

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091144.D
 Acq On : 11 Nov 2016 17:07
 Operator : UM/SJ
 Sample : PB94676BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Manual Integrations
 APPROVED

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 11/14/2016 6:36:49 PM

Quant Time: Nov 11 17:57:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	193636	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	801572	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	419885	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	689755	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	590017	20.00	ng	-0.02
86) Perylene-d12	15.15	264	402148	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1508994	128.70	ng	0.00
7) Phenol-d6	6.30	99	1783853	112.09	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1248640	84.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	512949	135.13	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2077151	85.17	ng	-0.02
78) Terphenyl-d14	12.74	244	2142155	90.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.21	88	216025	32.21	ng	96
3) Pyridine	2.85	79	651842	41.55	ng	97
4) n-Nitrosodimethylamine	2.82	42	259030	41.74	ng	93
6) Aniline	6.32	93	388826	20.71	ng	# 1
8) 2-Chlorophenol	6.43	128	584256	41.78	ng	96
9) Benzaldehyde	6.19	77	57432	6.50	ng	98
10) Phenol	6.32	94	695949	39.52	ng	# 70
11) bis(2-Chloroethyl)ether	6.38	93	603070	40.64	ng	98
12) 1,3-Dichlorobenzene	6.58	146	592553m	41.89	ng	
13) 1,4-Dichlorobenzene	6.66	146	645258	42.52	ng	95
14) 1,2-Dichlorobenzene	6.82	146	558430	40.09	ng	94
15) Benzyl Alcohol	6.81	79	482339	42.97	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.93	45	744722	35.04	ng	72
17) 2-Methylphenol	6.92	107	484371	43.75	ng	96
18) Hexachloroethane	7.15	117	241545	41.13	ng	91
19) n-Nitroso-di-n-propylamine	7.07	70	464320	42.10	ng	99
20) 3+4-Methylphenols	7.08	107	622370	46.82	ng	95
22) Acetophenone	7.07	105	845020	45.79	ng	94
24) Nitrobenzene	7.24	77	674436	41.56	ng	90
25) Isophorone	7.48	82	1280994	45.24	ng	98
26) 2-Nitrophenol	7.55	139	316094	46.03	ng	92
27) 2,4-Dimethylphenol	7.61	122	551217	48.53	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	801588	51.82	ng	99
29) 2,4-Dichlorophenol	7.80	162	499231	50.36	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	515509	46.25	ng	96
31) Naphthalene	7.95	128	1658566	43.27	ng	99
32) Benzoic acid	7.78	122	321840	37.56	ng	90
33) 4-Chloroaniline	8.02	127	153265	9.61	ng	97
34) Hexachlorobutadiene	8.08	225	297399	49.44	ng	97
35) Caprolactam	8.40	113	173994m	55.87	ng	
36) 4-Chloro-3-methylphenol	8.52	107	582029	48.50	ng	99
37) 2-Methylnaphthalene	8.65	142	1162509	47.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	509903	47.63	ng	99
40) Hexachlorocyclopentadiene	8.80	237	460803	108.32	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	331445	47.96	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	325004	44.79	nq	# 85
45) 1,1'-Biphenyl	9.12	154	1387294	45.25	nq	95
46) 2-Chloronaphthalene	9.14	162	1076730	46.26	nq	93
47) 2-Nitroaniline	9.24	65	396977	45.95	nq	93
48) Acenaphthylene	9.55	152	1616641	44.56	nq	99
49) Dimethylphthalate	9.42	163	1243602	45.17	nq	99
50) 2,6-Dinitrotoluene	9.48	165	252155	42.73	nq	91
51) Acenaphthene	9.71	154	959786	42.14	nq	100
52) 3-Nitroaniline	9.65	138	124110	17.74	nq	92
53) 2,4-Dinitrophenol	9.77	184	268431	83.24	nq	# 92
54) Dibenzofuran	9.89	168	1441413	47.02	nq	93
55) 4-Nitrophenol	9.84	139	318909	69.27	nq	95
56) 2,4-Dinitrotoluene	9.89	165	388686	51.77	nq	92
57) Fluorene	10.22	166	1060166	42.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	286261	50.36	nq	96
59) Diethylphthalate	10.12	149	1307500	46.32	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	533339	46.76	nq	# 89
61) 4-Nitroaniline	10.27	138	277955	39.27	nq	98
62) Azobenzene	10.38	77	1472533	44.31	nq	92
64) 4,6-Dinitro-2-methylphenol	10.30	198	195315	46.24	nq	94
65) n-Nitrosodiphenylamine	10.35	169	1031564	47.05	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	339354	47.30	nq	# 68
67) Hexachlorobenzene	10.77	284	342915	43.34	nq	# 90
68) Atrazine	10.89	200	345883	54.69	nq	98
69) Pentachlorophenol	10.98	266	358924	102.41	nq	99
70) Phenanthrene	11.18	178	1546528	42.18	nq	99
71) Anthracene	11.24	178	1779094	45.64	nq	100
72) Carbazole	11.40	167	1559193	44.38	nq	97
73) Di-n-butylphthalate	11.73	149	1859106	42.08	nq	98
74) Fluoranthene	12.36	202	1523187	40.05	nq	99
76) Benzidine	12.50	184	607981	46.12	nq	97
77) Pyrene	12.59	202	1526758	39.51	nq	100
79) Butylbenzylphthalate	13.22	149	780150	42.21	nq	97
80) Benzo(a)anthracene	13.78	228	1442984	43.08	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	203162	17.26	nq	# 97
82) Chrysene	13.81	228	1216581	36.83	nq	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1010880	40.41	nq	# 98
84) Di-n-octyl phthalate	14.40	149	1892701	46.02	nq	97
85) Indeno(1,2,3-cd)pyrene	16.44	276	1114065	40.65	nq	97
87) Benzo(b)fluoranthene	14.79	252	1313119m	48.14	nq	
88) Benzo(k)fluoranthene	14.81	252	1065709m	44.54	nq	
89) Benzo(a)pyrene	15.11	252	1110800	46.78	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	936434	45.62	nq	99
91) Benzo(g,h,i)perylene	16.82	276	856315	46.13	nq	# 93

