

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091438.D
 Acq On : 6 Dec 2016 00:36
 Operator : UM/SJ
 Sample : H5802-05MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Manual Integrations
 APPROVED

Quant Time: Dec 06 01:03:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123845	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	522109	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	294132	20.00	ng	0.01
63) Phenanthrene-d10	11.37	188	448367	20.00	ng	0.00
75) Chrysene-d12	14.01	240	294764	20.00	ng	0.01
86) Perylene-d12	15.43	264	274550	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	520518	68.66	ng	0.01
7) Phenol-d6	6.48	99	467983	50.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	880681	94.53	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	409296	146.99	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1801468	110.90	ng	0.01
78) Terphenyl-d14	12.96	244	1450784	106.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	58078	16.93	ng	# 78
3) Pyridine	3.22	79	138924	14.31	ng	# 82
4) n-Nitrosodimethylamine	3.14	42	113775	22.34	ng	# 93
6) Aniline	6.52	93	263712	21.27	ng	# 69
8) 2-Chlorophenol	6.64	128	355976	42.83	ng	# 99
9) Benzaldehyde	6.39	77	109283	18.21	ng	# 91
10) Phenol	6.50	94	187392	17.07	ng	# 71
11) bis(2-Chloroethyl)ether	6.58	93	353059	45.00	ng	# 95
12) 1,3-Dichlorobenzene	6.79	146	411362	44.49	ng	# 97
13) 1,4-Dichlorobenzene	6.87	146	436981	47.51	ng	# 99
14) 1,2-Dichlorobenzene	7.02	146	369743	43.16	ng	# 98
15) Benzyl Alcohol	7.00	79	272858	36.53	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	782534	46.38	ng	# 72
17) 2-Methylphenol	7.11	107	235636	35.86	ng	# 75
18) Hexachloroethane	7.36	117	148573	45.50	ng	# 85
19) n-Nitroso-di-n-propylamine	7.27	70	319023	54.26	ng	# 97
20) 3+4-Methylphenols	7.27	107	280694	35.00	ng	# 60
22) Acetophenone	7.26	105	604819	48.88	ng	# 85
24) Nitrobenzene	7.44	77	488660	51.23	ng	# 81
25) Isophorone	7.68	82	860739	52.15	ng	# 99
26) 2-Nitrophenol	7.75	139	201974	46.46	ng	# 97
27) 2,4-Dimethylphenol	7.80	122	334832	41.18	ng	# 98
28) bis(2-Chloroethoxy)methane	7.89	93	501718	50.50	ng	# 99
29) 2,4-Dichlorophenol	8.00	162	366590	51.25	ng	# 93
30) 1,2,4-Trichlorobenzene	8.08	180	413736	51.59	ng	# 98
31) Naphthalene	8.16	128	1235100	49.77	ng	# 100
32) Benzoic acid	7.89	122	58160	9.70	ng	# 94
33) 4-Chloroaniline	8.21	127	138157	13.02	ng	# 98
34) Hexachlorobutadiene	8.29	225	236747	48.01	ng	# 99
35) Caprolactam	8.62	113	21062	10.24	ng	# 84
36) 4-Chloro-3-methylphenol	8.70	107	367119	47.54	ng	# 85
37) 2-Methylnaphthalene	8.85	142	825633	48.98	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	422568	50.96	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	185832	48.35	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	281840m	52.30	nq	
43) 2,4,5-Trichlorophenol	9.18	196	272233m	50.41	nq	
45) 1,1'-Biphenyl	9.32	154	961206	45.45	nq	97
46) 2-Chloronaphthalene	9.34	162	724931	46.02	nq	98
47) 2-Nitroaniline	9.44	65	292269	51.66	nq	99
48) Acenaphthylene	9.76	152	1172394	47.28	nq	100
49) Dimethylphthalate	9.62	163	863289	48.47	nq	97
50) 2,6-Dinitrotoluene	9.68	165	208865	52.47	nq	93
51) Acenaphthene	9.93	154	910143	54.42	nq	95
52) 3-Nitroaniline	9.85	138	72579	15.75	nq	# 81
53) 2,4-Dinitrophenol	9.96	184	152283	87.48	nq	# 82
54) Dibenzofuran	10.10	168	1205716	53.84	nq	90
55) 4-Nitrophenol	10.02	139	120865	36.32	nq	89
56) 2,4-Dinitrotoluene	10.08	165	254363	49.26	nq	# 66
57) Fluorene	10.45	166	923761	53.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	228153	49.47	nq	# 96
59) Diethylphthalate	10.32	149	879359	50.02	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	437428	50.73	nq	# 90
61) 4-Nitroaniline	10.46	138	134383	31.06	nq	84
62) Azobenzene	10.60	77	1014479	56.55	nq	91
64) 4,6-Dinitro-2-methylphenol	10.49	198	137641	55.72	nq	# 45
65) n-Nitrosodiphenylamine	10.56	169	808782	59.50	nq	98
66) 4-Bromophenyl-phenylether	10.93	248	302085	62.68	nq	# 84
67) Hexachlorobenzene	10.98	284	290595	55.80	nq	# 73
68) Atrazine	11.11	200	177215	40.25	nq	98
69) Pentachlorophenol	11.19	266	337050	109.94	nq	95
70) Phenanthrene	11.41	178	1309329	56.20	nq	99
71) Anthracene	11.45	178	1185959	51.29	nq	99
72) Carbazole	11.61	167	1083502	51.64	nq	98
73) Di-n-butylphthalate	11.94	149	1219470	51.28	nq	99
74) Fluoranthene	12.58	202	1084028	49.12	nq	99
77) Pyrene	12.81	202	1081728	48.36	nq	99
79) Butylbenzylphthalate	13.44	149	478520	57.13	nq	86
80) Benzo(a)anthracene	14.00	228	906269	52.57	nq	99
82) Chrysene	14.04	228	884541	51.86	nq	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	681148	64.15	nq	# 93
84) Di-n-octyl phthalate	14.61	149	1014914	63.17	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	920886	58.95	nq	# 91
87) Benzo(b)fluoranthene	15.03	252	938561m	55.00	nq	
88) Benzo(k)fluoranthene	15.05	252	731377m	50.97	nq	
89) Benzo(a)pyrene	15.37	252	818473	53.41	nq	# 96
90) Dibenzo(a,h)anthracene	16.86	278	777628	54.86	nq	# 91
91) Benzo(g,h,i)perylene	17.26	276	741146	50.71	nq	# 95

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

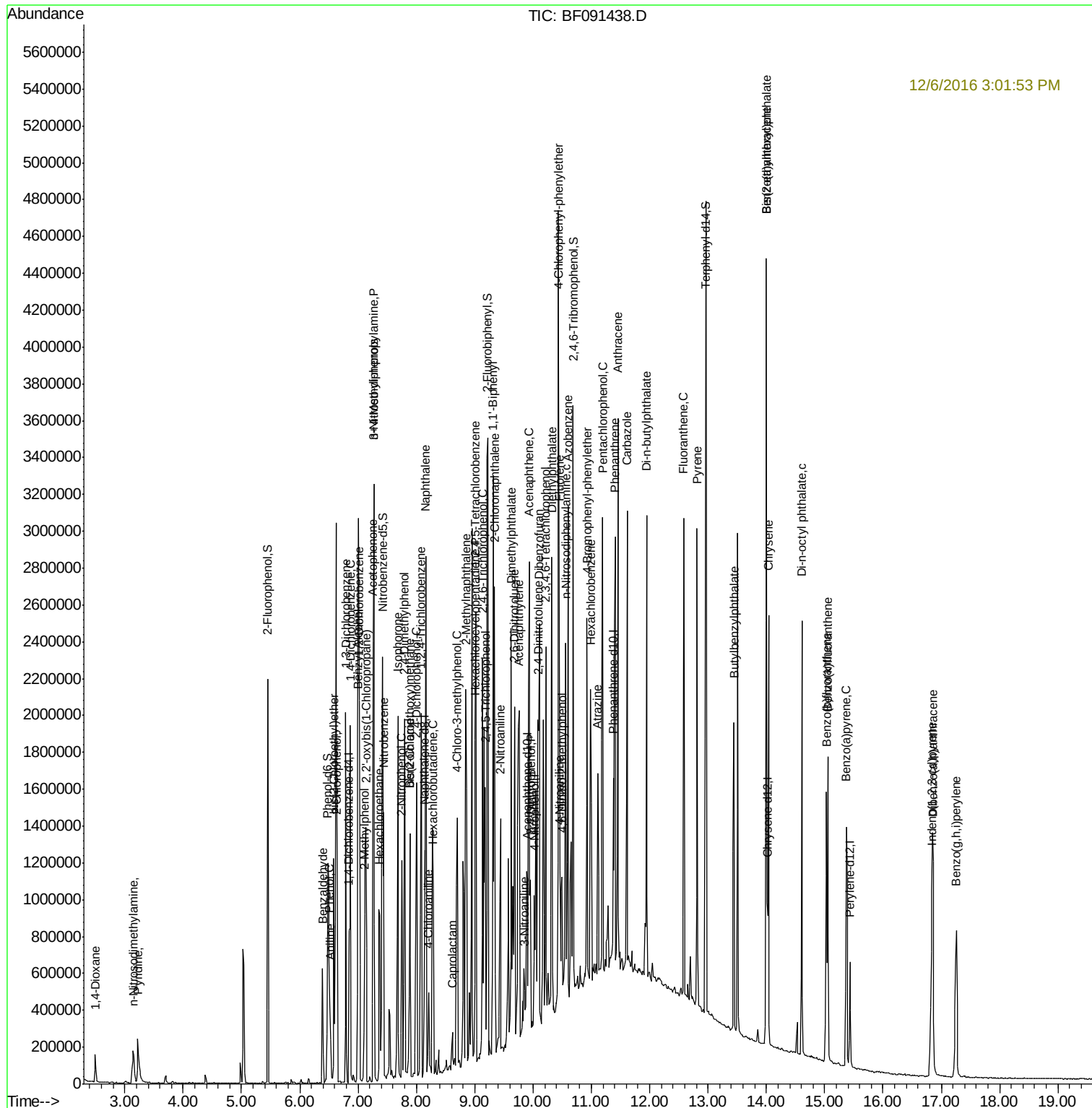
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
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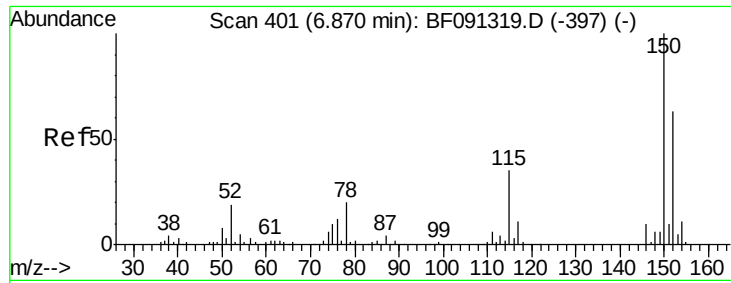
Instrument :
BNA_F
ClientSampled :
MW-04MSD

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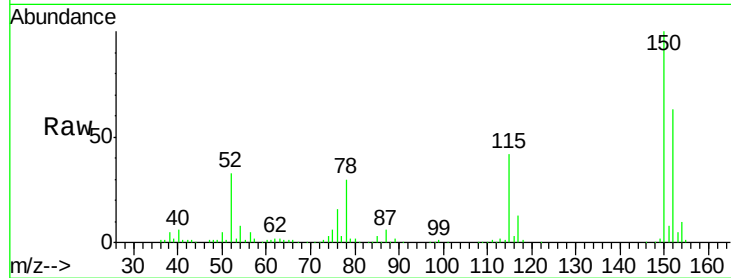
#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

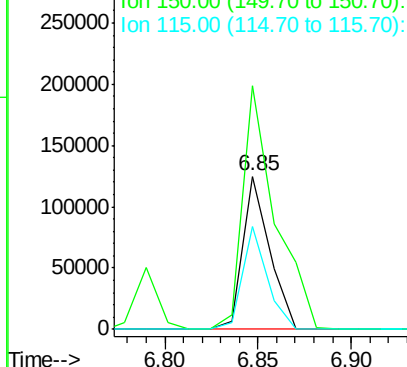
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.5	183.7
115	67.6	51.8	77.8

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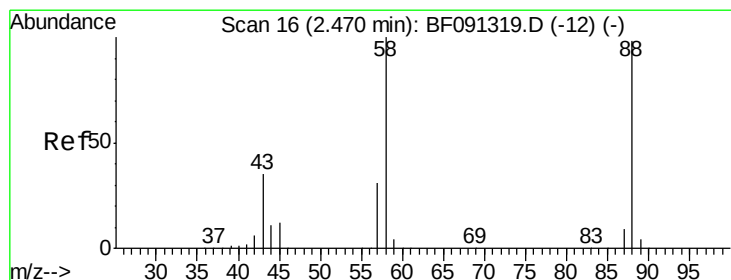
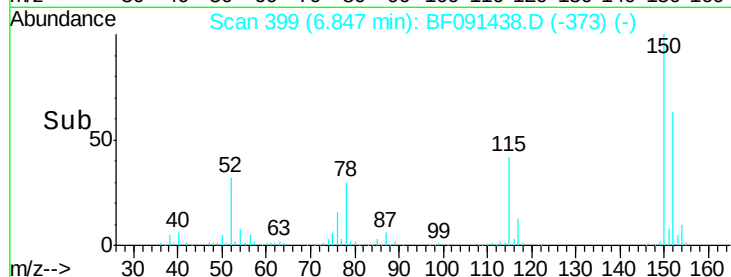


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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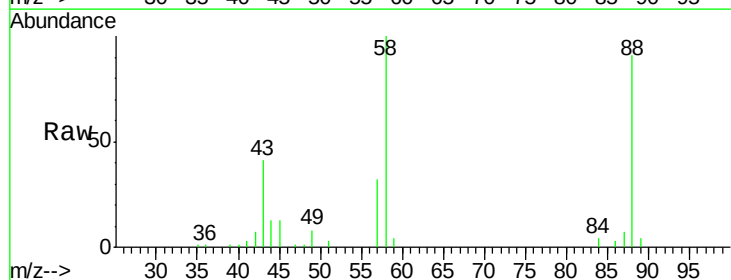
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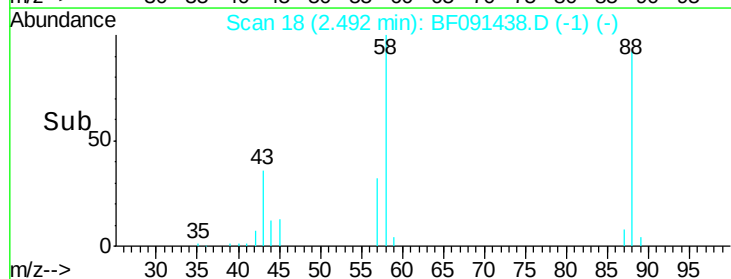
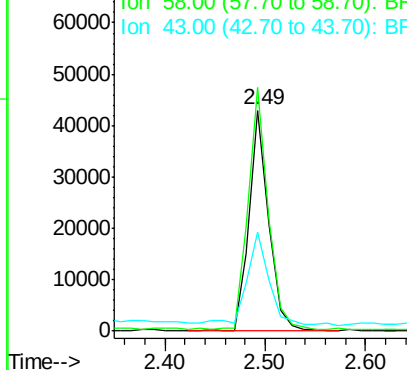
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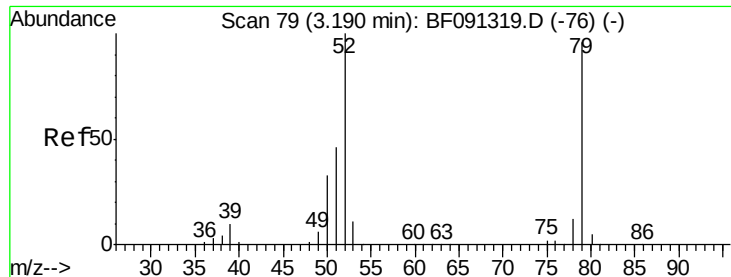
1,4-Dioxane
Concen: 16.93 ng
RT: 2.49 min Scan# 18
Delta R.T. 0.05 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	111.5	70.3	105.5#
43	48.3	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: 14.31 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.07 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

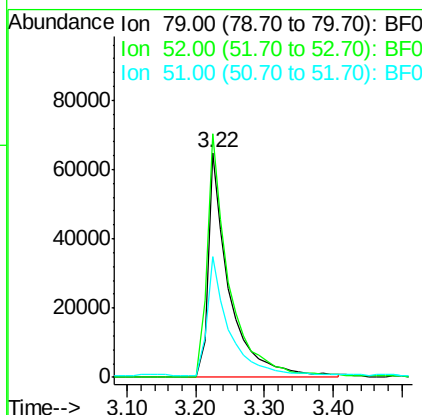
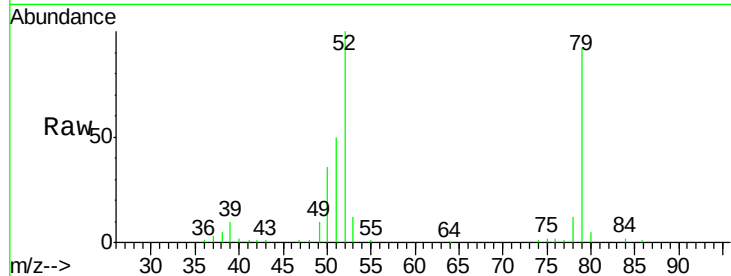
BNA_F

ClientSampleId :

MW-04MSD

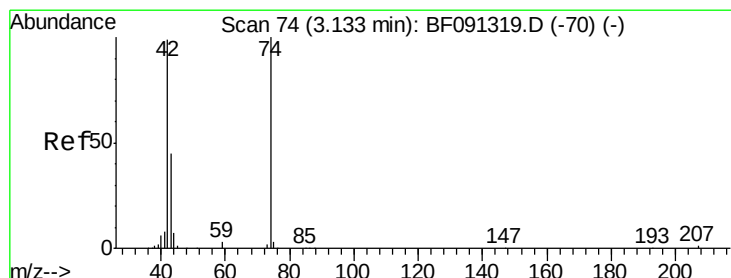
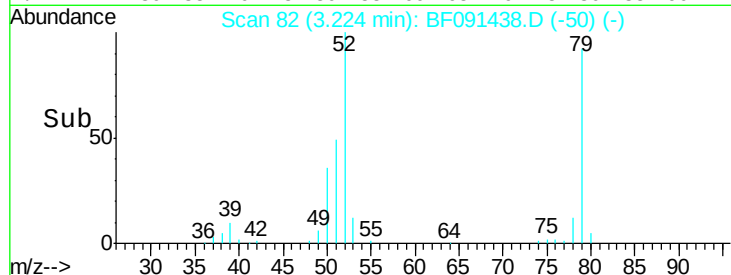
Tot Ion:	79	Resp:	138924
Ion	Ratio	Lower	Upper
79	100		
52	108.5	71.0	106.4#
51	54.0	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 22.34 ng

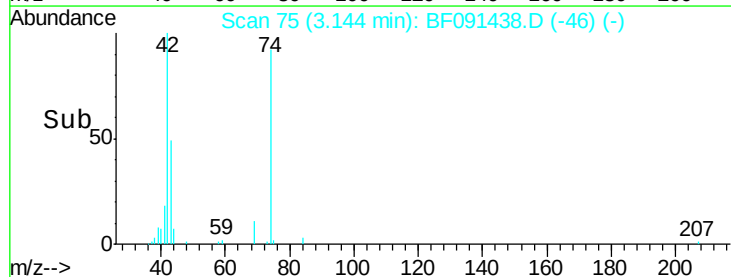
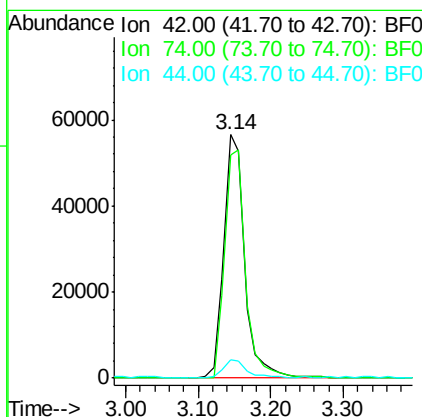
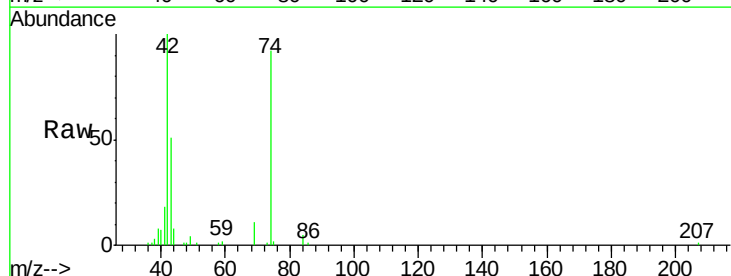
RT: 3.14 min Scan# 75

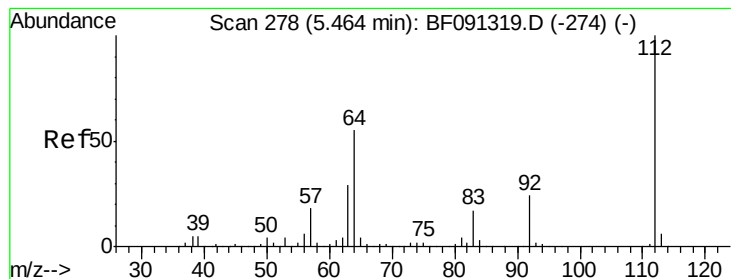
Delta R.T. 0.03 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion:	42	Resp:	113775
Ion	Ratio	Lower	Upper
42	100		
74	91.5	78.9	118.3
44	7.7	5.8	8.6



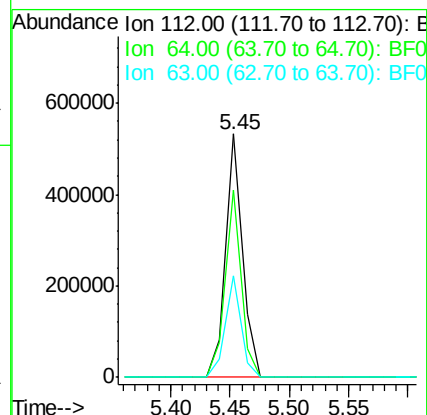
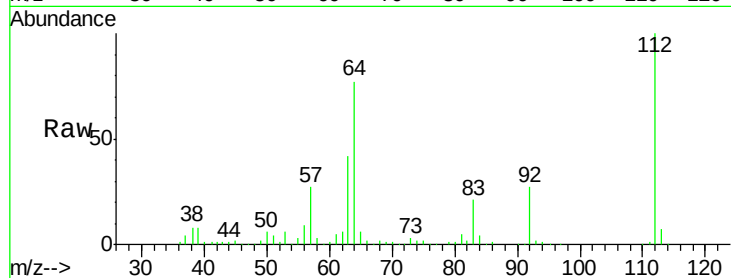


#5
2-Fluorophenol
Concen: 68.66 ng
RT: 5.45 min Scan# 277
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
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ClientSampleId :
MW-04MSD

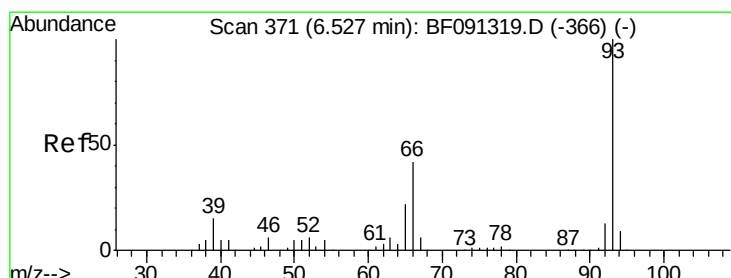
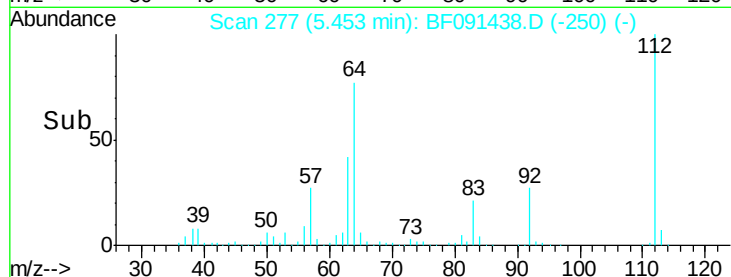
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	76.7	61.5	92.3
63	41.7	33.3	49.9

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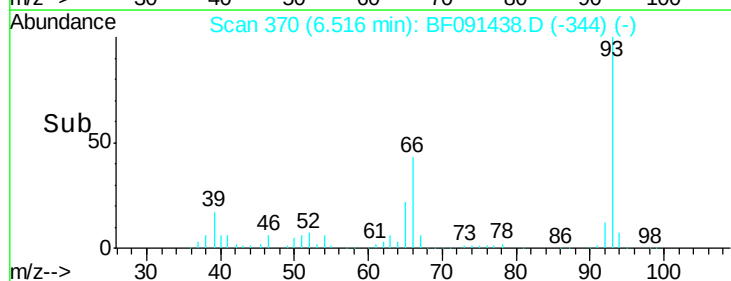
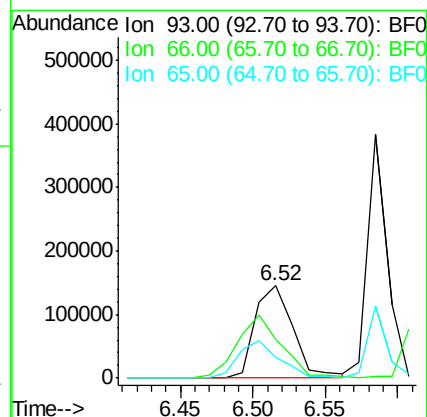
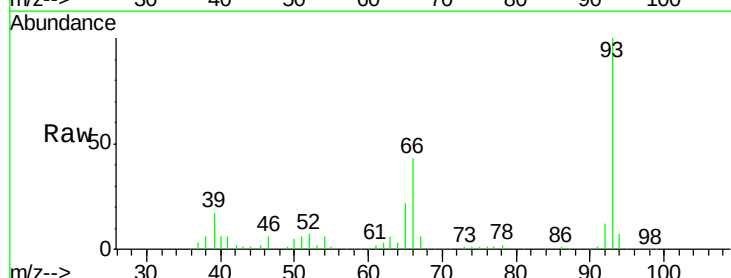
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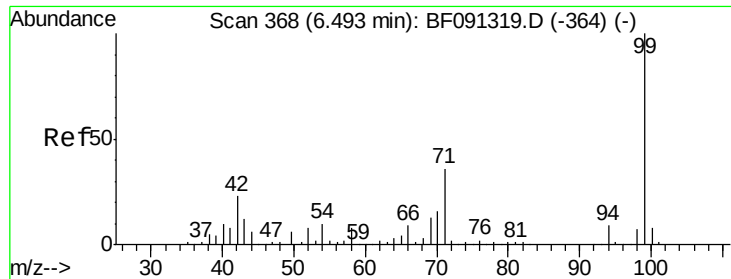
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#6
Aniline
Concen: 21.27 ng
RT: 6.52 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.5	55.8	83.6#
65	22.1	29.9	44.9#





#7

Phenol-d6

Concen: 50.15 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tot Ion:	99	Resp:	467983
Ion Ratio	Lower	Upper	
99	100		
42	26.4	20.6	31.0
71	39.3	29.9	44.9

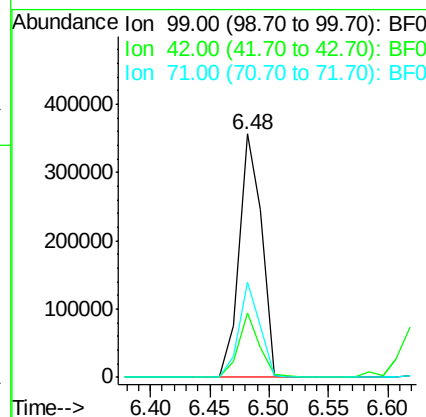
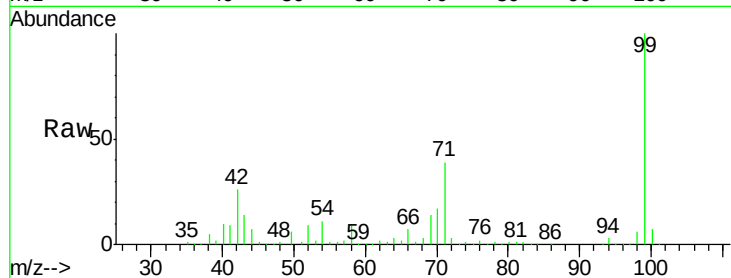
Instrument :

BNA_F

ClientSampleId :

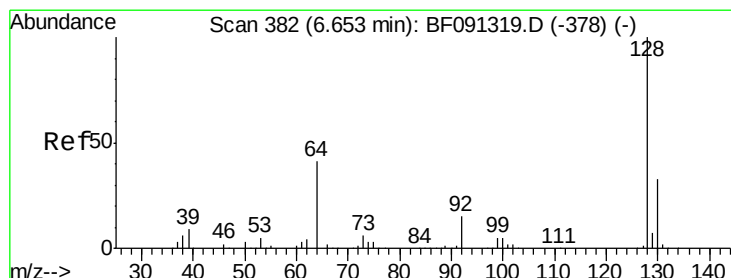
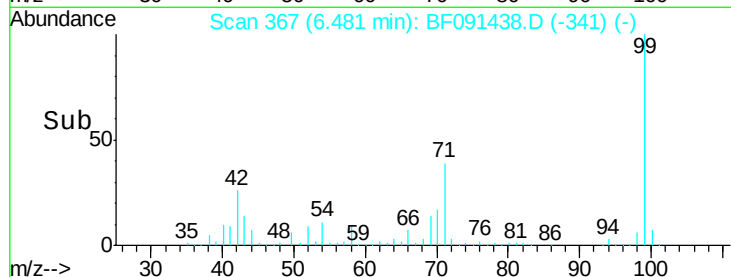
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#8

