

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
 Data File : BF091136.D
 Acq On : 9 Nov 2016 20:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 11/10/2016 8:39:39 AM

Quant Time: Nov 09 23:18:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	190194	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	765209	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	428323	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	696957	20.00	ng	0.00
75) Chrysene-d12	13.80	240	526836	20.00	ng	-0.01
86) Perylene-d12	15.17	264	380249	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1038296	90.16	ng	0.00
7) Phenol-d6	6.32	99	1192599	76.30	ng	0.00
23) Nitrobenzene-d5	7.23	82	993256	70.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	360414	93.07	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1766551	71.01	ng	-0.01
78) Terphenyl-d14	12.76	244	2027622	96.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	250096	37.96	ng	93
3) Pyridine	2.77	79	708353	45.96	ng	99
4) n-Nitrosodimethylamine	2.74	42	237541	38.97	ng	88
6) Aniline	6.32	93	734266	39.83	ng	# 95
8) 2-Chlorophenol	6.44	128	555694	40.45	ng	93
9) Benzaldehyde	6.20	77	329838	38.02	ng	92
10) Phenol	6.33	94	702701	40.62	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	567097	38.90	ng	95
12) 1,3-Dichlorobenzene	6.59	146	557518m	40.13	ng	
13) 1,4-Dichlorobenzene	6.67	146	584819	39.23	ng	95
14) 1,2-Dichlorobenzene	6.83	146	533798	39.02	ng	95
15) Benzyl Alcohol	6.82	79	443893	40.26	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.94	45	631656	30.26	ng	70
17) 2-Methylphenol	6.93	107	406482	37.38	ng	97
18) Hexachloroethane	7.16	117	207208	35.92	ng	# 88
19) n-Nitroso-di-n-propylamine	7.09	70	400122	36.94	ng	# 86
20) 3+4-Methylphenols	7.09	107	527151	40.37	ng	94
22) Acetophenone	7.08	105	751617	42.66	ng	# 94
24) Nitrobenzene	7.25	77	656302	42.36	ng	96
25) Isophorone	7.49	82	1072158	39.67	ng	100
26) 2-Nitrophenol	7.56	139	292283	44.58	ng	94
27) 2,4-Dimethylphenol	7.62	122	449264	41.44	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	641890	43.47	ng	99
29) 2,4-Dichlorophenol	7.81	162	412924	43.64	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	477620	44.89	ng	97
31) Naphthalene	7.96	128	1478991	40.41	ng	99
32) Benzoic acid	7.78	122	253122	31.83	ng	98
33) 4-Chloroaniline	8.03	127	656617	43.14	ng	97
34) Hexachlorobutadiene	8.09	225	279038	48.59	ng	99
35) Caprolactam	8.42	113	135884	45.71	ng	# 72
36) 4-Chloro-3-methylphenol	8.52	107	475710	41.53	ng	90
37) 2-Methylnaphthalene	8.66	142	997602	42.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	470744	43.11	ng	97
40) Hexachlorocyclopentadiene	8.81	237	112767	31.20	ng	98

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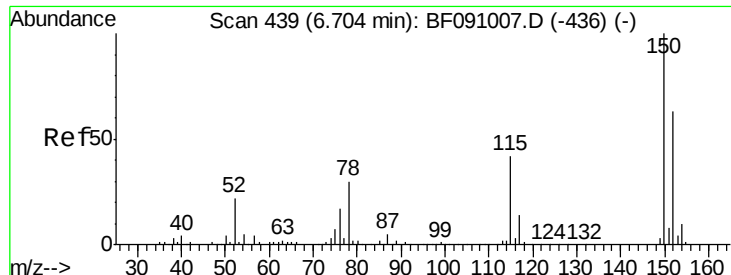
Manual Integrations
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Sohil
 11/10/2016 8:39:39 AM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	307277	43.59	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	325783	44.01	nq	97
45) 1,1'-Biphenyl	9.13	154	1307468	41.80	nq	96
46) 2-Chloronaphthalene	9.15	162	989240	41.66	nq	94
47) 2-Nitroaniline	9.25	65	355665	40.36	nq	88
48) Acenaphthylene	9.56	152	1514169	40.92	nq	99
49) Dimethylphthalate	9.44	163	1130212	40.24	nq	99
50) 2,6-Dinitrotoluene	9.49	165	227177	37.74	nq	# 84
51) Acenaphthene	9.73	154	981412	42.24	nq	99
52) 3-Nitroaniline	9.66	138	267157	37.43	nq	99
53) 2,4-Dinitrophenol	9.78	184	115861	38.83	nq	96
54) Dibenzofuran	9.90	168	1301371	41.61	nq	93
55) 4-Nitrophenol	9.85	139	128763	30.88	nq	# 83
56) 2,4-Dinitrotoluene	9.90	165	331695	43.31	nq	# 88
57) Fluorene	10.25	166	1015016	39.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	255452	44.05	nq	91
59) Diethylphthalate	10.13	149	1120519	38.91	nq	96
60) 4-Chlorophenyl-phenylether	10.24	204	474954	40.82	nq	# 89
61) 4-Nitroaniline	10.28	138	284049	39.34	nq	96
62) Azobenzene	10.40	77	1108372	32.70	nq	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	173534	40.66	nq	91
65) n-Nitrosodiphenylamine	10.36	169	890477	40.20	nq	100
66) 4-Bromophenyl-phenylether	10.73	248	325984	44.97	nq	# 68
67) Hexachlorobenzene	10.78	284	331253	41.43	nq	94
68) Atrazine	10.89	200	229124	35.85	nq	97
69) Pentachlorophenol	10.99	266	127513	36.01	nq	98
70) Phenanthrene	11.20	178	1346187	36.33	nq	100
71) Anthracene	11.25	178	1581359	40.15	nq	100
72) Carbazole	11.41	167	1424906	40.14	nq	98
73) Di-n-butylphthalate	11.74	149	1528876	34.25	nq	98
74) Fluoranthene	12.38	202	1533705	39.91	nq	89
76) Benzidine	12.51	184	295540	25.11	nq	98
77) Pyrene	12.60	202	1405146	40.73	nq	99
79) Butylbenzylphthalate	13.23	149	671234	40.67	nq	97
80) Benzo(a)anthracene	13.79	228	1173176	39.22	nq	100
81) 3,3'-Dichlorobenzidine	13.77	252	383036	36.45	nq	99
82) Chrysene	13.83	228	1127158	38.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	894438	40.05	nq	# 94
84) Di-n-octyl phthalate	14.41	149	1405560	38.28	nq	97
85) Indeno(1,2,3-cd)pyrene	16.47	276	1015461	41.49	nq	96
87) Benzo(b)fluoranthene	14.80	252	915986m	35.52	nq	
88) Benzo(k)fluoranthene	14.82	252	948093m	41.91	nq	
89) Benzo(a)pyrene	15.12	252	885753	39.45	nq	# 96
90) Dibenzo(a,h)anthracene	16.47	278	894346	46.08	nq	99
91) Benzo(g,h,i)perylene	16.84	276	817293	46.56	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

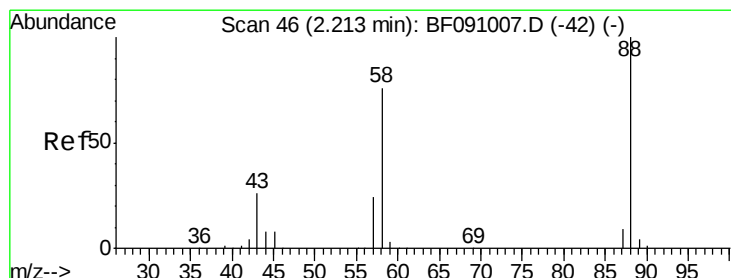
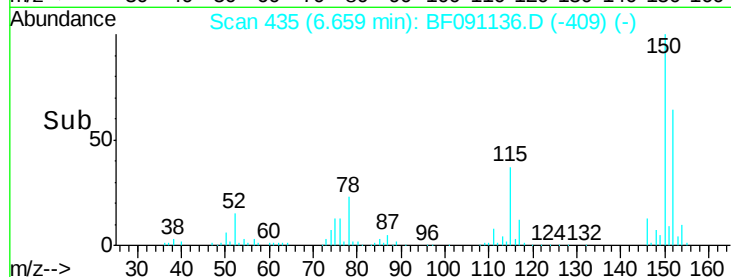
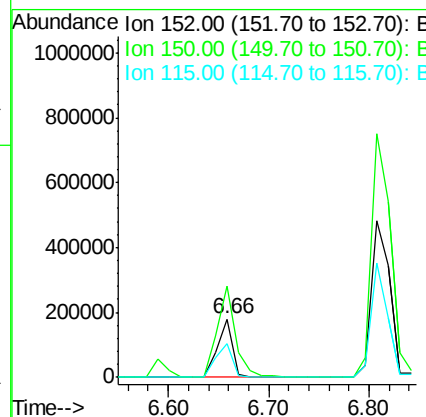
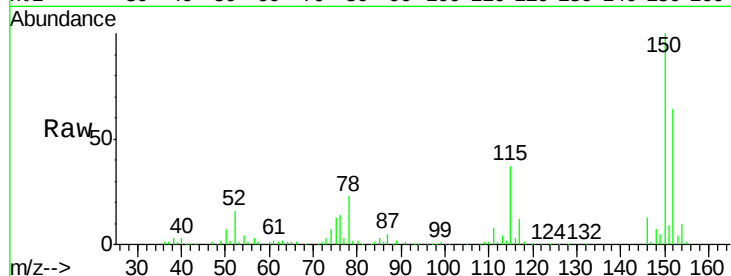
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	190194
Ion Ratio	Lower	Upper	
152	100		
150	157.1	126.8	190.2
115	57.6	53.3	79.9

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#2

1,4-Dioxane

Concen: 37.96 ng

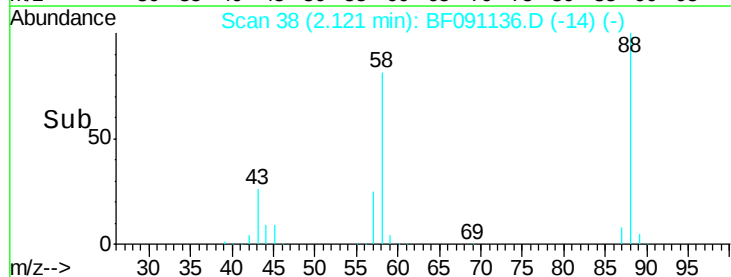
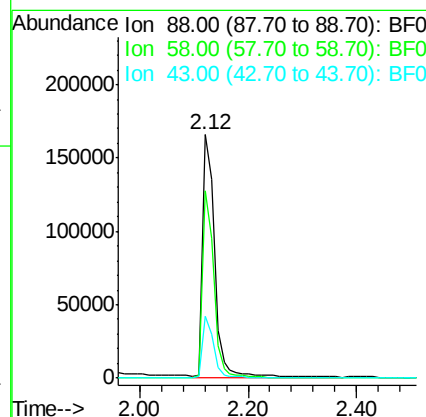
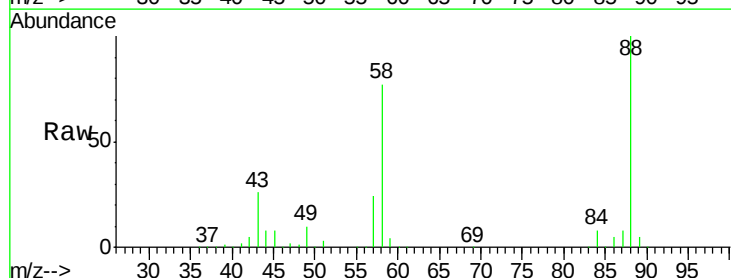
RT: 2.12 min Scan# 38

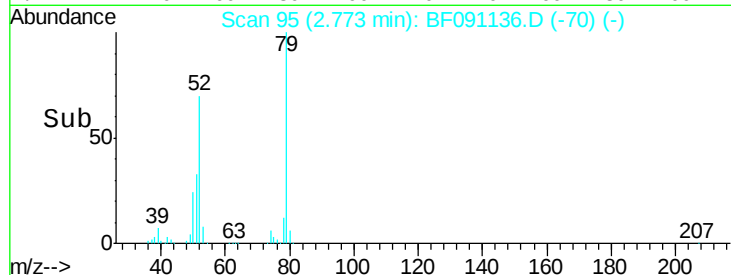
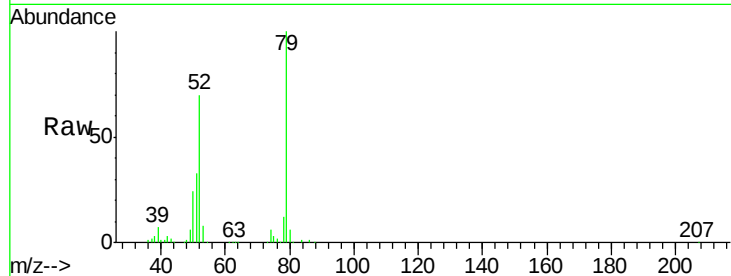
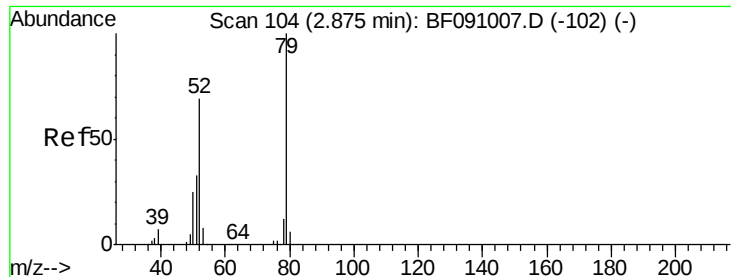
Delta R.T. -0.02 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Tgt Ion:	88	Resp:	250096
Ion Ratio	Lower	Upper	
88	100		
58	73.2	63.8	95.6
43	25.1	22.6	33.8





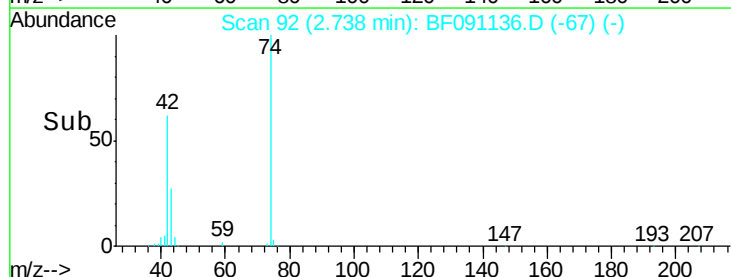
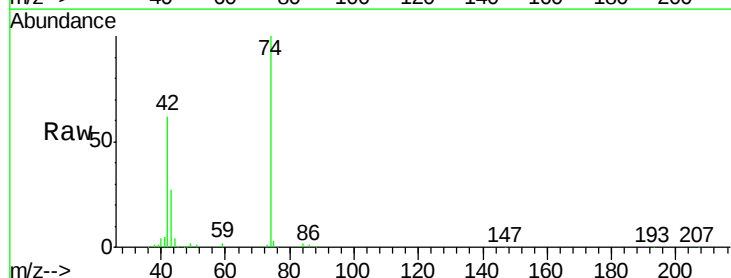
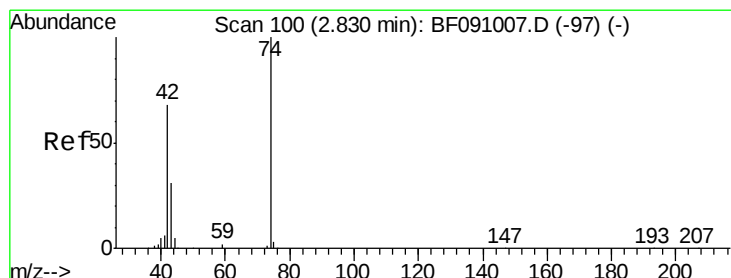
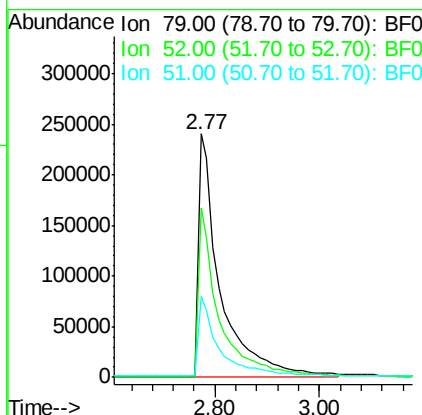
#3
 Pvridine
 Concen: 45.96 ng
 RT: 2.77 min Scan# 95
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	708353		
52	52	69.6		55.4	83.0
51	51	33.4		27.4	41.0

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

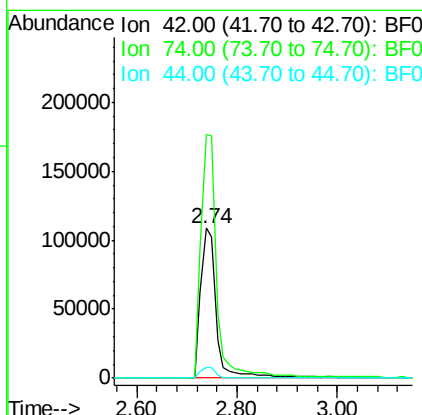
Manual Integrations
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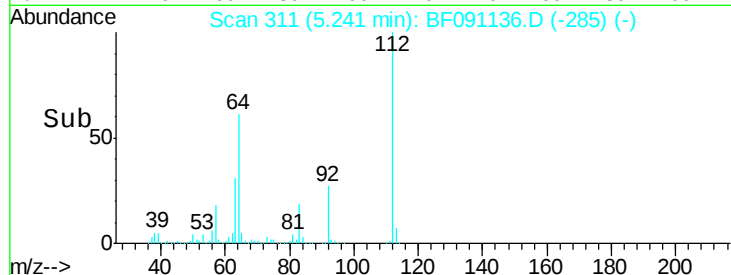
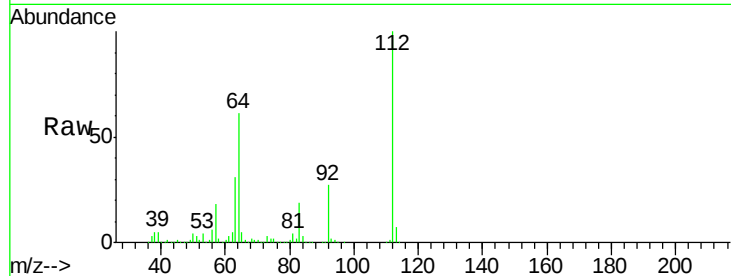
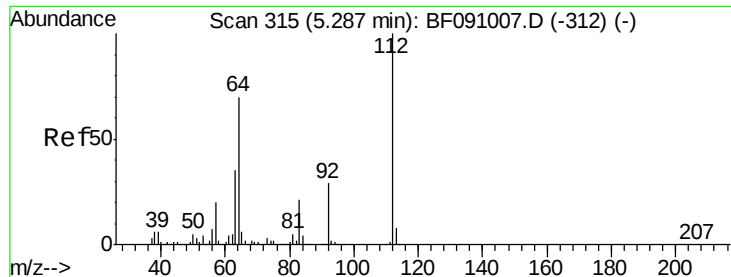
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#4
 n-Nitrosodimethylamine
 Concen: 38.97 ng
 RT: 2.74 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	237541		
74	74	162.2		117.3	175.9
44	44	7.3		5.8	8.8





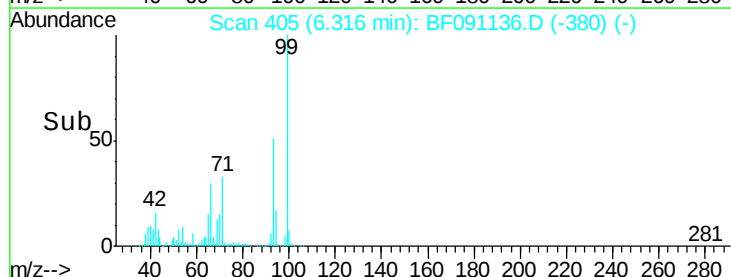
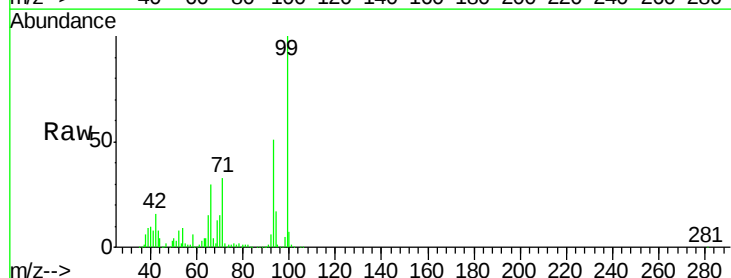
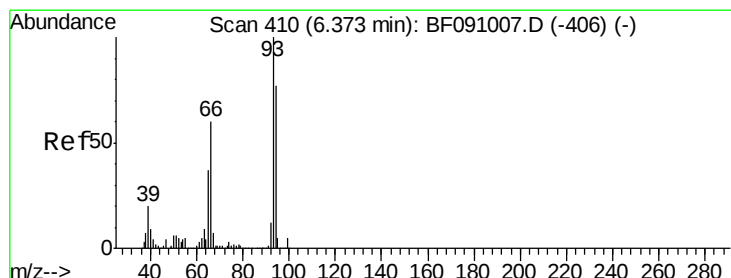
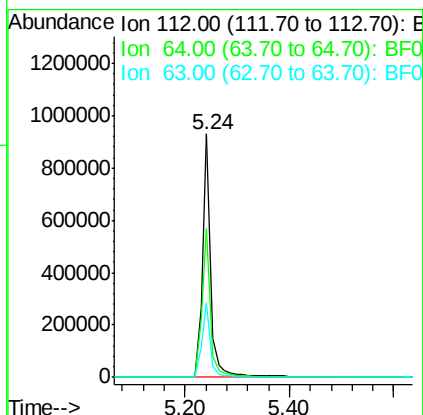
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2-Fluorophenol
Concen: 90.16 ng
RT: 5.24 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.9	55.8	83.6
63	30.7	28.0	42.0

Instrument :
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ClientSampleId :
SSTDCCC040EC

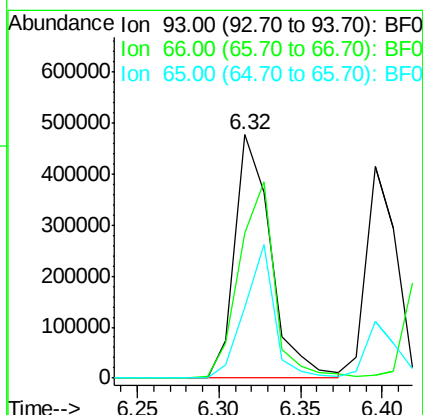
Manual Integrations
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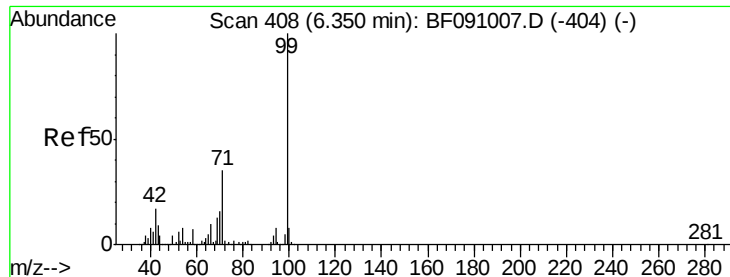
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#6
Aniline
Concen: 39.83 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
66	59.7	48.2	72.2
65	29.3	29.4	44.0





#7

Phenol-d6

Concen: 76.30 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1192599

Ion Ratio Lower Upper

99 100

42 16.5 13.9 20.9

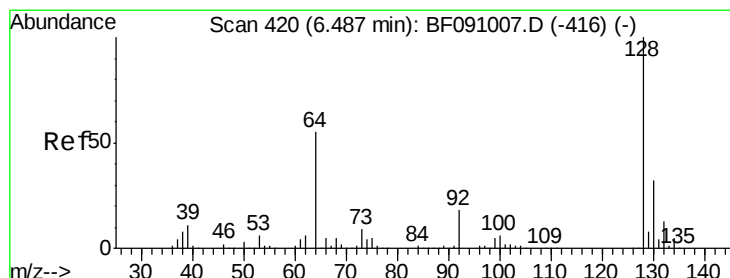
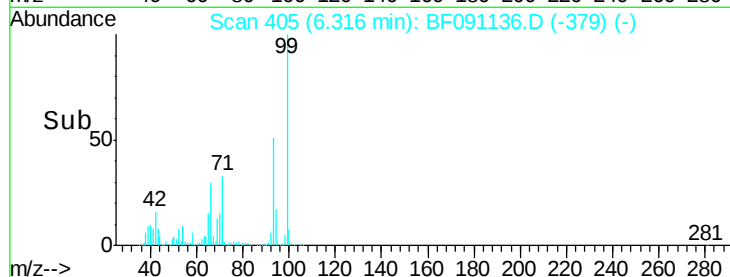
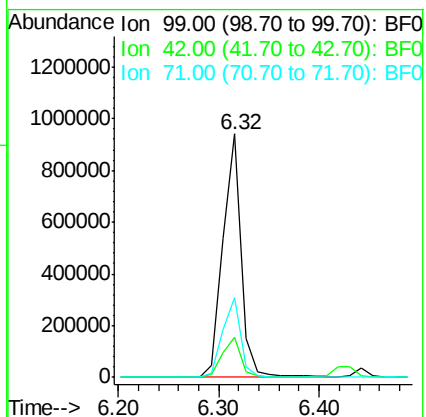
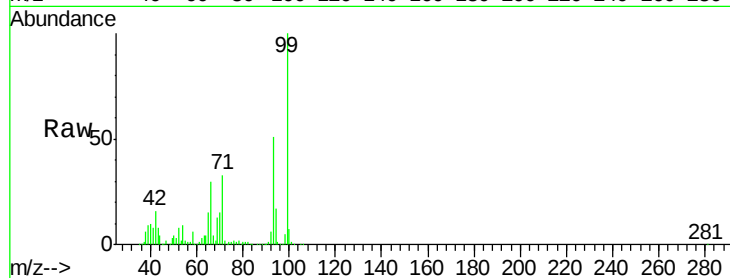
71 33.0 27.8 41.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.45 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

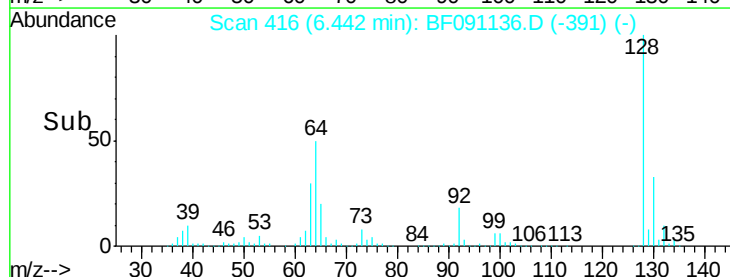
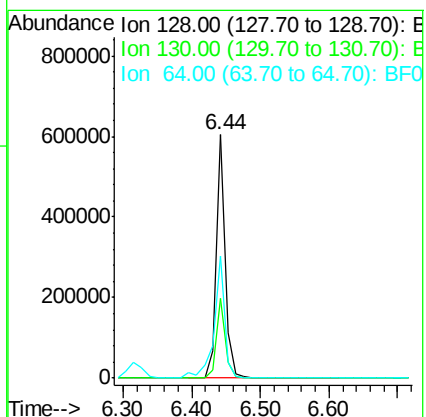
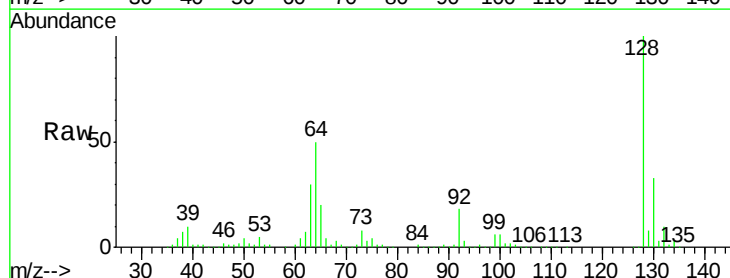
Tgt Ion: 128 Resp: 555694

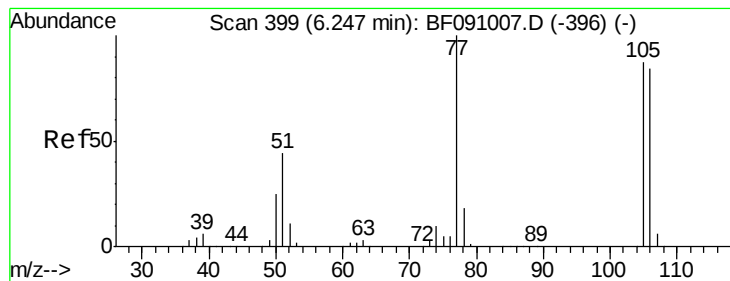
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 50.2 37.2 77.2





#9

Benzaldehyde

Concen: 38.02 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 329838

Ion Ratio Lower Upper

77 100

105 95.1 66.8 106.8

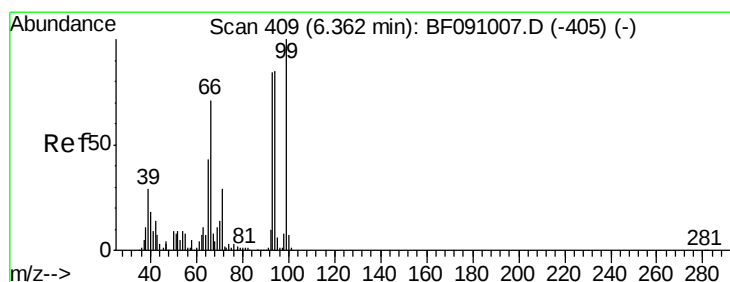
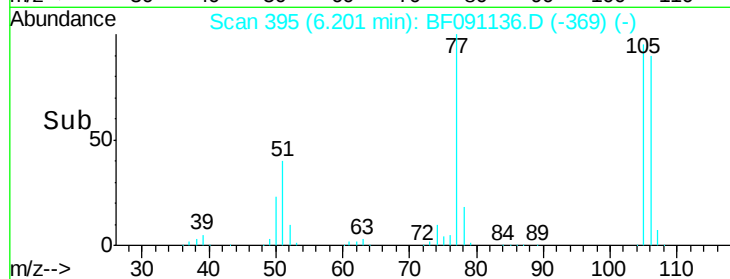
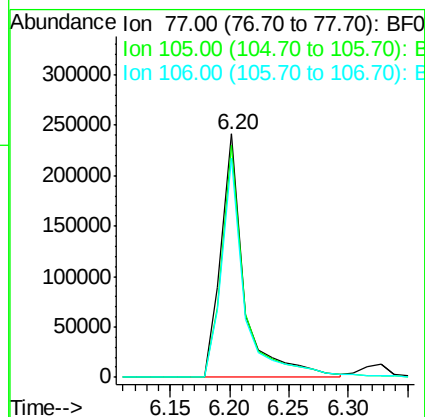
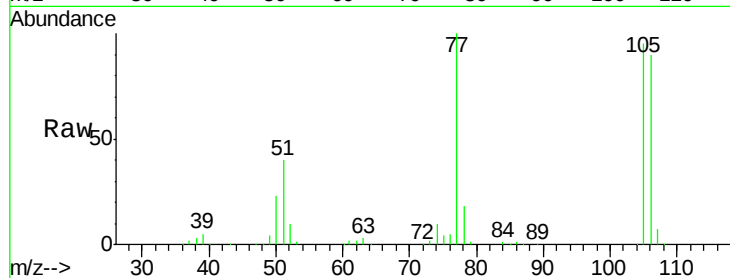
106 90.0 64.0 104.0