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

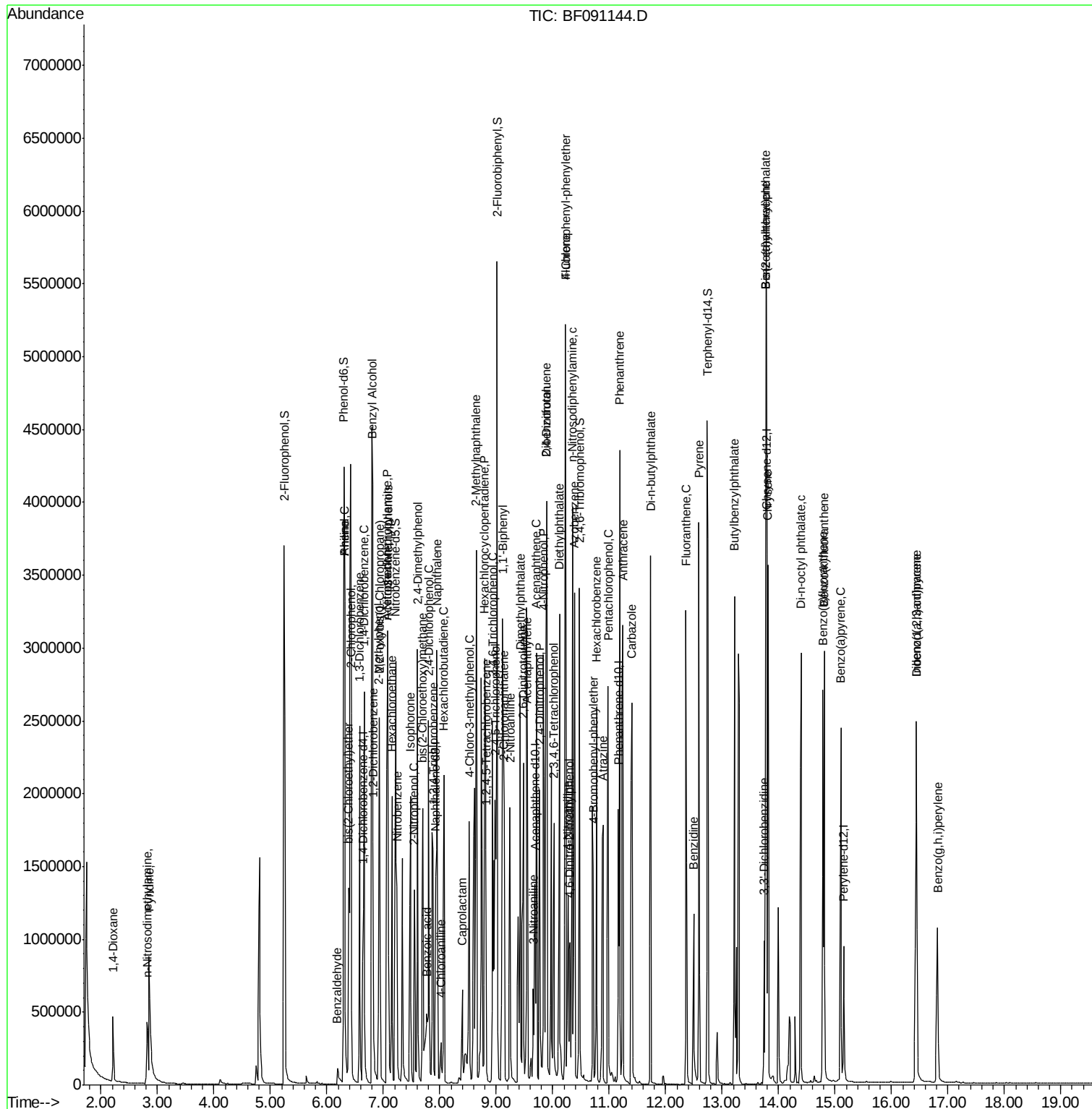
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\  
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Operator  : UM/SJ  
Sample    : PB94676BS  
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ALS Vial  : 8 Sample Multiplier: 1
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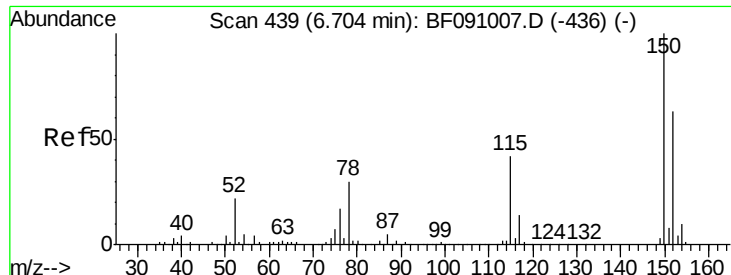
Instrument :
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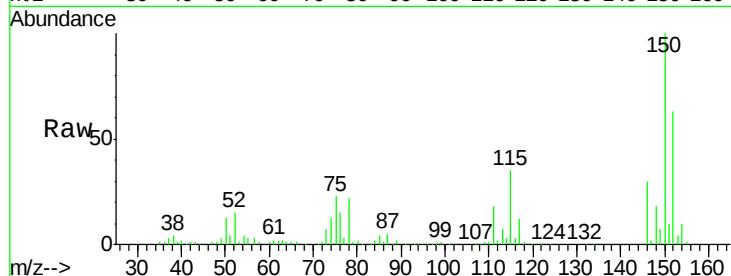
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.65 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

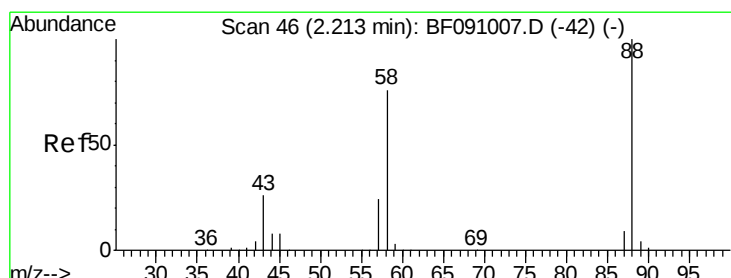
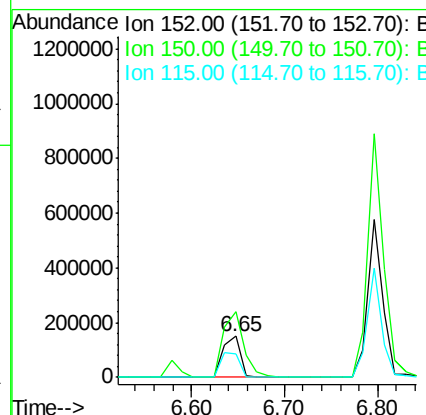
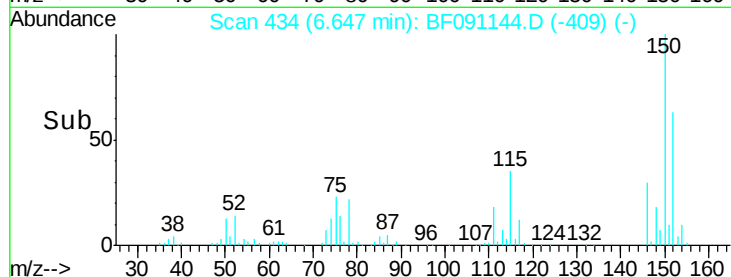
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.8	190.2
115	56.1	53.3	79.9

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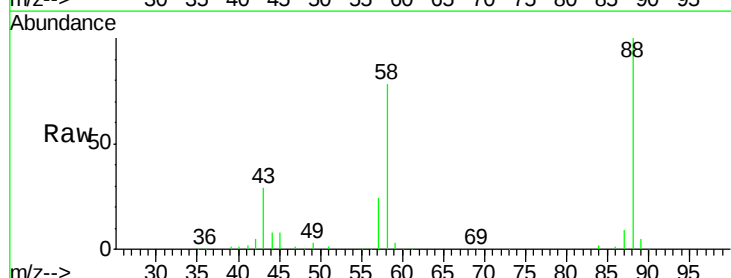


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

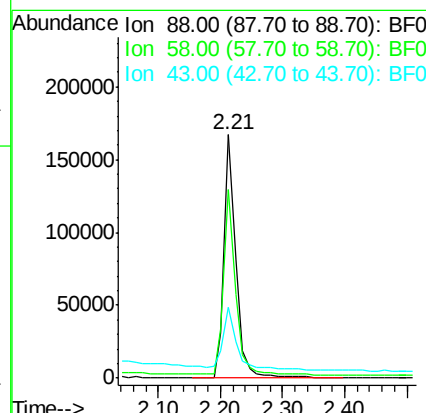
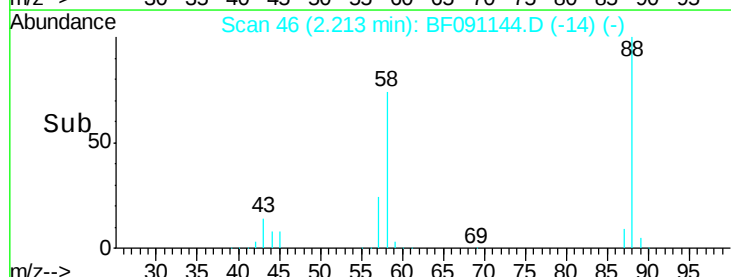


