

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
 Data File : BF091381.D
 Acq On : 1 Dec 2016 19:07
 Operator : UM/SJ
 Sample : H5801-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Manual Integrations
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 12/2/2016 4:20:34 PM

Quant Time: Dec 02 00:49:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	187360	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	774082	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	433180	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	723350	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	480666	20.00	ng	-0.02
86) Perylene-d12	15.45	264	430660	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	828778	72.26	ng	0.00
7) Phenol-d6	6.49	99	688669	48.78	ng	0.00
23) Nitrobenzene-d5	7.43	82	1228784	88.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	616720	150.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2241570	93.69	ng	-0.02
78) Terphenyl-d14	12.97	244	2082170	94.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	91398	17.62	ng	86
3) Pyridine	3.24	79	223316	15.21	ng	# 85
4) n-Nitrosodimethylamine	3.17	42	158587	20.58	ng	99
6) Aniline	6.52	93	465533	24.82	ng	# 72
8) 2-Chlorophenol	6.64	128	461158	36.67	ng	# 74
9) Benzaldehyde	6.40	77	273987	30.18	ng	88
10) Phenol	6.50	94	298700	17.98	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	512025	43.14	ng	95
12) 1,3-Dichlorobenzene	6.80	146	577669	41.30	ng	97
13) 1,4-Dichlorobenzene	6.88	146	632560	45.46	ng	100
14) 1,2-Dichlorobenzene	7.03	146	515917	39.81	ng	99
15) Benzyl Alcohol	7.01	79	381595	33.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1093372	42.84	ng	76
17) 2-Methylphenol	7.12	107	352321	35.45	ng	# 76
18) Hexachloroethane	7.37	117	333626	67.53	ng	# 84
19) n-Nitroso-di-n-propylamine	7.28	70	420632	47.29	ng	# 98
20) 3+4-Methylphenols	7.27	107	352448	29.05	ng	# 40
22) Acetophenone	7.27	105	918924	50.09	ng	# 83
24) Nitrobenzene	7.45	77	700091	49.51	ng	# 76
25) Isophorone	7.69	82	1212255	49.54	ng	98
26) 2-Nitrophenol	7.76	139	280583	43.54	ng	99
27) 2,4-Dimethylphenol	7.81	122	536120	44.47	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	682706	46.35	ng	99
29) 2,4-Dichlorophenol	8.00	162	457616	43.15	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	549440	46.21	ng	97
31) Naphthalene	8.17	128	1831013	49.77	ng	99
32) Benzoic acid	7.89	122	129769	14.60	ng	# 66
33) 4-Chloroaniline	8.22	127	387961	24.67	ng	98
34) Hexachlorobutadiene	8.29	225	298753	40.86	ng	96
35) Caprolactam	8.60	113	25335	8.31	ng	# 81
36) 4-Chloro-3-methylphenol	8.70	107	513934	44.88	ng	88
37) 2-Methylnaphthalene	8.86	142	1139964	45.61	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	554282	45.39	ng	99
40) Hexachlorocyclopentadiene	9.02	237	515569	91.08	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	380259	47.91	nq	95
43) 2,4,5-Trichlorophenol	9.18	196	365697	45.98	nq	94
45) 1,1'-Biphenyl	9.33	154	1353842	43.46	nq	97
46) 2-Chloronaphthalene	9.35	162	985044	42.46	nq	97
47) 2-Nitroaniline	9.44	65	349926	42.00	nq	# 76
48) Acenaphthylene	9.76	152	1634058	44.75	nq	99
49) Dimethylphthalate	9.64	163	1276913	48.68	nq	98
50) 2,6-Dinitrotoluene	9.69	165	320349	54.64	nq	# 74
51) Acenaphthene	9.94	154	1173241	47.63	nq	94
52) 3-Nitroaniline	9.85	138	152494	22.47	nq	99
53) 2,4-Dinitrophenol	9.96	184	212383	82.84	nq	# 73
54) Dibenzofuran	10.12	168	1532664	46.47	nq	# 88
55) 4-Nitrophenol	10.01	139	193823	39.55	nq	89
56) 2,4-Dinitrotoluene	10.09	165	413606	54.39	nq	# 79
57) Fluorene	10.45	166	1113214	43.97	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	337152	49.64	nq	95
59) Diethylphthalate	10.33	149	1257762	48.58	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	576976	45.44	nq	94
61) 4-Nitroaniline	10.47	138	243847	38.27	nq	90
62) Azobenzene	10.61	77	1425193	53.95	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	173615	43.57	nq	92
65) n-Nitrosodiphenylamine	10.56	169	983397	44.84	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	394088	50.69	nq	# 77
67) Hexachlorobenzene	11.00	284	358361	42.66	nq	# 77
68) Atrazine	11.10	200	350852	49.40	nq	92
69) Pentachlorophenol	11.19	266	419048	84.72	nq	97
70) Phenanthrene	11.41	178	1587836	42.24	nq	99
71) Anthracene	11.46	178	1851637	49.64	nq	100
72) Carbazole	11.61	167	1382231	40.83	nq	99
73) Di-n-butylphthalate	11.96	149	1996642	52.05	nq	100
74) Fluoranthene	12.60	202	1731493	48.63	nq	99
76) Benzidine	12.71	184	357118	25.31	nq	97
77) Pyrene	12.82	202	1751155	48.01	nq	99
79) Butylbenzylphthalate	13.45	149	748995	54.83	nq	# 78
80) Benzo(a)anthracene	14.01	228	1292711	45.99	nq	98
81) 3,3'-Dichlorobenzidine	13.98	252	340512	34.39	nq	# 98
82) Chrysene	14.05	228	1256924	45.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1002969	57.93	nq	# 93
84) Di-n-octyl phthalate	14.62	149	1478060	56.42	nq	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1275994	50.09	nq	95
87) Benzo(b)fluoranthene	15.04	252	1220619	45.60	nq	# 96
88) Benzo(k)fluoranthene	15.07	252	1076059m	47.80	nq	
89) Benzo(a)pyrene	15.40	252	1096244	45.60	nq	# 94
90) Dibenzo(a,h)anthracene	16.88	278	1033467	46.48	nq	# 93
91) Benzo(g,h,i)perylene	17.28	276	1076581	46.96	nq	99

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

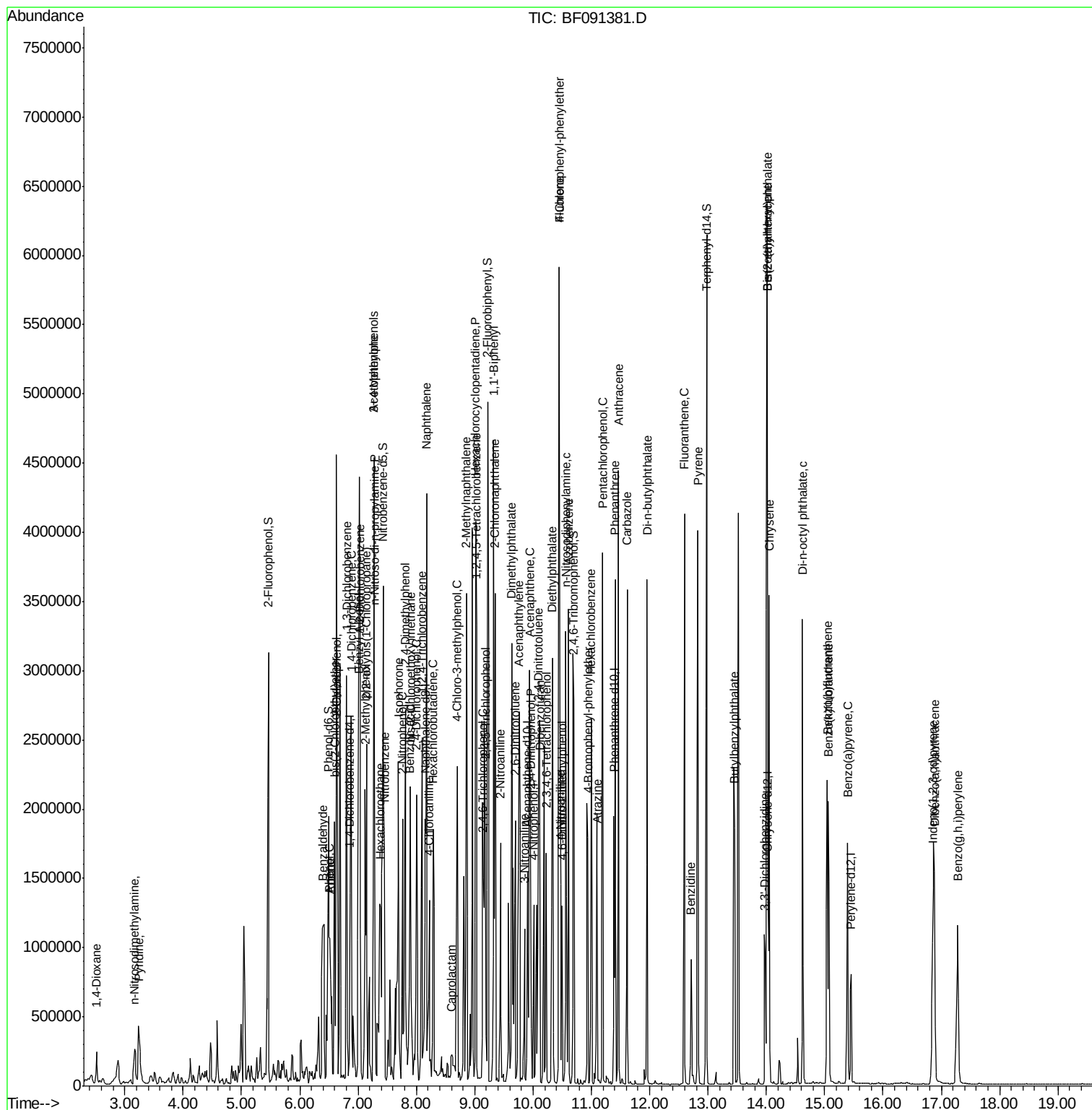
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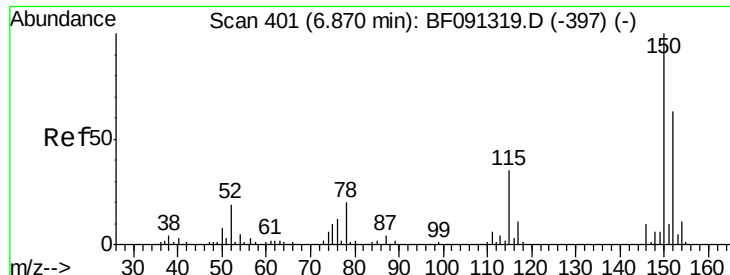
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PMW-1A-112916MS

Tot Ion:152 Resp: 187360

Ion Ratio Lower Upper

152 100

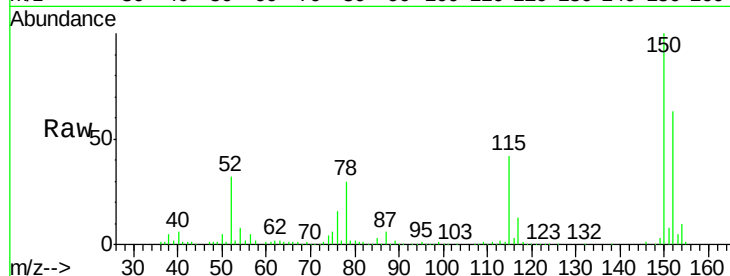
150 158.7 122.5 183.7

115 66.7 51.8 77.8

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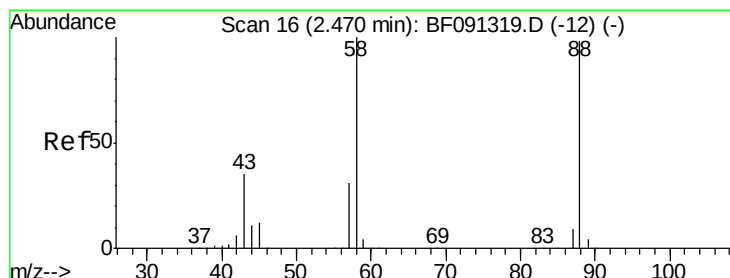
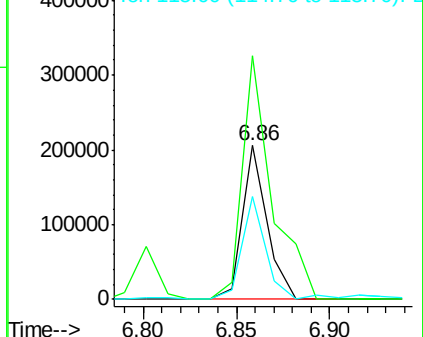
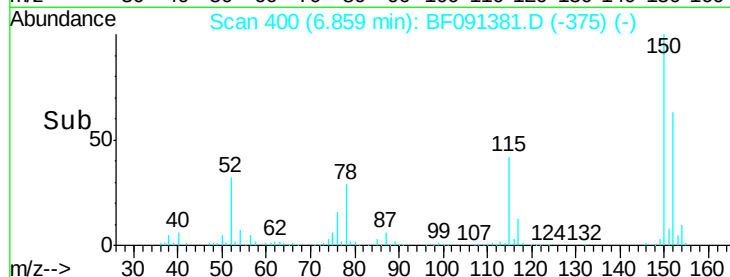
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 17.62 ng

RT: 2.52 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

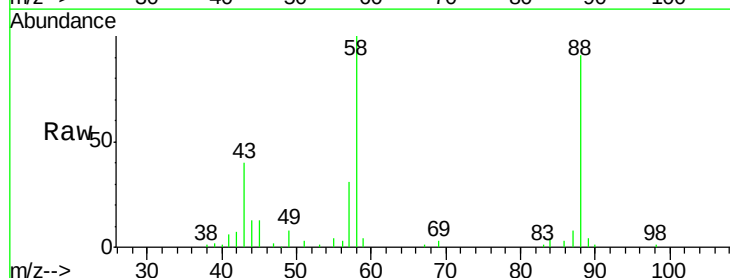
Tgt Ion: 88 Resp: 91398

Ion Ratio Lower Upper

88 100

58 105.3 70.3 105.5

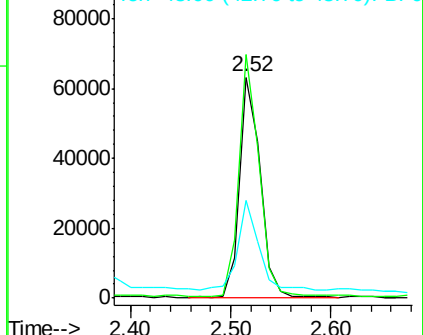
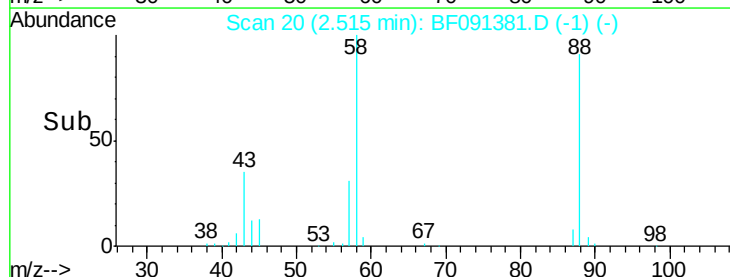
43 40.4 31.3 46.9

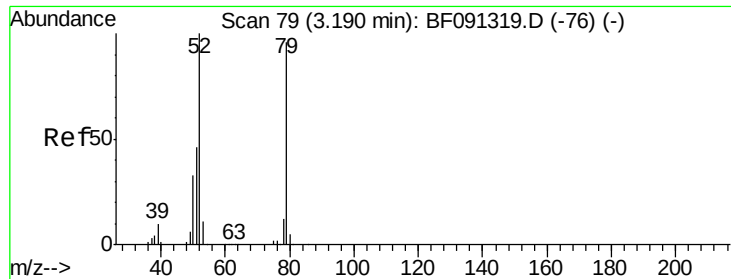


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 15.21 ng

RT: 3.24 min Scan# 83

Delta R.T. 0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

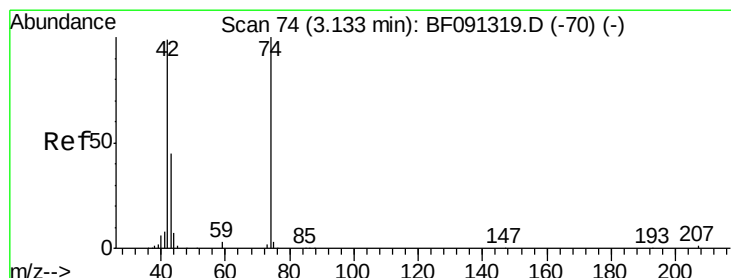
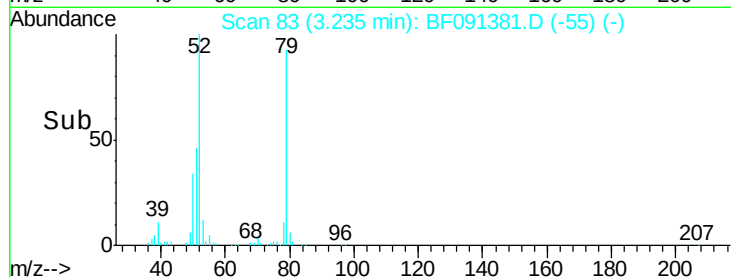
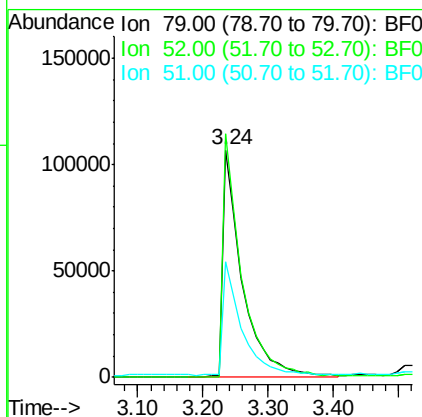
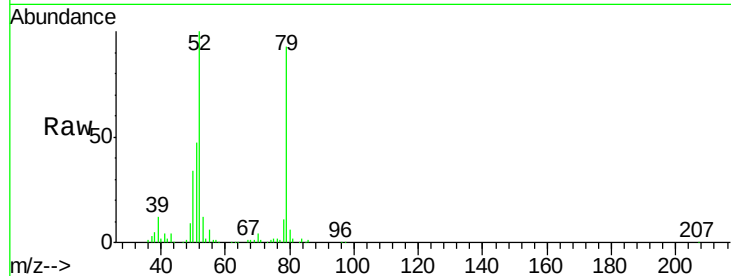
ClientSampleId :

PMW-1A-112916MS

Tot Ion:	79	Resp:	223316
Ion Ratio	Lower	Upper	
79	100		
52	107.3	71.0	106.4#
51	50.9	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 20.58 ng

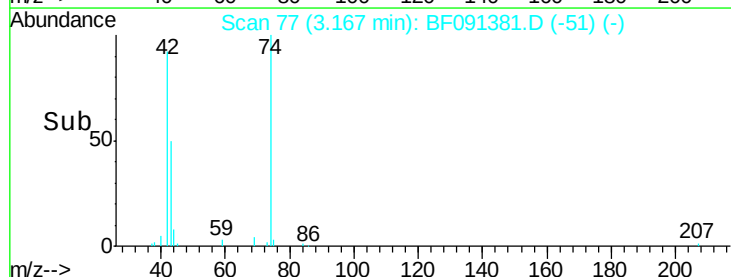
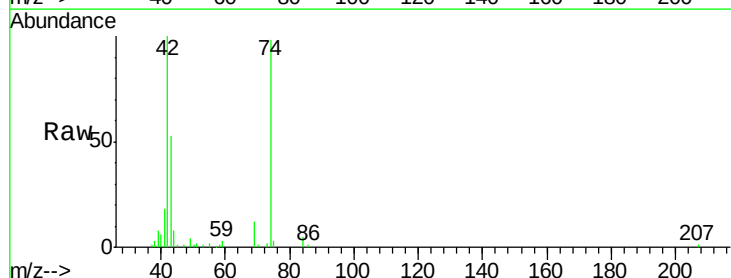
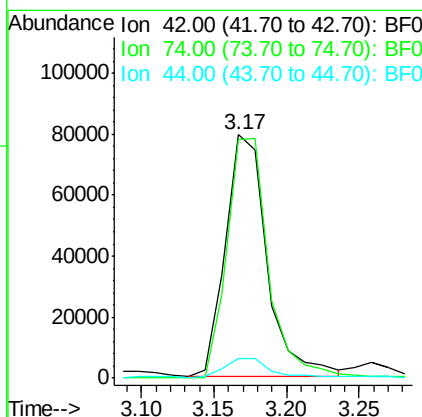
RT: 3.17 min Scan# 77

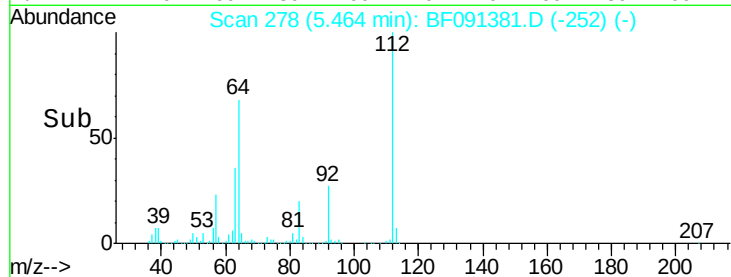
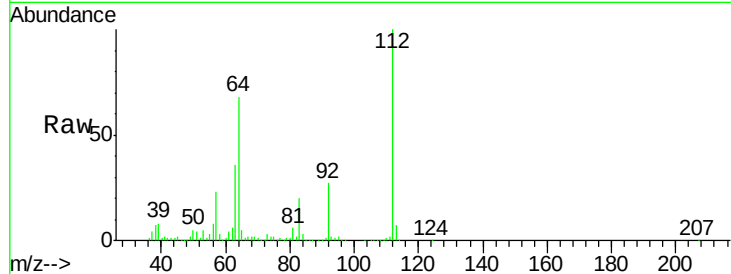
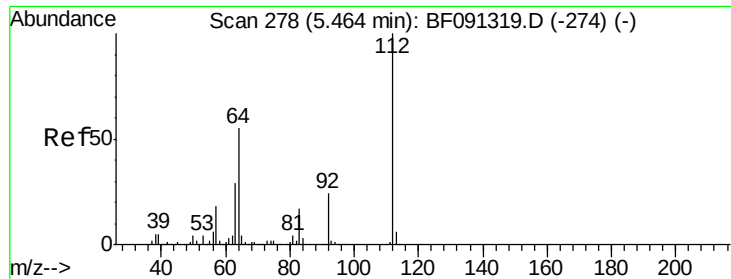
Delta R.T. -0.01 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion:	42	Resp:	158587
Ion Ratio	Lower	Upper	
42	100		
74	97.8	78.9	118.3
44	8.0	5.8	8.6





#5

2-Fluorophenol

Concen: 72.26 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tot Ion:	112	Resp:	828778
Ion Ratio	Lower	Upper	
112	100		
64	67.9	61.5	92.3
63	36.2	33.3	49.9

Instrument :

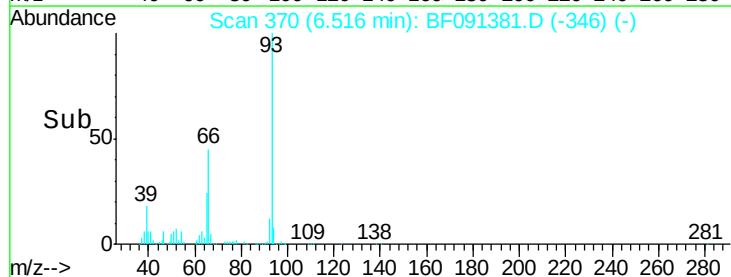
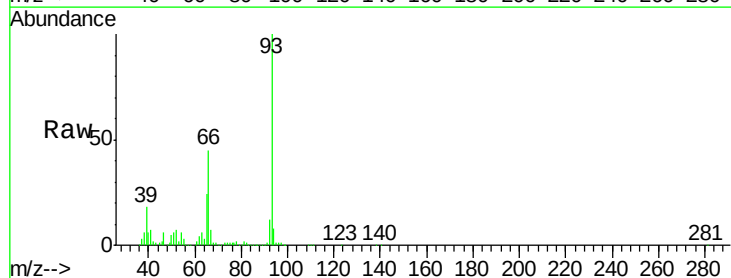
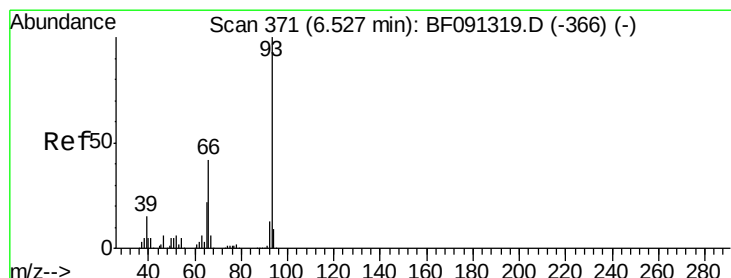
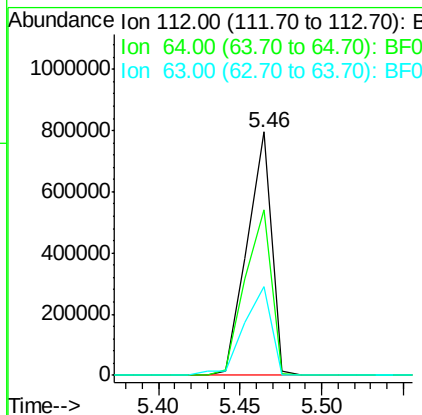
BNA_F

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#6

Aniline

Concen: 24.82 ng

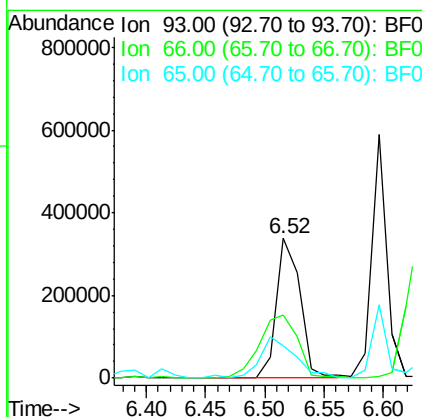
RT: 6.52 min Scan# 370

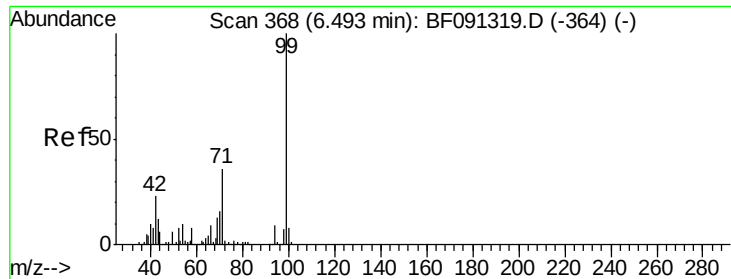
Delta R.T. -0.03 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion:	93	Resp:	465533
Ion Ratio	Lower	Upper	
93	100		
66	44.7	55.8	83.6#
65	23.6	29.9	44.9#





#7

Phenol-d6

Concen: 48.78 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

ClientSampleId :

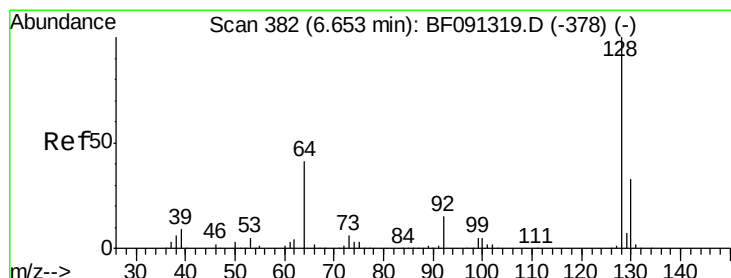
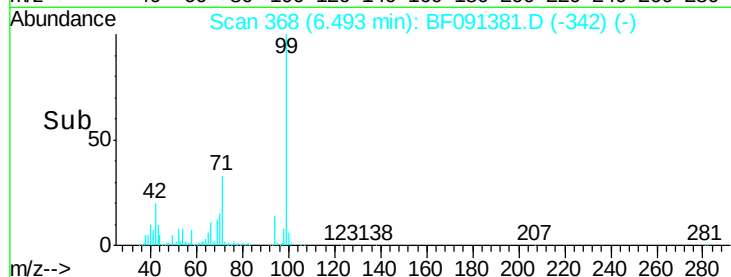
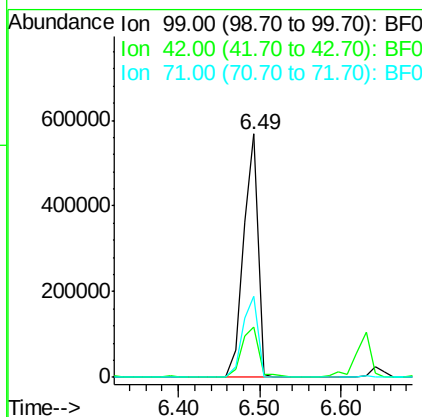
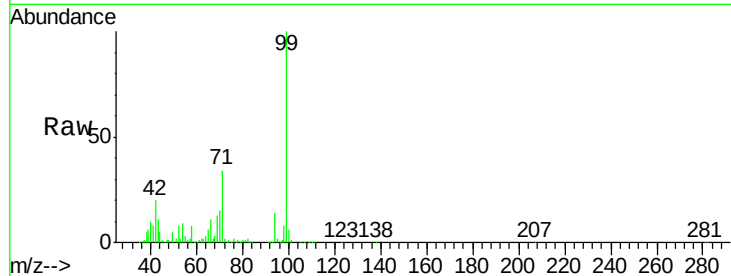
PMW-1A-112916MS

Tot Ion: 99 Resp: 688669

Ion	Ratio	Lower	Upper
99	100		
42	20.4	20.6	31.0#
71	33.5	29.9	44.9

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#8

2-Chlorophenol

Concen: 36.67 ng

RT: 6.64 min Scan# 381

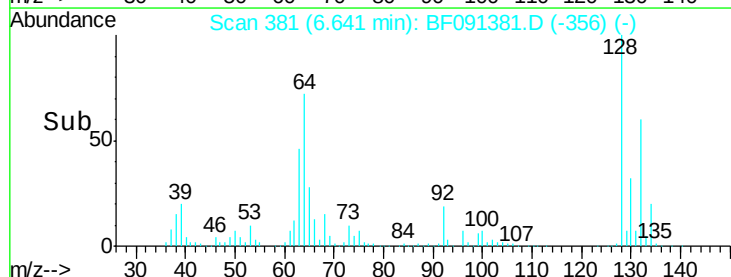
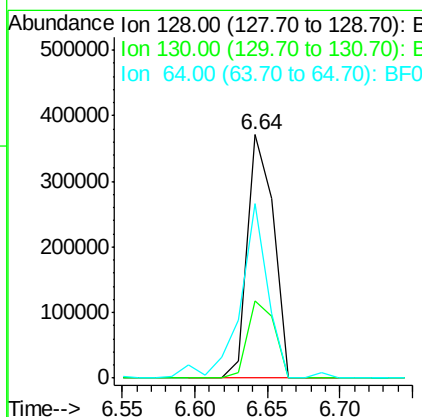
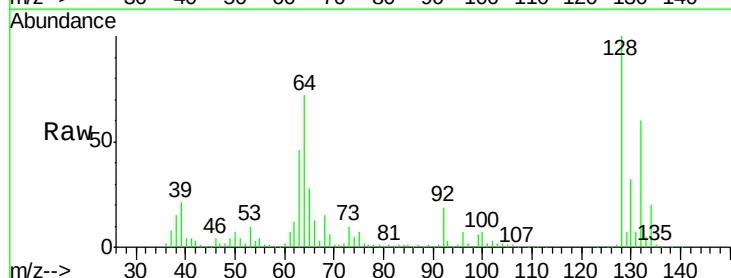
Delta R.T. -0.02 min

