

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120516\
 Data File : BF091420.D
 Acq On : 5 Dec 2016 16:13
 Operator : UM/SJ
 Sample : PB95045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Manual Integrations
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 12/6/2016 3:01:16 PM

Quant Time: Dec 06 00:23:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:16:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	184837	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	801778	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	454193	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	802448	20.00	ng	0.00
75) Chrysene-d12	14.00	240	470039	20.00	ng	0.00
86) Perylene-d12	15.43	264	465321	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1403185	124.02	ng	0.02
7) Phenol-d6	6.49	99	1619536	116.28	ng	0.01
23) Nitrobenzene-d5	7.42	82	1184998	82.83	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	540321	125.66	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	1991181	79.38	ng	0.00
78) Terphenyl-d14	12.96	244	2231798	103.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	171733	33.55	ng	# 84
3) Pyridine	3.25	79	423102	29.21	ng	# 83
4) n-Nitrosodimethylamine	3.20	42	282385	37.15	ng	# 97
6) Aniline	6.52	93	462877	25.02	ng	# 70
8) 2-Chlorophenol	6.64	128	489615	39.47	ng	# 98
9) Benzaldehyde	6.39	77	161499	18.03	ng	# 92
10) Phenol	6.50	94	614988	37.52	ng	# 97
11) bis(2-Chloroethyl)ether	6.58	93	442918	37.82	ng	# 92
12) 1,3-Dichlorobenzene	6.79	146	524997	38.04	ng	# 98
13) 1,4-Dichlorobenzene	6.87	146	568617	41.43	ng	# 99
14) 1,2-Dichlorobenzene	7.02	146	498424	38.98	ng	# 99
15) Benzyl Alcohol	7.00	79	494760	44.39	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1020650	40.54	ng	# 72
17) 2-Methylphenol	7.11	107	433758	44.23	ng	# 75
18) Hexachloroethane	7.36	117	206359	42.34	ng	# 87
19) n-Nitroso-di-n-propylamine	7.27	70	373238	42.53	ng	# 97
20) 3+4-Methylphenols	7.26	107	523532	43.73	ng	# 63
22) Acetophenone	7.26	105	758731	39.93	ng	# 76
24) Nitrobenzene	7.43	77	544721	37.19	ng	# 94
25) Isophorone	7.68	82	1078407	42.55	ng	# 99
26) 2-Nitrophenol	7.75	139	274593	41.14	ng	# 95
27) 2,4-Dimethylphenol	7.80	122	541112	43.33	ng	# 94
28) bis(2-Chloroethoxy)methane	7.89	93	625315	40.99	ng	# 99
29) 2,4-Dichlorophenol	7.99	162	436424	39.73	ng	# 96
30) 1,2,4-Trichlorobenzene	8.08	180	512426	41.61	ng	# 97
31) Naphthalene	8.16	128	1571912	41.25	ng	# 100
32) Benzoic acid	7.93	122	404470	43.94	ng	# 92
33) 4-Chloroaniline	8.21	127	220701	13.55	ng	# 96
34) Hexachlorobutadiene	8.28	225	288723	38.12	ng	# 97
35) Caprolactam	8.58	113	147639m	46.76	ng	# 99
36) 4-Chloro-3-methylphenol	8.70	107	510960	43.08	ng	# 81
37) 2-Methylnaphthalene	8.85	142	996722	38.50	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	513311	40.09	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	510267	85.98	ng	# 99

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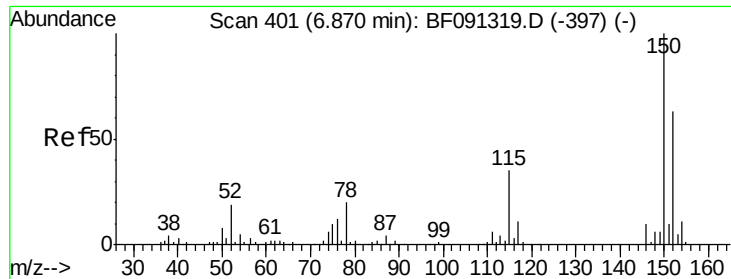
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	371357	44.63	nq	96
43) 2,4,5-Trichlorophenol	9.17	196	330367	39.62	nq #	87
45) 1,1'-Biphenyl	9.32	154	1324396	40.55	nq	96
46) 2-Chloronaphthalene	9.34	162	972534	39.99	nq	98
47) 2-Nitroaniline	9.43	65	332983	38.12	nq #	78
48) Acenaphthylene	9.75	152	1413611	36.92	nq	99
49) Dimethylphthalate	9.62	163	1234584	44.89	nq	99
50) 2,6-Dinitrotoluene	9.68	165	292386	47.57	nq #	60
51) Acenaphthene	9.92	154	1074763	41.62	nq	96
52) 3-Nitroaniline	9.84	138	152265	21.40	nq	95
53) 2,4-Dinitrophenol	9.96	184	284135	105.70	nq #	70
54) Dibenzofuran	10.09	168	1390445	40.21	nq	99
55) 4-Nitrophenol	10.01	139	455125	88.57	nq #	83
56) 2,4-Dinitrotoluene	10.08	165	375992	47.15	nq #	74
57) Fluorene	10.44	166	1001544	37.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	308659	43.34	nq	96
59) Diethylphthalate	10.32	149	1203902	44.35	nq	95
60) 4-Chlorophenyl-phenylether	10.44	204	552585	41.50	nq	98
61) 4-Nitroaniline	10.46	138	240096	35.94	nq	89
62) Azobenzene	10.60	77	1311811	47.36	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	203789	46.10	nq #	29
65) n-Nitrosodiphenylamine	10.55	169	910581	37.43	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	347405	40.28	nq #	72
67) Hexachlorobenzene	10.98	284	349483	37.50	nq #	83
68) Atrazine	11.08	200	327593	41.57	nq	98
69) Pentachlorophenol	11.18	266	398695	72.66	nq	95
70) Phenanthrene	11.40	178	1463584	35.10	nq	99
71) Anthracene	11.45	178	1778572	42.98	nq	99
72) Carbazole	11.60	167	1403143	37.37	nq	99
73) Di-n-butylphthalate	11.94	149	1835383	43.13	nq	99
74) Fluoranthene	12.59	202	1803611	45.67	nq	98
76) Benzidine	12.70	184	490039	35.51	nq	98
77) Pyrene	12.81	202	1786513	50.08	nq	100
79) Butylbenzylphthalate	13.43	149	678450	50.79	nq	91
80) Benzo(a)anthracene	13.99	228	1207622	43.93	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	230304	23.78	nq	99
82) Chrysene	14.04	228	1248390	45.90	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	876399	51.76	nq #	90
84) Di-n-octyl phthalate	14.61	149	1537300	60.00	nq	96
85) Indeno(1,2,3-cd)pyrene	16.83	276	1156710	46.44	nq	95
87) Benzo(b)fluoranthene	15.02	252	1449305m	50.11	nq	
88) Benzo(k)fluoranthene	15.05	252	814861m	33.50	nq	
89) Benzo(a)pyrene	15.37	252	1069437	41.17	nq #	95
90) Dibenzo(a,h)anthracene	16.85	278	950887	39.58	nq #	94
91) Benzo(g,h,i)perylene	17.25	276	965620	38.98	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

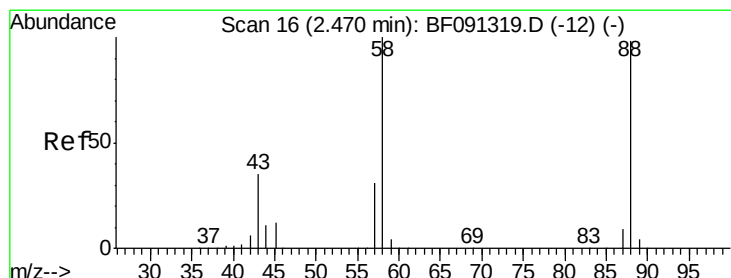
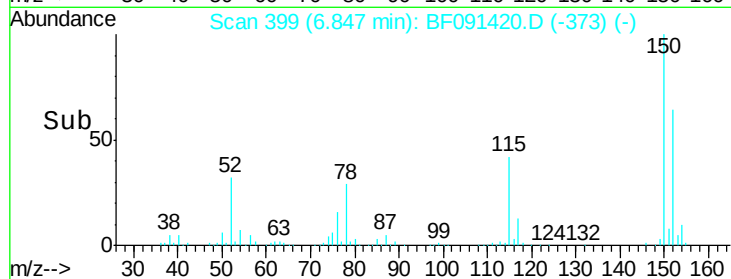
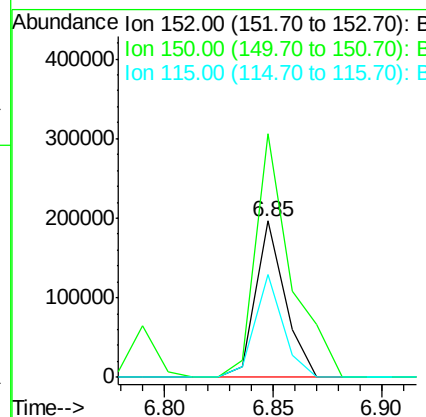
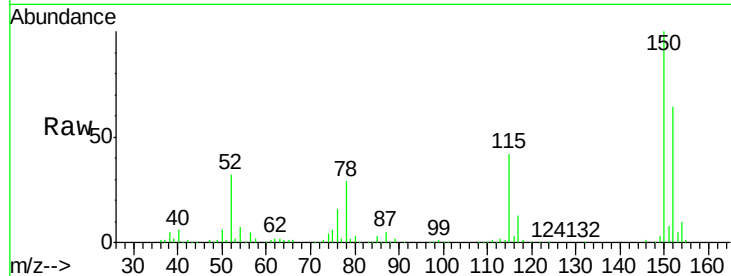
ClientSampleId :

PB95045BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.5	183.7
115	65.5	51.8	77.8

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#2

1,4-Dioxane

Concen: 33.55 ng

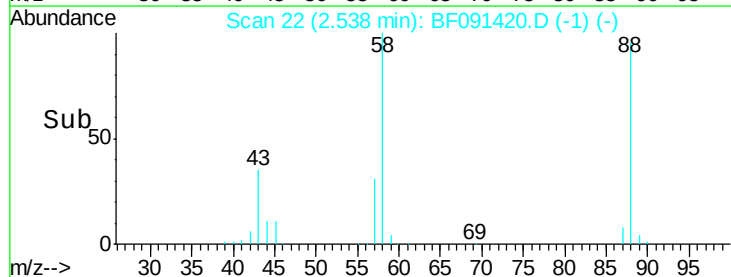
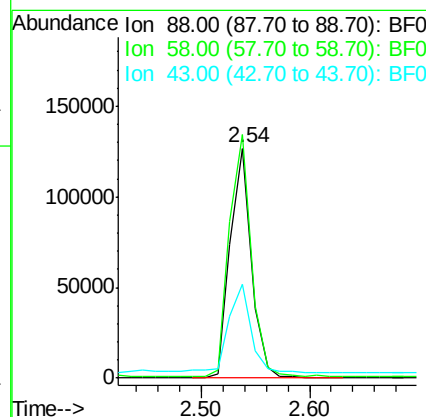
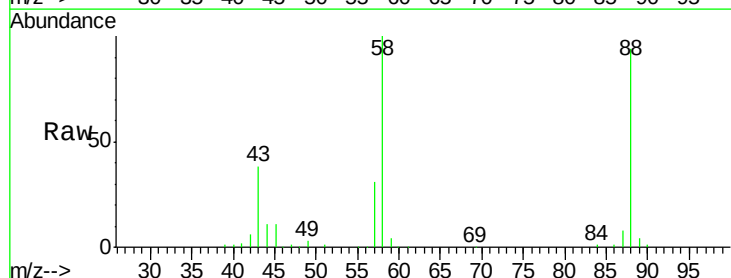
RT: 2.54 min Scan# 22

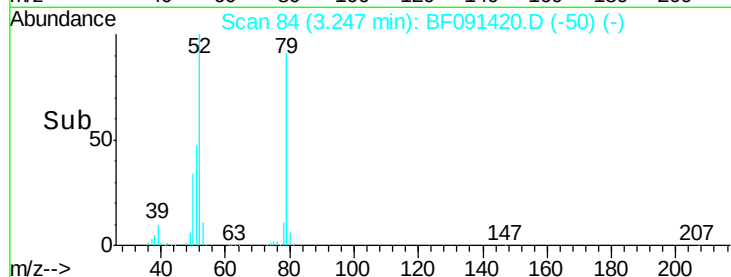
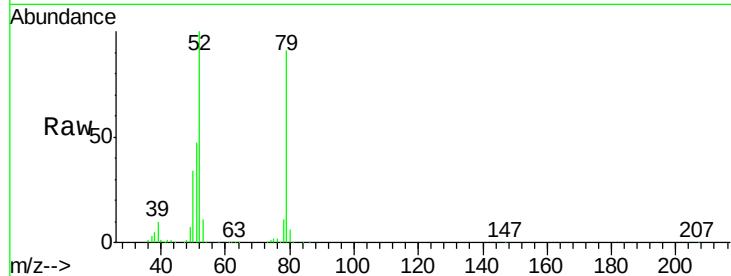
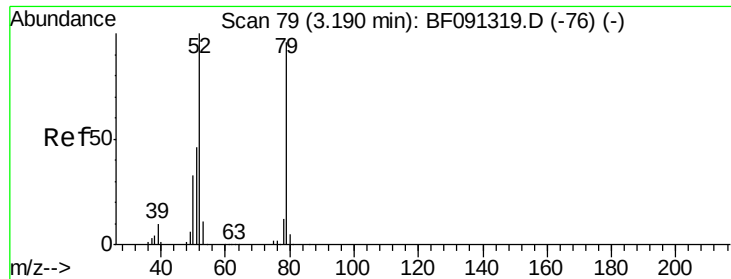
Delta R.T. 0.09 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.9	70.3	105.5#
43	40.8	31.3	46.9





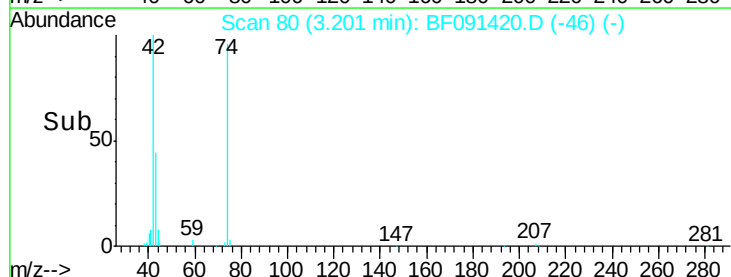
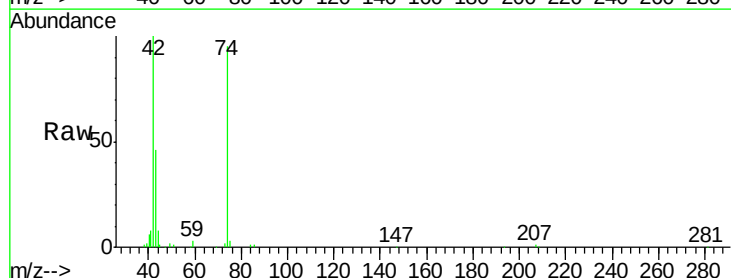
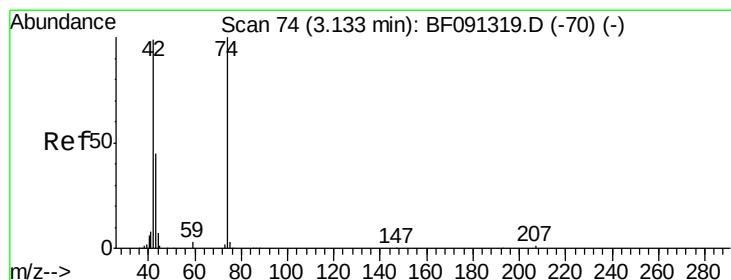
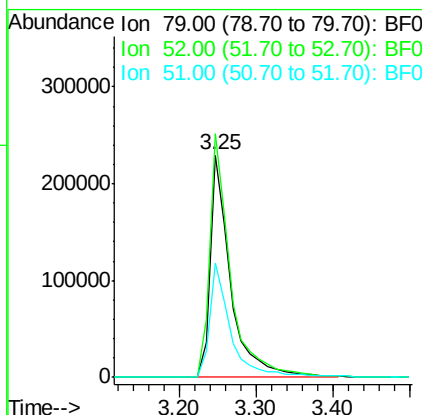
#3
 Pvridine
 Concen: 29.21 ng
 RT: 3.25 min Scan# 84
 Delta R.T. 0.09 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	109.4	71.0	106.4#
51	51.7	37.0	55.4

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

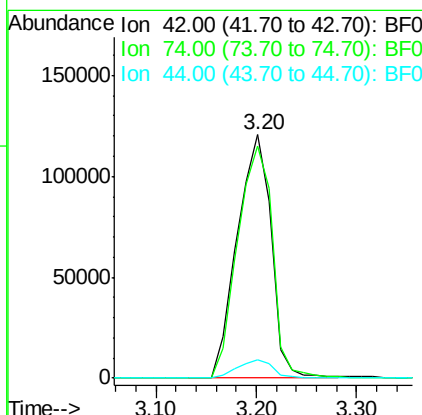
Manual Integrations
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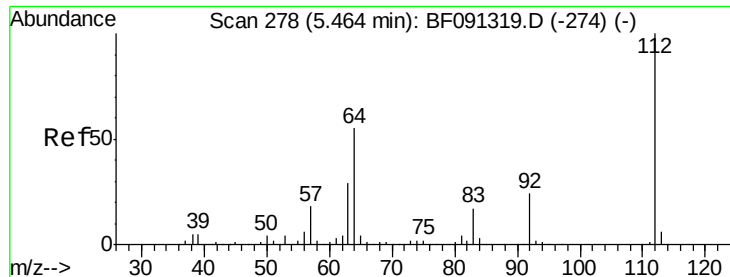
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#4
 n-Nitrosodimethylamine
 Concen: 37.15 ng
 RT: 3.20 min Scan# 80
 Delta R.T. 0.09 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	95.2	78.9	118.3
44	7.6	5.8	8.6





#5

2-Fluorophenol

Concen: 124.02 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.02 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB95045BS

Tot Ion:112 Resp: 1403185

Ion Ratio Lower Upper

112 100

64 69.5 61.5 92.3

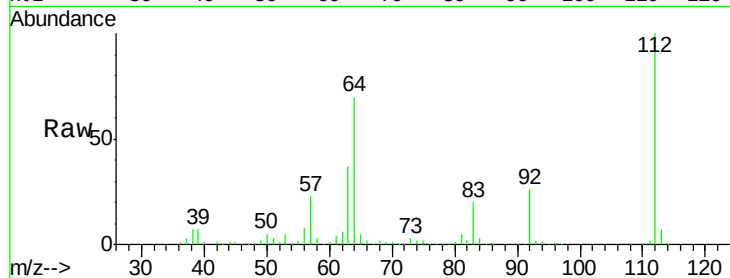
63 37.0 33.3 49.9

Manual Integrations

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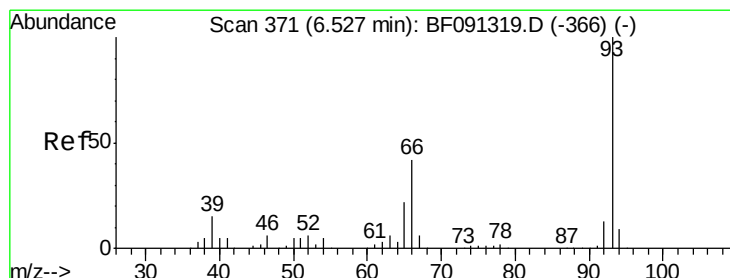
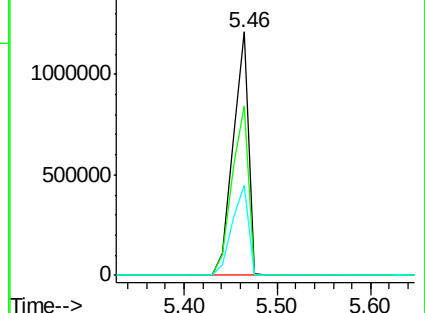
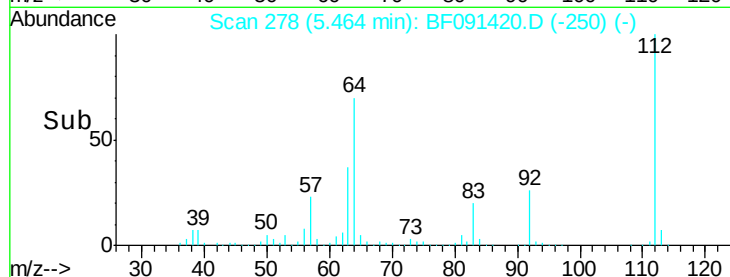
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.02 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

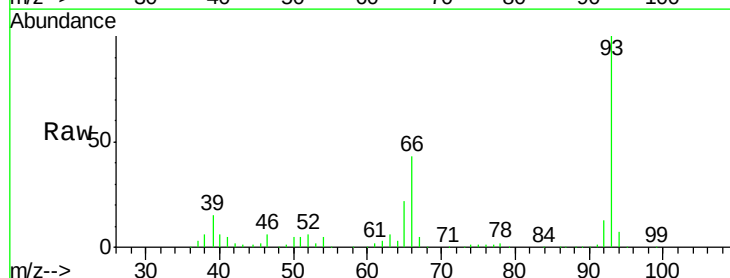
Tgt Ion: 93 Resp: 462877

Ion Ratio Lower Upper

93 100

66 42.5 55.8 83.6#

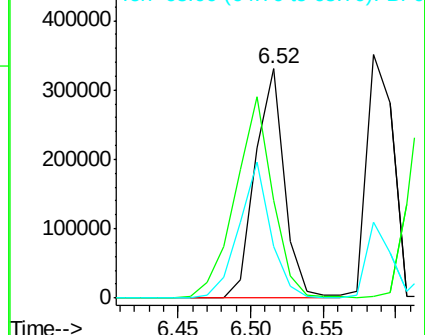
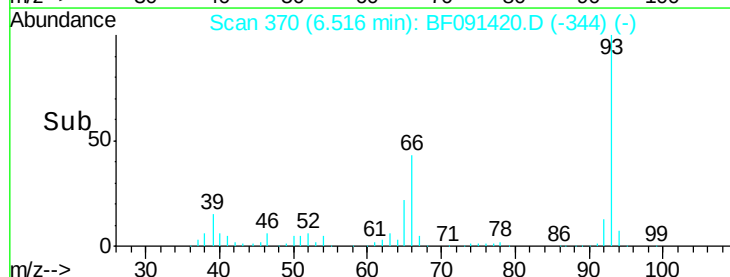
65 22.3 29.9 44.9#

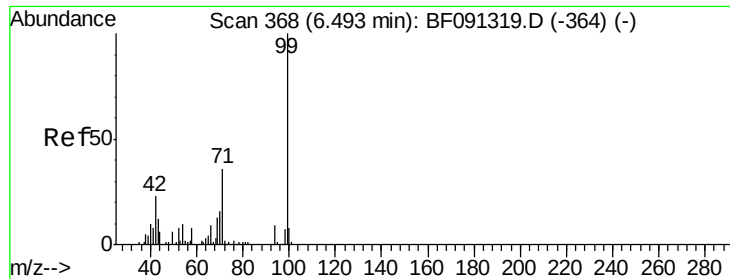


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.28 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.01 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB95045BS

Tot Ion: 99 Resp: 1619536

Ion Ratio Lower Upper

99 100

42 20.4 20.6 31.0#

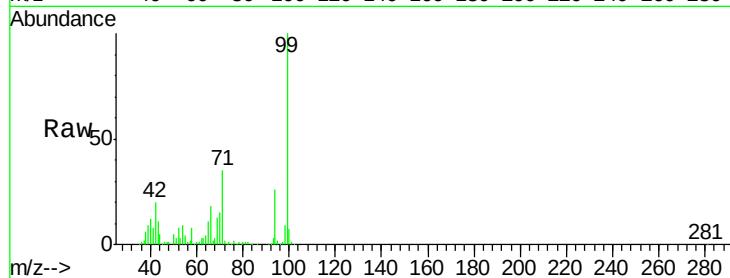
71 34.7 29.9 44.9

Manual Integrations

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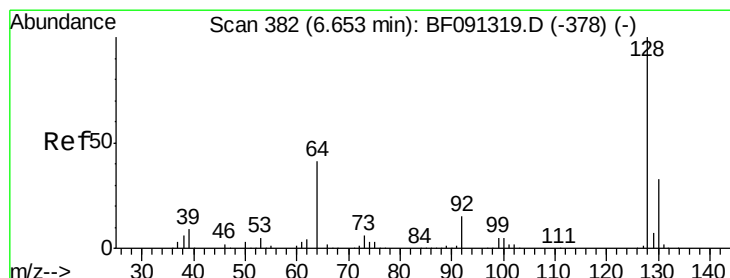
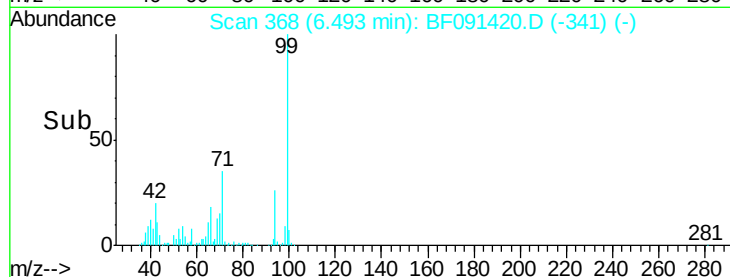
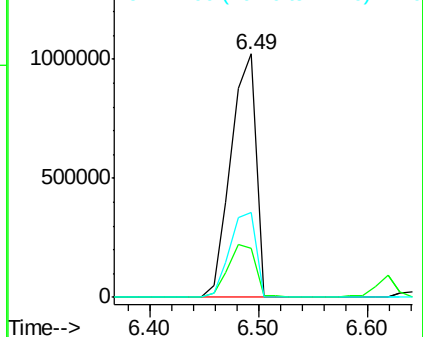
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.47 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

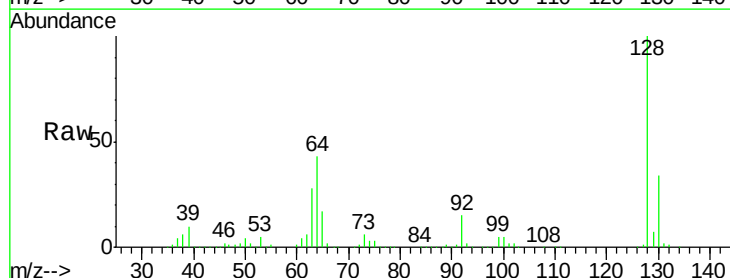
Tgt Ion:128 Resp: 489615

Ion Ratio Lower Upper

128 100

130 33.6 13.1 53.1

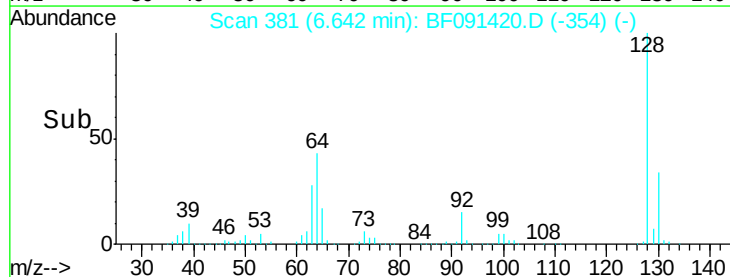
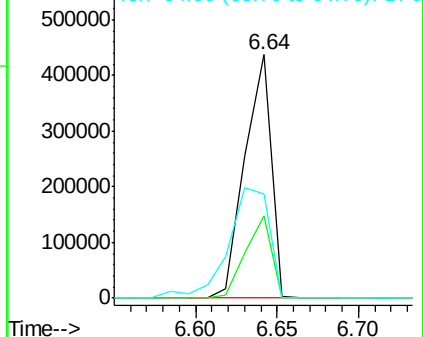
64 42.5 24.1 64.1

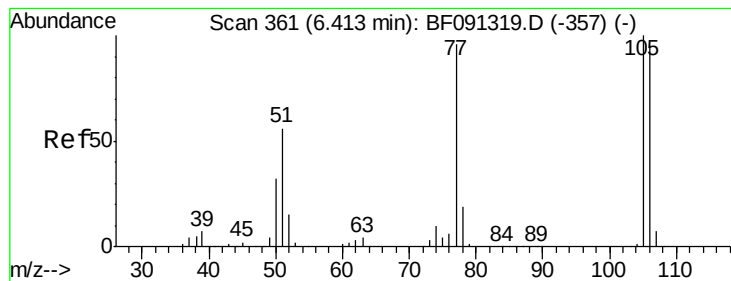


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.03 ng

RT: 6.39 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

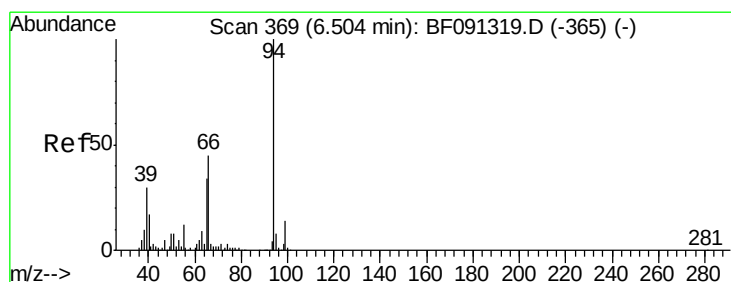
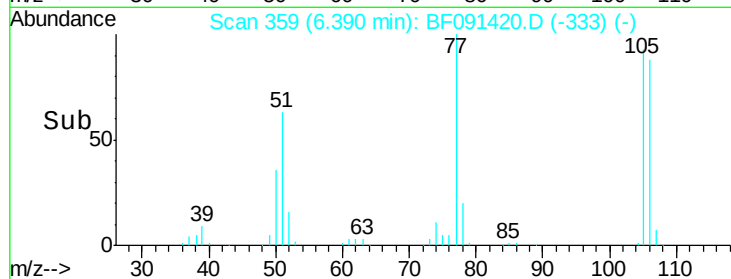
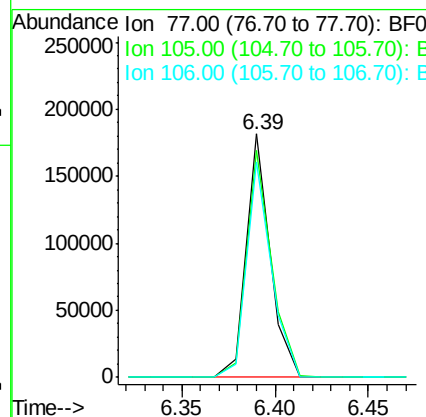
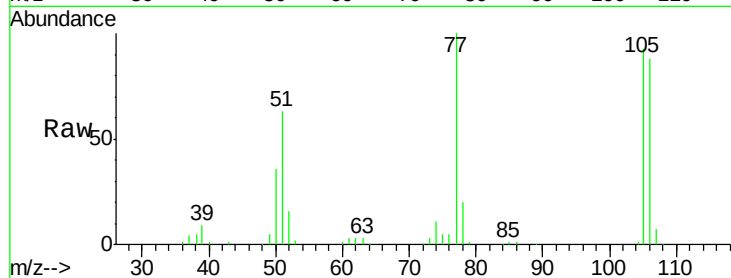
ClientSampleId :