Manual Integrations

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#10

Phenol

Concen: 40.62 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

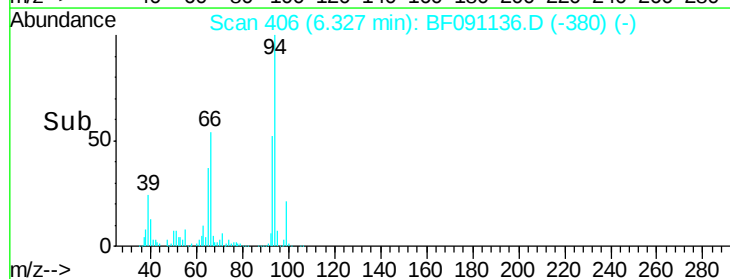
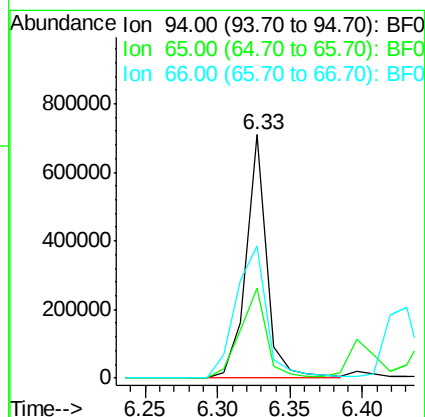
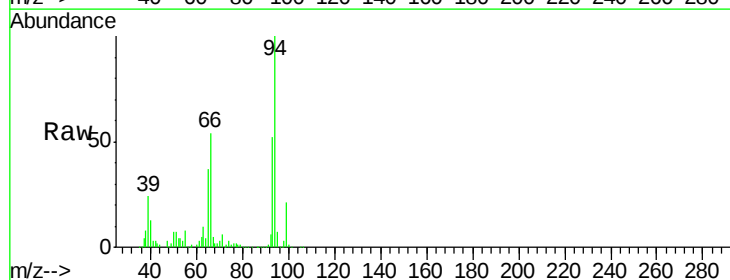
Tgt Ion: 94 Resp: 702701

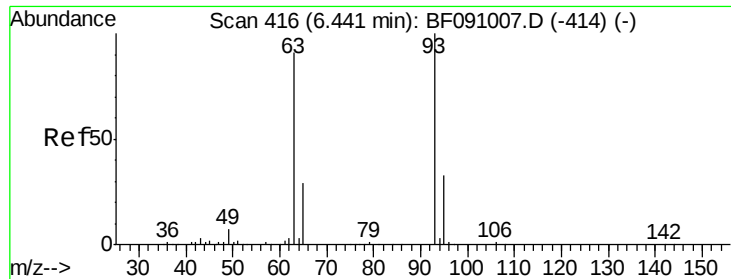
Ion Ratio Lower Upper

94 100

65 36.9 30.4 70.4

66 54.2 62.9 102.9#





#11

bis(2-Chloroethyl)ether

Concen: 38.90 ng

RT: 6.40 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

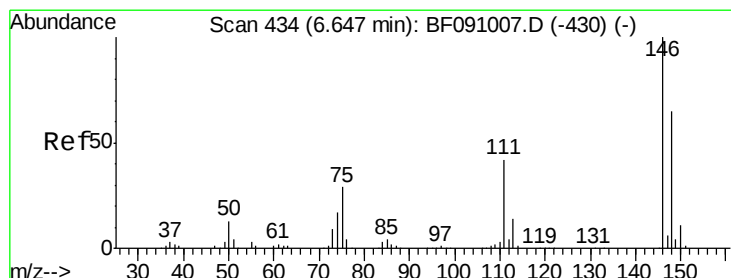
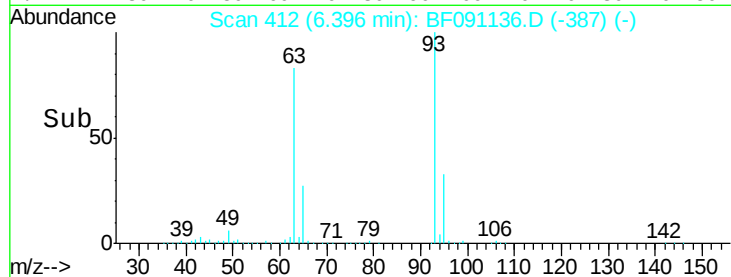
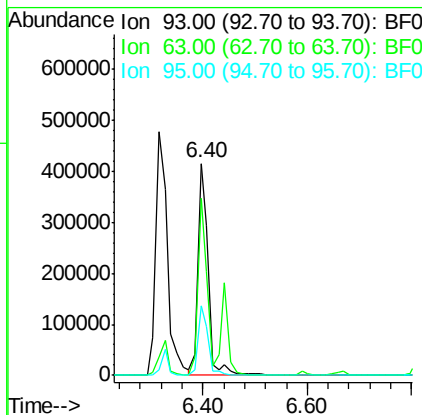
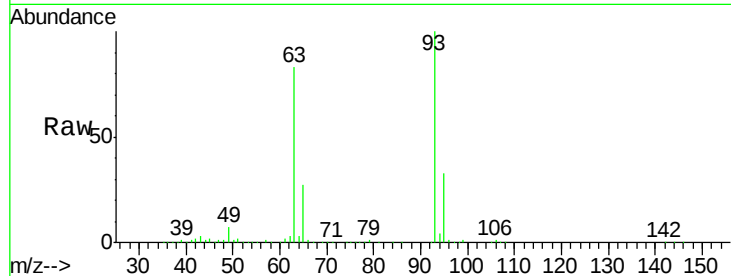
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	567097
Ion	Ratio	Lower	Upper
93	100		
63	83.4	68.9	108.9
95	32.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 40.13 ng m

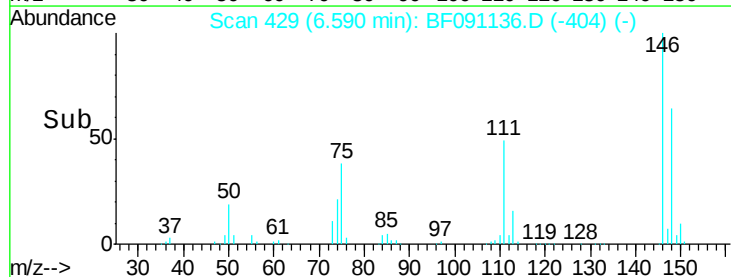
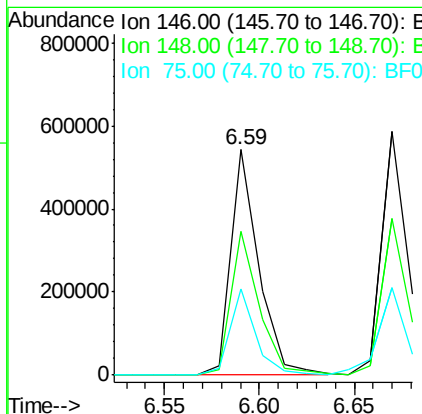
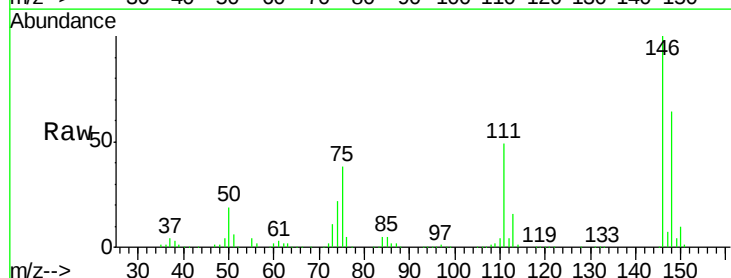
RT: 6.59 min Scan# 429

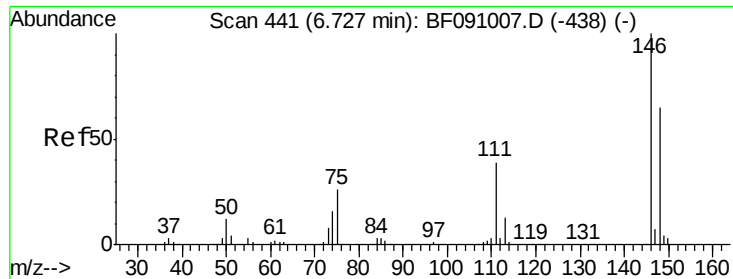
Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Tgt Ion:	146	Resp:	557518
Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
75	38.0	23.0	34.6#





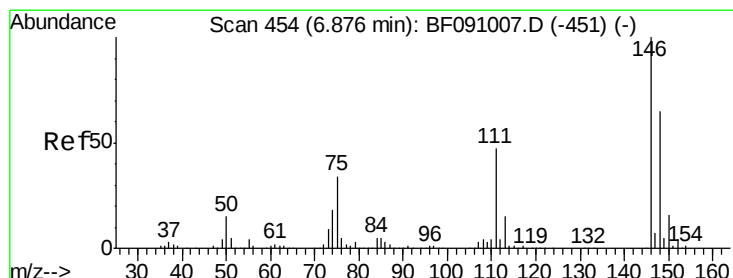
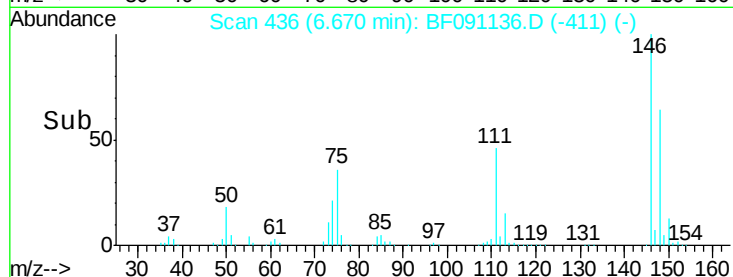
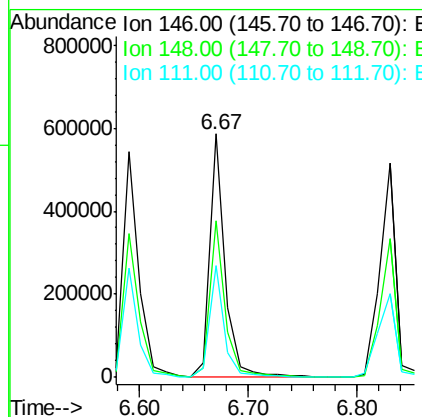
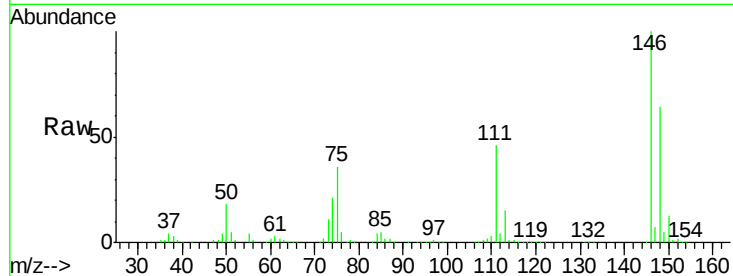
#13
 1,4-Dichlorobenzene
 Concen: 39.23 ng
 RT: 6.67 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
111	46.1	31.6	47.4

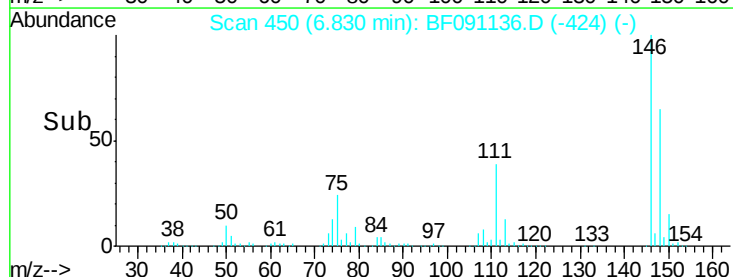
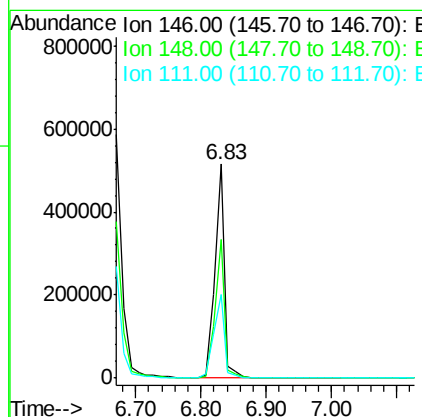
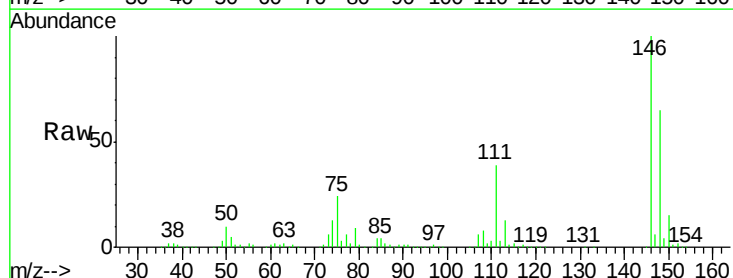
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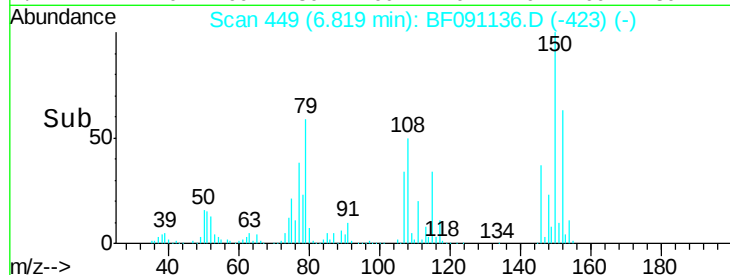
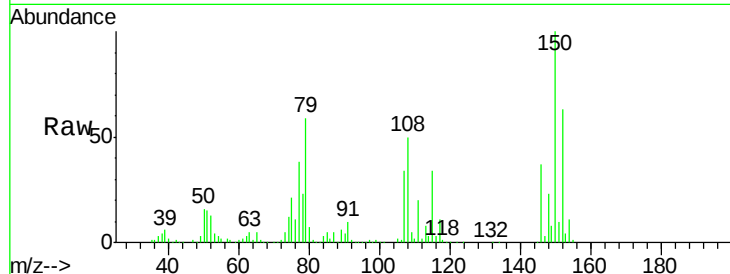
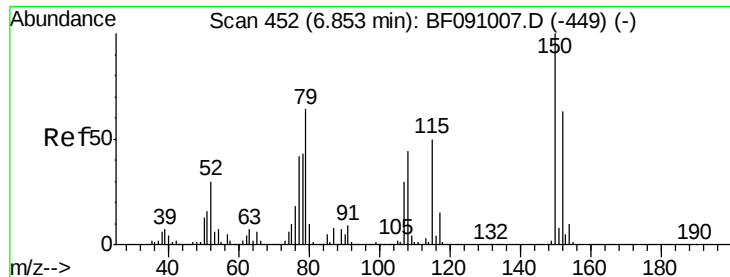
Sohil
 11/10/2016 8:39:39 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.02 ng
 RT: 6.83 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
111	39.3	37.3	55.9





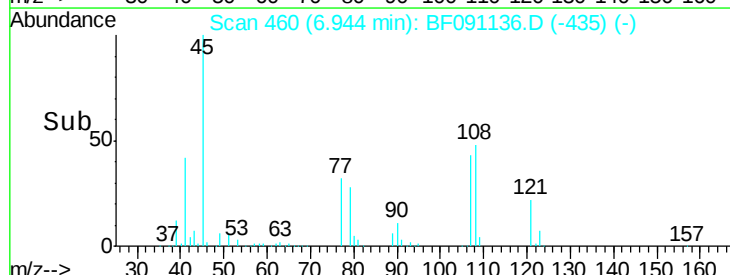
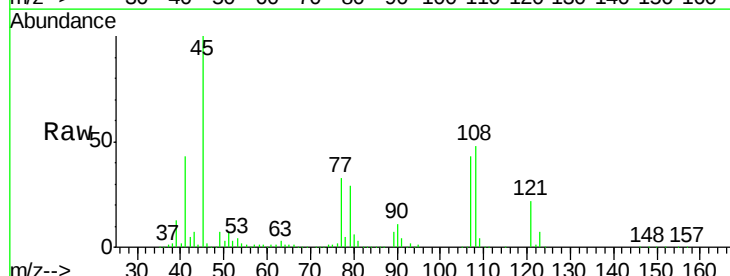
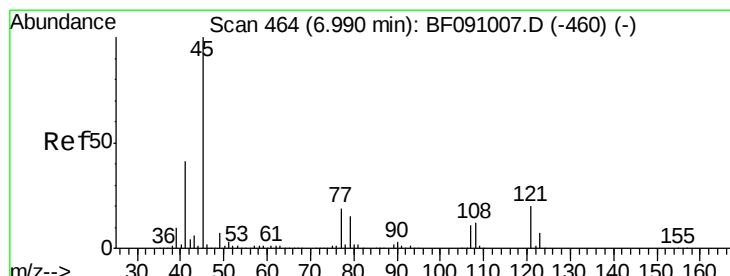
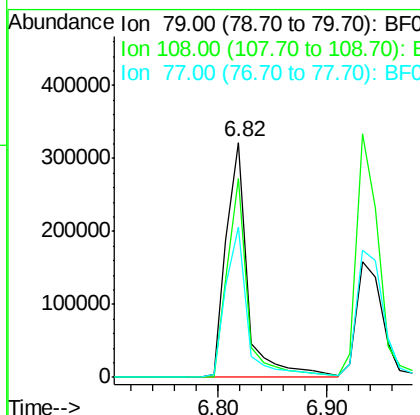
#15
Benzyl Alcohol
Concen: 40.26 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tot Ion: 79 Resp: 443893
Ion Ratio Lower Upper
79 100
108 84.6 55.7 83.5#
77 64.0 52.6 79.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

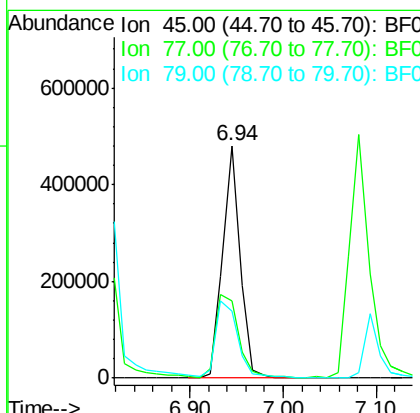
Manual Integrations
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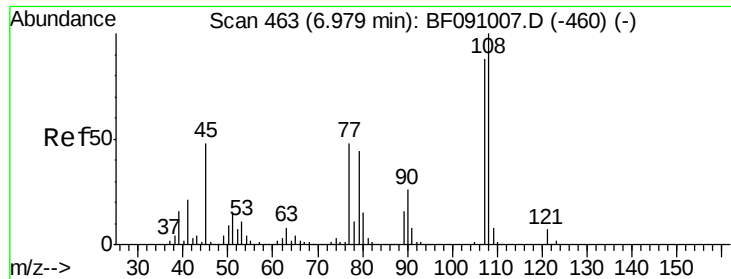
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.26 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion: 45 Resp: 631656
Ion Ratio Lower Upper
45 100
77 33.4 0.0 39.6
79 28.7 0.0 35.9





#17

2-Methylphenol

Concen: 37.38 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

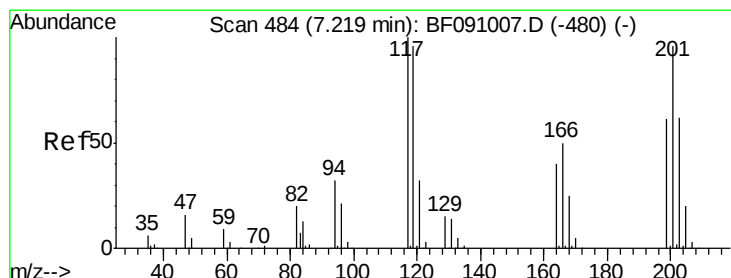
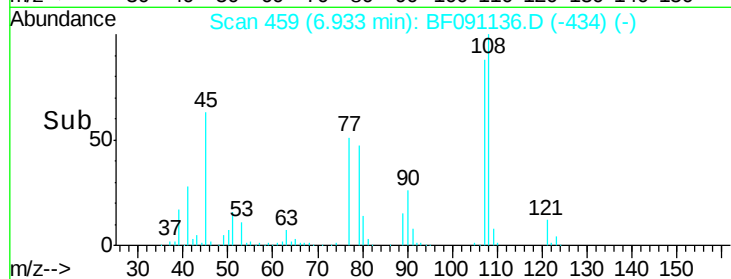
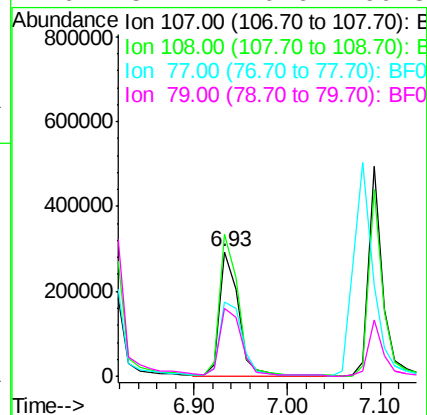
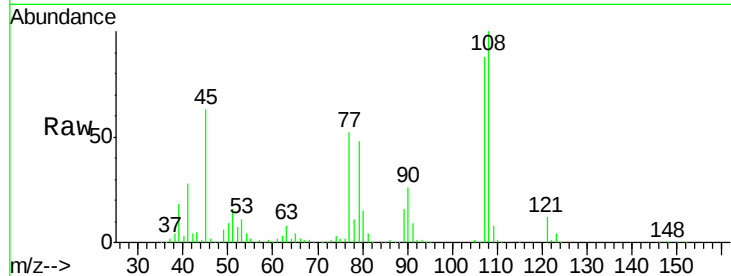
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	406482
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.0	136.6
77	59.2	43.8	65.8
79	54.1	40.6	60.8

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#18

Hexachloroethane

Concen: 35.92 ng

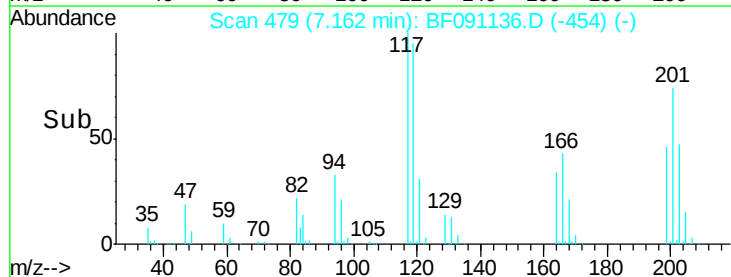
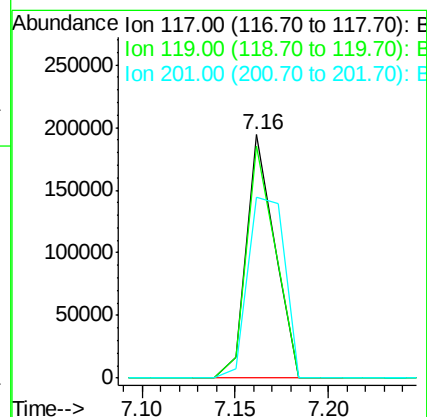
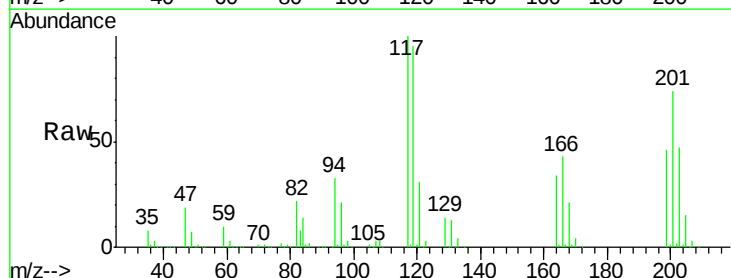
RT: 7.16 min Scan# 479

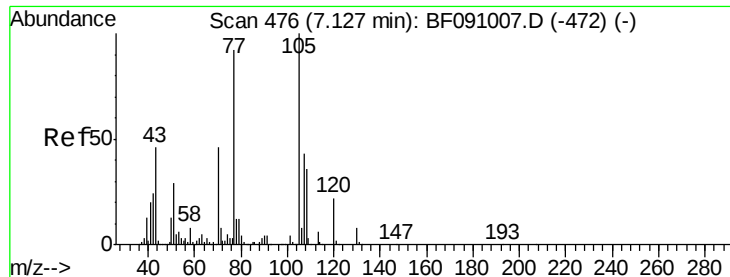
Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Tgt Ion:	117	Resp:	207208
Ion Ratio	Lower	Upper	
117	100		
119	95.3	76.6	115.0
201	74.1	77.1	115.7#





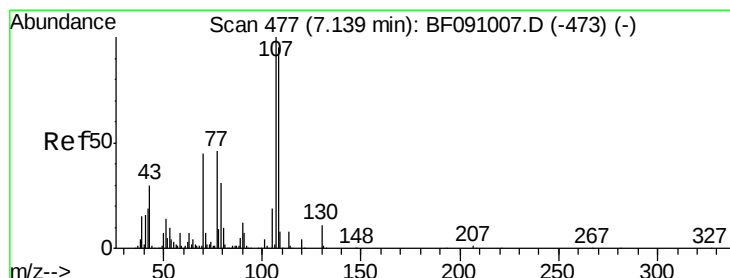
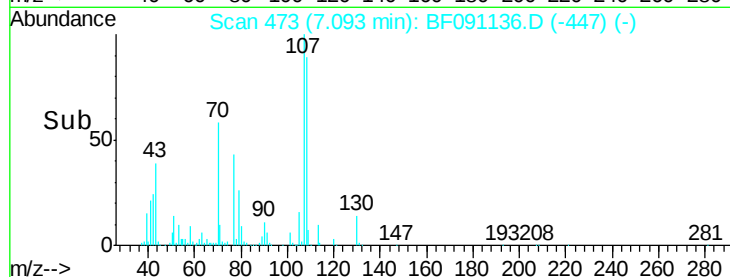
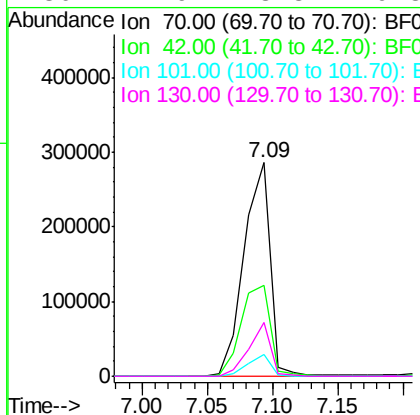
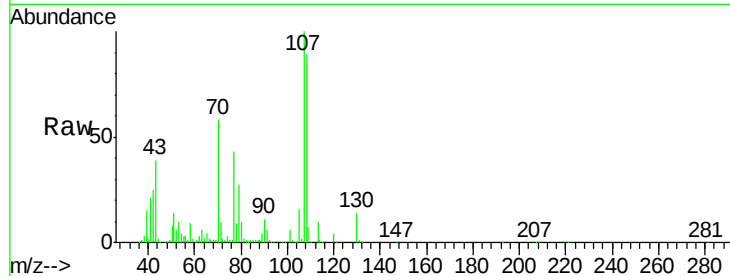
#19
n-Nitroso-di-n-propylamine
Concen: 36.94 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.6	41.7	62.5	
101	10.3	6.7	10.1#	
130	24.9	13.8	20.8#	

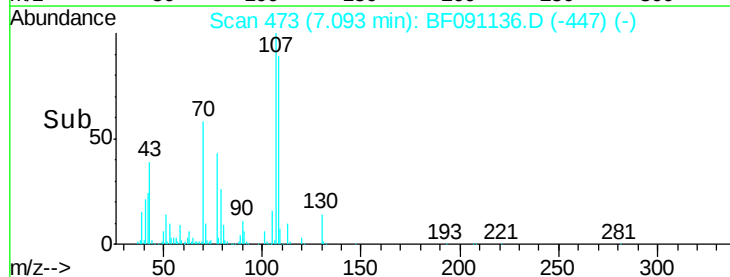
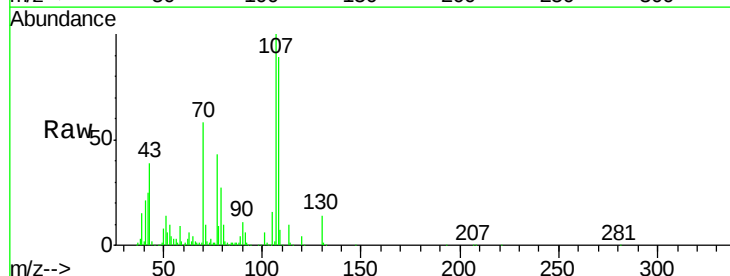
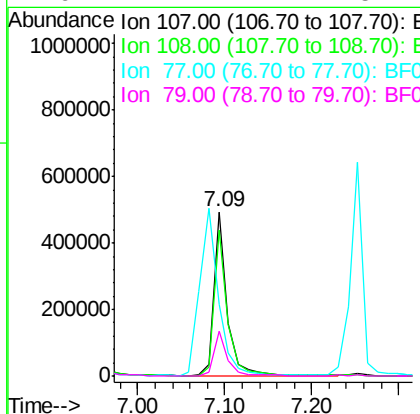
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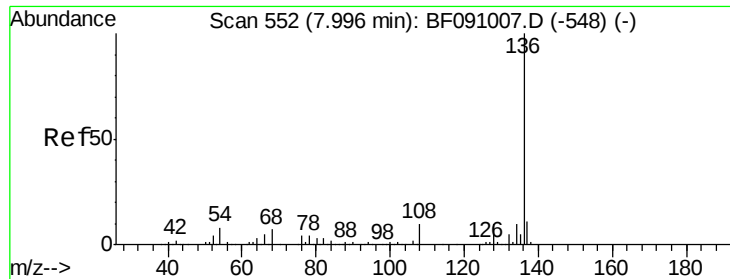
Sohil
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#20
3+4-Methylphenols
Concen: 40.37 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	75.5	115.5	
77	43.5	26.4	66.4	
79	27.1	11.1	51.1	





