

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091430.D
 Acq On : 5 Dec 2016 20:55
 Operator : UM/SJ
 Sample : H5838-09MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

Manual Integrations
 APPROVED

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 12/6/2016 3:01:58 PM

Quant Time: Dec 06 00:43:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142011	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	588507	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	323344	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	557379	20.00	ng	0.00
75) Chrysene-d12	14.00	240	347811	20.00	ng	0.00
86) Perylene-d12	15.43	264	310527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	566357	65.15	ng	0.01
7) Phenol-d6	6.48	99	455144	42.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	1066111	101.52	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	527531	172.33	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1880171	105.28	ng	0.00
78) Terphenyl-d14	12.96	244	1863467	116.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	60132	15.29	ng	86
3) Pyridine	3.21	79	134361	12.07	ng	# 83
4) n-Nitrosodimethylamine	3.14	42	107746	18.45	ng	95
6) Aniline	6.50	93	414185	29.14	ng	# 73
8) 2-Chlorophenol	6.63	128	347107	36.42	ng	# 77
9) Benzaldehyde	6.39	77	129241	18.78	ng	87
10) Phenol	6.49	94	218613	17.36	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	444963	49.46	ng	98
12) 1,3-Dichlorobenzene	6.79	146	497180	46.89	ng	99
13) 1,4-Dichlorobenzene	6.87	146	520777	49.38	ng	99
14) 1,2-Dichlorobenzene	7.02	146	442769	45.07	ng	100
15) Benzyl Alcohol	7.00	79	280321	32.73	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	933520	48.26	ng	71
17) 2-Methylphenol	7.11	107	262483	34.84	ng	# 77
18) Hexachloroethane	7.36	117	178975	47.80	ng	# 85
19) n-Nitroso-di-n-propylamine	7.27	70	349027	51.77	ng	# 96
20) 3+4-Methylphenols	7.26	107	262345	28.52	ng	# 36
22) Acetophenone	7.26	105	686168	49.19	ng	# 83
24) Nitrobenzene	7.43	77	530629	49.35	ng	94
25) Isophorone	7.68	82	995835	53.53	ng	98
26) 2-Nitrophenol	7.75	139	235141	47.99	ng	97
27) 2,4-Dimethylphenol	7.80	122	421186	45.95	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	569853	50.89	ng	99
29) 2,4-Dichlorophenol	7.99	162	371500	46.07	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	475049	52.55	ng	96
31) Naphthalene	8.16	128	1461359	52.25	ng	99
32) Benzoic acid	7.88	122	77589	11.48	ng	93
33) 4-Chloroaniline	8.21	127	432347	36.16	ng	97
34) Hexachlorobutadiene	8.28	225	267571	48.14	ng	97
35) Caprolactam	8.58	113	15642	6.75	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	408371	46.91	ng	87
37) 2-Methylnaphthalene	8.85	142	923109	48.58	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	491902	53.96	ng	99
40) Hexachlorocyclopentadiene	9.01	237	469164	111.04	ng	99

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 ALS Vial : 14 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Dec 06 00:43:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	316153	53.37	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	310895	52.37	nq	96
45) 1,1'-Biphenyl	9.32	154	1160973	49.93	nq	97
46) 2-Chloronaphthalene	9.34	162	868139	50.14	nq	99
47) 2-Nitroaniline	9.43	65	292105	46.97	nq #	78
48) Acenaphthylene	9.75	152	1322208	48.51	nq	99
49) Dimethylphthalate	9.62	163	1130428	57.74	nq	98
50) 2,6-Dinitrotoluene	9.68	165	278762	63.70	nq #	72
51) Acenaphthene	9.92	154	1013702	55.14	nq	97
52) 3-Nitroaniline	9.84	138	163322	32.25	nq	89
53) 2,4-Dinitrophenol	9.96	184	277016	144.76	nq #	77
54) Dibenzofuran	10.09	168	1331772	54.10	nq	98
55) 4-Nitrophenol	10.00	139	139465	38.12	nq	93
56) 2,4-Dinitrotoluene	10.08	165	363141	63.97	nq #	80
57) Fluorene	10.44	166	938347	49.65	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	279434	55.12	nq	96
59) Diethylphthalate	10.32	149	1130287	58.48	nq #	94
60) 4-Chlorophenyl-phenylether	10.44	204	537041	56.66	nq	98
61) 4-Nitroaniline	10.46	138	197281	41.48	nq	88
62) Azobenzene	10.60	77	1195913	60.64	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	184008	59.92	nq #	33
65) n-Nitrosodiphenylamine	10.55	169	849218	50.25	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	333683	55.70	nq #	72
67) Hexachlorobenzene	10.98	284	319729	49.39	nq #	81
68) Atrazine	11.09	200	313328	57.25	nq	91
69) Pentachlorophenol	11.18	266	373123	97.90	nq	97
70) Phenanthrene	11.40	178	1372282	47.38	nq	99
71) Anthracene	11.45	178	1671467	58.15	nq	99
72) Carbazole	11.60	167	1225130	46.97	nq	99
73) Di-n-butylphthalate	11.94	149	1721181	58.22	nq	99
74) Fluoranthene	12.58	202	1638348	59.72	nq	98
76) Benzidine	12.70	184	355246	34.79	nq	98
77) Pyrene	12.81	202	1640200	62.14	nq	99
79) Butylbenzylphthalate	13.43	149	599177	60.62	nq	92
80) Benzo(a)anthracene	13.99	228	1108070	54.48	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	268164	37.42	nq #	97
82) Chrysene	14.04	228	1196878	59.47	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	854876	68.24	nq #	91
84) Di-n-octyl phthalate	14.61	149	1429312	75.39	nq	96
85) Indeno(1,2,3-cd)pyrene	16.83	276	1061555	57.60	nq #	93
87) Benzo(b)fluoranthene	15.02	252	1228571m	63.65	nq	
88) Benzo(k)fluoranthene	15.05	252	730081m	44.98	nq	
89) Benzo(a)pyrene	15.37	252	937586	54.09	nq #	94
90) Dibenzo(a,h)anthracene	16.85	278	882916	55.07	nq #	93
91) Benzo(g,h,i)perylene	17.25	276	861123	52.09	nq	98

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

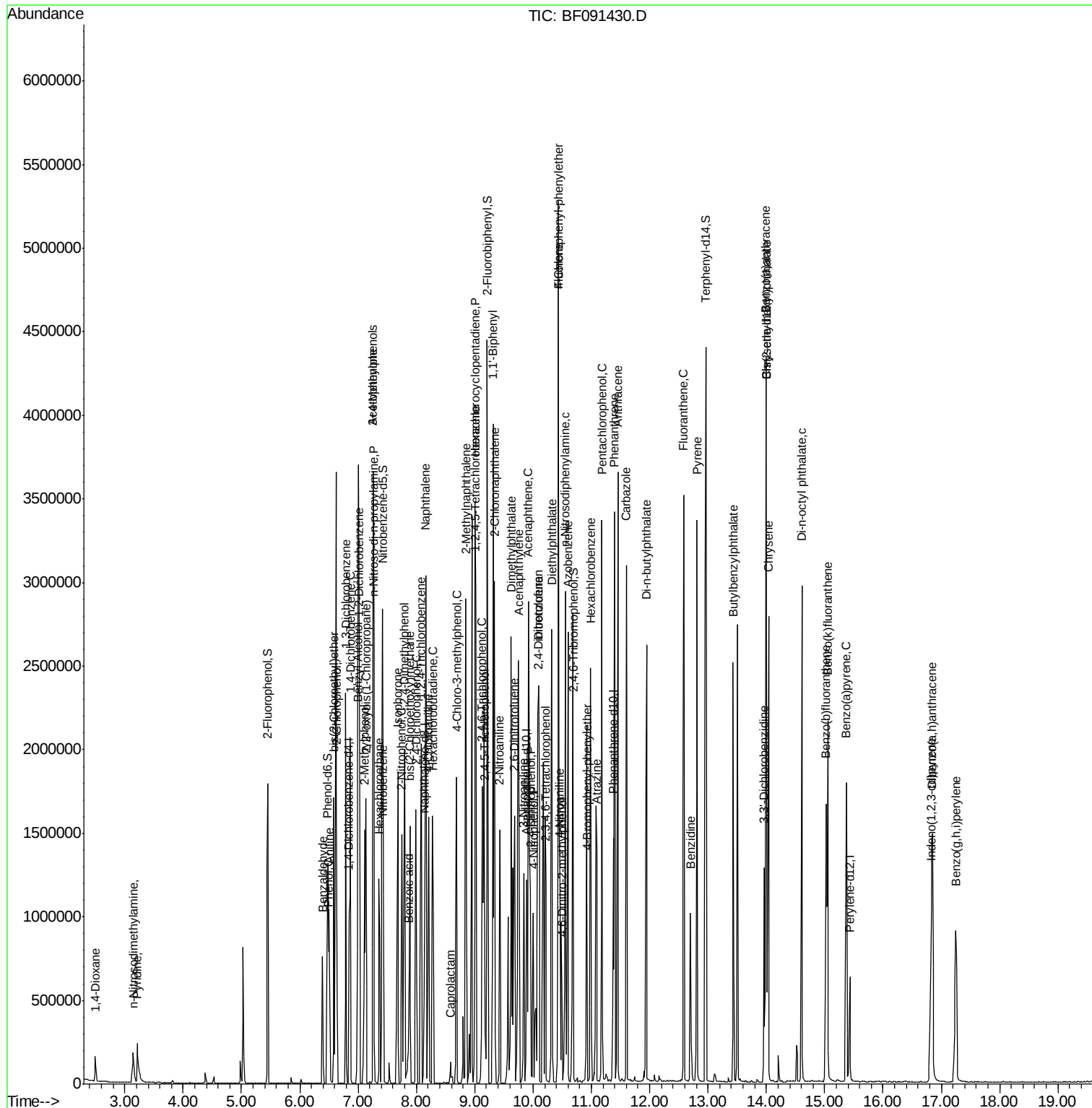
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\  
Data File : BF091430.D  
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Sample    : H5838-09MSD  
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ALS Vial  : 14 Sample Multiplier: 1
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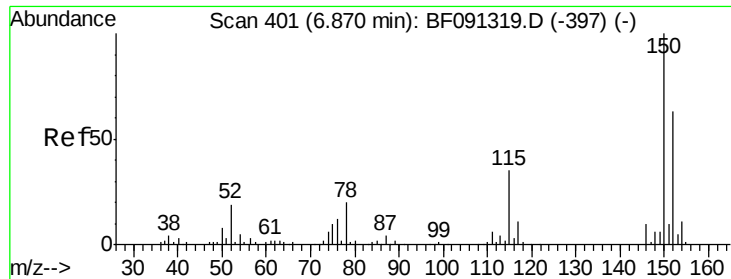
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Manual Integrations APPROVED

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Quant Time: Dec 06 00:43:58 2016
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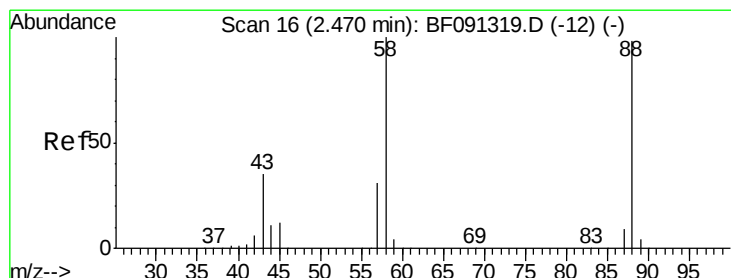
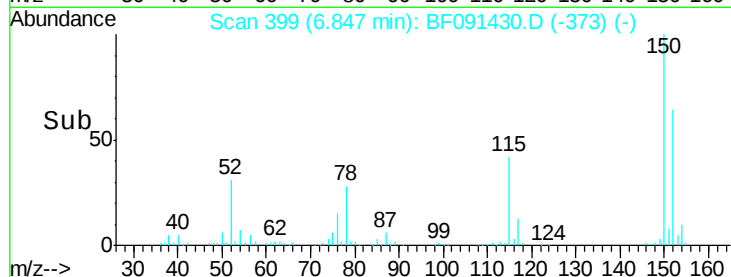
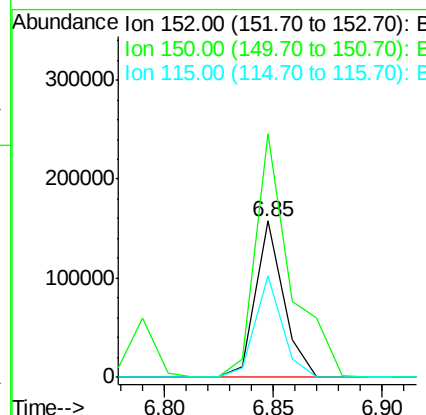
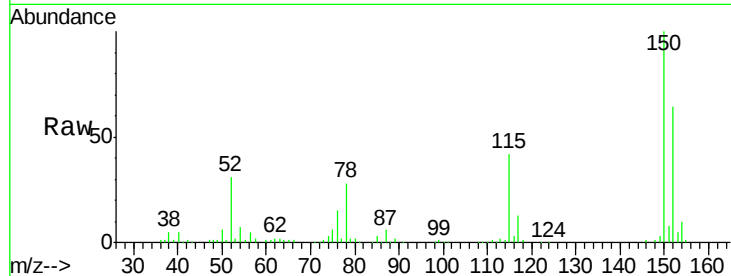
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.5	183.7
115	65.2	51.8	77.8

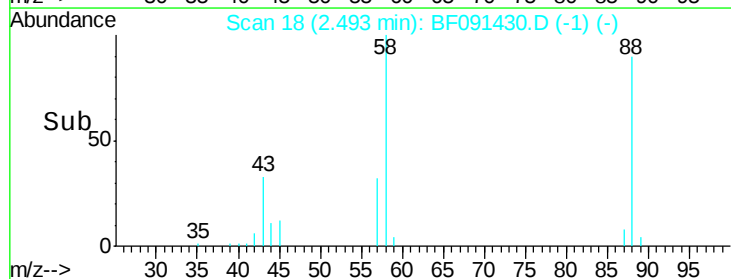
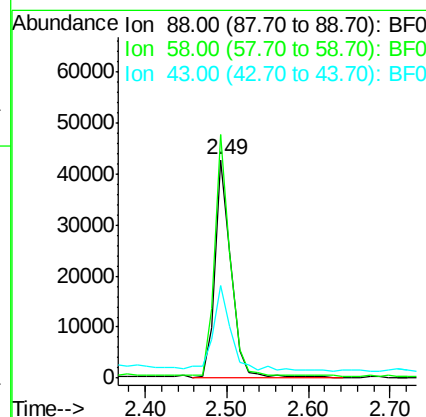
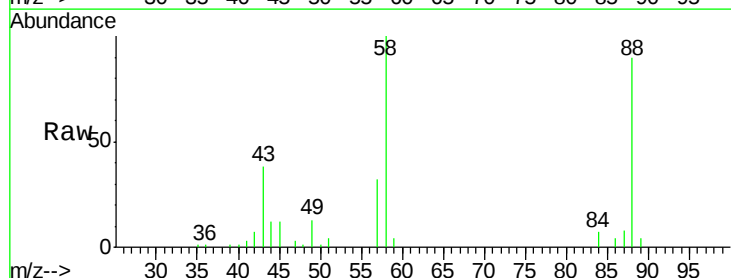
Manual Integrations
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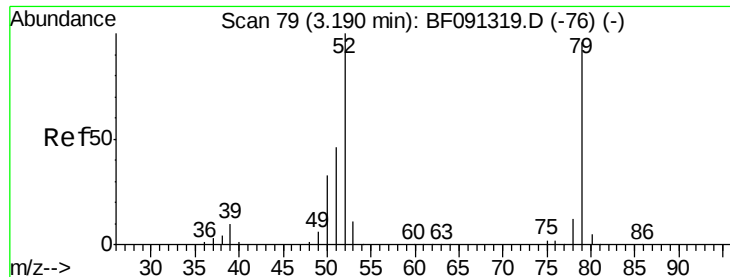
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#2
 1,4-Dioxane
 Concen: 15.29 ng
 RT: 2.49 min Scan# 18
 Delta R.T. 0.05 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	70.3	105.5
43	45.0	31.3	46.9





#3

Pvridine

Concen: 12.07 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.06 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

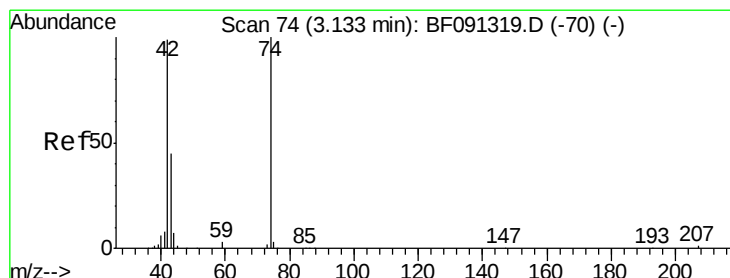
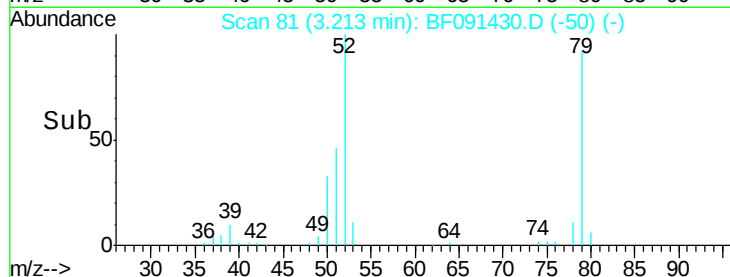
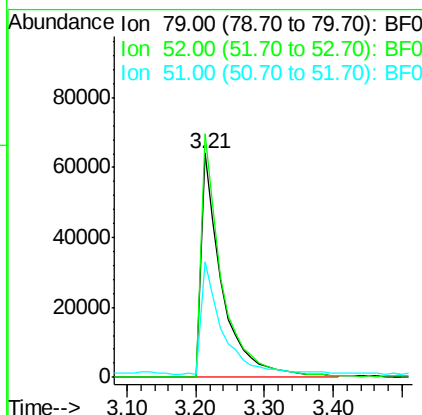
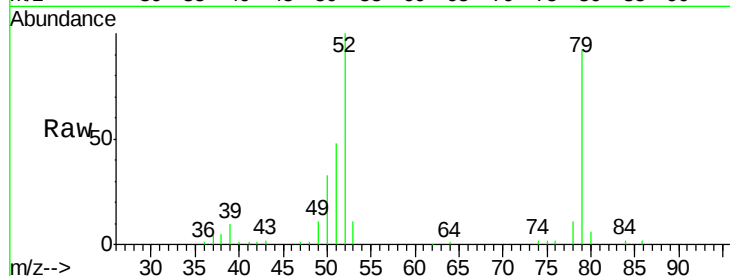
ClientSampleId :

MW-15MSD

Tot Ion:	79	Resp:	134361
Ion	Ratio	Lower	Upper
79	100		
52	108.7	71.0	106.4#
51	51.9	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 18.45 ng

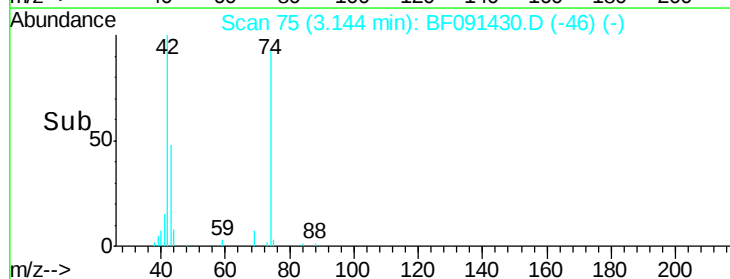
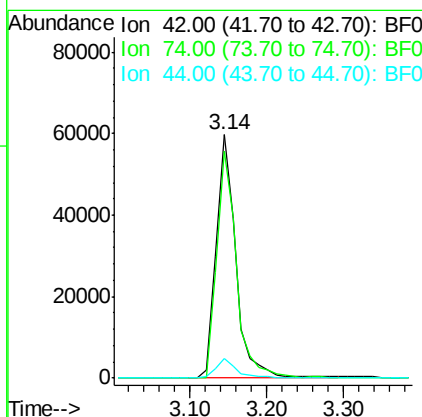
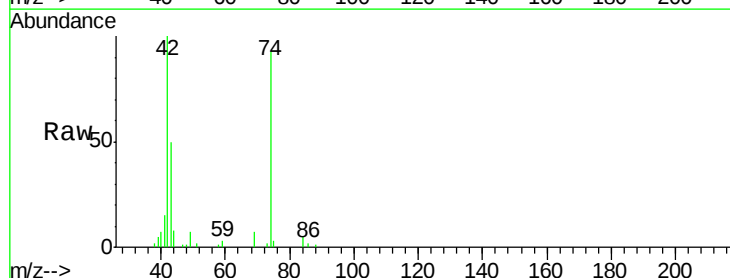
RT: 3.14 min Scan# 75

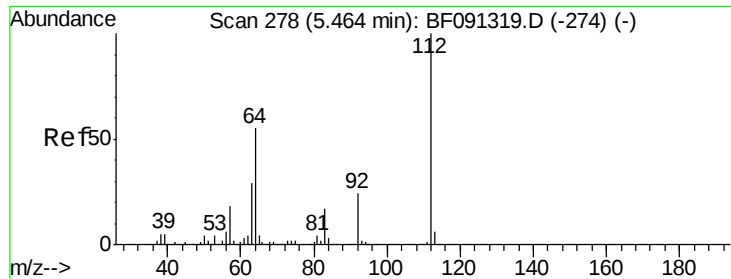
Delta R.T. 0.03 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion:	42	Resp:	107746
Ion	Ratio	Lower	Upper
42	100		
74	93.4	78.9	118.3
44	8.1	5.8	8.6





#5

2-Fluorophenol

Concen: 65.15 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

MW-15MSD

Tot Ion:112 Resp: 566357
Ion Ratio Lower Upper

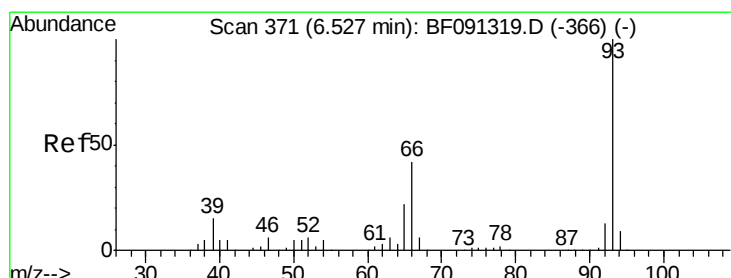
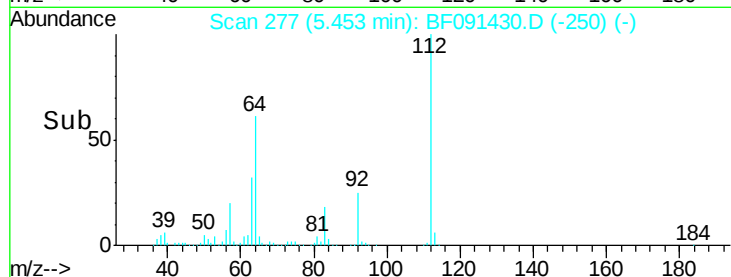
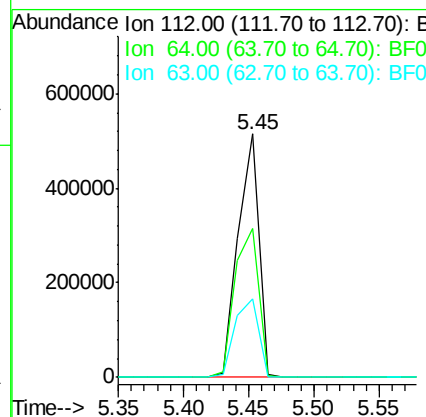
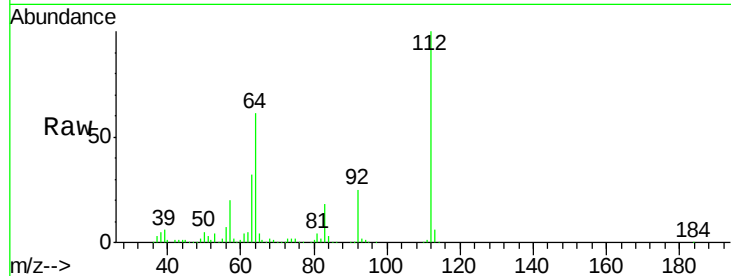
112 100

64 61.2 61.5 92.3#

63 32.5 33.3 49.9#

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#6

Aniline

Concen: 29.14 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091430.D

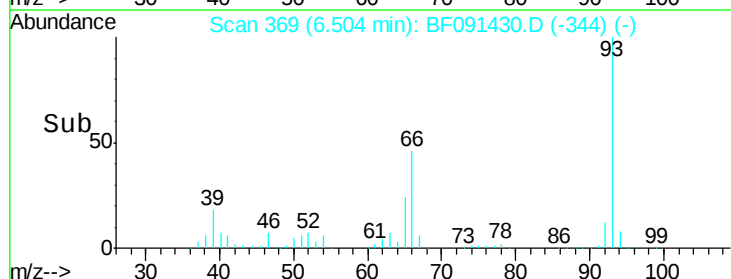
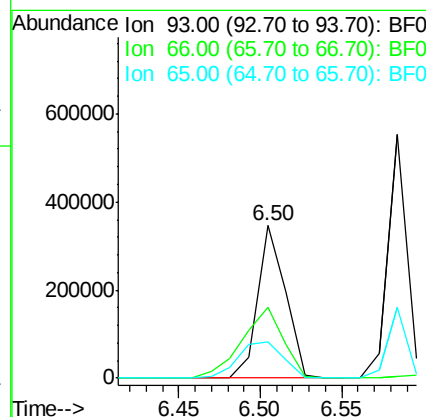
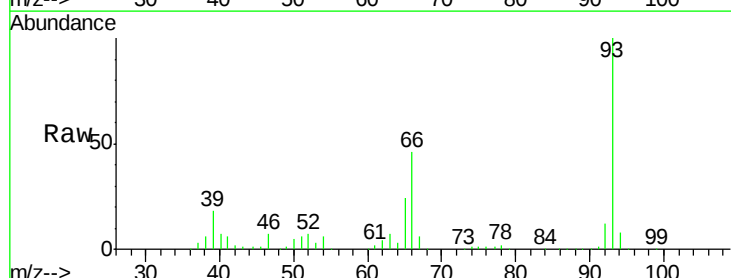
Acq: 5 Dec 2016 20:55

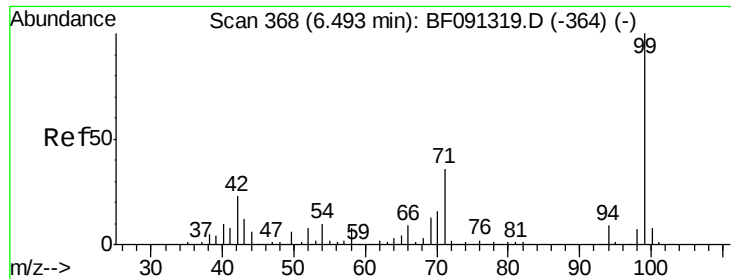
Tgt Ion: 93 Resp: 414185
Ion Ratio Lower Upper

93 100

66 46.1 55.8 83.6#

65 24.1 29.9 44.9#





#7

Phenol-d6

Concen: 42.53 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

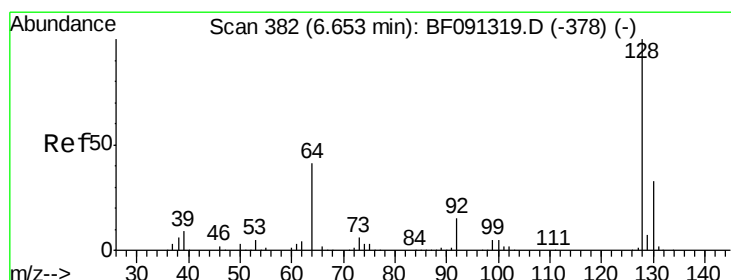
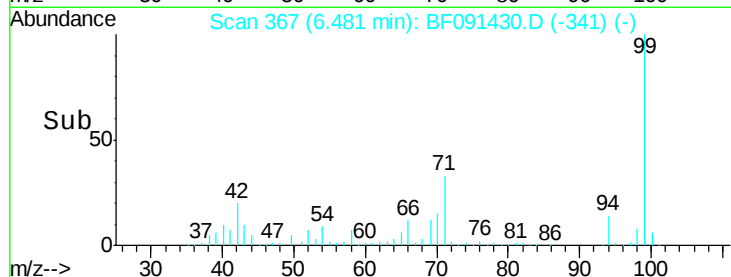
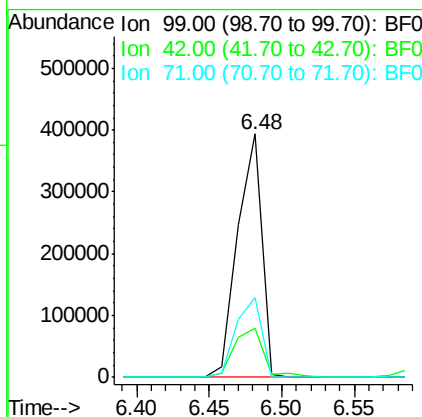
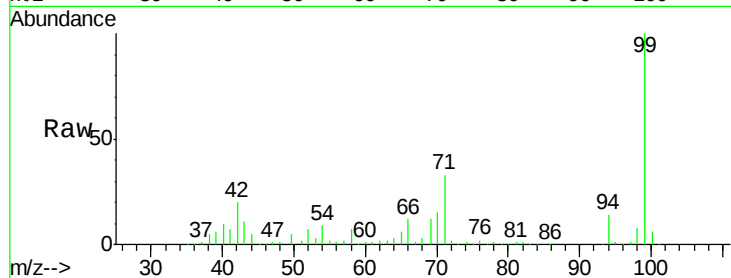
ClientSampled :

MW-15MSD

Tot Ion:	99	Resp:	455144
Ion Ratio	Lower	Upper	
99	100		
42	20.1	20.6	31.0#
71	33.0	29.9	44.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.42 ng

