

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091429.D
 Acq On : 5 Dec 2016 20:27
 Operator : UM/SJ
 Sample : H5838-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Manual Integrations
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Quant Time: Dec 06 00:42:36 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	143570	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	617514	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	343990	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	654425	20.00	ng	0.00
75) Chrysene-d12	14.00	240	326511	20.00	ng	0.00
86) Perylene-d12	15.43	264	309451	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	633925	72.13	ng	0.01
7) Phenol-d6	6.48	99	536656	49.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	1080999	98.10	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	576769	177.11	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1984142	104.44	ng	0.00
78) Terphenyl-d14	12.96	244	1784741	118.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	66677	16.77	ng	# 85
3) Pyridine	3.22	79	156018	13.87	ng	# 83
4) n-Nitrosodimethylamine	3.16	42	122560	20.76	ng	95
6) Aniline	6.52	93	248556	17.30	ng	# 68
8) 2-Chlorophenol	6.63	128	367954	38.19	ng	# 74
9) Benzaldehyde	6.39	77	137062	19.70	ng	91
10) Phenol	6.49	94	236146	18.55	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	417132	45.86	ng	95
12) 1,3-Dichlorobenzene	6.79	146	482479	45.01	ng	98
13) 1,4-Dichlorobenzene	6.87	146	517088	48.50	ng	99
14) 1,2-Dichlorobenzene	7.02	146	434714	43.77	ng	98
15) Benzyl Alcohol	7.00	79	289866	33.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	907359	46.39	ng	71
17) 2-Methylphenol	7.11	107	261092	34.28	ng	# 76
18) Hexachloroethane	7.36	117	186592	49.29	ng	# 86
19) n-Nitroso-di-n-propylamine	7.27	70	366669	53.80	ng	# 96
20) 3+4-Methylphenols	7.26	107	301588	32.43	ng	# 37
22) Acetophenone	7.26	105	723620	49.44	ng	# 82
24) Nitrobenzene	7.44	77	587524	52.08	ng	# 77
25) Isophorone	7.68	82	1051479	53.86	ng	98
26) 2-Nitrophenol	7.75	139	239891	46.66	ng	97
27) 2,4-Dimethylphenol	7.80	122	447054	46.48	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	604530	51.45	ng	100
29) 2,4-Dichlorophenol	7.99	162	391399	46.26	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	470903	49.65	ng	97
31) Naphthalene	8.16	128	1513135	51.56	ng	100
32) Benzoic acid	7.88	122	100595	14.19	ng	93
33) 4-Chloroaniline	8.21	127	123466	9.84	ng	96
34) Hexachlorobutadiene	8.28	225	283984	48.69	ng	98
35) Caprolactam	8.58	113	18755m	7.71	ng	
36) 4-Chloro-3-methylphenol	8.69	107	426293	46.67	ng	94
37) 2-Methylnaphthalene	8.85	142	917626	46.02	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	464221	47.87	ng	99
40) Hexachlorocyclopentadiene	9.01	237	471049	104.79	ng	99

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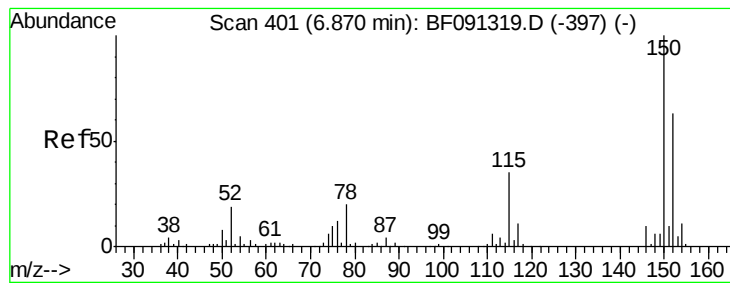
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	333958	52.99	nq	95
43) 2,4,5-Trichlorophenol	9.17	196	319595	50.60	nq #	92
45) 1,1'-Biphenyl	9.32	154	1130490	45.70	nq	97
46) 2-Chloronaphthalene	9.34	162	832252	45.18	nq	98
47) 2-Nitroaniline	9.43	65	277985	42.02	nq #	74
48) Acenaphthylene	9.75	152	1471292	50.74	nq	98
49) Dimethylphthalate	9.62	163	1084104	52.05	nq	97
50) 2,6-Dinitrotoluene	9.68	165	281755	60.52	nq #	82
51) Acenaphthene	9.92	154	1118052	57.16	nq	96
52) 3-Nitroaniline	9.84	138	67960	12.61	nq	99
53) 2,4-Dinitrophenol	9.96	184	296942	145.86	nq #	85
54) Dibenzofuran	10.10	168	1466683	56.01	nq	91
55) 4-Nitrophenol	10.00	139	139281	35.79	nq	95
56) 2,4-Dinitrotoluene	10.08	165	335864	55.62	nq #	67
57) Fluorene	10.44	166	1049381	52.19	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	322490	59.79	nq	93
59) Diethylphthalate	10.32	149	1185923	57.68	nq	96
60) 4-Chlorophenyl-phenylether	10.44	204	563286	55.86	nq	94
61) 4-Nitroaniline	10.46	138	207333	40.98	nq	89
62) Azobenzene	10.60	77	1299090	61.92	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	210895	58.49	nq #	37
65) n-Nitrosodiphenylamine	10.55	169	935651	47.16	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	373500	53.10	nq #	75
67) Hexachlorobenzene	10.98	284	356284	46.87	nq #	81
68) Atrazine	11.09	200	357043	55.56	nq	92
69) Pentachlorophenol	11.18	266	406356	90.81	nq	96
70) Phenanthrene	11.40	178	1562232	45.94	nq	99
71) Anthracene	11.45	178	1823074	54.02	nq	100
72) Carbazole	11.60	167	1355622	44.27	nq	100
73) Di-n-butylphthalate	11.94	149	1961996	56.53	nq	99
74) Fluoranthene	12.58	202	1650934	51.25	nq	99
76) Benzidine	12.70	184	290033	30.26	nq	98
77) Pyrene	12.81	202	1663420	67.13	nq	99
79) Butylbenzylphthalate	13.43	149	549326	59.20	nq	92
80) Benzo(a)anthracene	13.99	228	1100971	57.66	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	179284	26.65	nq	96
82) Chrysene	14.04	228	1143132	60.50	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	834719	70.97	nq #	90
84) Di-n-octyl phthalate	14.61	149	1314983	73.89	nq	95
85) Indeno(1,2,3-cd)pyrene	16.83	276	1004163	58.04	nq #	92
87) Benzo(b)fluoranthene	15.02	252	1180455m	61.37	nq	
88) Benzo(k)fluoranthene	15.05	252	717812m	44.38	nq	
89) Benzo(a)pyrene	15.37	252	873958	50.60	nq #	94
90) Dibenzo(a,h)anthracene	16.85	278	838240	52.47	nq #	93
91) Benzo(g,h,i)perylene	17.25	276	828641	50.30	nq	97

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



#1

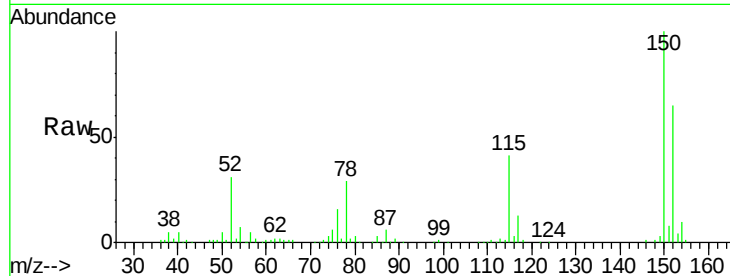
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

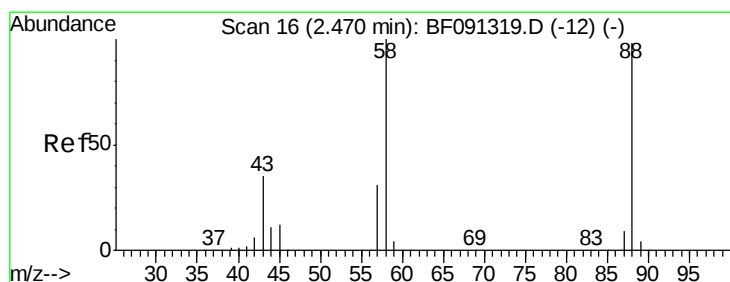
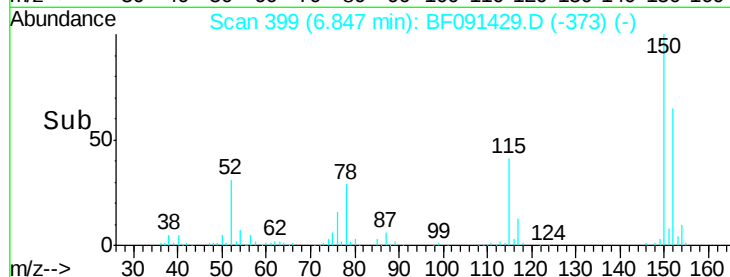
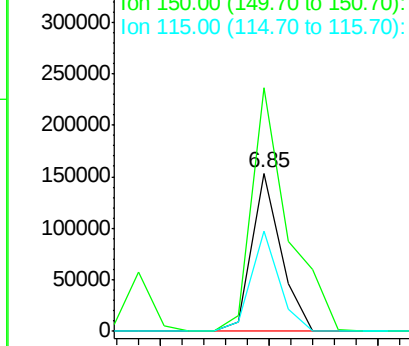
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	122.5	183.7
115	63.1	51.8	77.8

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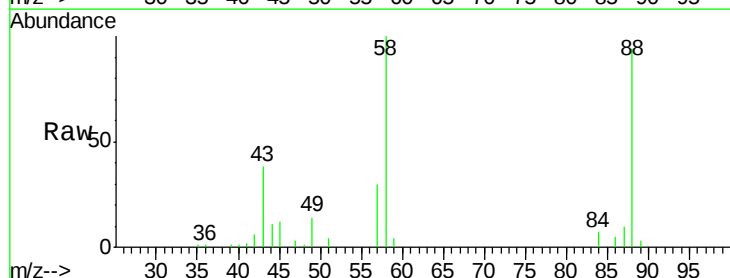
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



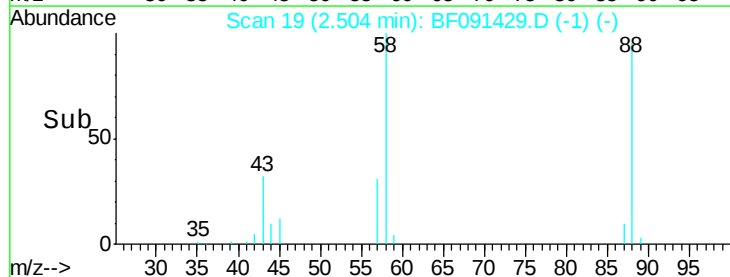
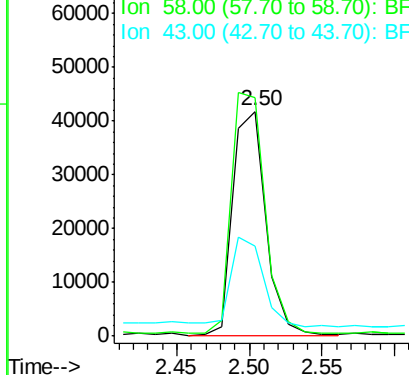
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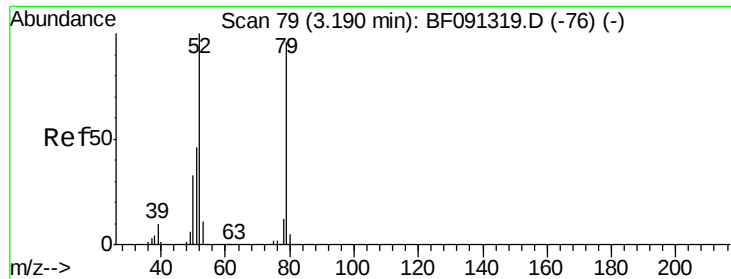
1,4-Dioxane
Concen: 16.77 ng
RT: 2.50 min Scan# 19
Delta R.T. 0.06 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.0	70.3	105.5#
43	40.4	31.3	46.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 13.87 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.07 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

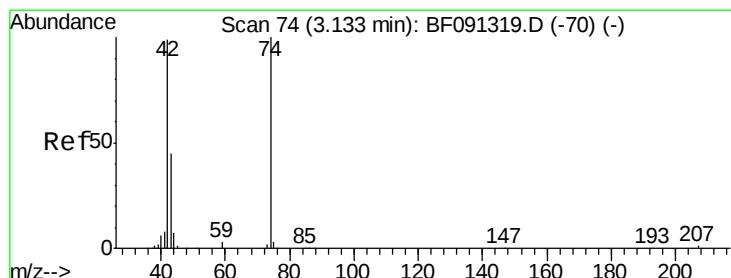
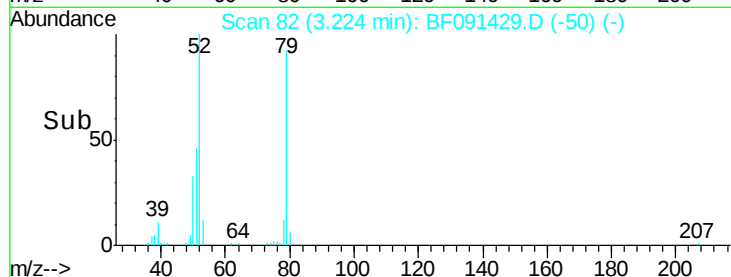
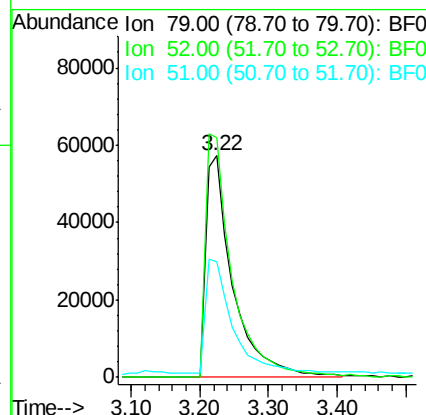
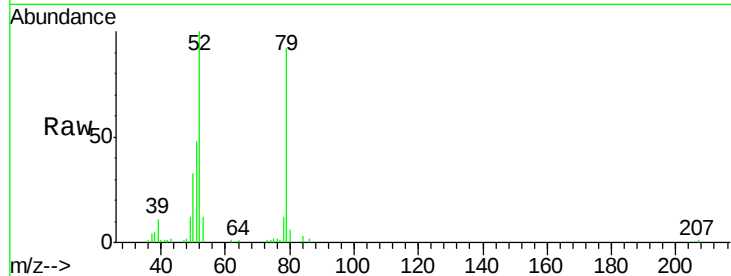
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		156018		
52	108.1	71.0	106.4#		
51	52.3	37.0	55.4		

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#4

n-Nitrosodimethylamine

Concen: 20.76 ng

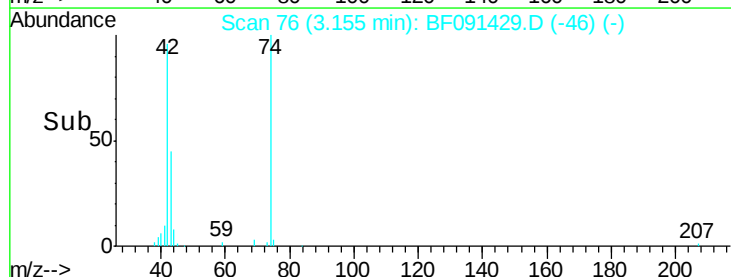
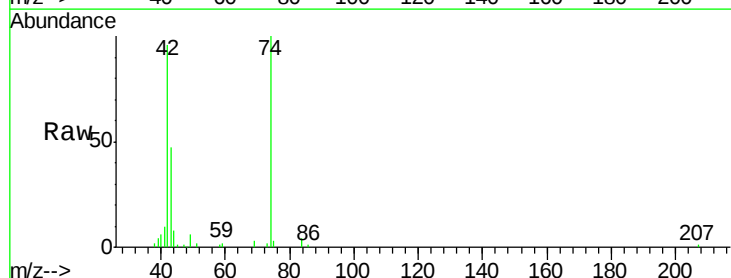
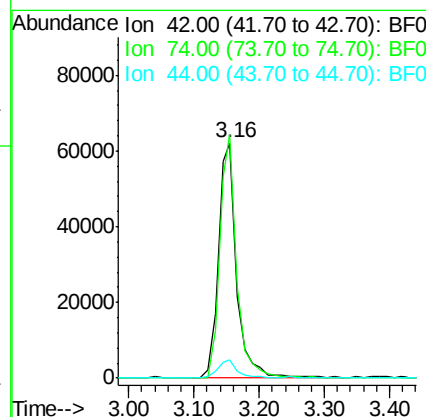
RT: 3.16 min Scan# 76

Delta R.T. 0.05 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		122560		
74	103.8	78.9	118.3		
44	7.8	5.8	8.6		





#5

2-Fluorophenol

Concen: 72.13 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

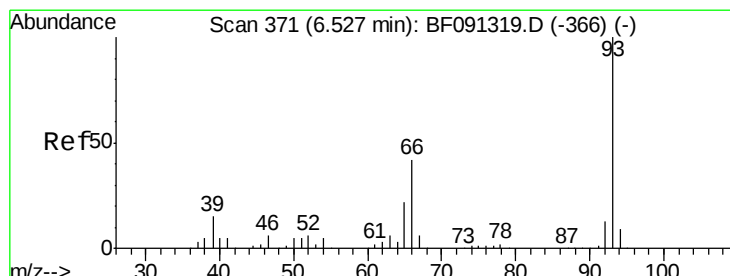
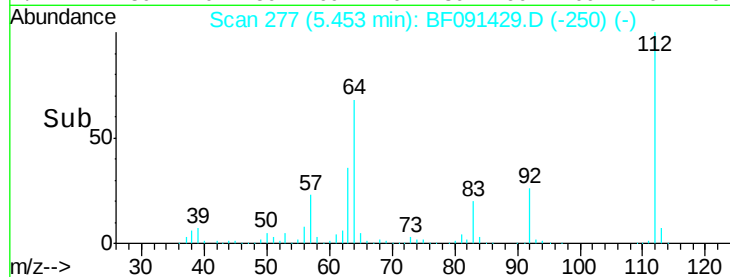
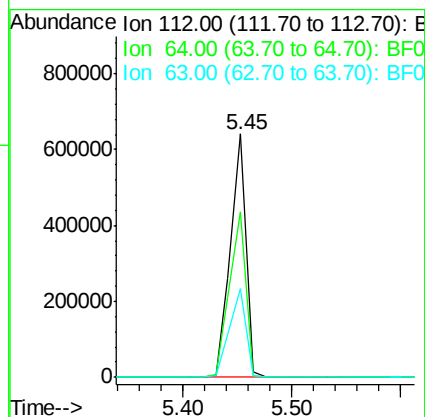
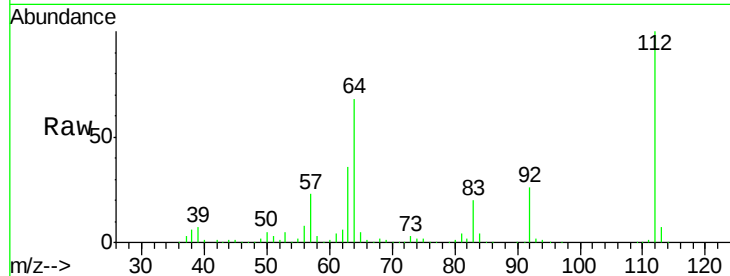
ClientSampleId :

MW-15MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		633925		
64	67.9		61.5	92.3	
63	36.4		33.3	49.9	

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#6

Aniline

Concen: 17.30 ng

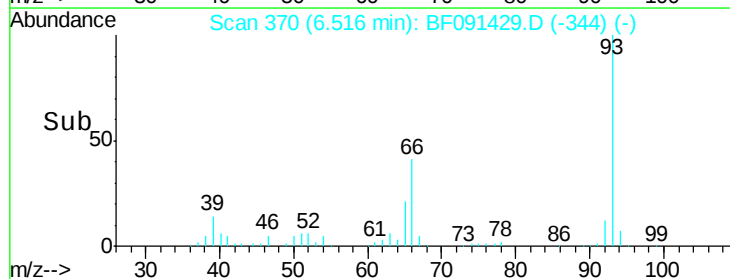
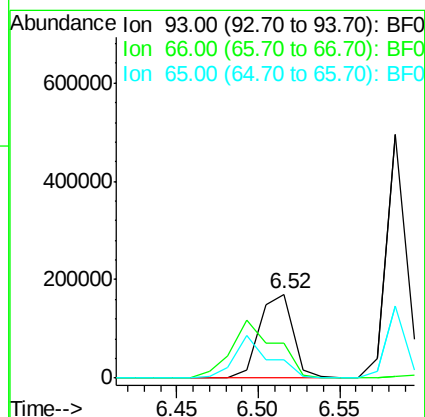
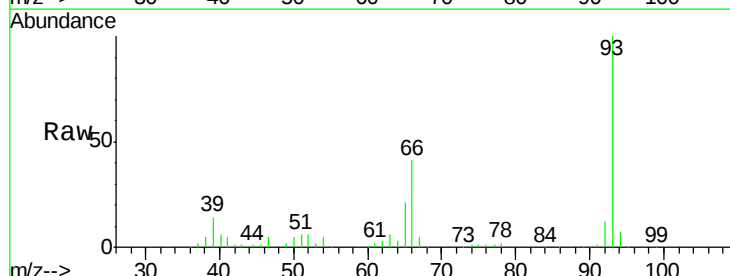
RT: 6.52 min Scan# 370

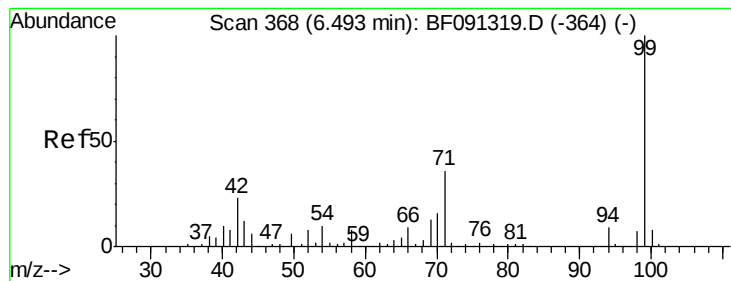
Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		248556		
66	41.1		55.8	83.6#	
65	21.4		29.9	44.9#	





#7

Phenol-d6

Concen: 49.61 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

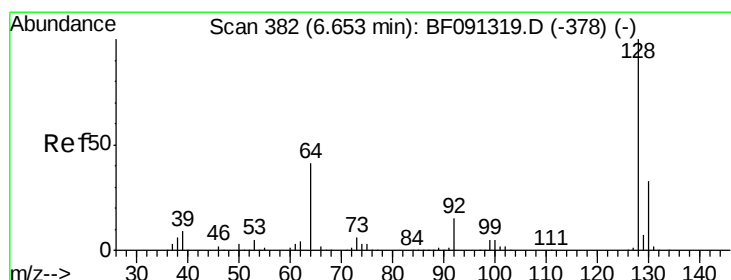
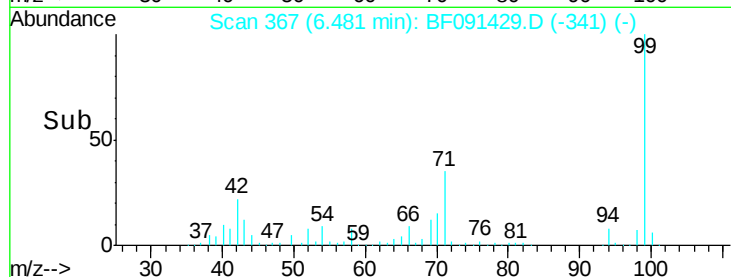
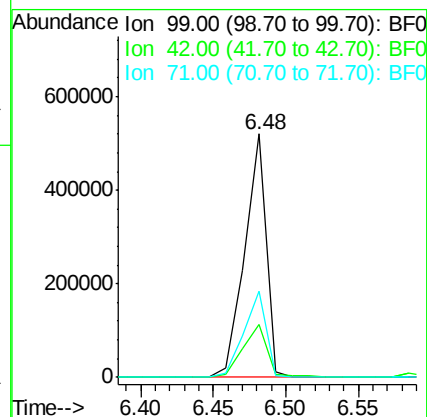
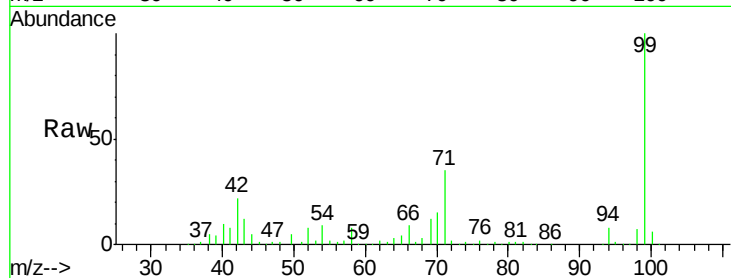
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Tot Ion:	99	Resp:	536656
Ion Ratio	Lower	Upper	
99	100		
42	21.5	20.6	31.0
71	35.4	29.9	44.9

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#8

2-Chlorophenol

Concen: 38.19 ng

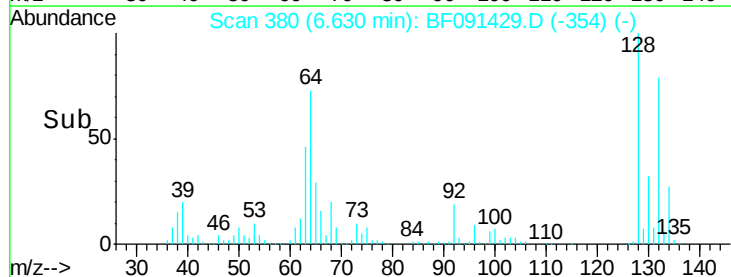
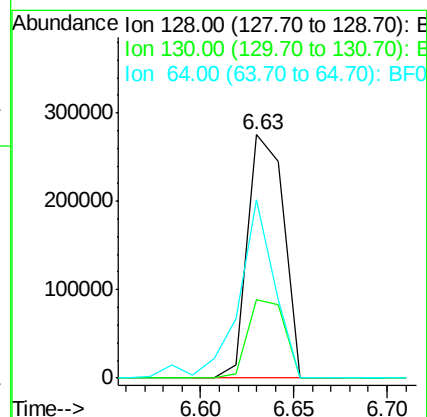
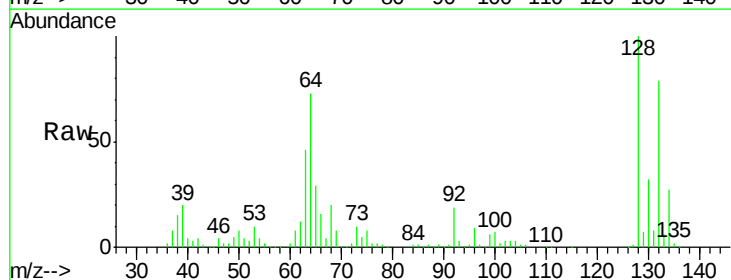
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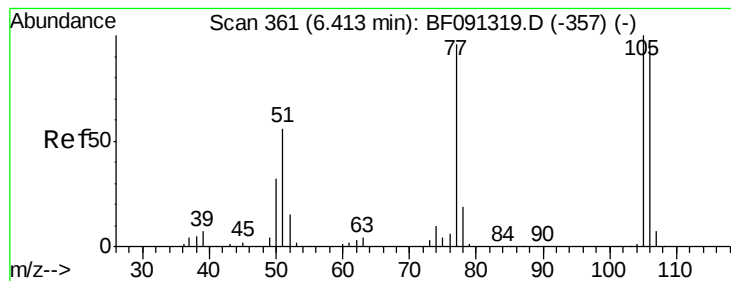
Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion:	128	Resp:	367954
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	73.0	24.1	64.1#





#9

Benzaldehyde

Concen: 19.70 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

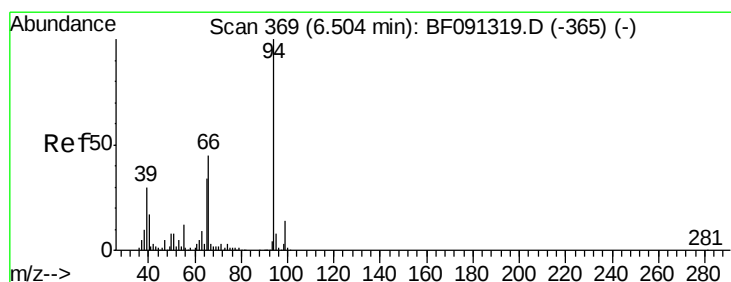
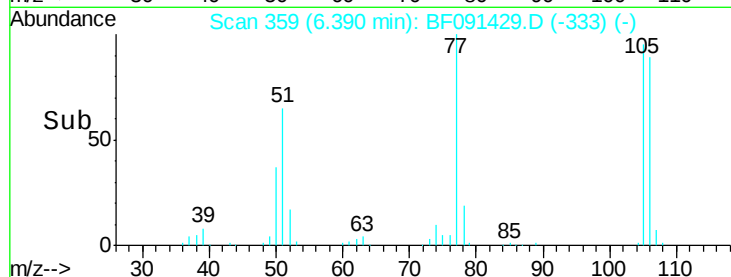
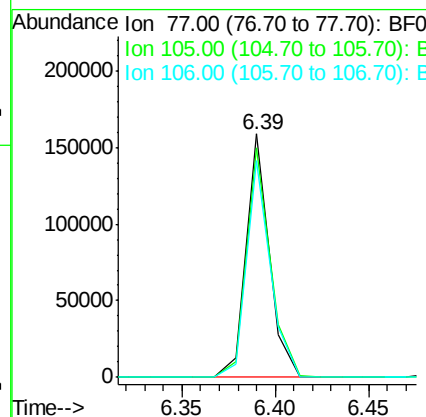
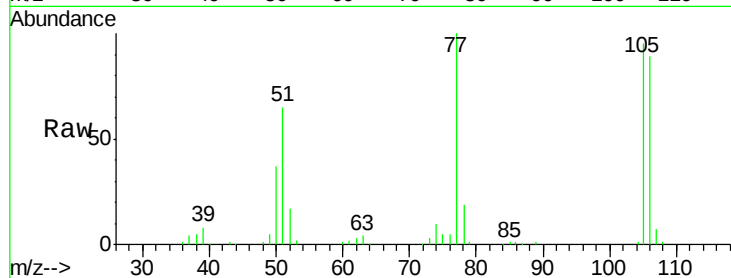
ClientSampleId :