PB95045BS

Tot Ion:	77	Resp:	161499
Ion Ratio	Lower	Upper	
77	100		
105	93.1	66.4	106.4
106	88.2	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 37.52 ng

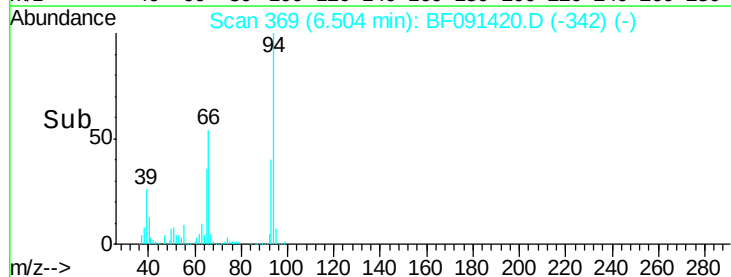
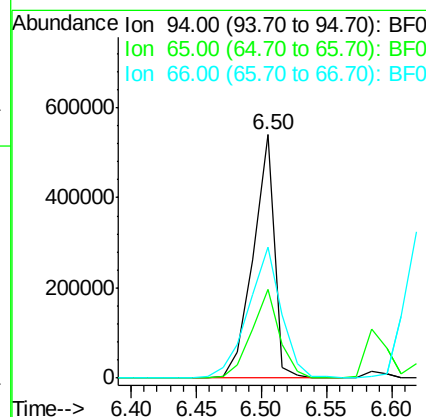
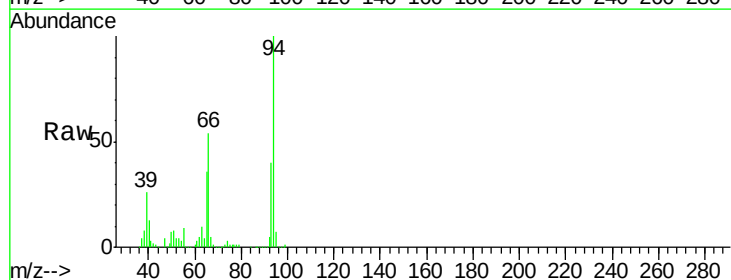
RT: 6.50 min Scan# 369

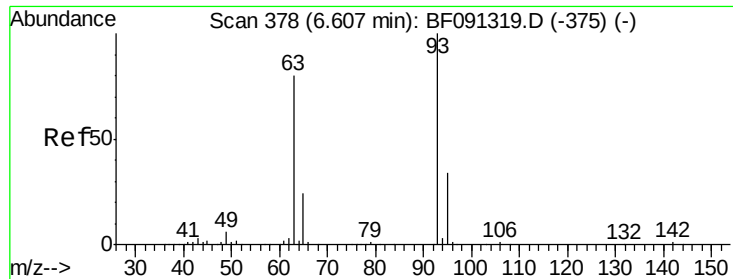
Delta R.T. 0.01 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion:	94	Resp:	614988
Ion Ratio	Lower	Upper	
94	100		
65	36.4	16.9	56.9
66	53.7	30.6	70.6





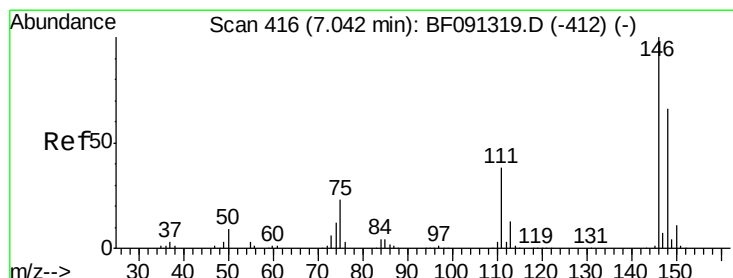
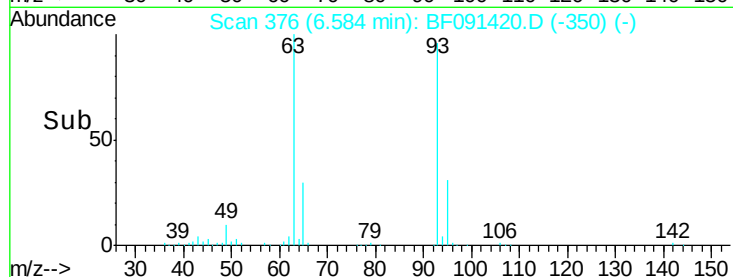
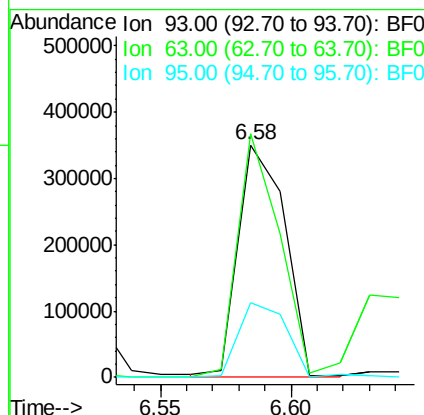
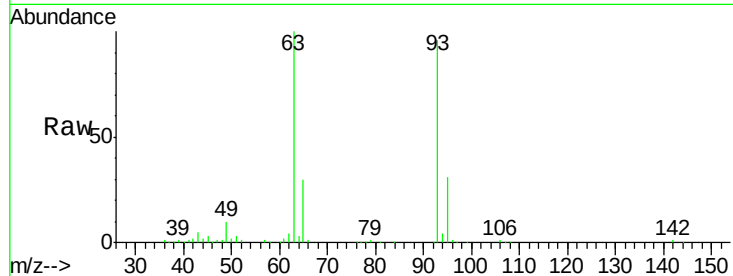
#11
bis(2-Chloroethyl)ether
Concen: 37.82 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	104.7	74.8	114.8
95	32.3	12.4	52.4

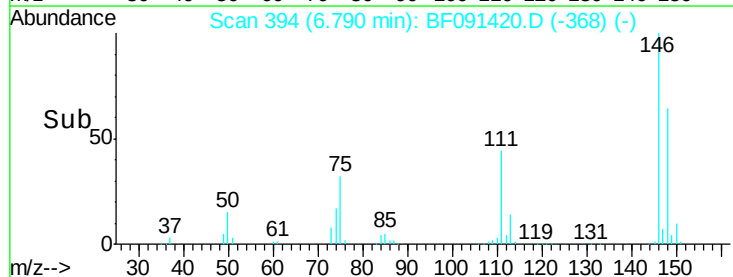
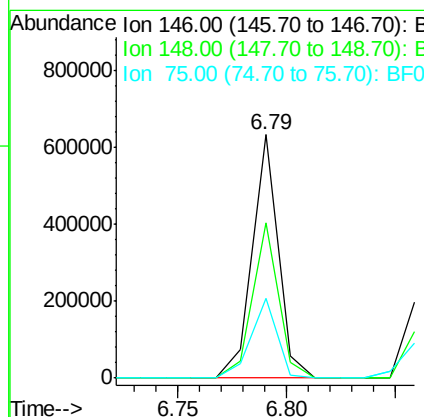
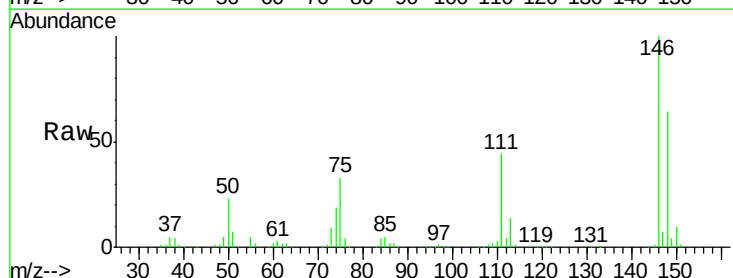
Manual Integrations
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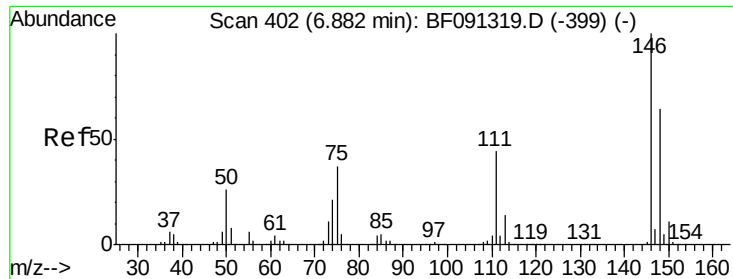
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.04 ng
RT: 6.79 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	33.0	23.6	35.4





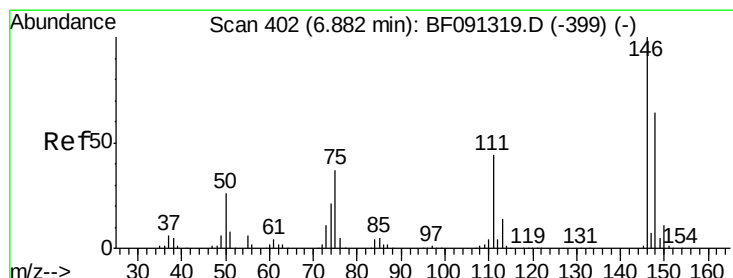
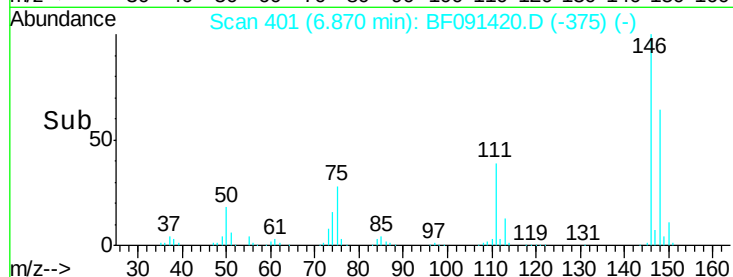
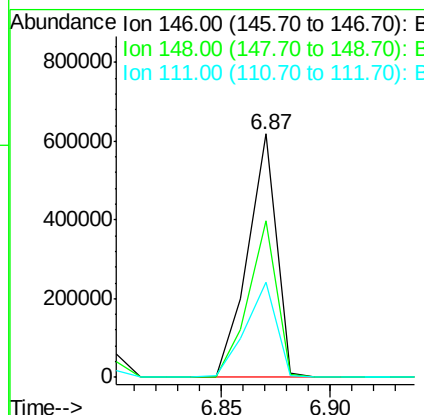
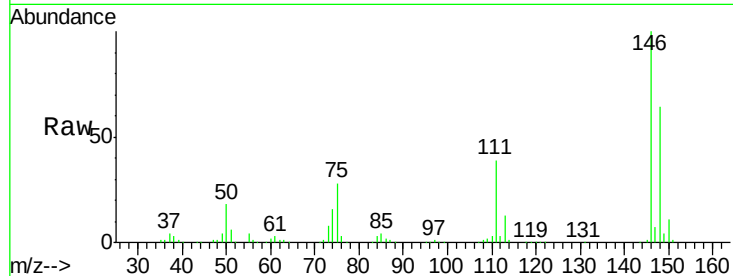
#13
1,4-Dichlorobenzene
Concen: 41.43 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	39.2	32.2	48.2

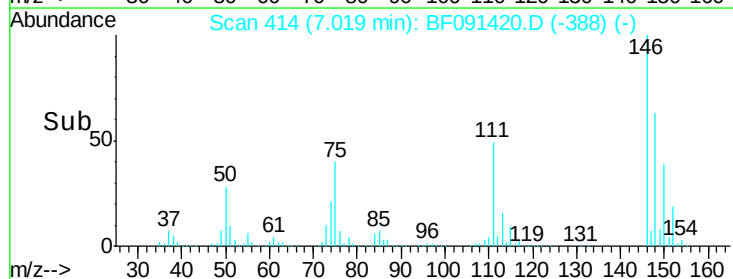
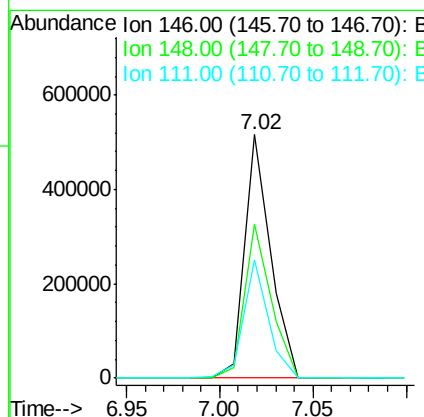
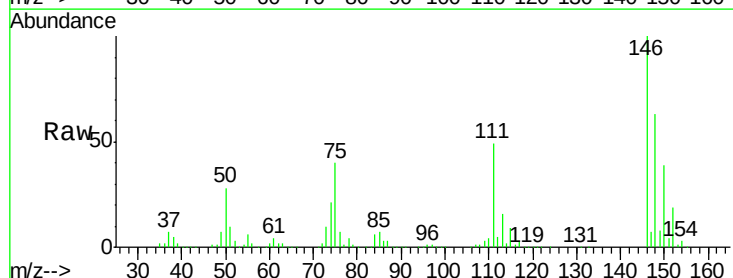
Manual Integrations
APPROVED

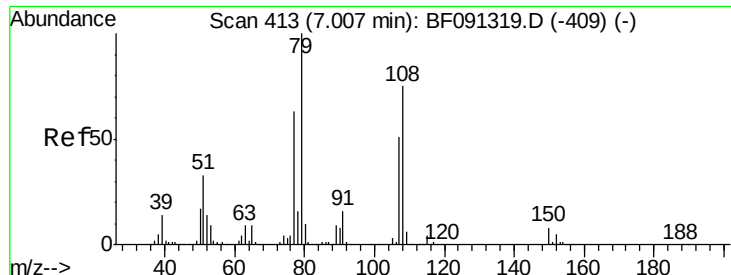
sohil
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#14
1,2-Dichlorobenzene
Concen: 38.98 ng
RT: 7.02 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
111	48.8	38.9	58.3





#15

Benzyl Alcohol

Concen: 44.39 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

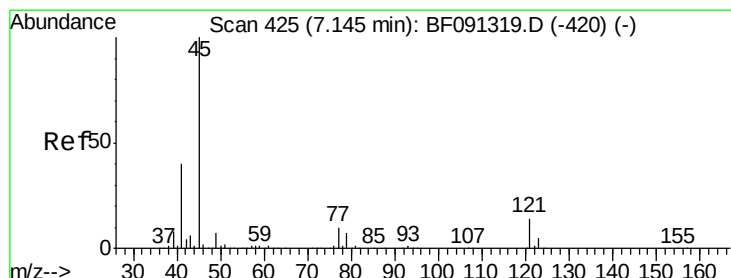
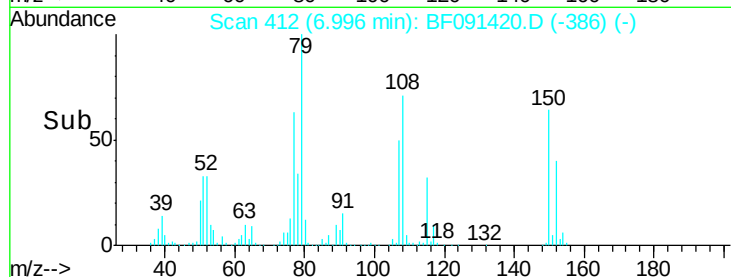
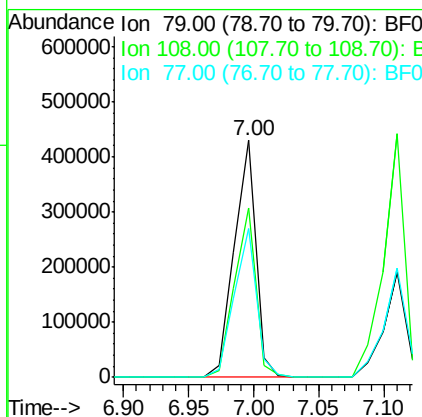
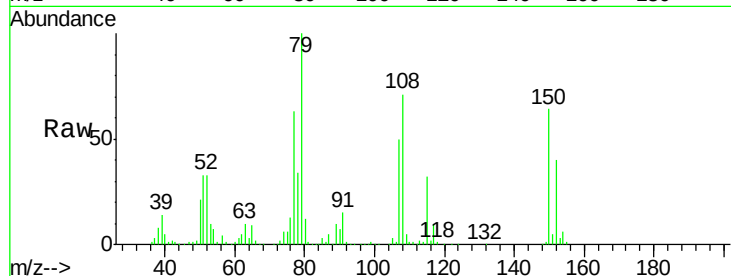
ClientSampled :

PB95045BS

Tot Ion:	79	Resp:	494760
Ion Ratio	Lower	Upper	
79	100		
108	71.5	62.7	94.1
77	63.1	51.7	77.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.54 ng

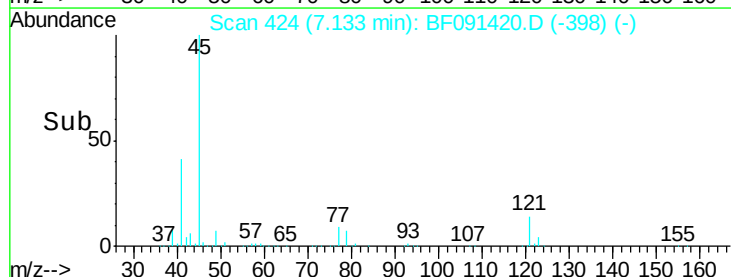
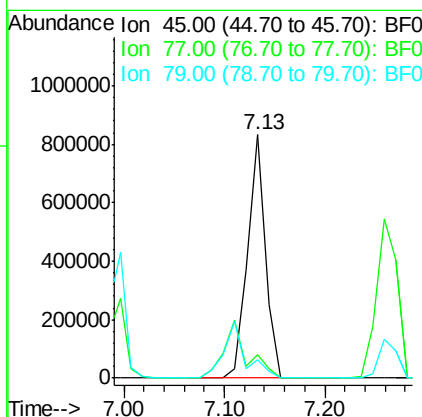
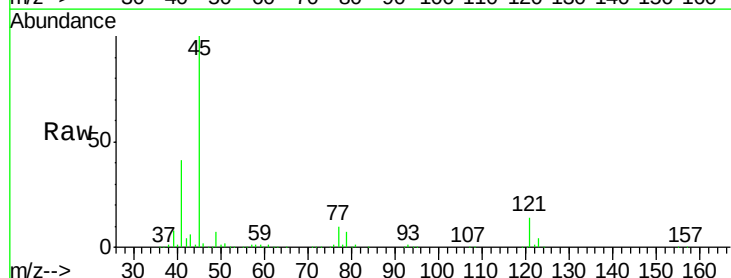
RT: 7.13 min Scan# 424

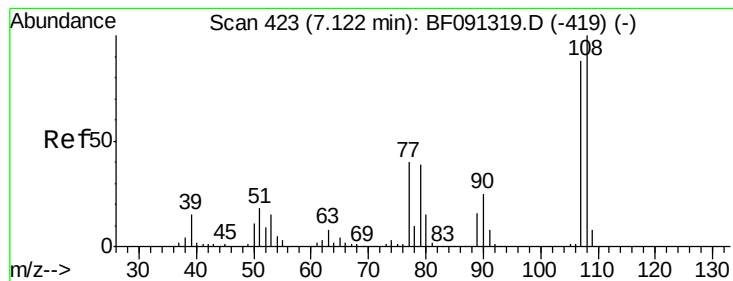
Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion:	45	Resp:	1020650
Ion Ratio	Lower	Upper	
45	100		
77	9.6	3.8	43.8
79	7.4	0.2	40.2





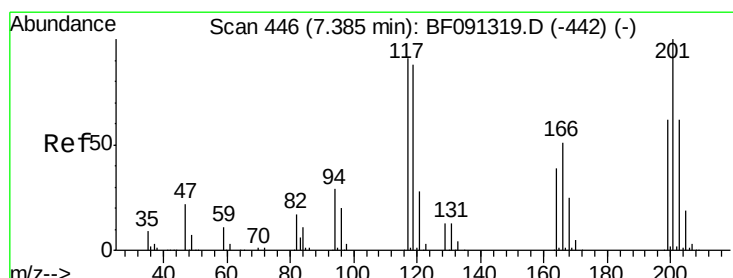
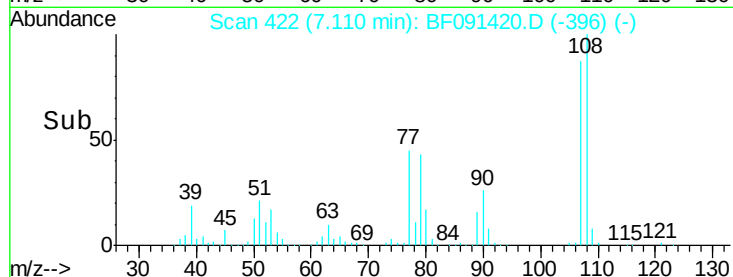
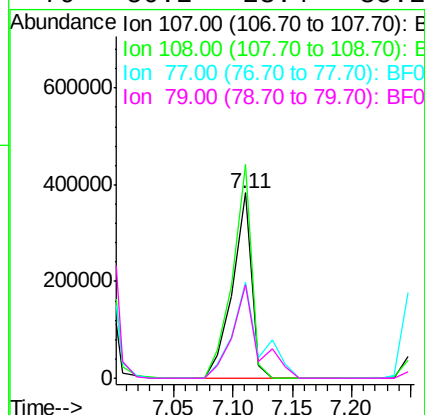
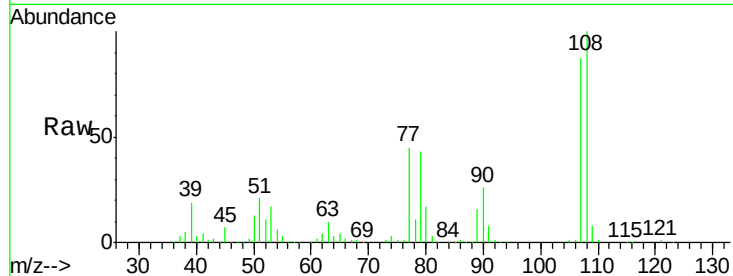
#17
2-Methylphenol
Concen: 44.23 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	67.7	101.5#	
77	51.9	40.7	61.1	
79	50.2	23.4	35.2#	

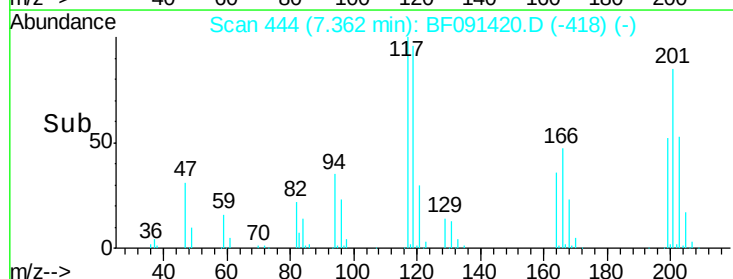
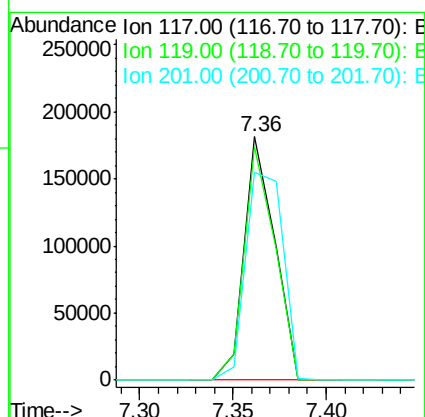
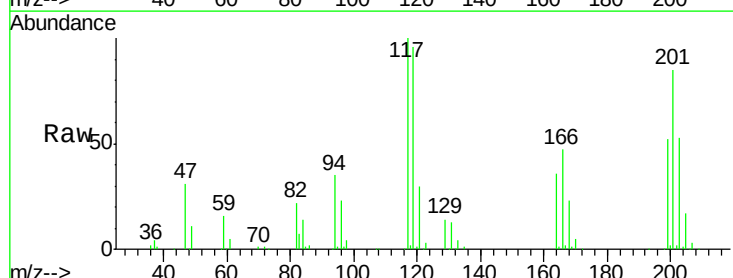
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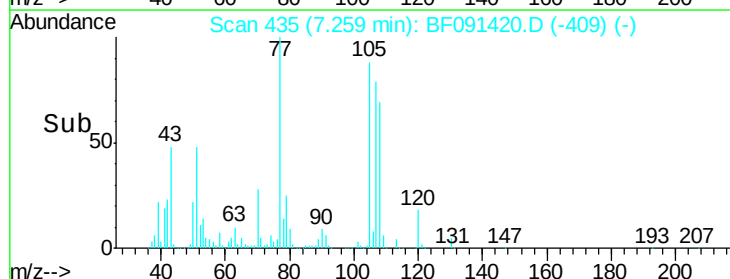
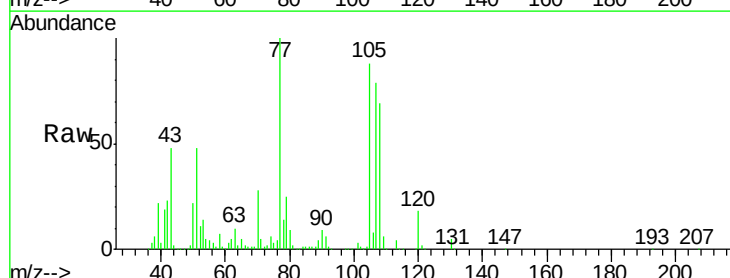
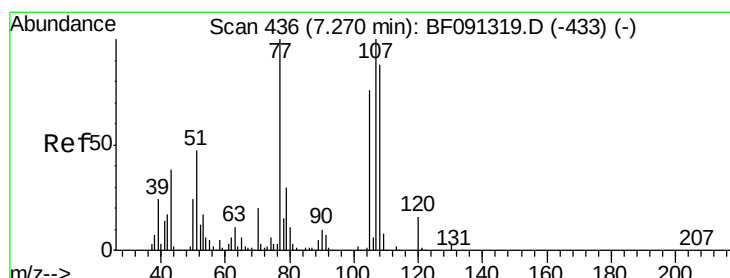
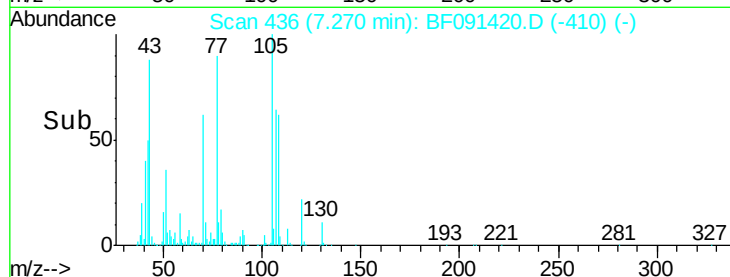
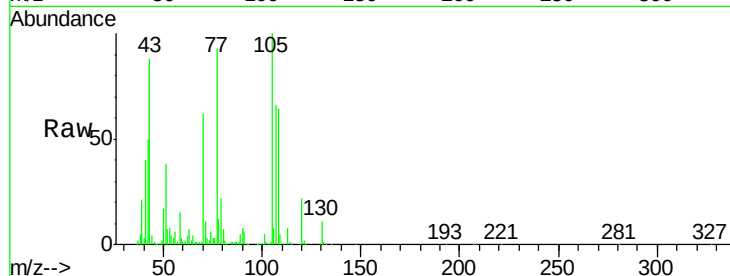
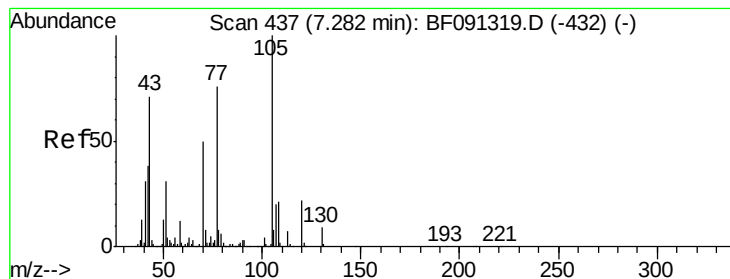
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#18
Hexachloroethane
Concen: 42.34 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	78.6	118.0	
201	85.4	86.7	130.1#	





#19

n-Nitroso-di-n-propylamine

Concen: 42.53 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB95045BS

Tot Ion: 70 Resp: 373238

Ion Ratio Lower Upper

70 100

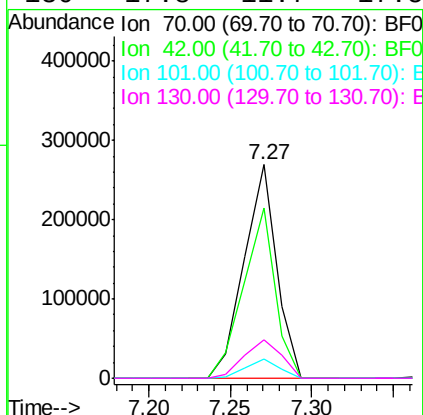
42 79.4 64.8 97.2

101 8.8 6.2 9.4

130 17.8 11.7 17.5#

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#20

3+4-Methylphenols

Concen: 43.73 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion: 107 Resp: 523532