2-Chlorophenol

Concen: 42.83 ng

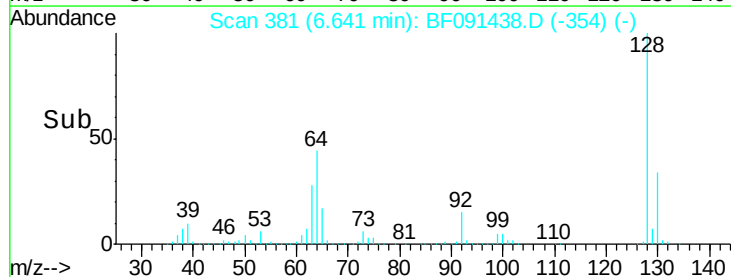
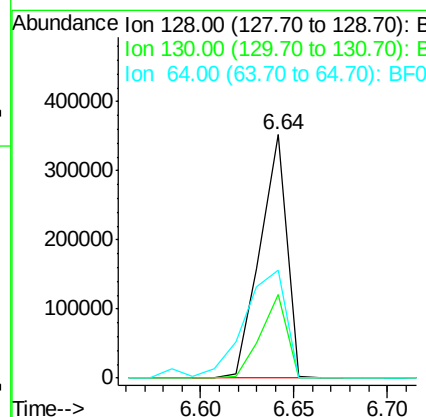
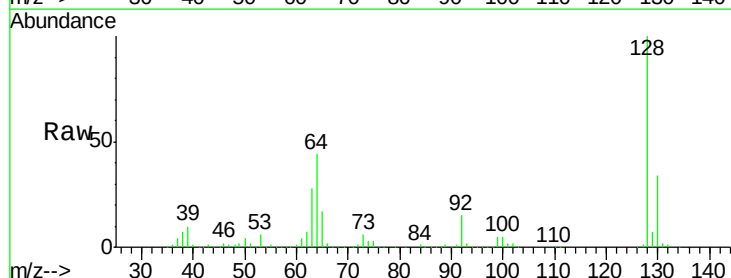
RT: 6.64 min Scan# 381

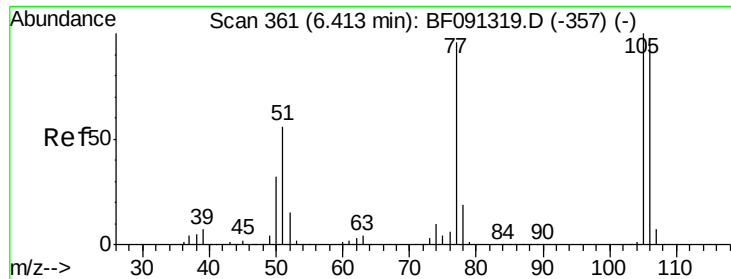
Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion:	128	Resp:	355976
Ion Ratio	Lower	Upper	
128	100		
130	34.5	13.1	53.1
64	44.5	24.1	64.1





#9

Benzaldehyde

Concen: 18.21 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

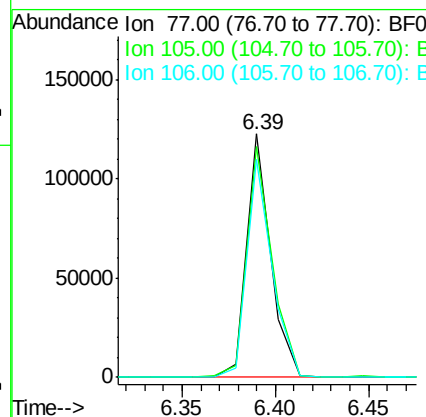
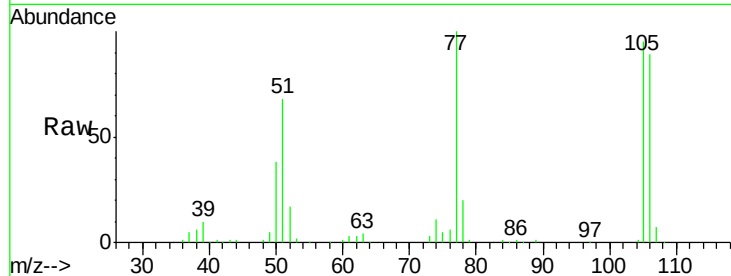
BNA_F

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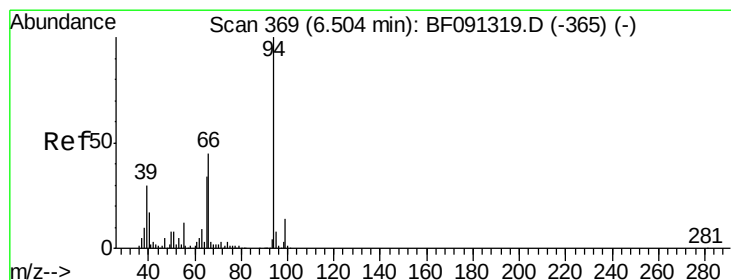
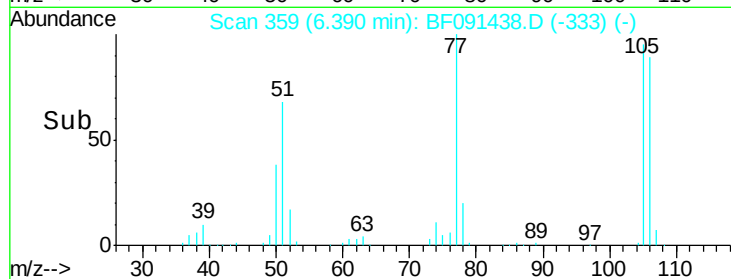
Tot Ion:	77	Resp:	109283
Ion Ratio	Lower	Upper	
77	100		
105	94.7	66.4	106.4
106	89.5	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 17.07 ng

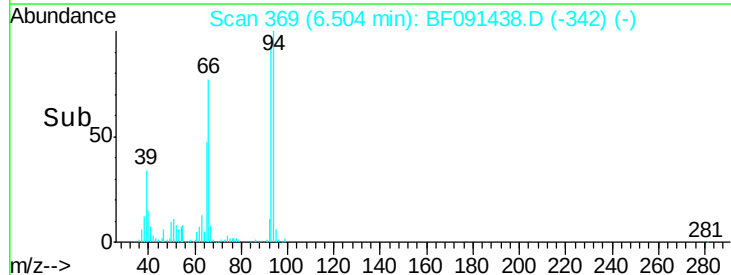
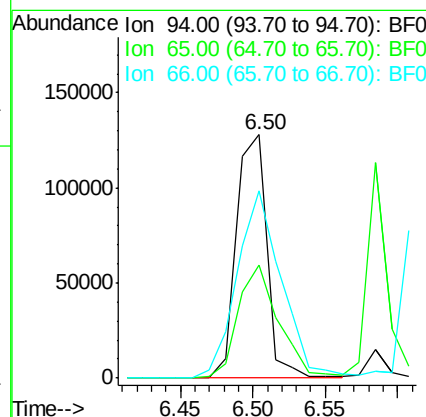
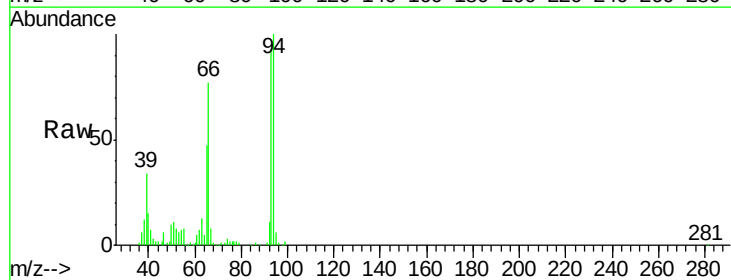
RT: 6.50 min Scan# 369

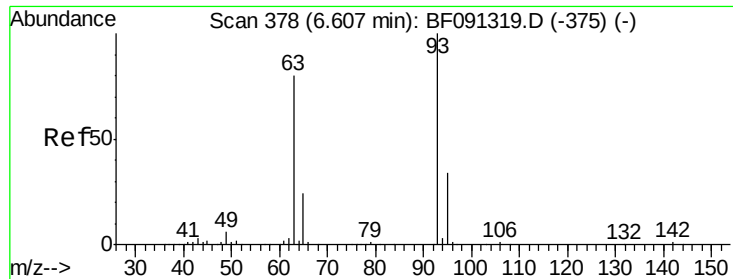
Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion:	94	Resp:	187392
Ion Ratio	Lower	Upper	
94	100		
65	46.6	16.9	56.9
66	77.1	30.6	70.6#



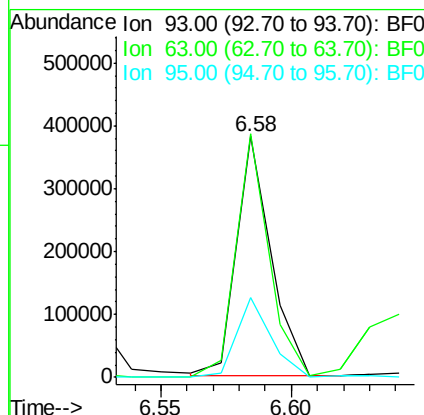
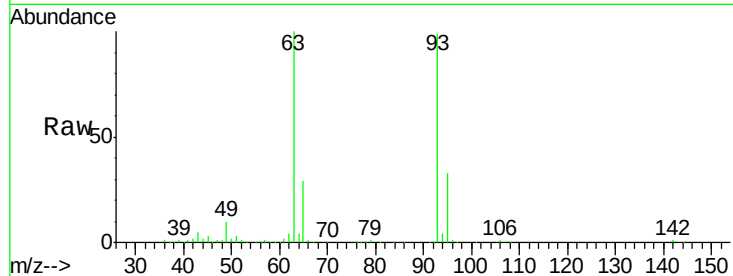


#11
bis(2-Chloroethyl)ether
Concen: 45.00 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

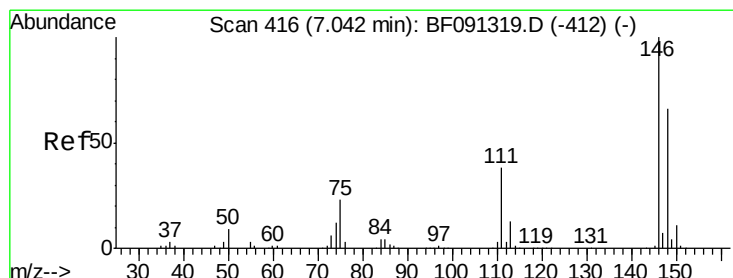
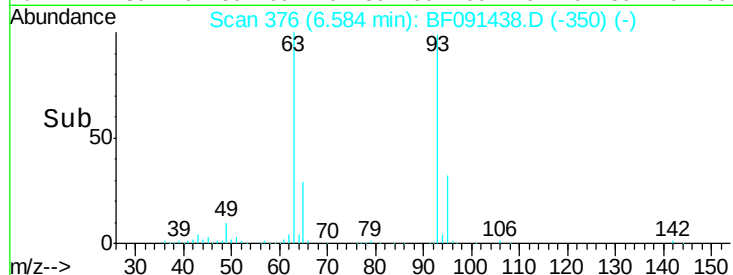
Tot Ion	Ratio	Lower	Upper
93	100		
63	101.0	74.8	114.8
95	32.9	12.4	52.4

Manual Integrations
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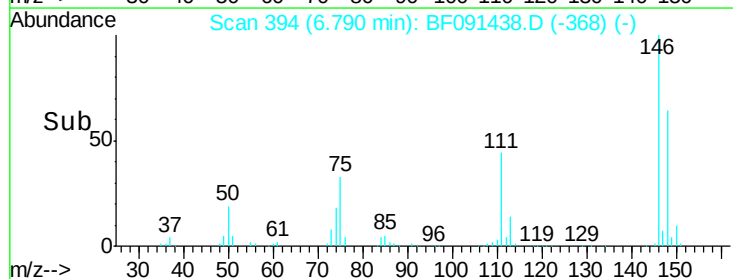
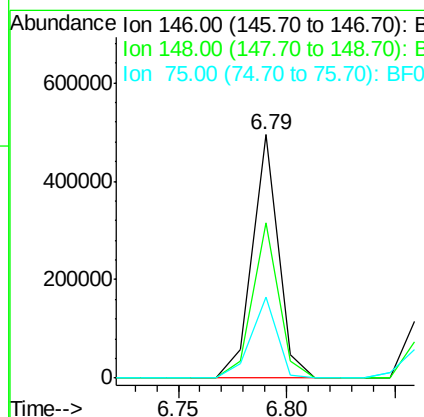
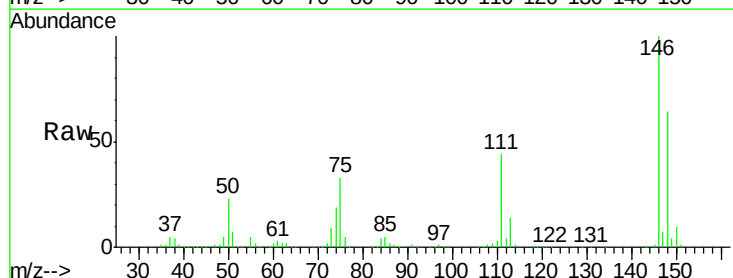
sohil

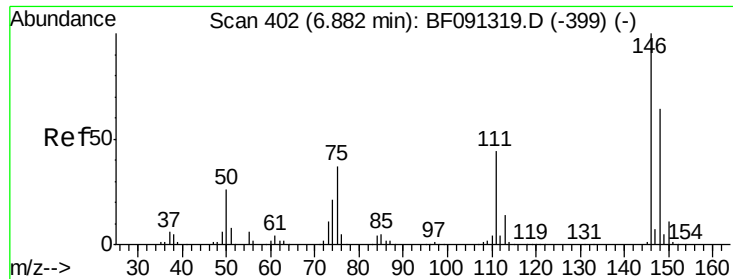
12/6/2016 3:01:53 PM



#12
1,3-Dichlorobenzene
Concen: 44.49 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	33.2	23.6	35.4



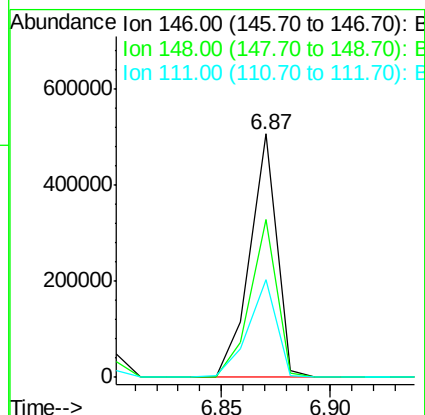
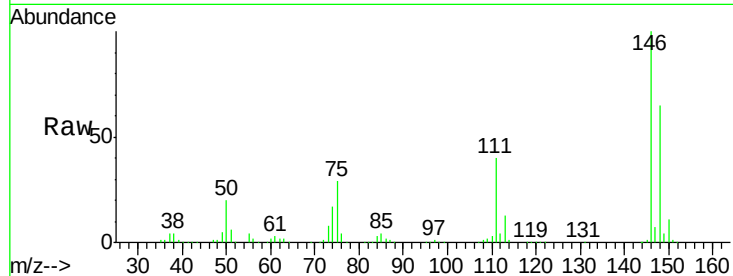


#13
1,4-Dichlorobenzene
Concen: 47.51 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

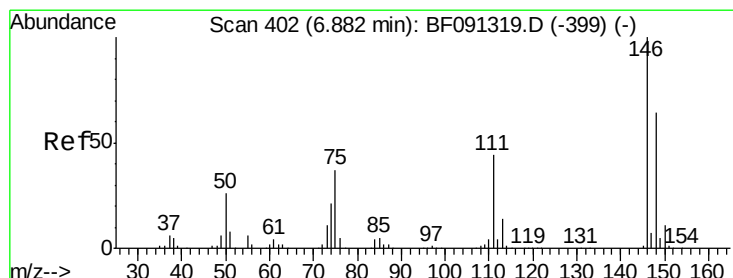
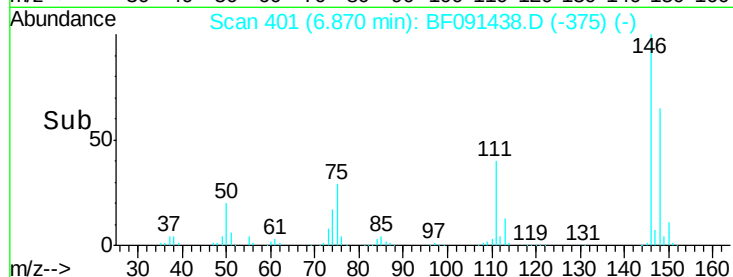
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	39.9	32.2	48.2

Manual Integrations
APPROVED



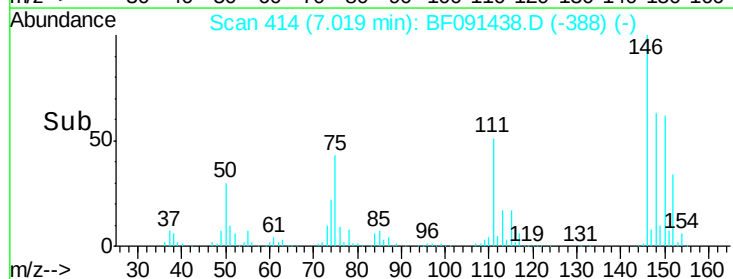
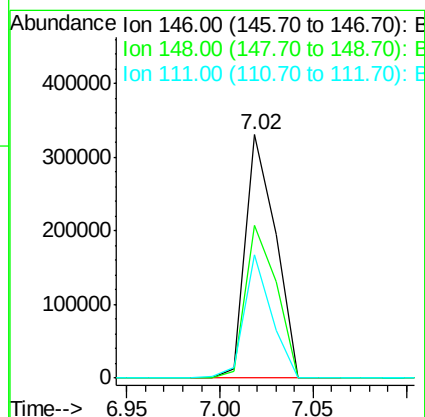
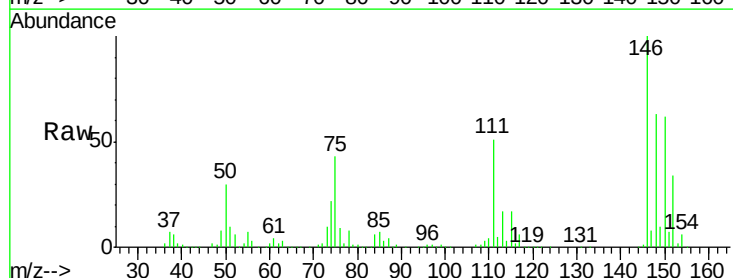
sohil

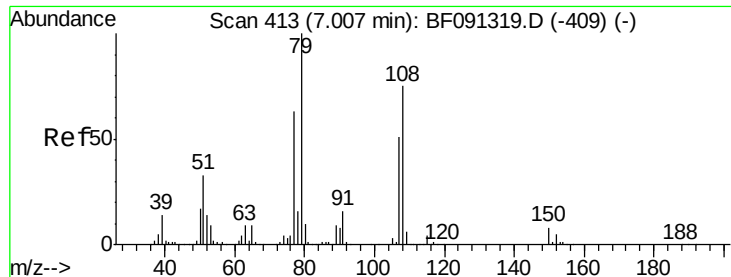
12/6/2016 3:01:53 PM



#14
1,2-Dichlorobenzene
Concen: 43.16 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.6
111	50.6	38.9	58.3





#15

Benzyl Alcohol

Concen: 36.53 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tot Ion:	79	Resp:	272858
Ion Ratio	Lower	Upper	
79	100		
108	70.4	62.7	94.1
77	62.5	51.7	77.5

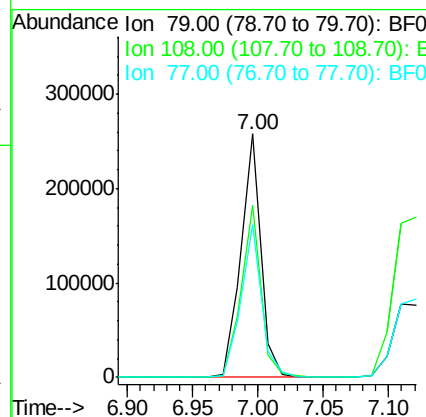
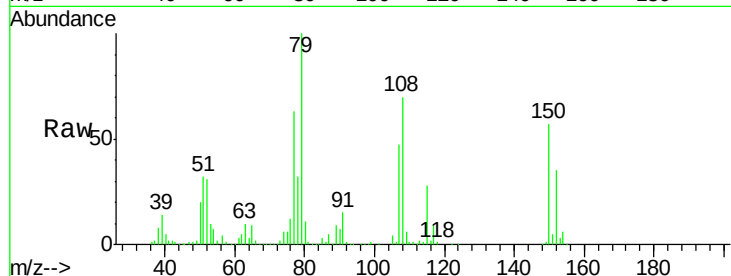
Instrument :

BNA_F

ClientSampleId :

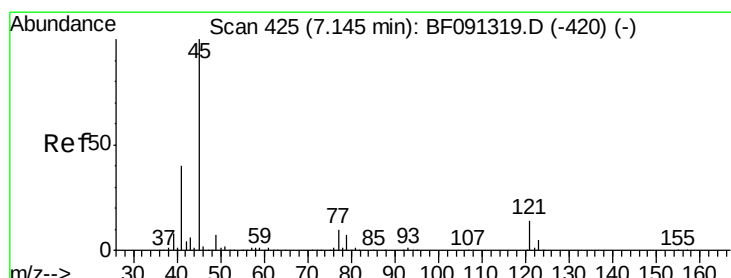
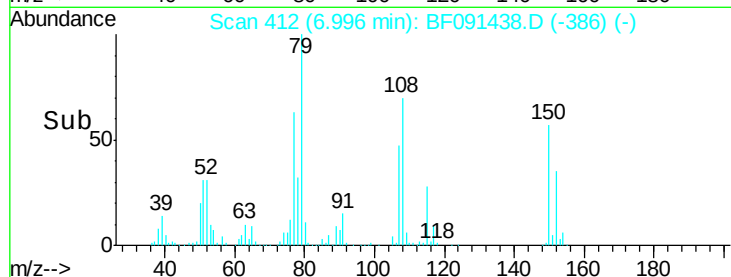
MW-04MSD

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.38 ng

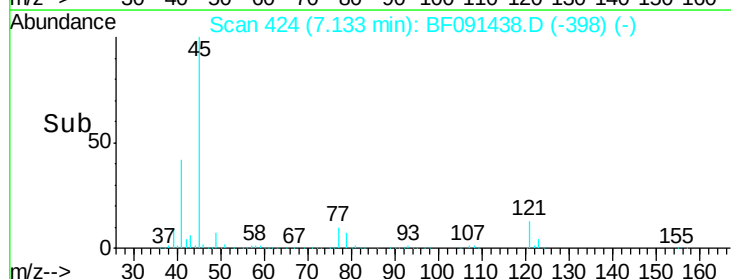
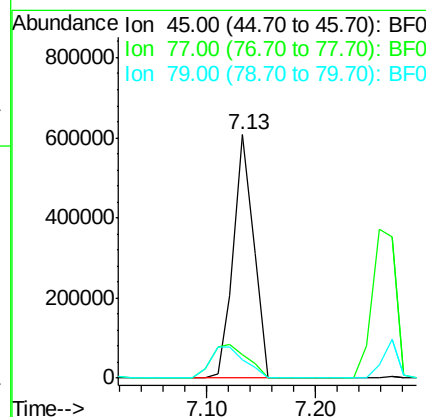
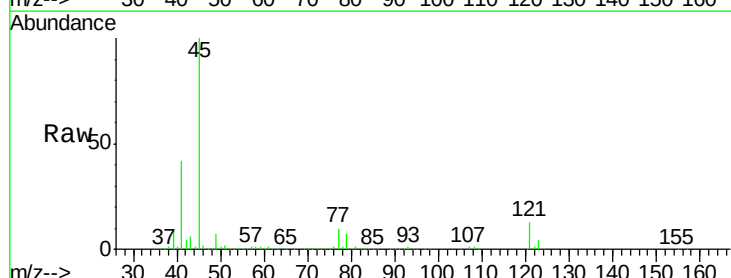
RT: 7.13 min Scan# 424

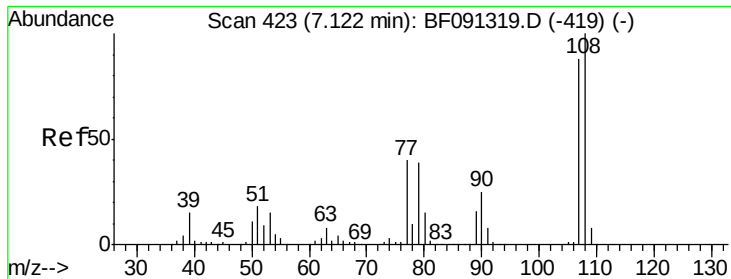
Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion:	45	Resp:	782534
Ion Ratio	Lower	Upper	
45	100		
77	9.8	3.8	43.8
79	7.4	0.2	40.2





#17

2-Methylphenol

Concen: 35.86 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampled :

MW-04MSD

Tot Ion:107 Resp: 235636

Ion Ratio Lower Upper

107 100

108 112.0 67.7 101.5#

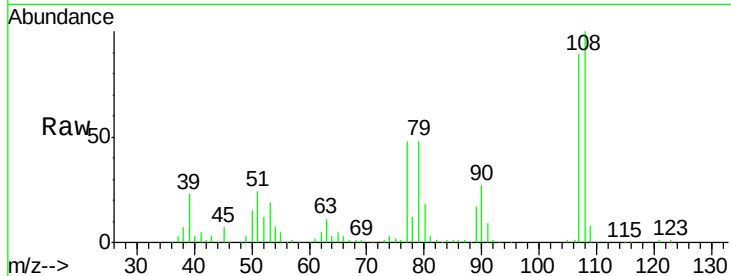
77 53.9 40.7 61.1

79 53.2 23.4 35.2#

Manual Integrations
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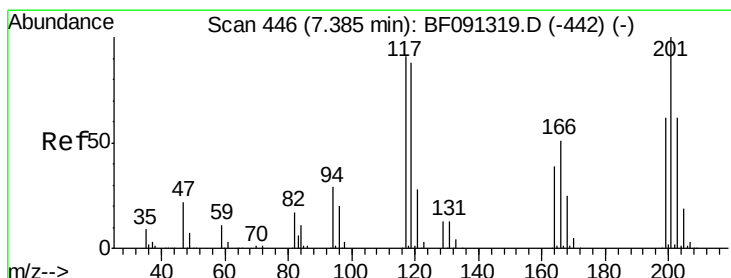
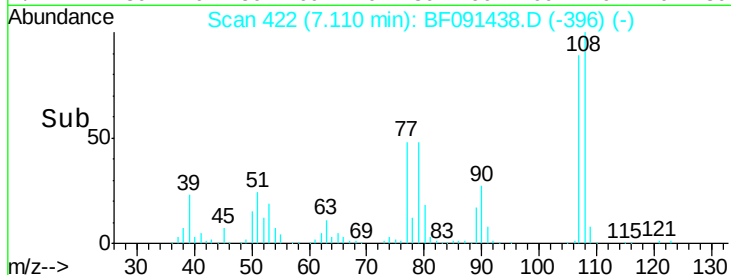
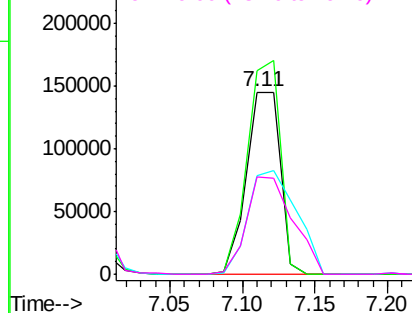
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 45.50 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

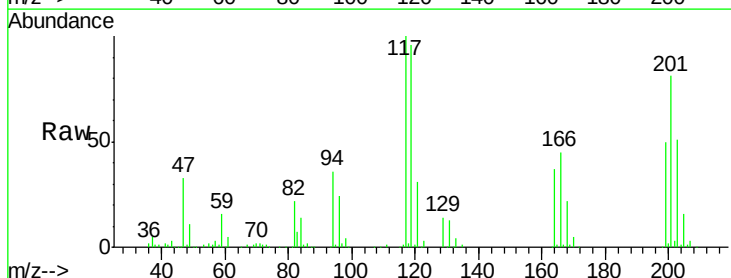
Tgt Ion:117 Resp: 148573

Ion Ratio Lower Upper

117 100

119 95.6 78.6 118.0

201 81.4 86.7 130.1#

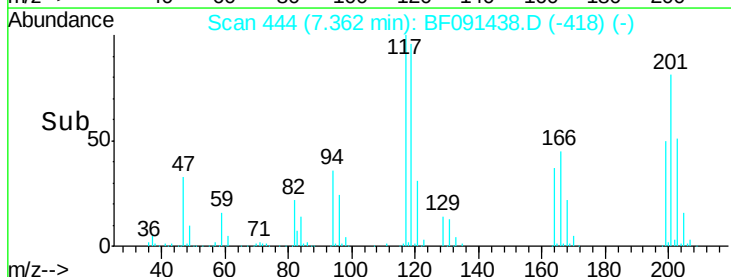
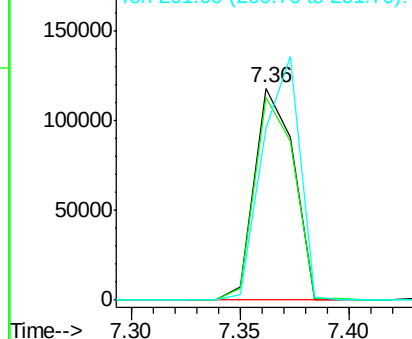


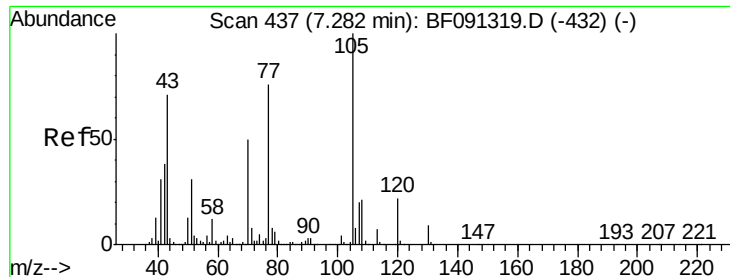
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 54.26 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