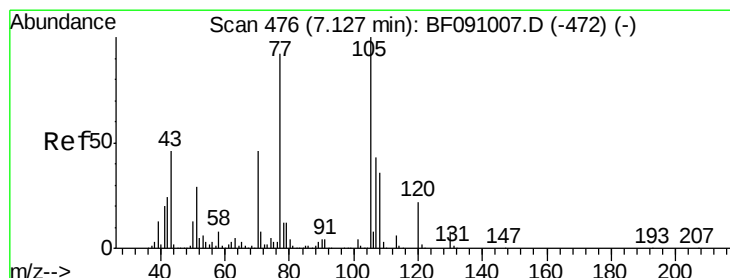
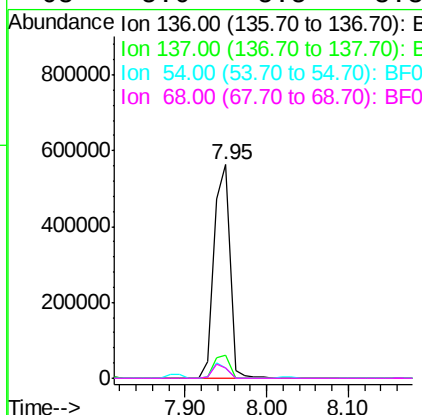
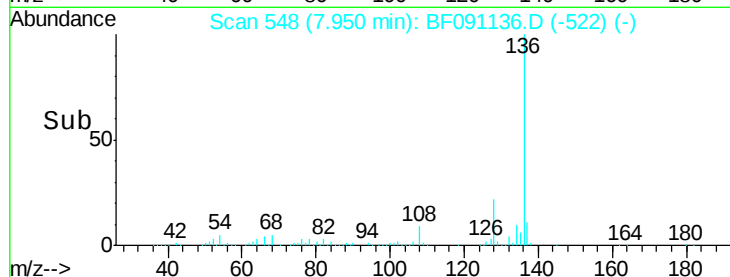
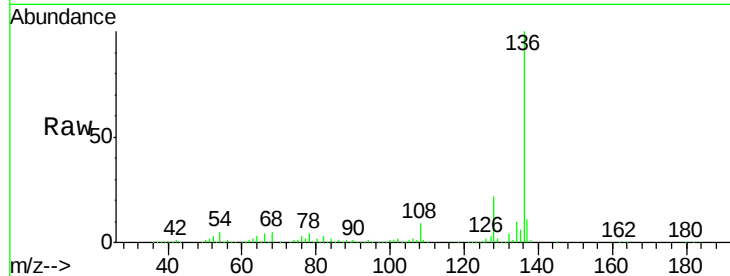
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		765209		
137	10.7	8.9	13.3		
54	5.1	6.2	9.2#		
68	5.0	5.5	8.3#		

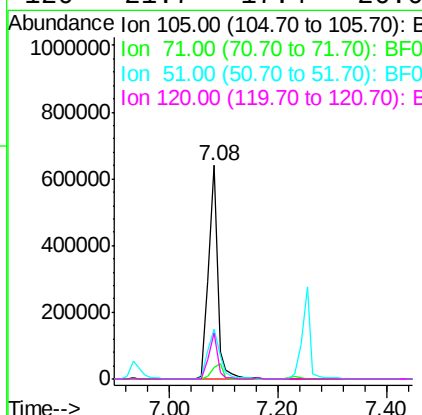
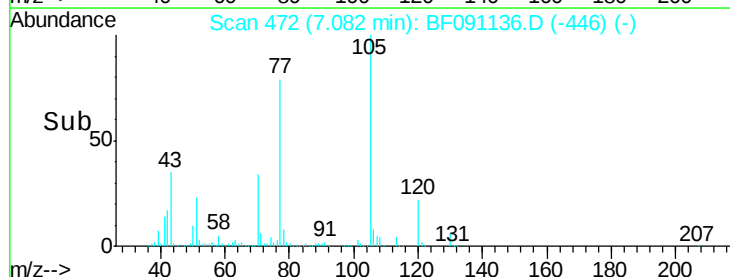
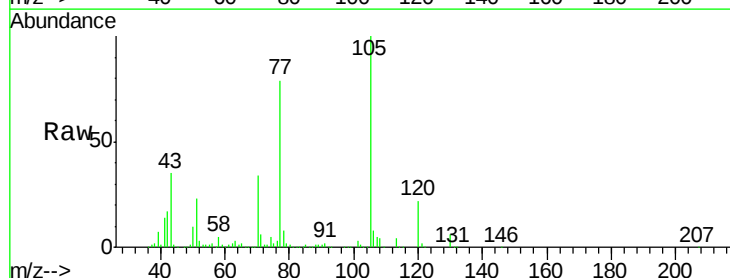
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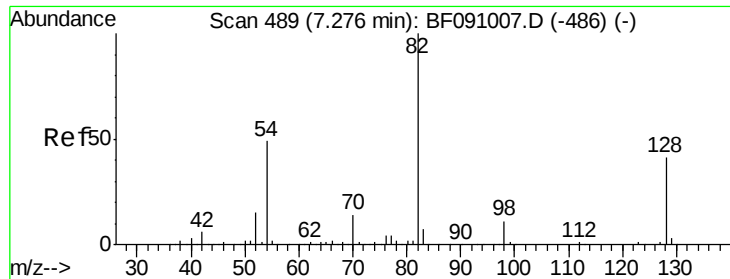
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#22
Acetophenone
Concen: 42.66 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		751617		
71	5.7	6.2	9.2#		
51	23.5	23.3	34.9		
120	21.7	17.4	26.0		





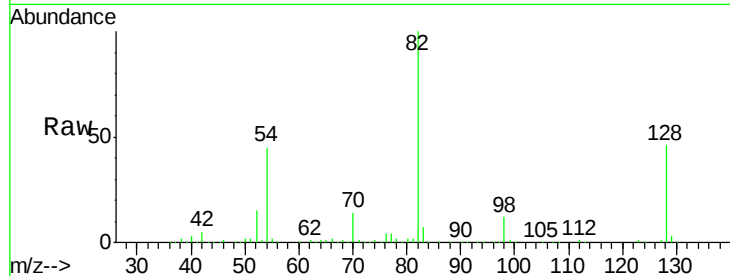
#23
 Nitrobenzene-d5
 Concen: 70.81 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

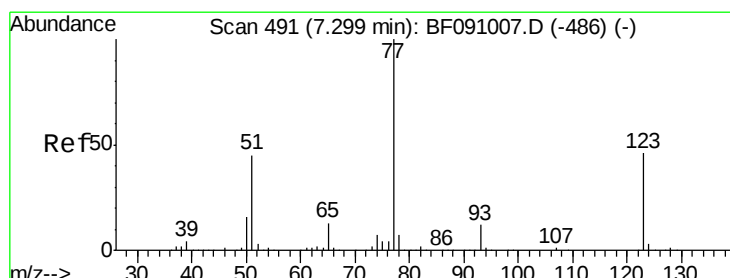
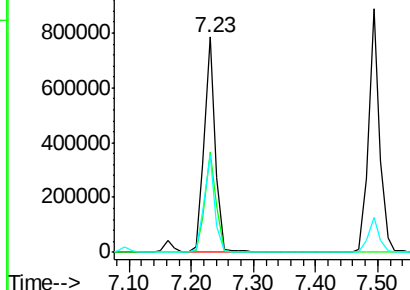
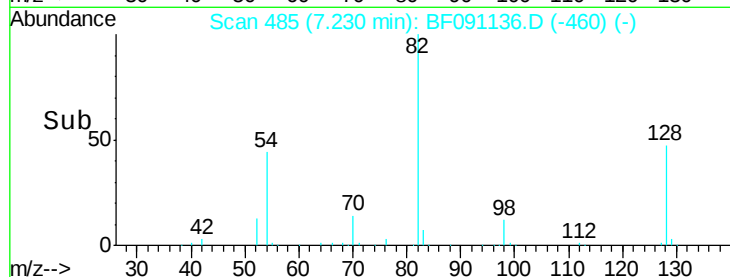
Tot Ion	Ratio	Resp	Lower	Upper
82	100	993256		
128	46.4		32.4	48.6
54	45.3		39.2	58.8

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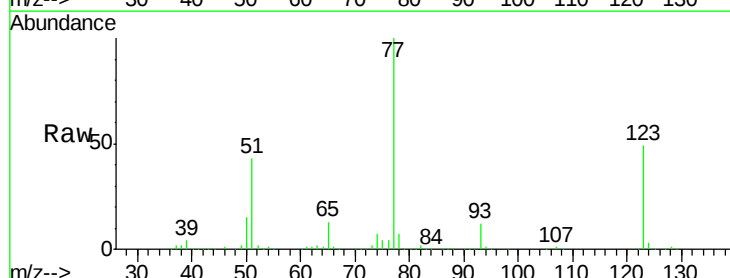


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

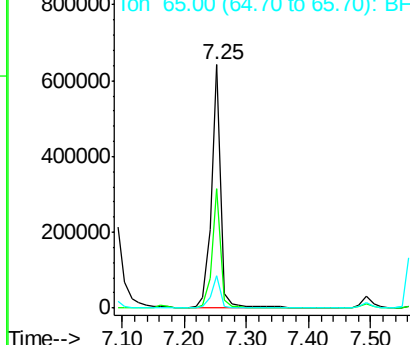
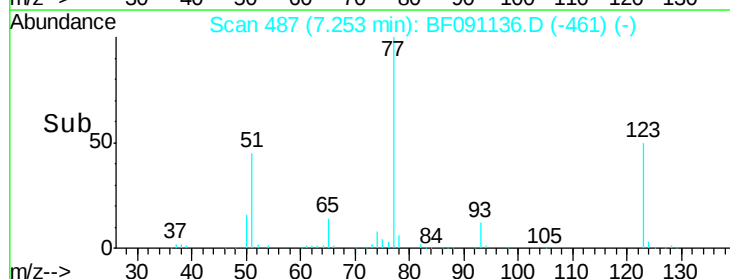


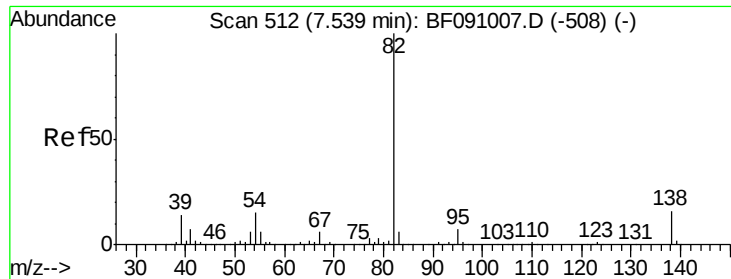
#24
 Nitrobenzene
 Concen: 42.36 ng
 RT: 7.25 min Scan# 487
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	656302		
123	49.3		36.5	54.7
65	13.1		10.7	16.1



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





#25

Isophorone

Concen: 39.67 ng

RT: 7.49 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1072158

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

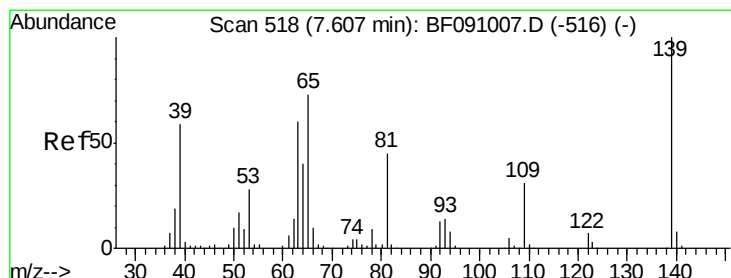
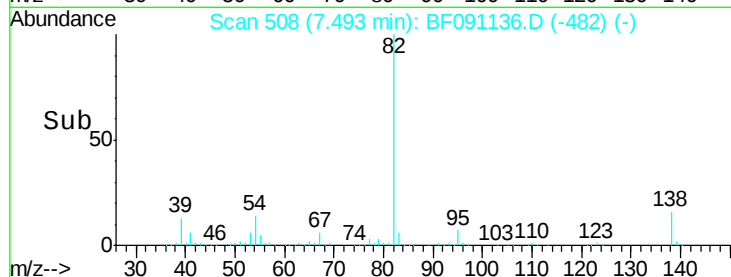
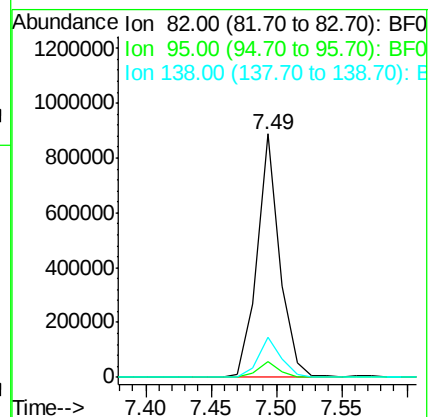
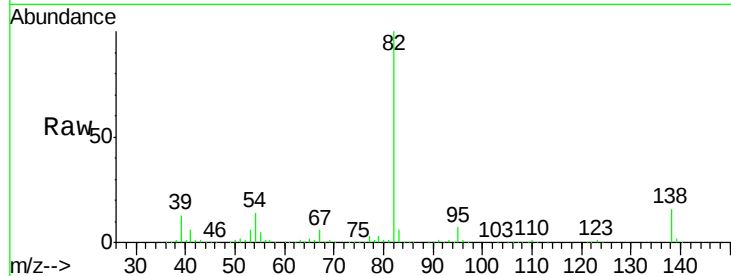
138 16.5 13.0 19.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.58 ng

RT: 7.56 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

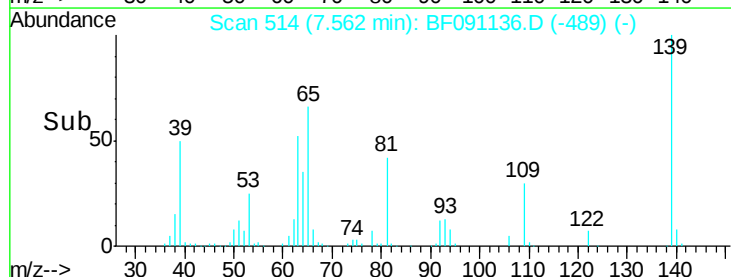
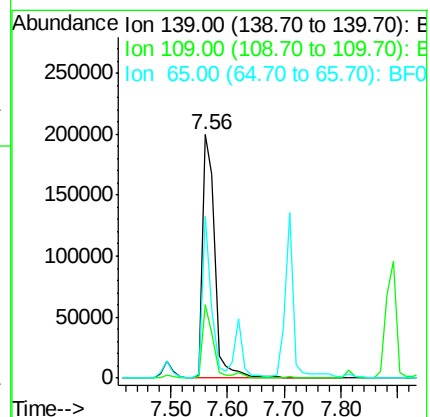
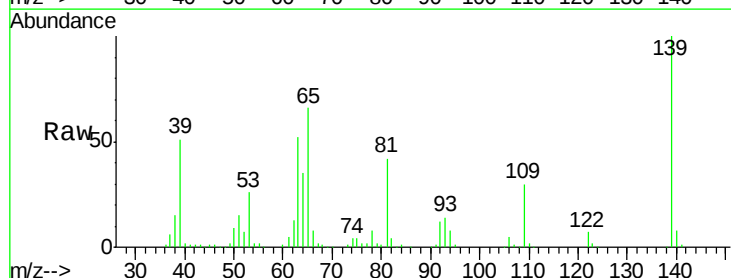
Tgt Ion: 139 Resp: 292283

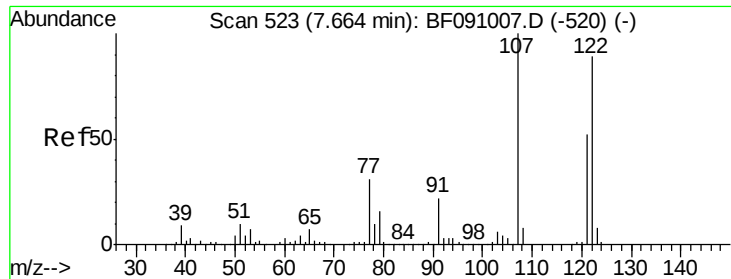
Ion Ratio Lower Upper

139 100

109 29.9 24.7 37.1

65 66.4 58.3 87.5





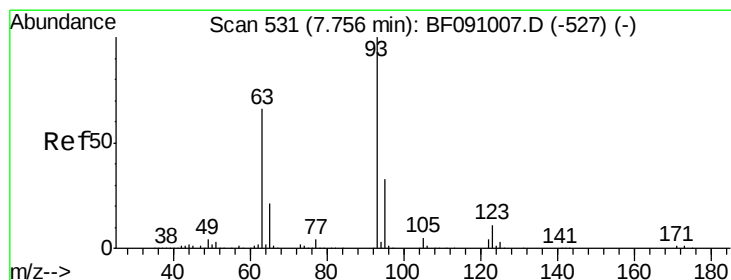
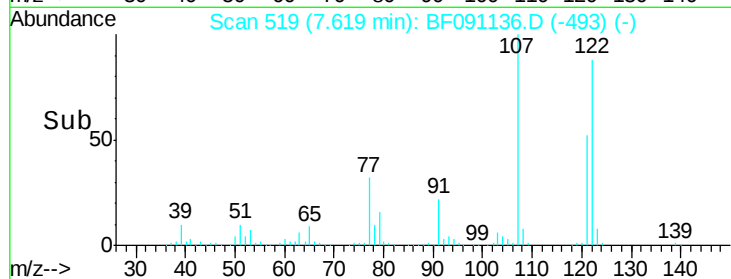
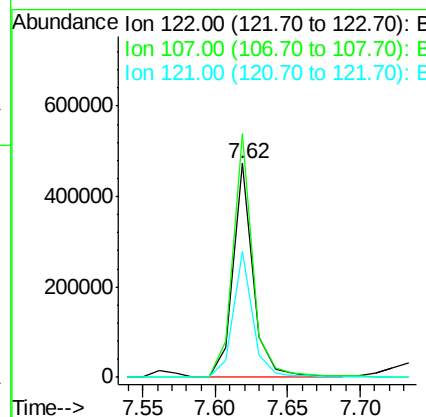
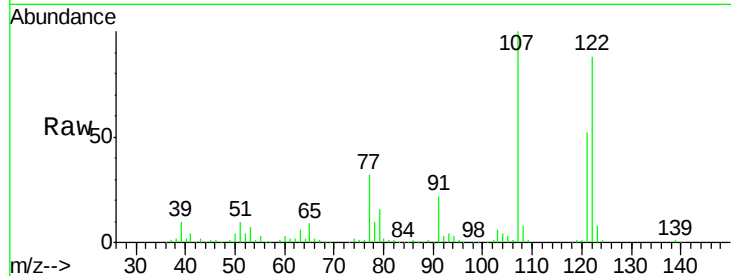
#27
2,4-Dimethylphenol
Concen: 41.44 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.6	134.4
121	58.9	46.3	69.5

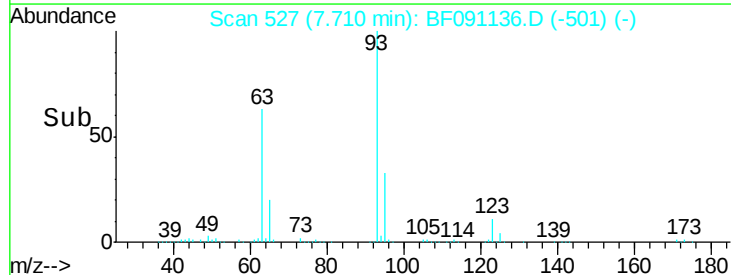
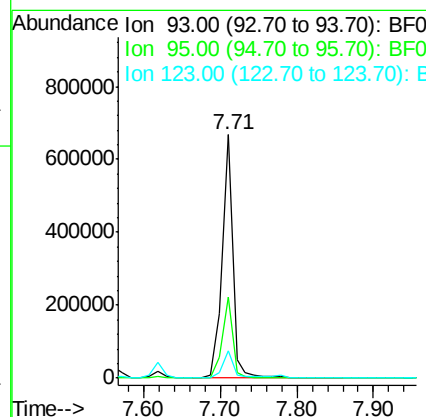
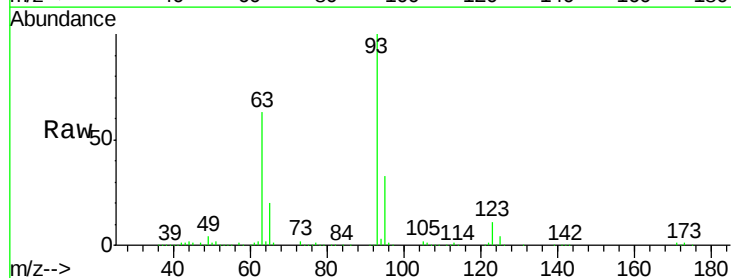
Manual Integrations
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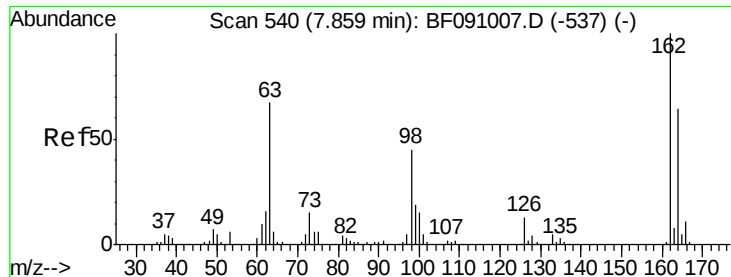
Sohil
11/10/2016 8:39:39 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.47 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.3	8.7	13.1





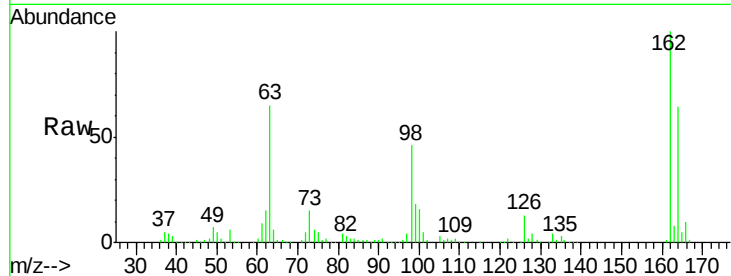
#29
2,4-Dichlorophenol
Concen: 43.64 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

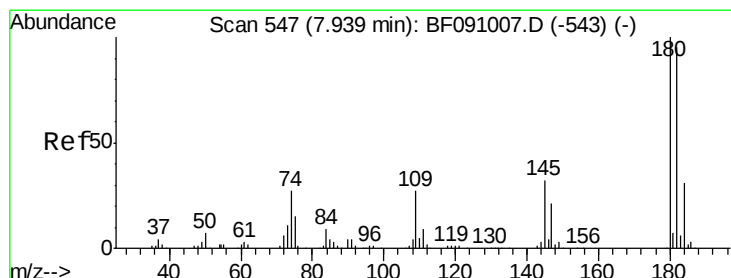
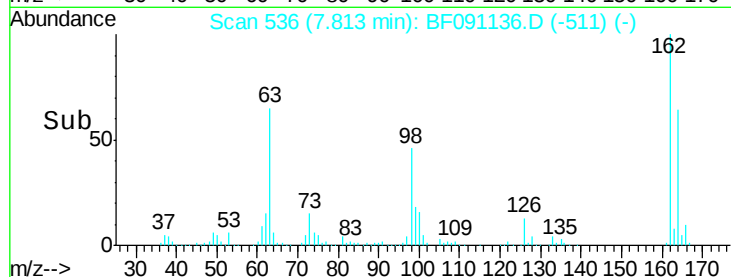
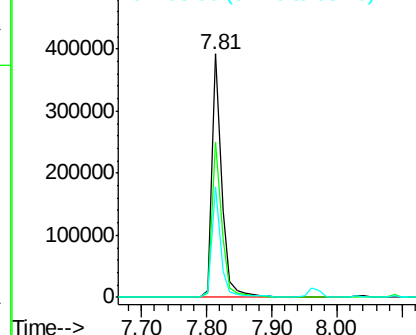
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.4	84.4
98	45.6	25.2	65.2

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Sohil
11/10/2016 8:39:39 AM

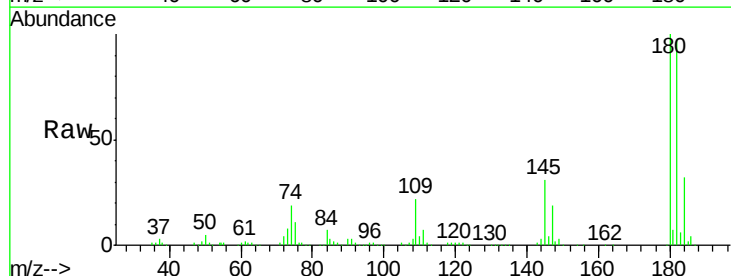


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

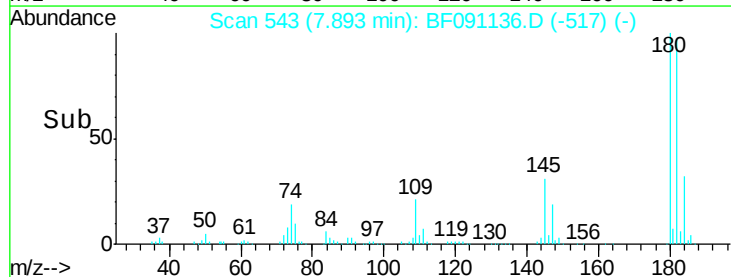
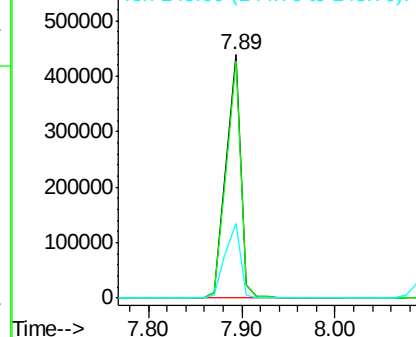


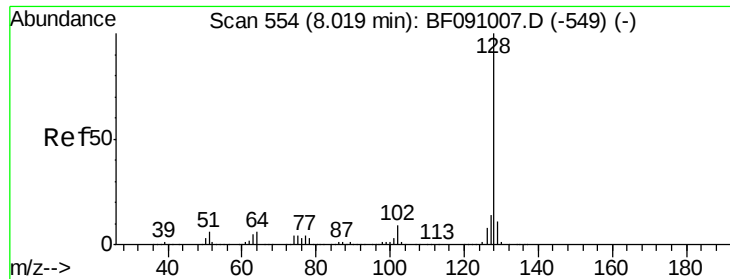
#30
1,2,4-Trichlorobenzene
Concen: 44.89 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.0	114.0
145	30.5	25.8	38.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





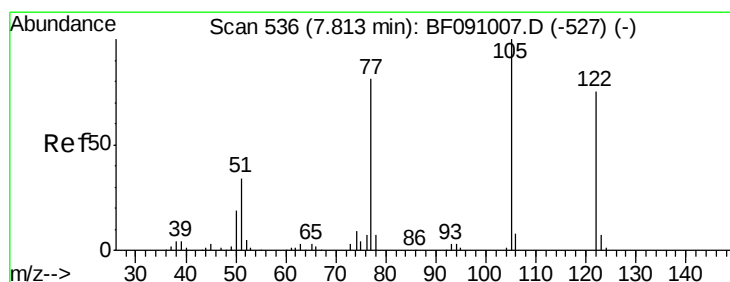
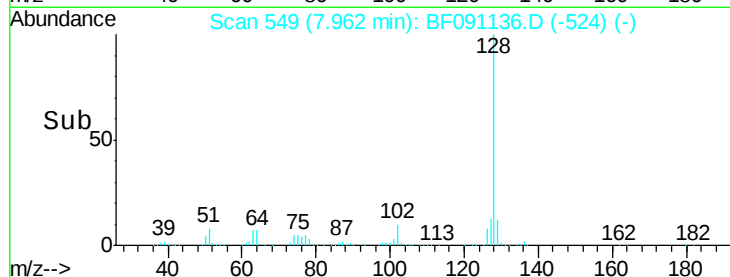
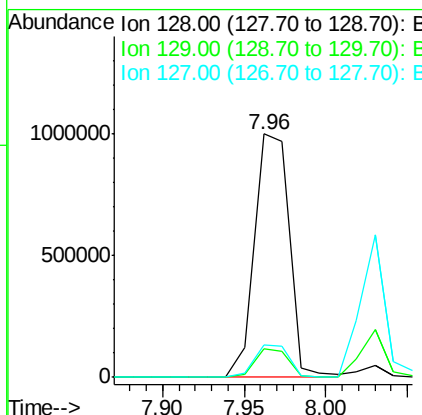
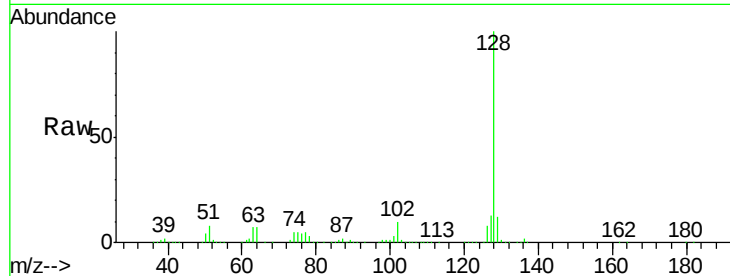
#31
Naphthalene
Concen: 40.41 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.3	10.9	16.3

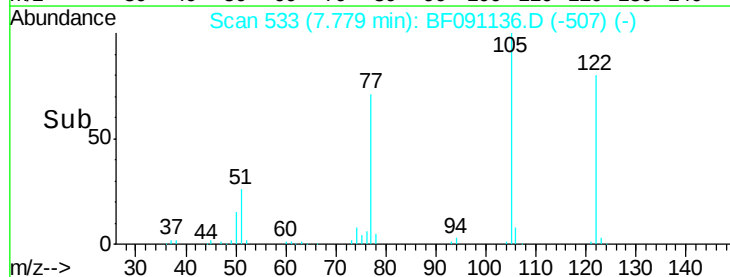
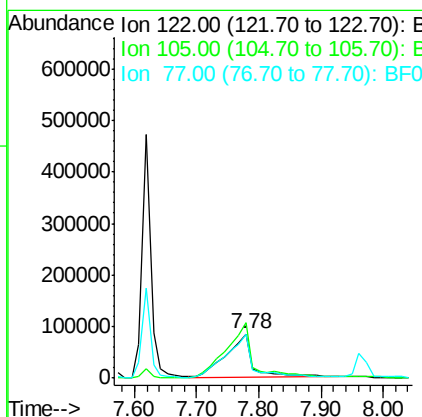
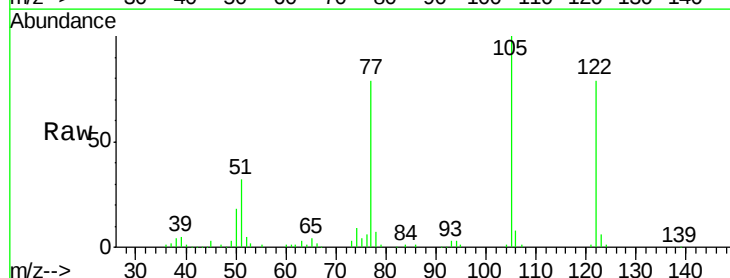
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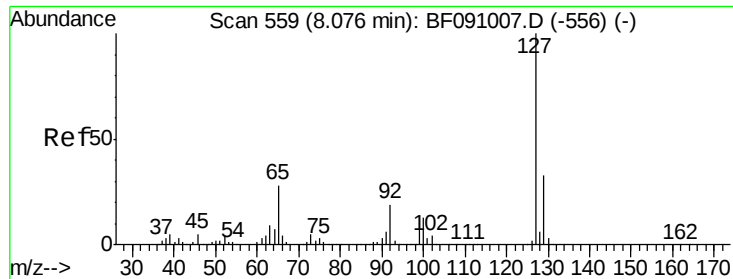
Sohil
11/10/2016 8:39:39 AM



#32
Benzoic acid
Concen: 31.83 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	105.9	145.9
77	99.6	84.0	124.0