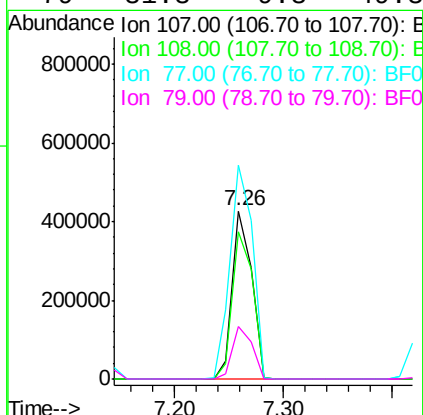
Ion Ratio Lower Upper

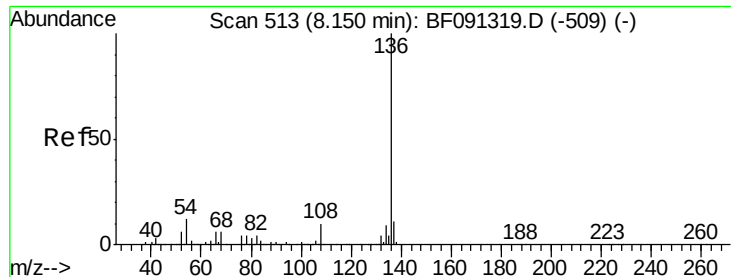
107 100

108 88.1 64.6 104.6

77 127.4 30.9 70.9#

79 31.3 9.3 49.3





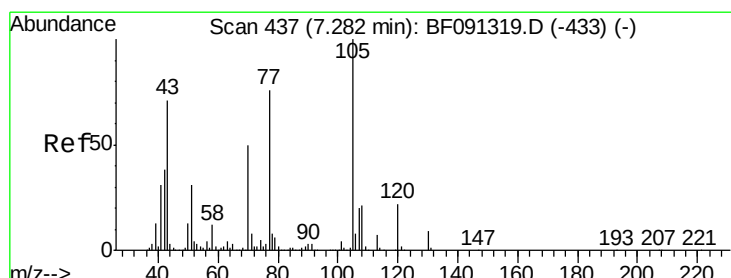
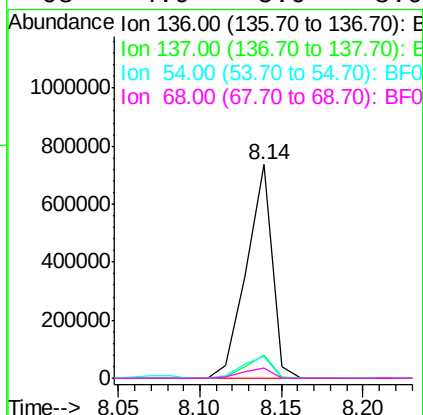
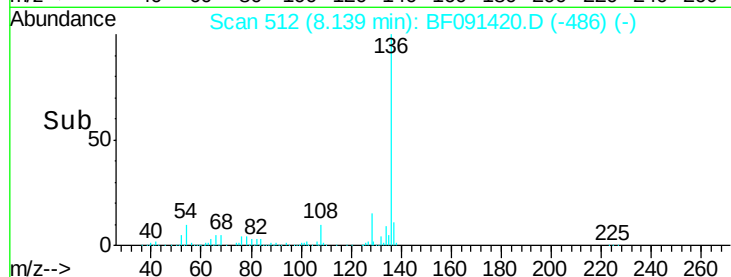
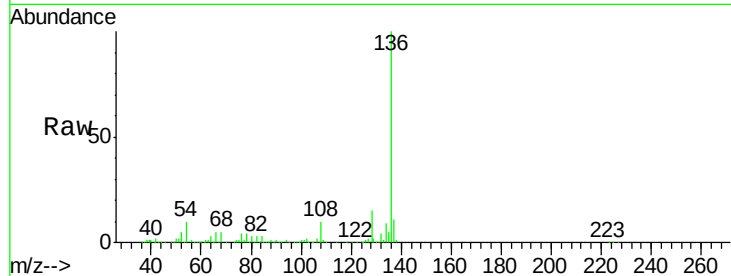
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	801778		
137	11.1	9.1	13.7	
54	10.4	9.1	13.7	
68	4.9	5.9	8.9#	

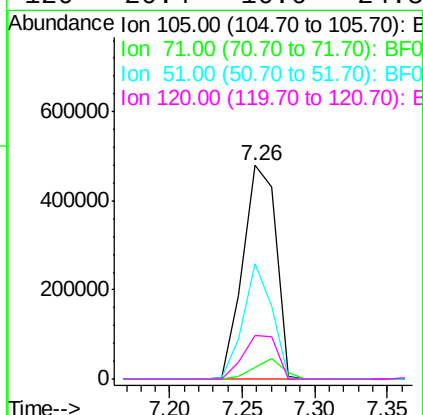
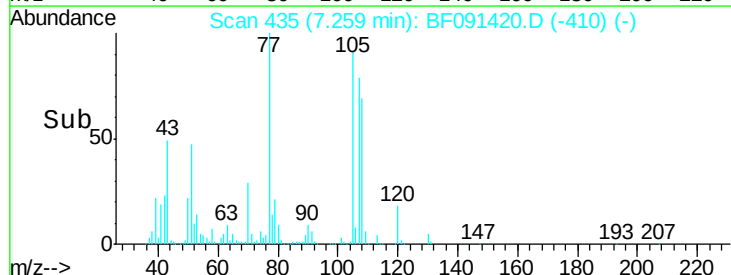
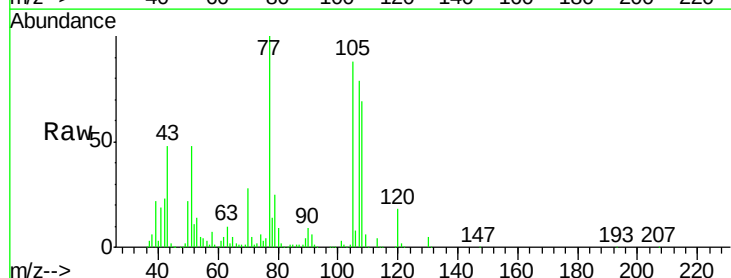
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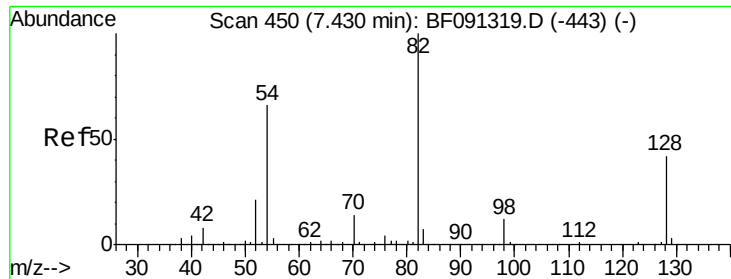
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#22
Acetophenone
Concen: 39.93 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	758731		
71	5.4	7.9	11.9#	
51	54.2	24.5	36.7#	
120	20.4	16.6	24.8	





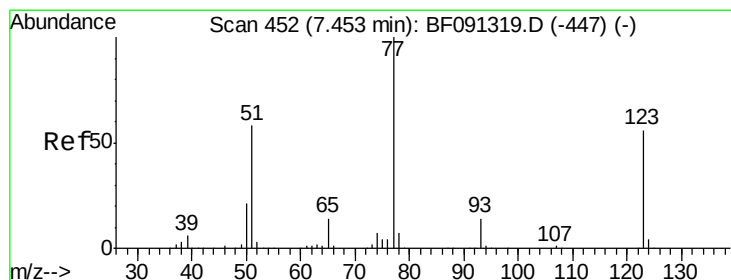
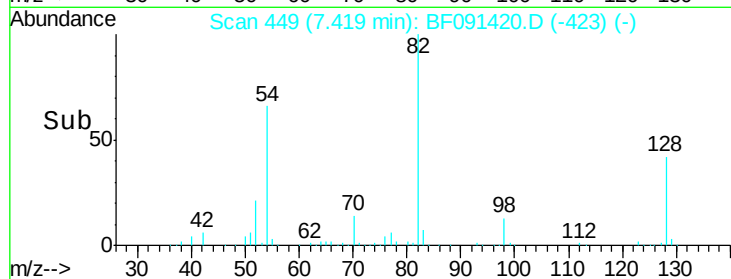
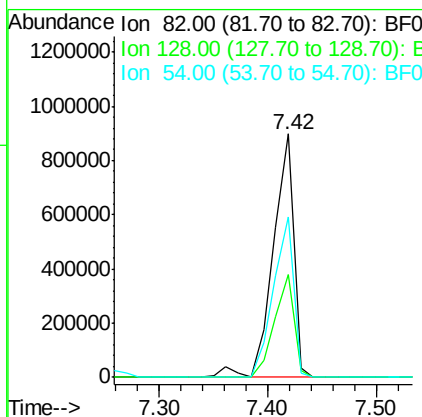
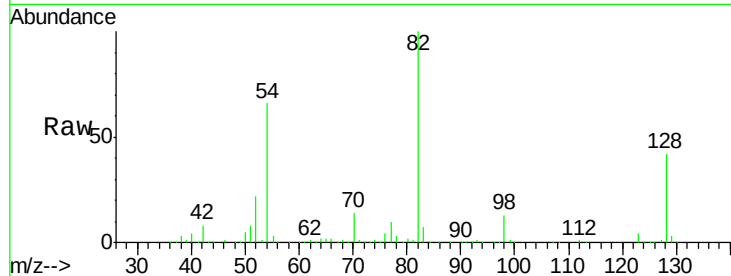
#23
 Nitrobenzene-d5
 Concen: 82.83 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	31.8	47.6
54	66.0	49.1	73.7

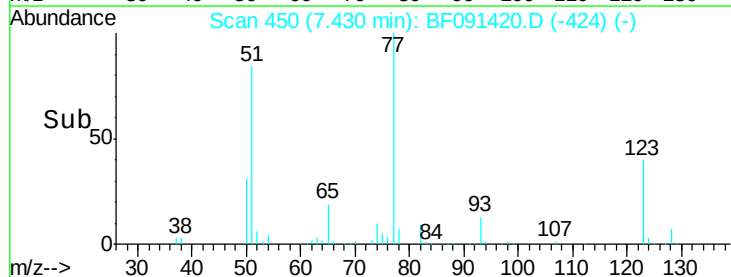
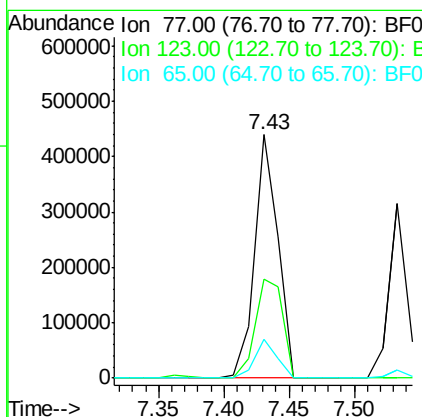
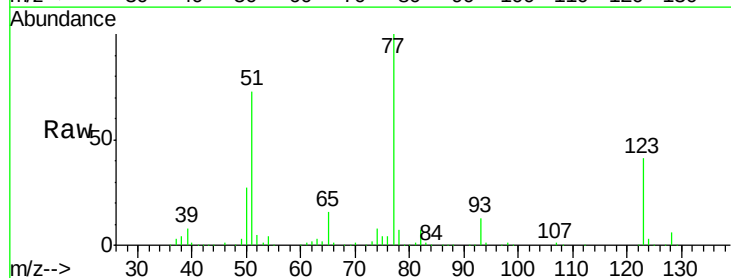
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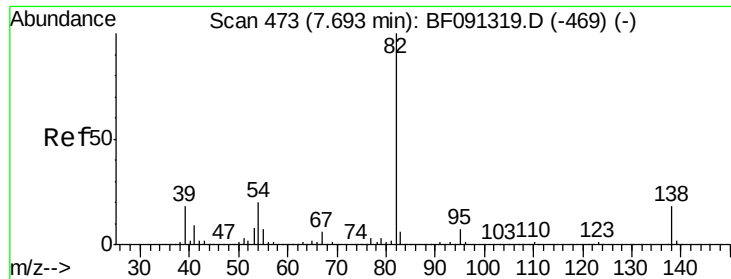
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#24
 Nitrobenzene
 Concen: 37.19 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	28.5	42.7
65	16.0	12.5	18.7





#25

Isophorone

Concen: 42.55 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB95045BS

Tot Ion: 82 Resp: 1078407

Ion Ratio Lower Upper

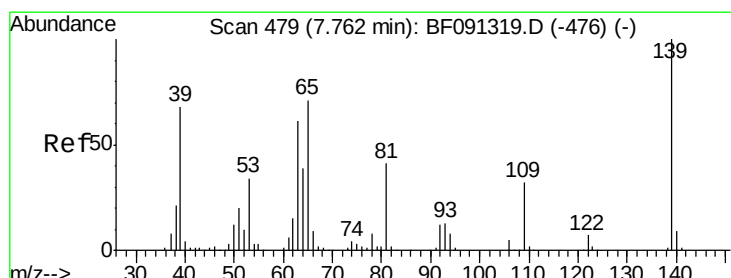
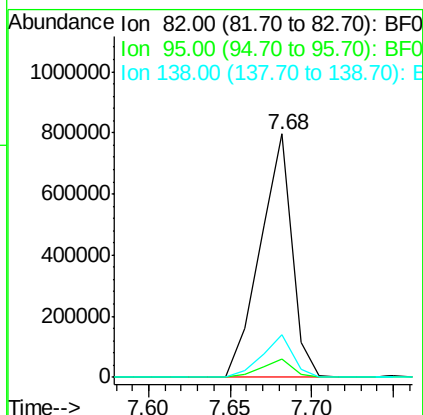
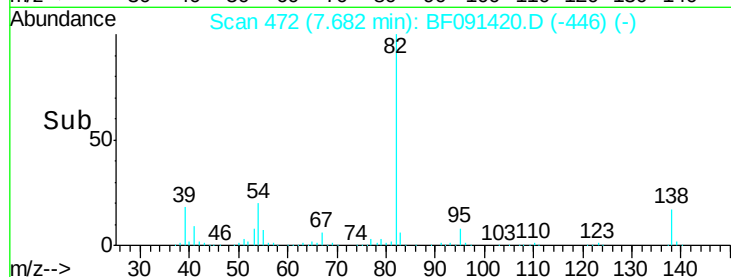
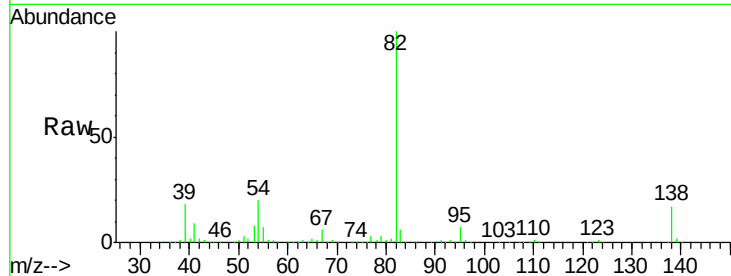
82 100

95 7.5 5.7 8.5

138 17.3 13.4 20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.14 ng

RT: 7.75 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

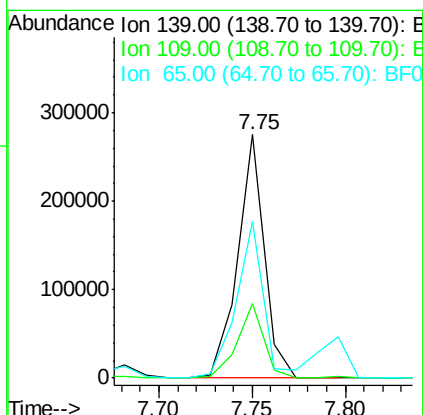
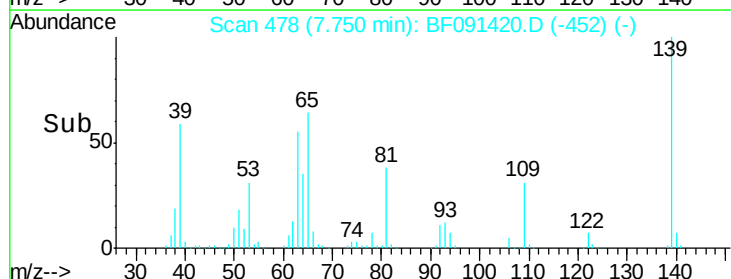
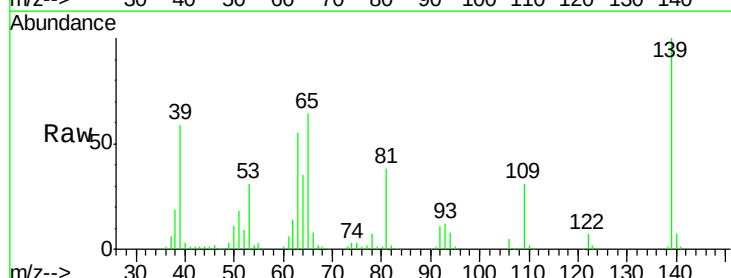
Tgt Ion: 139 Resp: 274593

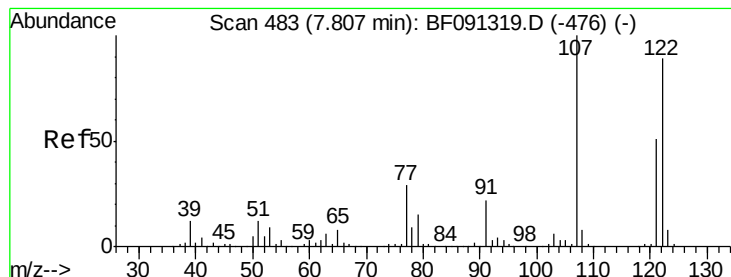
Ion Ratio Lower Upper

139 100

109 30.7 25.3 37.9

65 64.4 55.4 83.2





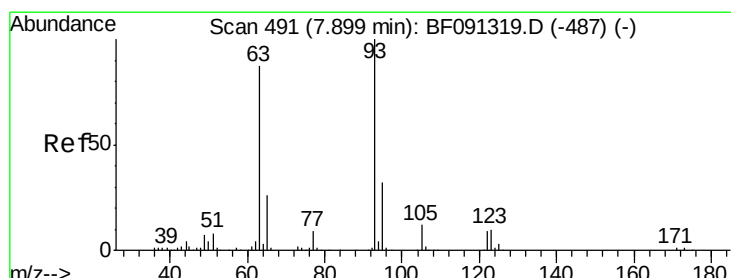
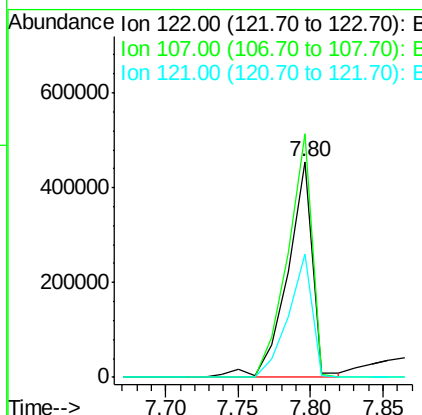
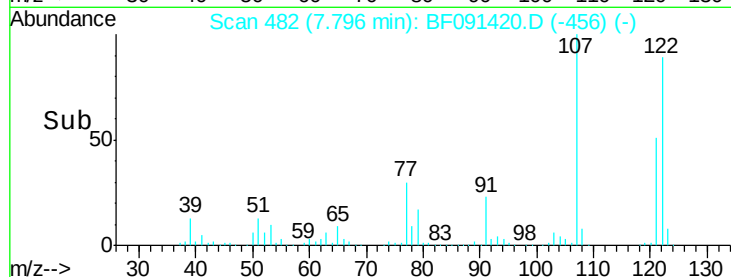
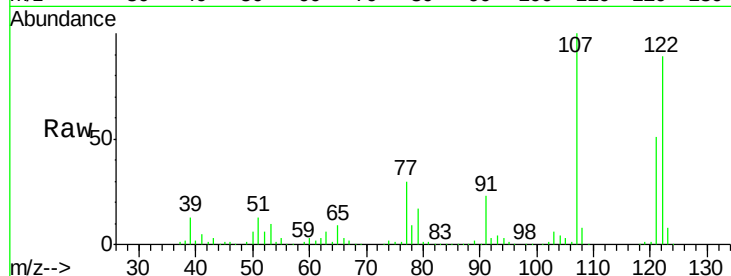
#27
 2,4-Dimethylphenol
 Concen: 43.33 ng
 RT: 7.80 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	96.8	145.2
121	57.4	47.7	71.5

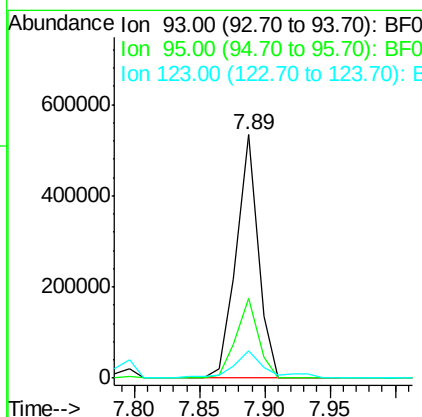
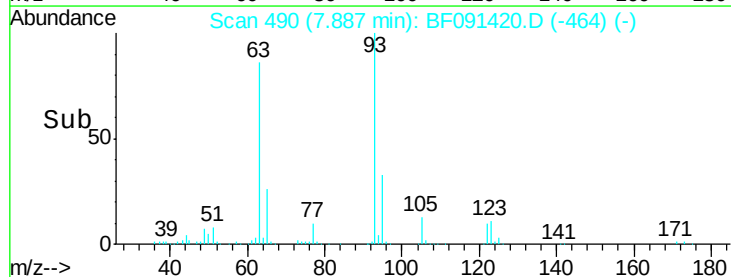
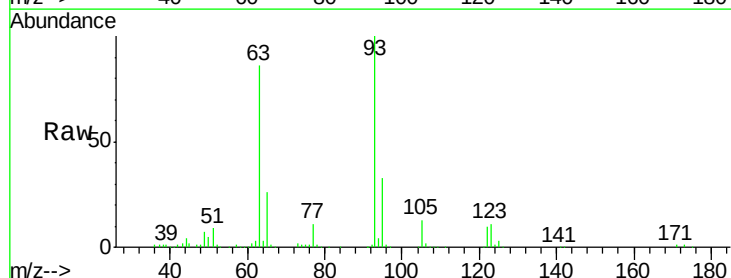
Manual Integrations
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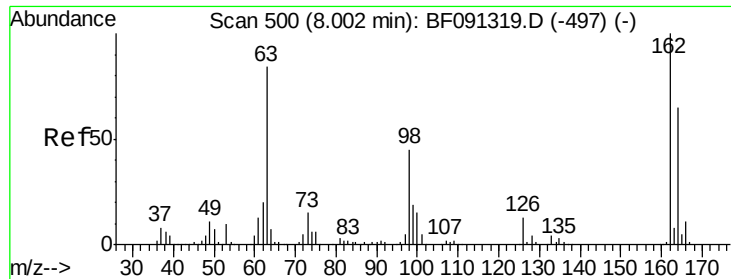
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.99 ng
 RT: 7.89 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.0	39.0
123	11.1	8.6	12.8





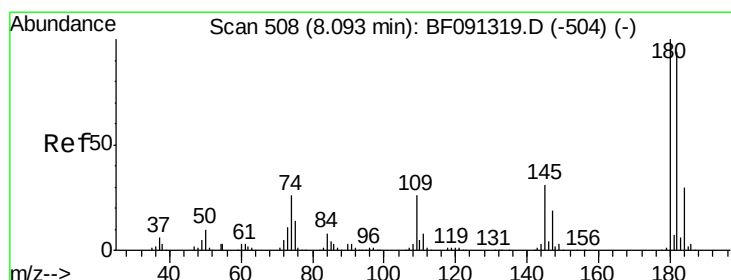
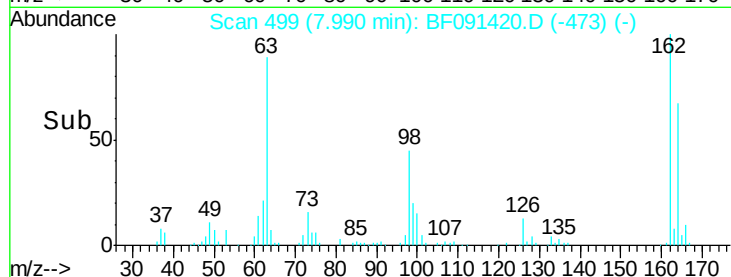
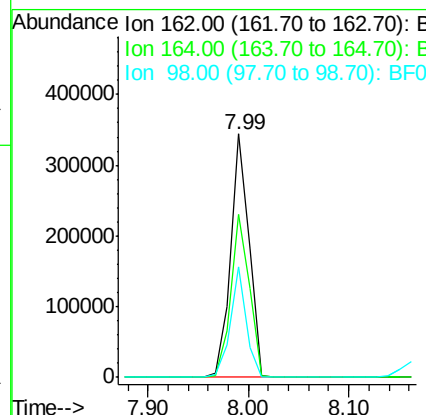
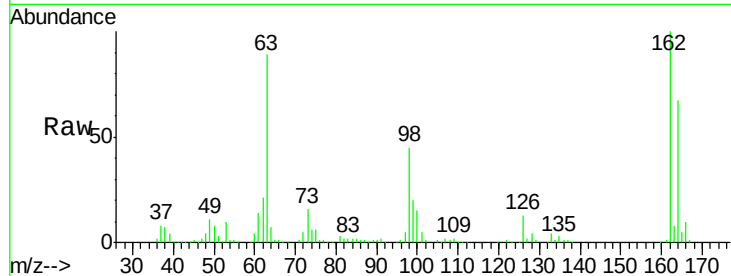
#29
 2,4-Dichlorophenol
 Concen: 39.73 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
436424	162	100			
	164	67.2	45.0	85.0	
	98	45.4	21.3	61.3	

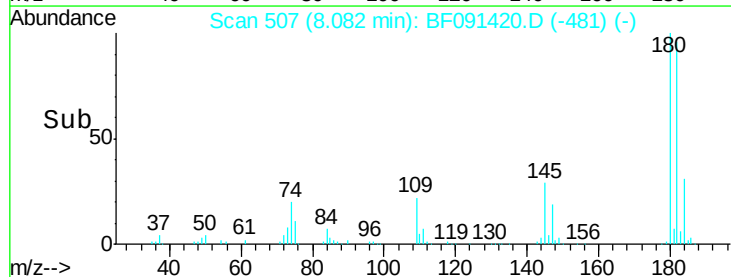
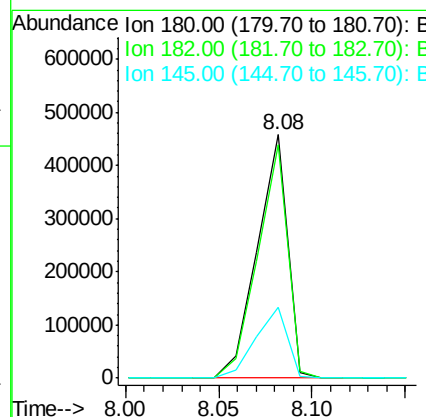
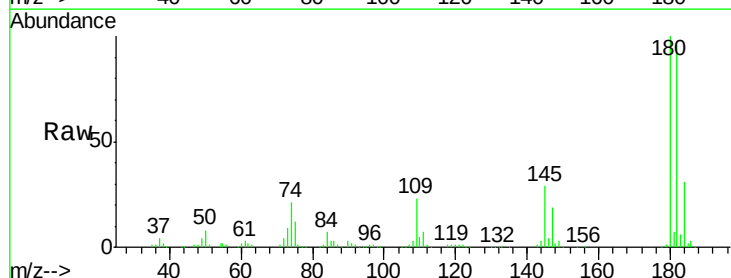
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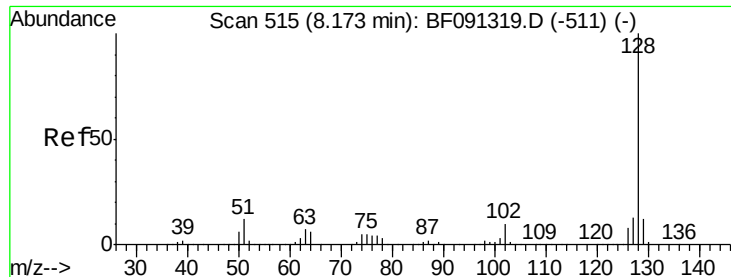
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.61 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
512426	180	100			
	182	95.6	75.8	113.8	
	145	28.9	27.0	40.4	





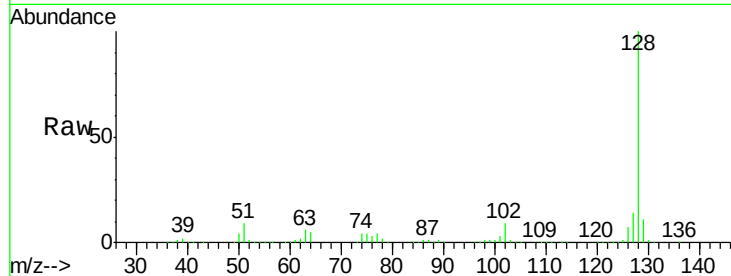
#31
Naphthalene
Concen: 41.25 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

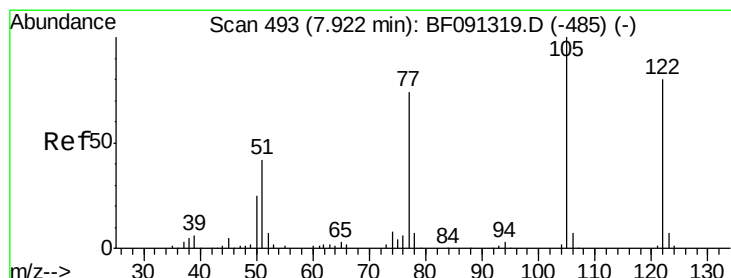
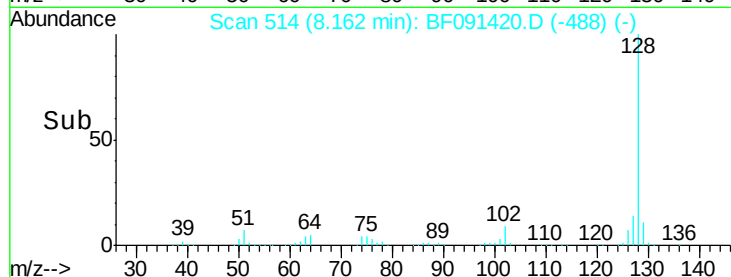
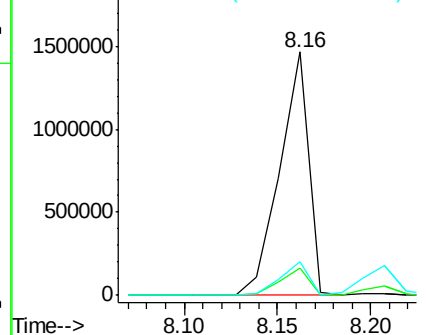
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.8	11.0	16.4

Manual Integrations
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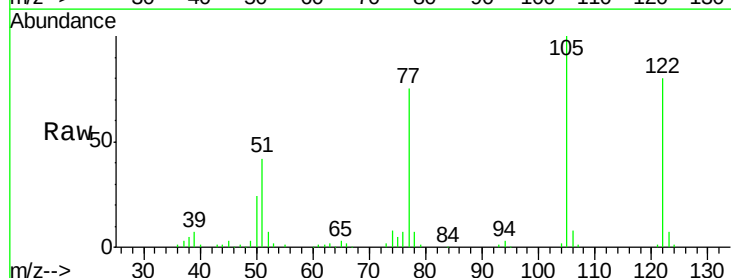


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

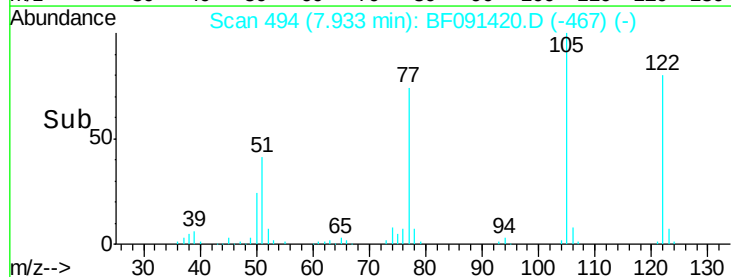
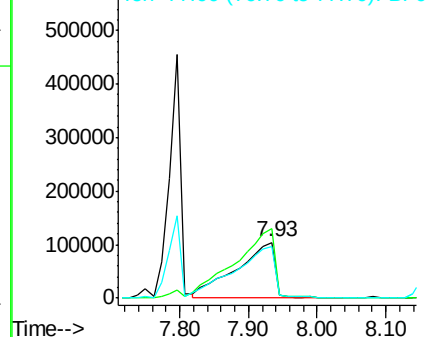