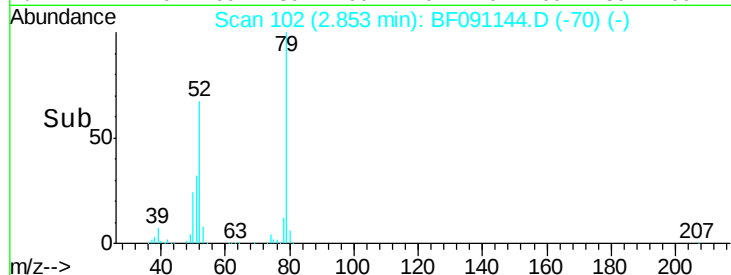
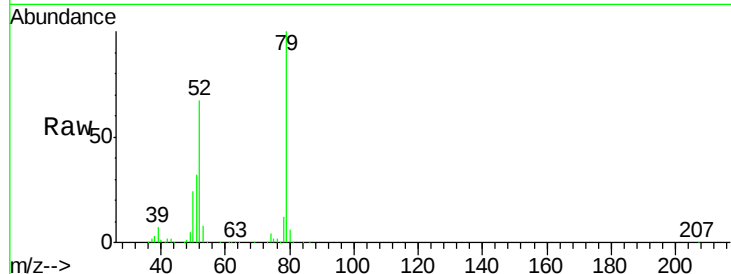
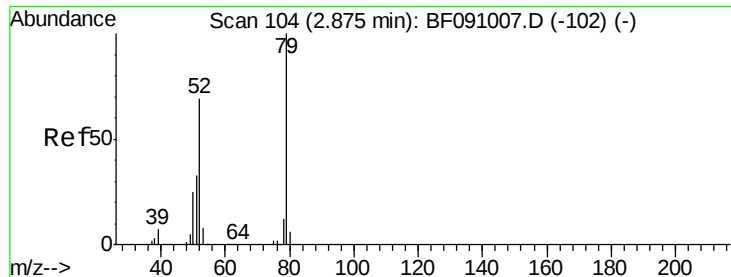
#2
 1,4-Dioxane
 Concen: 32.21 ng
 RT: 2.21 min Scan# 46
 Delta R.T. 0.07 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	63.8	95.6
43	32.1	22.6	33.8



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





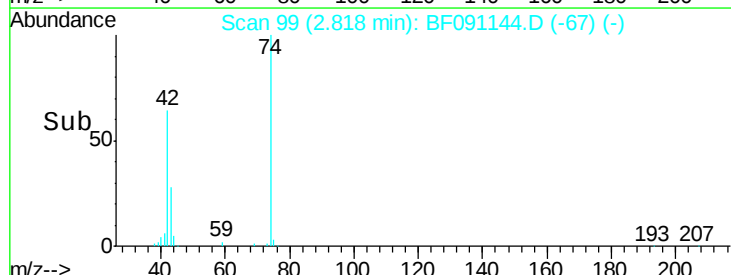
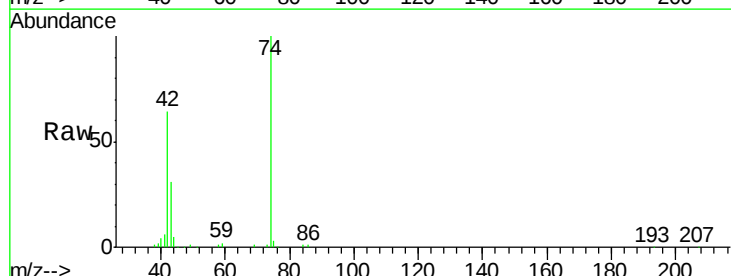
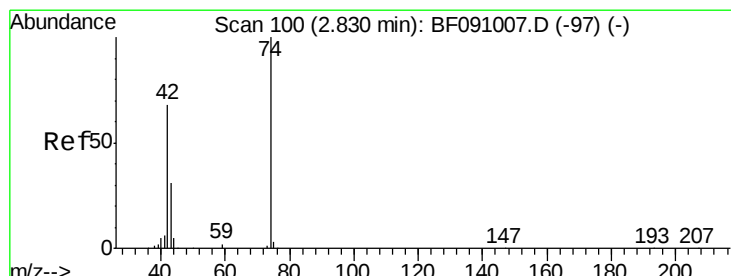
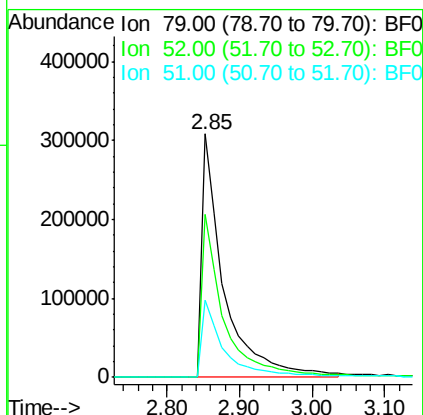
#3
 Pvridine
 Concen: 41.55 ng
 RT: 2.85 min Scan# 102
 Delta R.T. 0.07 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.9	55.4	83.0
51	32.0	27.4	41.0

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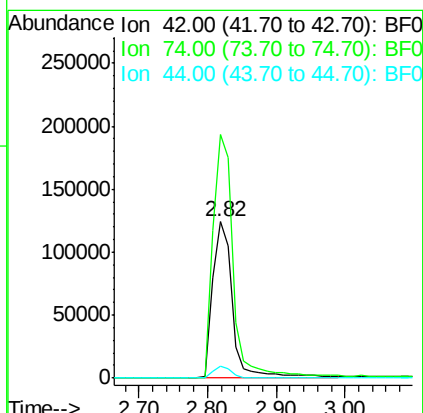
Manual Integrations
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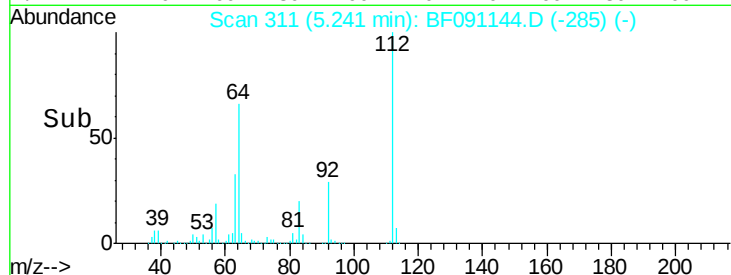
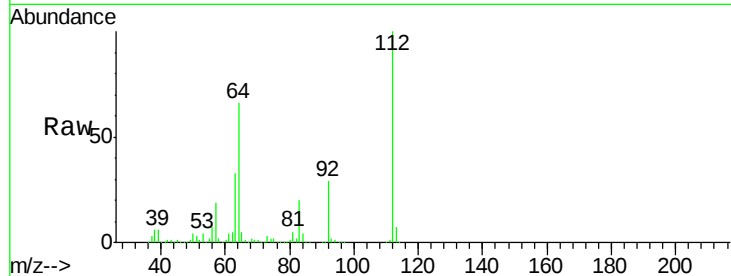
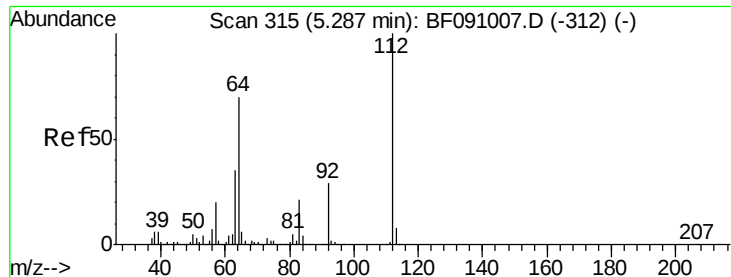
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#4
 n-Nitrosodimethylamine
 Concen: 41.74 ng
 RT: 2.82 min Scan# 99
 Delta R.T. 0.07 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.9	117.3	175.9
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 128.70 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampled :

