp:	341668
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.0	52.0
64	41.1	33.6	73.6





#9

Benzaldehyde

Concen: 50.58 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

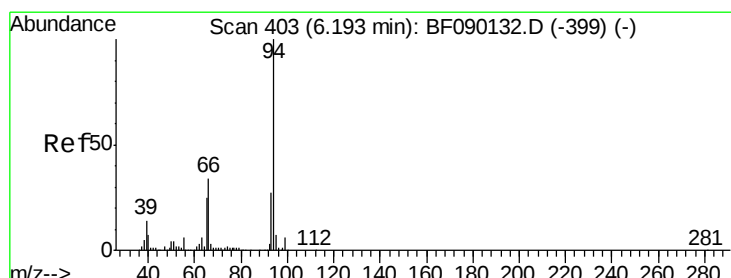
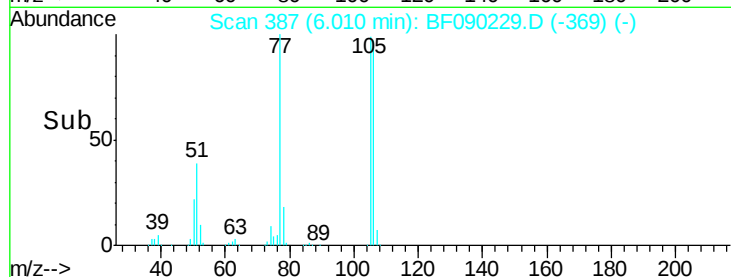
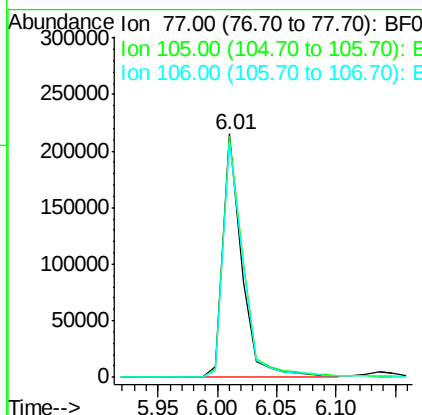
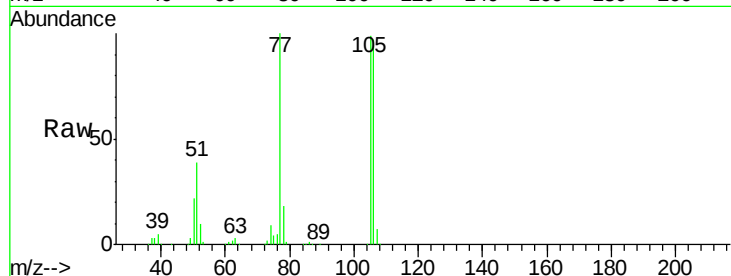
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	77	Resp:	237395
Ion Ratio	Lower	Upper	
77	100		
105	99.1	83.0	123.0
106	96.7	78.5	118.5

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#10

Phenol

Concen: 15.63 ng

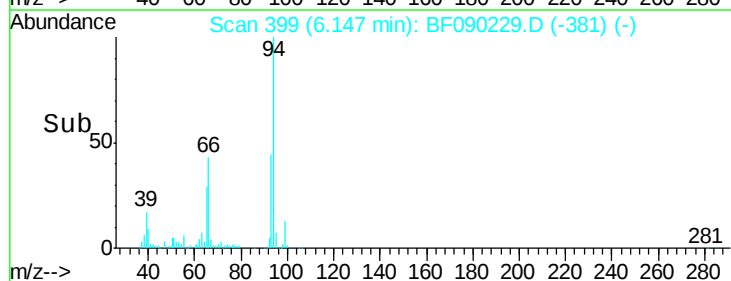
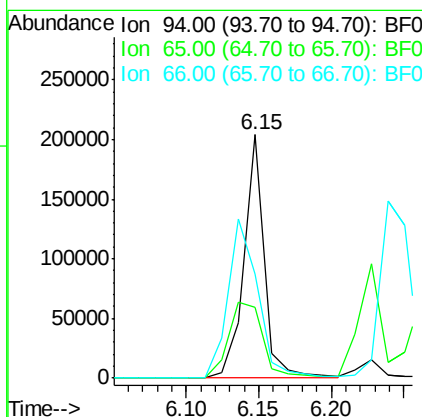
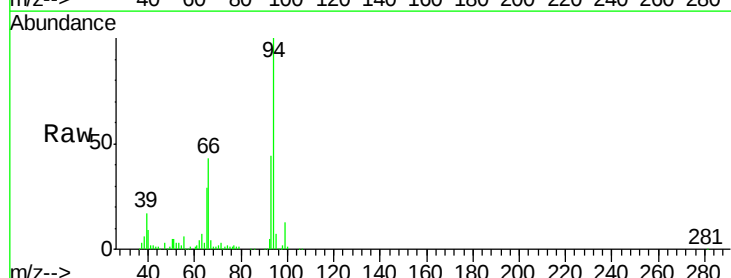
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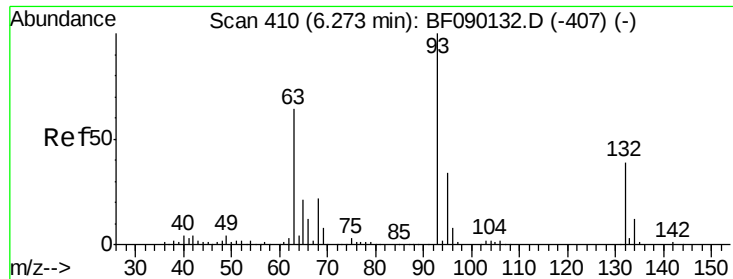
Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	199020
Ion Ratio	Lower	Upper	
94	100		
65	28.9	20.6	60.6
66	42.6	45.1	85.1#





#11

bis(2-Chloroethyl)ether

Concen: 43.03 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

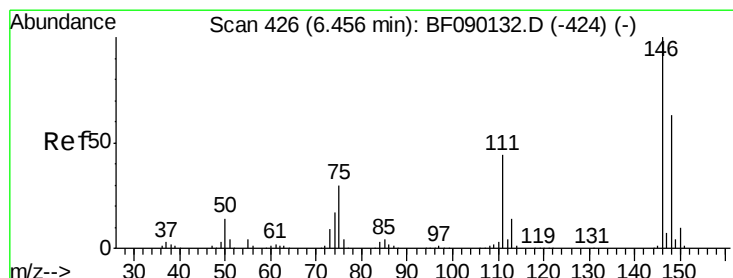
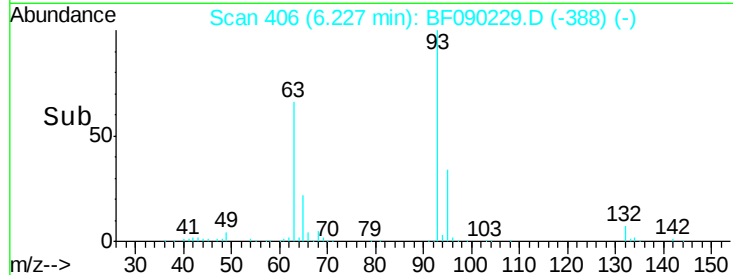
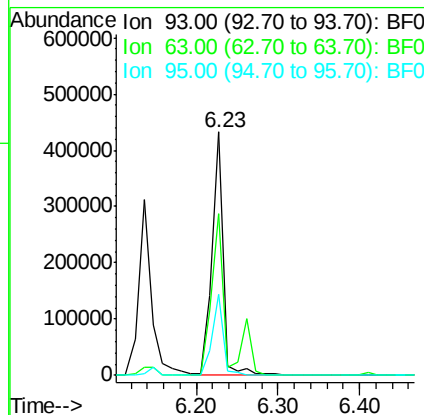
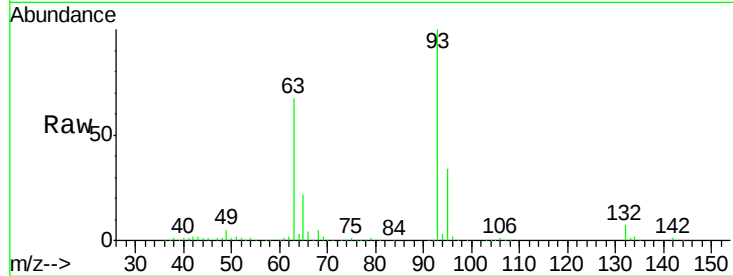
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	93	Resp:	427241
Ion Ratio	Lower	Upper	
93	100		
63	66.5	55.6	95.6
95	33.5	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 36.49 ng

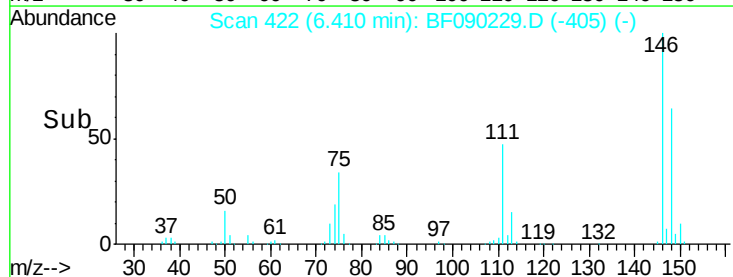
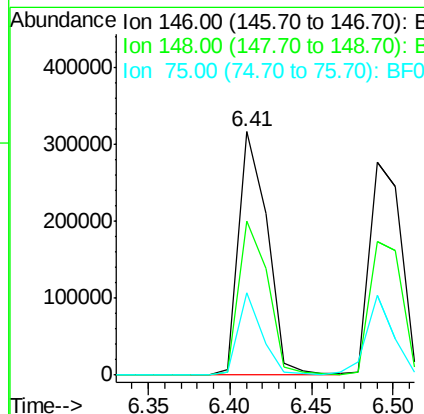
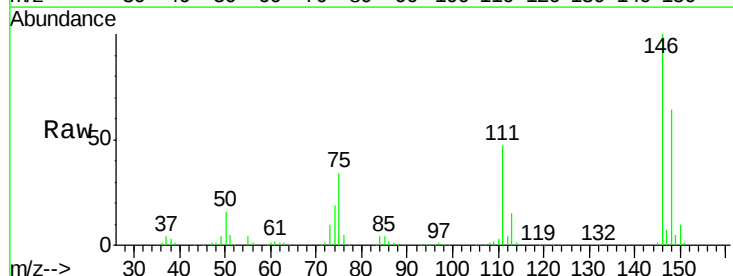
RT: 6.41 min Scan# 422

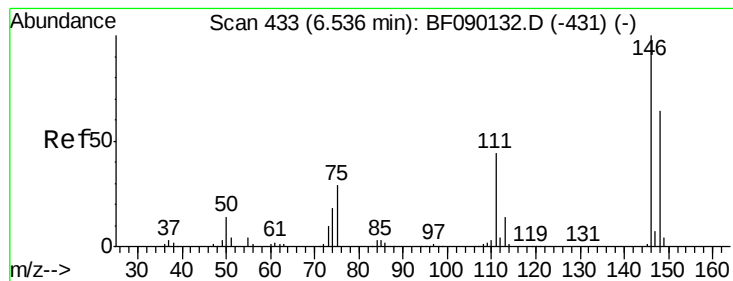
Delta R.T. -0.01 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	146	Resp:	382494
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
75	33.8	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 35.78 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

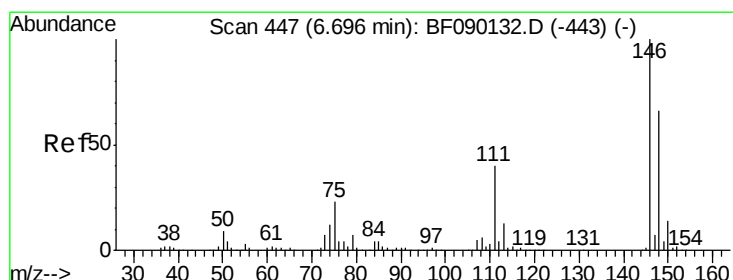
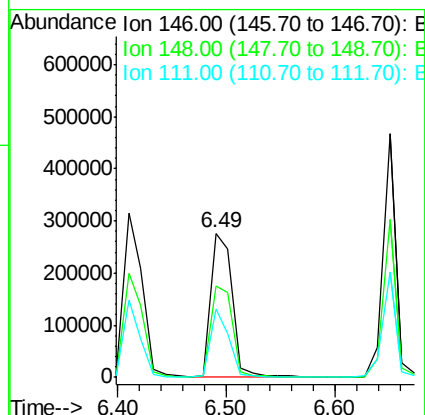
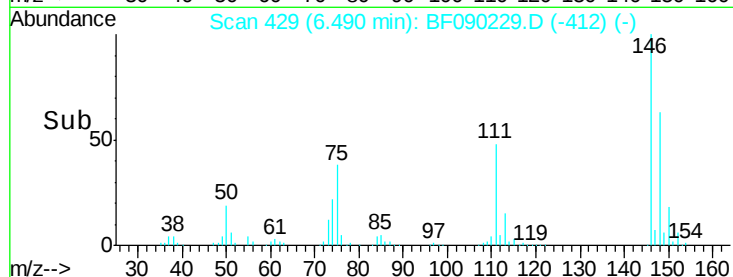
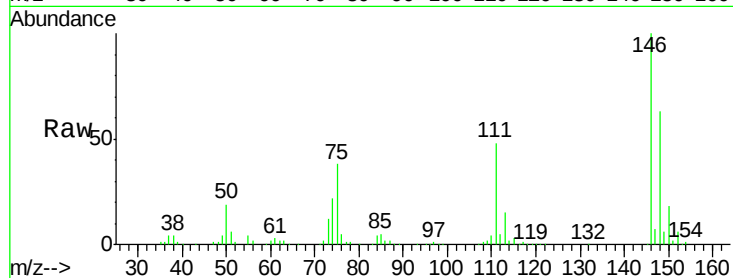
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	146	Resp:	382910
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.0	78.0
111	47.5	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 40.41 ng

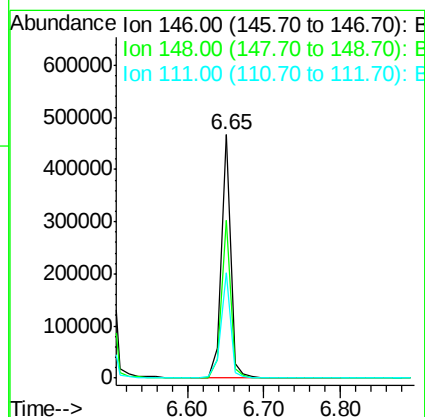
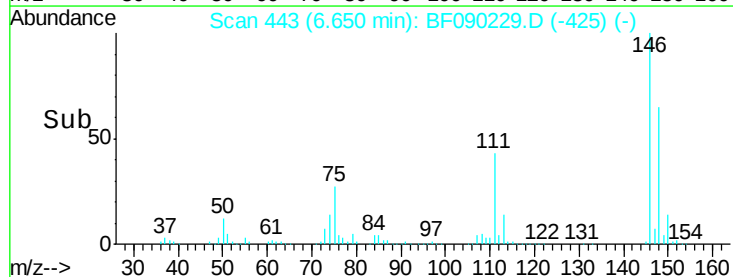
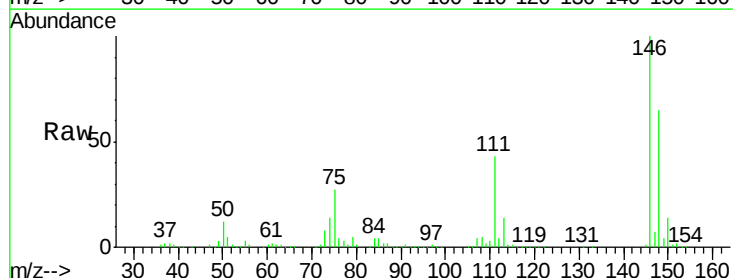
RT: 6.65 min Scan# 443

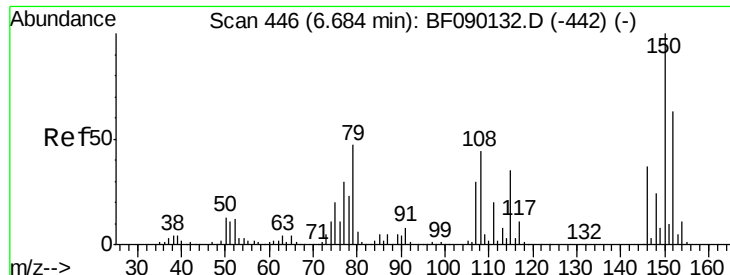
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	146	Resp:	385288
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.6	79.0
111	43.3	28.2	42.2#





#15

Benzyl Alcohol

Concen: 31.25 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

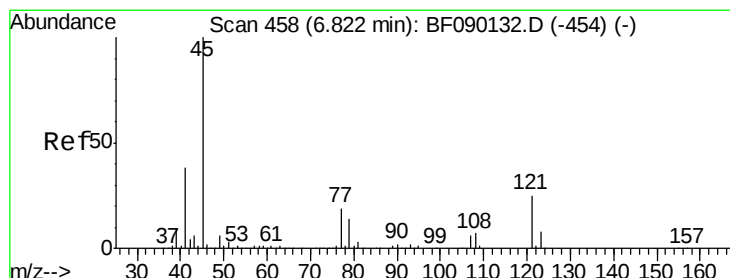
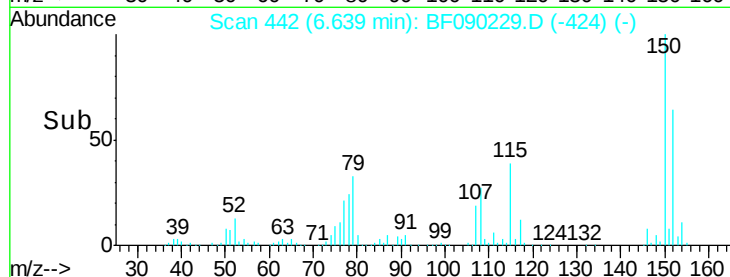
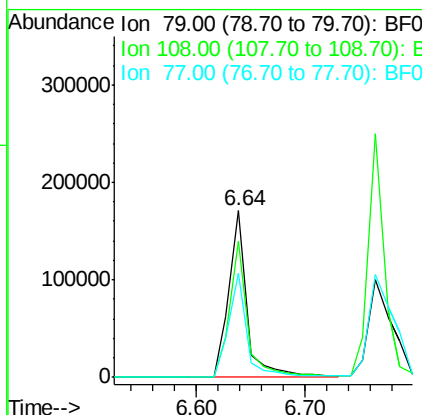
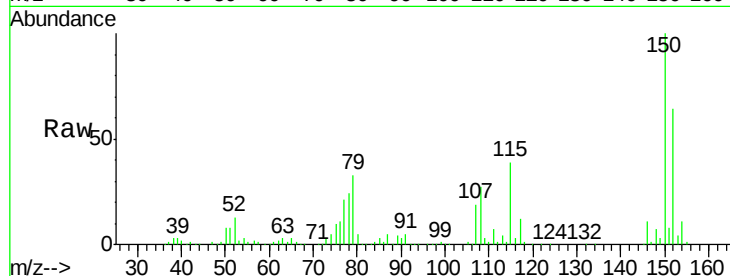
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	79	Resp:	200696
Ion Ratio	Lower	Upper	
79	100		
108	81.9	62.2	93.4
77	62.7	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.30 ng

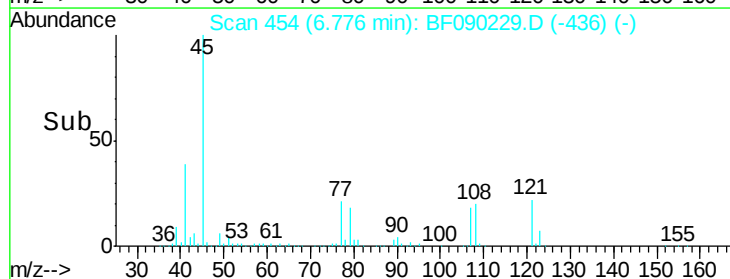
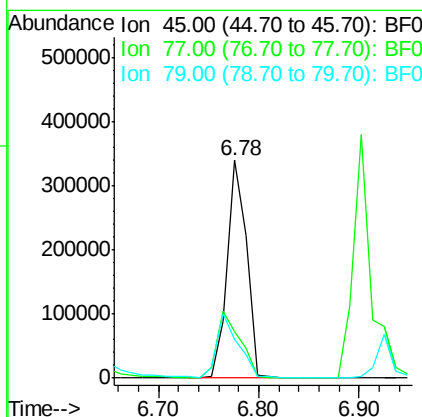
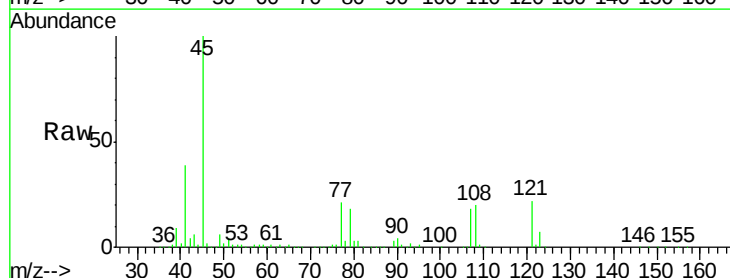
RT: 6.78 min Scan# 454

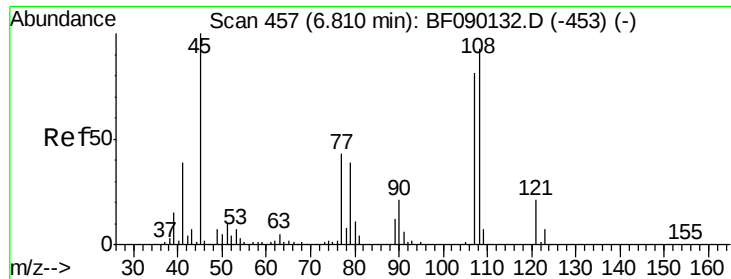
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	45	Resp:	454392
Ion Ratio	Lower	Upper	
45	100		
77	21.5	0.5	40.5
79	18.1	0.0	37.0





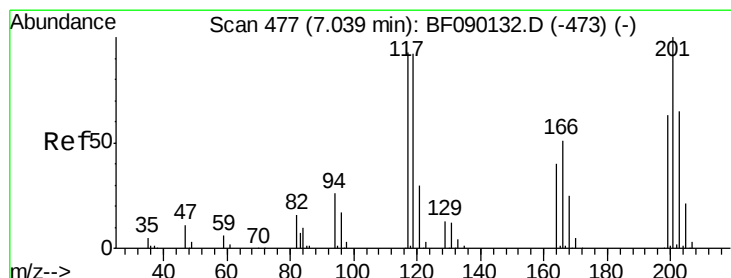
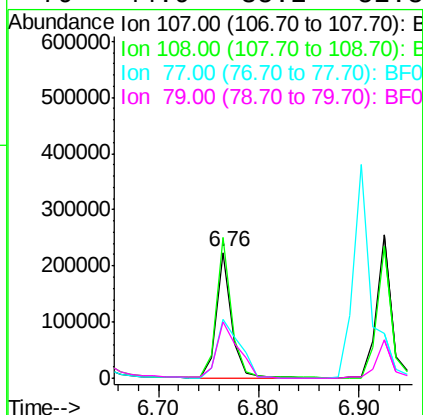
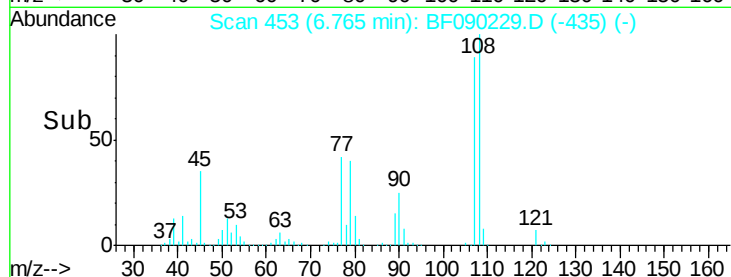
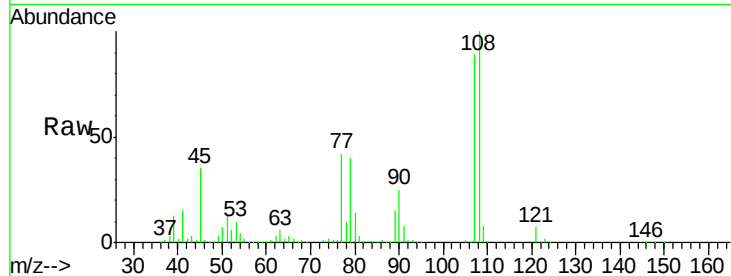
#17
2-Methylphenol
Concen: 29.41 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion:	107	Resp:	232430
Ion Ratio	Lower	Upper	
107	100		
108	111.7	92.0	138.0
77	46.9	35.6	53.4
79	44.9	35.2	52.8

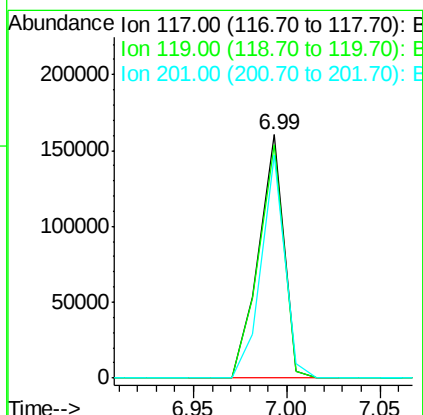
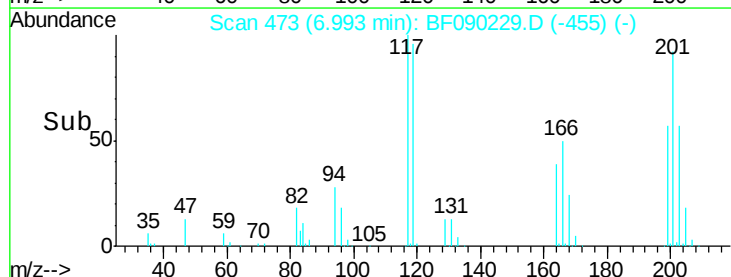
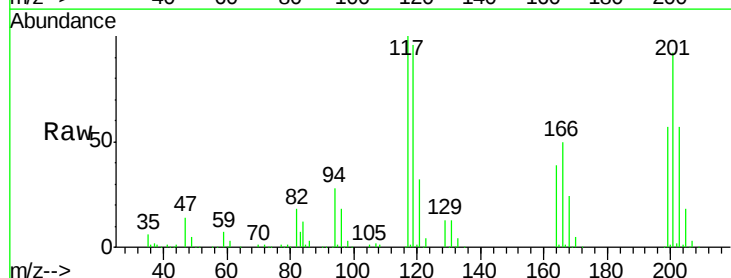
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#18
Hexachloroethane
Concen: 39.35 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion:	117	Resp:	150225
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.6	115.0
201	91.6	55.5	83.3#