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Tot Ion:	77	Resp:	137062
Ion Ratio	Lower	Upper	
77	100		
105	94.5	66.4	106.4
106	89.3	60.9	100.9

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#10

Phenol

Concen: 18.55 ng

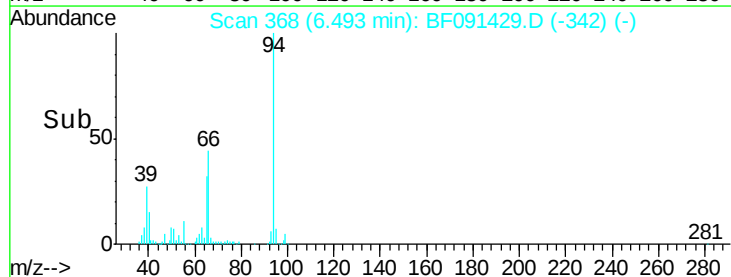
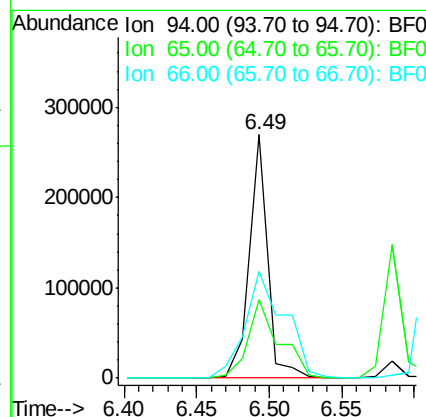
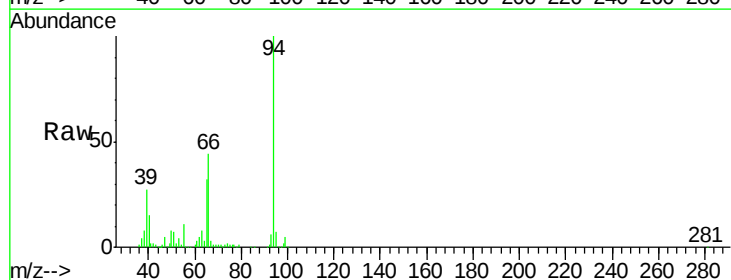
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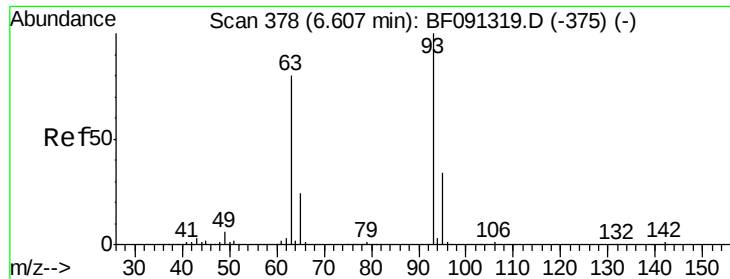
Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion:	94	Resp:	236146
Ion Ratio	Lower	Upper	
94	100		
65	32.1	16.9	56.9
66	43.6	30.6	70.6





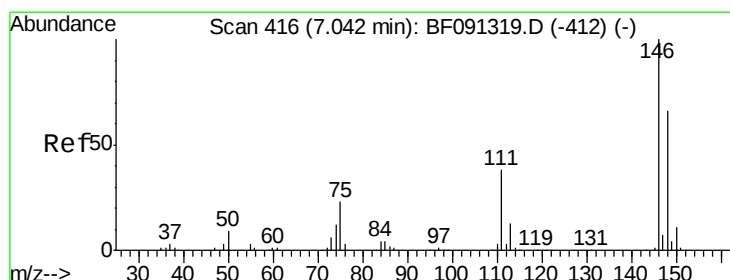
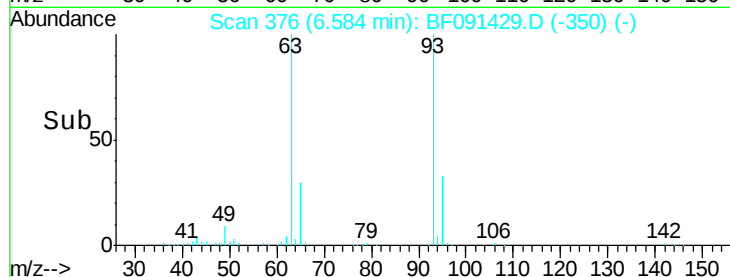
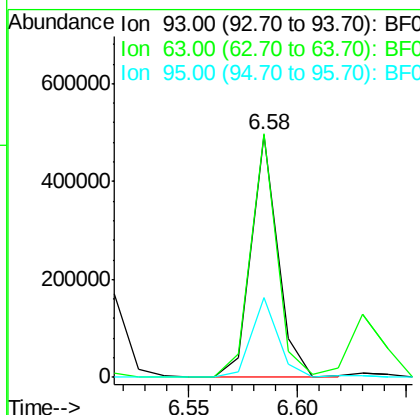
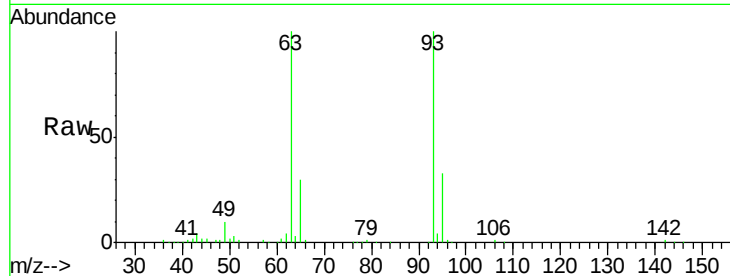
#11
bis(2-Chloroethyl)ether
Concen: 45.86 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	100.5	74.8	114.8
95	33.1	12.4	52.4

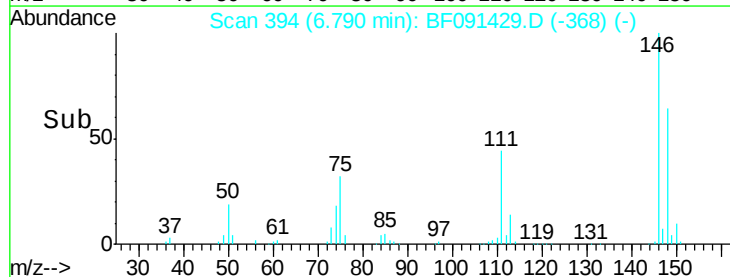
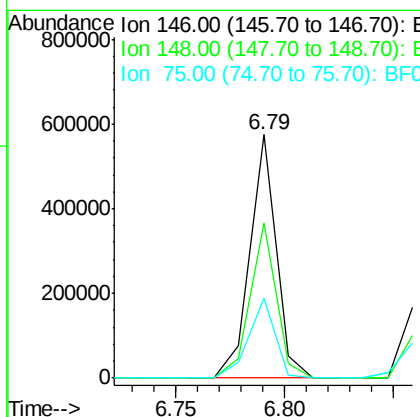
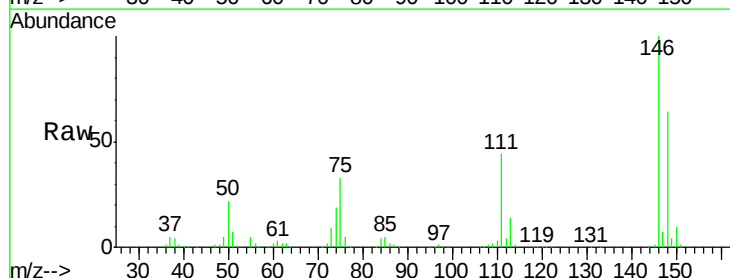
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#12
1,3-Dichlorobenzene
Concen: 45.01 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	32.6	23.6	35.4





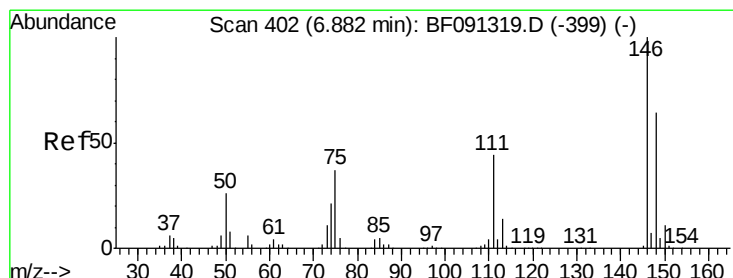
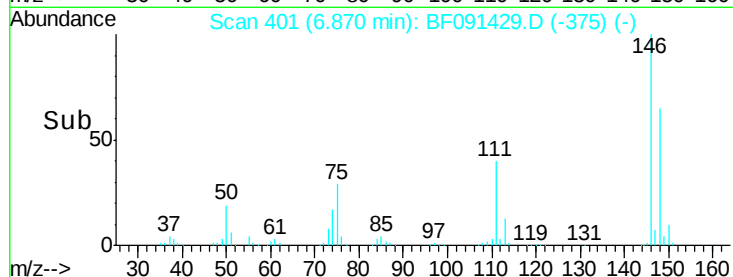
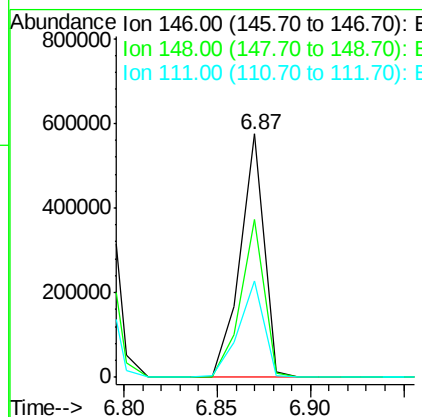
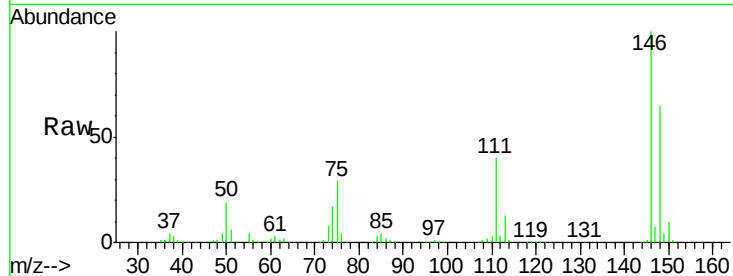
#13
1,4-Dichlorobenzene
Concen: 48.50 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	39.6	32.2	48.2

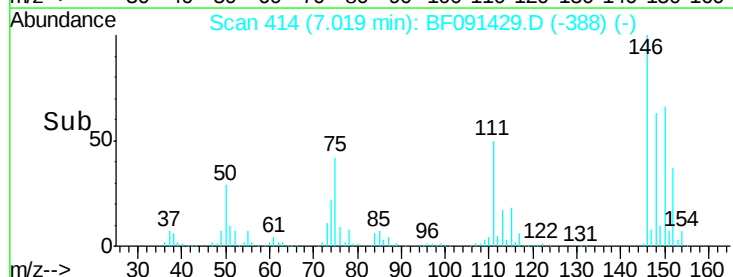
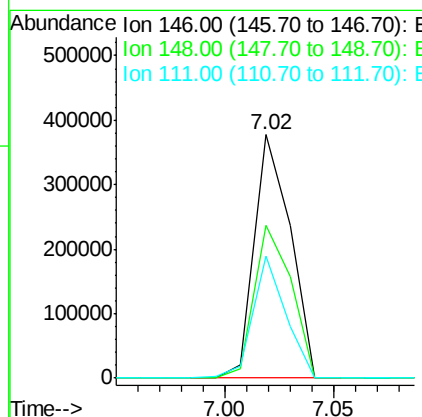
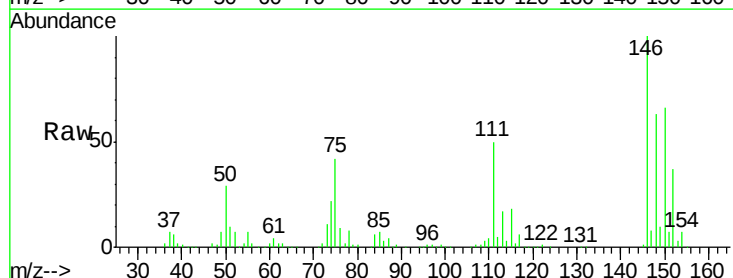
Manual Integrations
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#14
1,2-Dichlorobenzene
Concen: 43.77 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	50.0	38.9	58.3





#15

Benzyl Alcohol

Concen: 33.48 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

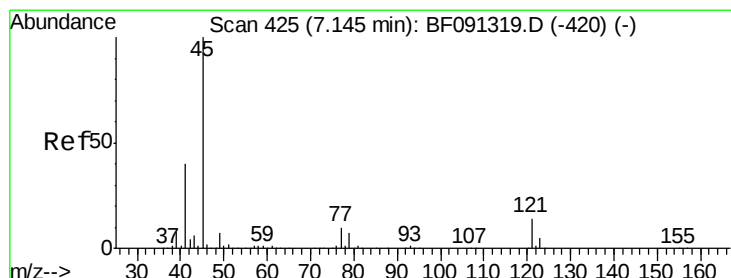
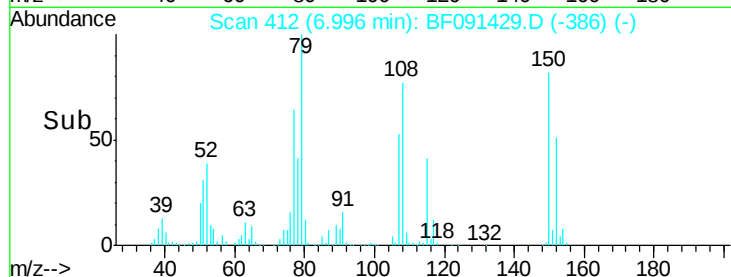
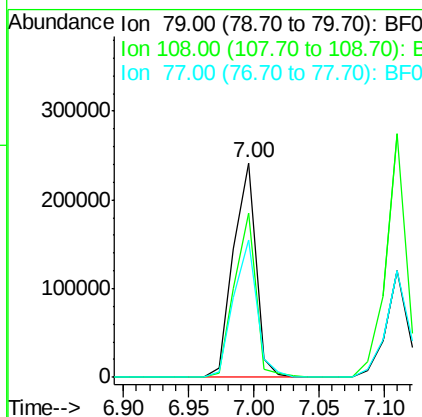
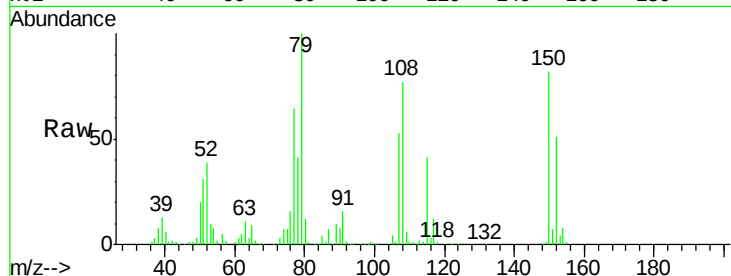
ClientSampleId :

MW-15MS

Tot Ion:	79	Resp:	289866
Ion	Ratio	Lower	Upper
79	100		
108	76.6	62.7	94.1
77	63.9	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.39 ng

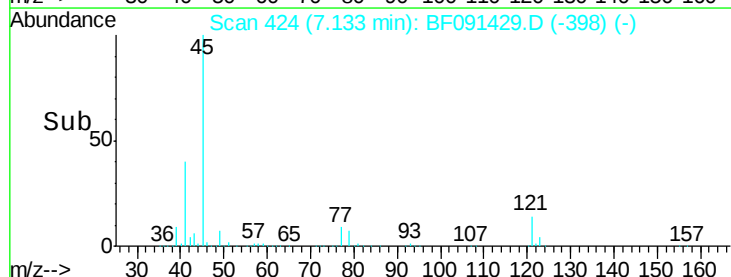
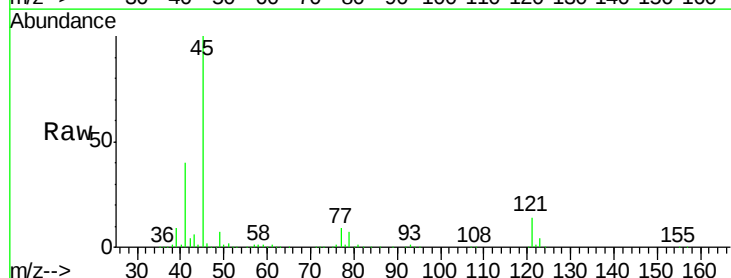
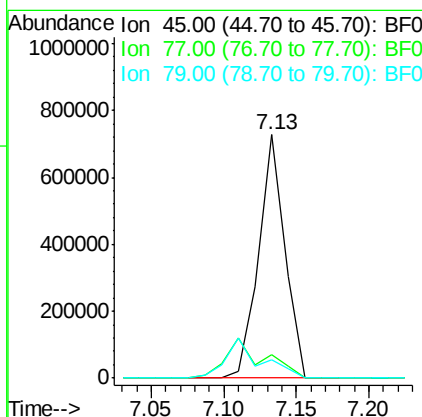
RT: 7.13 min Scan# 424

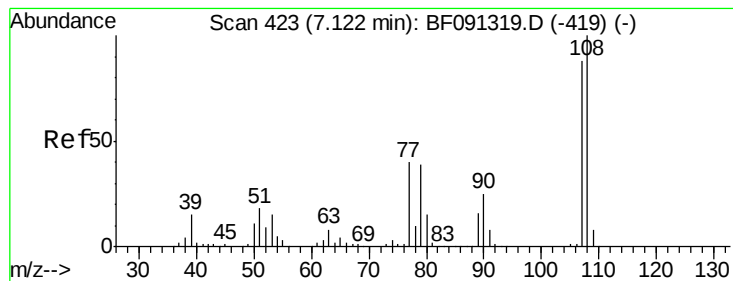
Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion:	45	Resp:	907359
Ion	Ratio	Lower	Upper
45	100		
77	9.4	3.8	43.8
79	7.4	0.2	40.2





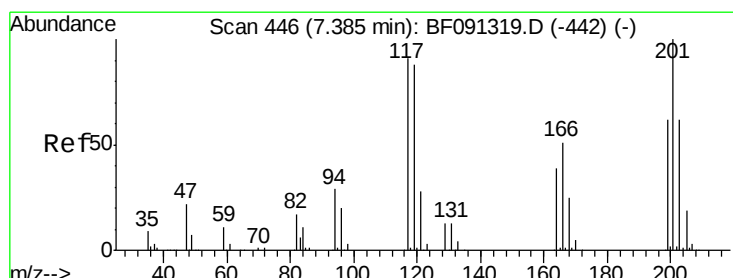
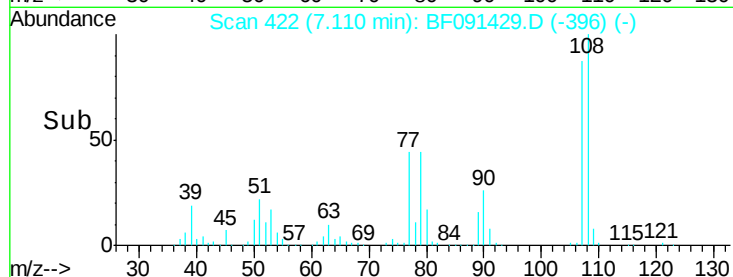
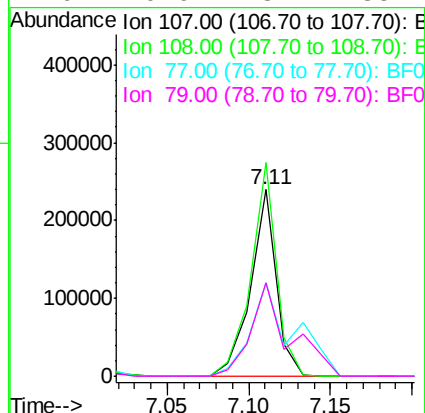
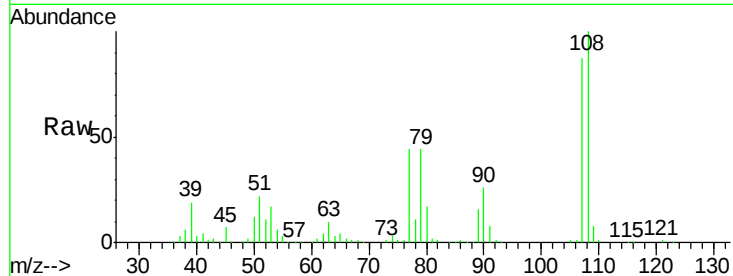
#17
2-Methylphenol
Concen: 34.28 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	261092		
108	114.3	67.7	101.5#	
77	50.3	40.7	61.1	
79	49.9	23.4	35.2#	

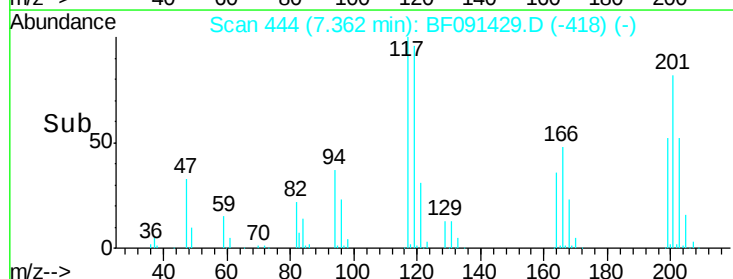
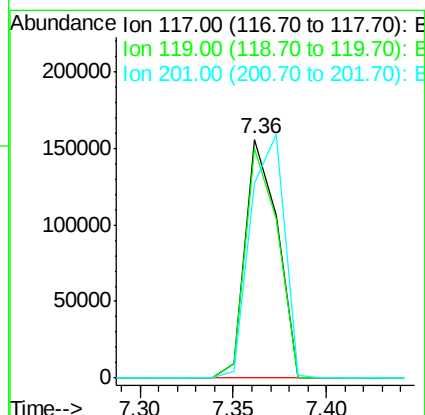
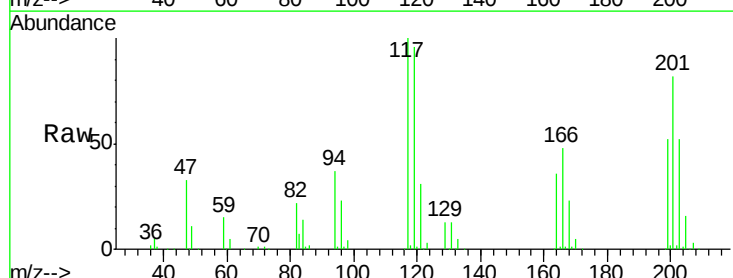
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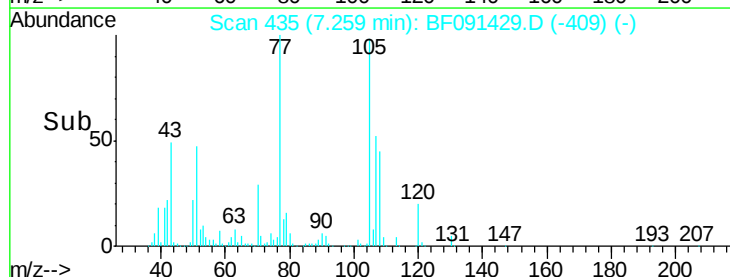
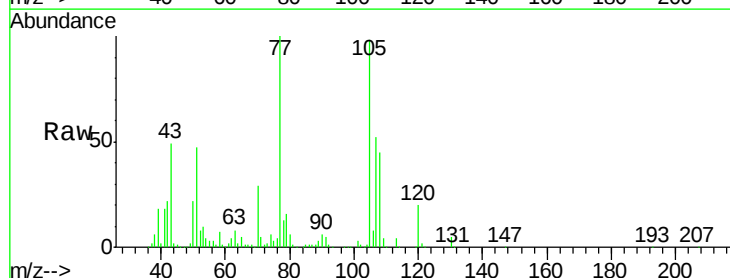
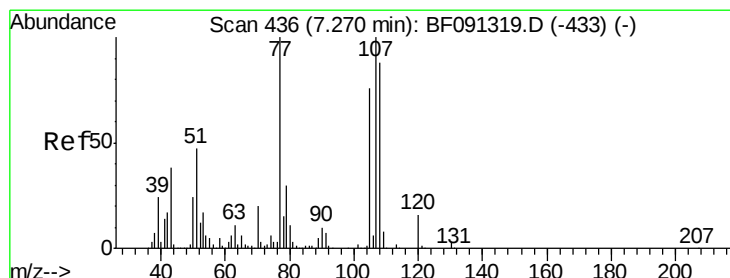
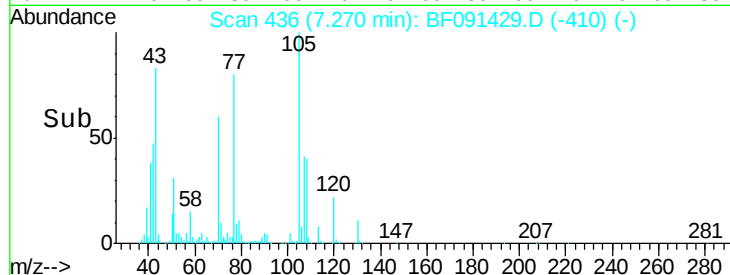
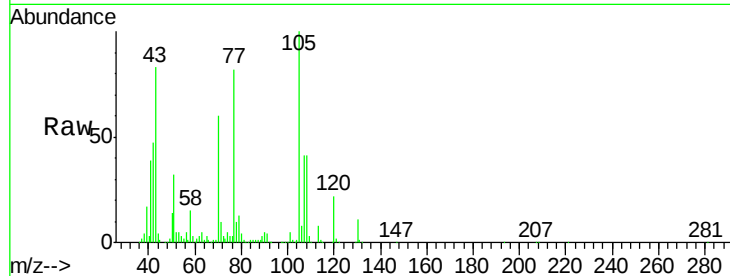
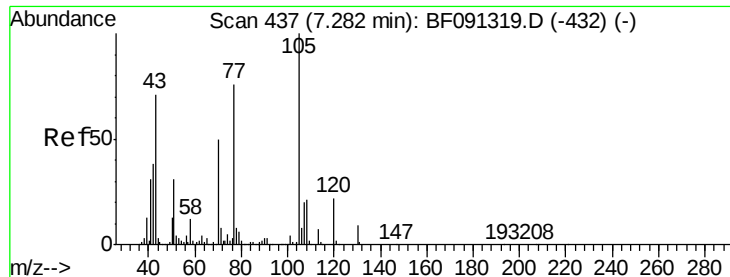
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#18
Hexachloroethane
Concen: 49.29 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	186592		
119	96.1	78.6	118.0	
201	81.8	86.7	130.1#	





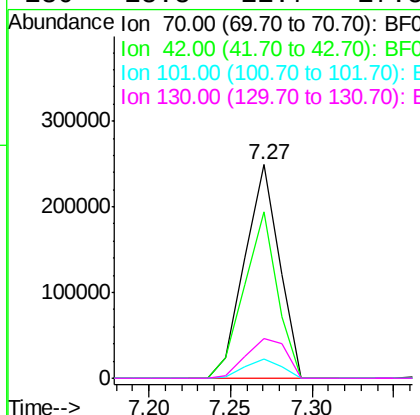
#19
n-Nitroso-di-n-propylamine
Concen: 53.80 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.9	64.8	97.2
101	8.8	6.2	9.4
130	18.8	11.7	17.5#

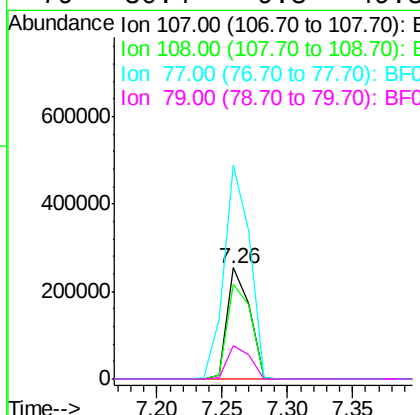
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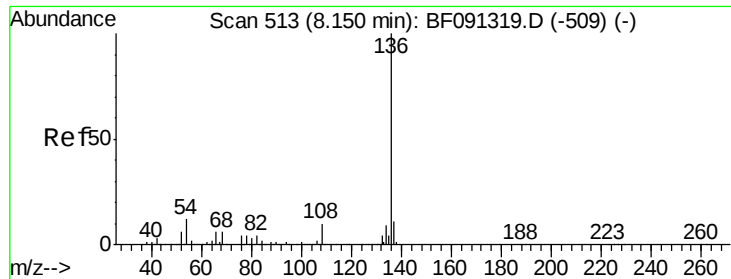
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#20
3+4-Methylphenols
Concen: 32.43 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	64.6	104.6
77	191.9	30.9	70.9#
79	30.4	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: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