PB94676BS

Tot Ion:112 Resp: 1508994

Ion Ratio Lower Upper

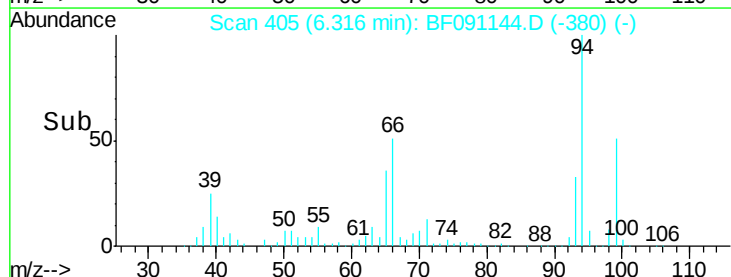
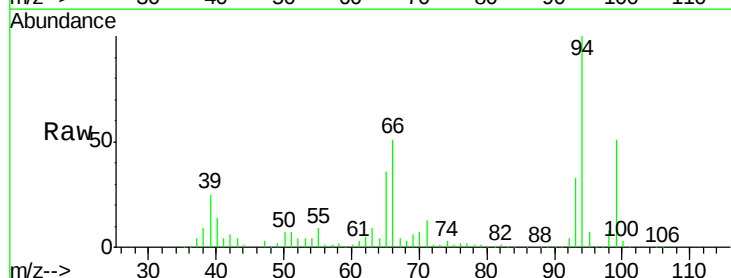
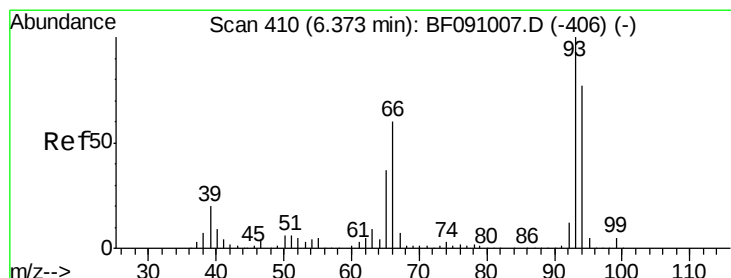
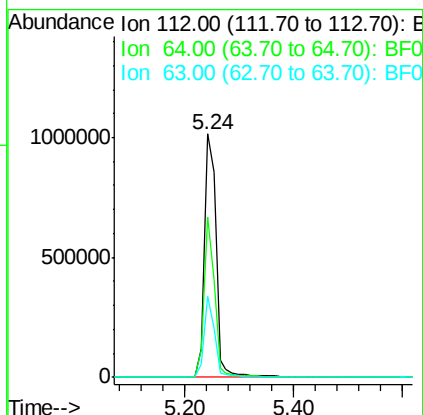
112 100

64 65.7 55.8 83.6

63 33.2 28.0 42.0

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#6

Aniline

Concen: 20.71 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

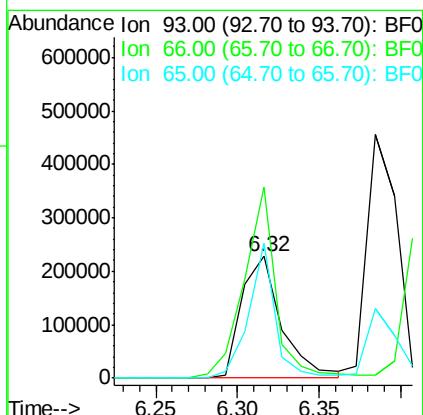
Tgt Ion: 93 Resp: 388826

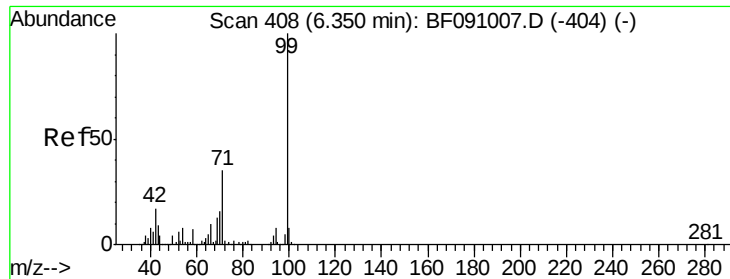
Ion Ratio Lower Upper

93 100

66 156.6 48.2 72.2#

65 110.6 29.4 44.0#





#7

Phenol-d6

Concen: 112.09 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB94676BS

Tot Ion: 99 Resp: 1783853

Ion Ratio Lower Upper

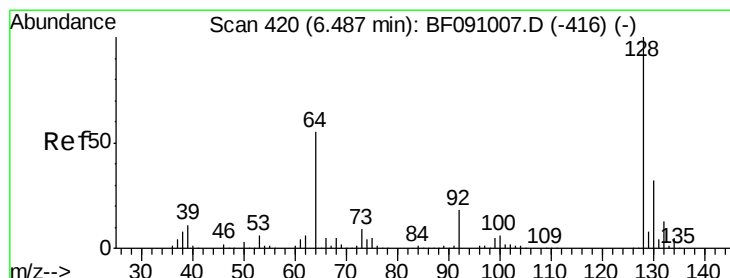
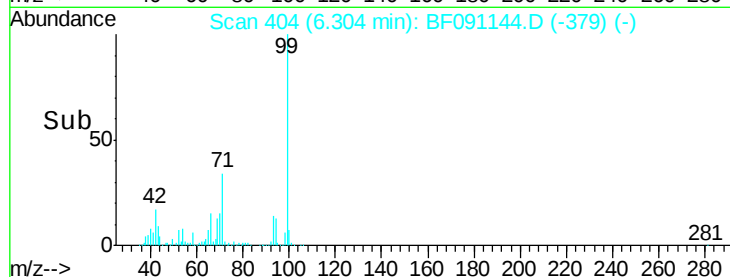
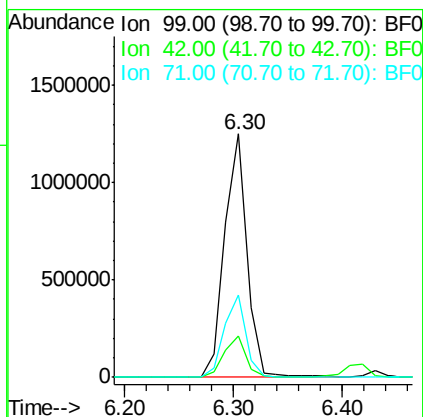
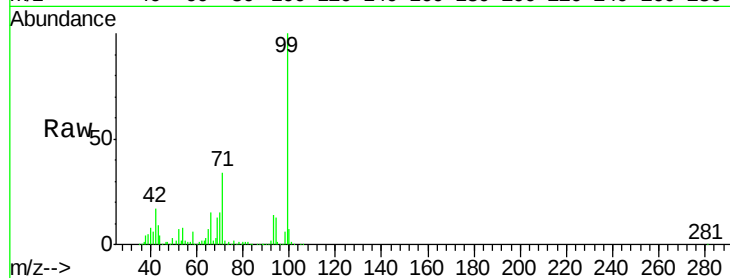
99 100

42 16.9 13.9 20.9

71 33.7 27.8 41.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.78 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

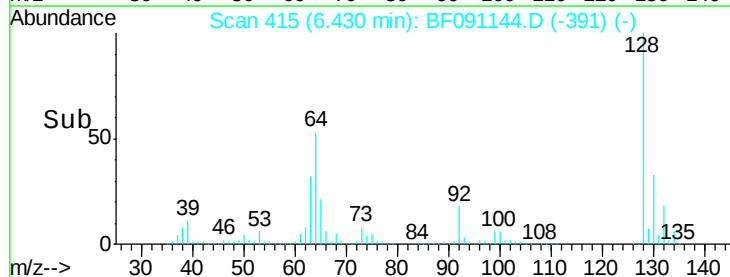
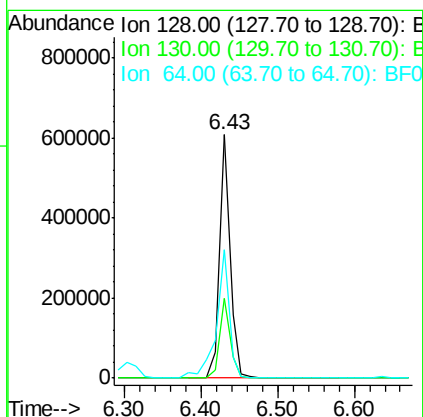
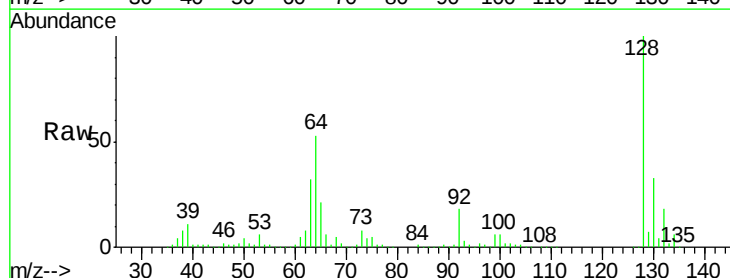
Tgt Ion: 128 Resp: 584256