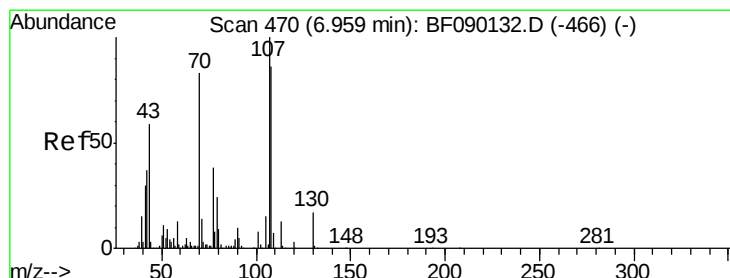
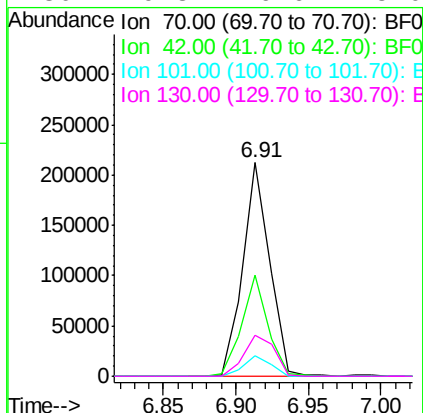
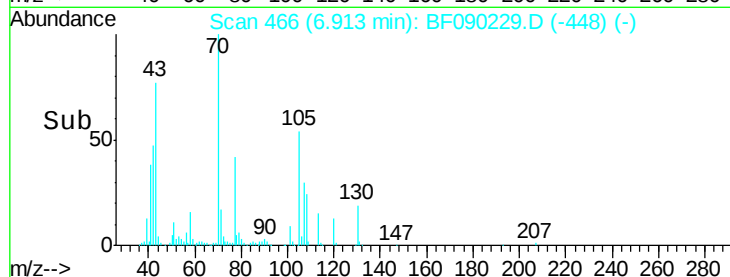
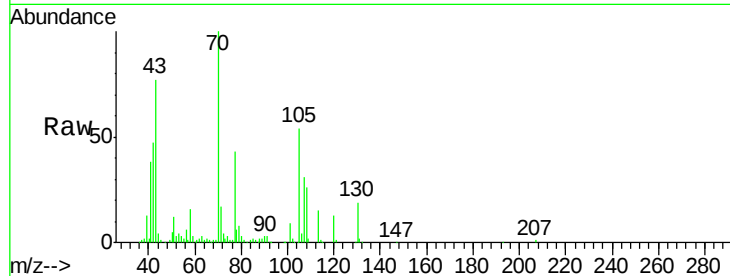
#19
n-Nitroso-di-n-propylamine
Concen: 43.11 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.5	35.1	52.7	
101	9.4	7.5	11.3	
130	19.3	16.6	25.0	

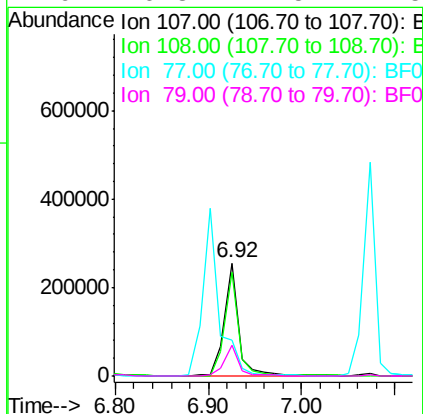
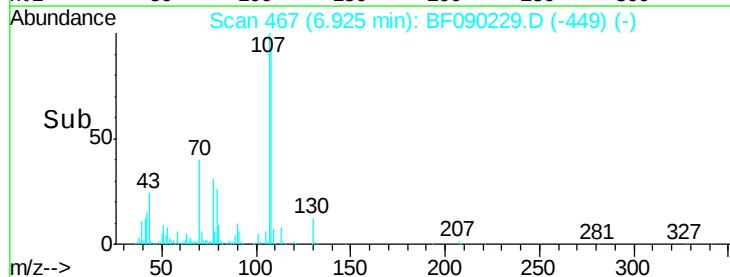
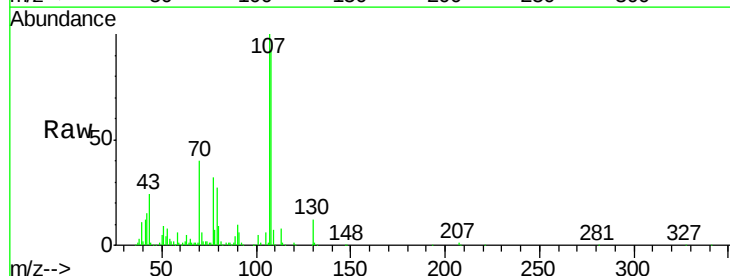
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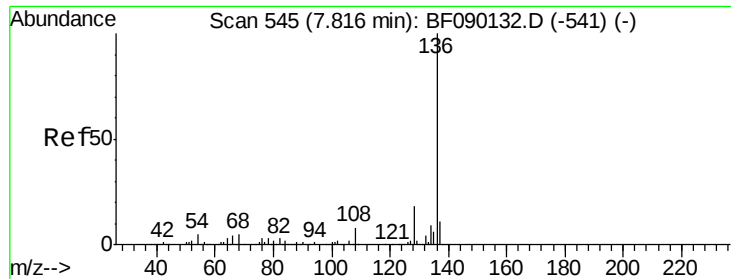
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#20
3+4-Methylphenols
Concen: 28.60 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	73.3	113.3	
77	31.6	14.1	54.1	
79	26.8	7.5	47.5	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

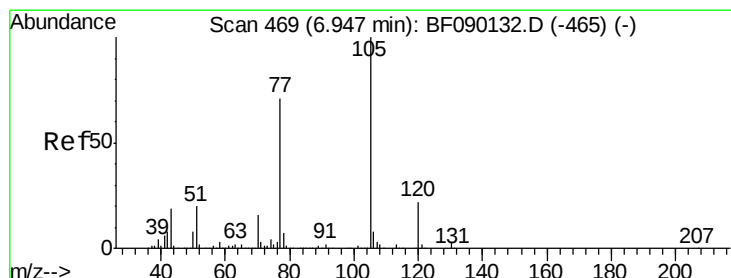
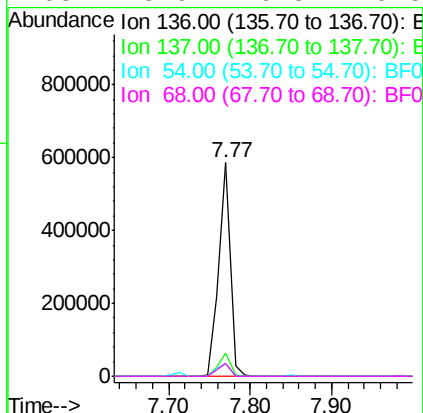
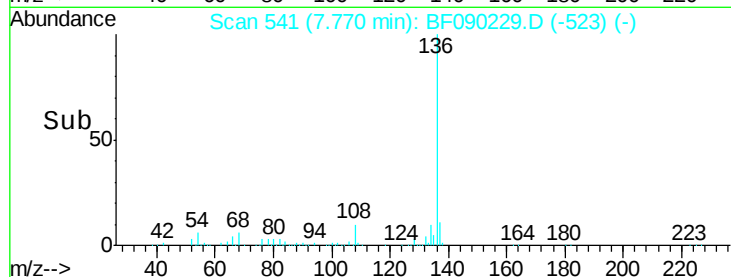
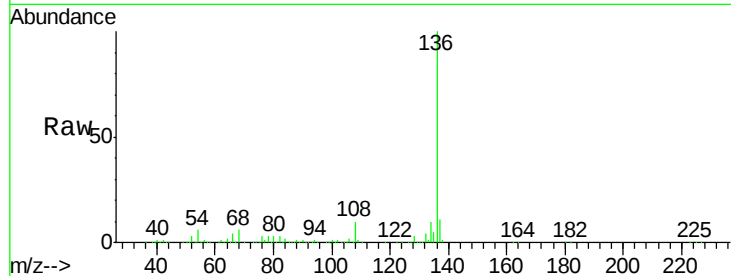
ClientSampleId :

MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	581743		
137	11.0	9.0	13.4	
54	6.0	6.4	9.6	
68	5.9	6.3	9.5	

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#22

Acetophenone

Concen: 39.81 ng

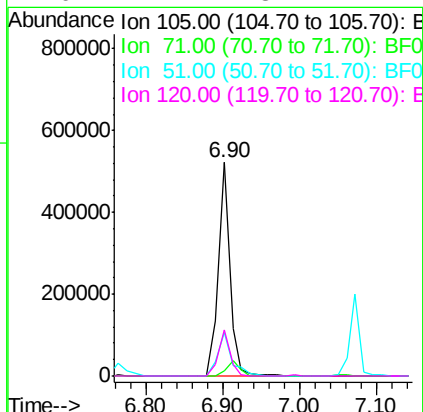
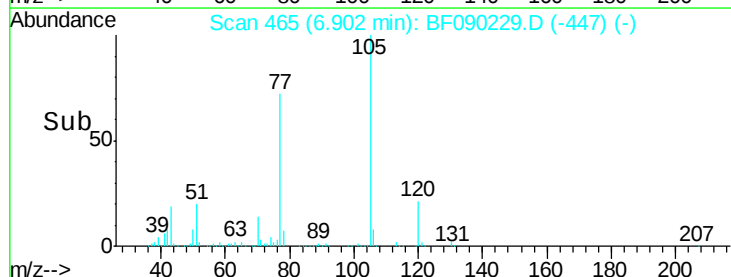
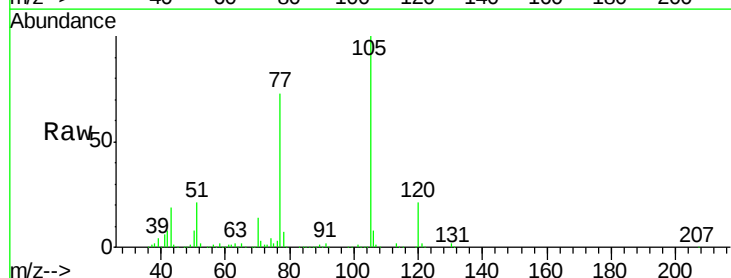
RT: 6.90 min Scan# 465

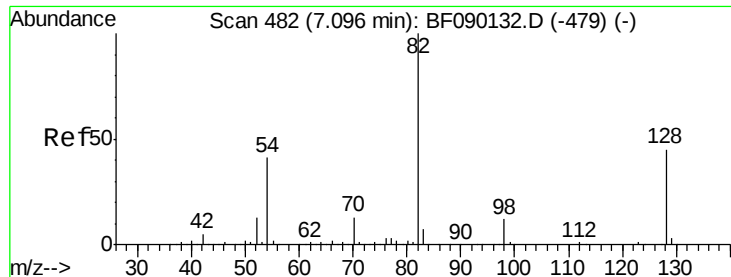
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	558439		
71	2.6	4.1	6.1	
51	20.5	16.2	24.2	
120	21.4	18.2	27.2	





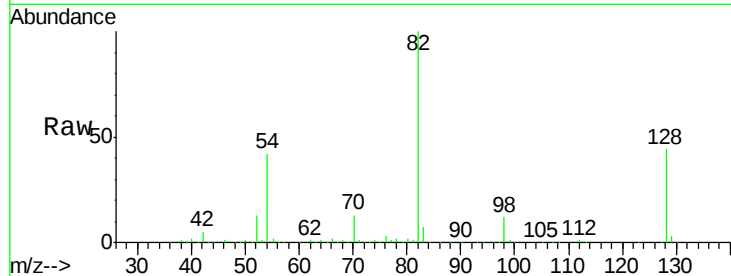
#23
 Nitrobenzene-d5
 Concen: 79.69 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

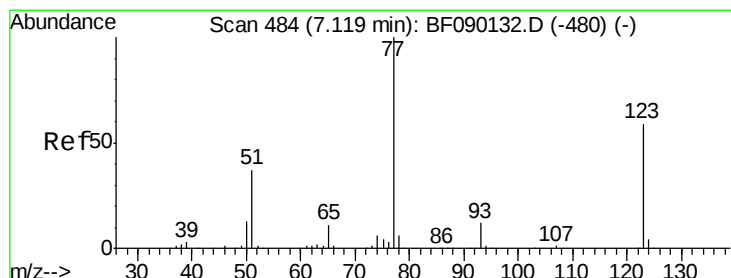
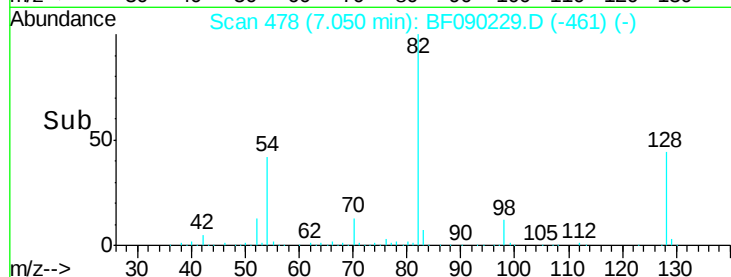
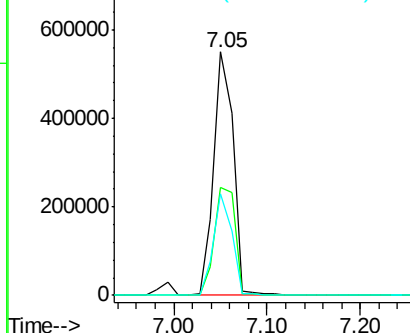
Tot Ion	82	Resp	799688
Ion	Ratio	Lower	Upper
82	100		
128	44.5	37.5	56.3
54	41.8	31.9	47.9

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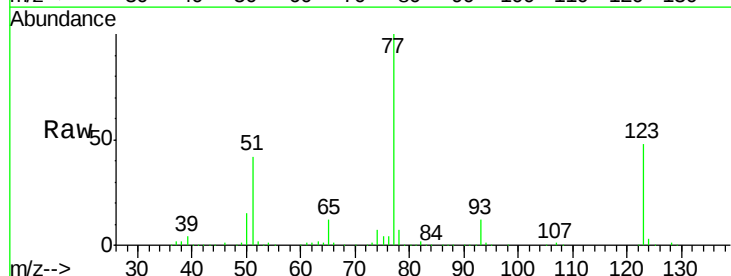


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

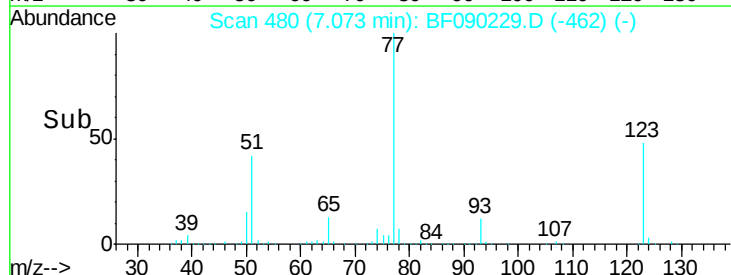
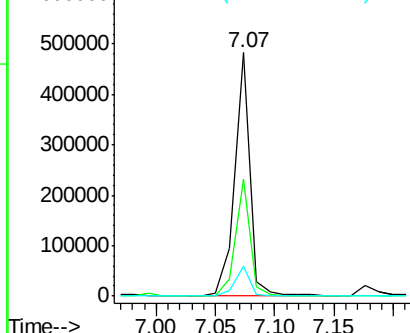


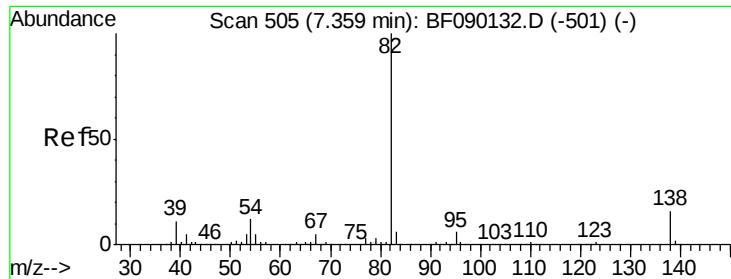
#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 7.07 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	77	Resp	425409
Ion	Ratio	Lower	Upper
77	100		
123	48.2	33.4	50.2
65	12.5	10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.24 ng

RT: 7.32 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

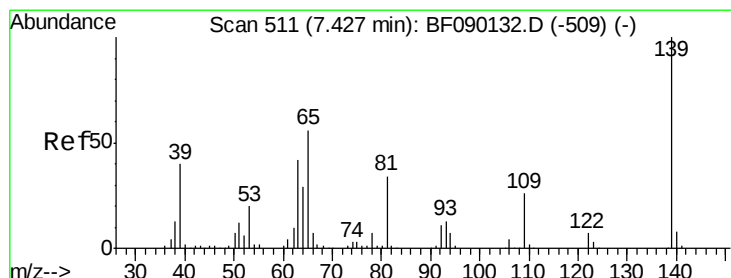
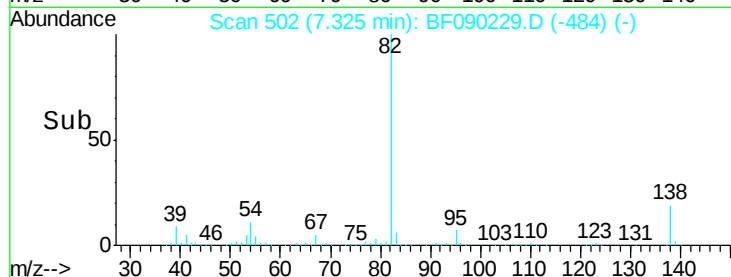
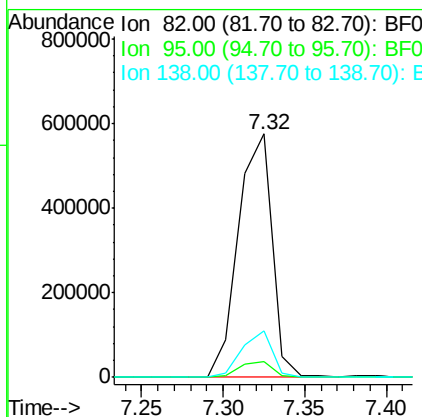
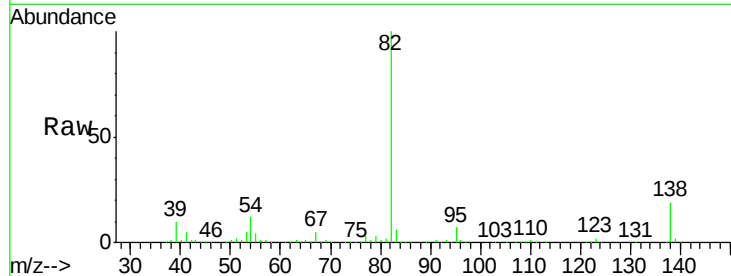
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	82	Resp:	822689
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	19.1	13.5	20.3

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#26

2-Nitrophenol

Concen: 43.88 ng

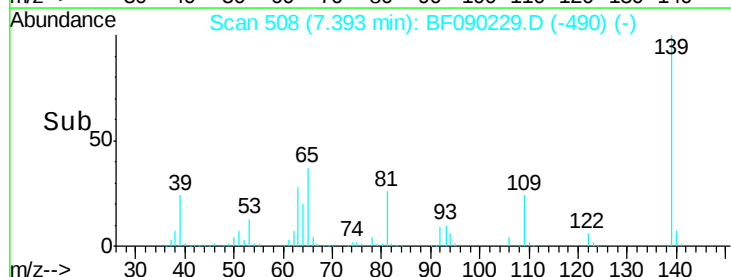
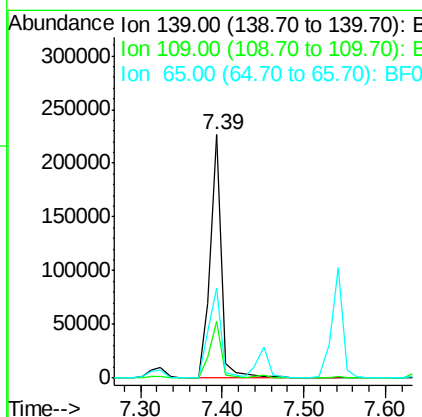
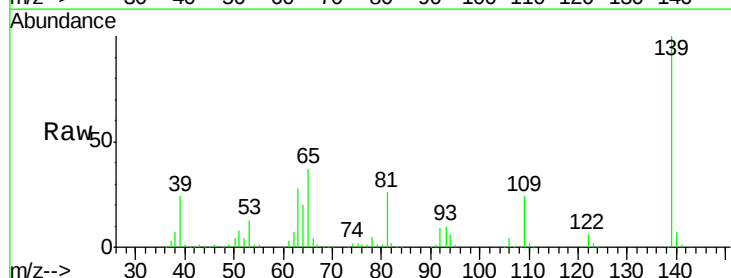
RT: 7.39 min Scan# 508

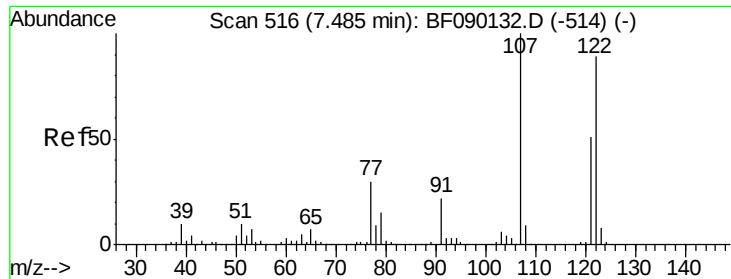
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	139	Resp:	225915
Ion Ratio	Lower	Upper	
139	100		
109	23.5	20.5	30.7
65	37.2	37.9	56.9#





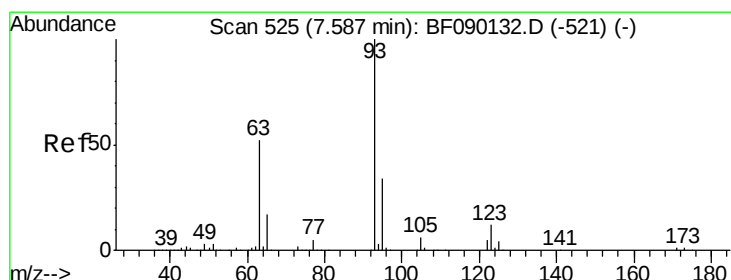
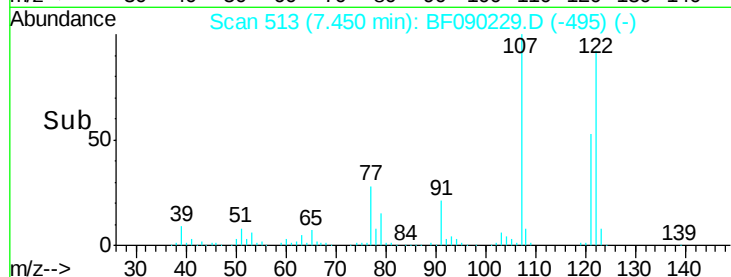
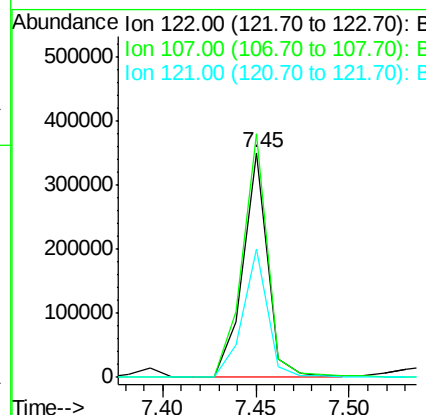
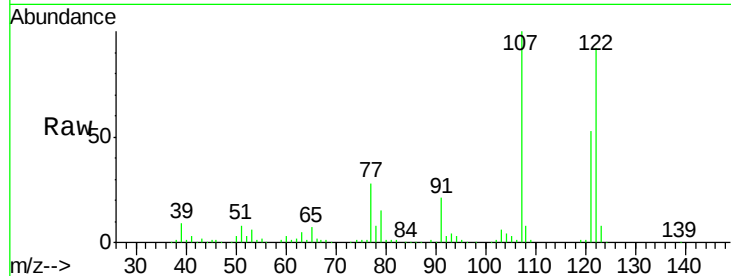
#27
 2,4-Dimethylphenol
 Concen: 35.86 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	87.8	131.6
121	57.1	45.7	68.5

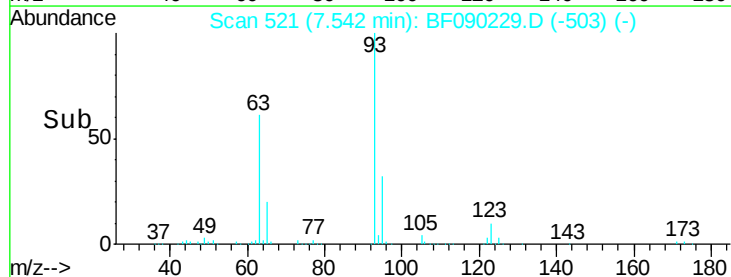
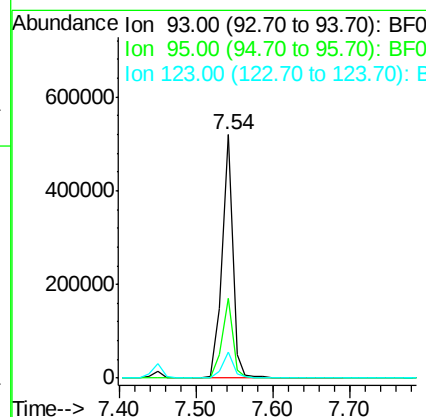
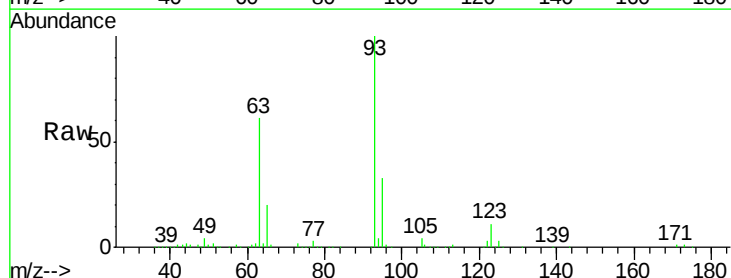
Manual Integrations
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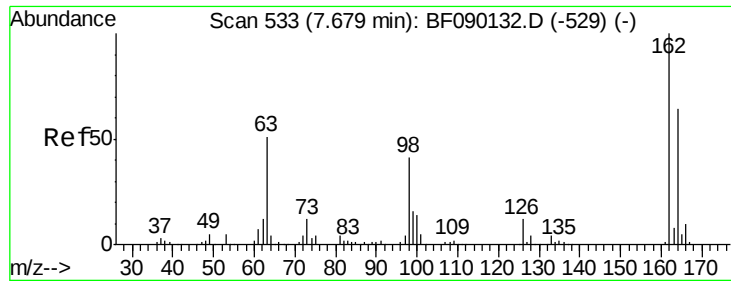
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.09 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	10.6	8.5	12.7