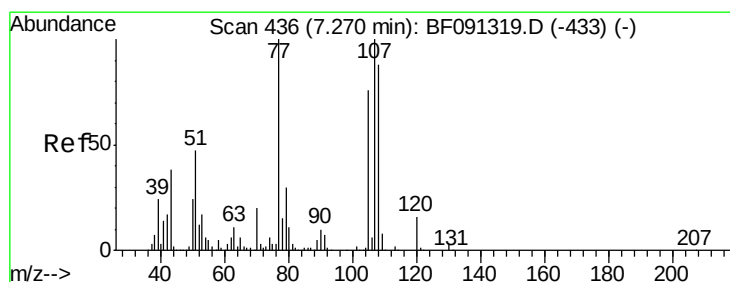
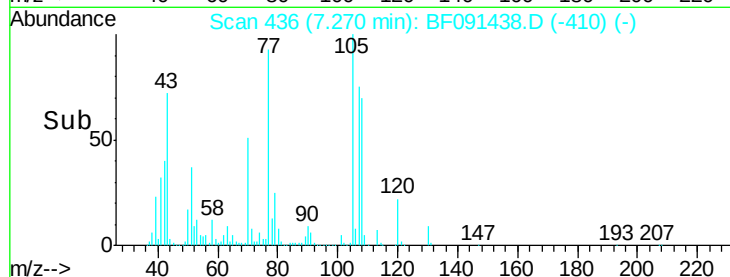
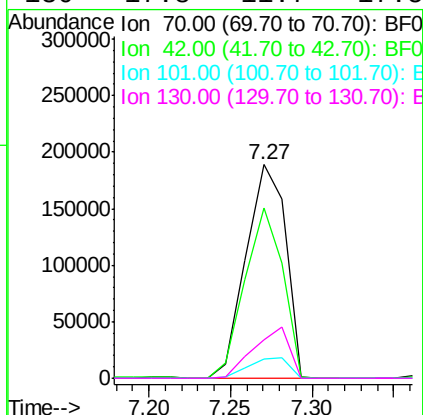
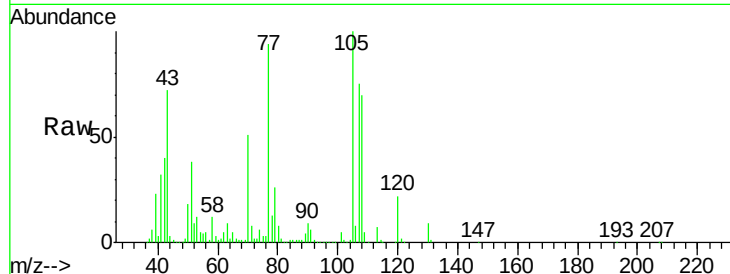
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.6	64.8	97.2
101	9.0	6.2	9.4
130	17.8	11.7	17.5#

Manual Integrations
APPROVED

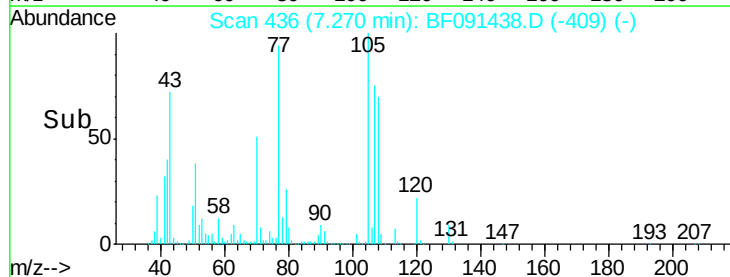
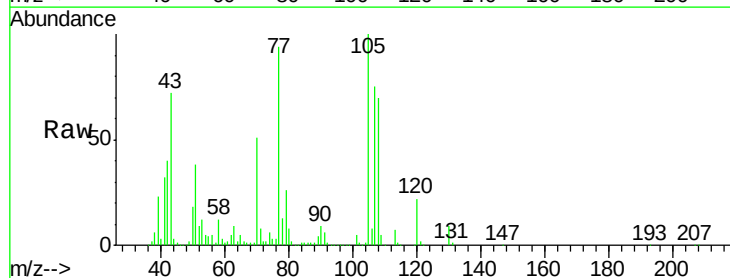
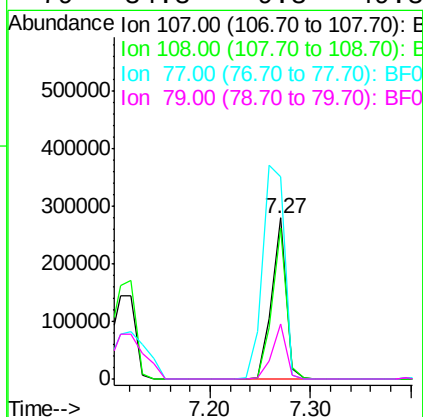
sohil

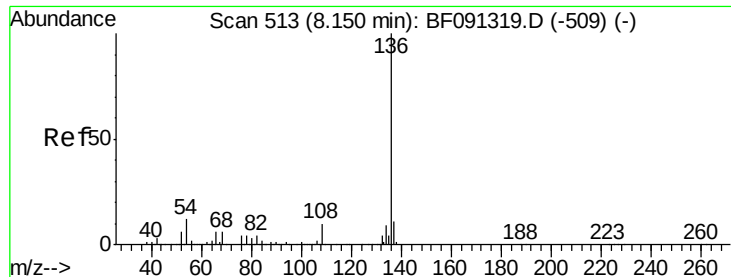
12/6/2016 3:01:53 PM



#20
3+4-Methylphenols
Concen: 35.00 ng
RT: 7.27 min Scan# 436
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	64.6	104.6
77	125.5	30.9	70.9#
79	34.3	9.3	49.3





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

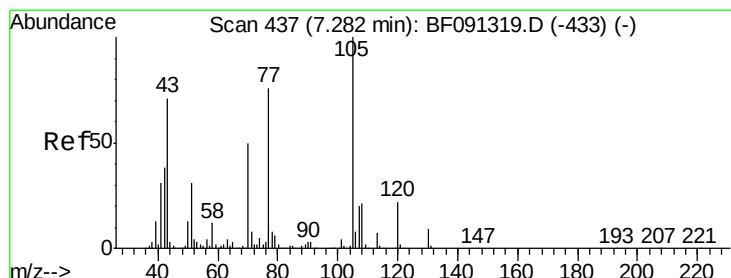
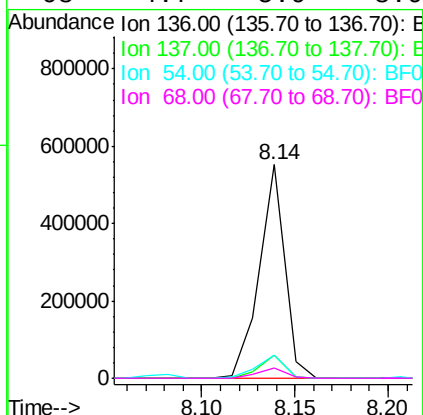
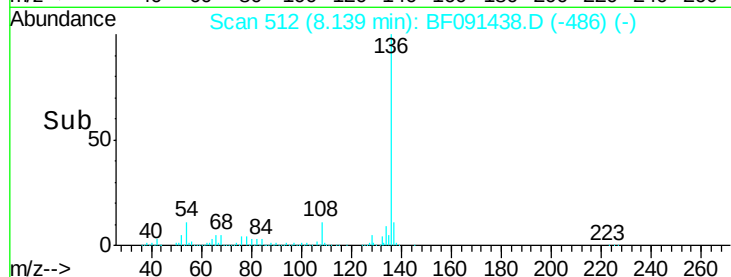
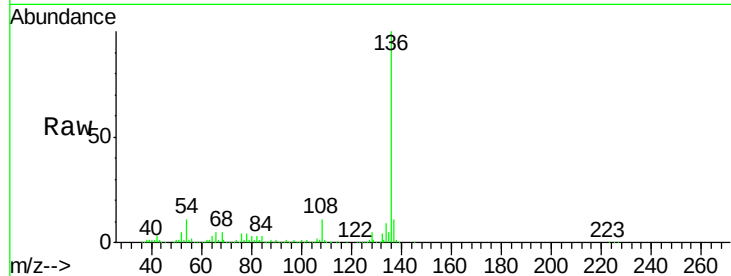
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	10.6	9.1	13.7	
68	4.7	5.9	8.9#	

Manual Integrations
APPROVED

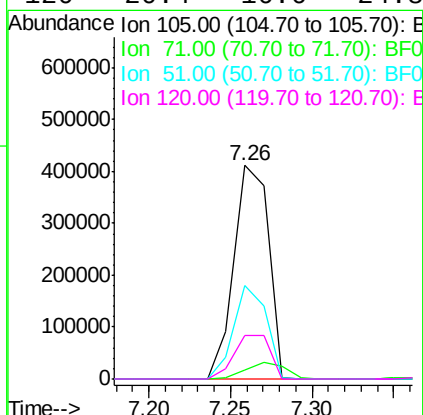
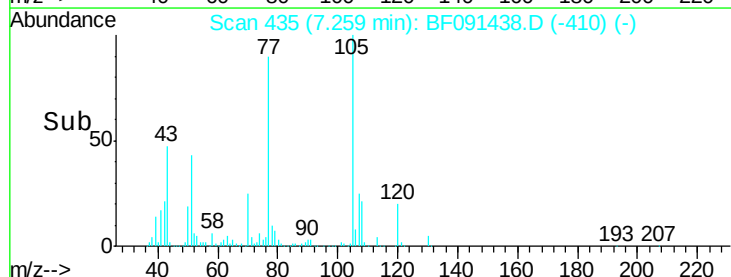
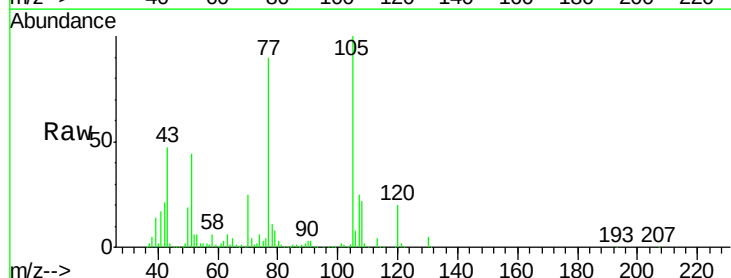
sohil

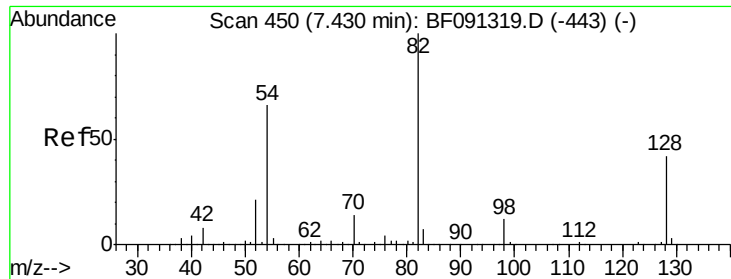
12/6/2016 3:01:53 PM



#22
Acetophenone
Concen: 48.88 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	7.9	11.9#	
51	43.8	24.5	36.7#	
120	20.4	16.6	24.8	



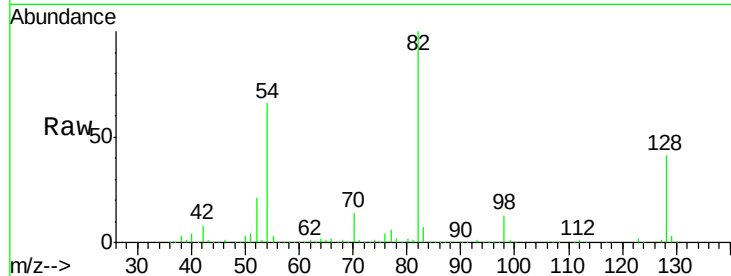


#23
 Nitrobenzene-d5
 Concen: 94.53 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

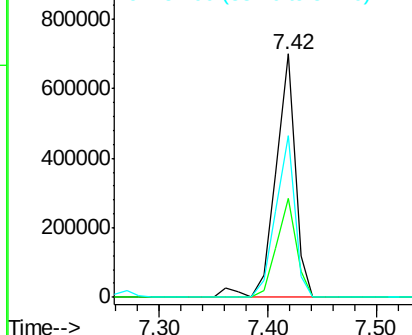
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	66.4	49.1	73.7

Manual Integrations
 APPROVED

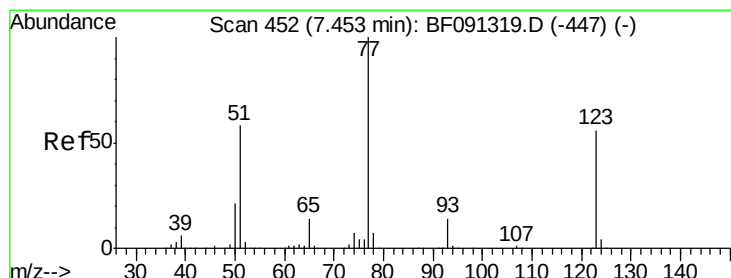
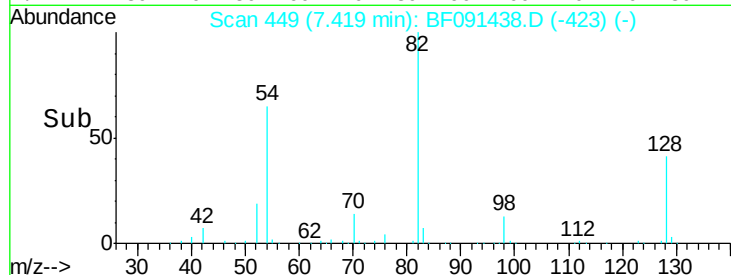


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



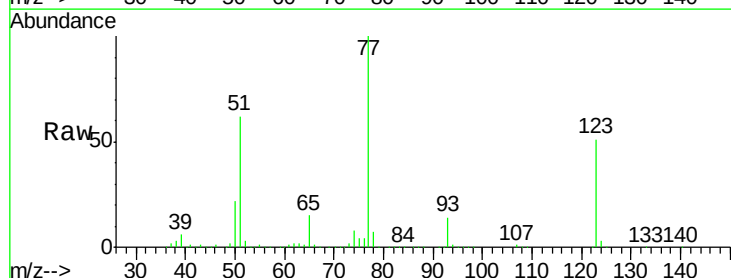
sohil

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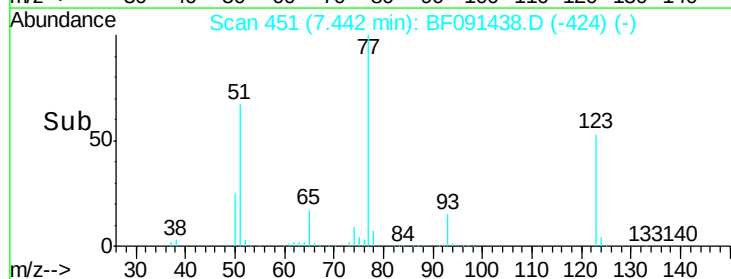
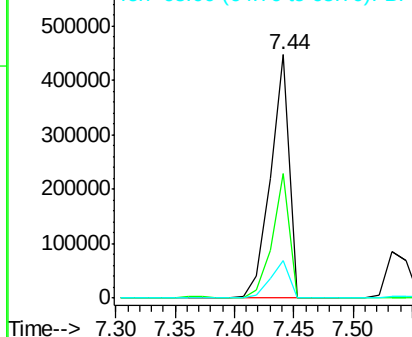


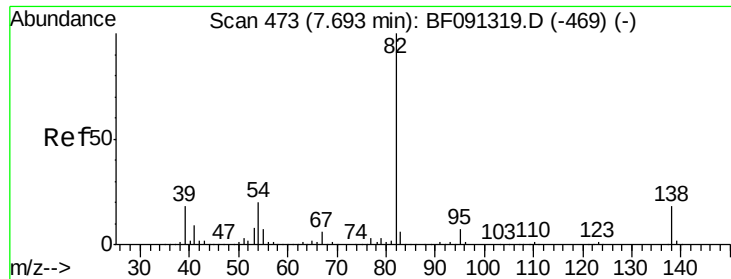
#24
 Nitrobenzene
 Concen: 51.23 ng
 RT: 7.44 min Scan# 451
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	28.5	42.7#
65	15.3	12.5	18.7



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





#25

Isophorone

Concen: 52.15 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.00 min

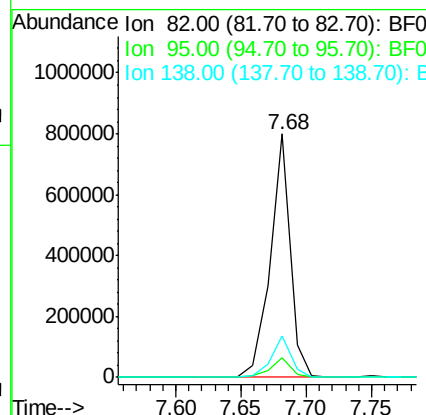
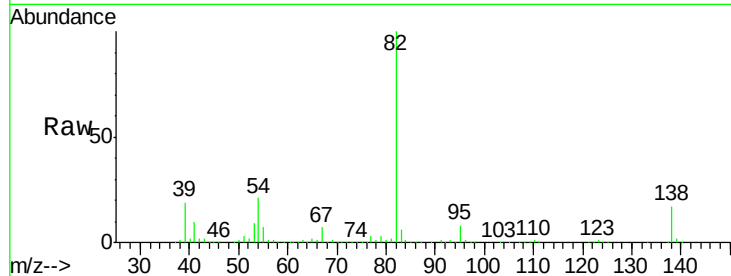
Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tot Ion:	82	Resp:	860739
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.7	8.5
138	17.0	13.4	20.0

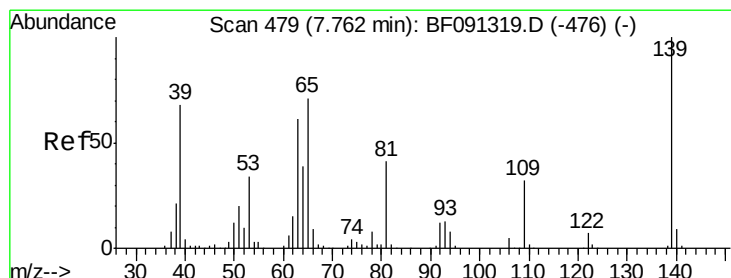
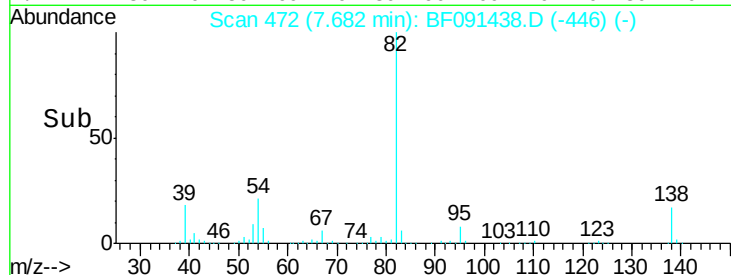
Instrument :
BNA_F
ClientSampled :
MW-04MSD

Manual Integrations
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12/6/2016 3:01:53 PM



#26

2-Nitrophenol

Concen: 46.46 ng

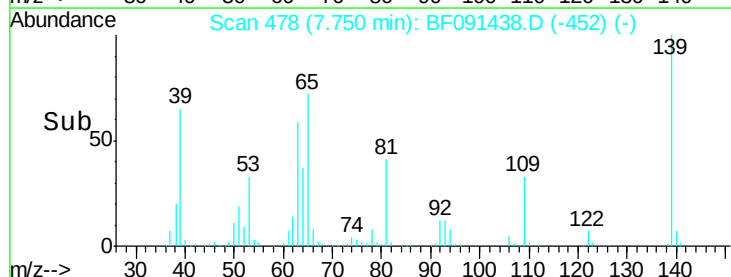
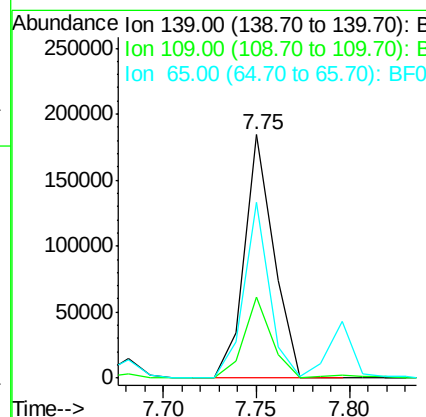
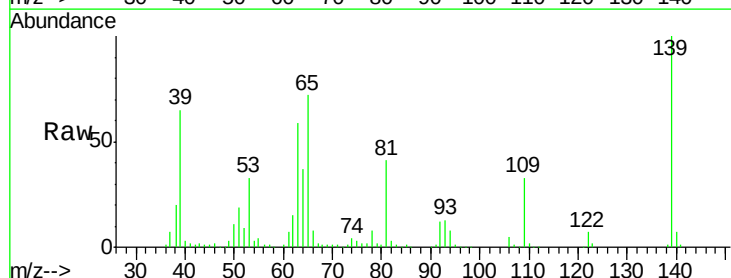
RT: 7.75 min Scan# 478

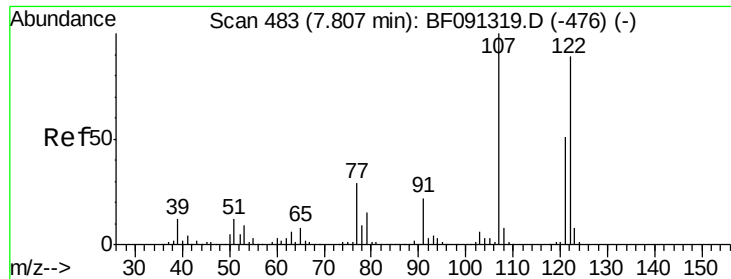
Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion:	139	Resp:	201974
Ion Ratio	Lower	Upper	
139	100		
109	33.5	25.3	37.9
65	72.1	55.4	83.2





#27

2,4-Dimethylphenol

Concen: 41.18 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

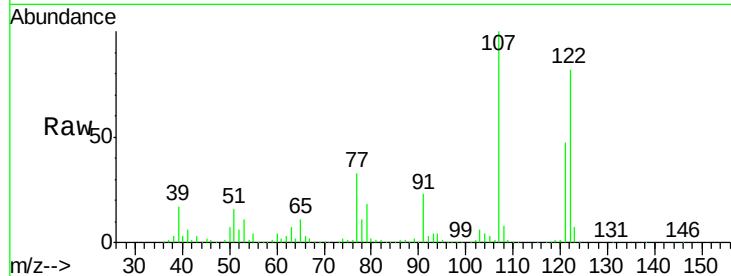
BNA_F

ClientSampled :

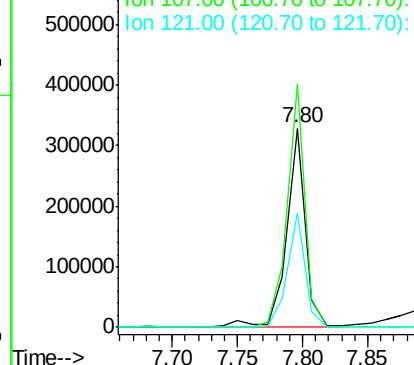
MW-04MSD

Tot Ion:	122	Resp:	334832
Ion Ratio	Lower	Upper	
122	100		
107	122.1	96.8	145.2
121	57.5	47.7	71.5

Manual Integrations
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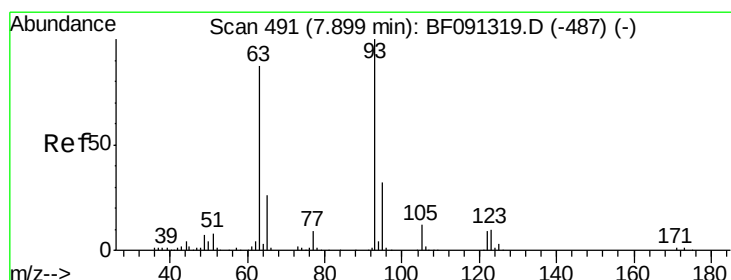
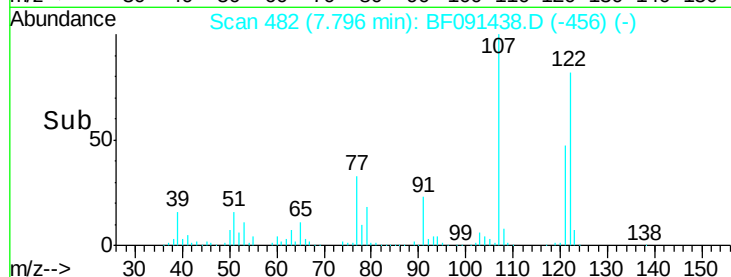


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 50.50 ng

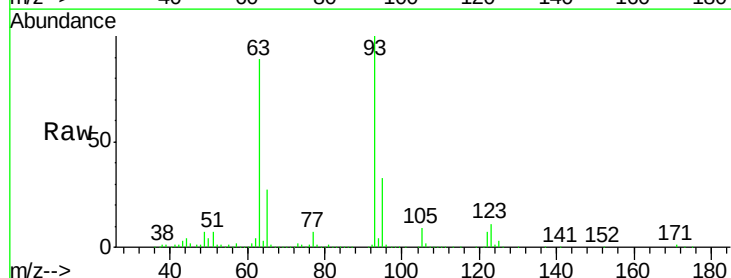
RT: 7.89 min Scan# 490

Delta R.T. -0.00 min

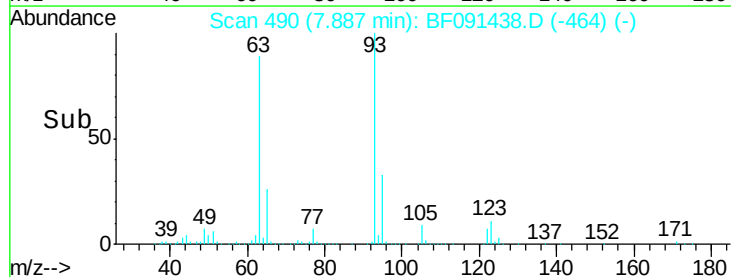
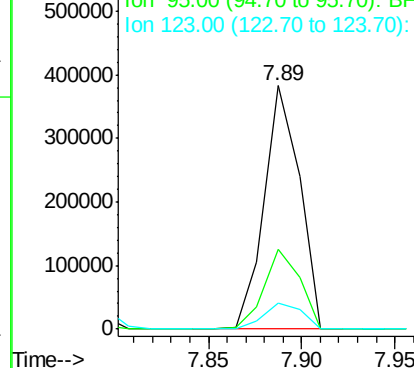
Lab File: BF091438.D

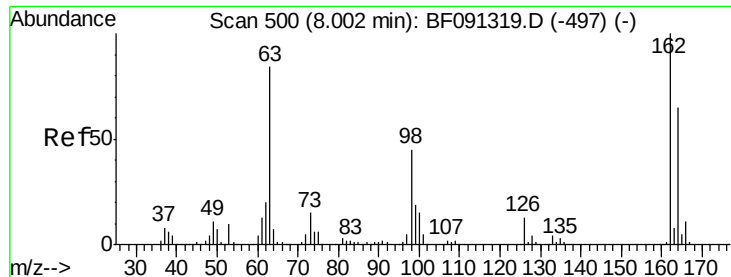
Acq: 6 Dec 2016 00:36

Tgt Ion:	93	Resp:	501718
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.0	39.0
123	10.8	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



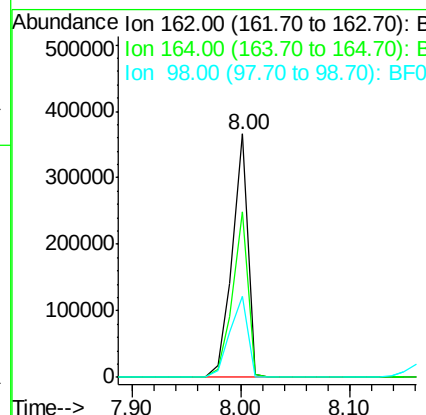
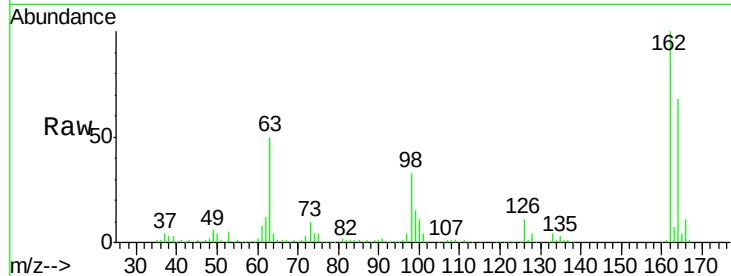


#29
2,4-Dichlorophenol
Concen: 51.25 ng
RT: 8.00 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

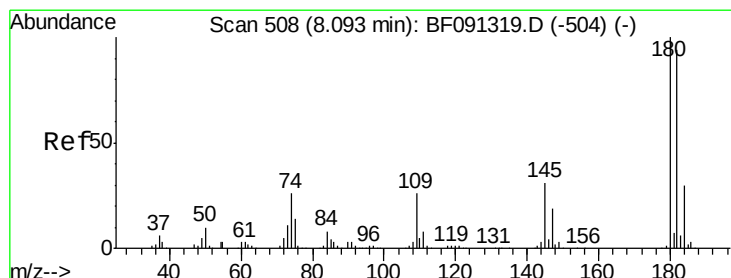
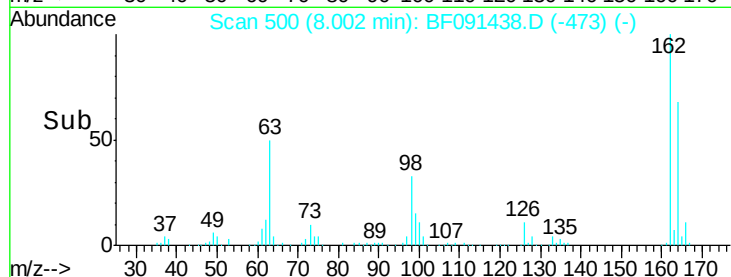
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.0	45.0	85.0
98	33.4	21.3	61.3

Manual Integrations
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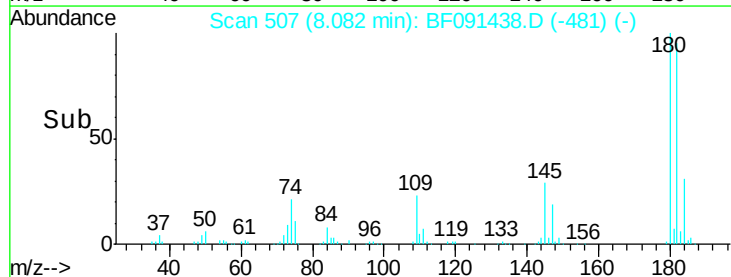
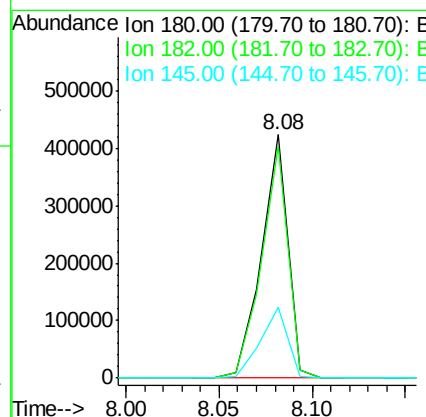
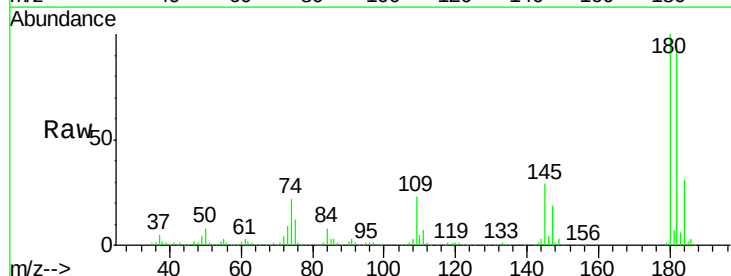
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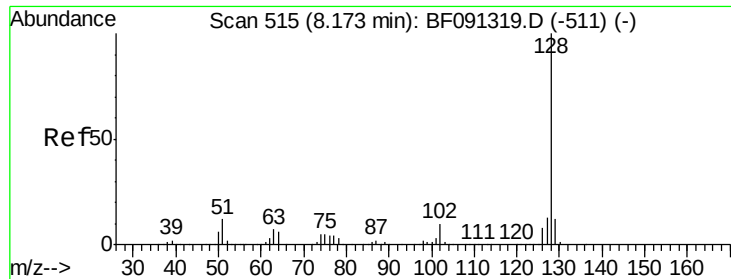
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#30
1,2,4-Trichlorobenzene
Concen: 51.59 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	75.8	113.8
145	29.3	27.0	40.4