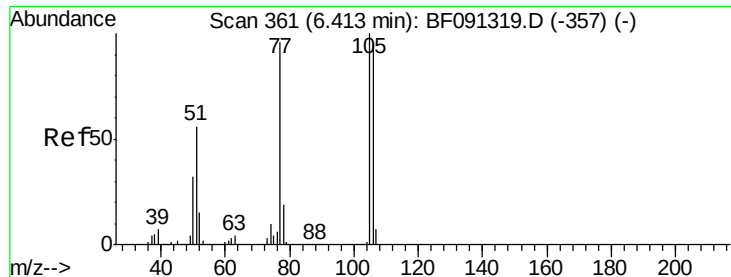
Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion: 128 Resp: 461158

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.1	53.1
64	71.7	24.1	64.1#





#9

Benzaldehyde

Concen: 30.18 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

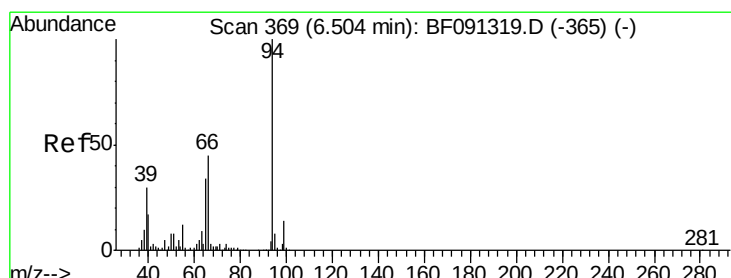
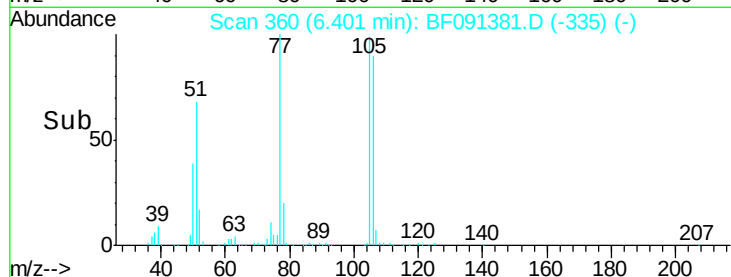
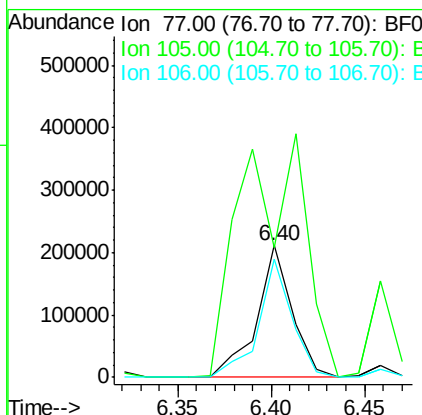
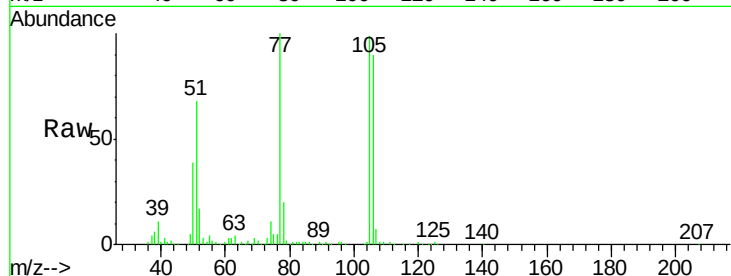
ClientSampleId :

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Tot Ion:	77	Resp:	273987
Ion Ratio	Lower	Upper	
77	100		
105	98.5	66.4	106.4
106	90.2	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 17.98 ng

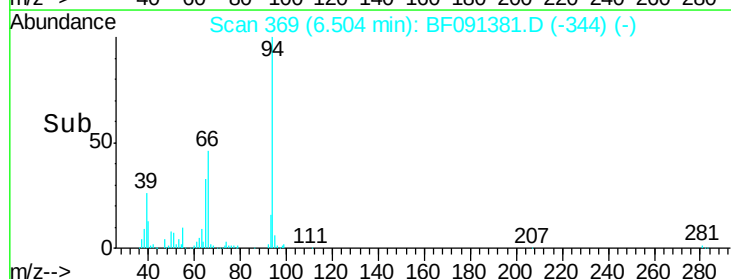
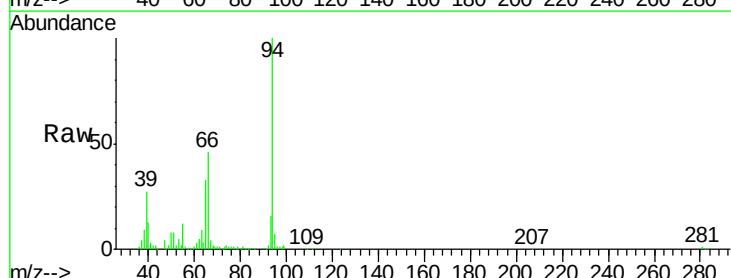
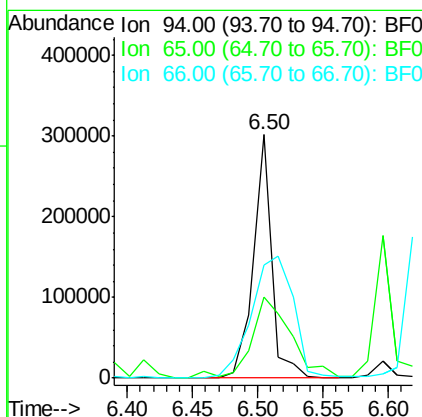
RT: 6.50 min Scan# 369

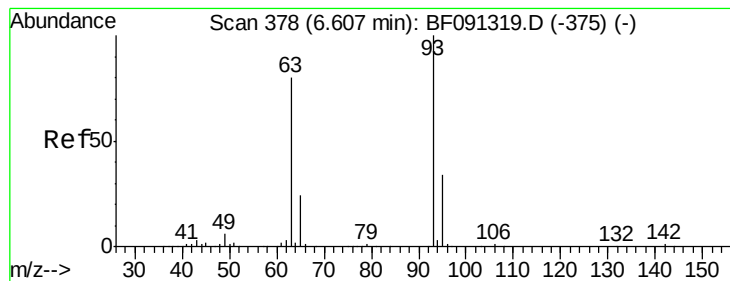
Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion:	94	Resp:	298700
Ion Ratio	Lower	Upper	
94	100		
65	33.4	16.9	56.9
66	46.2	30.6	70.6





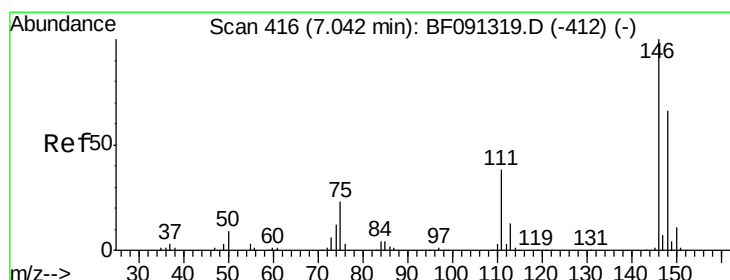
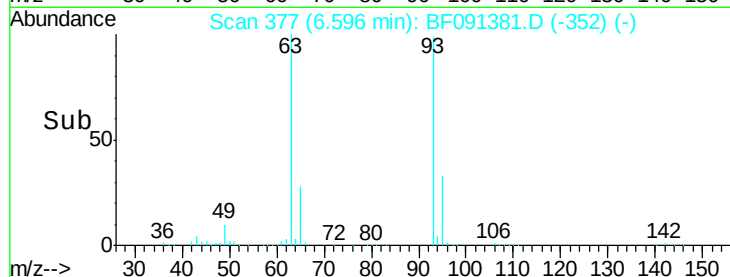
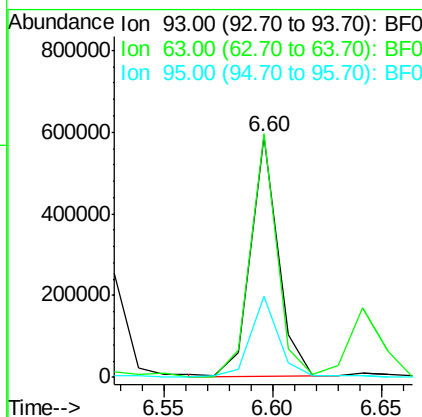
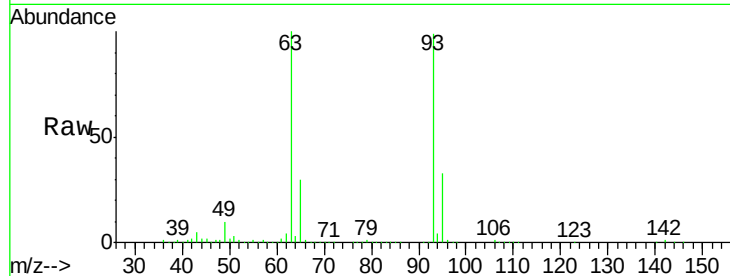
#11
bis(2-Chloroethyl)ether
Concen: 43.14 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	101.1	74.8	114.8
95	33.4	12.4	52.4

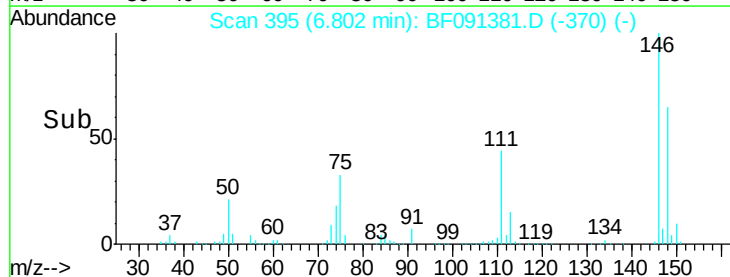
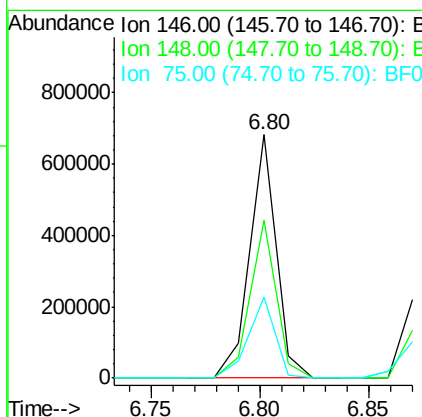
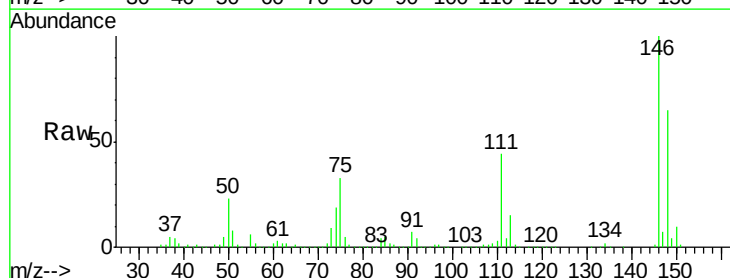
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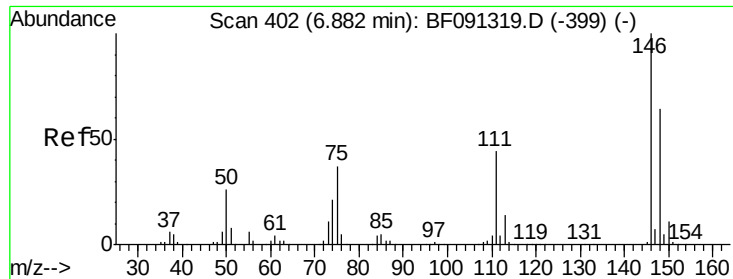
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#12
1,3-Dichlorobenzene
Concen: 41.30 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
75	33.1	23.6	35.4





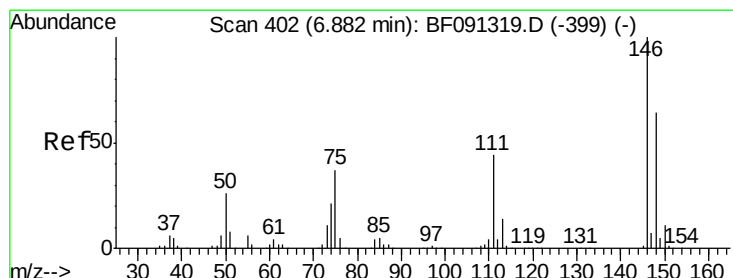
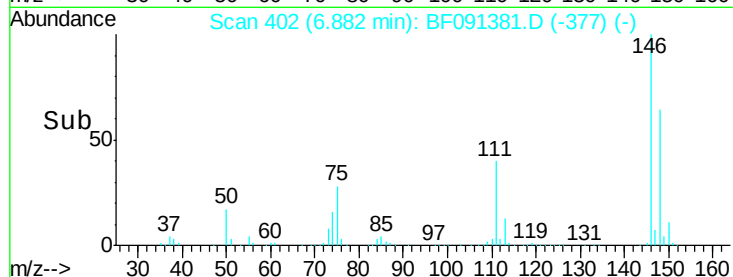
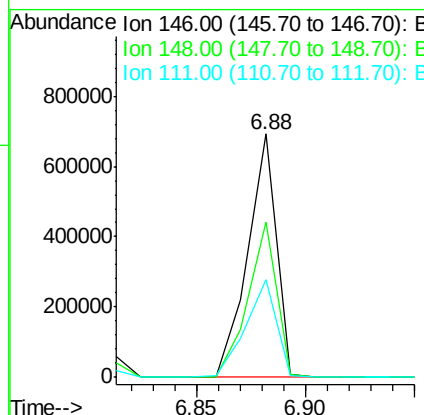
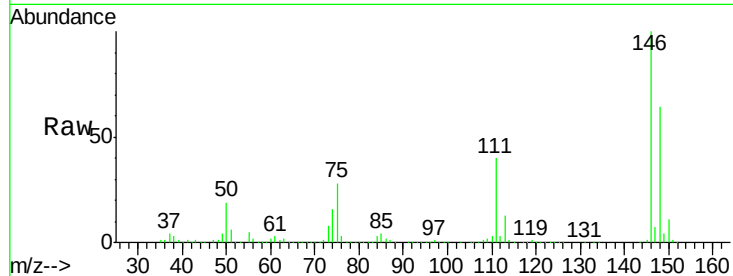
#13
1,4-Dichlorobenzene
Concen: 45.46 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	40.2	32.2	48.2

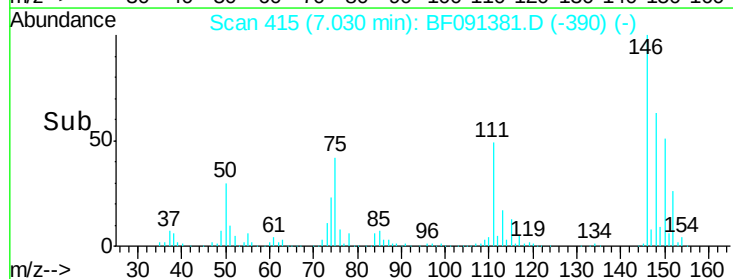
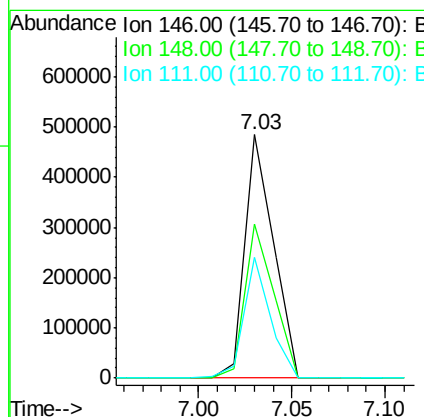
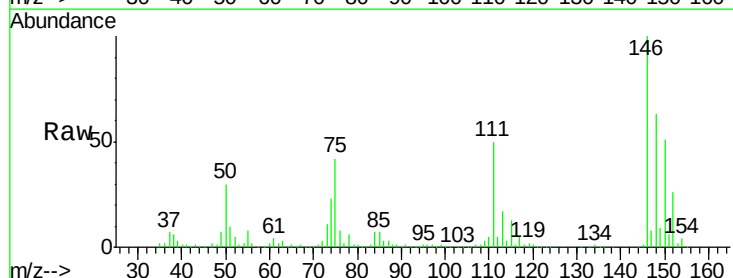
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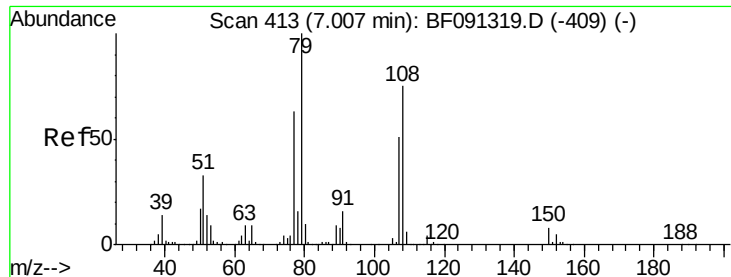
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#14
1,2-Dichlorobenzene
Concen: 39.81 ng
RT: 7.03 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	49.6	38.9	58.3





#15

Benzyl Alcohol

Concen: 33.77 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

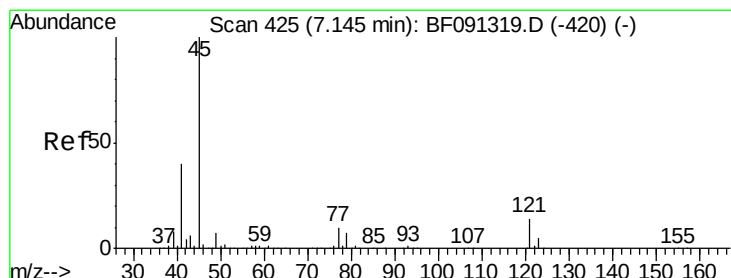
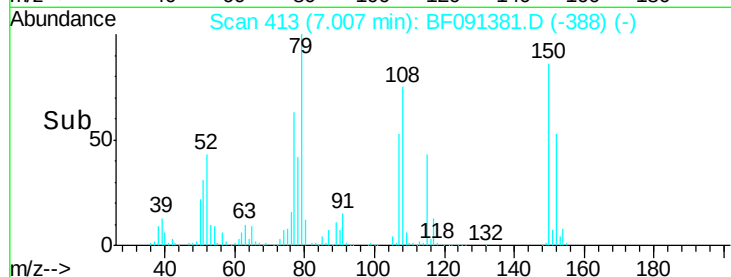
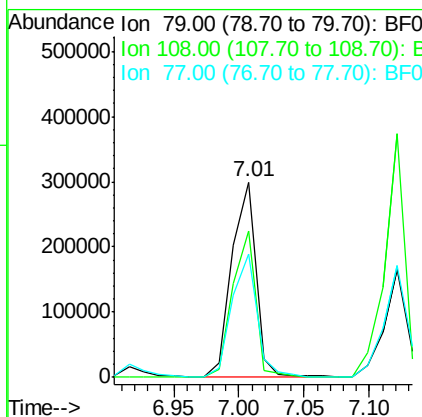
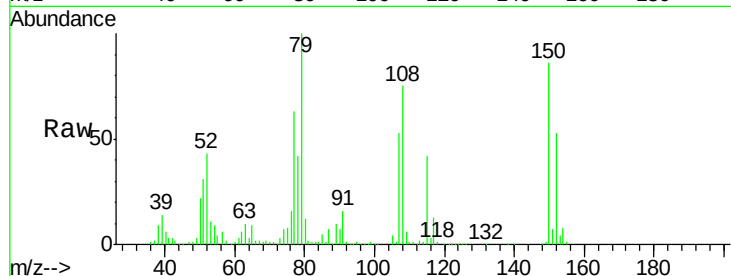
ClientSampleId :

PMW-1A-112916MS

Tot Ion:	79	Resp:	381595
Ion Ratio	Lower	Upper	
79	100		
108	74.7	62.7	94.1
77	63.4	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.84 ng

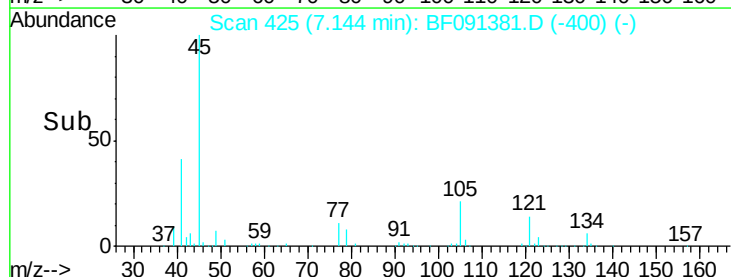
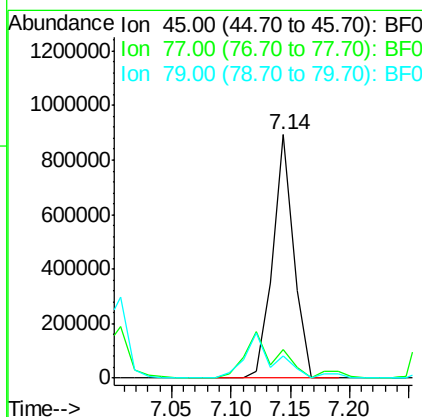
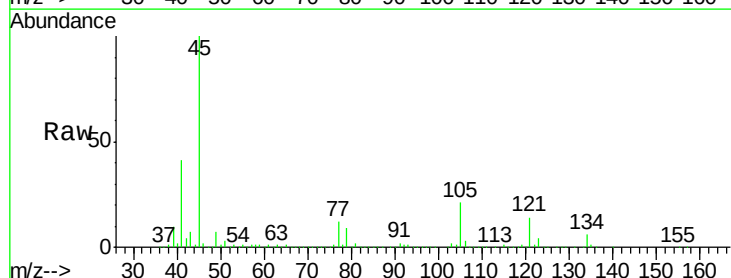
RT: 7.14 min Scan# 425

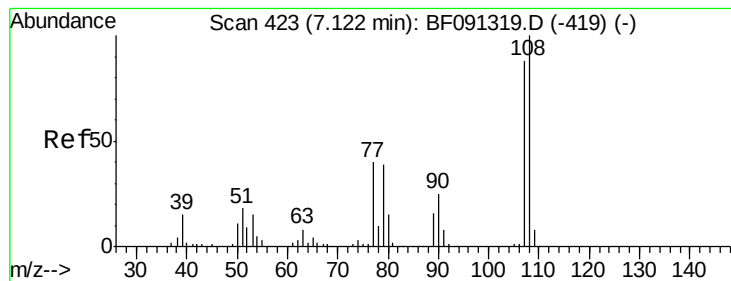
Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion:	45	Resp:	1093372
Ion Ratio	Lower	Upper	
45	100		
77	11.9	3.8	43.8
79	9.2	0.2	40.2





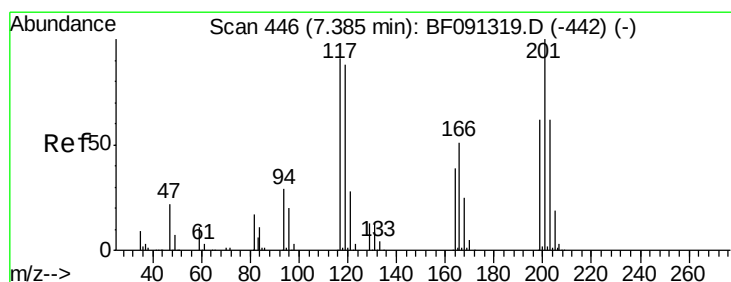
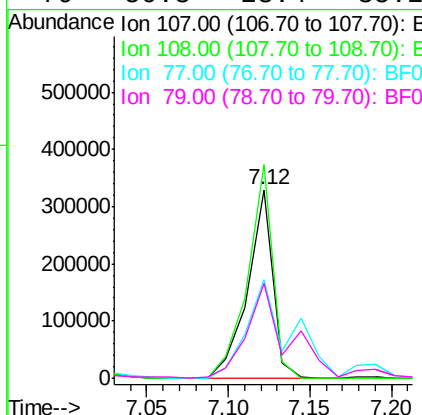
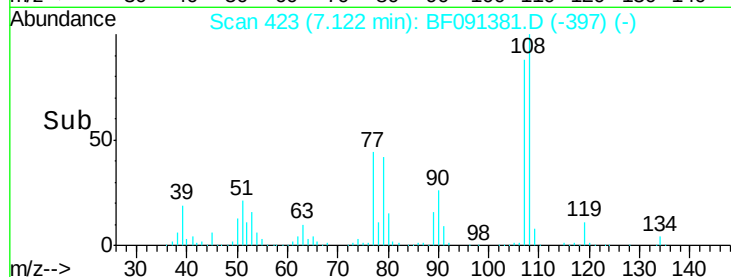
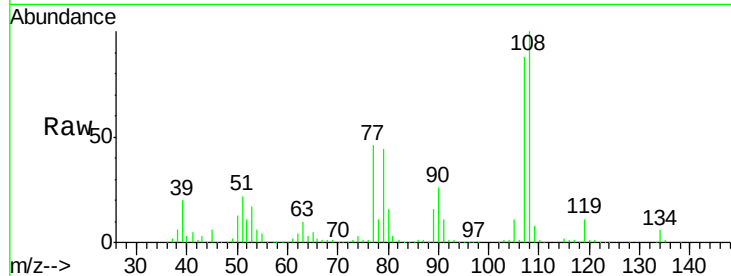
#17
2-Methylphenol
Concen: 35.45 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	67.7	101.5#
77	52.1	40.7	61.1
79	50.3	23.4	35.2#

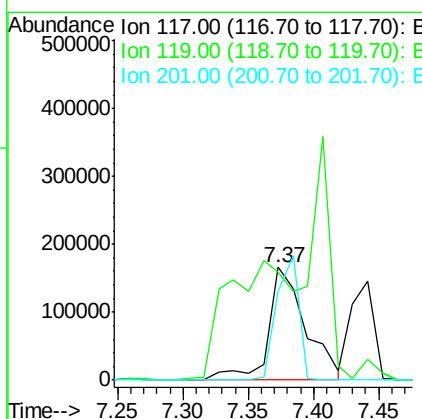
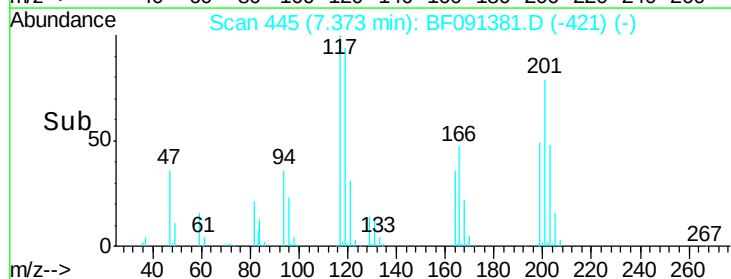
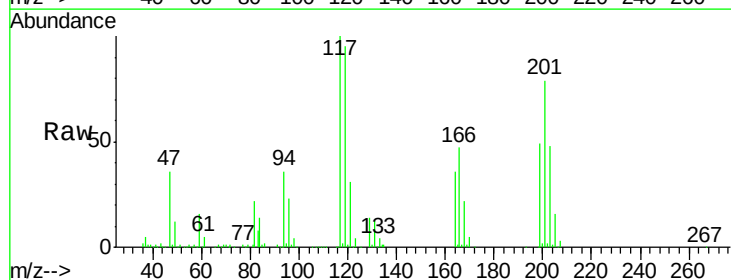
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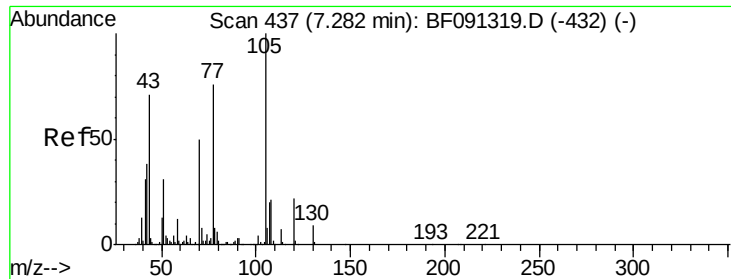
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#18
Hexachloroethane
Concen: 67.53 ng
RT: 7.37 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.6	118.0
201	78.6	86.7	130.1#





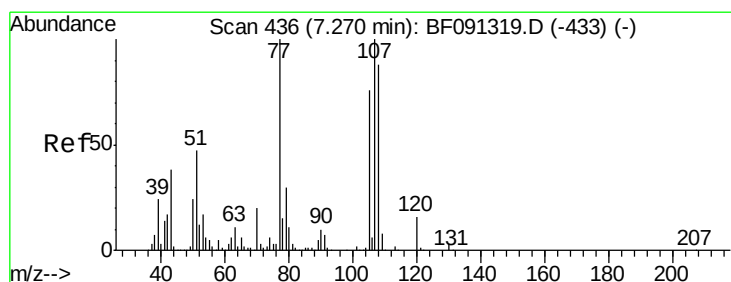
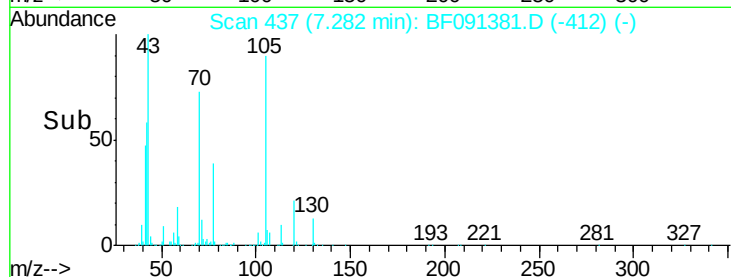
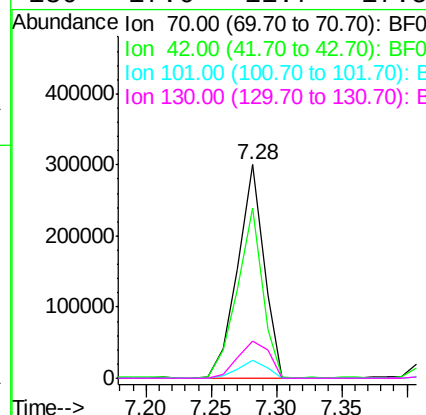
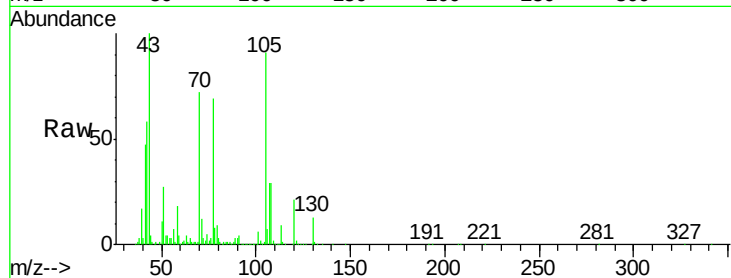
#19
n-Nitroso-di-n-propylamine
Concen: 47.29 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.9	64.8	97.2
101	8.5	6.2	9.4
130	17.6	11.7	17.5#