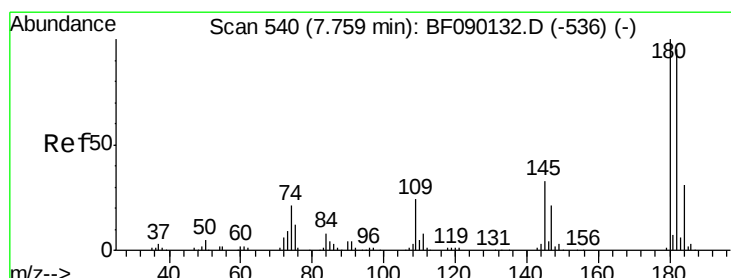
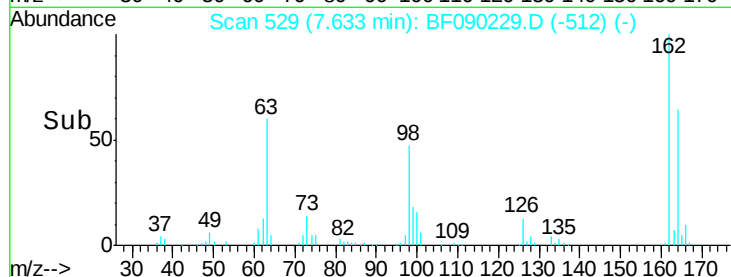
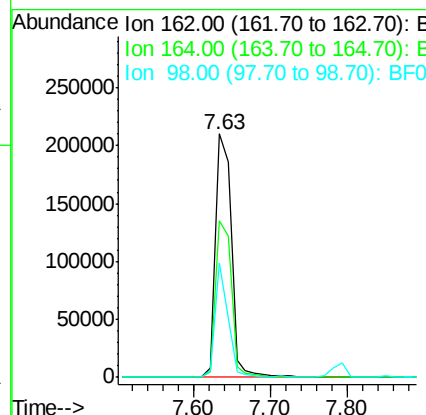
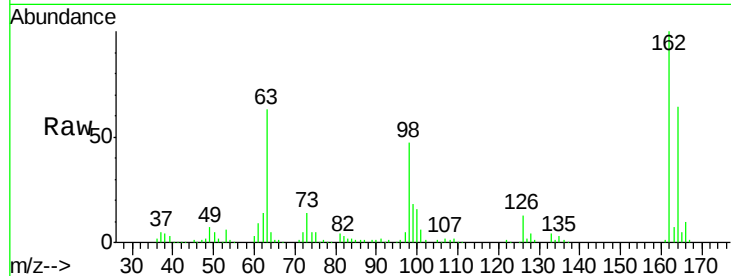
#29
 2,4-Dichlorophenol
 Concen: 37.43 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.1	46.2	86.2	
98	47.2	10.4	50.4	

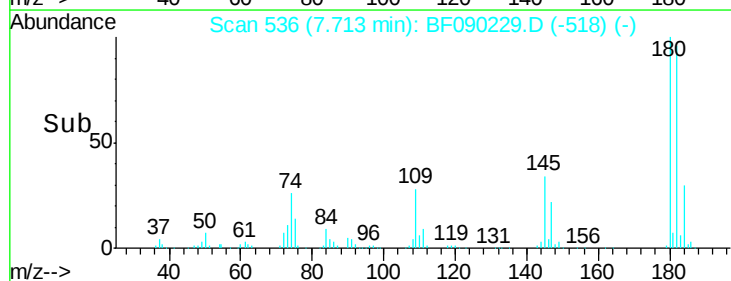
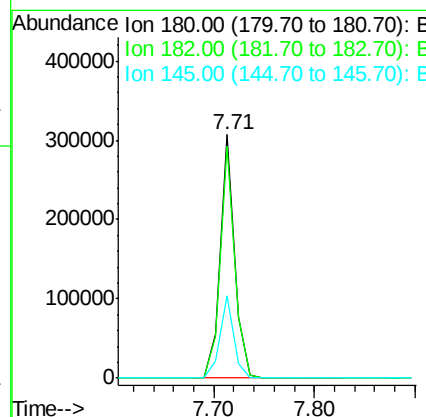
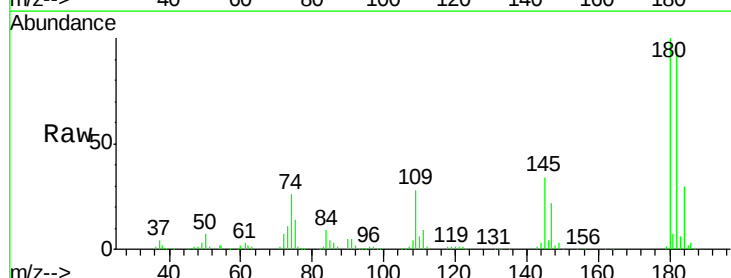
Manual Integrations
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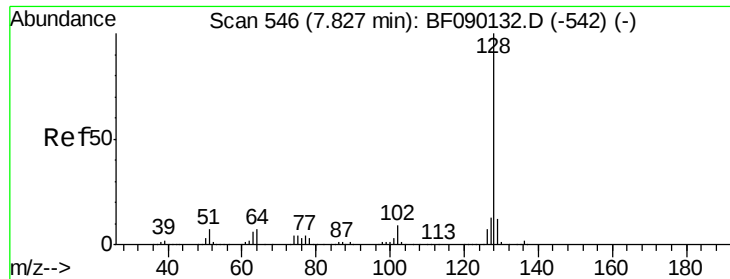
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.18 ng
 RT: 7.71 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	75.0	112.6	
145	34.1	28.6	42.8	





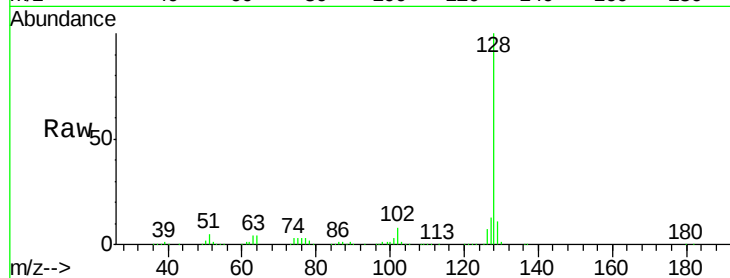
#31
Naphthalene
Concen: 42.63 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

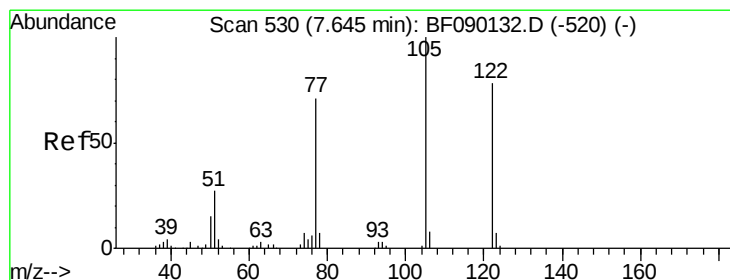
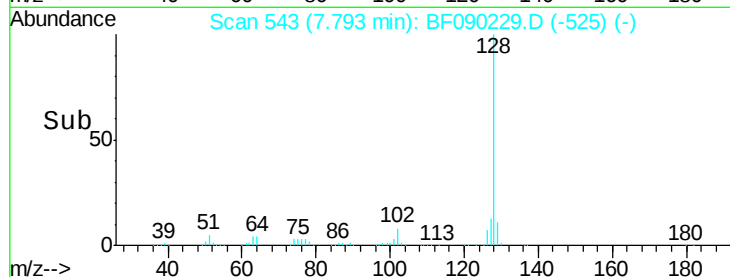
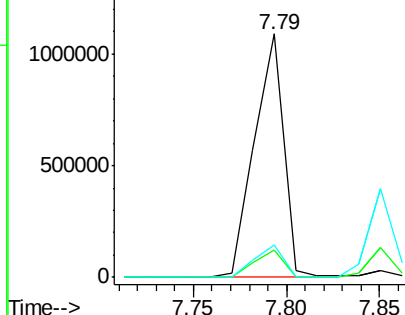
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.1	10.8	16.2

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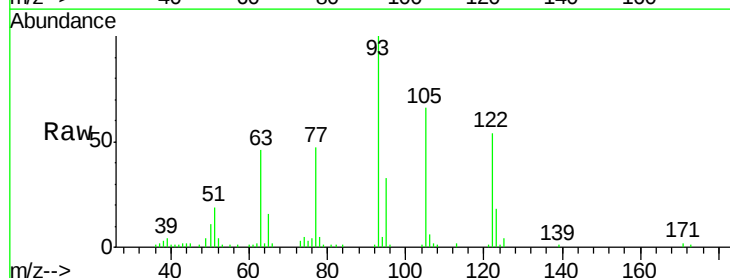


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

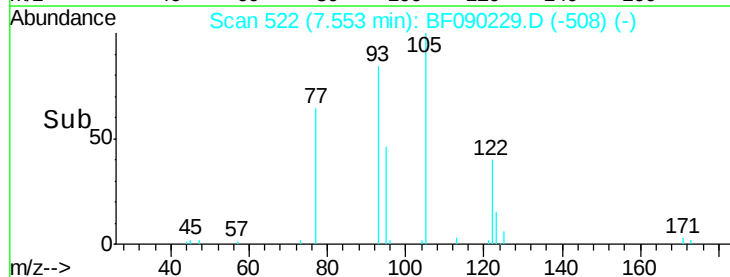
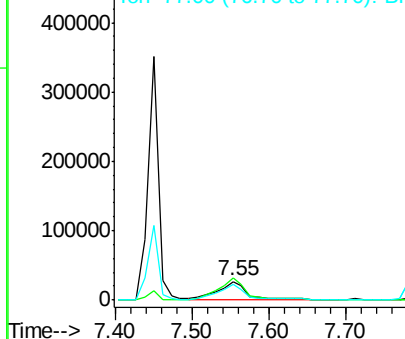


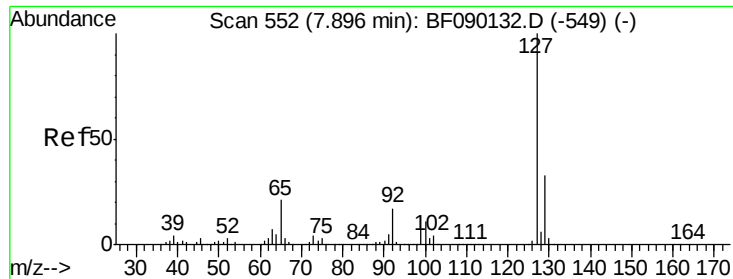
#32
Benzoic acid
Concen: 10.55 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	105.0	145.0
77	87.6	70.4	110.4



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





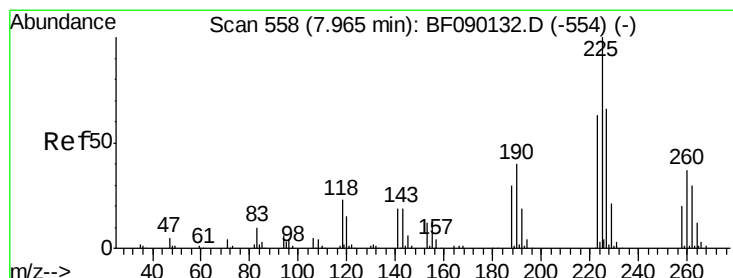
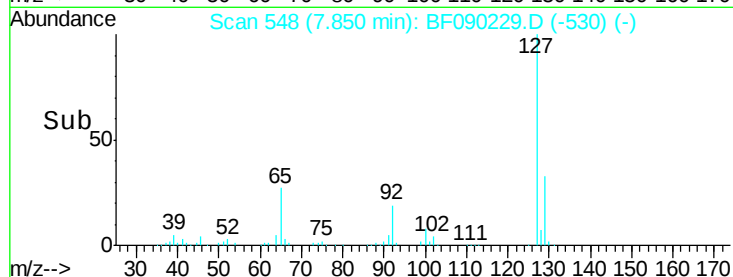
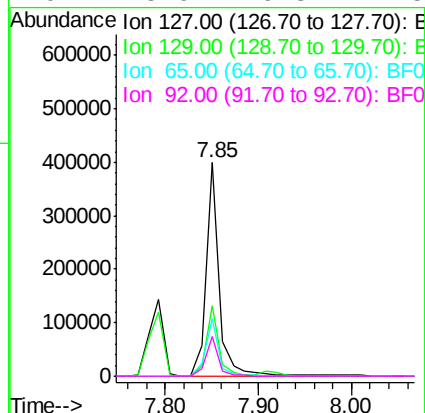
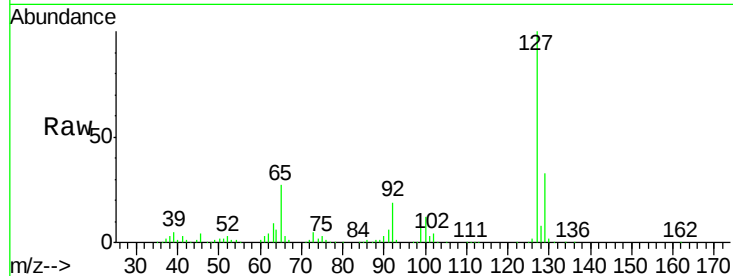
#33
4-Chloroaniline
Concen: 34.05 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.8	38.6		
65	27.1	24.1	36.1		
92	18.9	16.3	24.5		

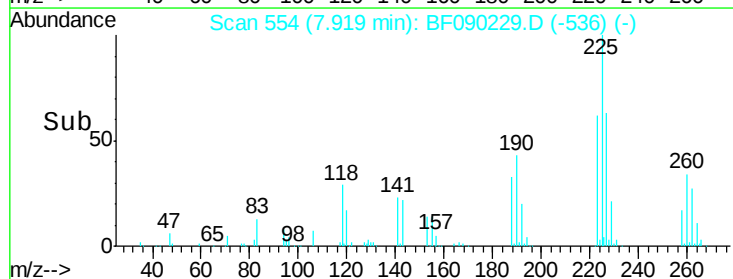
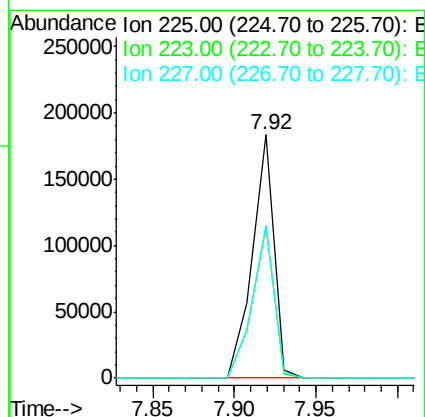
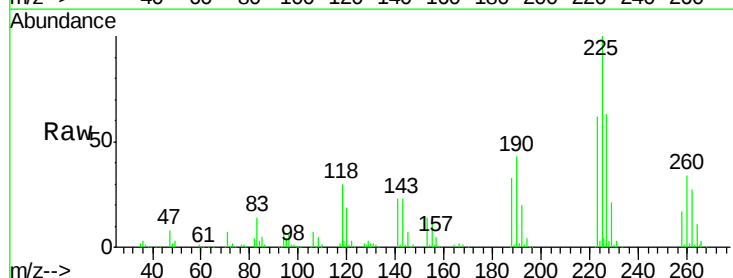
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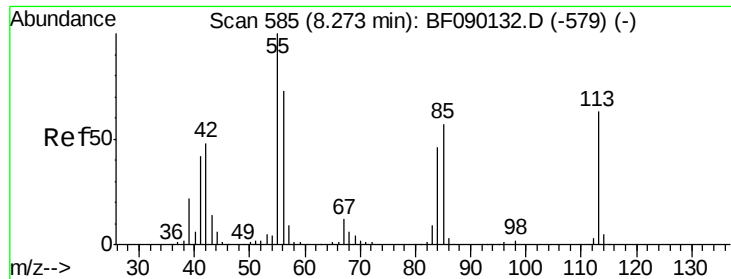
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#34
Hexachlorobutadiene
Concen: 39.96 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	51.3	76.9		
227	62.7	51.4	77.0		





#35

Caprolactam

Concen: 6.67 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

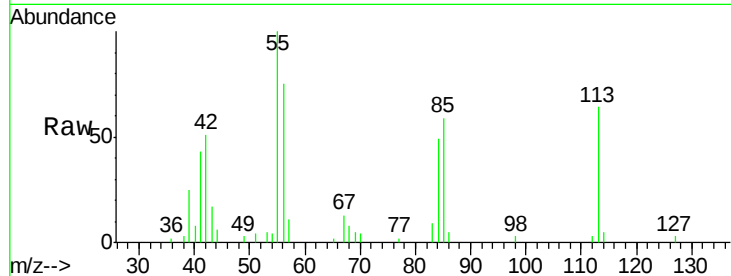
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	113	Resp:	17707
Ion	Ratio	Lower	Upper
113	100		
55	155.7	134.5	174.5
56	116.9	93.7	133.7

Manual Integrations
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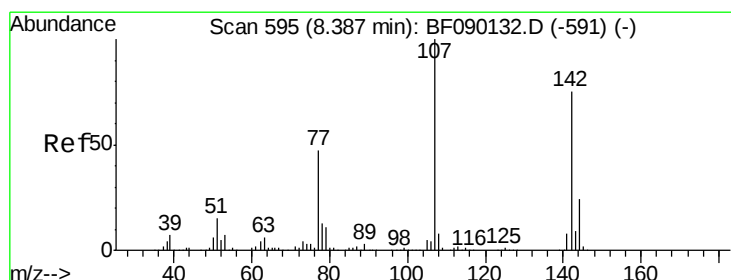
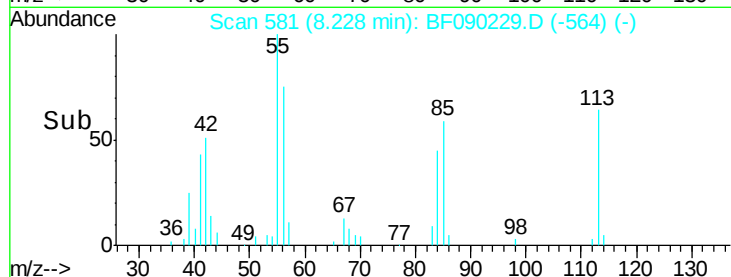
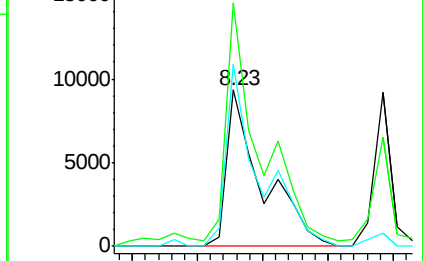
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.80 ng

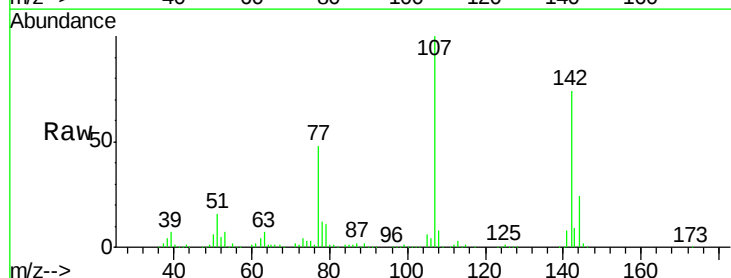
RT: 8.34 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

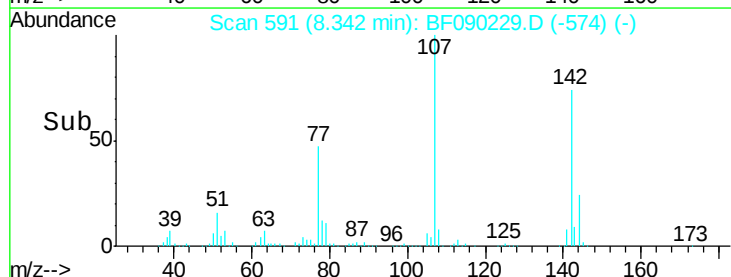
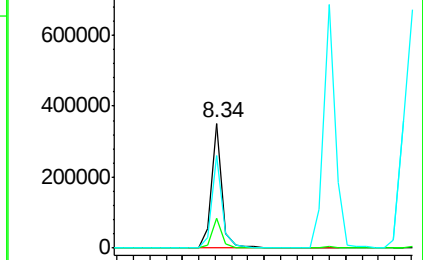
Tgt Ion:	107	Resp:	324626
Ion	Ratio	Lower	Upper
107	100		
144	24.0	18.6	27.8
142	74.1	57.0	85.6

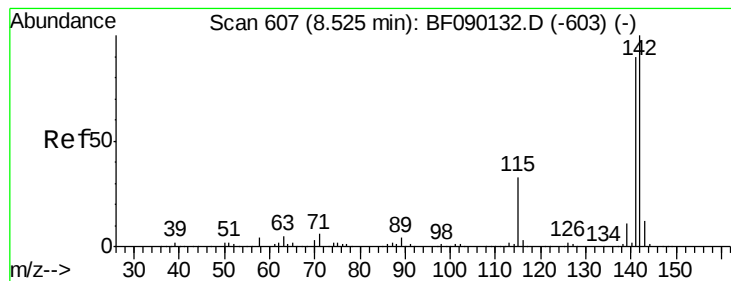


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





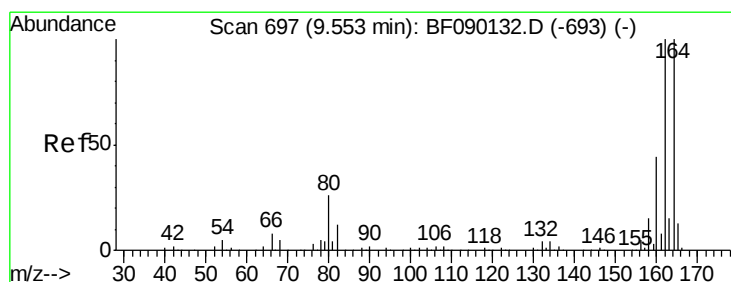
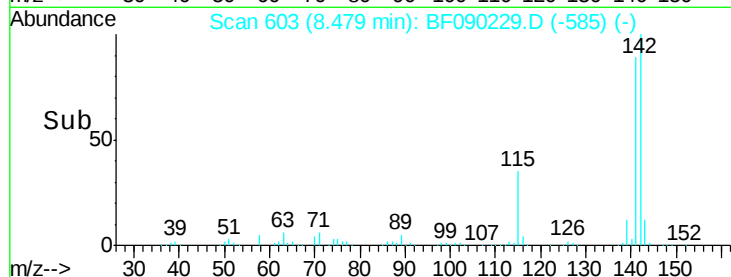
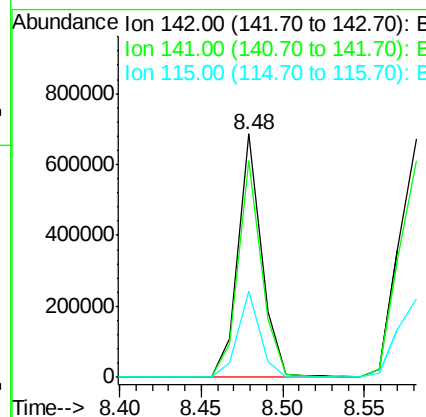
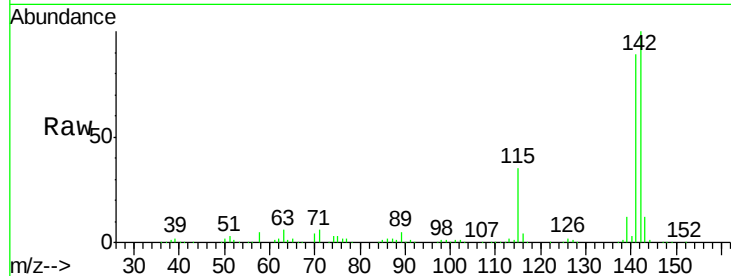
#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 8.48 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	35.3	28.3	42.5

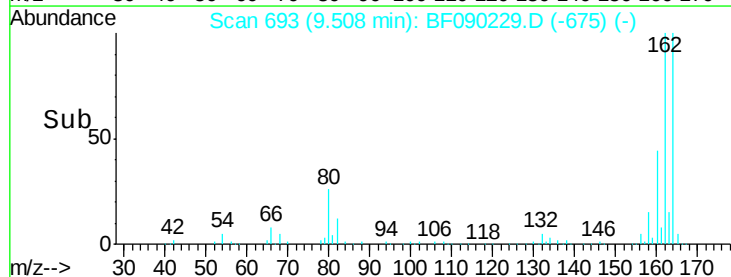
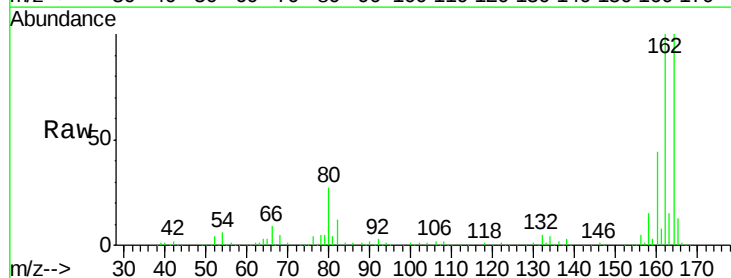
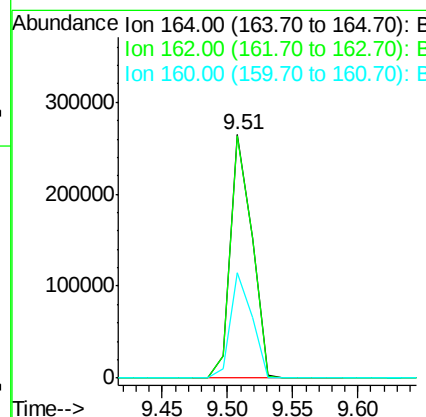
Manual Integrations
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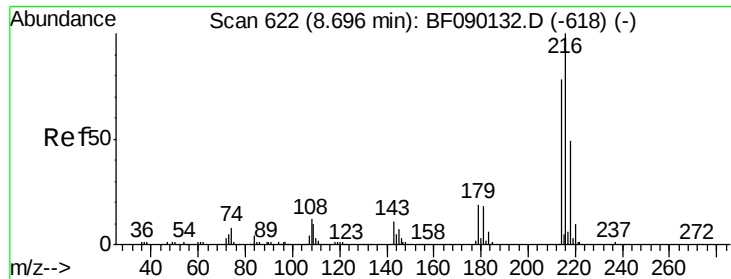
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.2
160	43.5	36.6	54.8





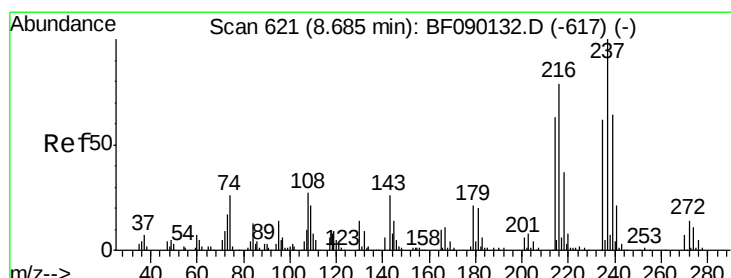
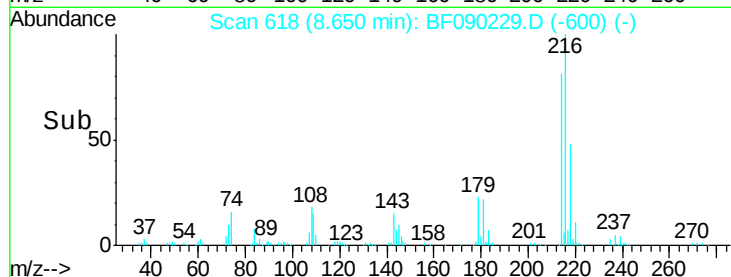
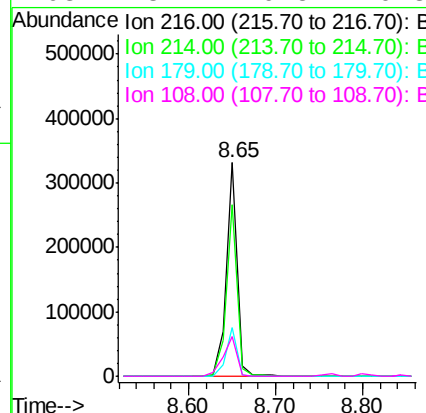
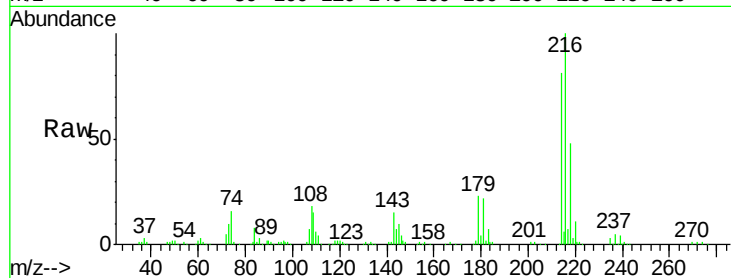
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.10 ng
RT: 8.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		294602		
214	80.2	63.7	95.5		
179	22.5	18.5	27.7		
108	23.1	19.5	29.3		