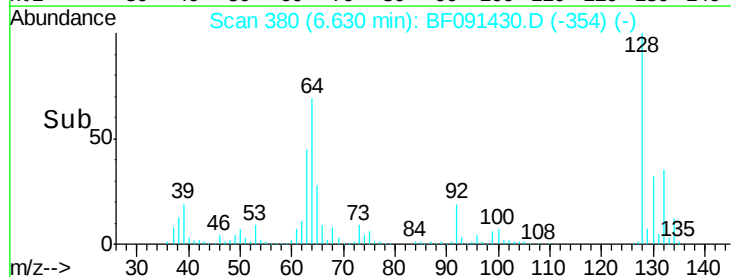
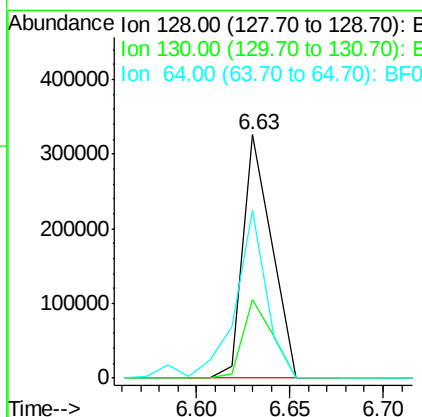
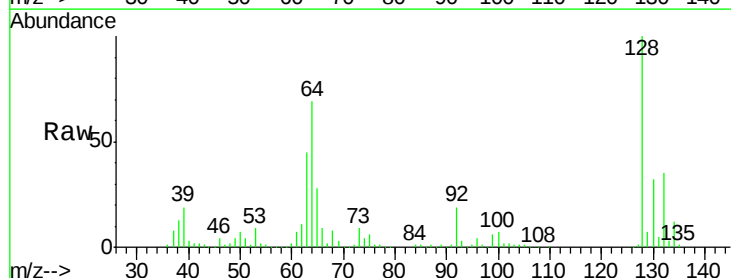
RT: 6.63 min Scan# 380

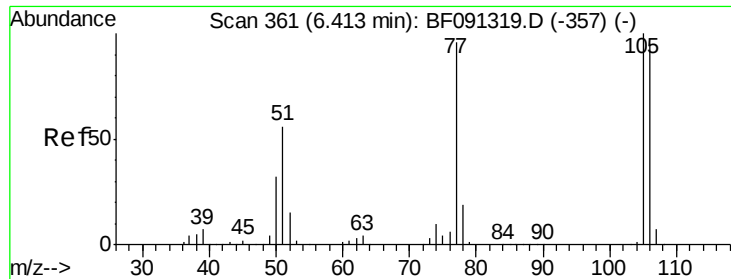
Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion:	128	Resp:	347107
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.1	53.1
64	69.2	24.1	64.1#





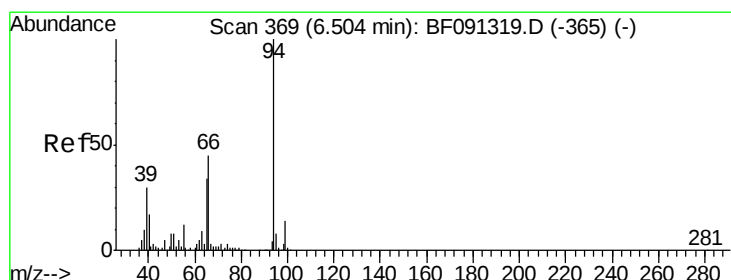
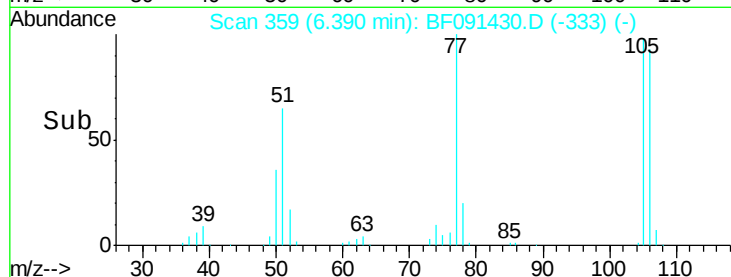
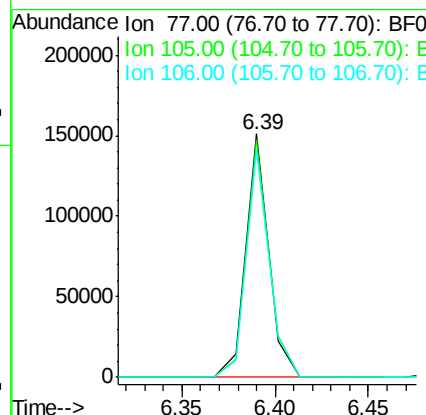
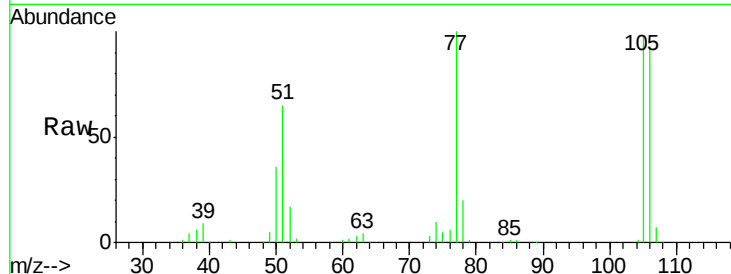
#9
Benzaldehyde
Concen: 18.78 ng
RT: 6.39 min Scan# 359
Delta R.T. -0.00 min
Lab File: BF091430.D
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Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.5	66.4	106.4
106	93.2	60.9	100.9

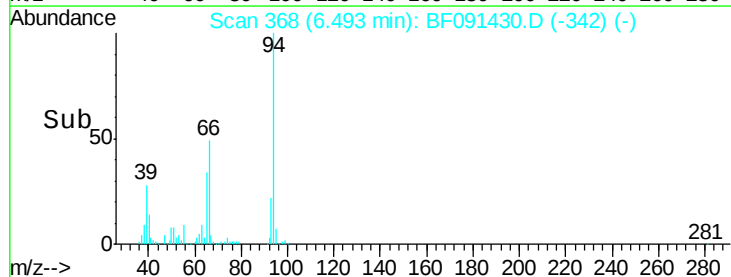
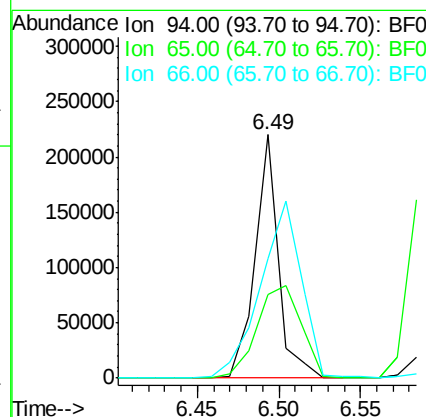
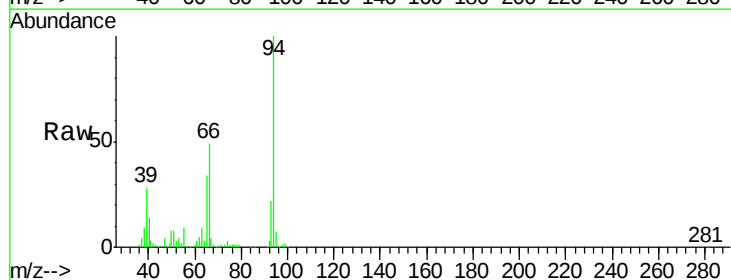
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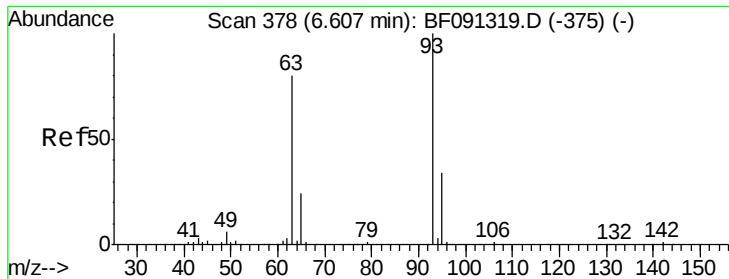
sohil
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#10
Phenol
Concen: 17.36 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.3	16.9	56.9
66	48.8	30.6	70.6





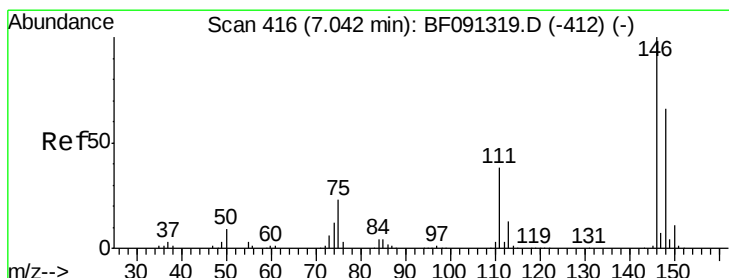
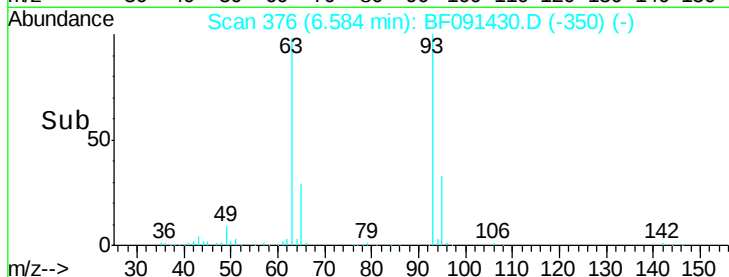
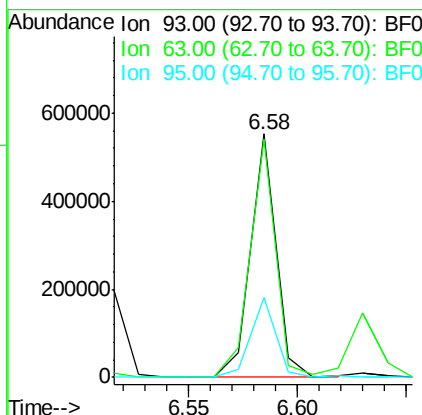
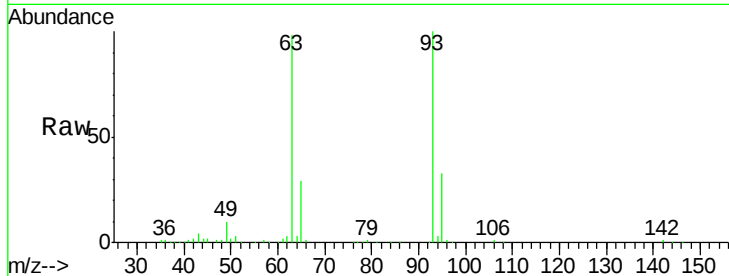
#11
bis(2-Chloroethyl)ether
Concen: 49.46 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	97.7	74.8	114.8
95	32.9	12.4	52.4

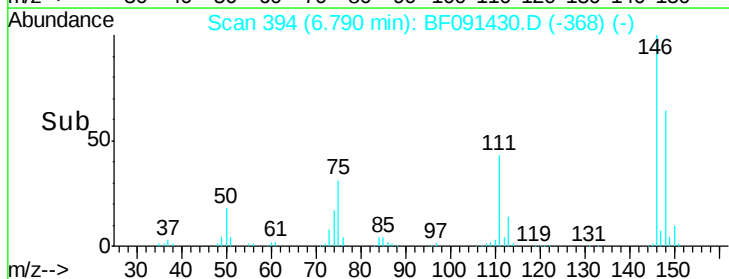
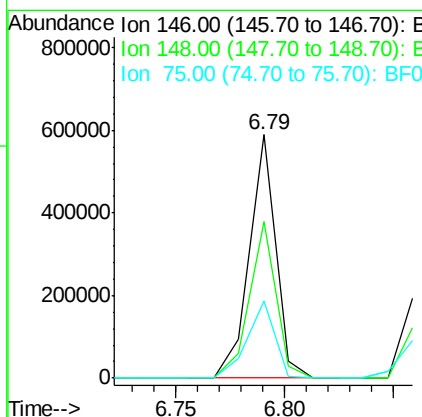
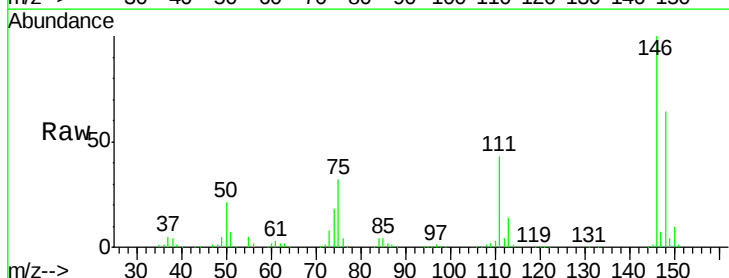
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 46.89 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	31.8	23.6	35.4





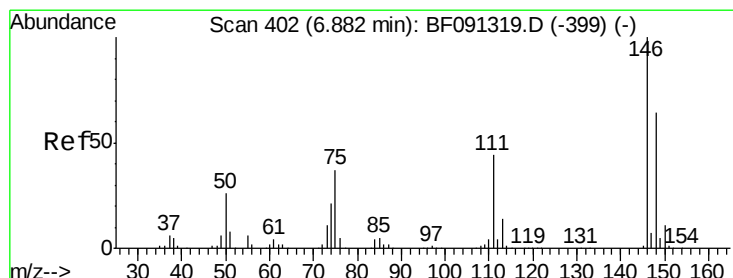
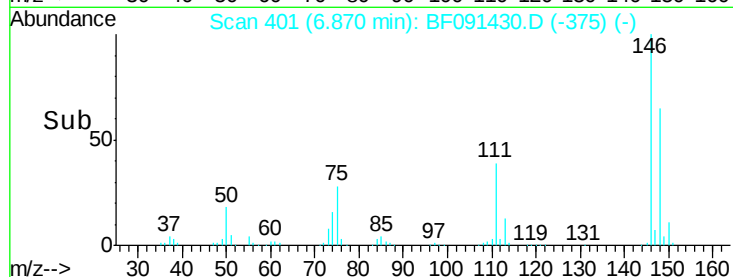
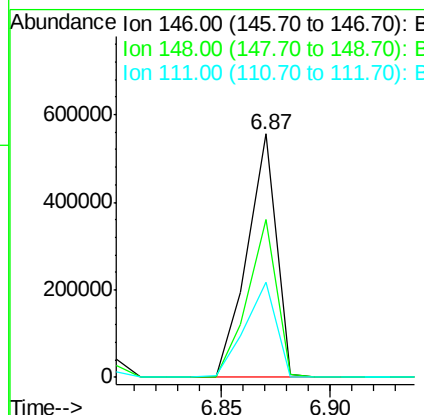
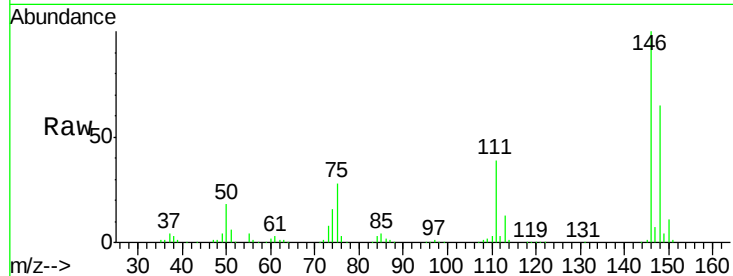
#13
 1,4-Dichlorobenzene
 Concen: 49.38 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	38.9	32.2	48.2

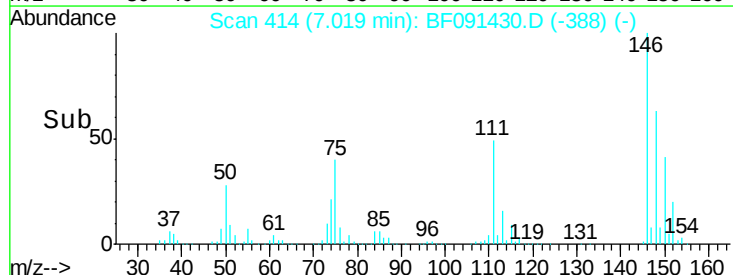
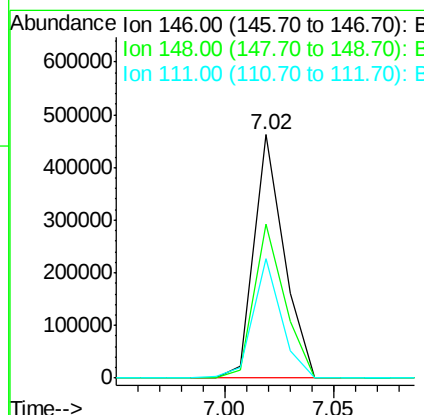
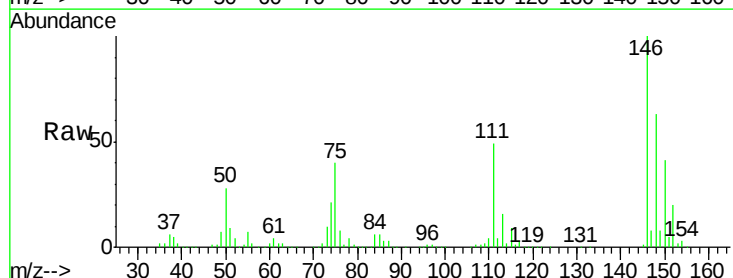
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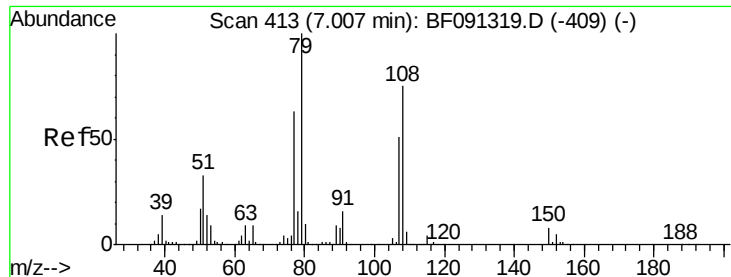
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#14
 1,2-Dichlorobenzene
 Concen: 45.07 ng
 RT: 7.02 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	48.9	38.9	58.3





#15

Benzyl Alcohol

Concen: 32.73 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

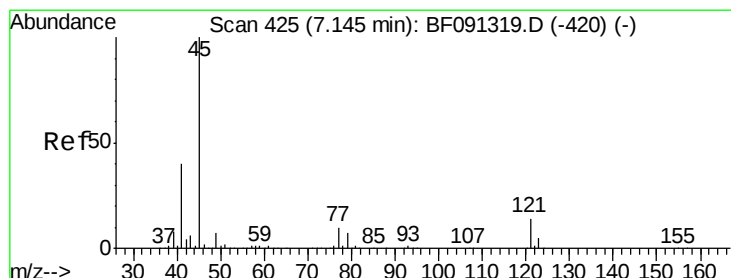
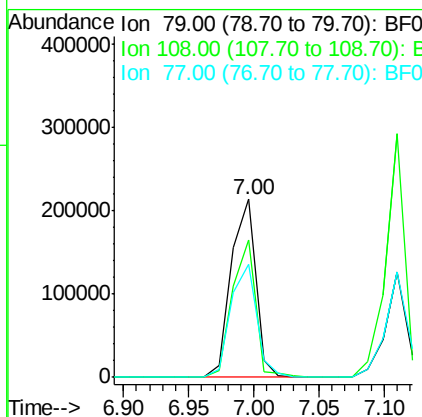
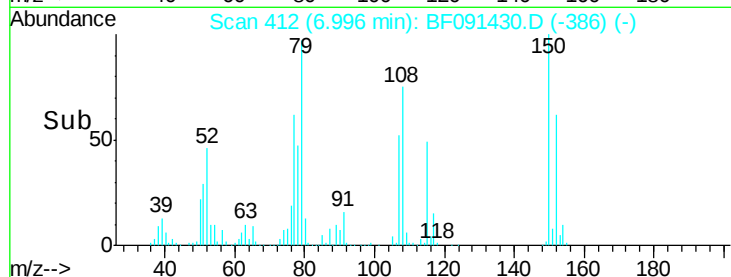
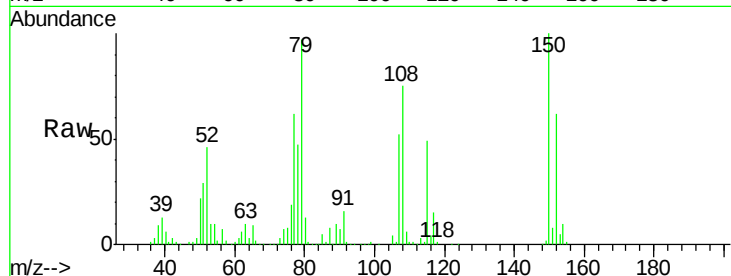
ClientSampleId :

MW-15MSD

Tot Ion:	79	Resp:	280321
Ion Ratio	Lower	Upper	
79	100		
108	77.3	62.7	94.1
77	63.7	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.26 ng

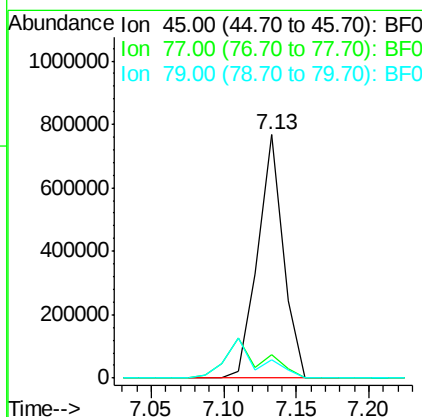
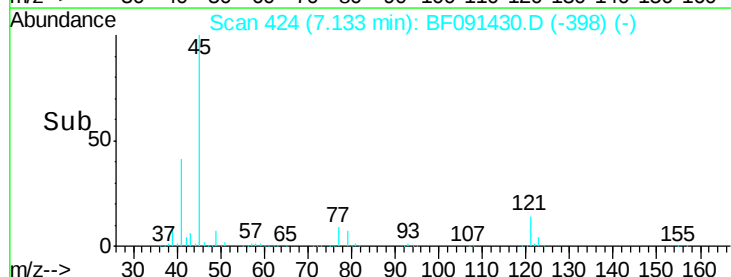
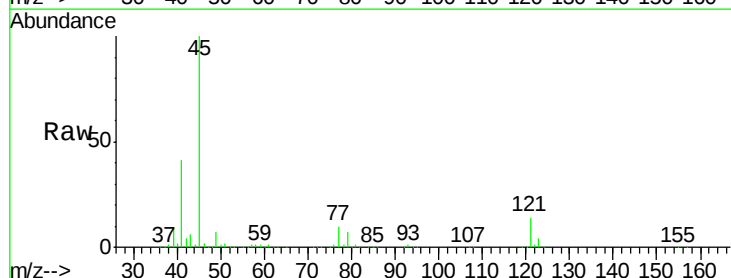
RT: 7.13 min Scan# 424

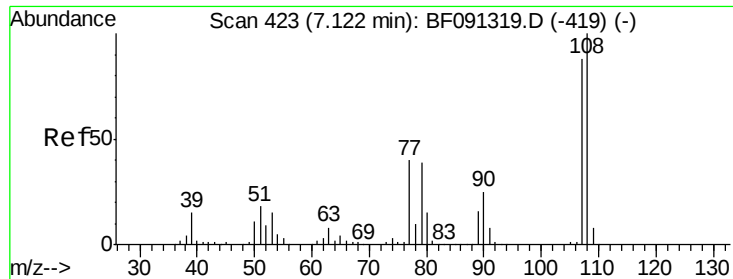
Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion:	45	Resp:	933520
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.3	0.2	40.2





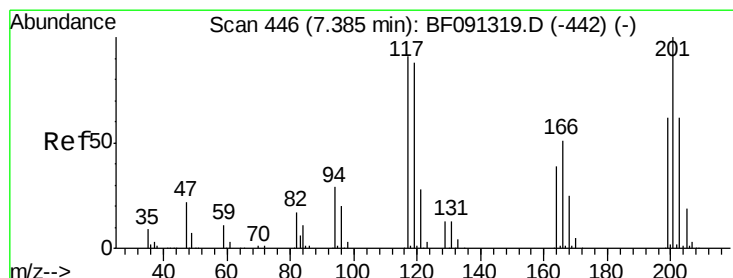
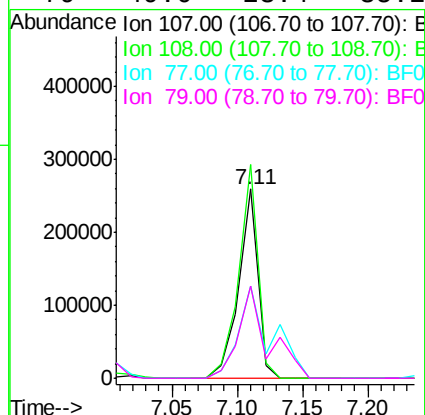
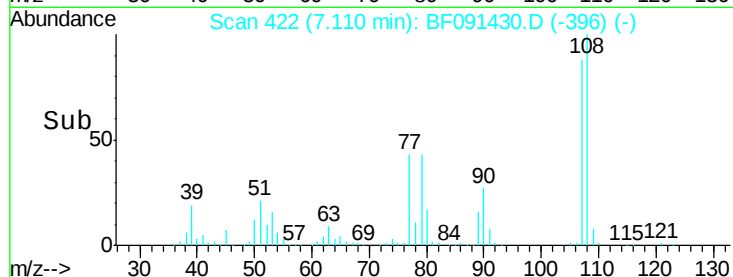
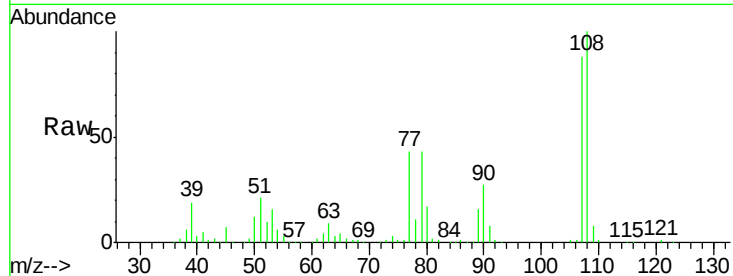
#17
2-Methylphenol
Concen: 34.84 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	67.7	101.5#
77	49.0	40.7	61.1
79	49.0	23.4	35.2#

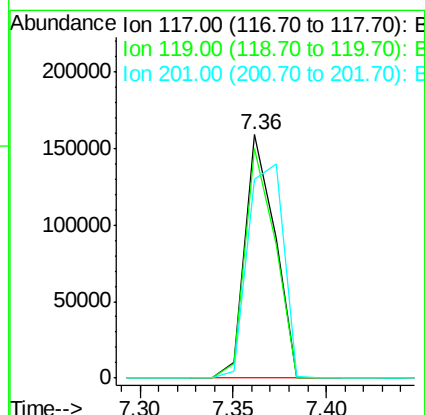
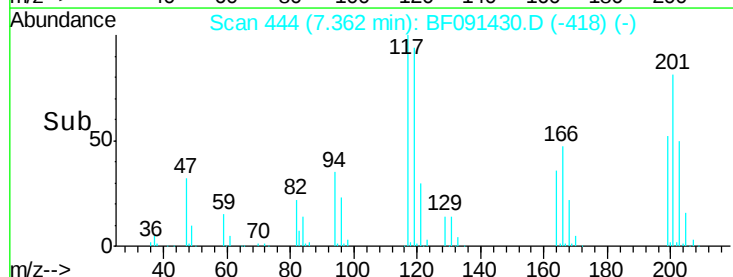
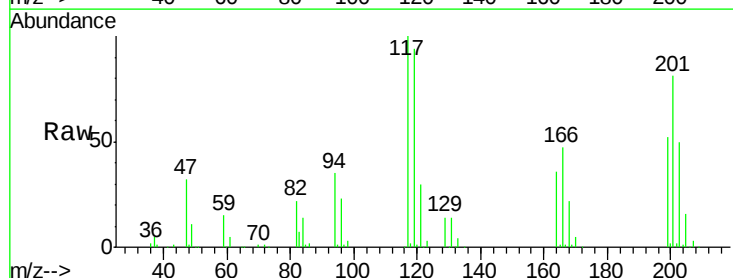
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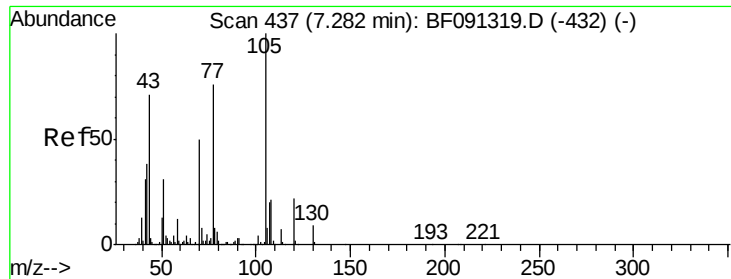
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#18
Hexachloroethane
Concen: 47.80 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.6	118.0
201	81.4	86.7	130.1#





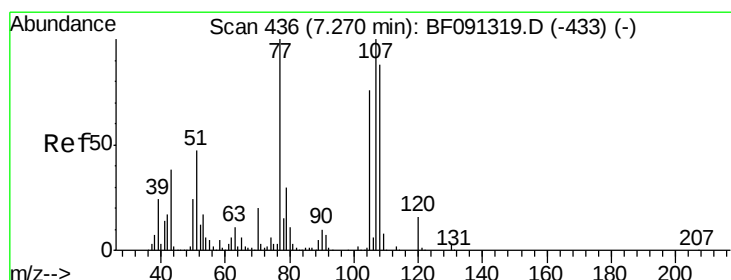
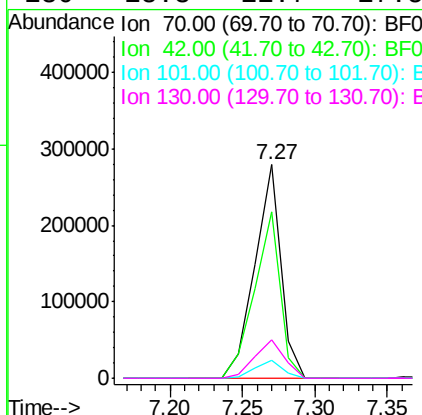
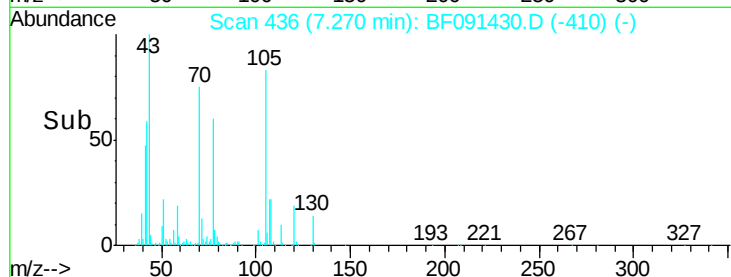
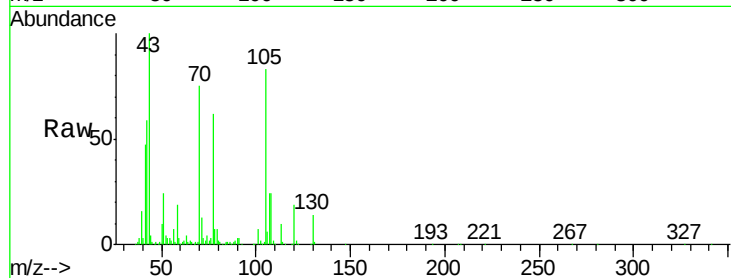
#19
n-Nitroso-di-n-propylamine
Concen: 51.77 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.8	64.8	97.2
101	8.7	6.2	9.4
130	18.3	11.7	17.5