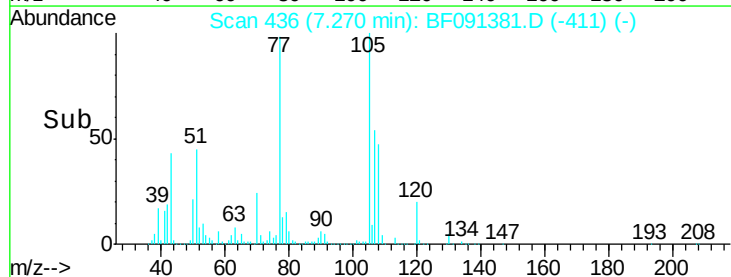
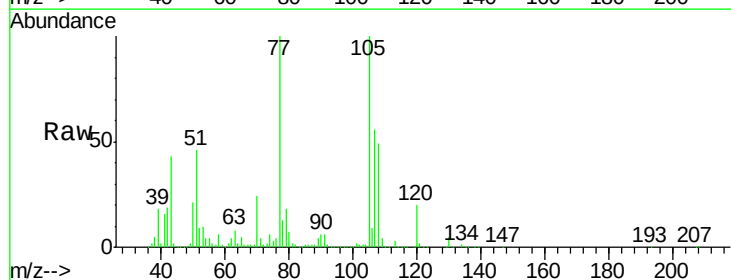
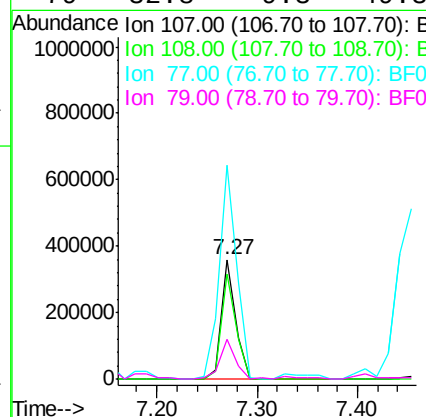
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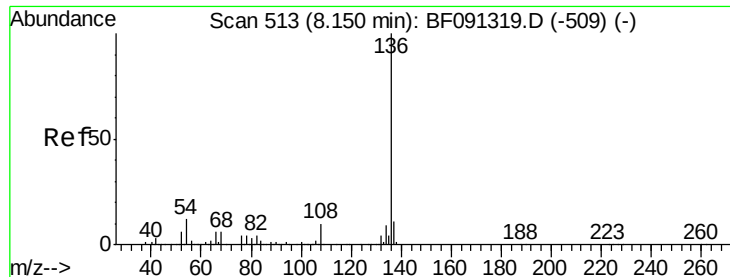
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#20
3+4-Methylphenols
Concen: 29.05 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.6	104.6
77	178.8	30.9	70.9#
79	32.8	9.3	49.3





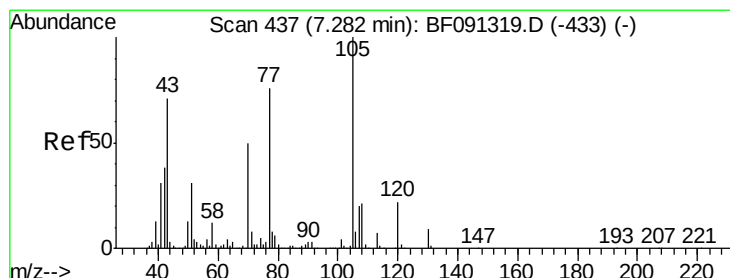
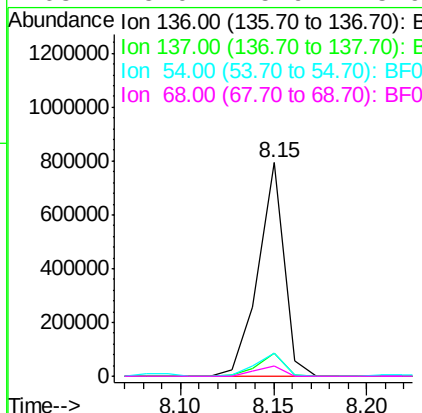
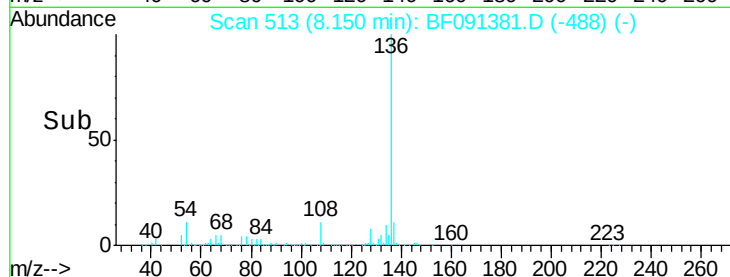
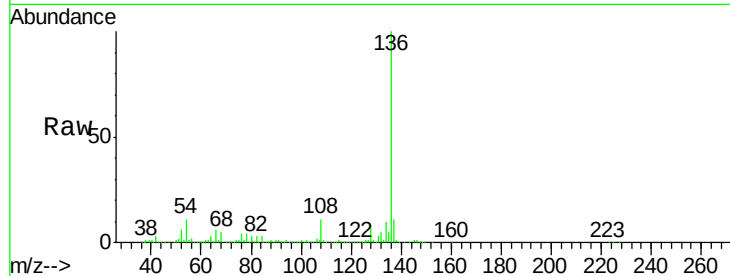
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.7	9.1	13.7
68	5.0	5.9	8.9#

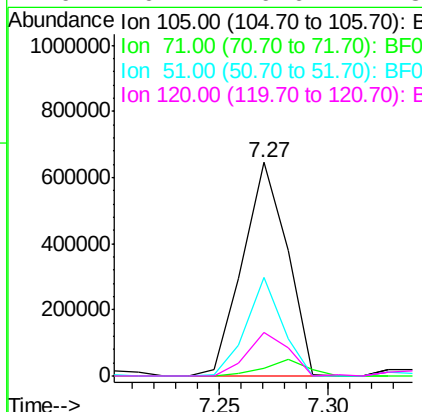
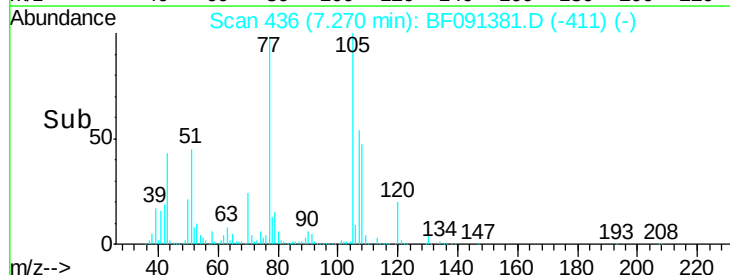
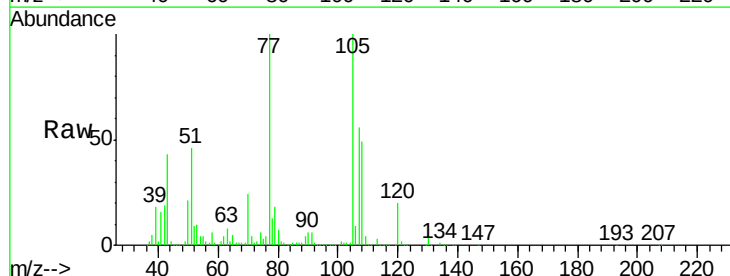
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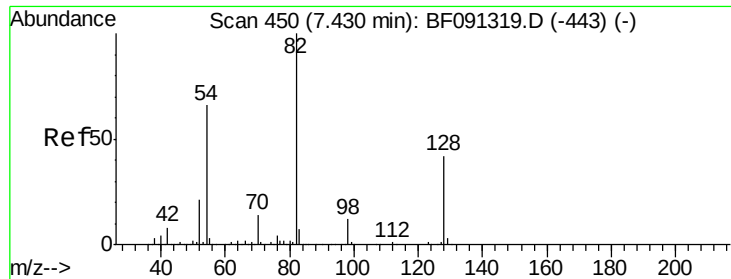
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#22
Acetophenone
Concen: 50.09 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.9	7.9	11.9#
51	46.0	24.5	36.7#
120	20.2	16.6	24.8





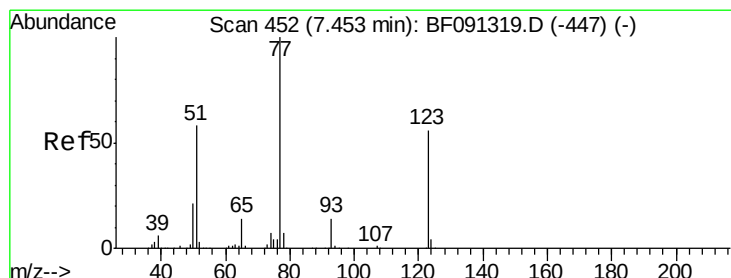
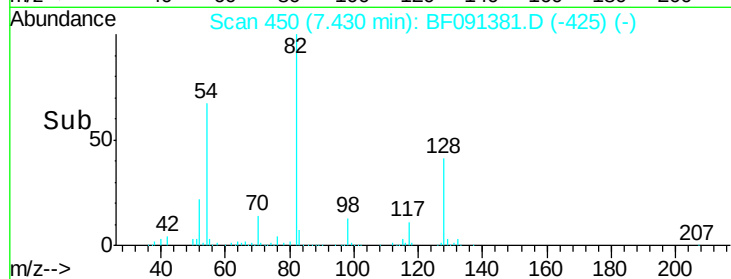
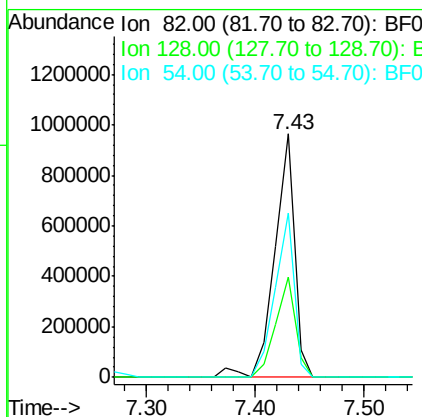
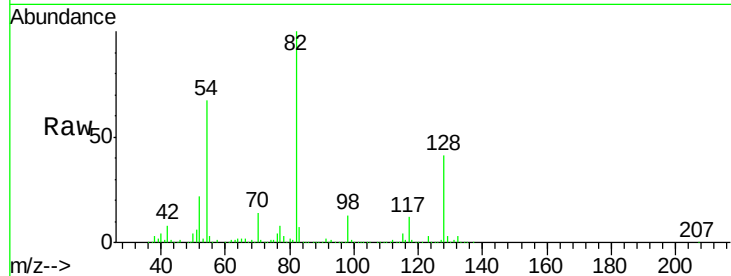
#23
 Nitrobenzene-d5
 Concen: 88.96 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.8	47.6
54	67.3	49.1	73.7

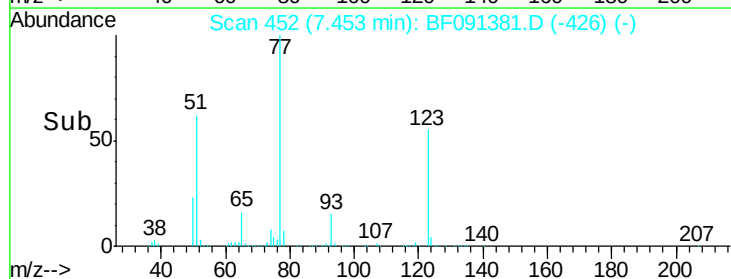
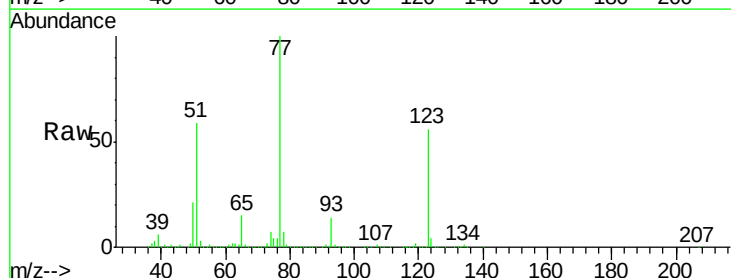
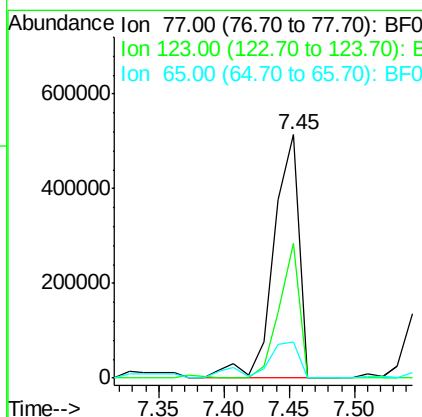
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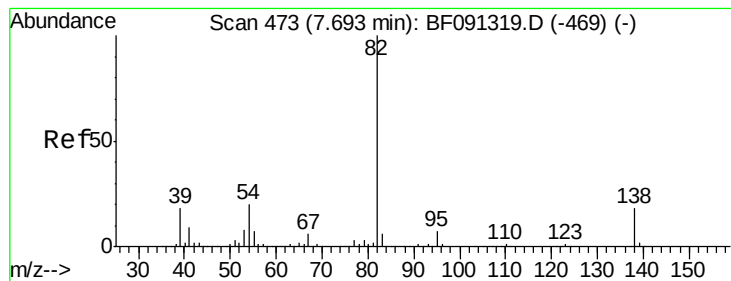
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#24
 Nitrobenzene
 Concen: 49.51 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.6	28.5	42.7#
65	14.8	12.5	18.7





#25

Isophorone

Concen: 49.54 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PMW-1A-112916MS

Tot Ion: 82 Resp: 1212255

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

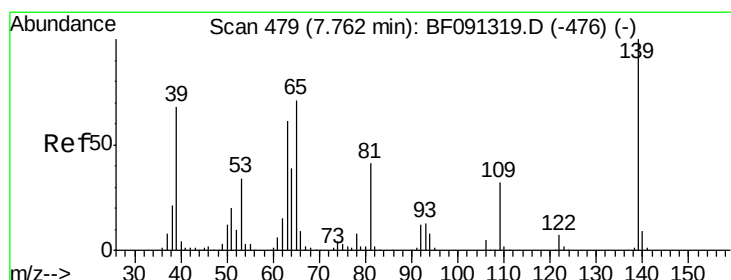
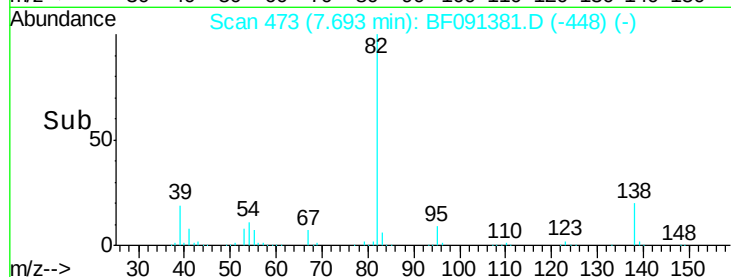
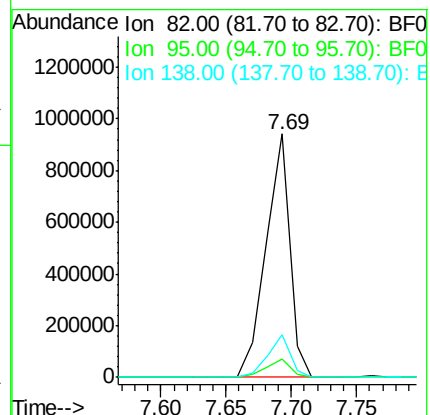
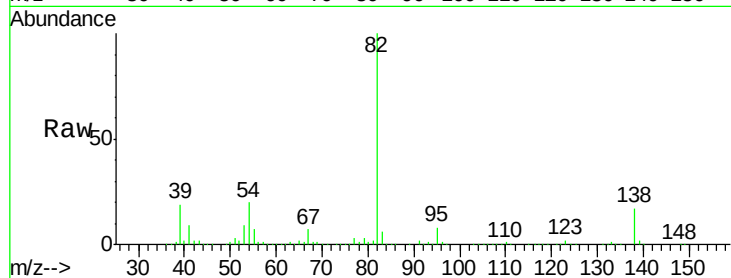
138 17.4 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.54 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

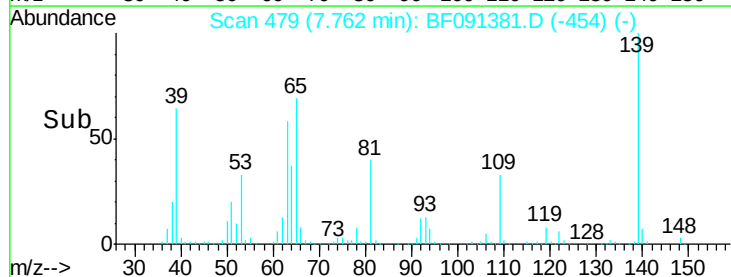
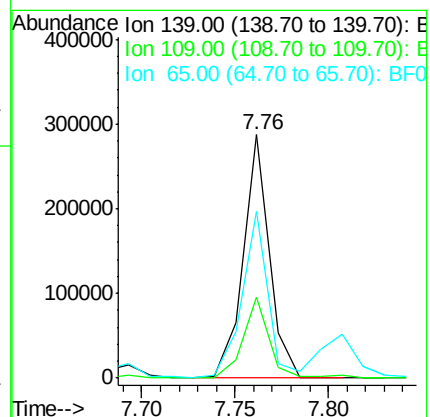
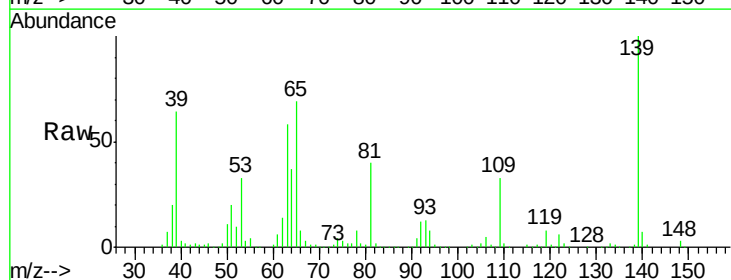
Tgt Ion: 139 Resp: 280583

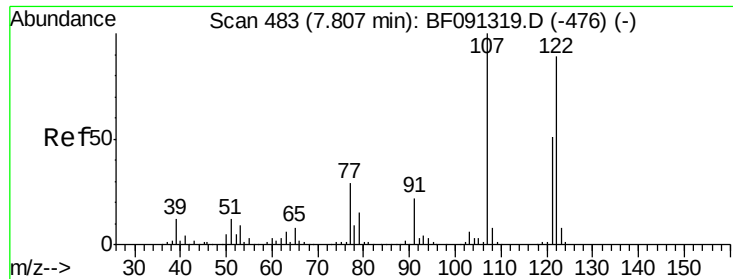
Ion Ratio Lower Upper

139 100

109 33.2 25.3 37.9

65 68.8 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 44.47 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

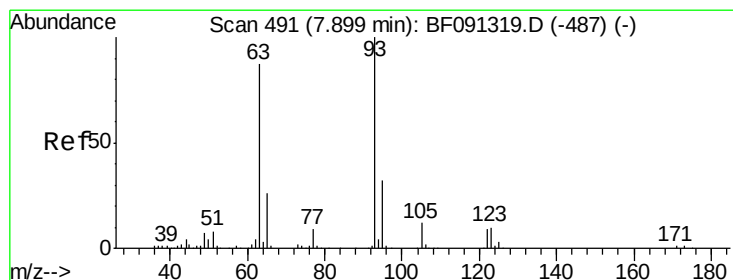
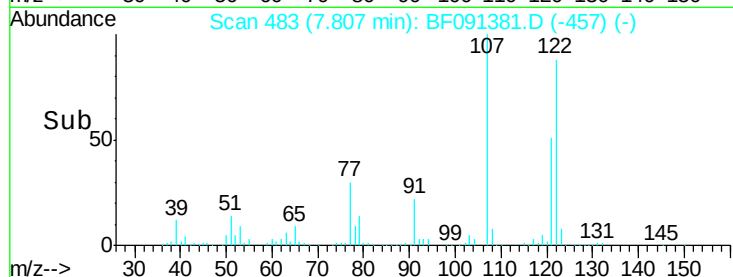
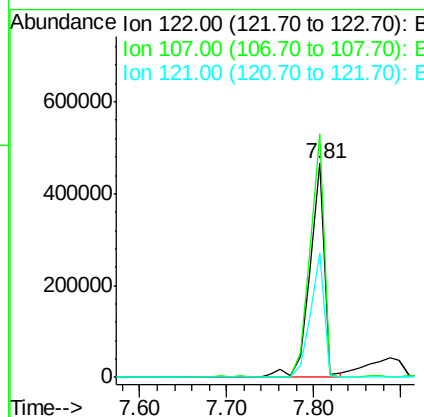
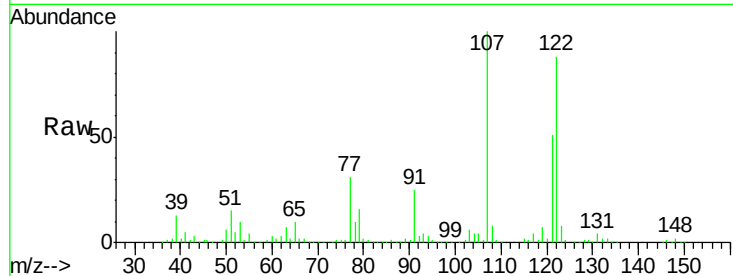
ClientSampleId :

PMW-1A-112916MS

Tot Ion:	122	Resp:	536120
Ion Ratio	Lower	Upper	
122	100		
107	113.7	96.8	145.2
121	58.2	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 46.35 ng

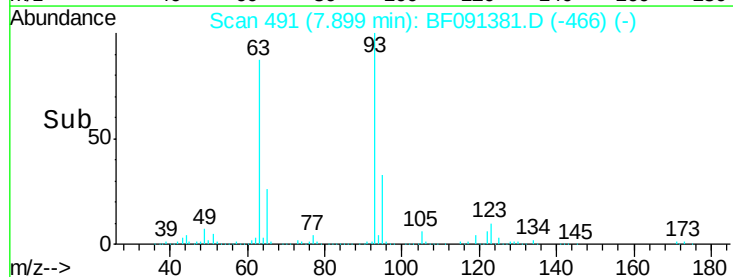
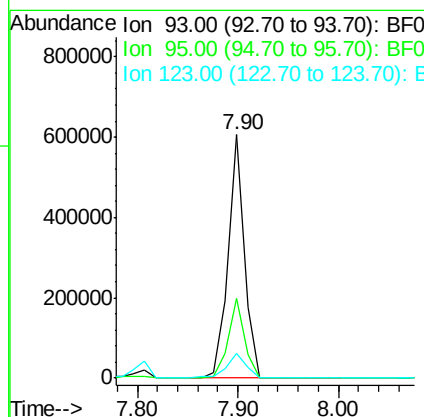
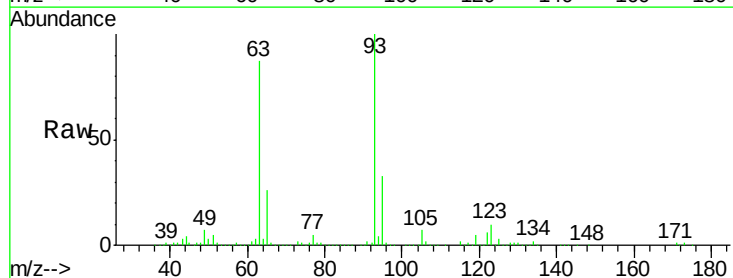
RT: 7.90 min Scan# 491

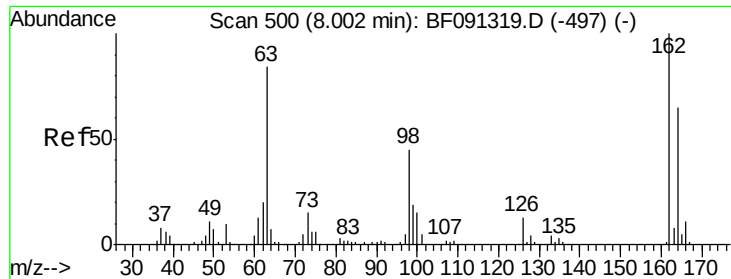
Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion:	93	Resp:	682706
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.0	39.0
123	10.4	8.6	12.8





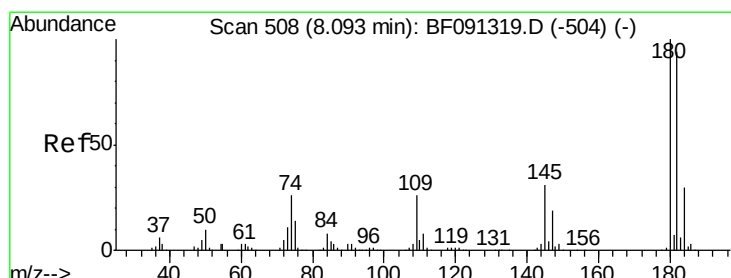
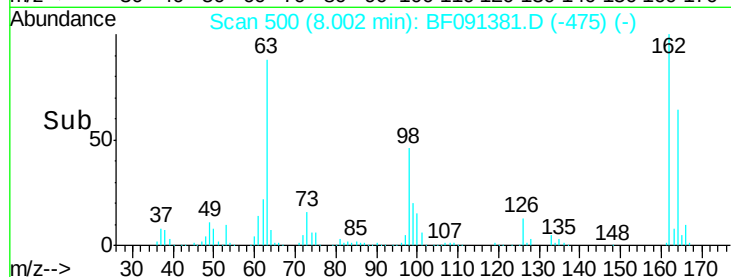
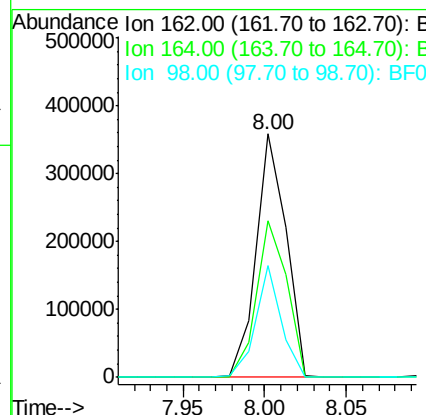
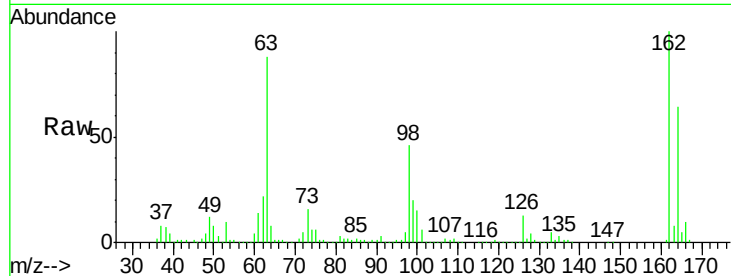
#29
 2,4-Dichlorophenol
 Concen: 43.15 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.5	45.0	85.0	
98	46.1	21.3	61.3	

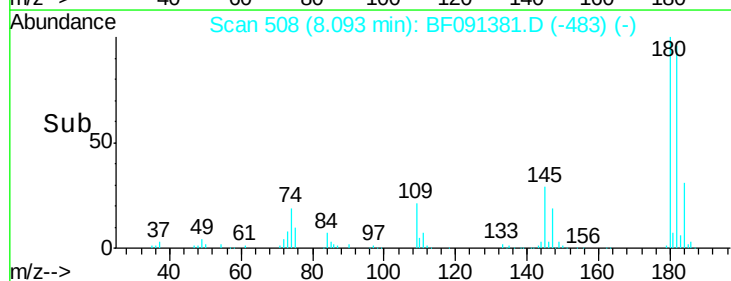
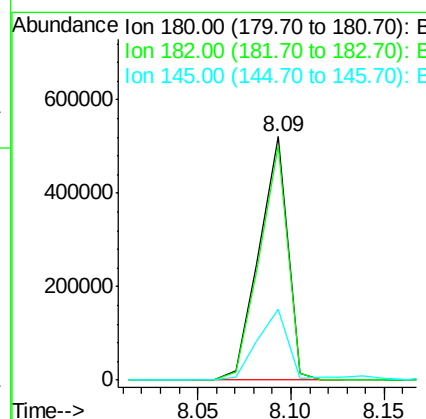
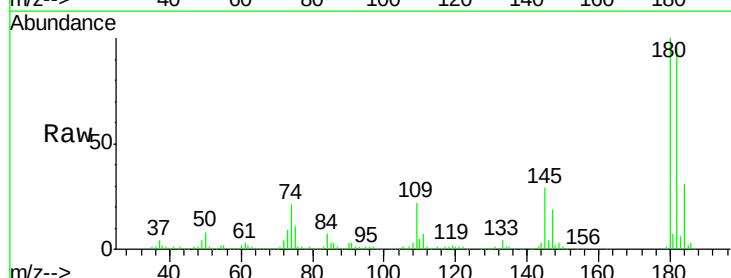
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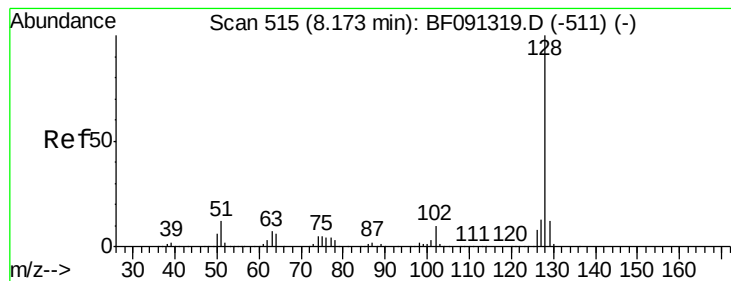
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.21 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	75.8	113.8	
145	29.0	27.0	40.4	





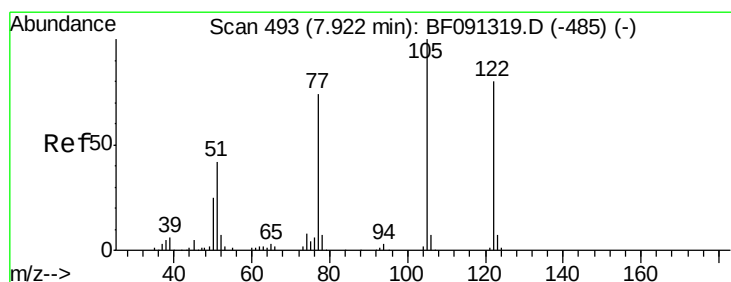
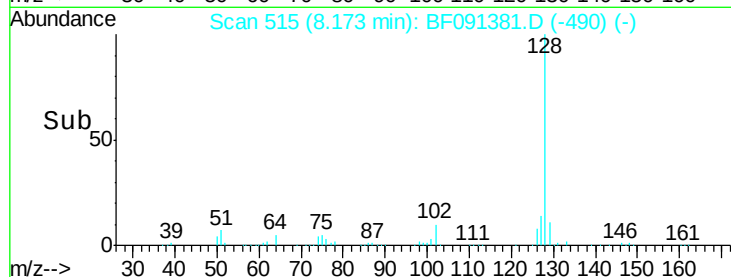
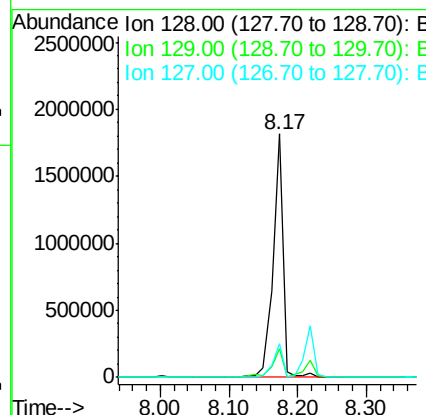
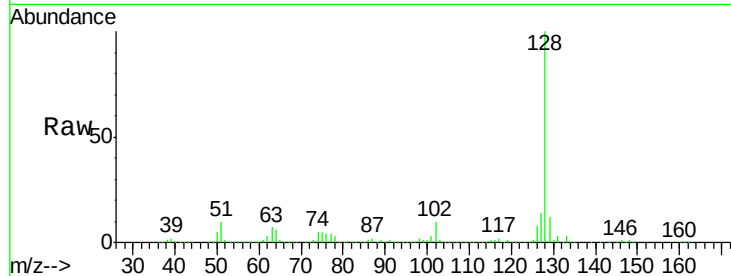
#31
Naphthalene
Concen: 49.77 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.9	11.0	16.4