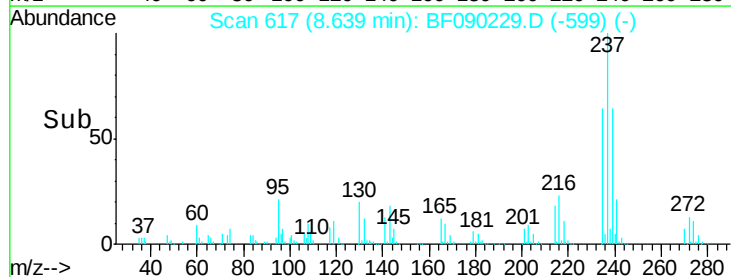
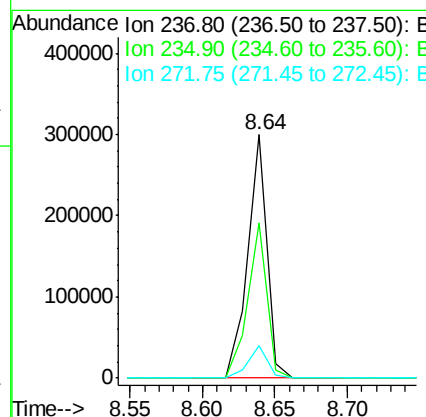
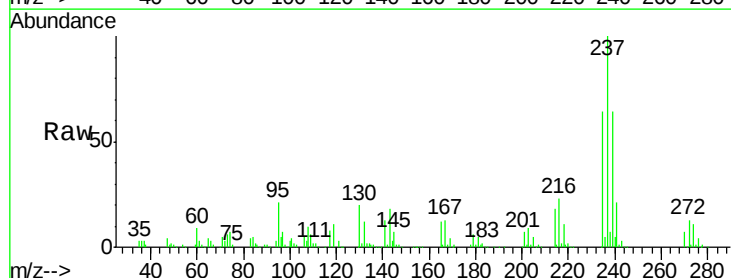
Manual Integrations
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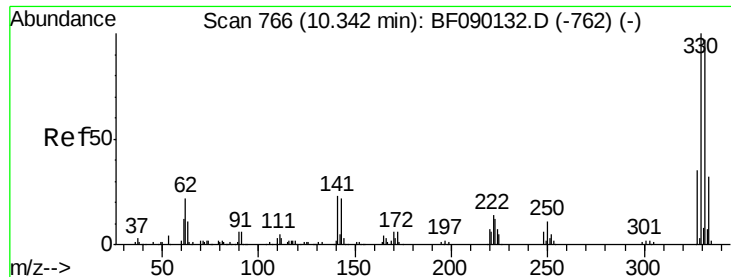
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#40
Hexachlorocyclopentadiene
Concen: 79.78 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		275465		
235	63.6	42.5	82.5		
272	13.2	0.0	32.0		





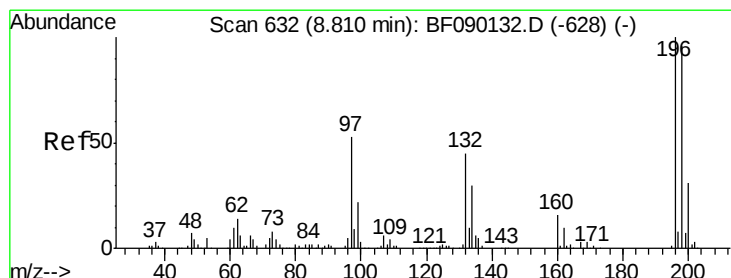
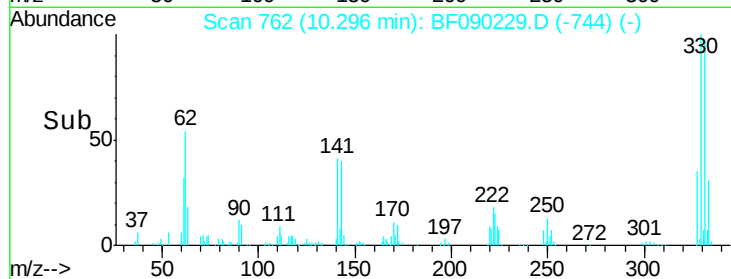
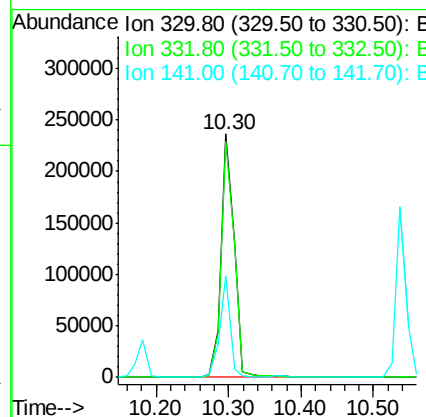
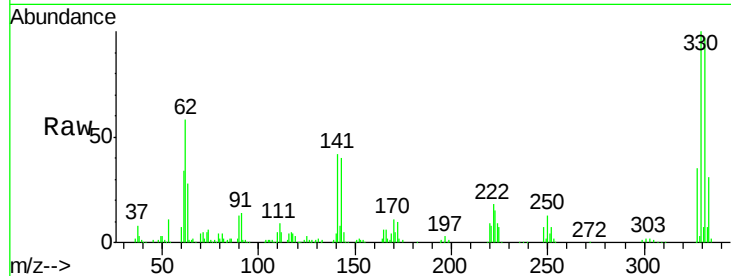
#41
 2,4,6-Tribromophenol
 Concen: 113.56 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296998		
332	97.1		78.1	117.1
141	33.5		23.9	35.9

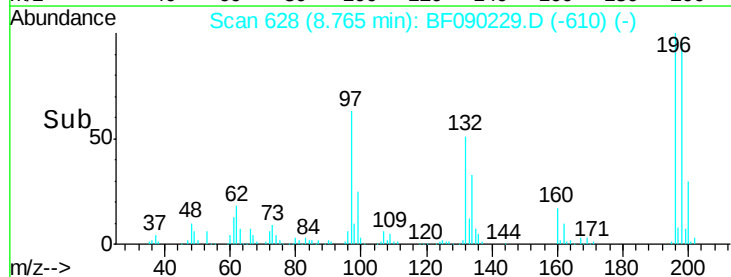
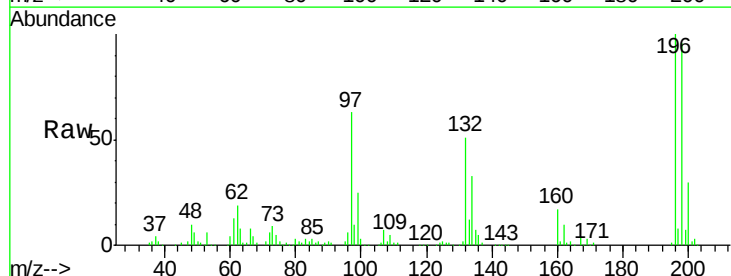
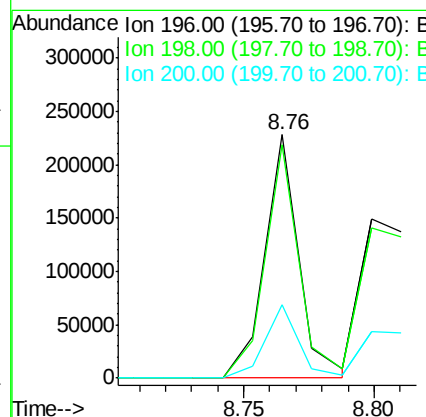
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#42
 2,4,6-Trichlorophenol
 Concen: 41.83 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208594		
198	96.1		76.3	114.5
200	30.3		24.1	36.1





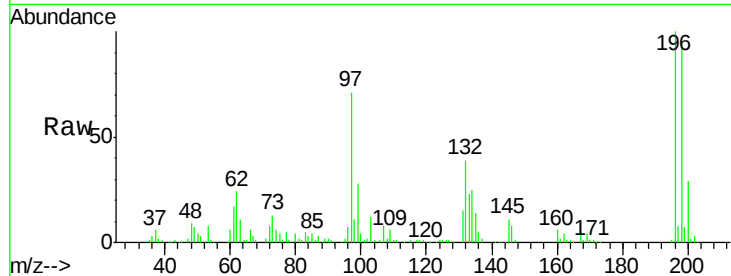
#43
 2,4,5-Trichlorophenol
 Concen: 41.09 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

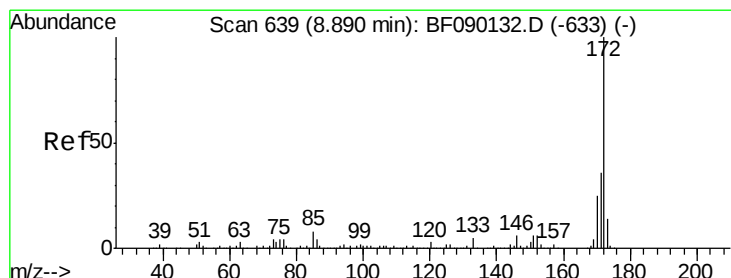
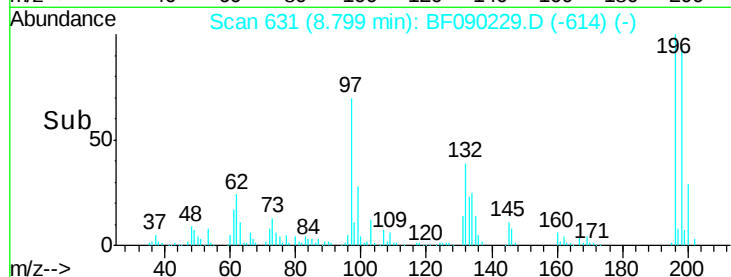
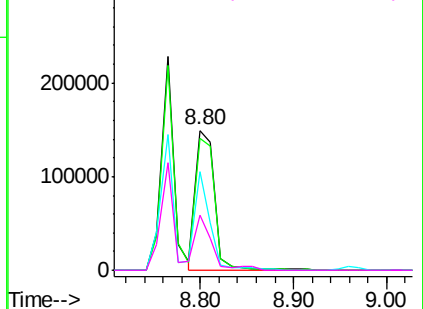
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		212181		
198	94.2	76.6	114.8		
97	70.7	34.4	51.6		
132	39.2	22.2	33.2		

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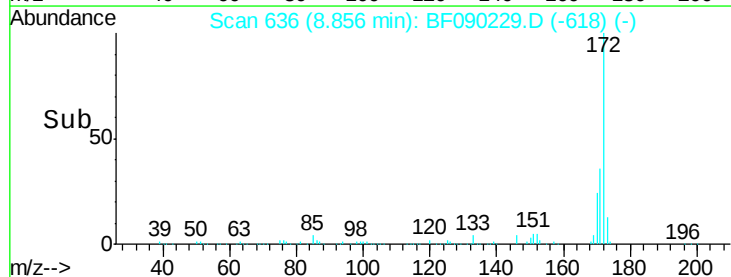
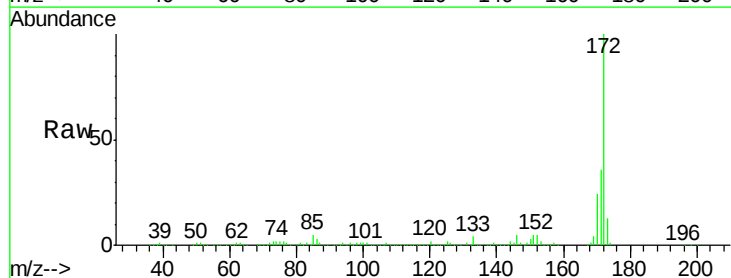
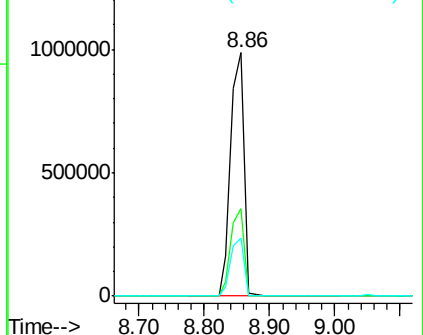
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

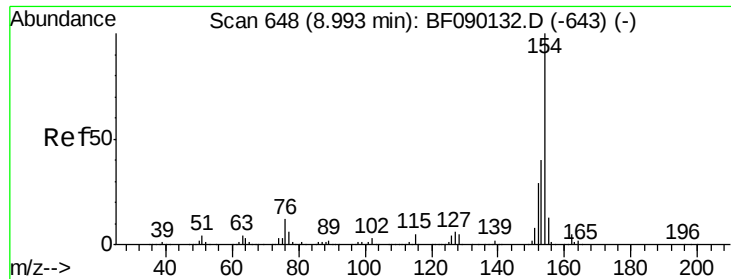


#44
 2-Fluorobiphenyl
 Concen: 89.64 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1391916		
171	35.8	29.2	43.8		
170	24.1	19.8	29.8		

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





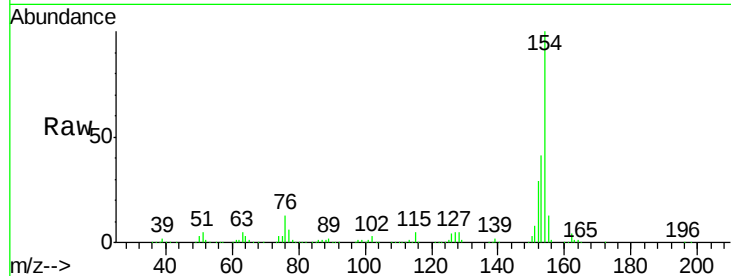
#45
 1,1'-Biphenyl
 Concen: 41.02 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

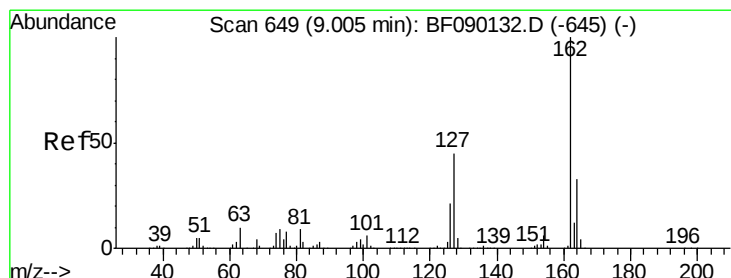
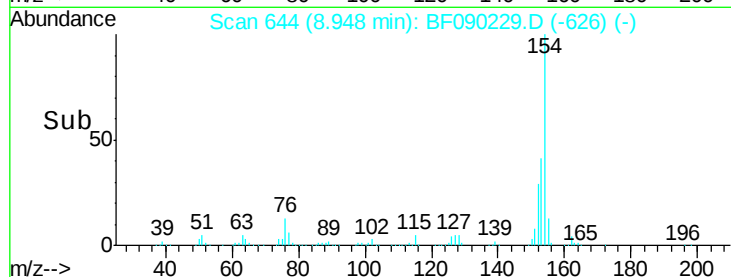
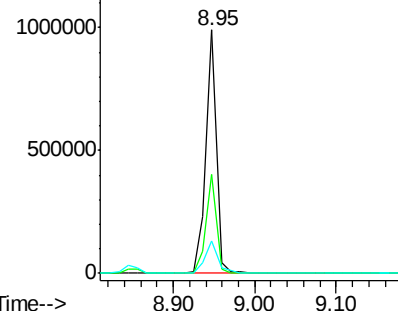
Tot Ion:	154	Resp:	894780
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	13.4	0.0	36.7

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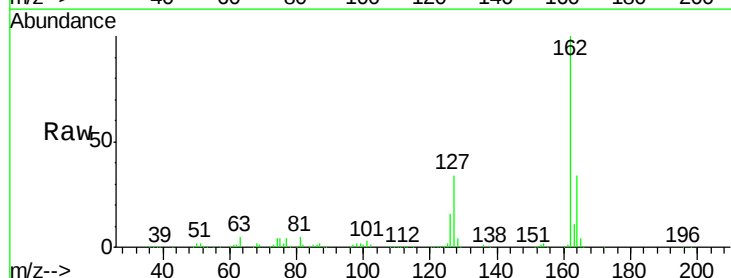


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

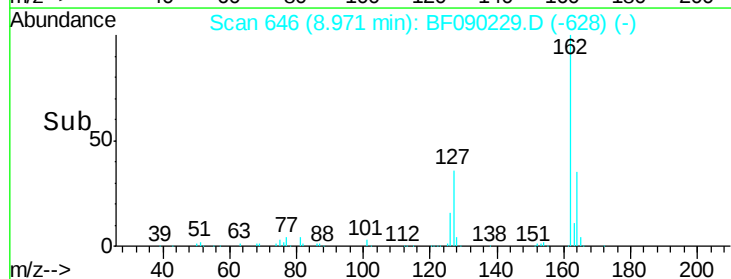
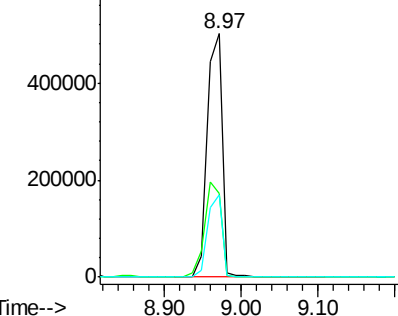


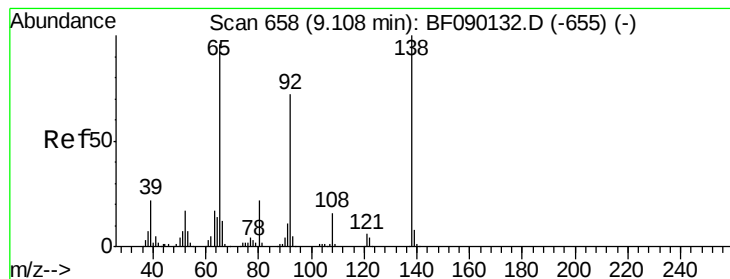
#46
 2-Chloronaphthalene
 Concen: 43.17 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion:	162	Resp:	694643
Ion Ratio	Lower	Upper	
162	100		
127	34.3	34.0	51.0
164	33.7	26.8	40.2



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: 43.32 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

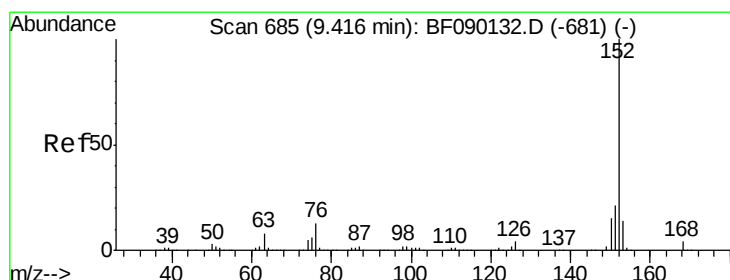
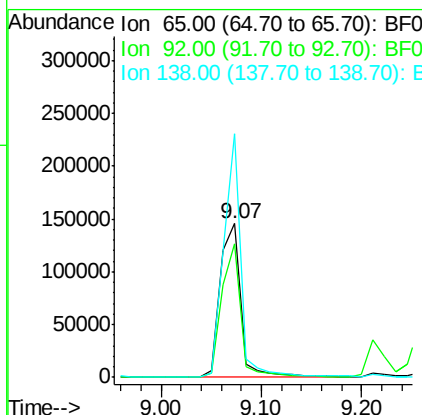
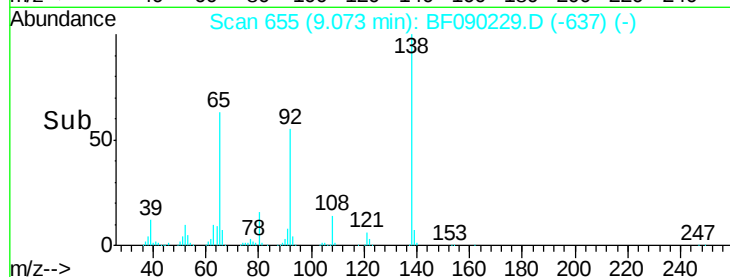
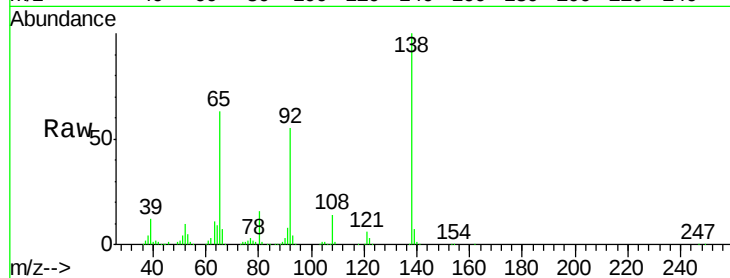
ClientSampleId :

MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	87.3	66.1	99.1
138	158.5	104.1	156.1#

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#48

Acenaphthylene

Concen: 38.17 ng

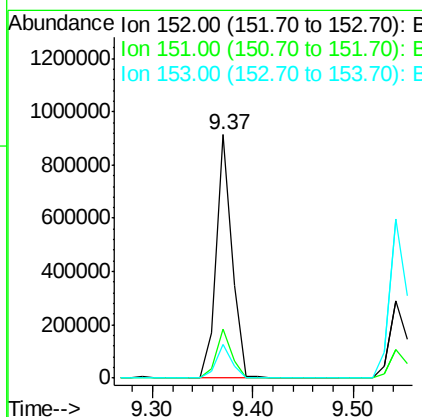
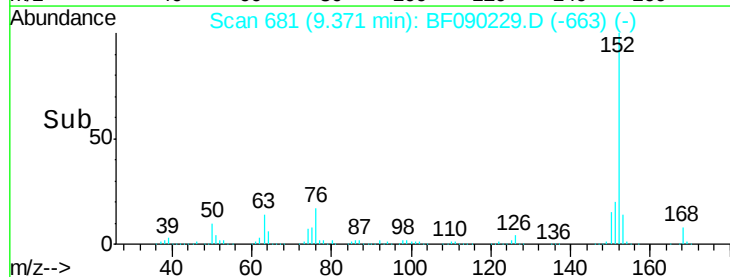
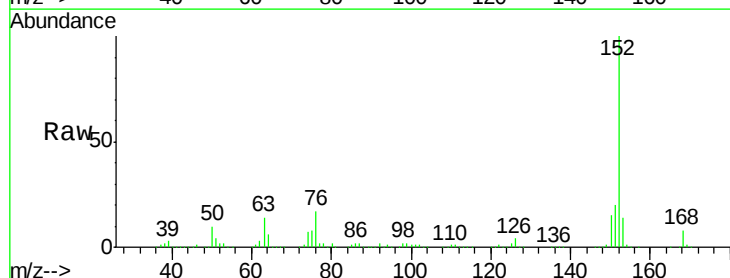
RT: 9.37 min Scan# 681

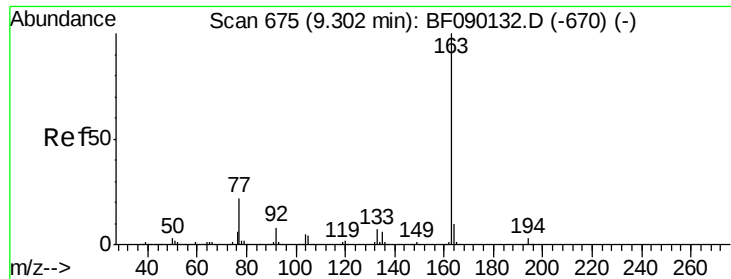
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.6	10.6	15.8





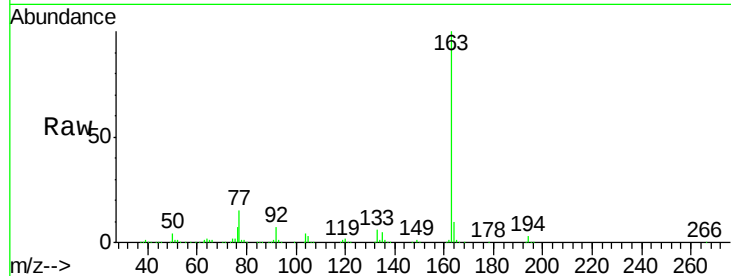
#49
Dimethylphthalate
Concen: 45.87 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.8	4.2	
164	9.9	8.1	12.1	

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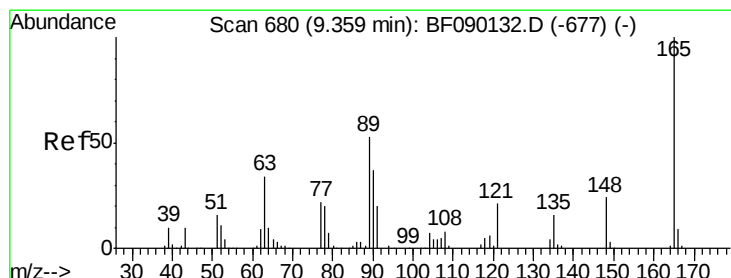
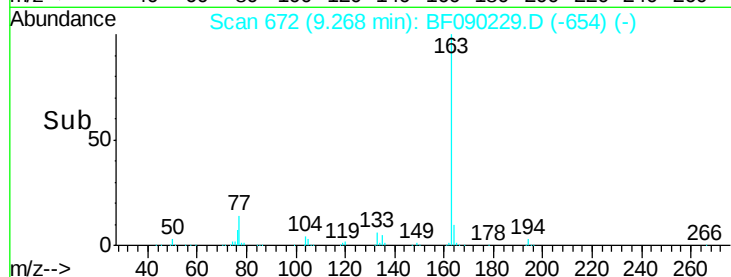
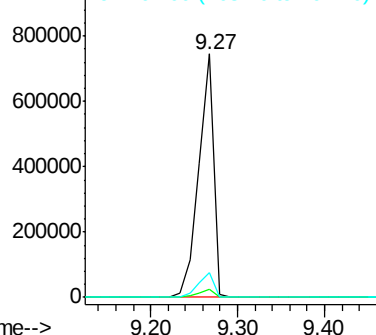


Abundance

Ion 163.00 (162.70 to 163.70): E

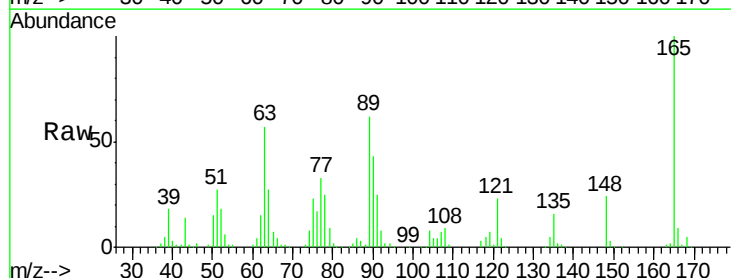
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 40.27 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.1	49.9	74.9	
89	61.7	51.0	76.4	