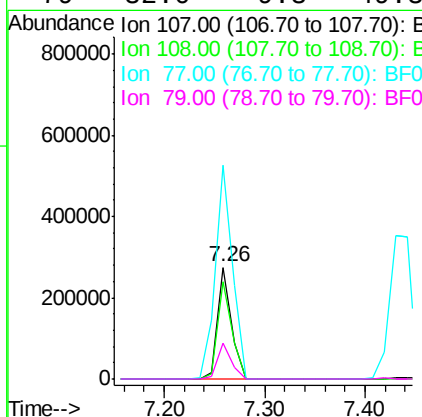
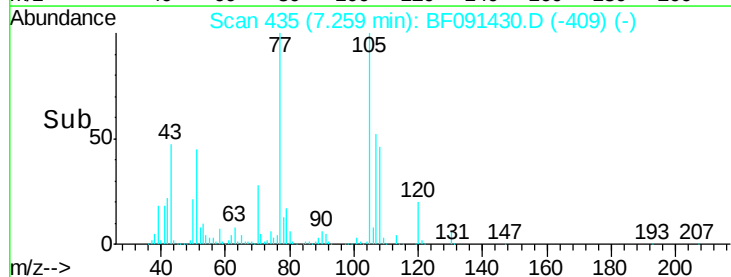
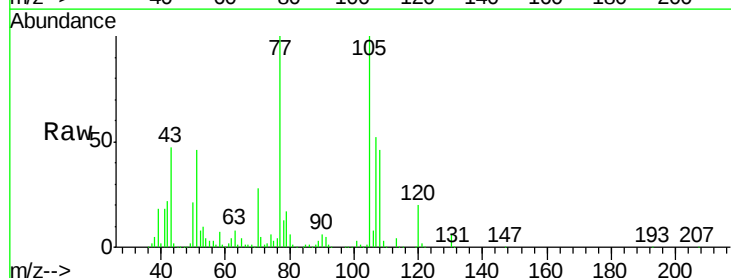
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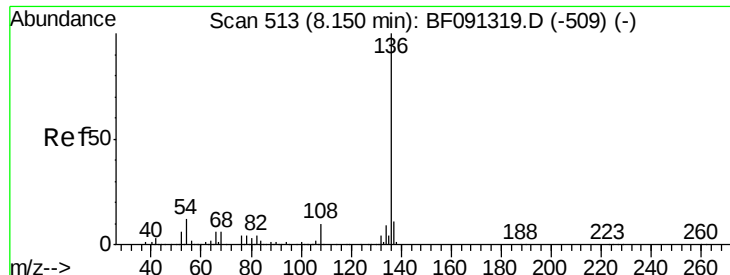
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#20
3+4-Methylphenols
Concen: 28.52 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	64.6	104.6
77	190.7	30.9	70.9
79	32.0	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

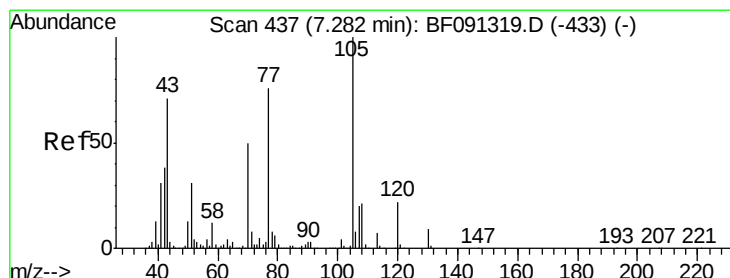
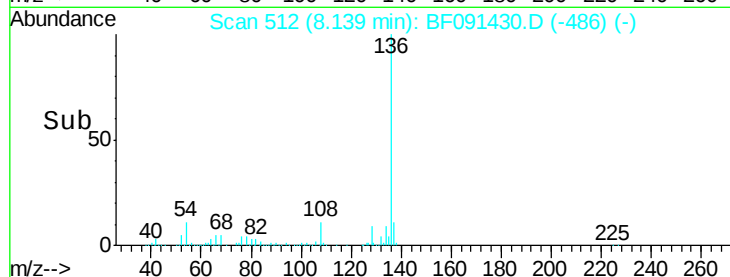
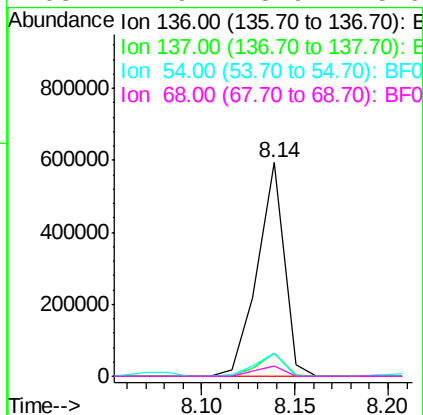
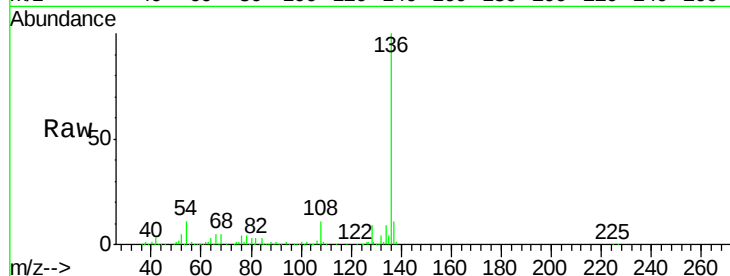
ClientSampleId :

MW-15MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		588507		
137	11.0		9.1	13.7	
54	10.7		9.1	13.7	
68	4.9		5.9	8.9	

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#22

Acetophenone

Concen: 49.19 ng

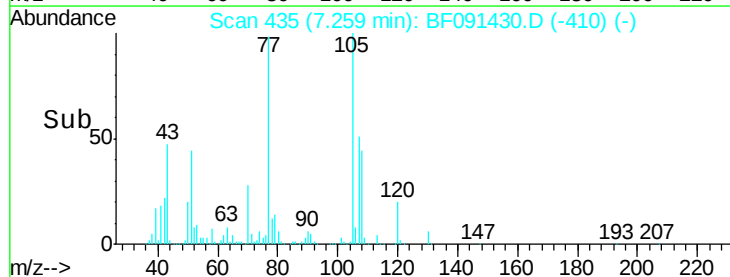
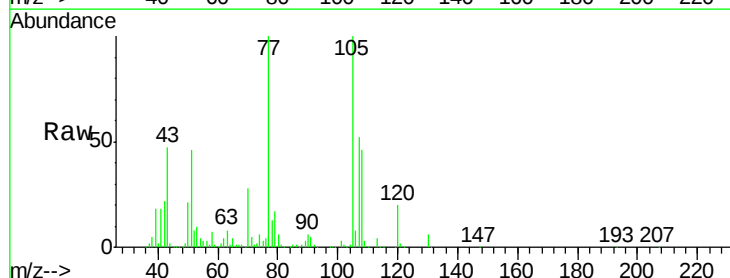
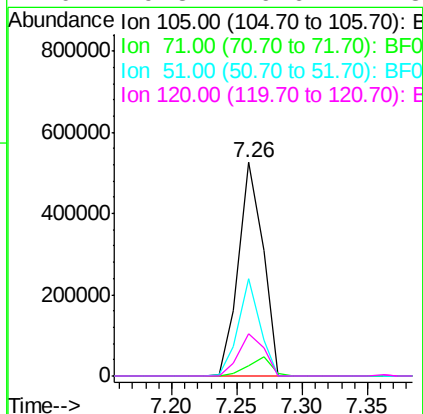
RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		686168		
71	4.7		7.9	11.9	
51	45.6		24.5	36.7	
120	19.8		16.6	24.8	





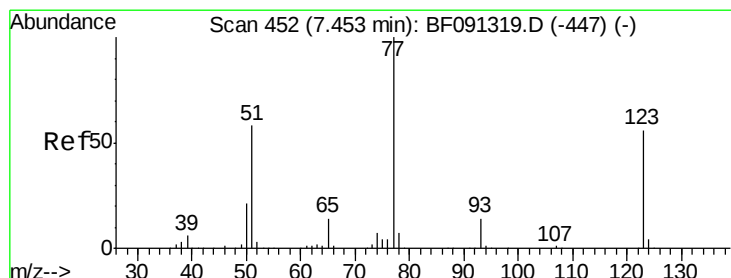
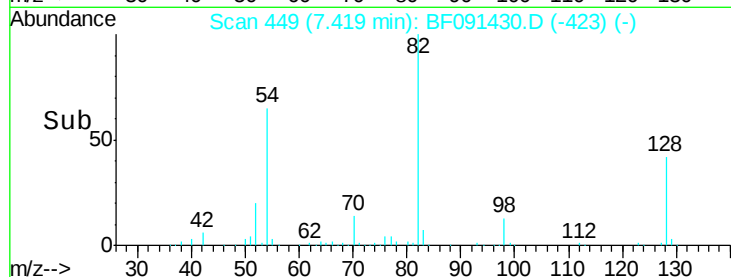
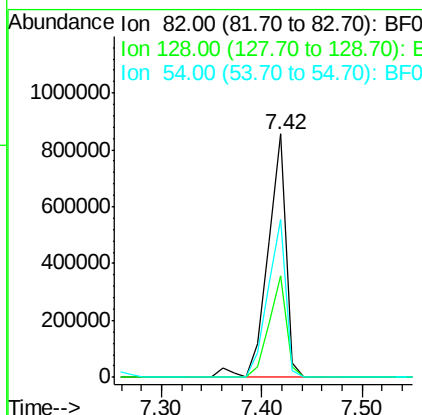
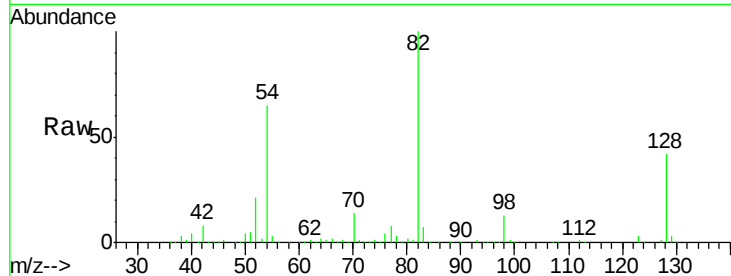
#23
 Nitrobenzene-d5
 Concen: 101.52 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampled :
 MW-15MSD

Tot Ion	82	Resp	1066111
Ion Ratio	100	Lower	Upper
128	41.8	31.8	47.6
54	64.9	49.1	73.7

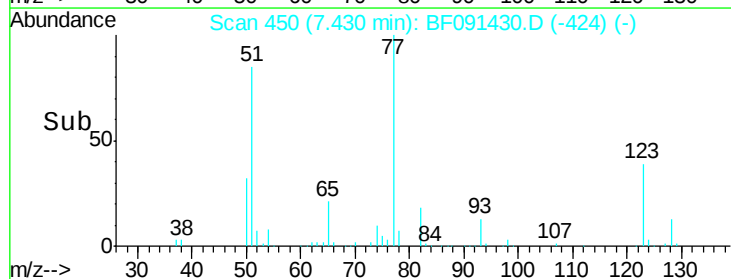
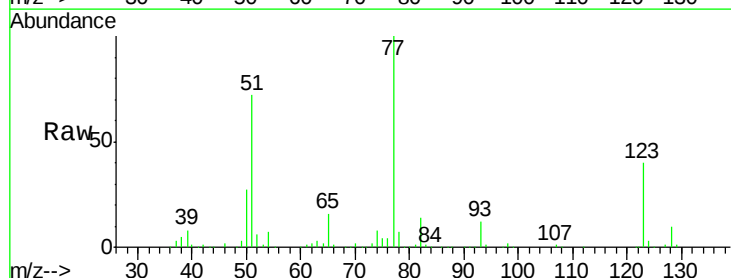
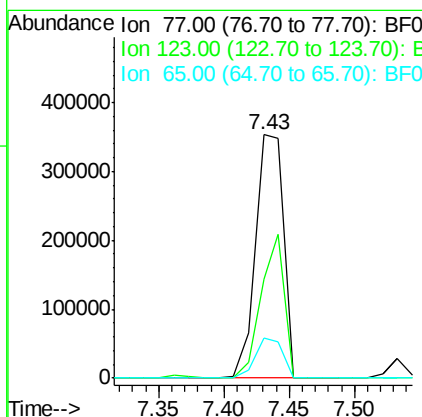
Manual Integrations
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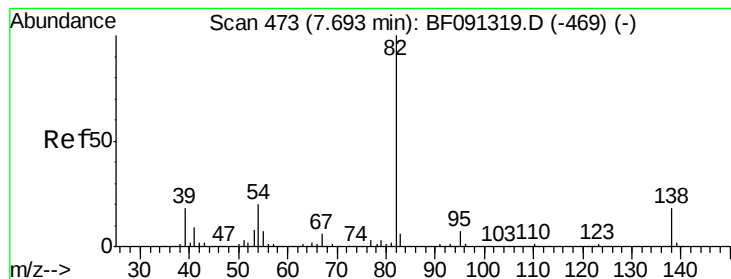
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#24
 Nitrobenzene
 Concen: 49.35 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	77	Resp	530629
Ion Ratio	100	Lower	Upper
123	40.4	28.5	42.7
65	16.5	12.5	18.7





#25

Isophorone

Concen: 53.53 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

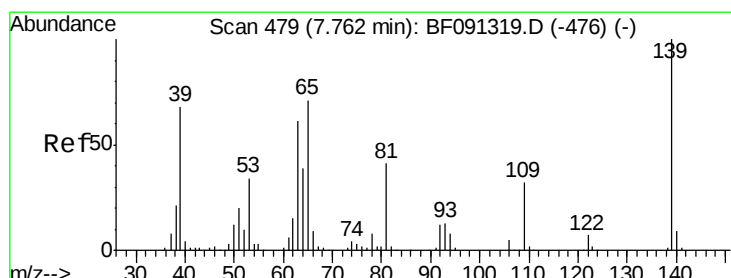
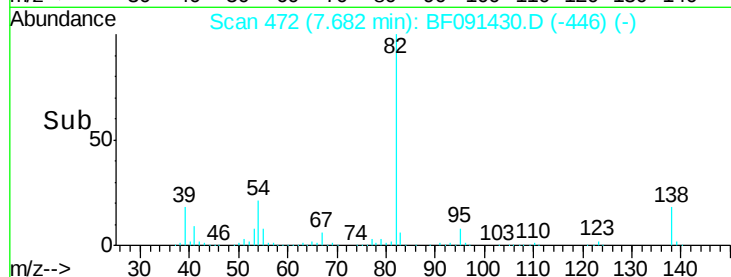
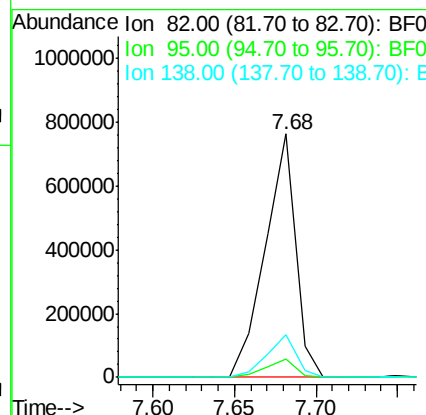
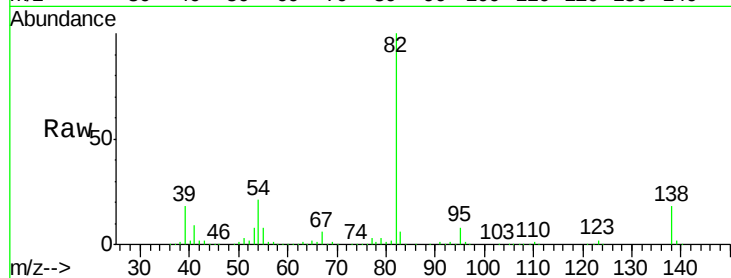
ClientSampleId :

MW-15MSD

Tot Ion:	82	Resp:	995835
Ion Ratio		Lower	Upper
82	100		
95	7.6	5.7	8.5
138	17.6	13.4	20.0

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#26

2-Nitrophenol

Concen: 47.99 ng

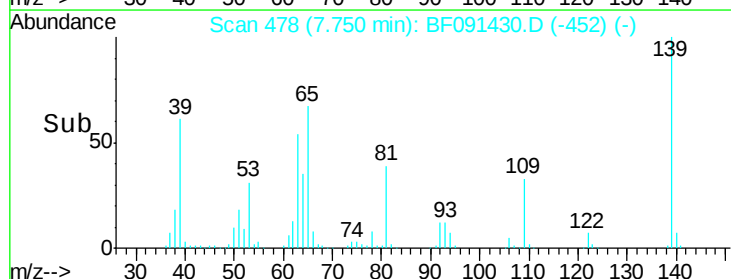
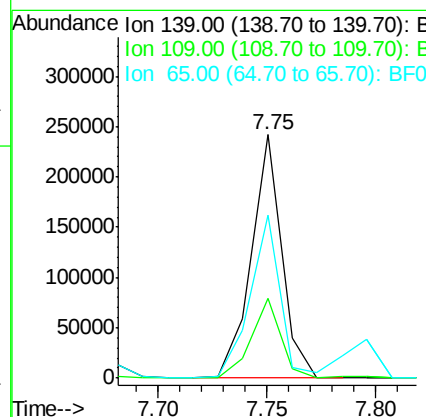
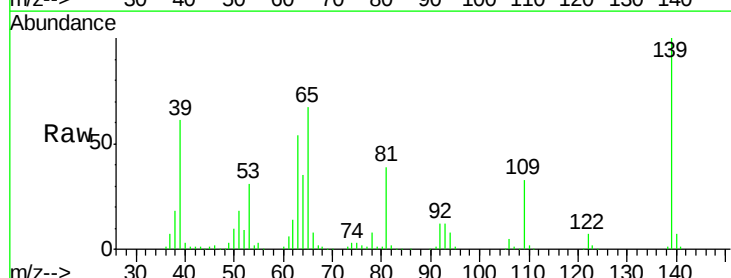
RT: 7.75 min Scan# 478

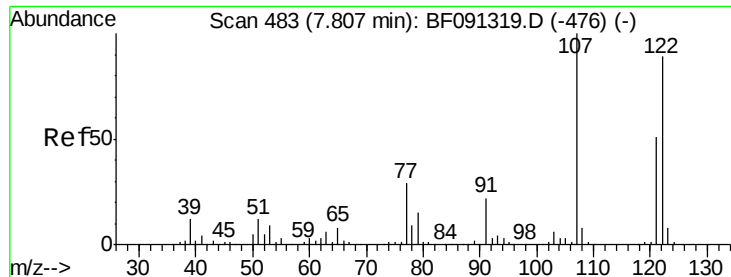
Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion:	139	Resp:	235141
Ion Ratio		Lower	Upper
139	100		
109	32.9	25.3	37.9
65	67.1	55.4	83.2





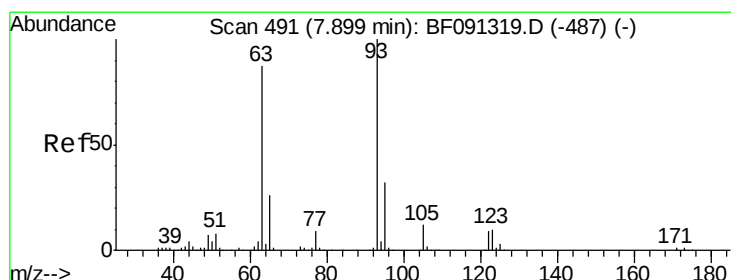
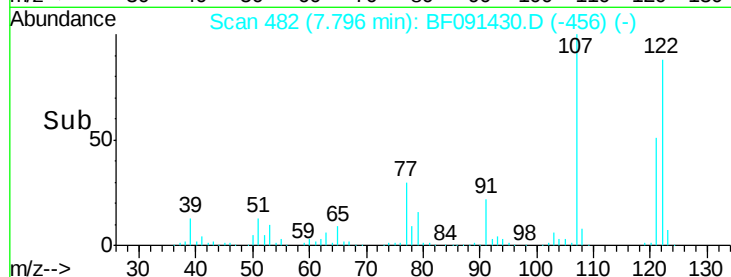
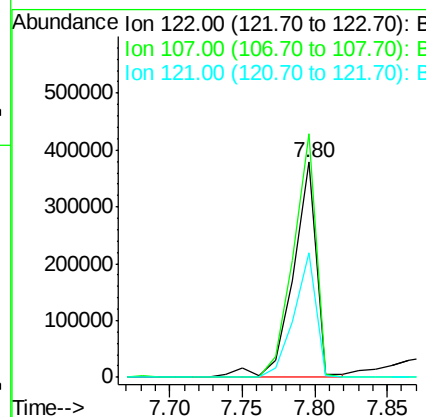
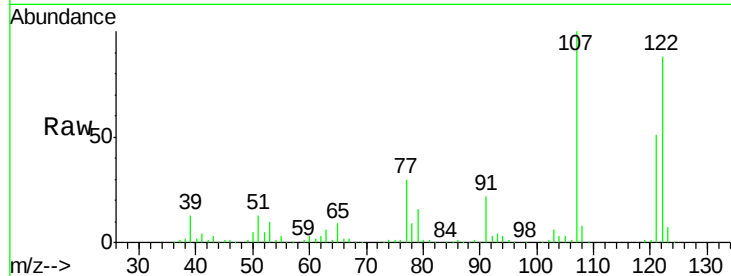
#27
2,4-Dimethylphenol
Concen: 45.95 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	96.8	145.2
121	58.0	47.7	71.5

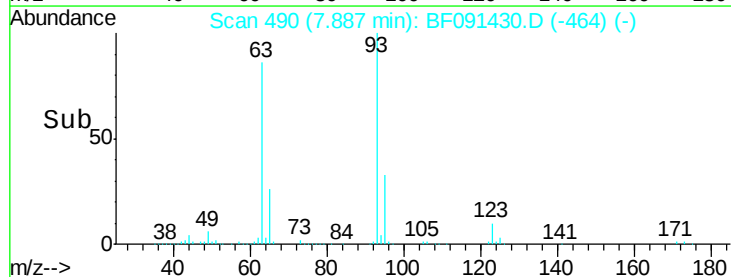
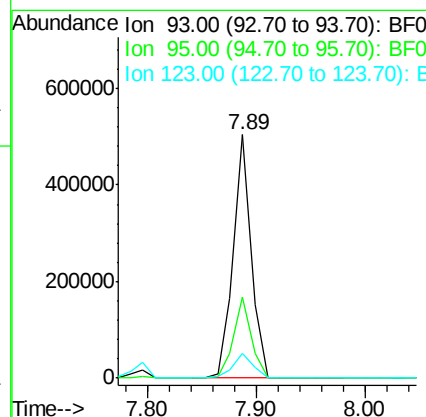
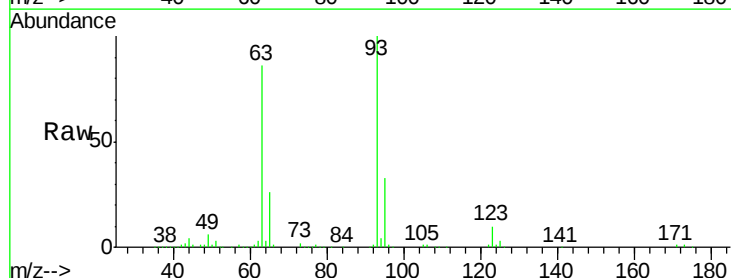
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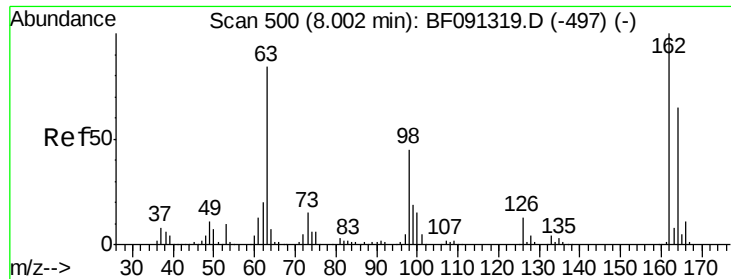
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#28
bis(2-Chloroethoxy)methane
Concen: 50.89 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	10.2	8.6	12.8





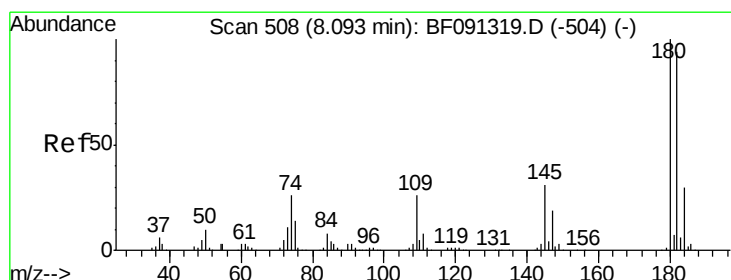
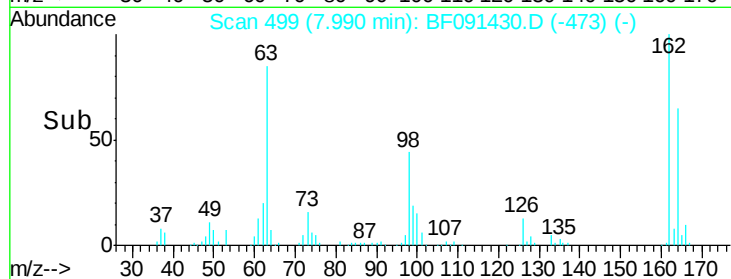
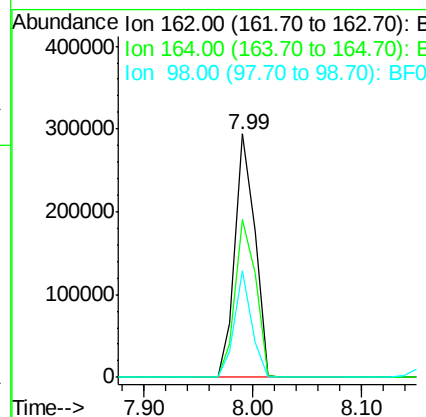
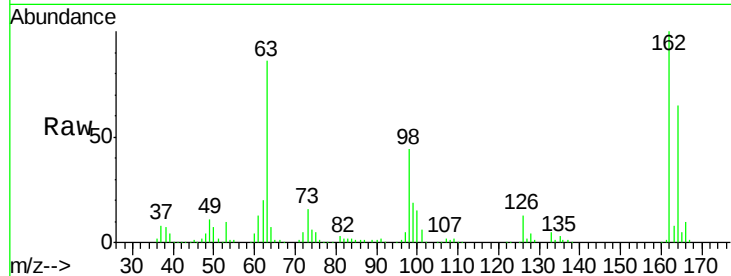
#29
 2,4-Dichlorophenol
 Concen: 46.07 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	45.0	85.0
98	44.0	21.3	61.3

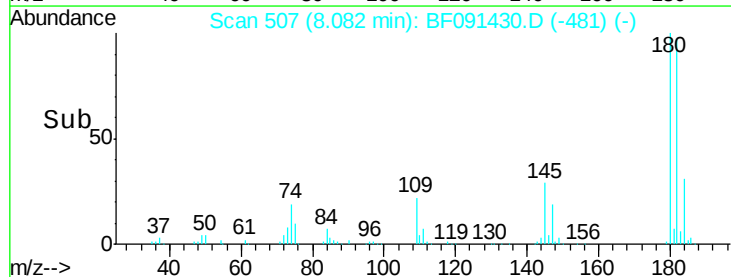
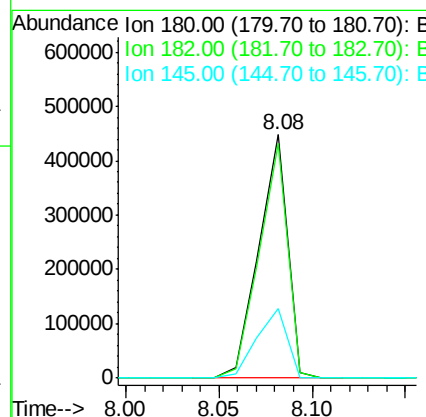
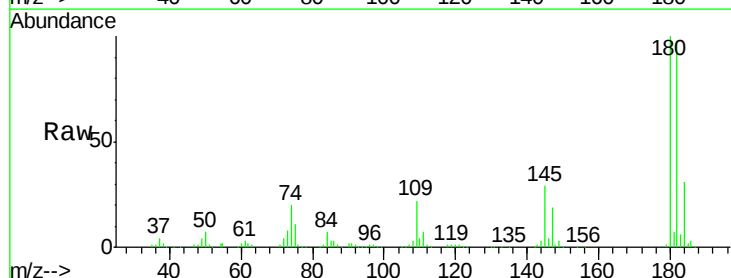
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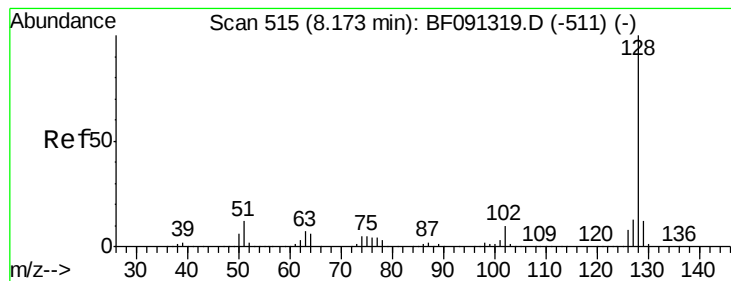
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.55 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	75.8	113.8
145	28.8	27.0	40.4