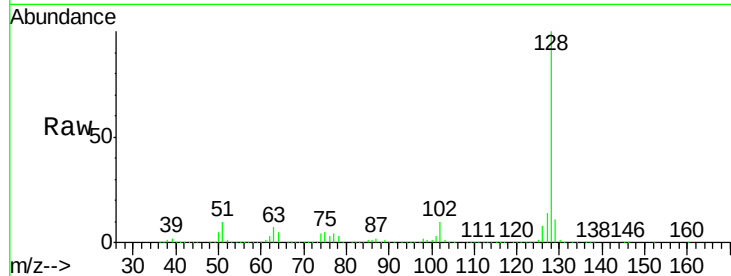


#31
Naphthalene
Concen: 49.77 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

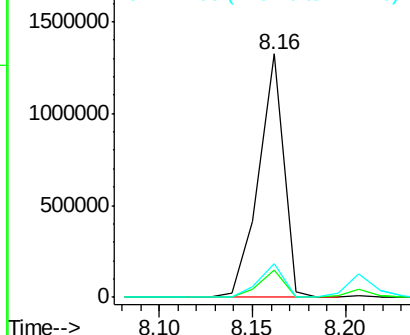
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.6	11.0	16.4

Manual Integrations
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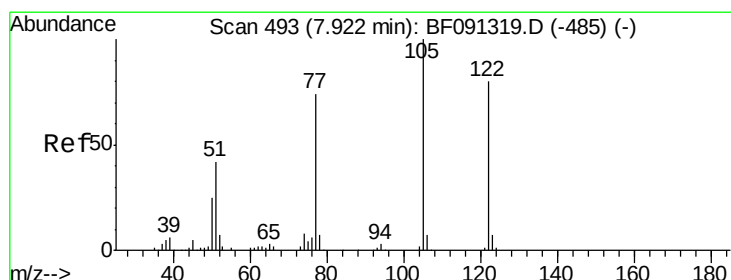
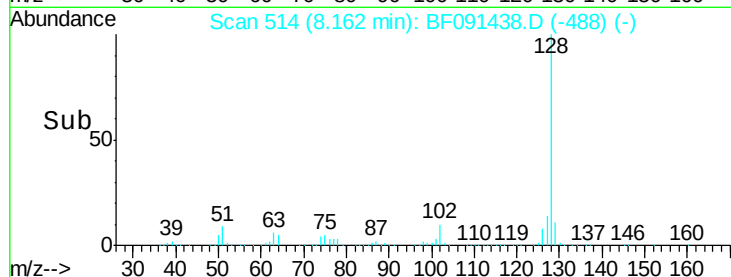


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



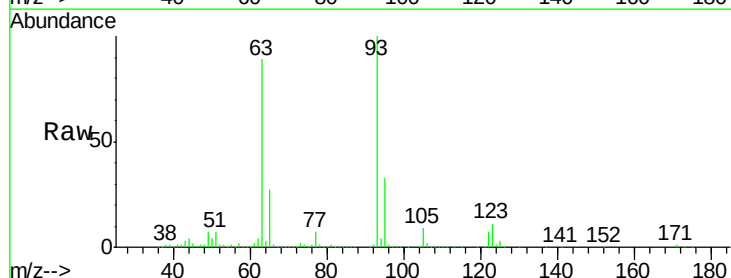
sohil

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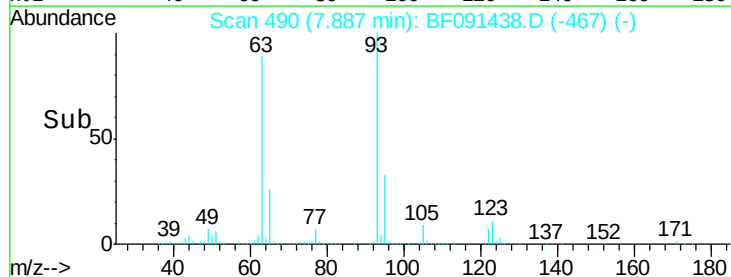
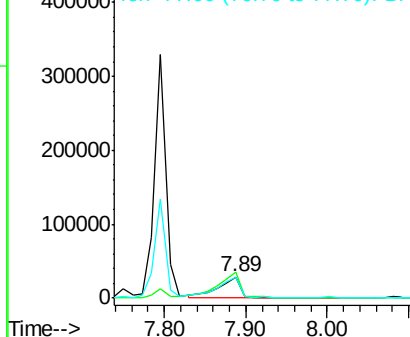


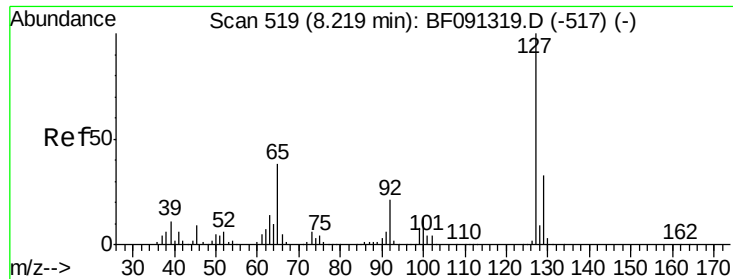
#32
Benzoic acid
Concen: 9.70 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	113.0	153.0
77	98.0	82.0	122.0



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





#33
4-Chloroaniline
Concen: 13.02 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

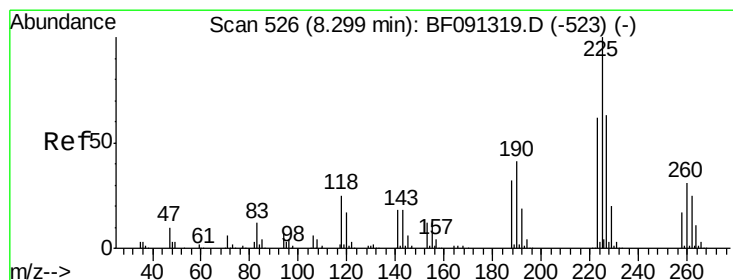
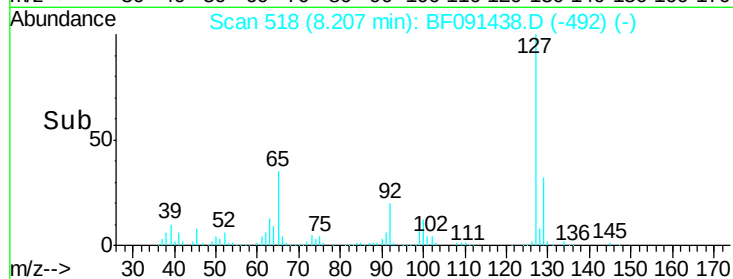
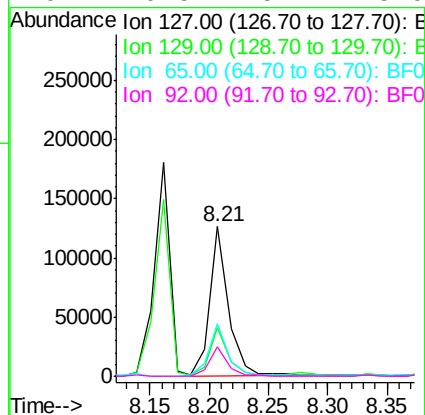
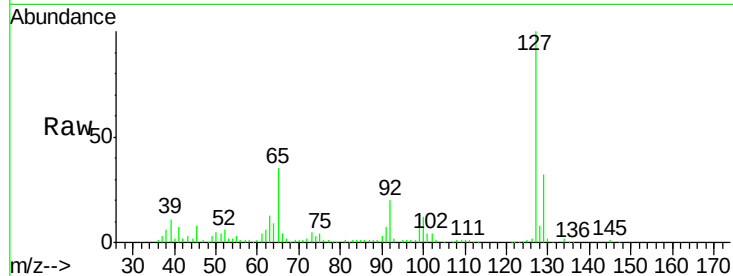
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.4		
65	34.9	26.6	39.8		
92	19.5	15.4	23.0		

Manual Integrations
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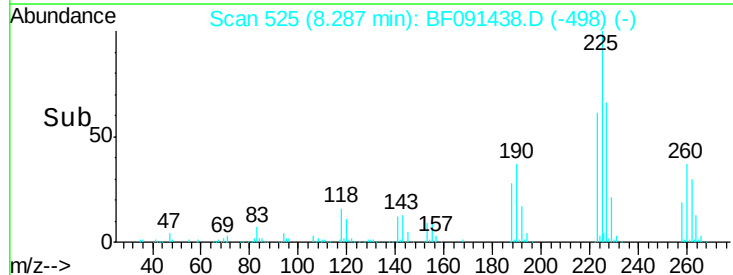
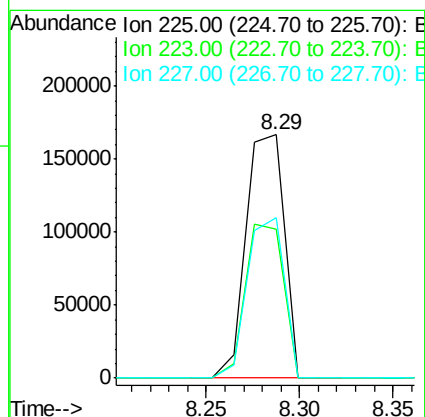
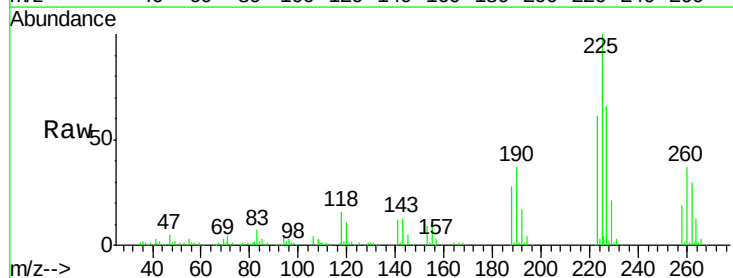
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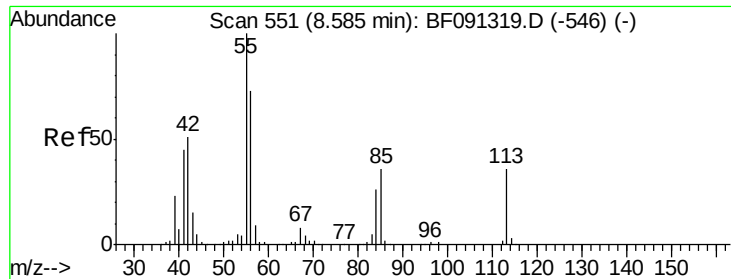
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#34
Hexachlorobutadiene
Concen: 48.01 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	49.8	74.6		
227	66.0	52.6	79.0		





#35

Caprolactam

Concen: 10.24 ng

RT: 8.62 min Scan# 554

Delta R.T. 0.03 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

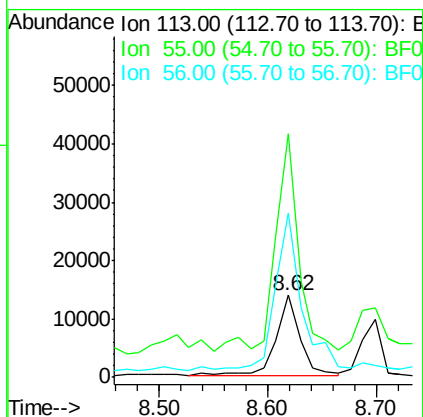
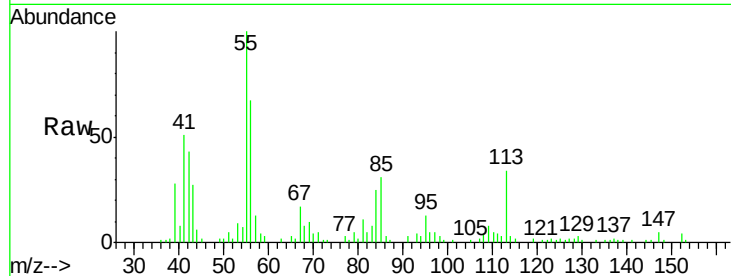
BNA_F

ClientSampled :

MW-04MSD

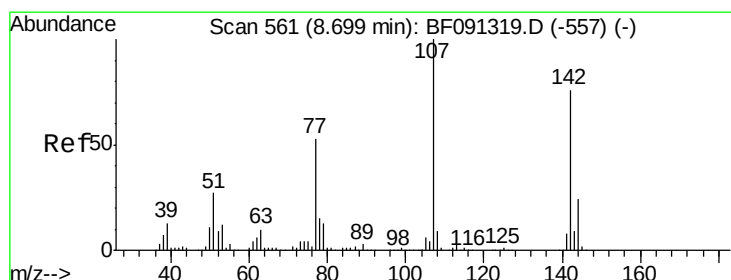
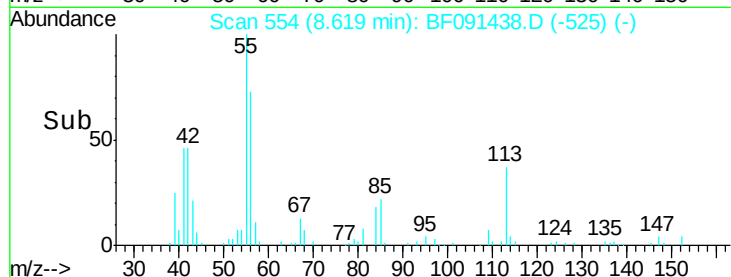
Tot Ion	Ratio	Lower	Upper
113	100		
55	296.1	239.8	279.8#
56	199.0	165.6	205.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 47.54 ng

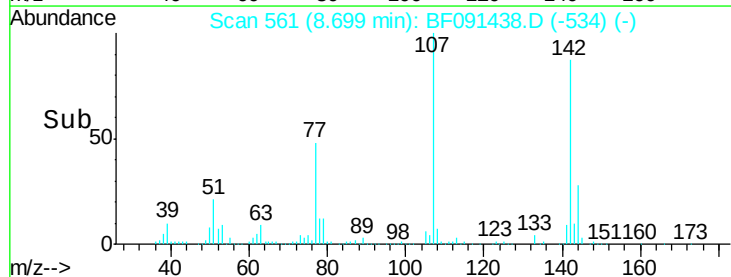
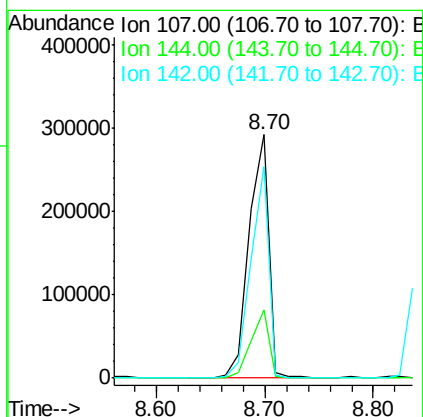
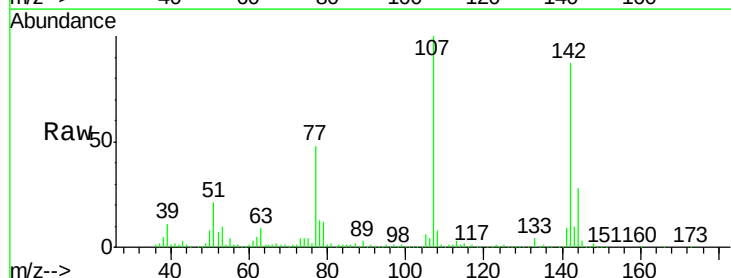
RT: 8.70 min Scan# 561

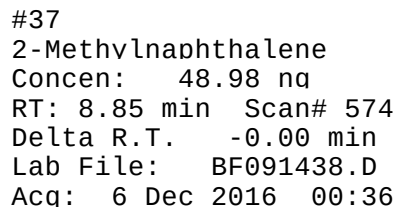
Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	18.9	28.3
142	86.8	58.5	87.7





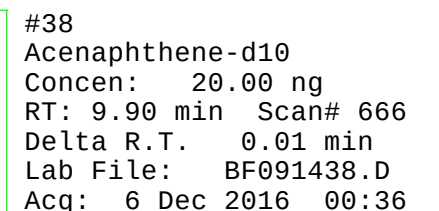
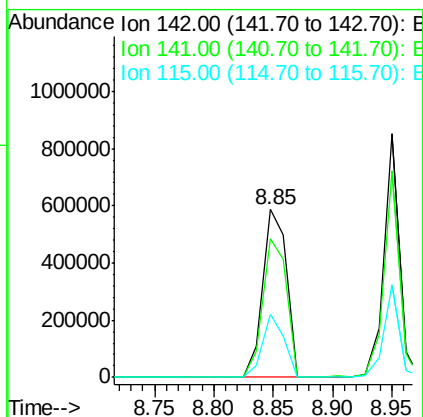
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

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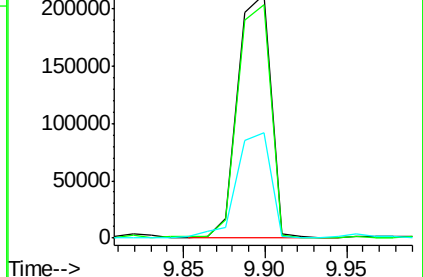
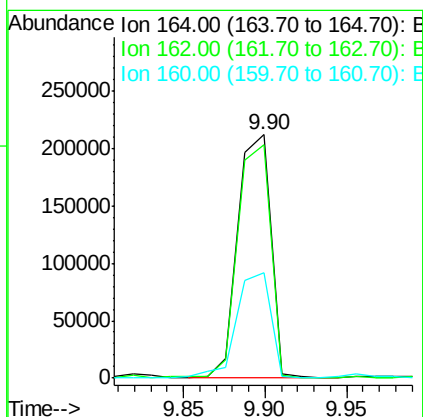
Tot	Ion:142	Resp:	825633
Ion	Ratio	Lower	Upper
142	100		
141	82.3	71.7	107.5
115	37.3	25.0	37.6

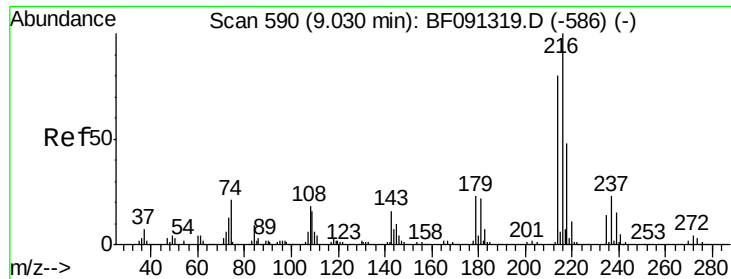
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Tgt	Ion:164	Resp:	294132
Ion	Ratio	Lower	Upper
164	100		
162	95.7	82.6	124.0
160	43.0	36.7	55.1





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.96 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

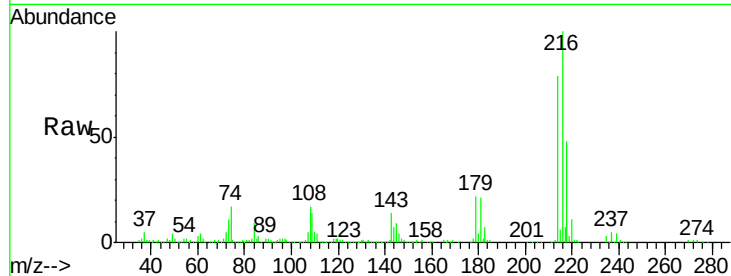
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion:	216	Resp:	422568
Ion Ratio		Lower	Upper
216	100		
214	79.4	63.8	95.8
179	22.0	18.2	27.2
108	19.0	17.2	25.8

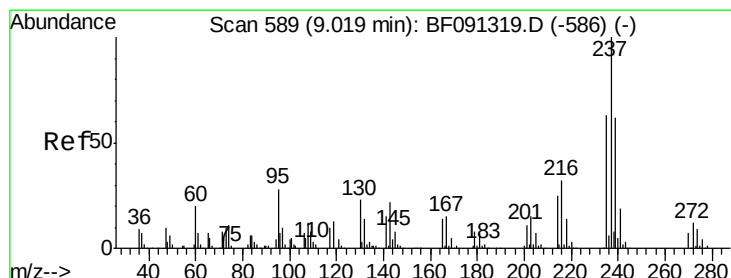
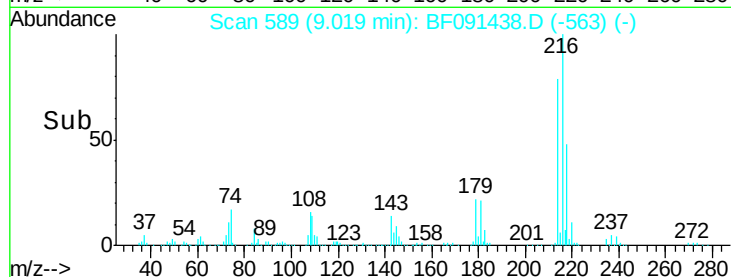
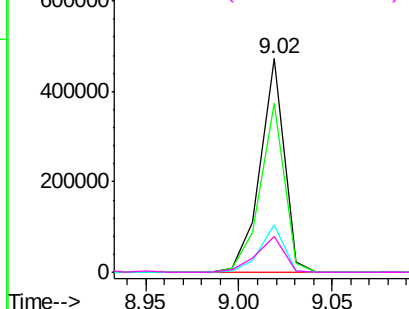
Manual Integrations
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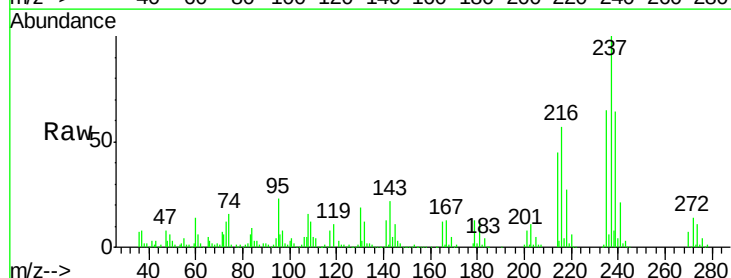


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

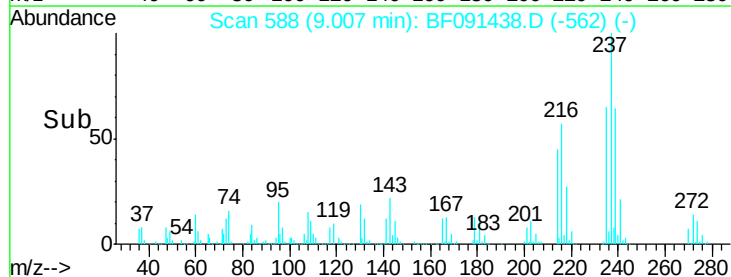
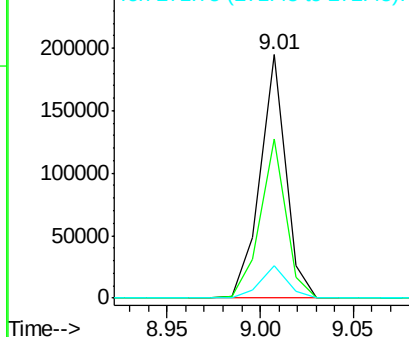


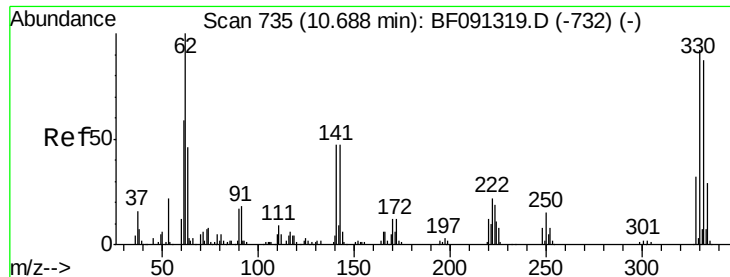
#40
 Hexachlorocyclopentadiene
 Concen: 48.35 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:	237	Resp:	185832
Ion Ratio		Lower	Upper
237	100		
235	65.5	43.9	83.9
272	13.5	0.0	33.1



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



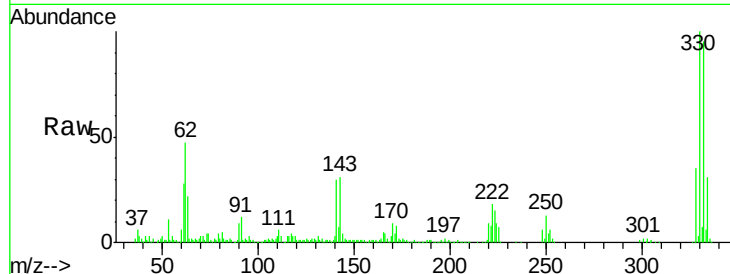


#41
 2,4,6-Tribromophenol
 Concen: 146.99 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

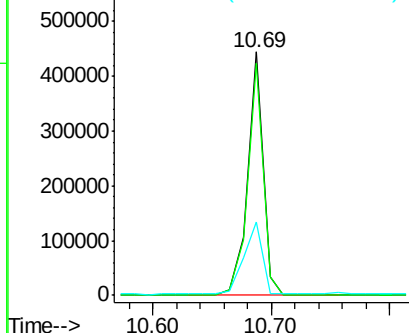
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	76.2	114.4	
141	35.3	33.6	50.4	

Manual Integrations
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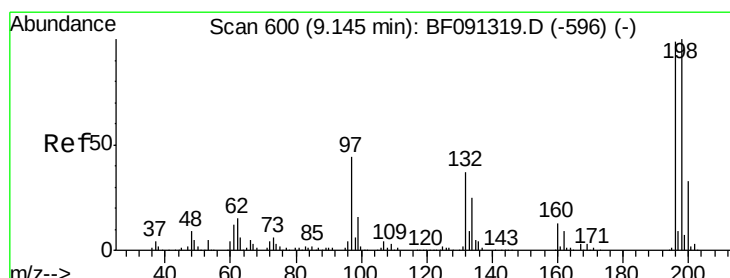
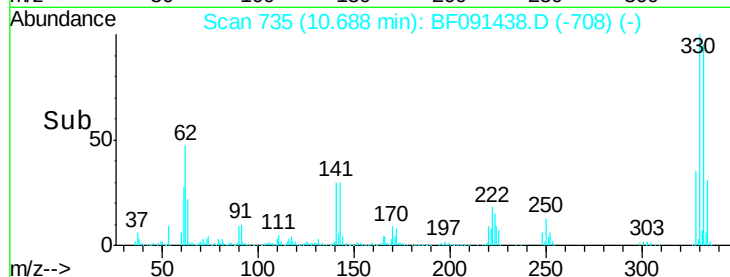


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



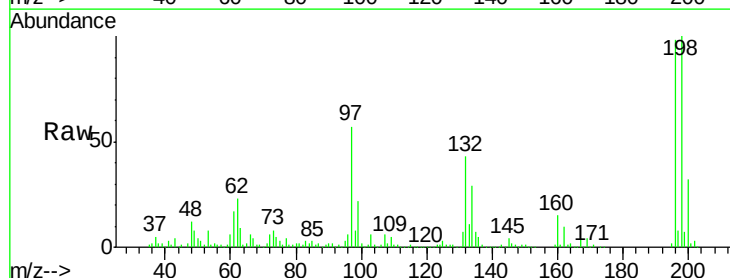
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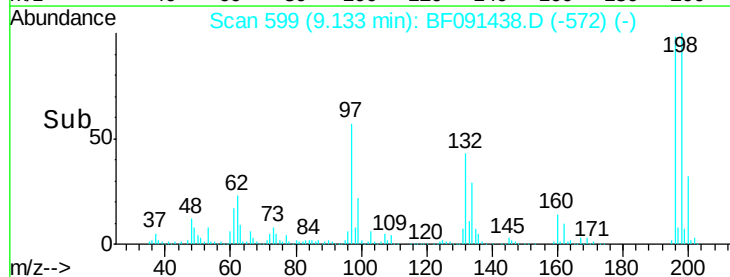
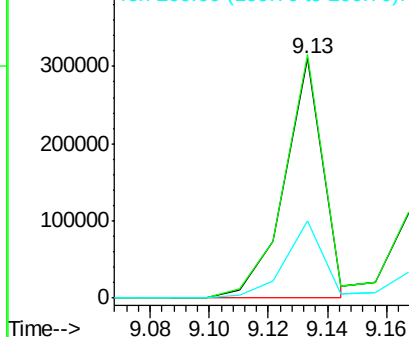


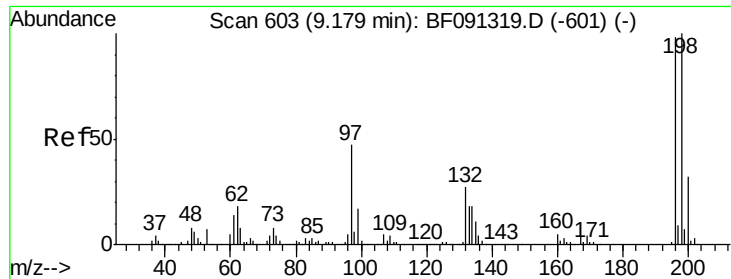
#42
 2,4,6-Trichlorophenol
 Concen: 52.30 ng m
 RT: 9.13 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.6	77.4	116.0	
200	32.3	25.2	37.8	



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



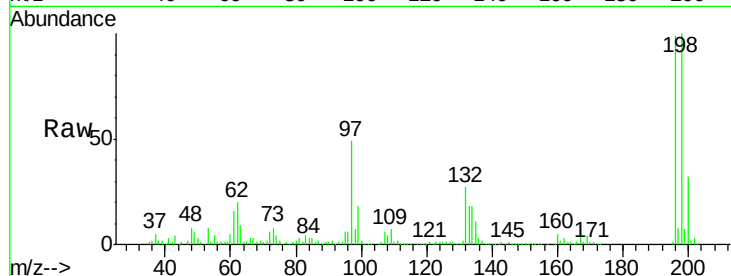


#43
 2,4,5-Trichlorophenol
 Concen: 50.41 ng/mL
 RT: 9.18 min Scan# 603
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion	196	Resp	272233
Ion Ratio	Lower	Upper	
196	100		
198	100.6	77.0	115.6
97	49.6	33.5	50.3
132	27.2	20.5	30.7