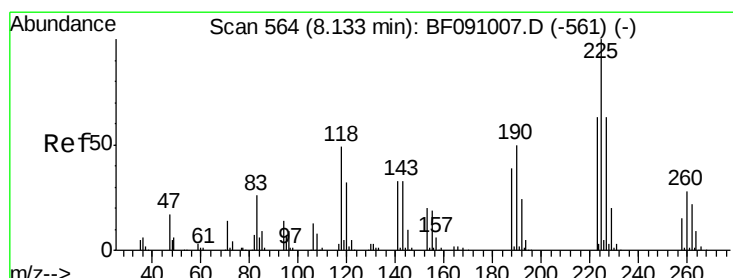
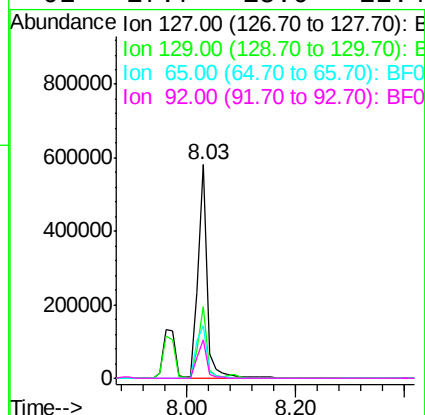
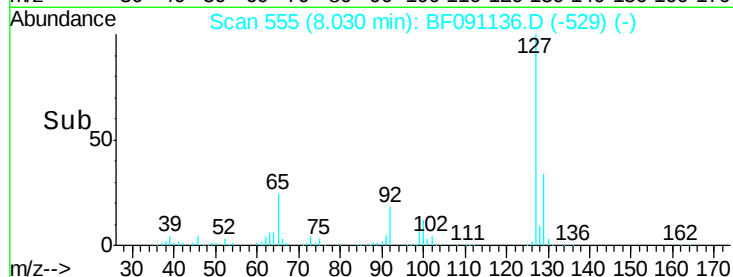
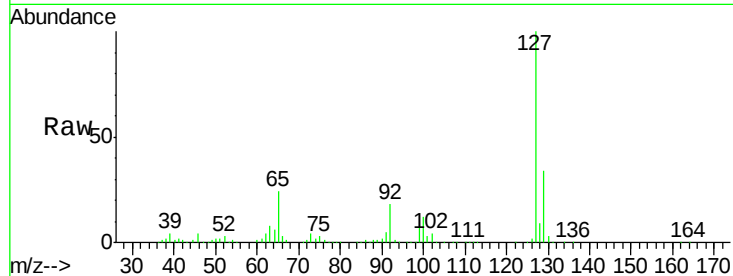
#33
4-Chloroaniline
Concen: 43.14 ng
RT: 8.03 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.6	39.8		
65	24.5	22.2	33.2		
92	17.7	15.0	22.4		

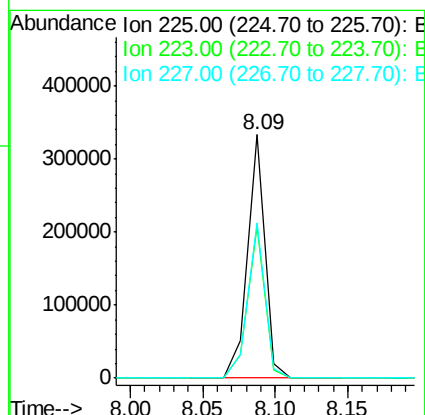
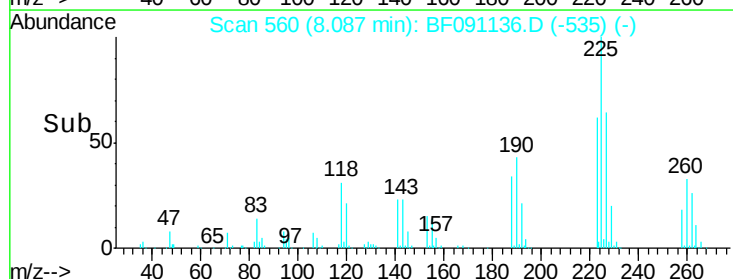
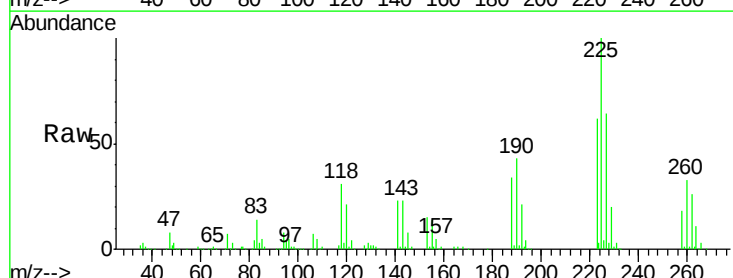
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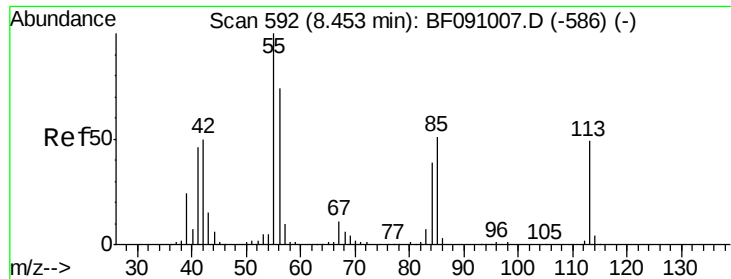
Sohil
11/10/2016 8:39:39 AM



#34
Hexachlorobutadiene
Concen: 48.59 ng
RT: 8.09 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	50.4	75.6		
227	63.9	50.1	75.1		





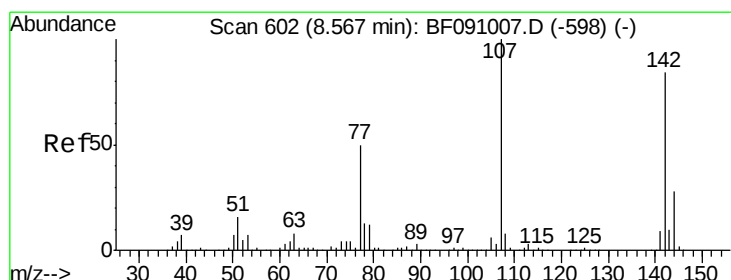
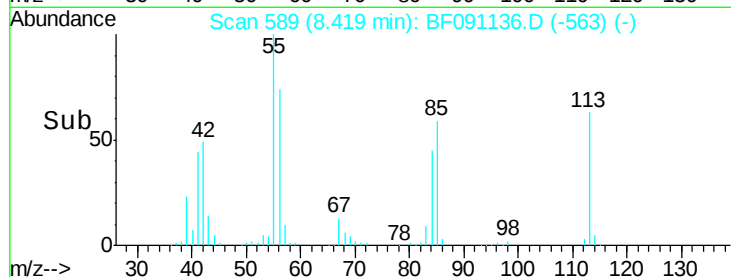
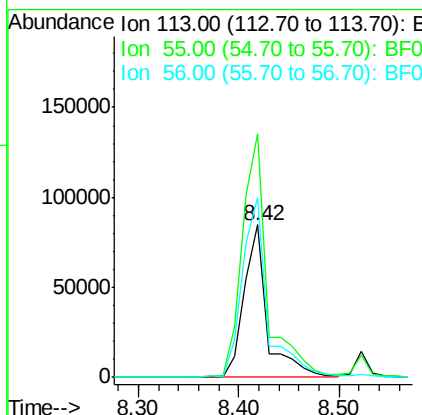
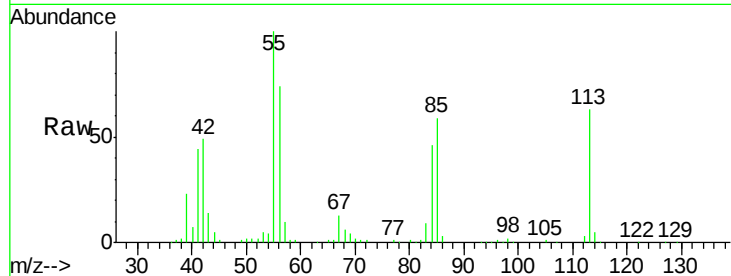
#35
Caprolactam
Concen: 45.71 ng
RT: 8.42 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 135884
Ion Ratio Lower Upper
113 100
55 159.6 184.1 224.1#
56 118.0 132.0 172.0#

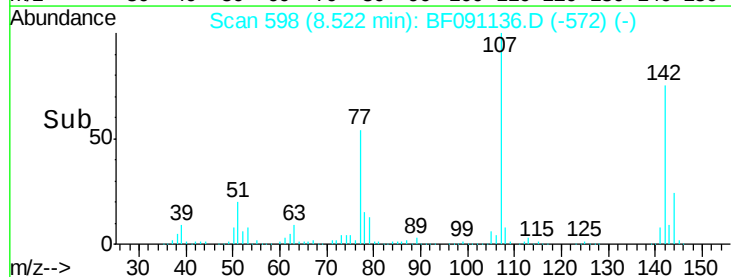
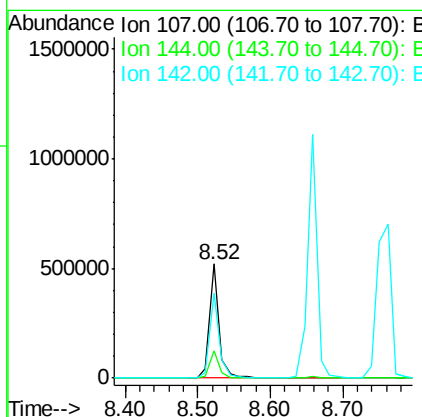
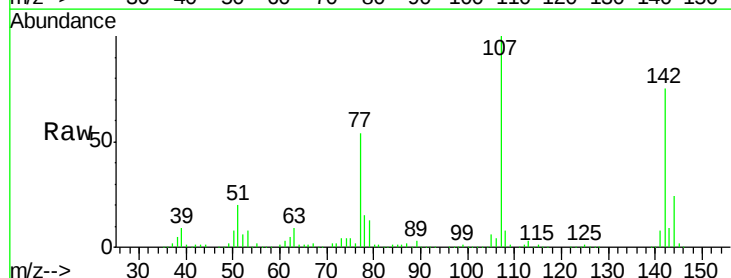
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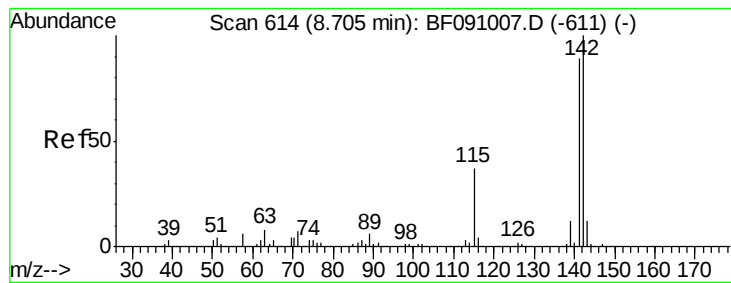
Sohil
11/10/2016 8:39:39 AM



#36
4-Chloro-3-methylphenol
Concen: 41.53 ng
RT: 8.52 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion:107 Resp: 475710
Ion Ratio Lower Upper
107 100
144 24.2 22.5 33.7
142 74.8 67.4 101.2





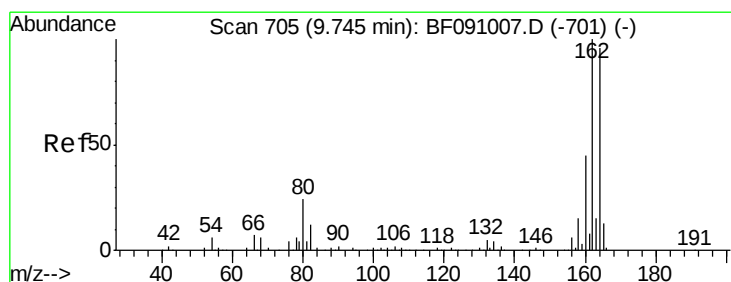
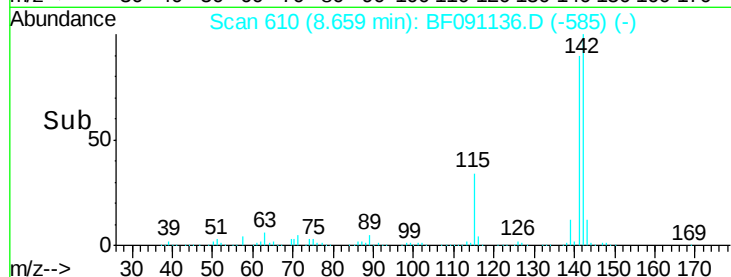
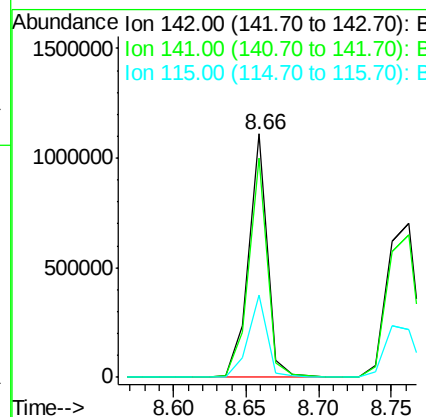
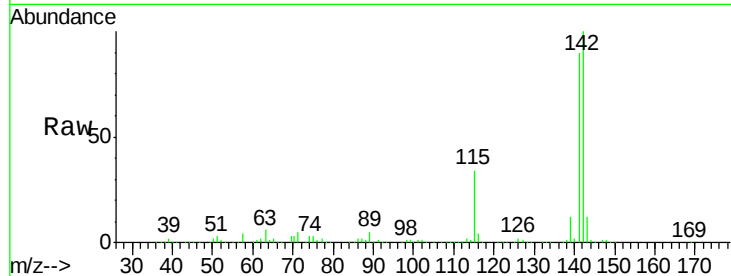
#37
2-Methylnaphthalene
Concen: 42.41 ng
RT: 8.66 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	34.1	29.9	44.9

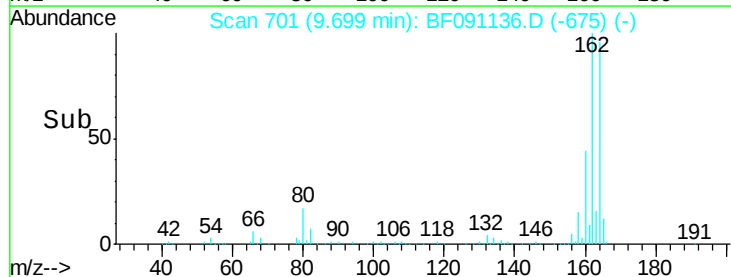
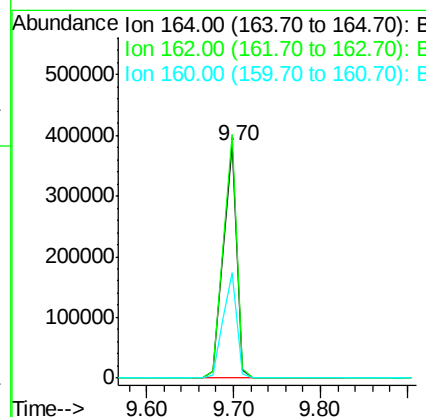
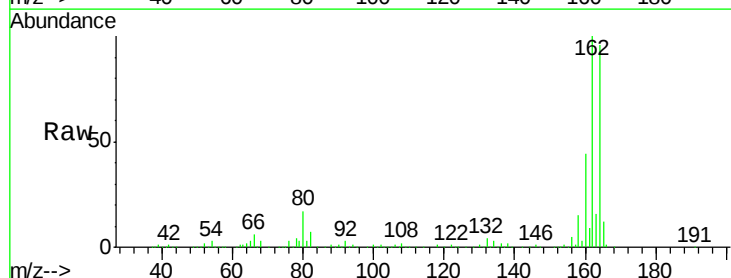
Manual Integrations
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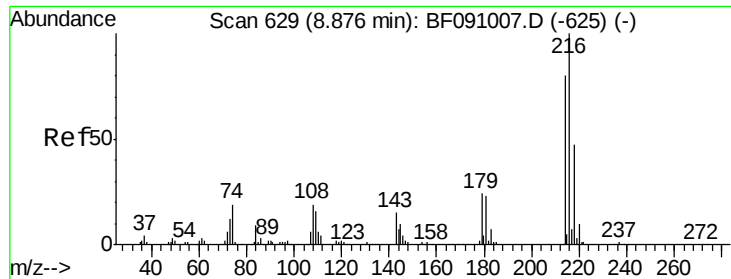
Sohil
11/10/2016 8:39:39 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.6	125.4
160	45.5	37.9	56.9





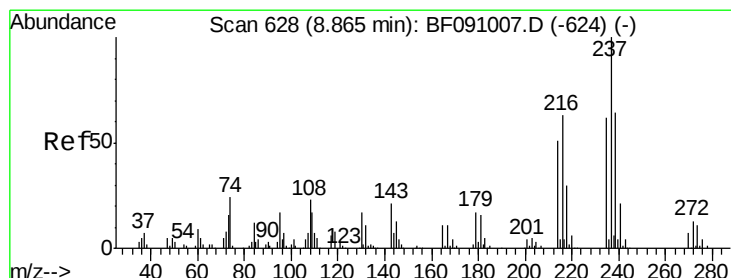
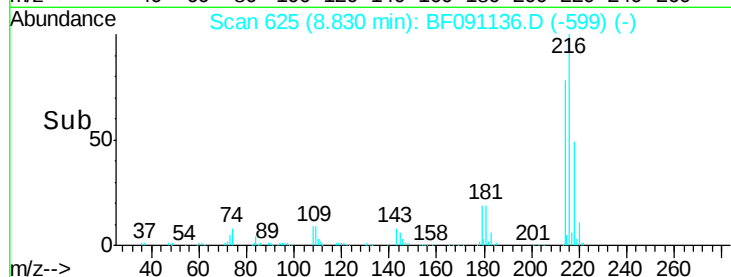
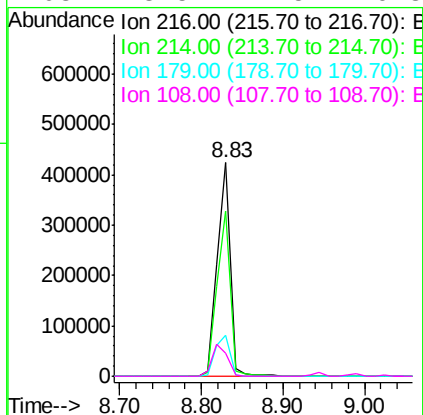
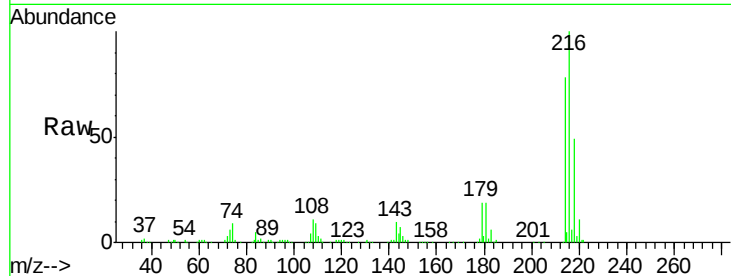
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.11 ng
 RT: 8.83 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		470744		
214	78.7	63.5	95.3		
179	22.0	19.1	28.7		
108	18.5	17.5	26.3		

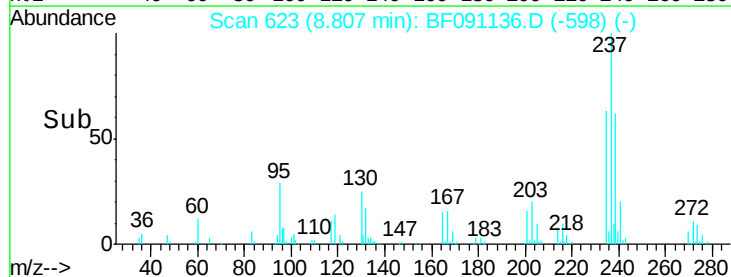
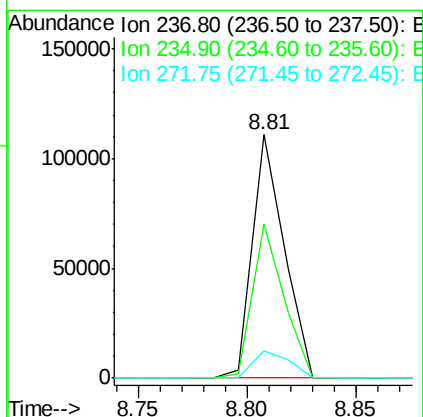
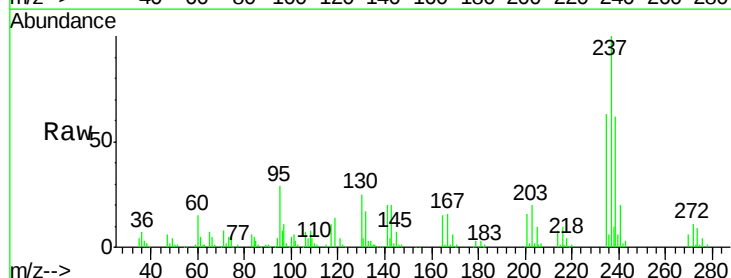
Manual Integrations
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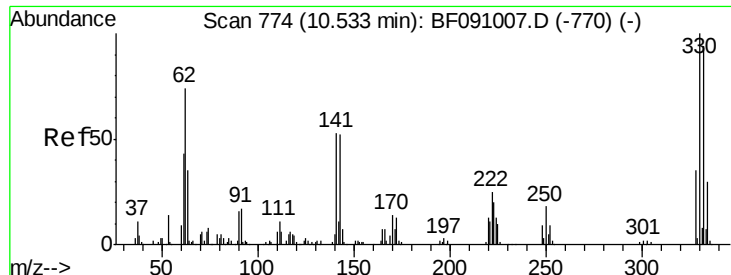
Sohil
 11/10/2016 8:39:39 AM



#40
 Hexachlorocyclopentadiene
 Concen: 31.20 ng
 RT: 8.81 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		112767		
235	63.2	42.1	82.1		
272	11.4	0.0	33.1		





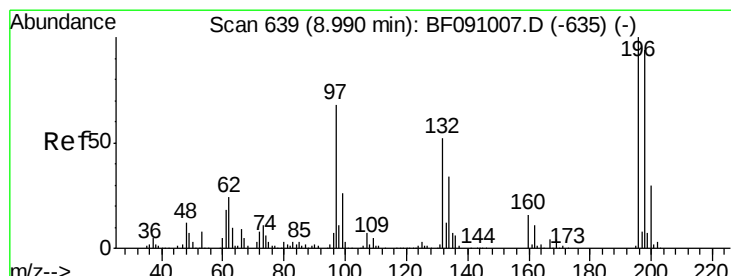
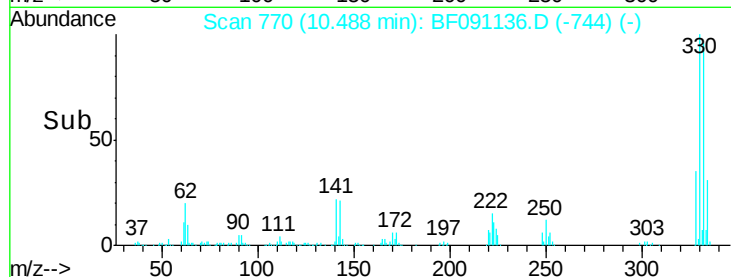
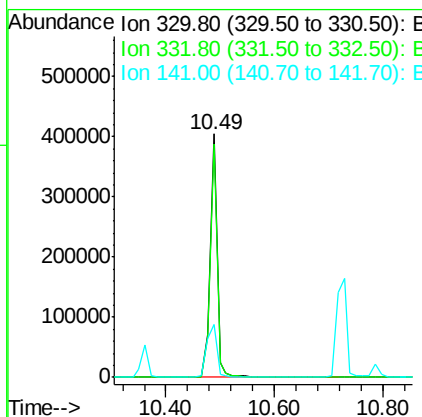
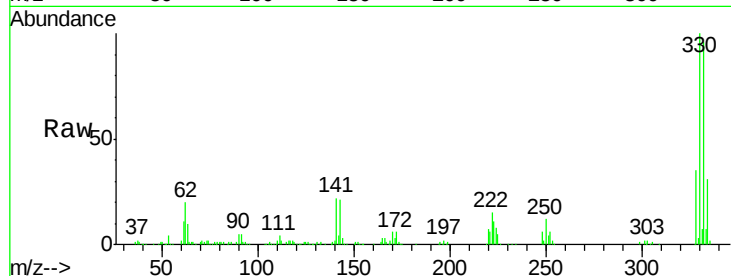
#41
 2,4,6-Tribromophenol
 Concen: 93.07 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	360414		
332	96.0	75.9	113.9	
141	33.0	36.1	54.1#	

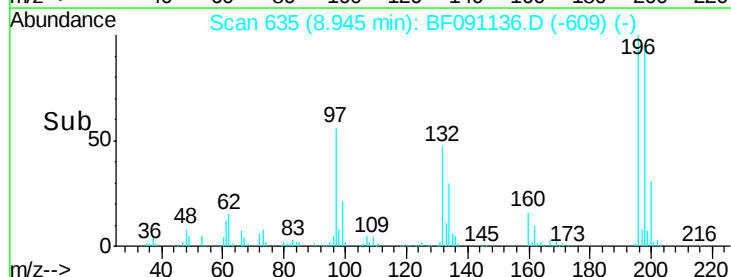
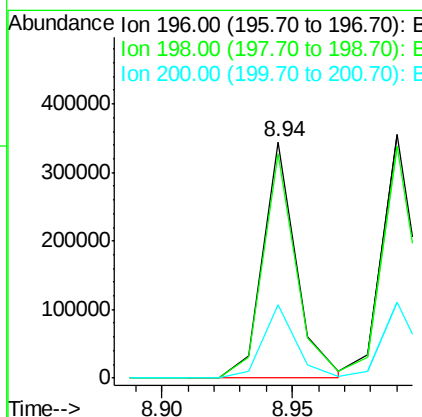
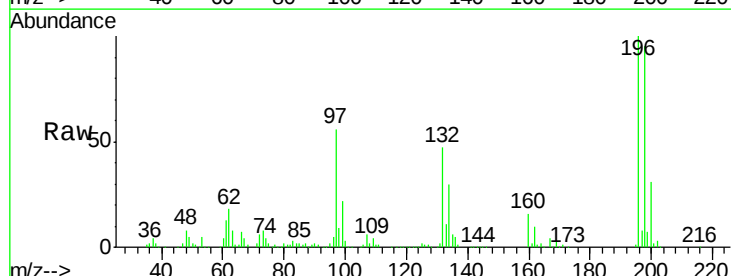
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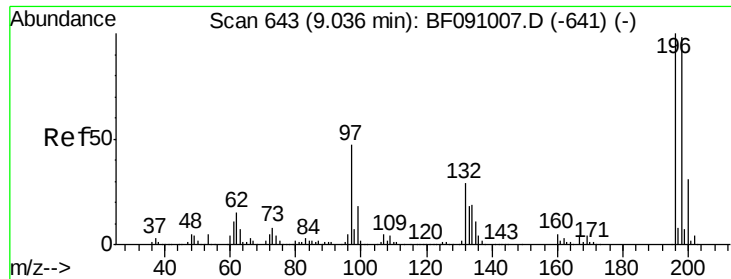
Sohil
 11/10/2016 8:39:39 AM



#42
 2,4,6-Trichlorophenol
 Concen: 43.59 ng
 RT: 8.94 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307277		
198	95.3	75.4	113.0	
200	30.8	24.1	36.1	





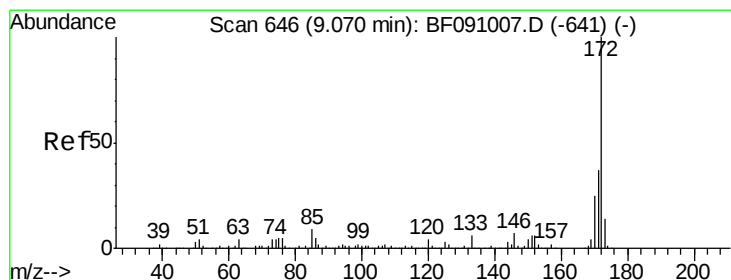
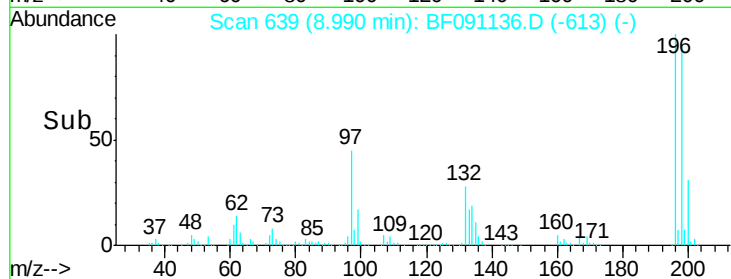
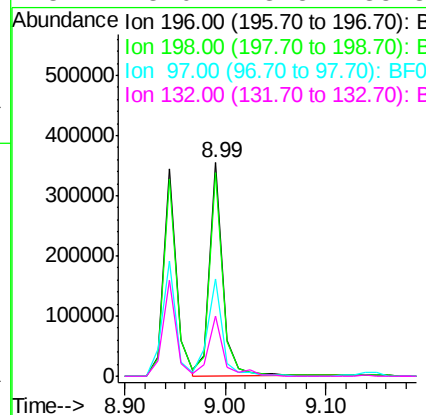
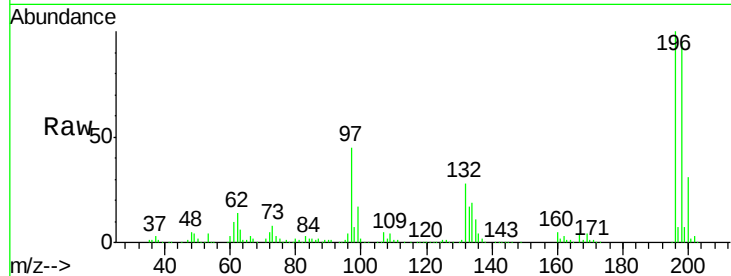
#43
2,4,5-Trichlorophenol
Concen: 44.01 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		325783		
198	95.2	78.2	117.4		
97	45.3	38.8	58.2		
132	28.0	23.5	35.3		

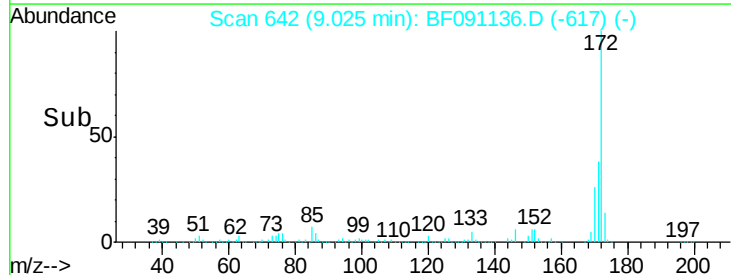
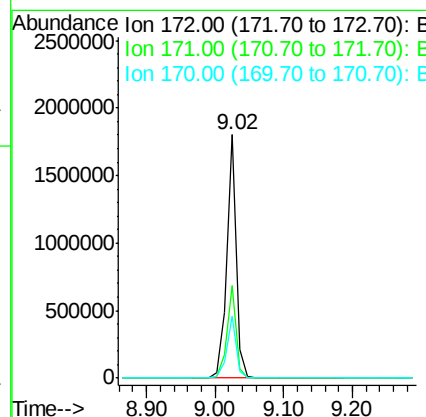
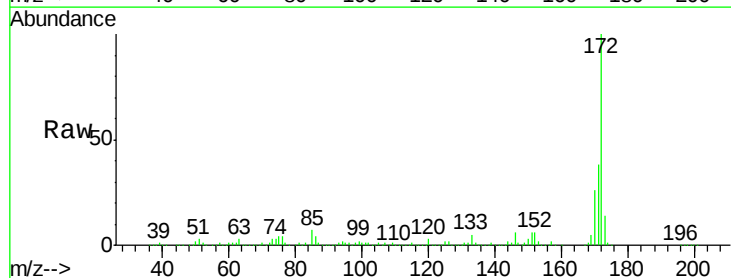
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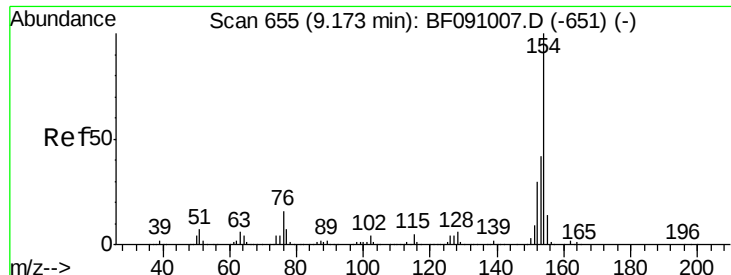
Sohil
11/10/2016 8:39:39 AM