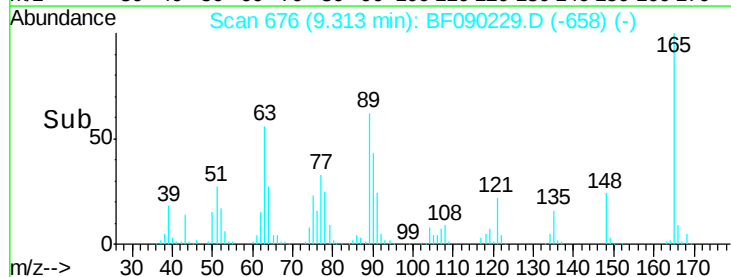
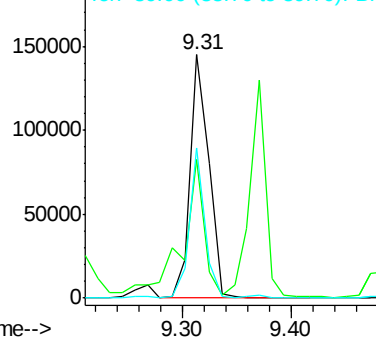


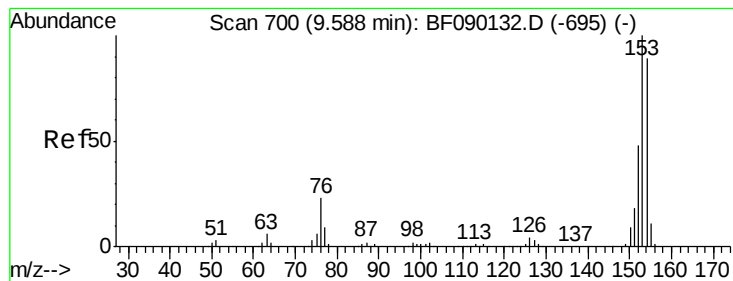
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.09 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

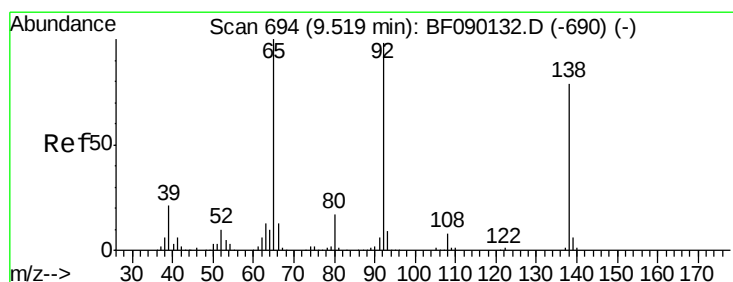
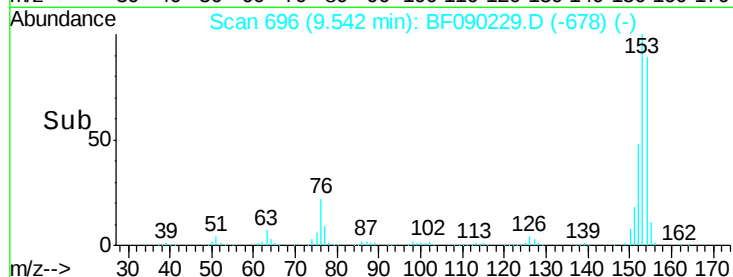
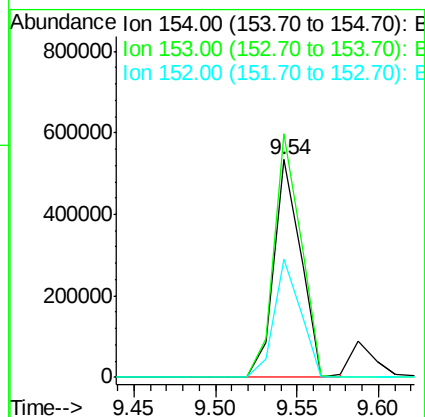
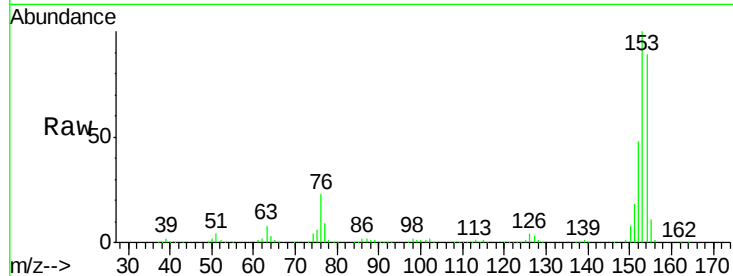
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	154	Resp:	621824
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.8	136.2
152	54.1	44.2	66.4

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#52

3-Nitroaniline

Concen: 35.74 ng

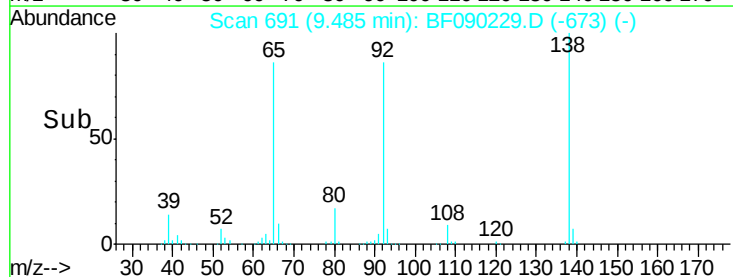
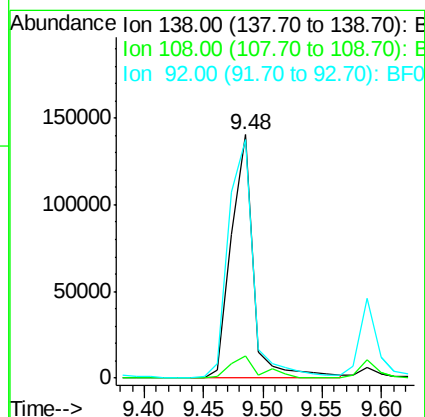
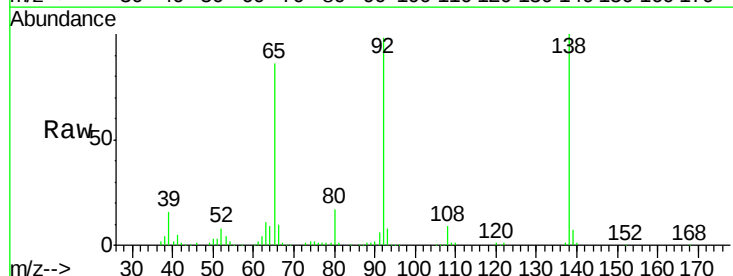
RT: 9.48 min Scan# 691

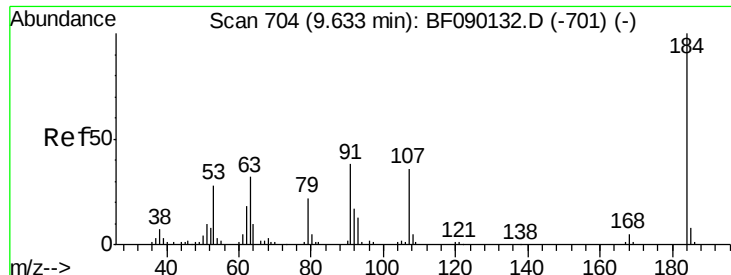
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	138	Resp:	181333
Ion Ratio	Lower	Upper	
138	100		
108	9.0	7.8	11.6
92	97.7	90.7	136.1





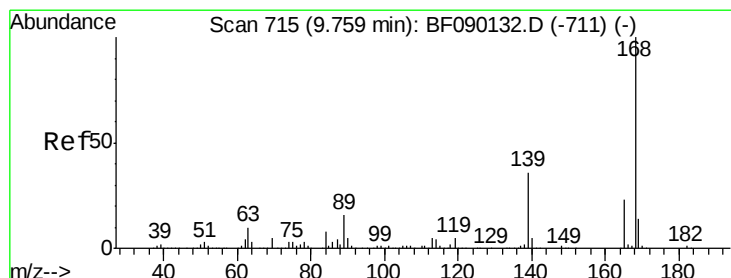
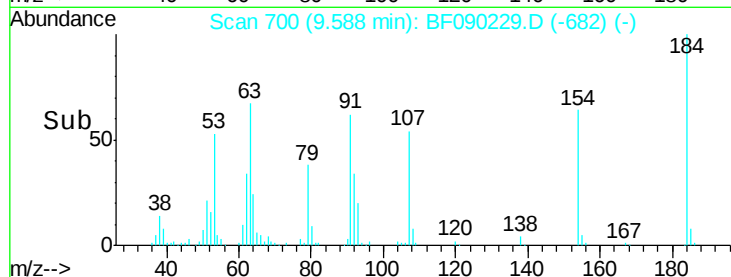
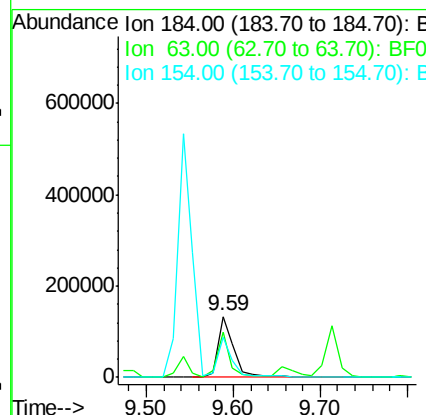
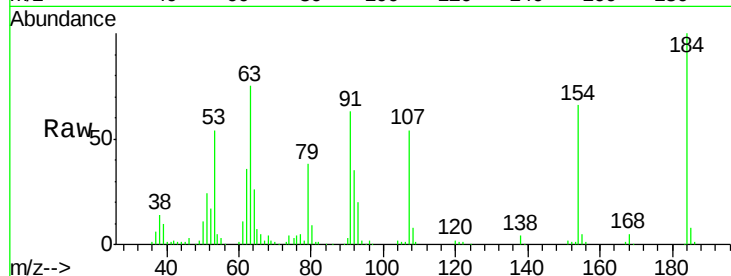
#53
 2,4-Dinitrophenol
 Concen: 72.27 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	174184		
63	75.3	44.6	67.0#	
154	65.9	49.7	74.5	

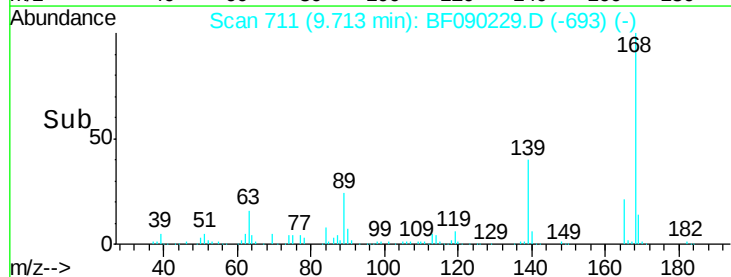
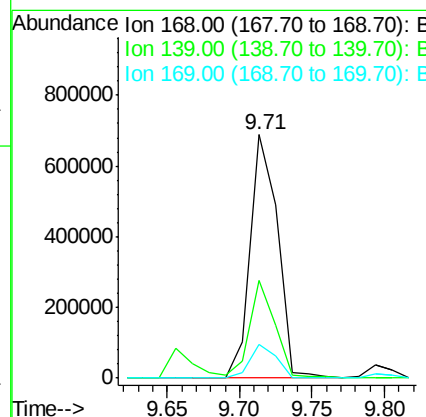
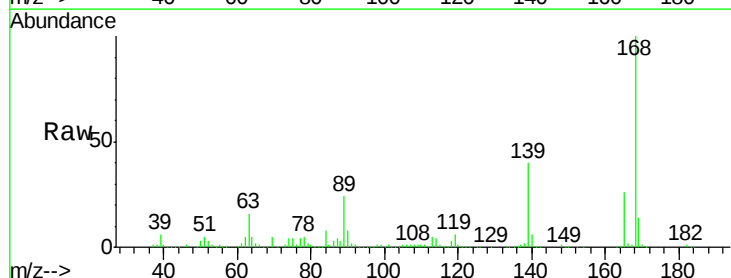
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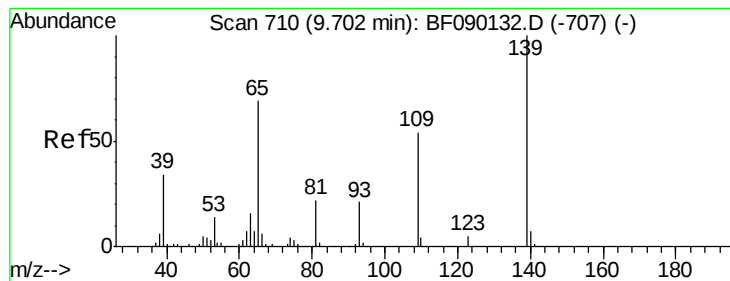
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#54
 Dibenzofuran
 Concen: 44.26 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	903415		
139	40.1	28.8	43.2	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 29.50 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

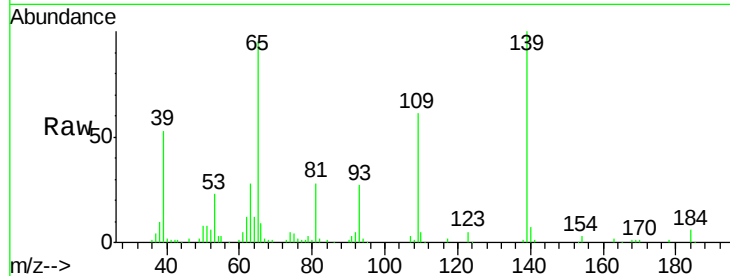
ClientSampleId :

MW-04I-092216MSD

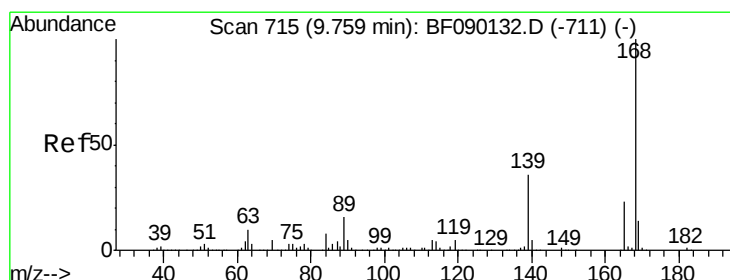
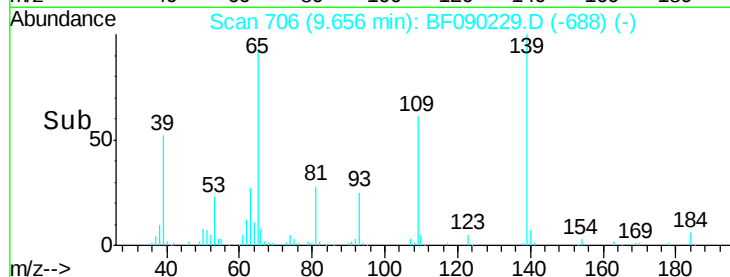
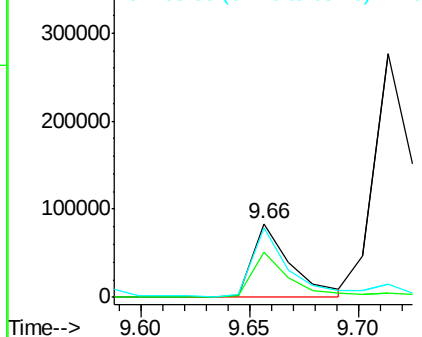
Tot Ion	Ratio	Resp	Lower	Upper
139	100	102555		
109	60.7	35.6	75.6	
65	94.5	55.5	95.5	

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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



#56

2,4-Dinitrotoluene

Concen: 39.61 ng

RT: 9.71 min Scan# 711

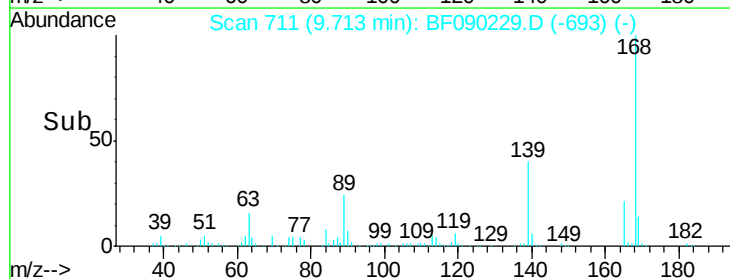
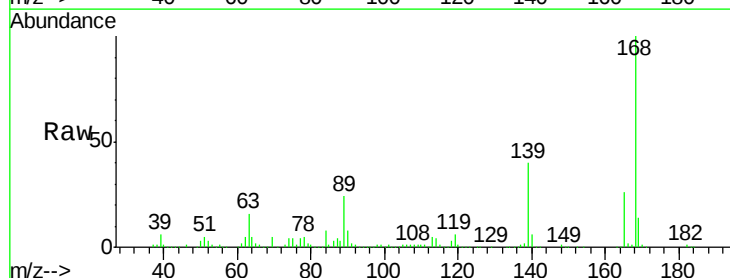
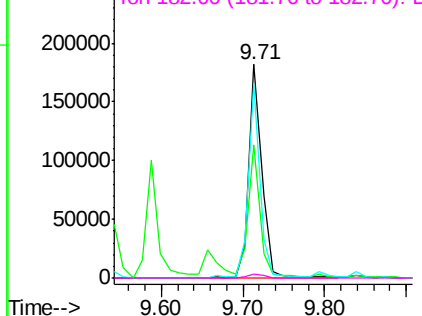
Delta R.T. 0.00 min

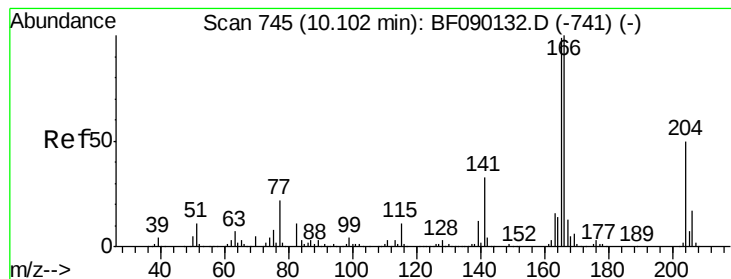
Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	202673		
63	62.3	44.4	66.6	
89	91.0	70.1	105.1	
182	2.1	1.7	2.5	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.70 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

ClientSampleId :

MW-04I-092216MSD

Tot Ion:166 Resp: 672184

Ion Ratio Lower Upper

166 100

165 98.7 78.5 117.7

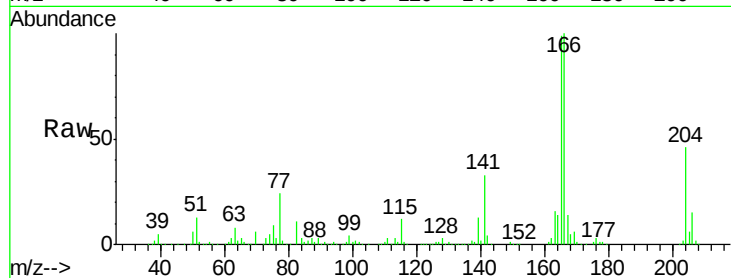
167 13.6 11.2 16.8

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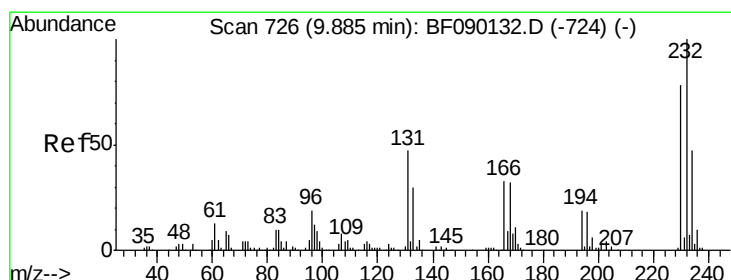
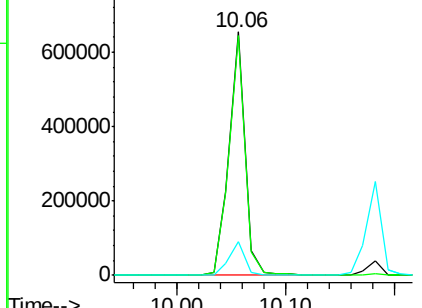
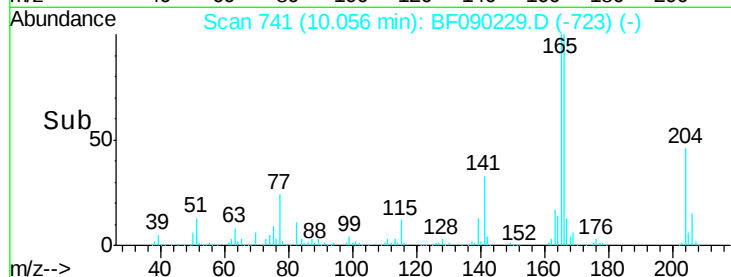
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.43 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:232 Resp: 171758

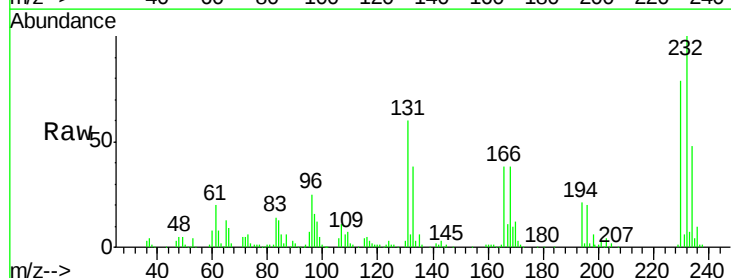
Ion Ratio Lower Upper

232 100

131 53.4 42.2 63.4

130 2.4 1.9 2.9

166 34.0 26.4 39.6

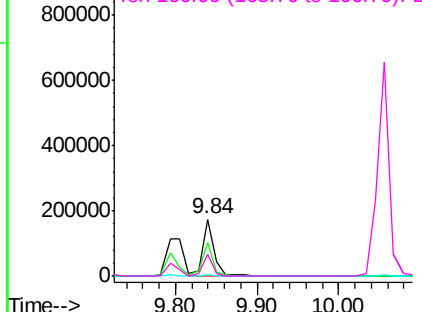
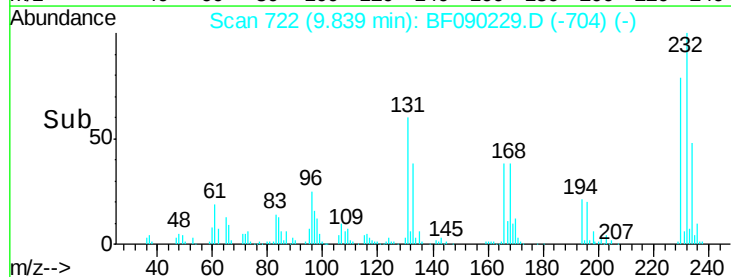


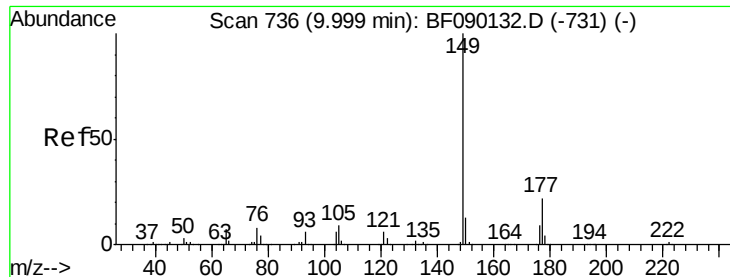
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





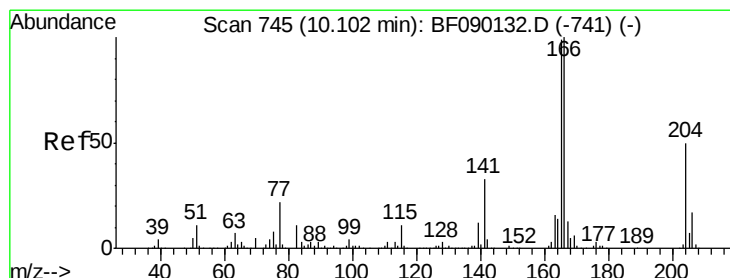
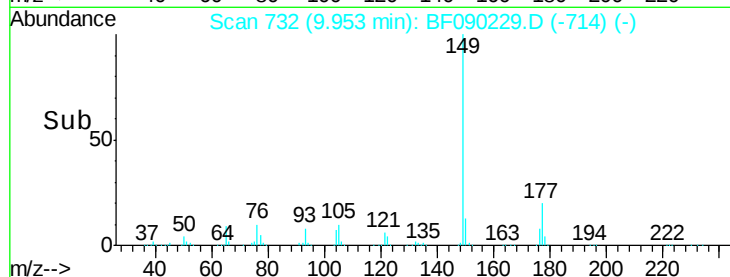
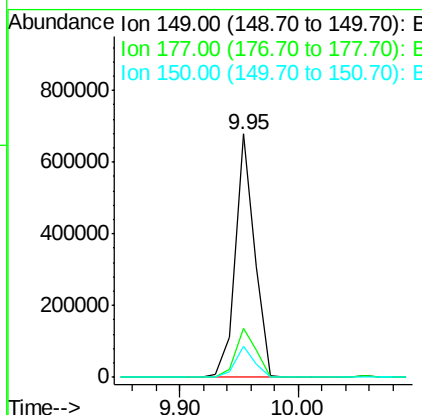
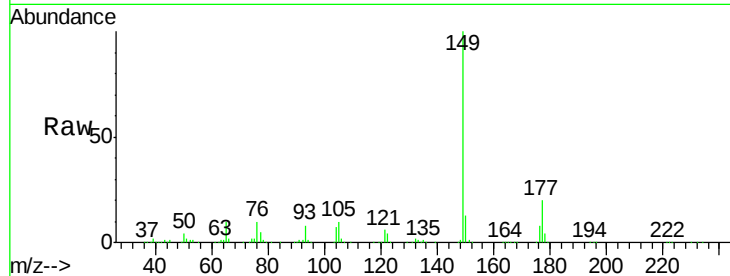
#59
Diethylphthalate
Concen: 40.86 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	15.8	23.6
150	13.0	10.4	15.6