Manual Integrations
 APPROVED



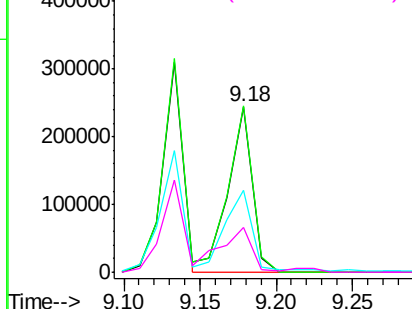
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

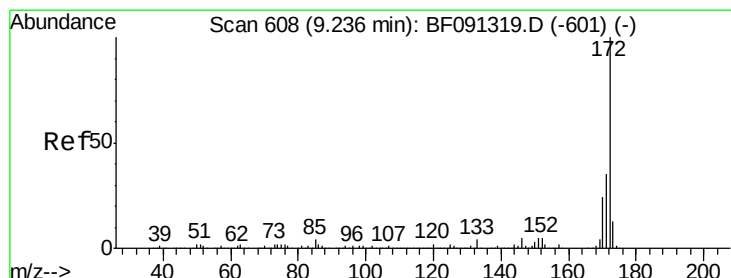
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



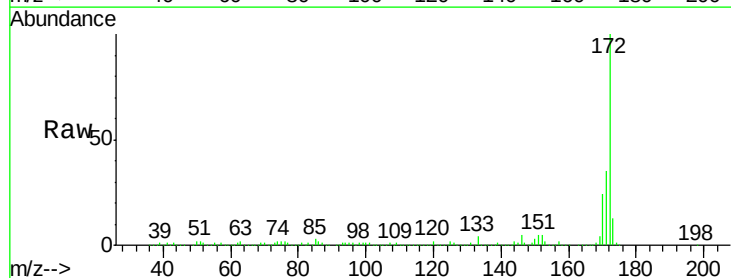
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#44
 2-Fluorobiphenyl
 Concen: 110.90 ng/mL
 RT: 9.22 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion	172	Resp	1801468
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.4	44.0
170	23.7	19.7	29.5

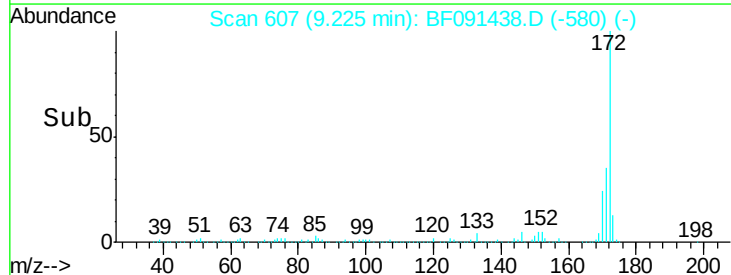
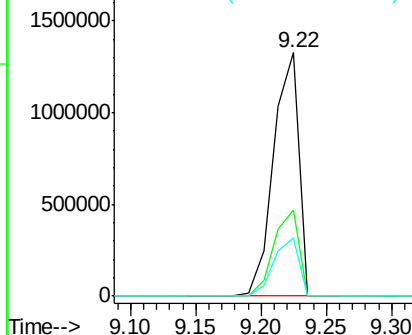


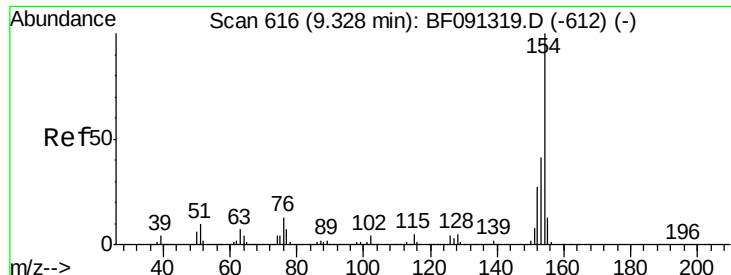
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.45 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

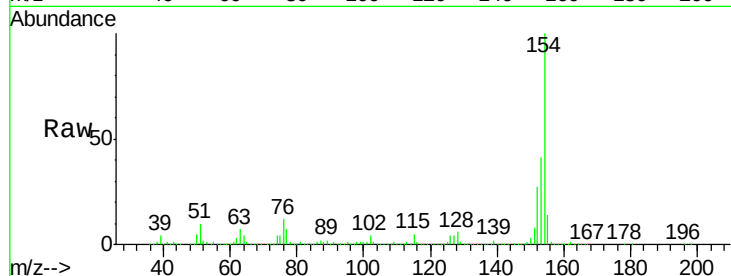
BNA_F

ClientSampled :

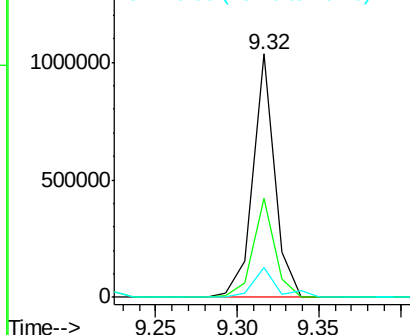
MW-04MSD

Tot Ion:	154	Resp:	961206
Ion Ratio		Lower	Upper
154	100		
153	40.7	20.6	60.6
76	12.3	0.0	36.6

Manual Integrations
APPROVED

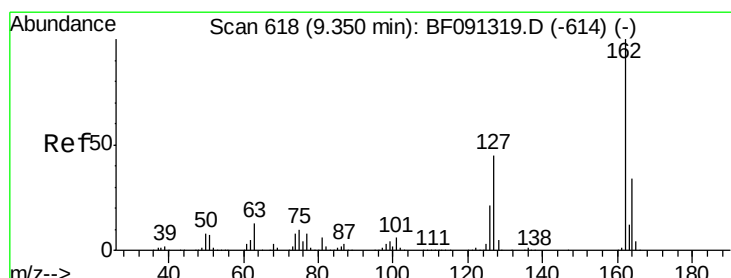
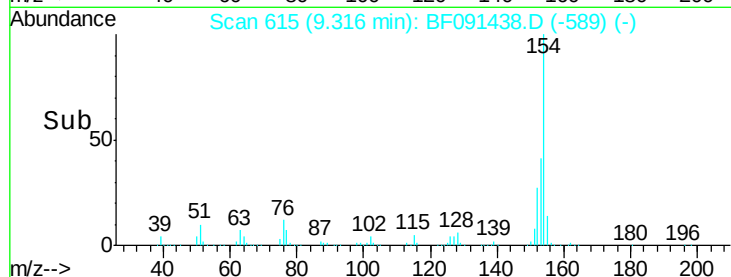


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



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#46

2-Chloronaphthalene

Concen: 46.02 ng

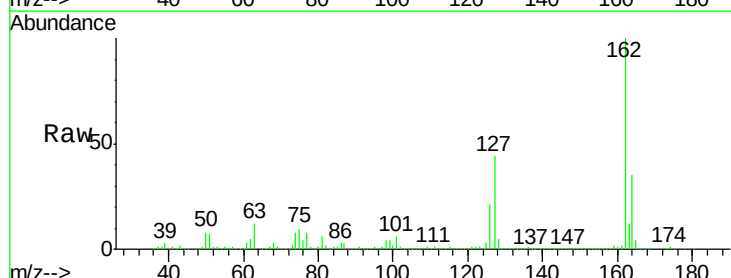
RT: 9.34 min Scan# 617

Delta R.T. -0.00 min

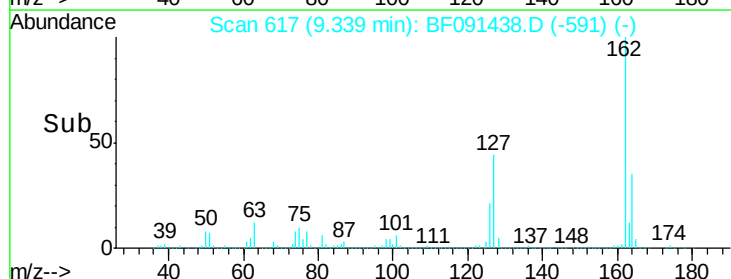
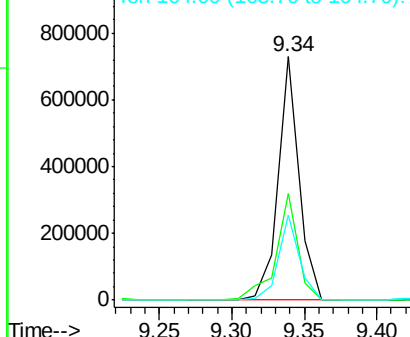
Lab File: BF091438.D

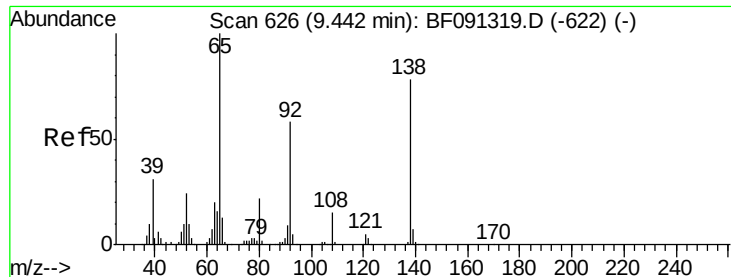
Acq: 6 Dec 2016 00:36

Tgt Ion:	162	Resp:	724931
Ion Ratio		Lower	Upper
162	100		
127	43.7	34.3	51.5
164	34.7	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



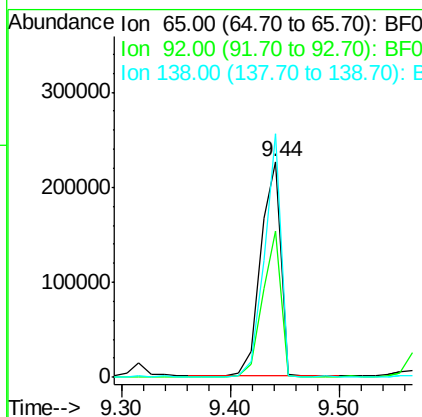
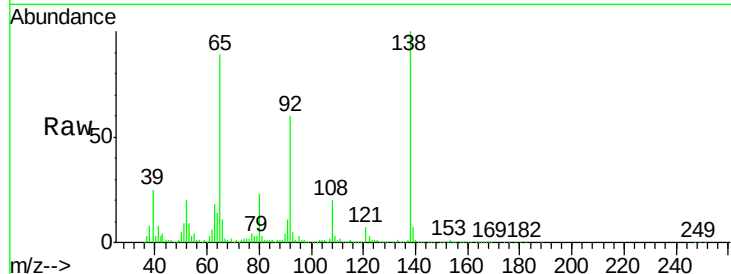


#47
2-Nitroaniline
Concen: 51.66 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

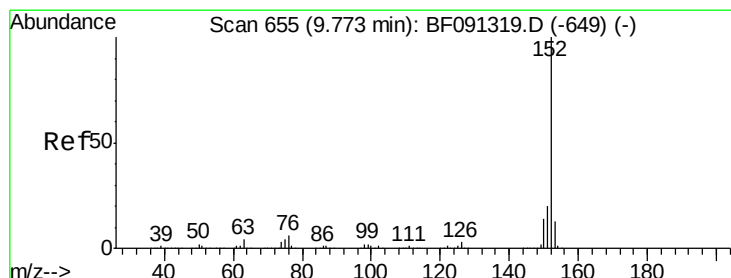
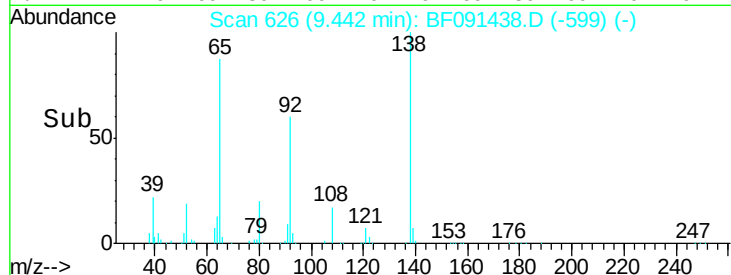
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.6	80.4
138	112.8	91.0	136.6

Manual Integrations
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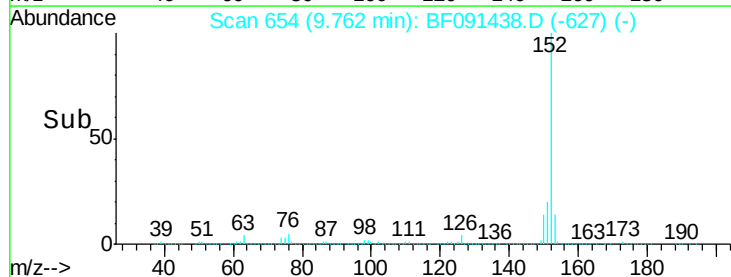
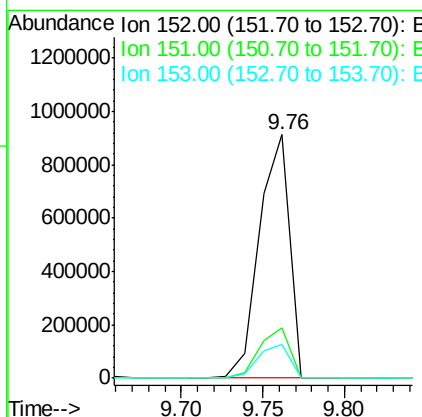
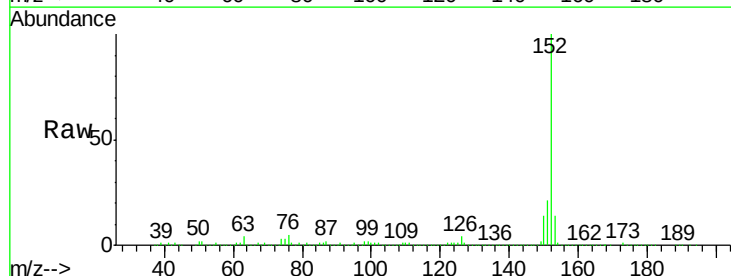
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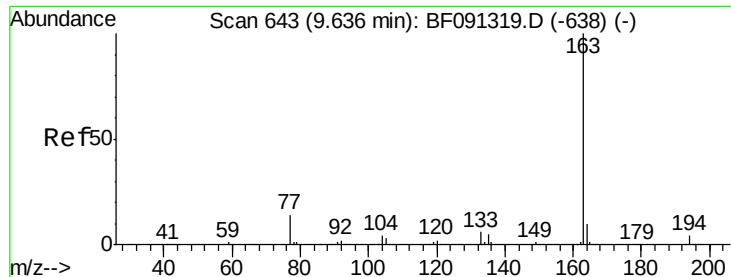
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#48
Acenaphthylene
Concen: 47.28 ng
RT: 9.76 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	13.7	10.7	16.1



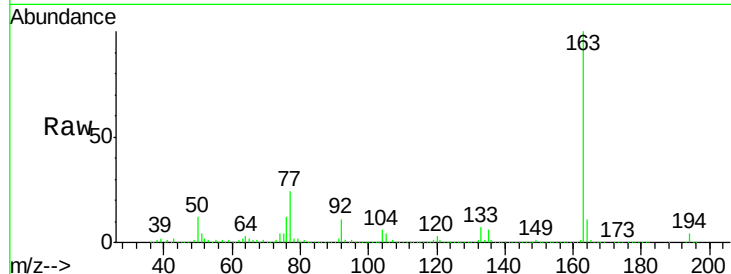


#49
Dimethylphthalate
Concen: 48.47 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	863289		
194	3.7		3.0	4.4
164	11.1		7.8	11.8

Manual Integrations
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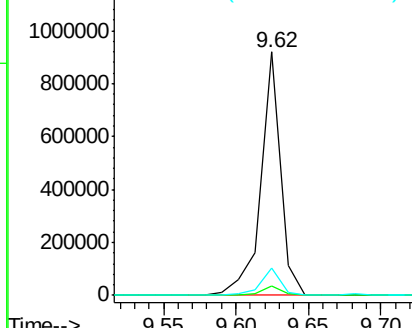


Abundance

Ion 163.00 (162.70 to 163.70): E

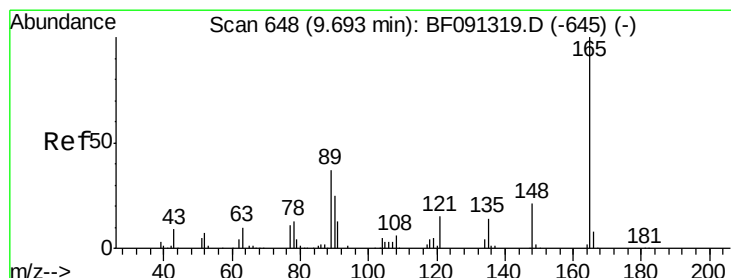
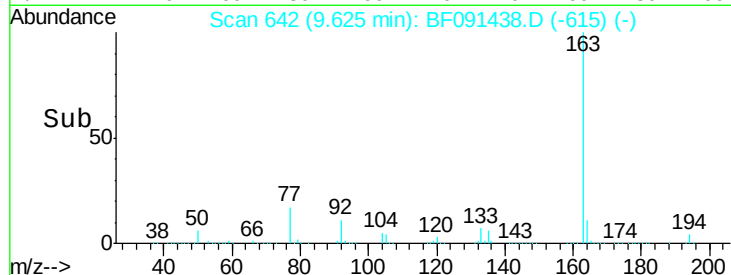
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



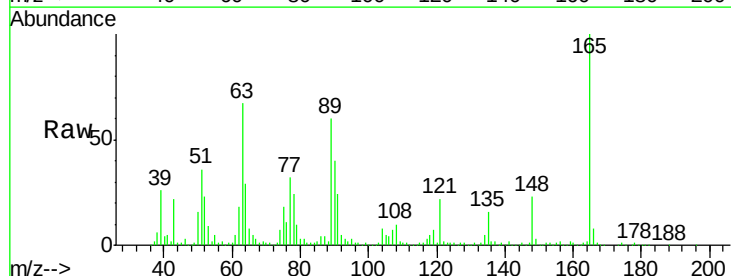
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#50
2,6-Dinitrotoluene
Concen: 52.47 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208865		
63	67.1		59.4	89.0
89	59.8		50.8	76.2

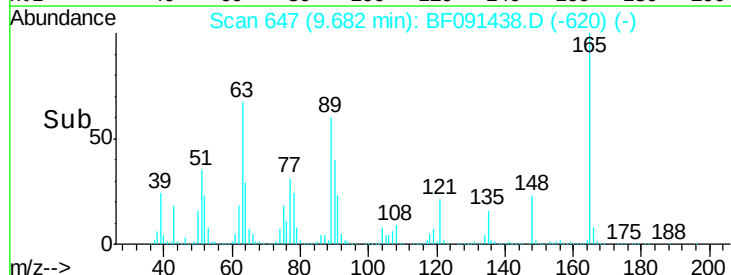
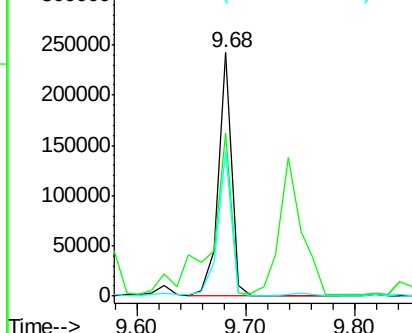


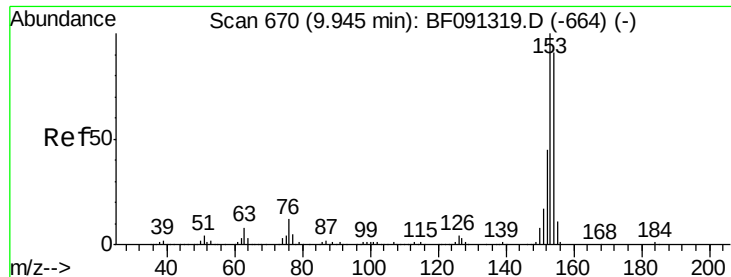
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 54.42 ng

RT: 9.93 min Scan# 669

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

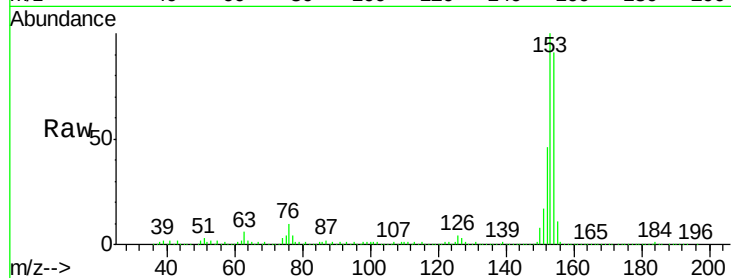
BNA_F

ClientSampleId :

MW-04MSD

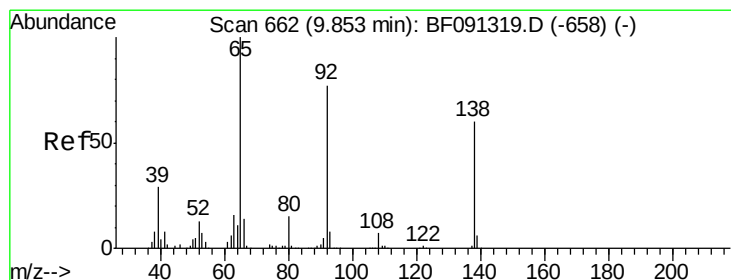
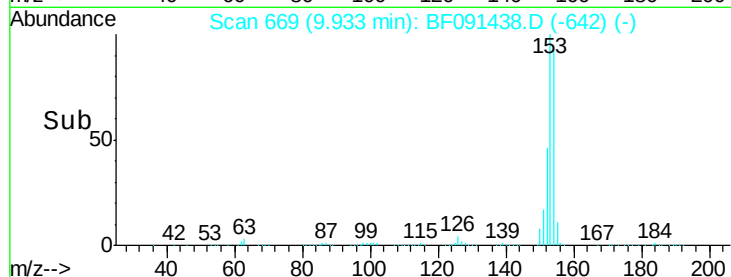
Tot Ion:	154	Resp:	910143
Ion	Ratio	Lower	Upper
154	100		
153	109.4	91.0	136.6
152	50.0	44.2	66.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 15.75 ng

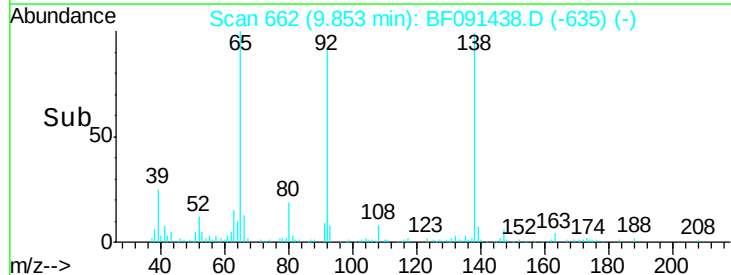
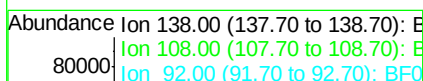
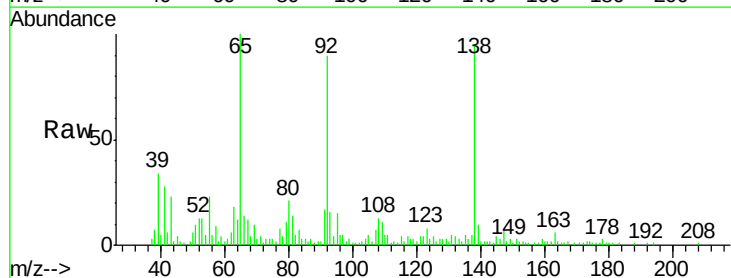
RT: 9.85 min Scan# 662

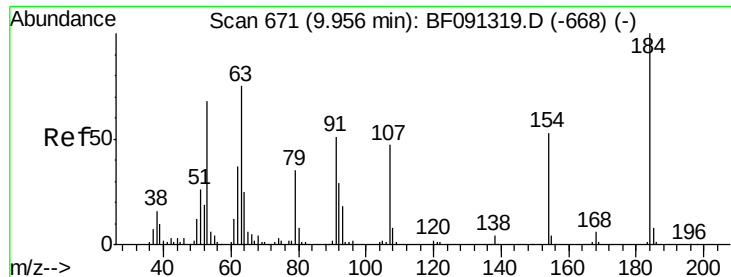
Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Tgt Ion:	138	Resp:	72579
Ion	Ratio	Lower	Upper
138	100		
108	13.6	8.1	12.1#
92	94.2	92.5	138.7



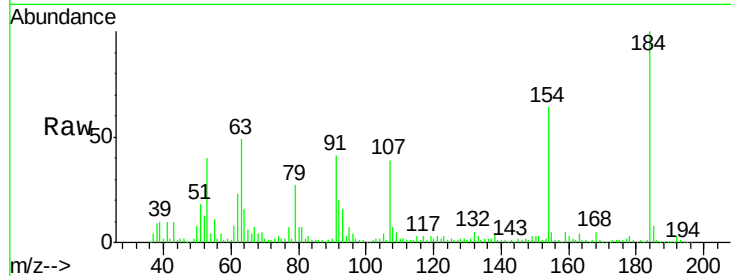


#53
2,4-Dinitrophenol
Concen: 87.48 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

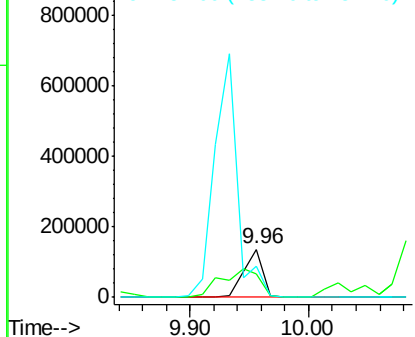
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.6	58.3	87.5#
154	64.1	48.6	73.0

Manual Integrations
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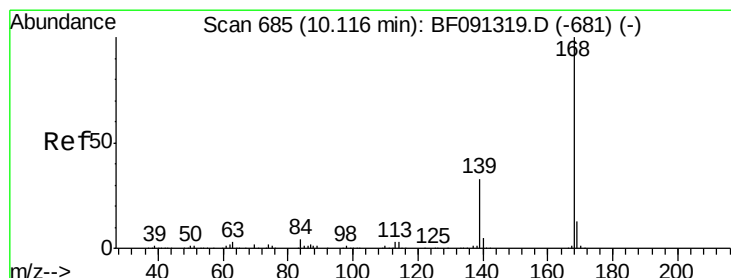
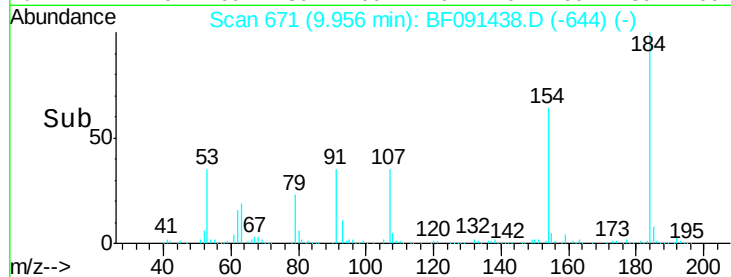


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



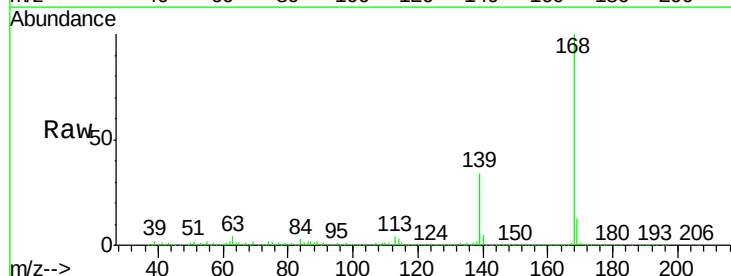
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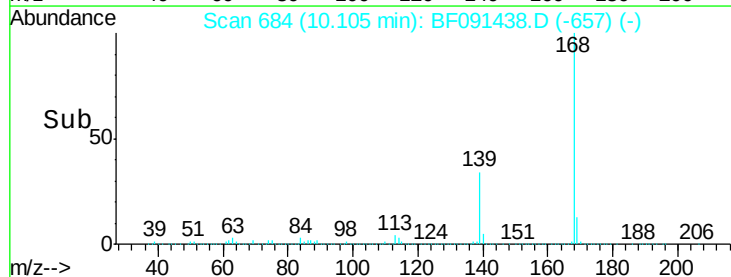
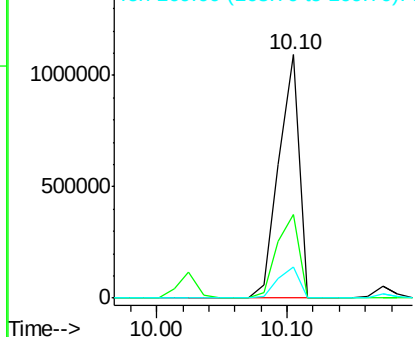


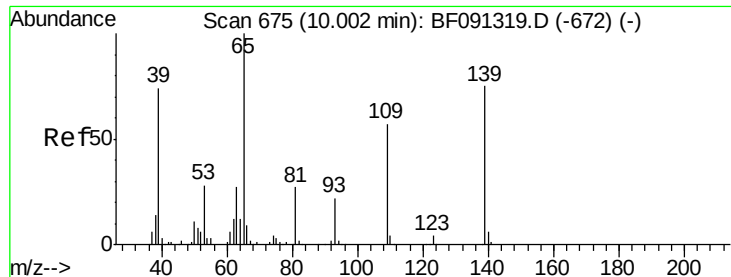
#54
Dibenzofuran
Concen: 53.84 ng
RT: 10.10 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.1	33.4	50.2
169	13.0	11.1	16.7



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



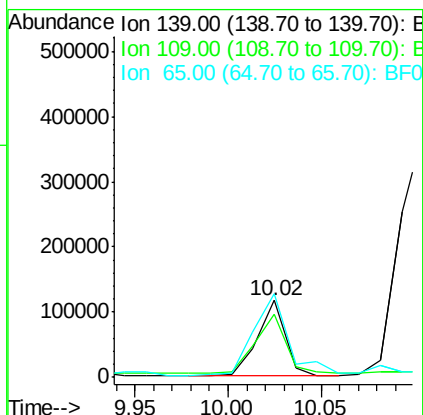
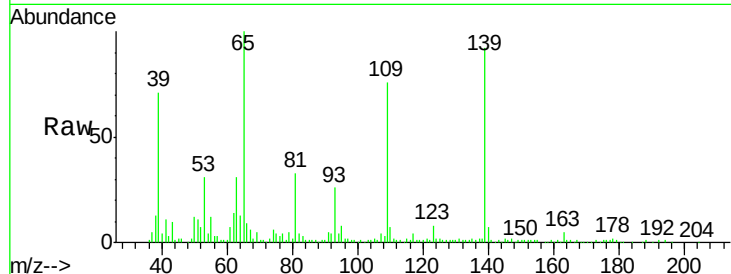


#55
4-Nitrophenol
Concen: 36.32 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.02 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