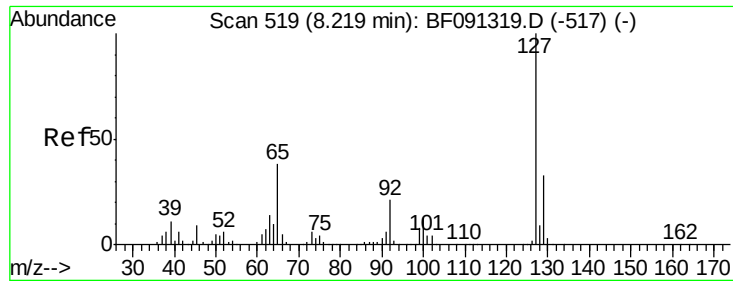
#32
Benzoic acid
Concen: 43.94 ng
RT: 7.93 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	113.0	153.0
77	93.4	82.0	122.0



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





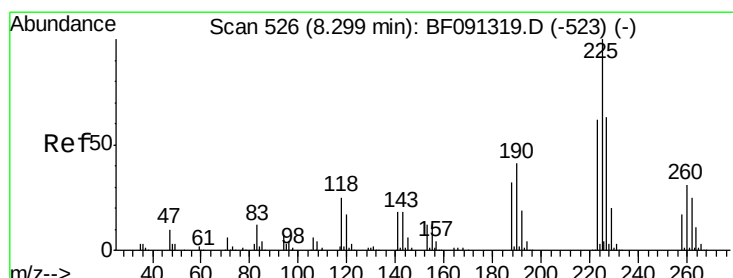
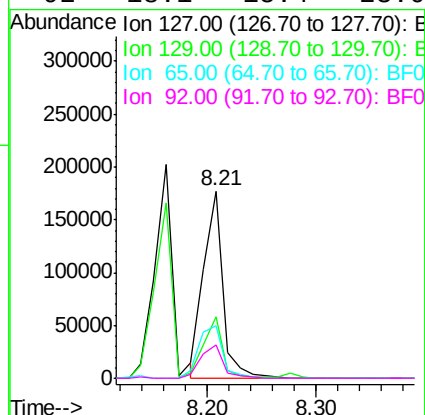
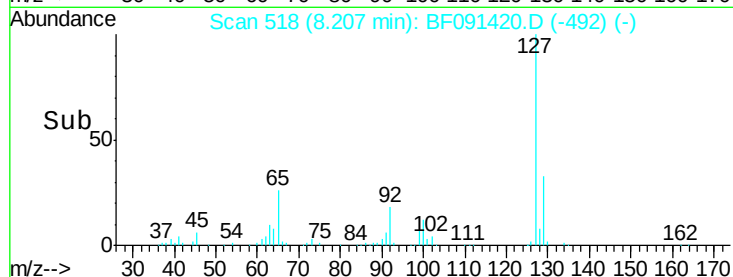
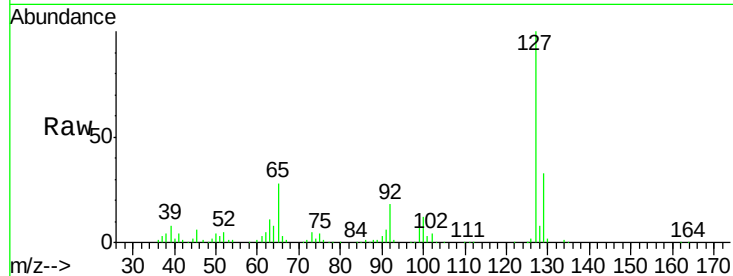
#33
4-Chloroaniline
Concen: 13.55 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.2	39.4		
65	28.3	26.6	39.8		
92	18.1	15.4	23.0		

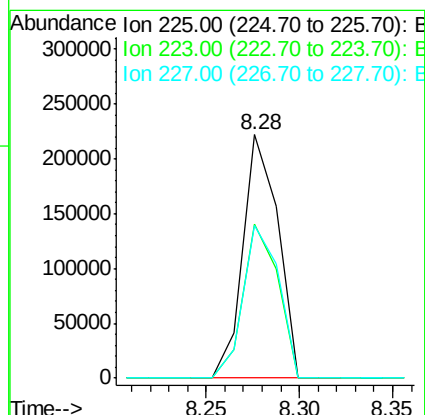
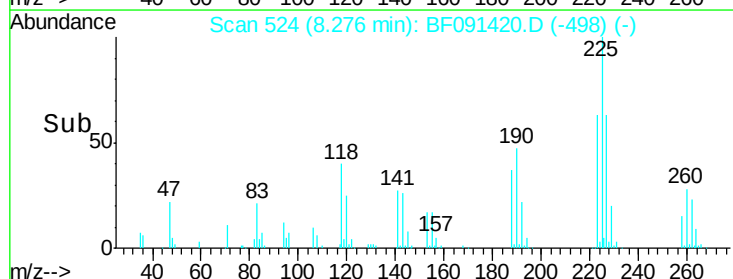
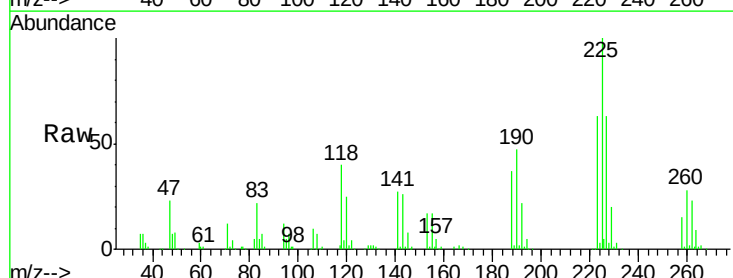
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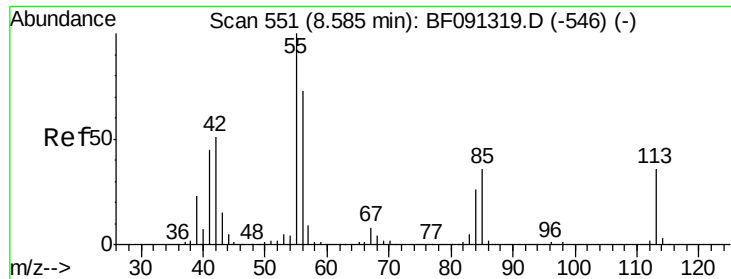
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#34
Hexachlorobutadiene
Concen: 38.12 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.8	74.6		
227	62.8	52.6	79.0		





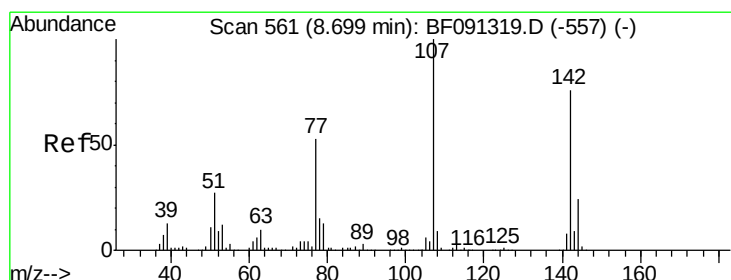
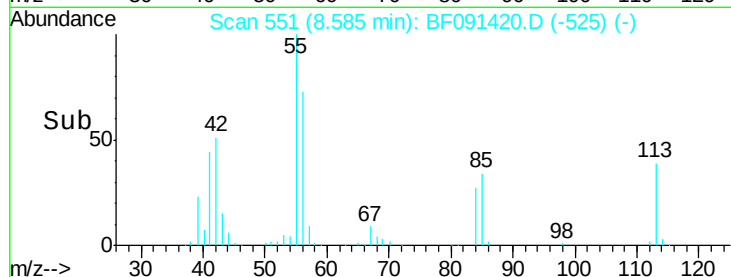
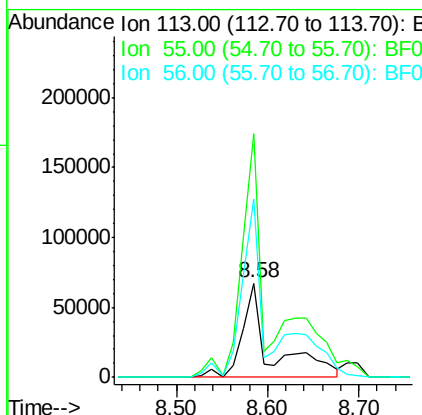
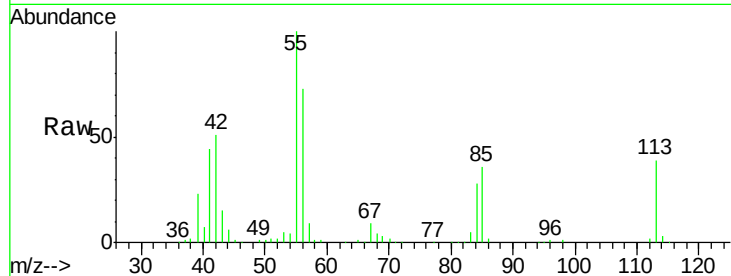
#35
 Caprolactam
 Concen: 46.76 ng/ml
 RT: 8.58 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	258.7		239.8	279.8	
56	189.6		165.6	205.6	

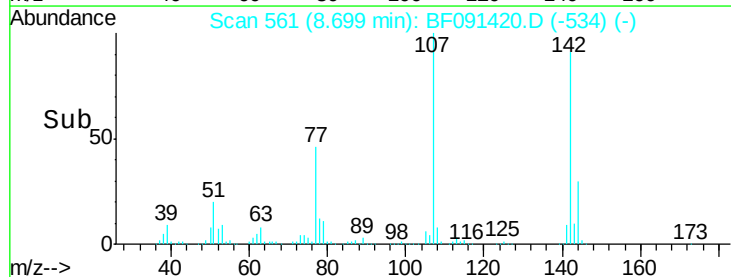
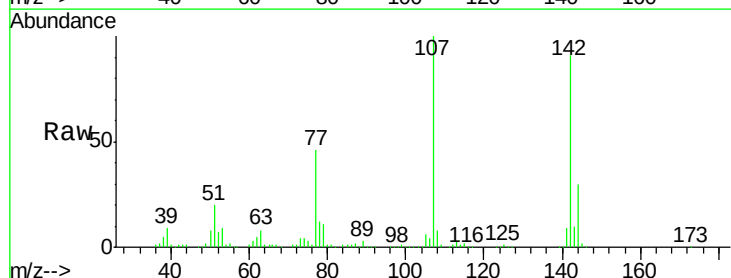
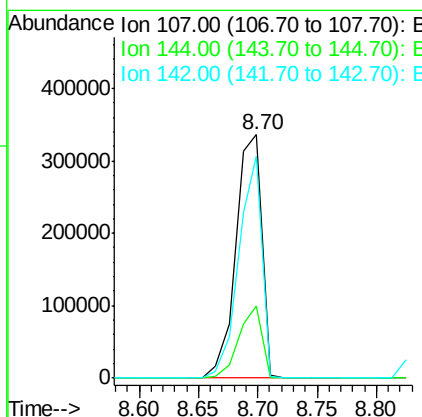
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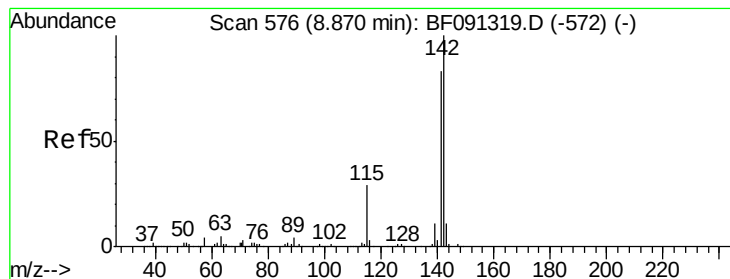
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#36
 4-Chloro-3-methylphenol
 Concen: 43.08 ng/ml
 RT: 8.70 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	29.7		18.9	28.3#	
142	91.2		58.5	87.7#	





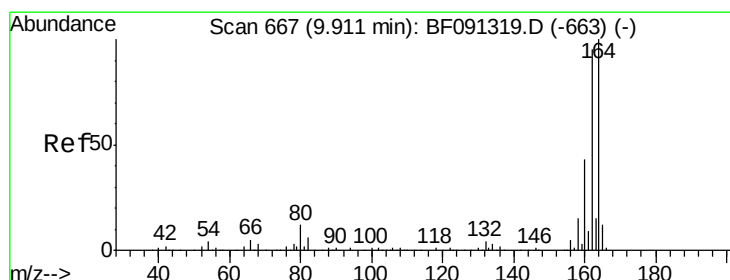
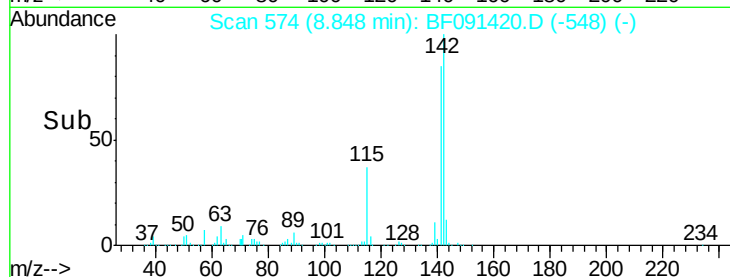
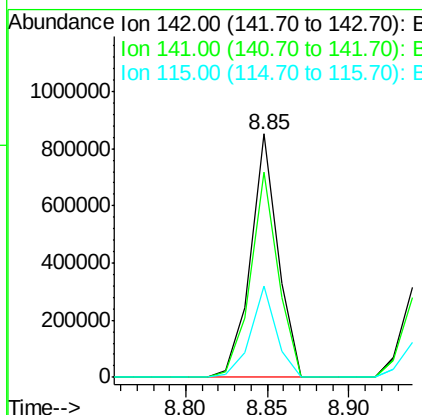
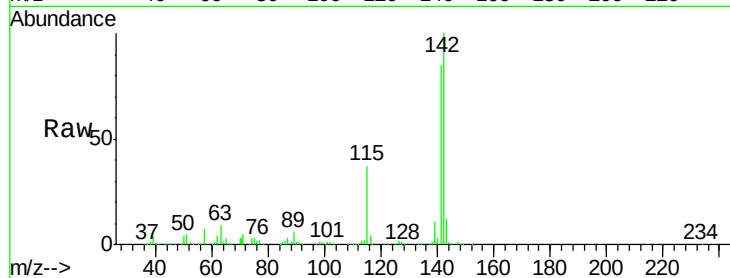
#37
2-Methylnaphthalene
Concen: 38.50 ng
RT: 8.85 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampled :
PB95045BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.5	71.7	107.5
115	37.2	25.0	37.6

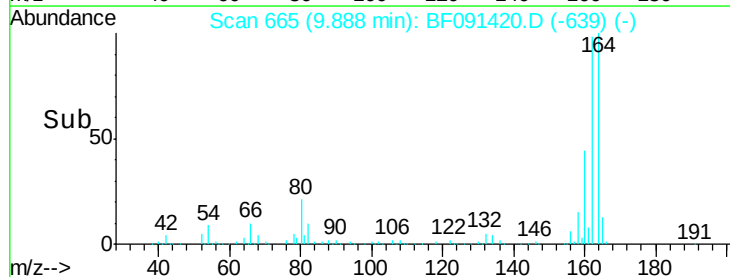
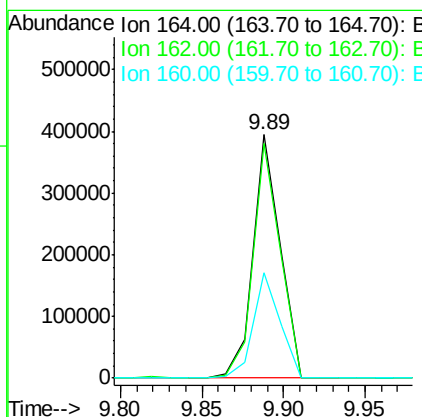
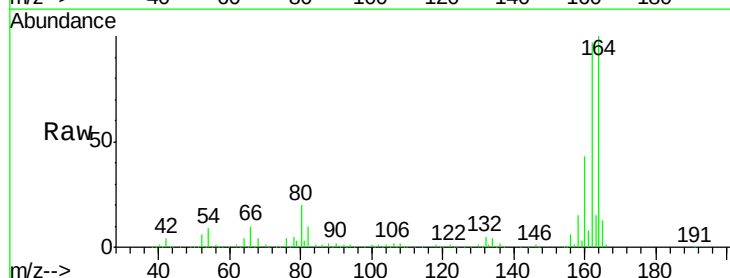
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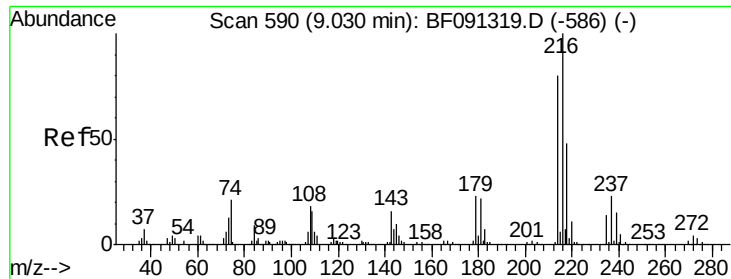
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.6	124.0
160	43.4	36.7	55.1





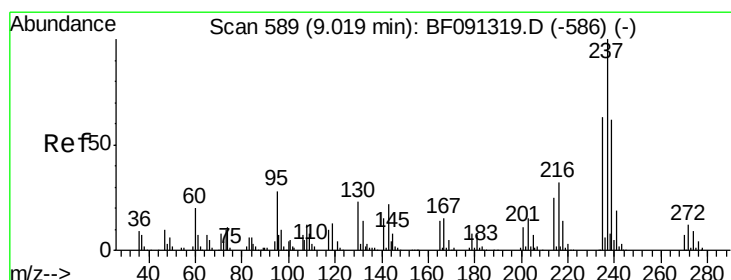
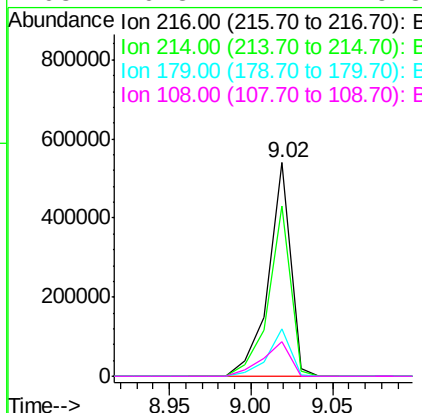
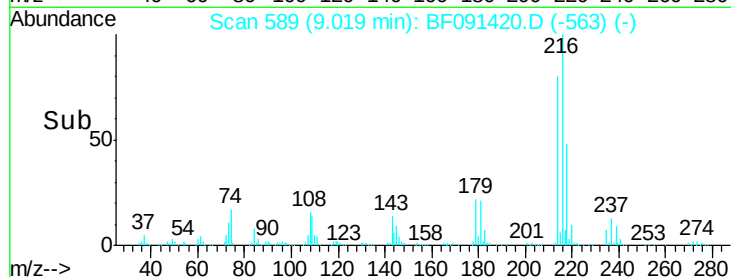
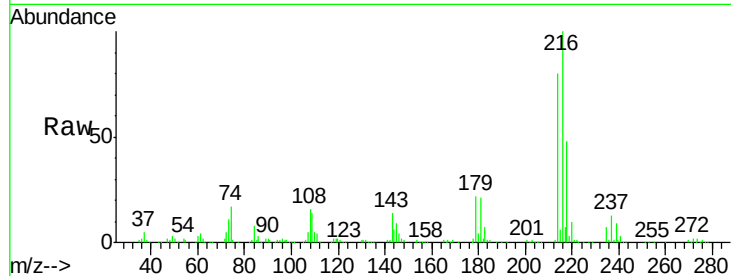
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.09 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100	513311		
214	214	79.0	63.8	95.8	
179	179	22.3	18.2	27.2	
108	108	20.3	17.2	25.8	

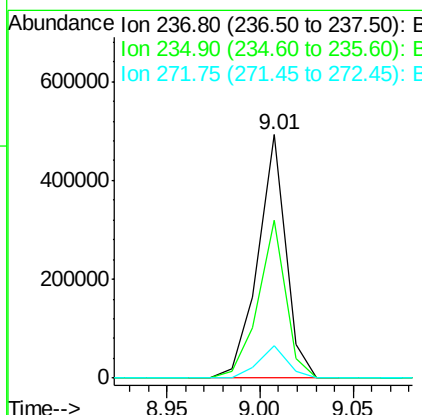
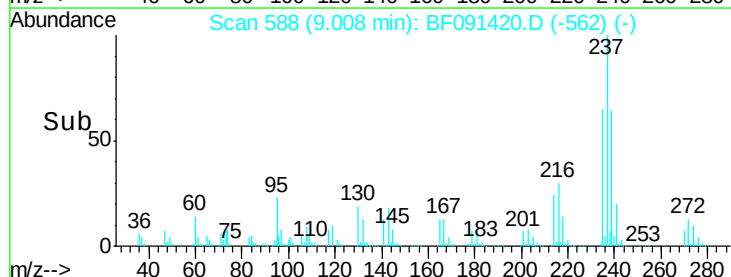
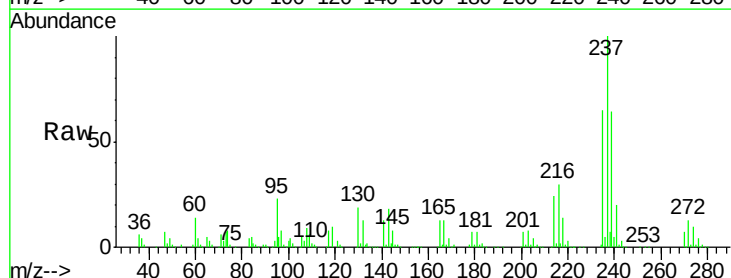
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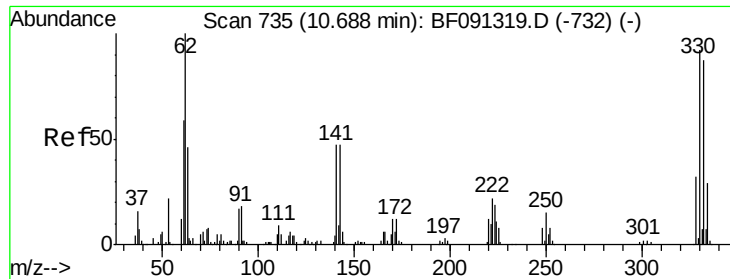
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#40
 Hexachlorocyclopentadiene
 Concen: 85.98 ng
 RT: 9.01 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100	510267		
235	235	65.0	43.9	83.9	
272	272	13.1	0.0	33.1	





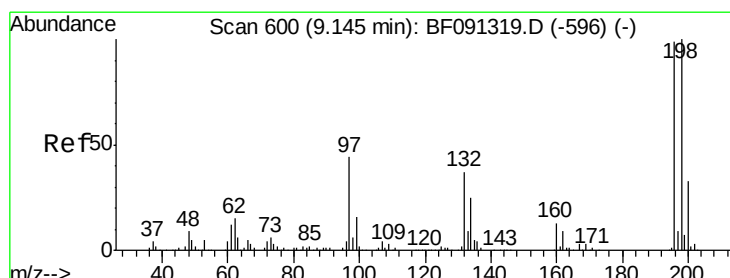
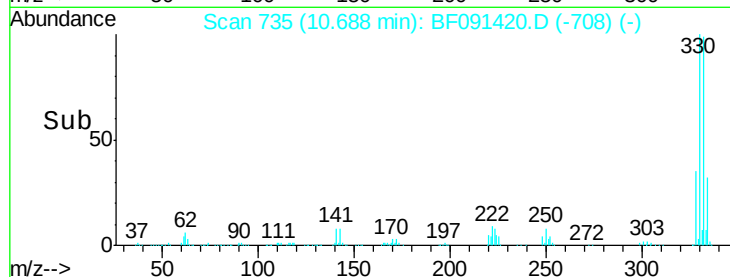
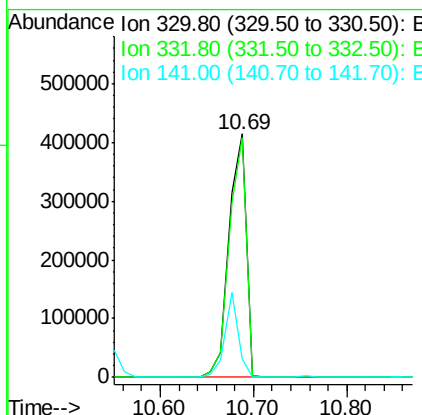
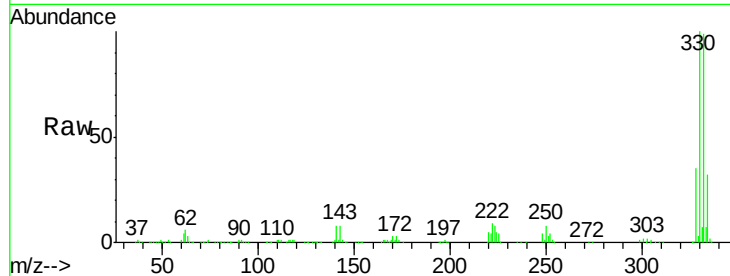
#41
 2,4,6-Tribromophenol
 Concen: 125.66 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.01 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	540321		
332	96.8	76.2	114.4	
141	27.0	33.6	50.4	

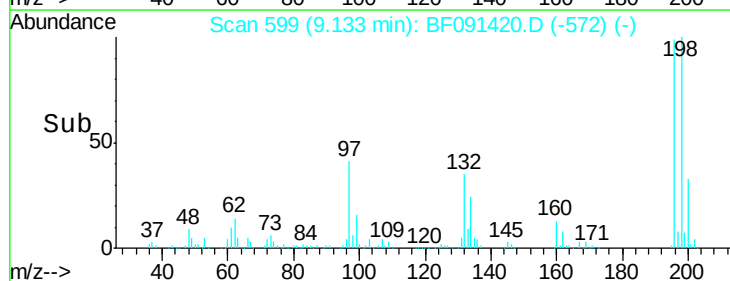
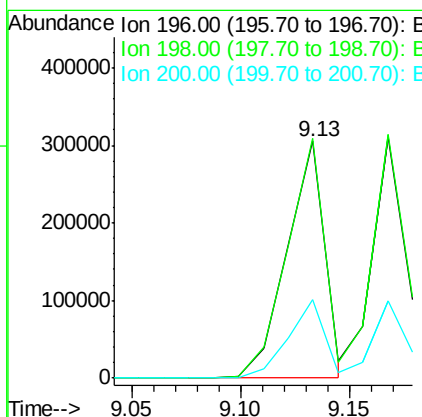
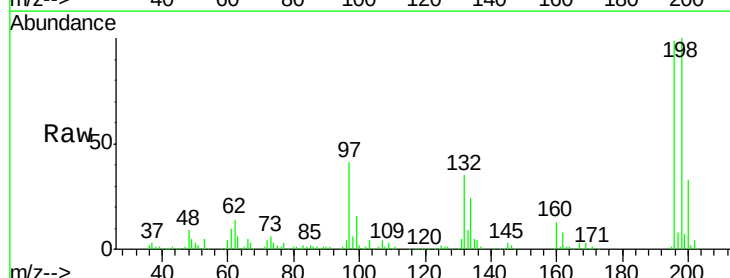
Manual Integrations
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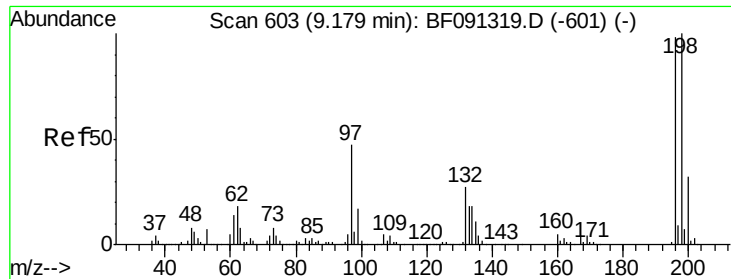
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#42
 2,4,6-Trichlorophenol
 Concen: 44.63 ng
 RT: 9.13 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	371357		
198	100.9	77.4	116.0	
200	32.9	25.2	37.8	





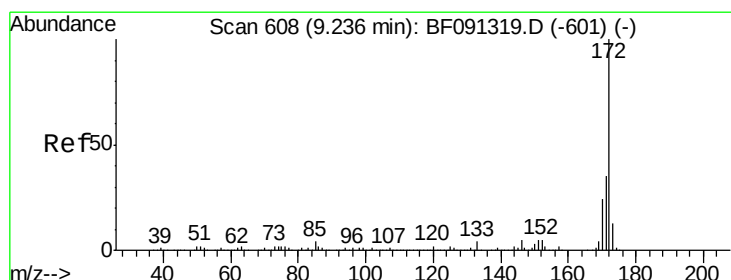
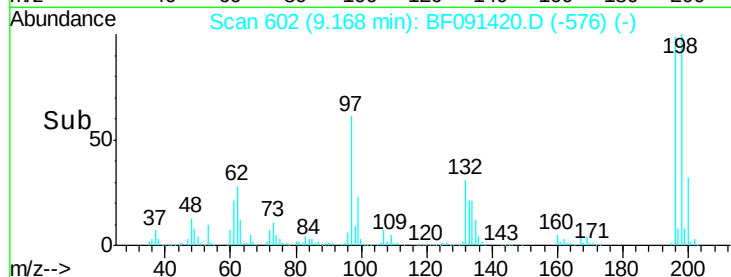
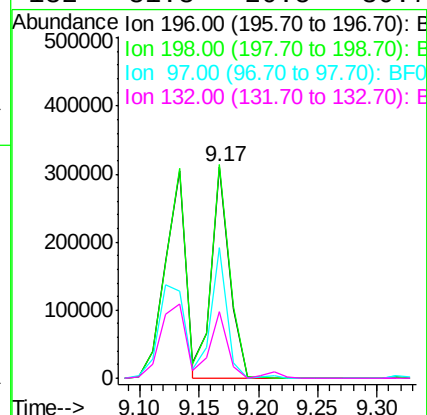
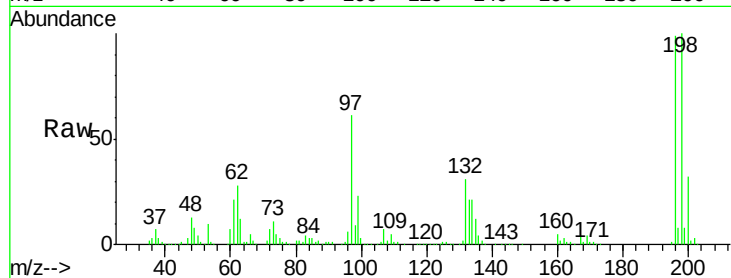
#43
 2,4,5-Trichlorophenol
 Concen: 39.62 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	77.0	115.6	
97	61.5	33.5	50.3	
132	31.3	20.5	30.7	