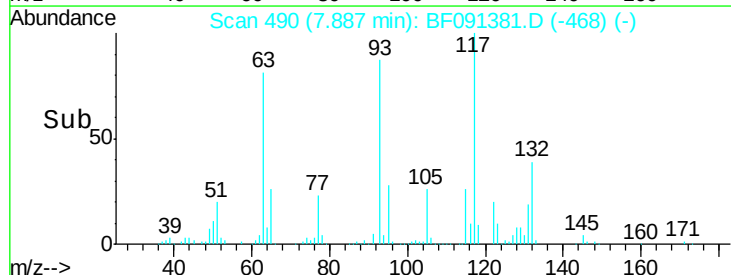
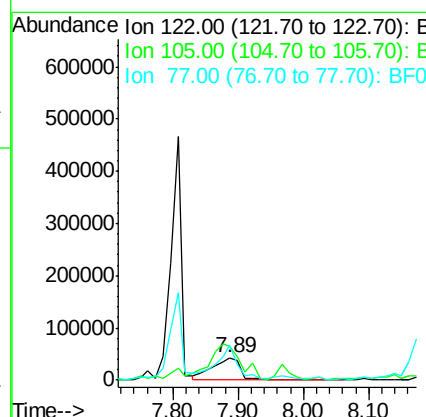
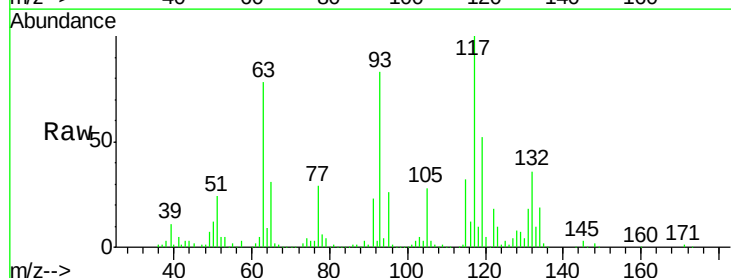
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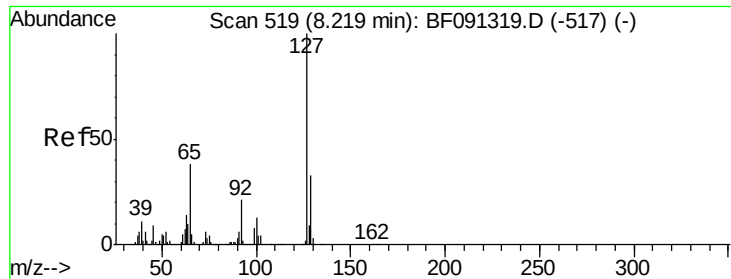
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#32
Benzoic acid
Concen: 14.60 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	153.2	113.0	153.0#
77	159.3	82.0	122.0#





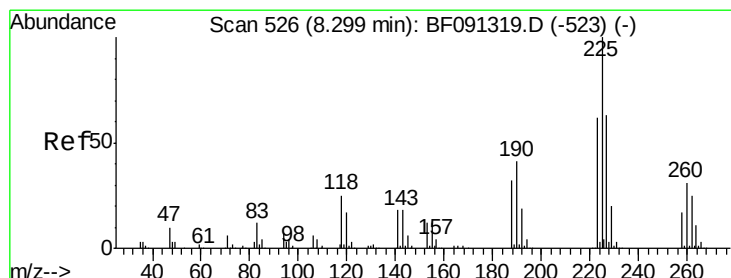
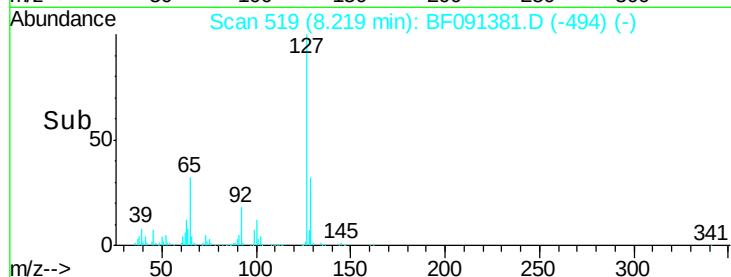
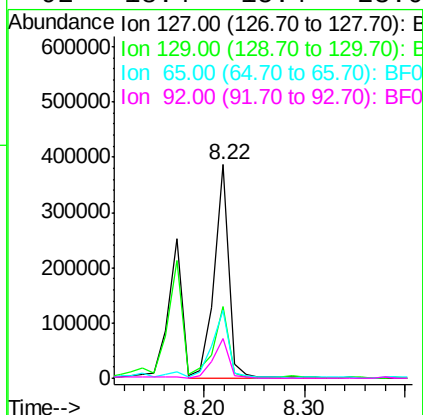
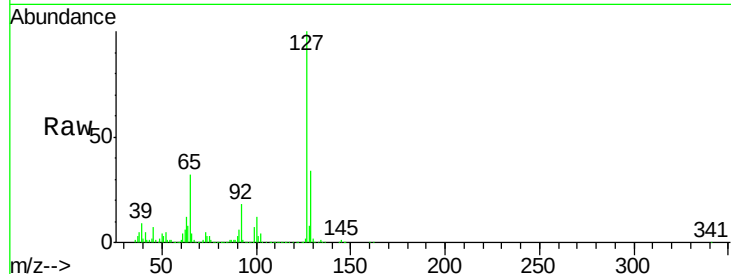
#33
4-Chloroaniline
Concen: 24.67 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.2	39.4		
65	31.8	26.6	39.8		
92	18.4	15.4	23.0		

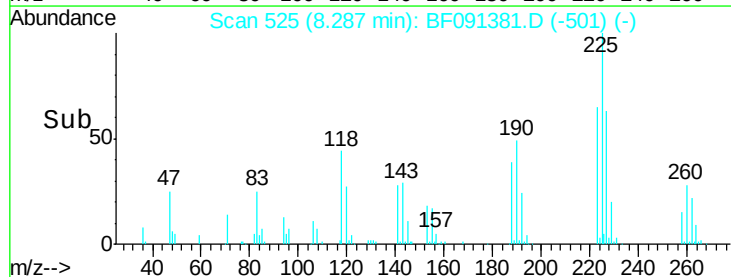
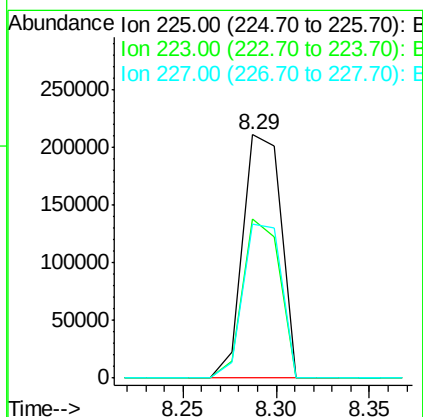
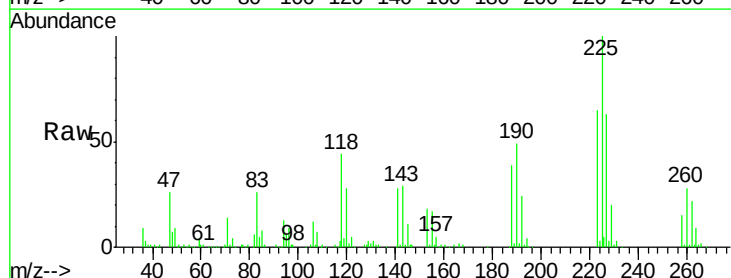
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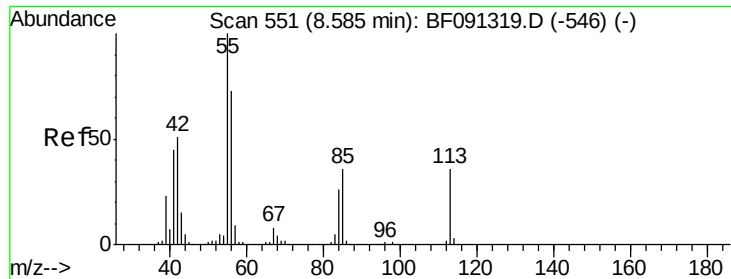
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#34
Hexachlorobutadiene
Concen: 40.86 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	49.8	74.6		
227	63.3	52.6	79.0		





#35

Caprolactam

Concen: 8.31 ng

RT: 8.60 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

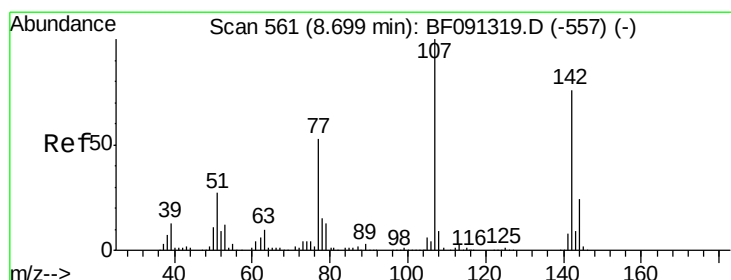
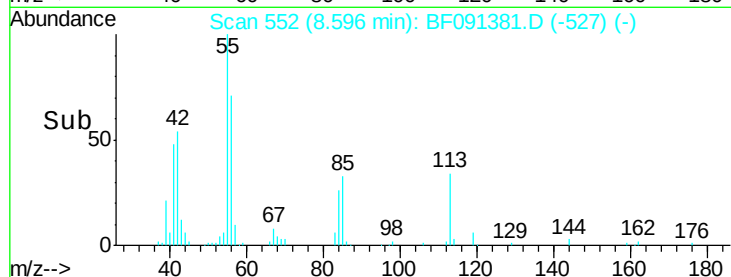
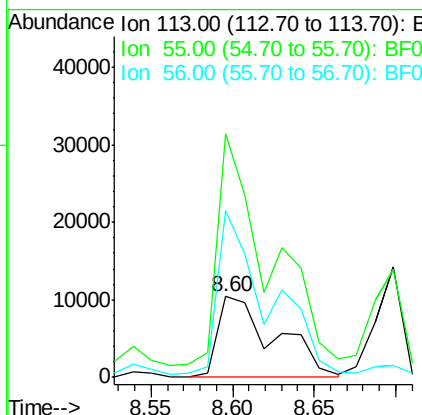
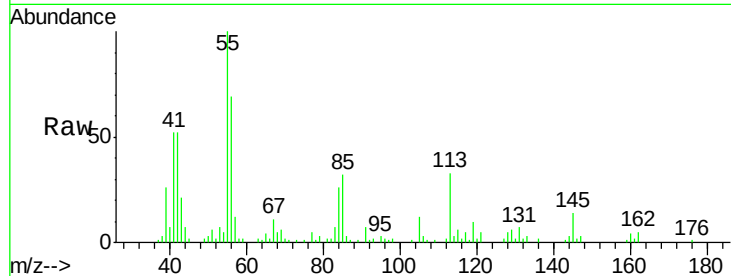
ClientSampleId :

PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	300.7	239.8	279.8#
56	206.3	165.6	205.6#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.88 ng

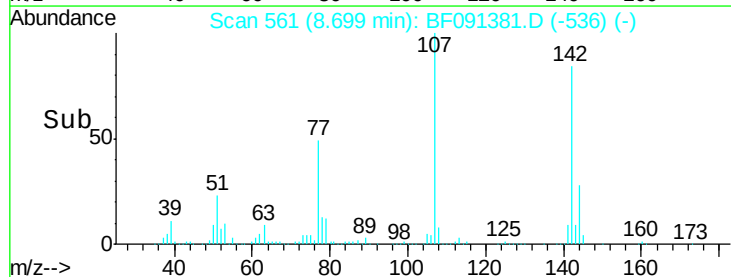
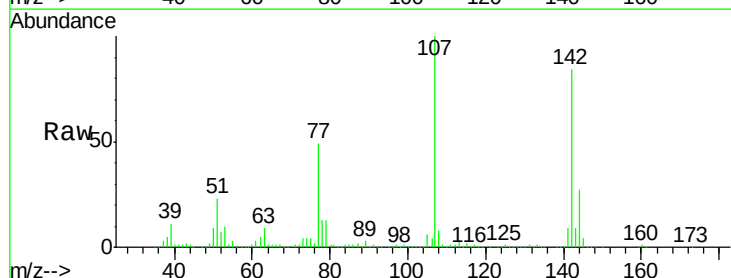
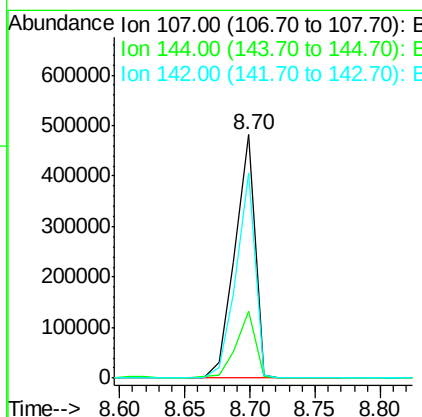
RT: 8.70 min Scan# 561

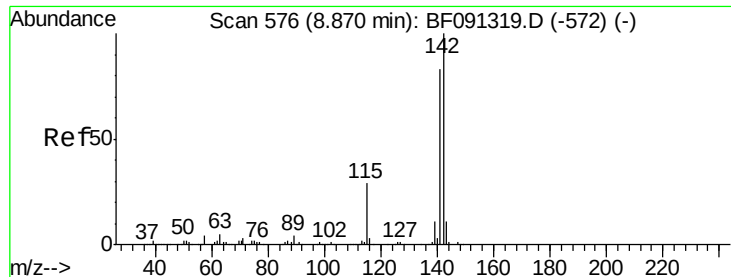
Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	18.9	28.3
142	84.2	58.5	87.7





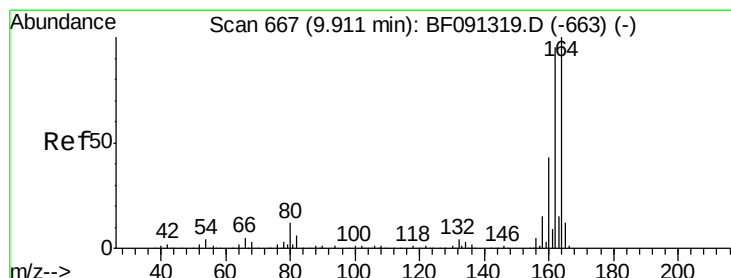
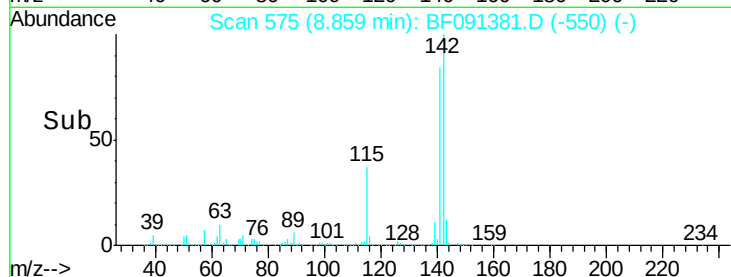
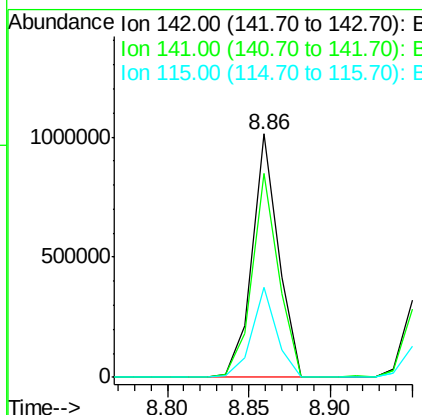
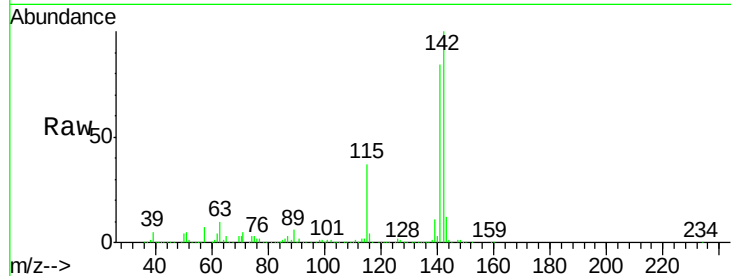
#37
2-Methylnaphthalene
Concen: 45.61 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.9	71.7	107.5
115	36.9	25.0	37.6

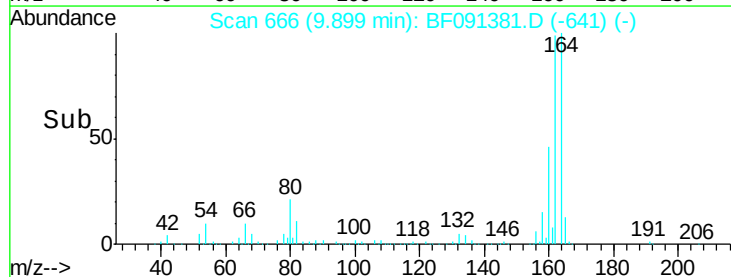
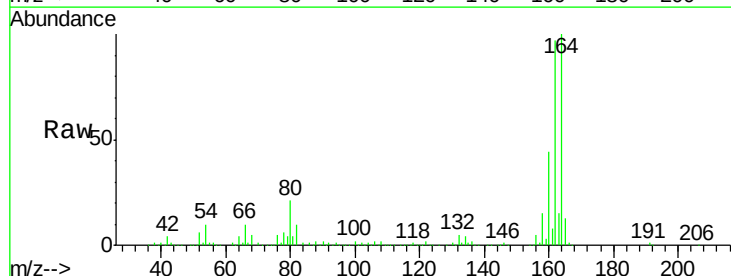
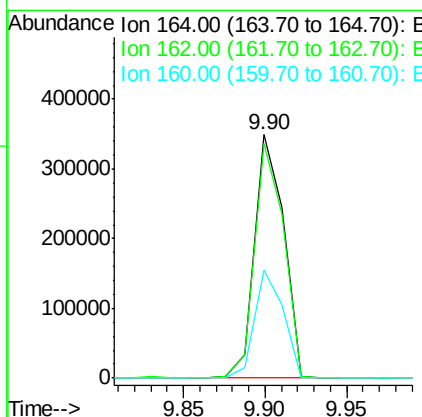
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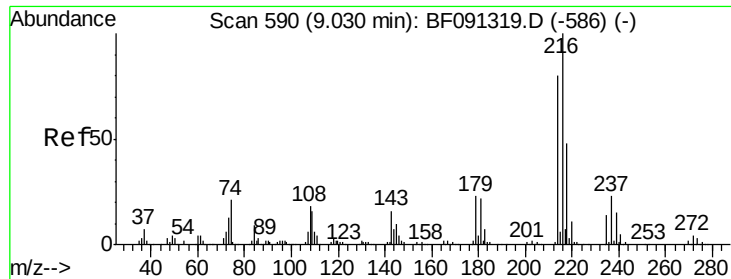
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.6	124.0
160	44.3	36.7	55.1





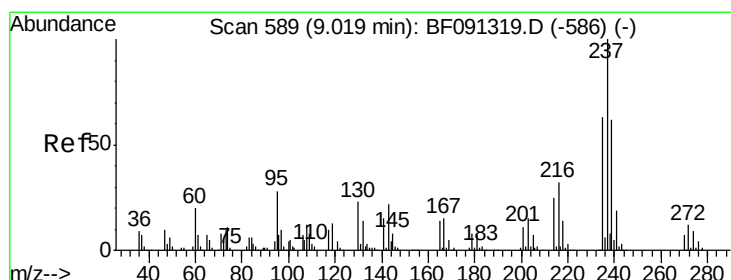
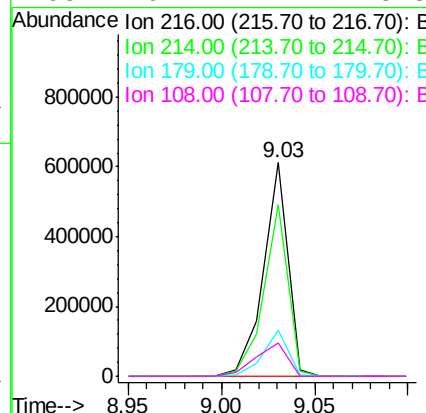
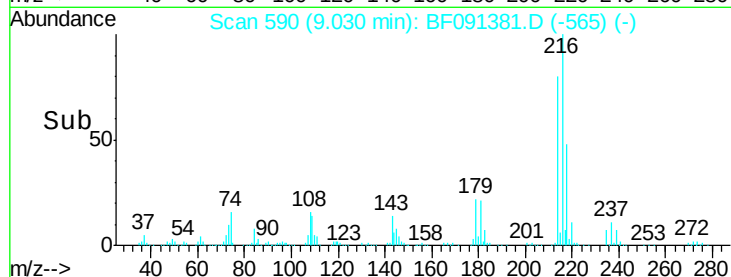
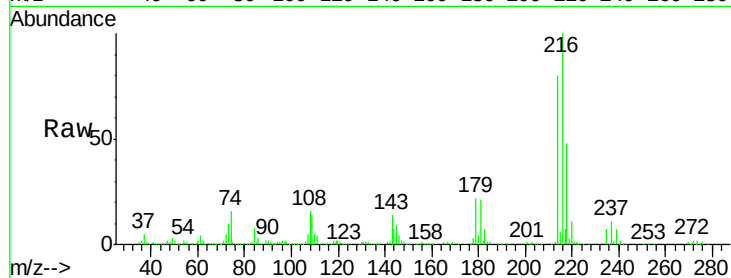
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.39 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion:	216	Resp:	554282
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.8	95.8
179	22.1	18.2	27.2
108	20.2	17.2	25.8

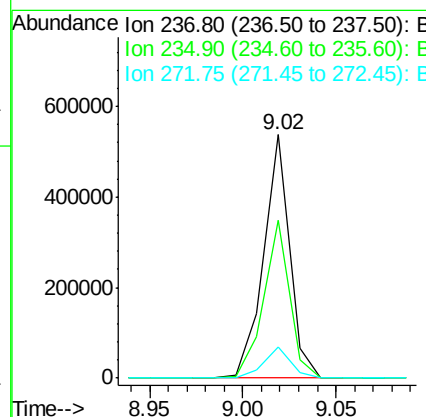
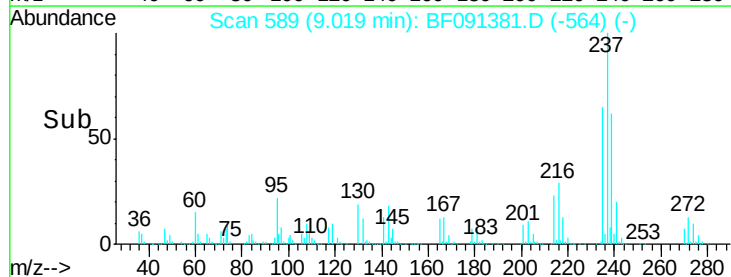
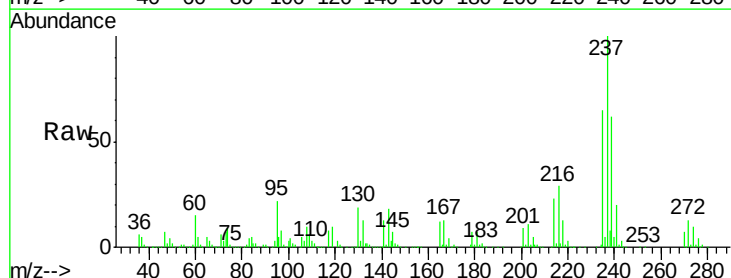
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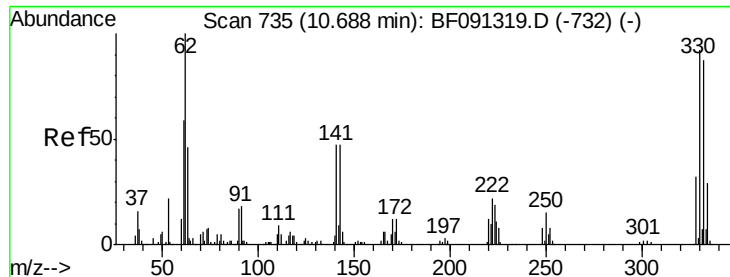
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#40
 Hexachlorocyclopentadiene
 Concen: 91.08 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion:	237	Resp:	515569
Ion Ratio		Lower	Upper
237	100		
235	64.6	43.9	83.9
272	12.7	0.0	33.1





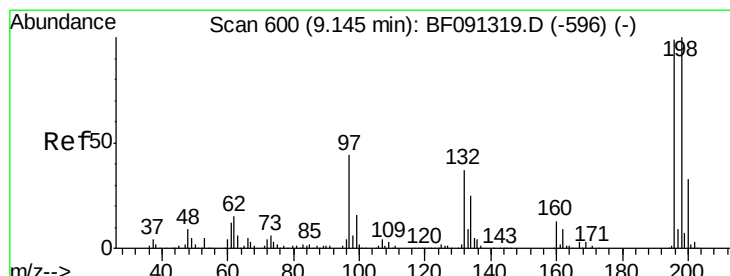
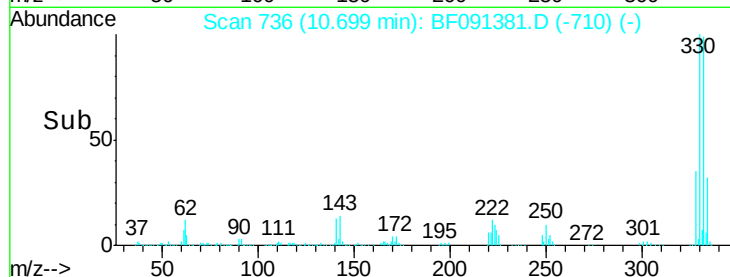
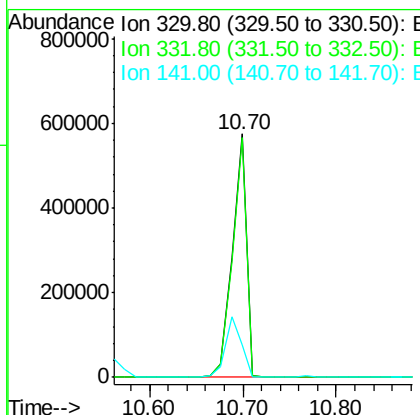
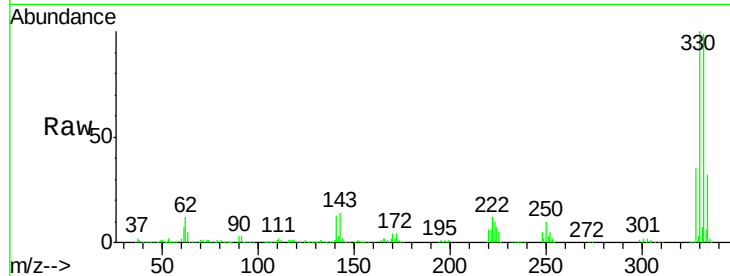
#41
 2,4,6-Tribromophenol
 Concen: 150.38 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	616720		
332	98.1	76.2	114.4	
141	27.5	33.6	50.4	

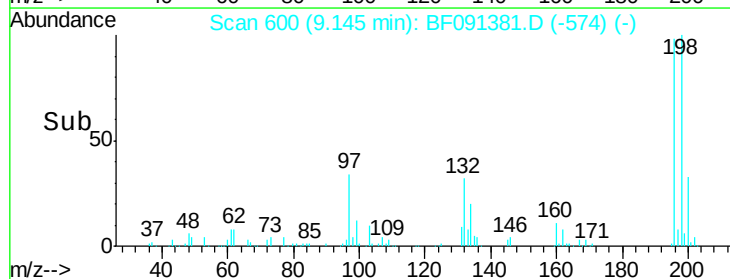
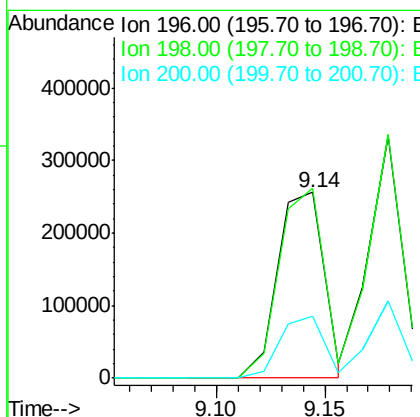
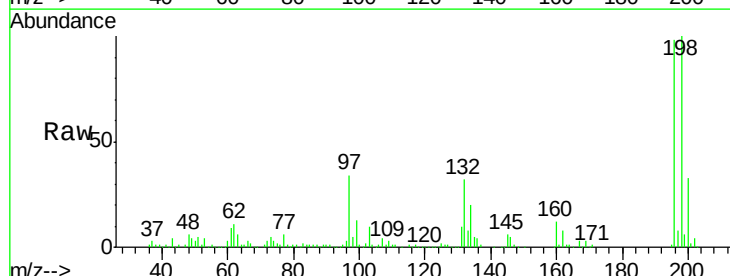
Manual Integrations
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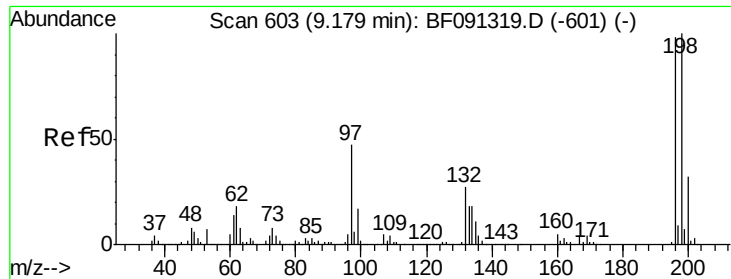
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#42
 2,4,6-Trichlorophenol
 Concen: 47.91 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	380259		
198	102.4	77.4	116.0	
200	33.7	25.2	37.8	





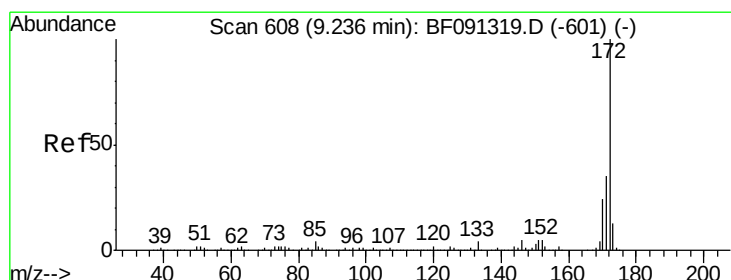
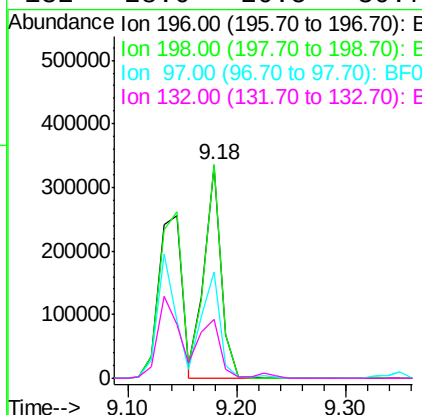
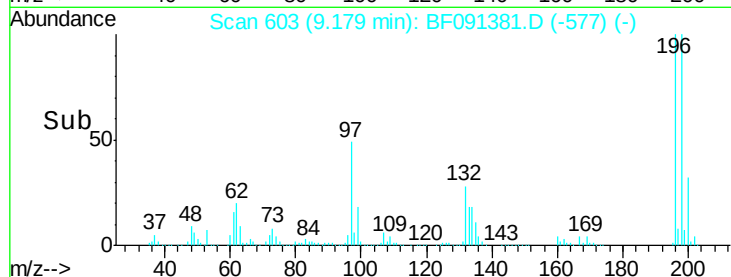
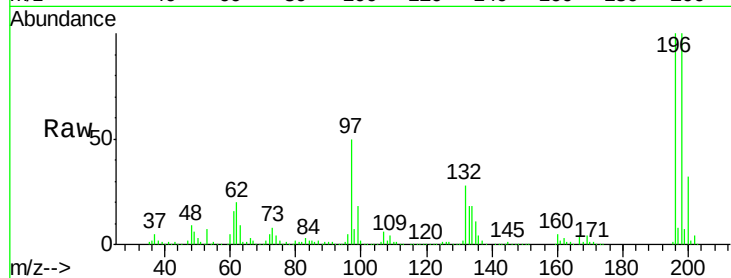
#43
 2,4,5-Trichlorophenol
 Concen: 45.98 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion:	196	Resp:	365697
Ion Ratio	Lower	Upper	
196	100		
198	100.4	77.0	115.6
97	49.8	33.5	50.3
132	28.0	20.5	30.7