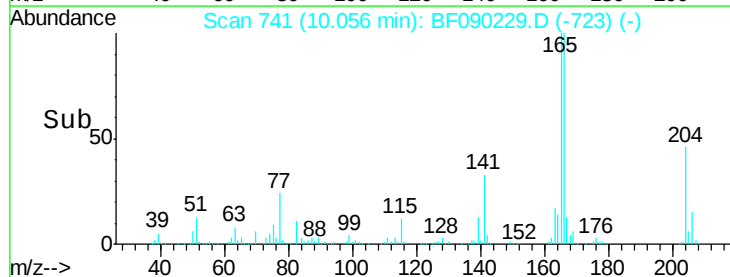
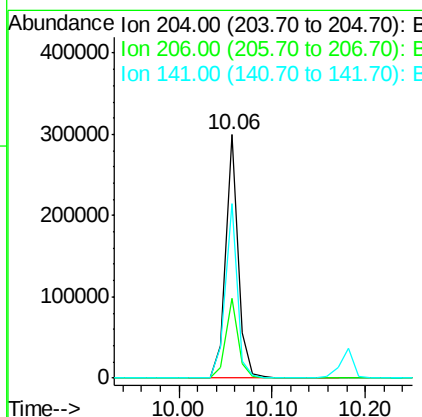
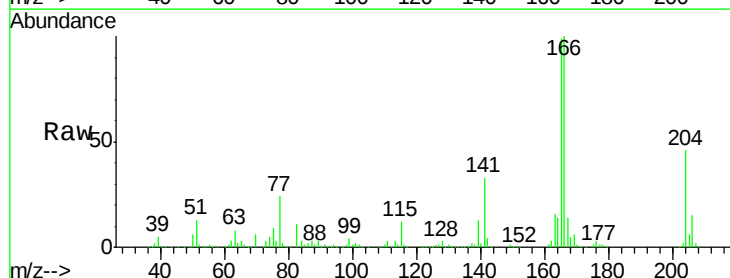
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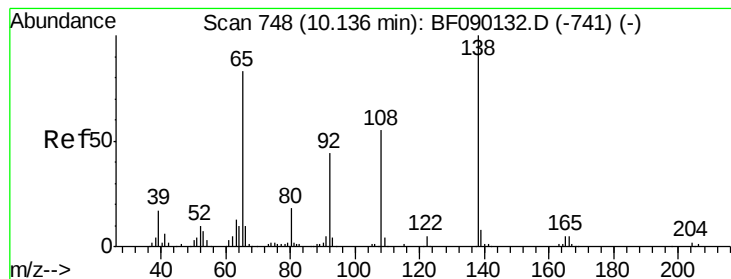
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#60
4-Chlorophenyl-phenylether
Concen: 39.73 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	71.8	64.4	96.6





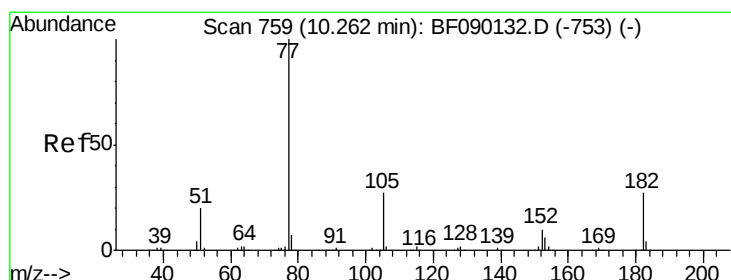
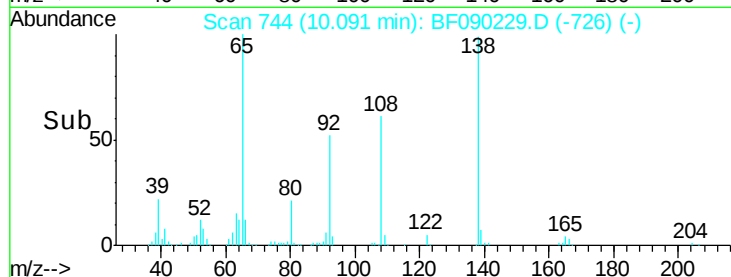
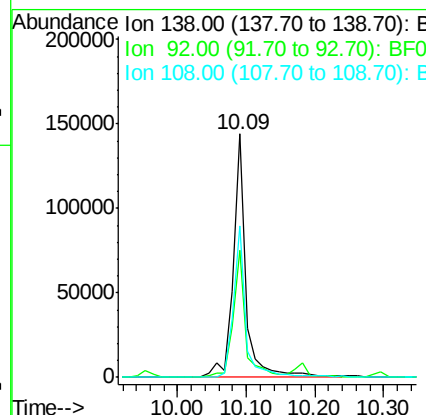
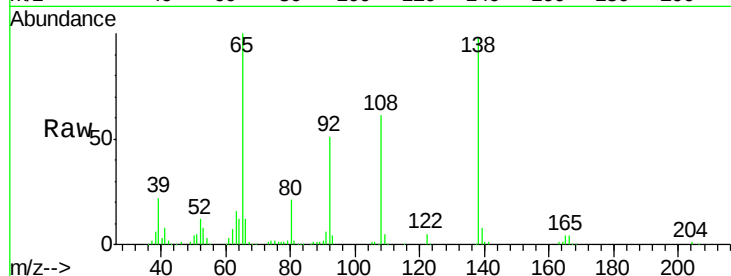
#61
4-Nitroaniline
Concen: 37.01 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	23.8	63.8
108	62.1	35.0	75.0

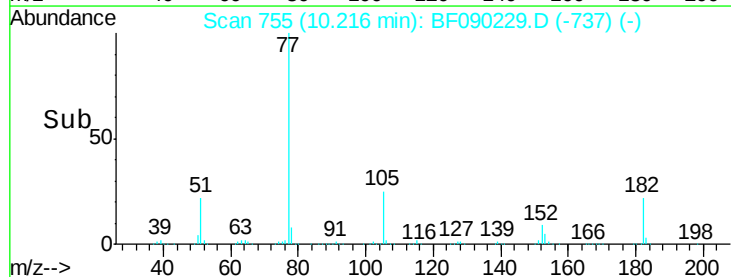
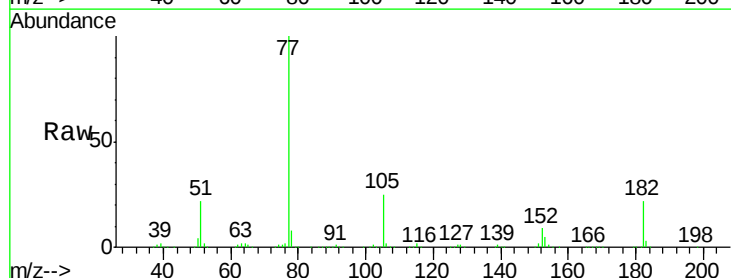
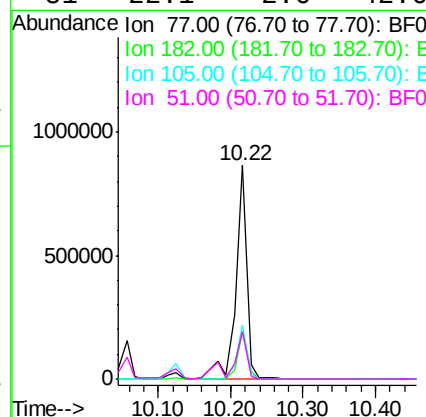
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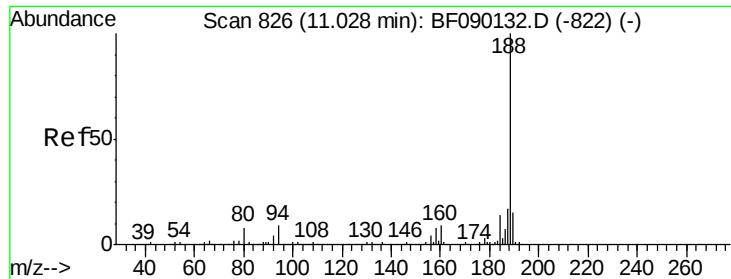
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#62
Azobenzene
Concen: 46.49 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	0.0	38.4
105	25.3	3.8	43.8
51	22.1	2.6	42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

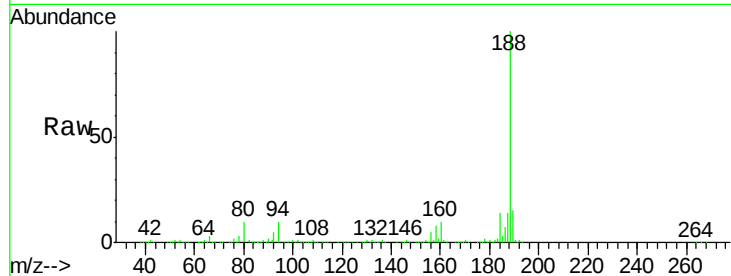
ClientSampleId :

MW-04I-092216MSD

Tot Ion:188	Resp:	485168
Ion Ratio	Lower	Upper
188 100		
94 9.8	10.5	15.7#
80 9.9	11.2	16.8#

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

10.98

600000

500000

400000

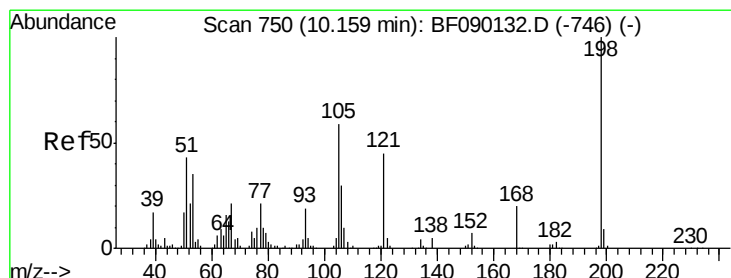
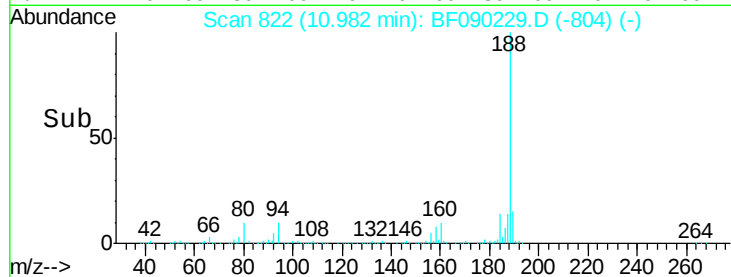
300000

200000

100000

0

Time--> 10.90 10.95 11.00



#64

4,6-Dinitro-2-methylphenol

Concen: 45.41 ng

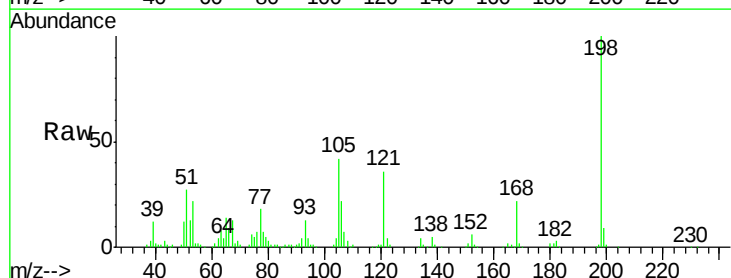
RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:198	Resp:	138007
Ion Ratio	Lower	Upper
198 100		
51 27.3	5.5	45.5
105 41.6	21.8	61.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

300000

250000

200000

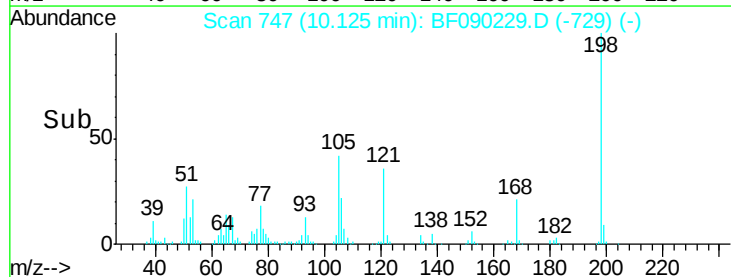
150000

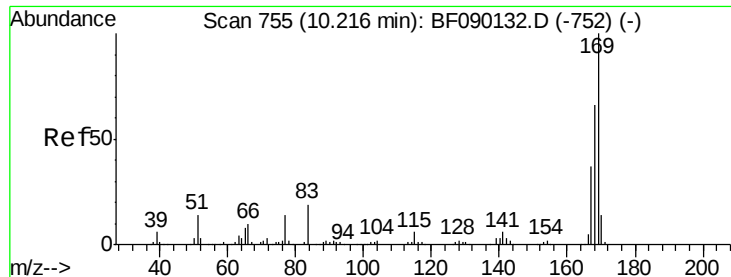
100000

50000

0

Time--> 10.00 10.10 10.20 10.30





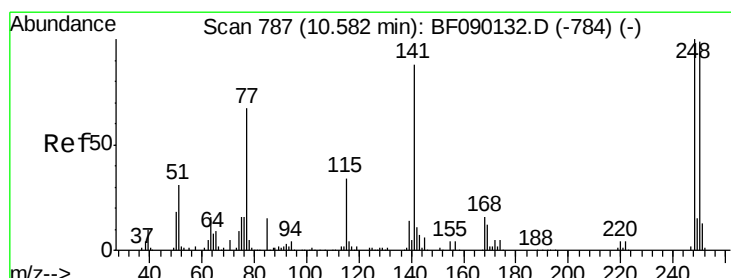
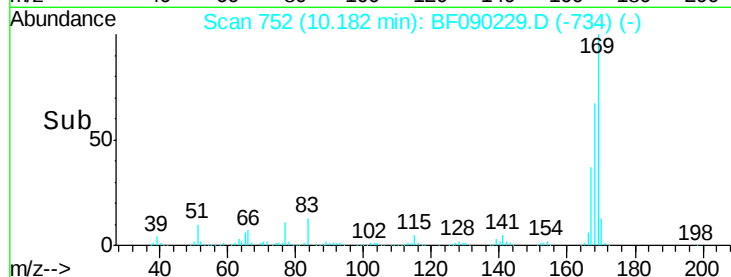
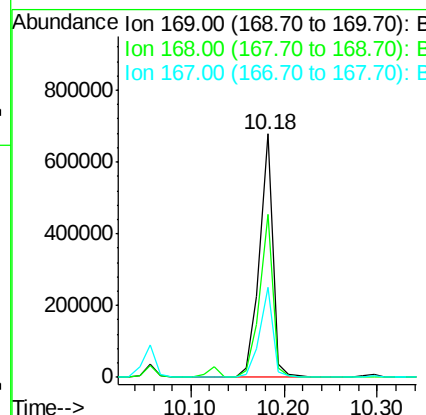
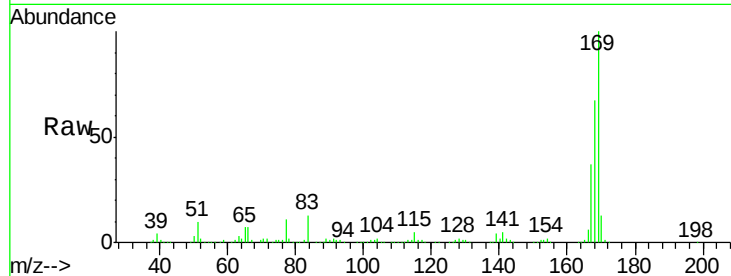
#65
n-Nitrosodiphenylamine
Concen: 42.42 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	676718		
168	67.2	54.2	81.4	
167	37.1	30.3	45.5	

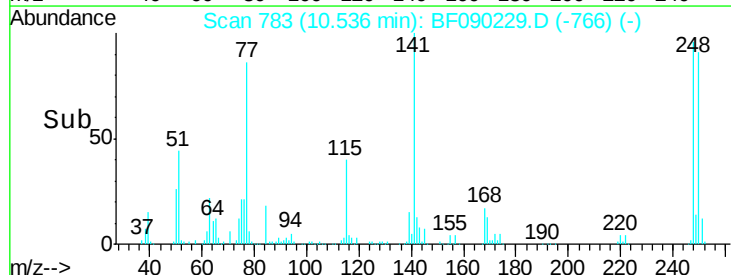
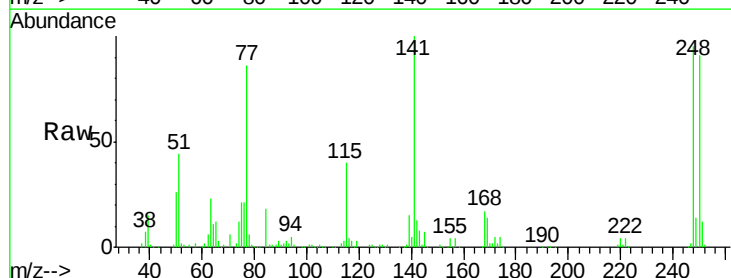
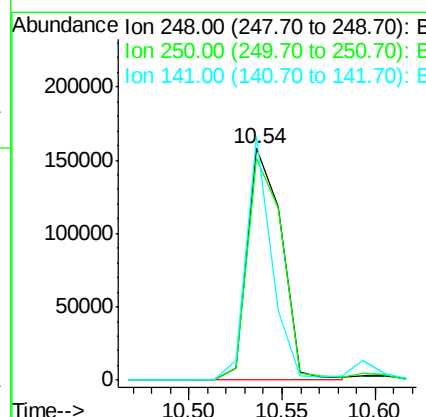
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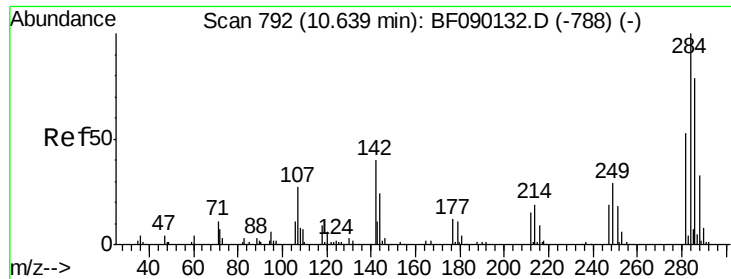
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#66
4-Bromophenyl-phenylether
Concen: 42.28 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	201850		
250	95.8	79.4	119.2	
141	105.0	49.3	73.9	





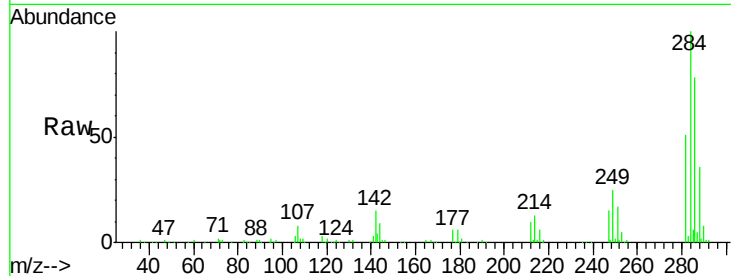
#67
Hexachlorobenzene
Concen: 42.16 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

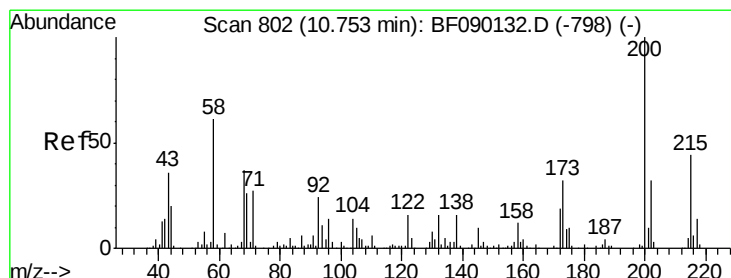
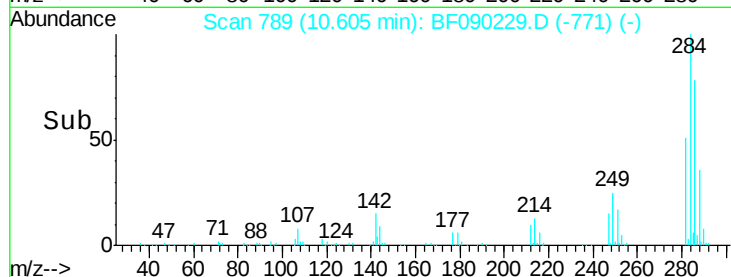
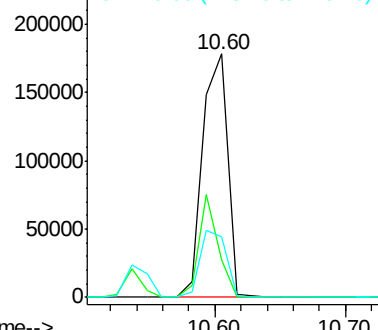
Tot Ion	Ratio	Resp	Lower	Upper
284	100	234564		
142	15.5	24.0	36.0	
249	25.0	23.8	35.6	

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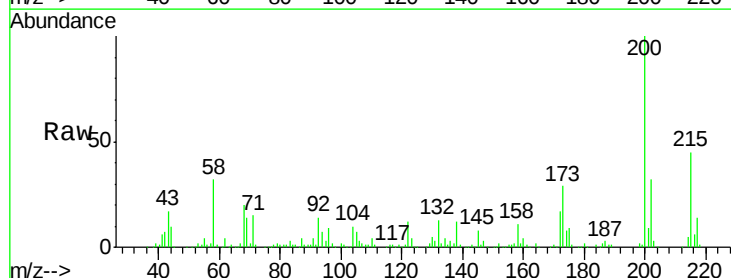


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

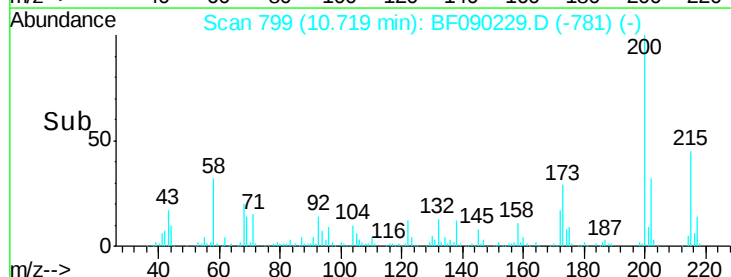
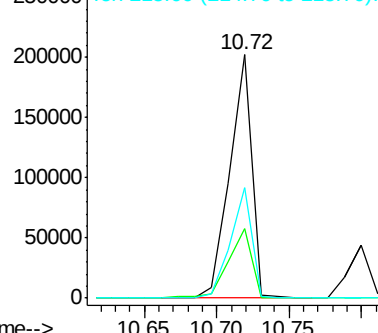


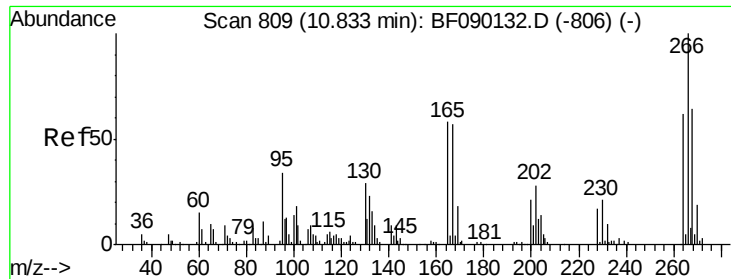
#68
Atrazine
Concen: 48.95 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	214023		
173	28.7	9.3	49.3	
215	45.1	26.1	66.1	



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





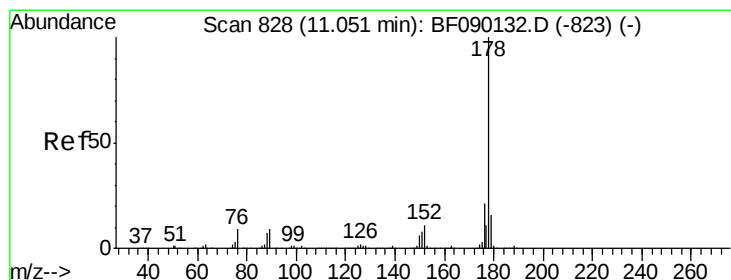
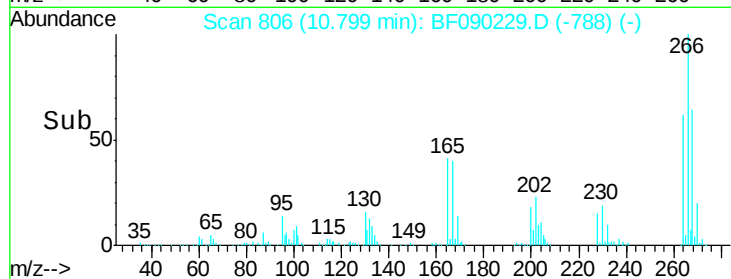
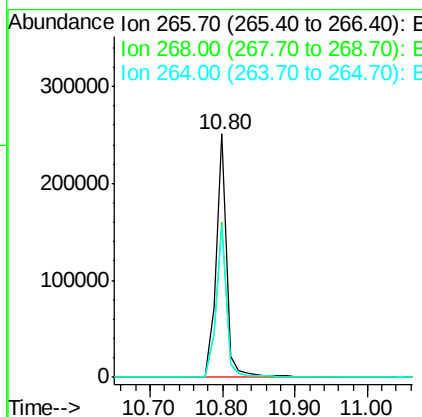
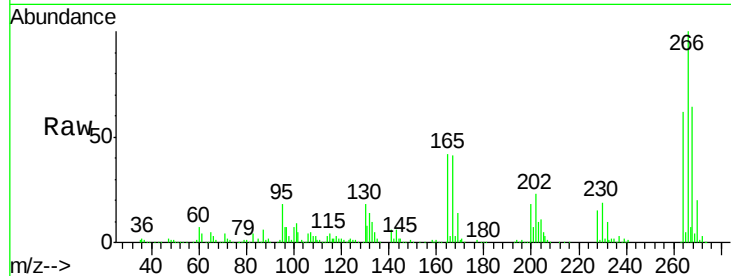
#69
 Pentachlorophenol
 Concen: 80.19 ng
 RT: 10.80 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	253258		
268	64.0		52.1	78.1
264	62.3		50.3	75.5

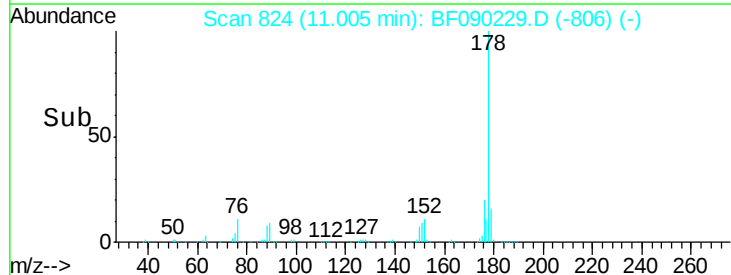
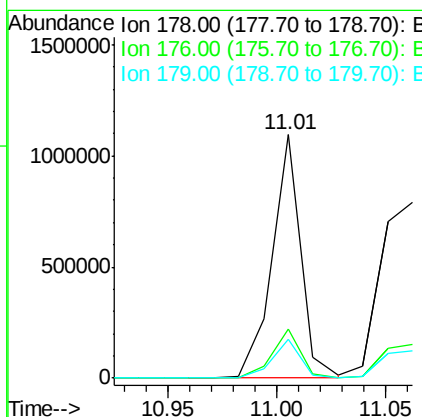
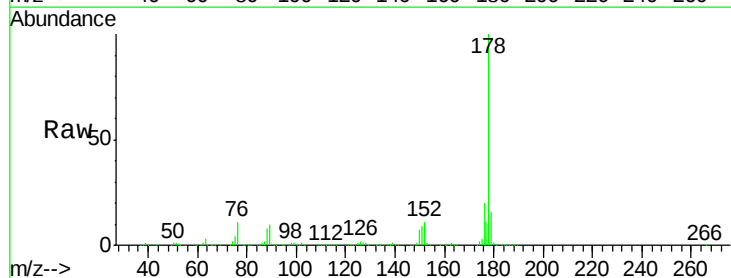
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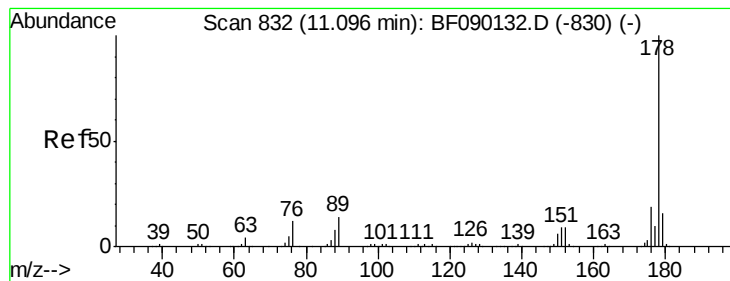
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#70
 Phenanthrene
 Concen: 44.66 ng
 RT: 11.01 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1013411		
176	20.0		15.9	23.9
179	15.8		12.9	19.3