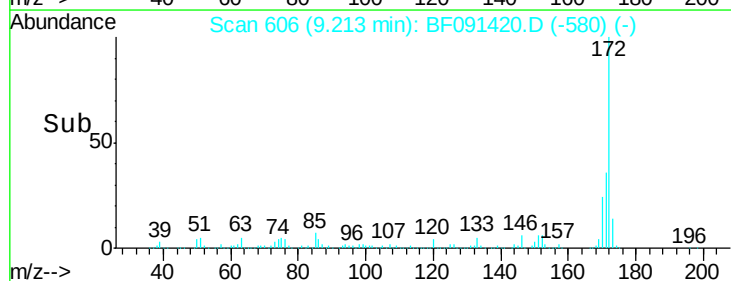
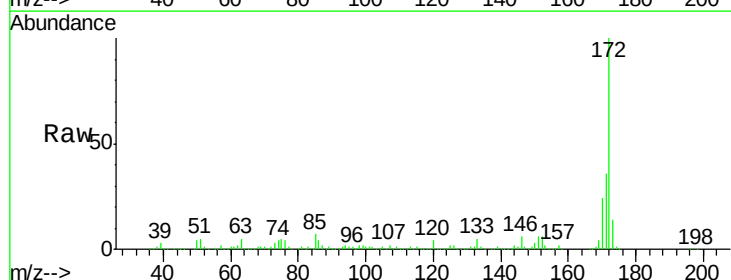
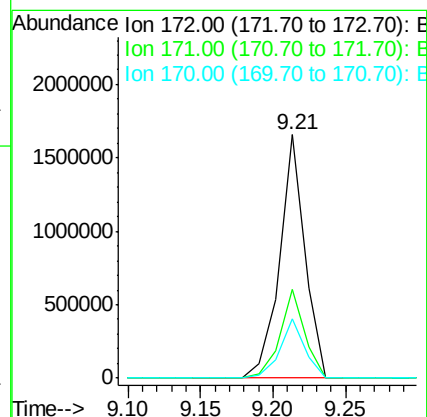
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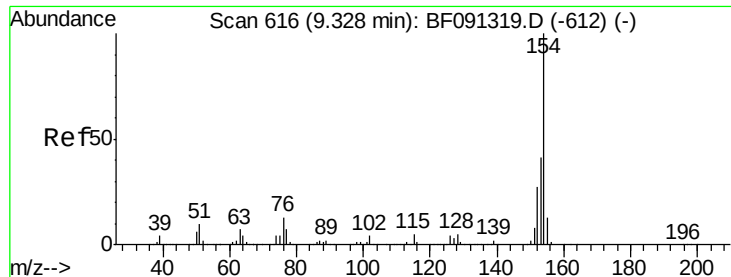
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#44
 2-Fluorobiphenyl
 Concen: 79.38 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.4	44.0	
170	24.4	19.7	29.5	





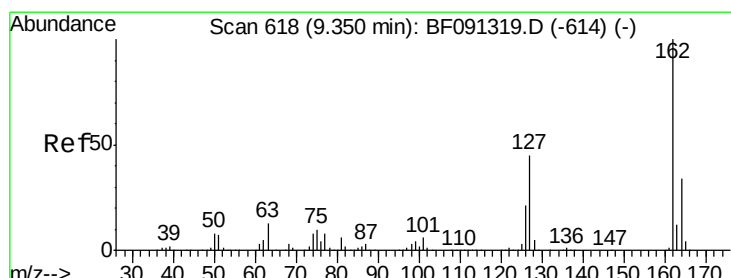
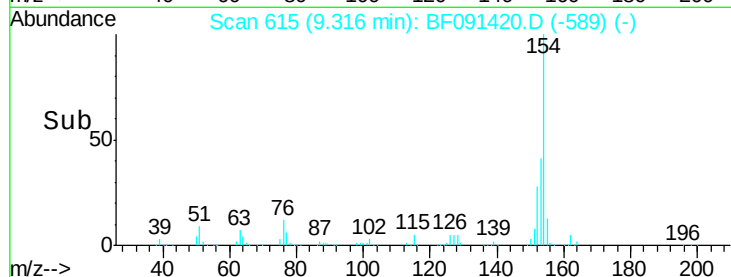
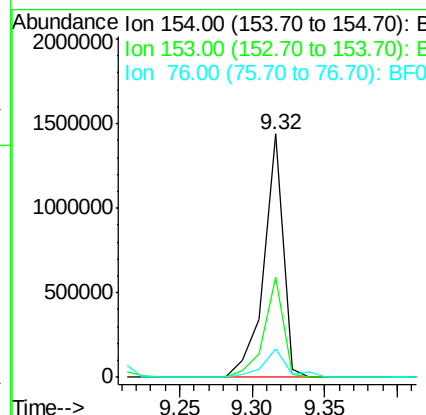
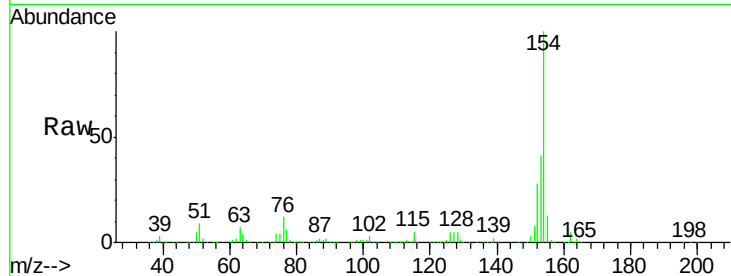
#45
 1,1'-Biphenyl
 Concen: 40.55 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	11.7	0.0	36.6

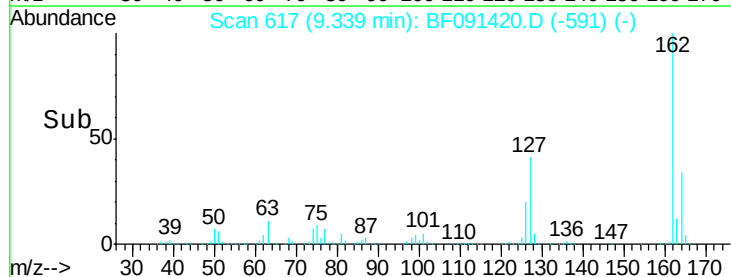
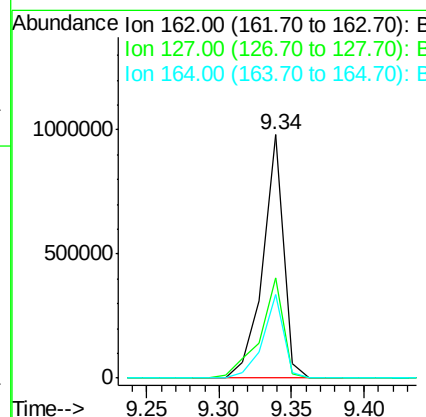
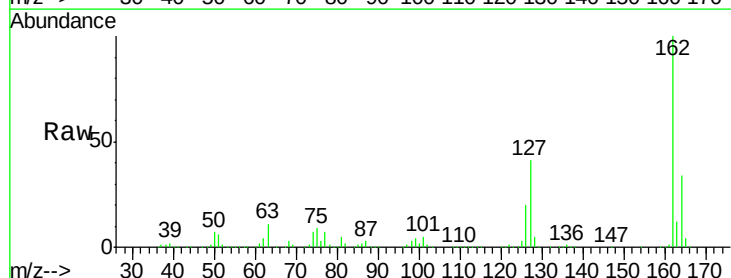
Manual Integrations
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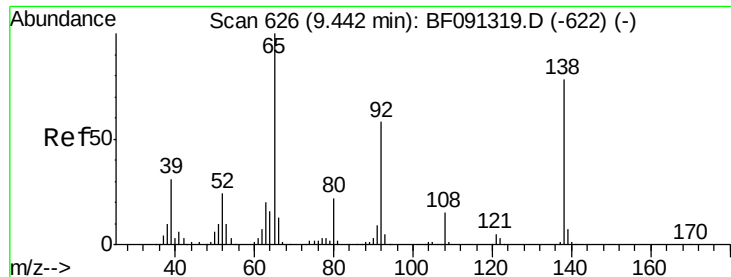
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#46
 2-Chloronaphthalene
 Concen: 39.99 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	34.3	51.5
164	34.4	26.6	40.0





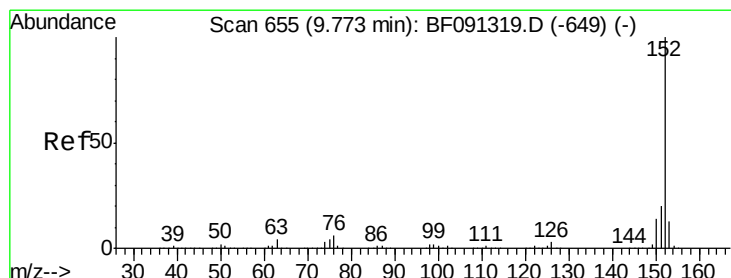
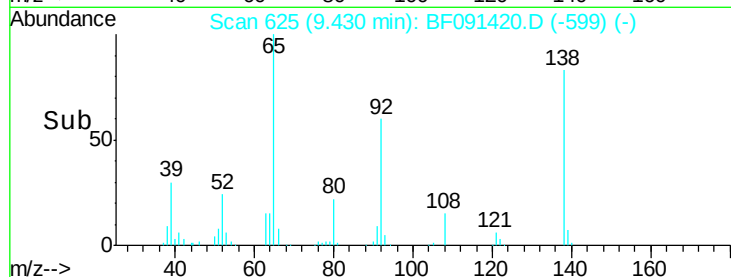
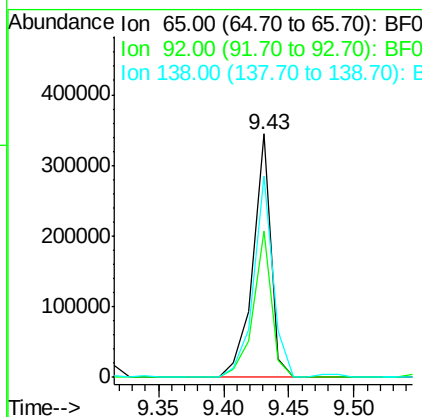
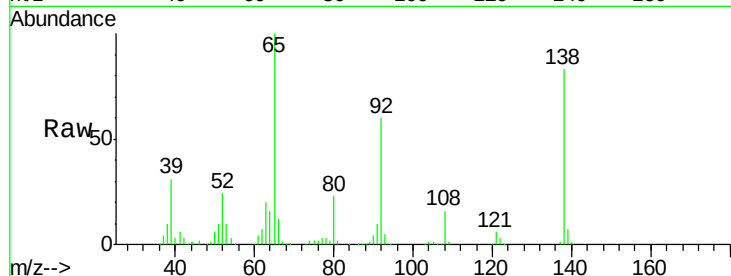
#47
2-Nitroaniline
Concen: 38.12 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.0	53.6	80.4
138	82.6	91.0	136.6

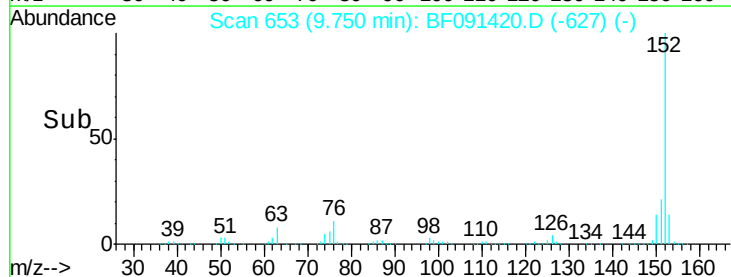
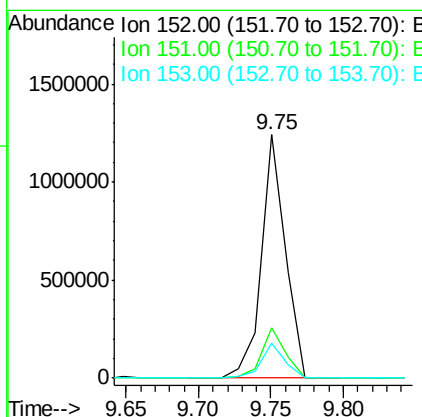
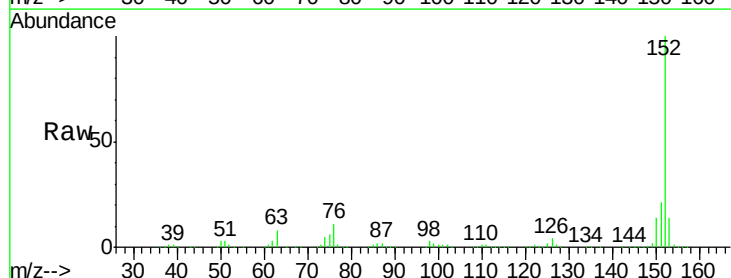
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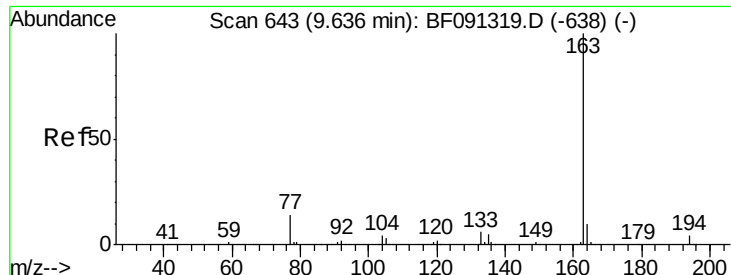
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#48
Acenaphthylene
Concen: 36.92 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.5	10.7	16.1





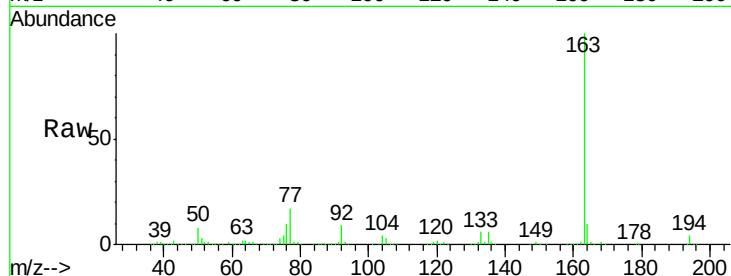
#49
Dimethylphthalate
Concen: 44.89 ng
RT: 9.62 min Scan# 642
Delta R.T. 0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleID :
PB95045BS

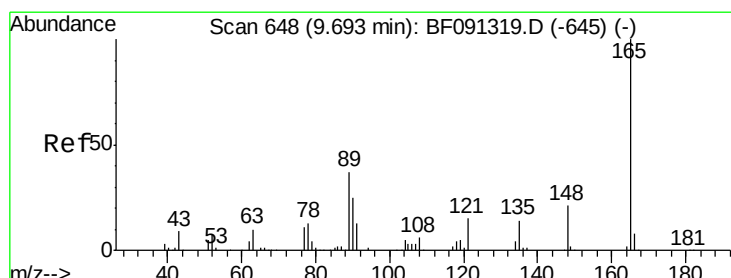
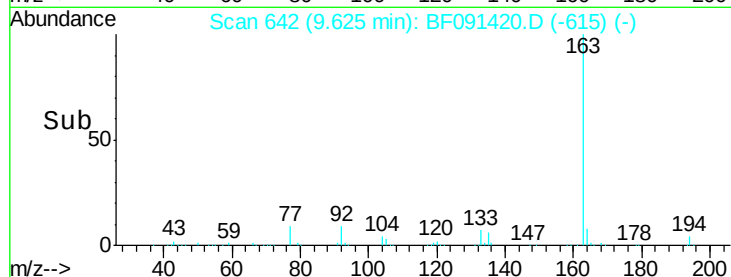
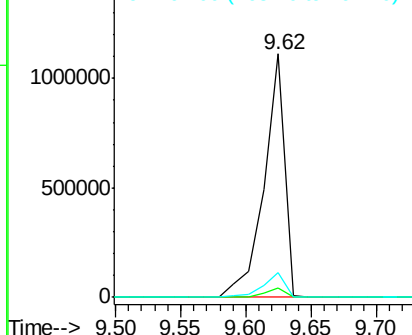
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.4	7.8	11.8

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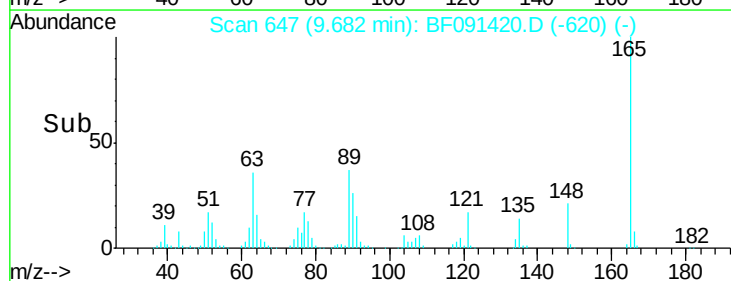
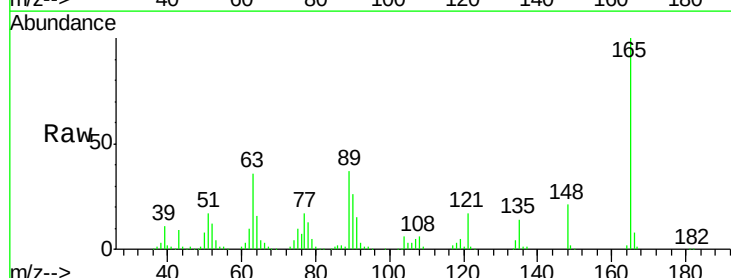
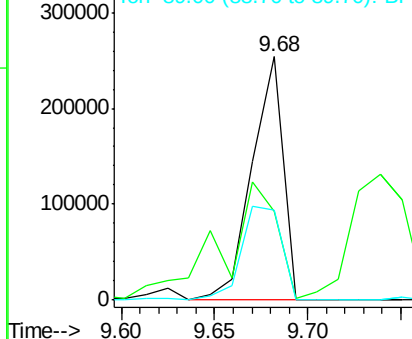
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

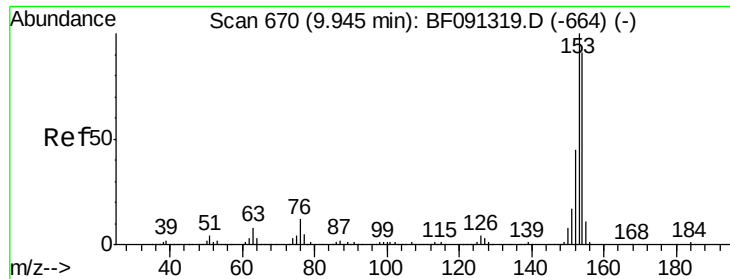


#50
2,6-Dinitrotoluene
Concen: 47.57 ng
RT: 9.68 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.4	59.4	89.0#
89	37.2	50.8	76.2#

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





#51

Acenaphthene

Concen: 41.62 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB95045BS

Tot Ion:154 Resp: 1074763

Ion Ratio Lower Upper

154 100

153 110.9 91.0 136.6

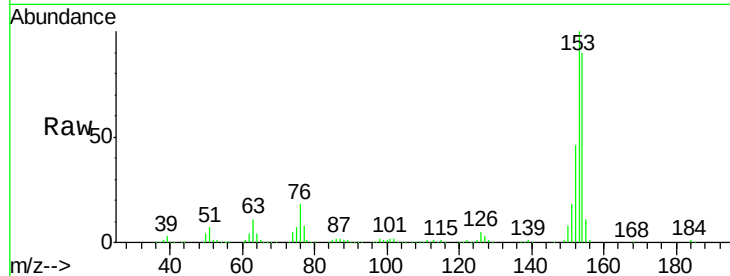
152 50.8 44.2 66.2

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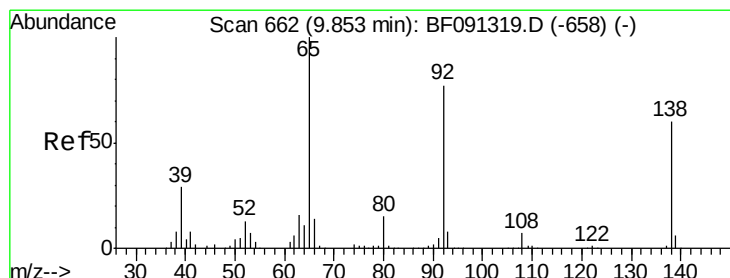
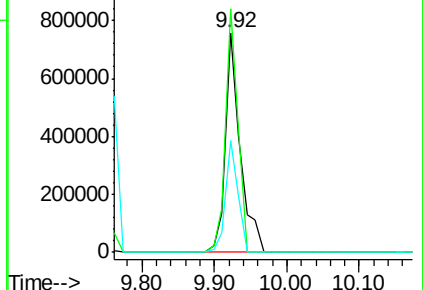
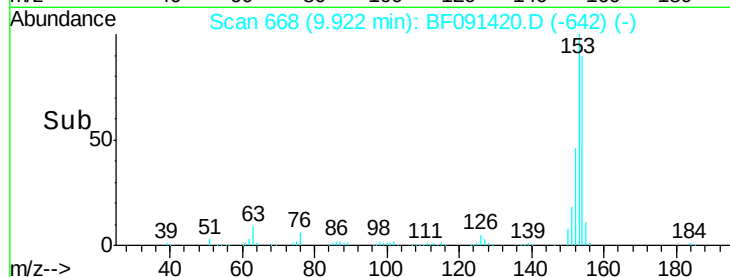
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.40 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

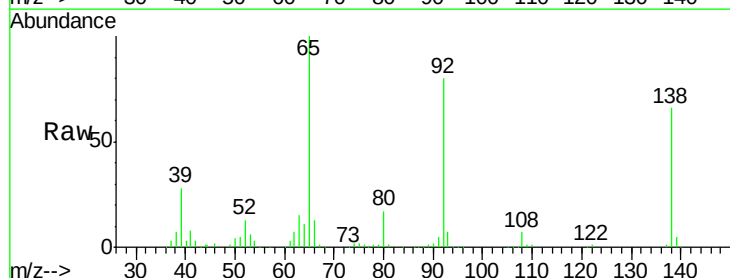
Tgt Ion:138 Resp: 152265

Ion Ratio Lower Upper

138 100

108 11.0 8.1 12.1

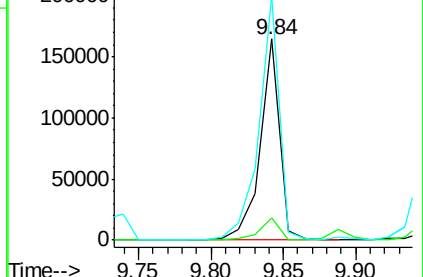
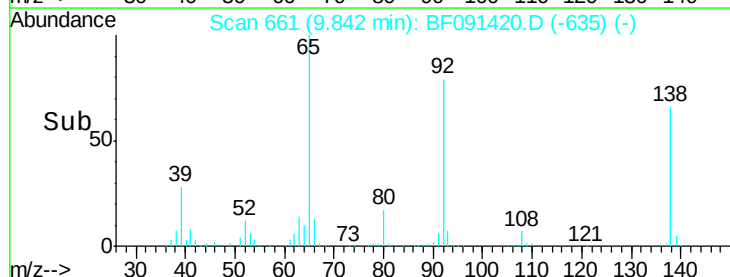
92 121.0 92.5 138.7

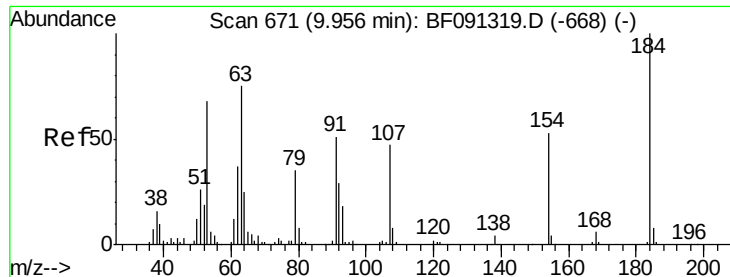


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





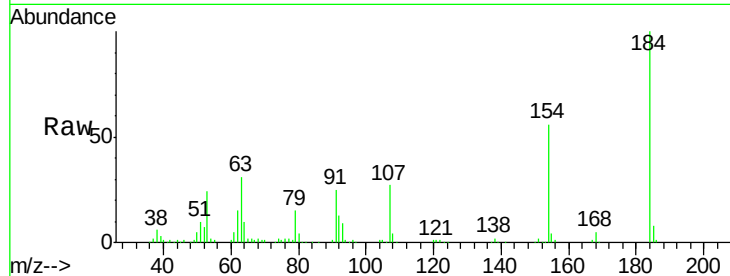
#53
2,4-Dinitrophenol
Concen: 105.70 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

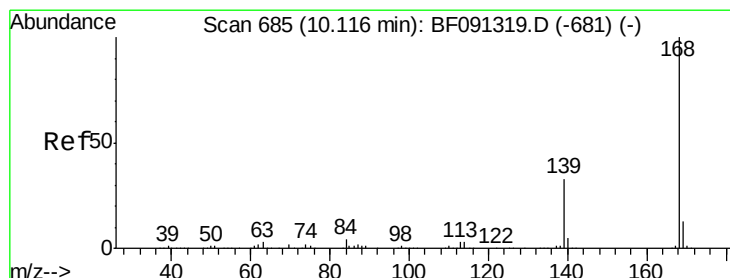
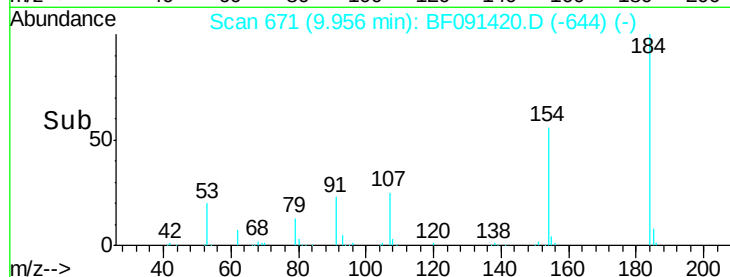
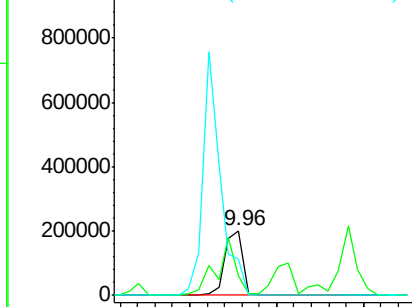
Tot Ion	Ratio	Resp	Lower	Upper
184	100	284135		
63	31.1	58.3	87.5#	
154	56.3	48.6	73.0	

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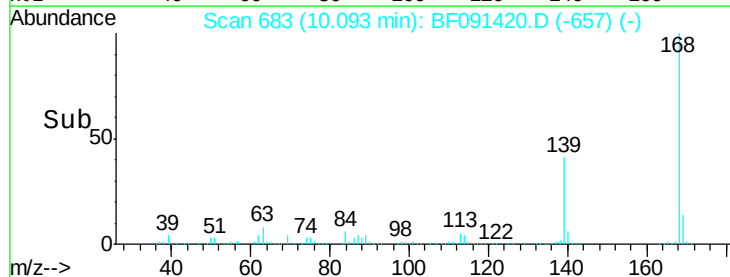
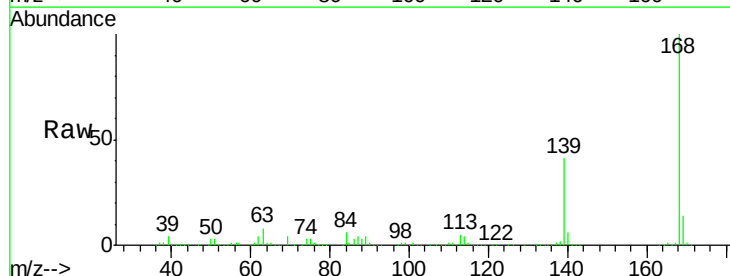
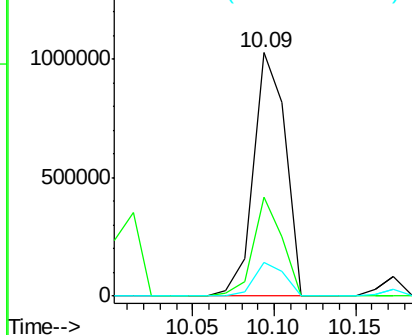
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

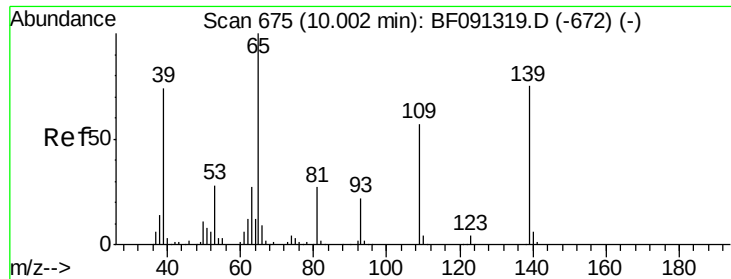


#54
Dibenzofuran
Concen: 40.21 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1390445		
139	40.8	33.4	50.2	
169	13.8	11.1	16.7	

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





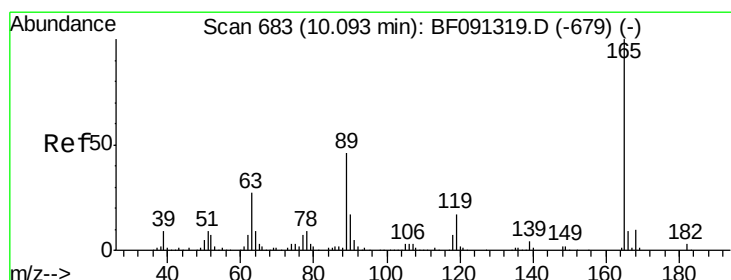
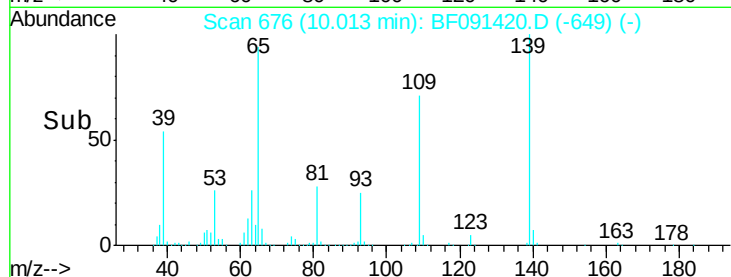
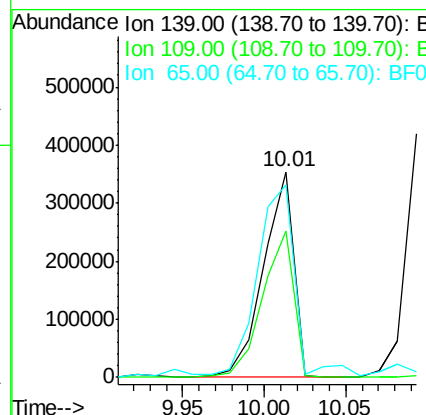
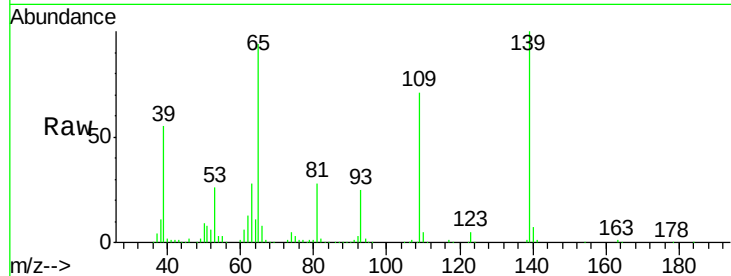
#55
4-Nitrophenol
Concen: 88.57 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampled :
PB95045BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.1	54.9	94.9	
65	93.7	102.2	142.2	