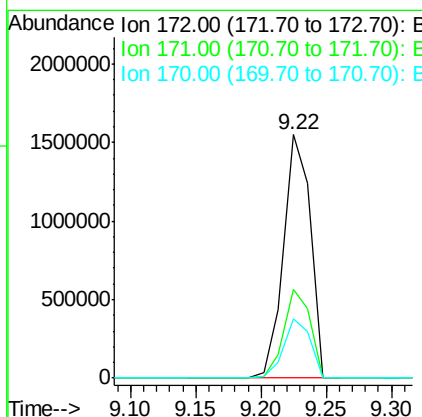
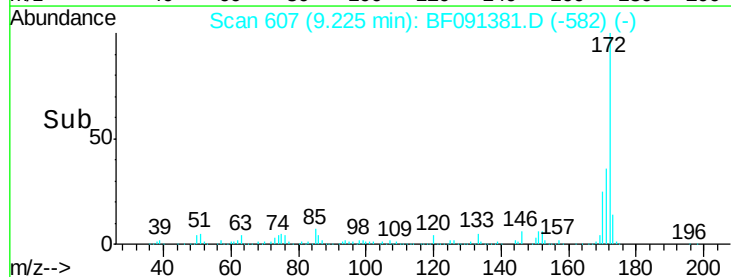
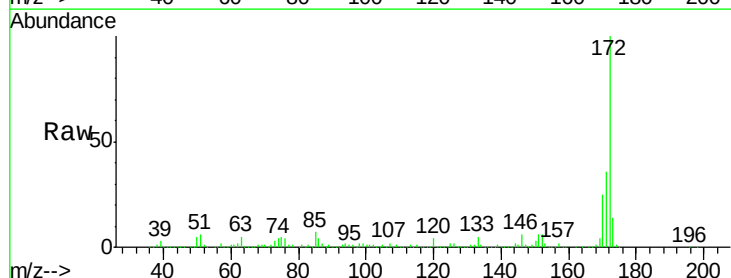
Manual Integrations
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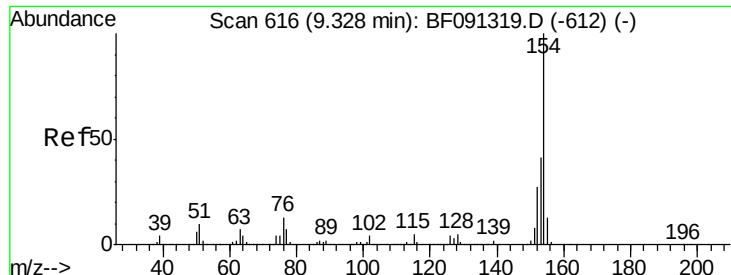
sohil
 12/2/2016 4:20:34 PM



#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion:	172	Resp:	2241570
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	24.6	19.7	29.5





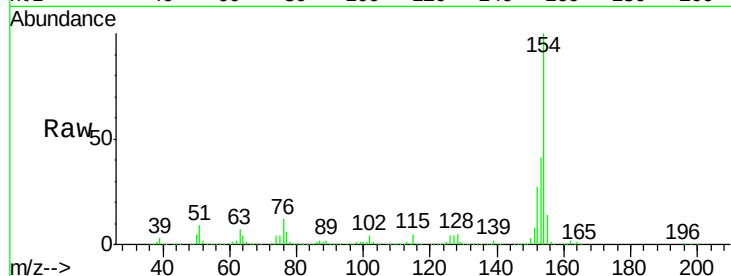
#45
 1,1'-Biphenyl
 Concen: 43.46 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	12.2	0.0	36.6

Manual Integrations
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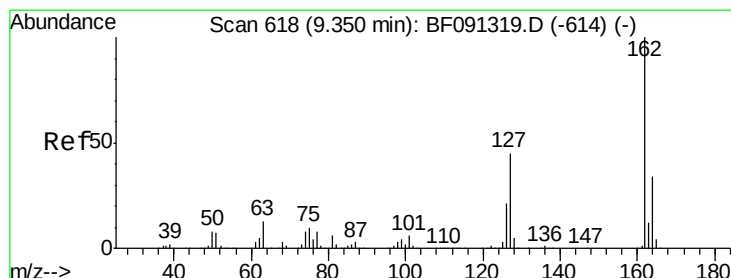
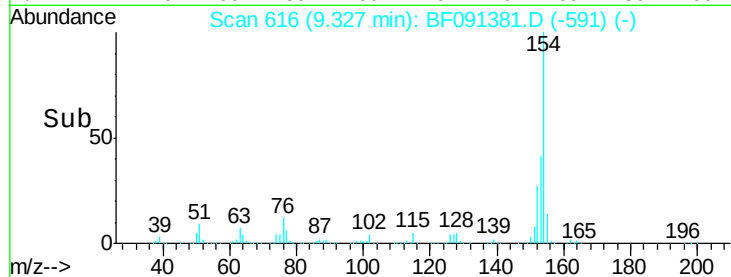
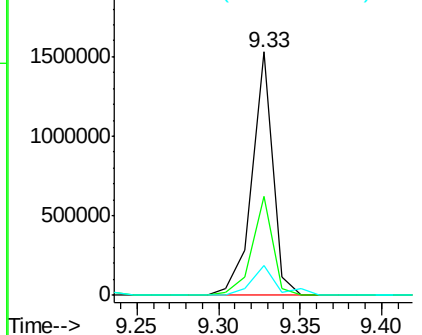


Abundance

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: 42.46 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

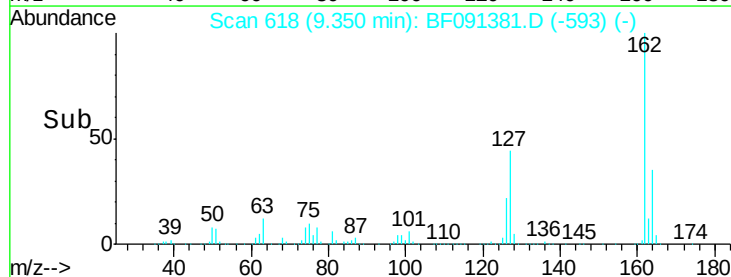
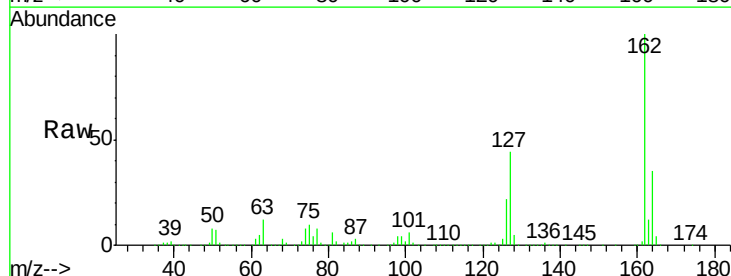
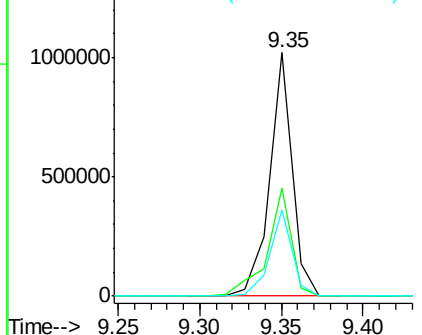
Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.3	51.5
164	35.3	26.6	40.0

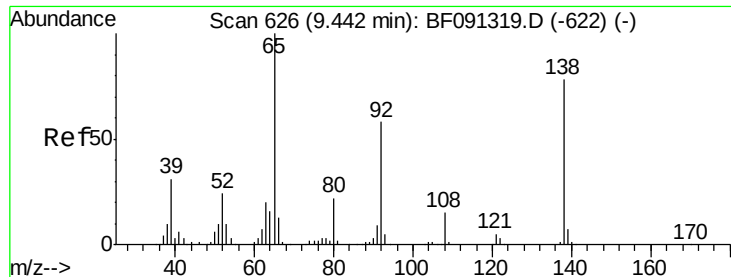
Abundance

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





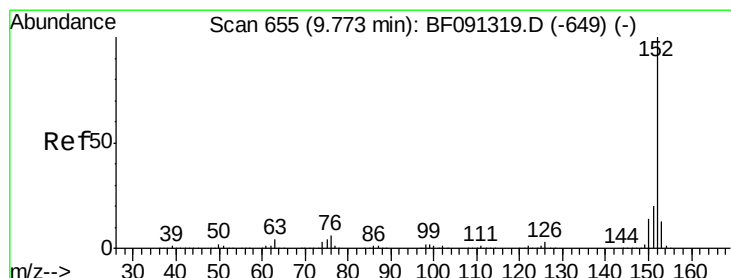
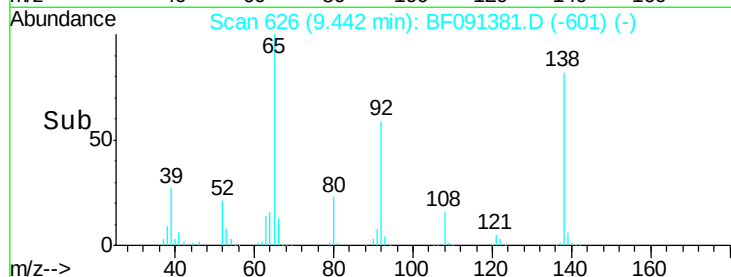
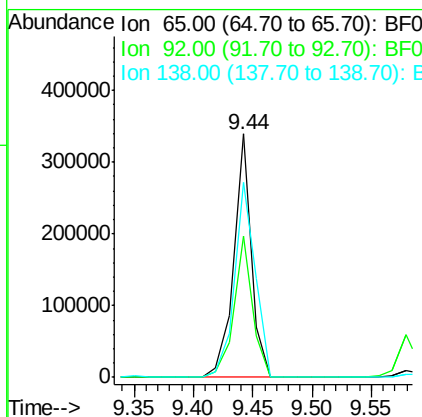
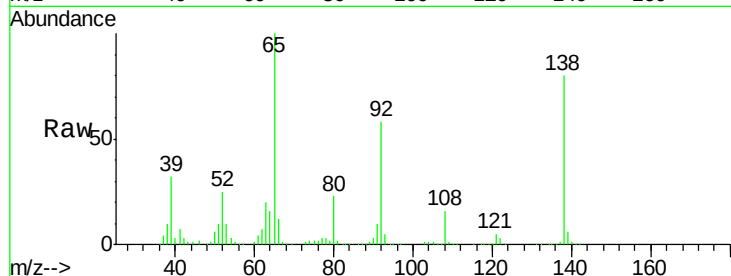
#47
2-Nitroaniline
Concen: 42.00 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.1	53.6	80.4
138	80.2	91.0	136.6

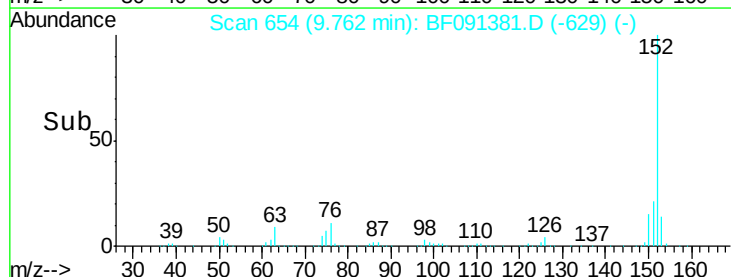
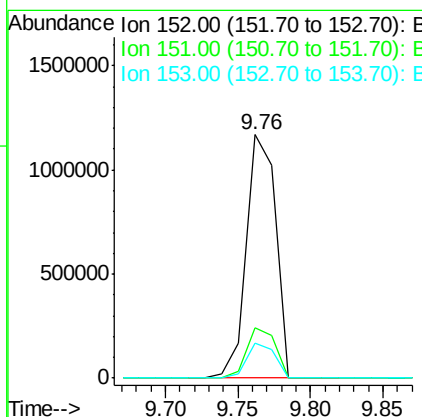
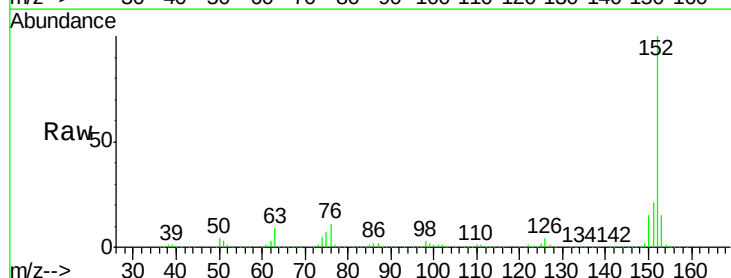
Manual Integrations
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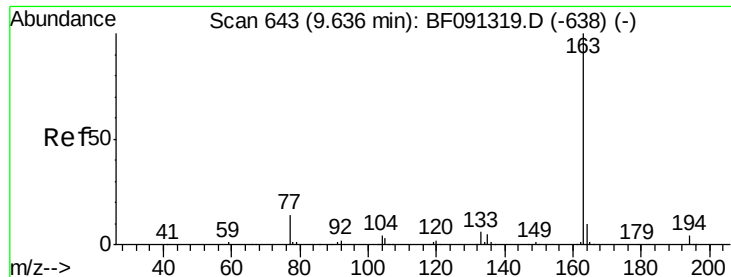
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#48
Acenaphthylene
Concen: 44.75 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8
153	14.5	10.7	16.1





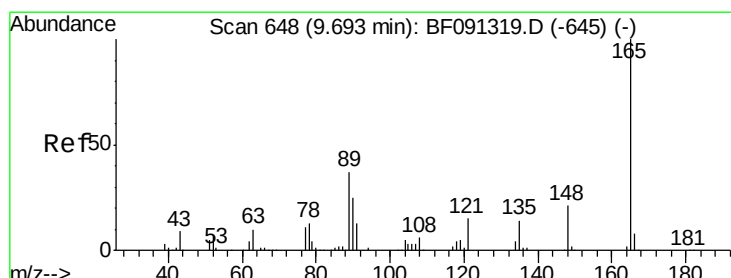
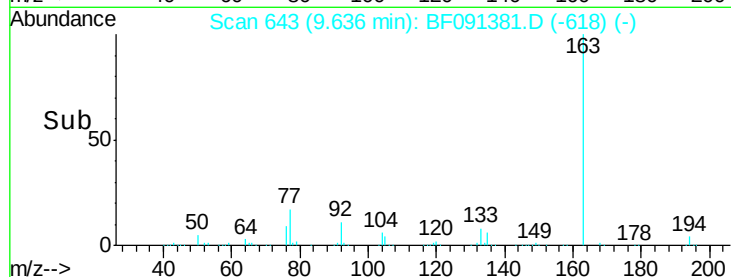
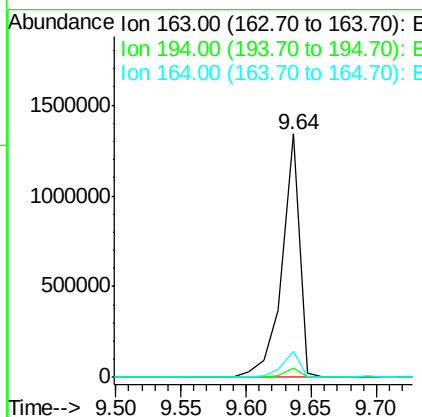
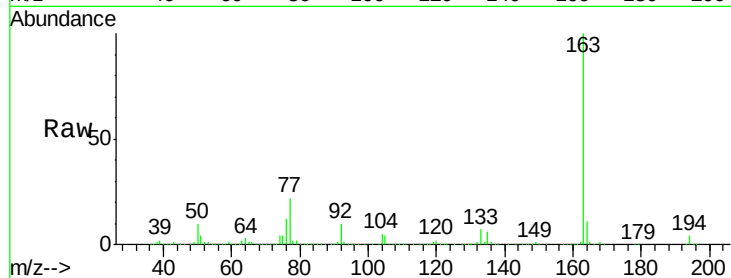
#49
Dimethylphthalate
Concen: 48.68 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion:163 Resp: 1276913
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.9 7.8 11.8

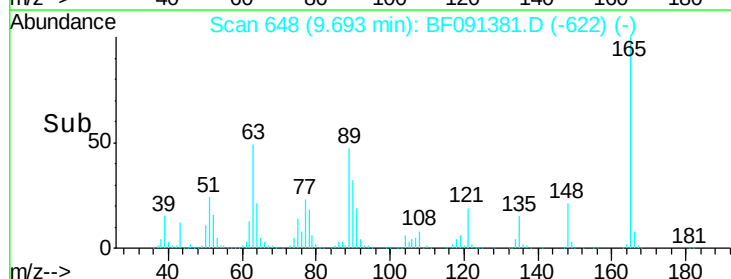
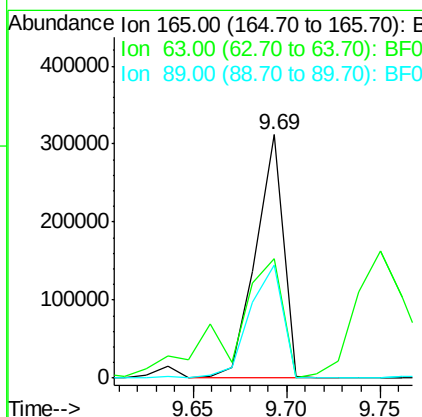
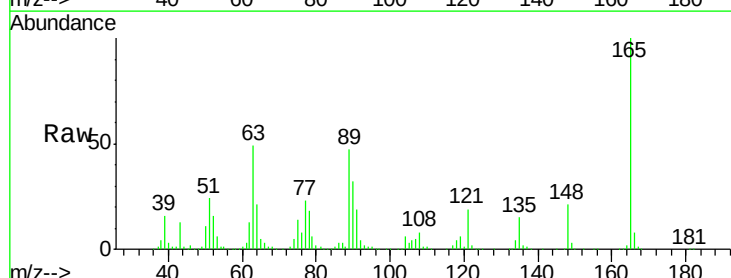
Manual Integrations
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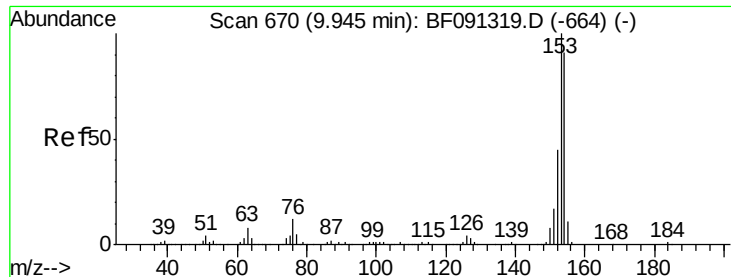
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#50
2,6-Dinitrotoluene
Concen: 54.64 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion:165 Resp: 320349
Ion Ratio Lower Upper
165 100
63 48.9 59.4 89.0#
89 46.5 50.8 76.2#





#51

Acenaphthene

Concen: 47.63 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PMW-1A-112916MS

Tot Ion:154 Resp: 1173241

Ion Ratio Lower Upper

154 100

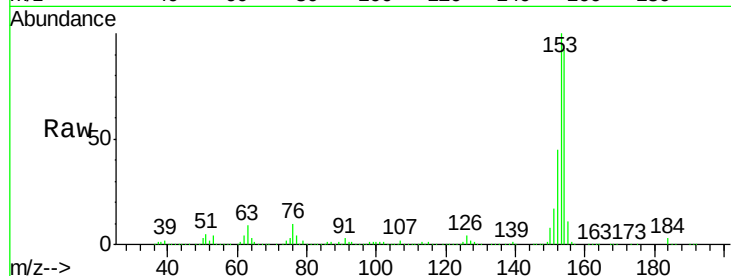
153 109.0 91.0 136.6

152 49.3 44.2 66.2

Manual Integrations
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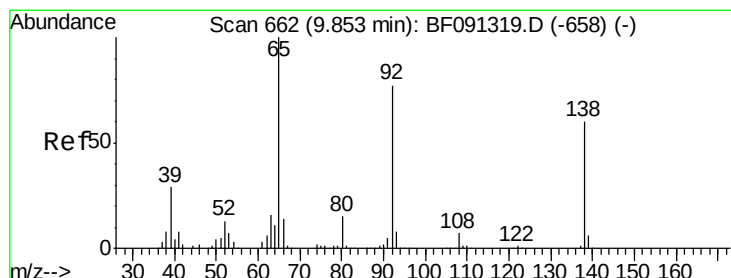
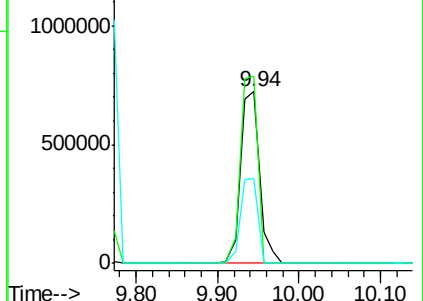
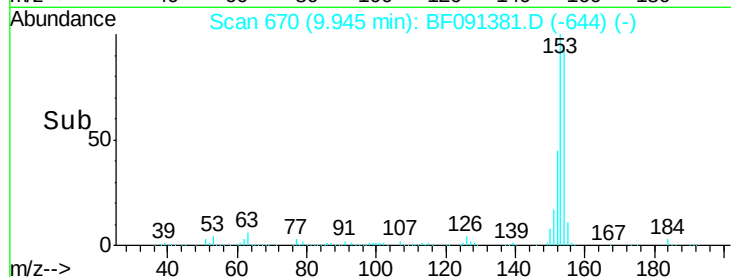
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.47 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

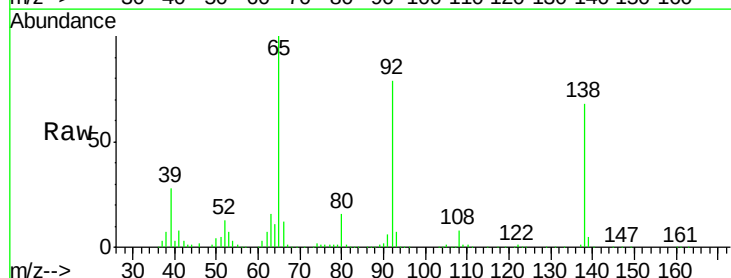
Tgt Ion:138 Resp: 152494

Ion Ratio Lower Upper

138 100

108 11.2 8.1 12.1

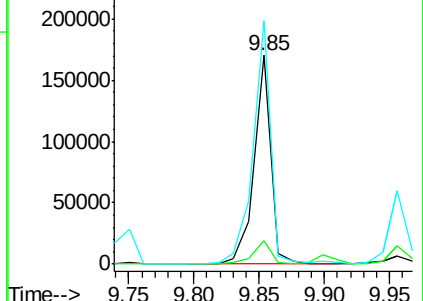
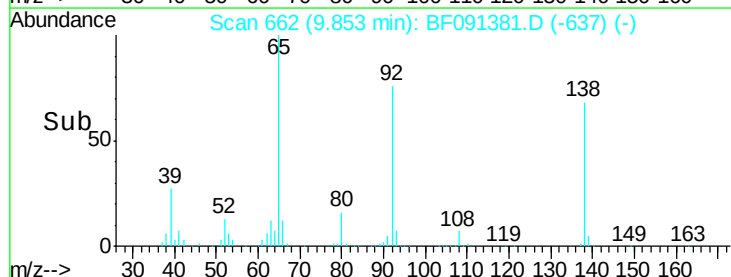
92 116.7 92.5 138.7

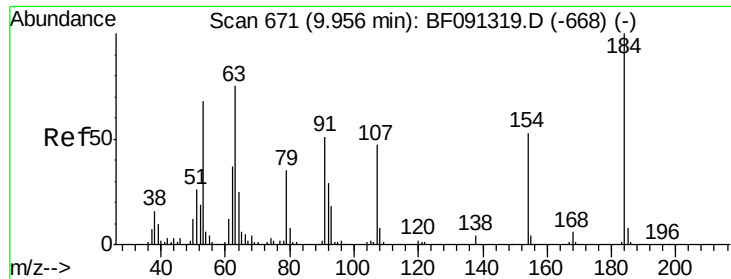


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





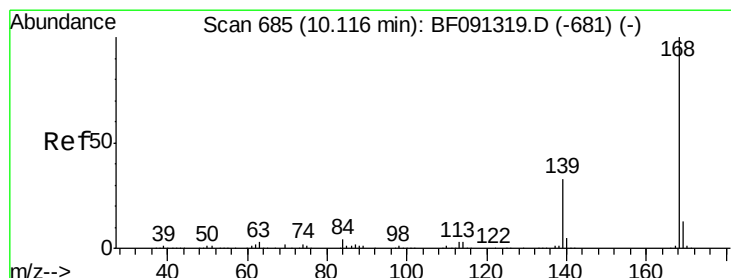
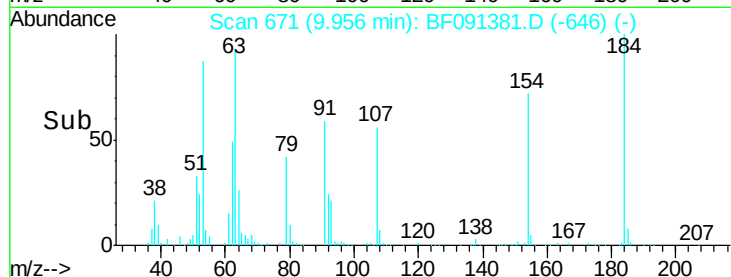
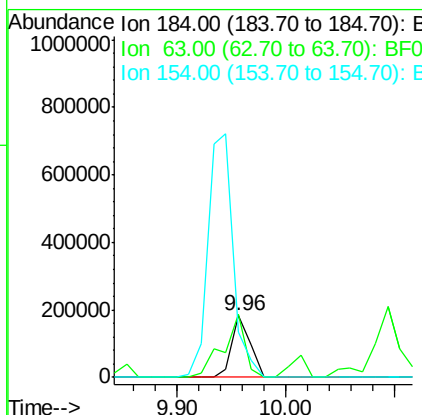
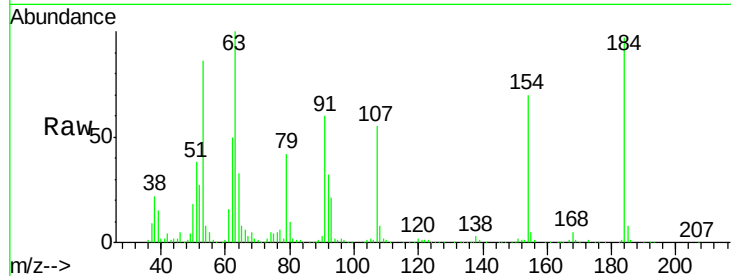
#53
2,4-Dinitrophenol
Concen: 82.84 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	212383		
63	103.1	58.3	87.5#	
154	72.7	48.6	73.0	

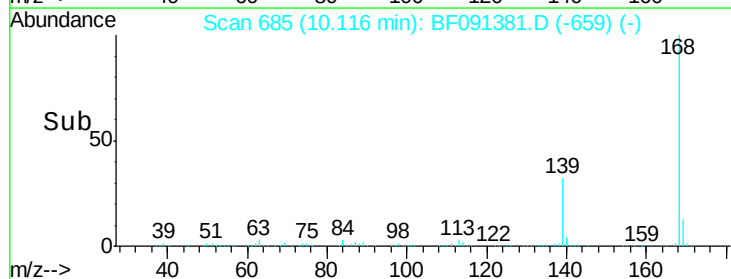
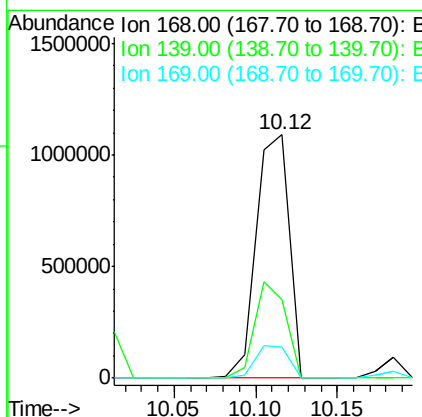
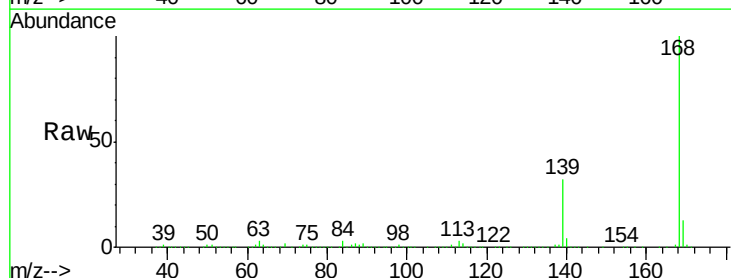
Manual Integrations
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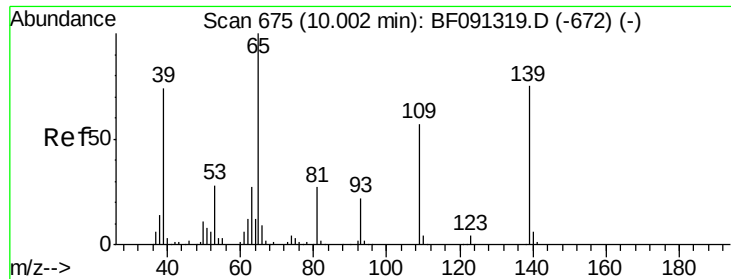
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#54
Dibenzofuran
Concen: 46.47 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1532664		
139	32.2	33.4	50.2#	
169	13.1	11.1	16.7	





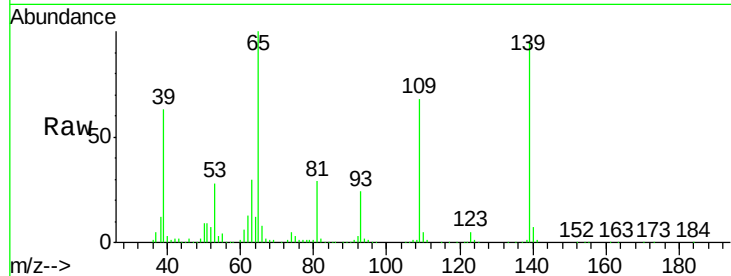
#55
4-Nitrophenol
Concen: 39.55 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

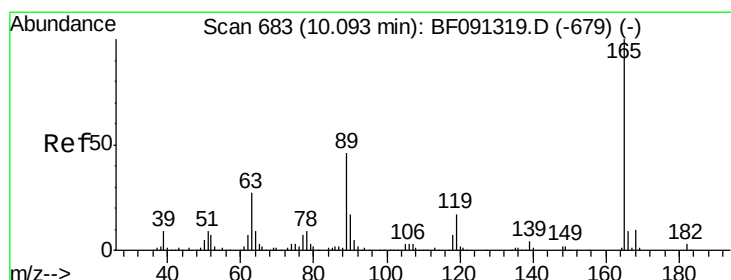
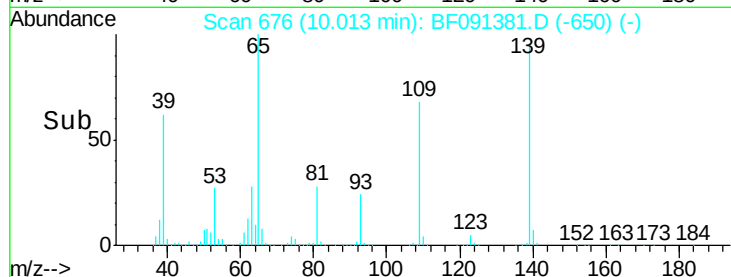
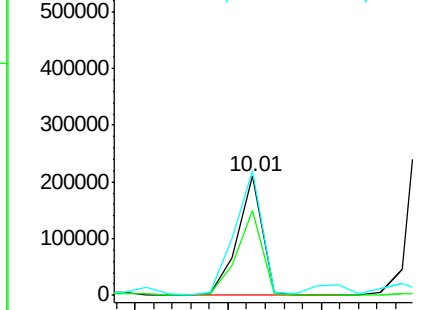
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.1	54.9	94.9	
65	104.8	102.2	142.2	