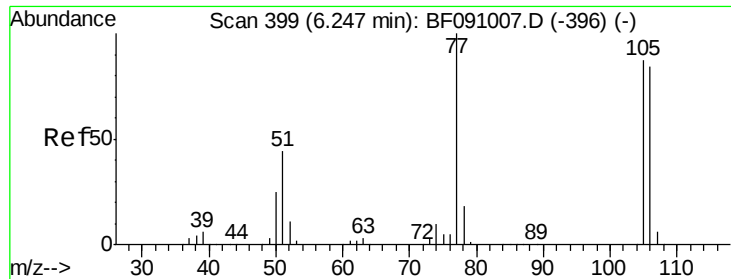
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 52.9 37.2 77.2





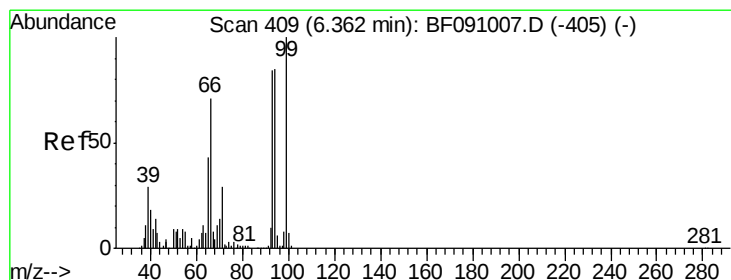
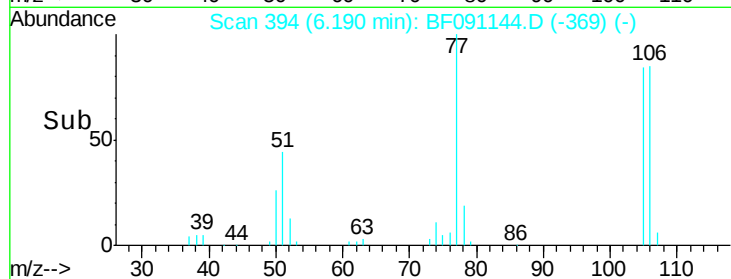
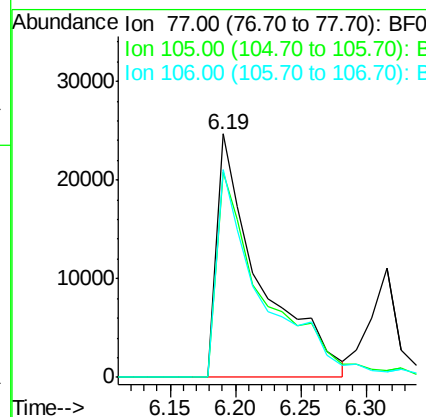
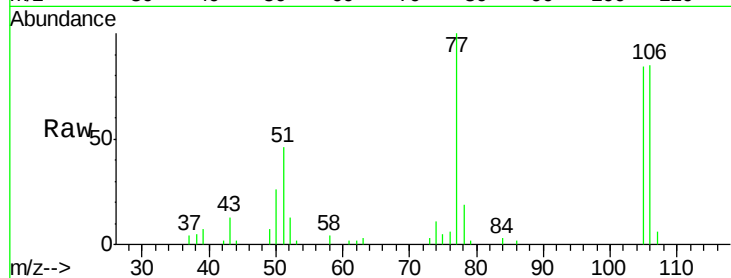
#9
Benzaldehyde
Concen: 6.50 ng
RT: 6.19 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
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ClientSampleId :
PB94676BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.4	66.8	106.8
106	85.4	64.0	104.0

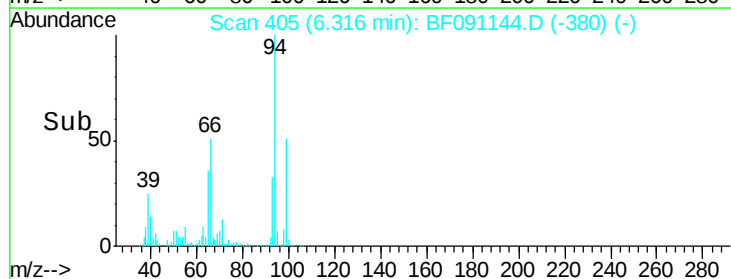
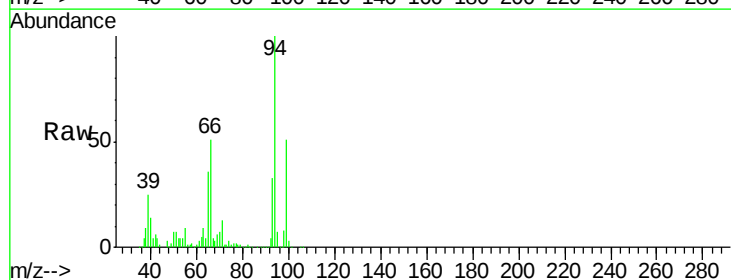
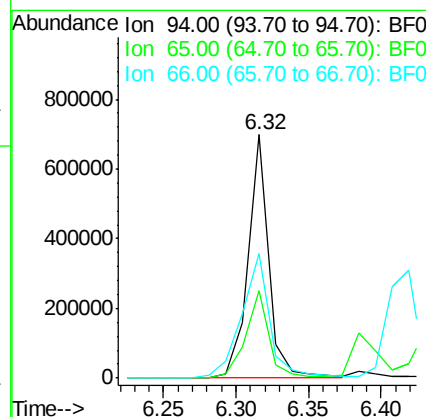
Manual Integrations
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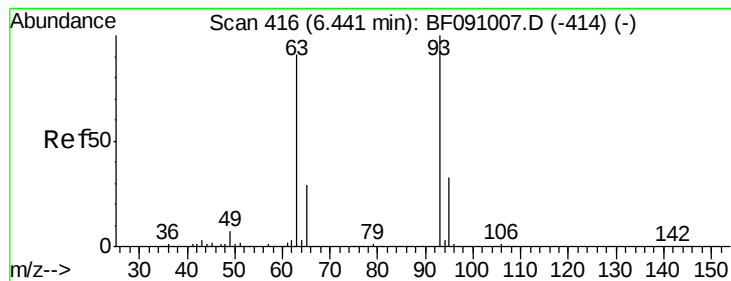
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#10
Phenol
Concen: 39.52 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	30.4	70.4
66	51.1	62.9	102.9





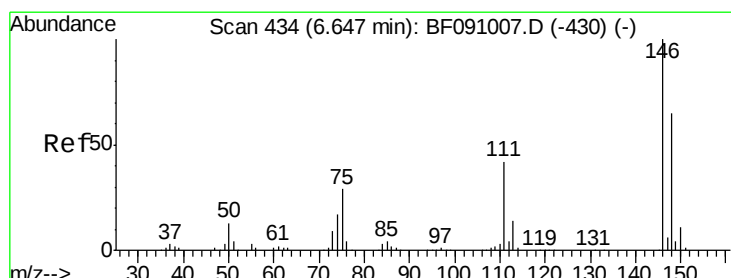
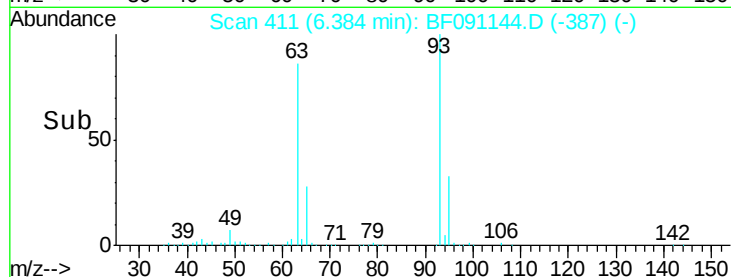
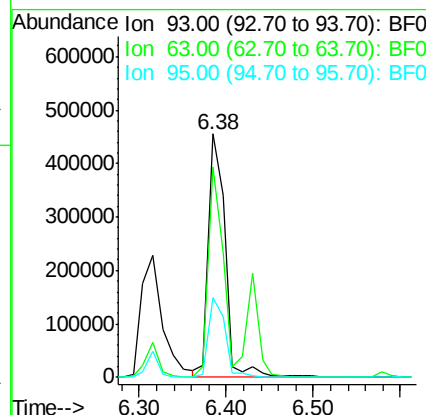
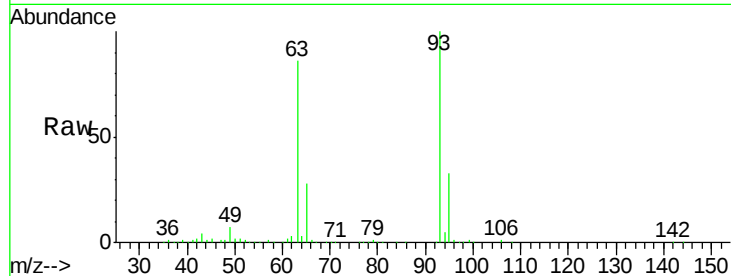
#11
bis(2-Chloroethyl)ether
Concen: 40.64 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		603070		
63	86.4	68.9	108.9		
95	32.9	12.3	52.3		