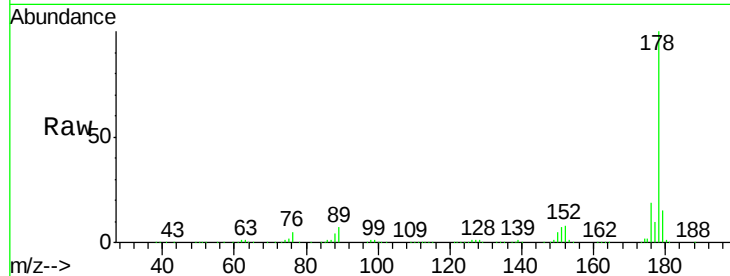
#71
 Anthracene
 Concen: 46.83 ng
 RT: 11.06 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

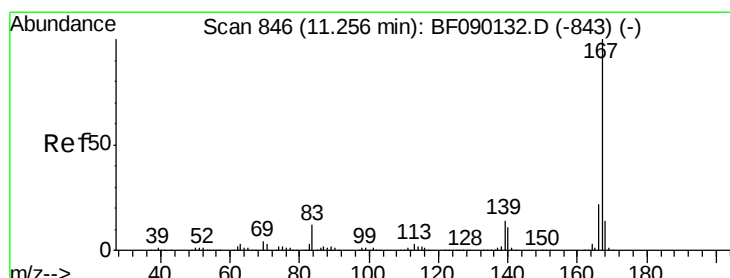
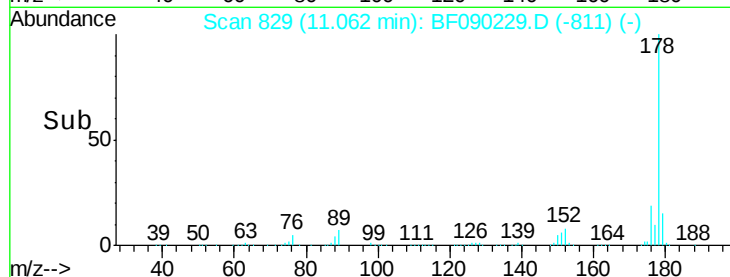
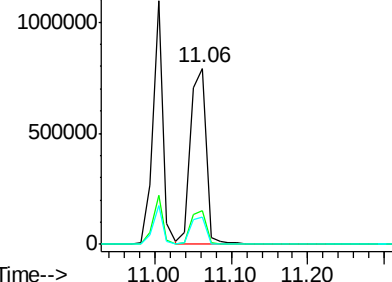
Tot Ion:178 Resp: 1114481
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.2 12.6 19.0

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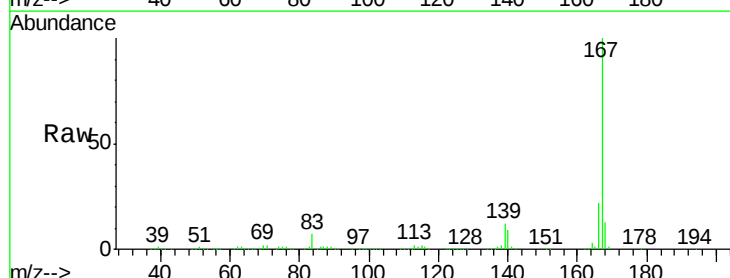


Abundance Ion 178.00 (177.70 to 178.70): E
 1500000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

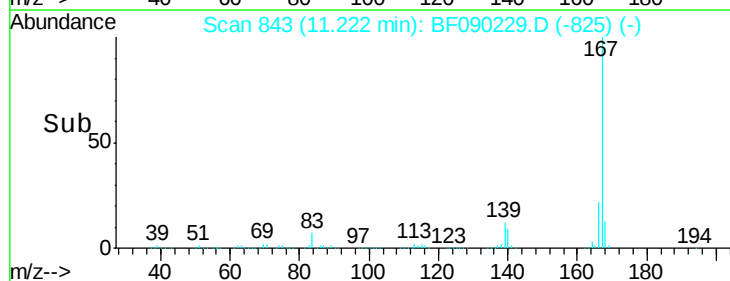
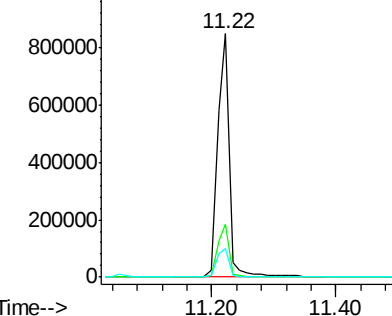


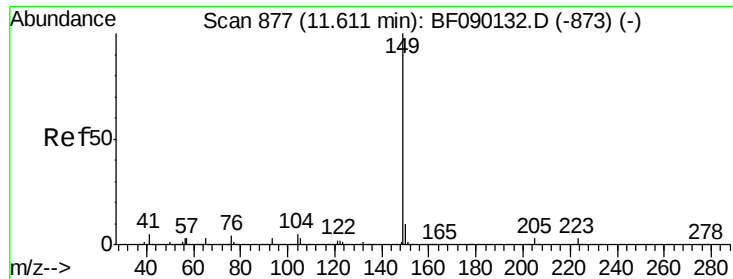
#72
 Carbazole
 Concen: 43.79 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion:167 Resp: 1101756
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 11.9 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 1000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.18 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

ClientSampleId :

MW-04I-092216MSD

Tot Ion:149 Resp: 1204851

Ion Ratio Lower Upper

149 100

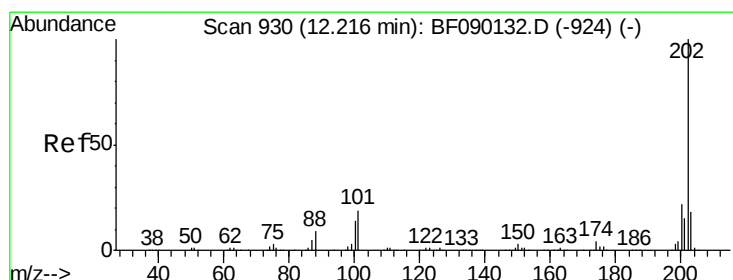
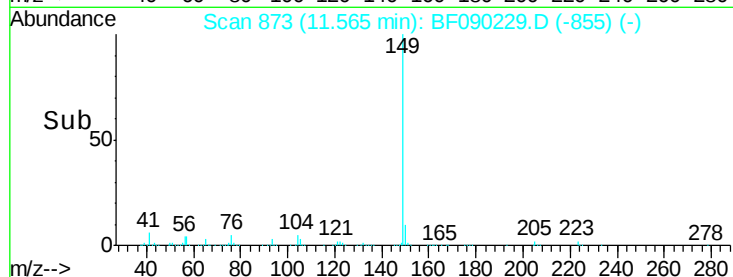
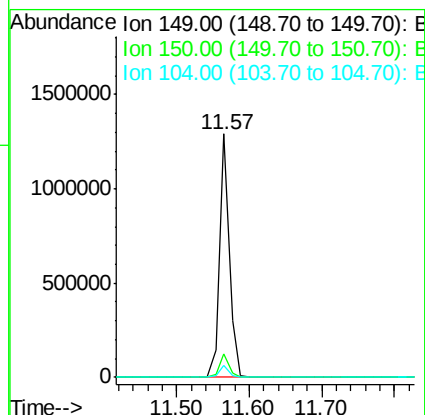
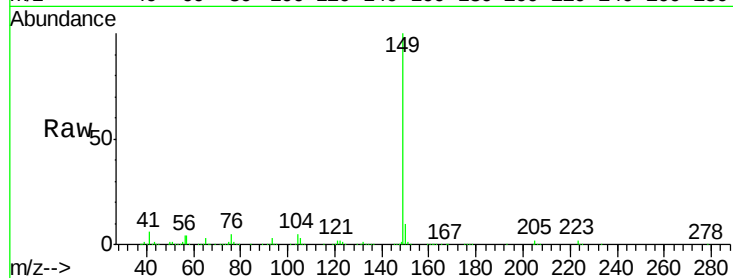
150 9.6 7.8 11.8

104 4.8 3.9 5.9

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#74

Fluoranthene

Concen: 45.99 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

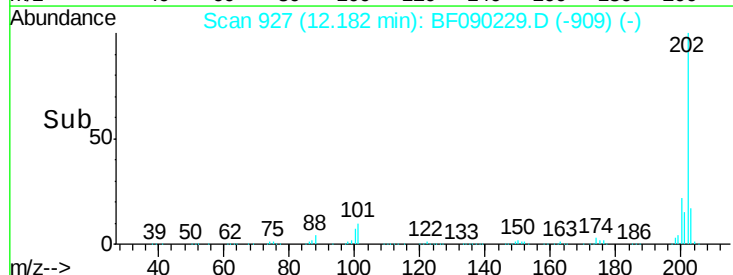
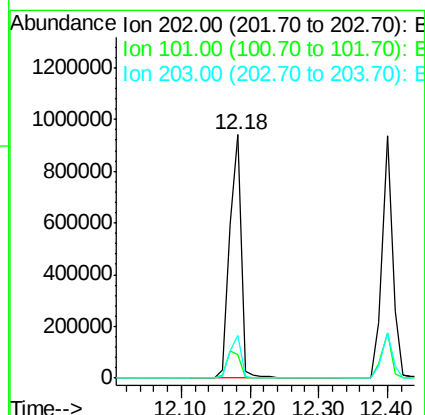
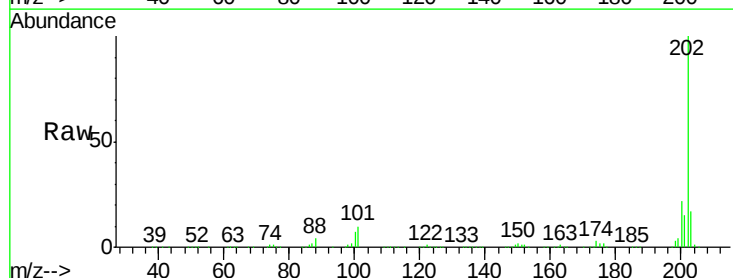
Tgt Ion:202 Resp: 1119987

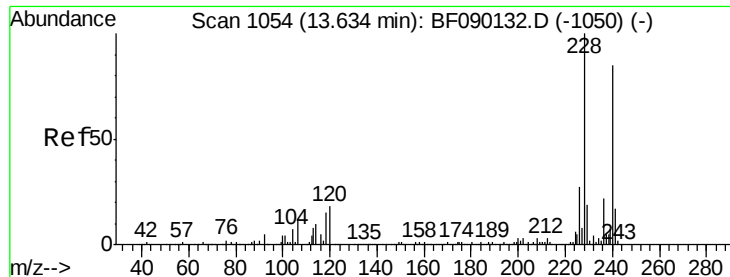
Ion Ratio Lower Upper

202 100

101 9.6 0.0 36.1

203 17.5 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

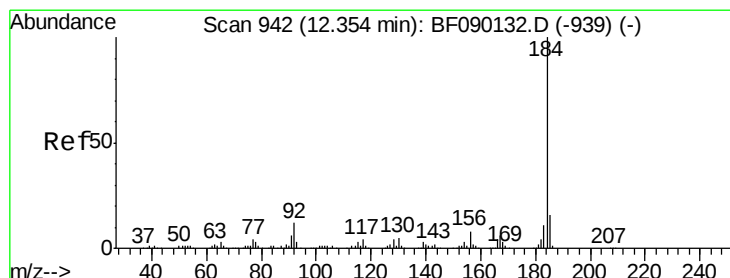
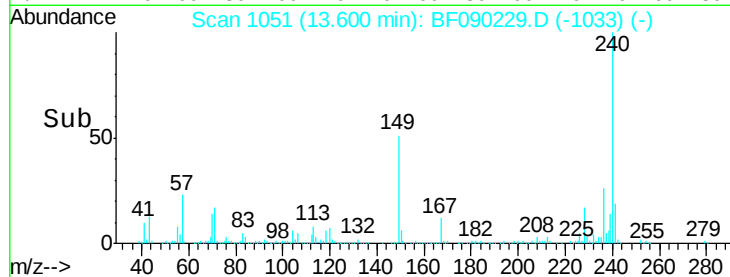
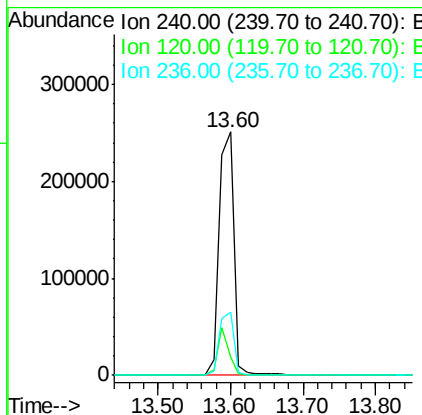
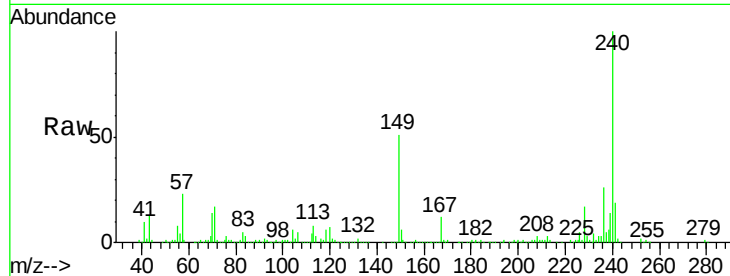
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	240	Resp:	356096
Ion Ratio	Lower	Upper	
240	100		
120	7.5	10.6	16.0#
236	25.7	21.6	32.4

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#76

Benzidine

Concen: 44.96 ng

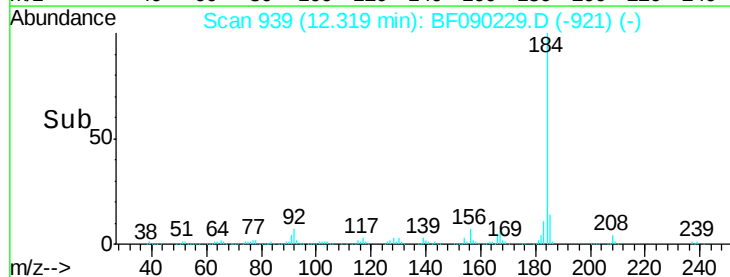
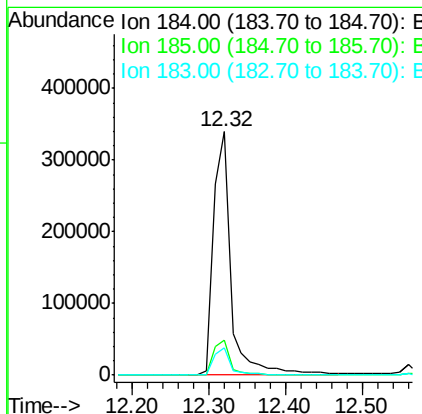
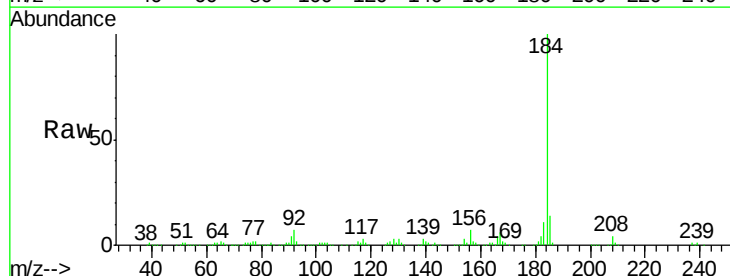
RT: 12.32 min Scan# 939

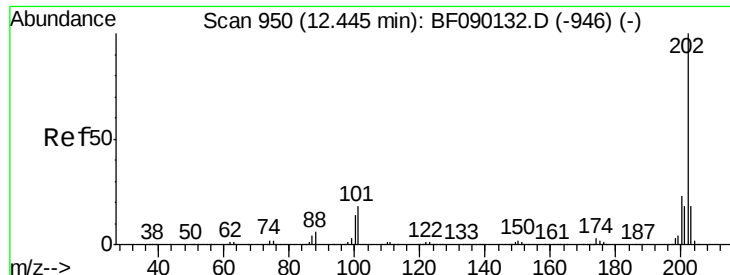
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	184	Resp:	535871
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.2	19.8
183	11.2	9.2	13.8





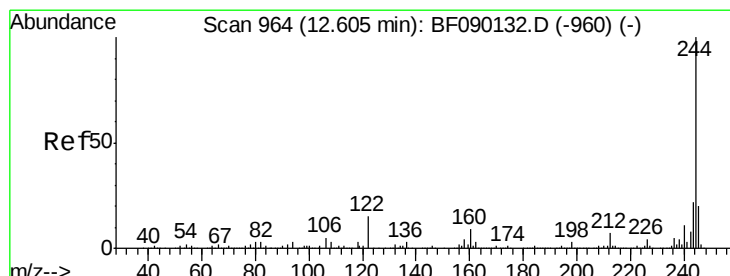
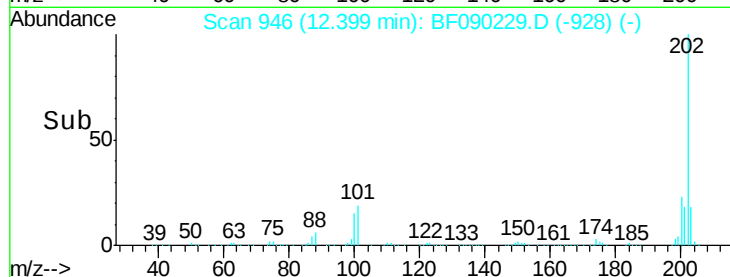
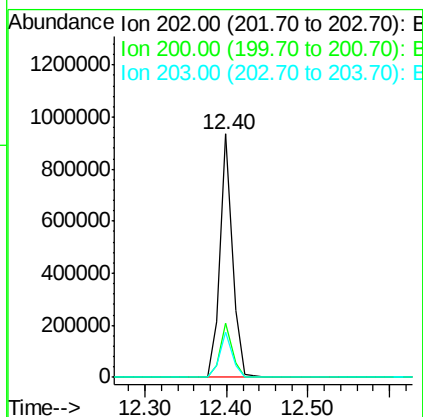
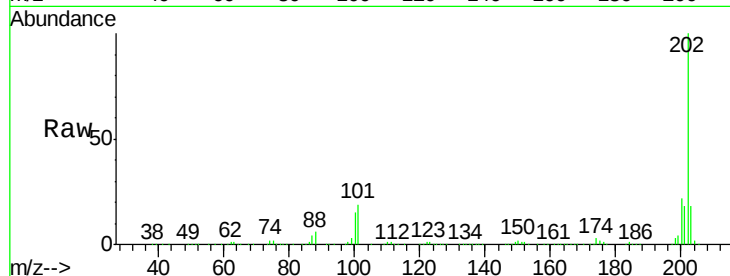
#77
Pvrene
Concen: 40.28 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.9	26.9
203	18.4	14.2	21.4

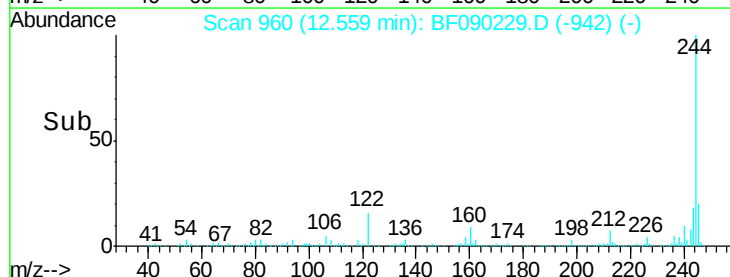
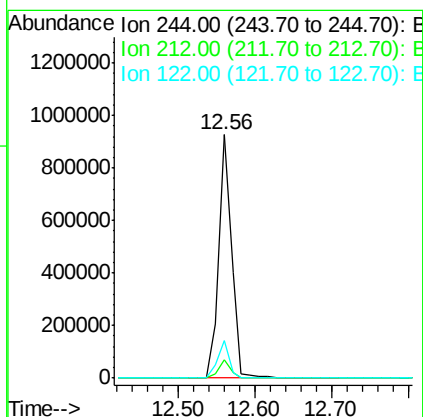
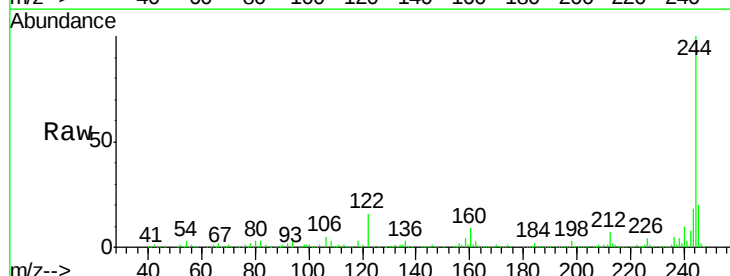
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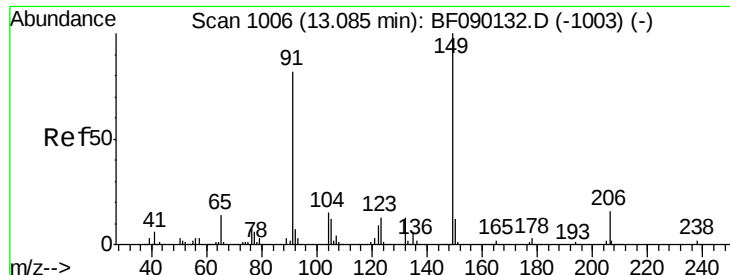
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#78
Terphenyl-d14
Concen: 78.05 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	15.5	9.4	14.0#





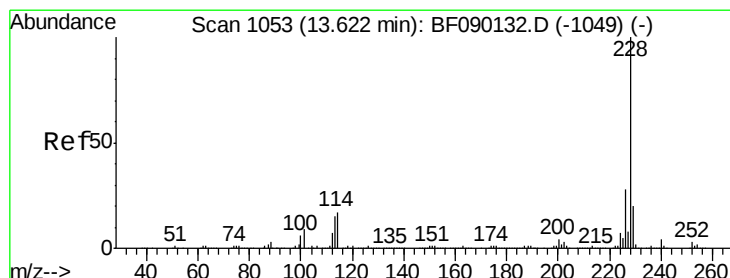
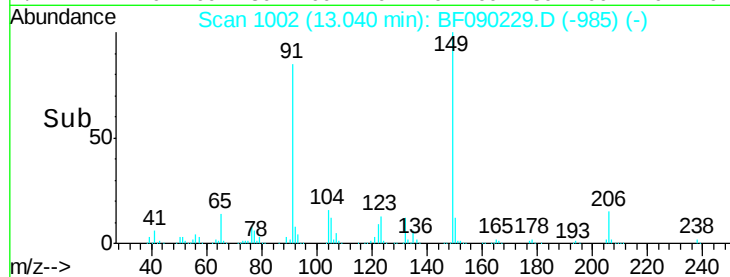
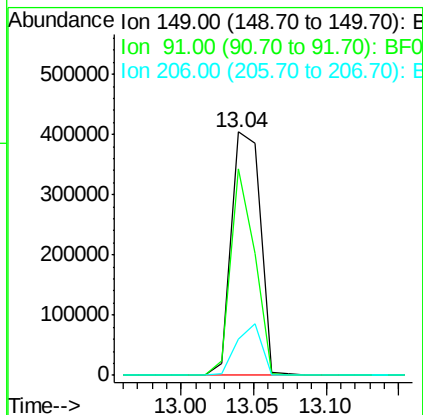
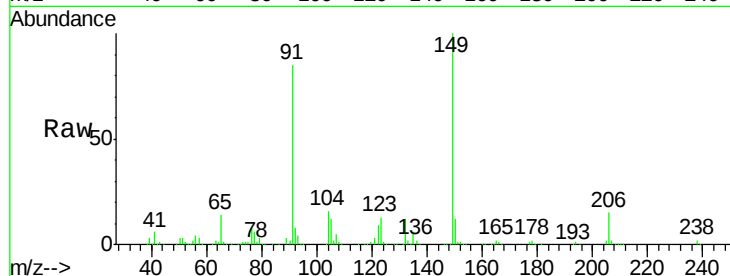
#79
Butylbenzylphthalate
Concen: 47.20 ng
RT: 13.04 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.7	49.8	74.6#
206	14.9	16.3	24.5#

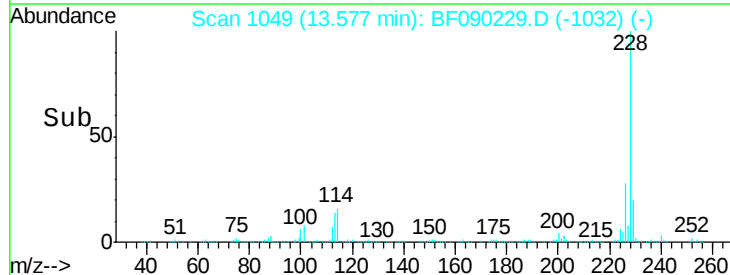
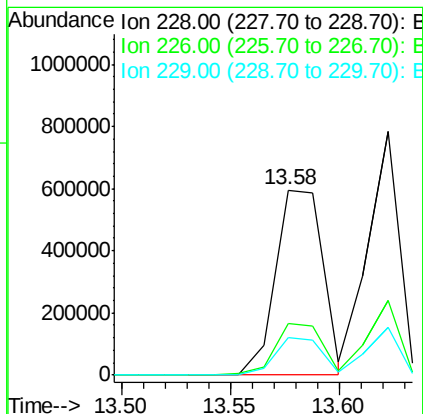
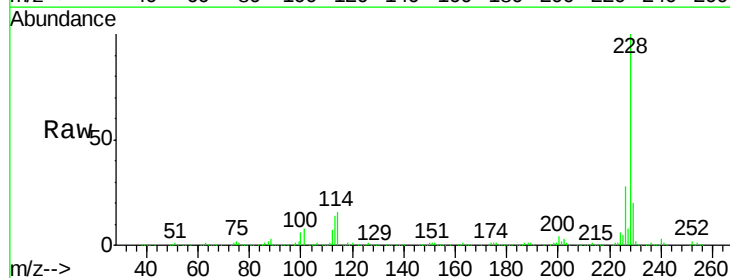
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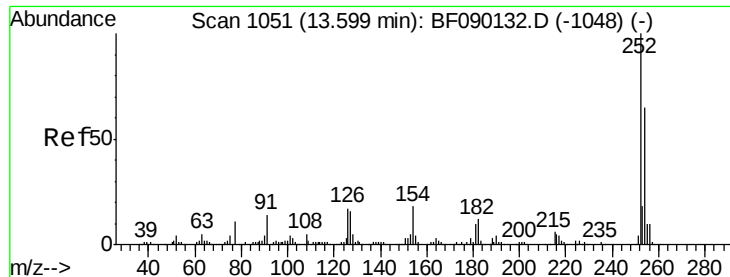
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#80
Benzo(a)anthracene
Concen: 47.32 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.5	16.2	24.2