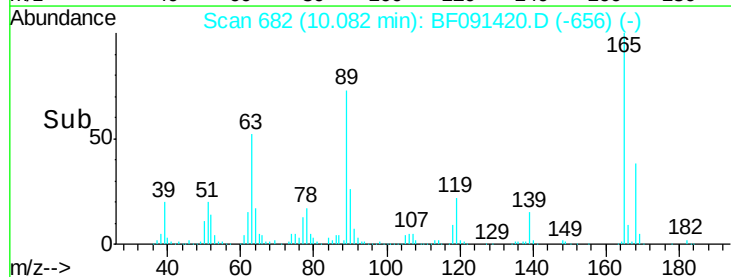
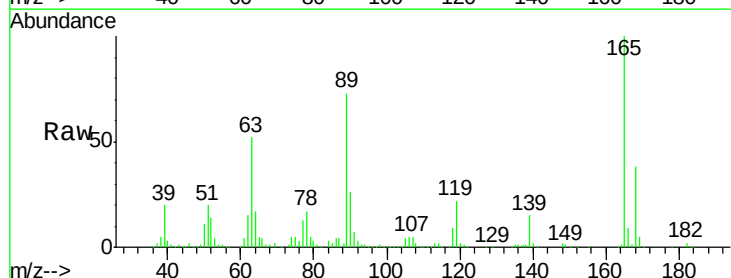
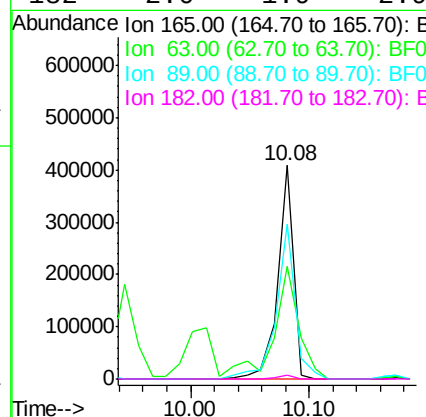
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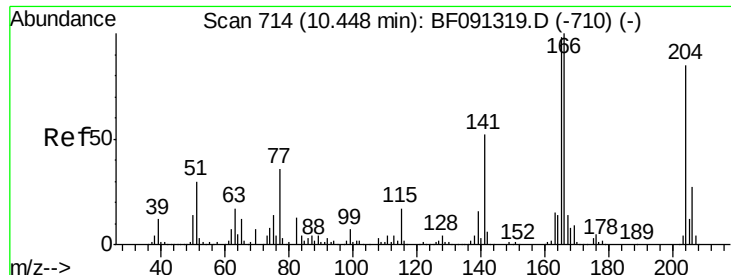
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#56
2,4-Dinitrotoluene
Concen: 47.15 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.5	29.0	43.4	
89	72.6	43.1	64.7	
182	2.0	1.9	2.9	





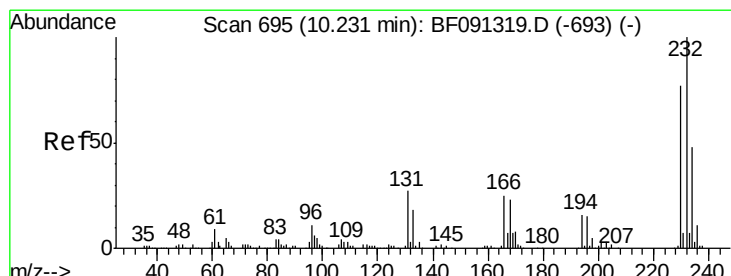
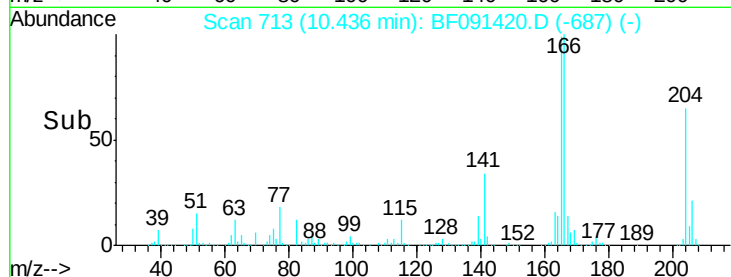
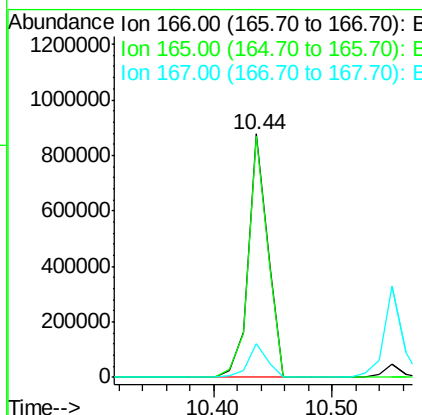
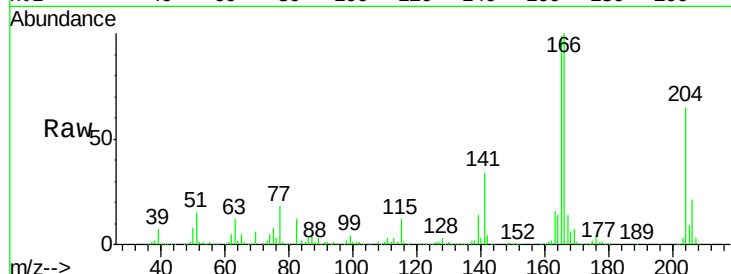
#57
Fluorene
 Concen: 37.73 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampled :
 PB95045BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.0	120.0
167	14.0	10.8	16.2

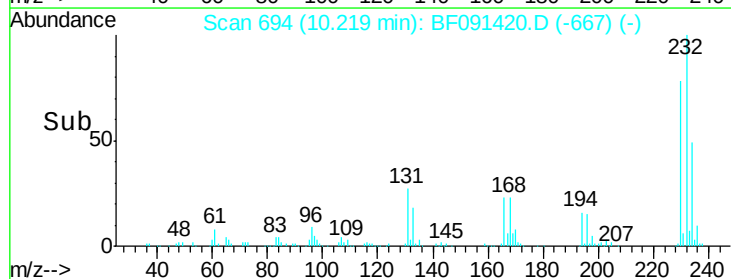
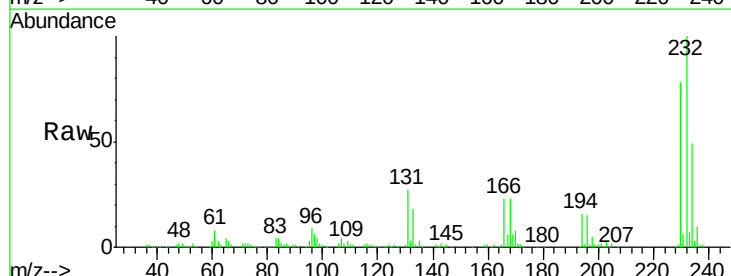
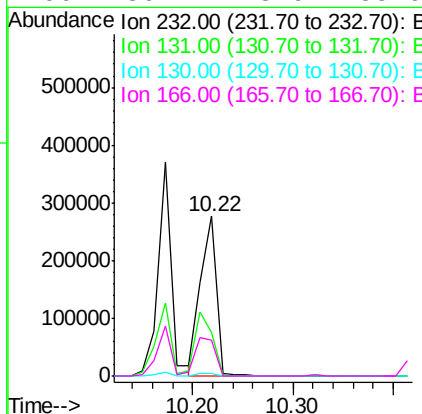
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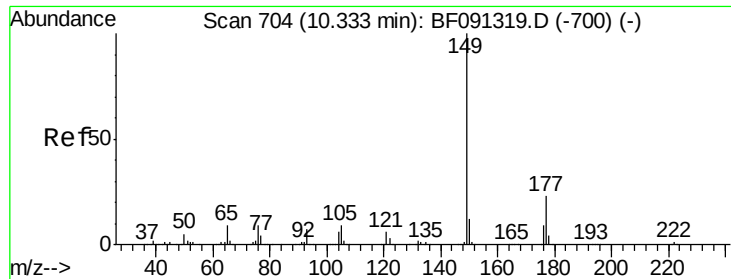
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.34 ng
 RT: 10.22 min Scan# 694
 Delta R.T. 0.01 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.4	38.4	57.6
130	2.1	1.8	2.8
166	30.7	23.9	35.9





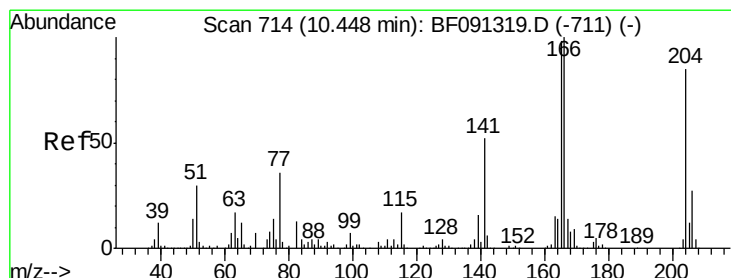
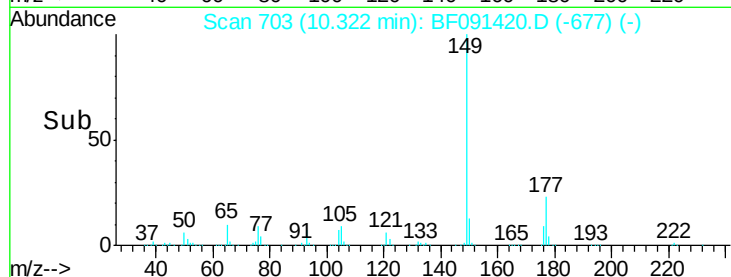
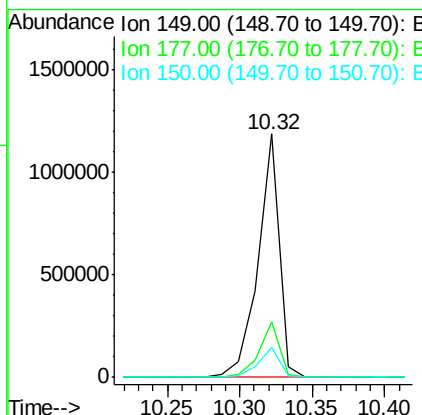
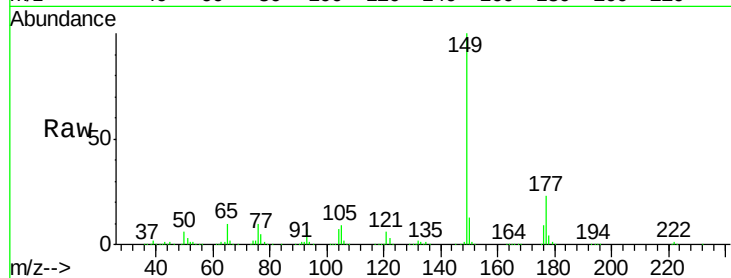
#59
Diethylphthalate
Concen: 44.35 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion:149 Resp: 1203902
Ion Ratio Lower Upper
149 100
177 23.0 15.7 23.5
150 12.5 10.2 15.2

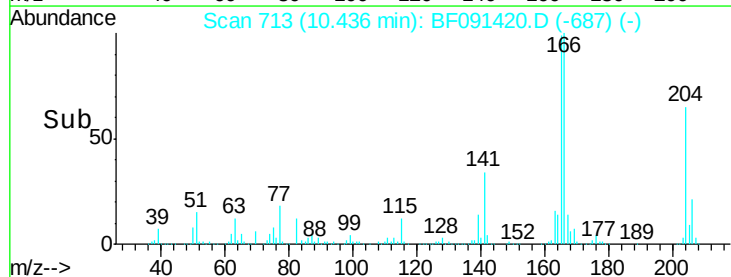
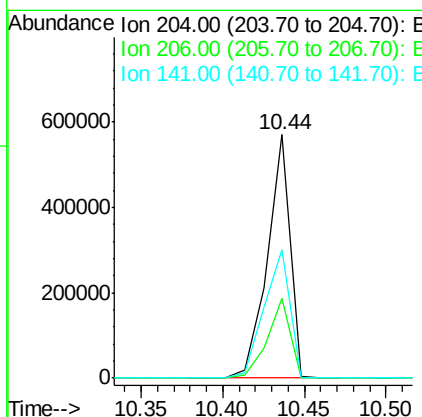
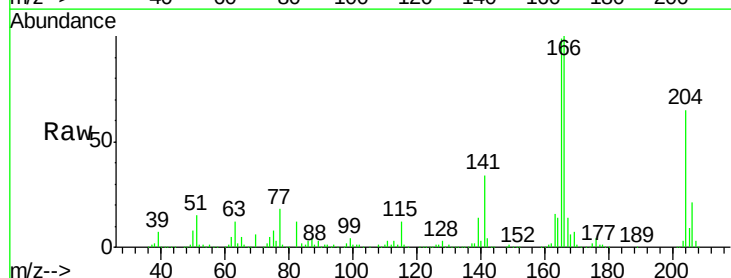
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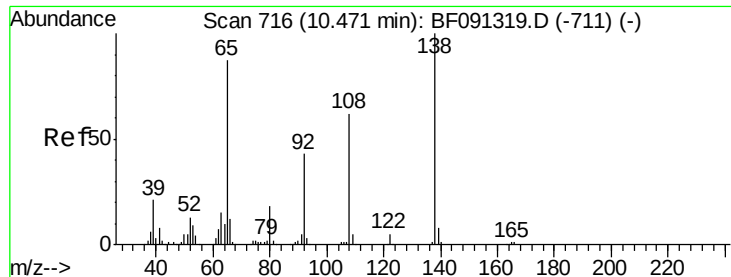
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#60
4-Chlorophenyl-phenylether
Concen: 41.50 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion:204 Resp: 552585
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 52.6 40.6 61.0





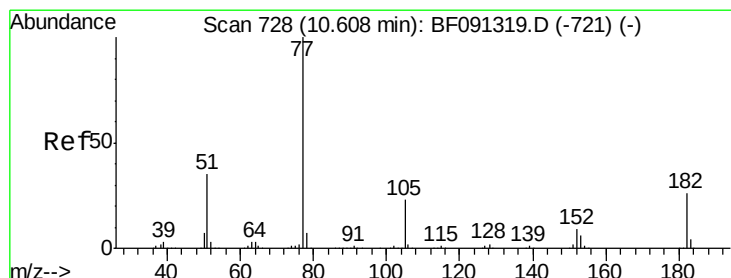
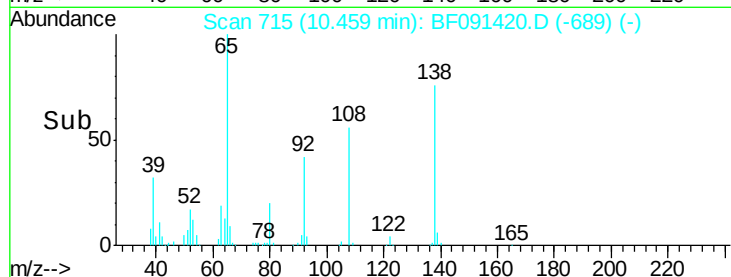
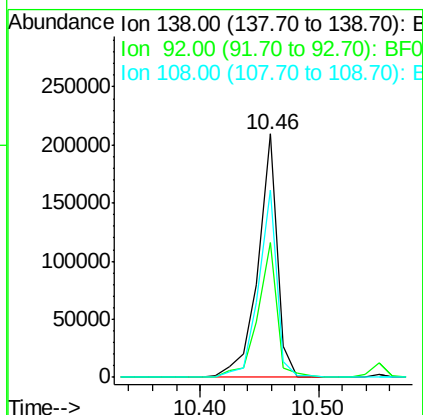
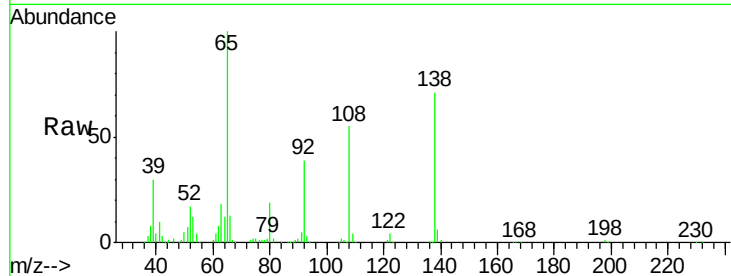
#61
4-Nitroaniline
Concen: 35.94 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampled :
PB95045BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.6	26.9	66.9
108	77.0	49.1	89.1

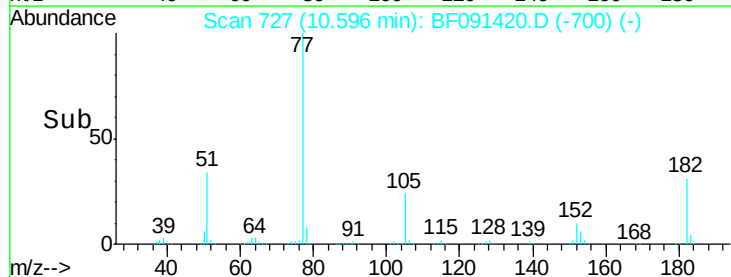
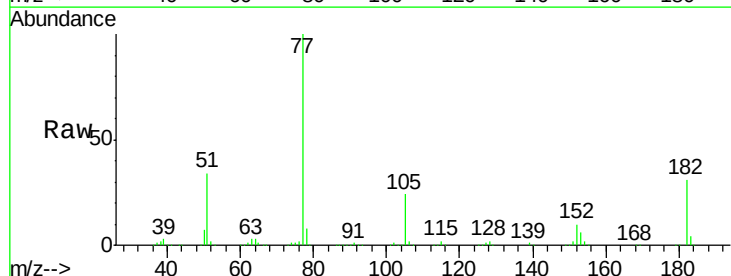
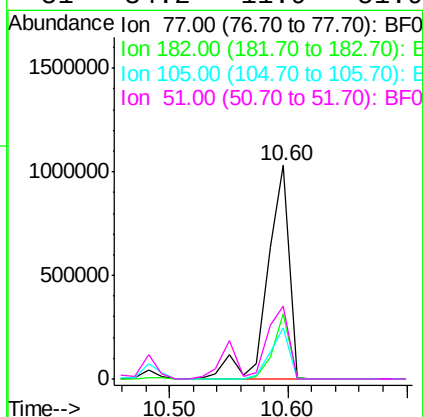
Manual Integrations
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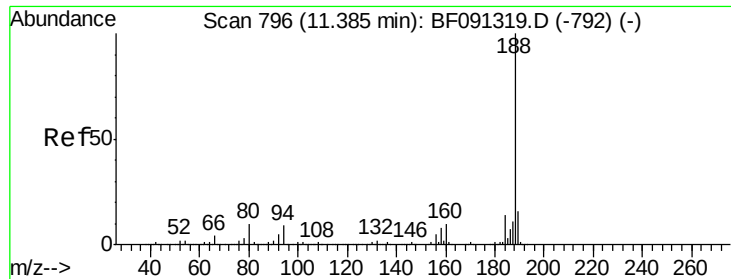
sohil
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#62
Azobenzene
Concen: 47.36 ng
RT: 10.60 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.6	12.5	52.5
105	23.7	3.7	43.7
51	34.2	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

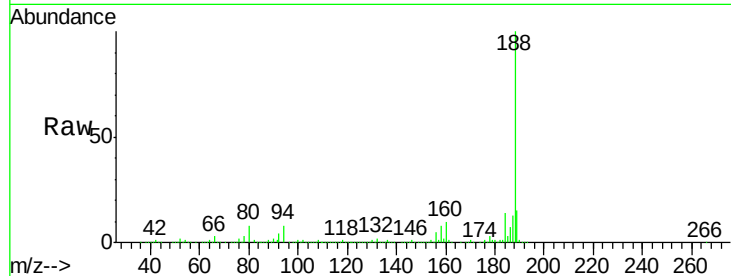
ClientSampled :

PB95045BS

Tot Ion:188	Resp:	802448
Ion Ratio	Lower	Upper
188 100		
94 7.6	9.2	13.8#
80 7.9	10.5	15.7#

Manual Integrations
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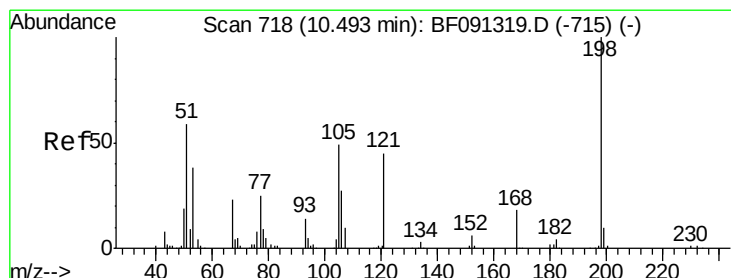
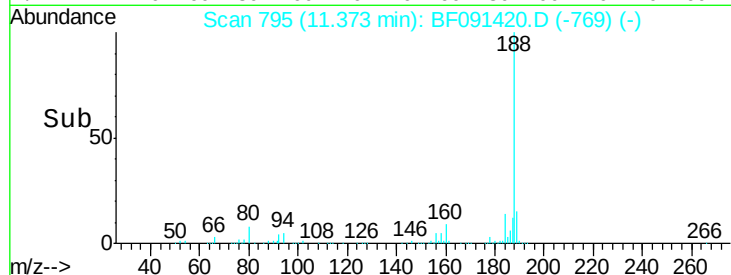
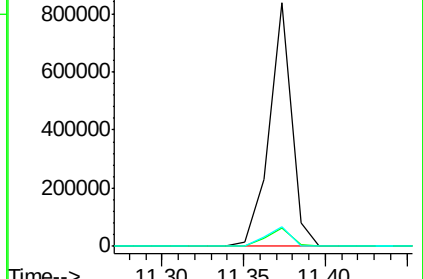
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.10 ng

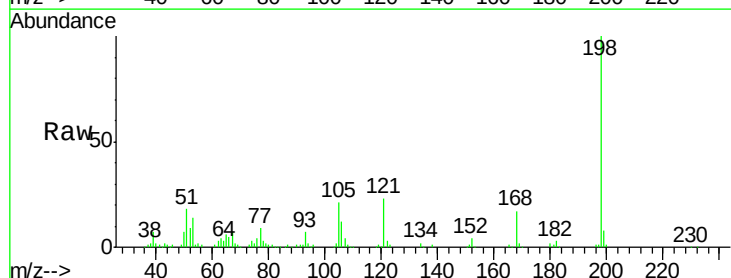
RT: 10.49 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

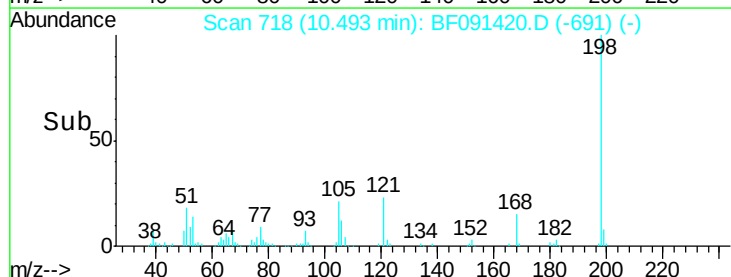
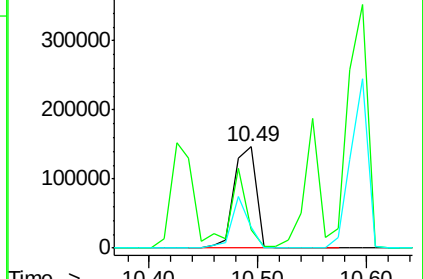
Tgt Ion:198	Resp:	203789
Ion Ratio	Lower	Upper
198 100		
51 17.8	77.1	117.1#
105 21.2	44.8	84.8#

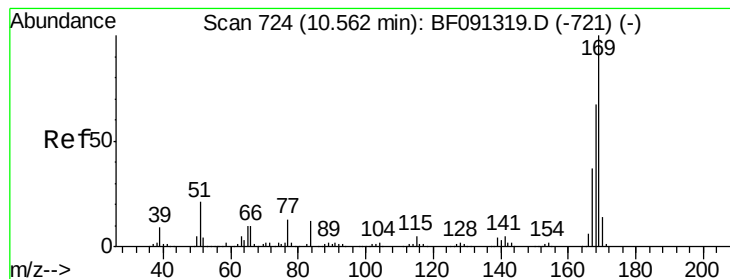


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





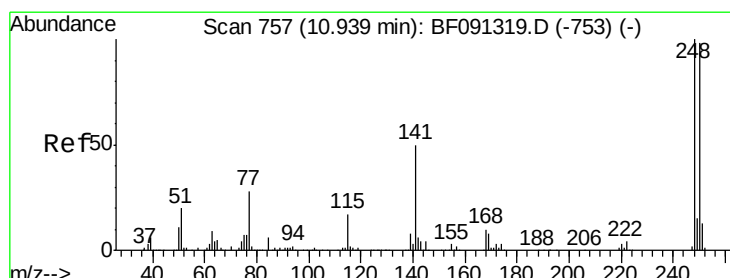
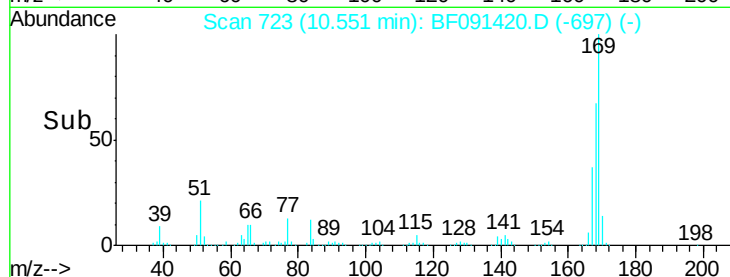
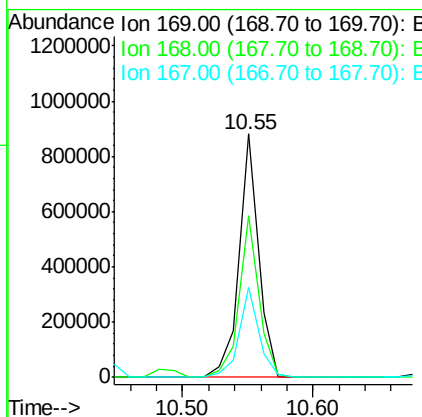
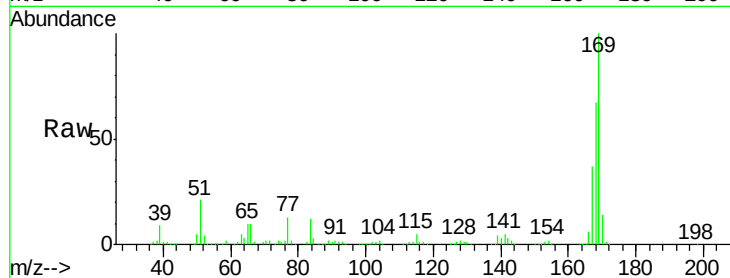
#65
n-Nitrosodiphenylamine
Concen: 37.43 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampled :
PB95045BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	66.6	53.8	80.8		
167	37.1	29.8	44.8		

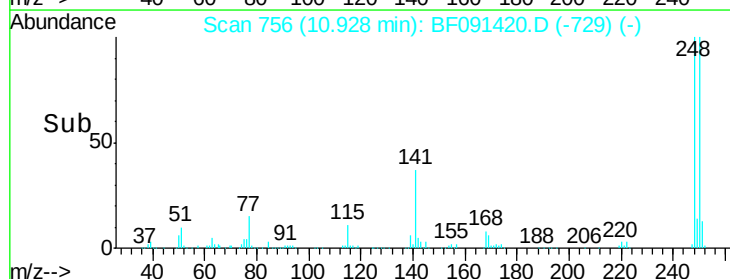
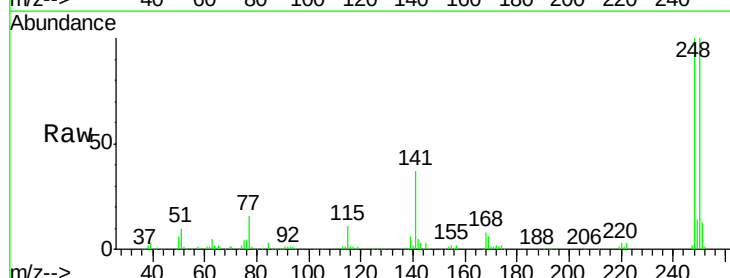
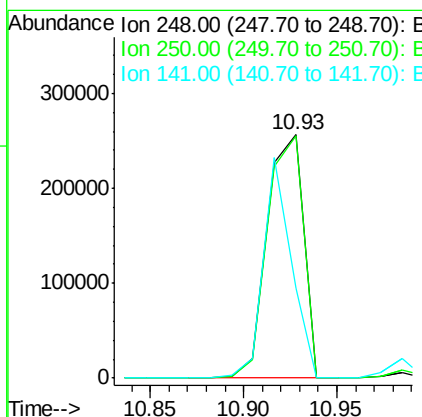
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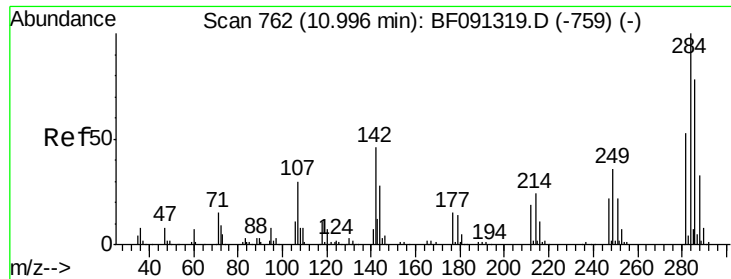
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#66
4-Bromophenyl-phenylether
Concen: 40.28 ng
RT: 10.93 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	99.6	78.2	117.4		
141	36.8	71.9	107.9		





#67

Hexachlorobenzene

Concen: 37.50 ng

RT: 10.98 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

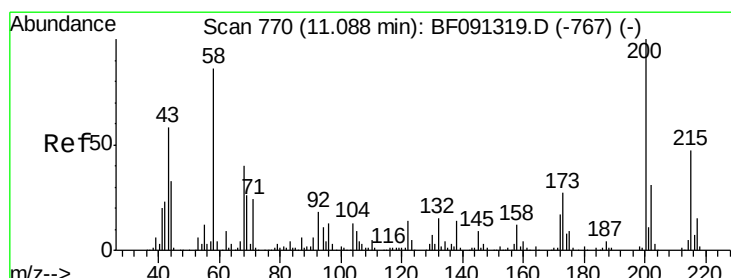
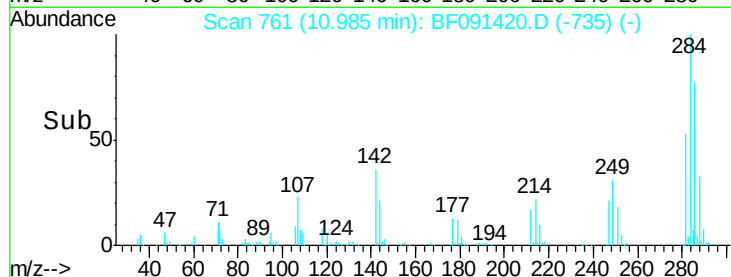
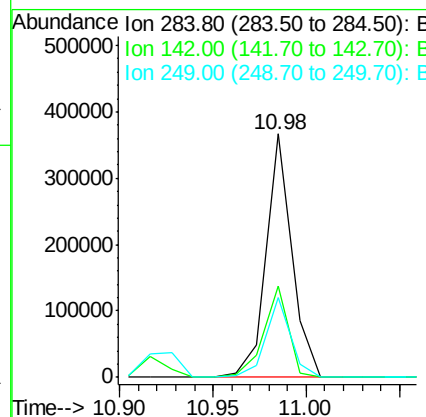
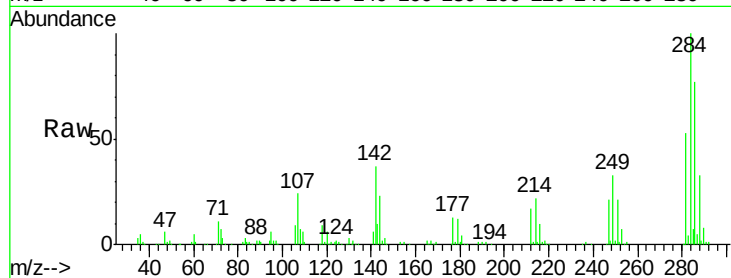
ClientSampled :