#31

Naphthalene

Concen: 52.25 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

MW-15MSD

Tot Ion:128 Resp: 1461359

Ion Ratio Lower Upper

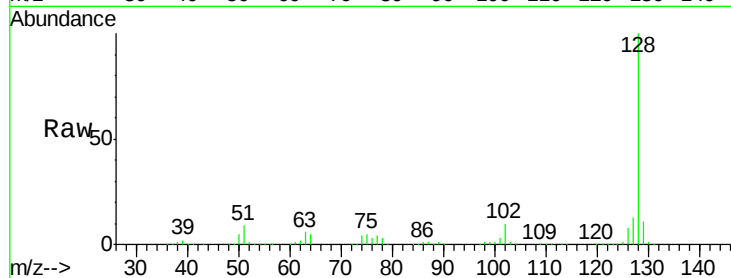
128 100

129 11.4 9.1 13.7

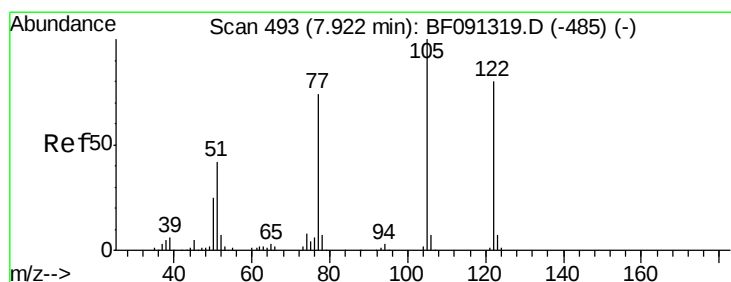
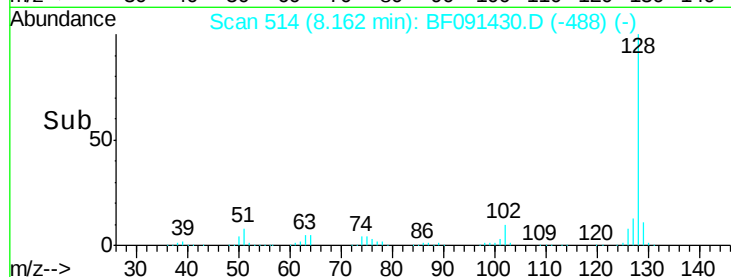
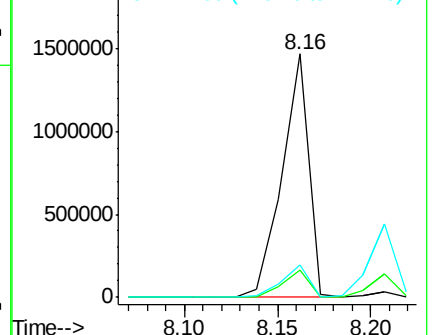
127 13.3 11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.48 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

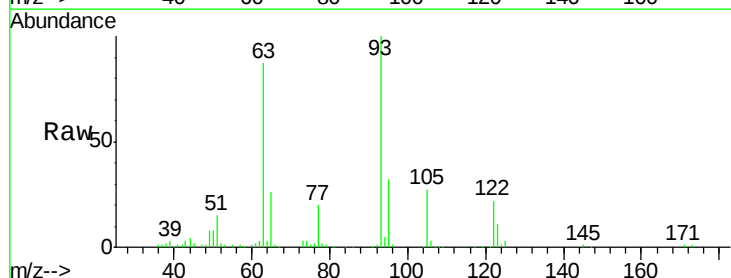
Tgt Ion:122 Resp: 77589

Ion Ratio Lower Upper

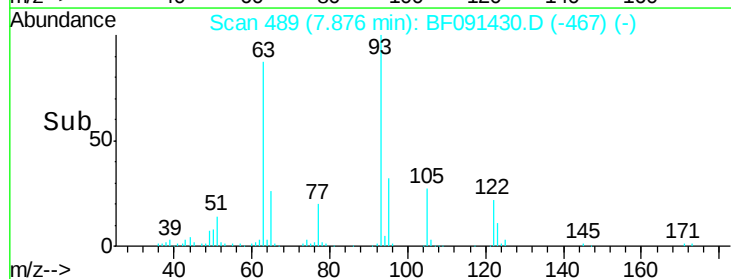
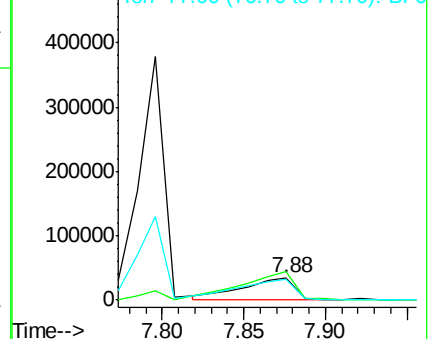
122 100

105 124.8 113.0 153.0

77 94.2 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





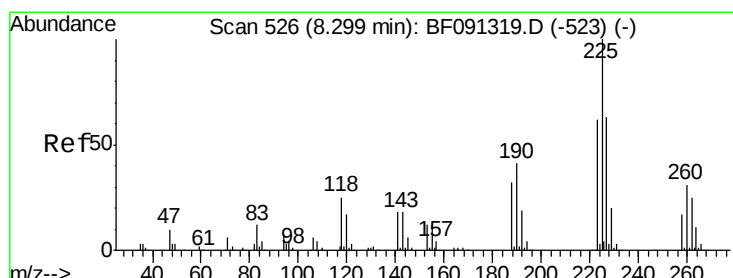
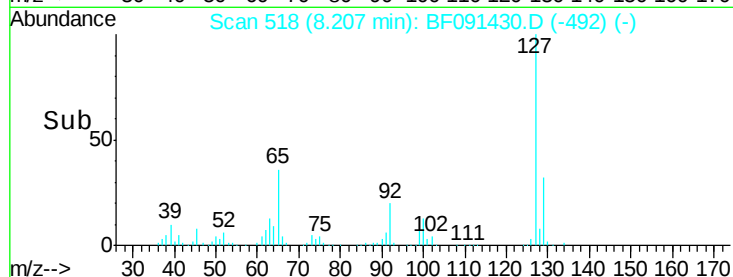
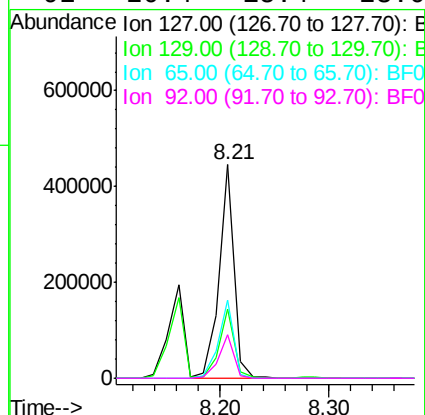
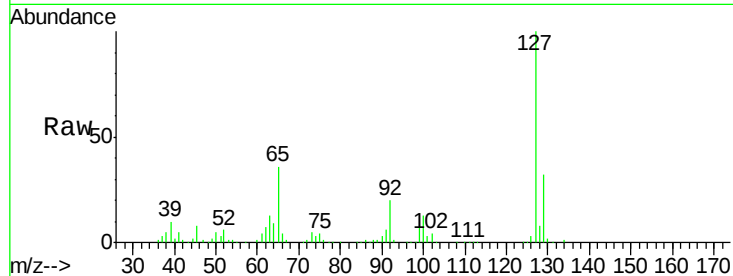
#33
4-Chloroaniline
Concen: 36.16 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	36.5	26.6	39.8
92	20.4	15.4	23.0

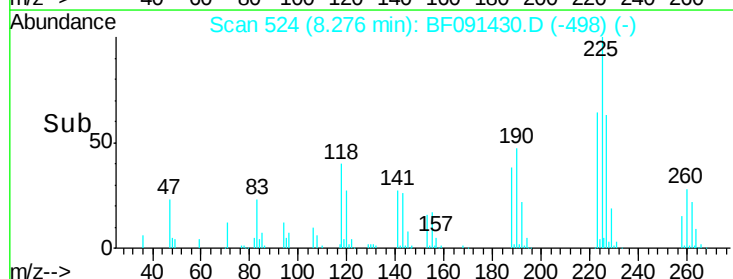
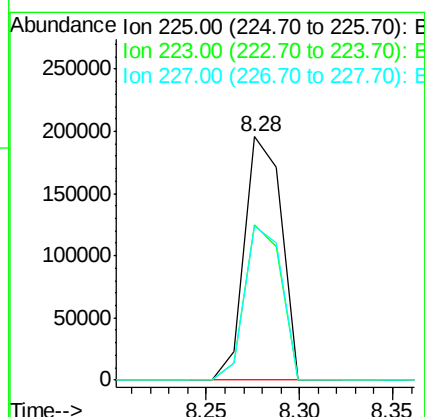
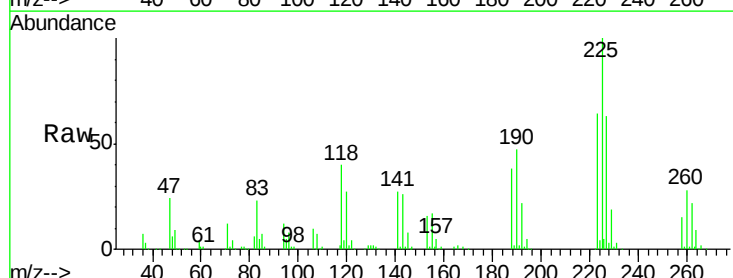
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#34
Hexachlorobutadiene
Concen: 48.14 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	63.2	52.6	79.0





#35

Caprolactam

Concen: 6.75 ng

RT: 8.58 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

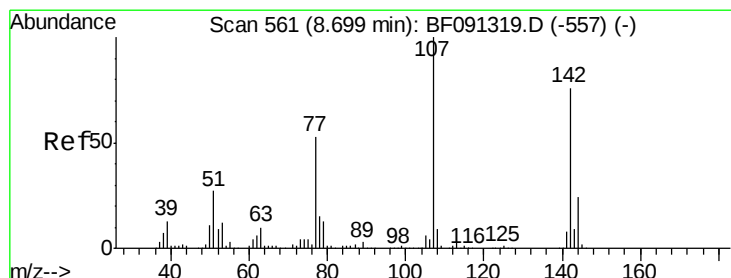
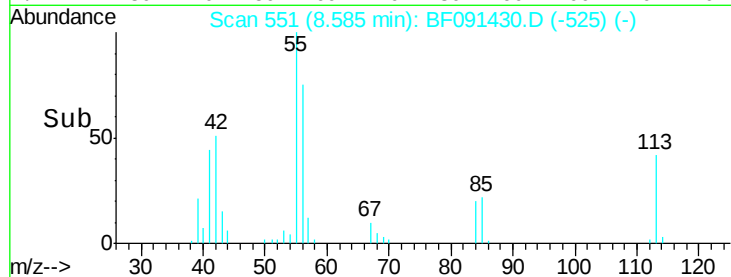
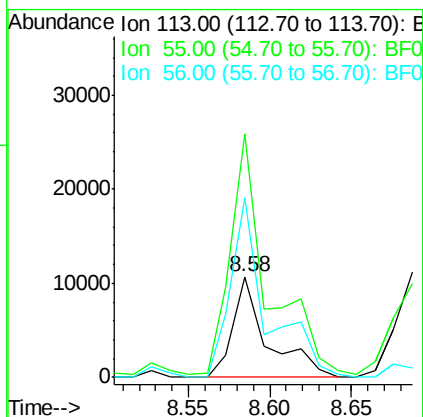
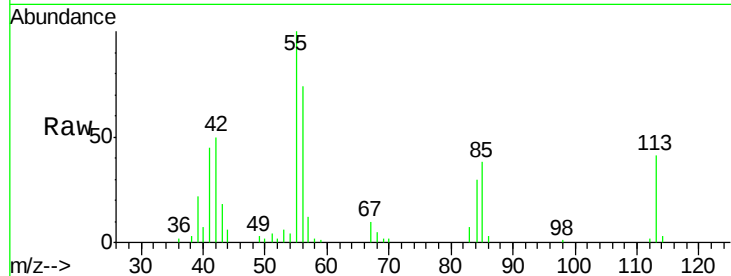
ClientSampleId :

MW-15MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	241.9	239.8	279.8
56	179.1	165.6	205.6

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#36

4-Chloro-3-methylphenol

Concen: 46.91 ng

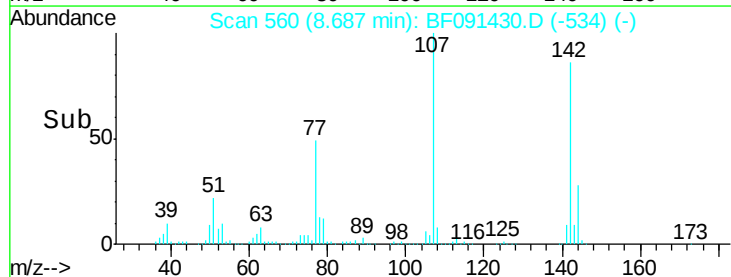
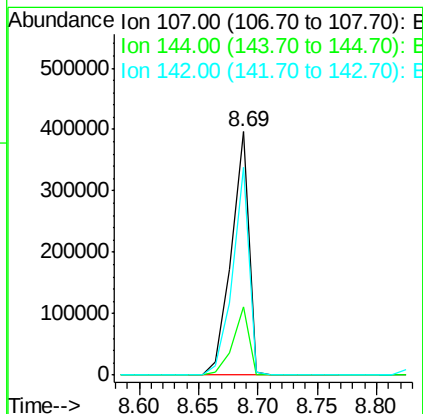
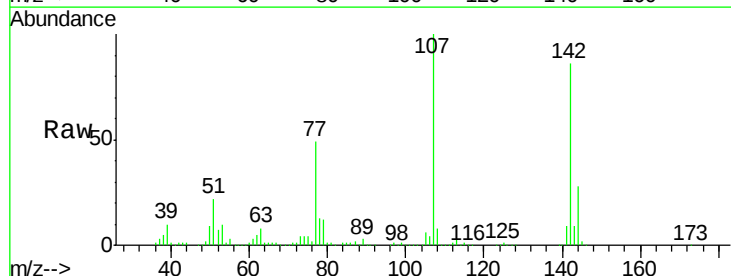
RT: 8.69 min Scan# 560

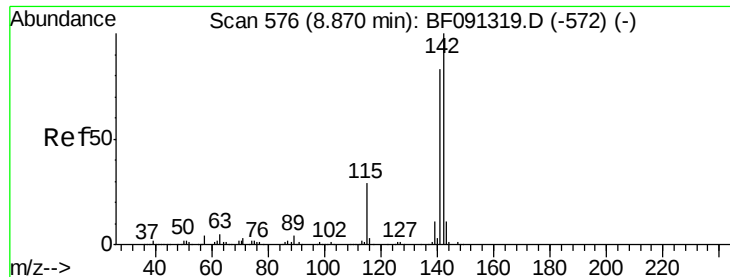
Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	18.9	28.3
142	85.5	58.5	87.7





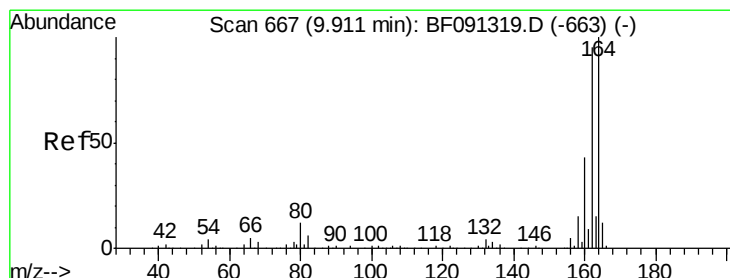
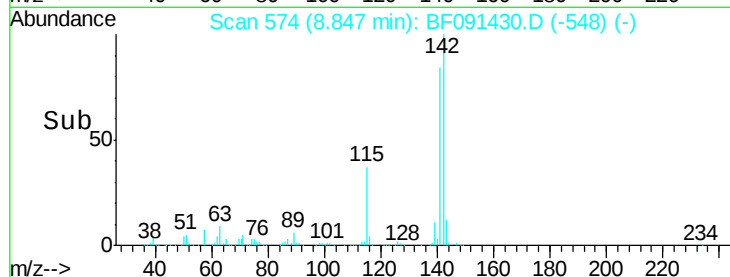
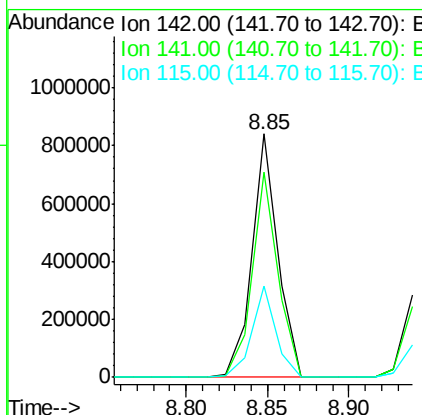
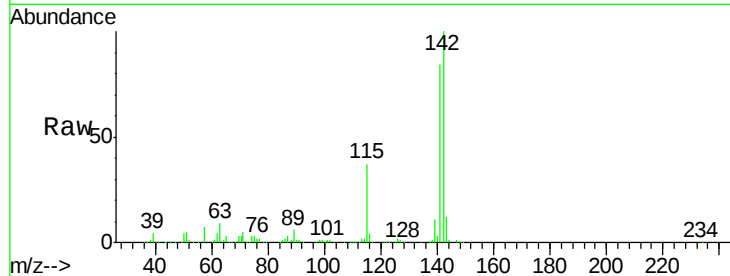
#37
2-Methylnaphthalene
Concen: 48.58 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampled :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.0	71.7	107.5
115	37.2	25.0	37.6

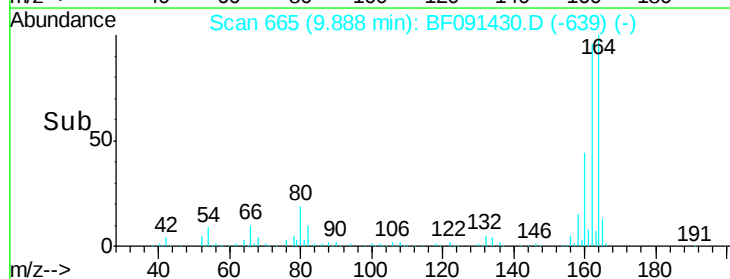
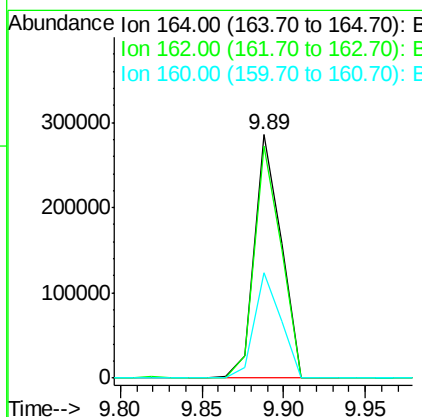
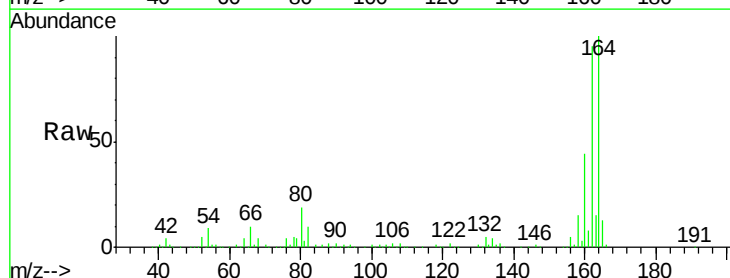
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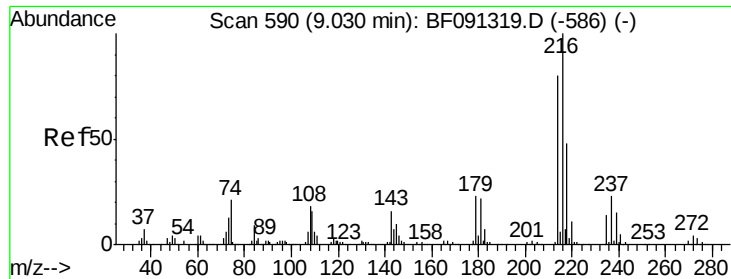
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.3	82.6	124.0
160	43.5	36.7	55.1





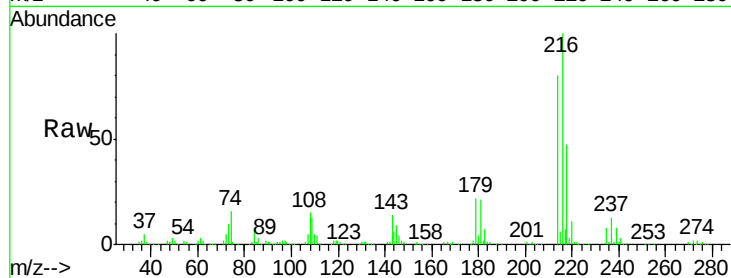
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.96 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

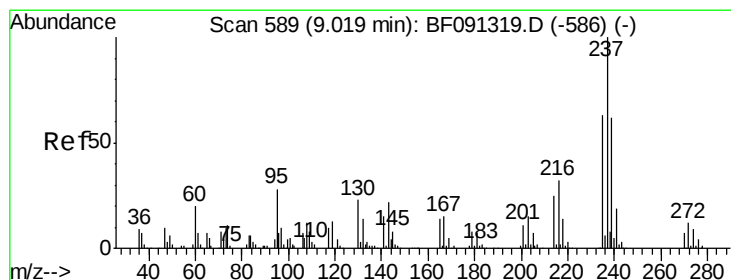
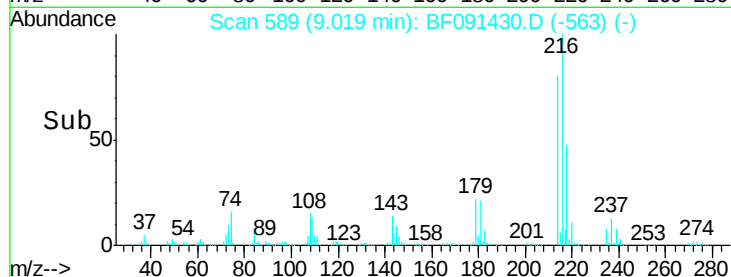
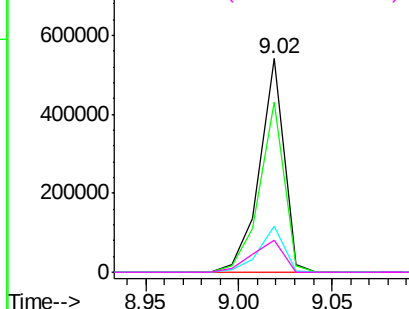
Tot Ion:	216	Resp:	491902
Ion Ratio		Lower	Upper
216	100		
214	80.0	63.8	95.8
179	21.7	18.2	27.2
108	19.5	17.2	25.8

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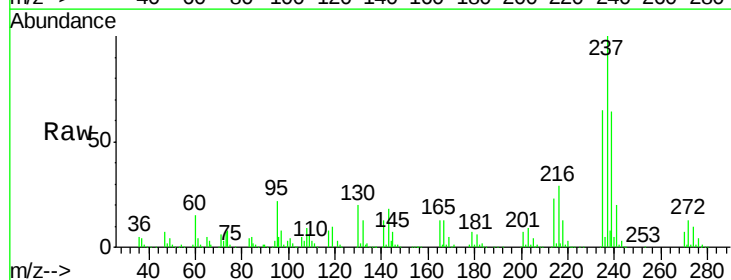


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

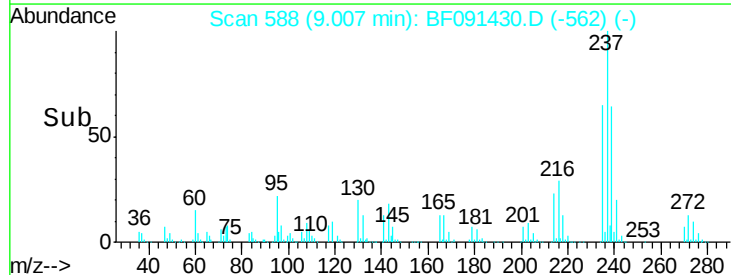
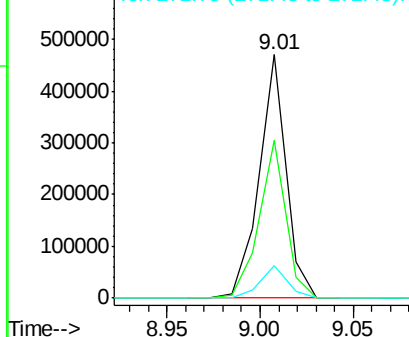


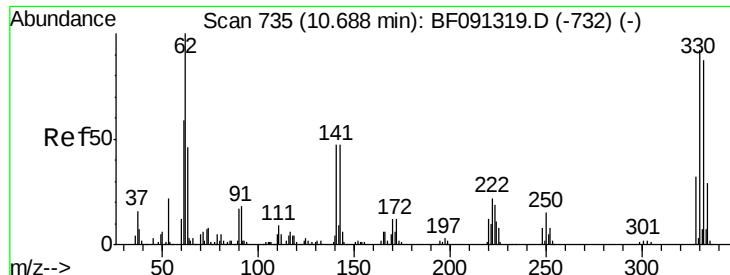
#40
 Hexachlorocyclopentadiene
 Concen: 111.04 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion:	237	Resp:	469164
Ion Ratio		Lower	Upper
237	100		
235	64.8	43.9	83.9
272	13.2	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





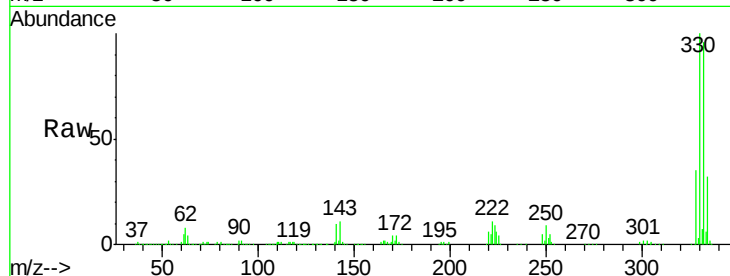
#41
 2,4,6-Tribromophenol
 Concen: 172.33 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

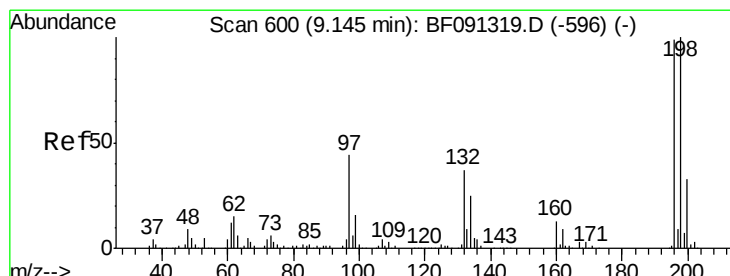
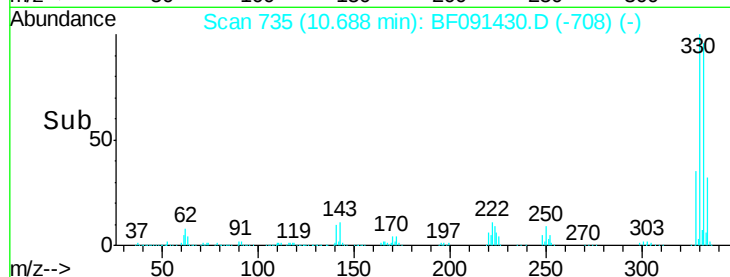
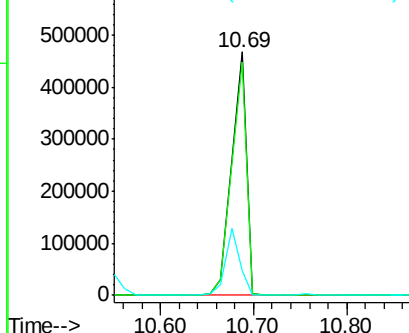
Tot Ion	Ratio	Resp	Lower	Upper
330	100	527531		
332	96.3	76.2	114.4	
141	26.0	33.6	50.4	

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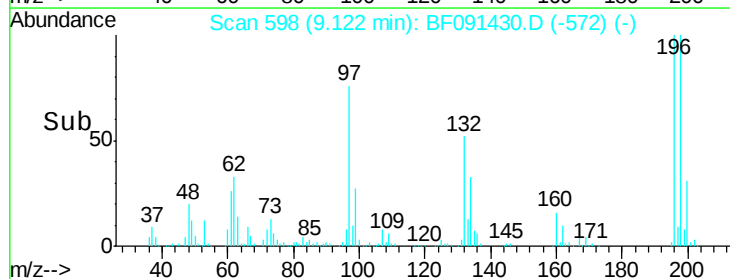
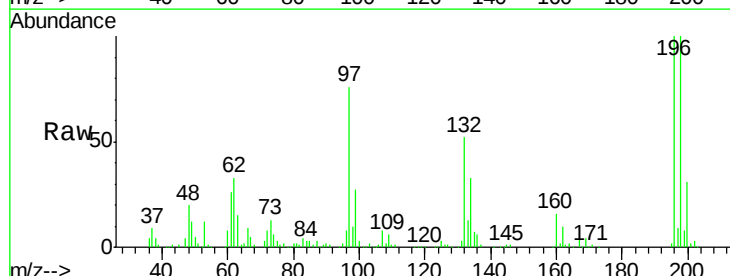
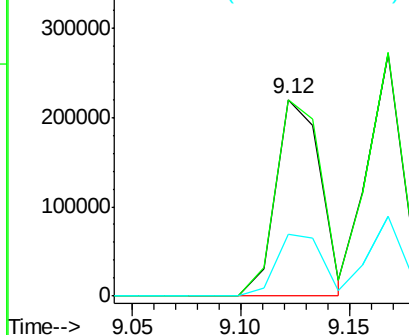
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

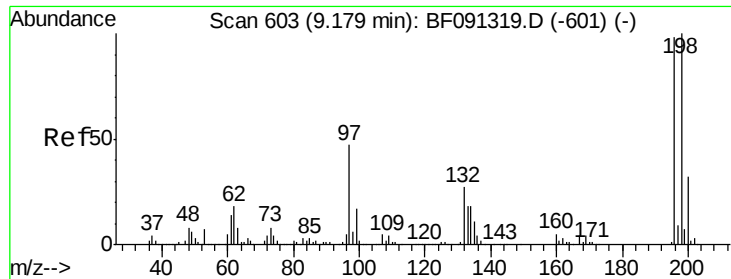


#42
 2,4,6-Trichlorophenol
 Concen: 53.37 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316153		
198	99.6	77.4	116.0	
200	31.5	25.2	37.8	

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





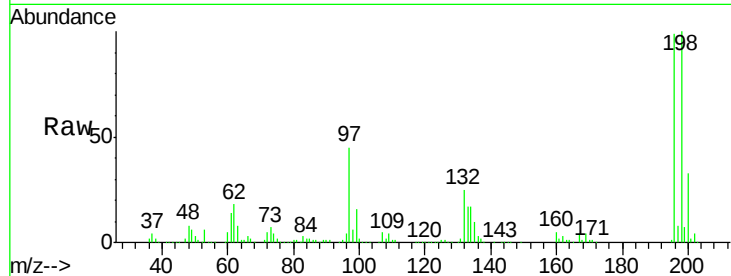
#43
2,4,5-Trichlorophenol
Concen: 52.37 ng
RT: 9.17 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	310895		
198	100.7	77.0	115.6	
97	44.9	33.5	50.3	
132	25.6	20.5	30.7	