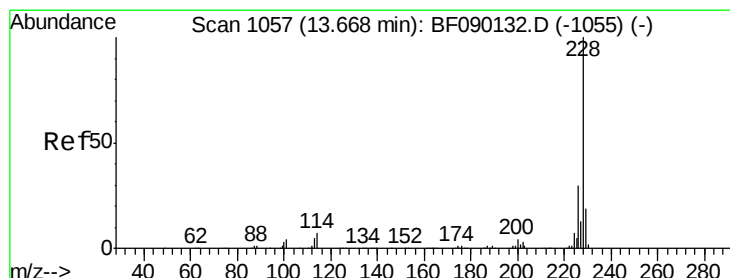
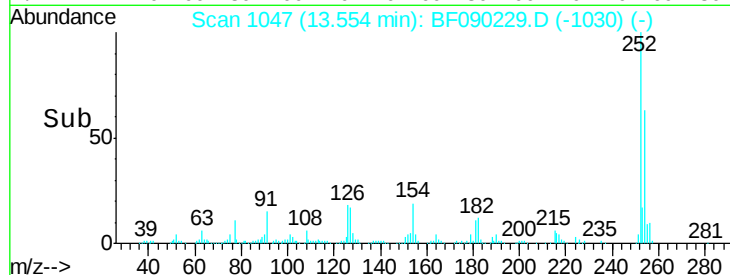
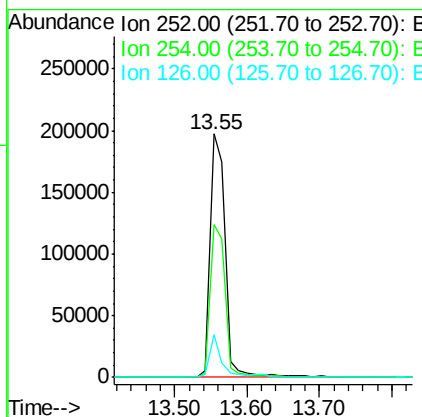
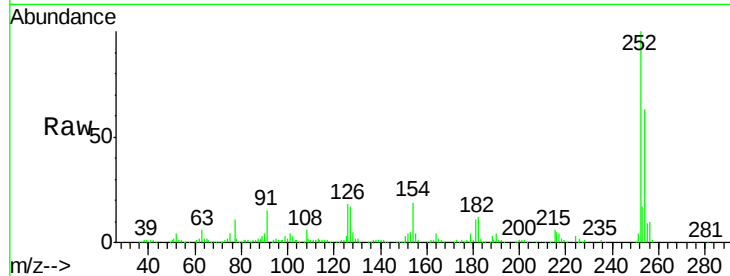
#81
 3,3'-Dichlorobenzidine
 Concen: 35.94 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	283942		
254	62.5	50.7	76.1	
126	17.6	9.2	13.8	

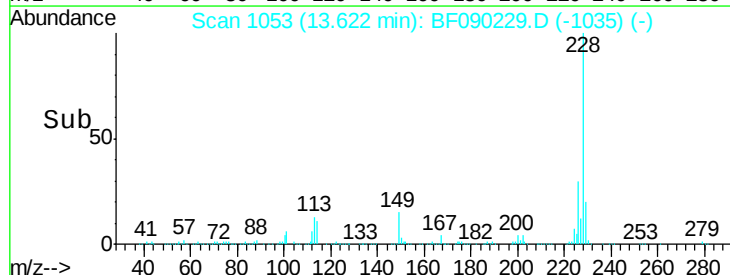
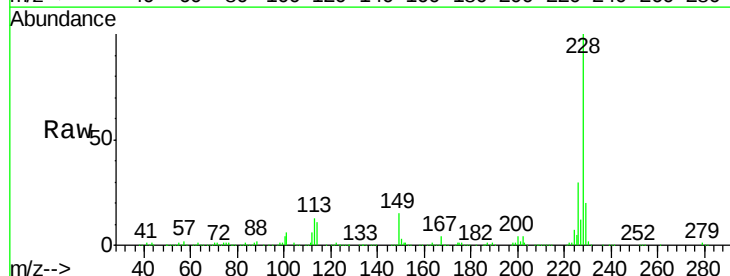
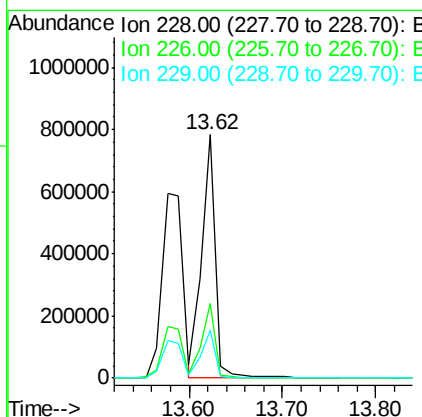
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#82
 Chrysene
 Concen: 43.35 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	808973		
226	30.5	24.6	37.0	
229	19.8	16.2	24.4	





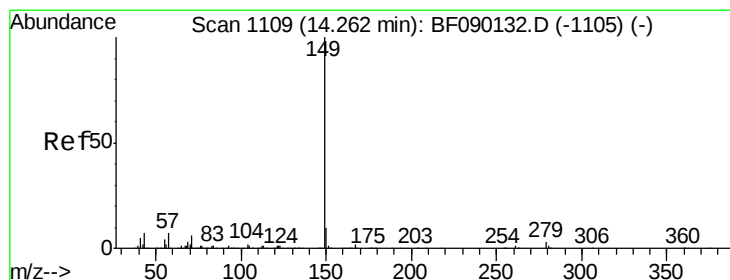
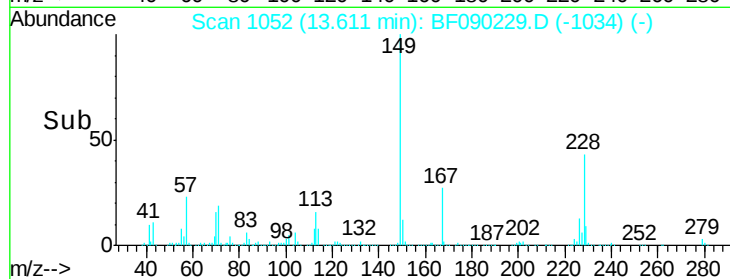
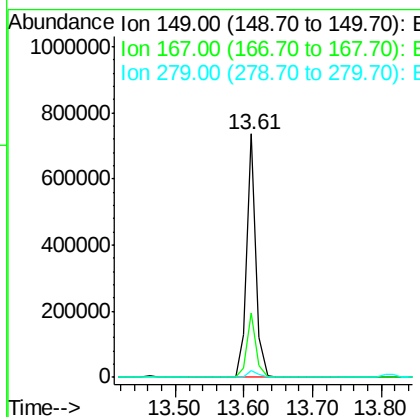
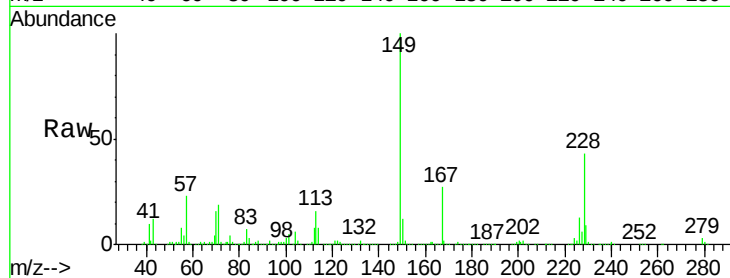
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.98 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.2	31.8
279	2.9	2.2	3.2

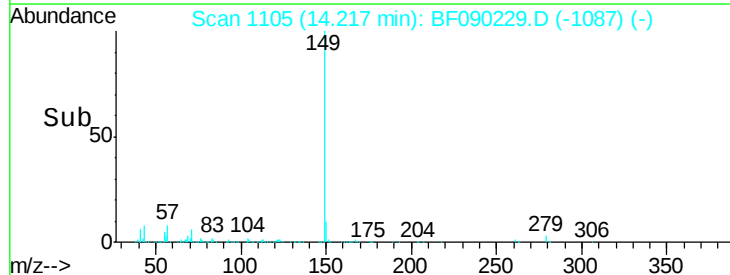
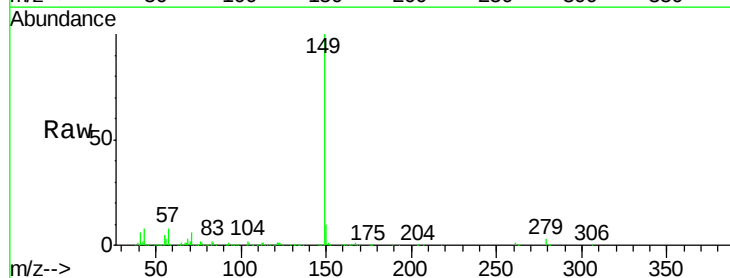
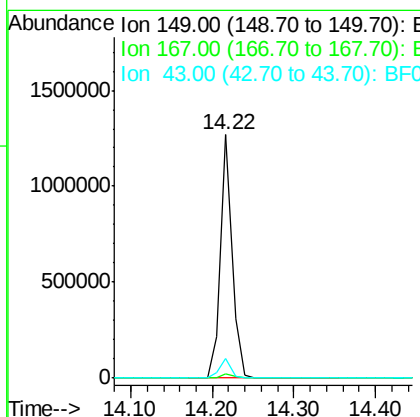
Manual Integrations
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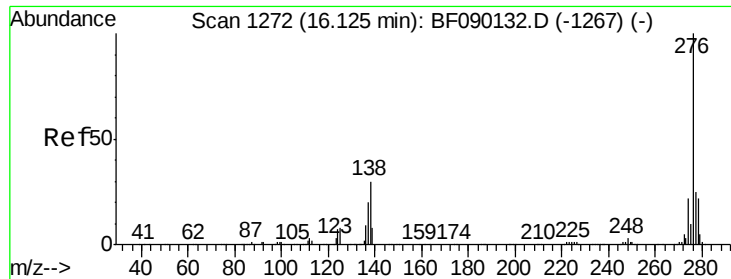
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#84
 Di-n-octyl phthalate
 Concen: 47.59 ng
 RT: 14.22 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.8	10.2





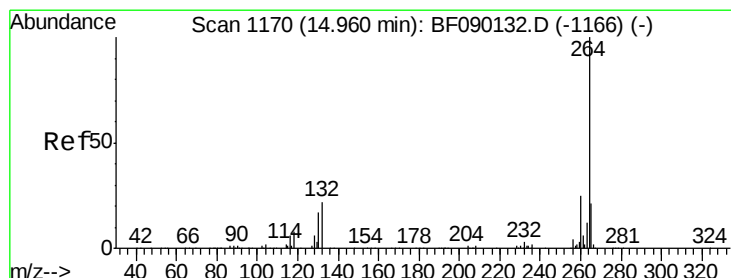
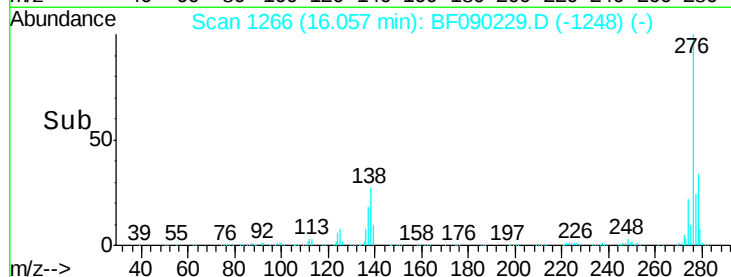
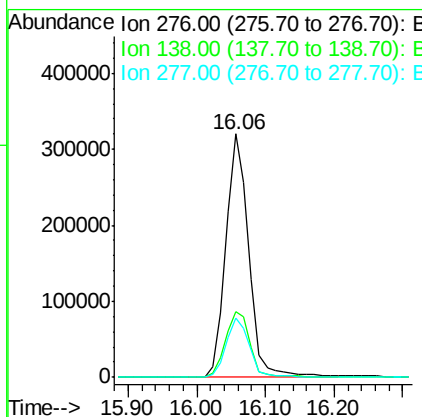
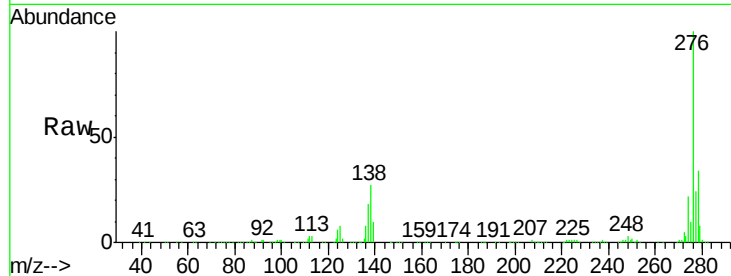
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.14 ng
 RT: 16.06 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion:	276	Resp:	756609
Ion Ratio	Lower	Upper	
276	100		
138	29.5	25.9	38.9
277	25.0	19.9	29.9

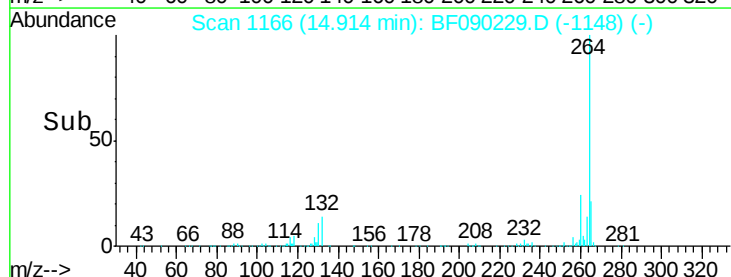
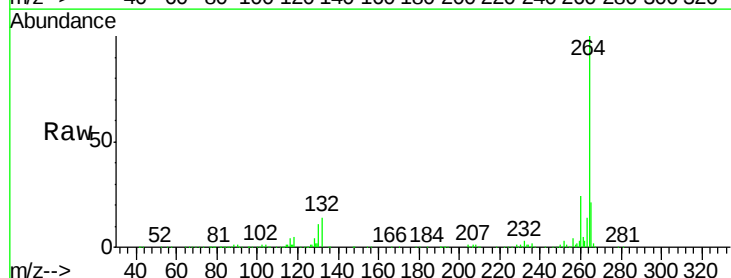
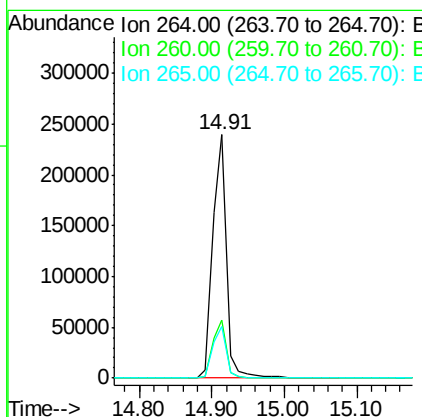
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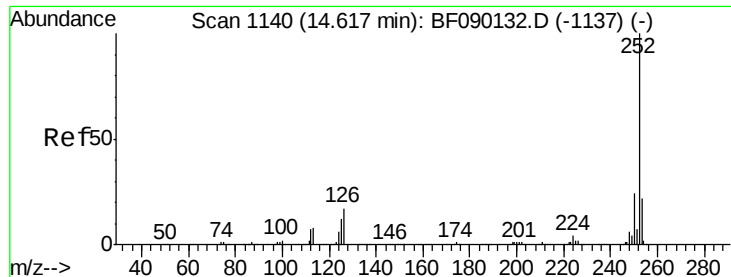
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Tgt Ion:	264	Resp:	312879
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.0	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 42.63 ng m

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Instrument :

BNA_F

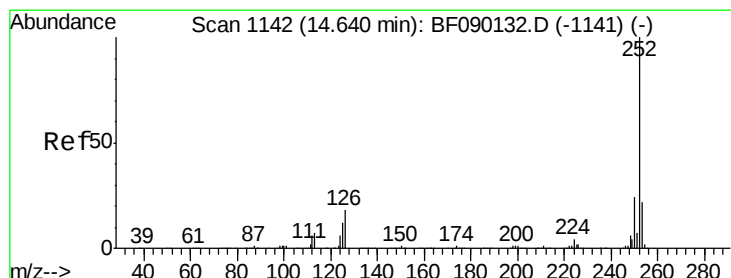
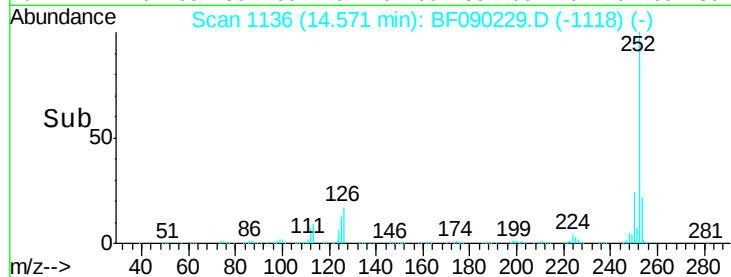
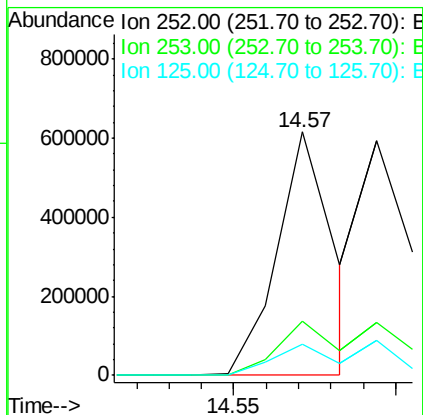
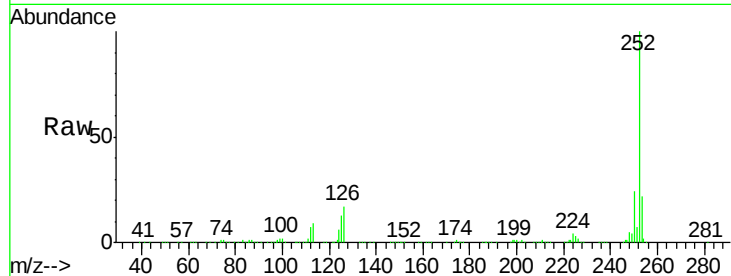
ClientSampleId :

MW-04I-092216MSD

Tot Ion:	252	Resp:	738580
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	12.9	12.7	19.1

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#88

Benzo(k)fluoranthene

Concen: 40.85 ng m

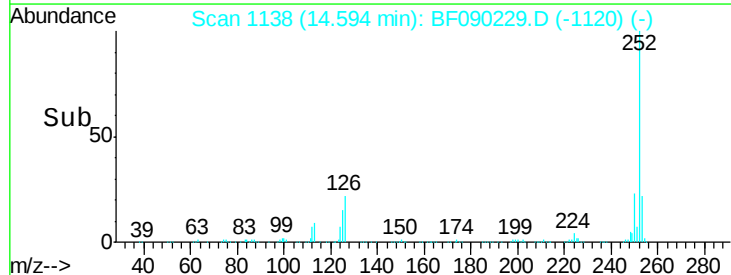
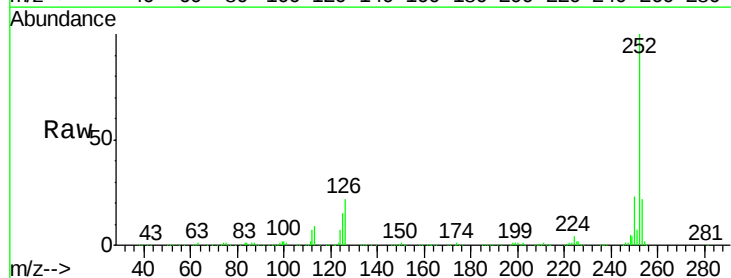
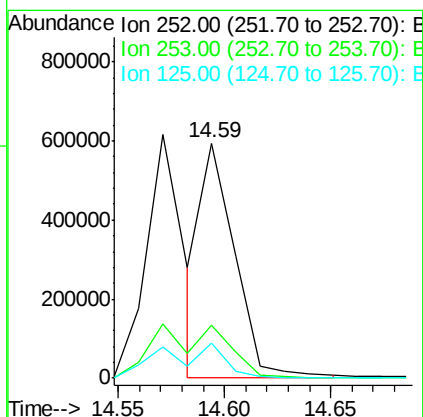
RT: 14.59 min Scan# 1138

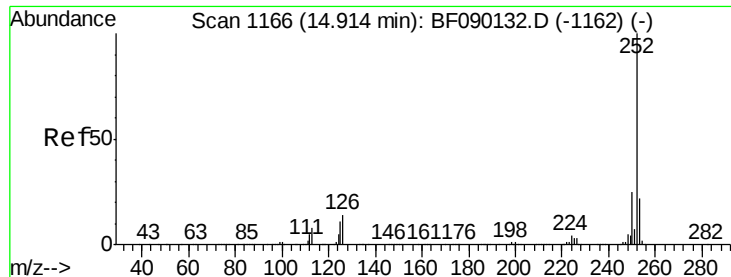
Delta R.T. 0.00 min

Lab File: BF090229.D

Acq: 26 Sep 2016 18:51

Tgt Ion:	252	Resp:	664147
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	14.8	7.8	11.6#





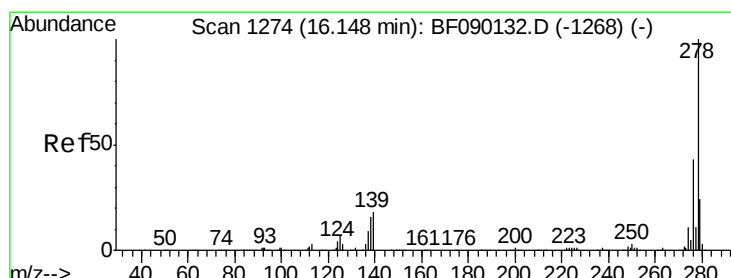
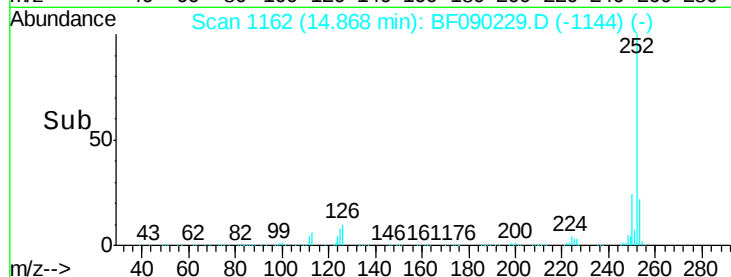
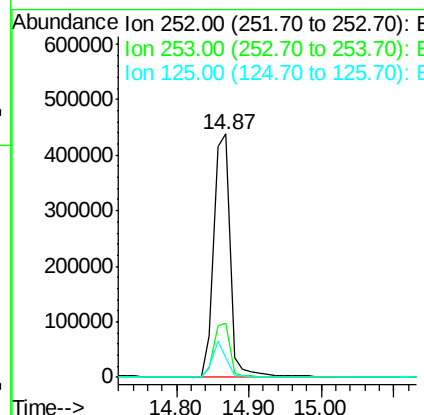
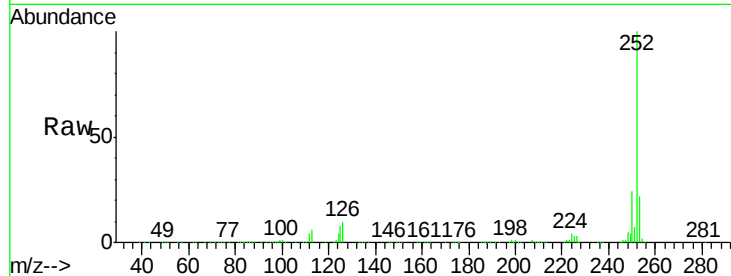
#89
Benzo(a)pyrene
Concen: 42.32 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	7.9	7.7	11.5

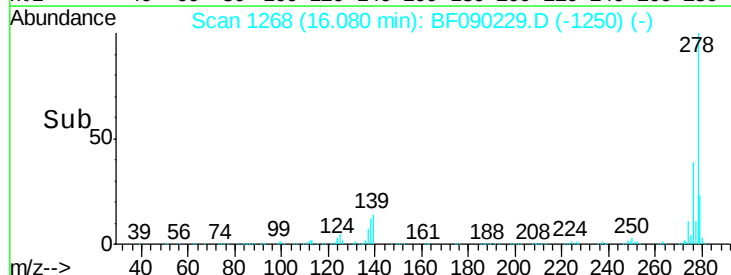
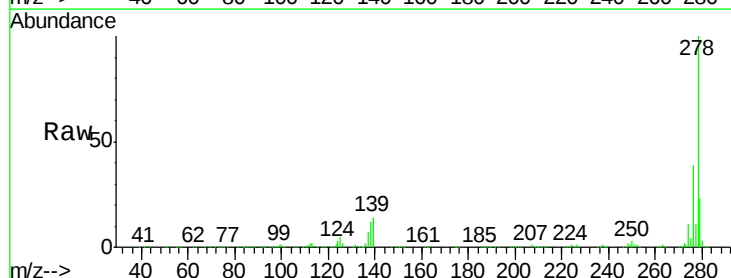
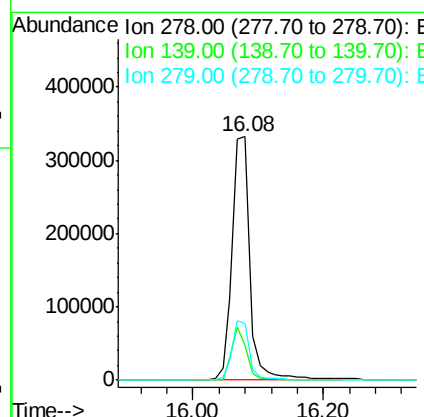
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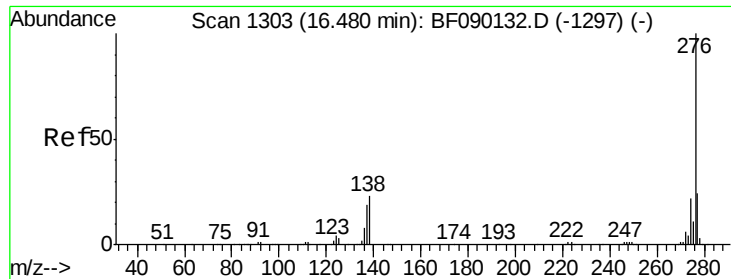
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#90
Dibenzo(a,h)anthracene
Concen: 49.69 ng
RT: 16.08 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF090229.D
Acq: 26 Sep 2016 18:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	14.6	21.8#
279	23.3	18.8	28.2





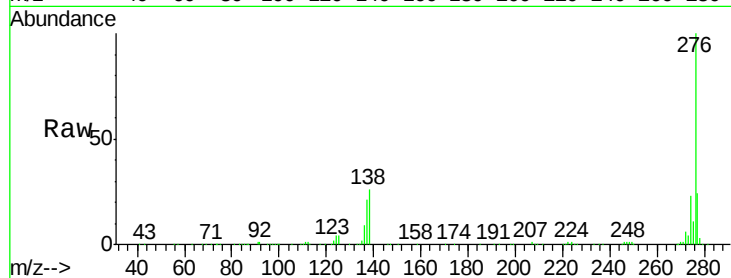
#91
 Benzo(a,h,i)perylene
 Concen: 51.97 ng
 RT: 16.40 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF090229.D
 Acq: 26 Sep 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-092216MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	26.0	23.3	34.9

Manual Integrations
 APPROVED

sohil
 9/27/2016 1:06:43 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