#44
2-Fluorobiphenyl
Concen: 71.01 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1766551		
171	37.8	29.8	44.6		
170	25.6	20.3	30.5		





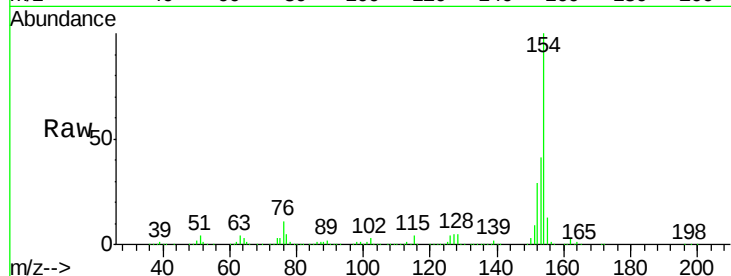
#45
 1,1'-Biphenyl
 Concen: 41.80 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.6	61.6
76	10.9	0.0	36.2

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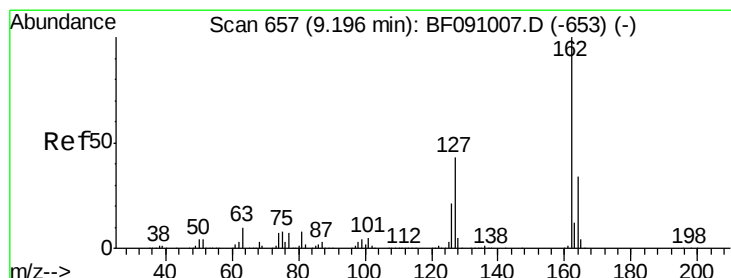
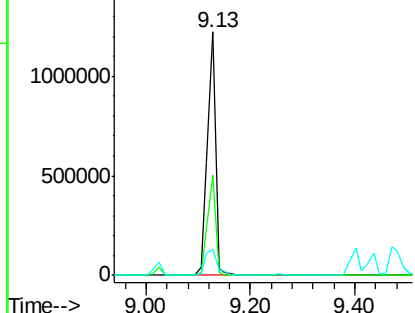
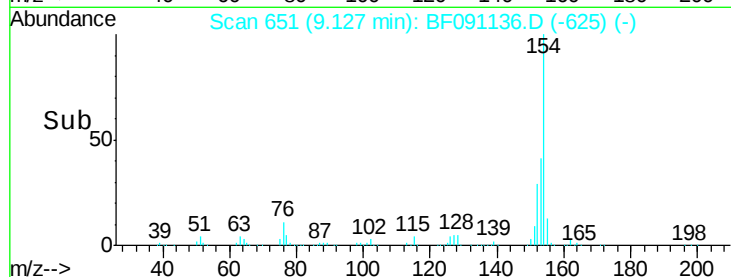


Abundance

Ion 154.00 (153.70 to 154.70): E

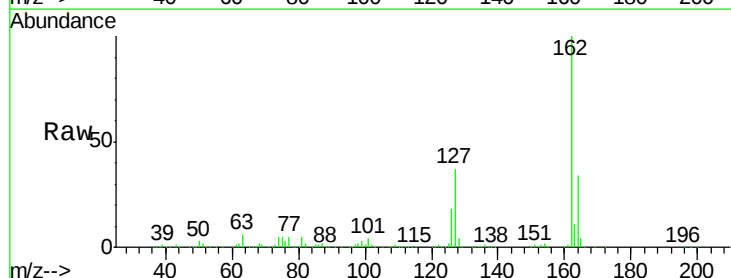
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 41.66 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	34.7	52.1
164	34.2	27.0	40.4

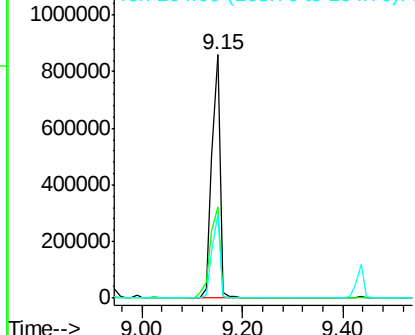
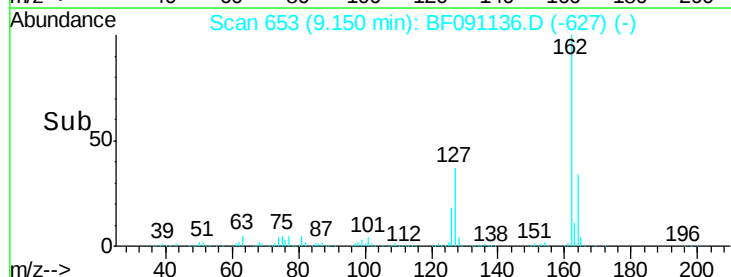


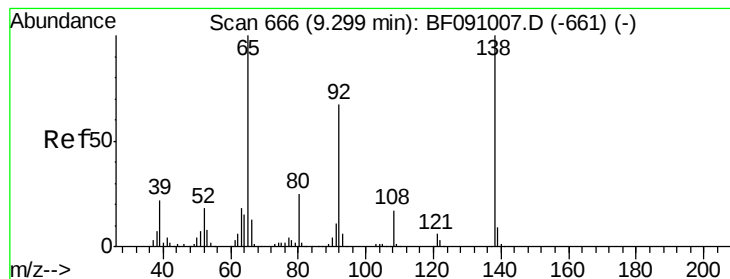
Abundance

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





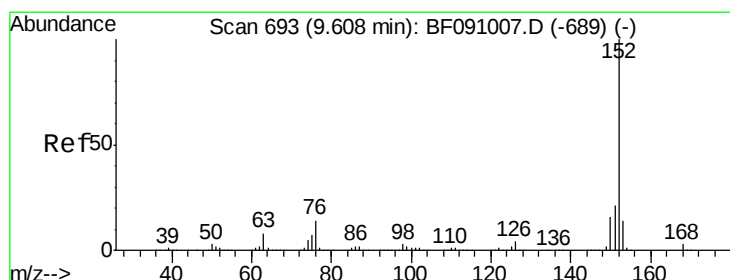
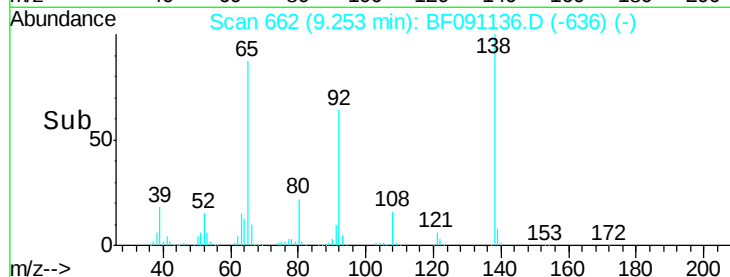
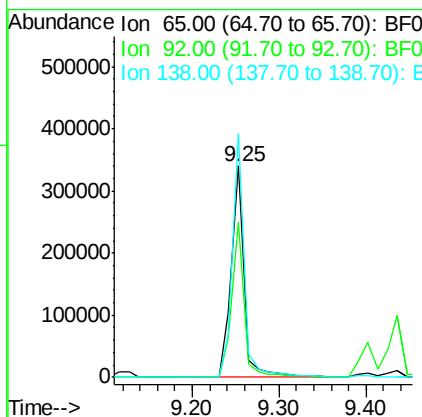
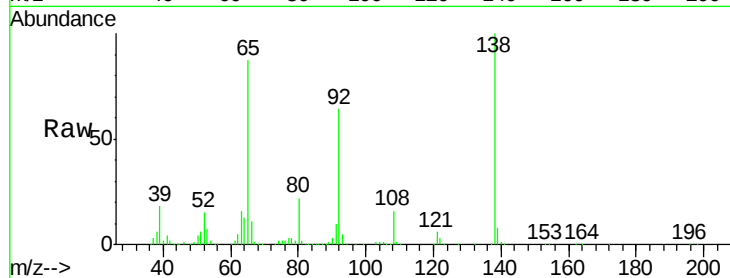
#47
2-Nitroaniline
Concen: 40.36 ng
RT: 9.25 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	53.9	80.9
138	115.2	80.1	120.1

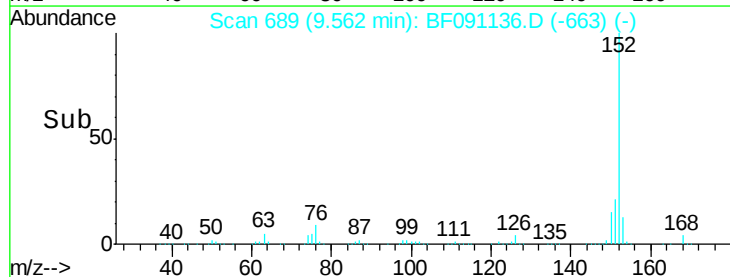
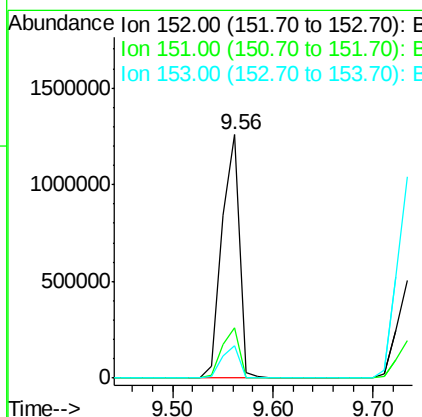
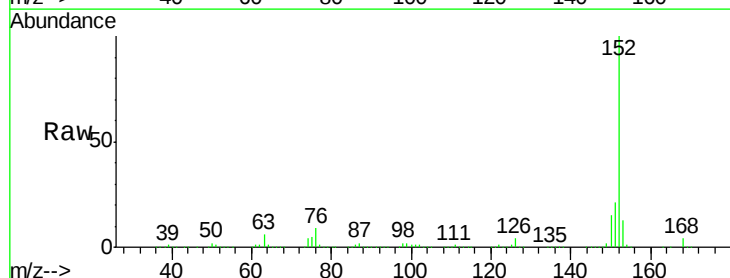
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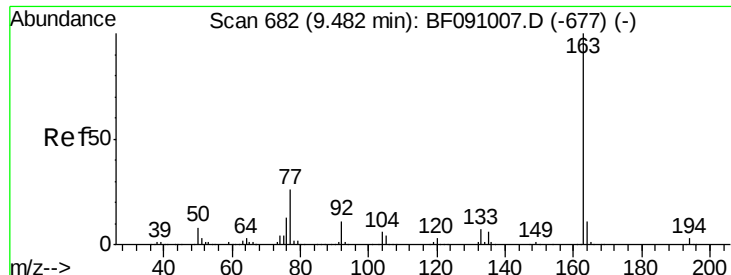
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#48
Acenaphthylene
Concen: 40.92 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1
153	13.3	11.1	16.7





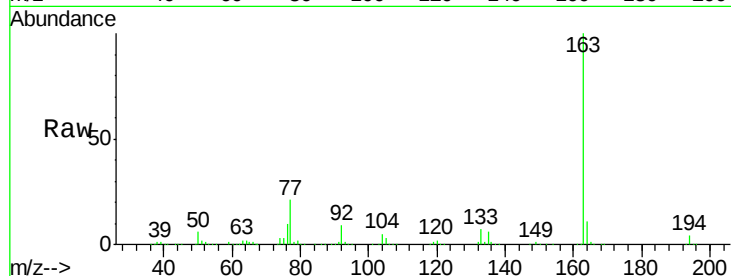
#49
Dimethylphthalate
Concen: 40.24 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

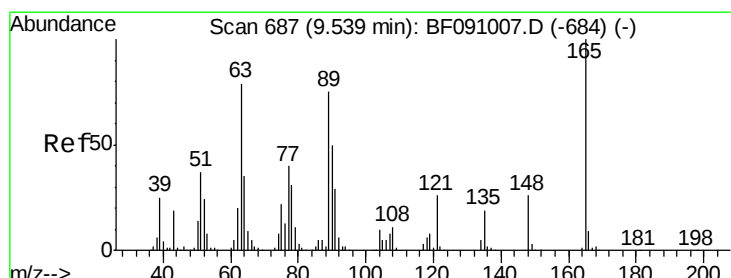
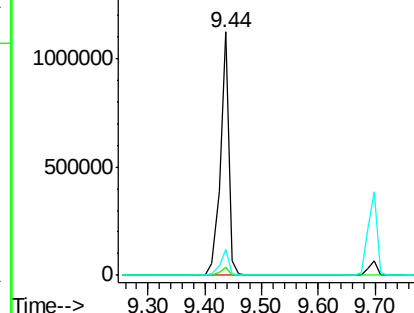
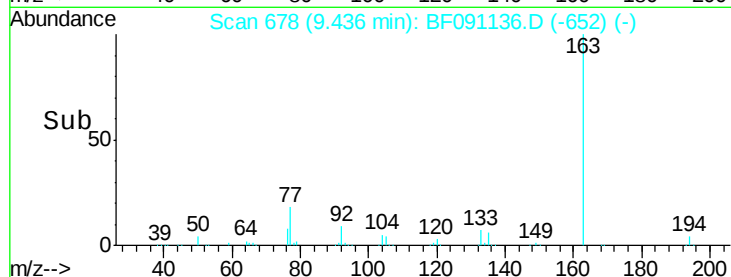
Tot Ion:163 Resp: 1130212
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.5 8.7 13.1

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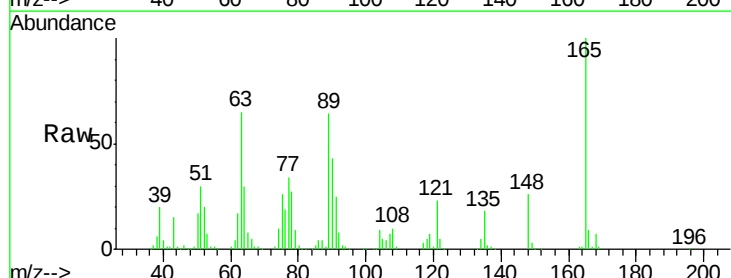


Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

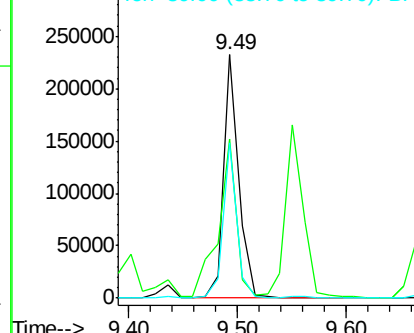
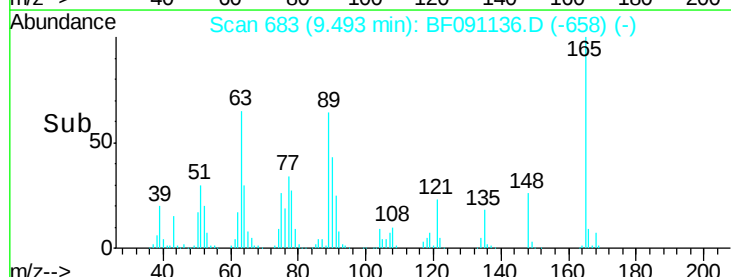


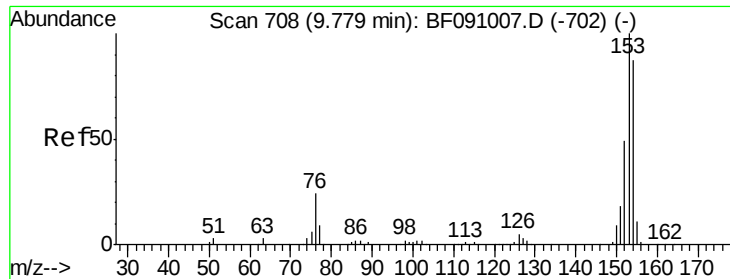
#50
2,6-Dinitrotoluene
Concen: 37.74 ng
RT: 9.49 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion:165 Resp: 227177
Ion Ratio Lower Upper
165 100
63 65.4 65.6 98.4#
89 63.9 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E
300000 Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.24 ng

RT: 9.73 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

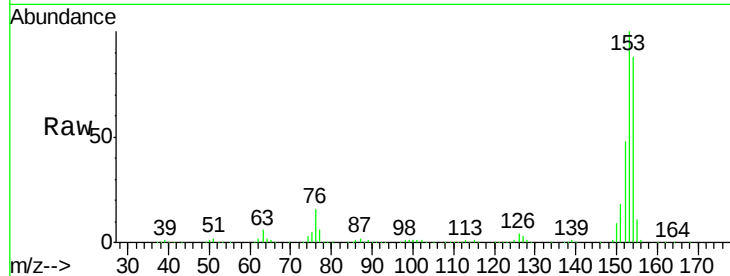
ClientSampleId :

SSTDCCC040EC

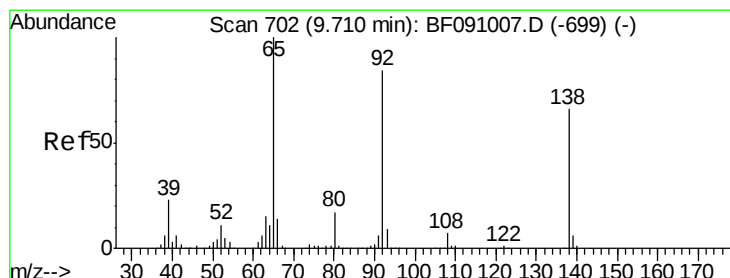
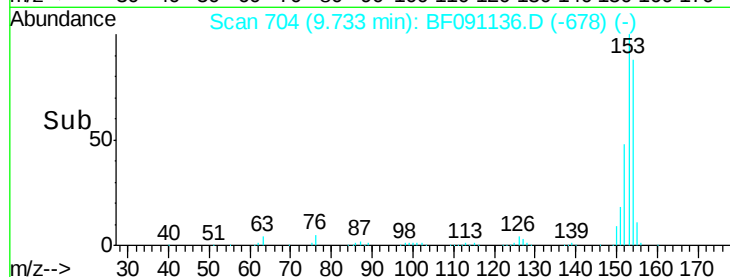
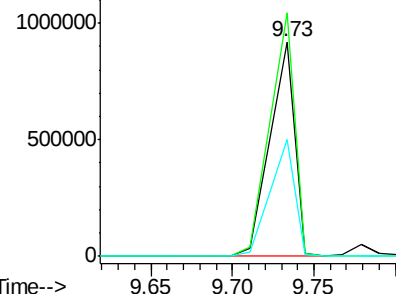
Tot Ion:	154	Resp:	981412
Ion Ratio	Lower	Upper	
154	100		
153	113.5	91.6	137.4
152	54.7	44.6	67.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.43 ng

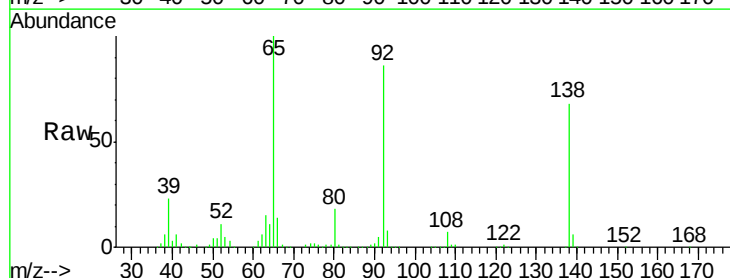
RT: 9.66 min Scan# 698

Delta R.T. -0.00 min

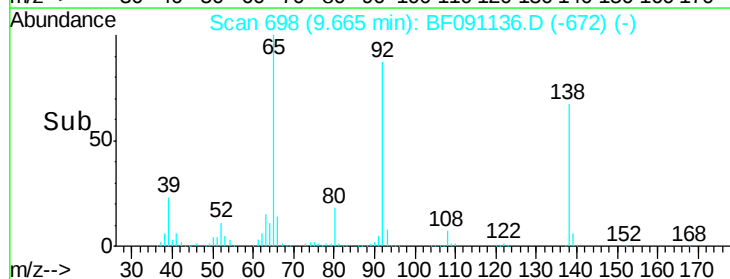
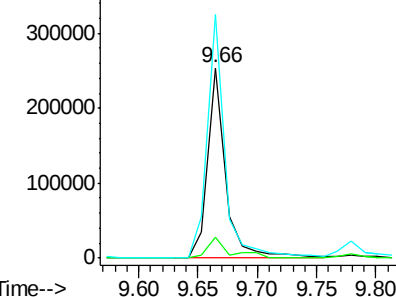
Lab File: BF091136.D

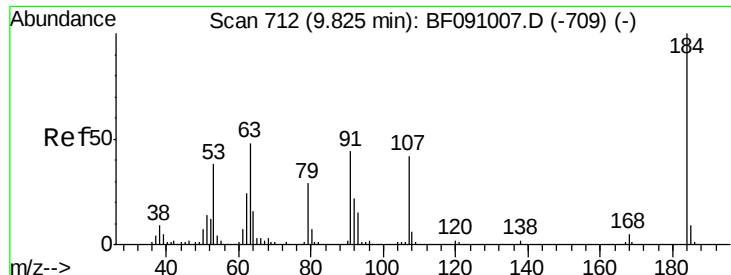
Acq: 9 Nov 2016 20:45

Tgt Ion:	138	Resp:	267157
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.4	12.6
92	128.1	101.1	151.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





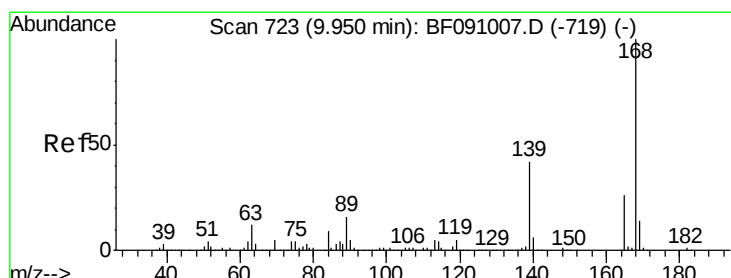
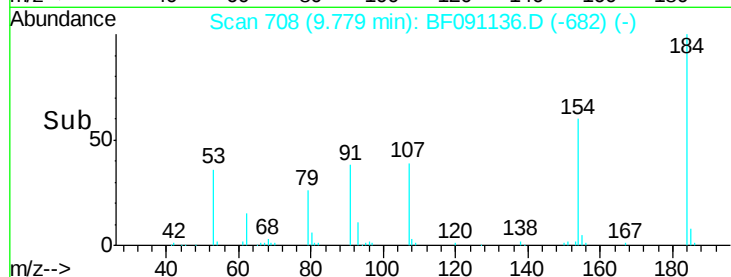
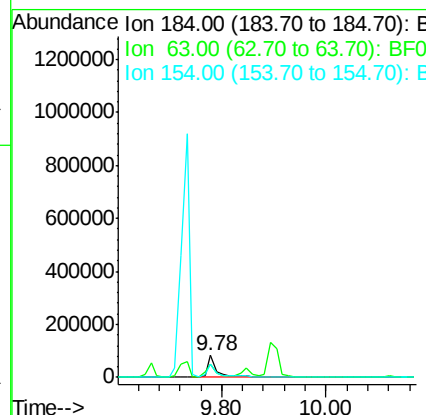
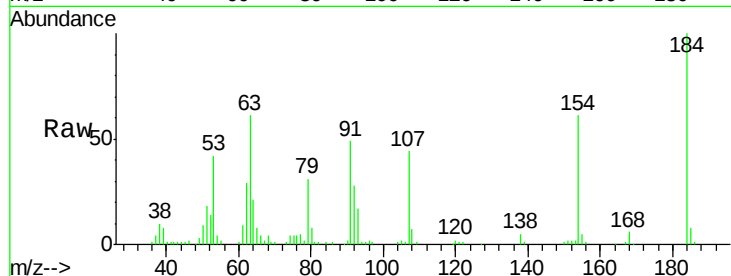
#53
 2,4-Dinitrophenol
 Concen: 38.83 ng
 RT: 9.78 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	60.9	45.5	68.3	
154	61.1	51.0	76.4	

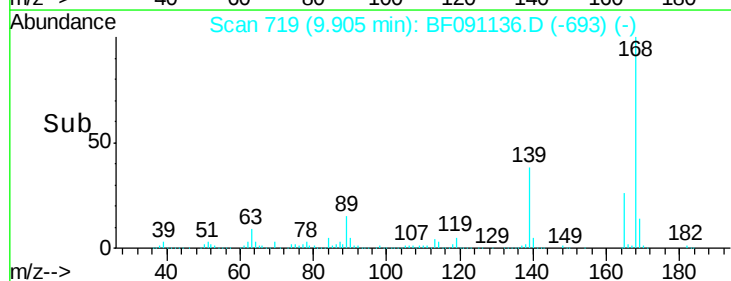
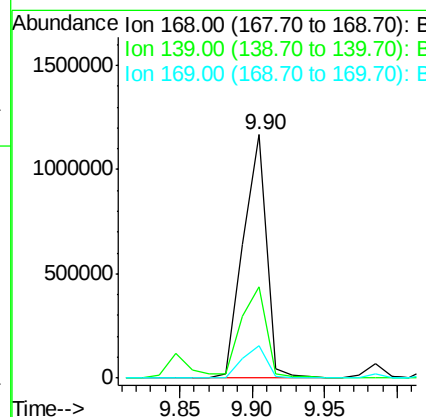
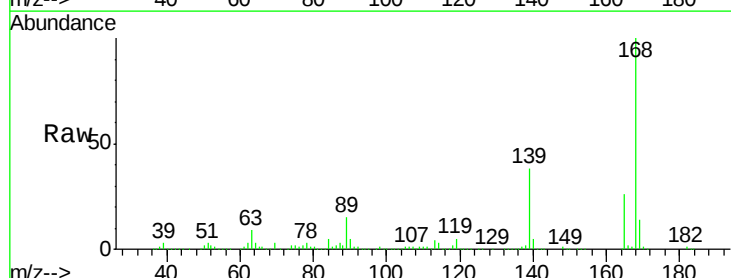
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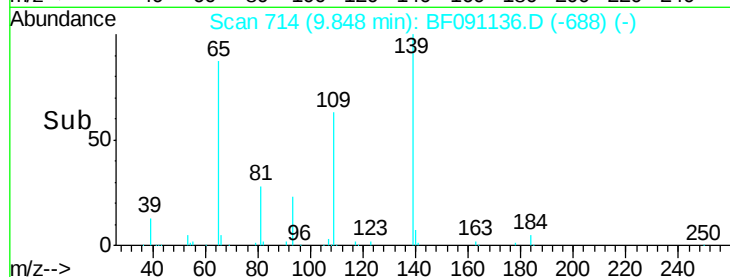
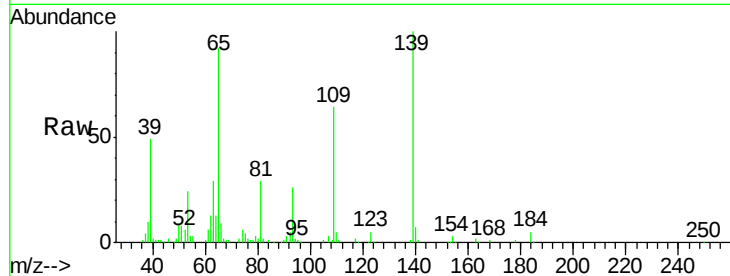
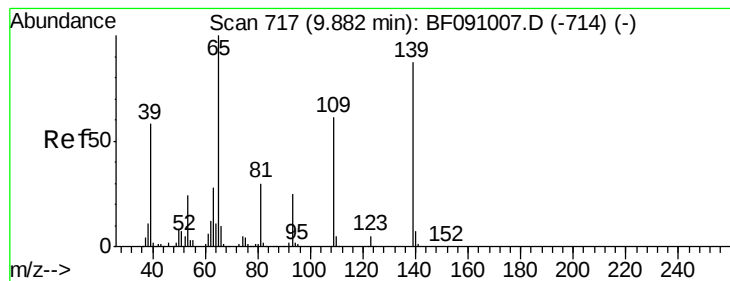
Sohil
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#54
 Dibenzofuran
 Concen: 41.61 ng
 RT: 9.90 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	34.8	52.2	
169	13.5	11.4	17.2	





#55

4-Nitrophenol

Concen: 30.88 ng

RT: 9.85 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Tot Ion:	139	Resp:	128763
Ion Ratio	Lower	Upper	
139	100		
109	64.1	50.5	90.5
65	92.3	97.1	137.1#

Instrument :

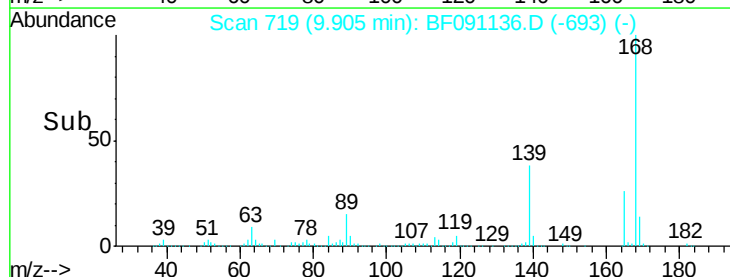
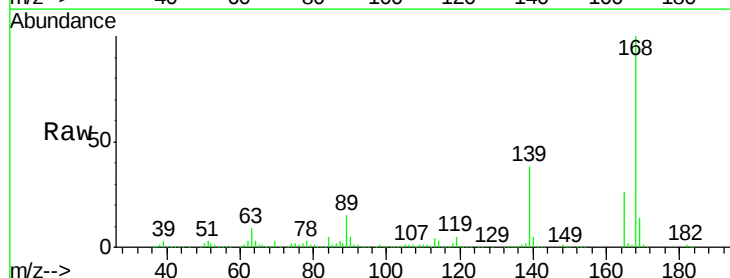
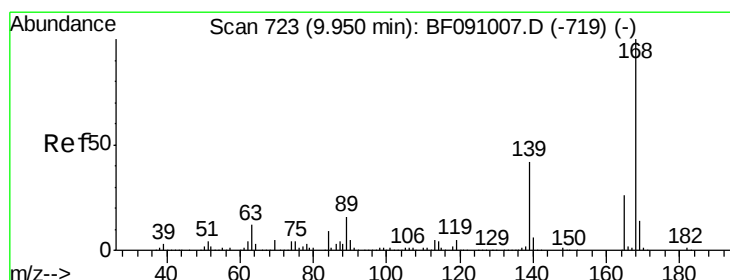
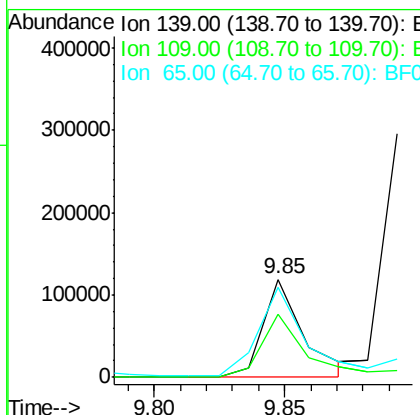
BNA_F