PB95045BS

Tot Ion:	284	Resp:	349483
Ion Ratio	Lower	Upper	
284	100		
142	37.3	17.9	26.9#
249	32.6	23.6	35.4

Manual Integrations
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#68

Atrazine

Concen: 41.57 ng

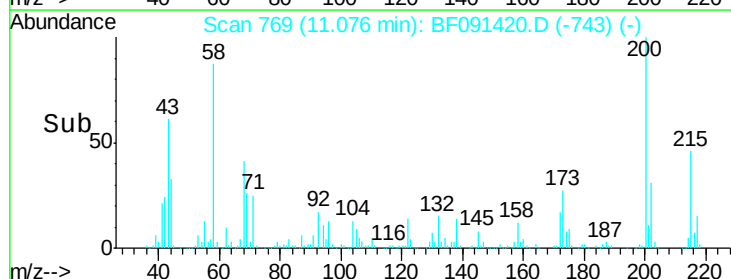
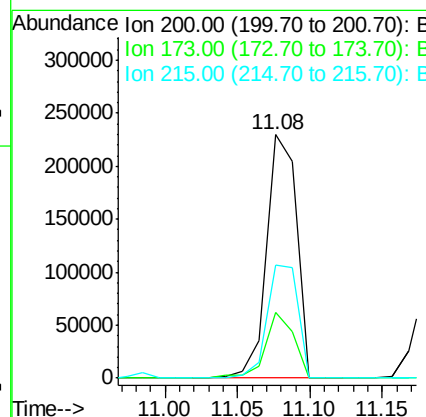
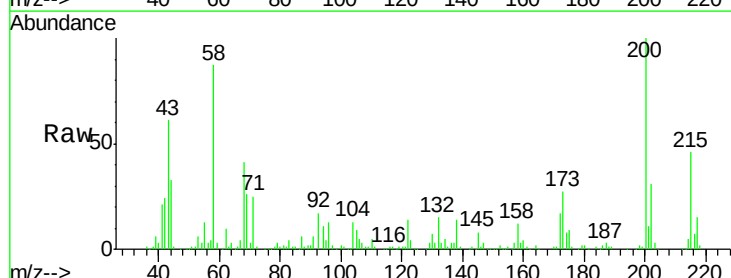
RT: 11.08 min Scan# 769

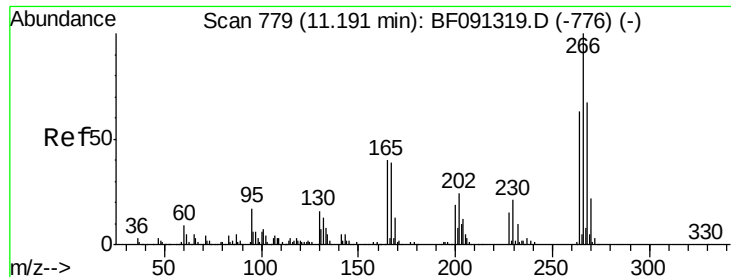
Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion:	200	Resp:	327593
Ion Ratio	Lower	Upper	
200	100		
173	27.1	7.8	47.8
215	46.4	24.3	64.3





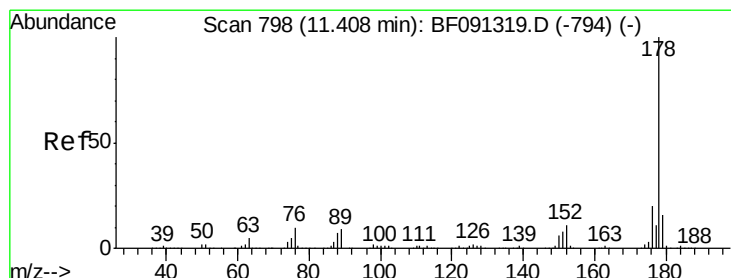
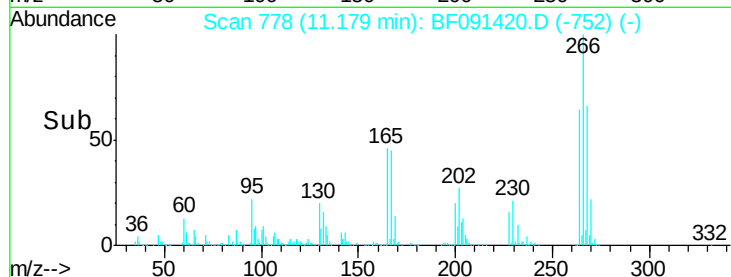
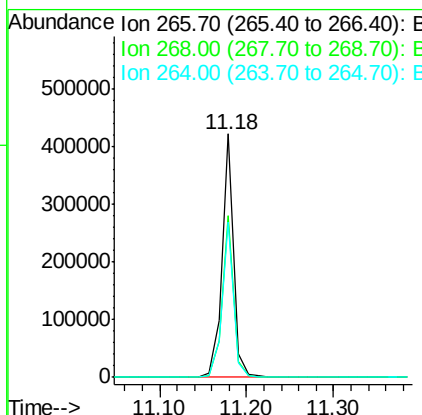
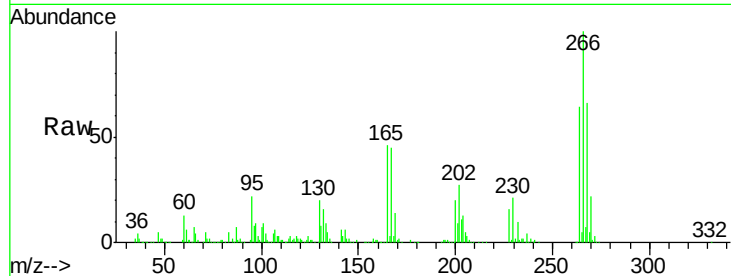
#69
 Pentachlorophenol
 Concen: 72.66 ng
 RT: 11.18 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampled :
 PB95045BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	398695		
268	66.4	50.3	75.5	
264	64.0	48.2	72.2	

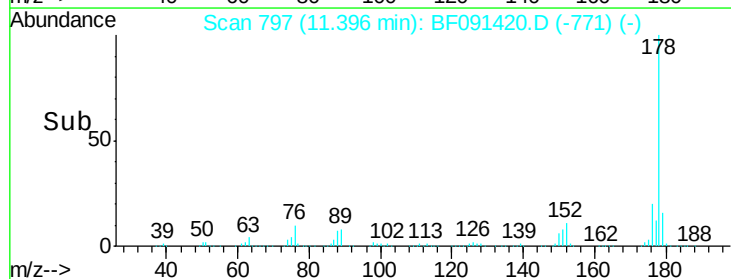
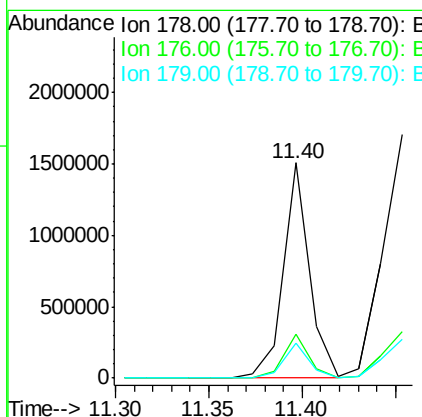
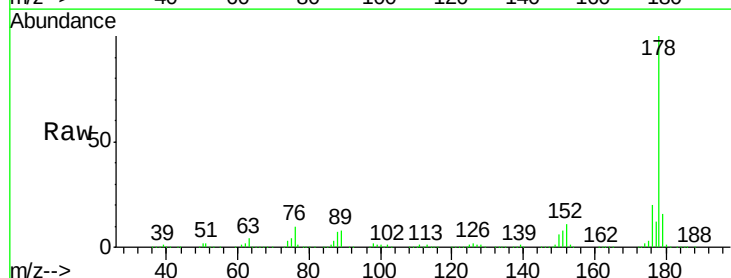
Manual Integrations
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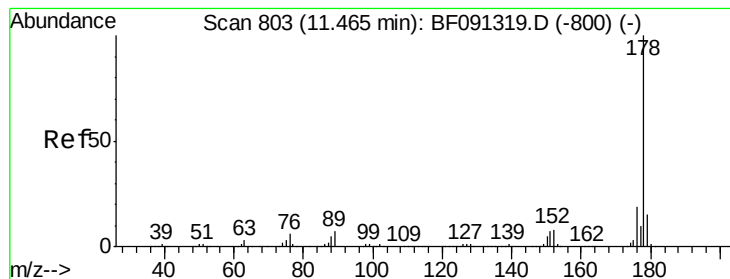
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#70
 Phenanthrene
 Concen: 35.10 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1463584		
176	20.2	15.9	23.9	
179	16.1	12.6	18.8	





#71

Anthracene

Concen: 42.98 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB95045BS

Tot Ion:178 Resp: 1778572

Ion Ratio Lower Upper

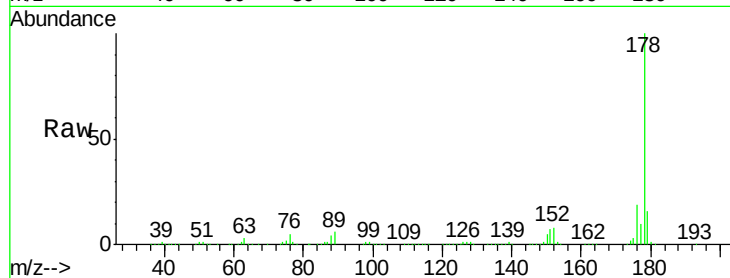
178 100

176 19.3 15.8 23.6

179 15.7 12.7 19.1

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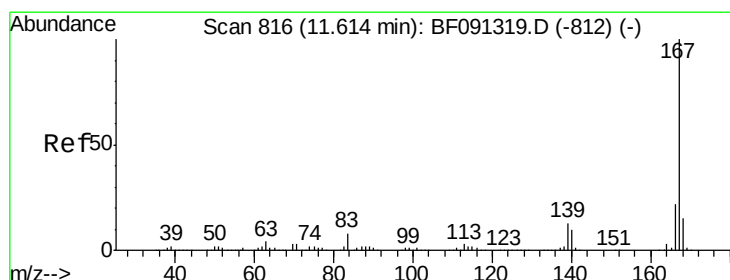
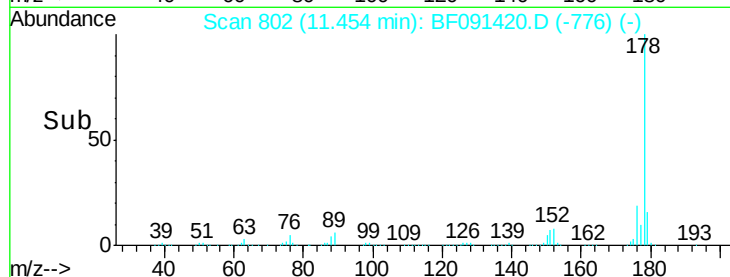
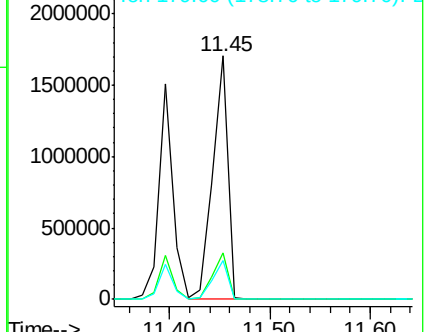
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.37 ng

RT: 11.60 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

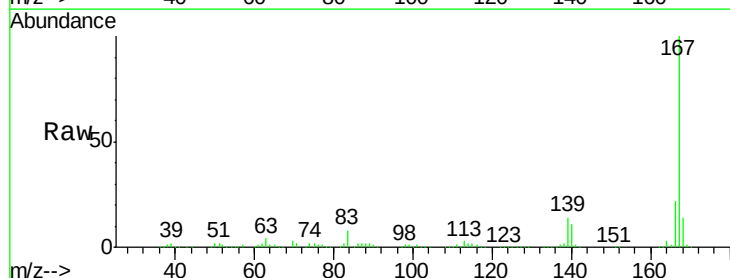
Tgt Ion:167 Resp: 1403143

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

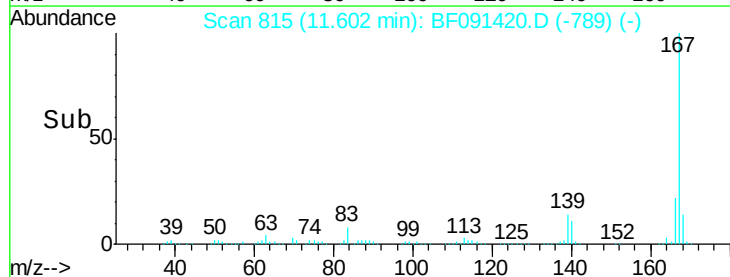
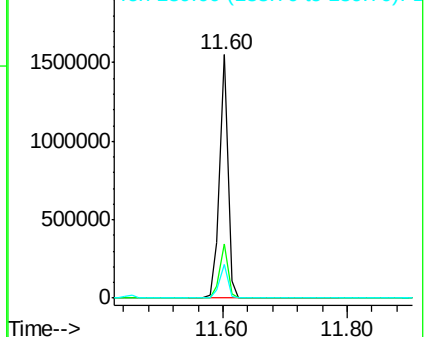
139 13.6 11.5 17.3

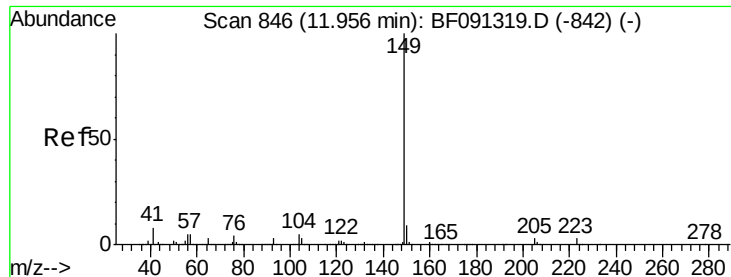


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.13 ng

RT: 11.94 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB95045BS

Tot Ion:149 Resp: 1835383

Ion Ratio Lower Upper

149 100

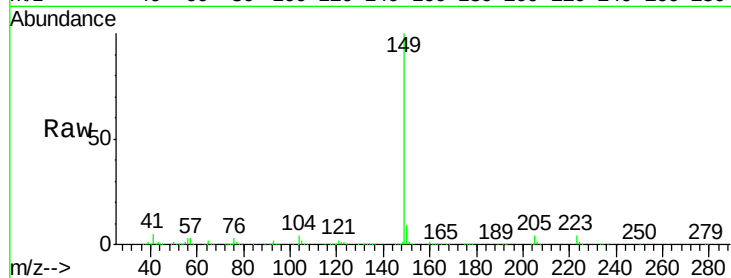
150 9.1 7.5 11.3

104 4.2 4.0 6.0

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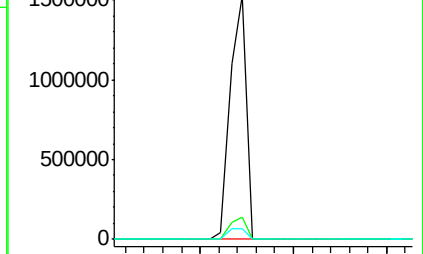
12/6/2016 3:01:16 PM



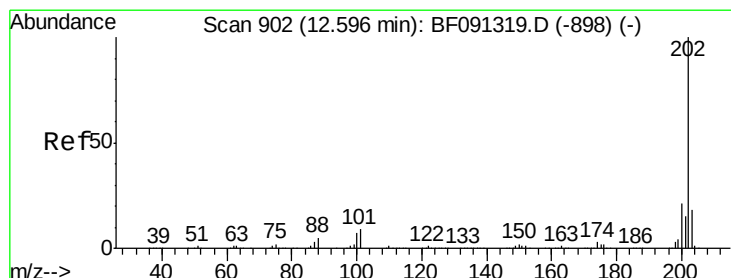
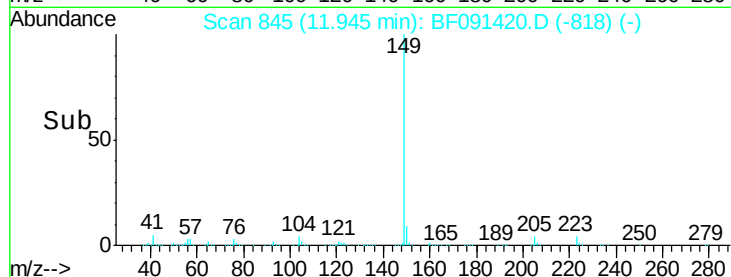
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 45.67 ng

RT: 12.59 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

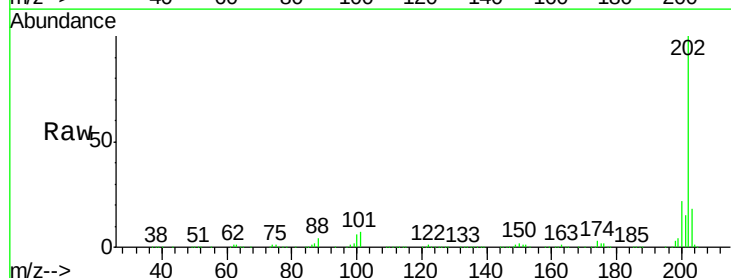
Tgt Ion:202 Resp: 1803611

Ion Ratio Lower Upper

202 100

101 7.4 0.0 29.5

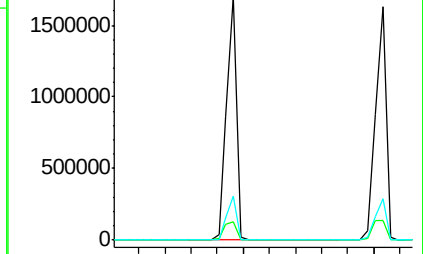
203 17.9 0.0 37.8



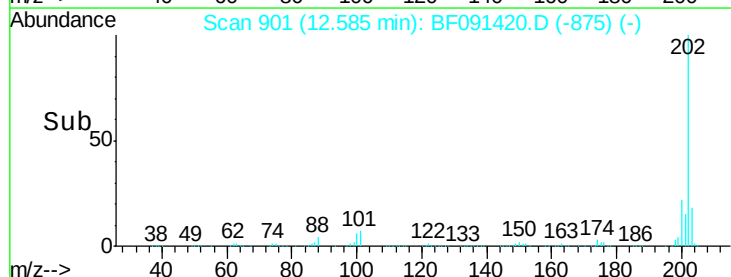
Abundance Ion 202.00 (201.70 to 202.70): E

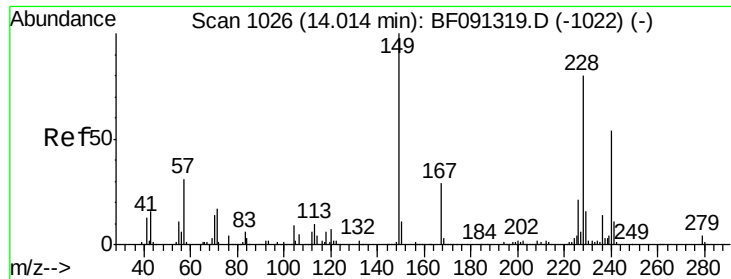
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

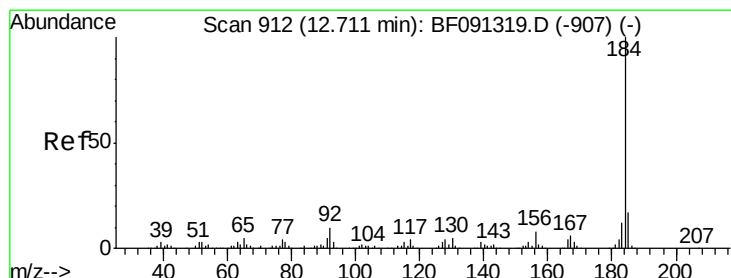
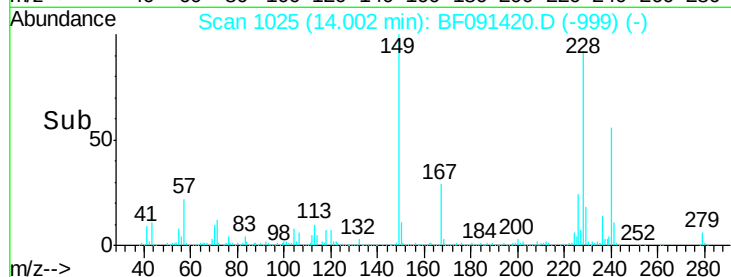
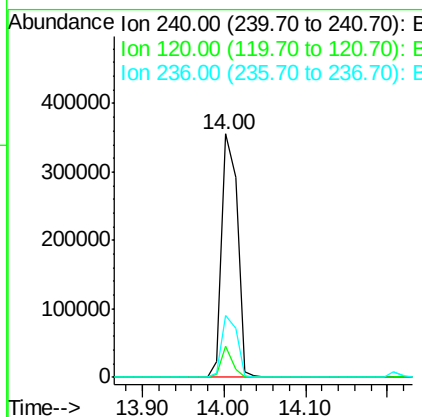
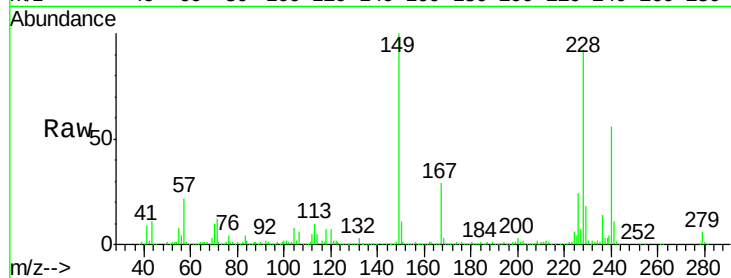
ClientSampleId :

PB95045BS

Tot Ion:	240	Resp:	470039
Ion Ratio	Lower	Upper	
240	100		
120	12.9	12.1	18.1
236	25.2	21.0	31.6

Manual Integrations
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#76

Benzidine

Concen: 35.51 ng

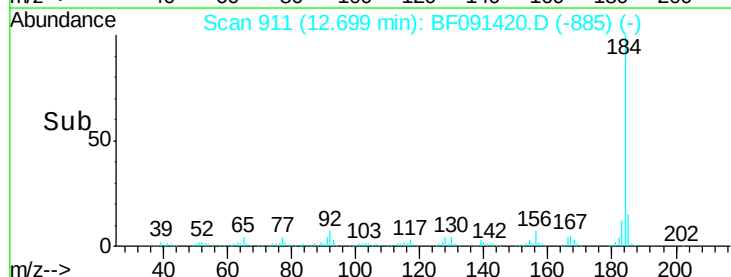
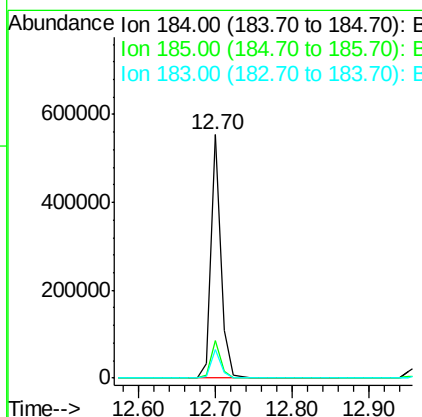
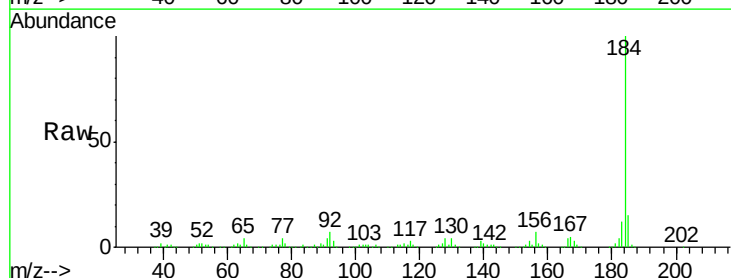
RT: 12.70 min Scan# 911

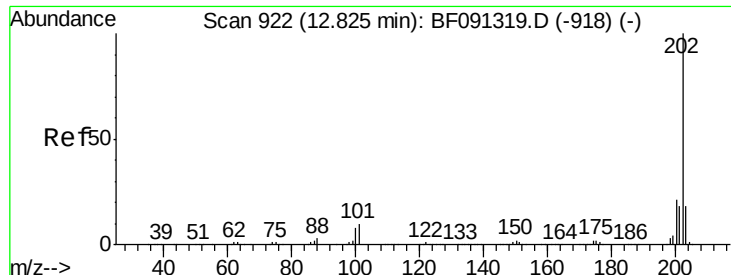
Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion:	184	Resp:	490039
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.1	19.7
183	11.8	8.9	13.3





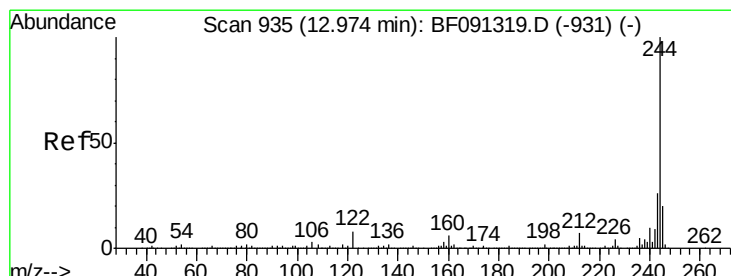
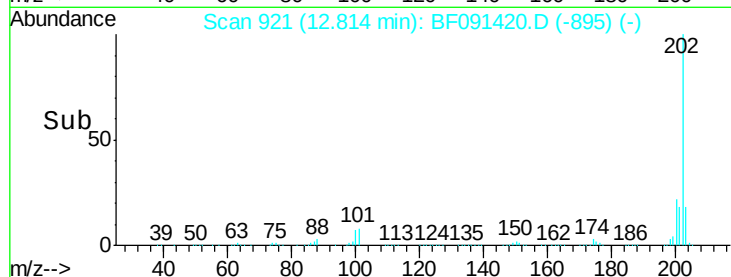
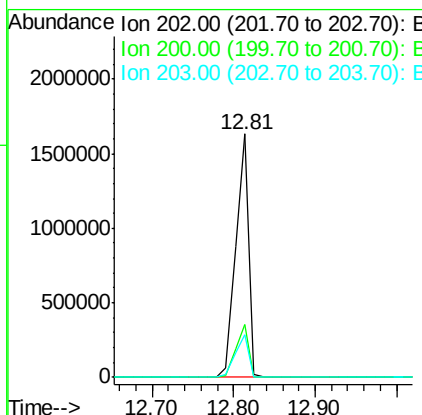
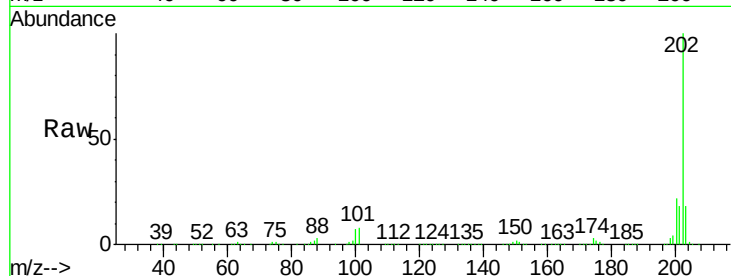
#77
Pvrene
Concen: 50.08 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

Tot Ion: 202 Resp: 1786513
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.6 14.0 21.0

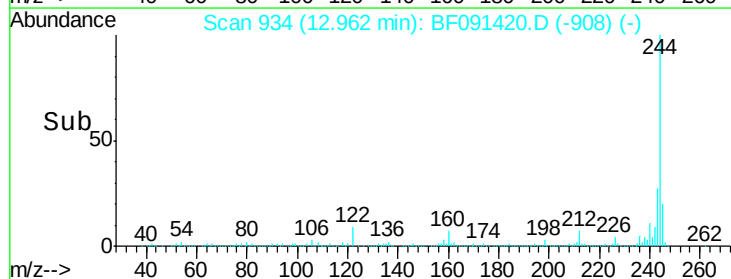
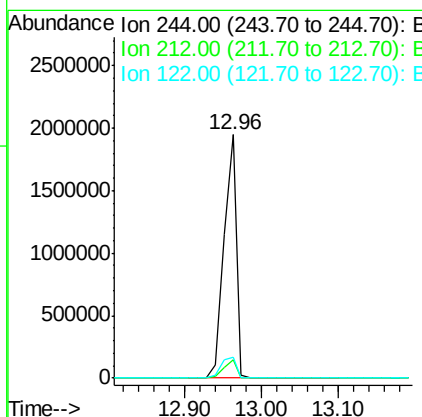
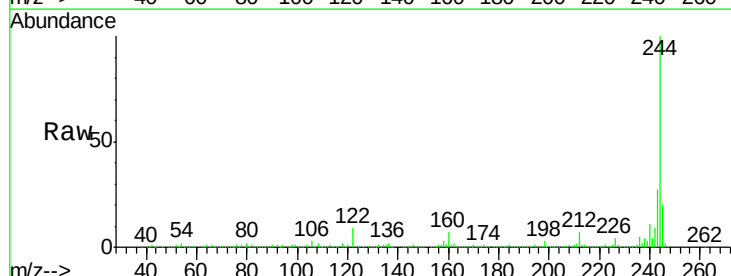
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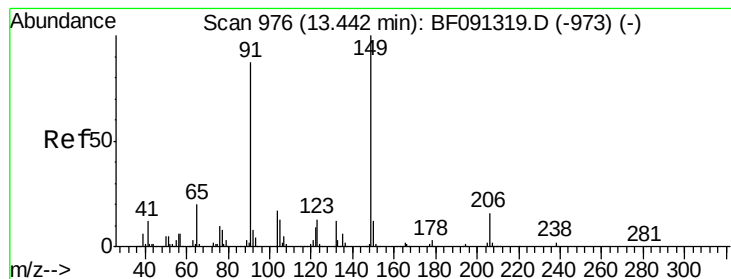
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#78
Terphenyl-d14
Concen: 103.20 ng
RT: 12.96 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion: 244 Resp: 2231798
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 8.5 9.5 14.3#