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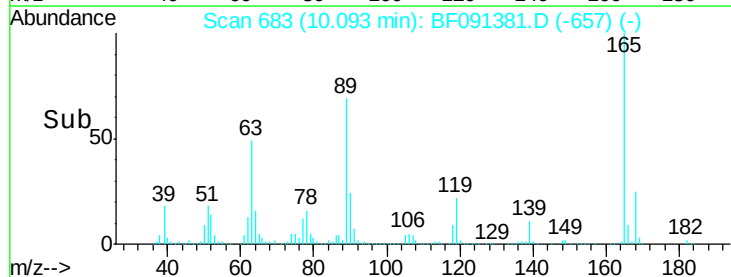
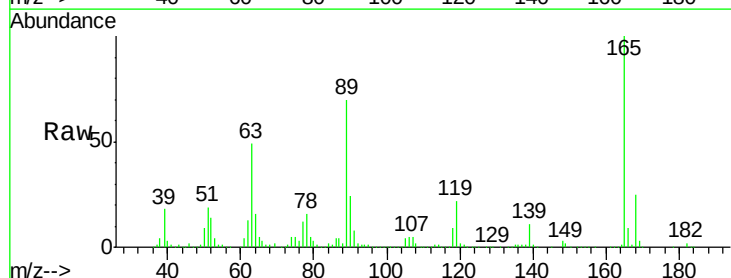
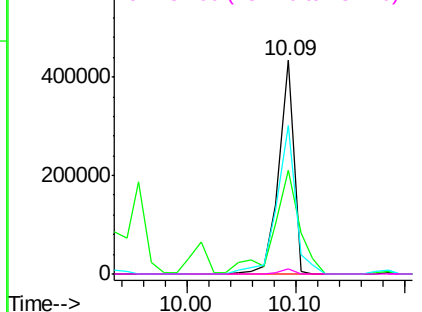
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

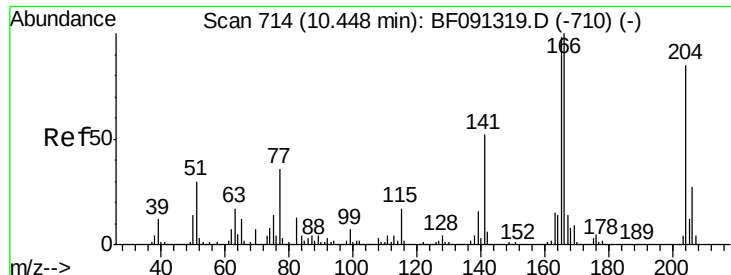


#56
2,4-Dinitrotoluene
Concen: 54.39 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.8	29.0	43.4#	
89	69.5	43.1	64.7#	
182	2.3	1.9	2.9	

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





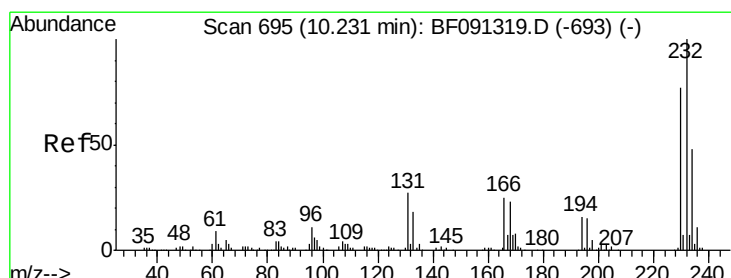
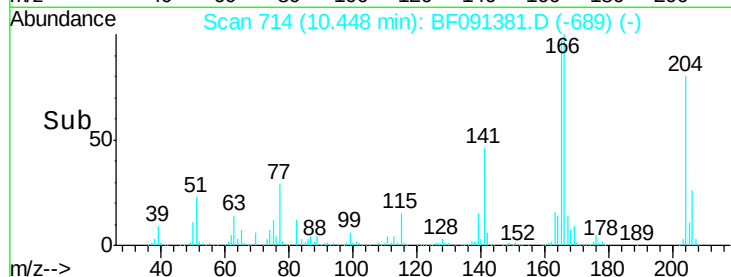
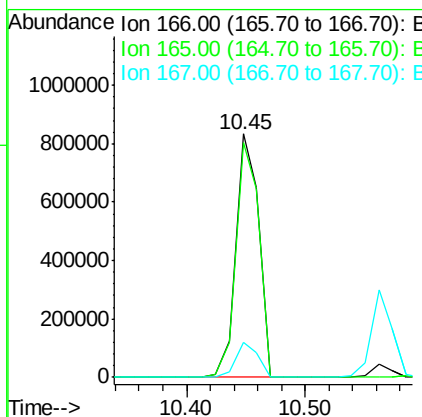
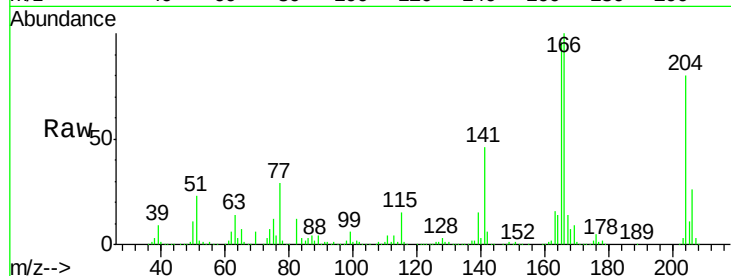
#57
Fluorene
 Concen: 43.97 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	80.0	120.0
167	14.1	10.8	16.2

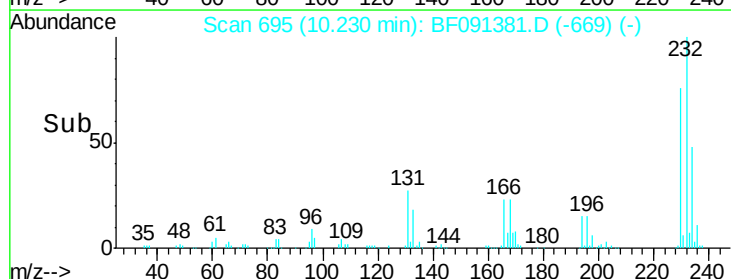
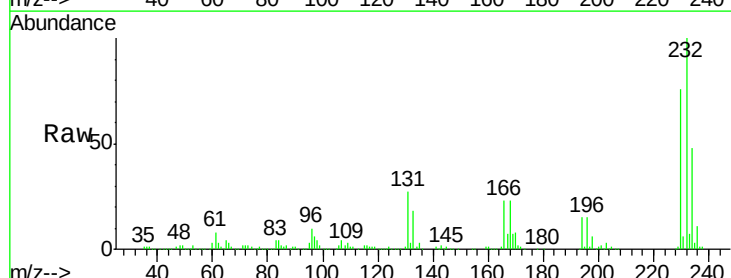
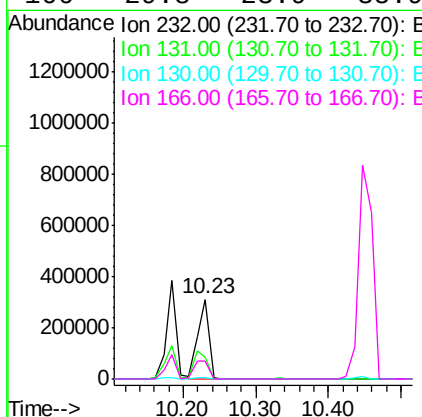
Manual Integrations
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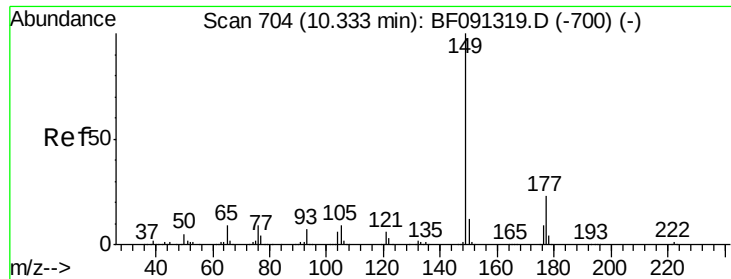
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.64 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.2	38.4	57.6
130	2.0	1.8	2.8
166	29.8	23.9	35.9





#59

Diethylphthalate

Concen: 48.58 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PMW-1A-112916MS

Tot Ion:149 Resp: 1257762

Ion Ratio Lower Upper

149 100

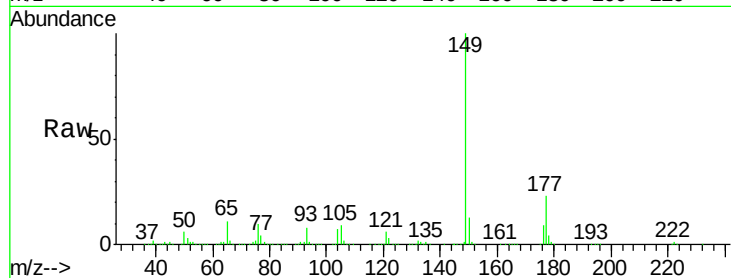
177 22.8 15.7 23.5

150 12.8 10.2 15.2

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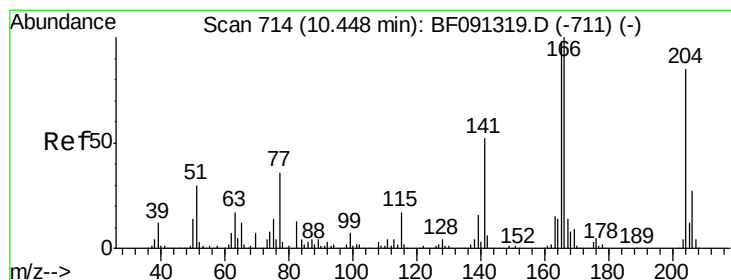
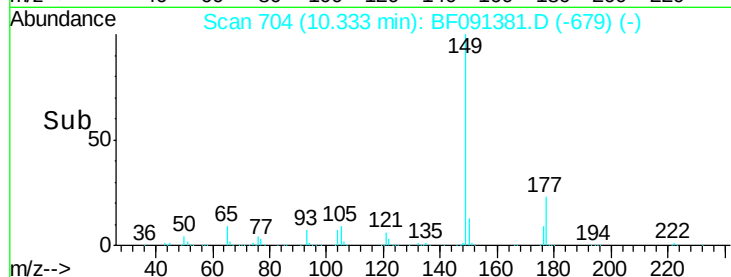
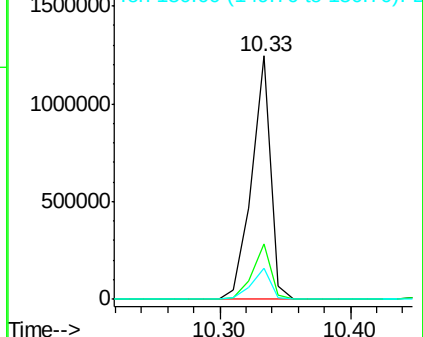
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.44 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

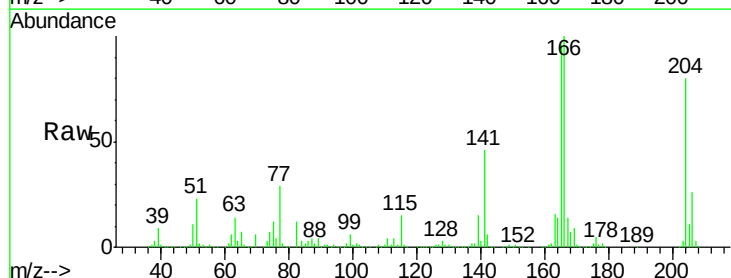
Tgt Ion:204 Resp: 576976

Ion Ratio Lower Upper

204 100

206 32.4 26.1 39.1

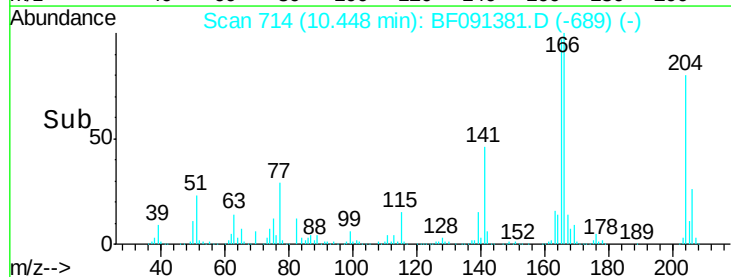
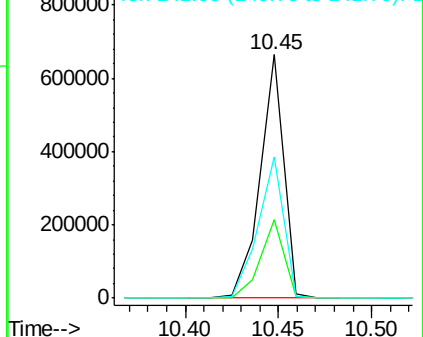
141 57.8 40.6 61.0

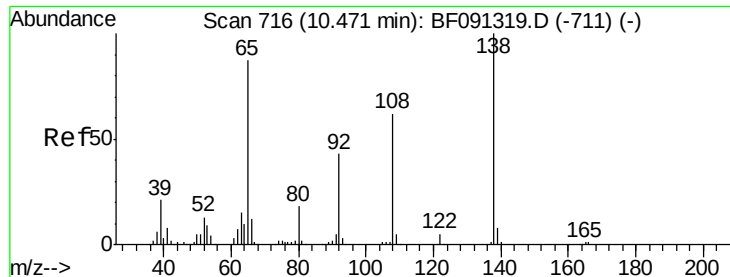


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





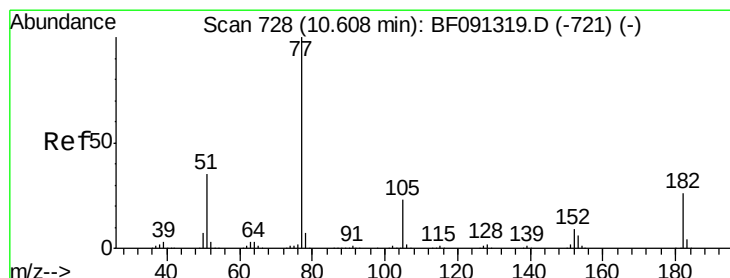
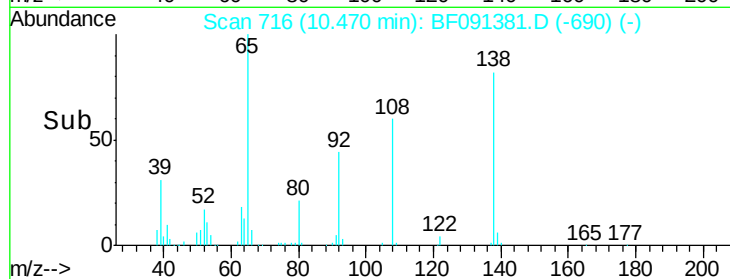
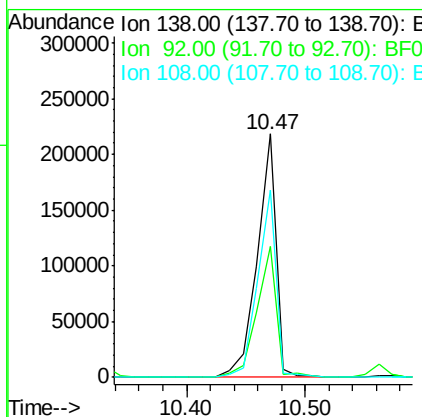
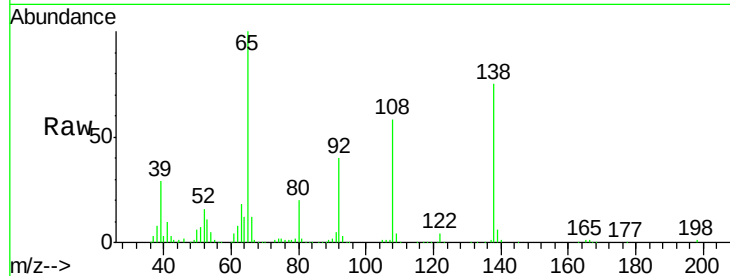
#61
4-Nitroaniline
Concen: 38.27 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	243847		
92	53.6	26.9	66.9	
108	77.0	49.1	89.1	

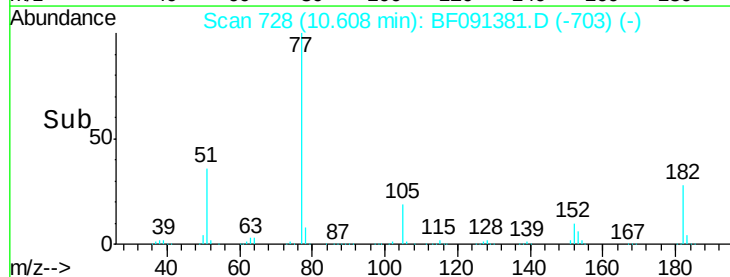
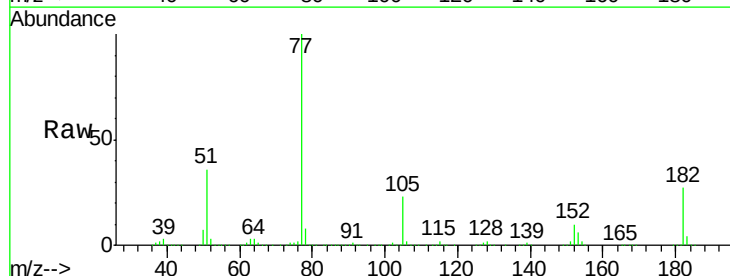
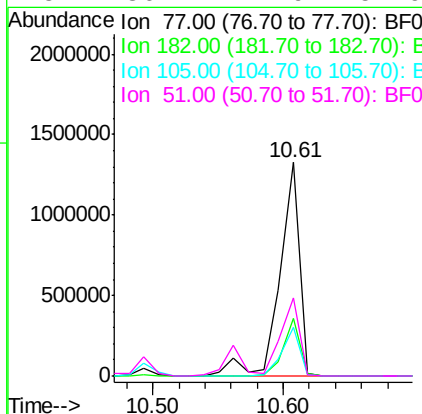
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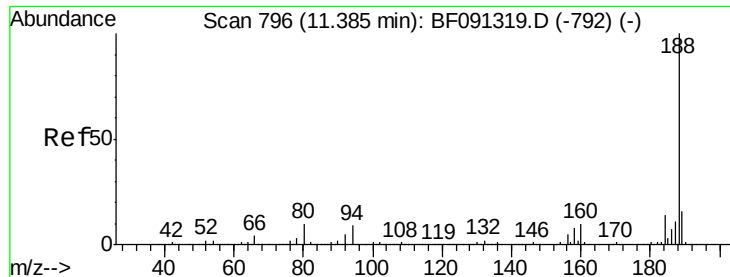
sohil
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#62
Azobenzene
Concen: 53.95 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1425193		
182	27.2	12.5	52.5	
105	23.0	3.7	43.7	
51	36.4	11.9	51.9	





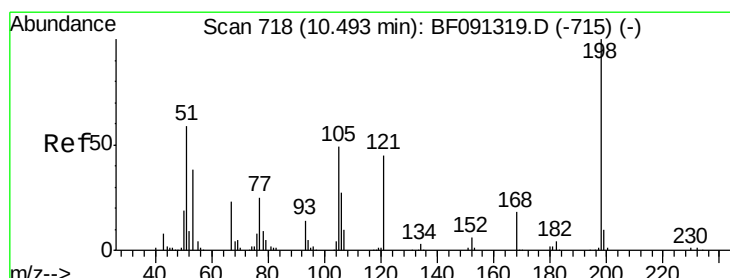
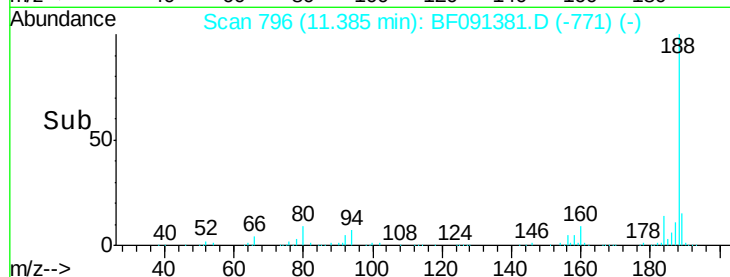
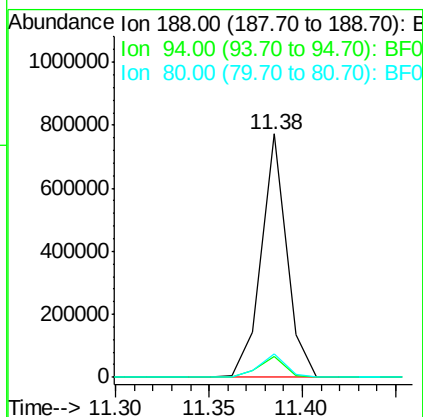
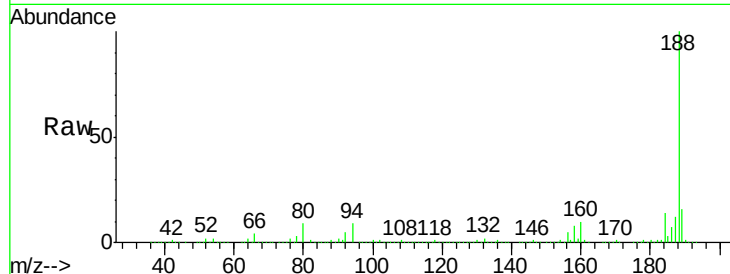
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	9.2	13.8#
80	9.5	10.5	15.7#

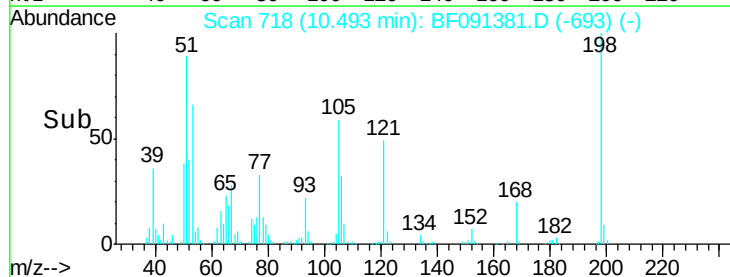
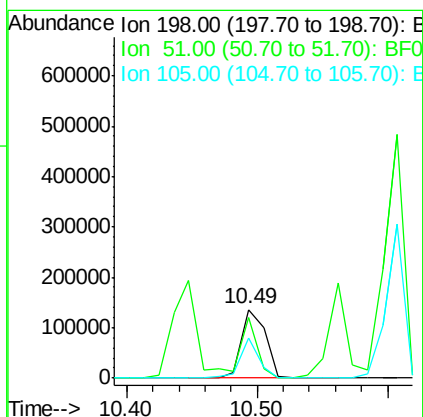
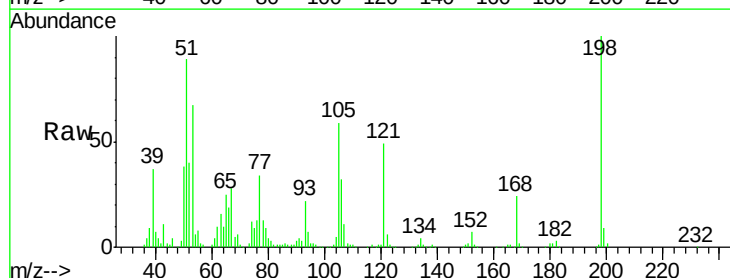
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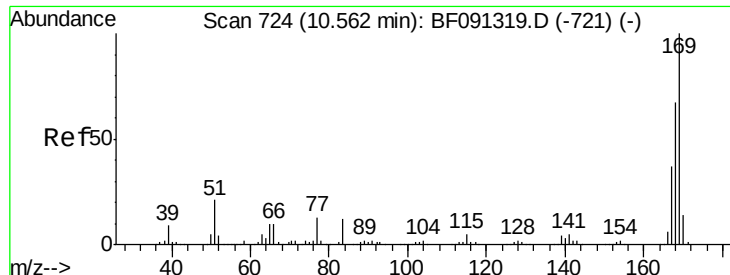
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.57 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	88.7	77.1	117.1
105	58.6	44.8	84.8





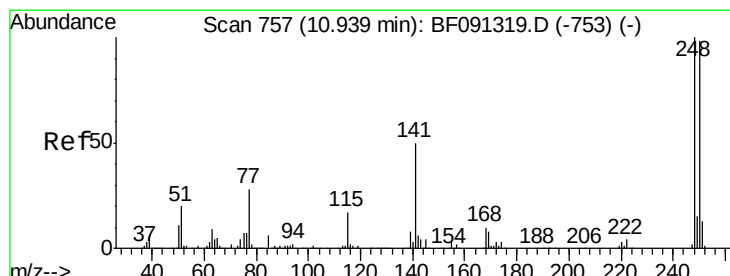
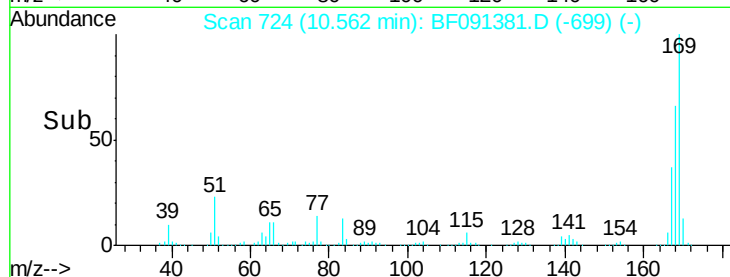
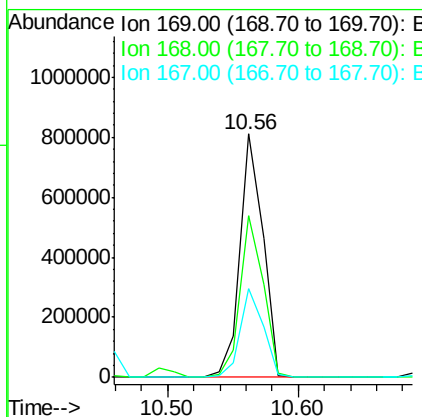
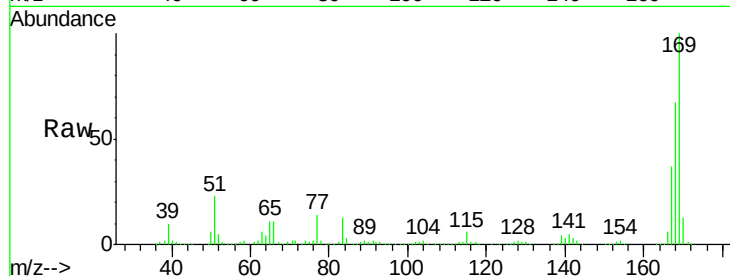
#65
n-Nitrosodiphenylamine
Concen: 44.84 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	983397		
168	66.5	53.8	80.8	
167	36.6	29.8	44.8	

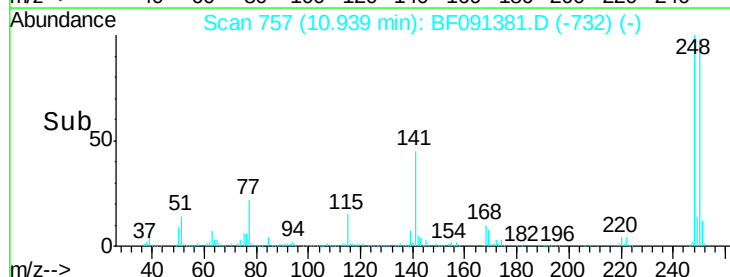
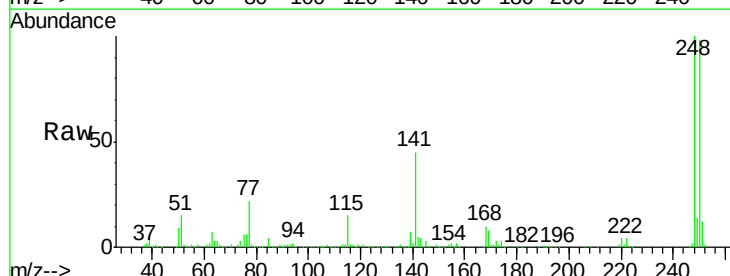
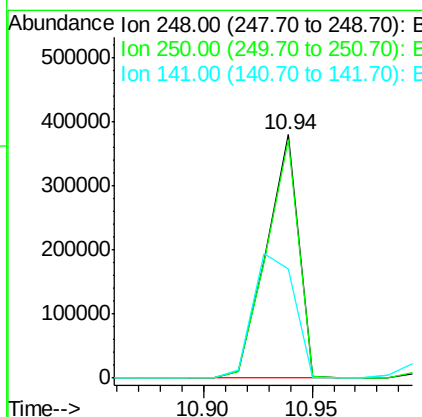
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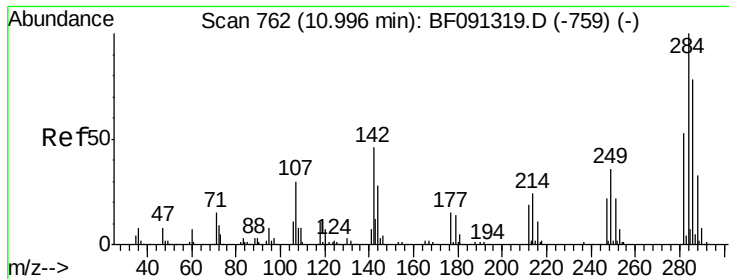
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#66
4-Bromophenyl-phenylether
Concen: 50.69 ng
RT: 10.94 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	394088		
250	98.0	78.2	117.4	
141	44.9	71.9	107.9	





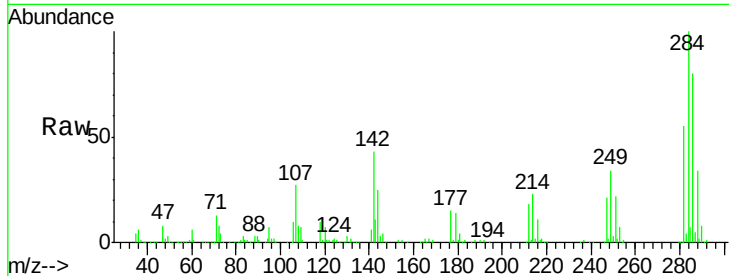
#67
Hexachlorobenzene
Concen: 42.66 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

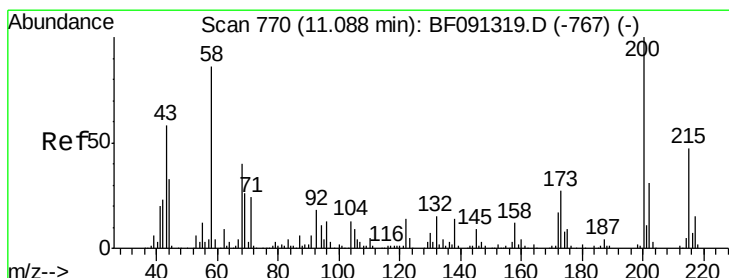
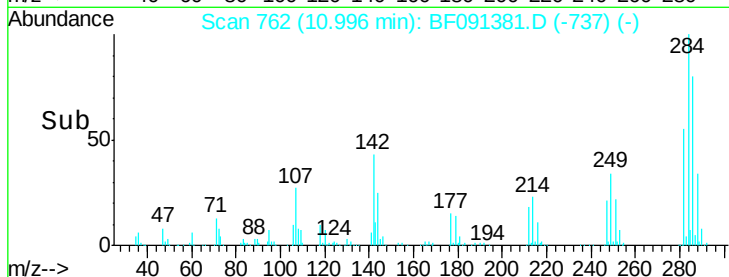
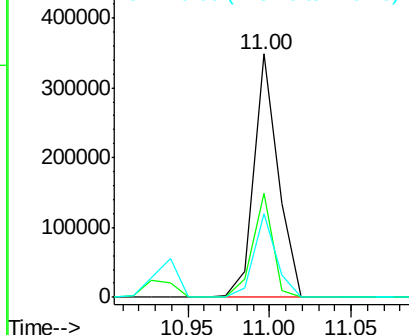
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.7	17.9	26.9	
249	34.4	23.6	35.4	