ClientSampleId :

SSTDCCC040EC

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#56

2,4-Dinitrotoluene

Concen: 43.31 ng

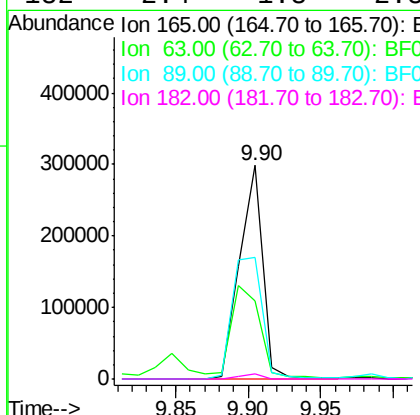
RT: 9.90 min Scan# 719

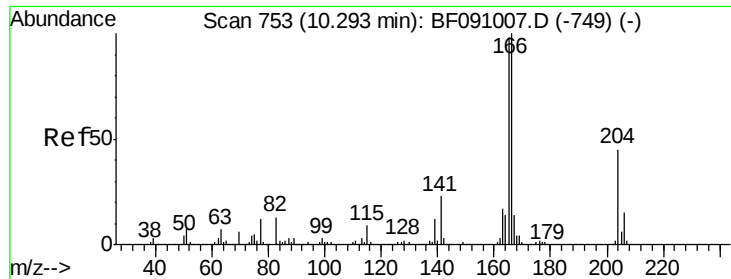
Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Tgt Ion:	165	Resp:	331695
Ion Ratio	Lower	Upper	
165	100		
63	36.8	38.7	58.1#
89	57.1	50.6	76.0
182	2.4	1.8	2.8





#57

Fluorene

Concen: 39.71 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 1015016

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

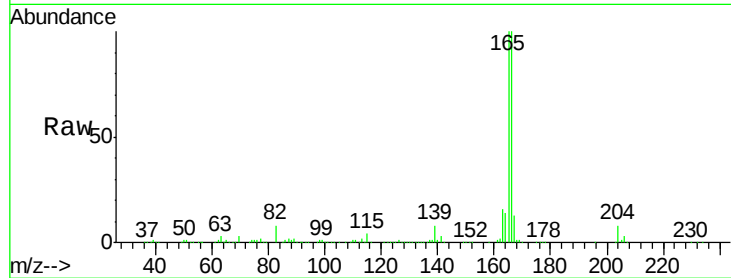
167 13.4 11.1 16.7

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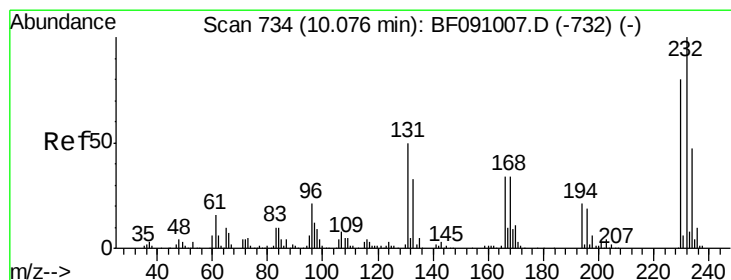
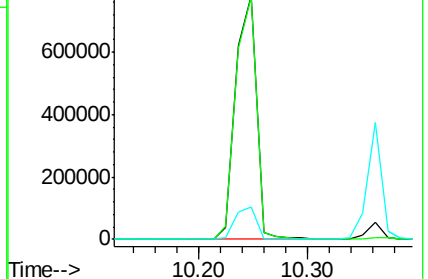
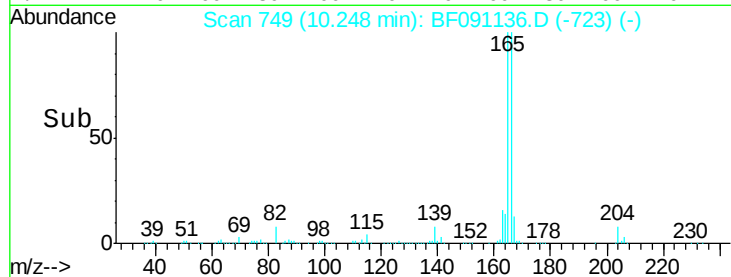
11/10/2016 8:39:39 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.05 ng

RT: 10.03 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Tgt Ion:232 Resp: 255452

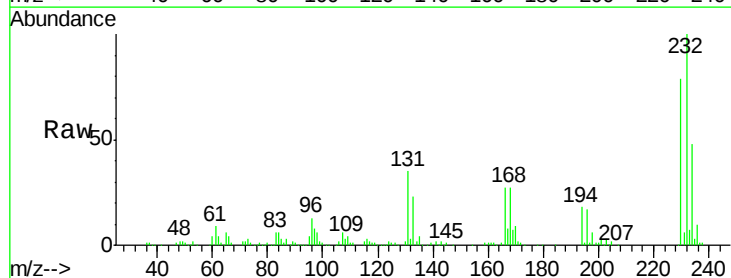
Ion Ratio Lower Upper

232 100

131 46.8 43.6 65.4

130 2.0 2.0 3.0

166 30.5 27.4 41.2

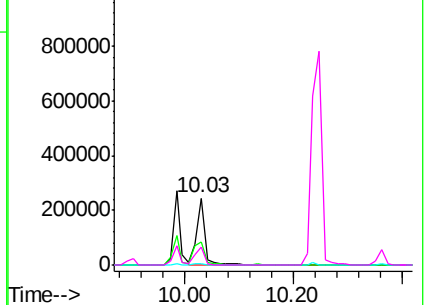
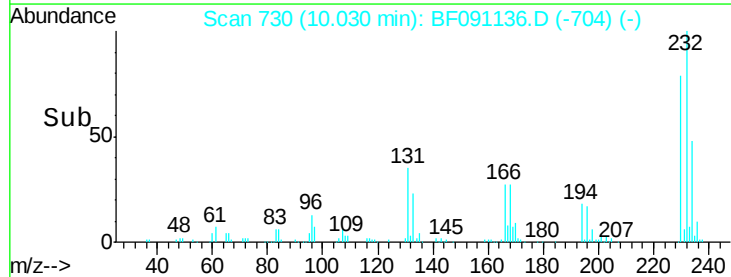


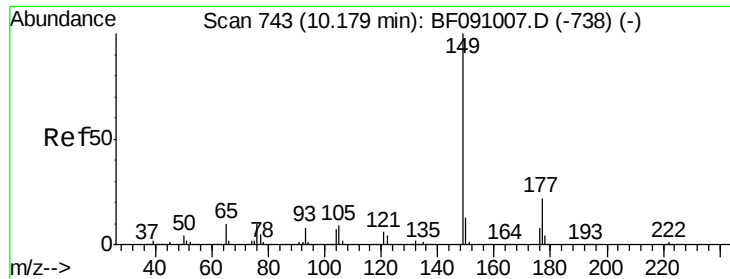
Abundance Ion 232.00 (231.70 to 232.70): E

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





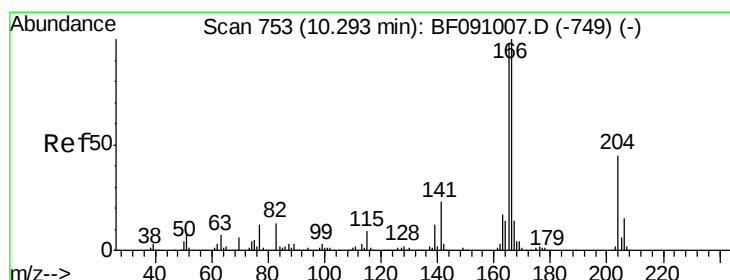
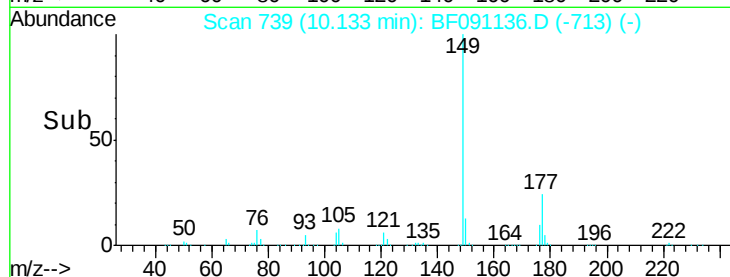
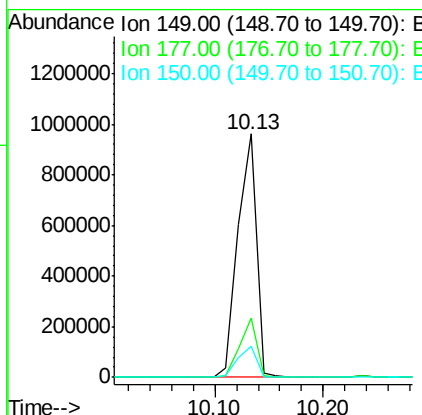
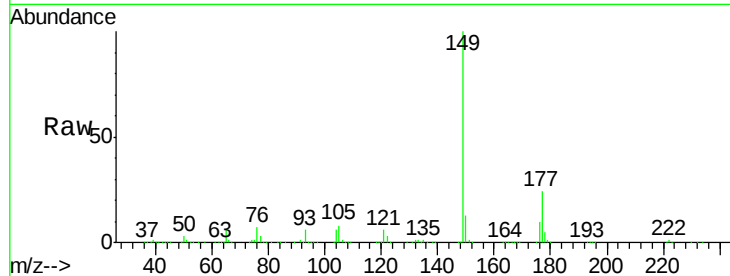
#59
Diethylphthalate
Concen: 38.91 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 1120519
Ion Ratio Lower Upper
149 100
177 24.5 17.3 25.9
150 12.6 10.3 15.5

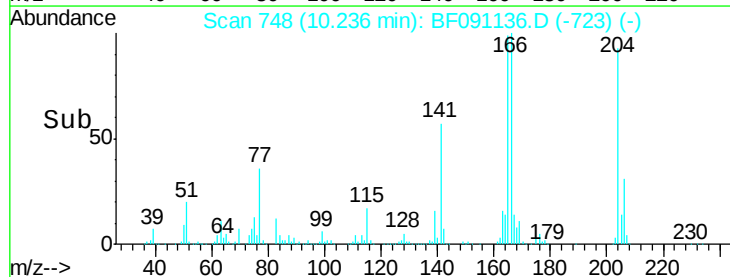
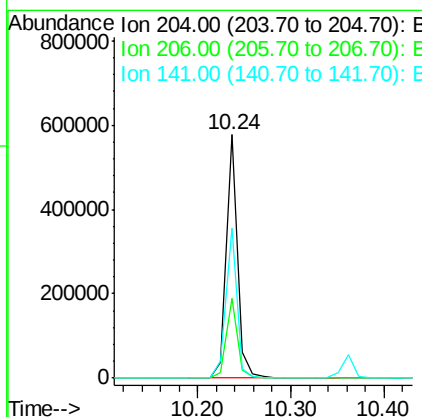
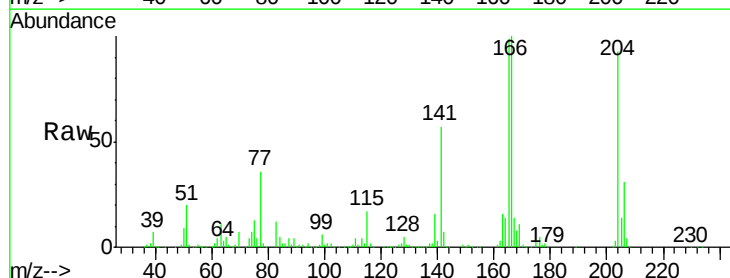
Manual Integrations
APPROVED

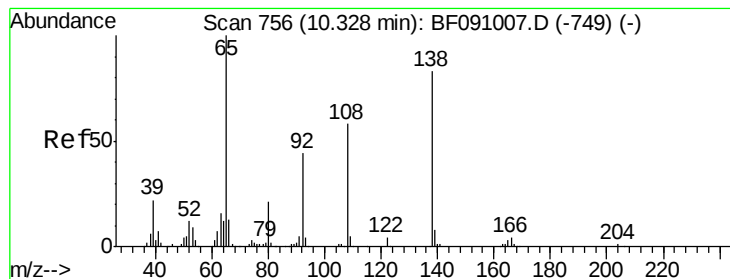
Sohil
11/10/2016 8:39:39 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.82 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion:204 Resp: 474954
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 61.6 40.1 60.1#





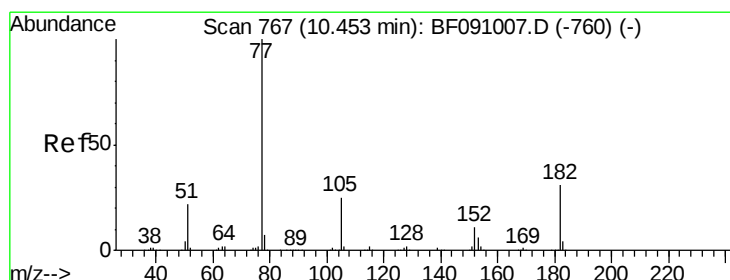
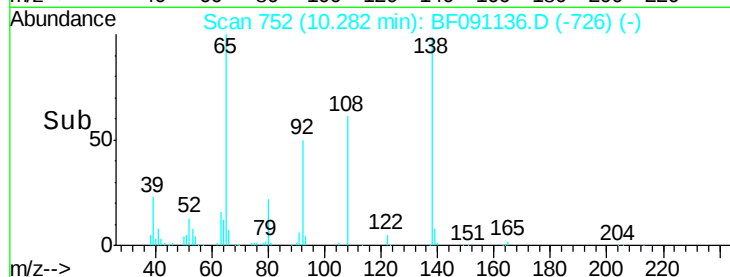
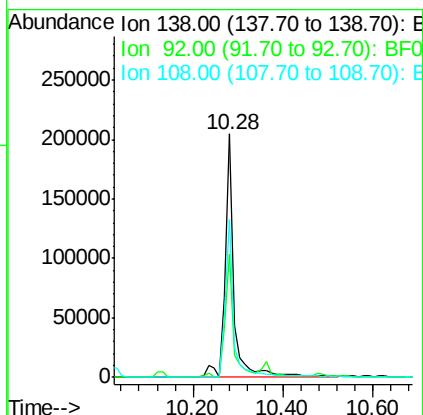
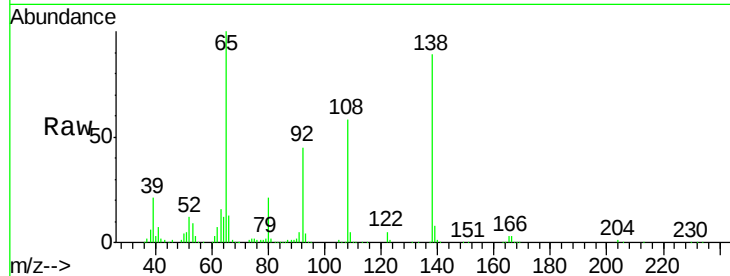
#61
4-Nitroaniline
Concen: 39.34 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	32.5	72.5
108	65.0	49.4	89.4

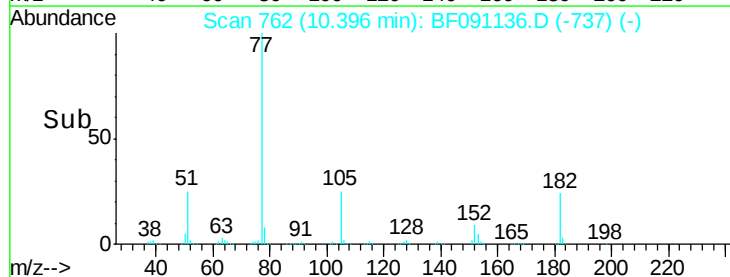
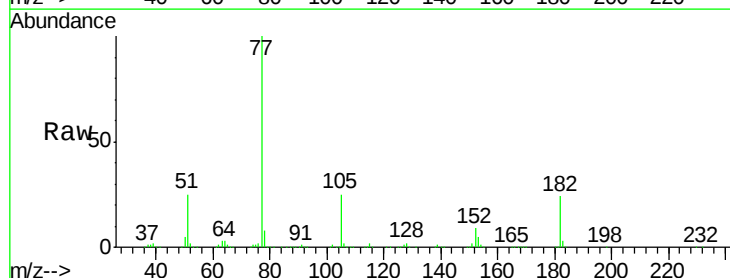
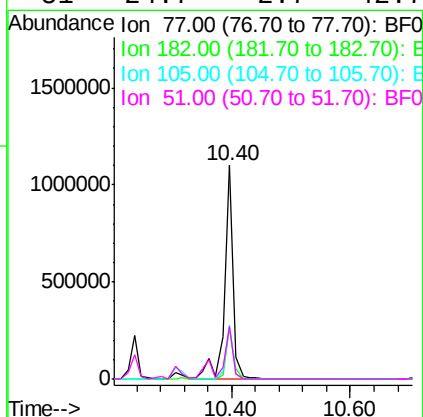
Manual Integrations
APPROVED

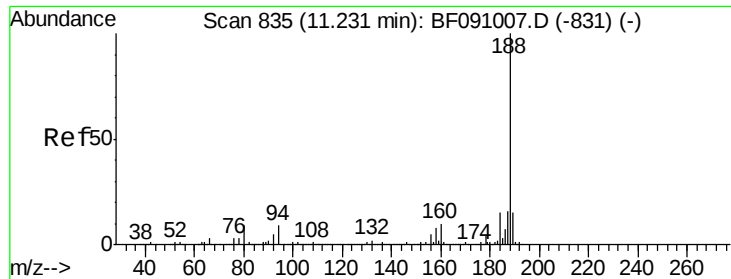
Sohil
11/10/2016 8:39:39 AM



#62
Azobenzene
Concen: 32.70 ng
RT: 10.40 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	11.0	51.0
105	25.4	5.6	45.6
51	24.7	2.7	42.7





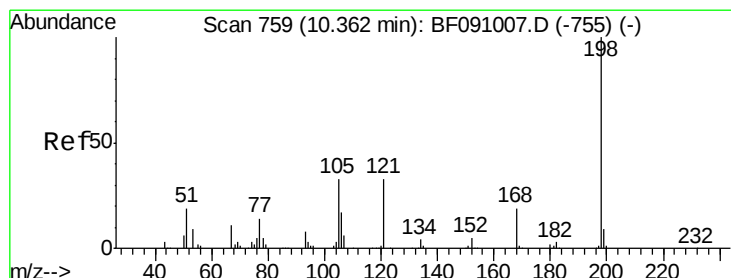
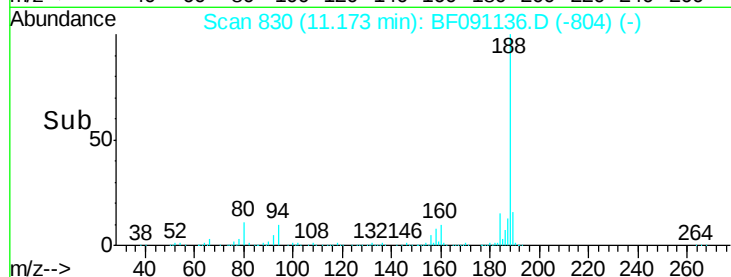
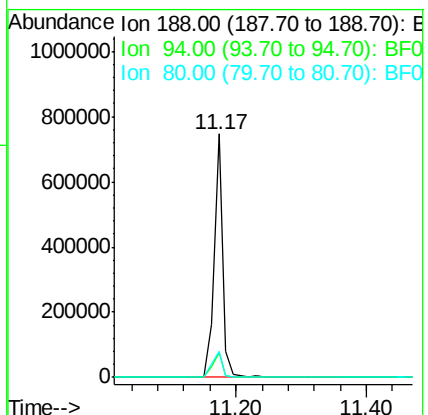
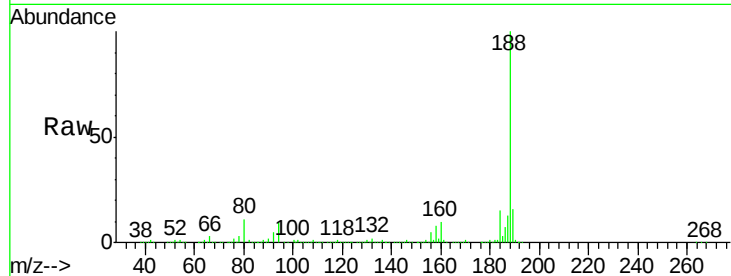
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		696957		
94	10.1	7.0	10.4		
80	10.7	7.5	11.3		

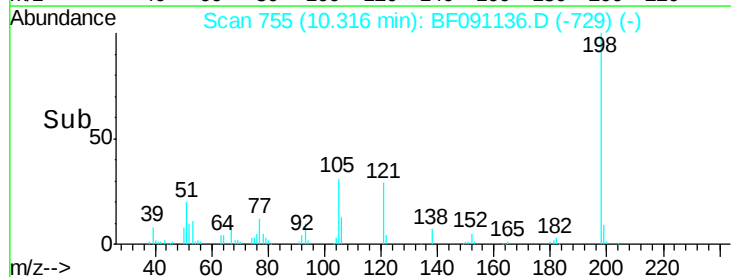
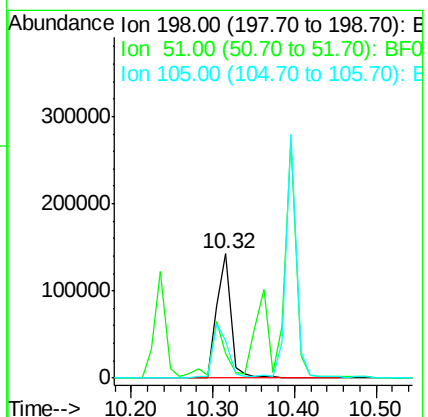
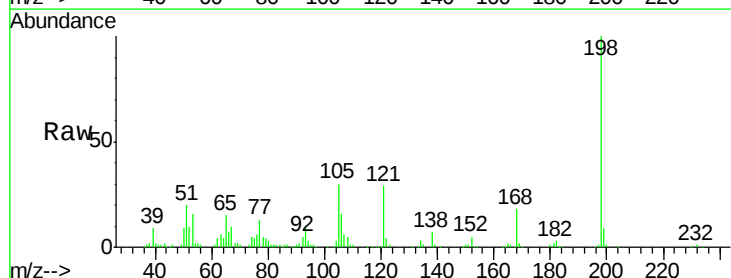
Manual Integrations
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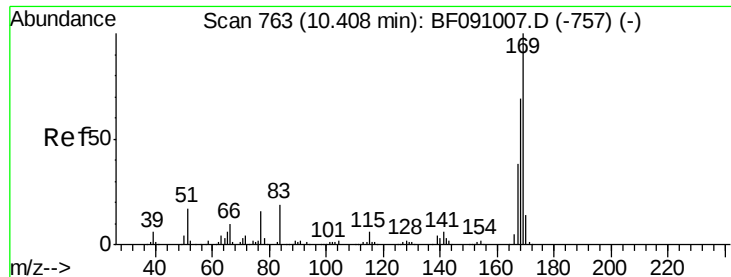
Sohil
11/10/2016 8:39:39 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.66 ng
RT: 10.32 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		173534		
51	19.8	5.9	45.9		
105	29.8	13.8	53.8		





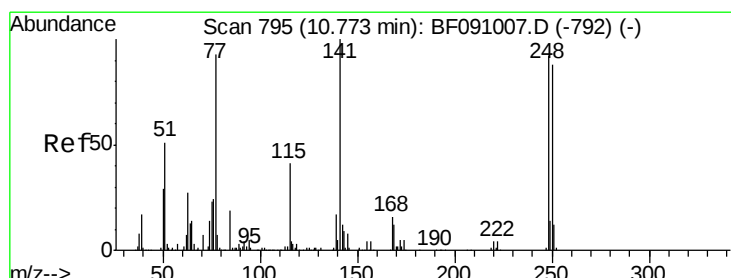
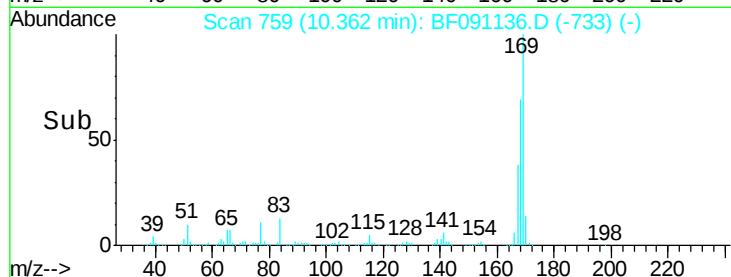
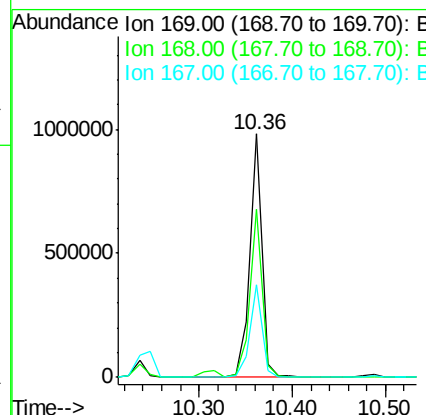
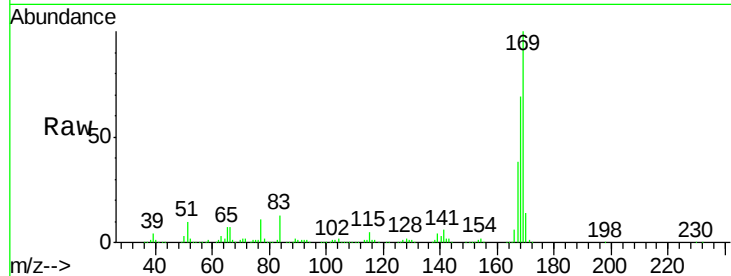
#65
n-Nitrosodiphenylamine
Concen: 40.20 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	890477		
168	68.9		55.3	82.9
167	38.1		30.3	45.5

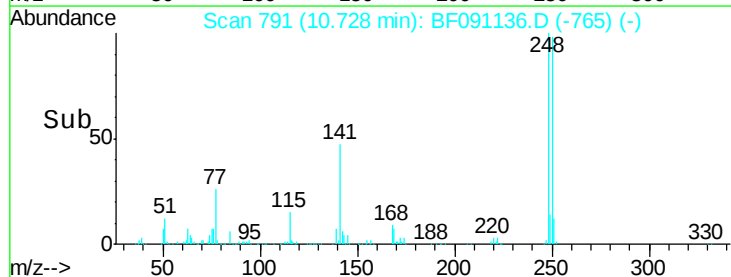
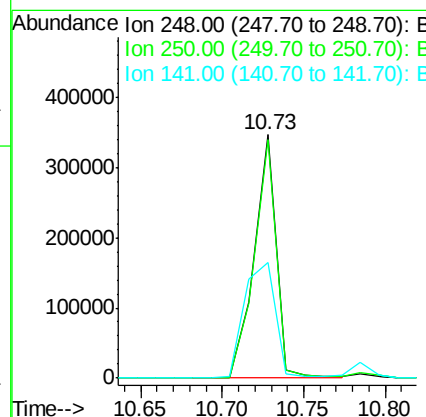
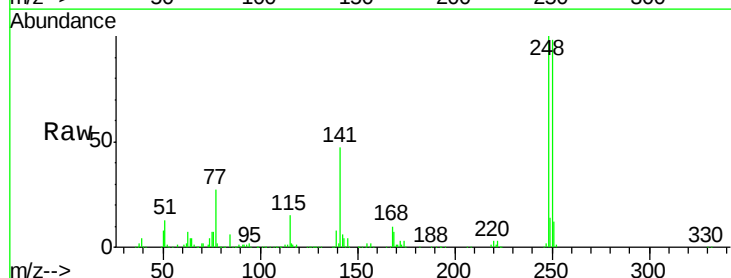
Manual Integrations
APPROVED

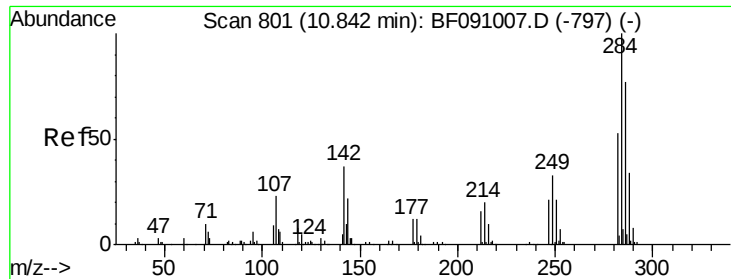
Sohil
11/10/2016 8:39:39 AM



#66
4-Bromophenyl-phenylether
Concen: 44.97 ng
RT: 10.73 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	325984		
250	98.0		76.3	114.5
141	47.4		86.8	130.2#





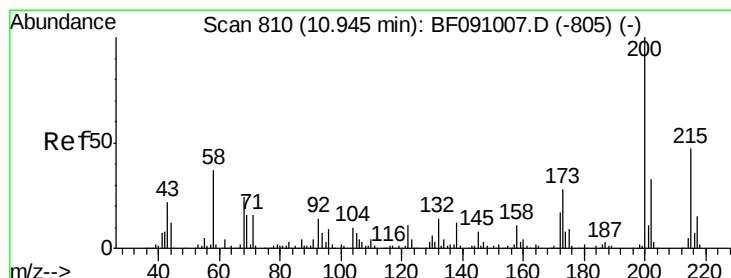
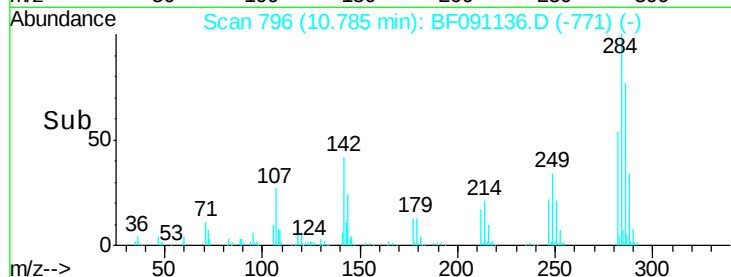
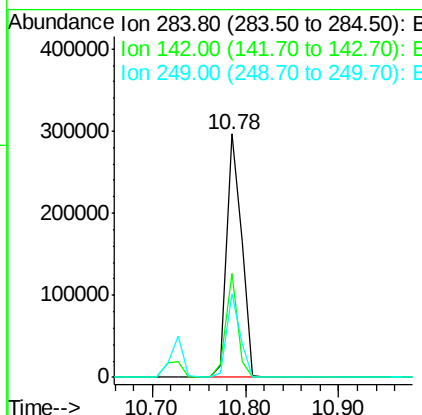
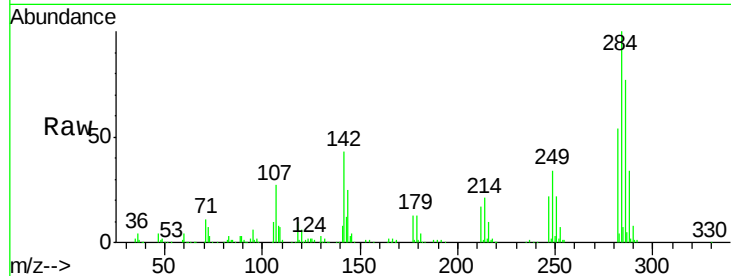
#67
Hexachlorobenzene
Concen: 41.43 ng
RT: 10.78 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	331253		
142	42.9		29.9	44.9
249	34.3		26.6	39.8