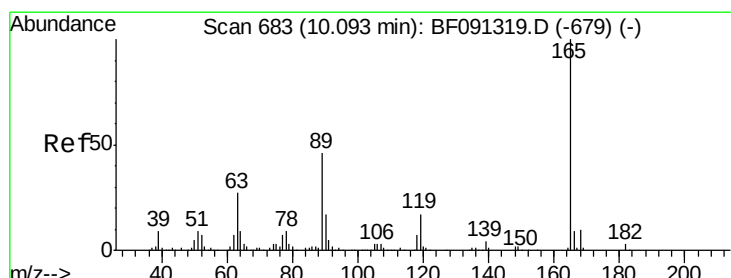
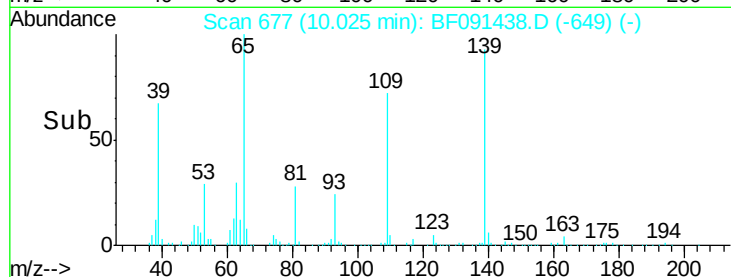
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.6	54.9	94.9	
65	108.4	102.2	142.2	

Manual Integrations
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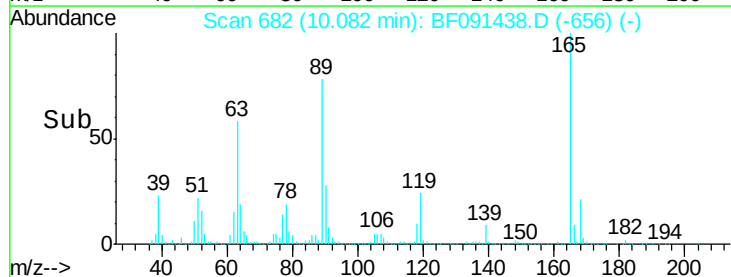
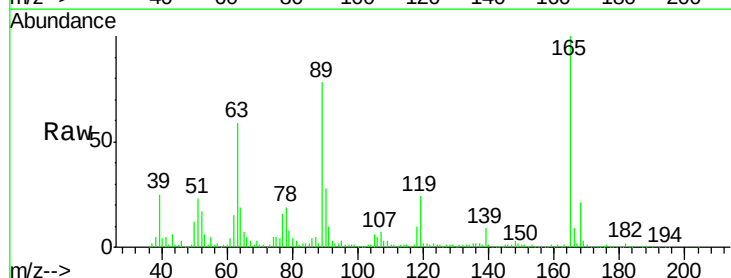
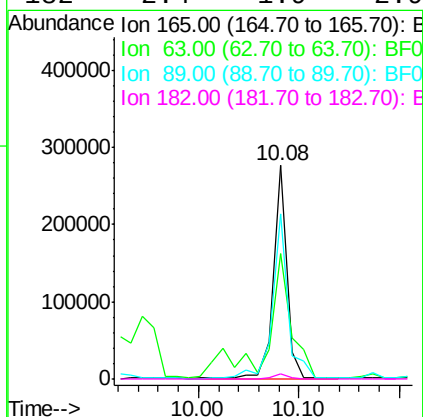
sohil

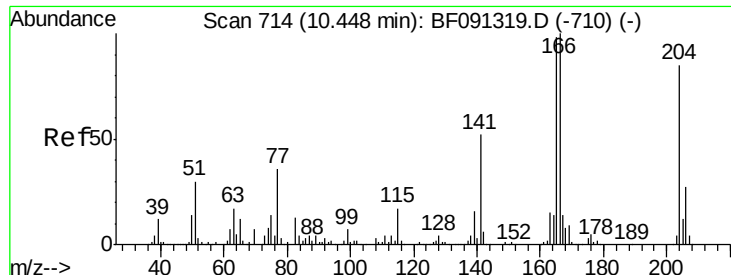
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#56
2,4-Dinitrotoluene
Concen: 49.26 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.8	29.0	43.4#	
89	77.6	43.1	64.7#	
182	2.4	1.9	2.9	



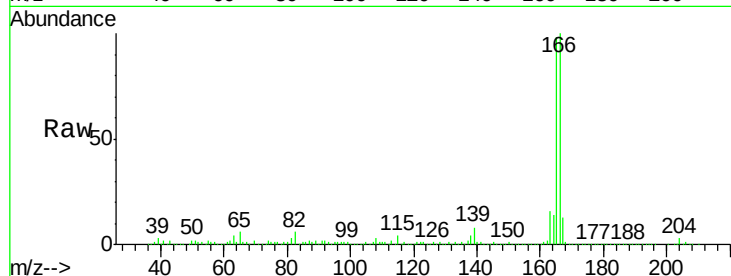


#57
Fluorene
 Concen: 53.73 ng
 RT: 10.45 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

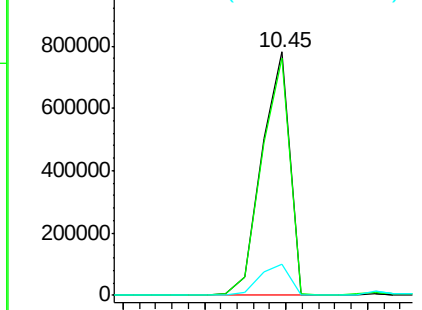
Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion:	166	Resp:	923761
Ion Ratio	Lower	Upper	
166	100		
165	97.6	80.0	120.0
167	13.0	10.8	16.2

Manual Integrations
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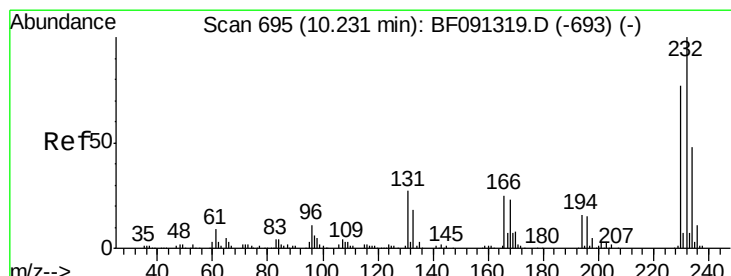
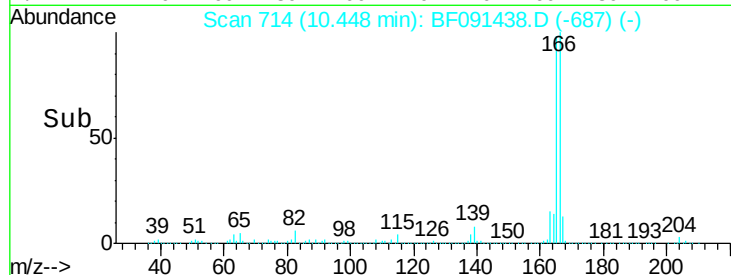


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



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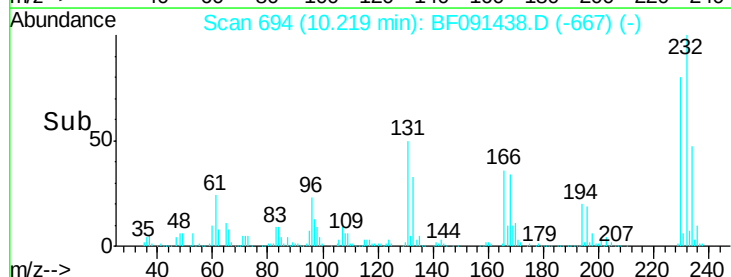
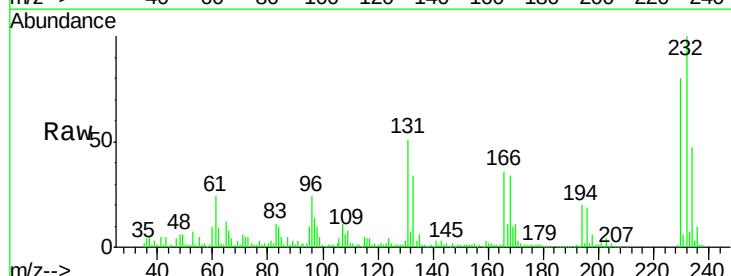
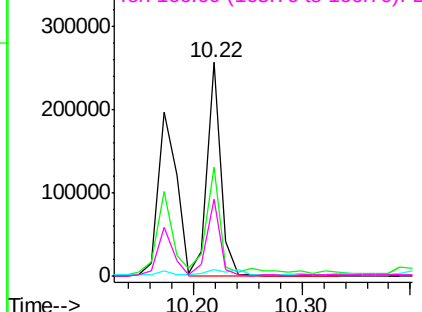
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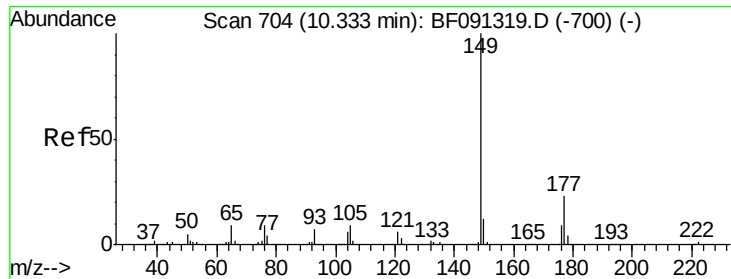


#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.47 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:	232	Resp:	228153
Ion Ratio	Lower	Upper	
232	100		
131	46.2	38.4	57.6
130	6.0	1.8	2.8#
166	33.2	23.9	35.9

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



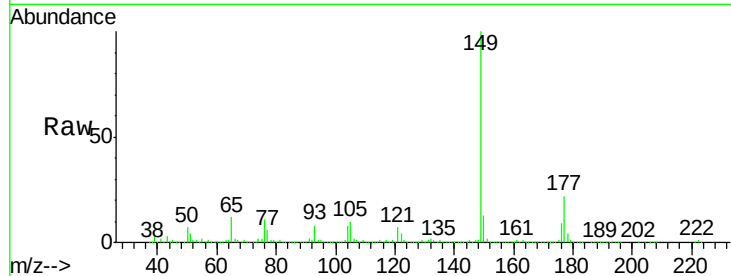


#59
Diethylphthalate
Concen: 50.02 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

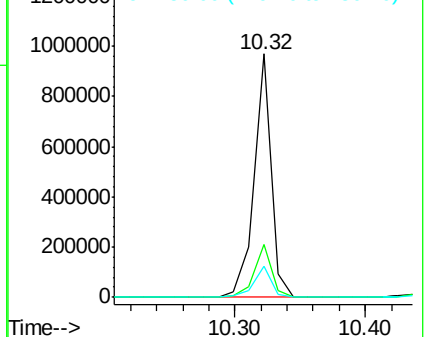
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	15.7	23.5
150	12.7	10.2	15.2

Manual Integrations
APPROVED

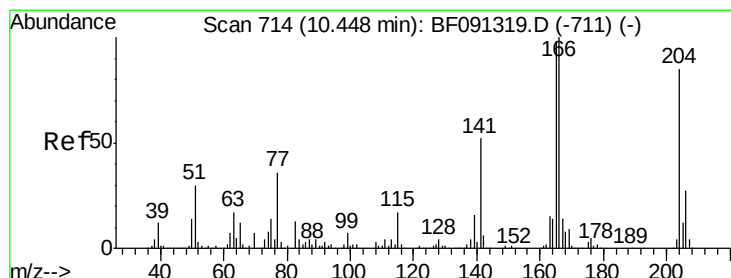
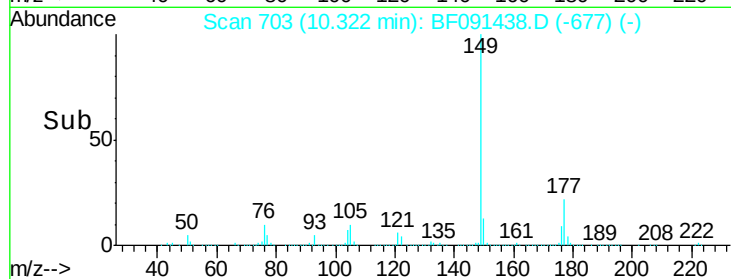


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



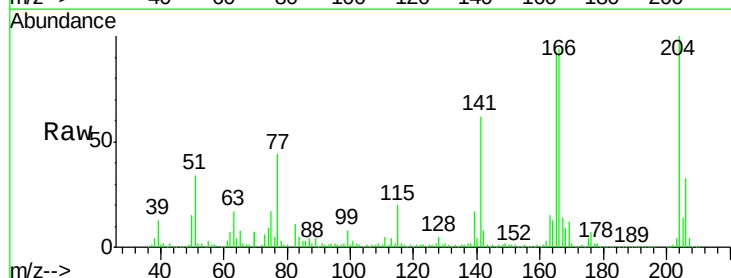
sohil

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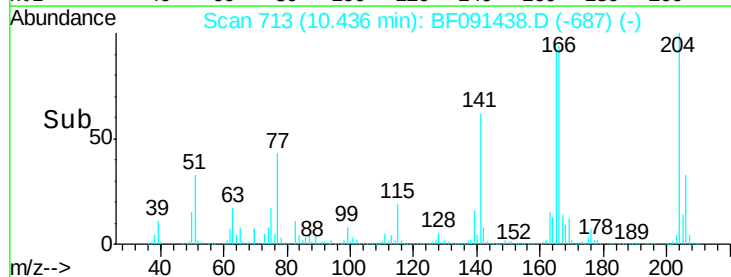
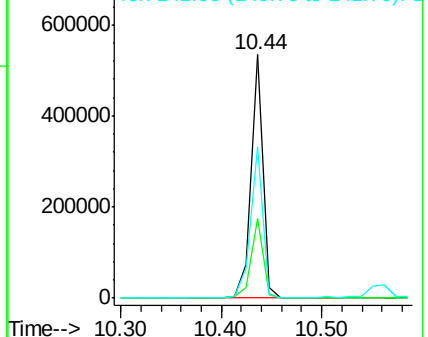


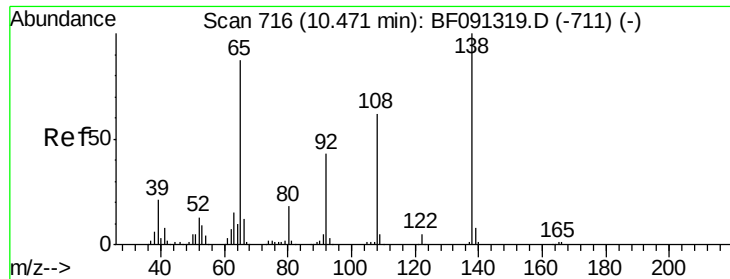
#60
4-Chlorophenyl-phenylether
Concen: 50.73 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.1	39.1
141	62.3	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



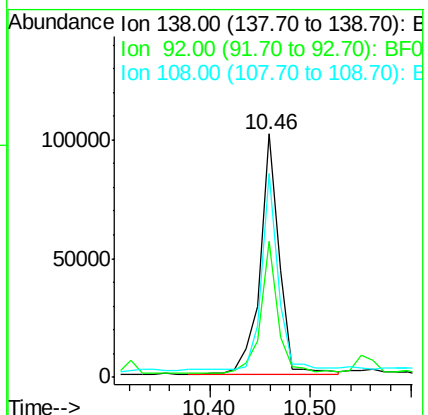
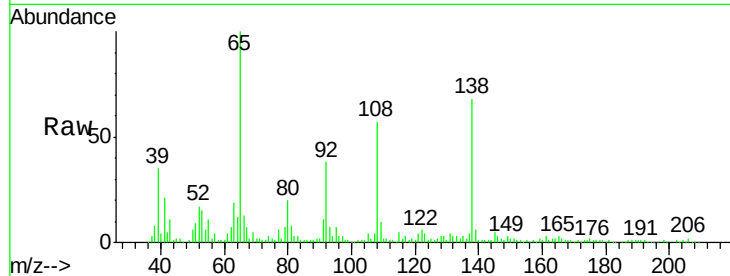


#61
4-Nitroaniline
Concen: 31.06 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

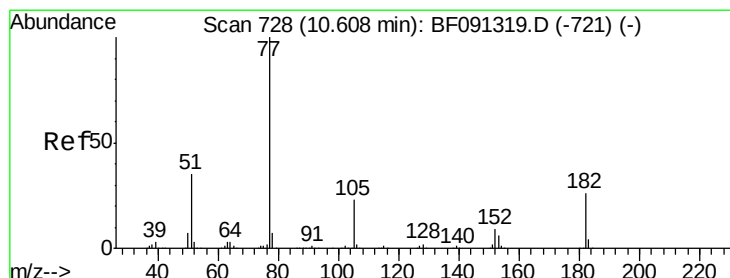
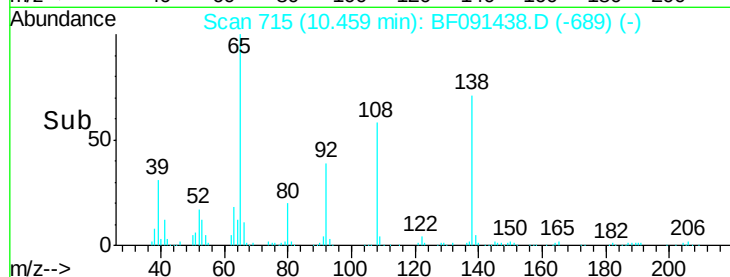
Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	26.9	66.9
108	83.6	49.1	89.1

Manual Integrations
APPROVED



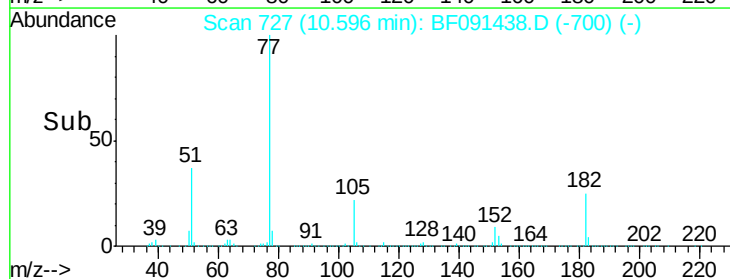
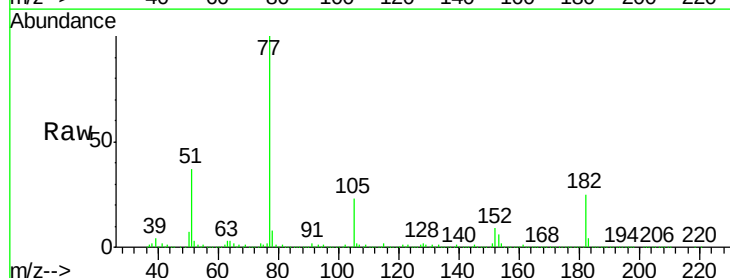
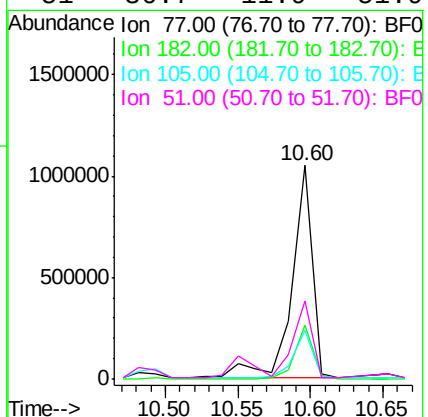
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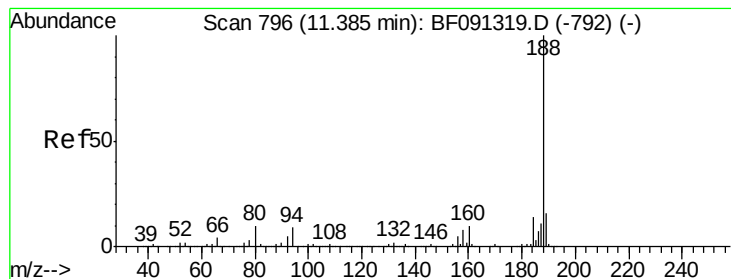
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#62
Azobenzene
Concen: 56.55 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	12.5	52.5
105	22.5	3.7	43.7
51	36.7	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampled :

MW-04MSD

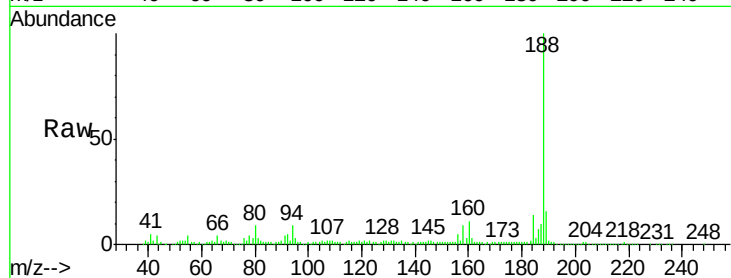
Tot Ion:188 Resp: 448367
Ion Ratio Lower Upper

188 100

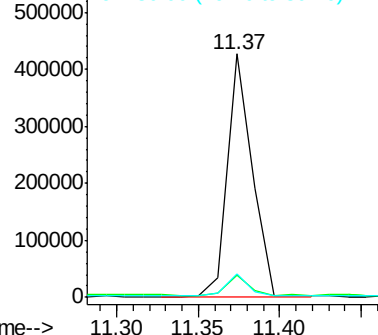
94 9.0 9.2 13.8#

80 9.4 10.5 15.7#

Manual Integrations
APPROVED

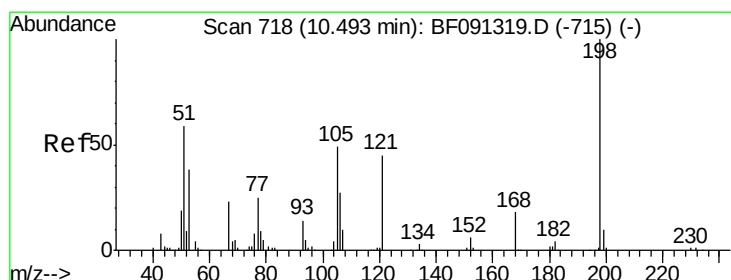
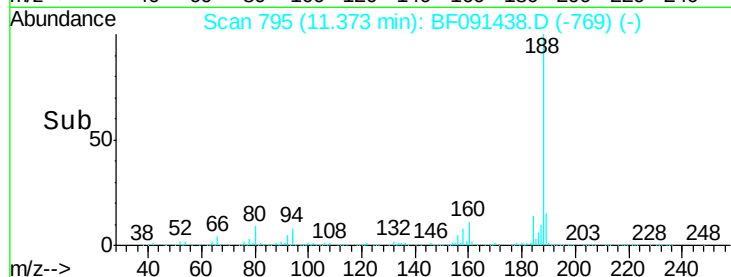


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



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#64

4,6-Dinitro-2-methylphenol

Concen: 55.72 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF091438.D

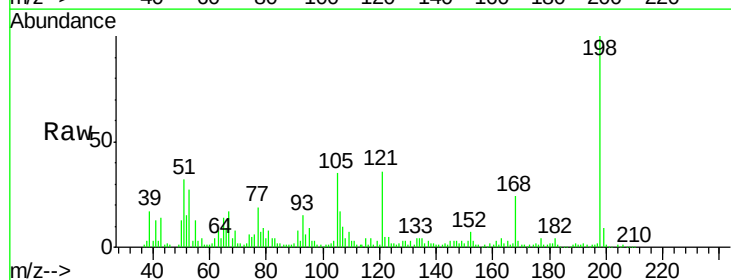
Acq: 6 Dec 2016 00:36

Tgt Ion:198 Resp: 137641
Ion Ratio Lower Upper

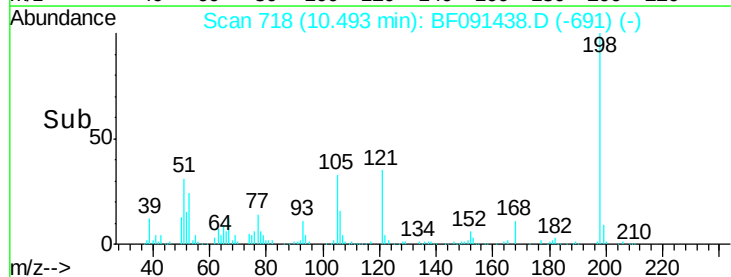
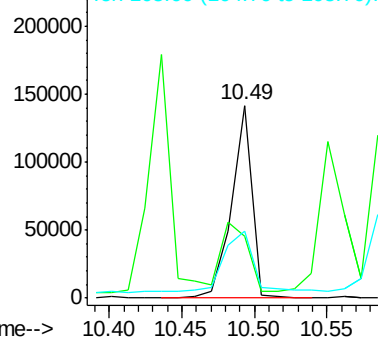
198 100

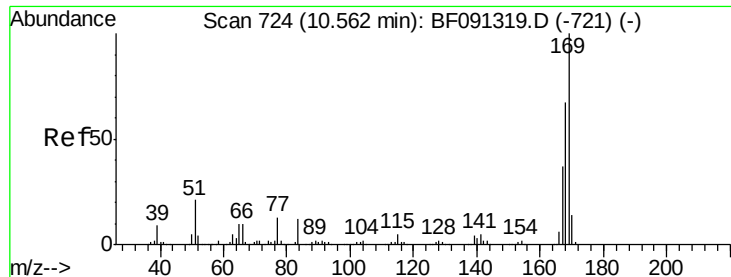
51 32.2 77.1 117.1#

105 34.6 44.8 84.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 59.50 ng

RT: 10.56 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

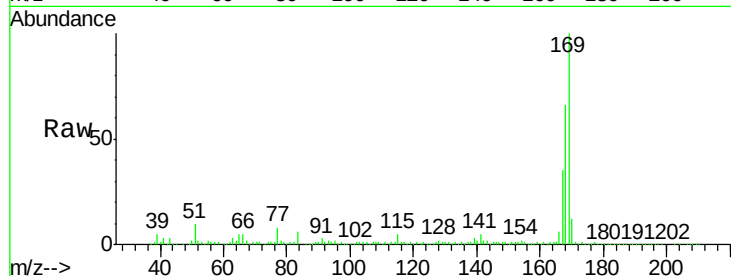
BNA_F

ClientSampleId :

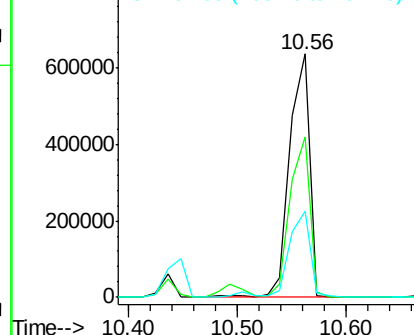
MW-04MSD

Tot Ion:	169	Resp:	808782
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.8	80.8
167	35.2	29.8	44.8

Manual Integrations
APPROVED

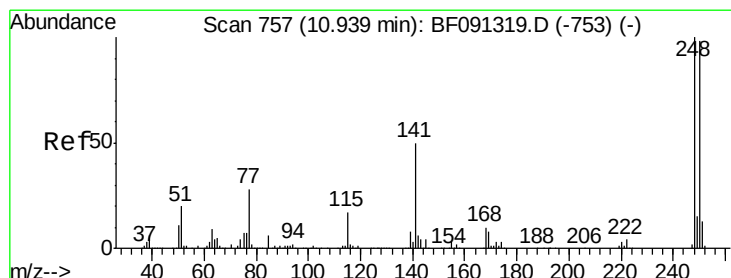
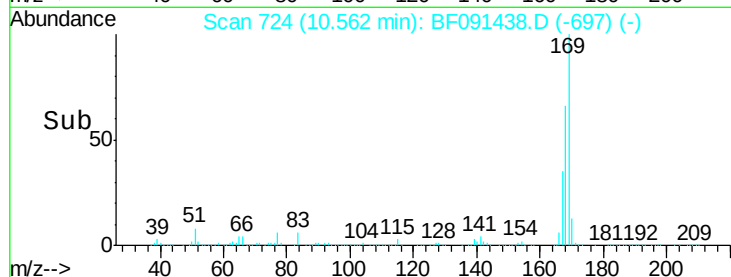


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



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#66

4-Bromophenyl-phenylether

Concen: 62.68 ng

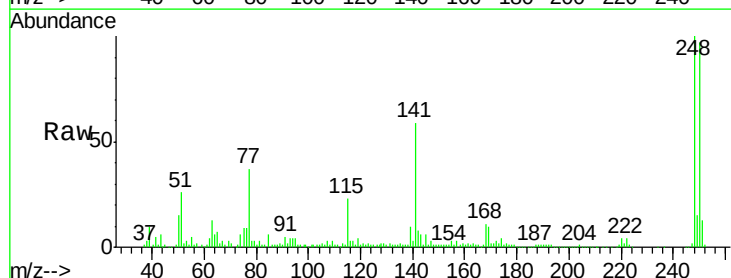
RT: 10.93 min Scan# 756

Delta R.T. 0.01 min

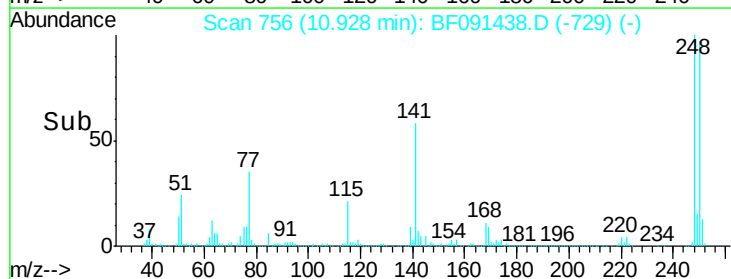
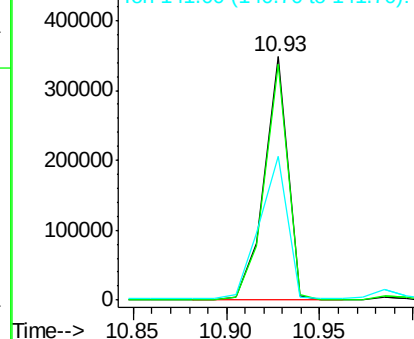
Lab File: BF091438.D

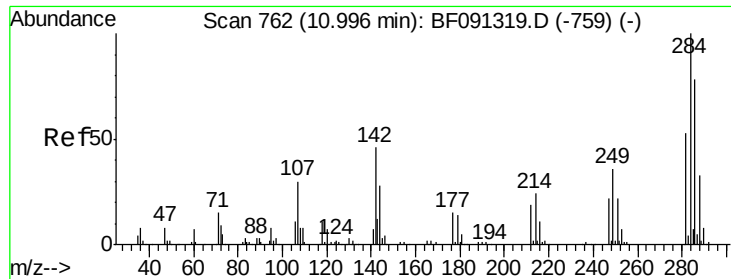
Acq: 6 Dec 2016 00:36

Tgt Ion:	248	Resp:	302085
Ion Ratio	Lower	Upper	
248	100		
250	96.7	78.2	117.4
141	59.1	71.9	107.9#