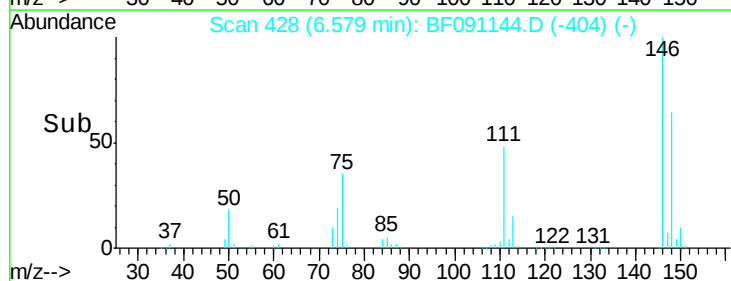
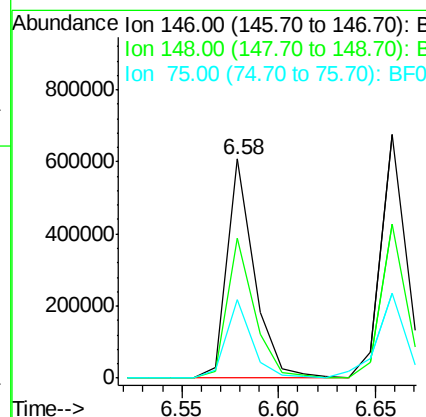
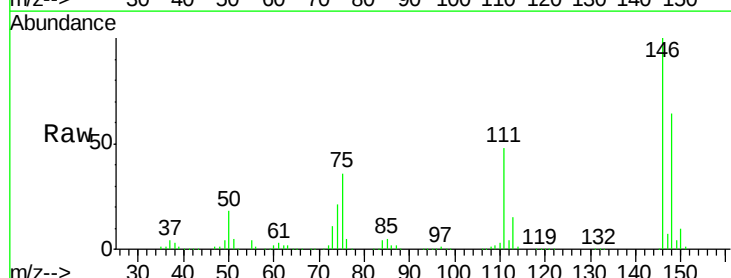
Manual Integrations
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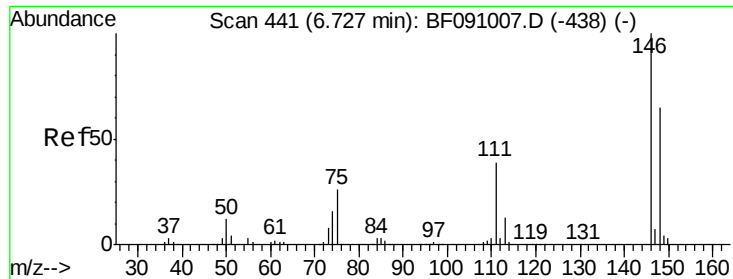
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#12
1,3-Dichlorobenzene
Concen: 41.89 ng m
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		592553		
148	63.7	52.0	78.0		
75	35.6	23.0	34.6#		





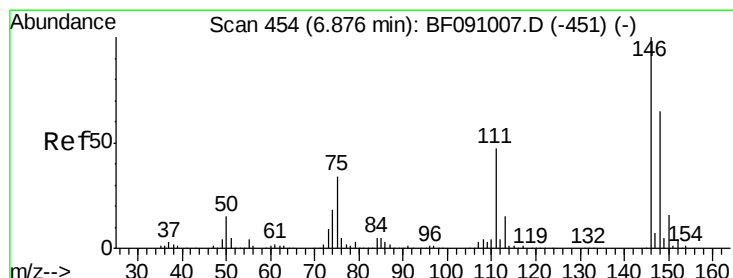
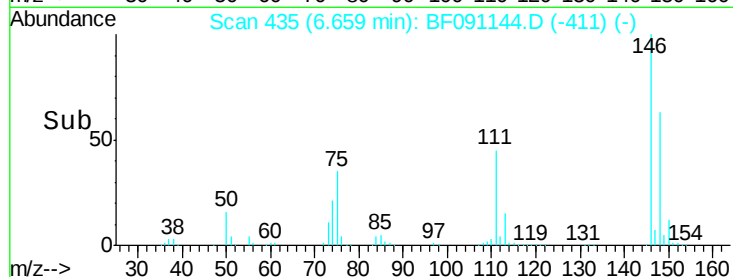
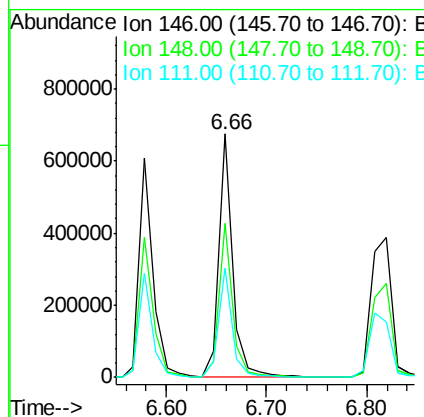
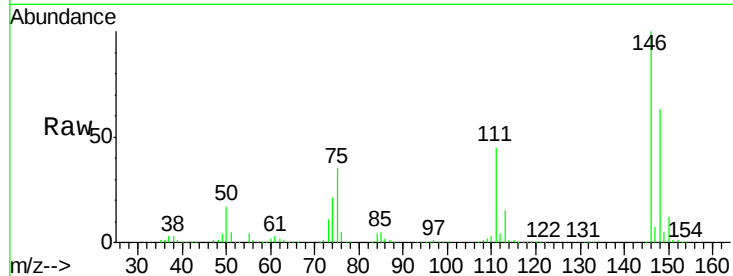
#13
1,4-Dichlorobenzene
Concen: 42.52 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
111	44.8	31.6	47.4