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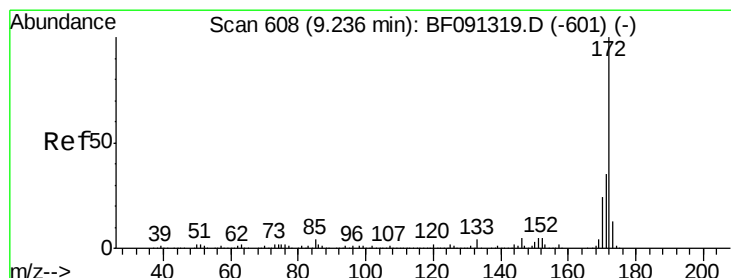
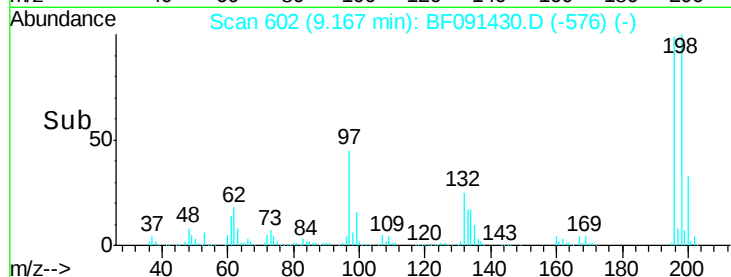
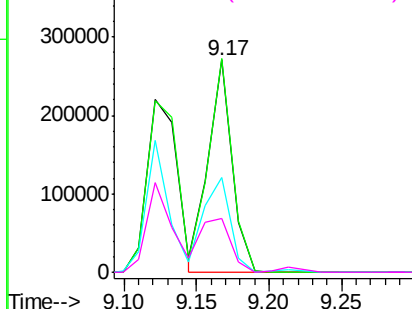
Abundance

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: 105.28 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

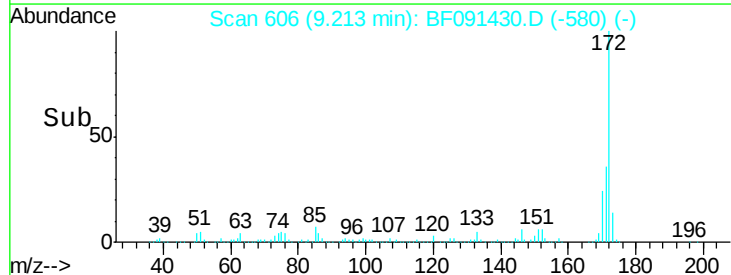
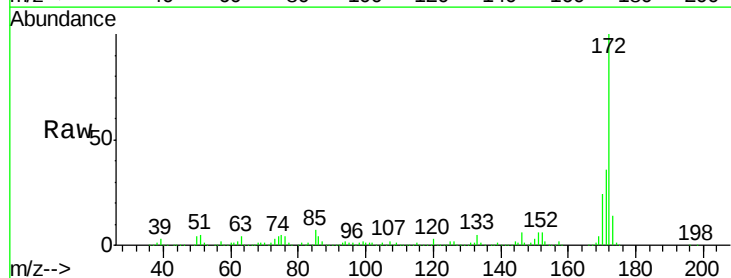
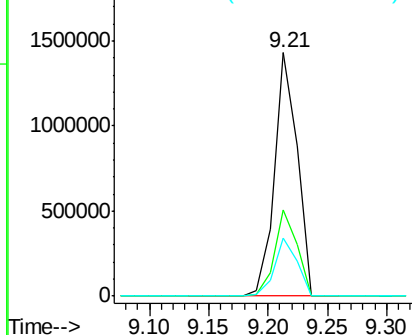
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1880171		
171	35.6	29.4	44.0	
170	24.0	19.7	29.5	

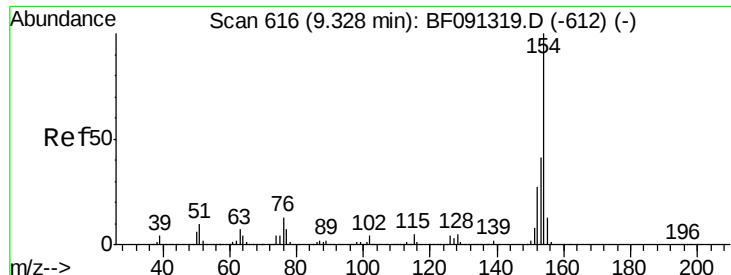
Abundance

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: 49.93 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

MW-15MSD

Tot Ion:154 Resp: 1160973

Ion Ratio Lower Upper

154 100

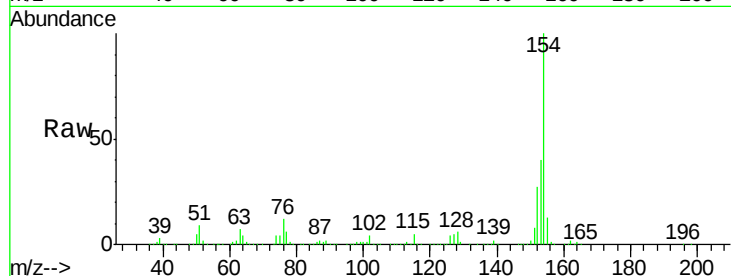
153 40.3 20.6 60.6

76 12.0 0.0 36.6

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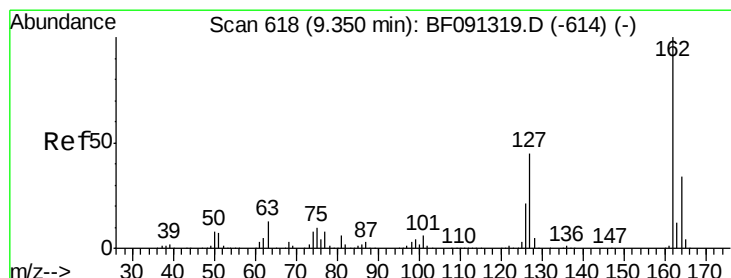
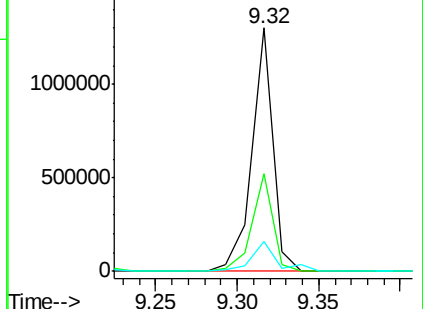
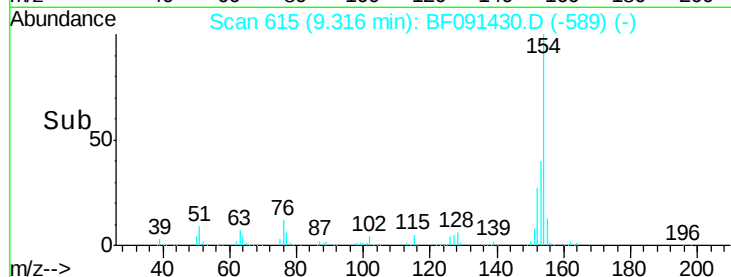
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.14 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

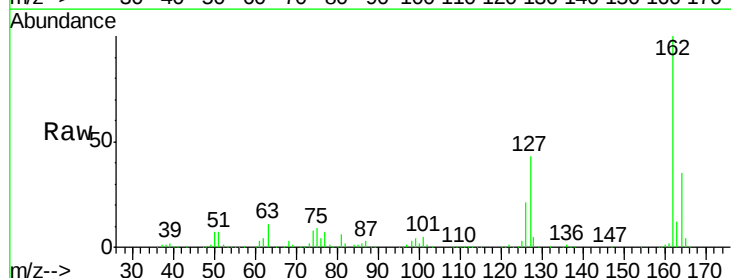
Tgt Ion:162 Resp: 868139

Ion Ratio Lower Upper

162 100

127 42.8 34.3 51.5

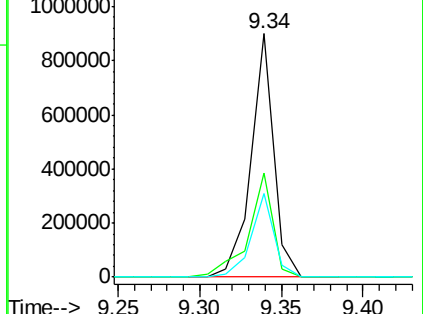
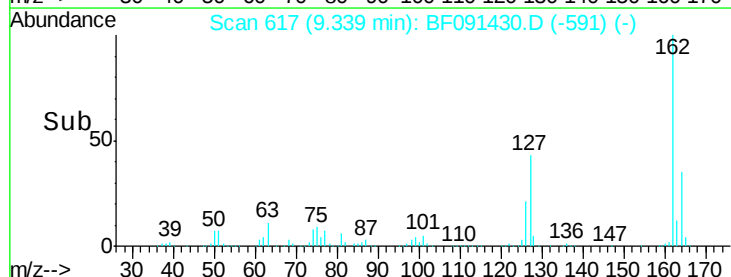
164 34.5 26.6 40.0

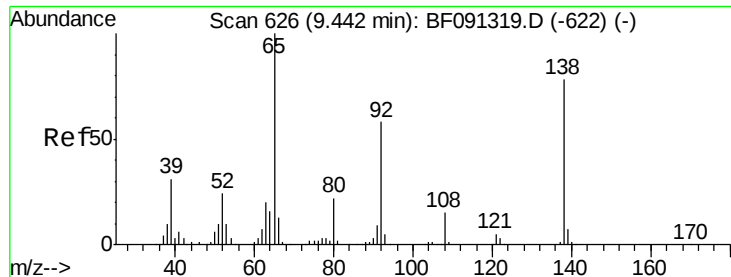


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





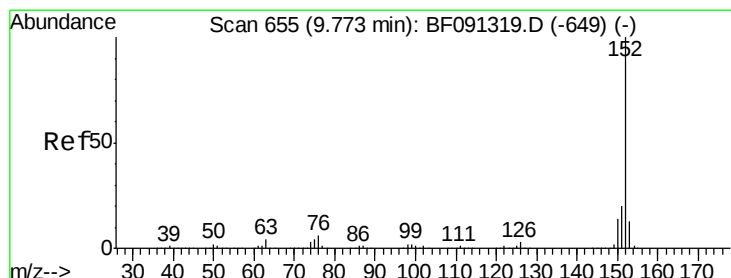
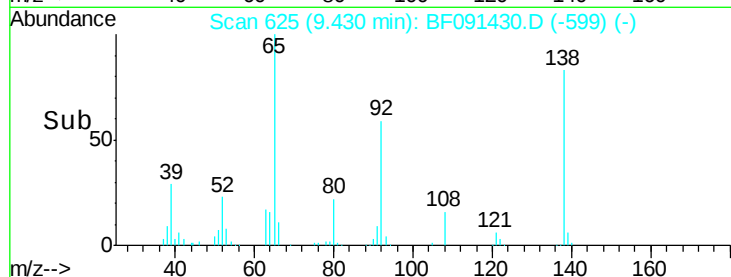
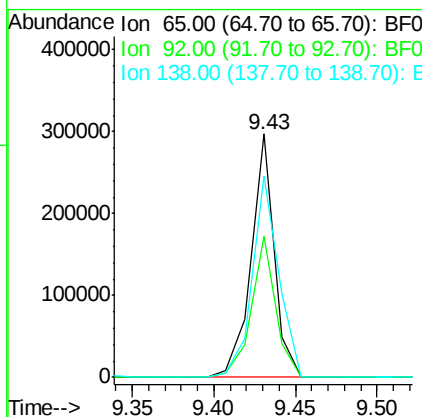
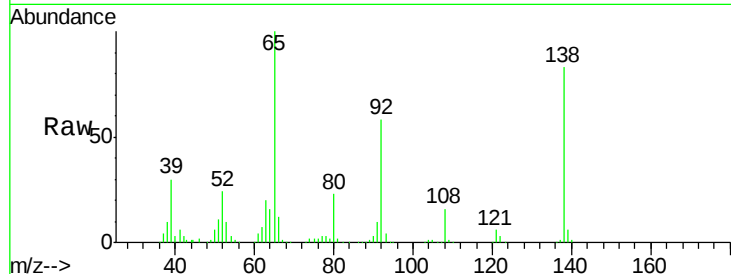
#47
2-Nitroaniline
Concen: 46.97 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	292105		
92	58.3	53.6	80.4	
138	82.9	91.0	136.6	

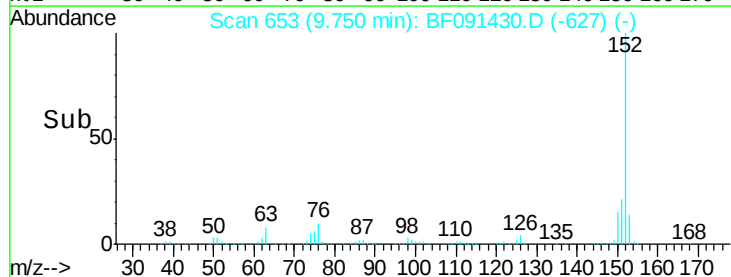
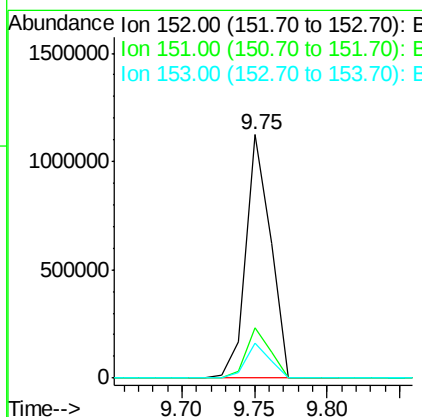
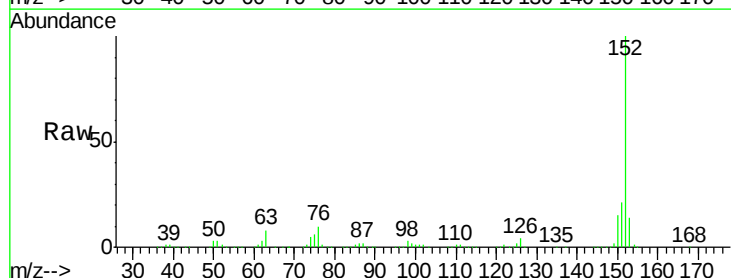
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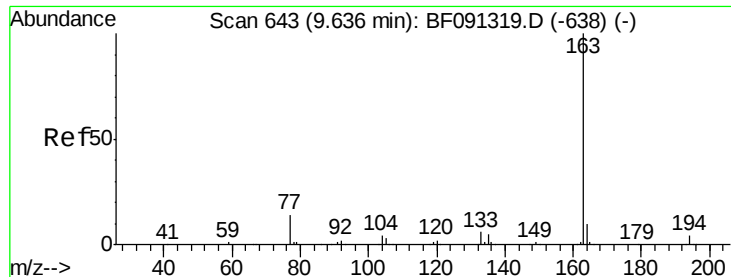
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#48
Acenaphthylene
Concen: 48.51 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1322208		
151	20.7	16.6	24.8	
153	14.4	10.7	16.1	





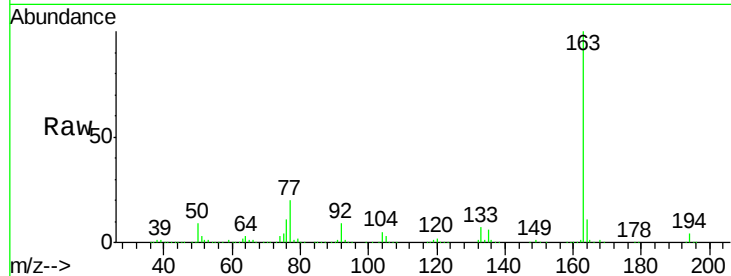
#49
Dimethylphthalate
Concen: 57.74 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.7	7.8	11.8

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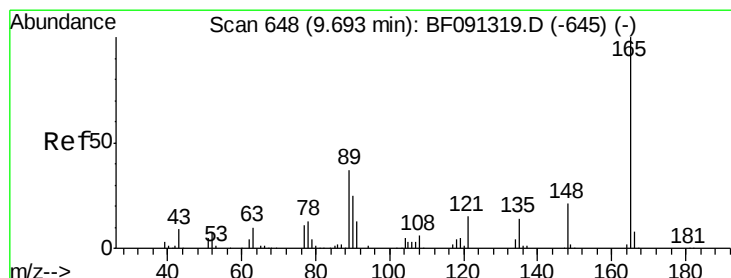
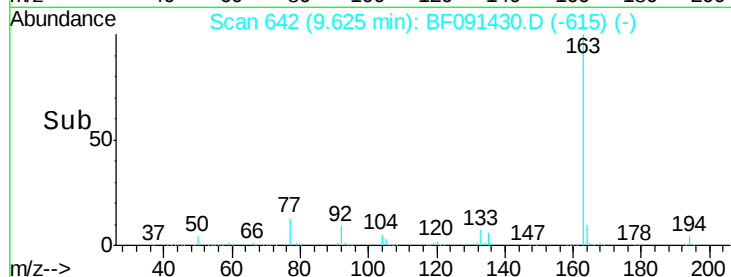
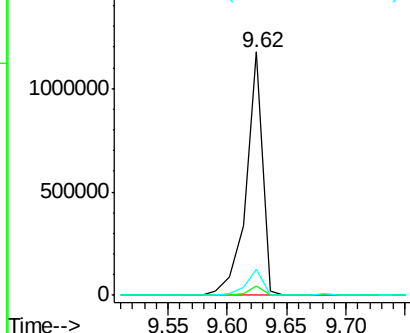


Abundance

Ion 163.00 (162.70 to 163.70): E

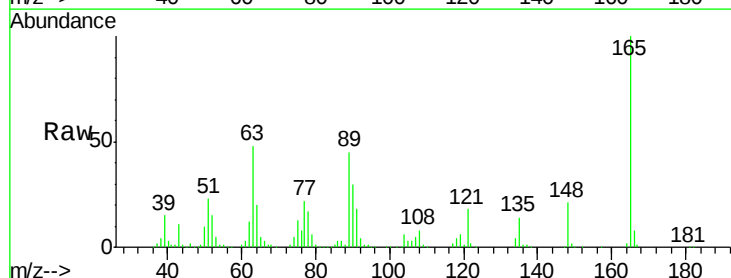
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 63.70 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.6	59.4	89.0#
89	44.6	50.8	76.2#

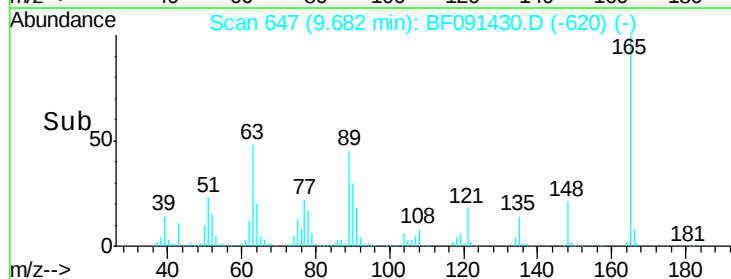
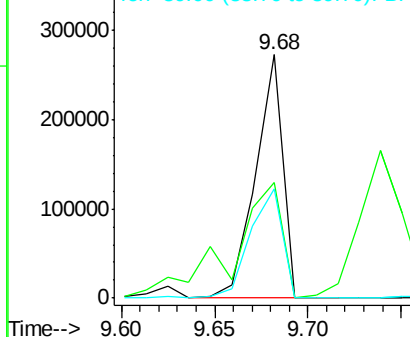


Abundance

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: 55.14 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

MW-15MSD

Tot Ion:154 Resp: 1013702

Ion Ratio Lower Upper

154 100

153 112.1 91.0 136.6

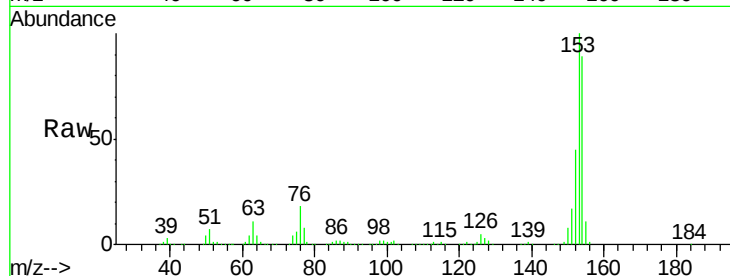
152 51.0 44.2 66.2

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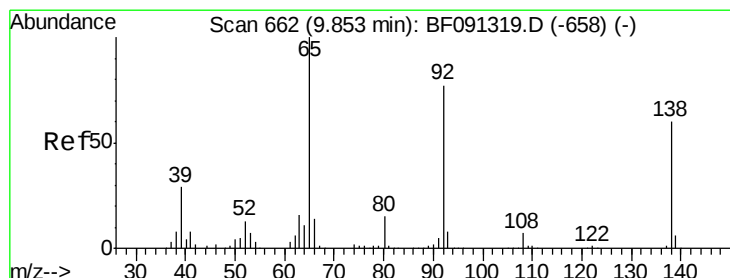
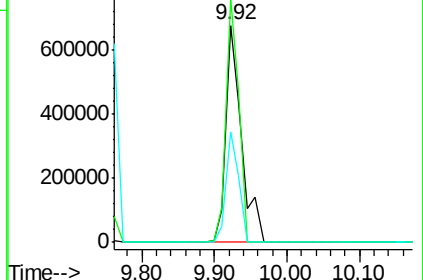
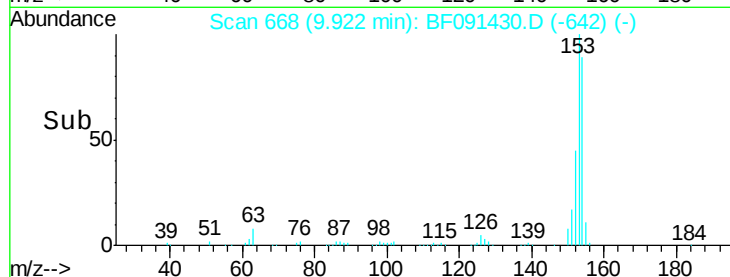
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.25 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

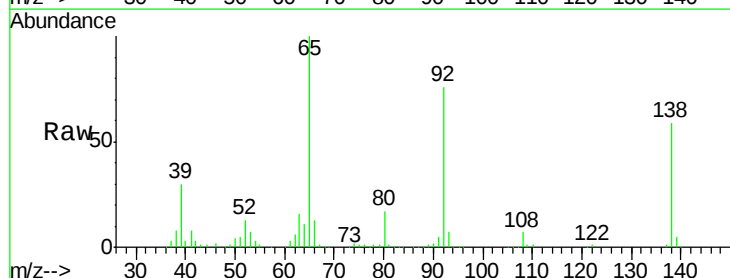
Tgt Ion:138 Resp: 163322

Ion Ratio Lower Upper

138 100

108 11.3 8.1 12.1

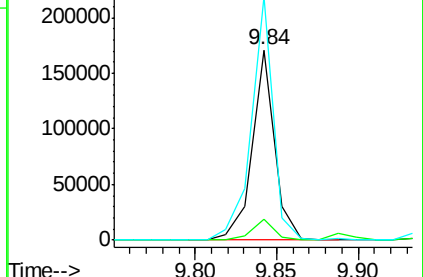
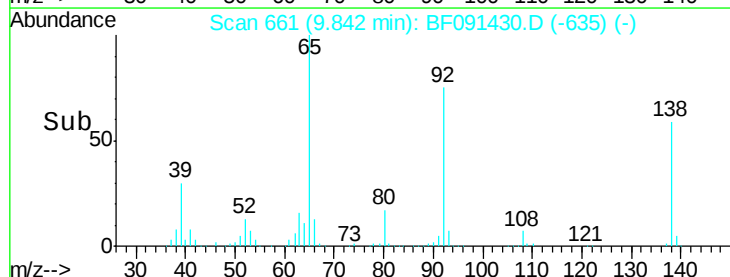
92 128.0 92.5 138.7

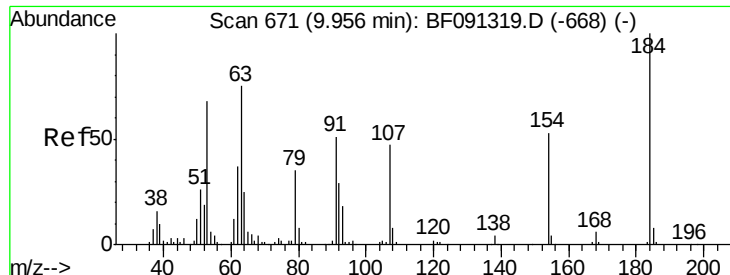


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





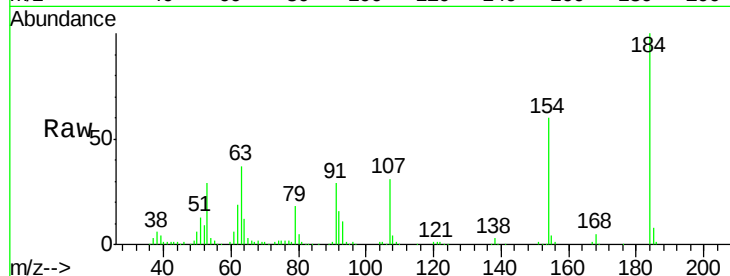
#53
 2,4-Dinitrophenol
 Concen: 144.76 ng
 RT: 9.96 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

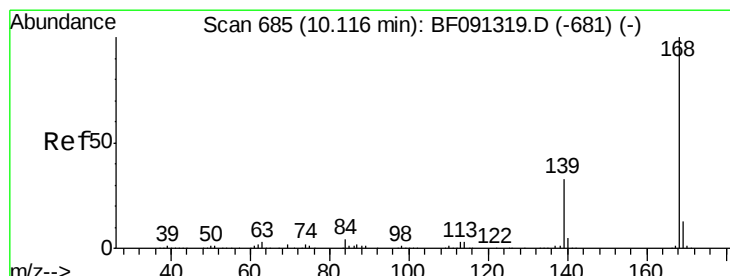
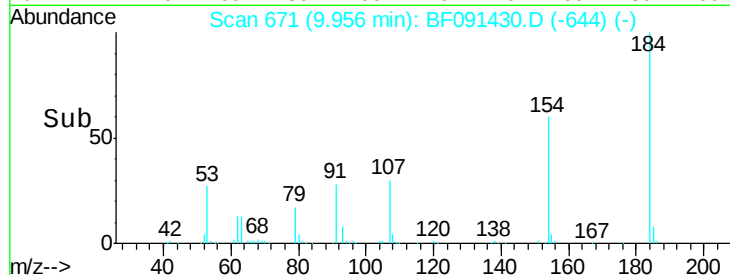
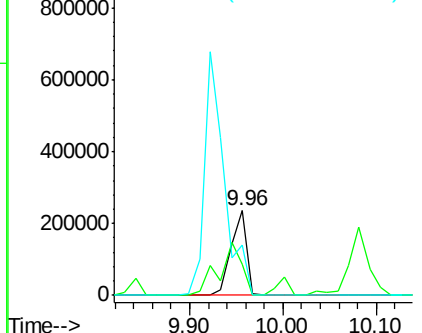
Tot Ion	Ratio	Resp	Lower	Upper
184	100	277016		
63	37.4	58.3	87.5#	
154	60.1	48.6	73.0	

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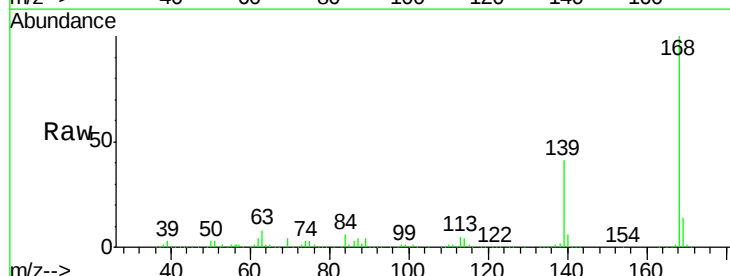


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

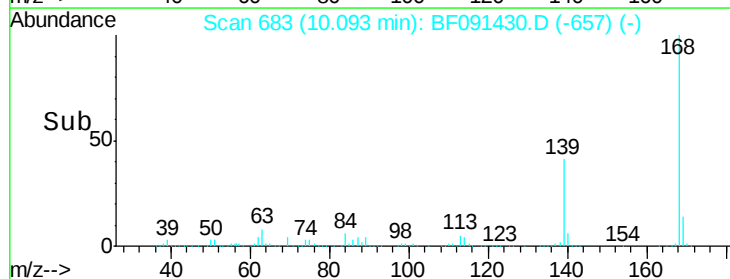
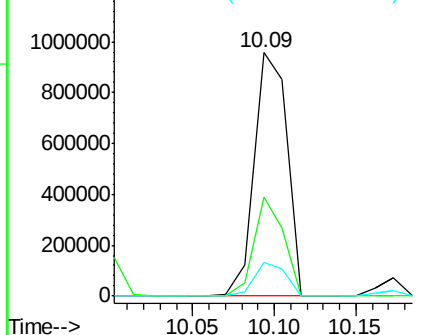


#54
 Dibenzofuran
 Concen: 54.10 ng
 RT: 10.09 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1331772		
139	40.5	33.4	50.2	
169	13.8	11.1	16.7	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 38.12 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

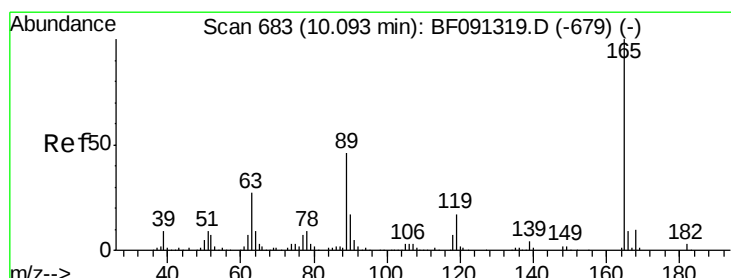
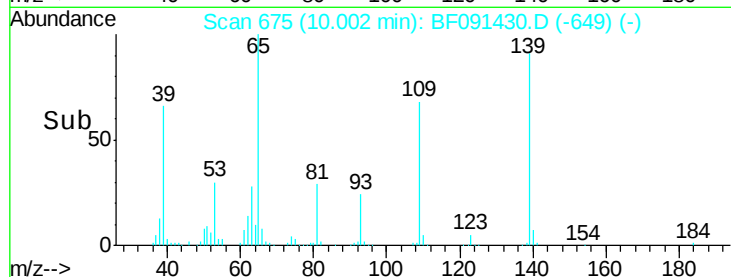
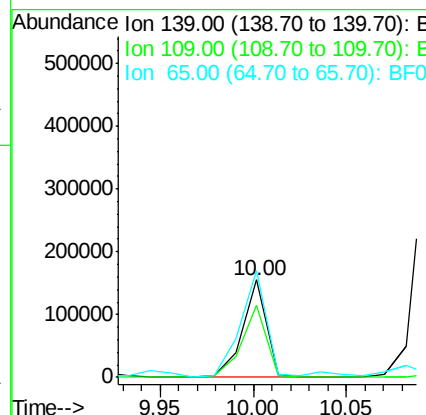
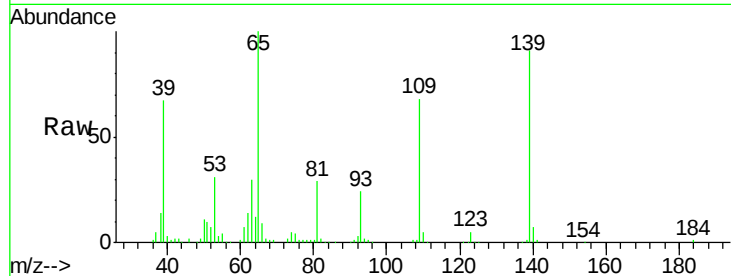
ClientSampled :