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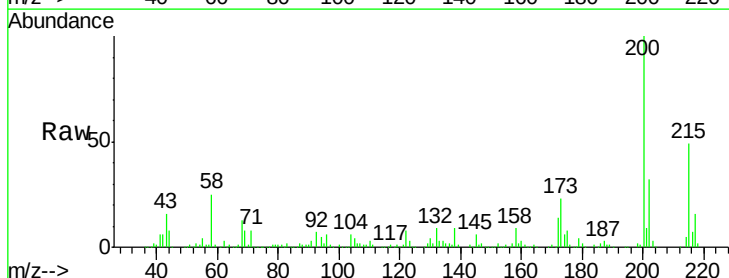


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

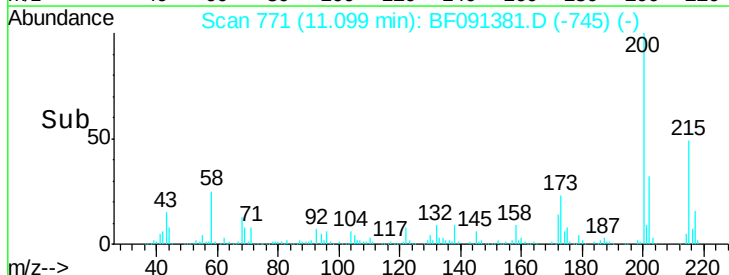
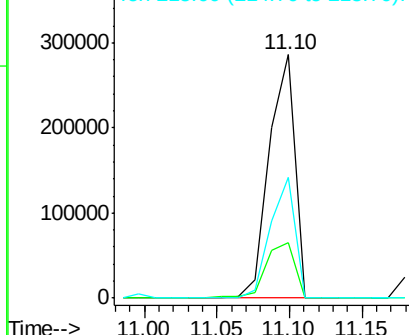


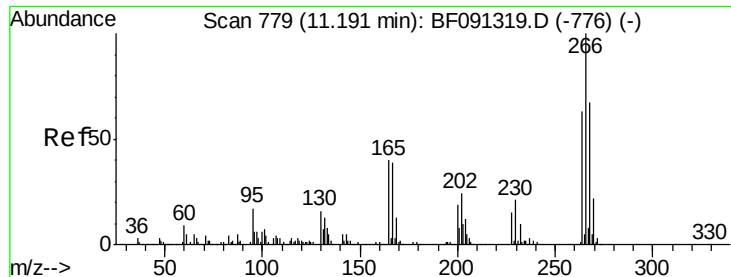
#68
Atrazine
Concen: 49.40 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.0	7.8	47.8	
215	49.4	24.3	64.3	



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





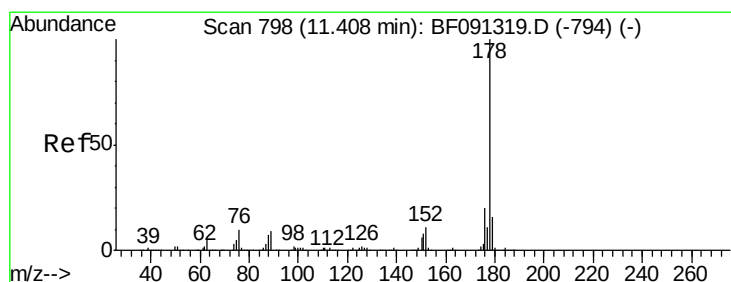
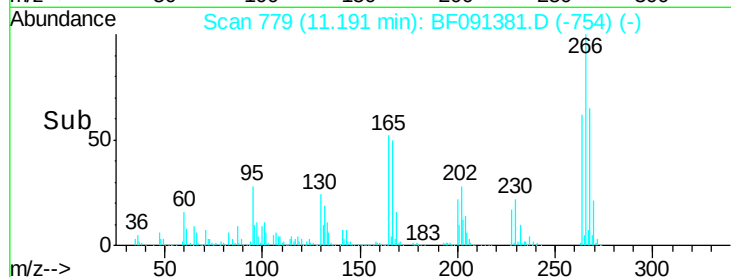
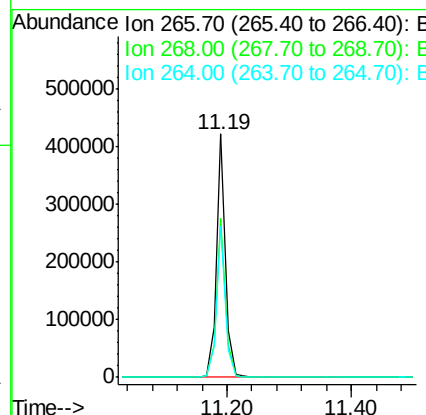
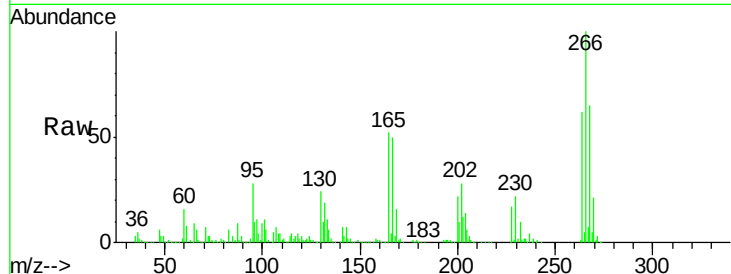
#69
 Pentachlorophenol
 Concen: 84.72 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.3	75.5
264	62.2	48.2	72.2

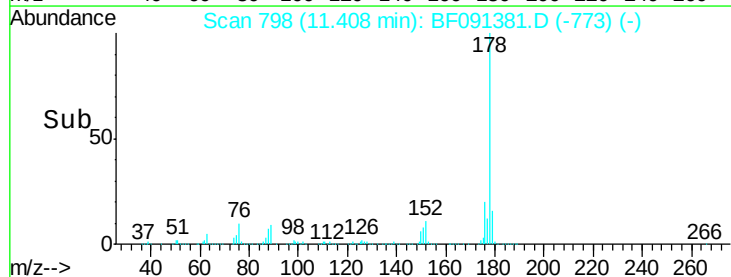
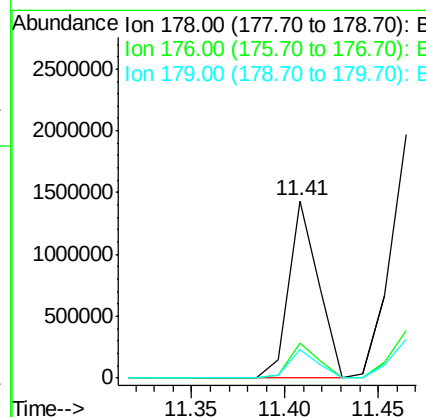
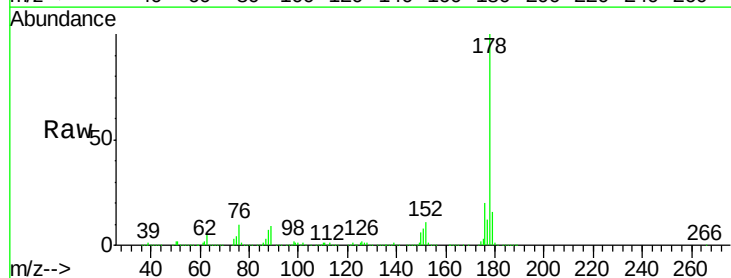
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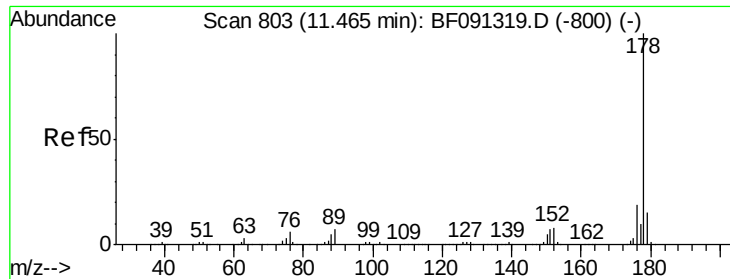
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#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	16.2	12.6	18.8





#71
 Anthracene
 Concen: 49.64 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

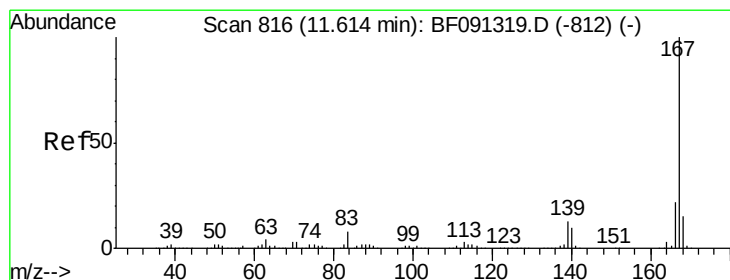
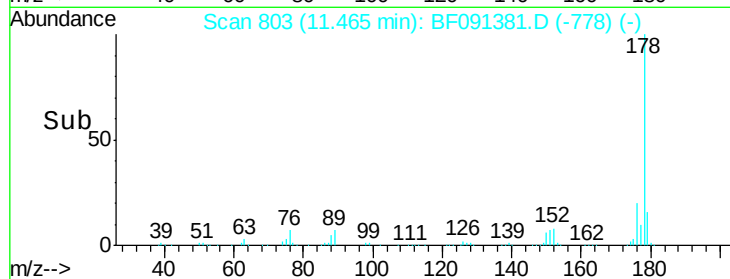
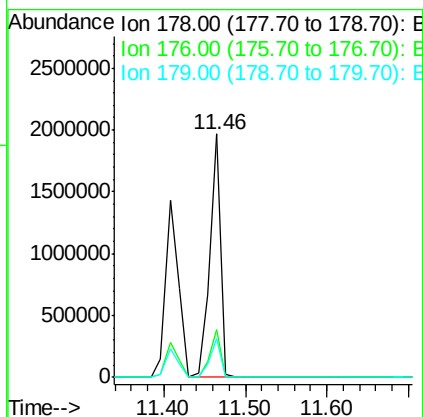
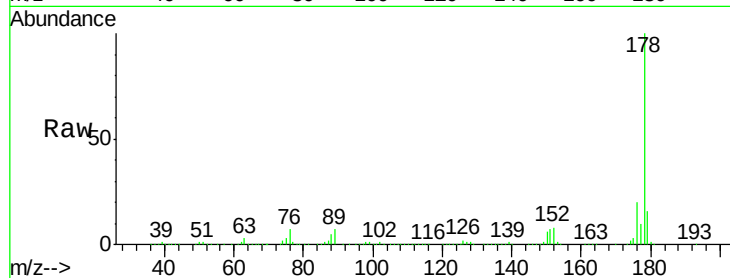
Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion:178 Resp: 1851637

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.2	12.7	19.1

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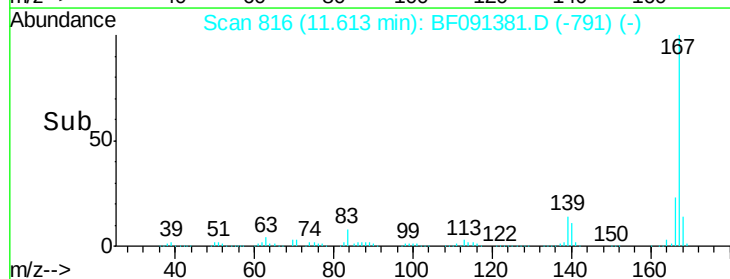
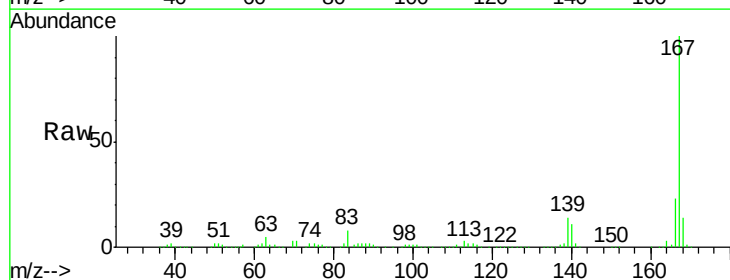
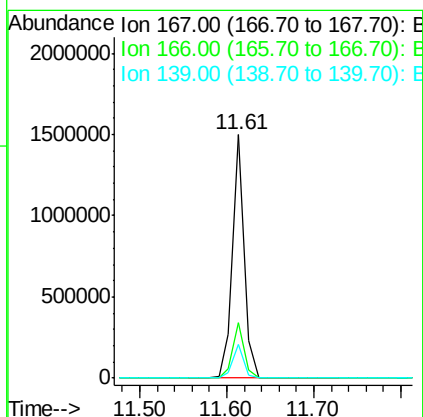
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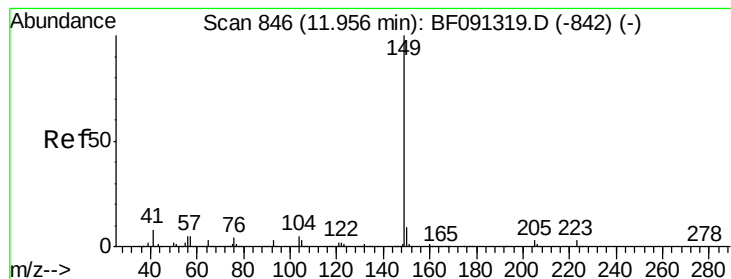


#72
 Carbazole
 Concen: 40.83 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion:167 Resp: 1382231

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.6	11.5	17.3





#73

Di-n-butylphthalate

Concen: 52.05 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PMW-1A-112916MS

Tot Ion:149 Resp: 1996642

Ion Ratio Lower Upper

149 100

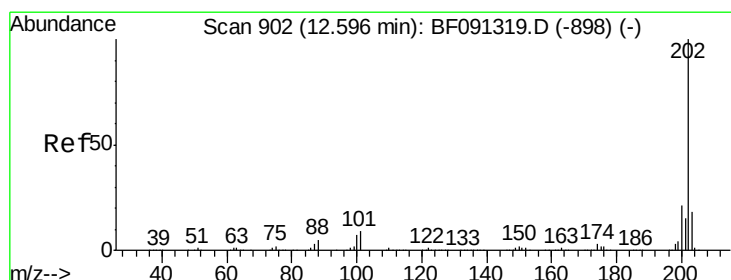
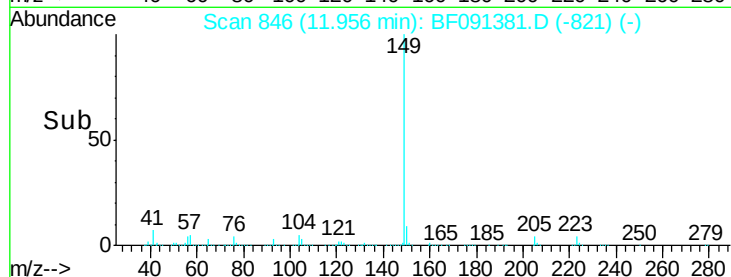
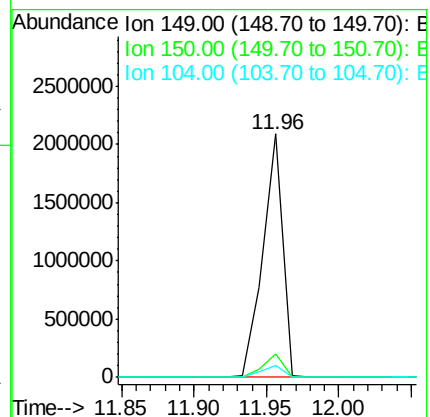
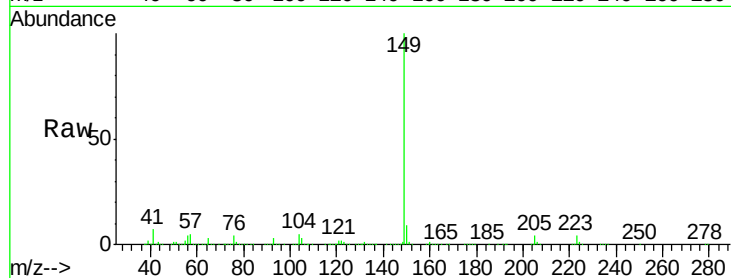
150 9.5 7.5 11.3

104 4.6 4.0 6.0

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#74

Fluoranthene

Concen: 48.63 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

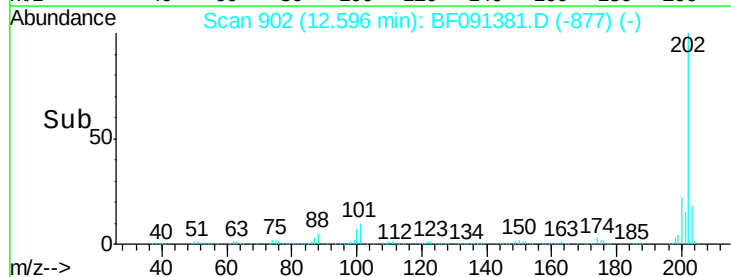
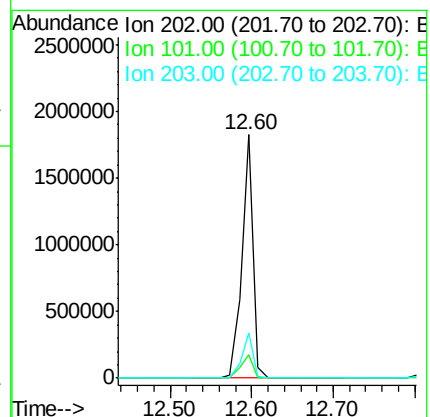
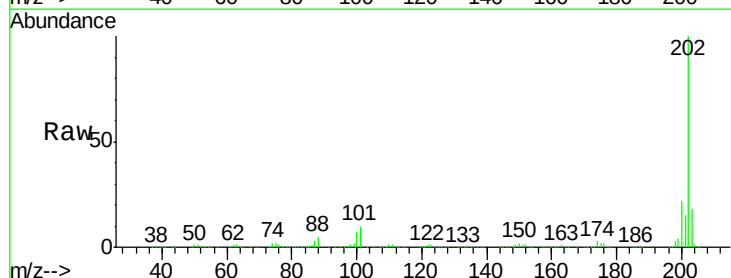
Tgt Ion:202 Resp: 1731493

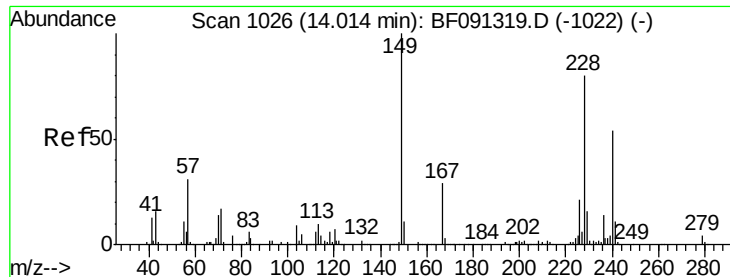
Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.5

203 18.3 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

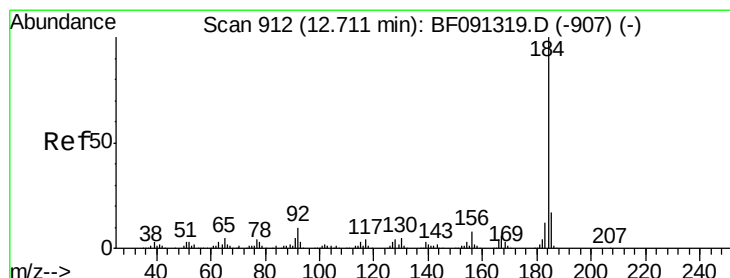
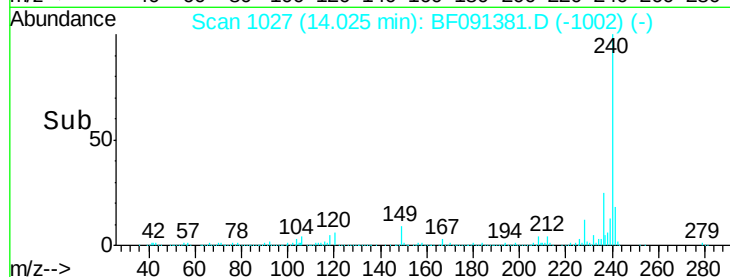
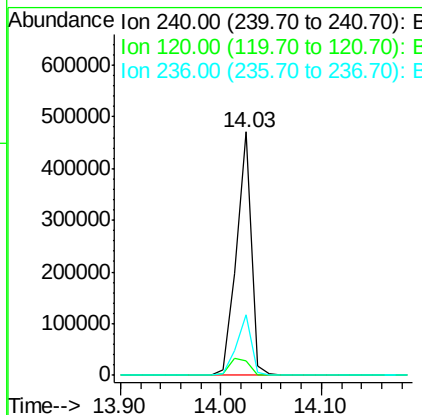
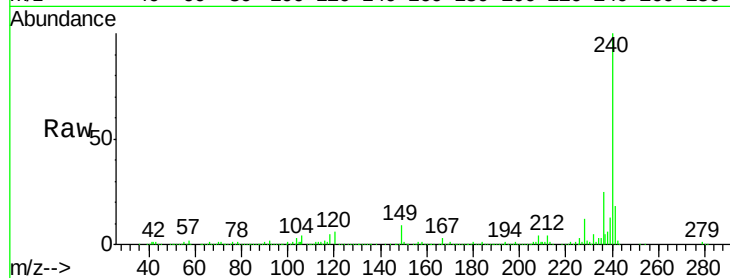
ClientSampleId :

PMW-1A-112916MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	480666		
120	6.1	12.1	18.1	#
236	25.1	21.0	31.6	

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#76

Benzidine

Concen: 25.31 ng

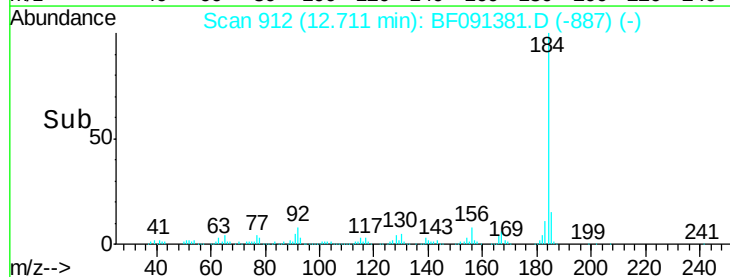
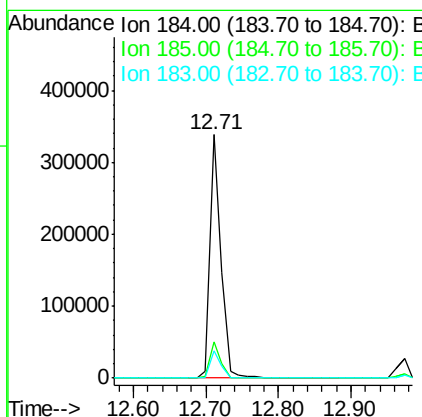
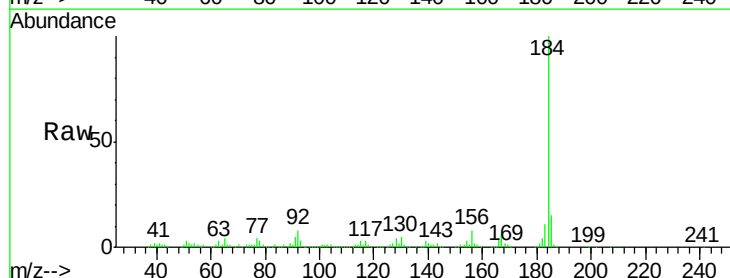
RT: 12.71 min Scan# 912

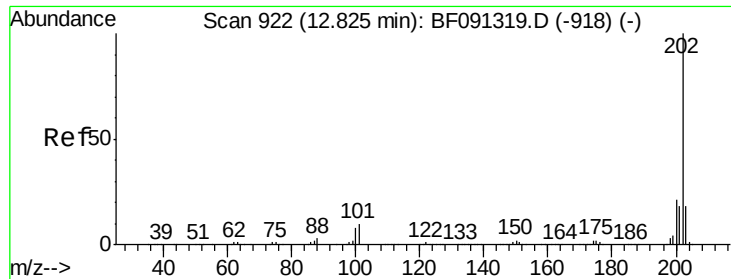
Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	357118		
185	14.7	13.1	19.7	
183	11.3	8.9	13.3	





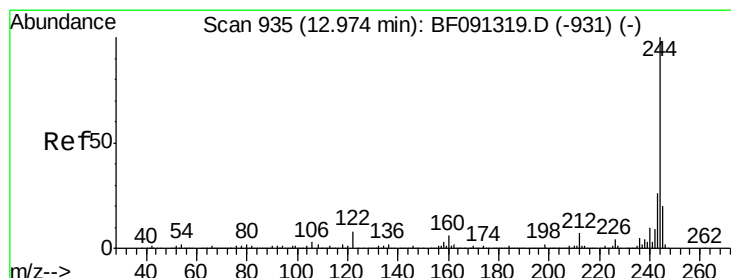
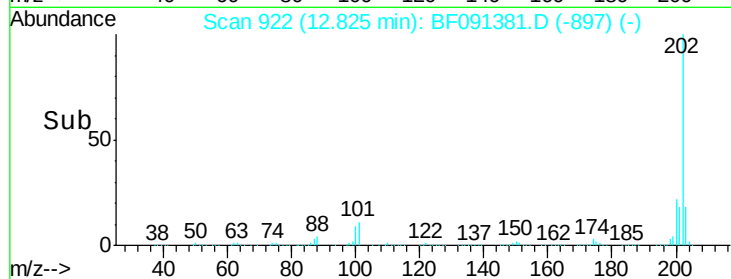
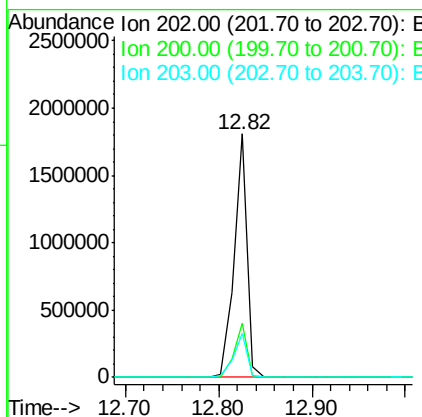
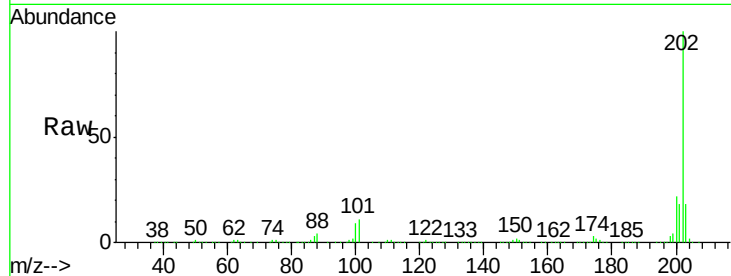
#77
Pvrene
Concen: 48.01 ng
RT: 12.82 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	18.2	14.0	21.0

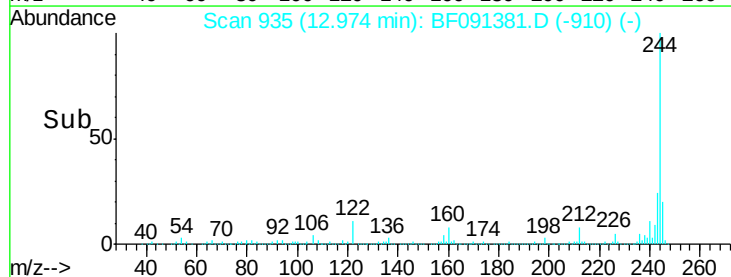
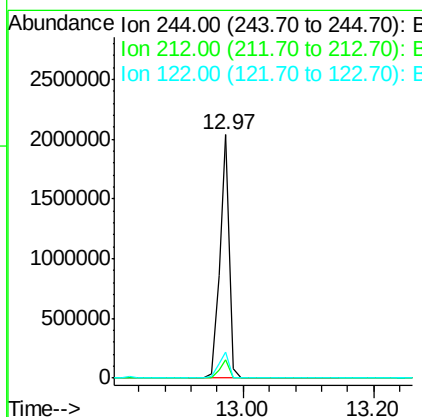
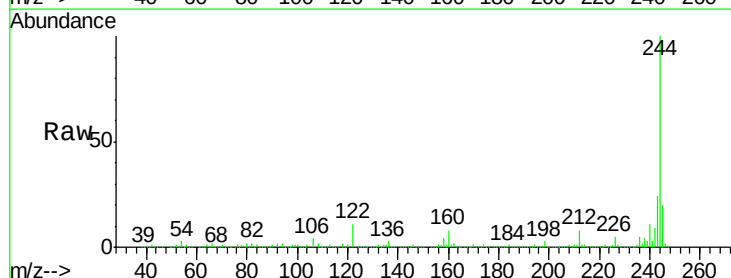
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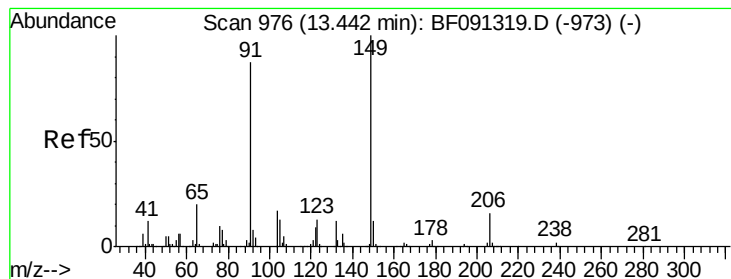
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#78
Terphenyl-d14
Concen: 94.15 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	10.9	9.5	14.3





#79

Butylbenzylphthalate

Concen: 54.83 ng

RT: 13.45 min Scan# 977

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

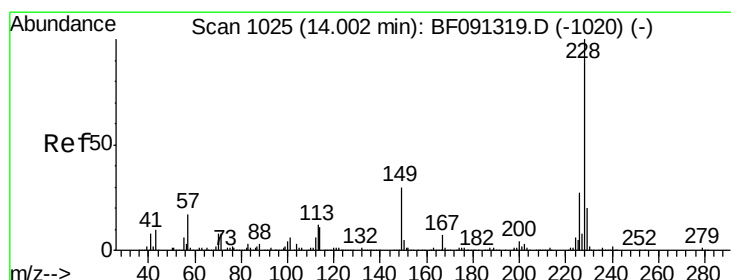
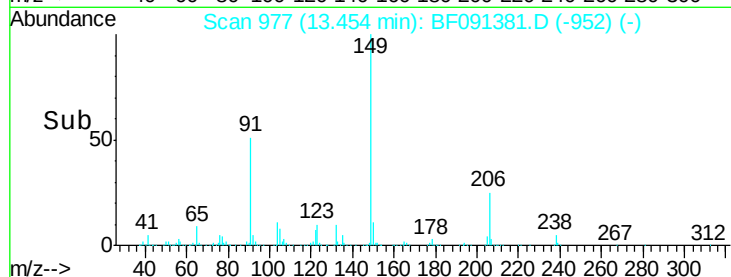
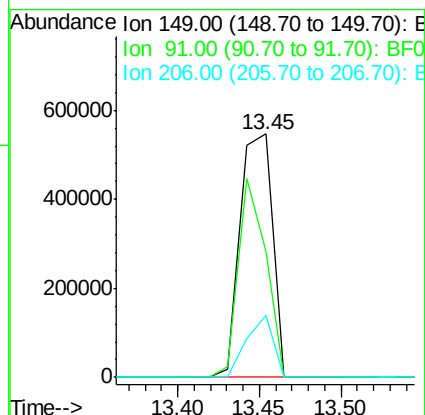
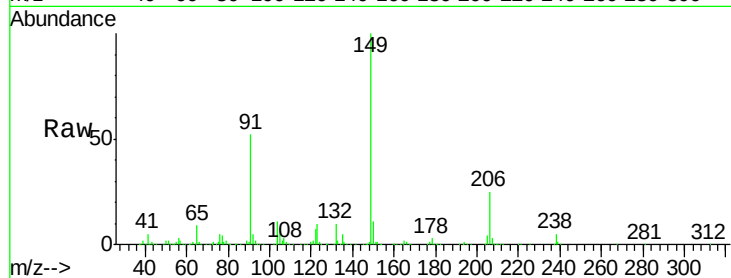
ClientSampleId :