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



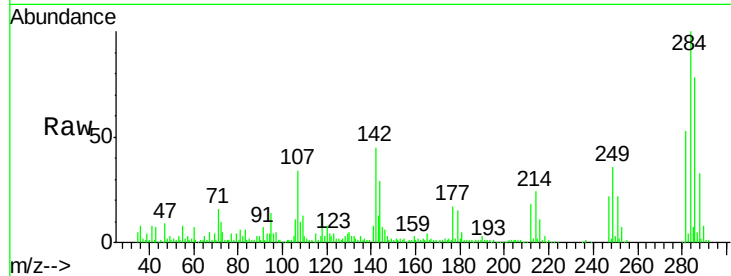


#67
Hexachlorobenzene
Concen: 55.80 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

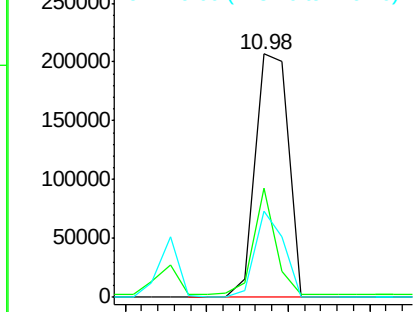
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	45.0	17.9	26.9#
249	35.6	23.6	35.4#

Manual Integrations
APPROVED

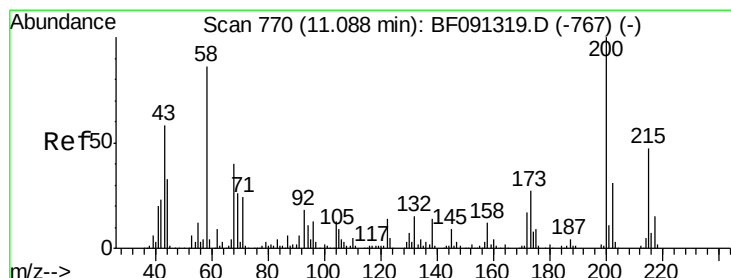
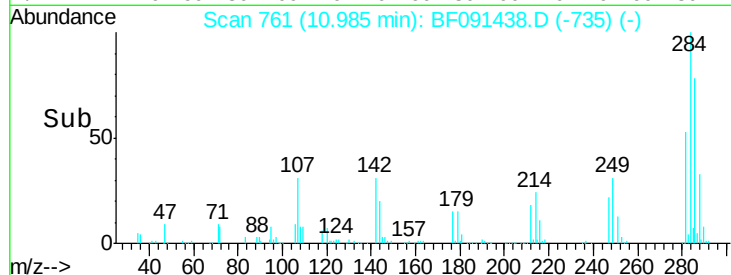


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



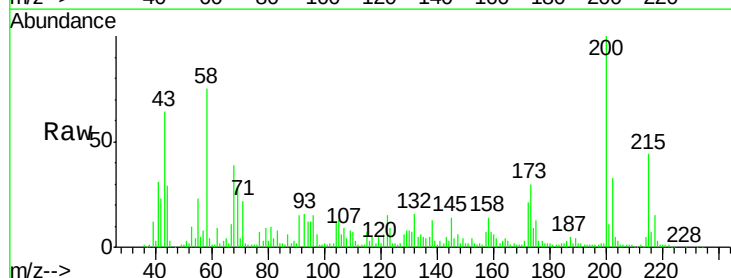
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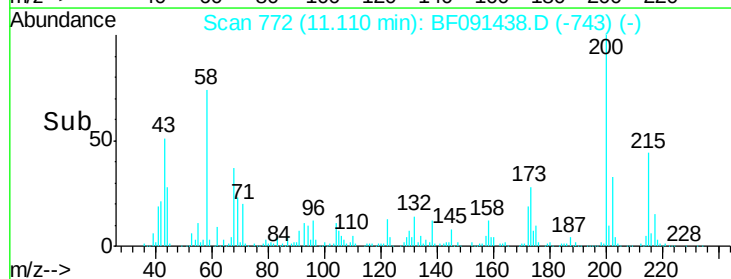
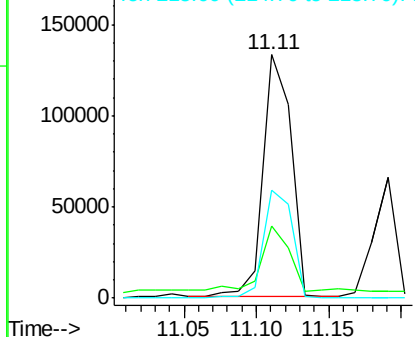


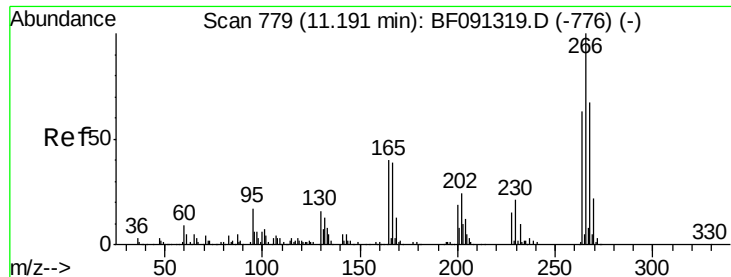
#68
Atrazine
Concen: 40.25 ng
RT: 11.11 min Scan# 772
Delta R.T. 0.03 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.7	7.8	47.8
215	44.1	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



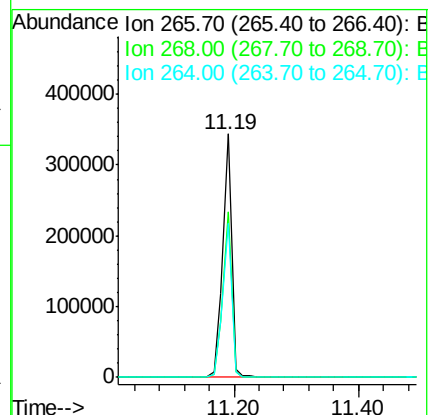
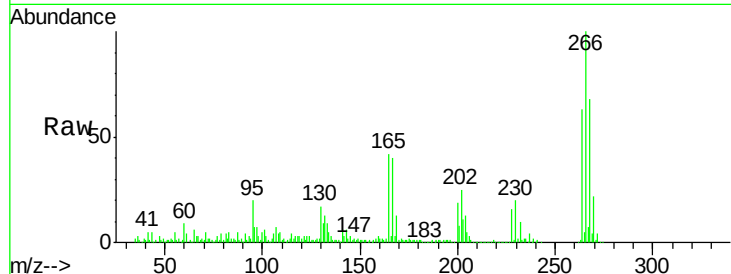


#69
 Pentachlorophenol
 Concen: 109.94 ng
 RT: 11.19 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

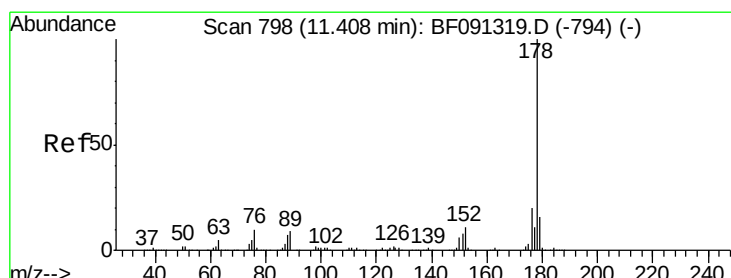
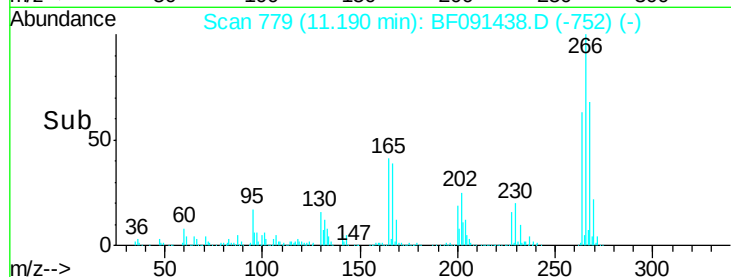
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.7	50.3	75.5
264	63.4	48.2	72.2

Manual Integrations
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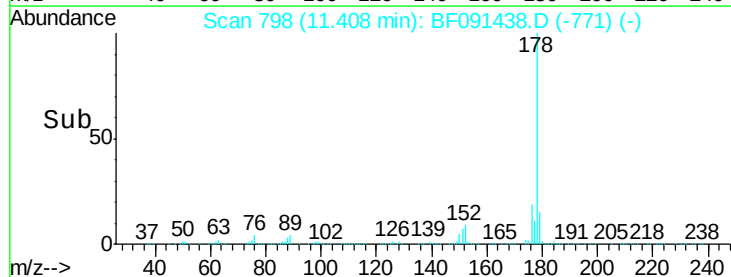
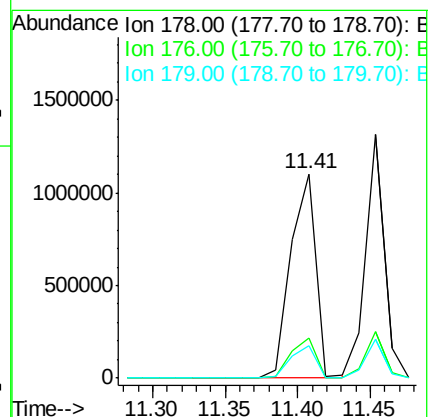
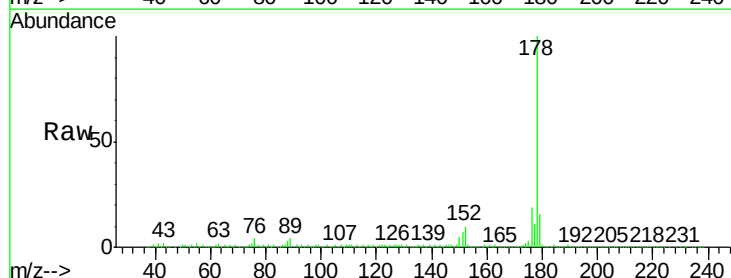
sohil

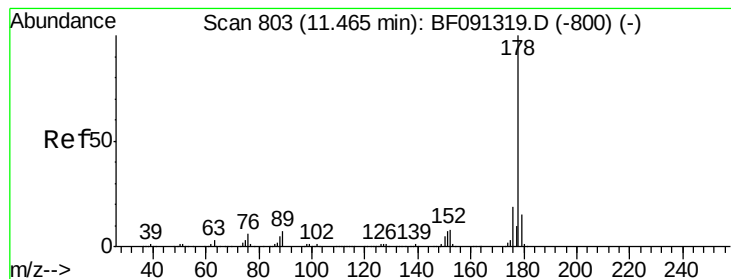
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#70
 Phenanthrene
 Concen: 56.20 ng
 RT: 11.41 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.6	12.6	18.8



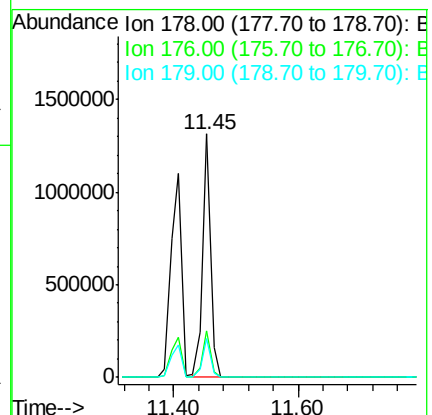
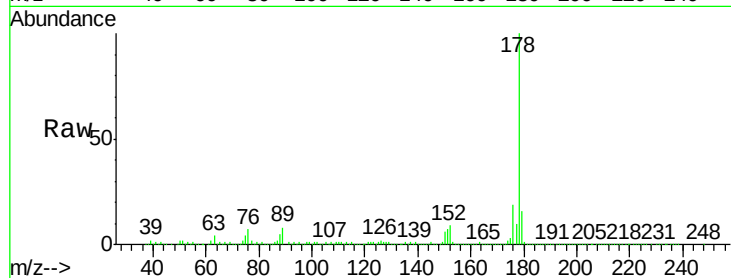


#71
 Anthracene
 Concen: 51.29 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

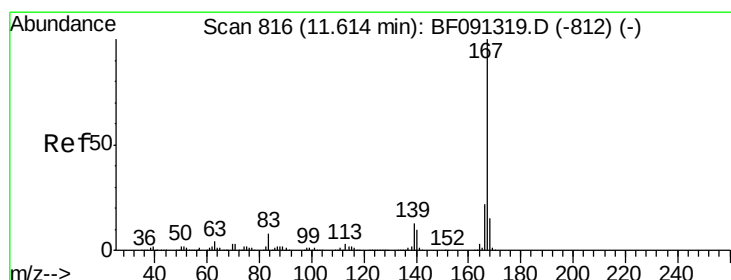
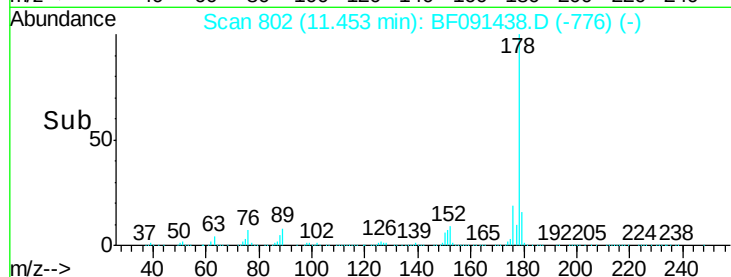
Tot Ion:178 Resp: 1185959
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.8 12.7 19.1

Manual Integrations
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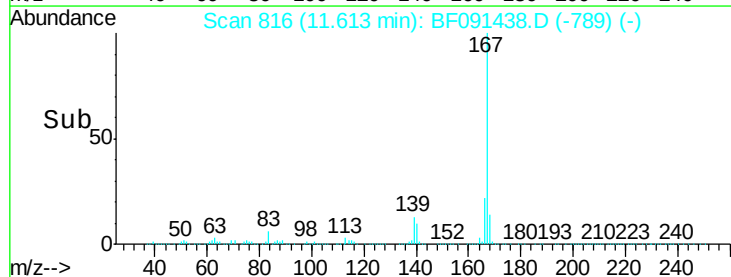
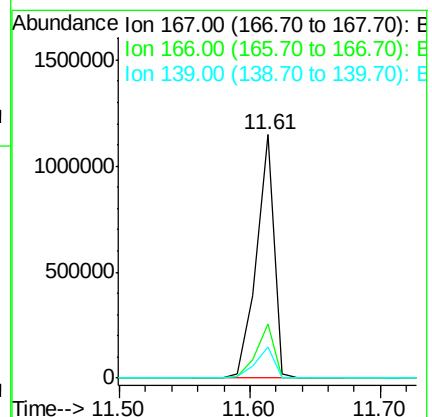
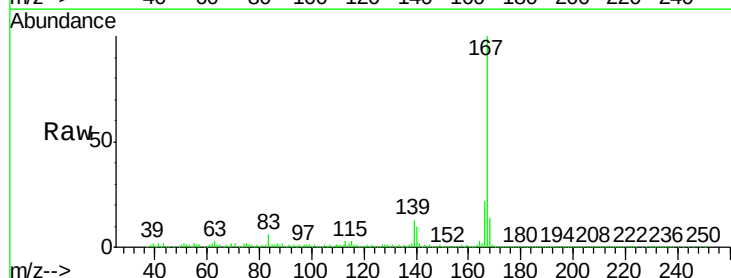
sohil

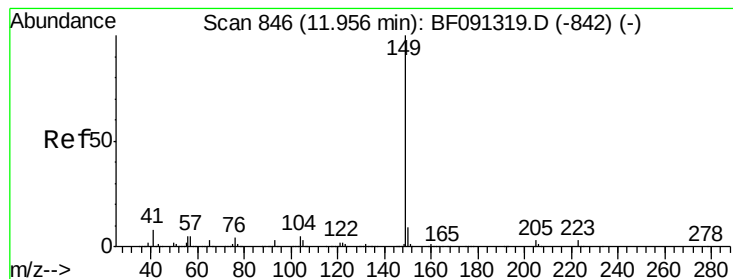
12/6/2016 3:01:53 PM



#72
 Carbazole
 Concen: 51.64 ng
 RT: 11.61 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:167 Resp: 1083502
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 12.9 11.5 17.3



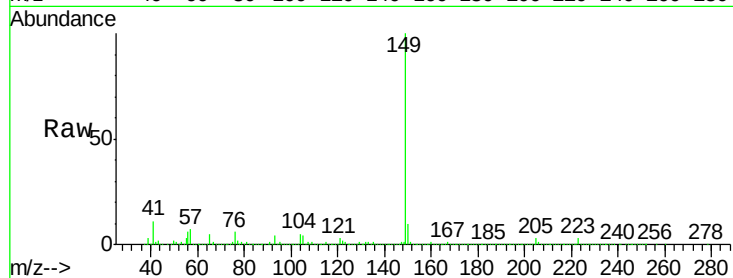


#73
Di-n-butylphthalate
Concen: 51.28 ng
RT: 11.94 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

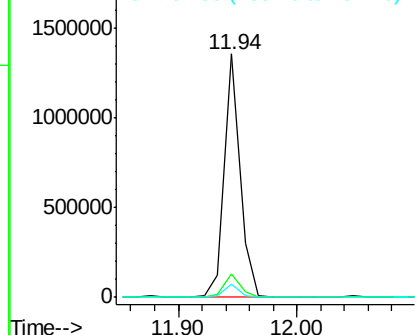
Instrument :
BNA_F
ClientSampleId :
MW-04MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.5	4.0	6.0

Manual Integrations
APPROVED

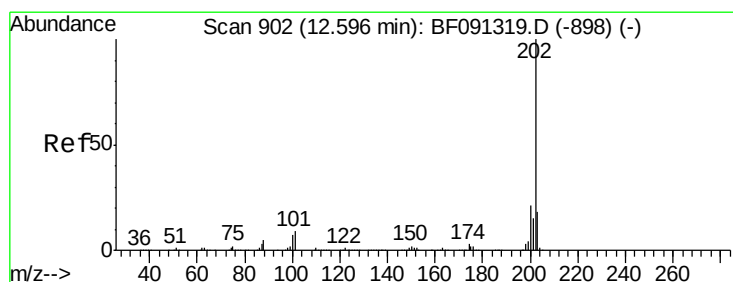
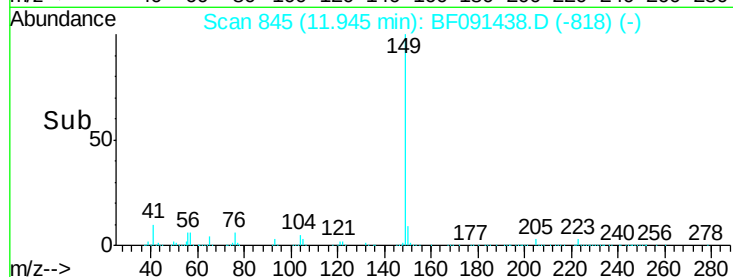


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



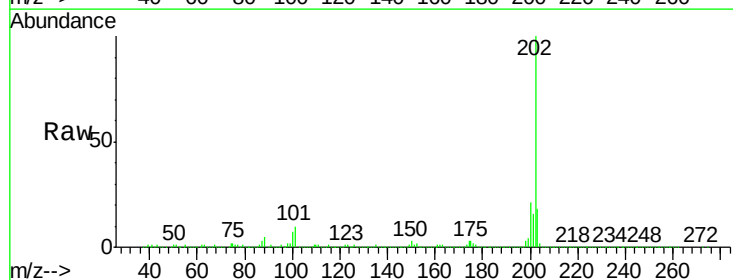
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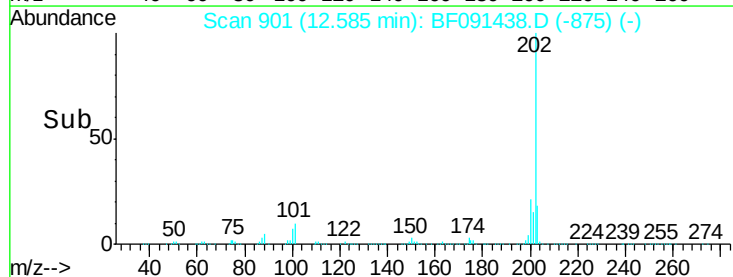
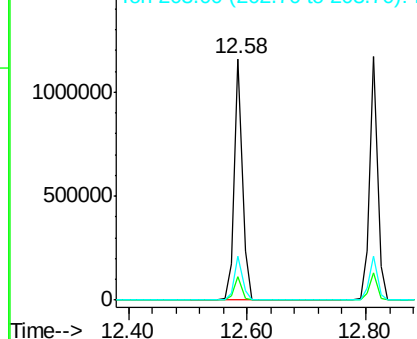


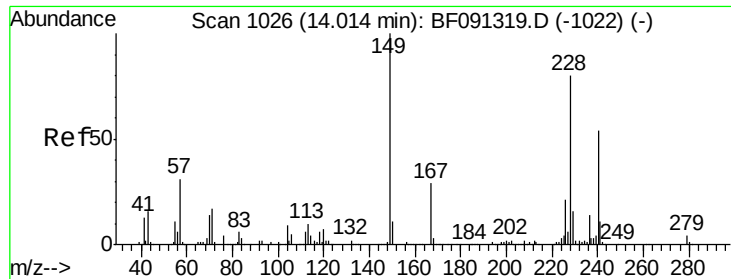
#74
Fluoranthene
Concen: 49.12 ng
RT: 12.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	29.5
203	18.1	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

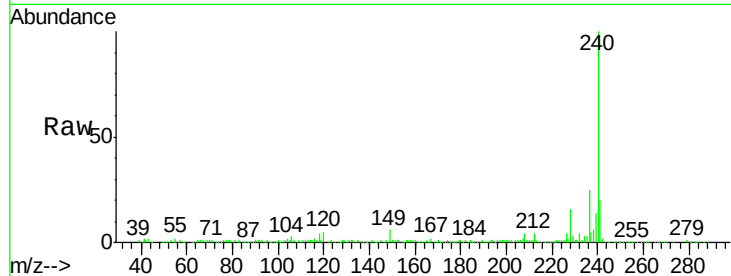
BNA_F

ClientSampleId :

MW-04MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.7	12.1	18.1#
236	25.0	21.0	31.6

Manual Integrations
APPROVED

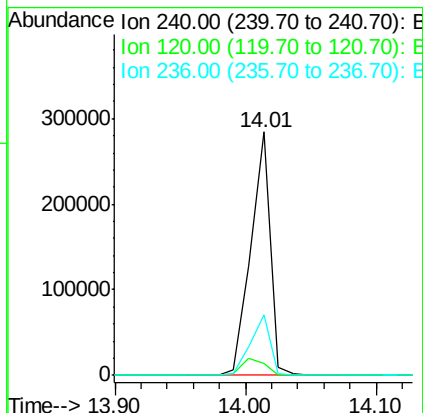
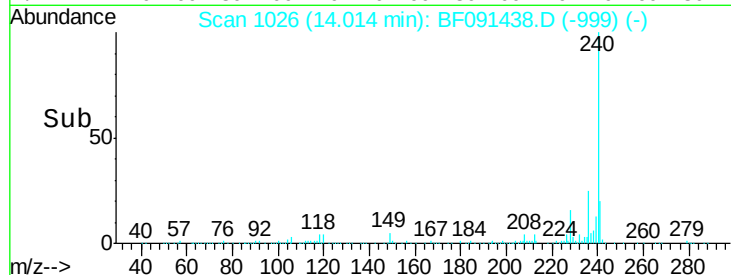


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

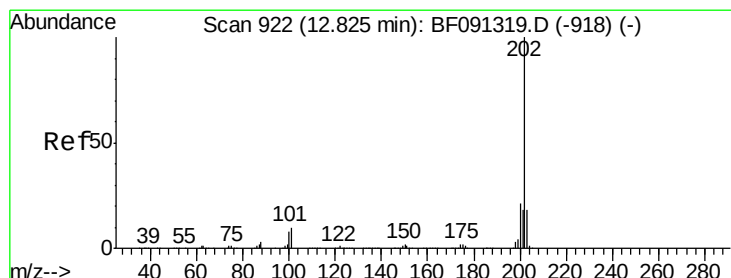
Ion 236.00 (235.70 to 236.70): E

Time--> 13.90 14.00 14.10



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#77

Pyrene

Concen: 48.36 ng

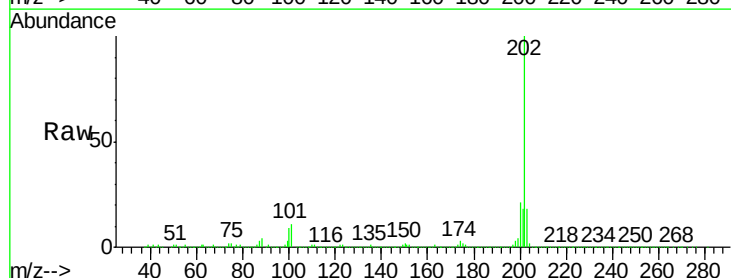
RT: 12.81 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

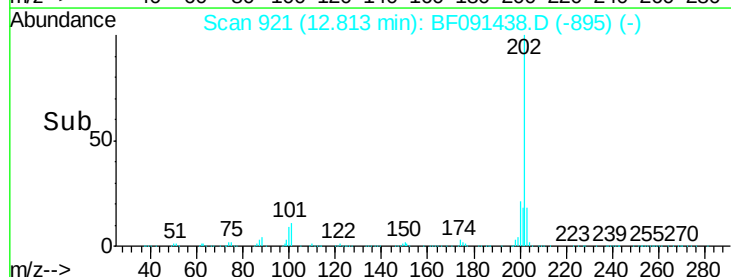
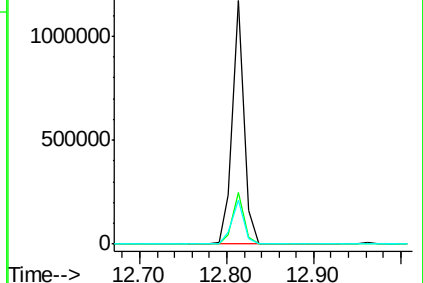
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.9	14.0	21.0

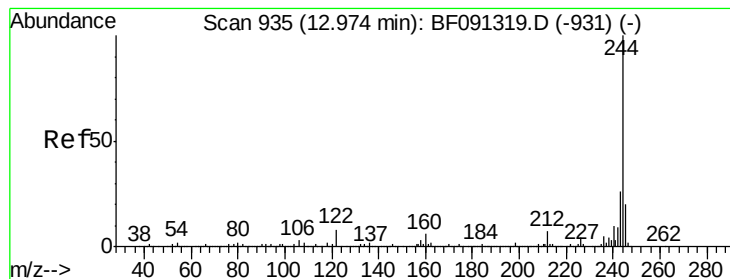


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 106.98 ng

RT: 12.96 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

Instrument :

BNA_F

ClientSampleId :

MW-04MSD

Tot Ion:244 Resp: 1450784

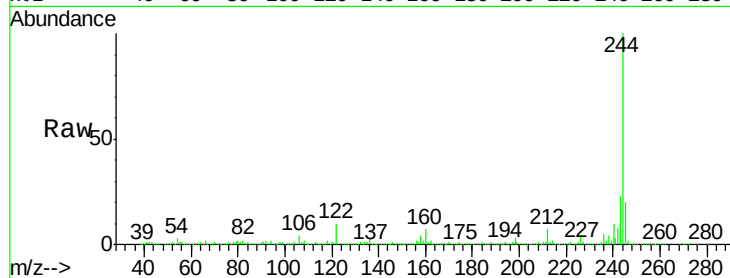
Ion Ratio Lower Upper

244 100

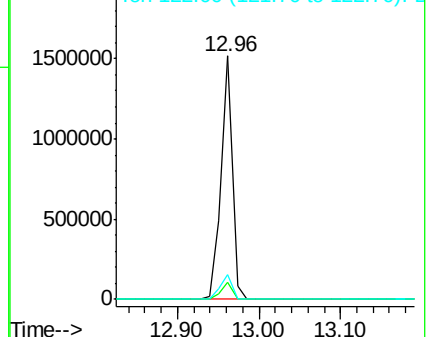
212 7.2 6.5 9.7

122 10.2 9.5 14.3

Manual Integrations
APPROVED

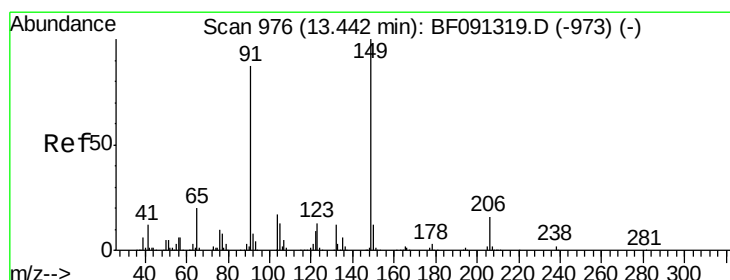
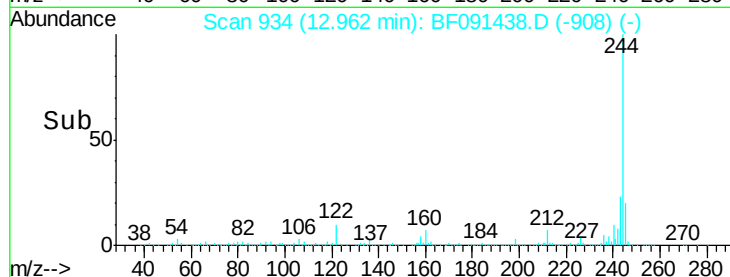


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#79

Butylbenzylphthalate

Concen: 57.13 ng

RT: 13.44 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF091438.D

Acq: 6 Dec 2016 00:36

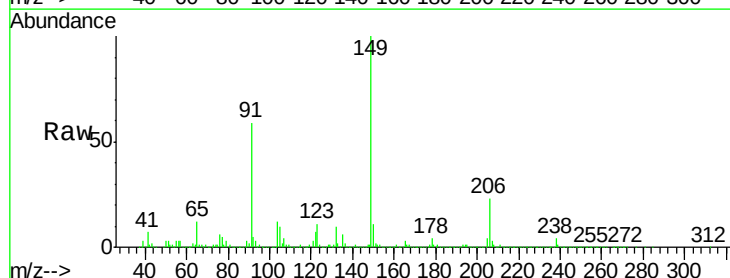
Tgt Ion:149 Resp: 478520

Ion Ratio Lower Upper

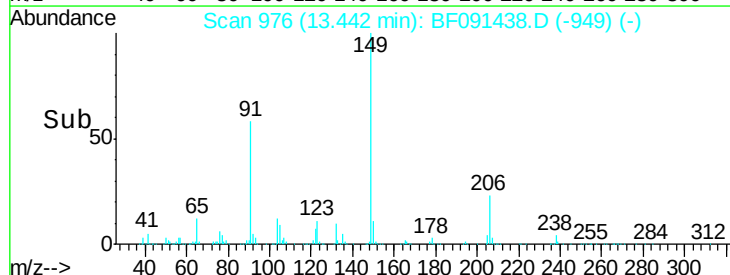
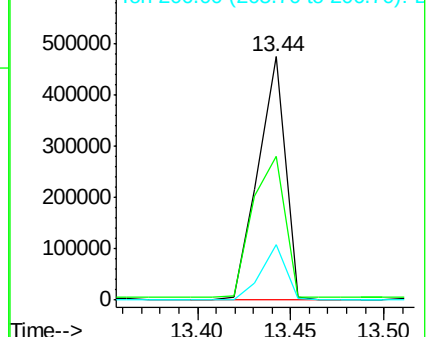
149 100