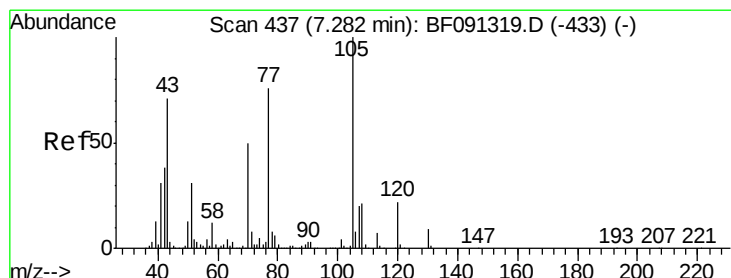
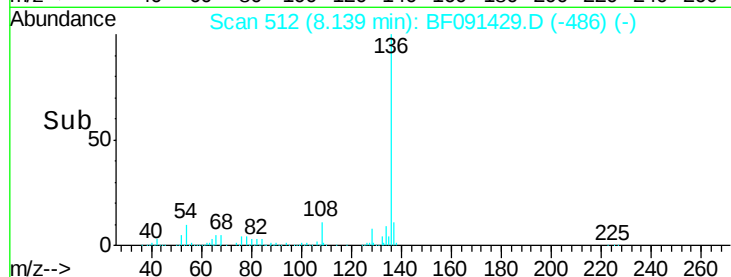
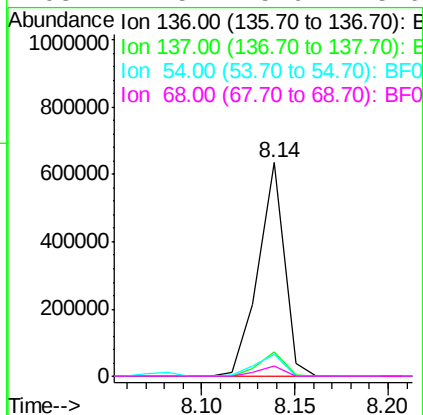
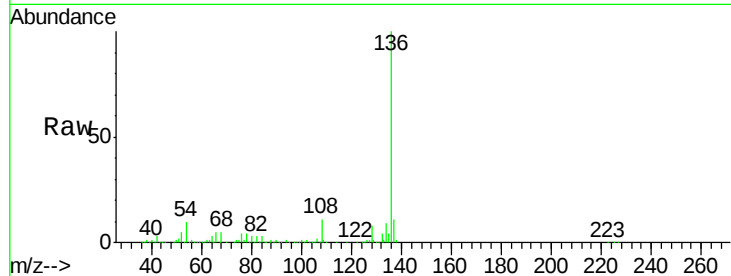
ClientSampleId :

MW-15MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		617514		
137	11.1		9.1	13.7	
54	10.3		9.1	13.7	
68	4.5		5.9	8.9#	

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#22

Acetophenone

Concen: 49.44 ng

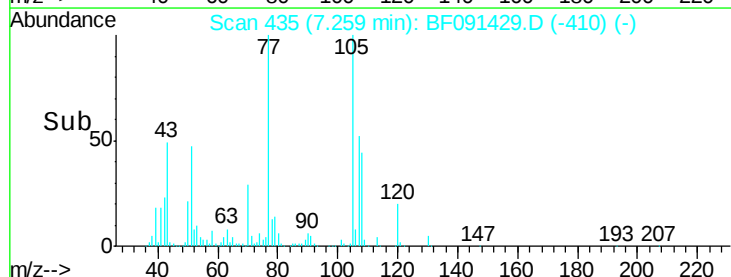
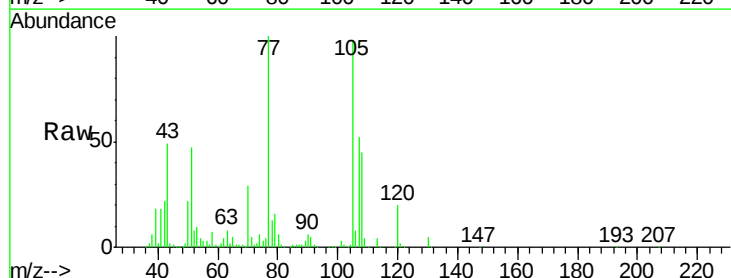
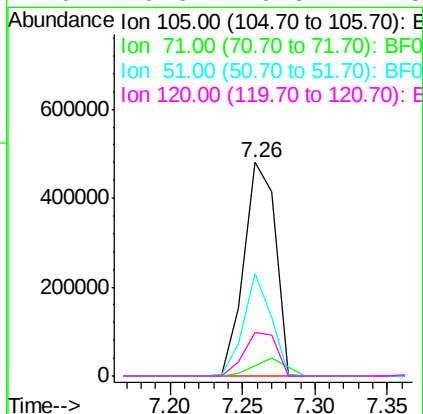
RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		723620		
71	4.7		7.9	11.9#	
51	48.0		24.5	36.7#	
120	20.6		16.6	24.8	





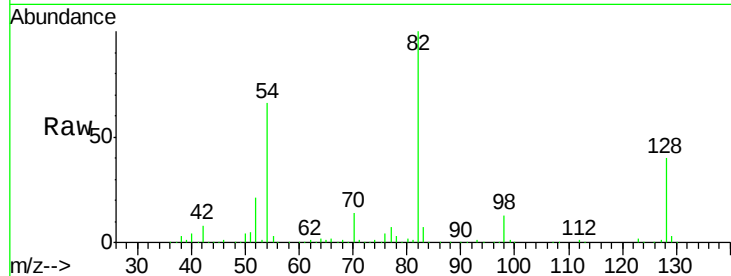
#23
 Nitrobenzene-d5
 Concen: 98.10 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleID :
 MW-15MS

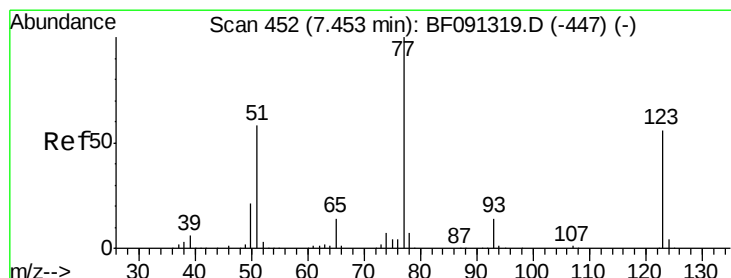
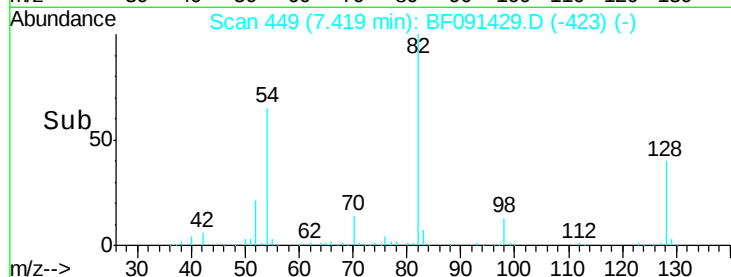
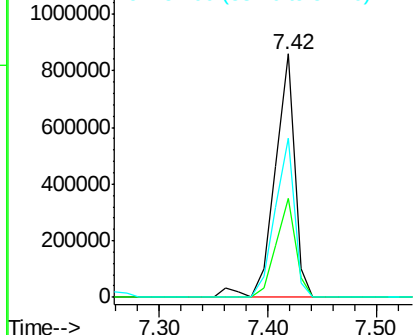
Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	40.4	31.8	47.6	
54	65.6	49.1	73.7	

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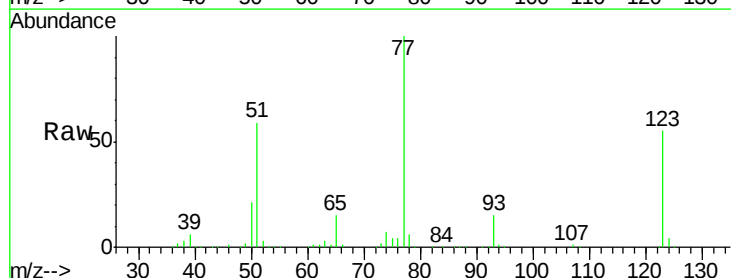


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

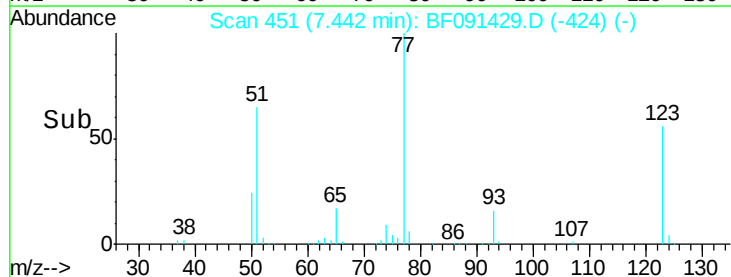
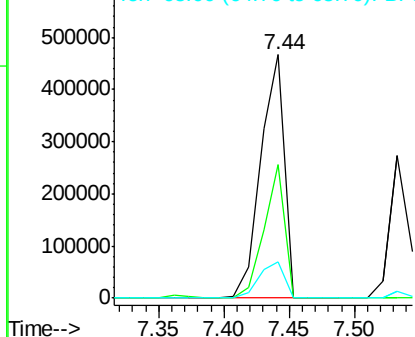


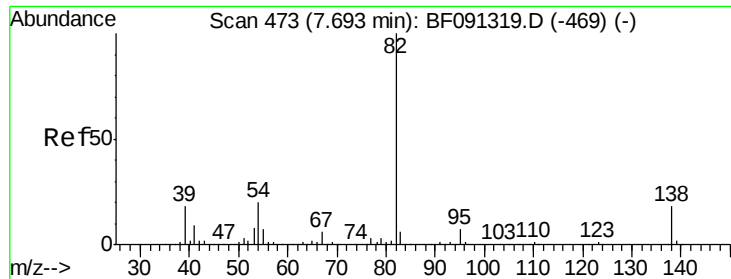
#24
 Nitrobenzene
 Concen: 52.08 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.01 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
123	54.6	28.5	42.7#	
65	14.8	12.5	18.7	



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





#25

Isophorone

Concen: 53.86 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampled :

MW-15MS

Tot Ion: 82 Resp: 1051479

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

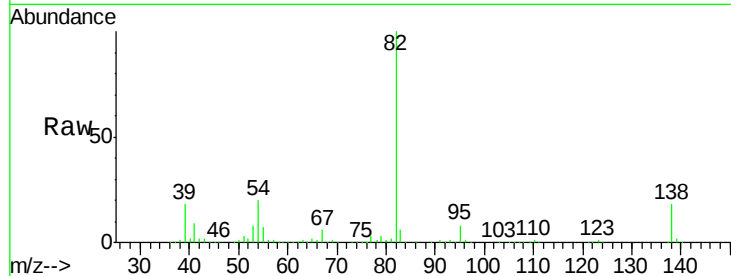
138 17.9 13.4 20.0

Manual Integrations

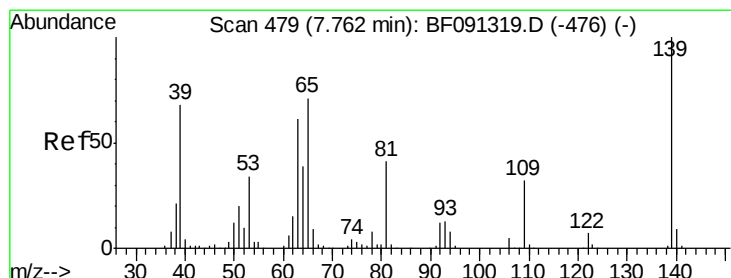
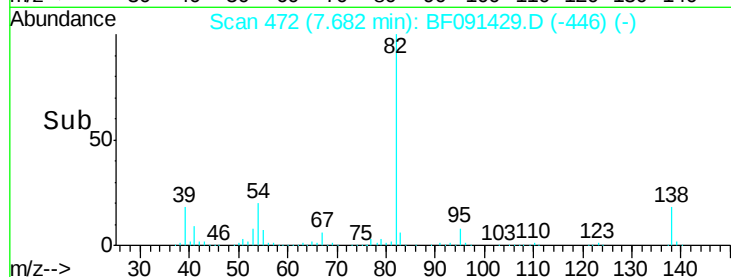
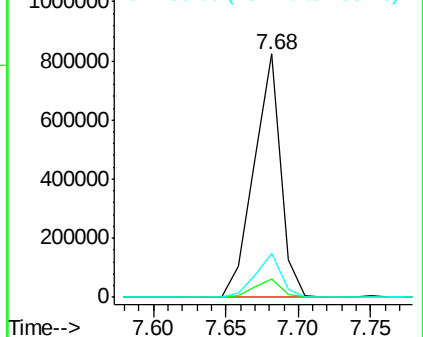
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.66 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

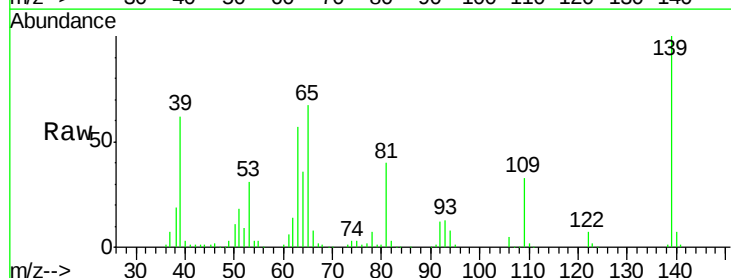
Tgt Ion: 139 Resp: 239891

Ion Ratio Lower Upper

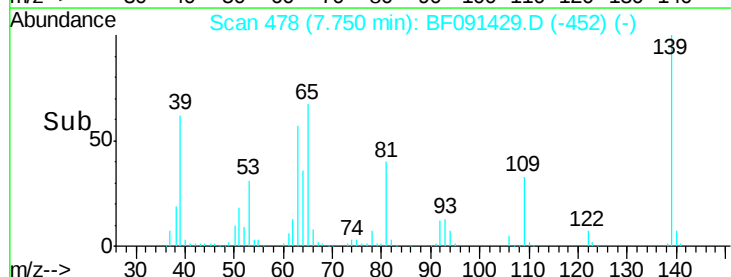
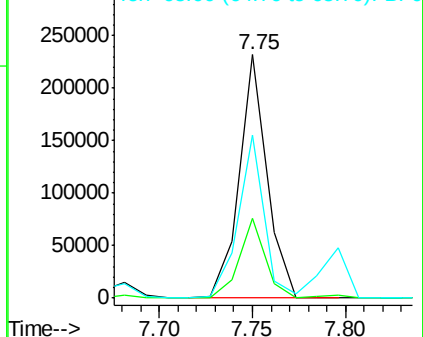
139 100

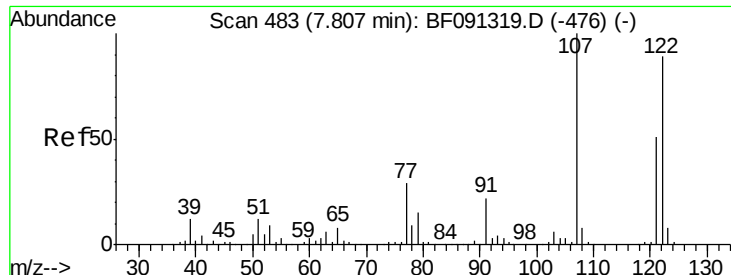
109 33.0 25.3 37.9

65 67.2 55.4 83.2



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





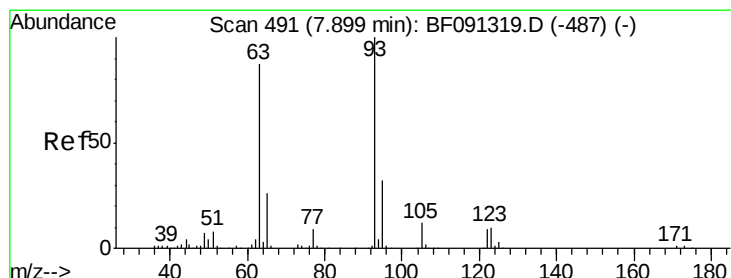
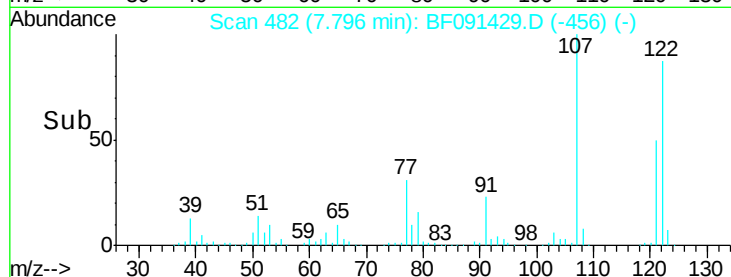
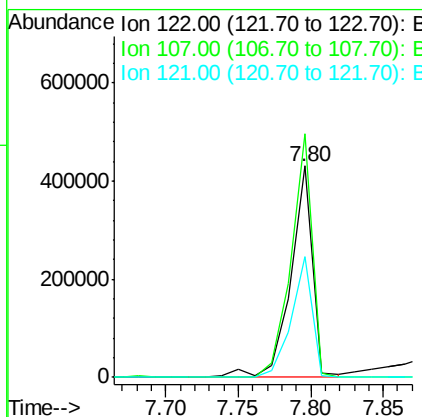
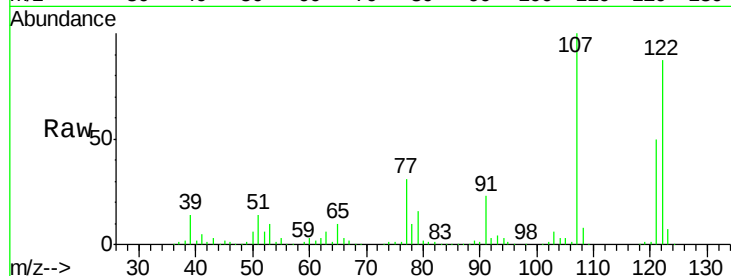
#27
2,4-Dimethylphenol
Concen: 46.48 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	96.8	145.2
121	57.3	47.7	71.5

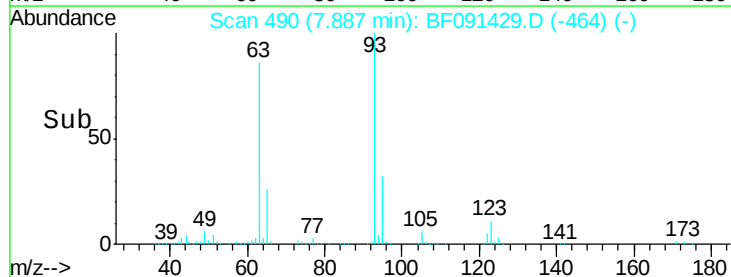
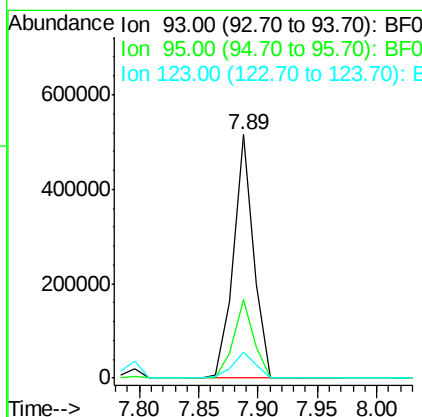
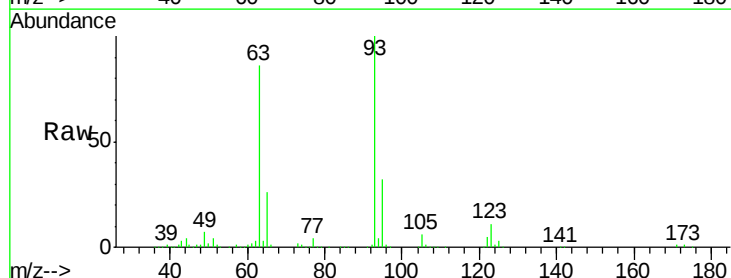
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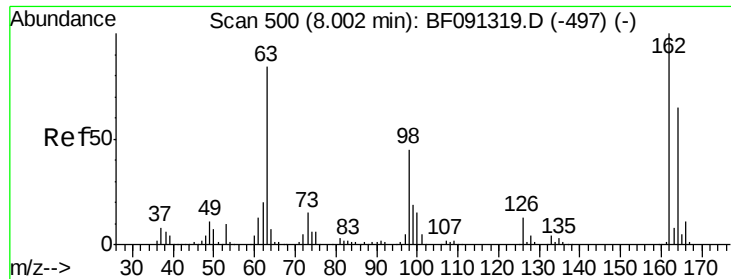
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#28
bis(2-Chloroethoxy)methane
Concen: 51.45 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	10.5	8.6	12.8





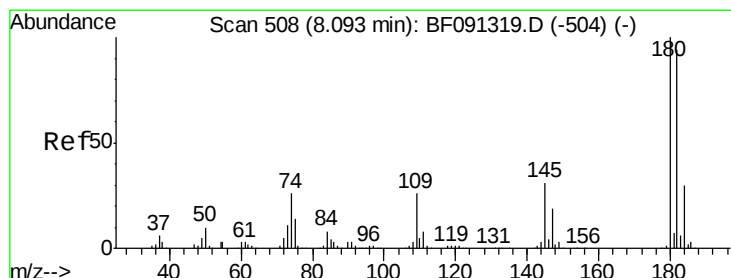
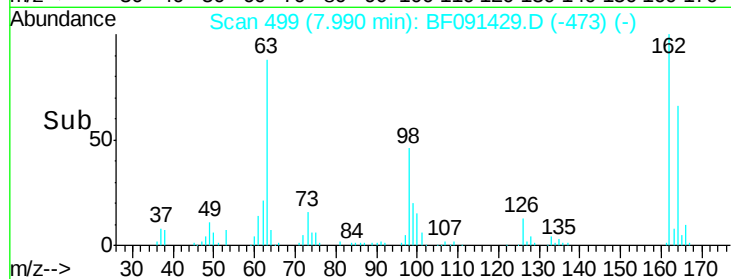
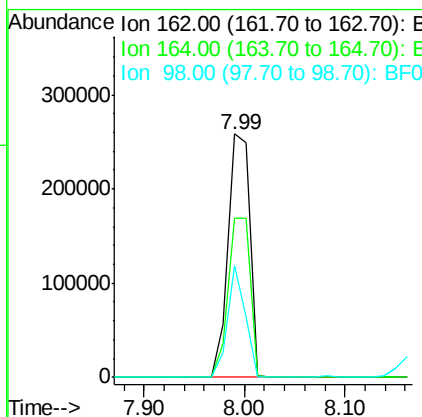
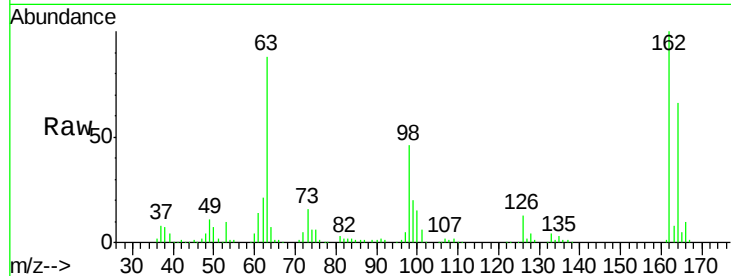
#29
 2,4-Dichlorophenol
 Concen: 46.26 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	391399		
164	65.6	45.0	85.0	
98	45.7	21.3	61.3	

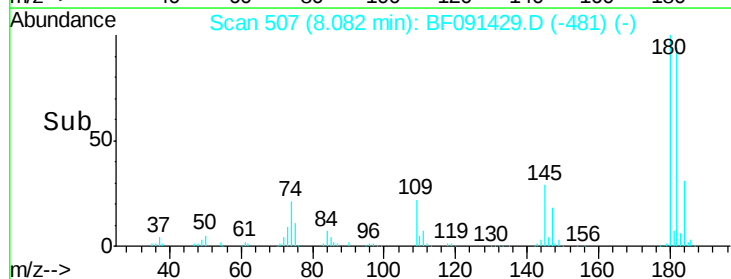
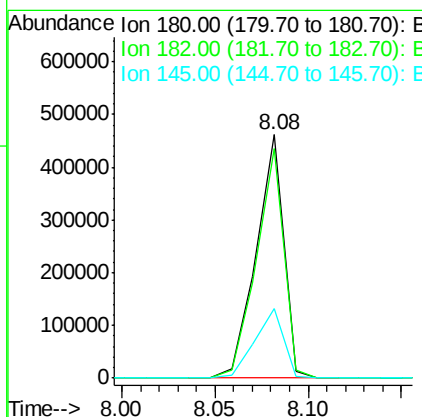
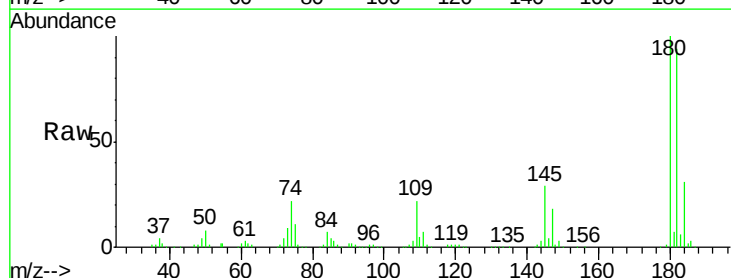
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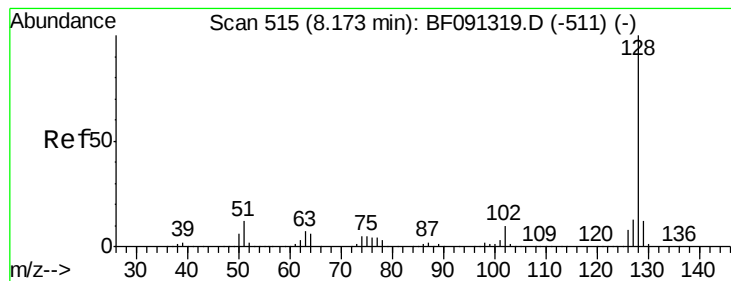
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.65 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	470903		
182	94.2	75.8	113.8	
145	28.8	27.0	40.4	





#31

Naphthalene

Concen: 51.56 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

Tot Ion:128 Resp: 1513135

Ion Ratio Lower Upper

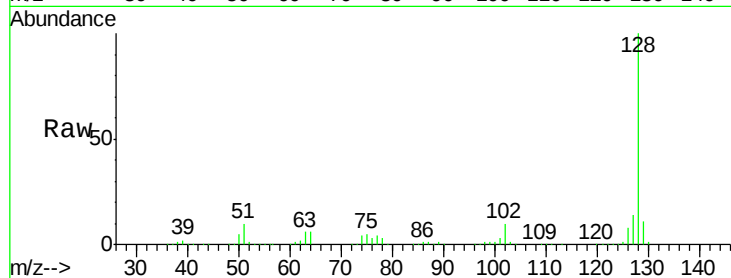
128 100

129 11.4 9.1 13.7

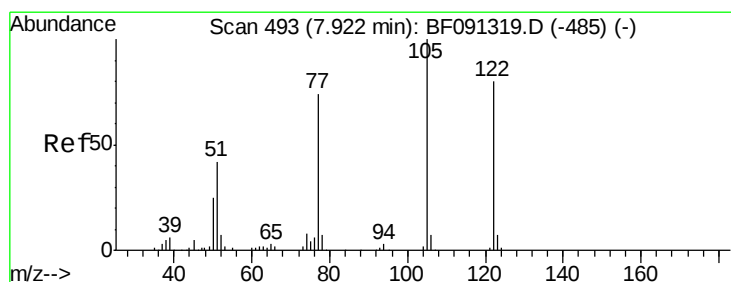
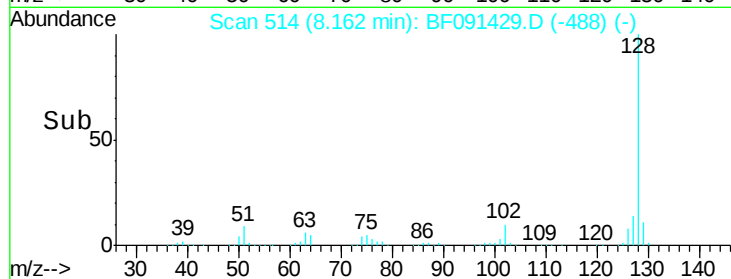
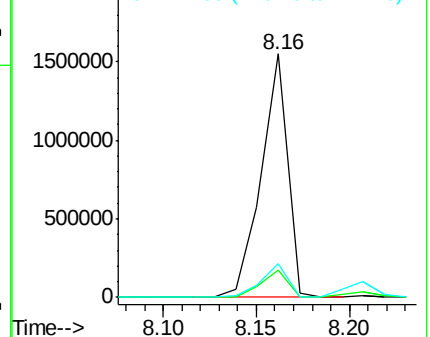
127 13.6 11.0 16.4

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



#32

Benzoic acid

Concen: 14.19 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

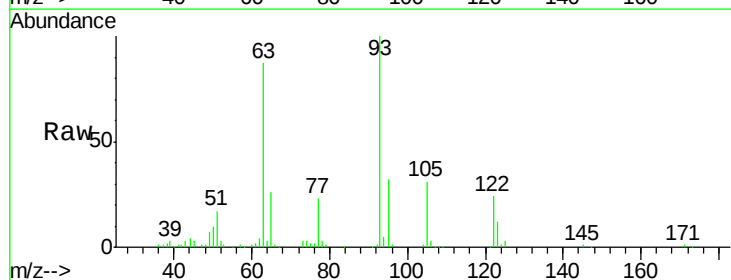
Tgt Ion:122 Resp: 100595

Ion Ratio Lower Upper

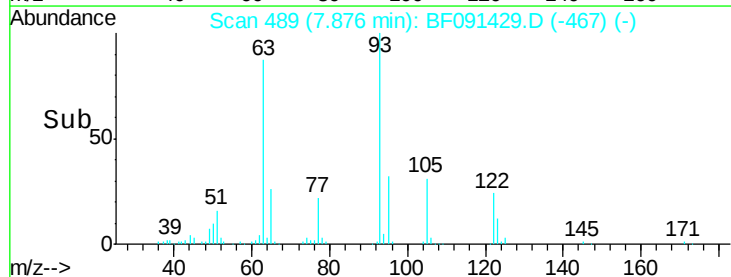
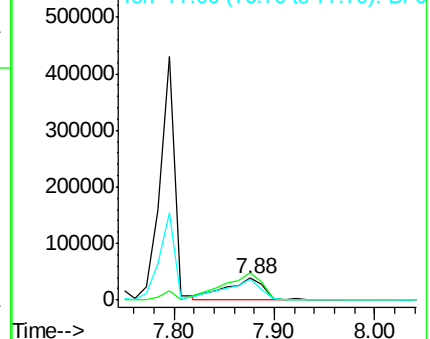
122 100