PMW-1A-112916MS

Tot Ion:	149	Resp:	748995
Ion Ratio	Lower	Upper	
149	100		
91	51.5	57.4	86.2#
206	25.2	15.4	23.2#

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#80

Benzo(a)anthracene

Concen: 45.99 ng

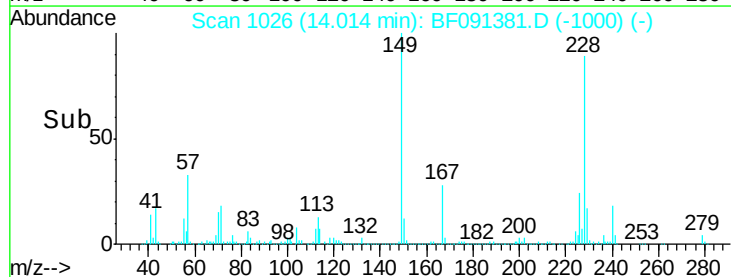
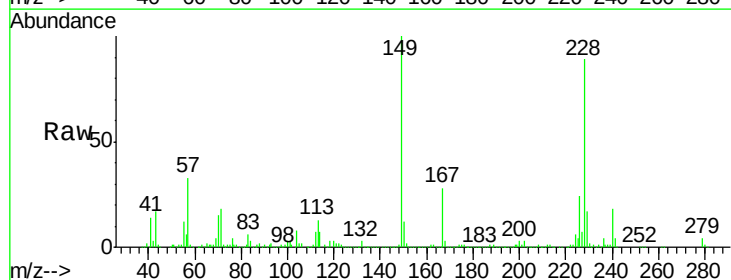
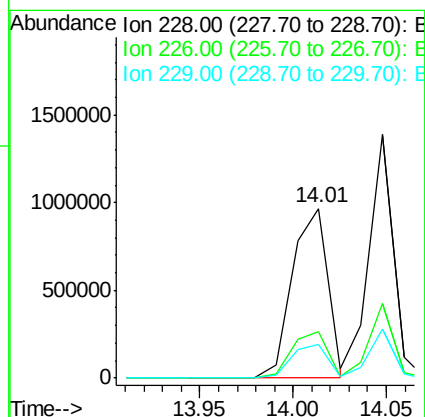
RT: 14.01 min Scan# 1026

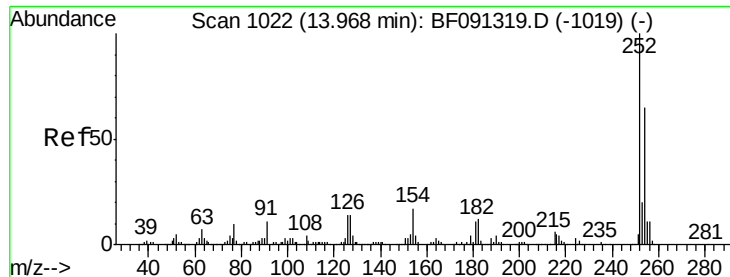
Delta R.T. -0.01 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Tgt Ion:	228	Resp:	1292711
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.5	33.7
229	19.6	16.4	24.6





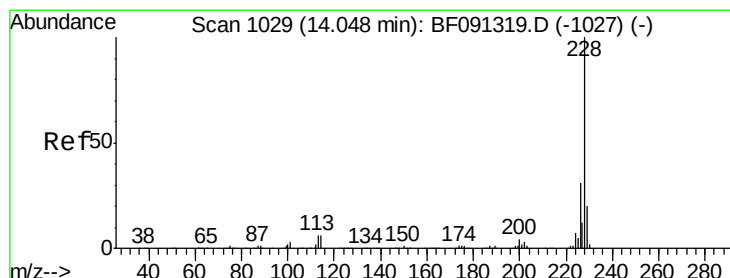
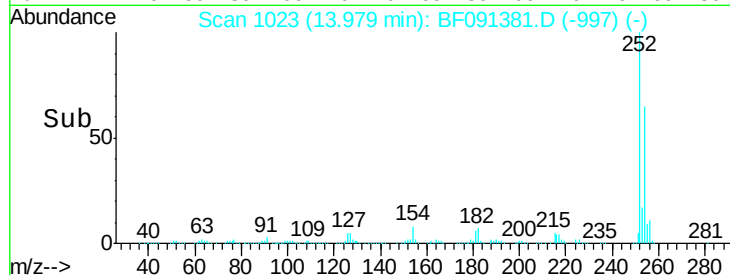
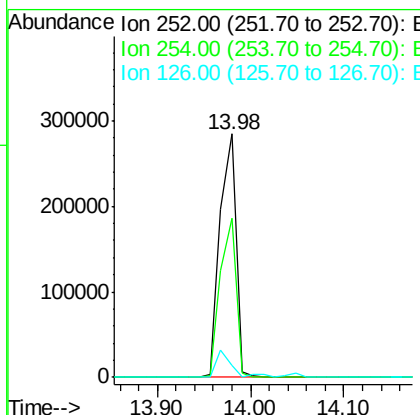
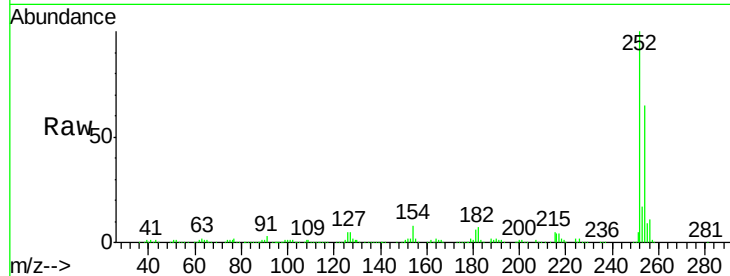
#81
 3,3'-Dichlorobenzidine
 Concen: 34.39 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.4	52.1	78.1
126	5.0	7.5	11.3

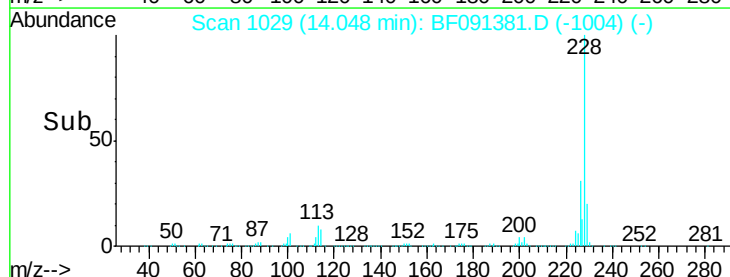
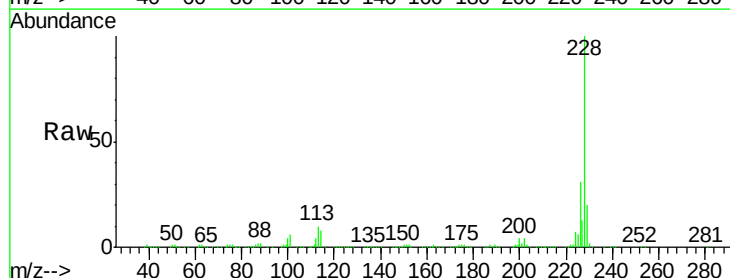
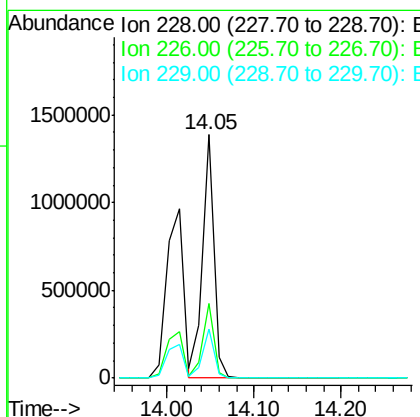
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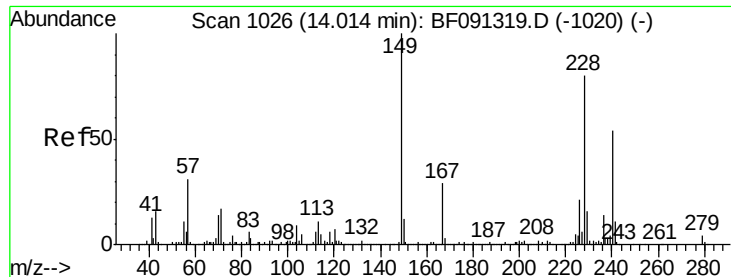
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#82
 Chrysene
 Concen: 45.19 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.3	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.93 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PMW-1A-112916MS

Tot Ion:149 Resp: 1002969

Ion Ratio Lower Upper

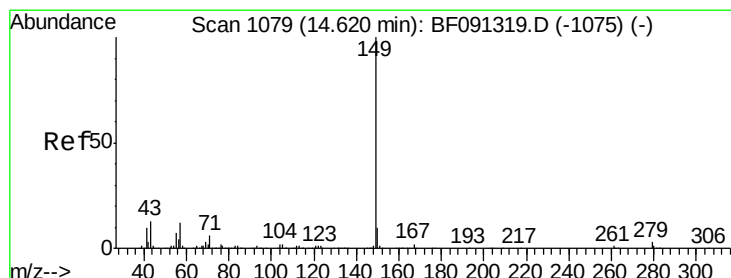
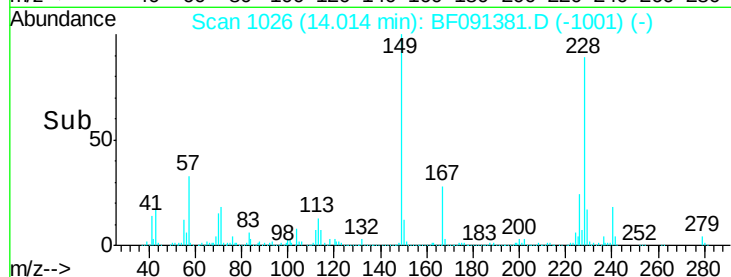
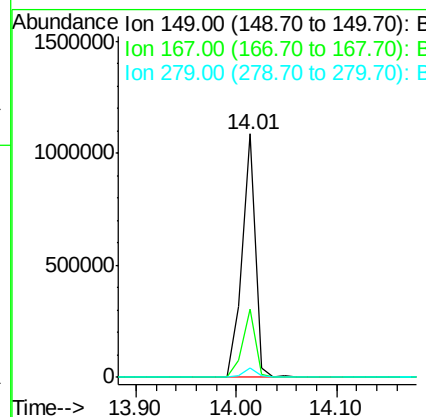
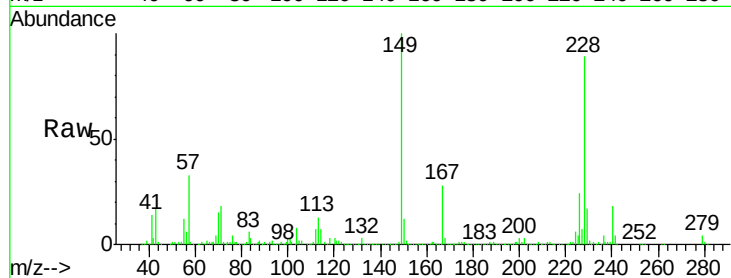
149 100

167 28.2 19.6 29.4

279 3.8 1.9 2.9#

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#84

Di-n-octyl phthalate

Concen: 56.42 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091381.D

Acq: 1 Dec 2016 19:07

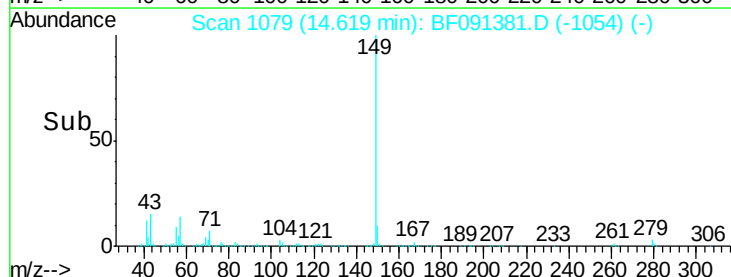
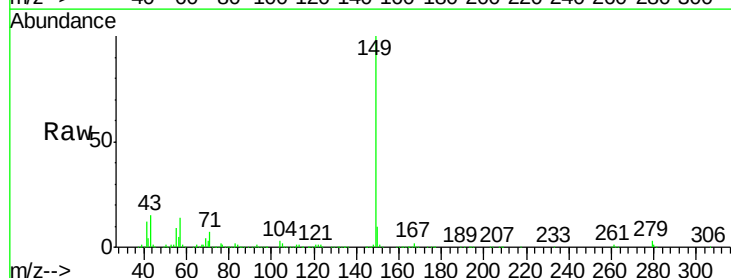
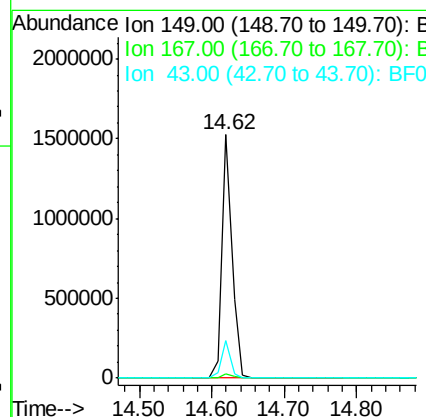
Tgt Ion:149 Resp: 1478060

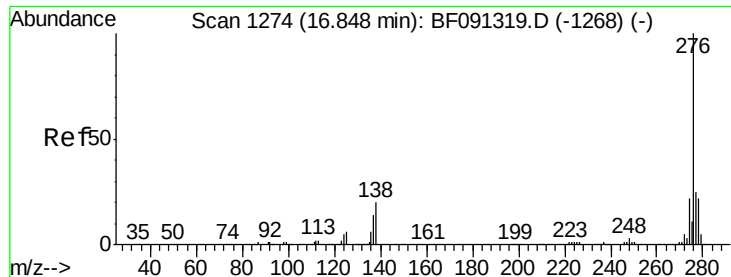
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 11.9 17.9





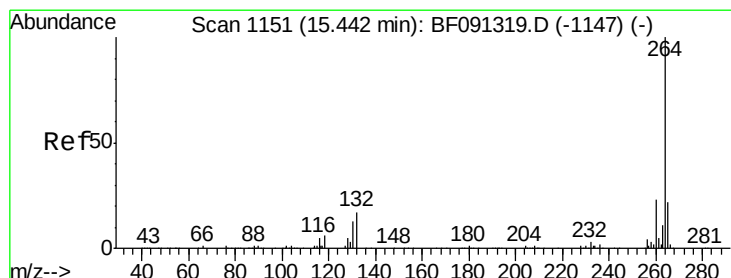
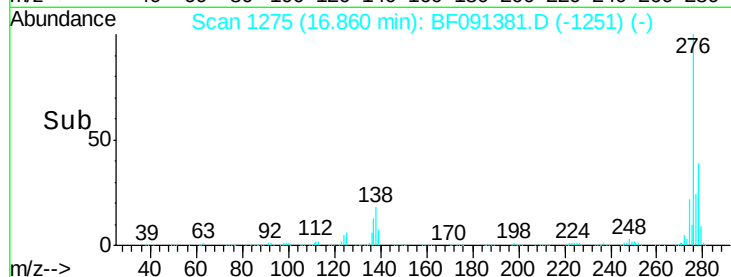
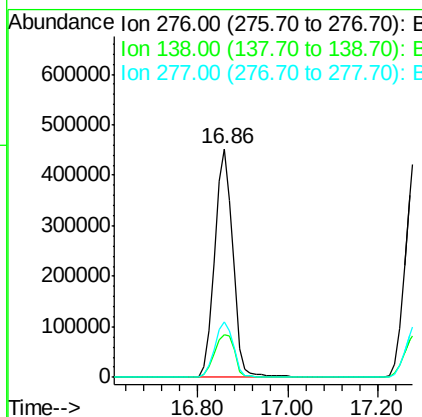
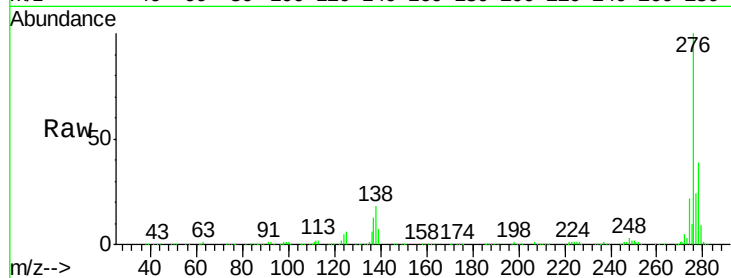
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.09 ng
RT: 16.86 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.0	31.4
277	25.1	20.2	30.2

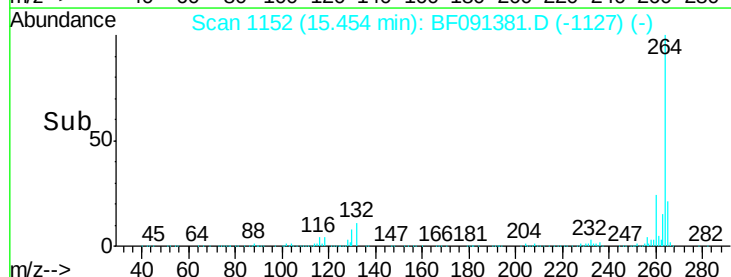
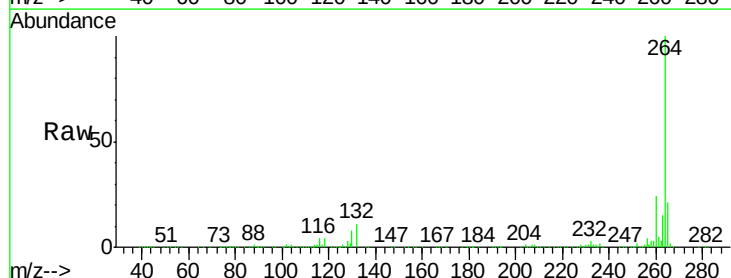
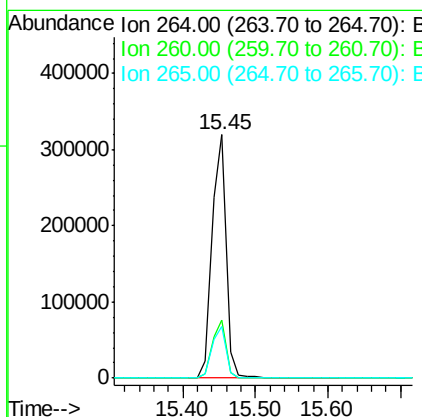
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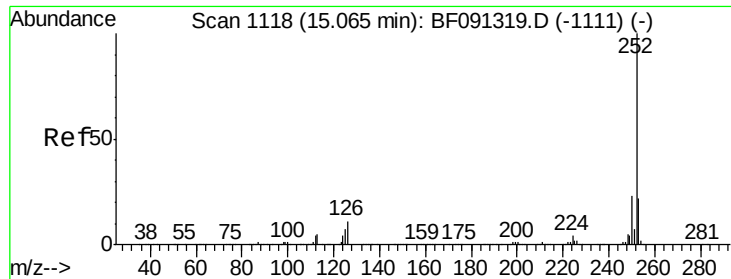
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.1	17.0	25.6





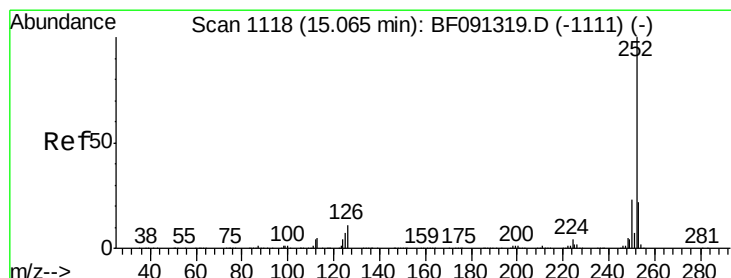
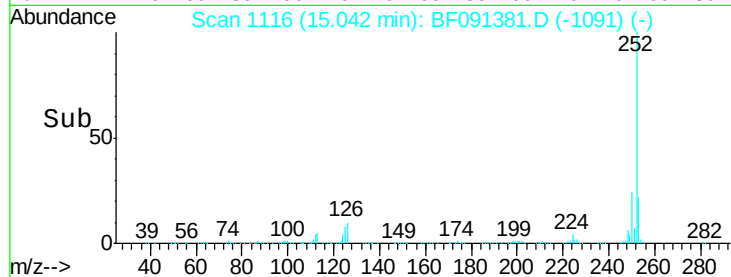
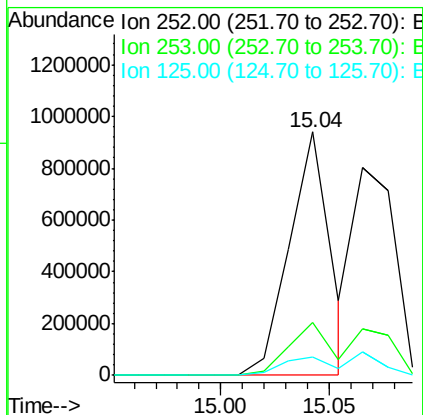
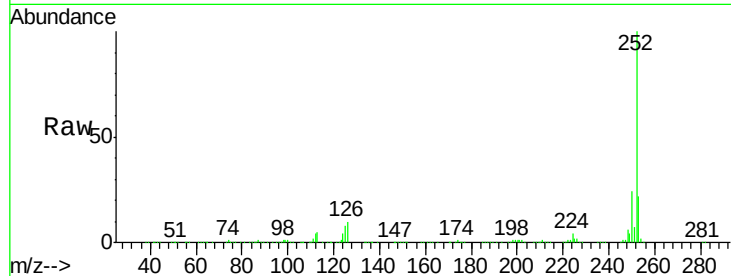
#87
Benzo(b)fluoranthene
Concen: 45.60 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	7.6	8.6	13.0

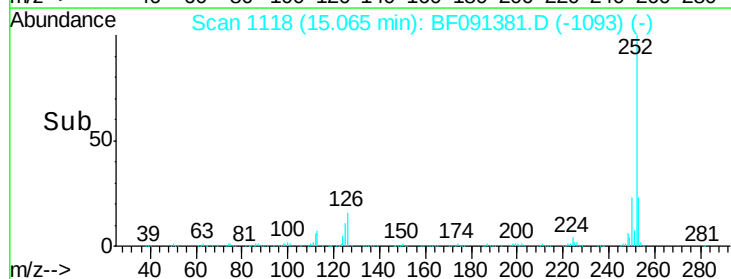
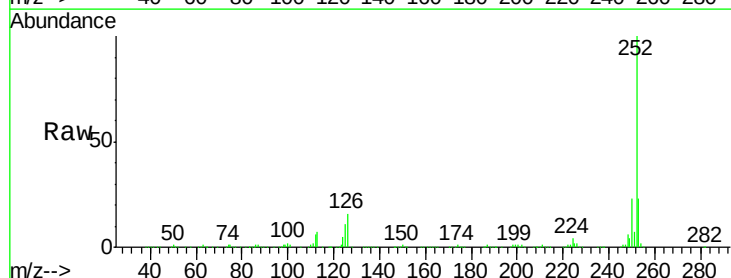
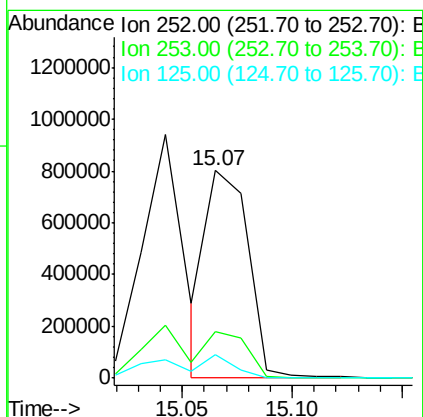
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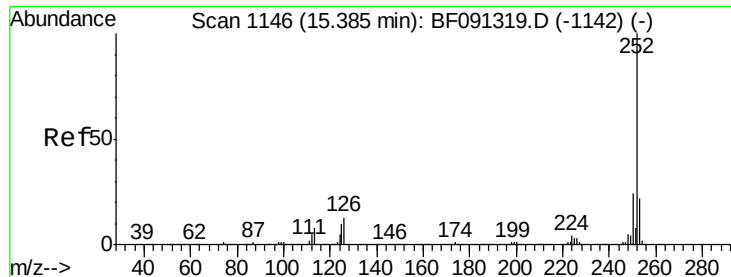
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#88
Benzo(k)fluoranthene
Concen: 47.80 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.1	9.6	14.4





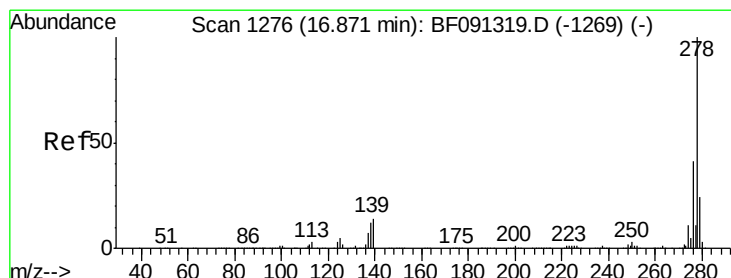
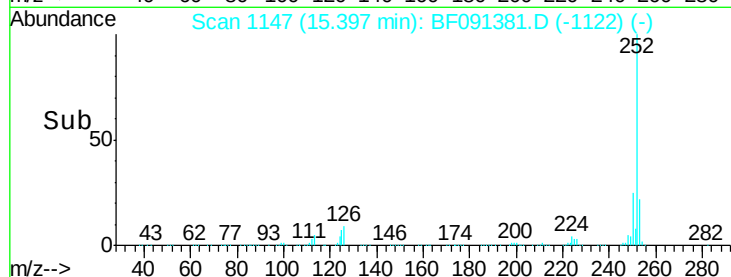
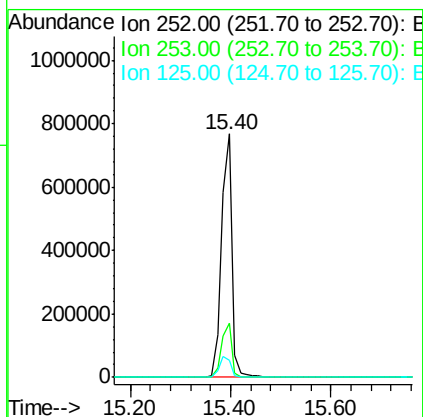
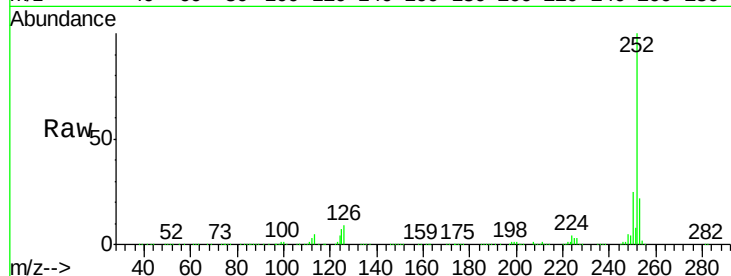
#89
Benzo(a)pyrene
Concen: 45.60 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Instrument :
BNA_F
ClientSampleId :
PMW-1A-112916MS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.2	18.2	27.4	
125	7.0	10.4	15.6	

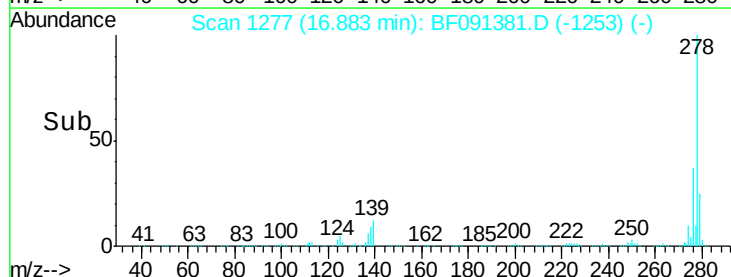
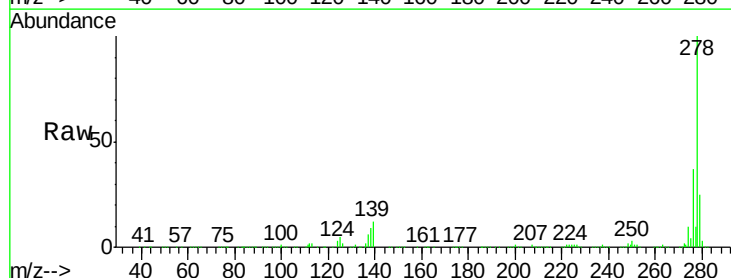
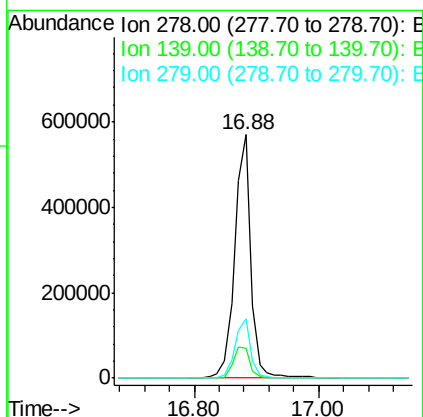
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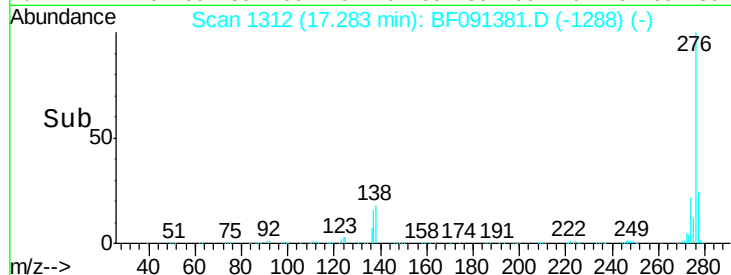
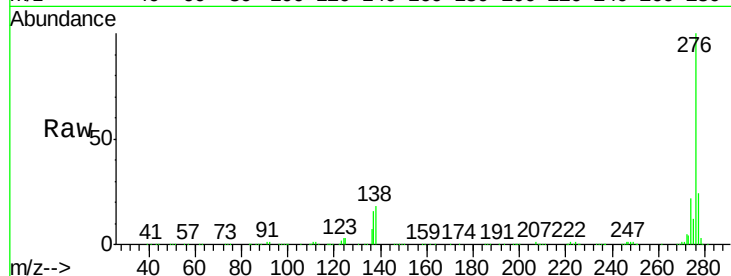
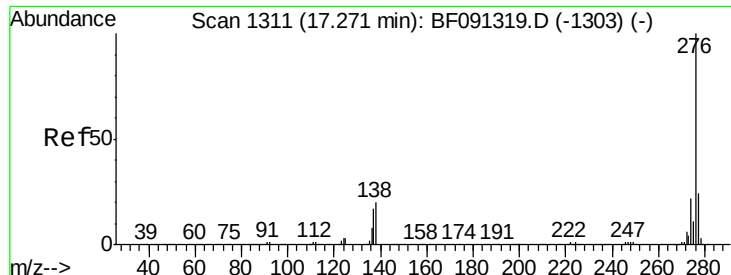
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#90
Dibenzo(a,h)anthracene
Concen: 46.48 ng
RT: 16.88 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF091381.D
Acq: 1 Dec 2016 19:07

Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	12.4	15.1	22.7	
279	24.5	19.0	28.6	





#91
 Benzo(a,h,i)perylene
 Concen: 46.96 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF091381.D
 Acq: 1 Dec 2016 19:07

Tot Ion:	276	Resp:	1076581
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.4
138	18.3	15.4	23.0

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-112916MS

Manual Integrations
 APPROVED

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