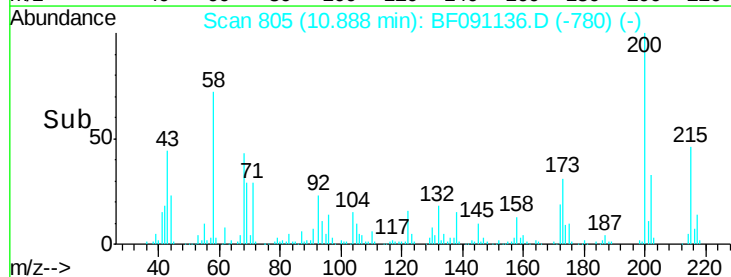
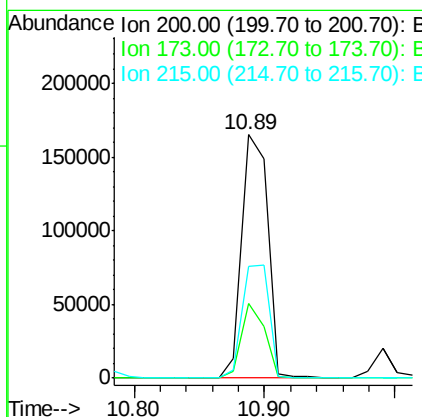
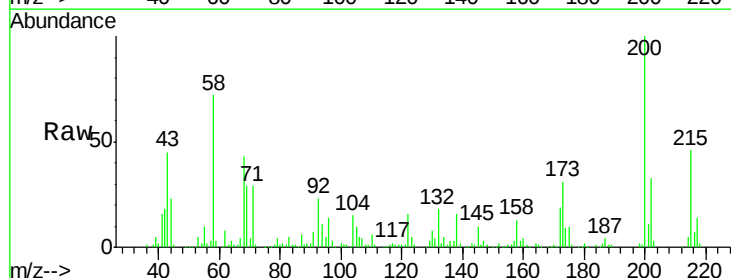
Manual Integrations
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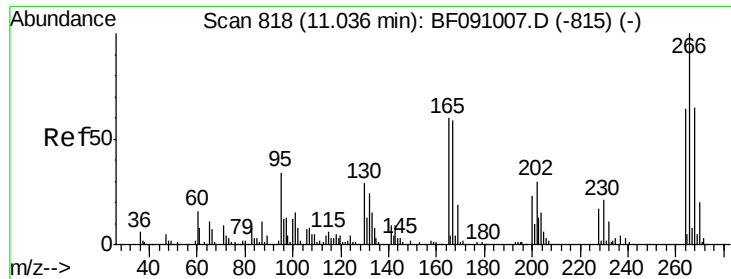
Sohil
11/10/2016 8:39:39 AM



#68
Atrazine
Concen: 35.85 ng
RT: 10.89 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	229124		
173	30.7		8.1	48.1
215	45.9		27.3	67.3





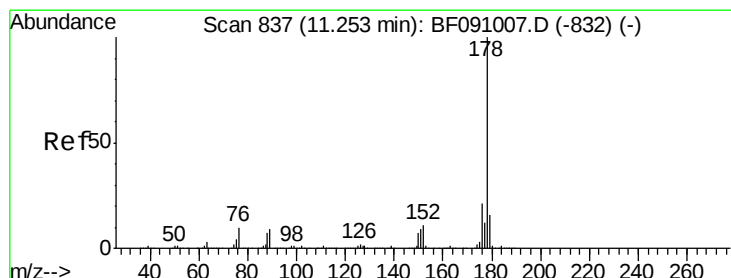
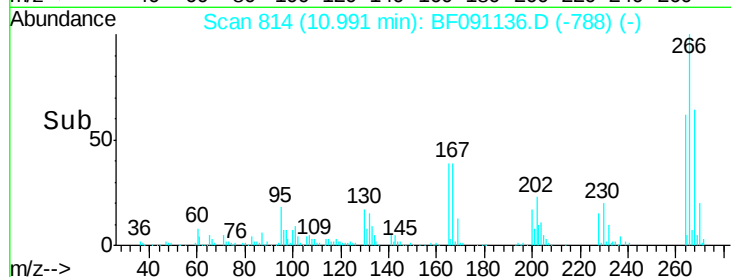
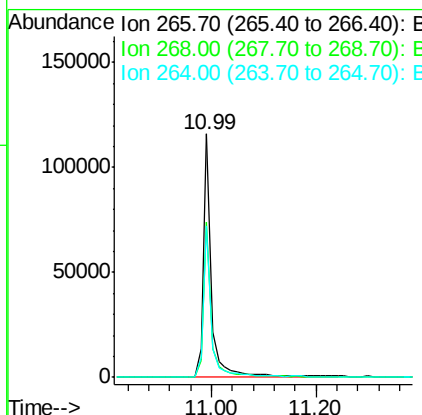
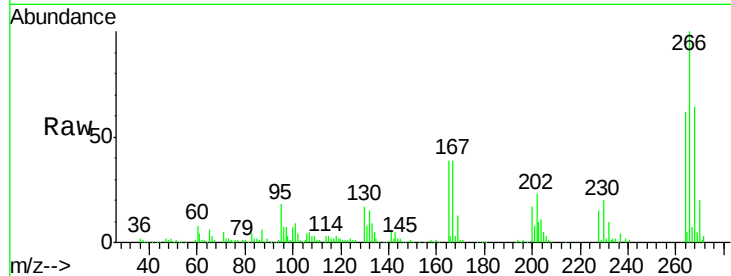
#69
 Pentachlorophenol
 Concen: 36.01 ng
 RT: 10.99 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.1	78.1
264	62.3	51.1	76.7

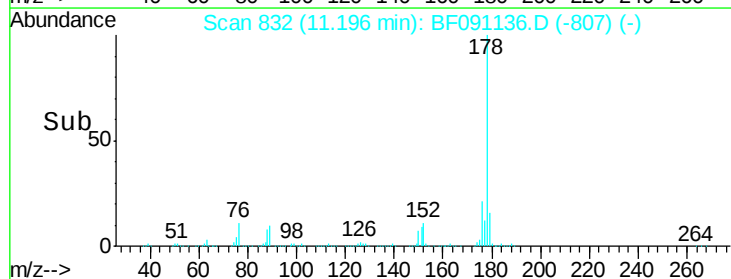
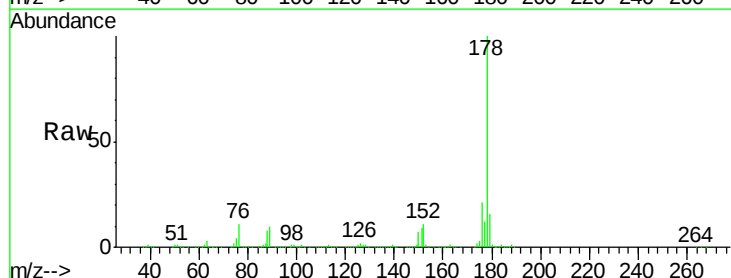
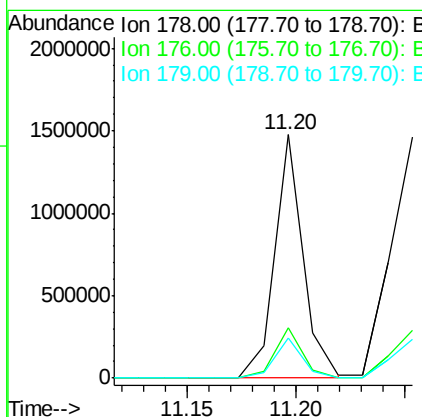
Manual Integrations
 APPROVED

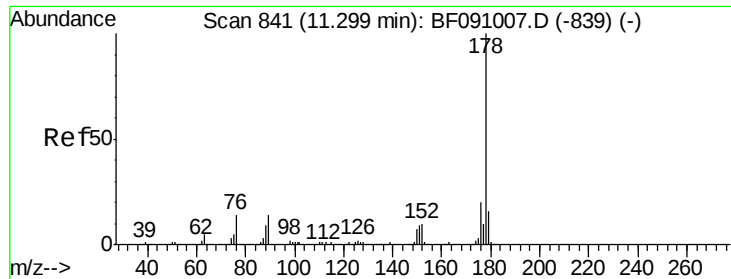
Sohil
 11/10/2016 8:39:39 AM



#70
 Phenanthrene
 Concen: 36.33 ng
 RT: 11.20 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	25.0
179	16.3	12.9	19.3





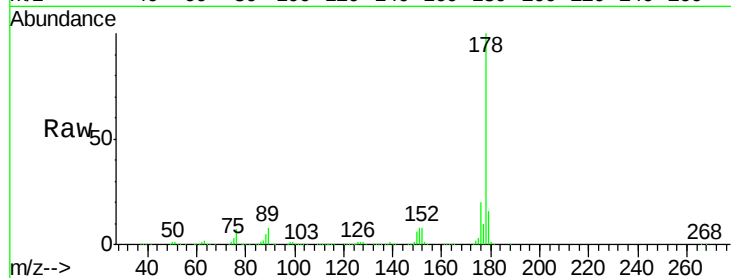
#71
 Anthracene
 Concen: 40.15 ng
 RT: 11.25 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

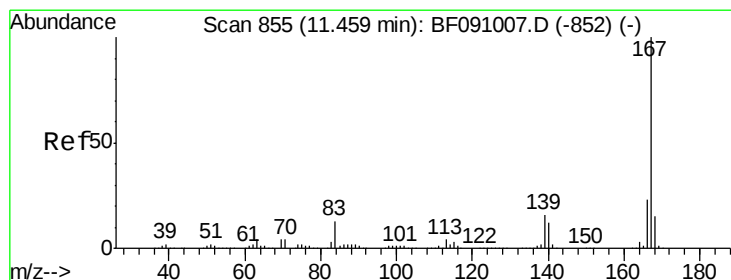
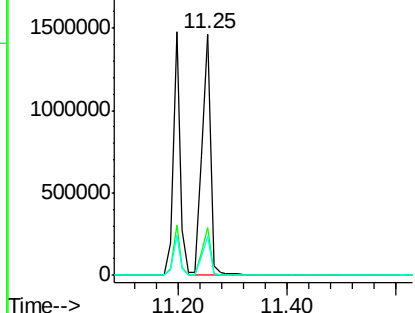
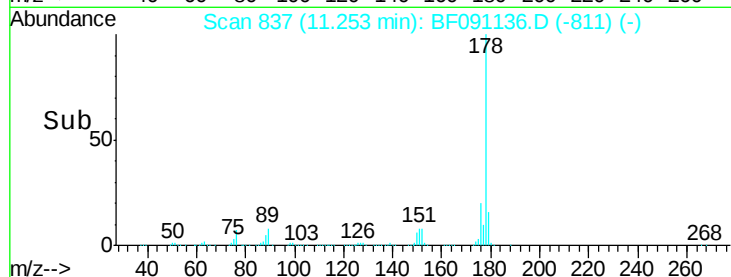
Tot Ion:178 Resp: 1581359
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.2 13.0 19.6

Manual Integrations
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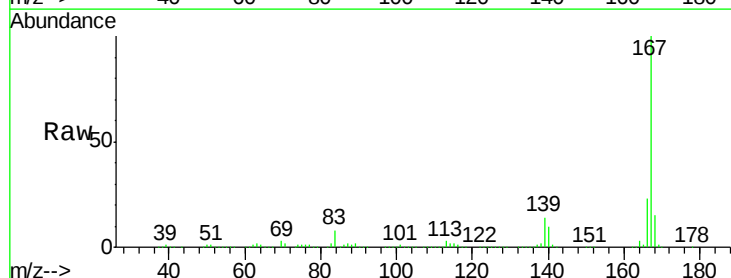


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

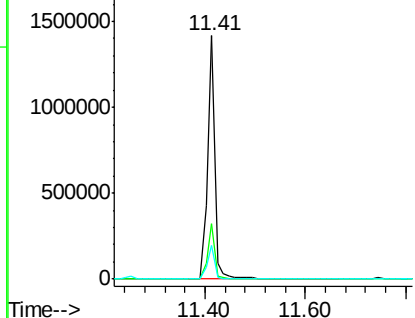
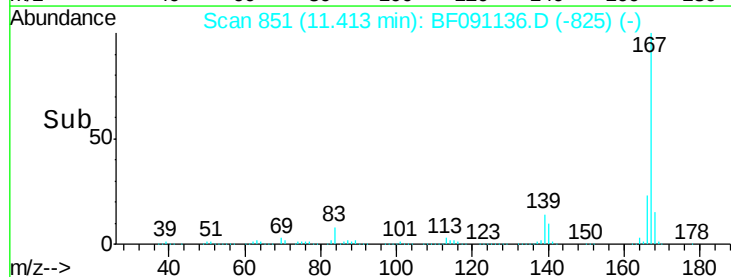


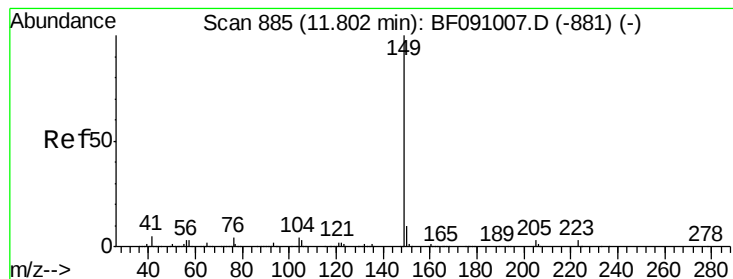
#72
 Carbazole
 Concen: 40.14 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion:167 Resp: 1424906
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.6 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E
 1500000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.25 ng

RT: 11.74 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1528876

Ion Ratio Lower Upper

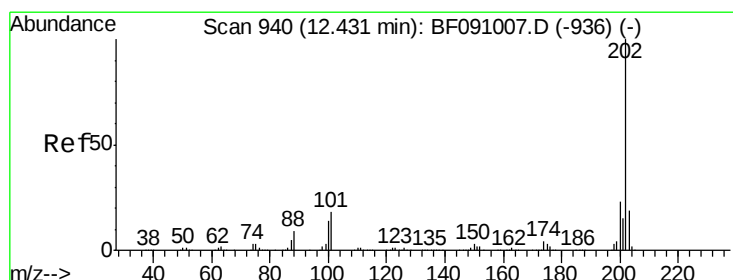
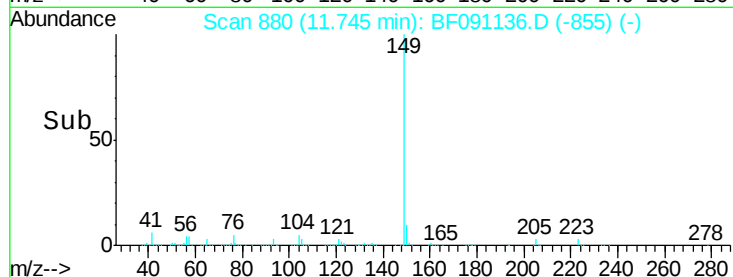
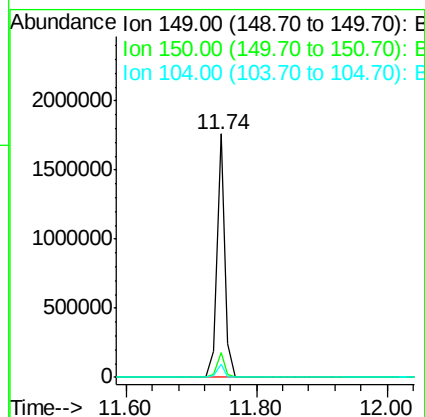
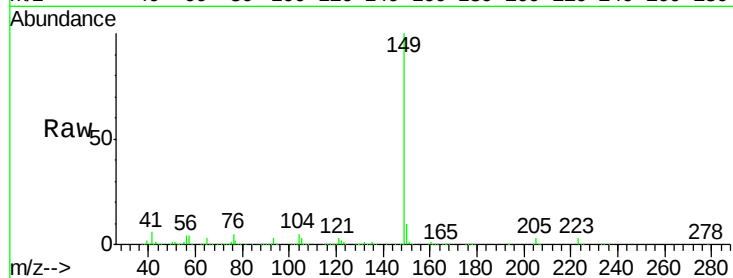
149 100

150 10.2 7.7 11.5

104 5.2 3.6 5.4

Manual Integrations
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11/10/2016 8:39:39 AM



#74

Fluoranthene

Concen: 39.91 ng

RT: 12.38 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

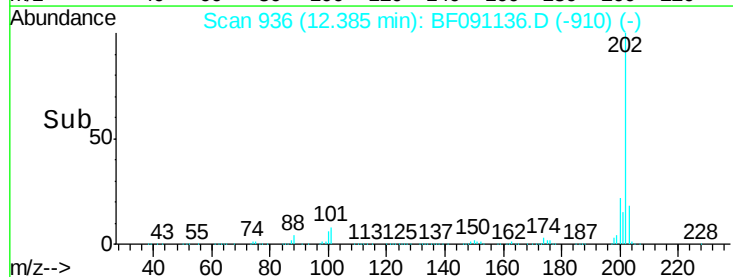
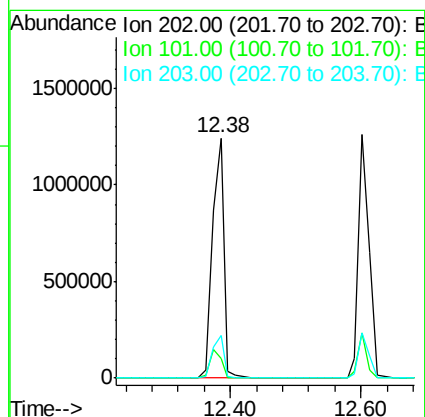
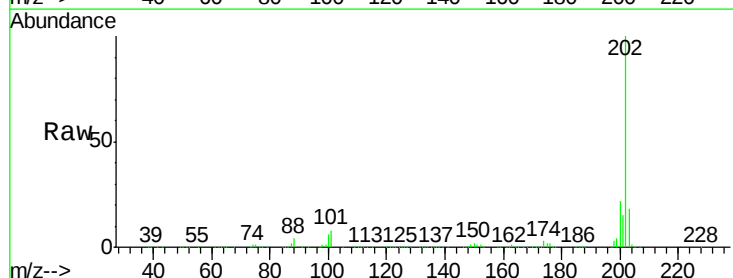
Tgt Ion:202 Resp: 1533705

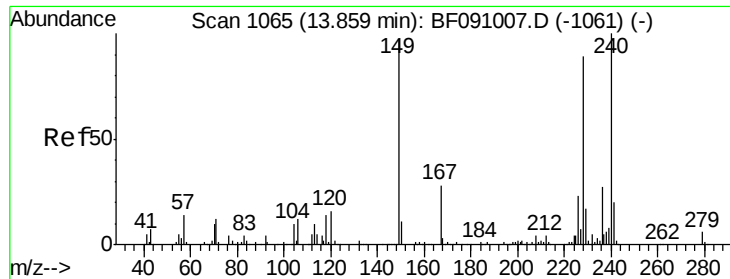
Ion Ratio Lower Upper

202 100

101 7.9 0.0 37.6

203 17.9 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Instrument :

BNA_F

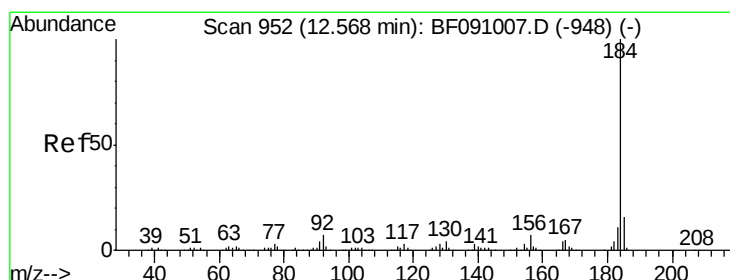
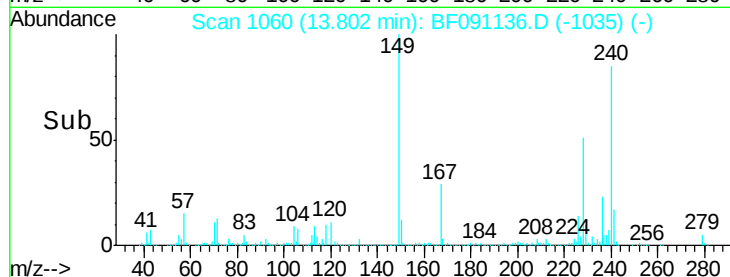
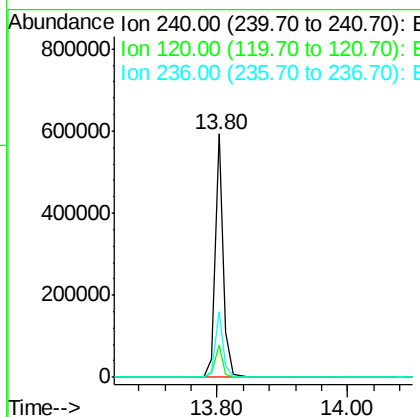
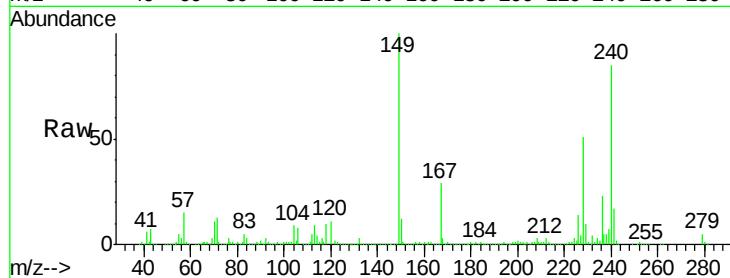
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	526836
Ion Ratio	Lower	Upper	
240	100		
120	13.3	12.9	19.3
236	27.1	21.9	32.9

Manual Integrations
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#76

Benzidine

Concen: 25.11 ng

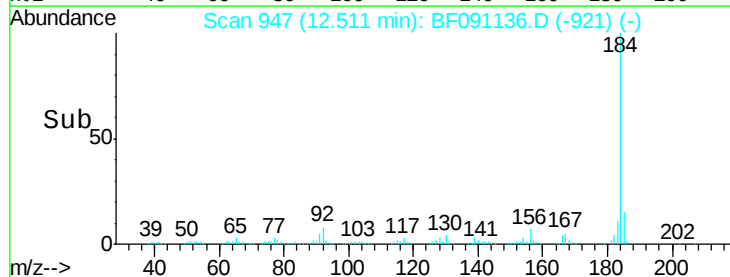
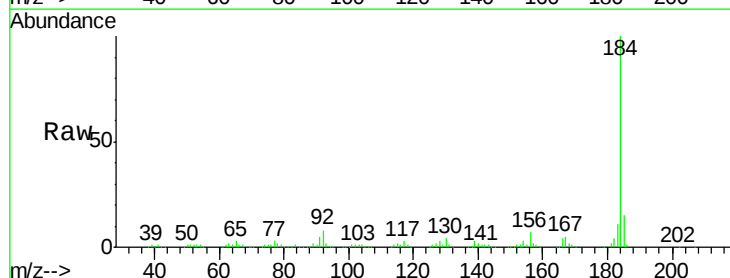
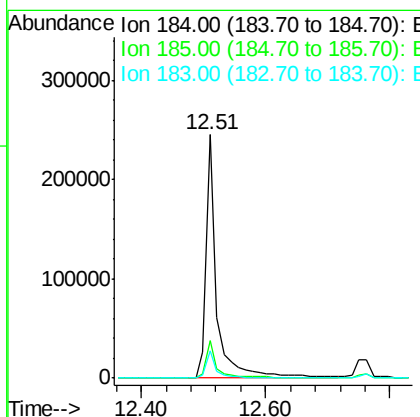
RT: 12.51 min Scan# 947

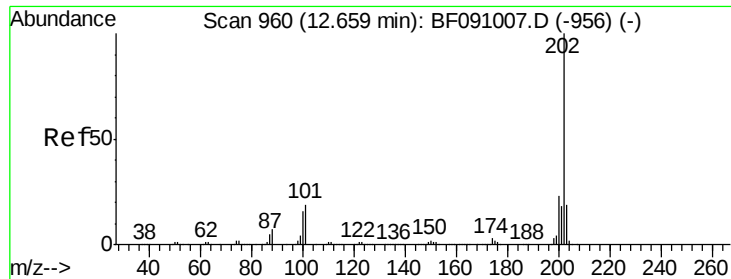
Delta R.T. -0.00 min

Lab File: BF091136.D

Acq: 9 Nov 2016 20:45

Tgt Ion:	184	Resp:	295540
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.0	19.4
183	11.3	8.7	13.1





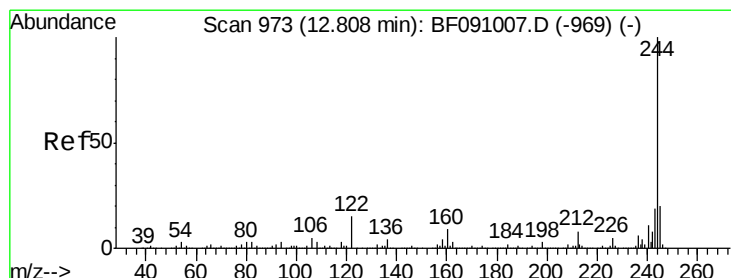
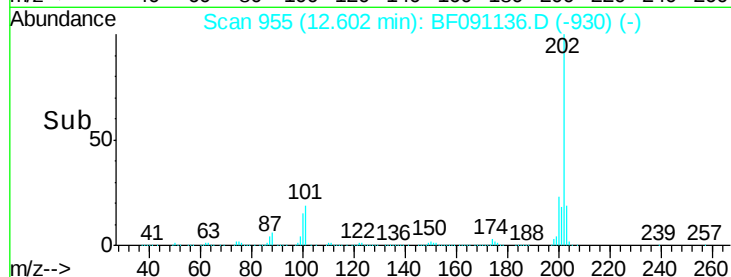
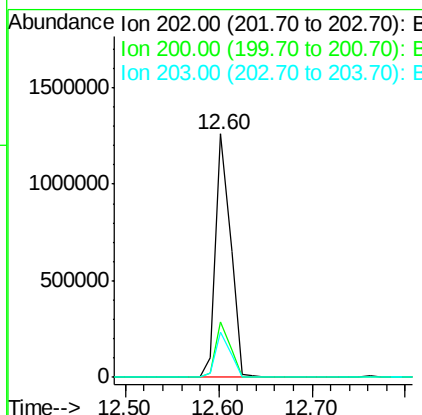
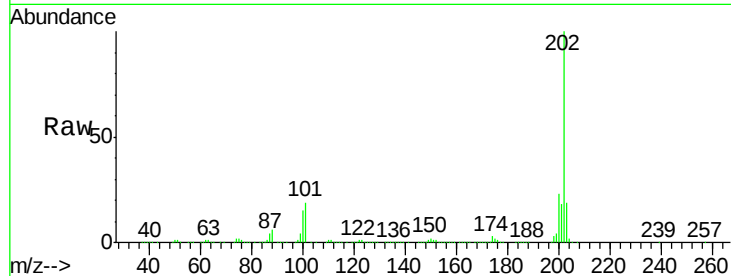
#77
Pvrene
Concen: 40.73 ng
RT: 12.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 1405146
Ion Ratio Lower Upper
202 100
200 22.7 18.4 27.6
203 18.5 15.0 22.6

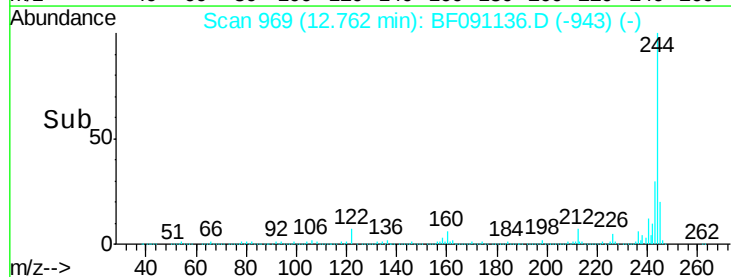
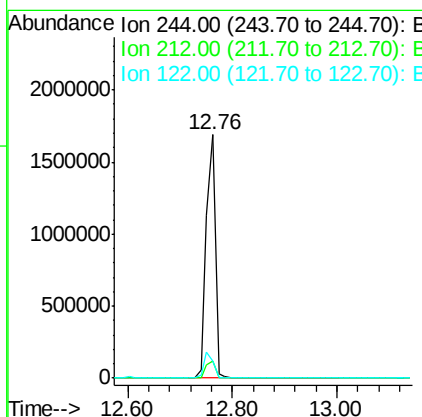
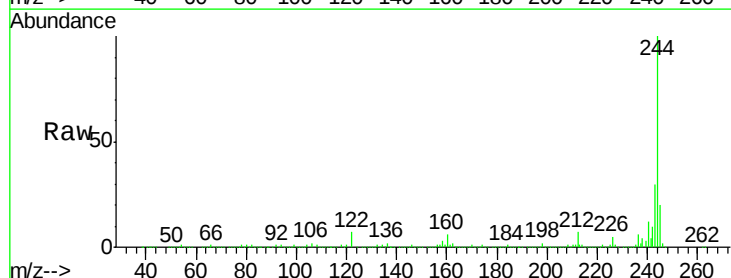
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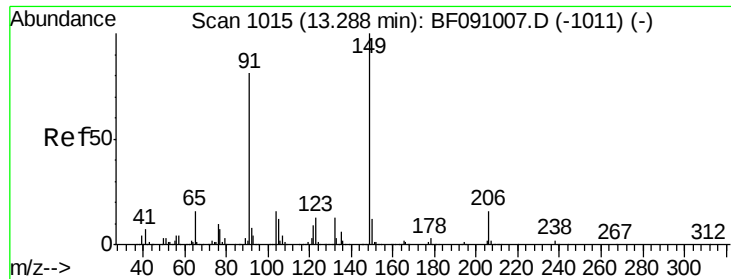
Sohil
11/10/2016 8:39:39 AM



#78
Terphenyl-d14
Concen: 96.04 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion:244 Resp: 2027622
Ion Ratio Lower Upper
244 100
212 6.9 6.4 9.6
122 7.1 12.3 18.5#