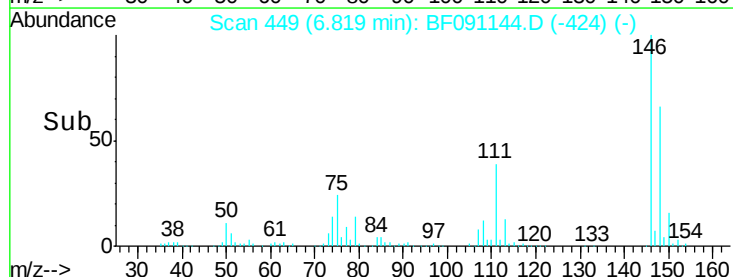
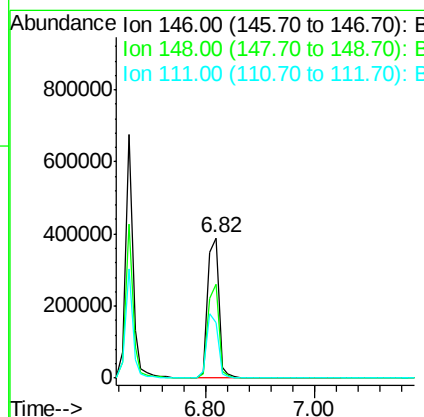
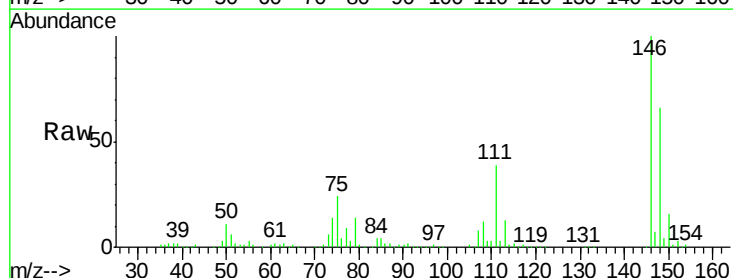
Manual Integrations
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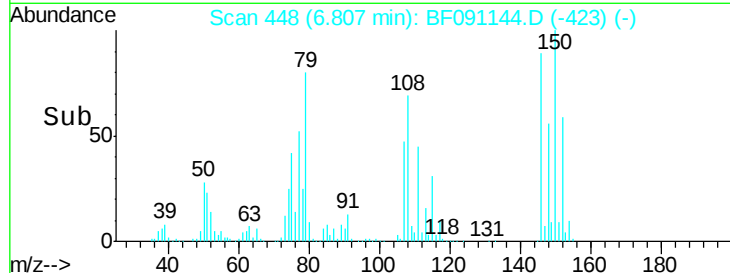
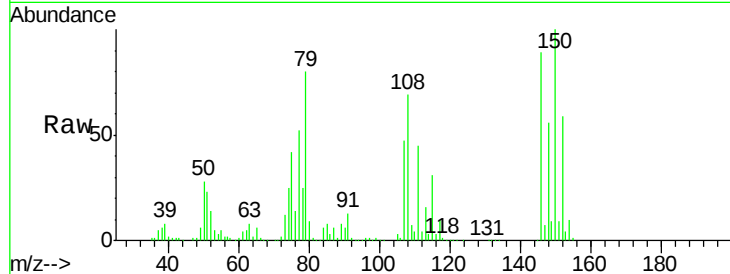
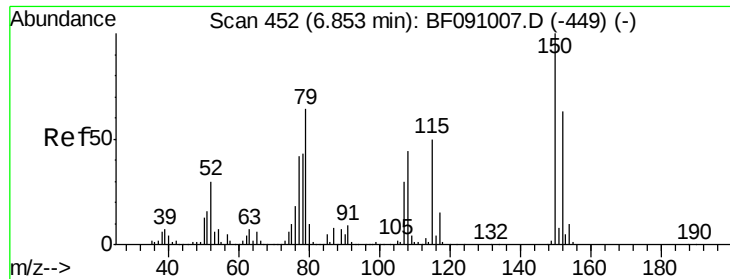
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#14
1,2-Dichlorobenzene
Concen: 40.09 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.6	77.4
111	39.2	37.3	55.9





#15

Benzyl Alcohol

Concen: 42.97 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.8	55.7	83.5#
77	65.2	52.6	79.0

Instrument :

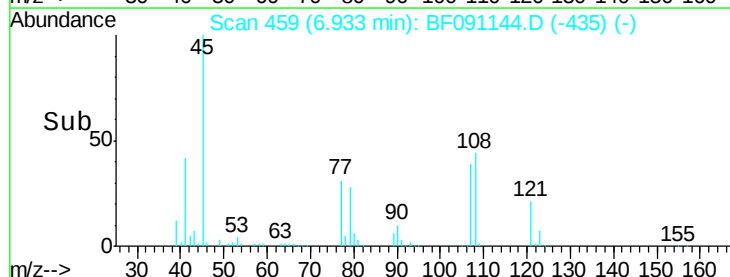
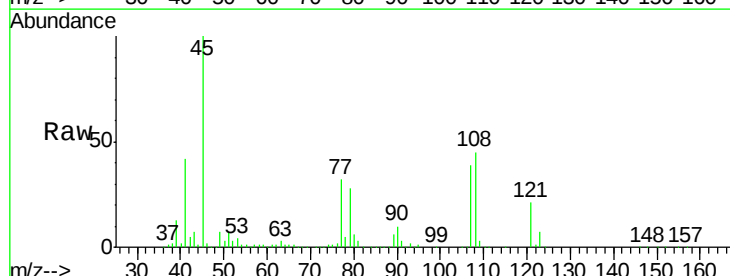
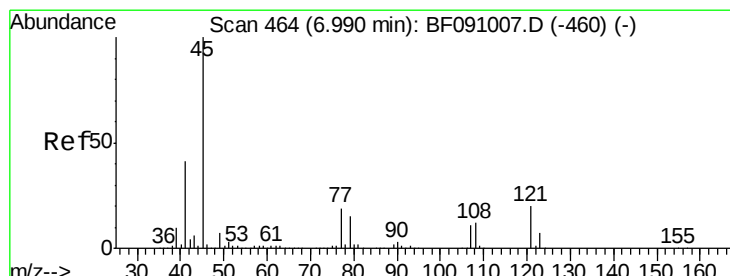
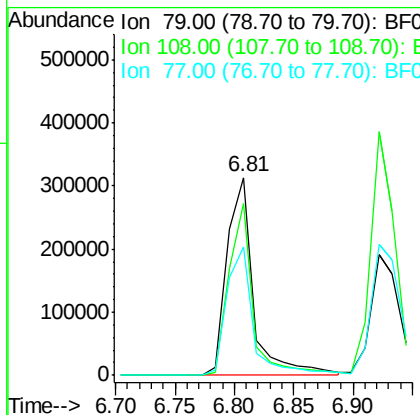
BNA_F

ClientSampled :

PB94676BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.04 ng

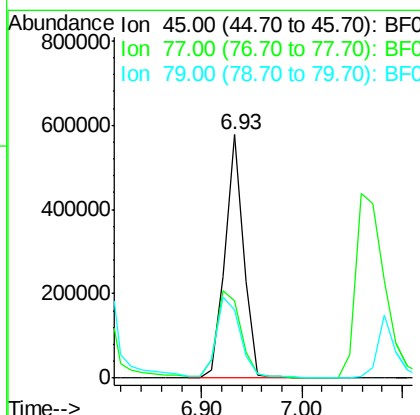
RT: 6.93 min Scan# 459

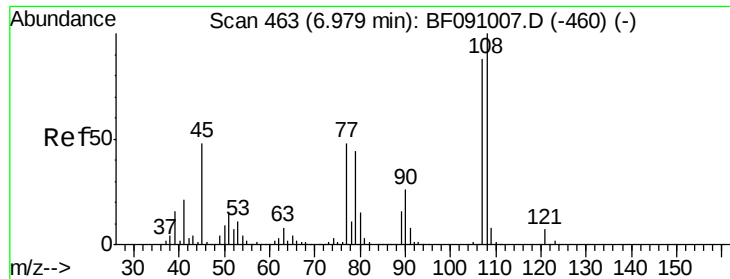
Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	31.9	0.0	39.6
79	27.9	0.0	35.9





#17

2-Methylphenol

Concen: 43.75 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

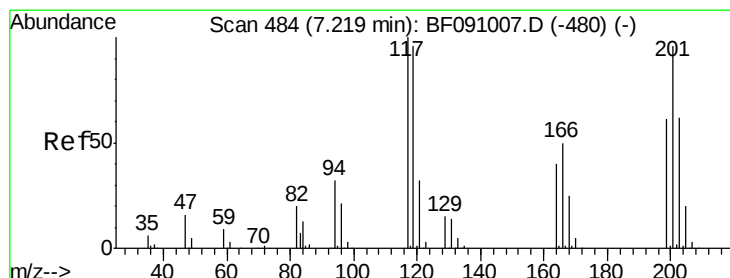
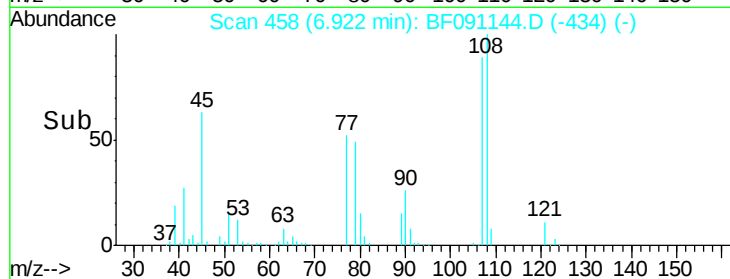
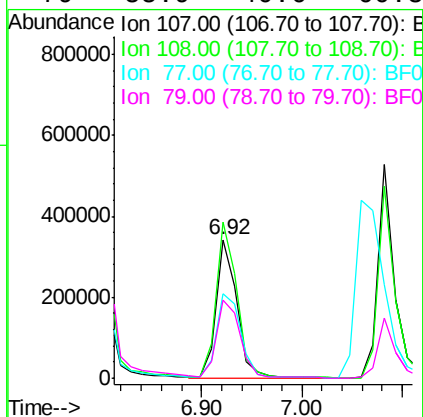
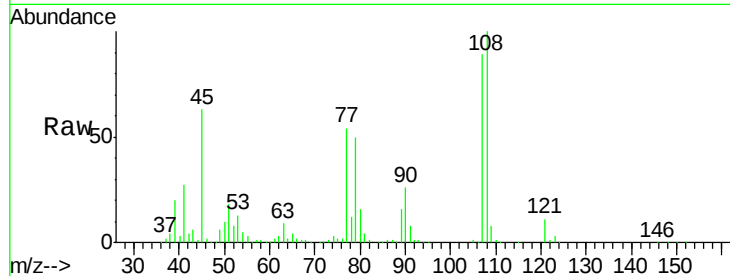
ClientSampleId :