105 125.2 113.0 153.0

77 95.6 82.0 122.0



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





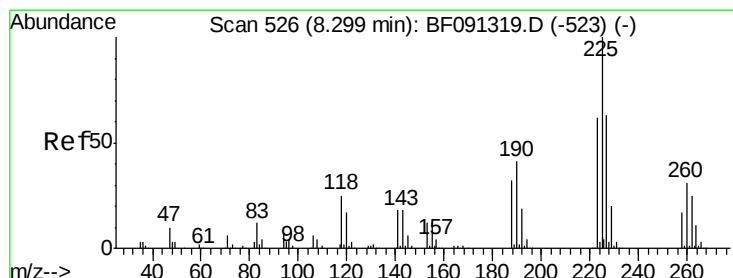
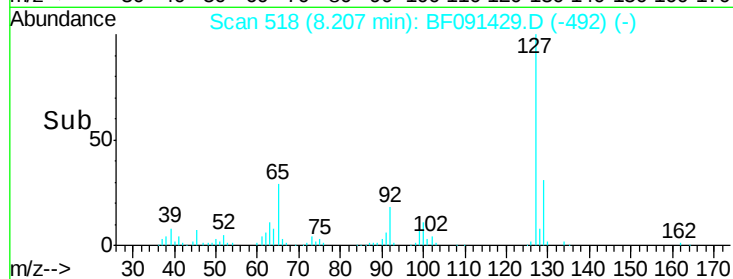
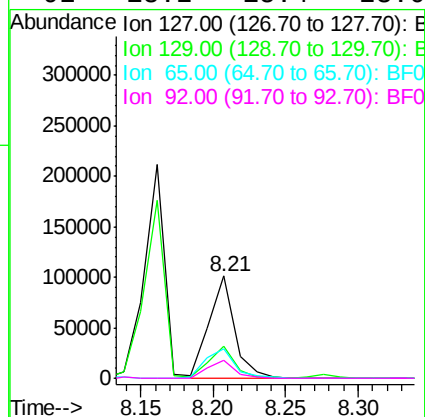
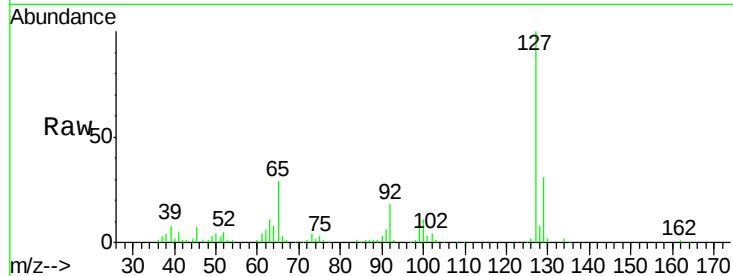
#33
4-Chloroaniline
Concen: 9.84 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.2	39.4		
65	29.2	26.6	39.8		
92	18.2	15.4	23.0		

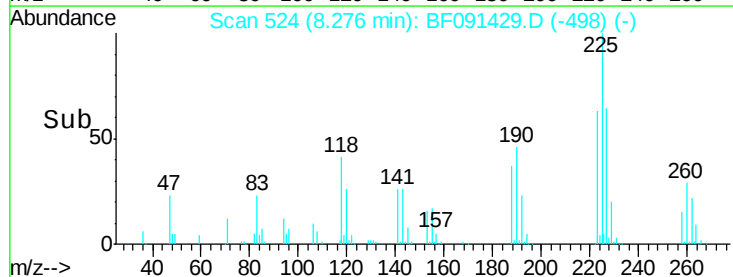
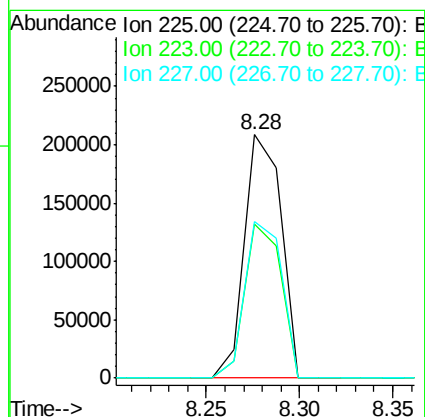
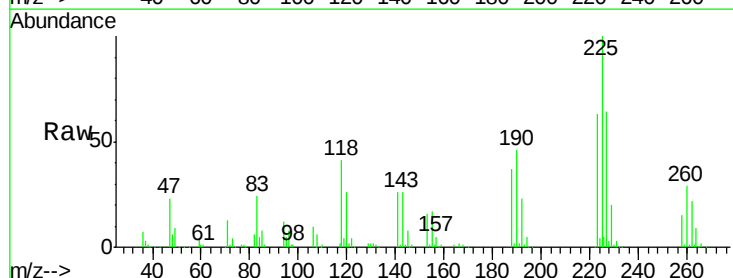
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#34
Hexachlorobutadiene
Concen: 48.69 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	49.8	74.6		
227	64.3	52.6	79.0		





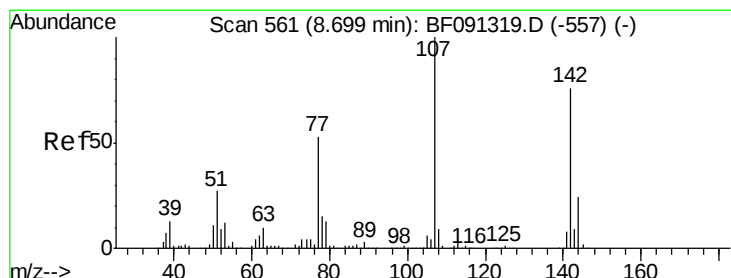
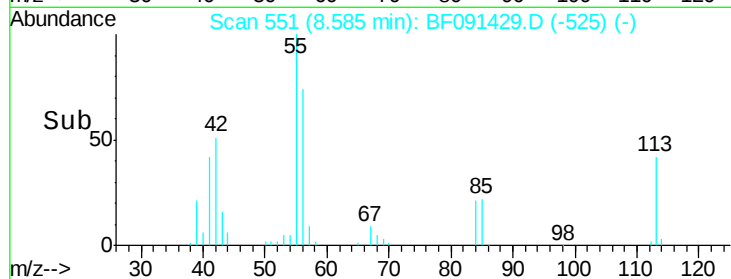
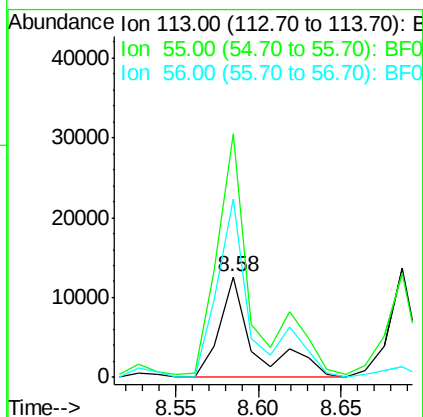
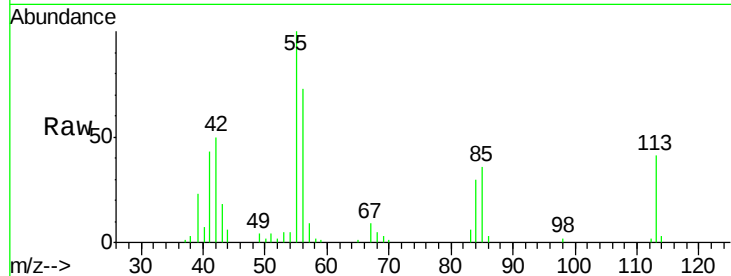
#35
 Caprolactam
 Concen: 7.71 ng/ml
 RT: 8.58 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	241.3	239.8	279.8
56	177.1	165.6	205.6

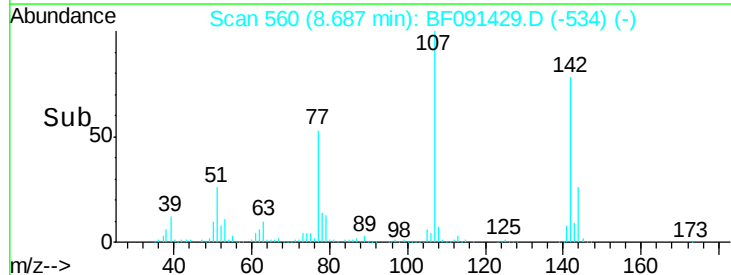
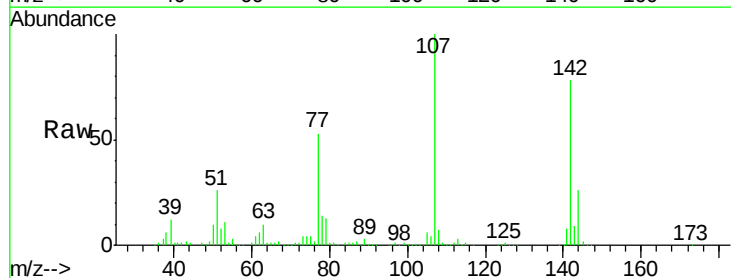
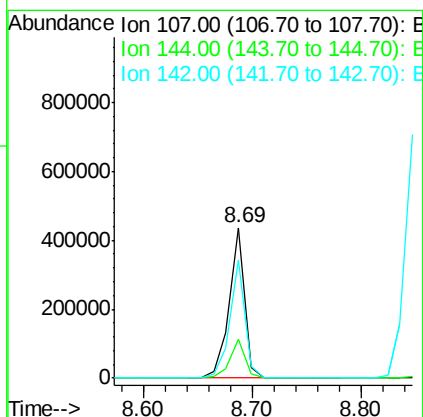
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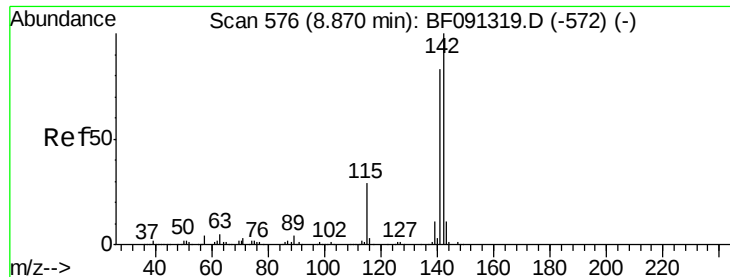
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#36
 4-Chloro-3-methylphenol
 Concen: 46.67 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	18.9	28.3
142	78.3	58.5	87.7





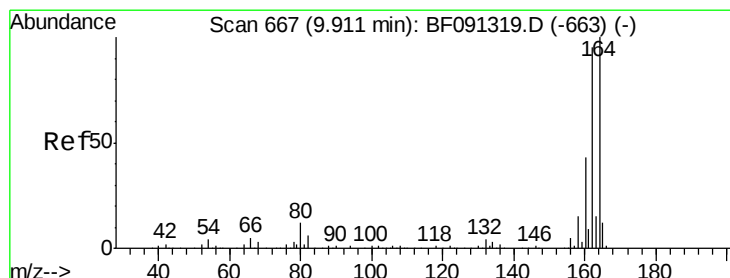
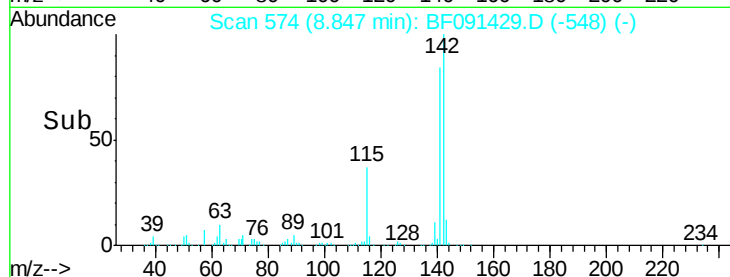
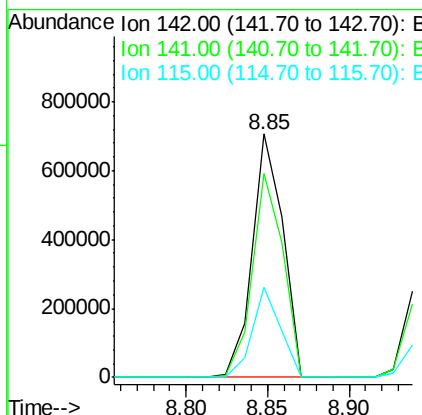
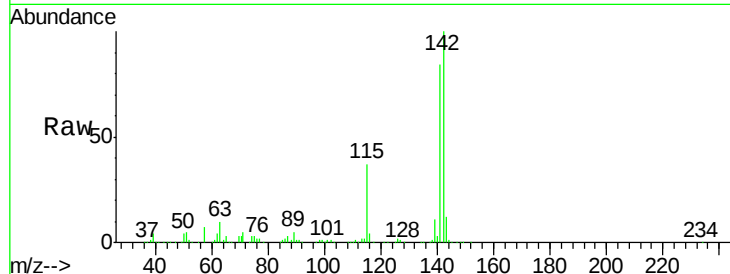
#37
2-Methylnaphthalene
Concen: 46.02 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.5	71.7	107.5
115	36.7	25.0	37.6

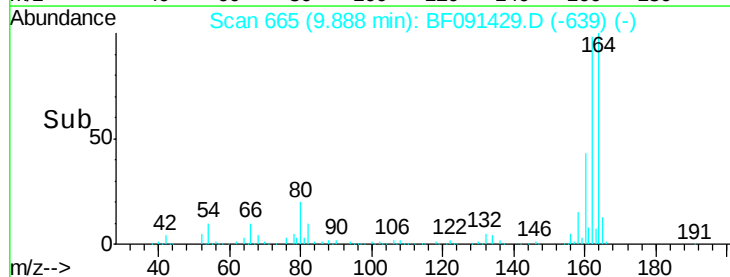
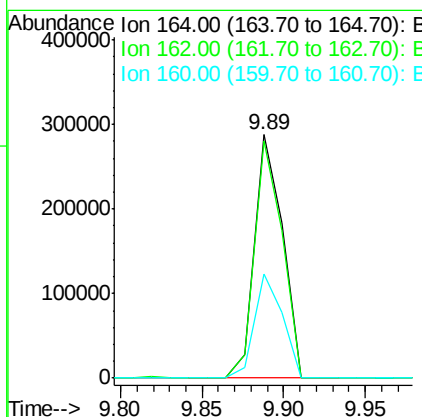
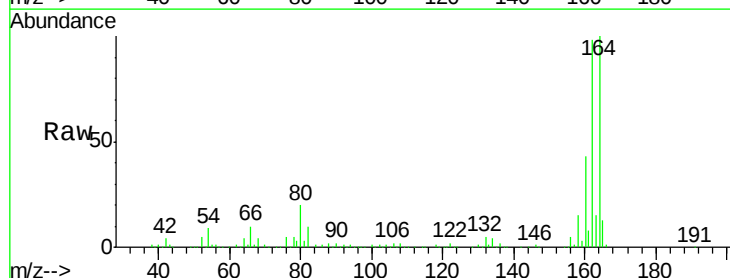
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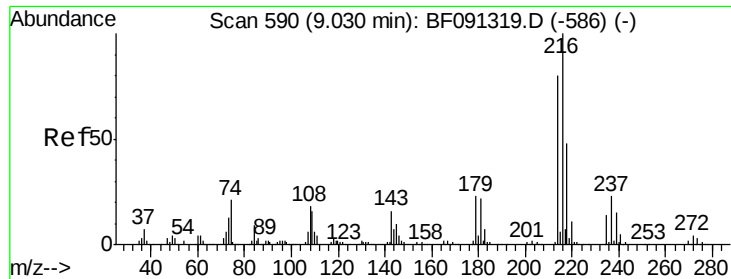
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	82.6	124.0
160	42.8	36.7	55.1





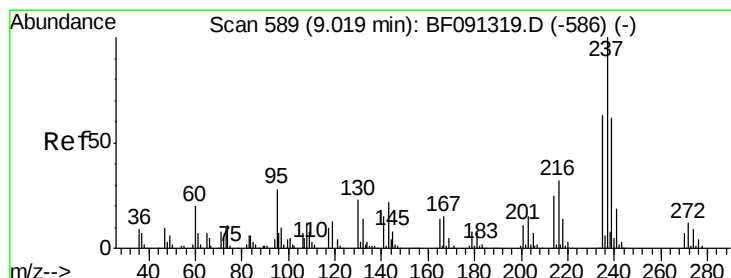
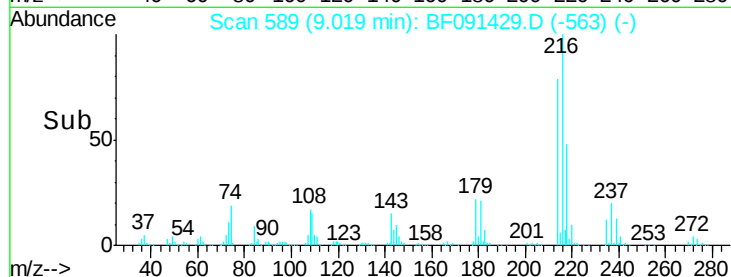
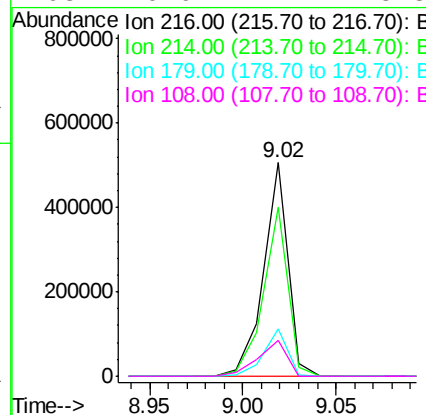
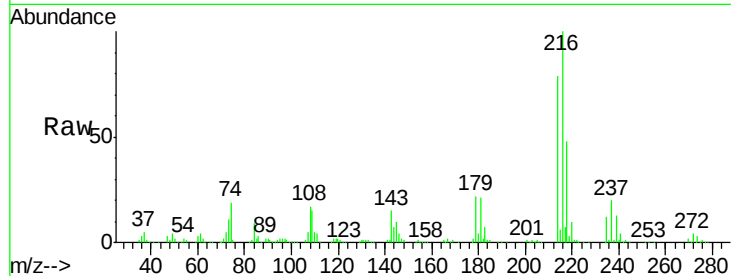
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.87 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tot Ion:	216	Resp:	464221
Ion Ratio		Lower	Upper
216	100		
214	79.4	63.8	95.8
179	22.1	18.2	27.2
108	19.9	17.2	25.8

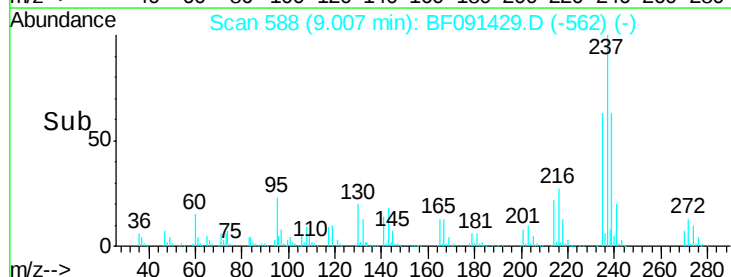
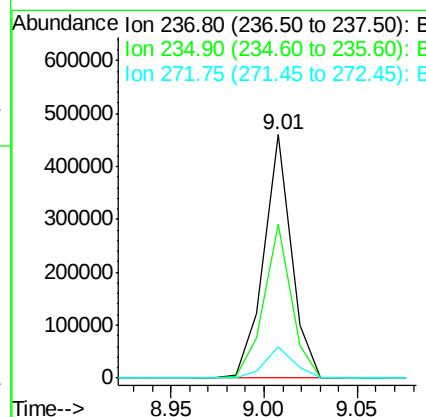
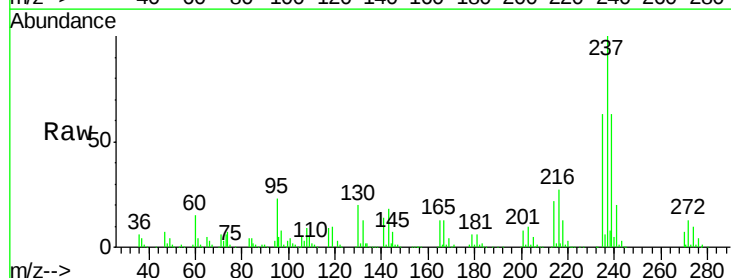
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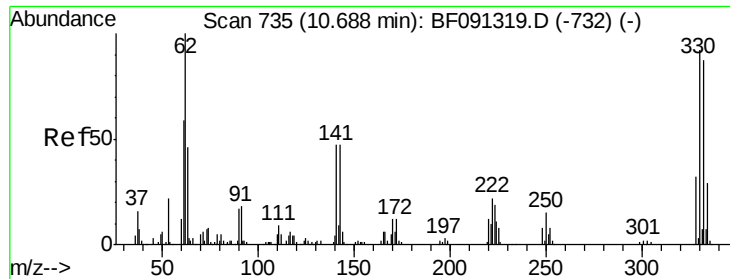
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#40
 Hexachlorocyclopentadiene
 Concen: 104.79 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:	237	Resp:	471049
Ion Ratio		Lower	Upper
237	100		
235	63.1	43.9	83.9
272	13.0	0.0	33.1





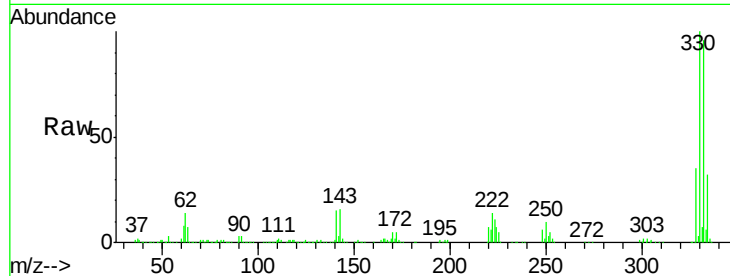
#41
 2,4,6-Tribromophenol
 Concen: 177.11 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

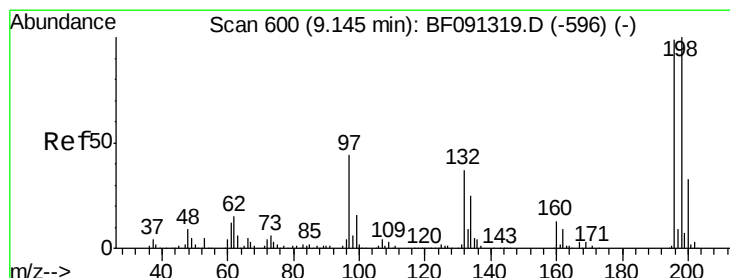
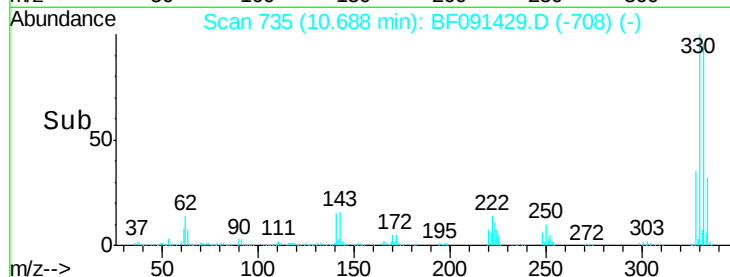
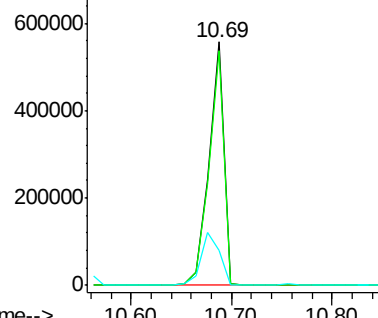
Tot Ion	Ratio	Resp	Lower	Upper
330	100	576769		
332	96.6	76.2	114.4	
141	27.1	33.6	50.4	

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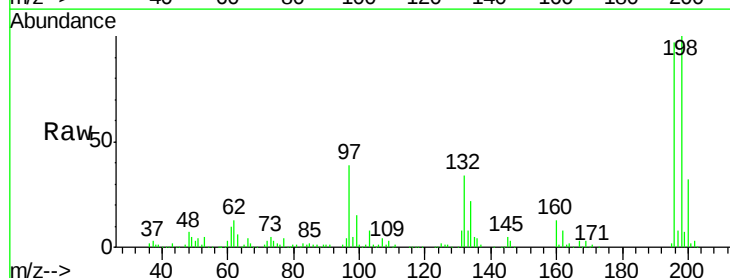


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

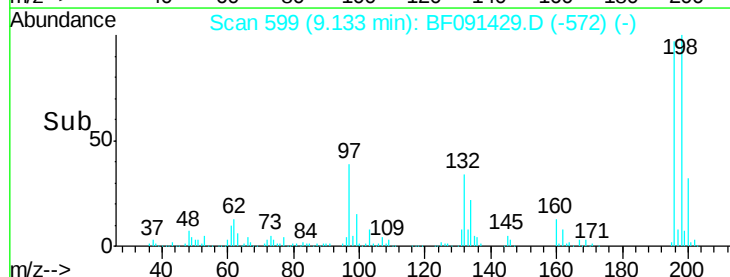
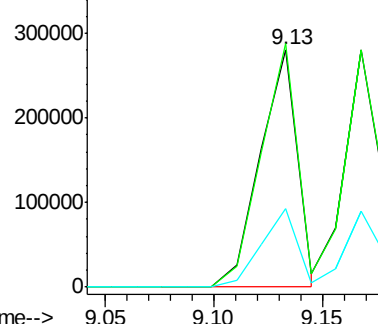


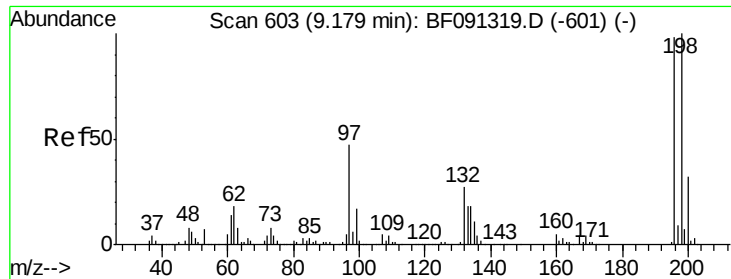
#42
 2,4,6-Trichlorophenol
 Concen: 52.99 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	333958		
198	102.6	77.4	116.0	
200	33.2	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





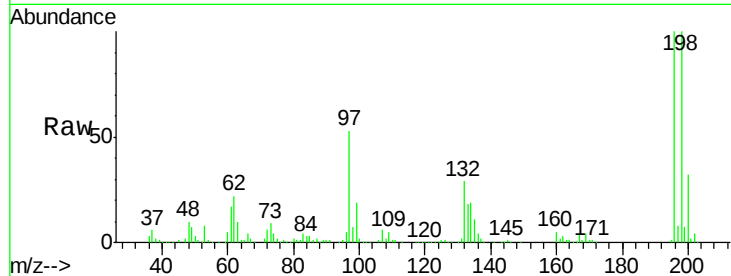
#43
 2,4,5-Trichlorophenol
 Concen: 50.60 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

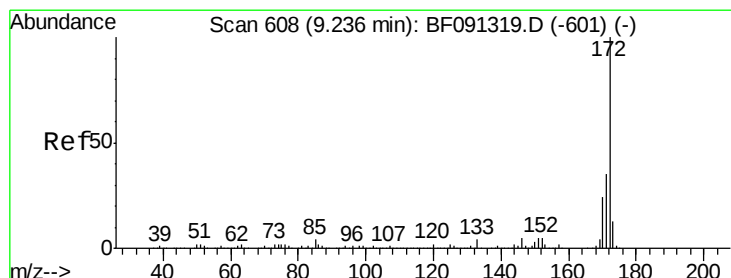
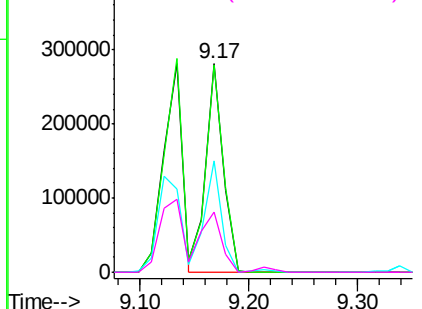
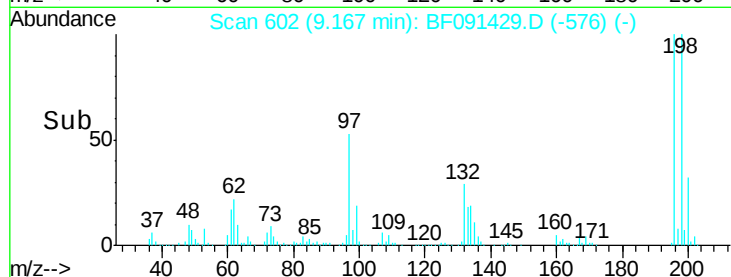
Tot Ion	196	Resp	319595
Ion Ratio	Lower	Upper	
196	100		
198	99.8	77.0	115.6
97	53.5	33.5	50.3#
132	28.8	20.5	30.7

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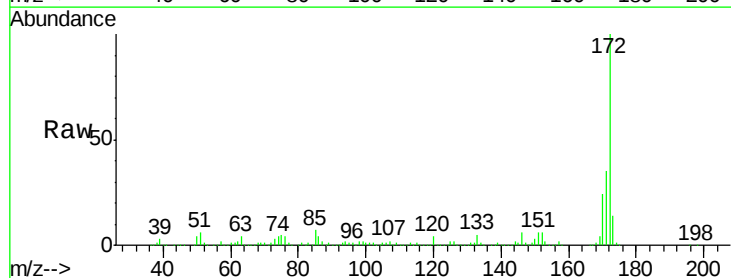


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

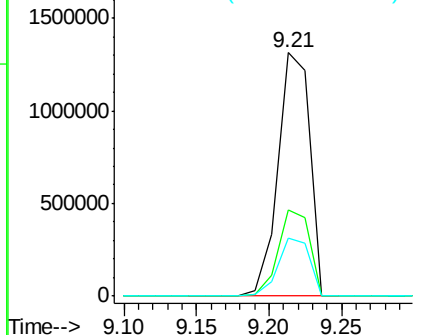
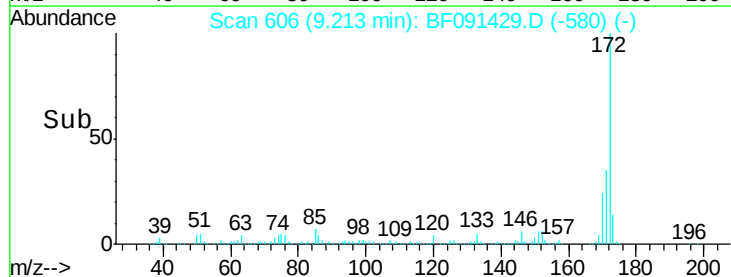