#79

Butylbenzylphthalate

Concen: 50.79 ng

RT: 13.43 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

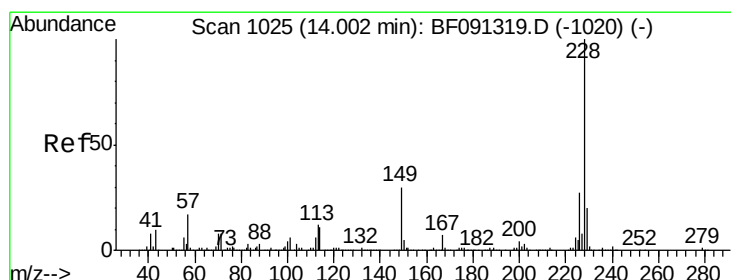
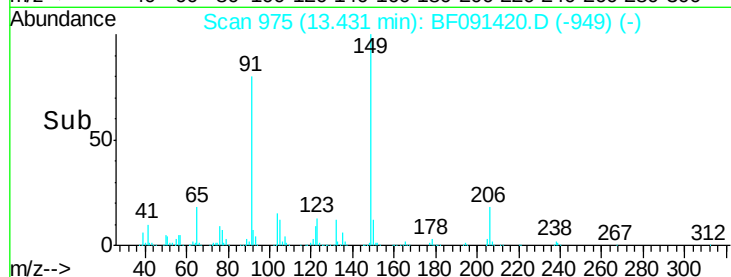
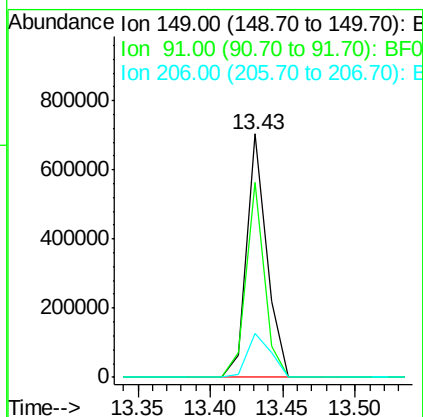
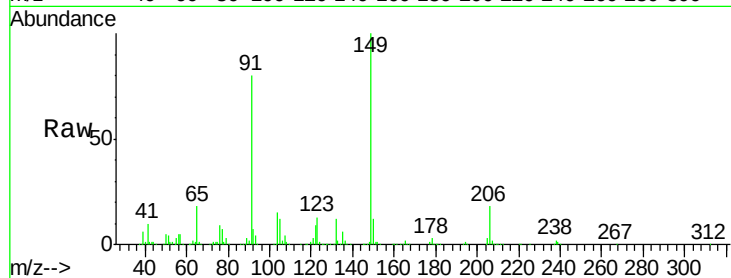
ClientSampleId :

PB95045BS

Tot Ion:	149	Resp:	678450
Ion Ratio	Lower	Upper	
149	100		
91	80.3	57.4	86.2
206	18.2	15.4	23.2

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#80

Benzo(a)anthracene

Concen: 43.93 ng

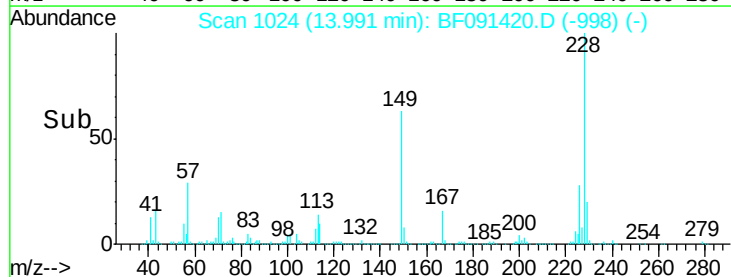
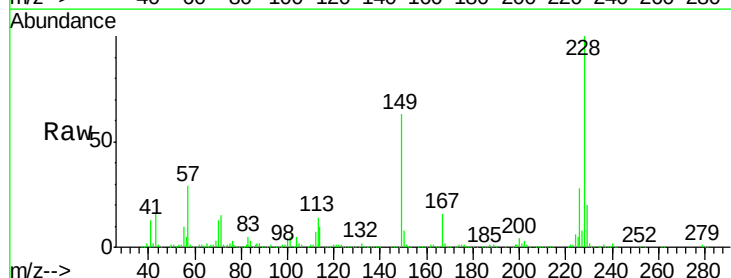
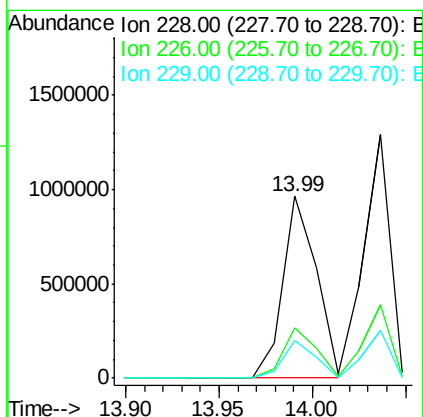
RT: 13.99 min Scan# 1024

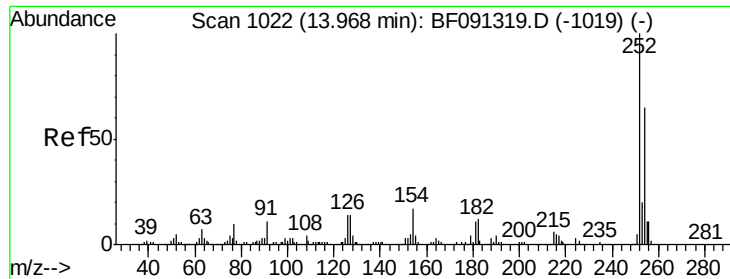
Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion:	228	Resp:	1207622
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.5	33.7
229	20.3	16.4	24.6





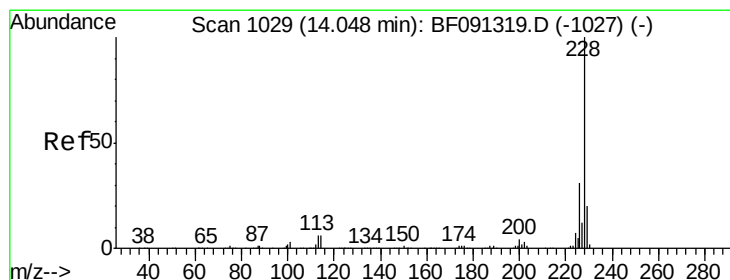
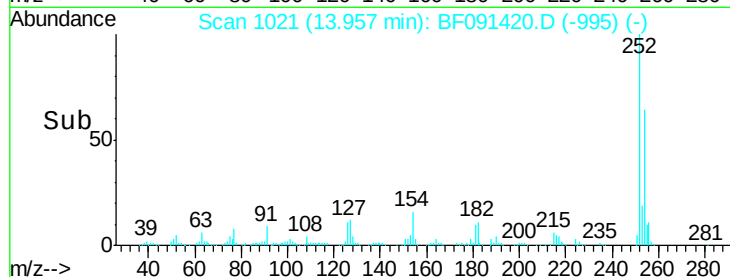
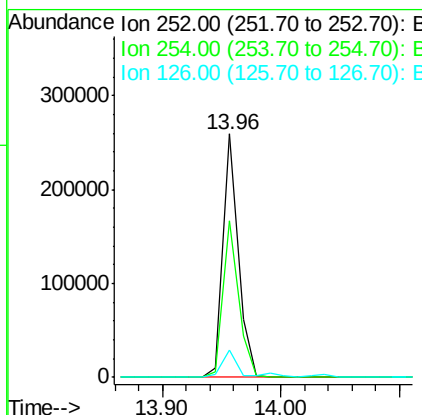
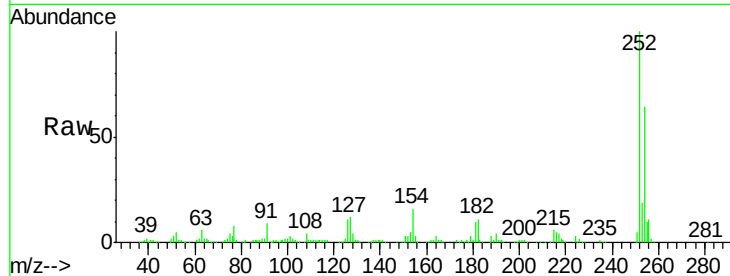
#81
 3,3'-Dichlorobenzidine
 Concen: 23.78 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	230304		
254	64.4	52.1	78.1	
126	11.2	7.5	11.3	

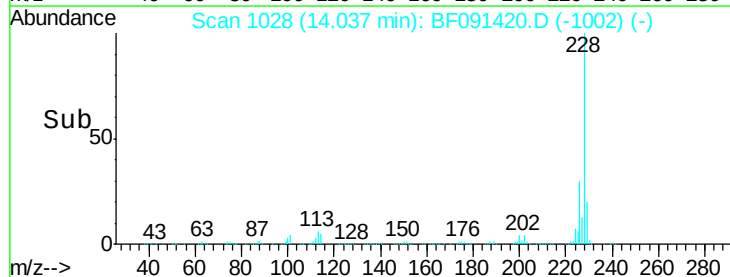
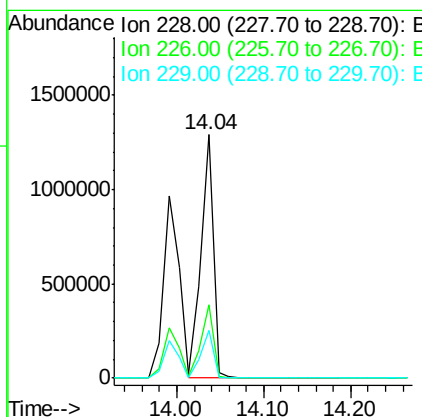
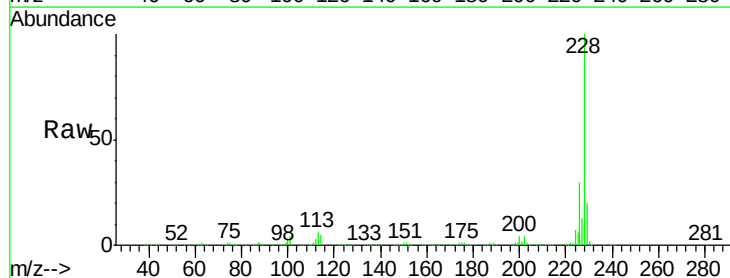
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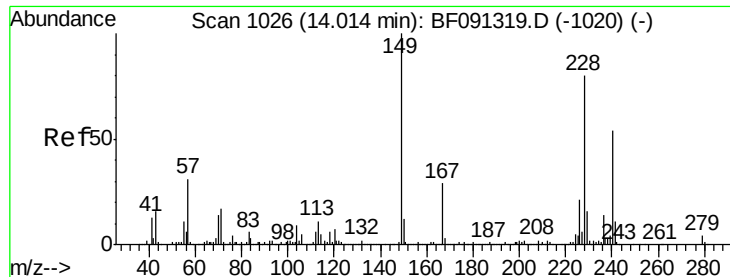
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#82
 Chrysene
 Concen: 45.90 ng
 RT: 14.04 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1248390		
226	30.4	25.0	37.4	
229	19.8	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.76 ng

RT: 14.00 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB95045BS

Tot Ion:149 Resp: 876399

Ion Ratio Lower Upper

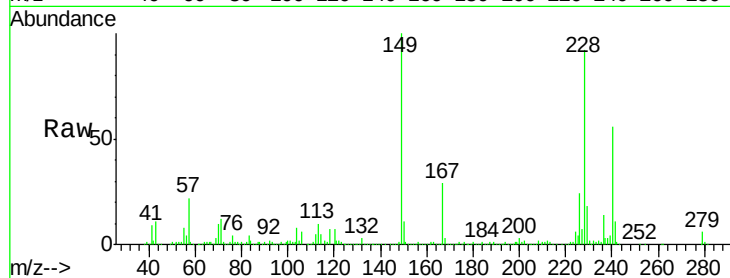
149 100

167 29.4 19.6 29.4

279 5.7 1.9 2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

800000

600000

400000

200000

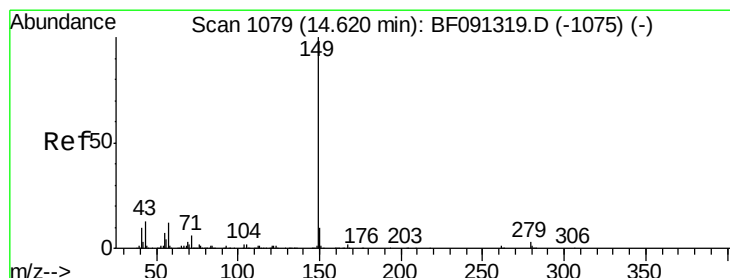
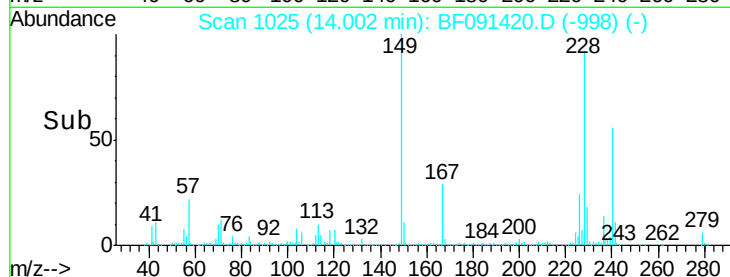
0

13.90

14.00

14.10

Time-->



#84

Di-n-octyl phthalate

Concen: 60.00 ng

RT: 14.61 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

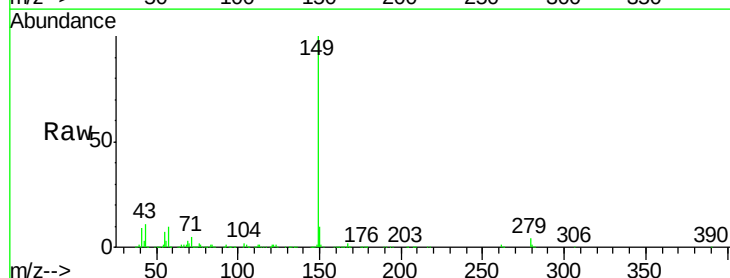
Tgt Ion:149 Resp: 1537300

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 13.2 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

2000000

1500000

1000000

500000

0

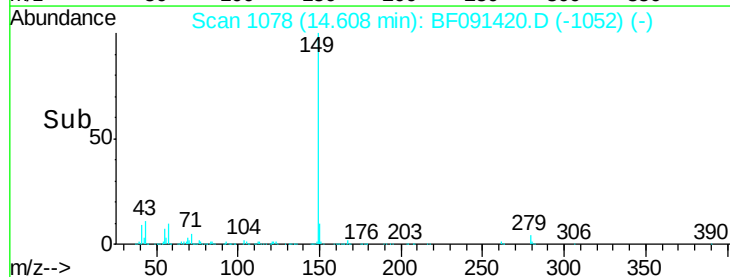
14.50

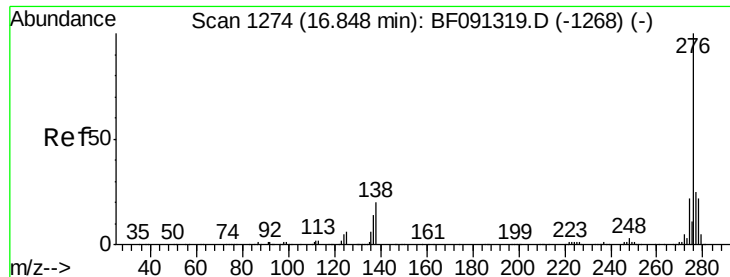
14.60

14.70

14.80

Time-->





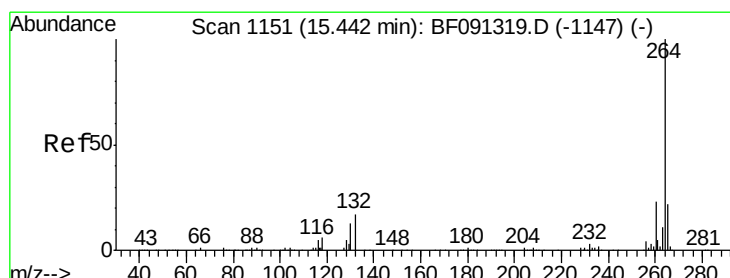
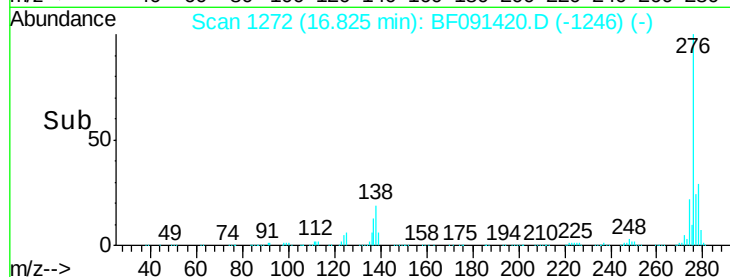
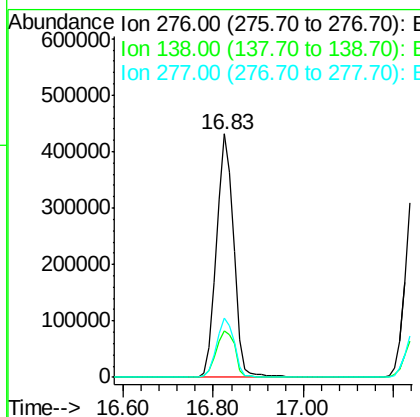
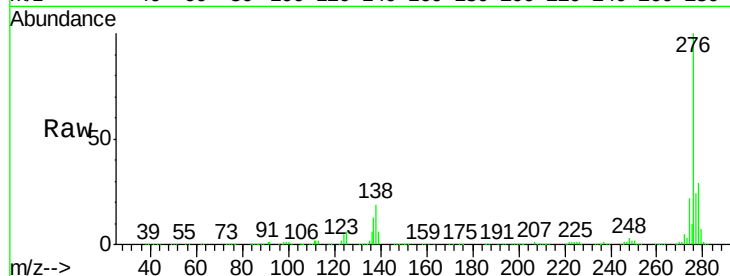
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.44 ng
RT: 16.83 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB95045BS

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

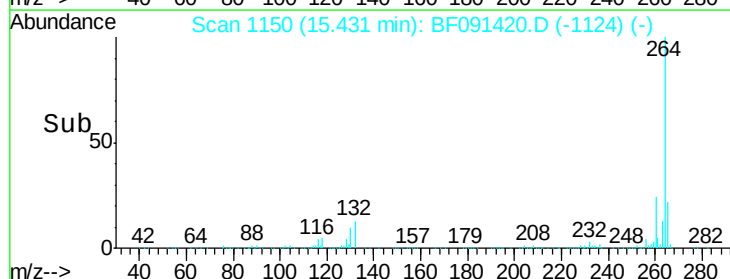
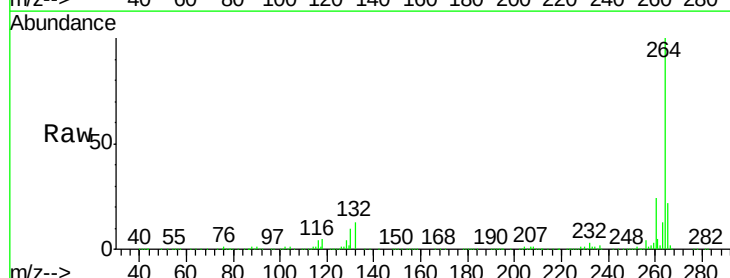
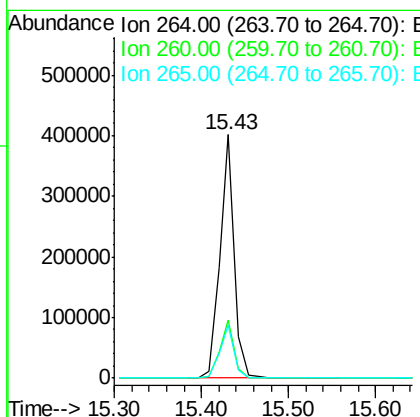
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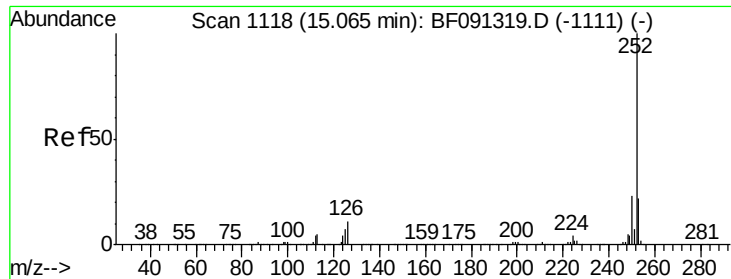
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.0	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 50.11 ng m

RT: 15.02 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Instrument :

BNA_F

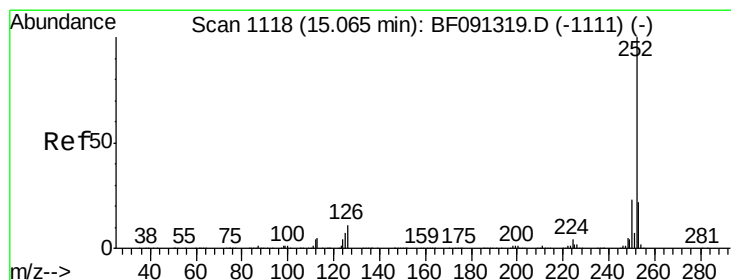
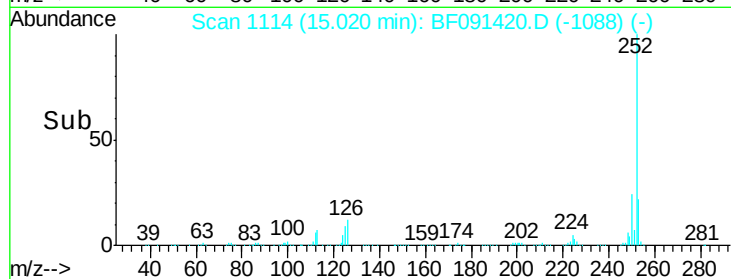
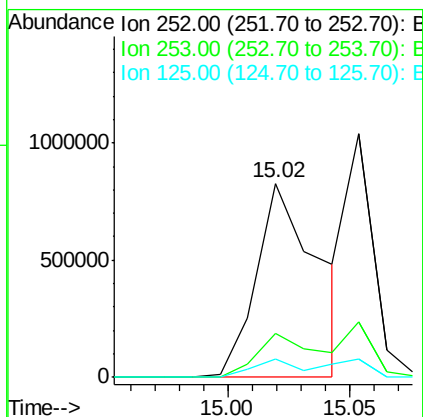
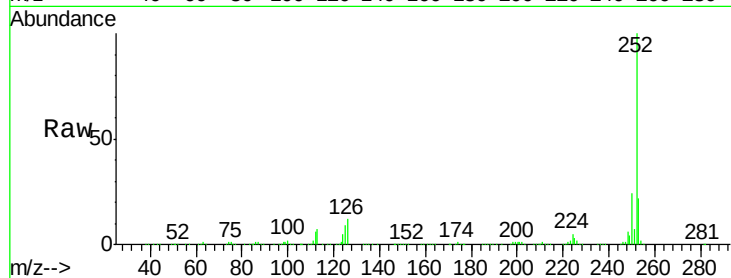
ClientSampleId :

PB95045BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.5	8.6	13.0

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#88

Benzo(k)fluoranthene

Concen: 33.50 ng m

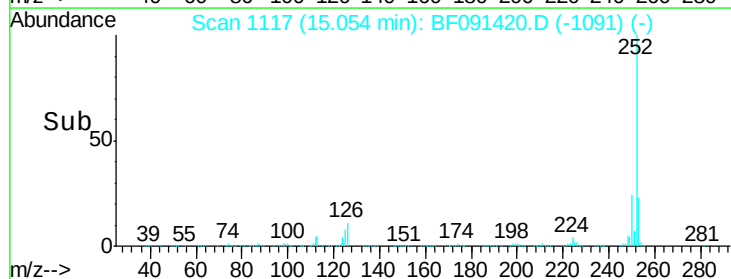
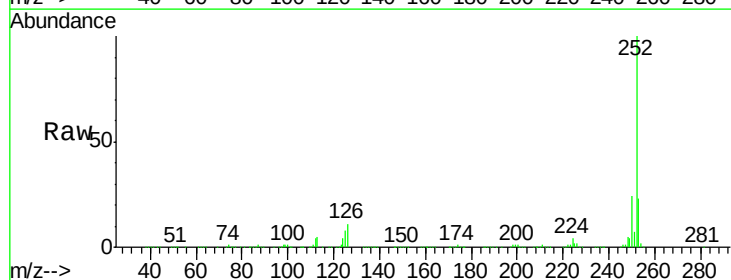
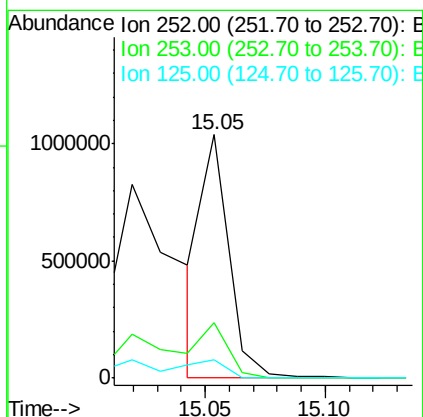
RT: 15.05 min Scan# 1117

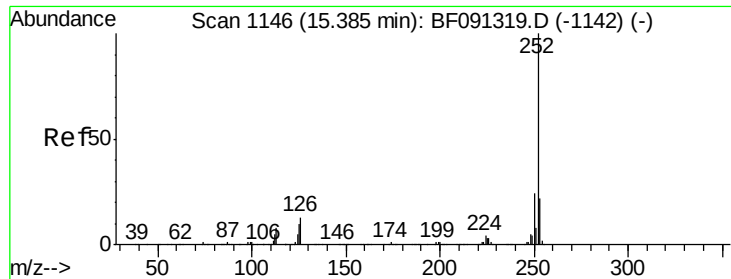
Delta R.T. -0.00 min

Lab File: BF091420.D

Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.7	9.6	14.4#





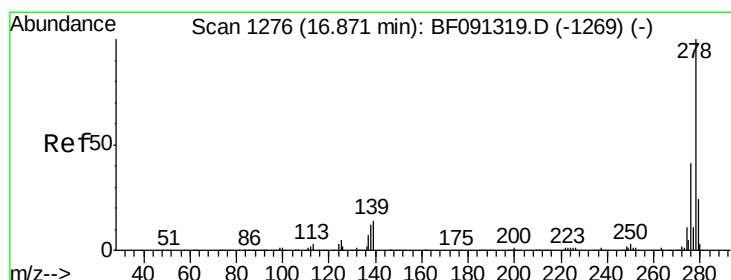
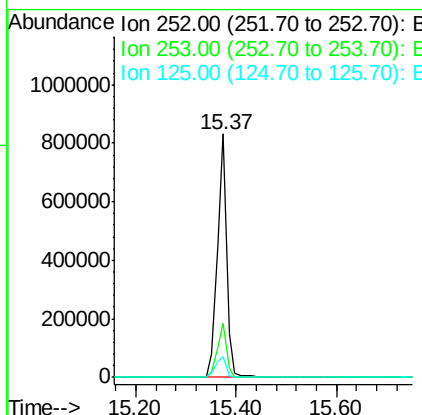
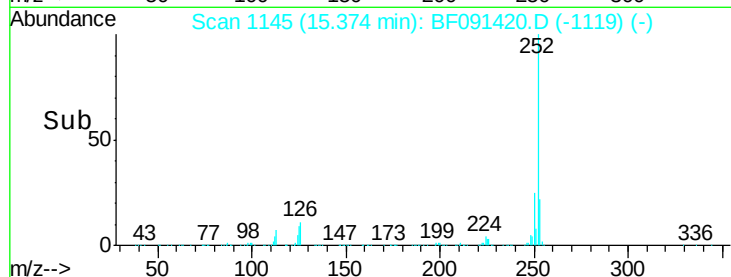
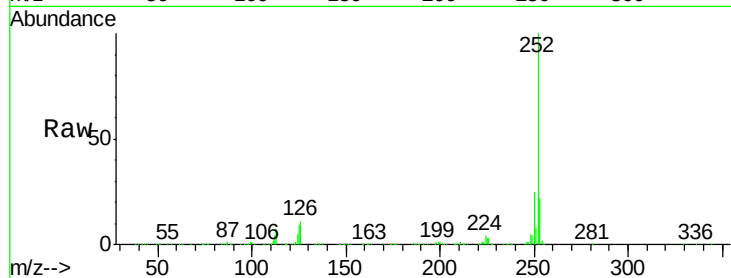
#89
Benzo(a)pyrene
Concen: 41.17 ng
RT: 15.37 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Instrument :
BNA_F
ClientSampled :
PB95045BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	8.5	10.4	15.6

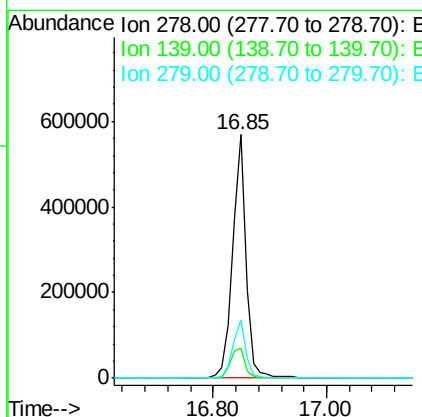
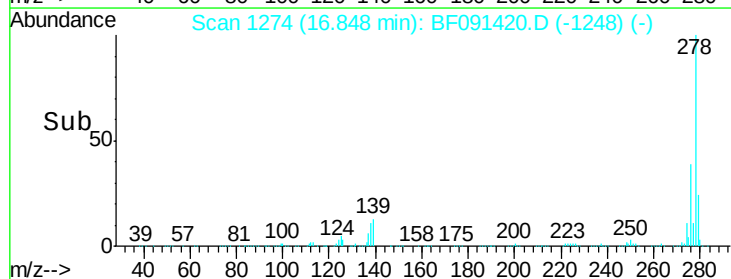
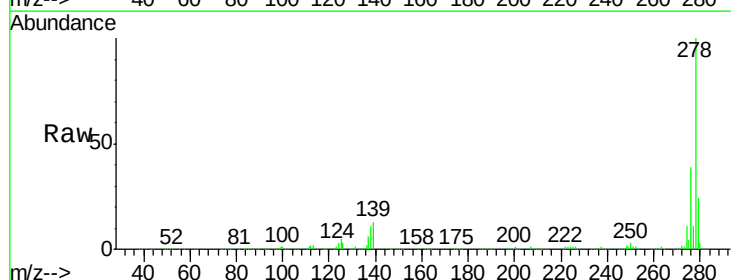
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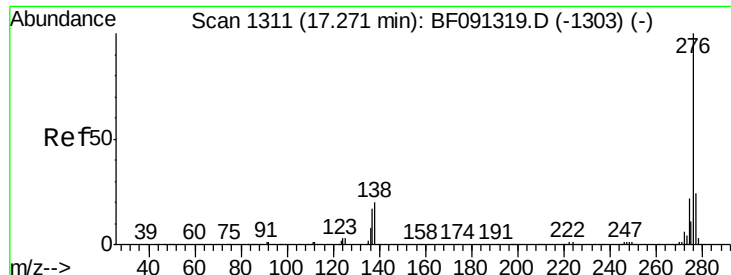
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#90
Dibenzo(a,h)anthracene
Concen: 39.58 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF091420.D
Acq: 5 Dec 2016 16:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	15.1	22.7
279	24.0	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.98 ng
 RT: 17.25 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF091420.D
 Acq: 5 Dec 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB95045BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	19.0	28.4
138	18.9	15.4	23.0

Manual Integrations
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