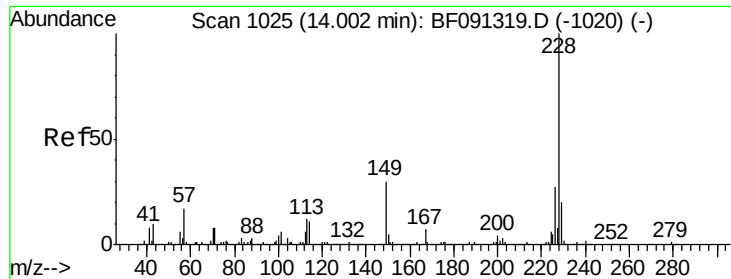
91 59.3 57.4 86.2

206 22.8 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



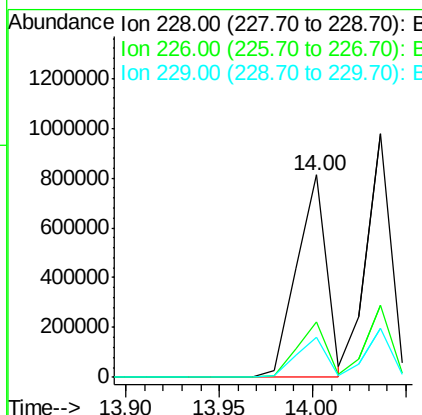
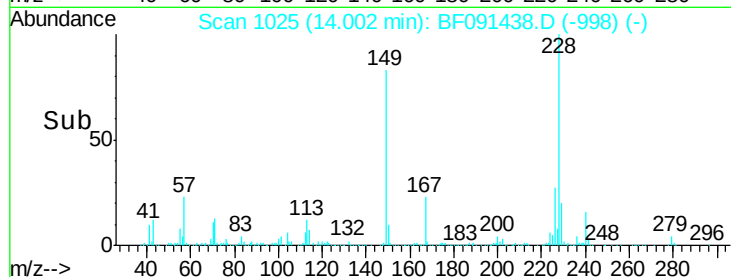
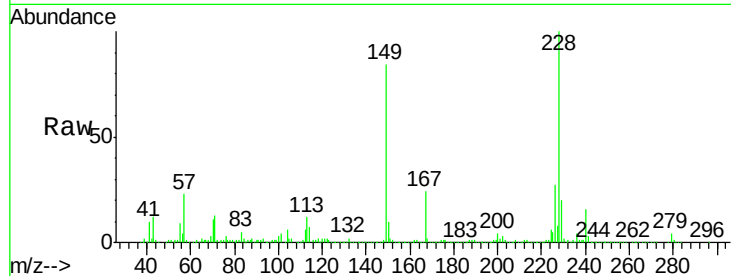


#80
Benzo(a)anthracene
Concen: 52.57 ng
RT: 14.00 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

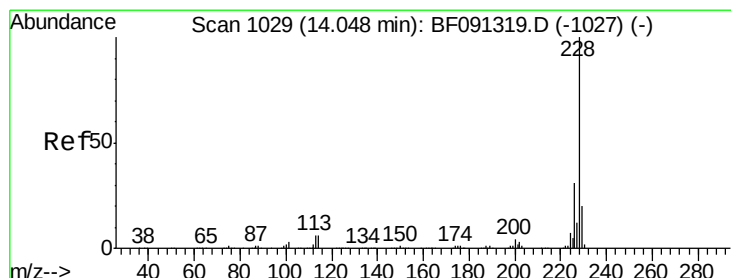
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	20.0	16.4	24.6

Manual Integrations
APPROVED



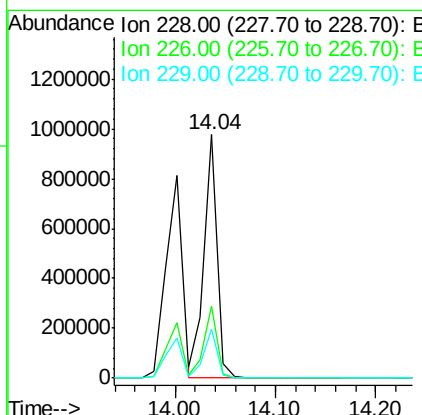
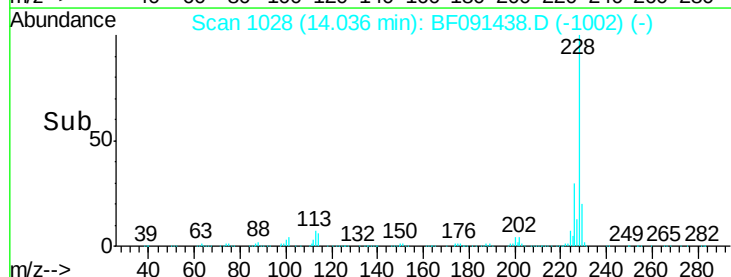
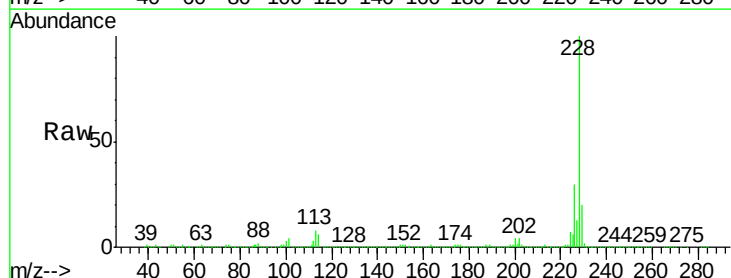
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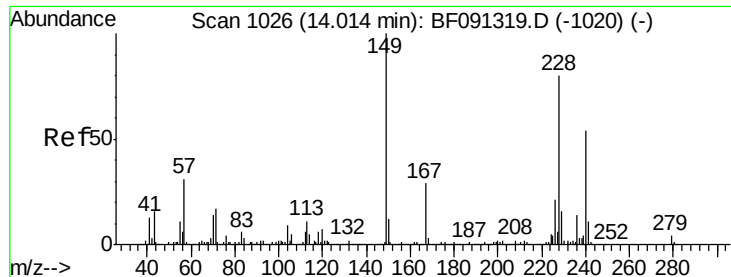
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#82
Chrysene
Concen: 51.86 ng
RT: 14.04 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.4
229	20.1	16.0	24.0



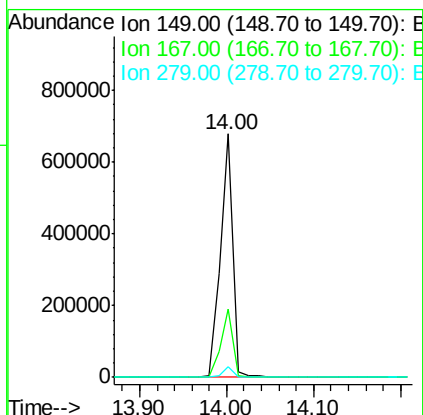
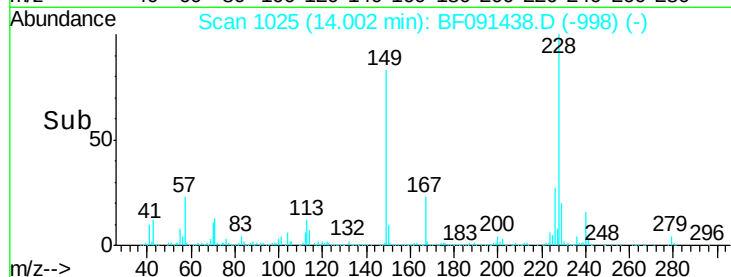
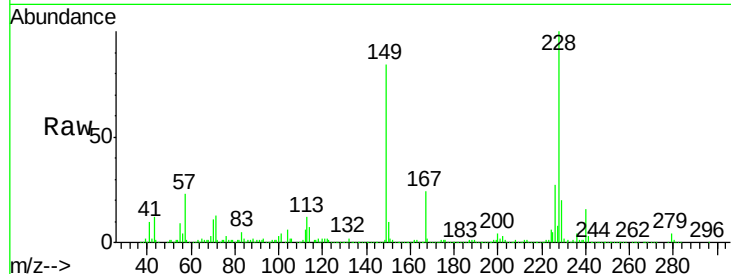


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.15 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

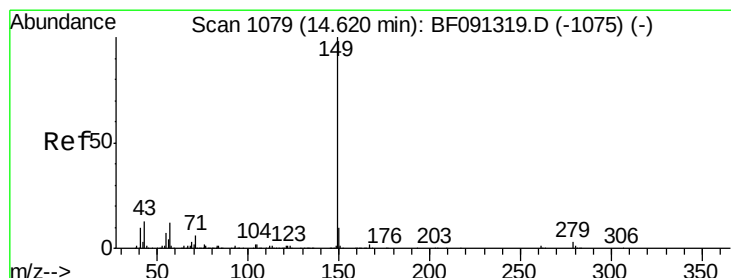
Tot Ion:	149	Resp:	681148
Ion Ratio	Lower	Upper	
149	100		
167	28.2	19.6	29.4
279	4.4	1.9	2.9#

Manual Integrations
 APPROVED



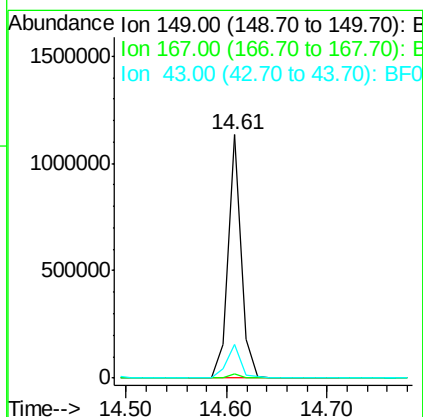
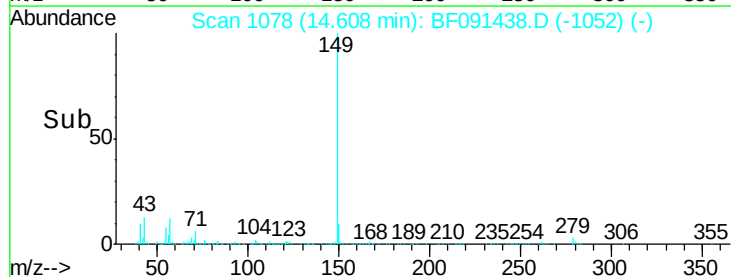
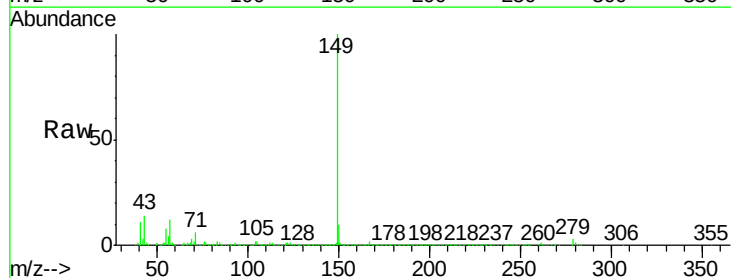
sohil

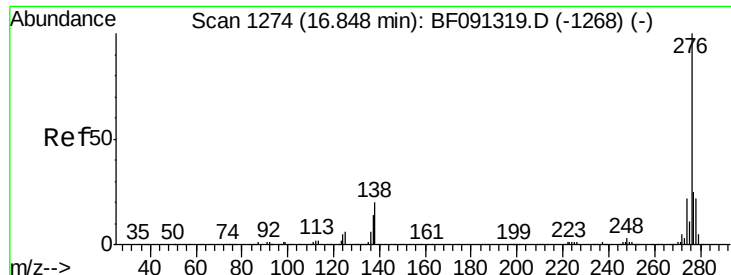
12/6/2016 3:01:53 PM



#84
 Di-n-octyl phthalate
 Concen: 63.17 ng
 RT: 14.61 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Tgt Ion:	149	Resp:	1014914
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	13.9	11.9	17.9



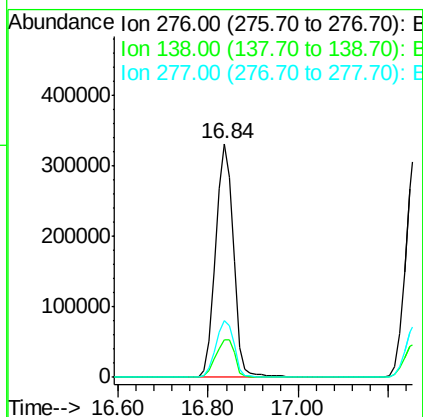
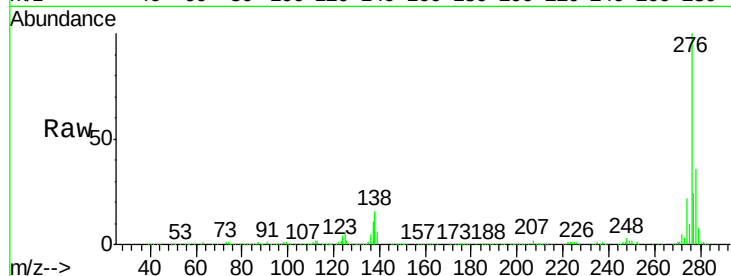


#85
Indeno(1,2,3-cd)pyrene
Concen: 58.95 ng
RT: 16.84 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

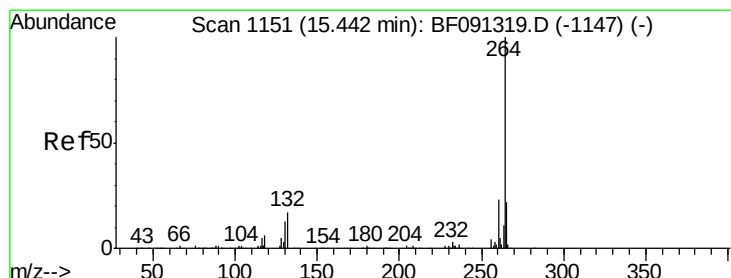
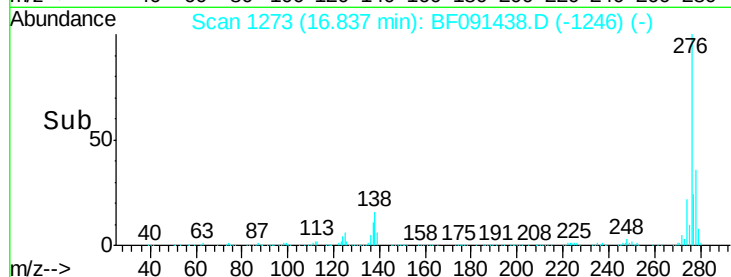
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	21.0	31.4#
277	25.0	20.2	30.2

Manual Integrations
APPROVED



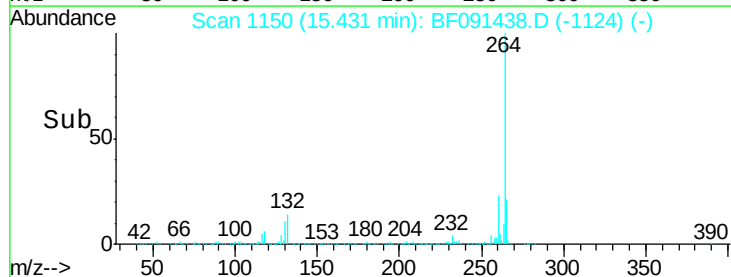
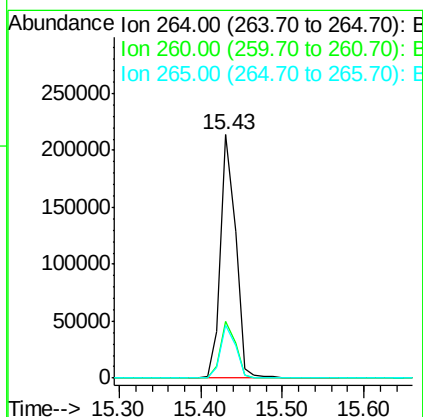
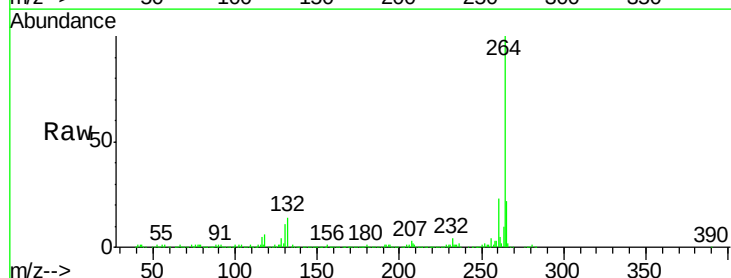
sohil

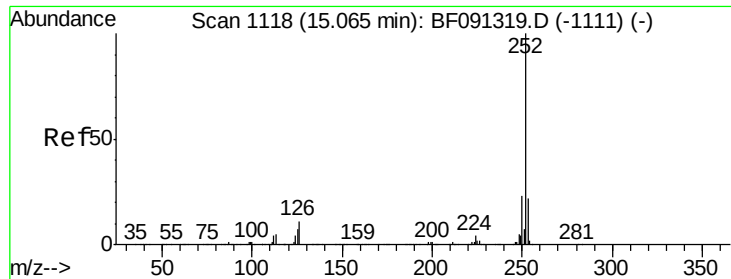
12/6/2016 3:01:53 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.7	17.0	25.6



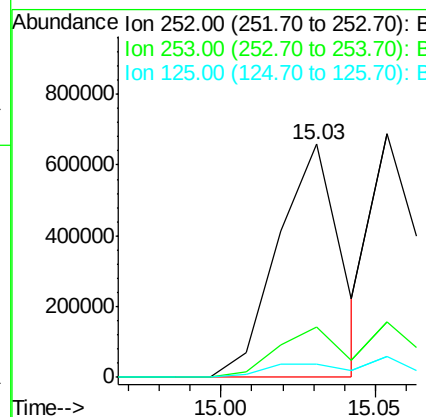
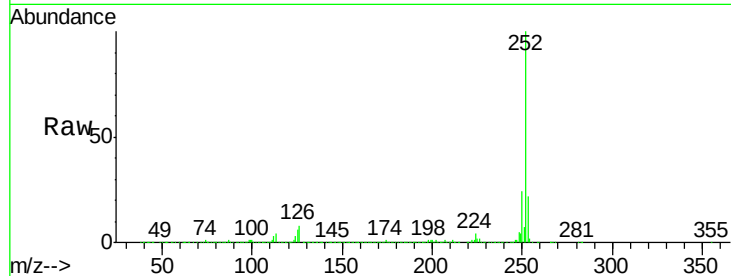


#87
Benzo(b)fluoranthene
Concen: 55.00 ng m
RT: 15.03 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

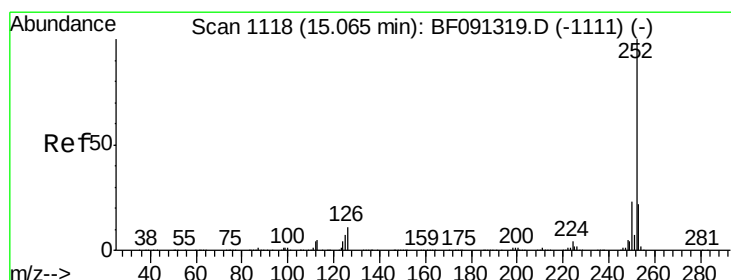
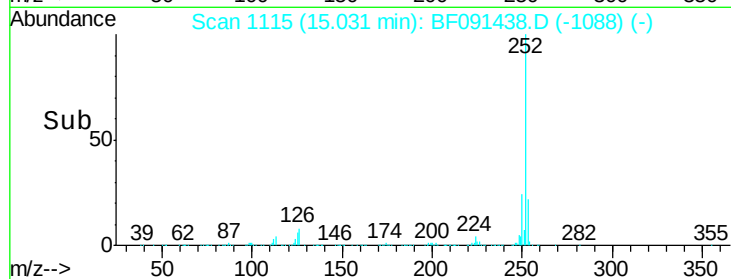
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	5.9	8.6	13.0

Manual Integrations
APPROVED



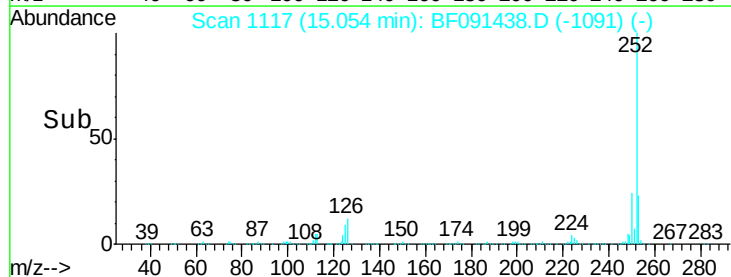
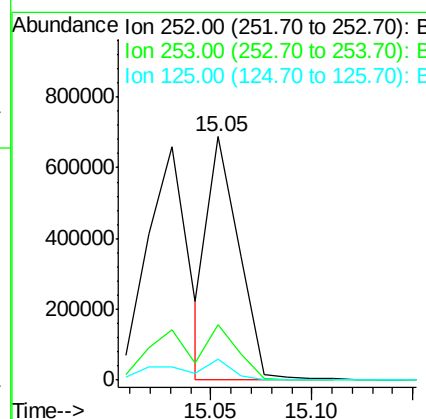
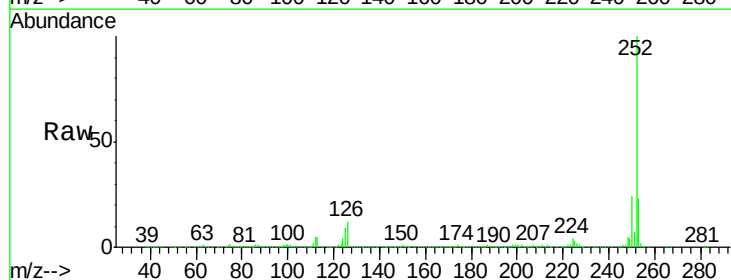
sohil

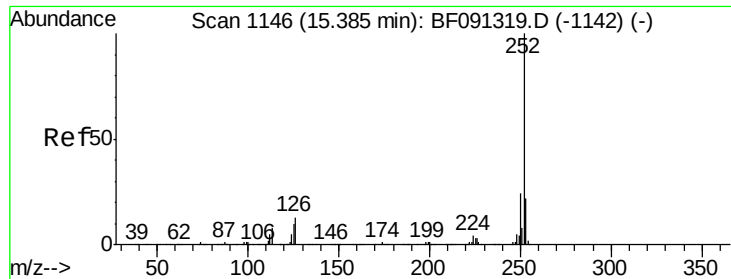
12/6/2016 3:01:53 PM



#88
Benzo(k)fluoranthene
Concen: 50.97 ng m
RT: 15.05 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.6	9.6	14.4



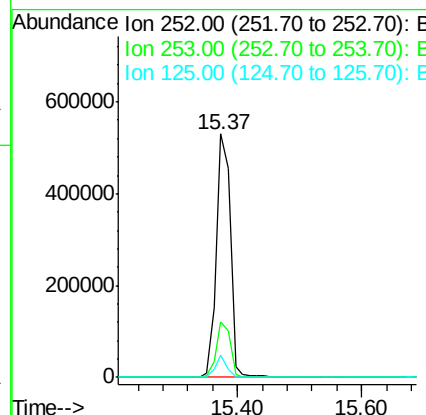
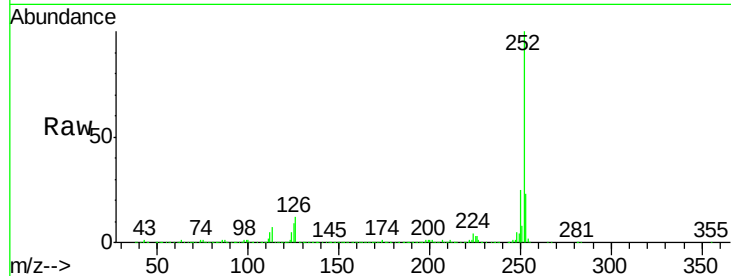


#89
Benzo(a)pyrene
Concen: 53.41 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Instrument :
BNA_F
ClientSampleId :
MW-04MSD

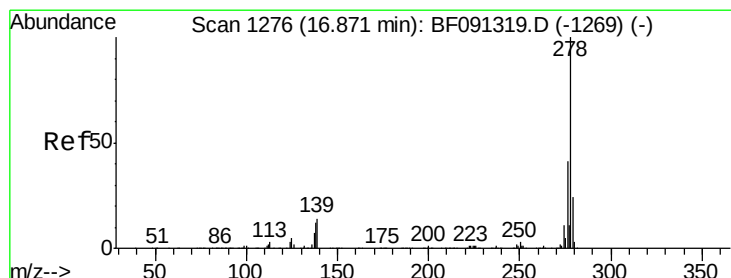
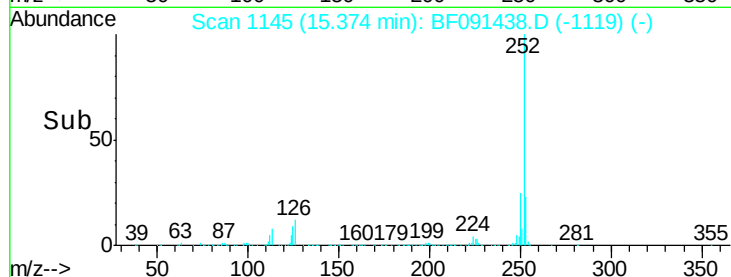
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	9.0	10.4	15.6

Manual Integrations
APPROVED



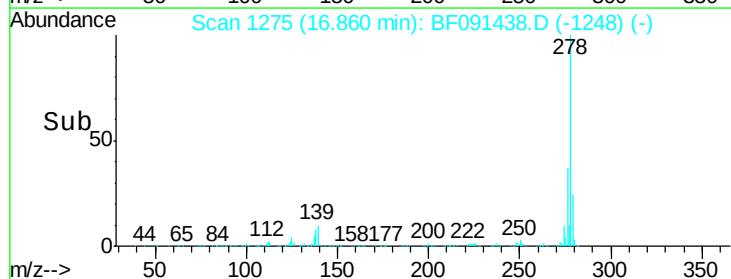
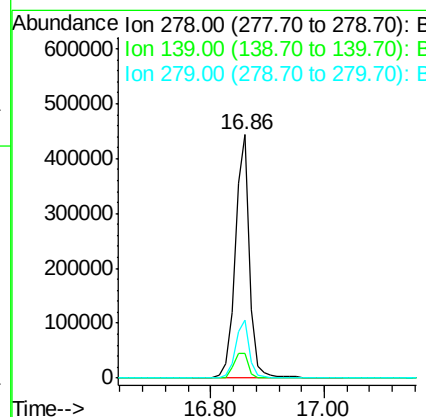
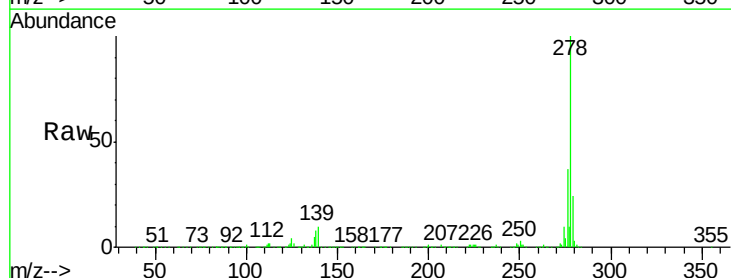
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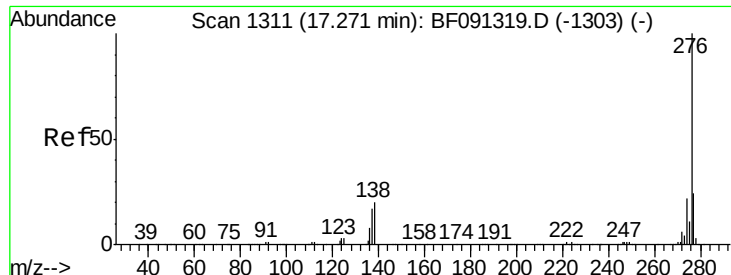
12/6/2016 3:01:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 54.86 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF091438.D
Acq: 6 Dec 2016 00:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.1	15.1	22.7
279	23.9	19.0	28.6



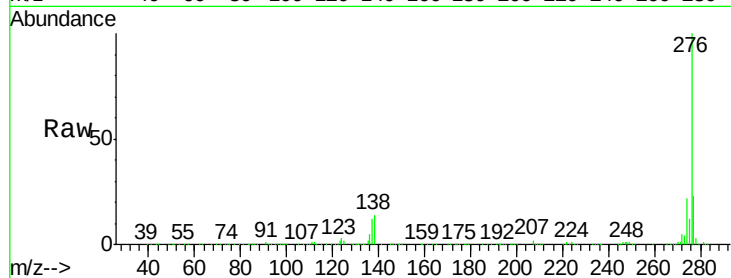


#91
 Benzo(a,h,i)perylene
 Concen: 50.71 ng
 RT: 17.26 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF091438.D
 Acq: 6 Dec 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-04MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	14.4	15.4	23.0

Manual Integrations
 APPROVED

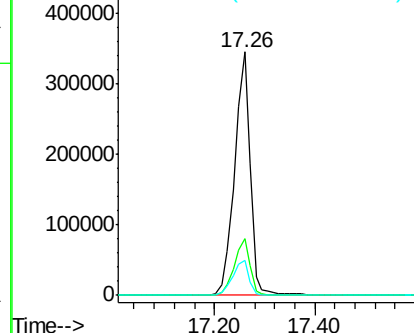
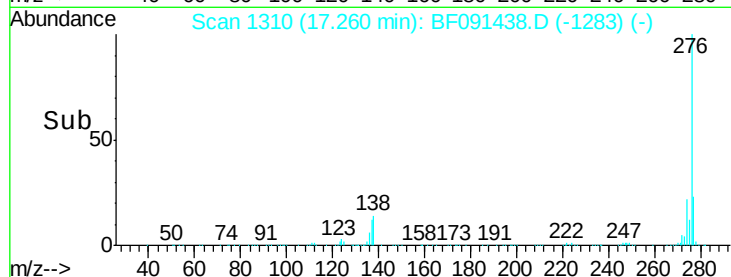


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



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