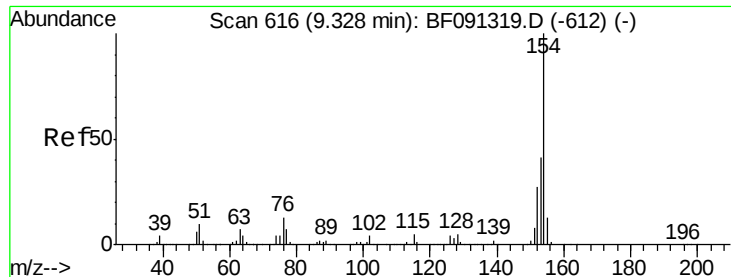
#44
 2-Fluorobiphenyl
 Concen: 104.44 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	172	Resp	1984142
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.4	44.0
170	24.1	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: 45.70 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

Tot Ion:154 Resp: 1130490

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

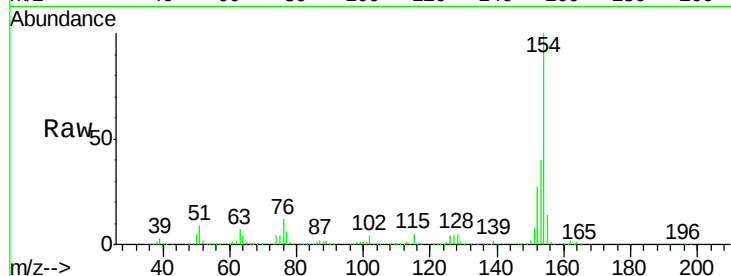
76 12.0 0.0 36.6

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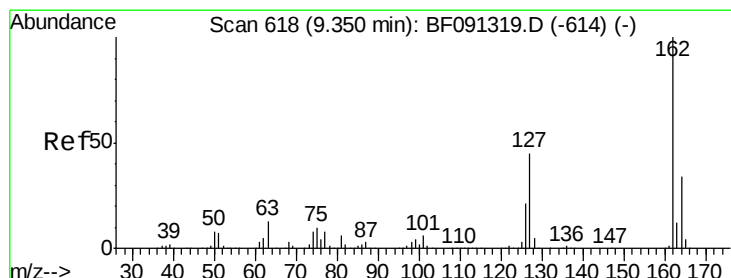
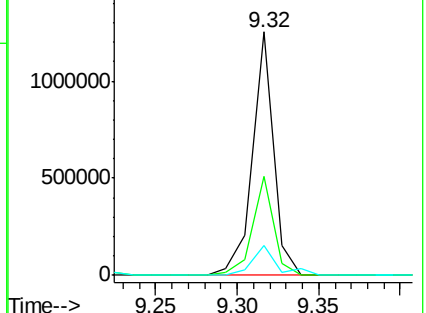
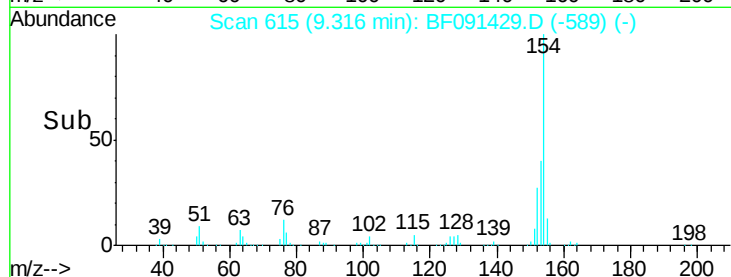
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.18 ng

RT: 9.34 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

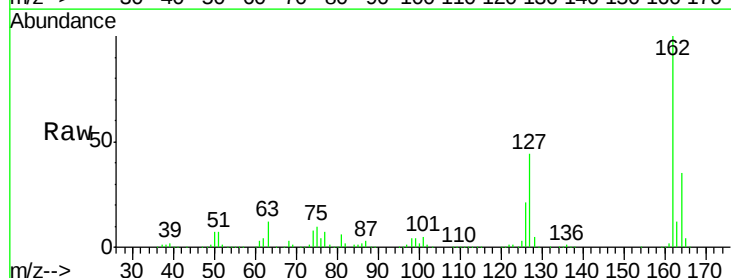
Tgt Ion:162 Resp: 832252

Ion Ratio Lower Upper

162 100

127 43.6 34.3 51.5

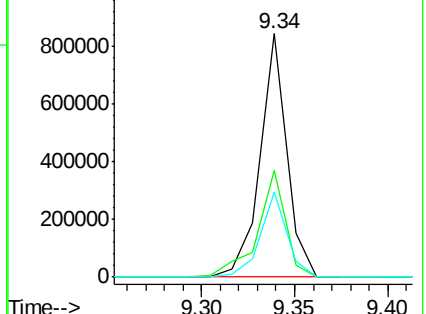
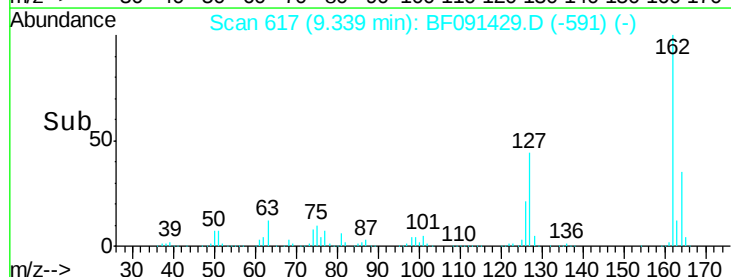
164 35.1 26.6 40.0

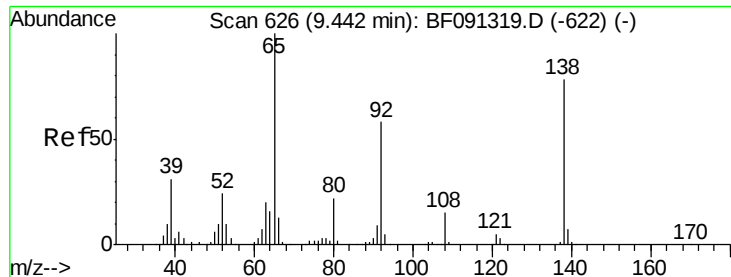


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





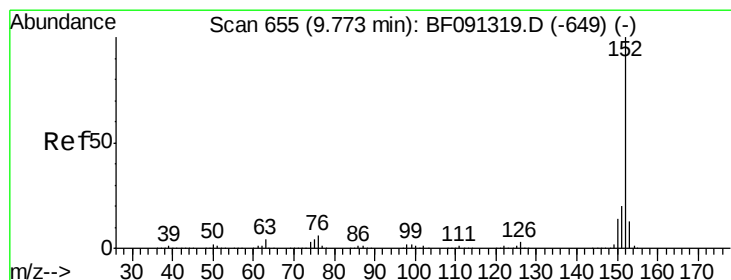
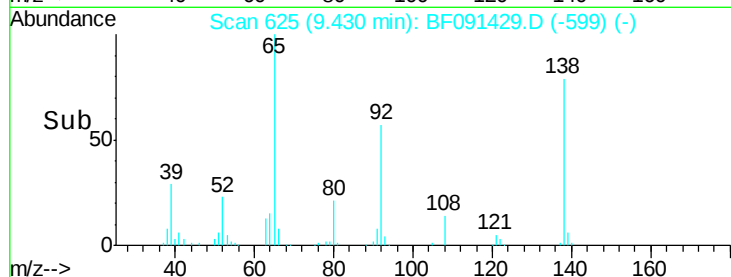
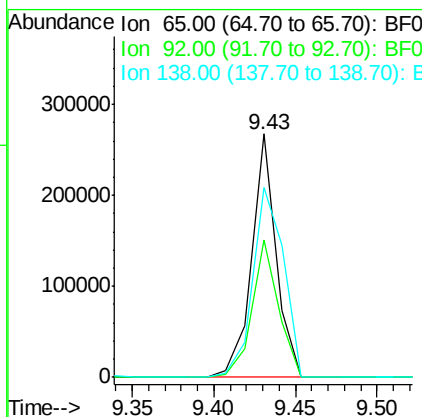
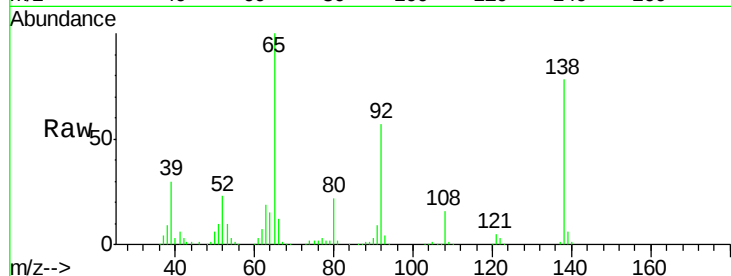
#47
2-Nitroaniline
Concen: 42.02 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.6	53.6	80.4
138	78.2	91.0	136.6

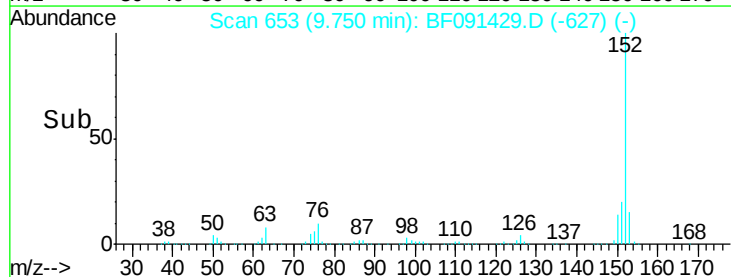
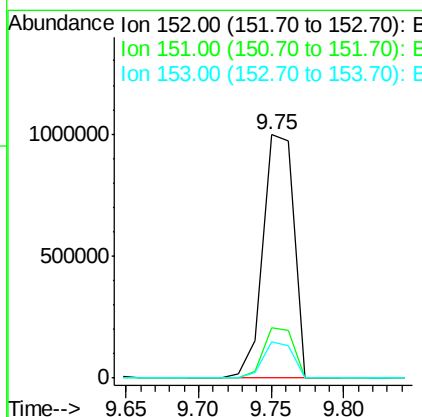
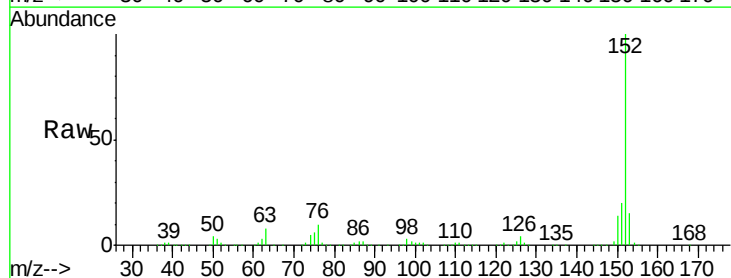
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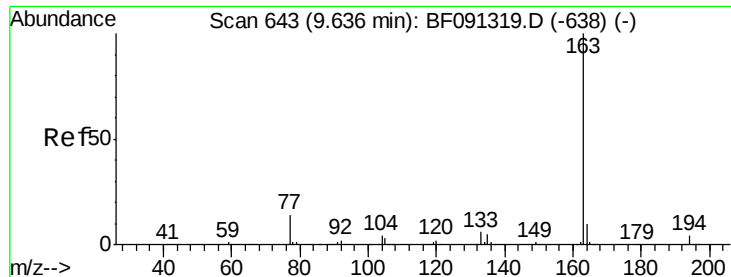
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#48
Acenaphthylene
Concen: 50.74 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	14.8	10.7	16.1





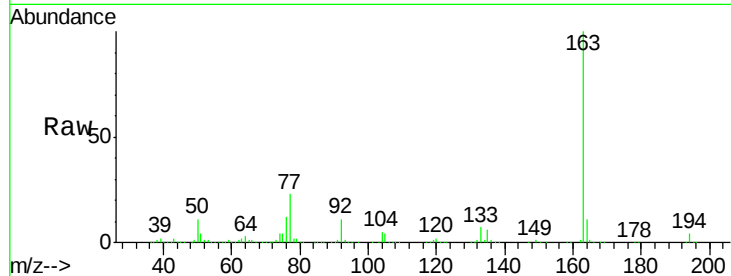
#49
Dimethylphthalate
Concen: 52.05 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	11.2	7.8	11.8

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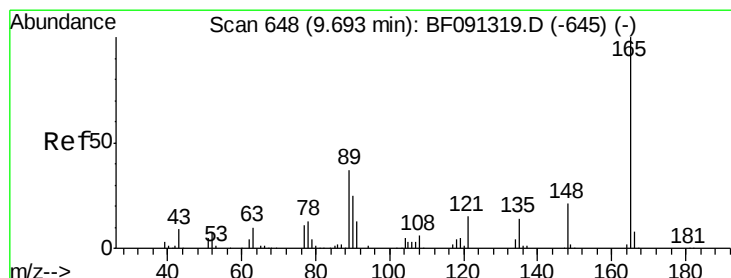
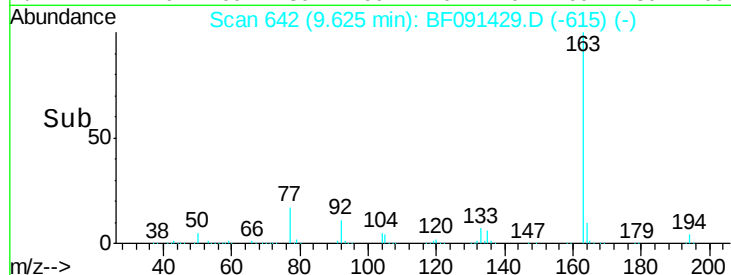
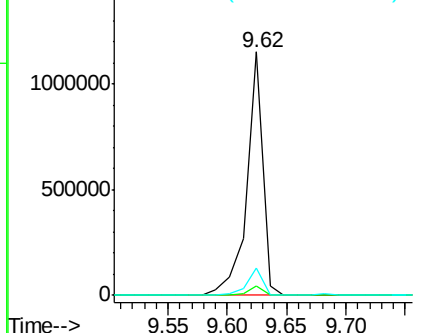


Abundance

Ion 163.00 (162.70 to 163.70): E

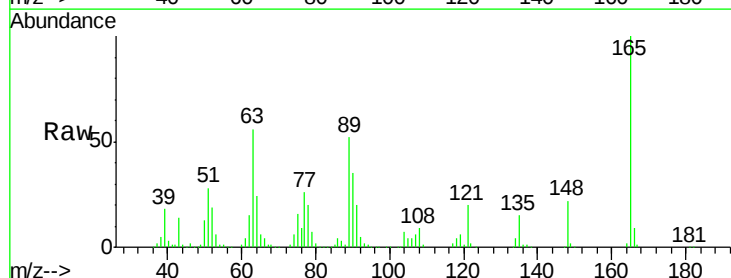
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 60.52 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.3	59.4	89.0#
89	51.7	50.8	76.2

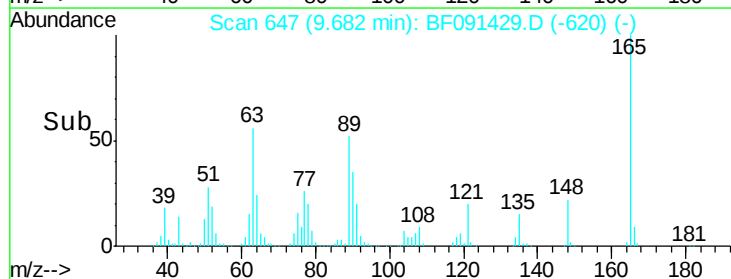
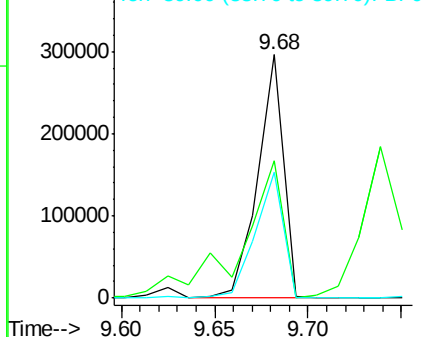


Abundance

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: 57.16 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

Tot Ion:154 Resp: 1118052

Ion Ratio Lower Upper

154 100

153 111.0 91.0 136.6

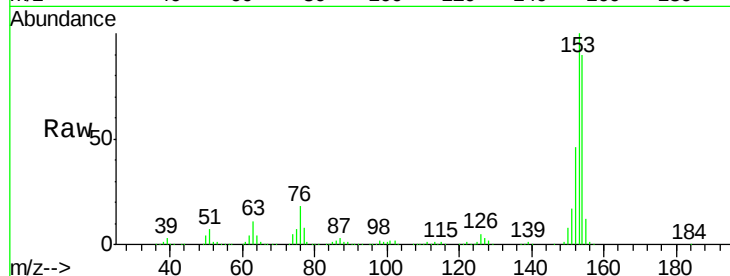
152 50.7 44.2 66.2

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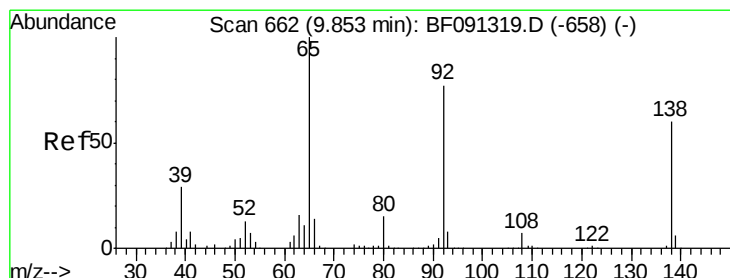
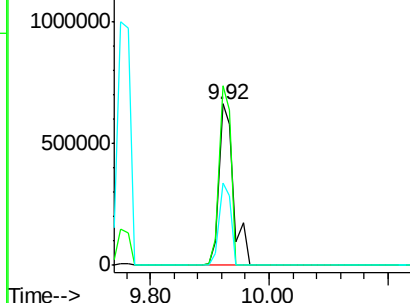
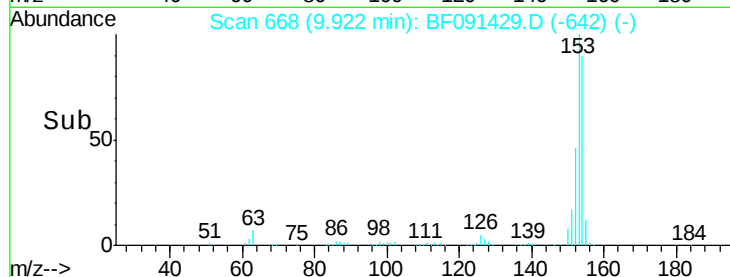
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.61 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

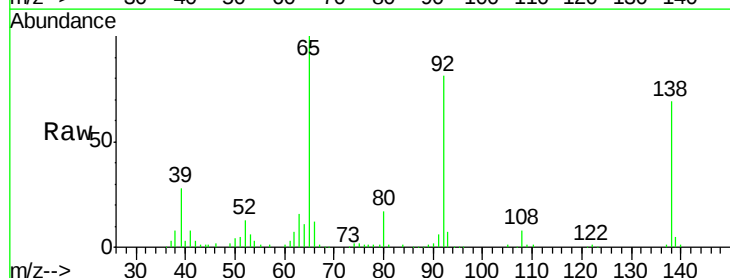
Tgt Ion:138 Resp: 67960

Ion Ratio Lower Upper

138 100

108 11.5 8.1 12.1

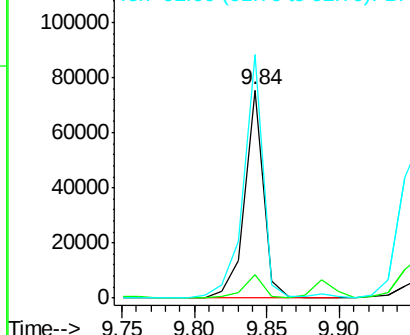
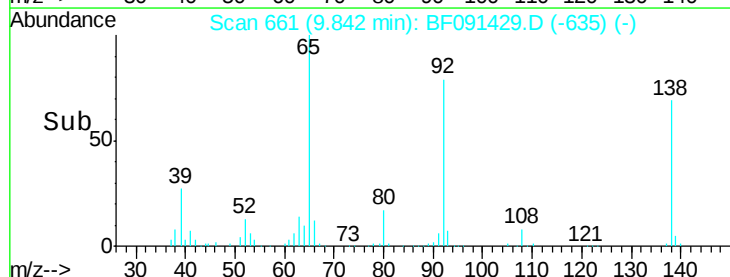
92 116.9 92.5 138.7

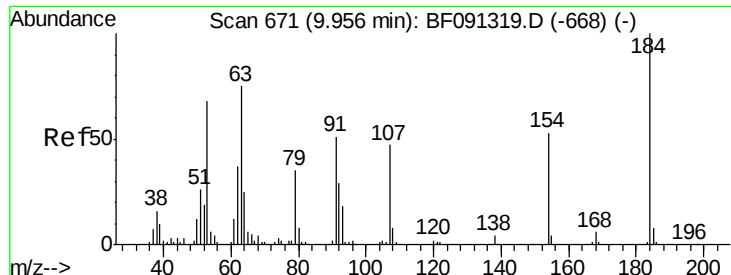


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





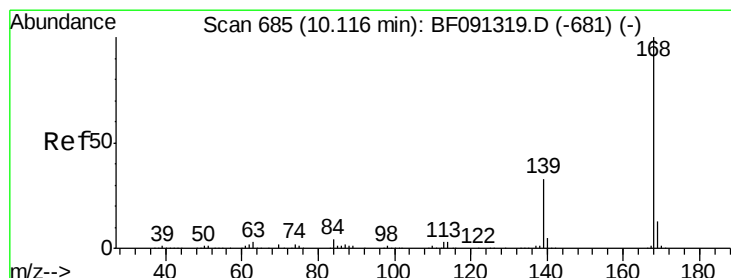
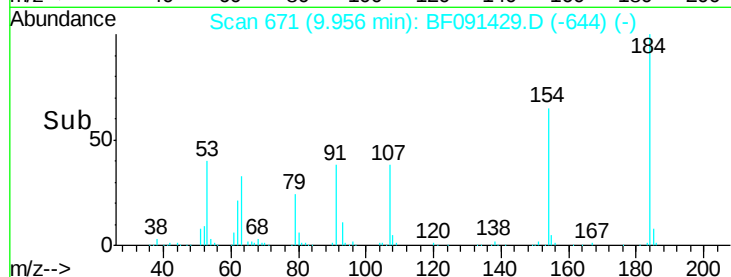
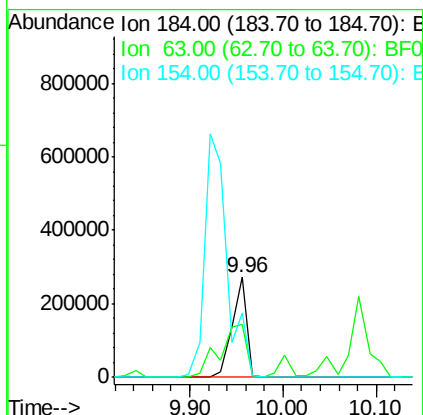
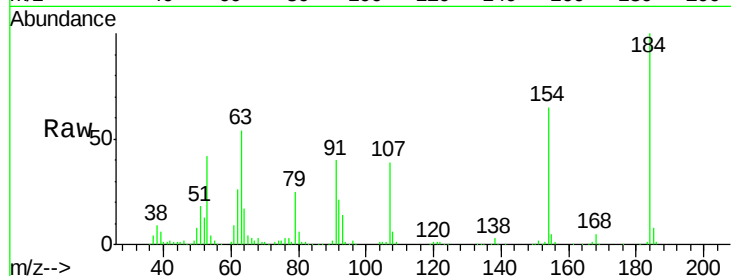
#53
2,4-Dinitrophenol
Concen: 145.86 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	296942		
63	53.6	58.3	87.5#	
154	65.0	48.6	73.0	

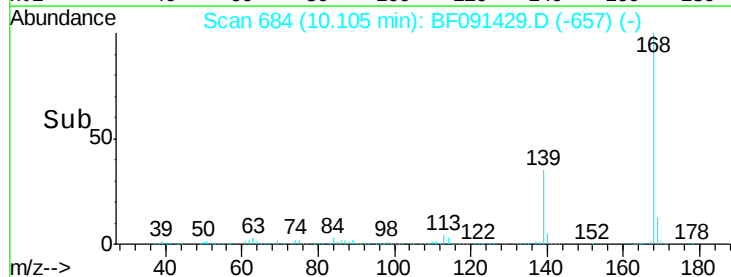
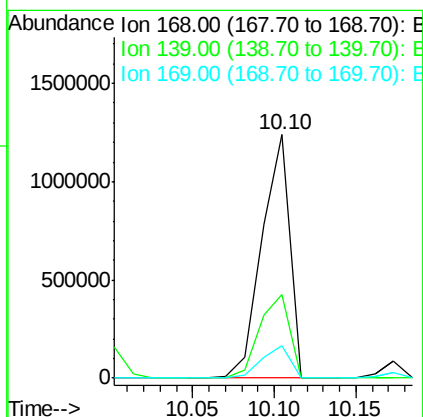
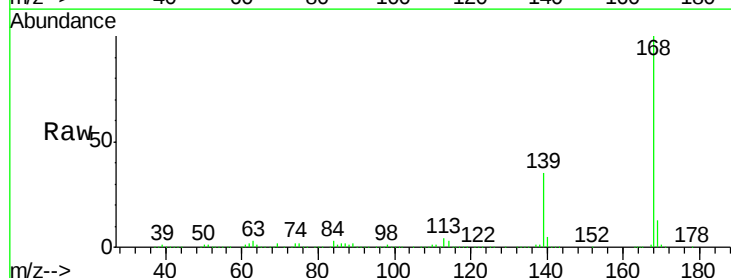
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#54
Dibenzofuran
Concen: 56.01 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1466683		
139	34.5	33.4	50.2	
169	13.2	11.1	16.7	





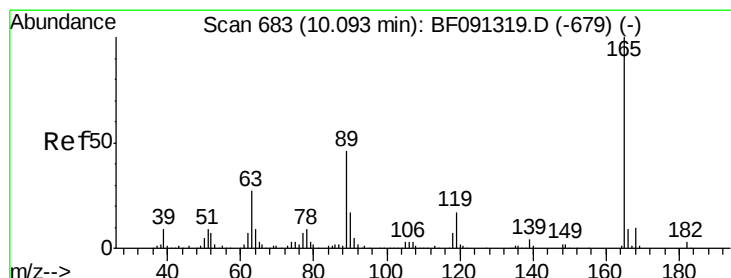
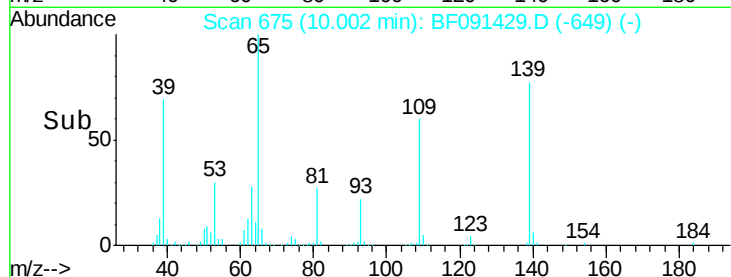
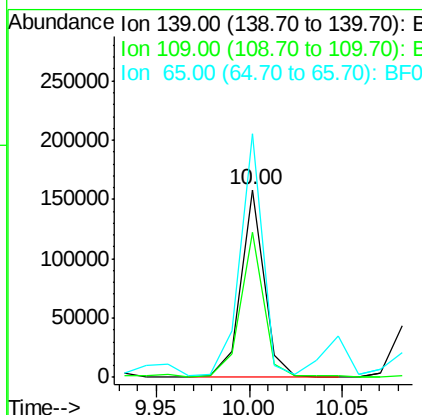
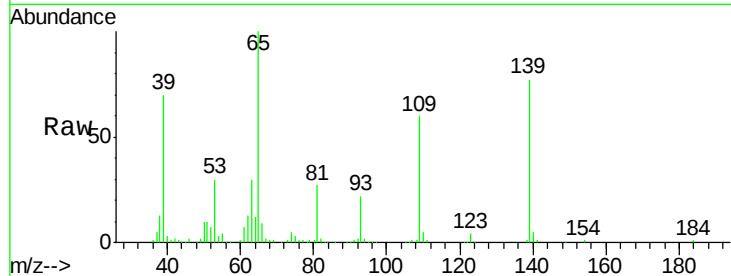
#55
4-Nitrophenol
Concen: 35.79 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampled :
MW-15MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	77.5	54.9	94.9
65	130.0	102.2	142.2

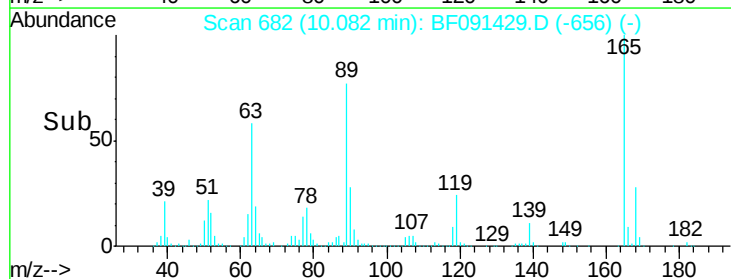
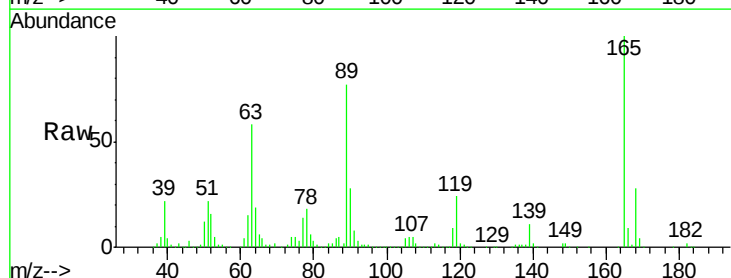
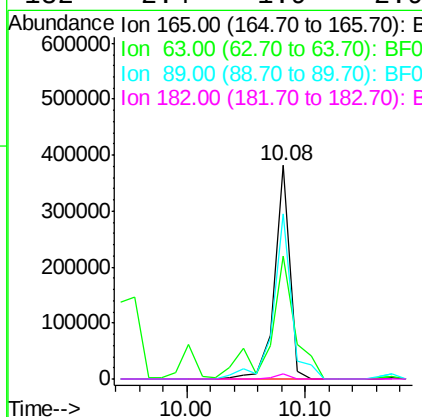
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#56
2,4-Dinitrotoluene
Concen: 55.62 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.8	29.0	43.4#
89	77.4	43.1	64.7#
182	2.4	1.9	2.9