MW-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	139465		
109	74.8	54.9	94.9	
65	109.8	102.2	142.2	

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#56

2,4-Dinitrotoluene

Concen: 63.97 ng

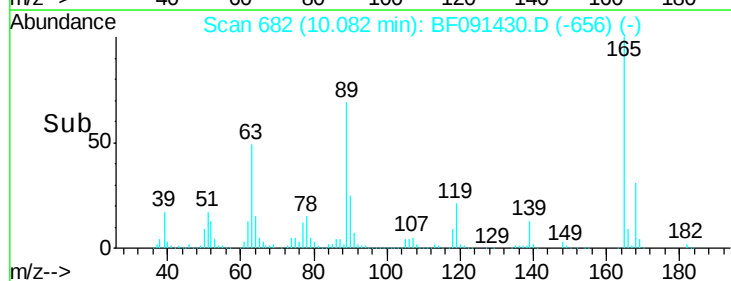
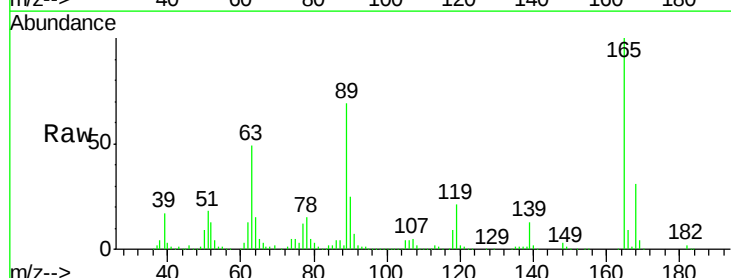
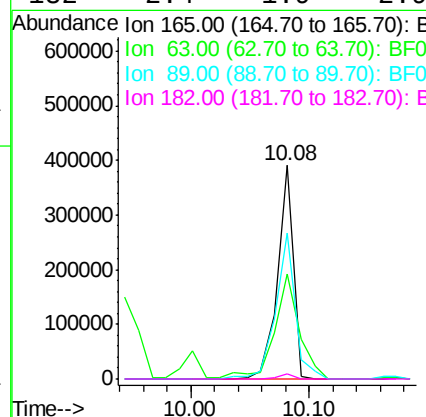
RT: 10.08 min Scan# 682

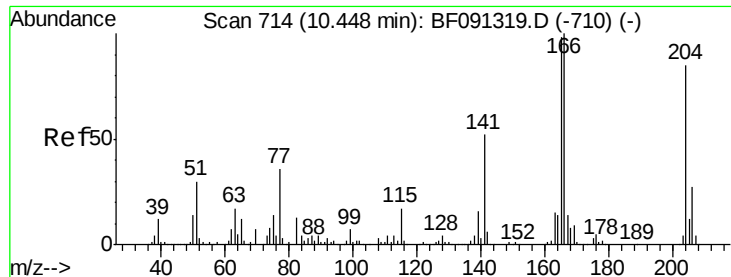
Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	363141		
63	48.9	29.0	43.4#	
89	68.6	43.1	64.7#	
182	2.4	1.9	2.9	





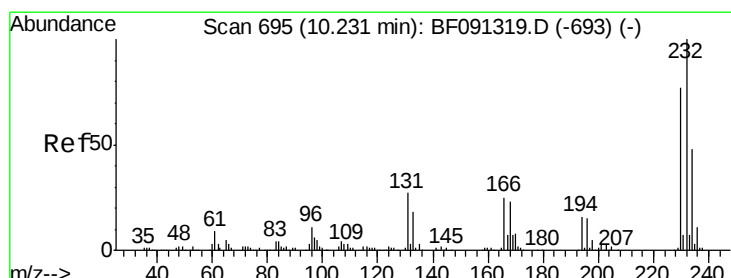
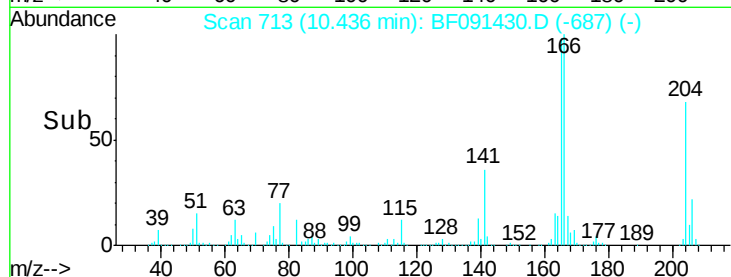
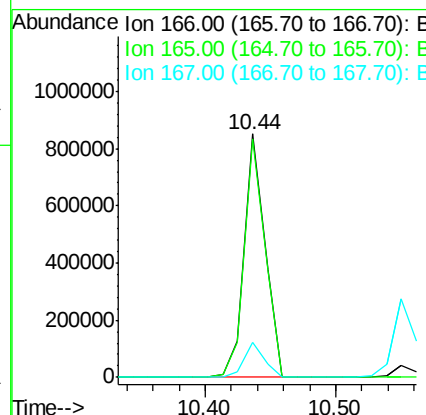
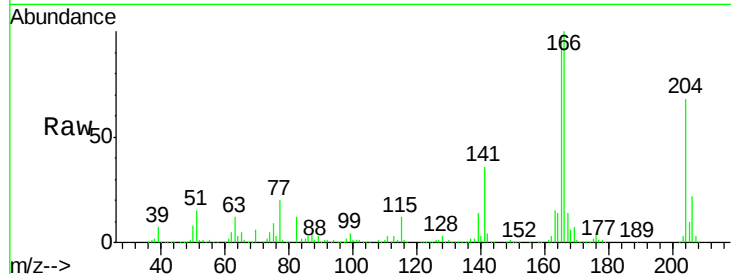
#57
Fluorene
 Concen: 49.65 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampled :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.0	120.0
167	14.1	10.8	16.2

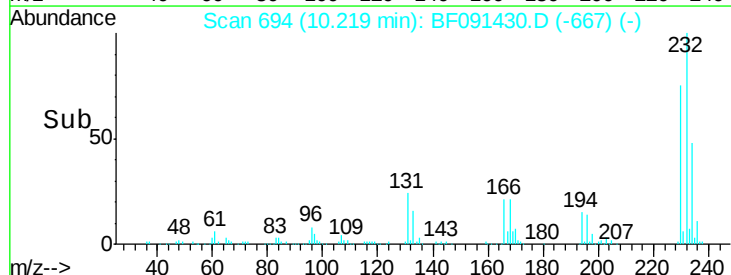
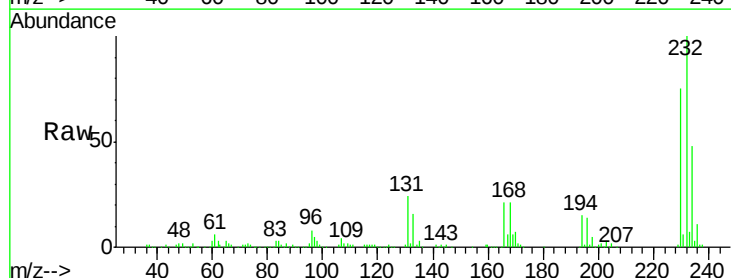
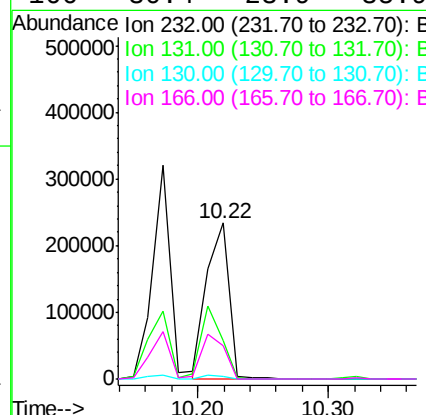
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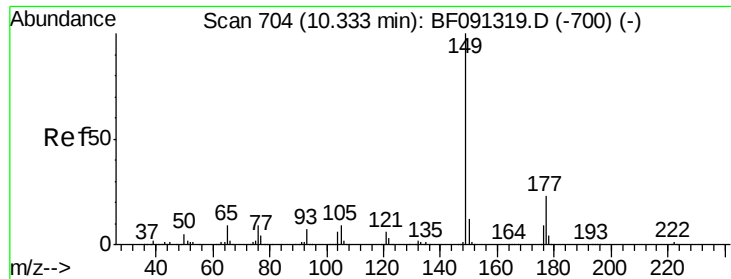
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.12 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.5	38.4	57.6
130	2.3	1.8	2.8
166	30.4	23.9	35.9





#59

Diethylphthalate

Concen: 58.48 ng

RT: 10.32 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

MW-15MSD

Tot Ion:149 Resp: 1130287

Ion Ratio Lower Upper

149 100

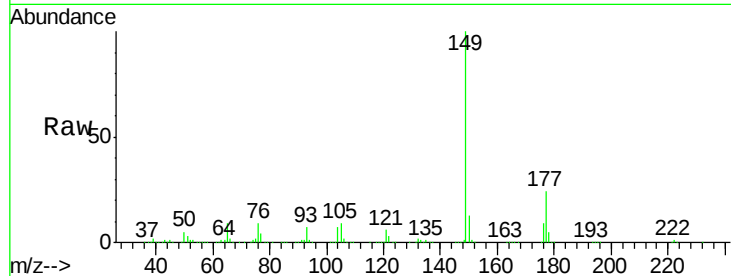
177 23.7 15.7 23.5#

150 12.6 10.2 15.2

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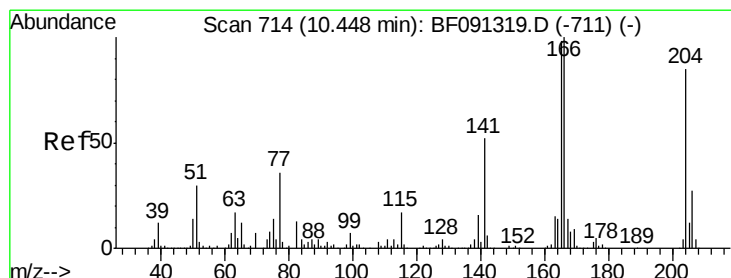
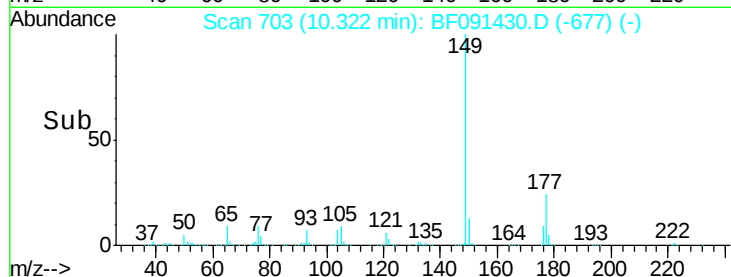
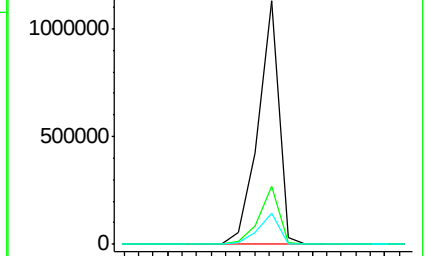
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 56.66 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

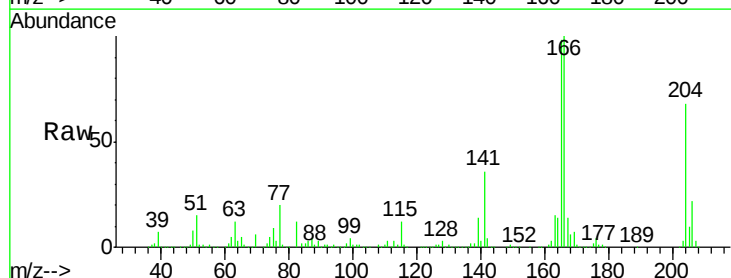
Tgt Ion:204 Resp: 537041

Ion Ratio Lower Upper

204 100

206 32.4 26.1 39.1

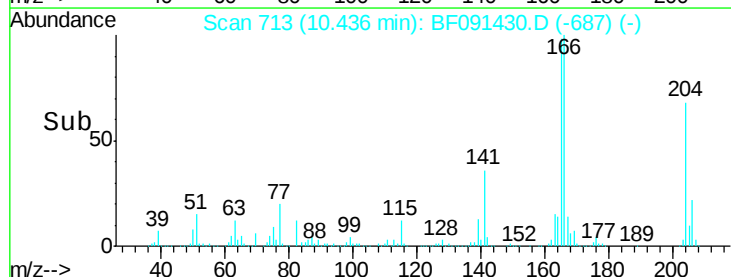
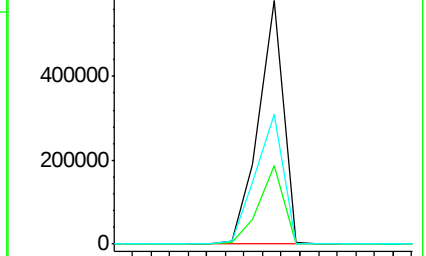
141 53.0 40.6 61.0

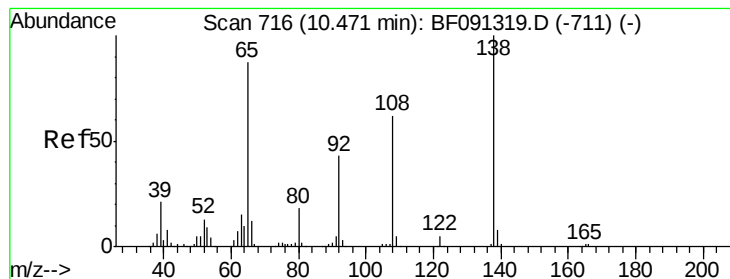


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





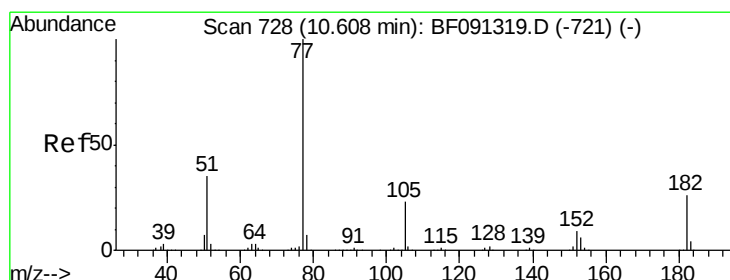
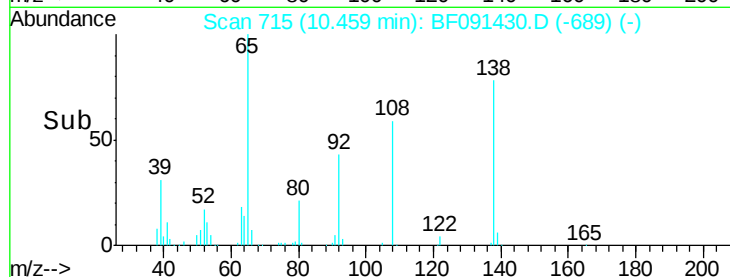
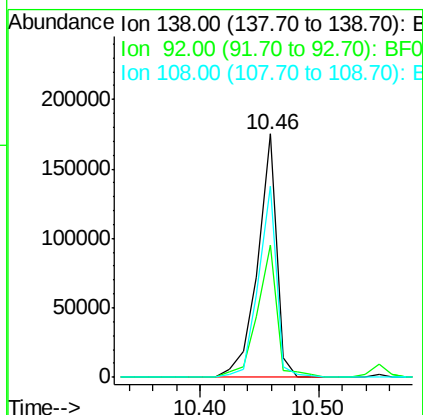
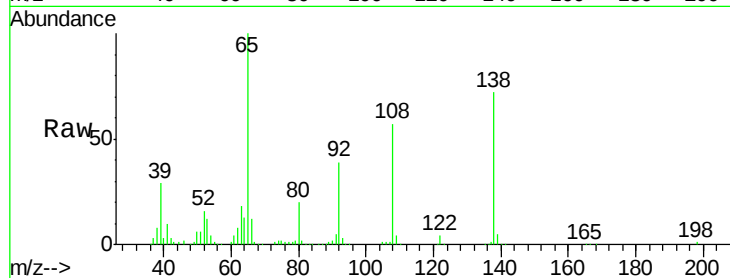
#61
4-Nitroaniline
Concen: 41.48 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.5	26.9	66.9
108	78.7	49.1	89.1

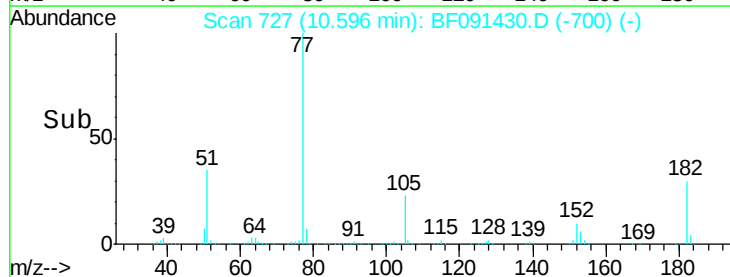
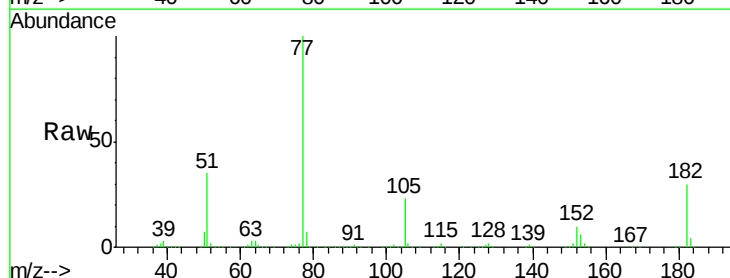
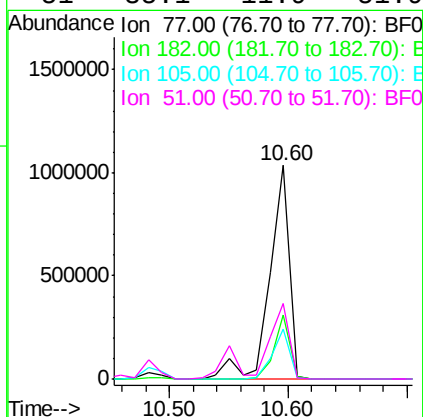
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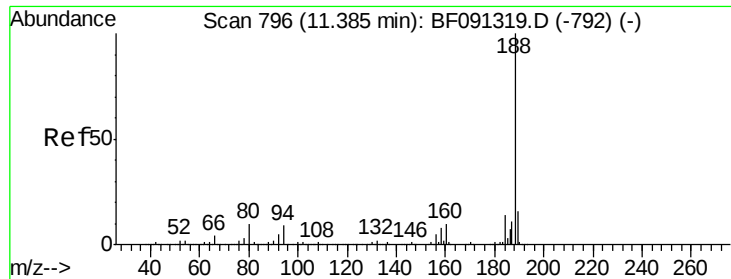
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#62
Azobenzene
Concen: 60.64 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	12.5	52.5
105	23.2	3.7	43.7
51	35.1	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

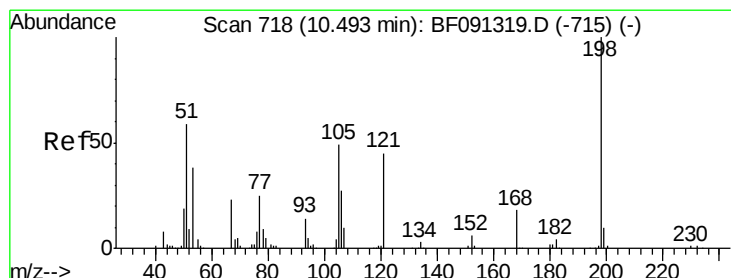
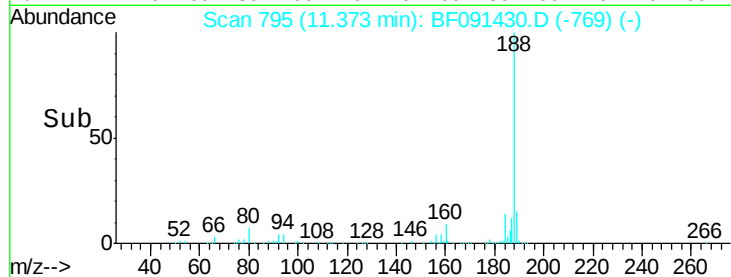
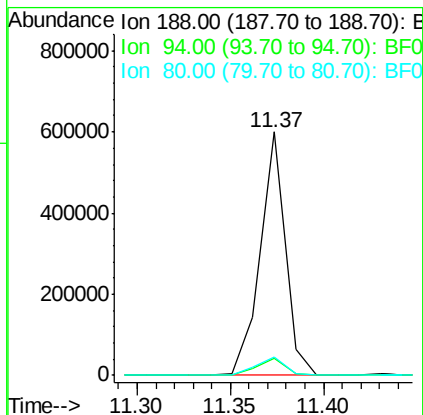
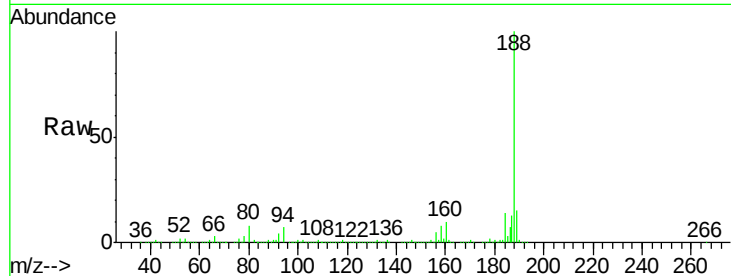
ClientSampleId :

MW-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	557379		
94	6.9	9.2	13.8#	
80	7.6	10.5	15.7#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 59.92 ng

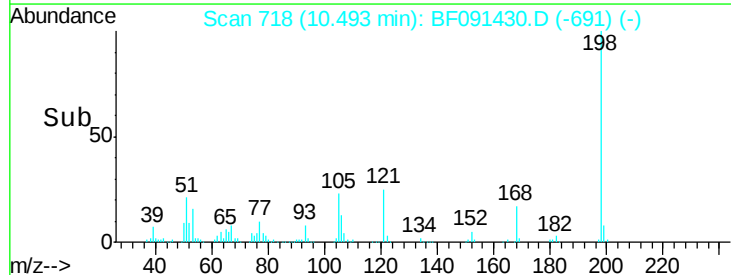
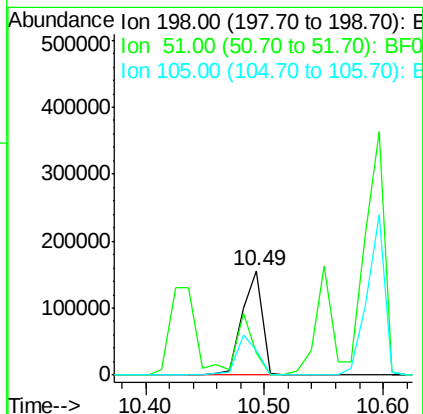
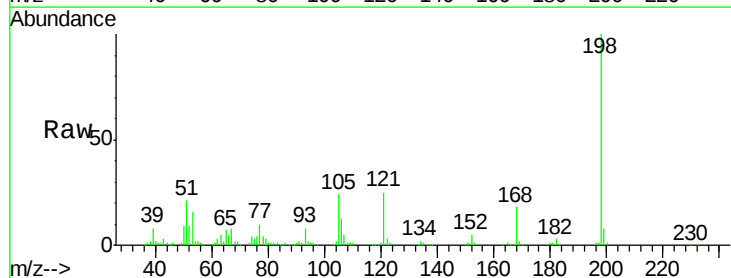
RT: 10.49 min Scan# 718

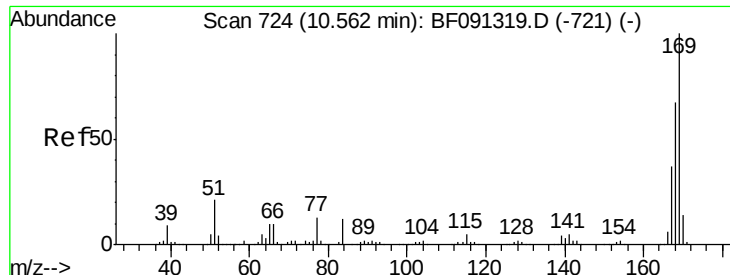
Delta R.T. 0.01 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	184008		
51	20.9	77.1	117.1#	
105	23.5	44.8	84.8#	





#65

n-Nitrosodiphenylamine

Concen: 50.25 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

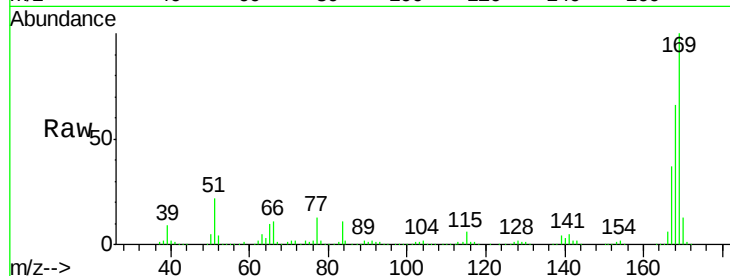
ClientSampleId :

MW-15MSD

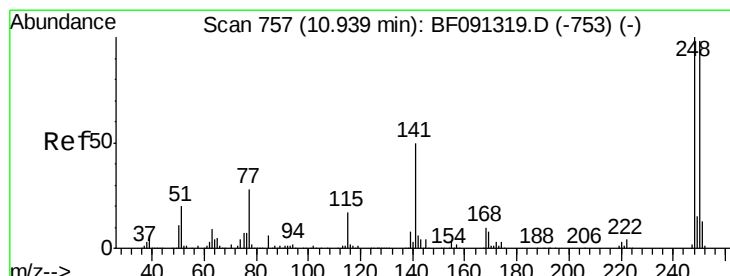
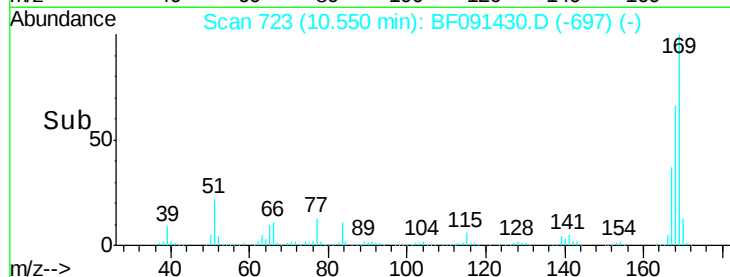
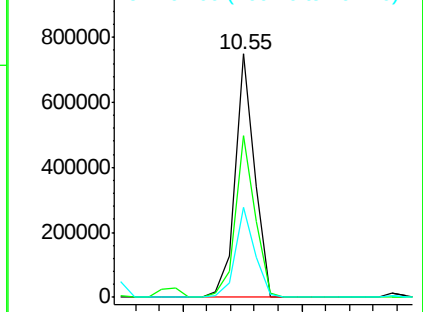
Tot Ion:	169	Resp:	849218
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.8	80.8
167	36.7	29.8	44.8

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



#66

4-Bromophenyl-phenylether

Concen: 55.70 ng

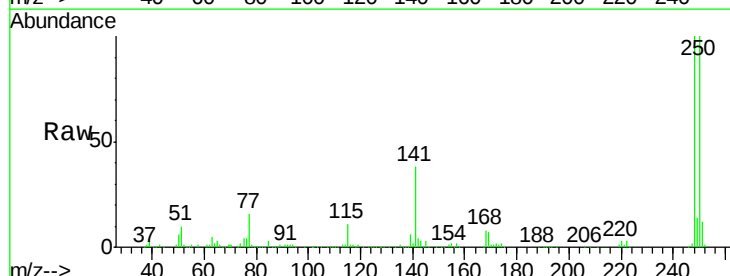
RT: 10.93 min Scan# 756

Delta R.T. 0.01 min

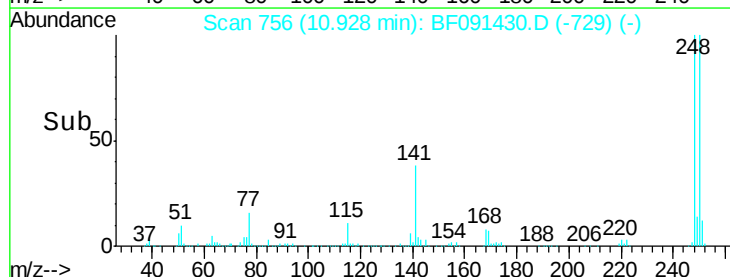
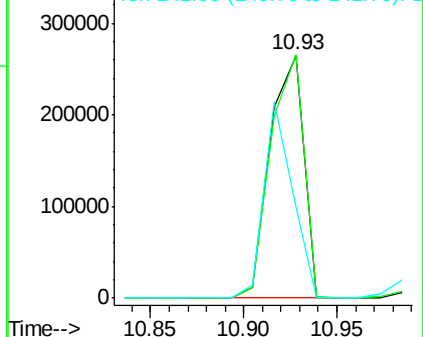
Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion:	248	Resp:	333683
Ion Ratio	Lower	Upper	
248	100		
250	100.4	78.2	117.4
141	37.8	71.9	107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





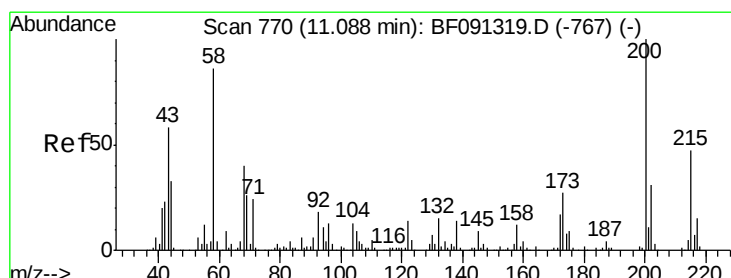
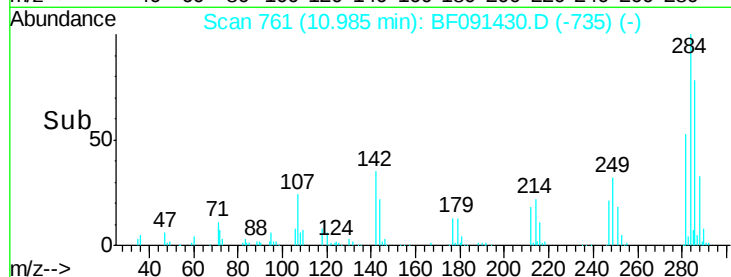
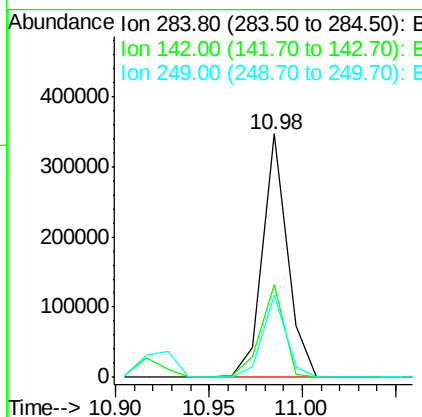
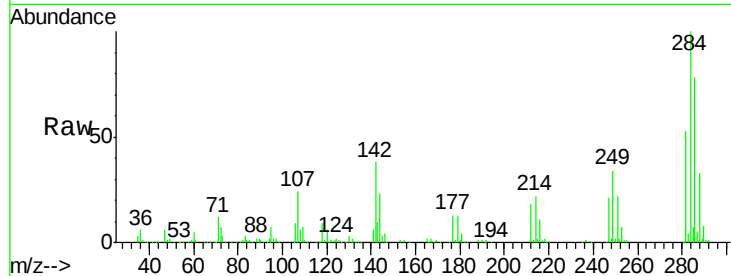
#67
Hexachlorobenzene
Concen: 49.39 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	319729		
142	37.9	17.9	26.9	#
249	33.9	23.6	35.4	