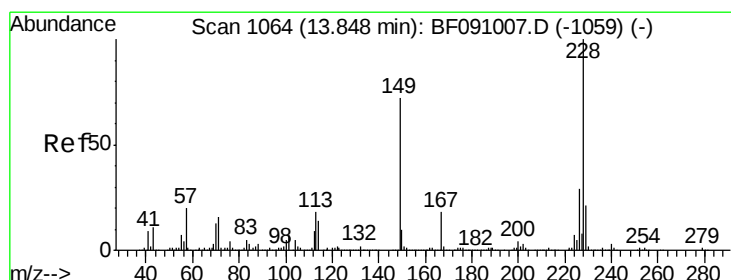
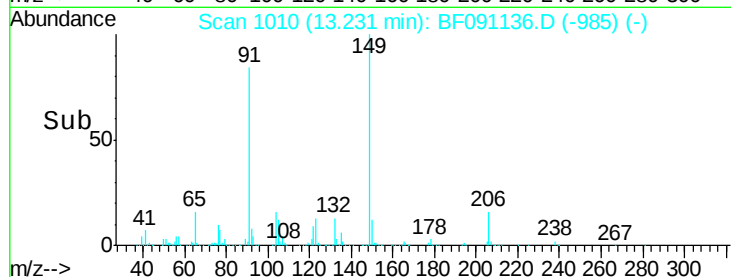
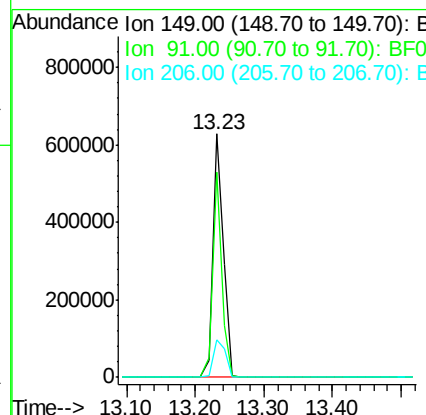
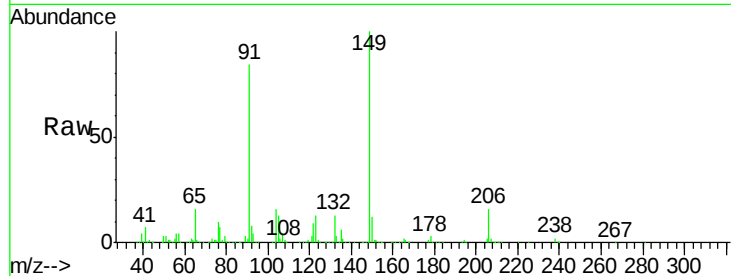
#79
Butylbenzylphthalate
Concen: 40.67 ng
RT: 13.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.2	65.0	97.4
206	15.5	12.5	18.7

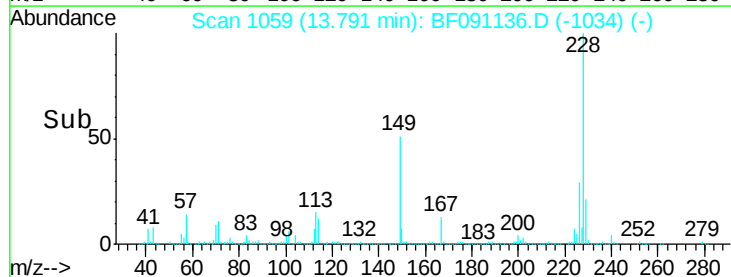
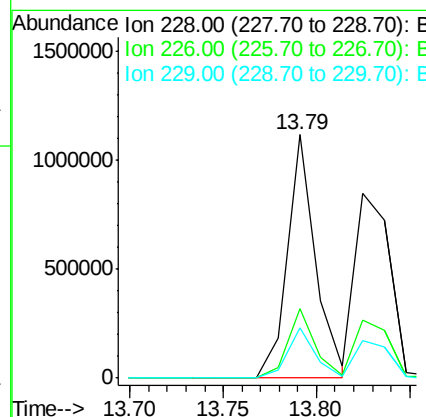
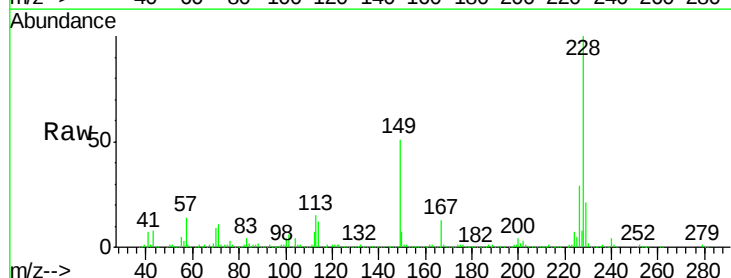
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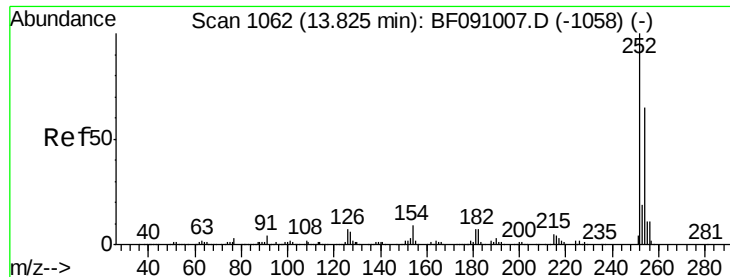
Sohil
11/10/2016 8:39:39 AM



#80
Benzo(a)anthracene
Concen: 39.22 ng
RT: 13.79 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.8	16.6	24.8





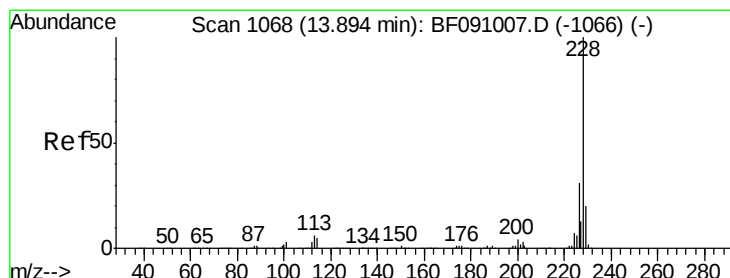
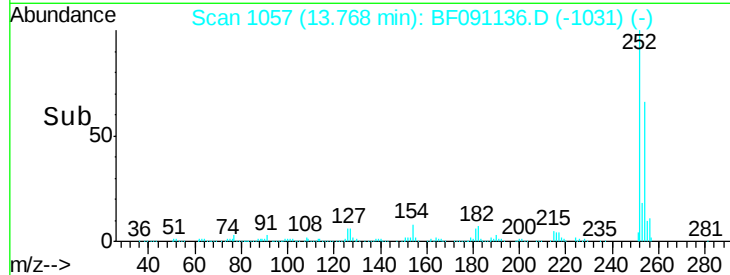
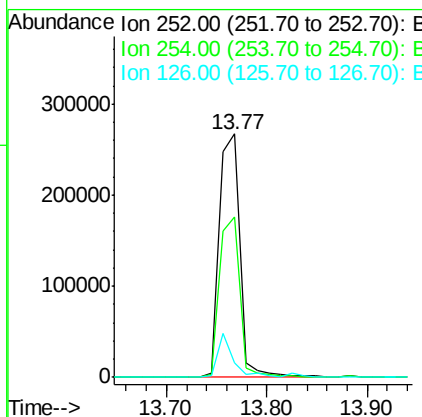
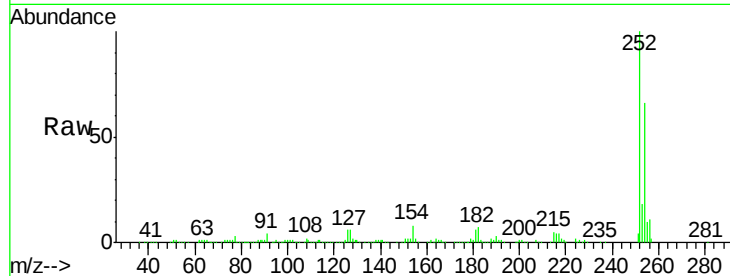
#81
 3,3'-Dichlorobenzidine
 Concen: 36.45 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.0	78.0
126	6.1	5.4	8.2

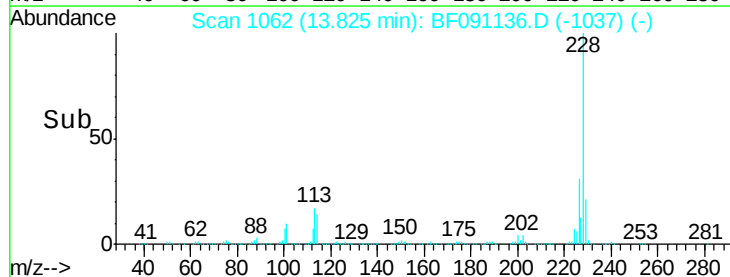
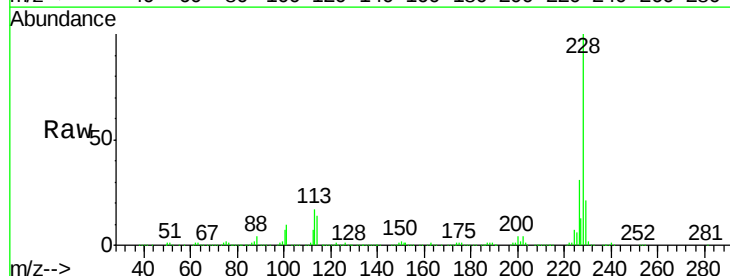
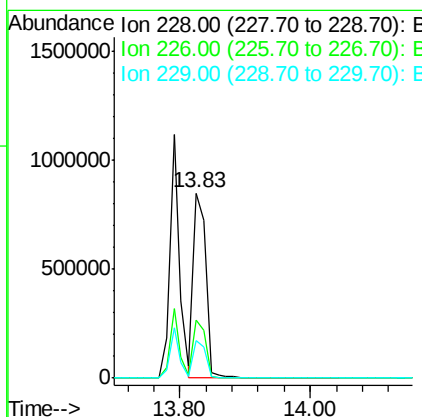
Manual Integrations
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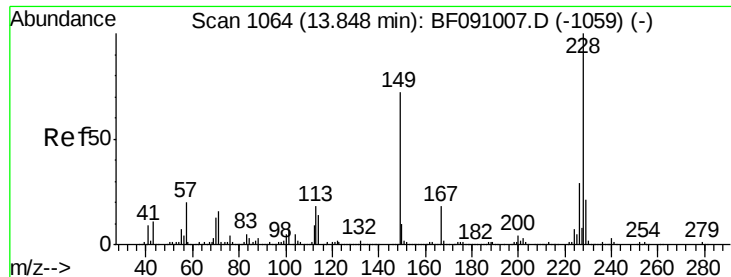
Sohil
 11/10/2016 8:39:39 AM



#82
 Chrysene
 Concen: 38.22 ng
 RT: 13.83 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.6	15.9	23.9





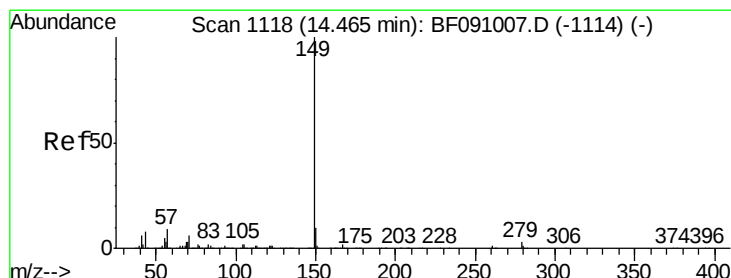
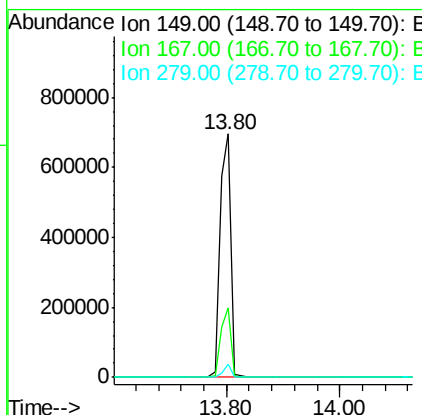
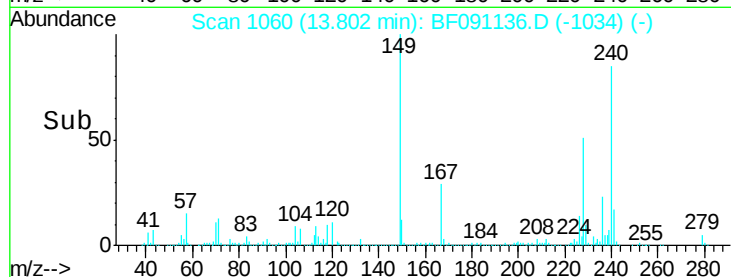
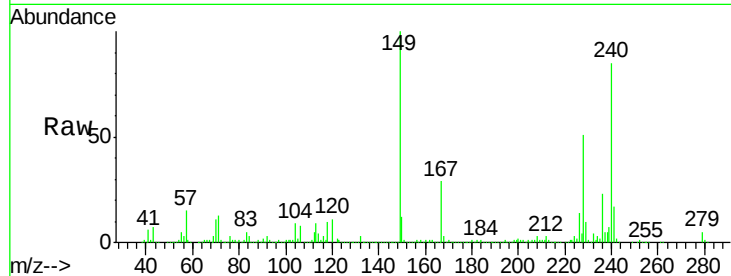
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.05 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	894438		
167	28.6		20.4	30.6
279	5.3		1.6	2.4#

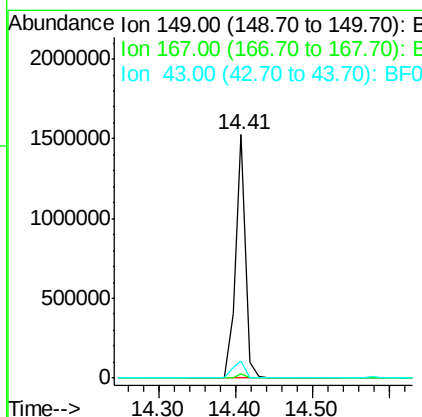
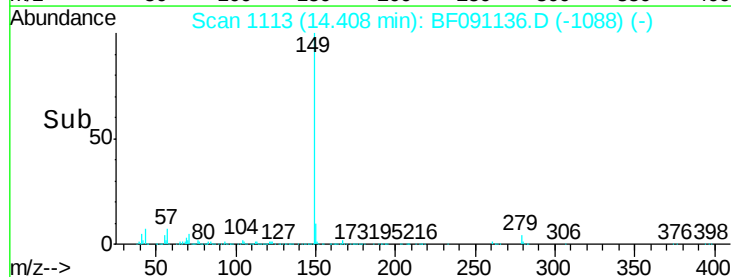
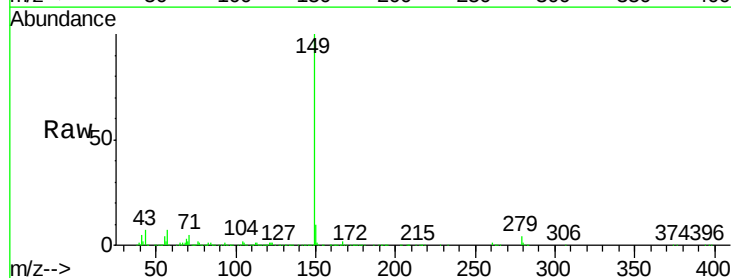
Manual Integrations
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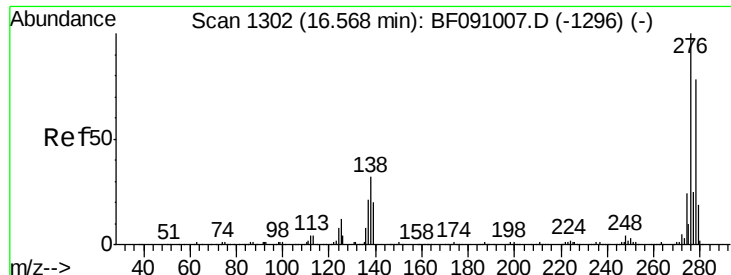
Sohil
 11/10/2016 8:39:39 AM



#84
 Di-n-octyl phthalate
 Concen: 38.28 ng
 RT: 14.41 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1405560		
167	1.6		1.2	1.8
43	8.8		8.2	12.4





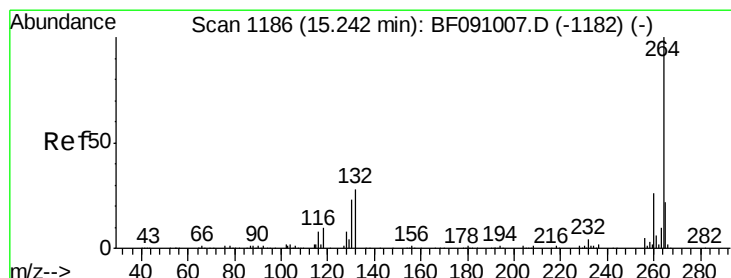
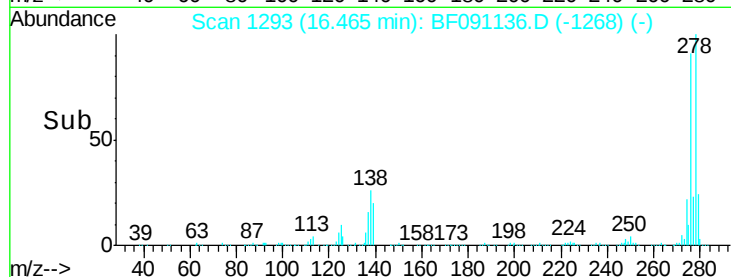
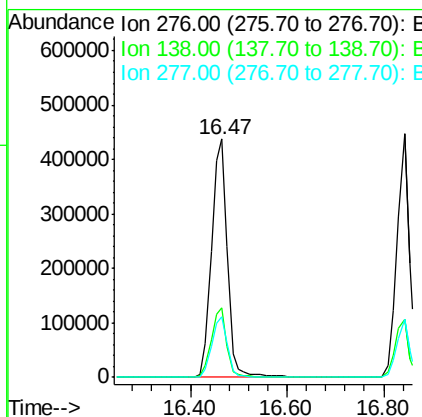
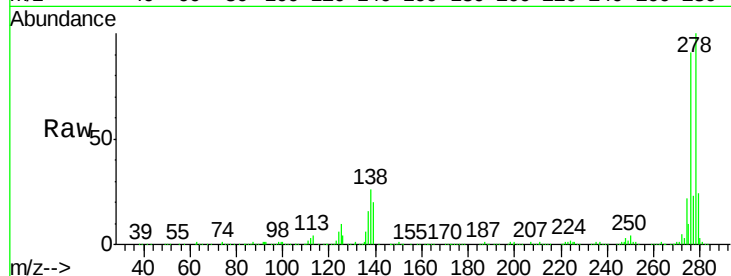
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.49 ng
RT: 16.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	26.0	39.0
277	25.3	20.1	30.1

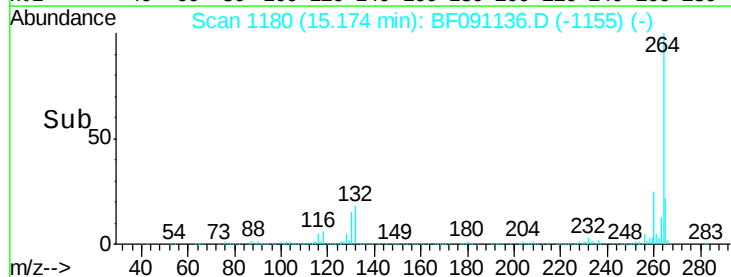
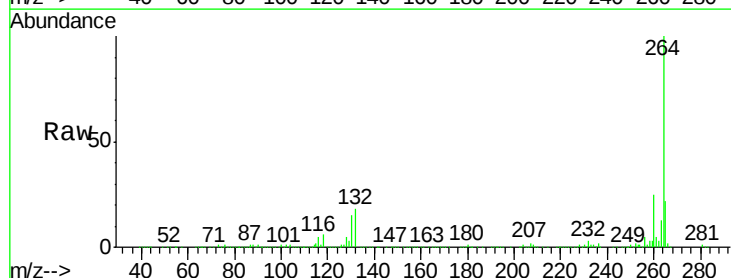
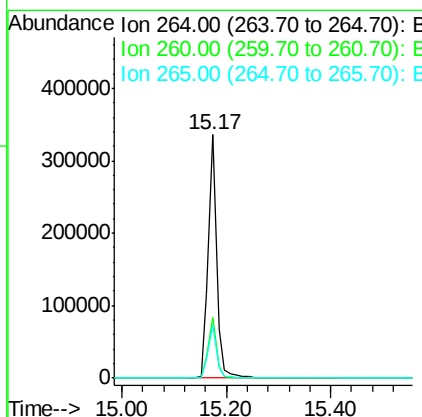
Manual Integrations
APPROVED

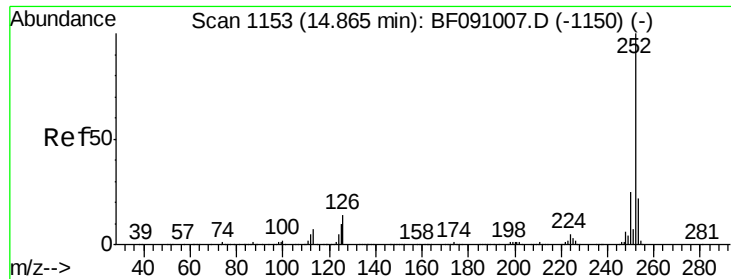
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.7	17.8	26.8





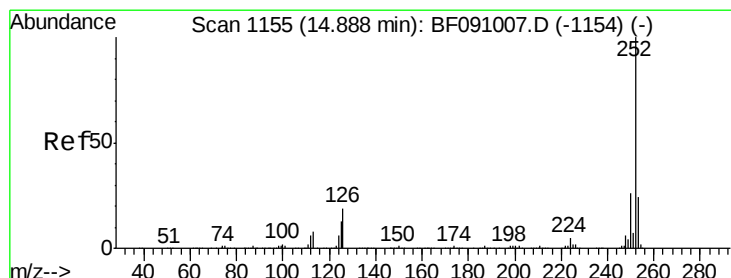
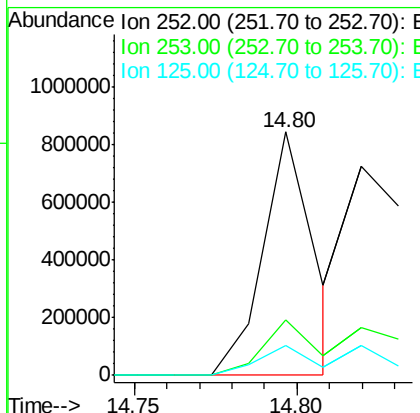
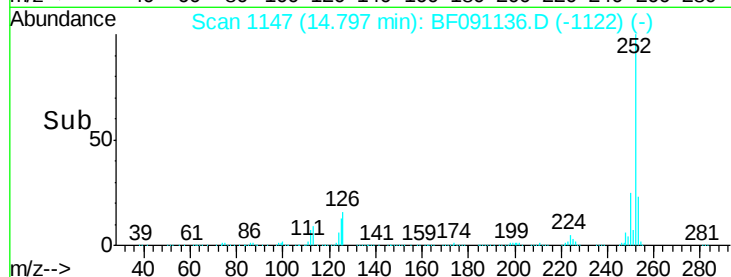
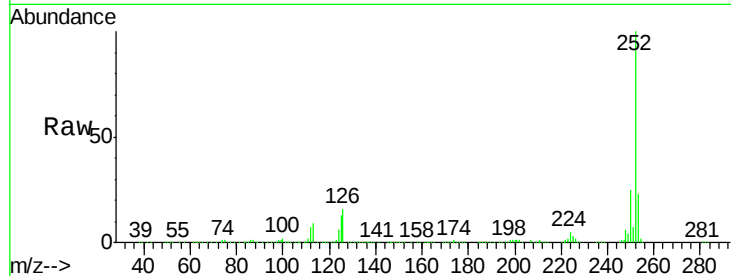
#87
Benzo(b)fluoranthene
Concen: 35.52 ng m
RT: 14.80 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.5	8.3	12.5

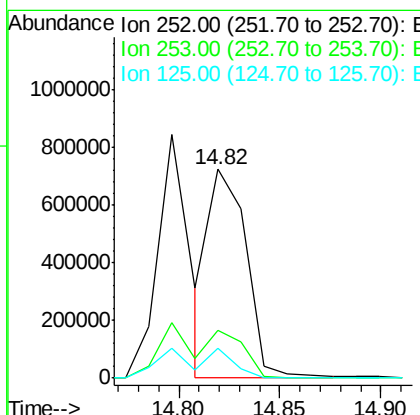
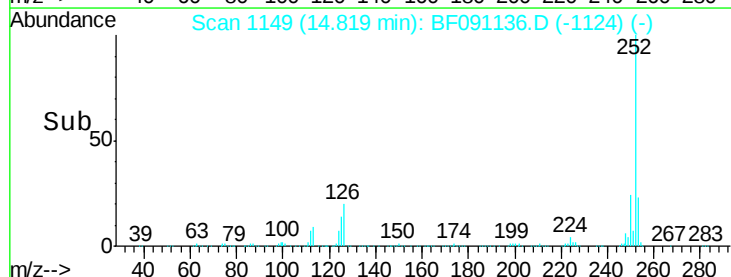
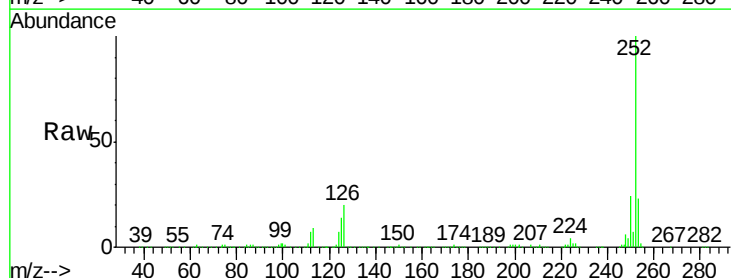
Manual Integrations
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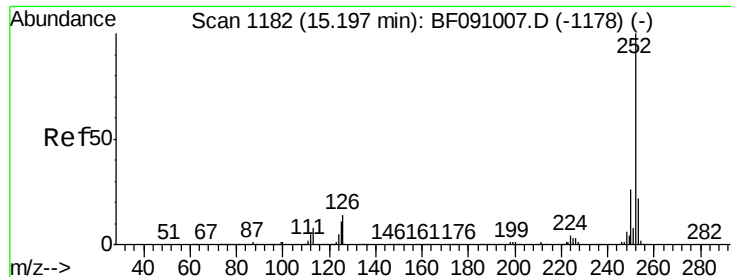
Sohil
11/10/2016 8:39:39 AM



#88
Benzo(k)fluoranthene
Concen: 41.91 ng m
RT: 14.82 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	14.4	11.2	16.8





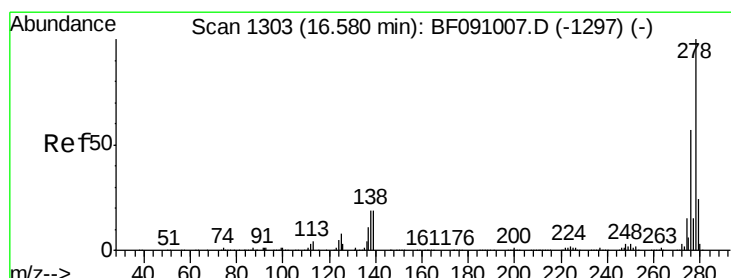
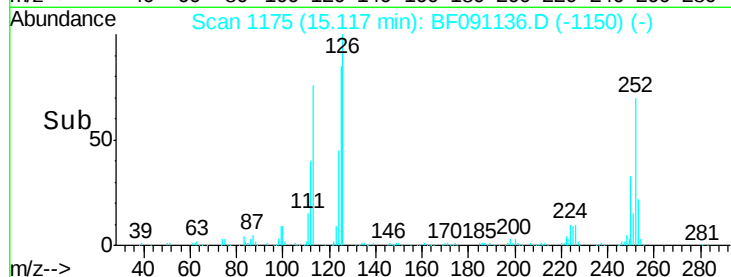
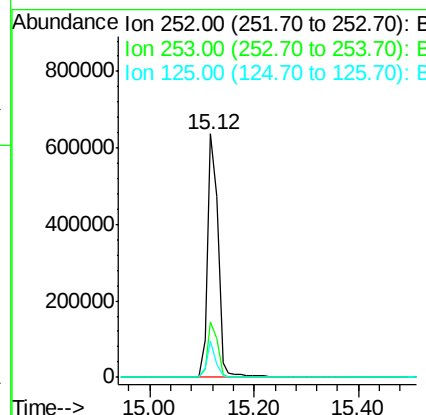
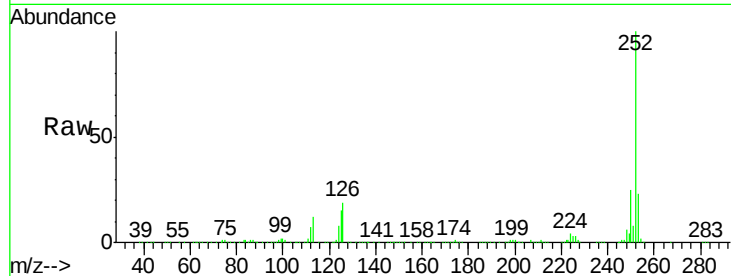
#89
Benzo(a)pyrene
Concen: 39.45 ng
RT: 15.12 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	15.1	8.6	13.0

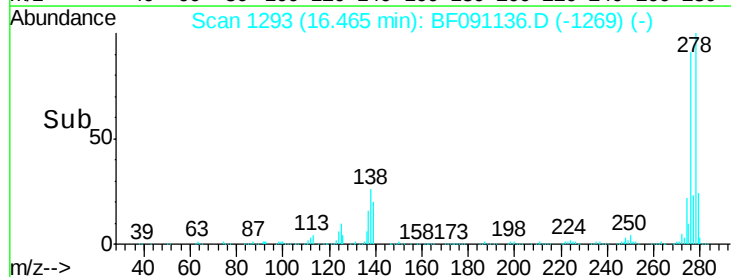
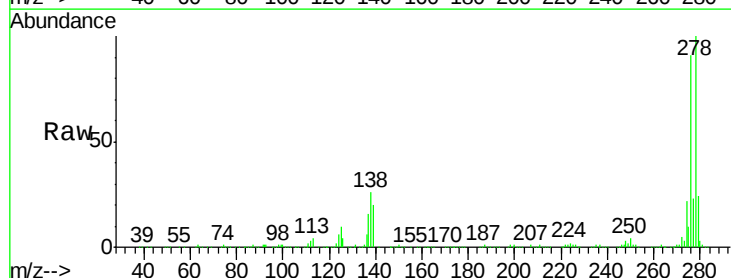
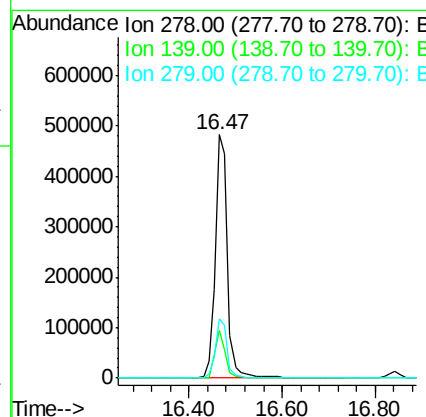
Manual Integrations
APPROVED

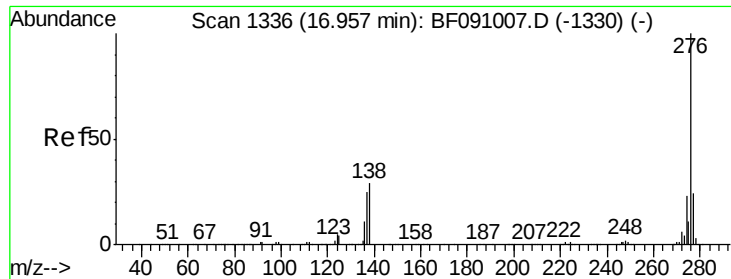
Sohil
11/10/2016 8:39:39 AM



#90
Dibenzo(a,h)anthracene
Concen: 46.08 ng
RT: 16.47 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF091136.D
Acq: 9 Nov 2016 20:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.3	22.9
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.56 ng
 RT: 16.84 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF091136.D
 Acq: 9 Nov 2016 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	23.9	23.3	34.9

Manual Integrations
 APPROVED

Sohil
 11/10/2016 8:39:39 AM