#57

Fluorene

Concen: 52.19 ng

RT: 10.44 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampled :

MW-15MS

Tot Ion:166 Resp: 1049381

Ion Ratio Lower Upper

166 100

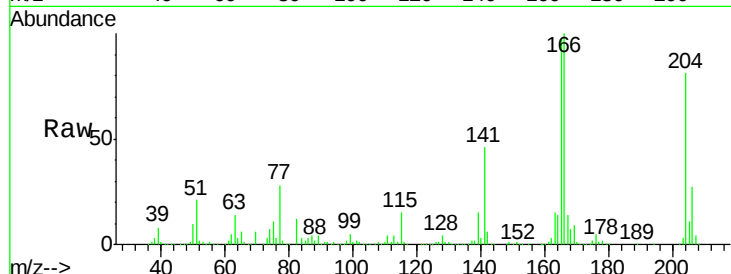
165 96.9 80.0 120.0

167 13.9 10.8 16.2

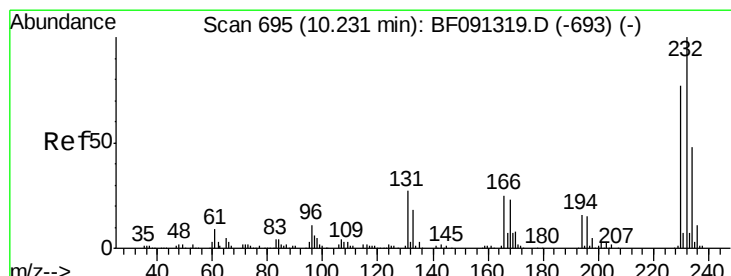
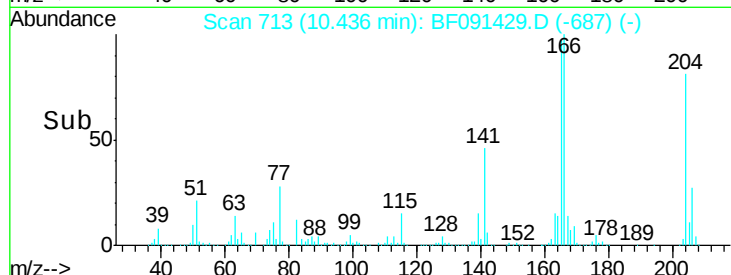
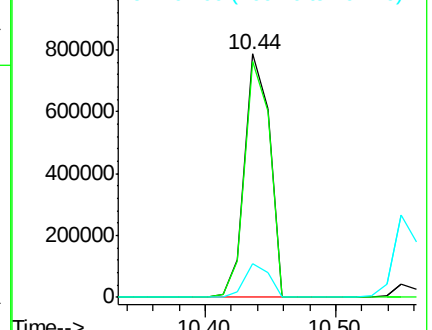
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.79 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion:232 Resp: 322490

Ion Ratio Lower Upper

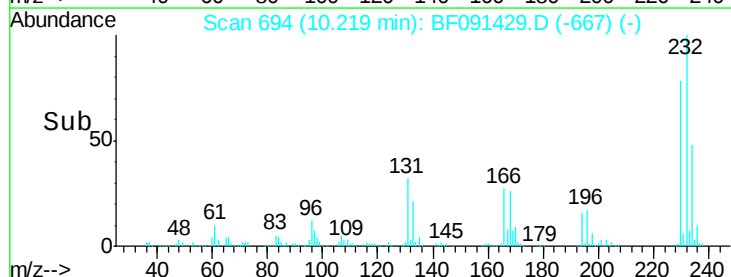
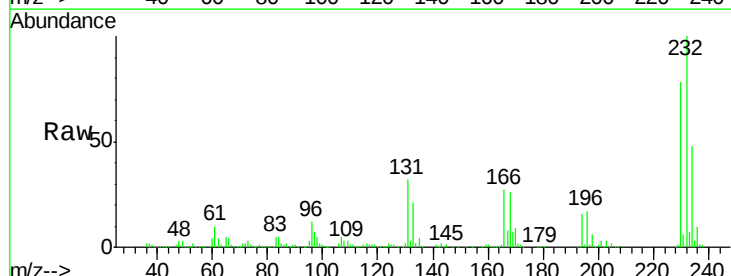
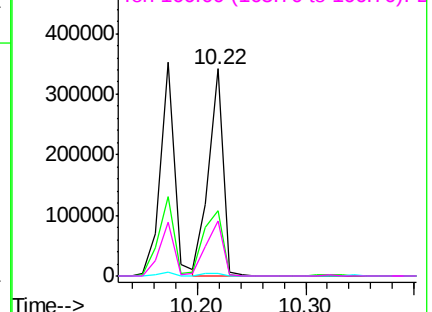
232 100

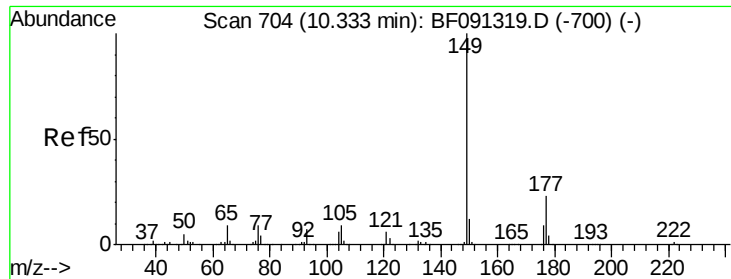
131 40.9 38.4 57.6

130 1.9 1.8 2.8

166 31.0 23.9 35.9

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





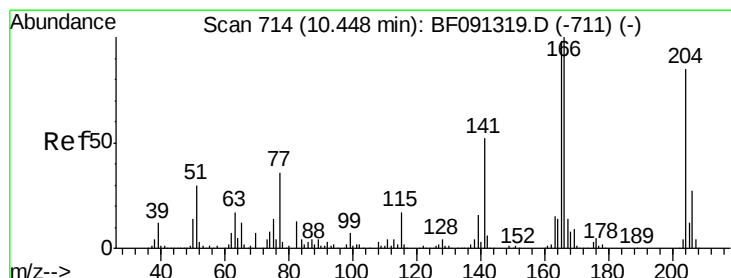
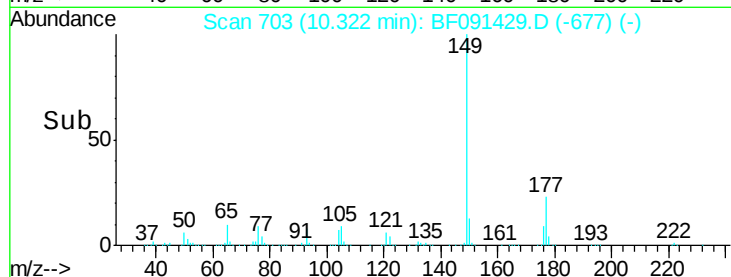
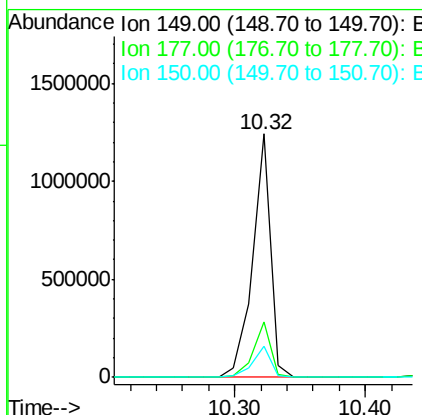
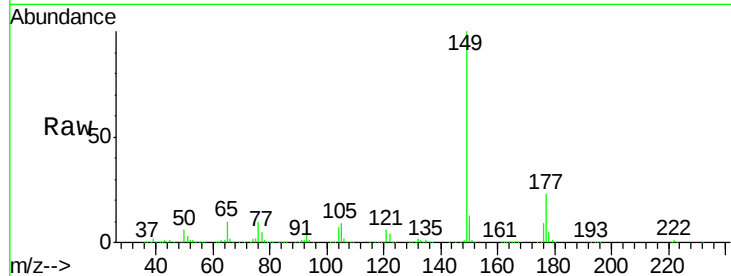
#59
Diethylphthalate
Concen: 57.68 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion:149 Resp: 1185923
Ion Ratio Lower Upper
149 100
177 22.5 15.7 23.5
150 12.7 10.2 15.2

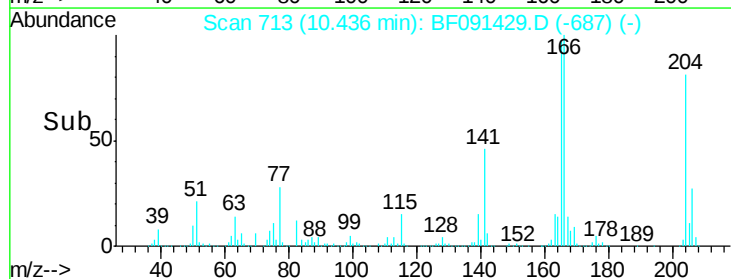
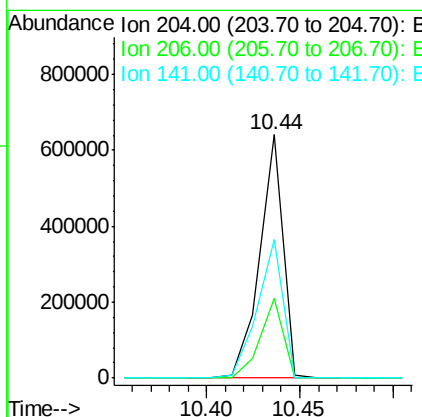
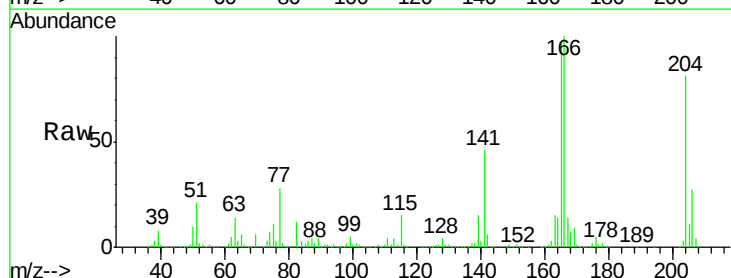
Manual Integrations
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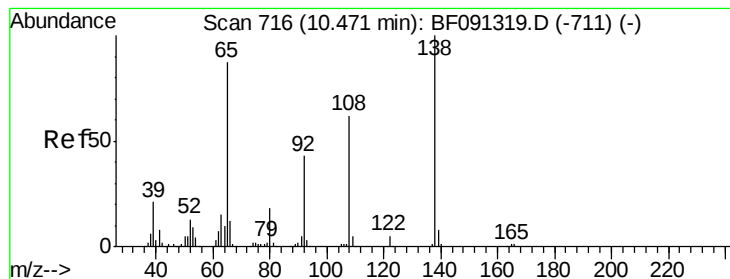
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 55.86 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion:204 Resp: 563286
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 57.1 40.6 61.0





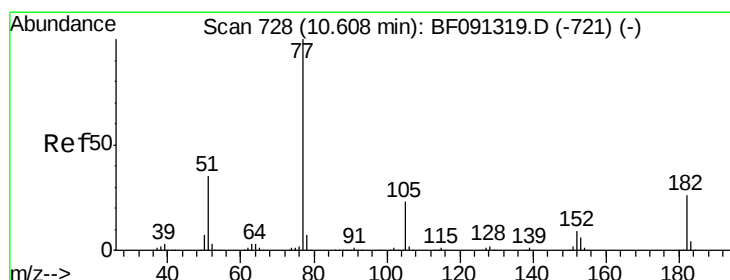
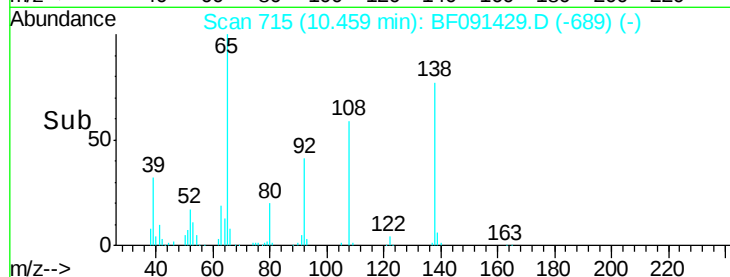
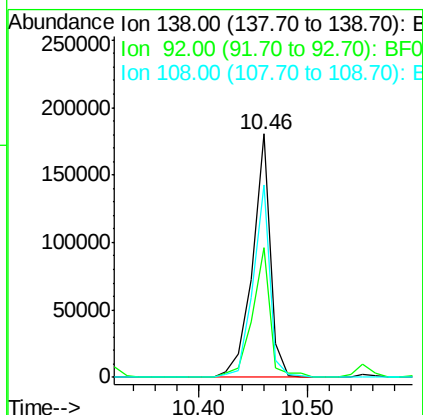
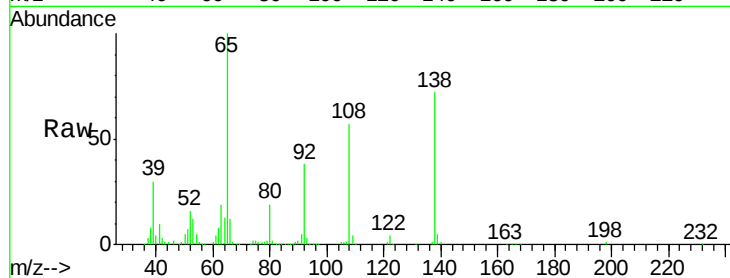
#61
4-Nitroaniline
Concen: 40.98 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleID :
MW-15MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	26.9	66.9
108	79.3	49.1	89.1

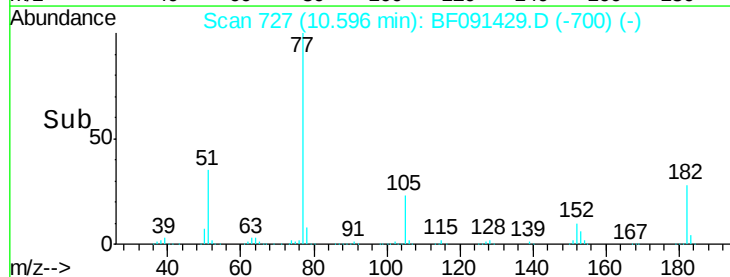
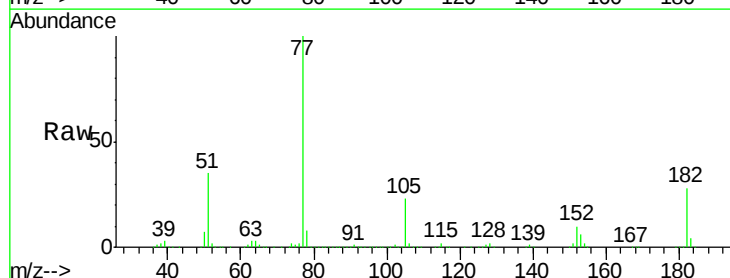
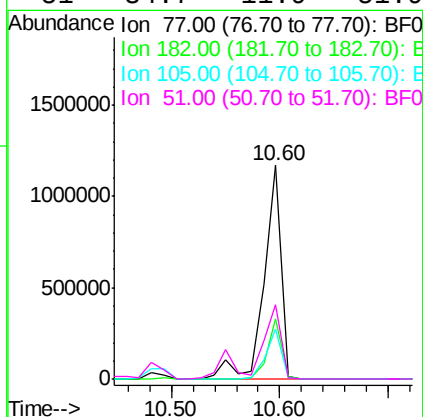
Manual Integrations
APPROVED

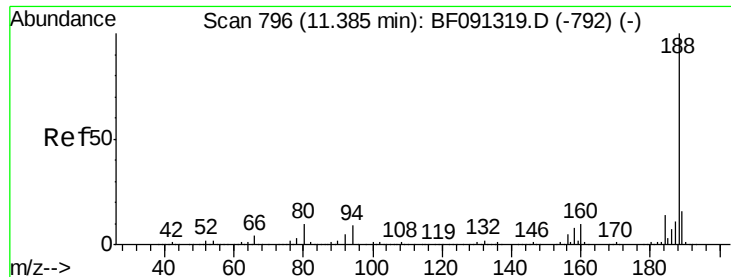
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#62
Azobenzene
Concen: 61.92 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	12.5	52.5
105	23.3	3.7	43.7
51	34.7	11.9	51.9





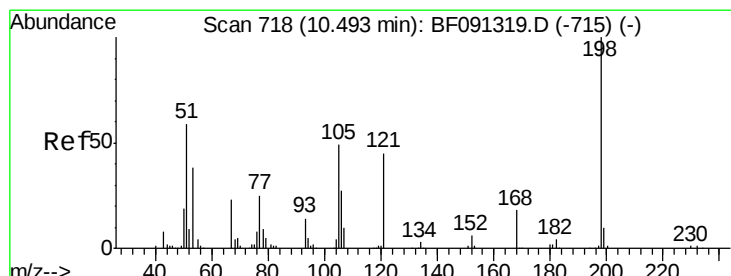
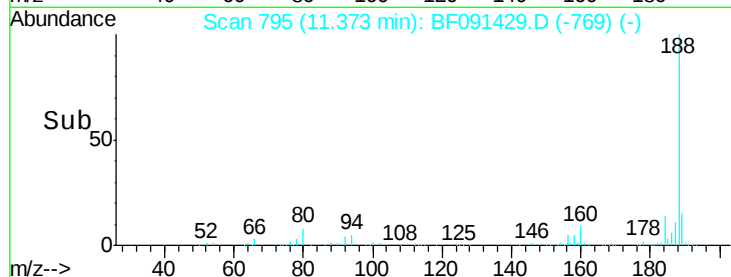
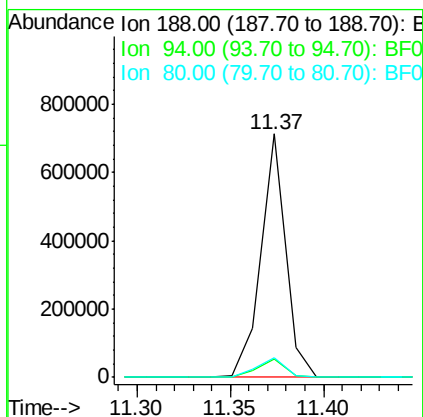
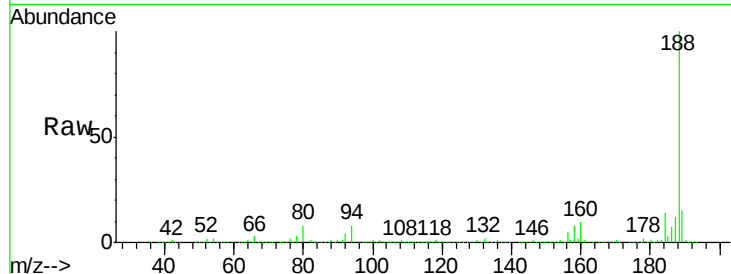
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	9.2	13.8#
80	8.2	10.5	15.7#

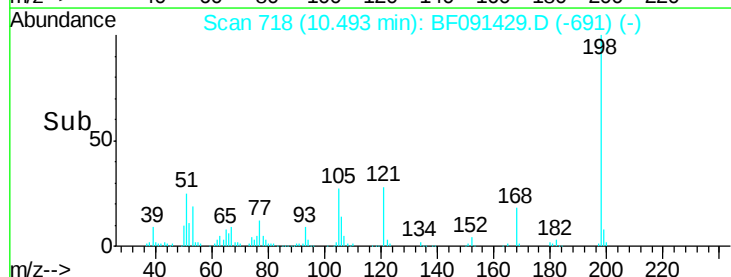
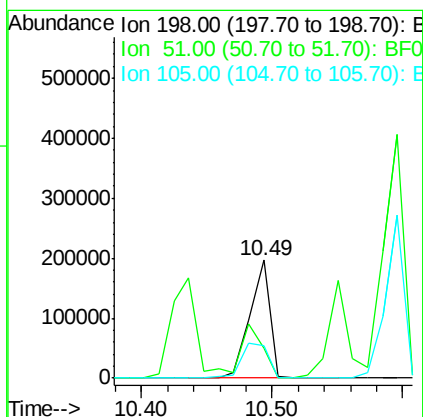
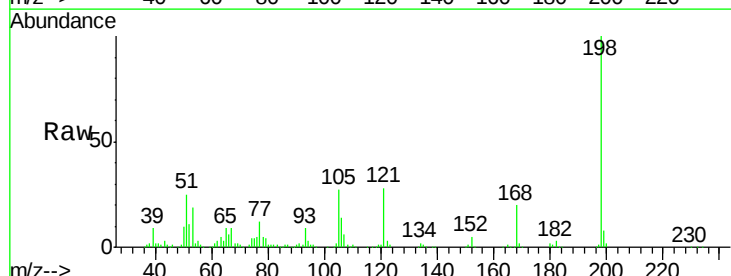
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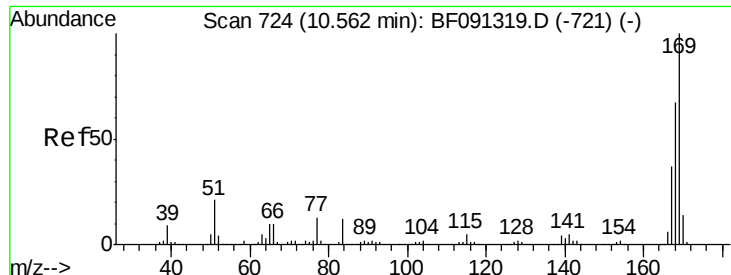
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#64
4,6-Dinitro-2-methylphenol
Concen: 58.49 ng
RT: 10.49 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	25.2	77.1	117.1#
105	27.2	44.8	84.8#





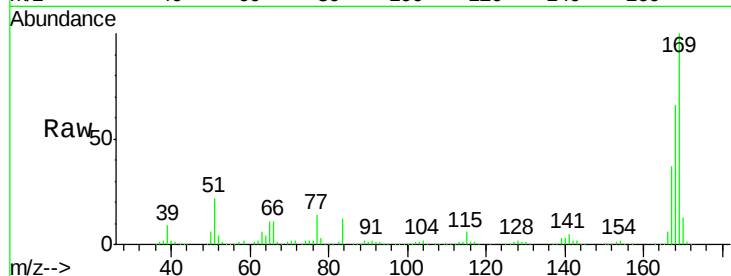
#65
n-Nitrosodiphenylamine
Concen: 47.16 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

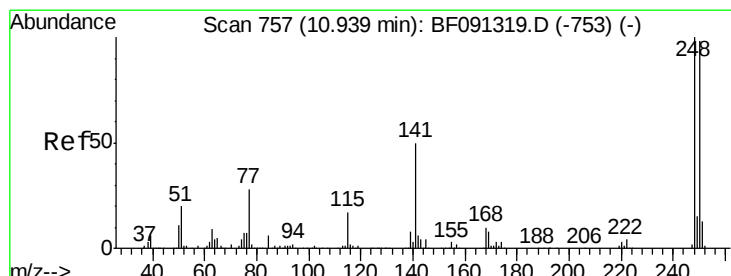
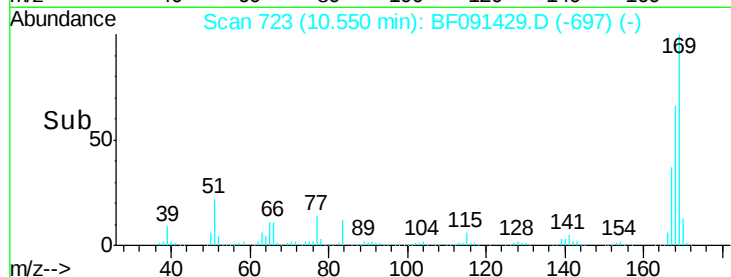
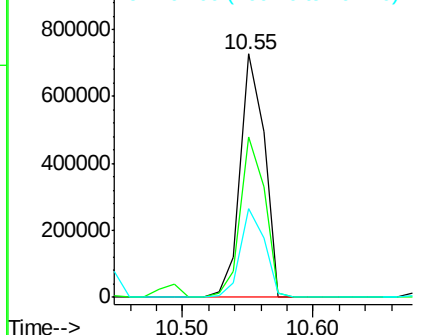
Tot Ion	Ratio	Resp	Lower	Upper
169	100	935651		
168	65.7	53.8	80.8	
167	36.5	29.8	44.8	

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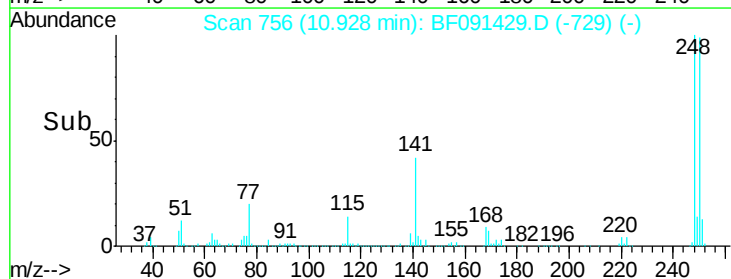
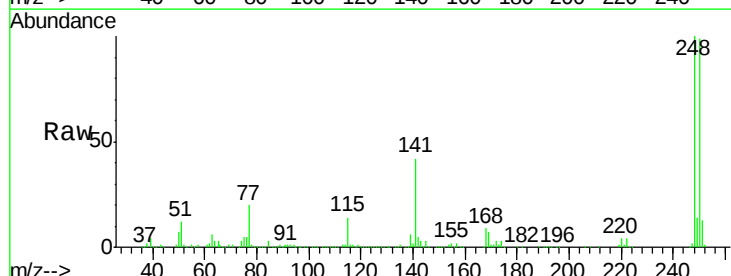
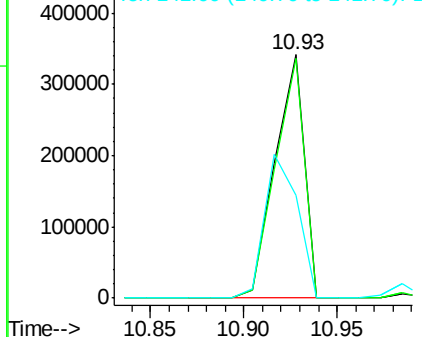
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

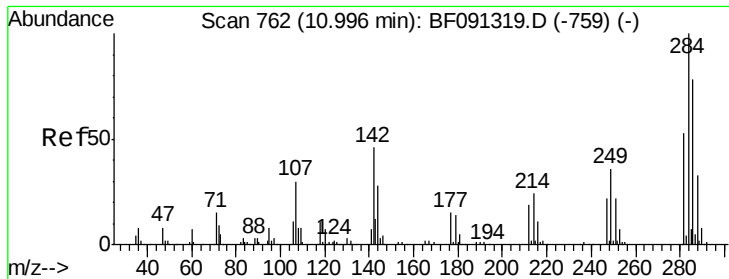


#66
4-Bromophenyl-phenylether
Concen: 53.10 ng
RT: 10.93 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	373500		
250	98.6	78.2	117.4	
141	42.3	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





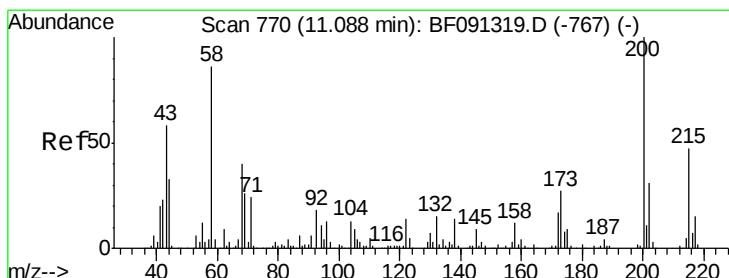
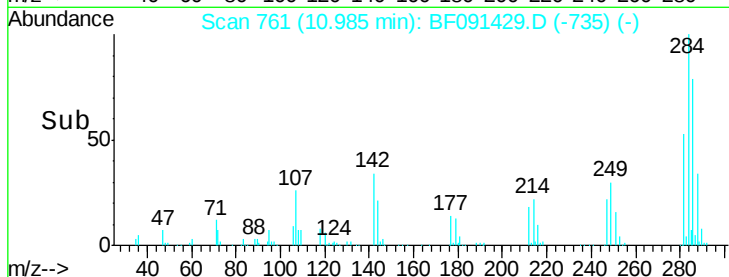
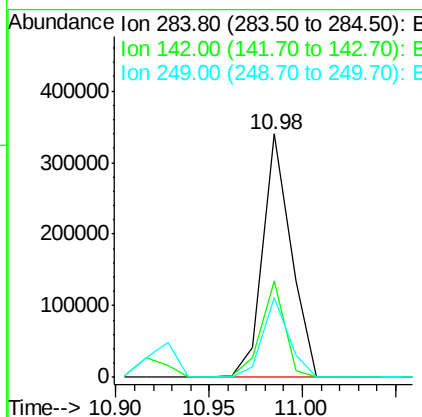
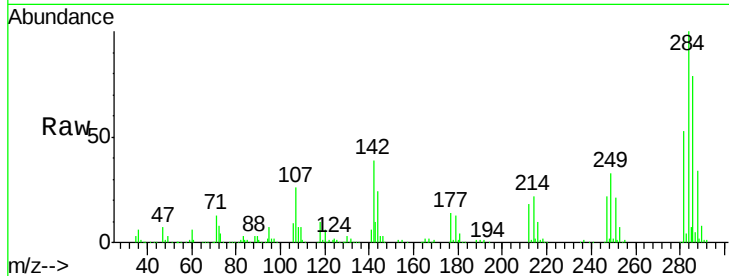
#67
Hexachlorobenzene
Concen: 46.87 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.4	17.9	26.9	
249	32.7	23.6	35.4	