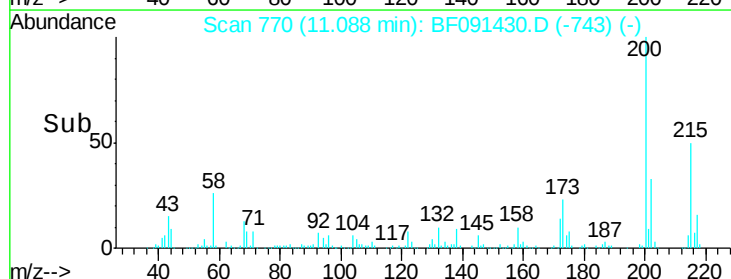
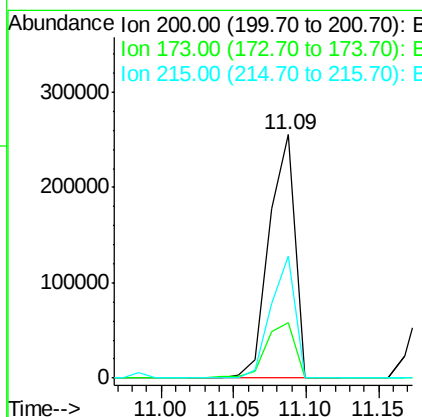
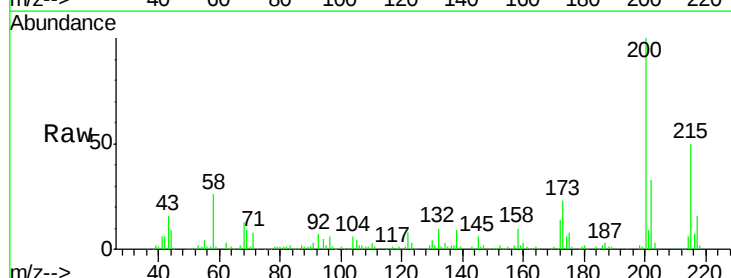
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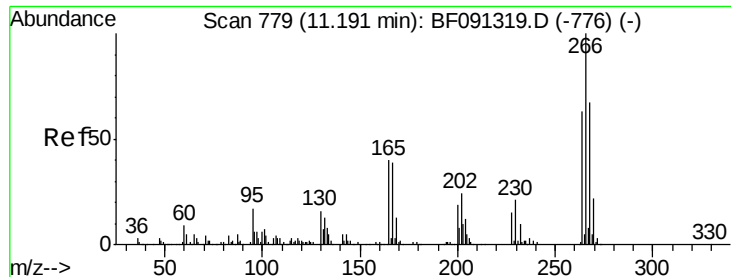
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#68
Atrazine
Concen: 57.25 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	313328		
173	23.0	7.8	47.8	
215	50.0	24.3	64.3	





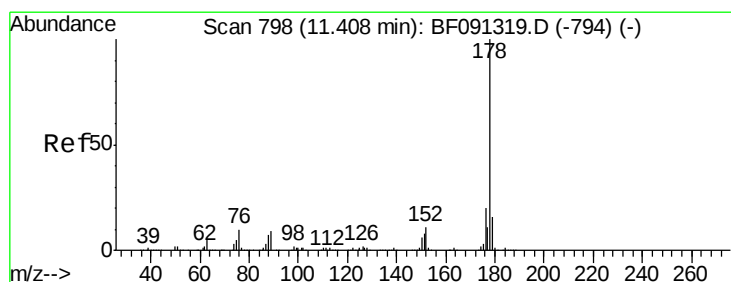
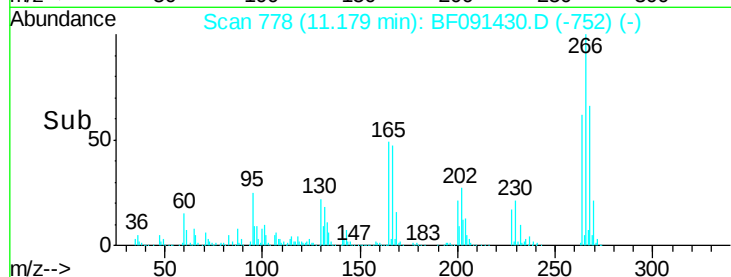
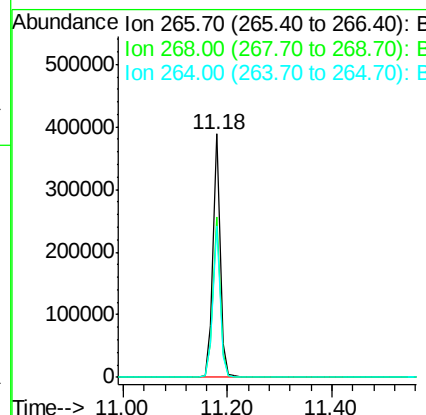
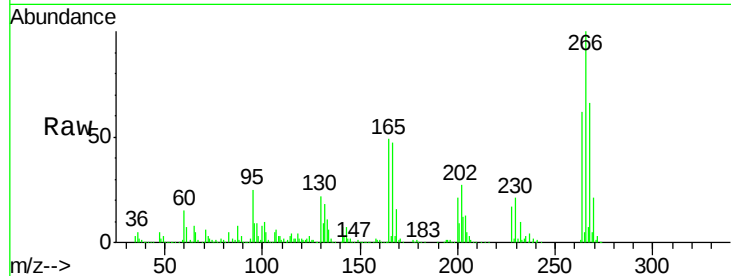
#69
 Pentachlorophenol
 Concen: 97.90 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	50.3	75.5
264	62.1	48.2	72.2

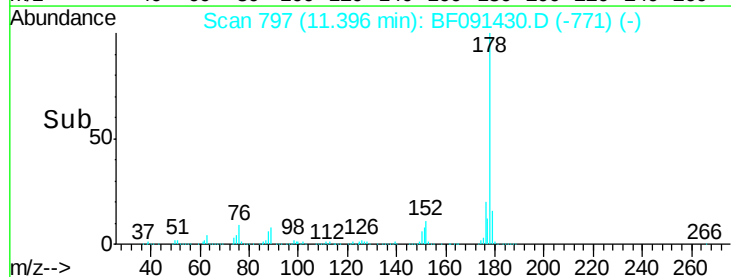
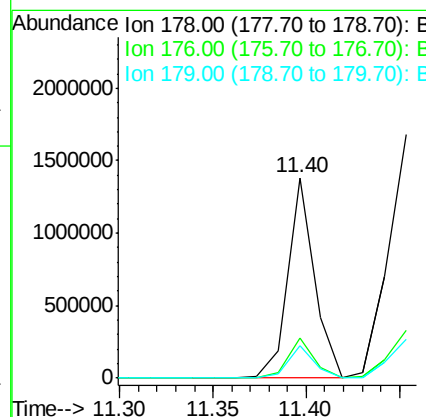
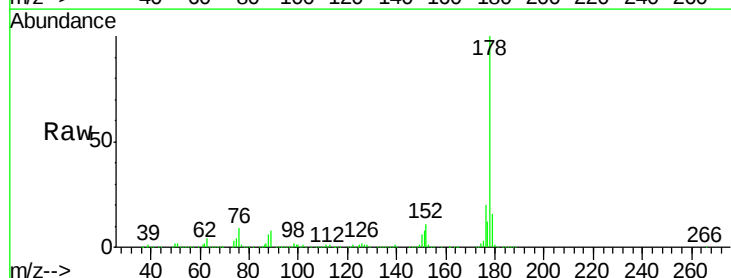
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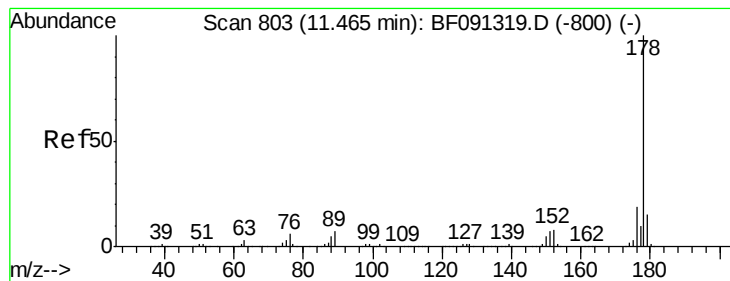
sohil
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#70
 Phenanthrene
 Concen: 47.38 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.2	12.6	18.8





#71

Anthracene

Concen: 58.15 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

MW-15MSD

Tot Ion:178 Resp: 1671467

Ion Ratio Lower Upper

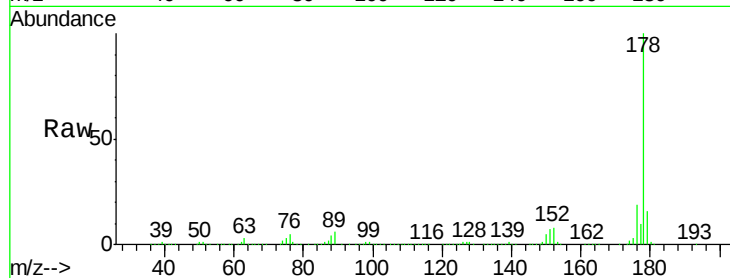
178 100

176 19.4 15.8 23.6

179 15.7 12.7 19.1

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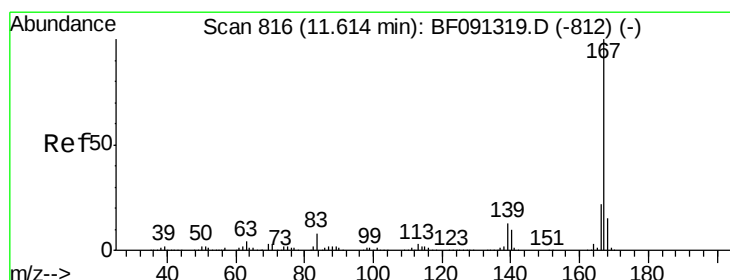
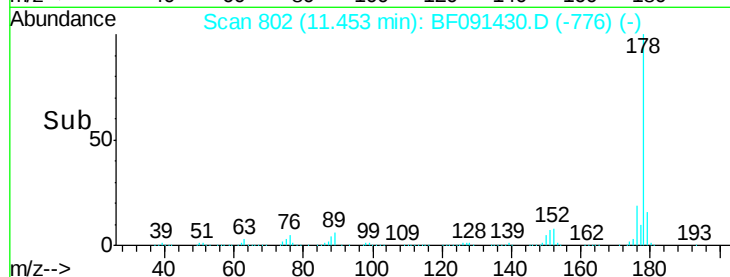
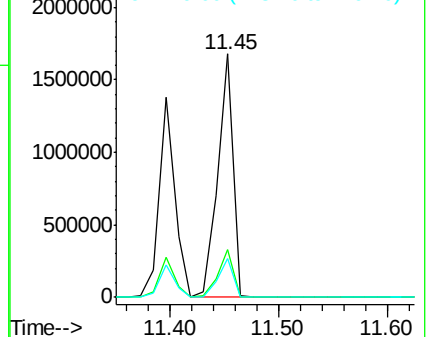
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.97 ng

RT: 11.60 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

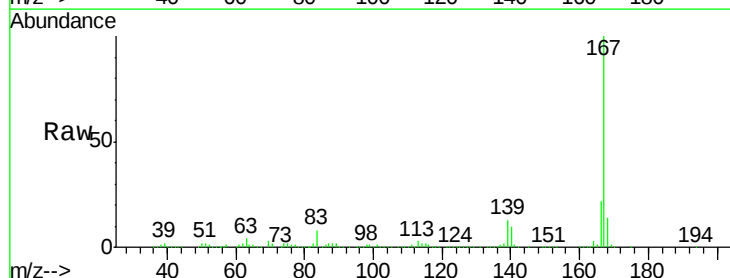
Tgt Ion:167 Resp: 1225130

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

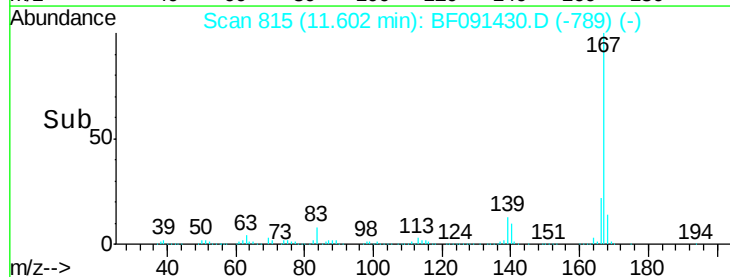
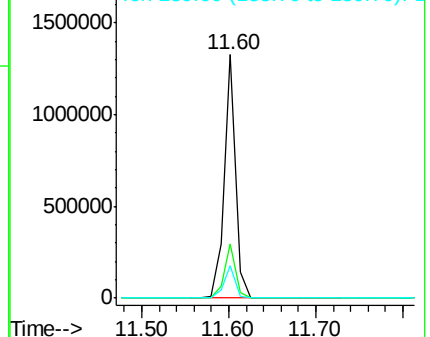
139 13.4 11.5 17.3

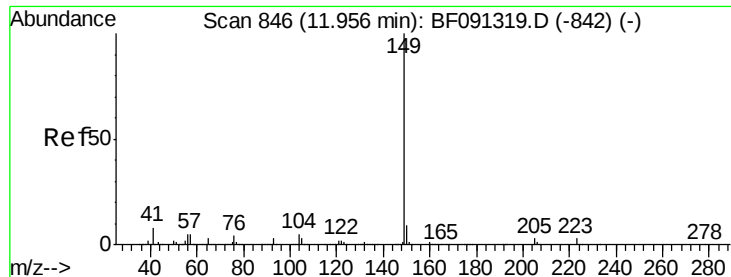


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 58.22 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

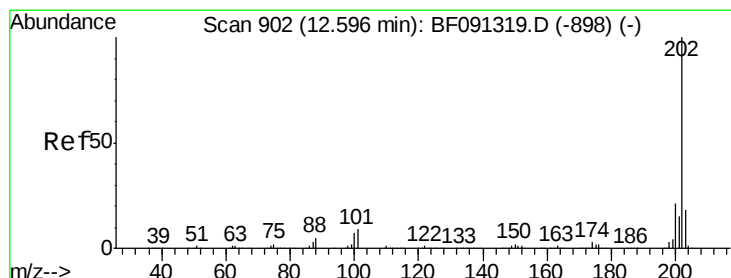
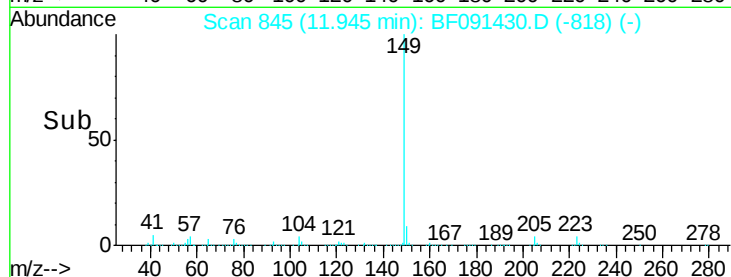
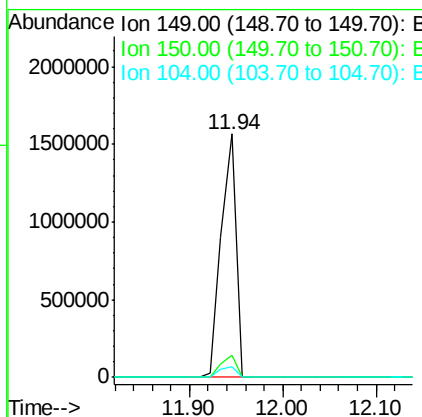
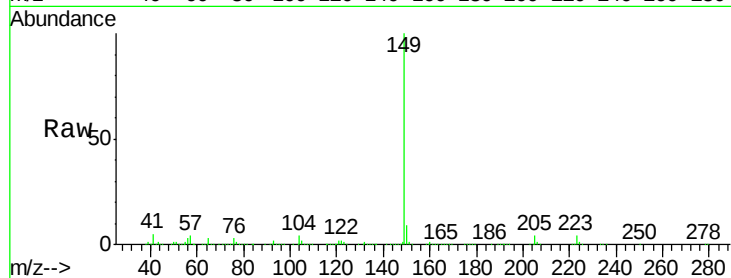
ClientSampleId :

MW-15MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 59.72 ng

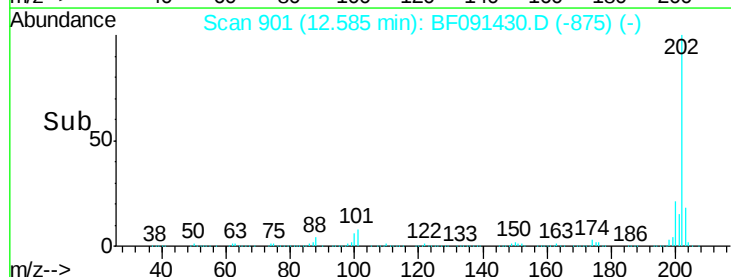
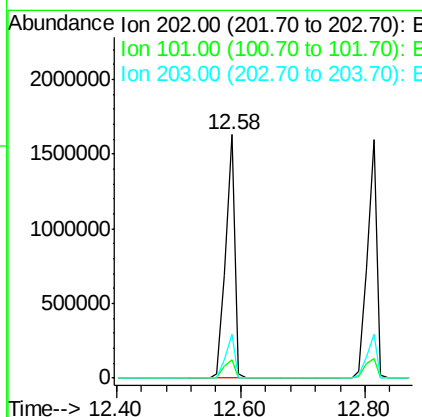
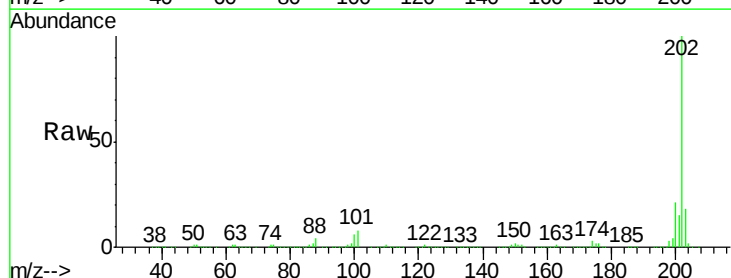
RT: 12.58 min Scan# 901

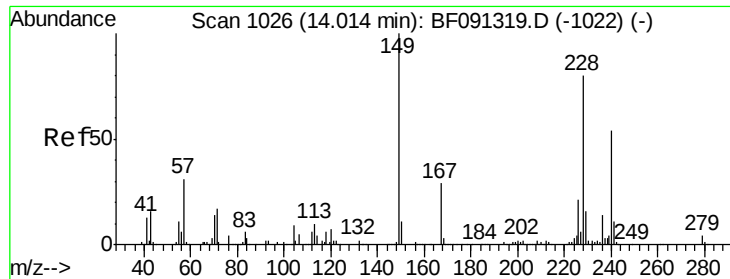
Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.5
203	18.0	0.0	37.8





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

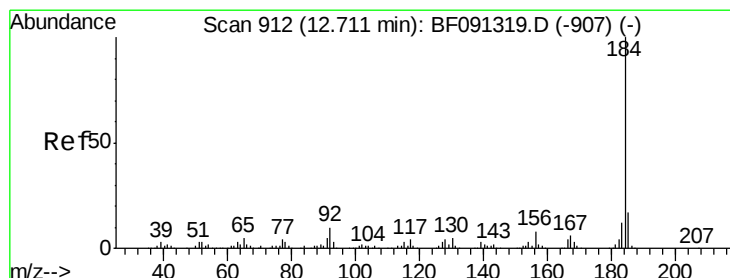
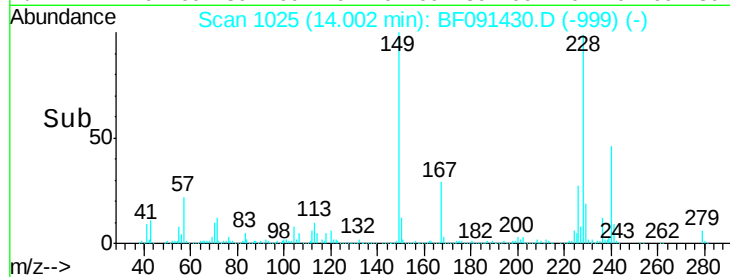
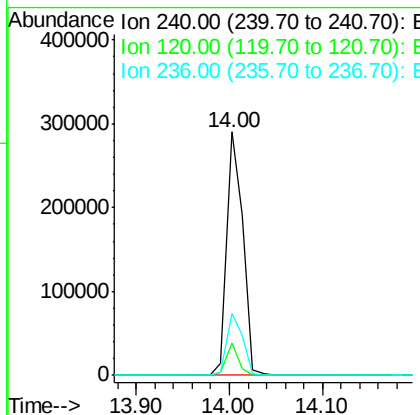
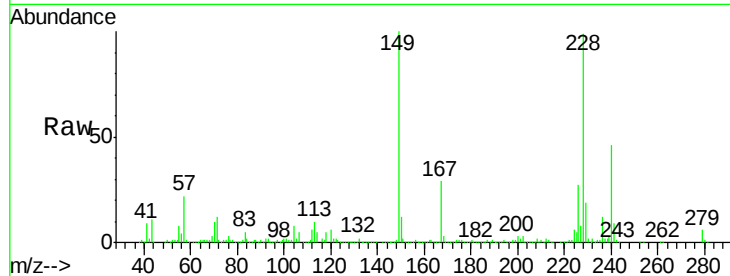
ClientSampleId :

MW-15MSD

Tot Ion:	240	Resp:	347811
Ion Ratio	Lower	Upper	
240	100		
120	13.3	12.1	18.1
236	25.2	21.0	31.6

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#76

Benzidine

Concen: 34.79 ng

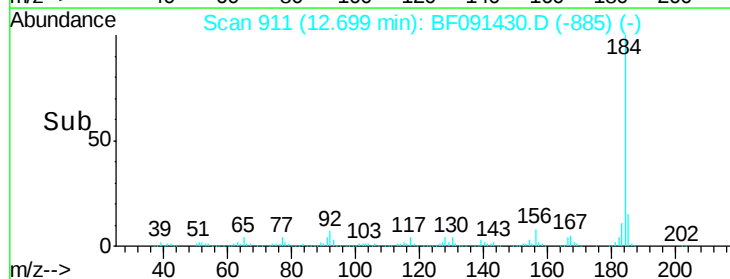
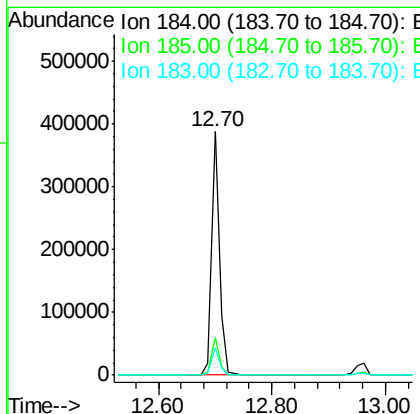
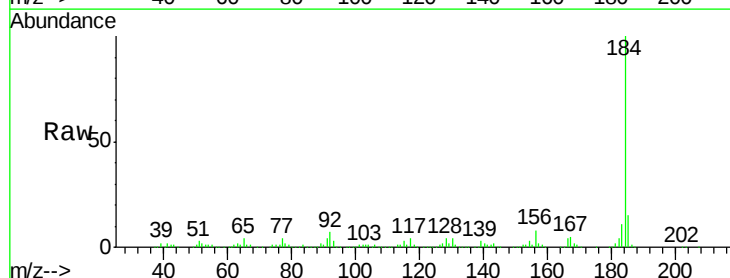
RT: 12.70 min Scan# 911

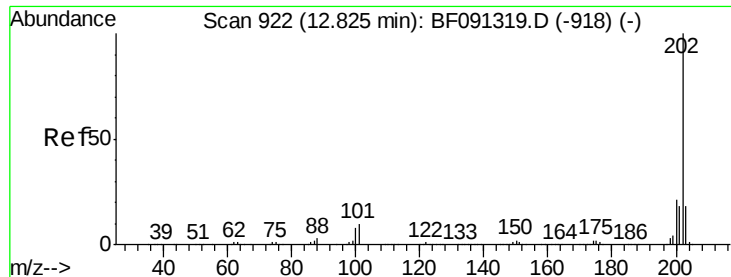
Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Tgt Ion:	184	Resp:	355246
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.1	19.7
183	11.4	8.9	13.3





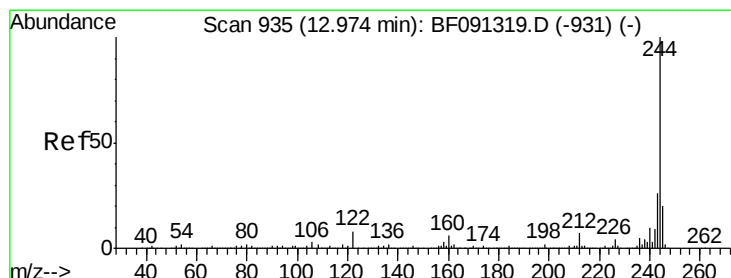
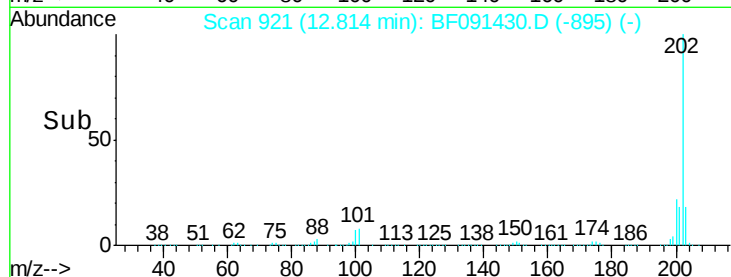
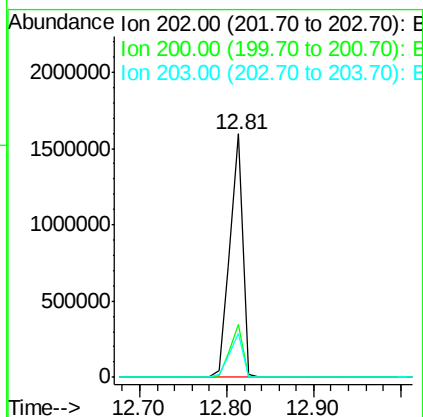
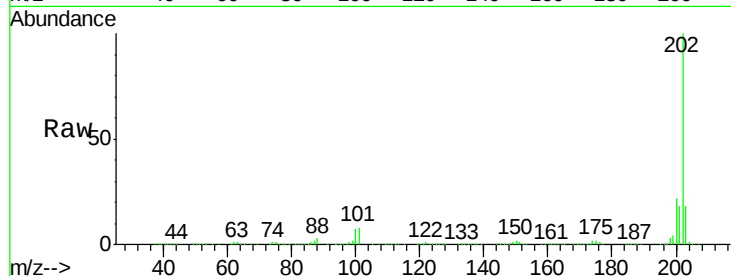
#77
Pvrene
Concen: 62.14 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.3	14.0	21.0

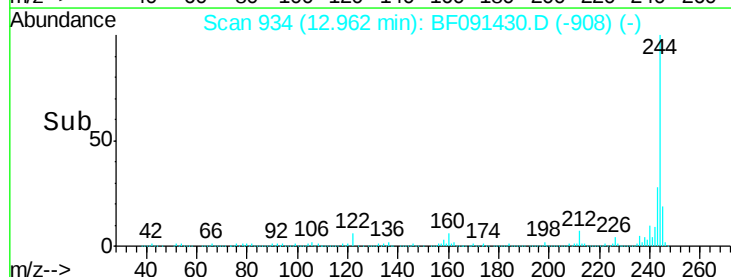
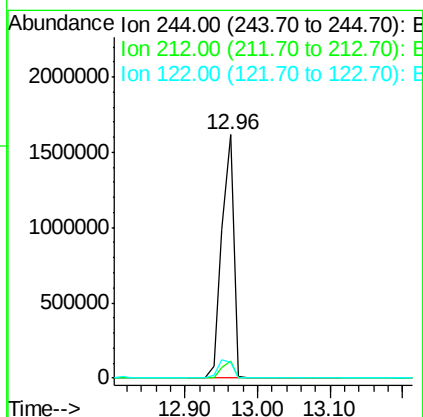
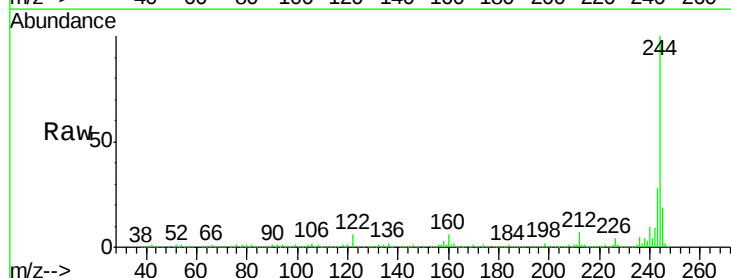
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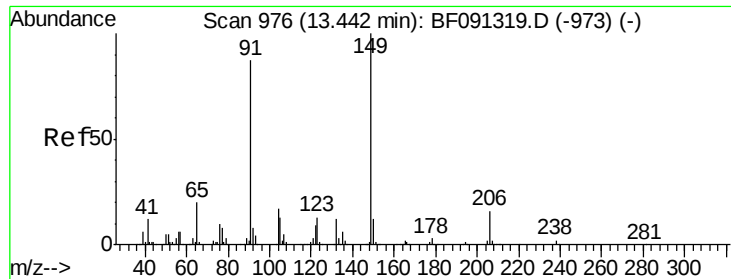
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#78
Terphenyl-d14
Concen: 116.45 ng
RT: 12.96 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	6.4	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 60.62 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