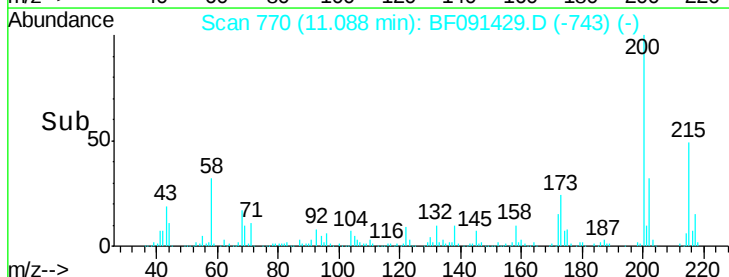
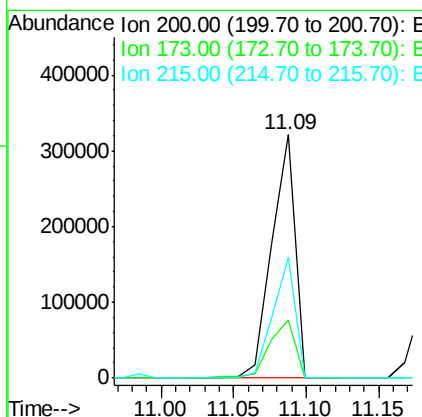
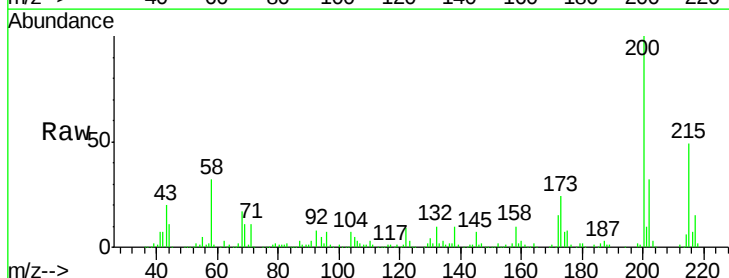
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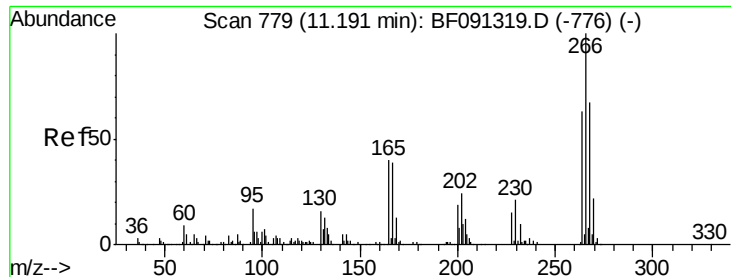
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#68
Atrazine
Concen: 55.56 ng
RT: 11.09 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.1	7.8	47.8	
215	49.4	24.3	64.3	





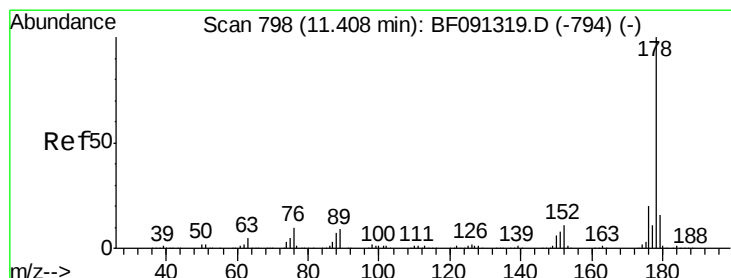
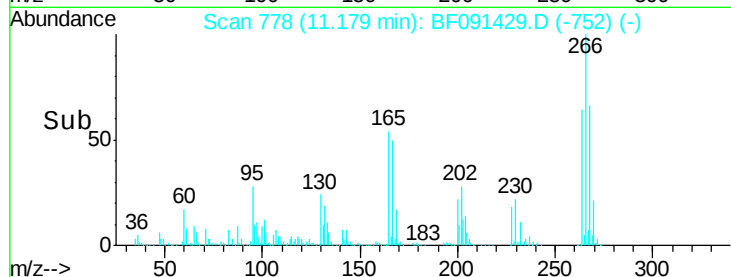
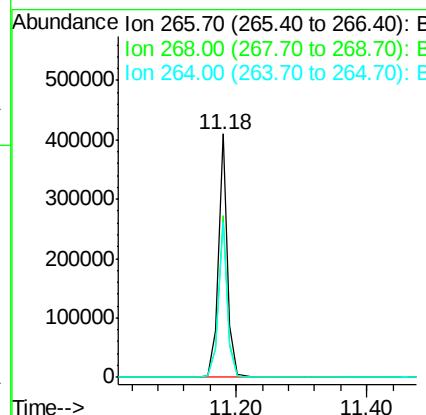
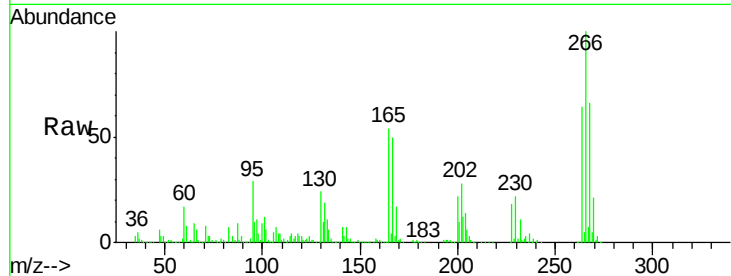
#69
 Pentachlorophenol
 Concen: 90.81 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	406356		
268	66.3	50.3	75.5	
264	63.6	48.2	72.2	

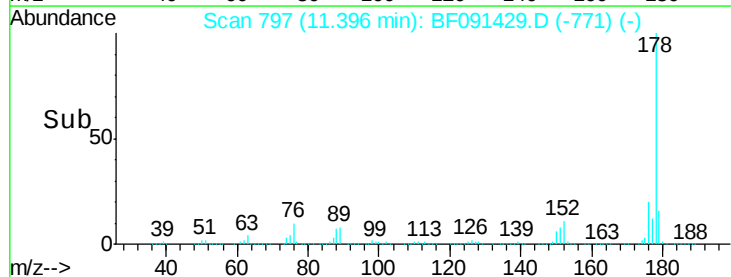
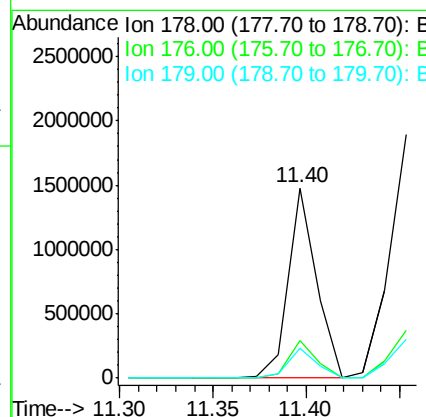
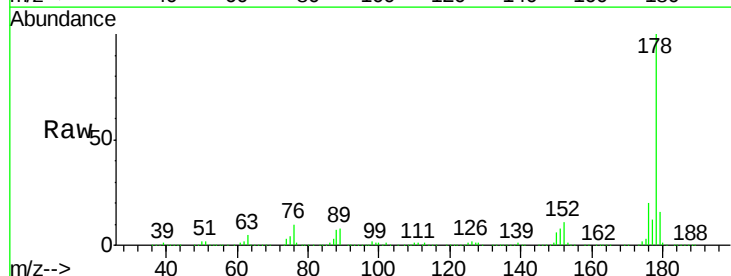
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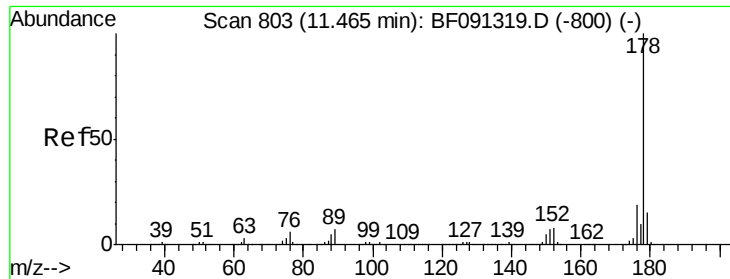
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#70
 Phenanthrene
 Concen: 45.94 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1562232		
176	20.1	15.9	23.9	
179	16.0	12.6	18.8	





#71
 Anthracene
 Concen: 54.02 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

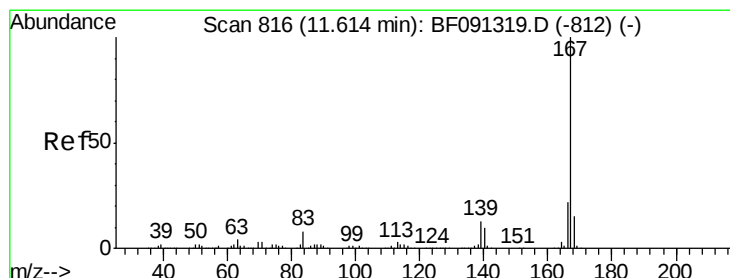
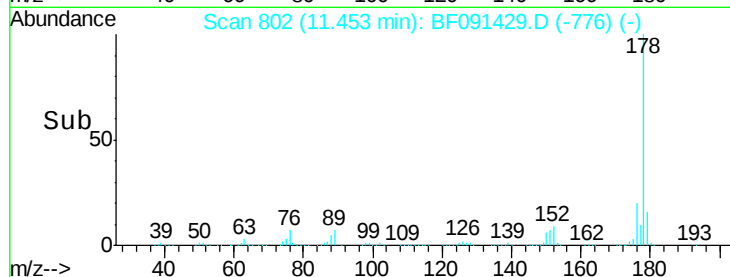
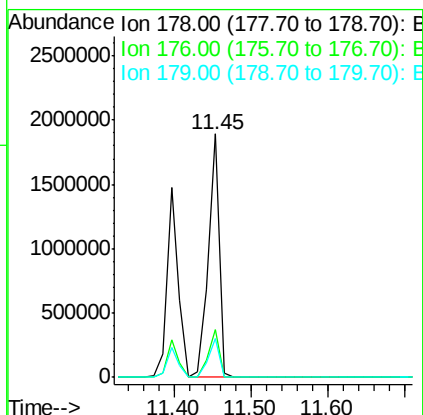
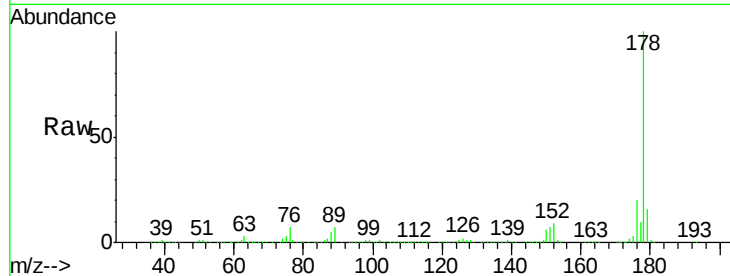
Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tot Ion:178 Resp: 1823074

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.7	12.7	19.1

Manual Integrations
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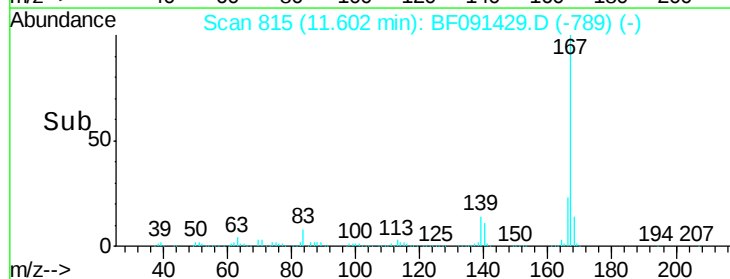
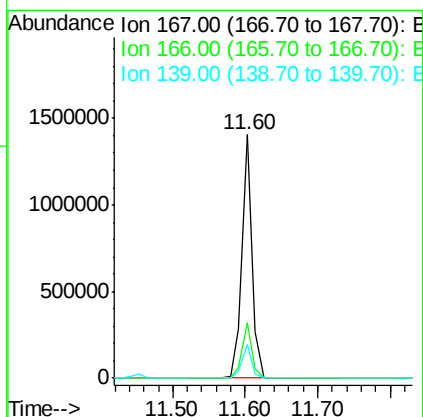
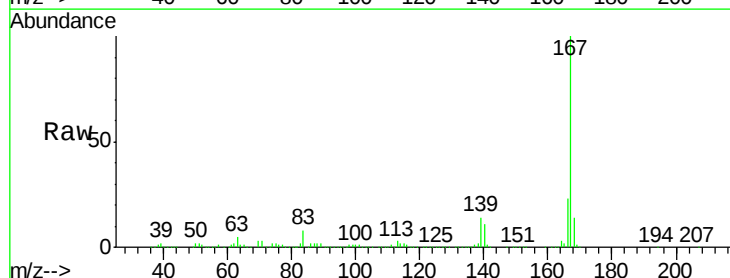
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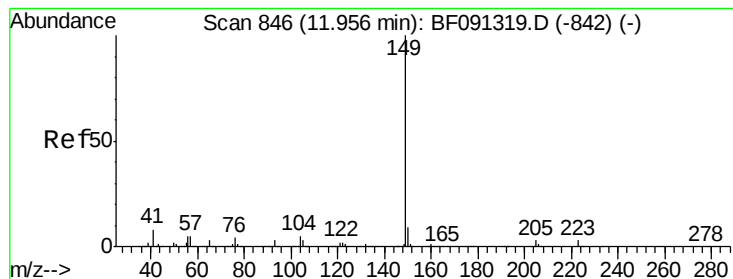


#72
 Carbazole
 Concen: 44.27 ng
 RT: 11.60 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:167 Resp: 1355622

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.9	11.5	17.3





#73

Di-n-butylphthalate

Concen: 56.53 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampled :

MW-15MS

Tot Ion:149 Resp: 1961996

Ion Ratio Lower Upper

149 100

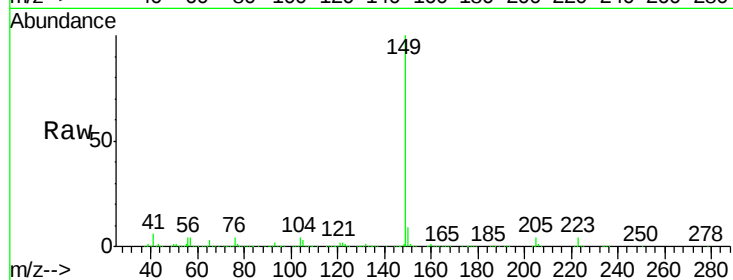
150 9.5 7.5 11.3

104 4.4 4.0 6.0

Manual Integrations
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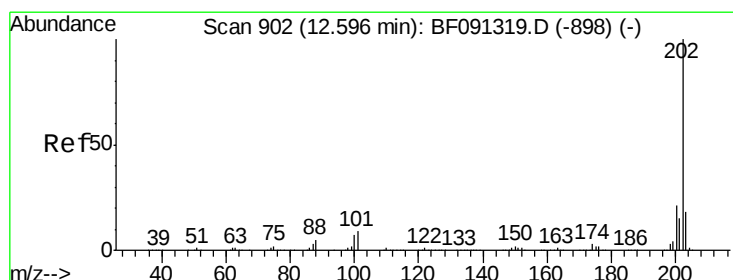
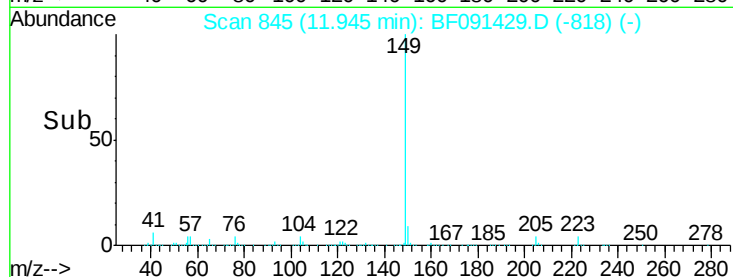
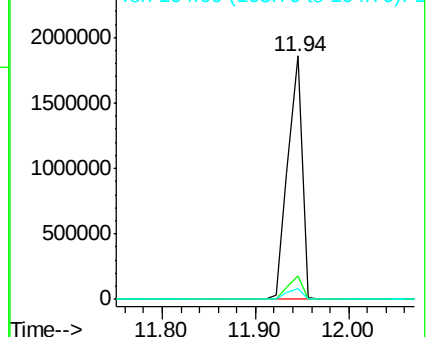
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.25 ng

RT: 12.58 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

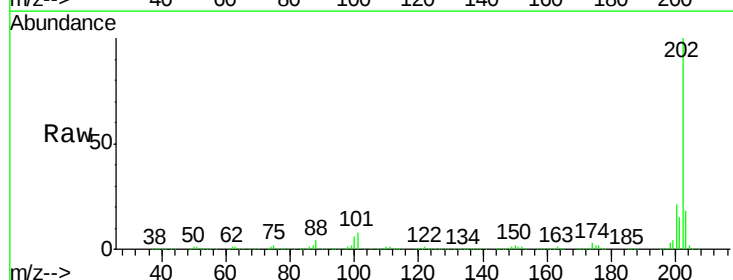
Tgt Ion:202 Resp: 1650934

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.5

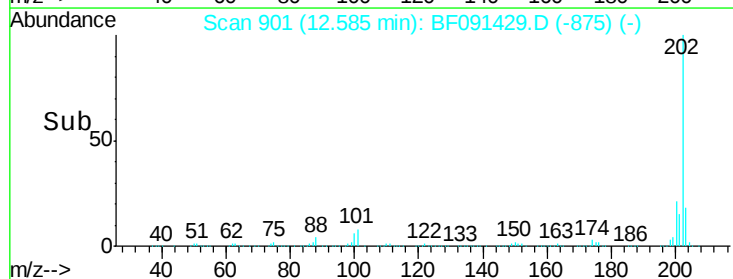
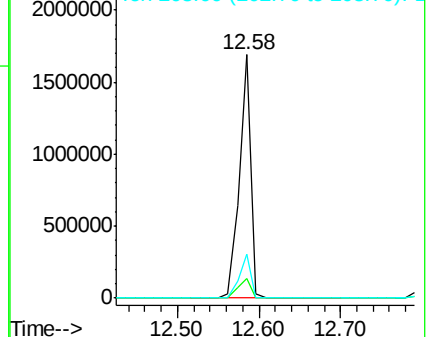
203 17.8 0.0 37.8

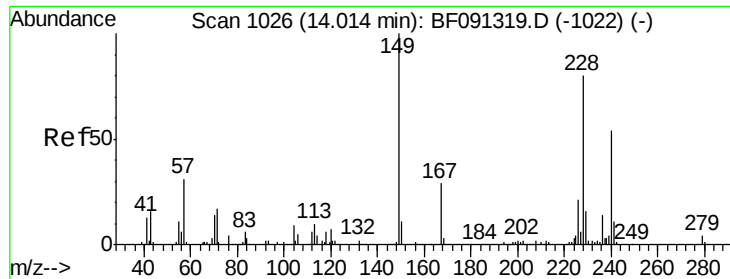


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





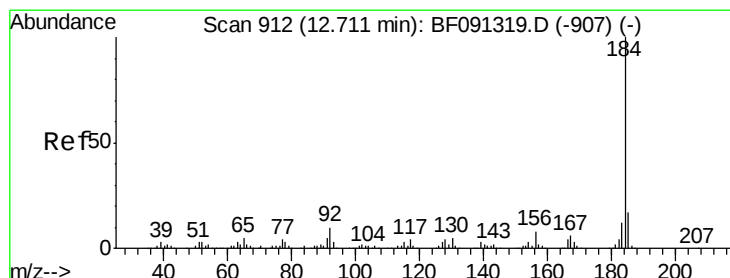
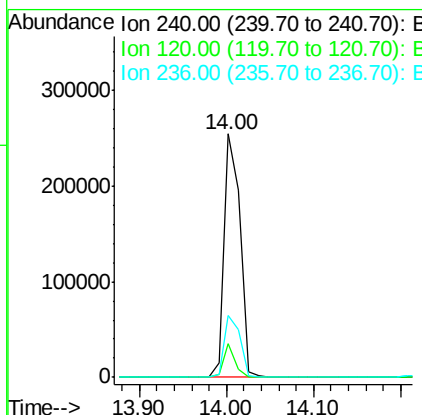
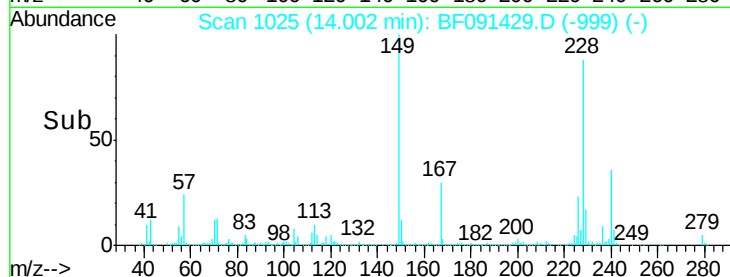
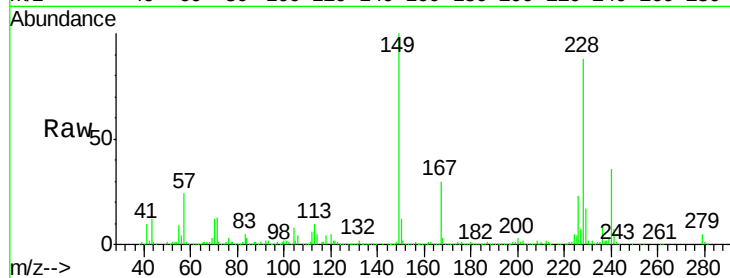
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tot Ion:	240	Resp:	326511
Ion Ratio	Lower	Upper	
240	100		
120	13.7	12.1	18.1
236	25.3	21.0	31.6

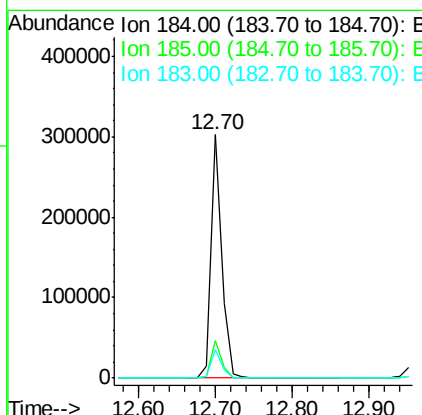
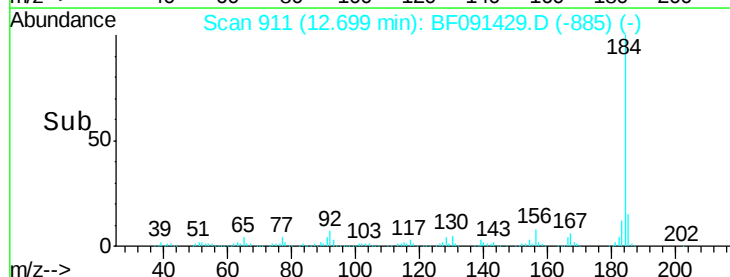
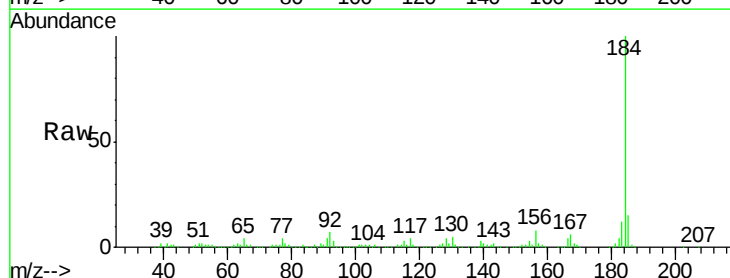
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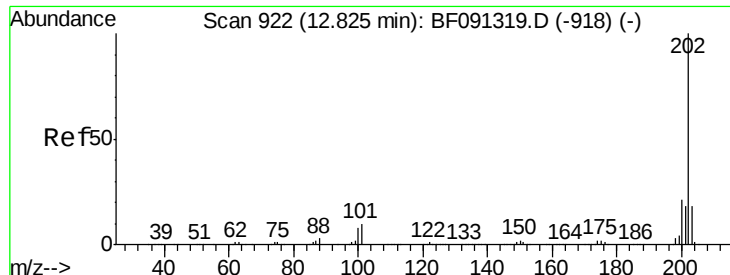
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 12/6/2016 3:02:00 PM



#76
 Benzidine
 Concen: 30.26 ng
 RT: 12.70 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion:	184	Resp:	290033
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.1	19.7
183	11.7	8.9	13.3





#77

Pvrene

Concen: 67.13 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

Tot Ion:202 Resp: 1663420

Ion Ratio Lower Upper

202 100

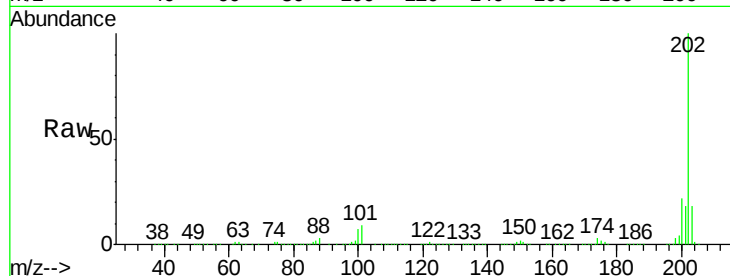
200 21.7 17.6 26.4

203 18.1 14.0 21.0

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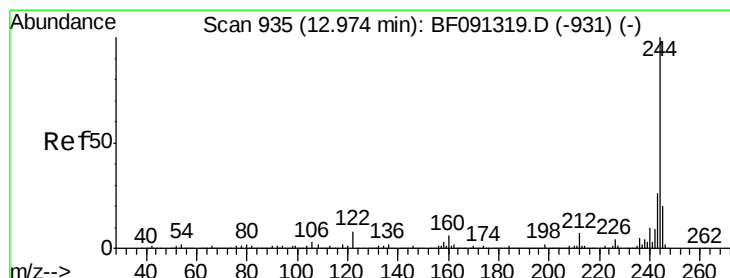
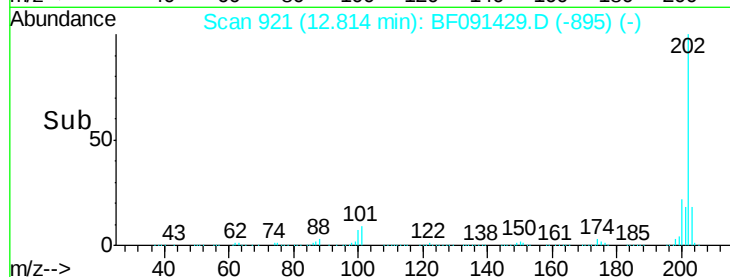
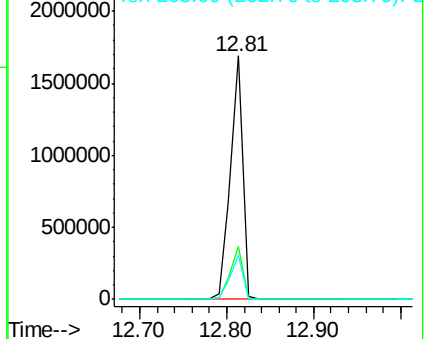
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 118.81 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

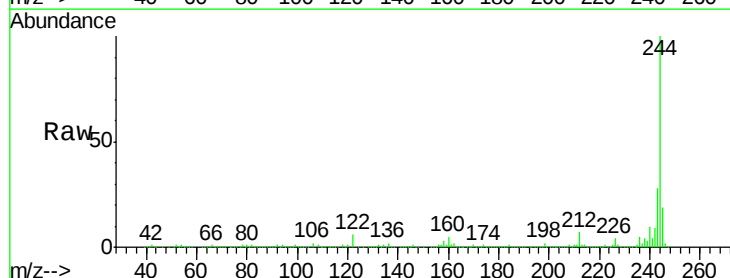
Tgt Ion:244 Resp: 1784741

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

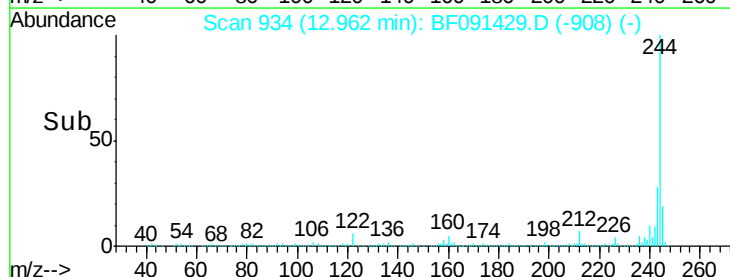
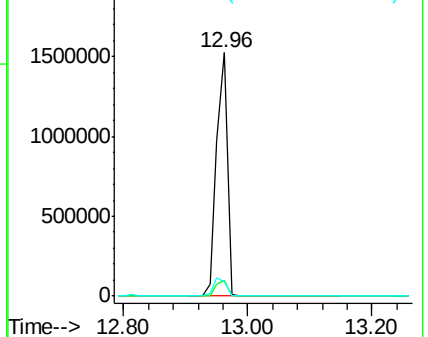
122 5.9 9.5 14.3#

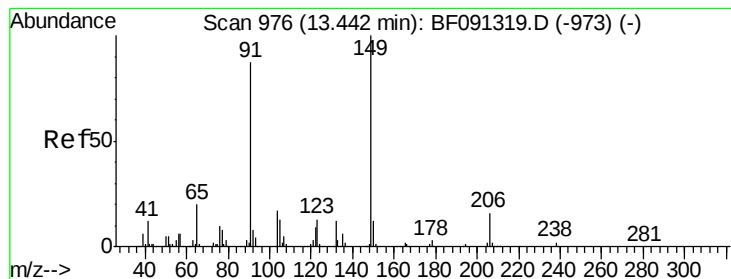


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 59.20 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

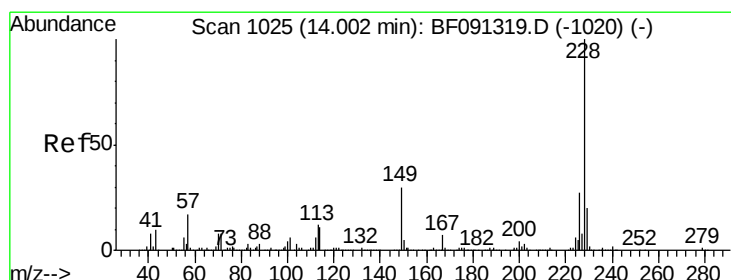
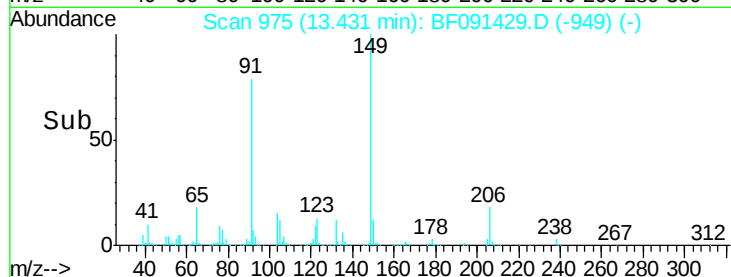
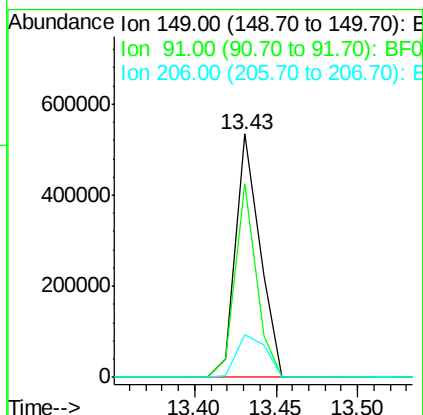
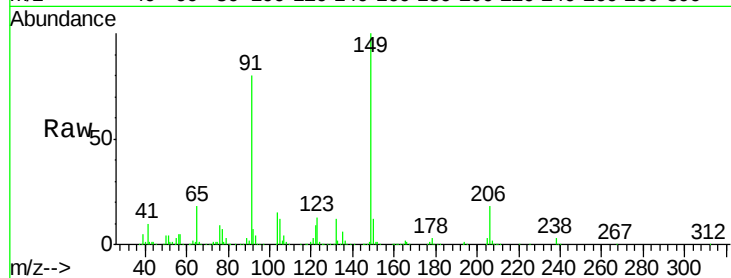
ClientSampleId :

MW-15MS

Tot Ion:	149	Resp:	549326
Ion Ratio	Lower	Upper	
149	100		
91	79.6	57.4	86.2
206	17.6	15.4	23.2

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#80

Benzo(a)anthracene

Concen: 57.66 ng

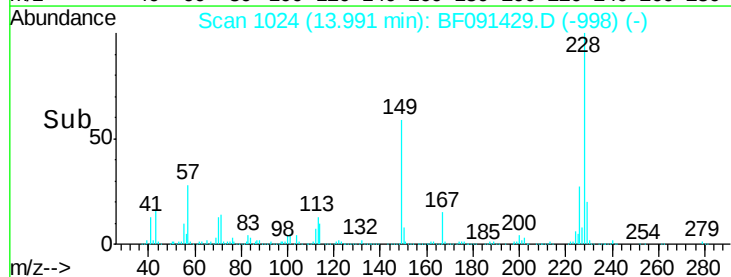
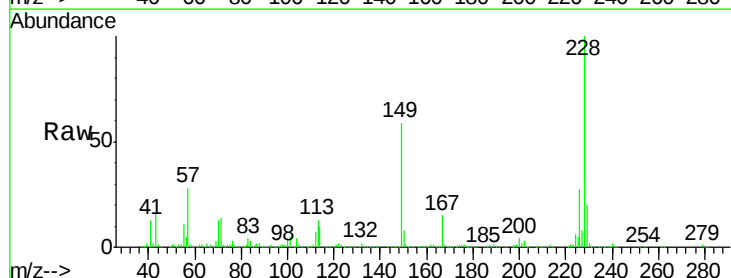
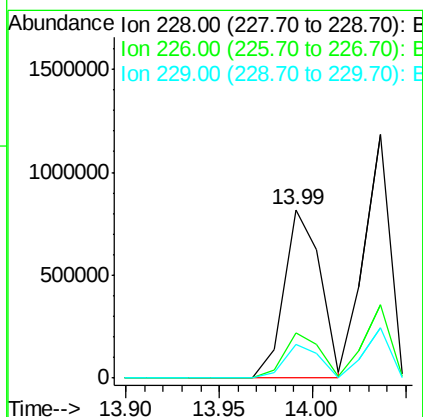
RT: 13.99 min Scan# 1024

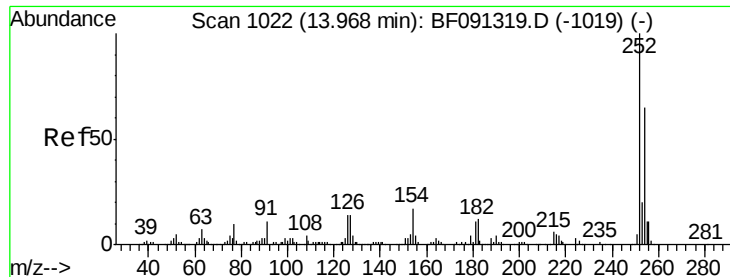
Delta R.T. -0.00 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Tgt Ion:	228	Resp:	1100971
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.5	33.7
229	19.8	16.4	24.6





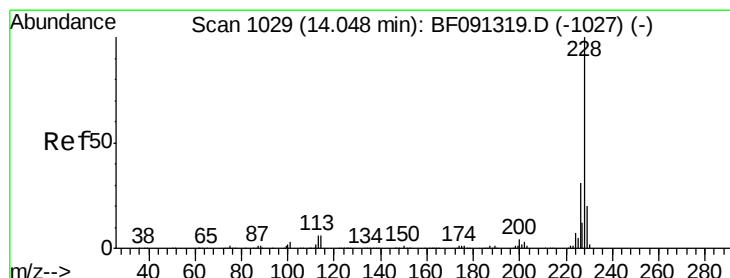
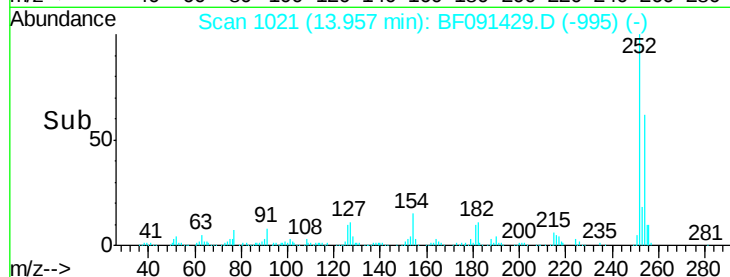
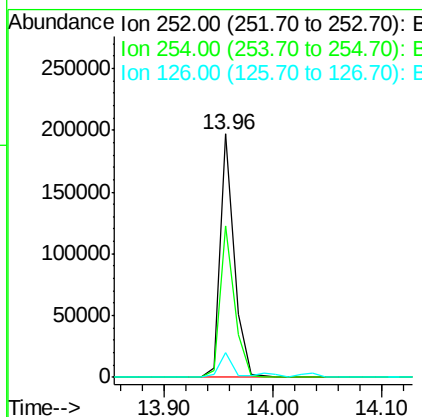
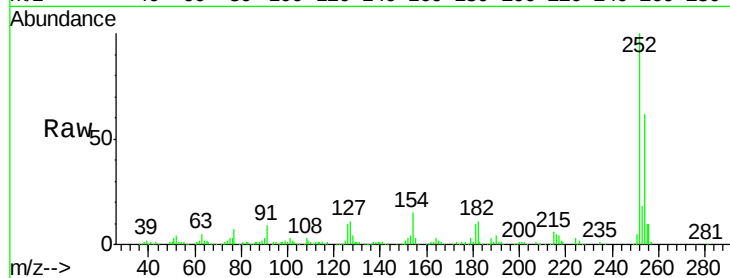
#81
 3,3'-Dichlorobenzidine
 Concen: 26.65 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampled :
 MW-15MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	52.1	78.1
126	10.3	7.5	11.3

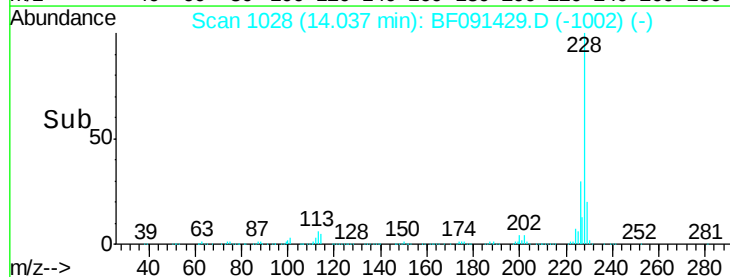
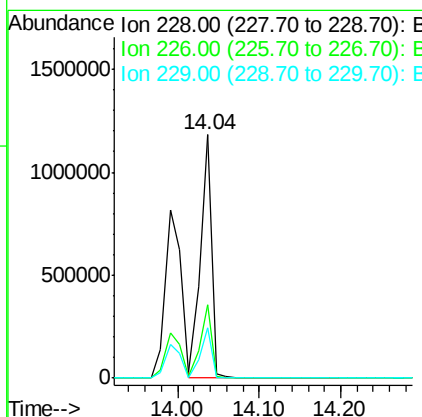
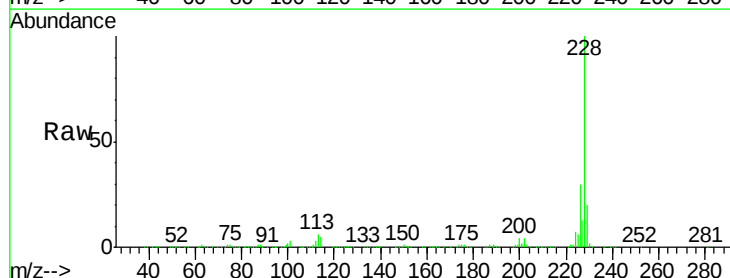
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#82
 Chrysene
 Concen: 60.50 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 70.97 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF091429.D

Acq: 5 Dec 2016 20:27

Instrument :

BNA_F

ClientSampleId :

MW-15MS

Tot Ion:149 Resp: 834719
Ion Ratio Lower Upper

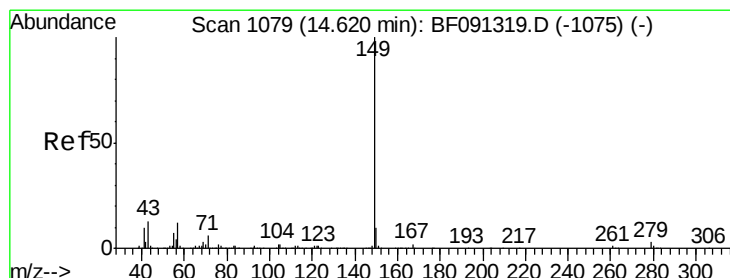
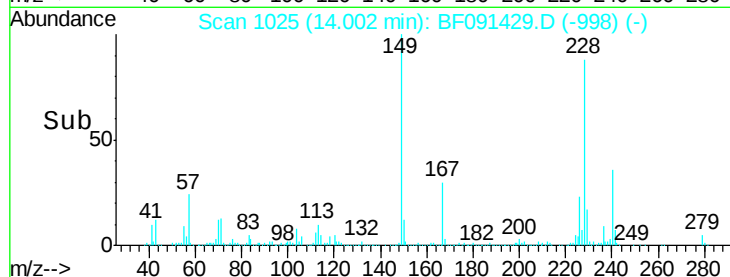
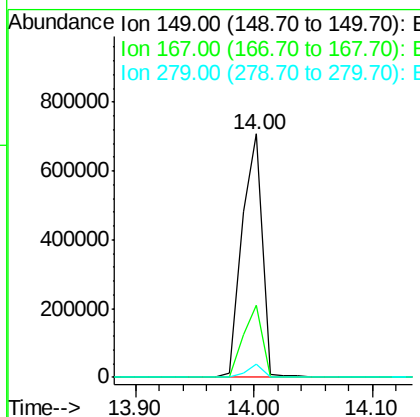
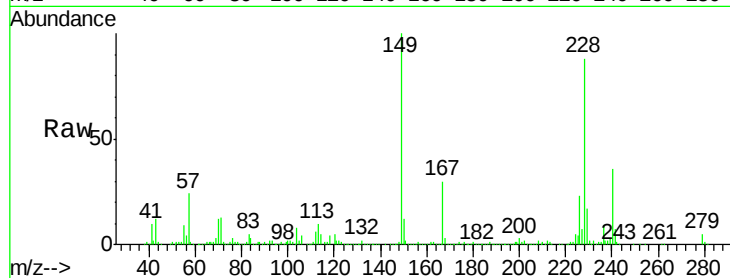
149 100

167 29.7 19.6 29.4#

279 5.3 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 73.89 ng

RT: 14.61 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF091429.D

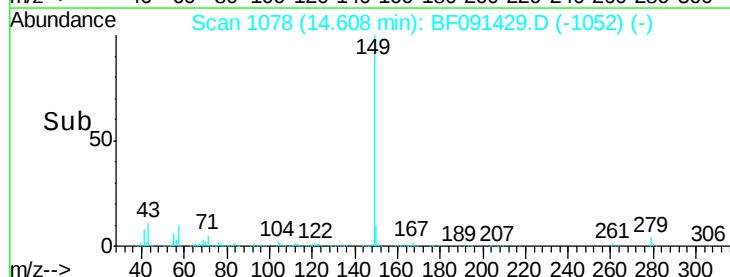
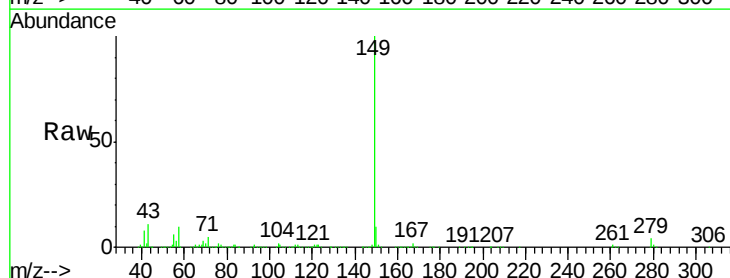
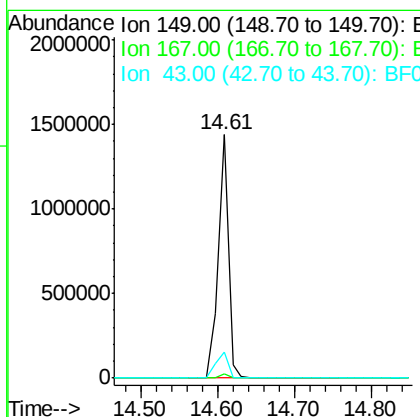
Acq: 5 Dec 2016 20:27

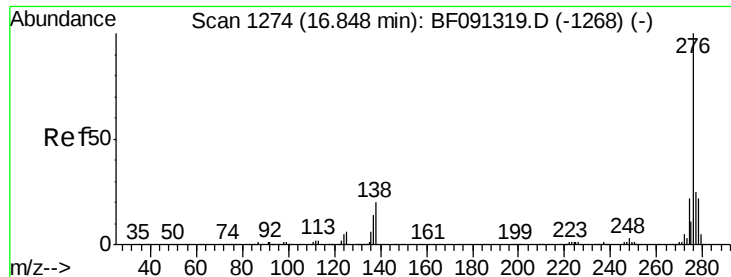
Tgt Ion:149 Resp: 1314983
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.7 11.9 17.9





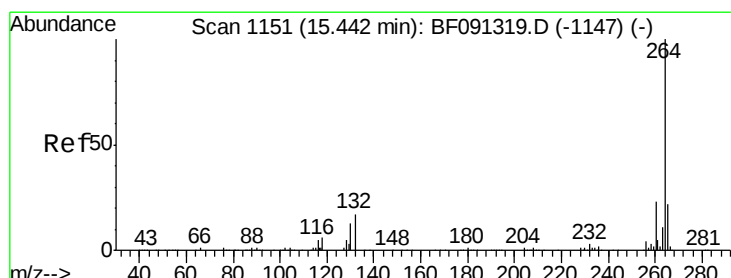
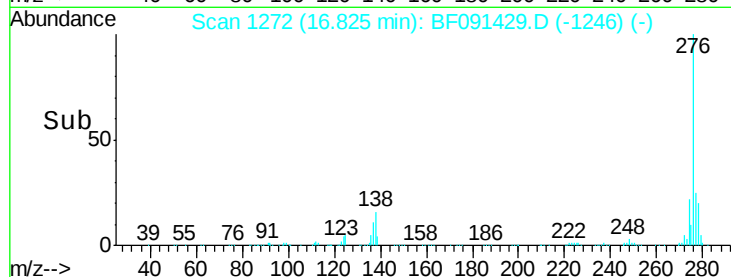
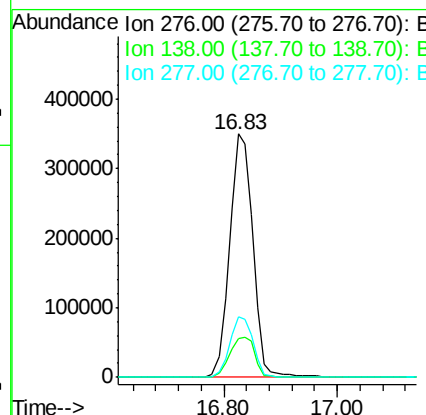
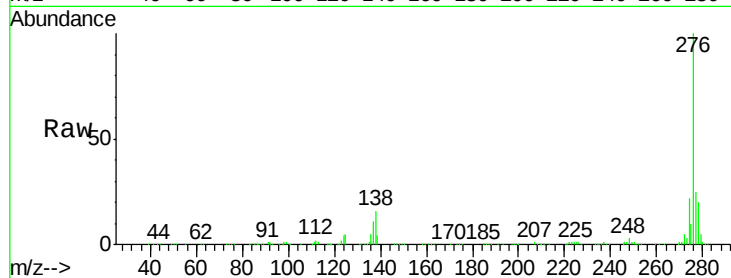
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.04 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	21.0	31.4#
277	25.2	20.2	30.2

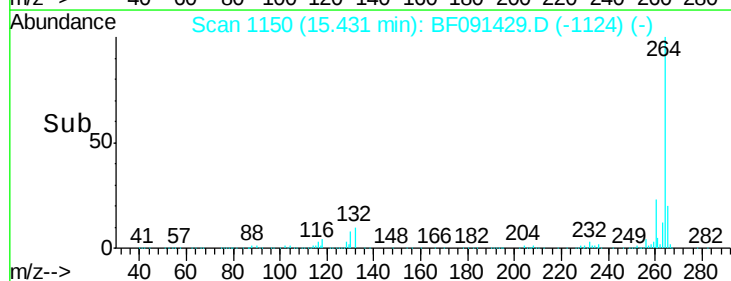
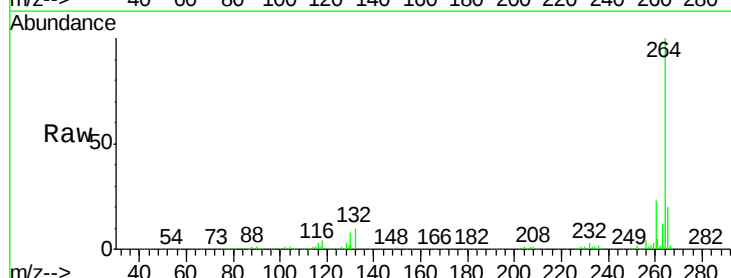
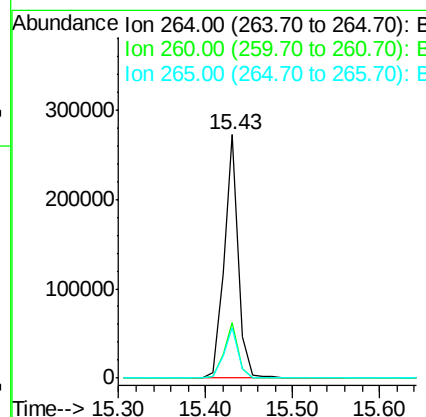
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	20.4	17.0	25.6





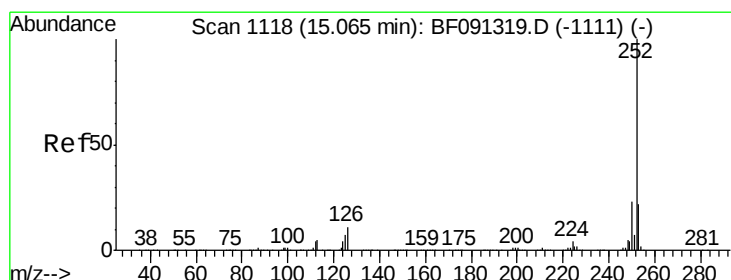
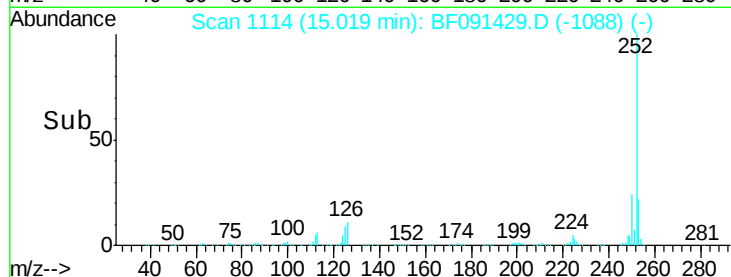
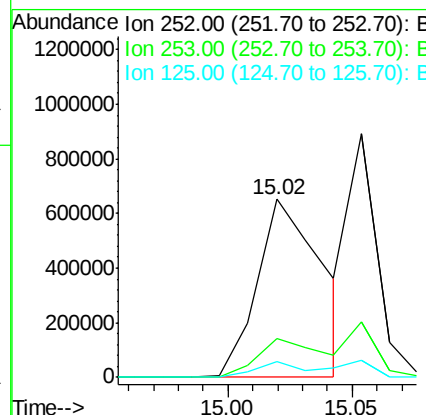
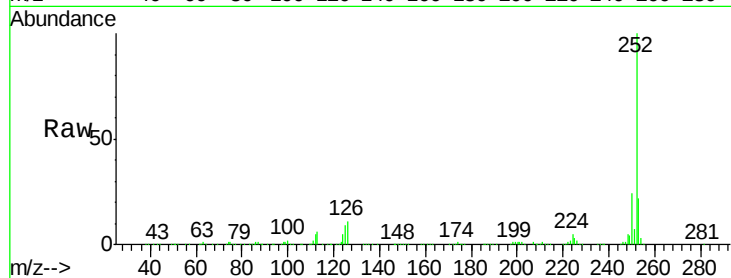
#87
Benzo(b)fluoranthene
Concen: 61.37 ng m
RT: 15.02 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.7	8.6	13.0

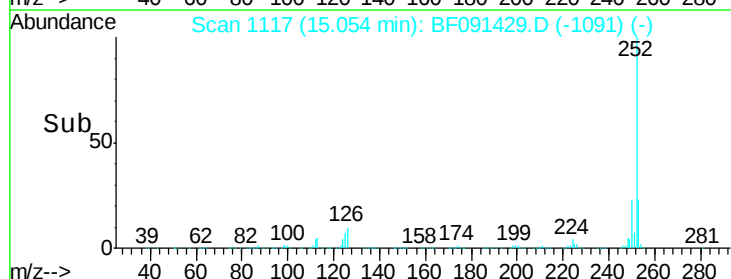
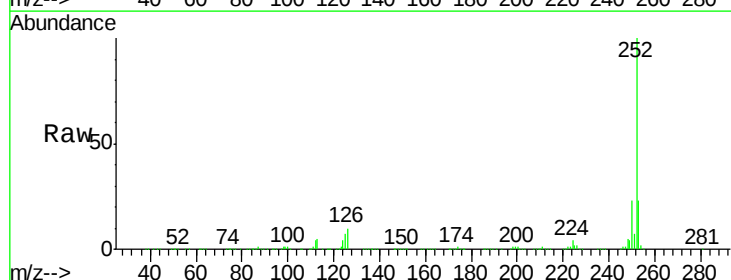
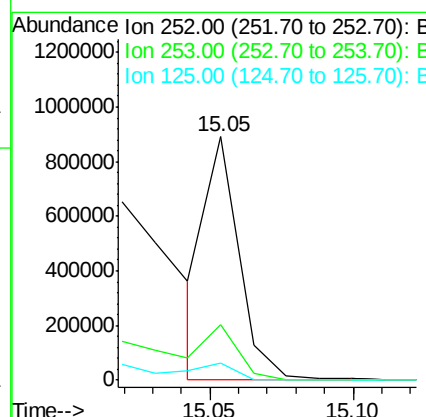
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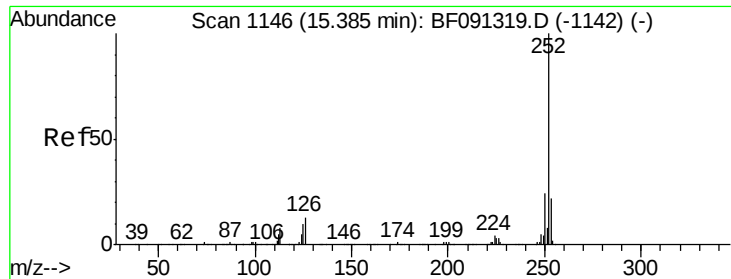
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#88
Benzo(k)fluoranthene
Concen: 44.38 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.1	9.6	14.4#





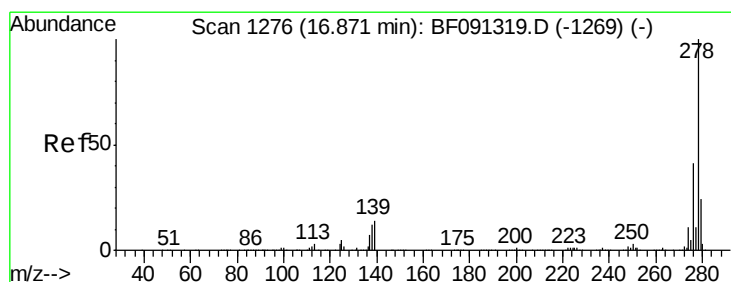
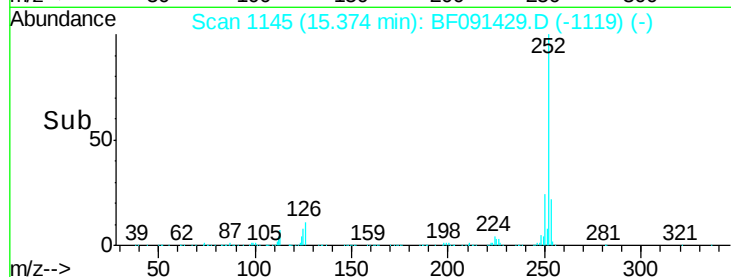
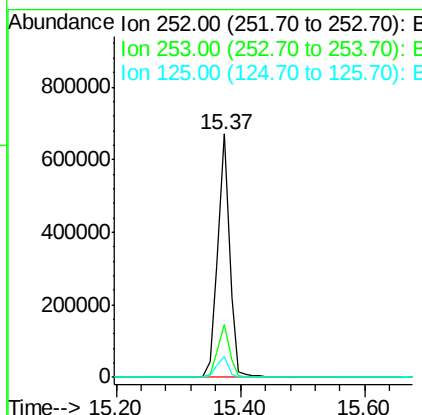
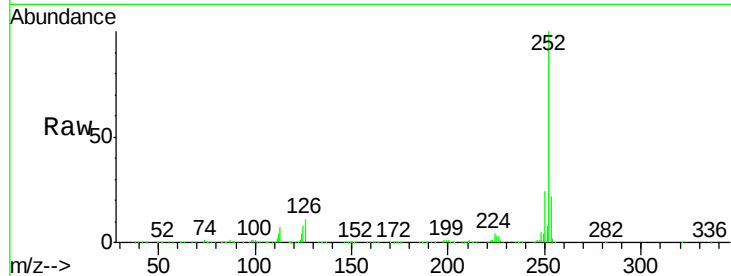
#89
Benzo(a)pyrene
Concen: 50.60 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Instrument :
BNA_F
ClientSampleId :
MW-15MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	8.4	10.4	15.6

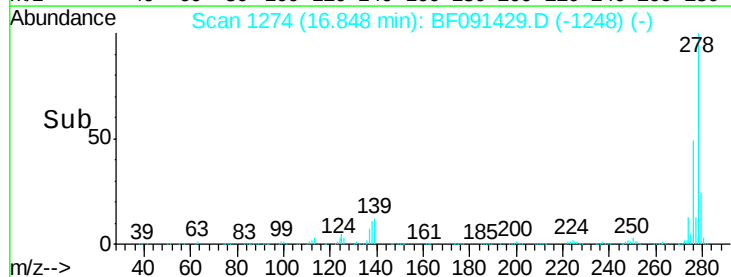
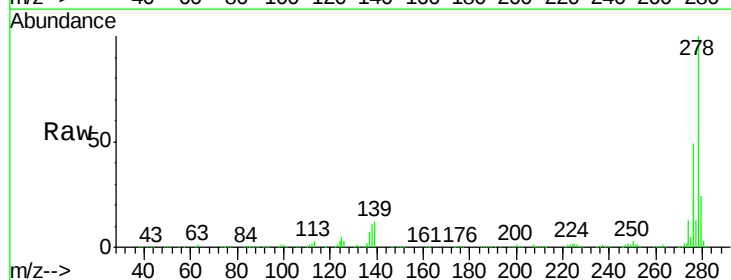
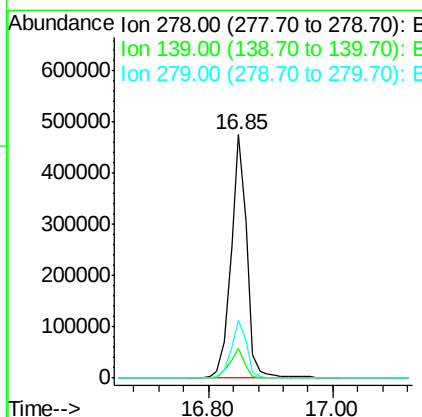
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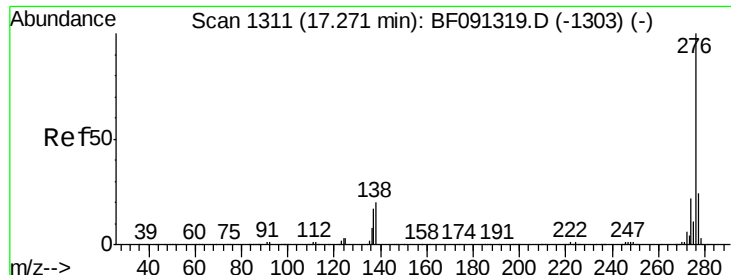
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#90
Dibenzo(a,h)anthracene
Concen: 52.47 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF091429.D
Acq: 5 Dec 2016 20:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	15.1	22.7
279	23.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.30 ng
 RT: 17.25 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091429.D
 Acq: 5 Dec 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-15MS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	828641		
277	23.8		19.0	28.4
138	16.1		15.4	23.0

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