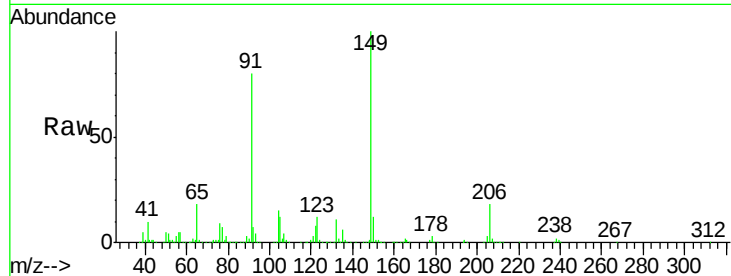
ClientSampleId :

MW-15MSD

Tot Ion:	149	Resp:	599177
Ion Ratio	Lower	Upper	
149	100		
91	79.8	57.4	86.2
206	18.3	15.4	23.2

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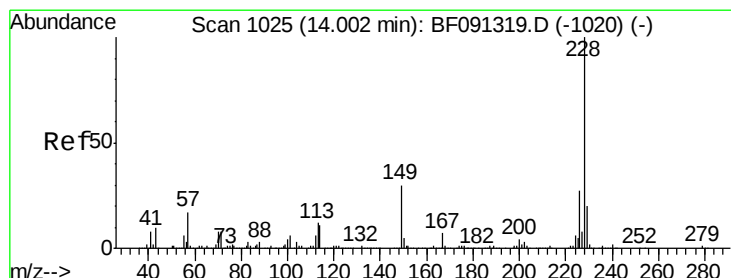
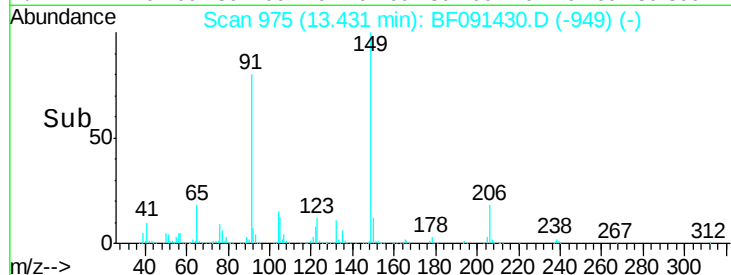
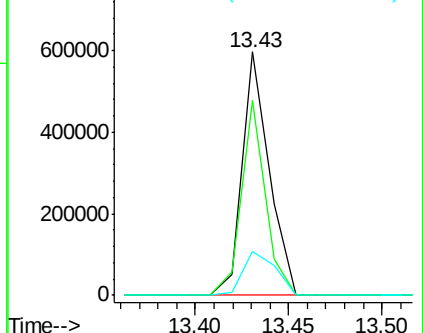
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.48 ng

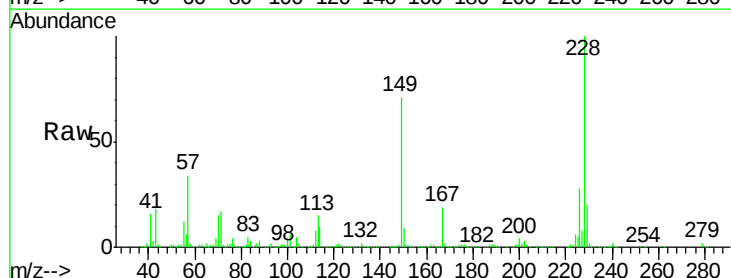
RT: 13.99 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

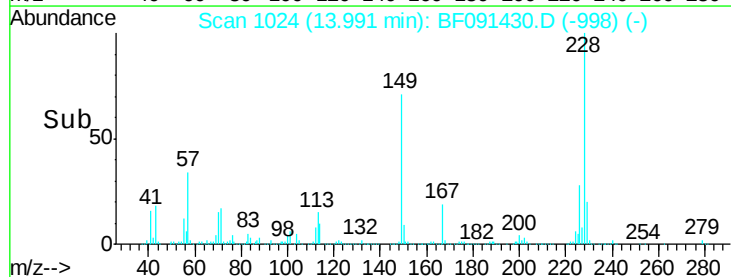
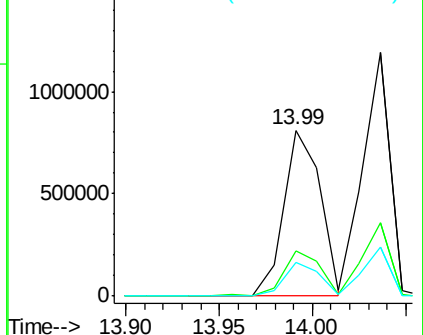
Tgt Ion:	228	Resp:	1108070
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.5	33.7
229	20.3	16.4	24.6

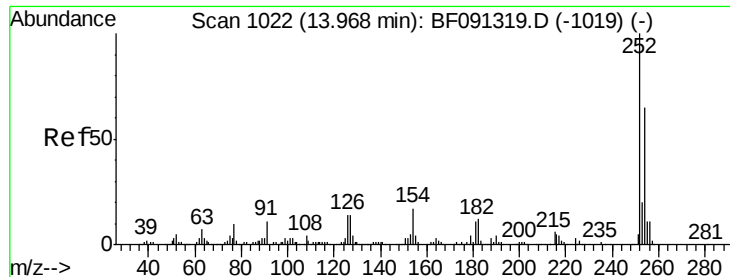


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





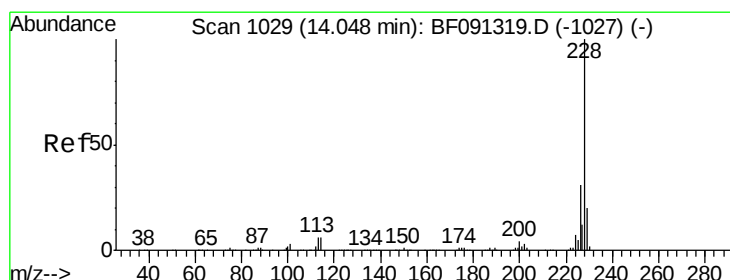
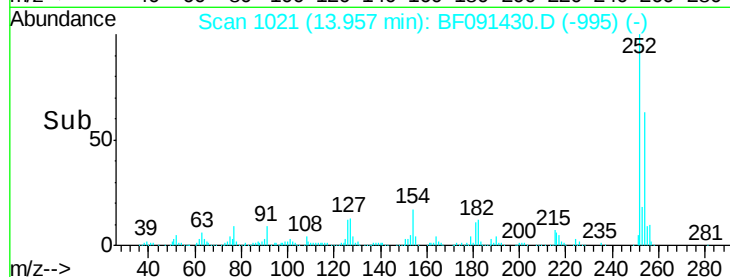
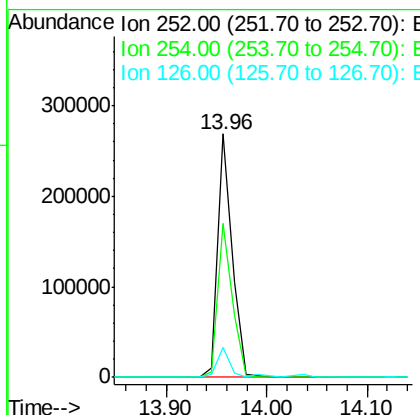
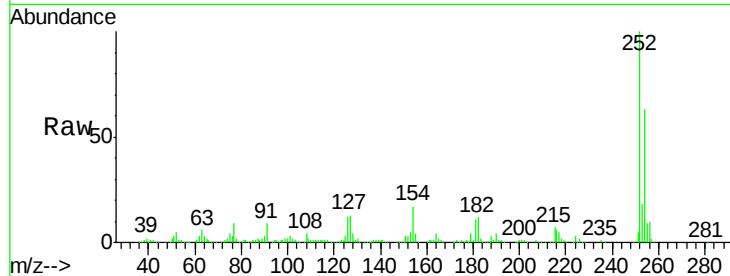
#81
 3,3'-Dichlorobenzidine
 Concen: 37.42 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	268164		
254	63.5	52.1	78.1	
126	12.1	7.5	11.3	

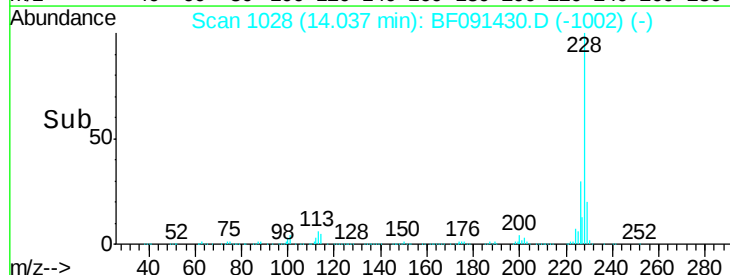
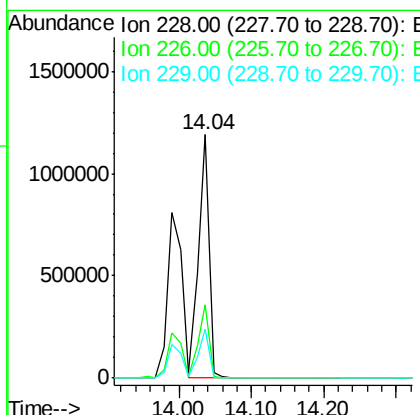
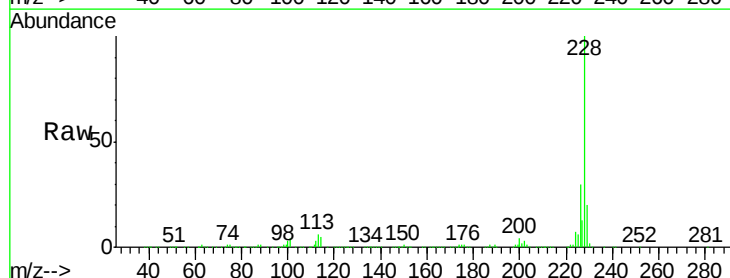
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#82
 Chrysene
 Concen: 59.47 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1196878		
226	30.3	25.0	37.4	
229	20.2	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 68.24 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF091430.D

Acq: 5 Dec 2016 20:55

Instrument :

BNA_F

ClientSampleId :

MW-15MSD

Tot Ion:149 Resp: 854876
Ion Ratio Lower Upper

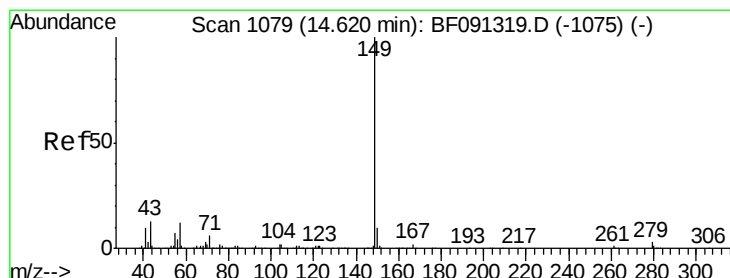
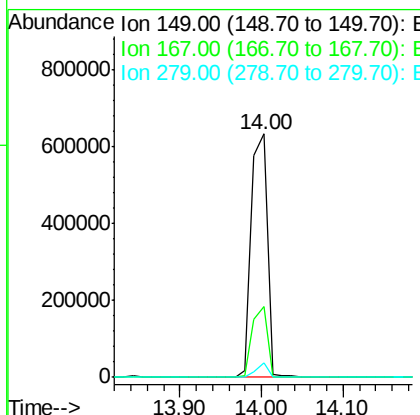
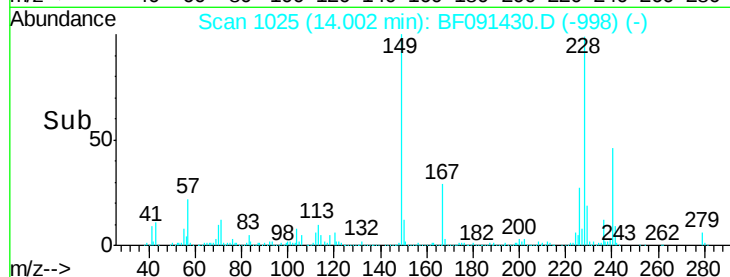
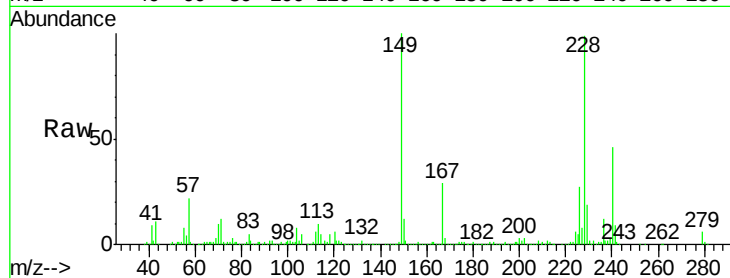
149 100

167 29.2 19.6 29.4

279 5.7 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 75.39 ng

RT: 14.61 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF091430.D

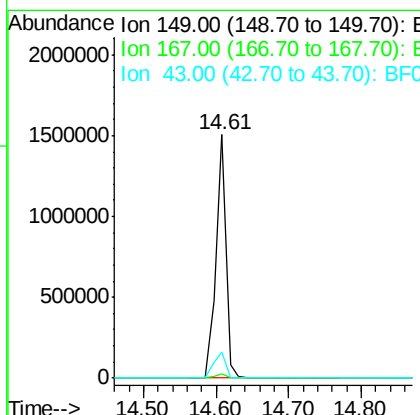
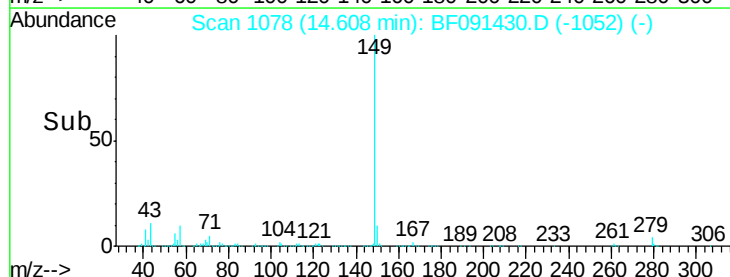
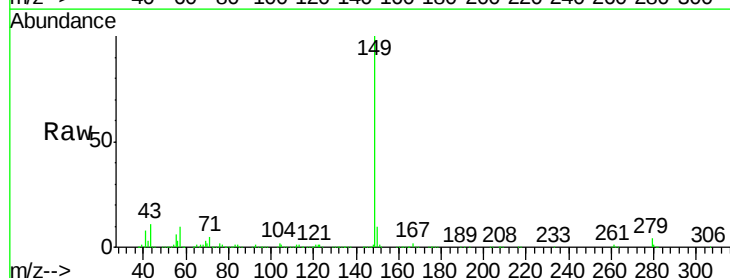
Acq: 5 Dec 2016 20:55

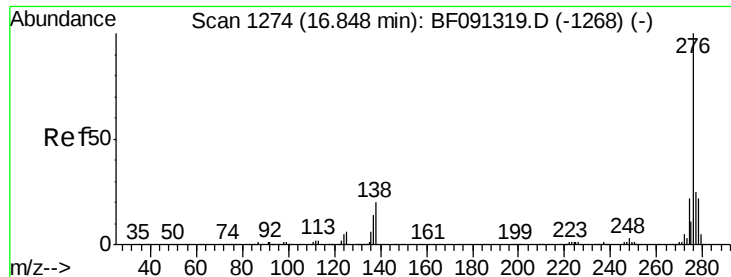
Tgt Ion:149 Resp: 1429312
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.9 11.9 17.9





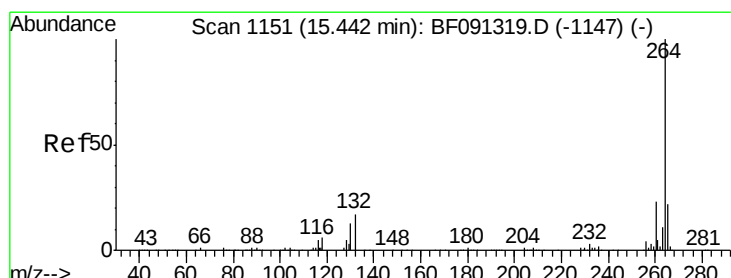
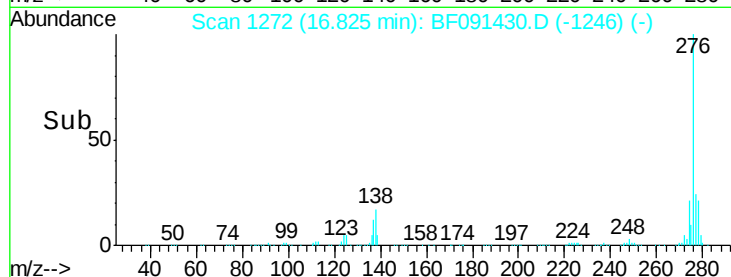
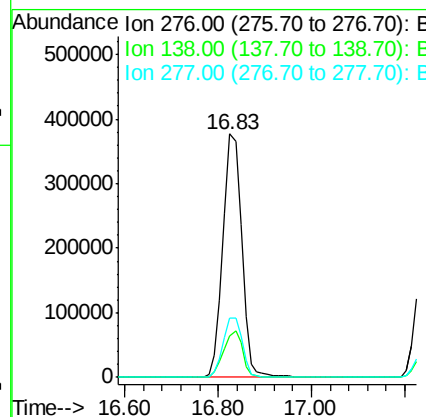
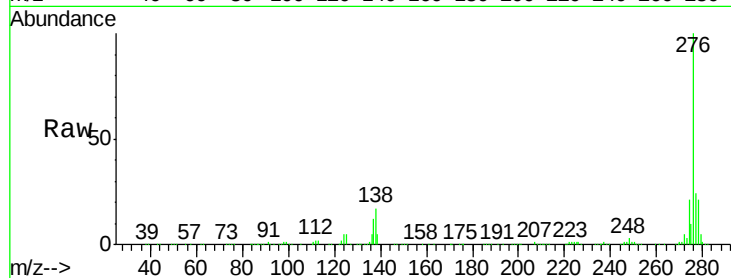
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.60 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	21.0	31.4#
277	25.2	20.2	30.2

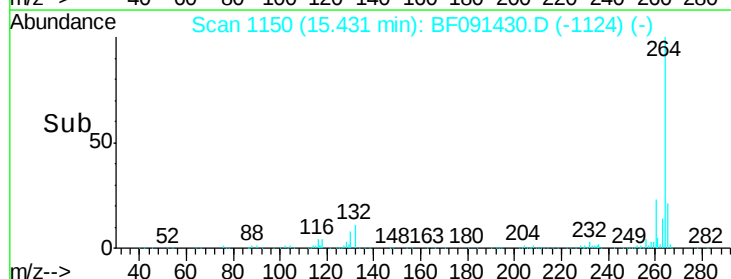
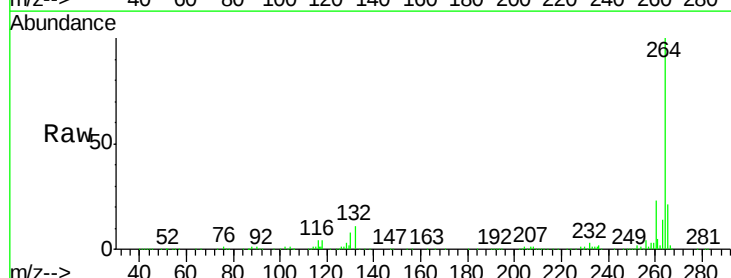
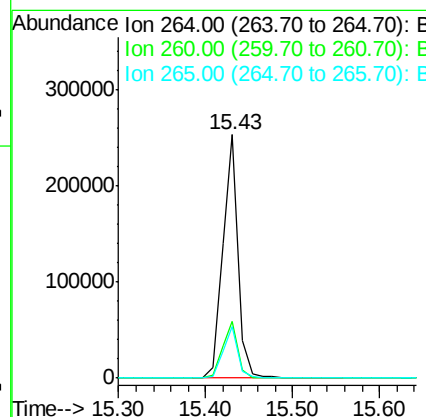
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.0	17.0	25.6





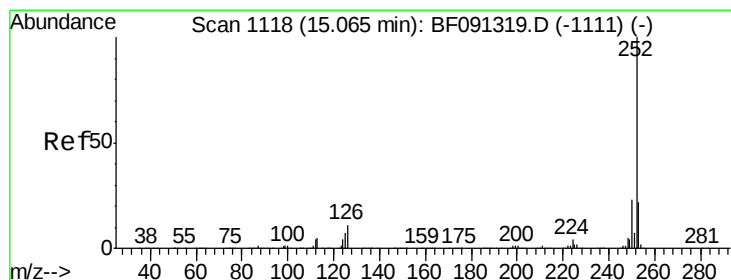
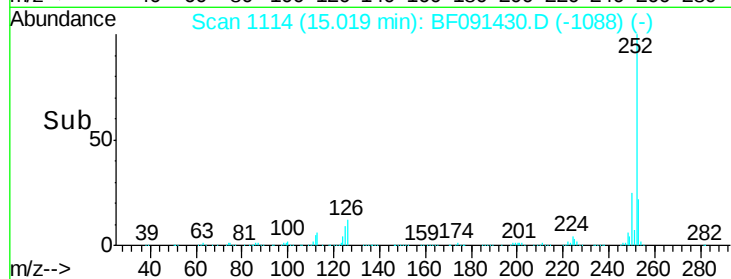
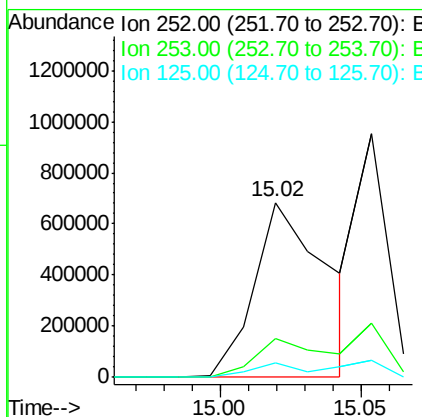
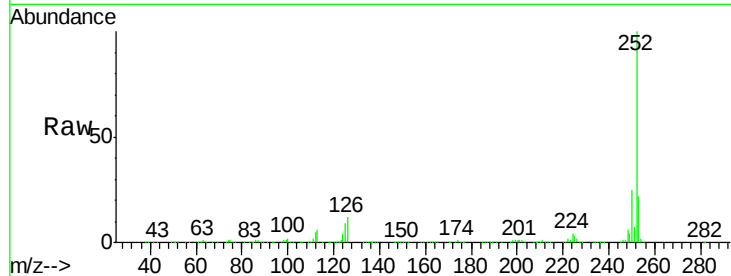
#87
Benzo(b)fluoranthene
Concen: 63.65 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

Tot Ion:252 Resp: 1228571
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 8.5 8.6 13.0#

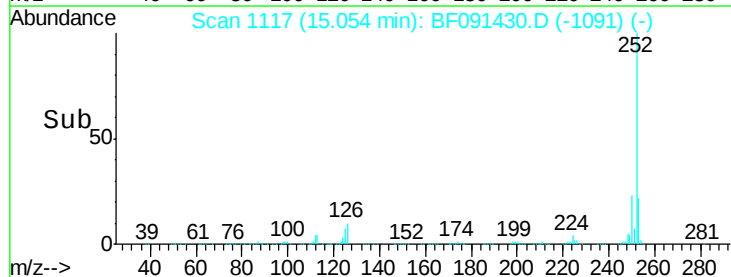
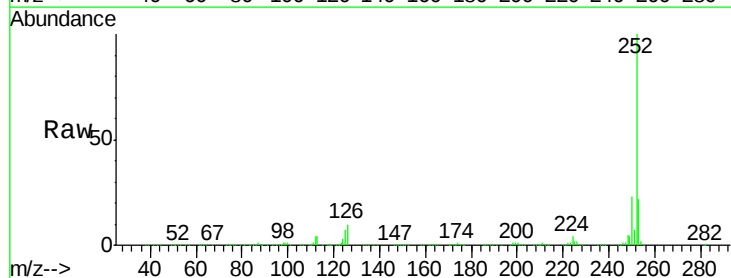
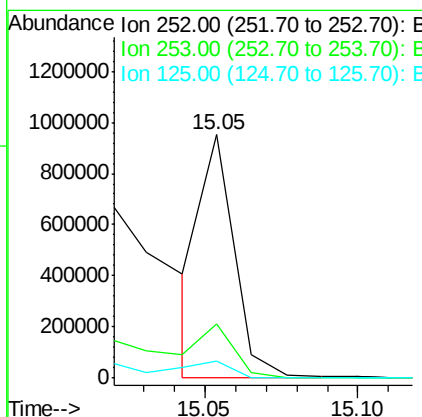
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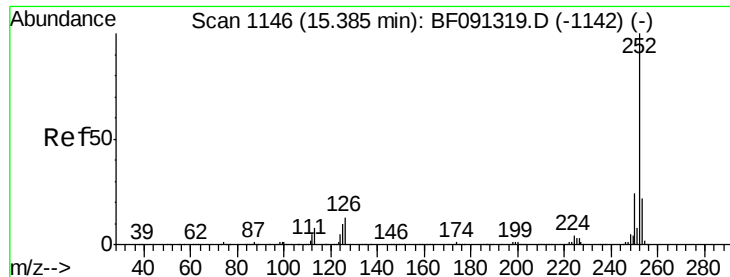
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#88
Benzo(k)fluoranthene
Concen: 44.98 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion:252 Resp: 730081
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 6.9 9.6 14.4#





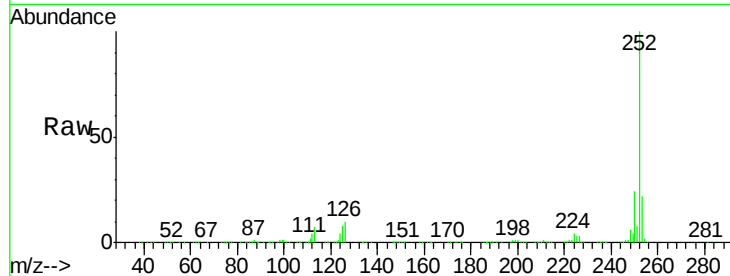
#89
Benzo(a)pyrene
Concen: 54.09 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Instrument :
BNA_F
ClientSampleId :
MW-15MSD

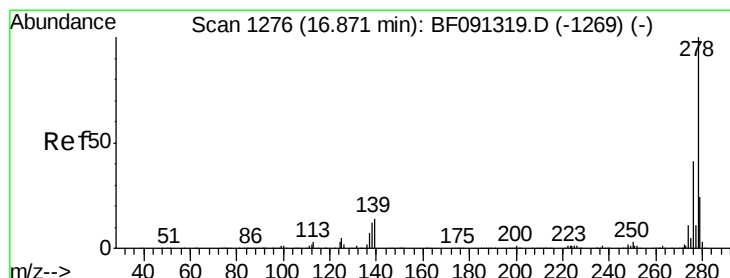
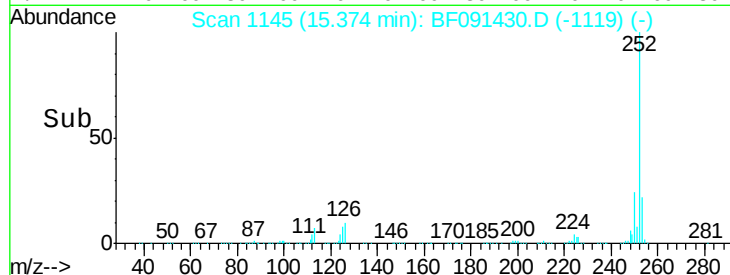
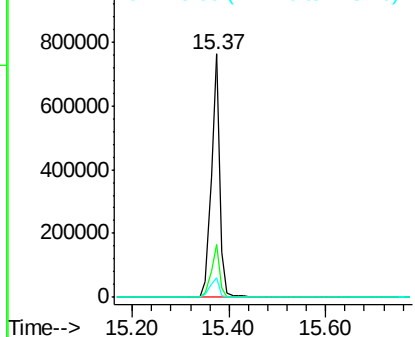
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	8.1	10.4	15.6

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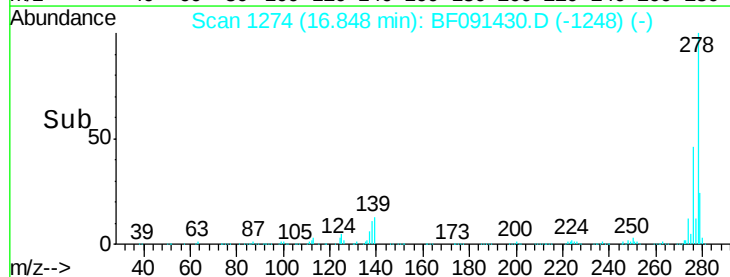
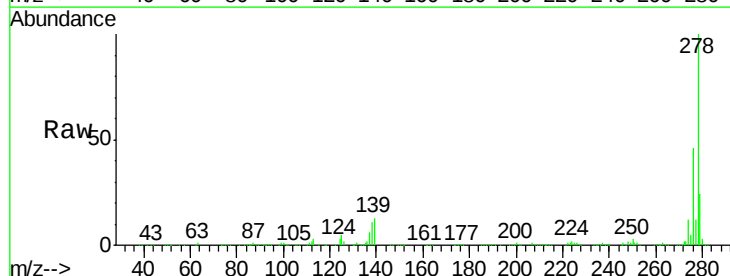
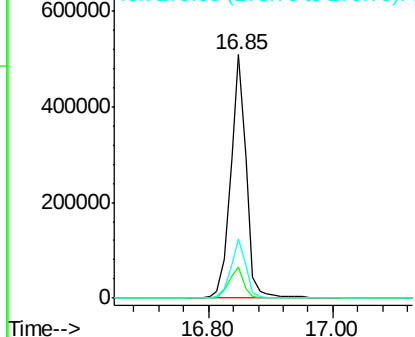
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

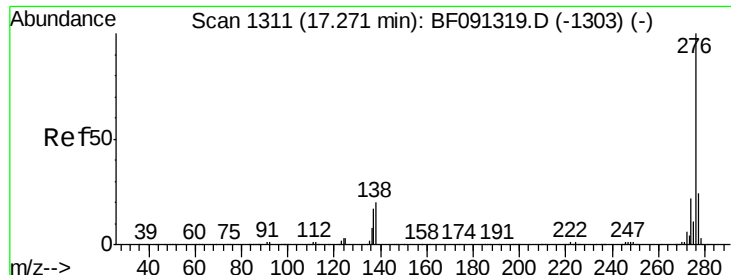


#90
Dibenzo(a,h)anthracene
Concen: 55.07 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF091430.D
Acq: 5 Dec 2016 20:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	15.1	22.7
279	24.4	19.0	28.6

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





#91
 Benzo(a,h,i)perylene
 Concen: 52.09 ng
 RT: 17.25 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091430.D
 Acq: 5 Dec 2016 20:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MSD

Tot Ion:	276	Resp:	861123
Ion Ratio		Lower	Upper
276	100		
277	23.7	19.0	28.4
138	17.3	15.4	23.0

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