PB94676BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.0	136.6	
77	60.5	43.8	65.8	
79	55.9	40.6	60.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 41.13 ng

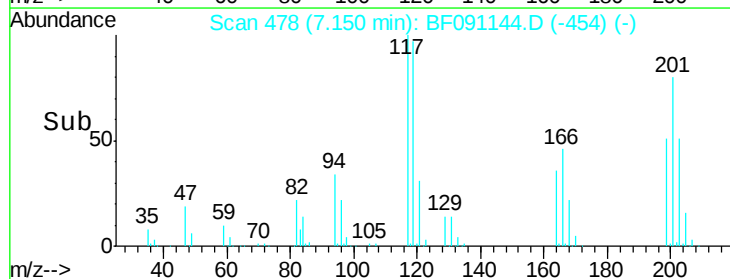
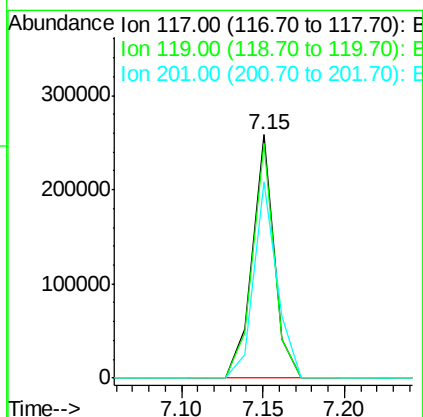
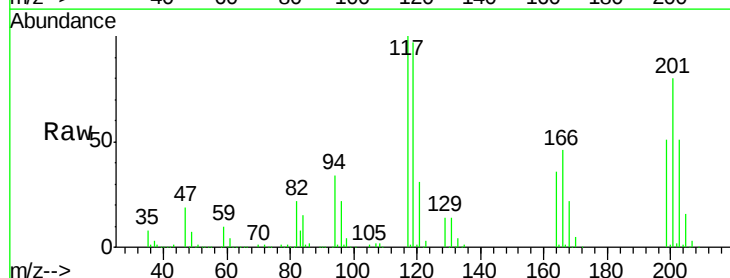
RT: 7.15 min Scan# 478

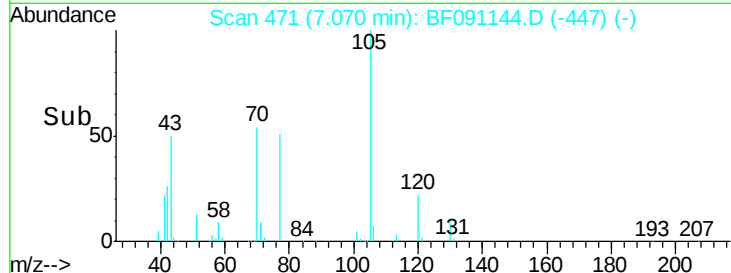
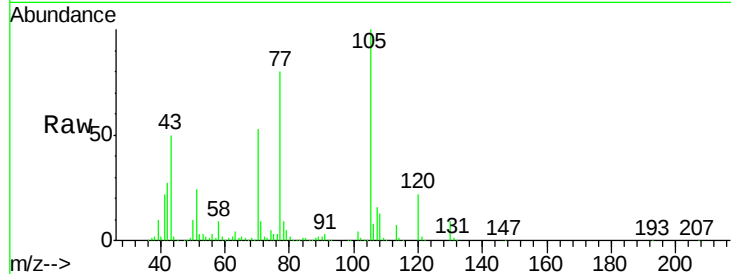
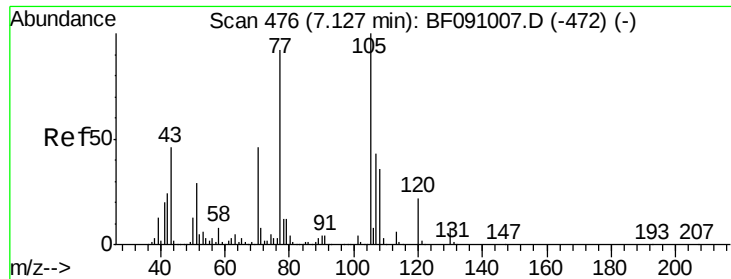
Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.6	115.0	
201	80.5	77.1	115.7	





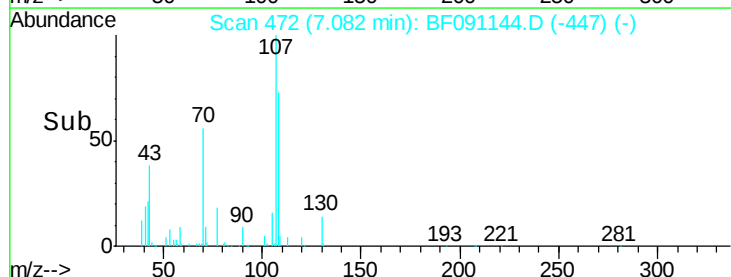
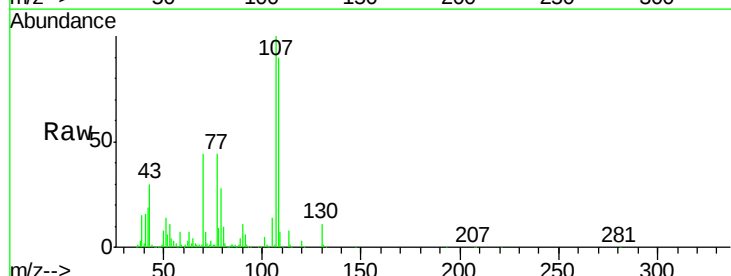
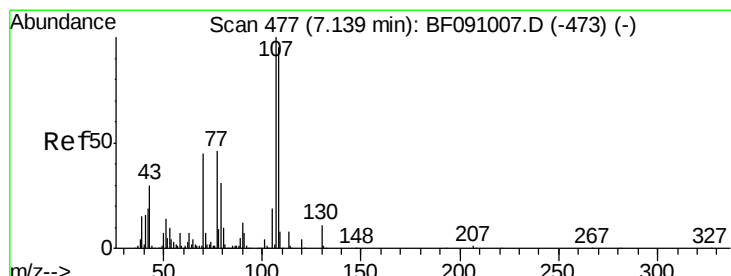
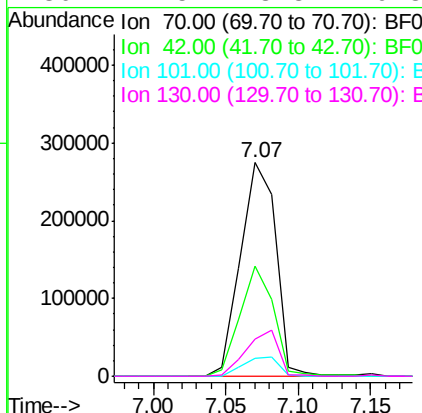
#19
n-Nitroso-di-n-propylamine
Concen: 42.10 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.6	41.7	62.5	
101	8.3	6.7	10.1	
130	17.5	13.8	20.8	

Instrument :
BNA_F
ClientSampleId :
PB94676BS

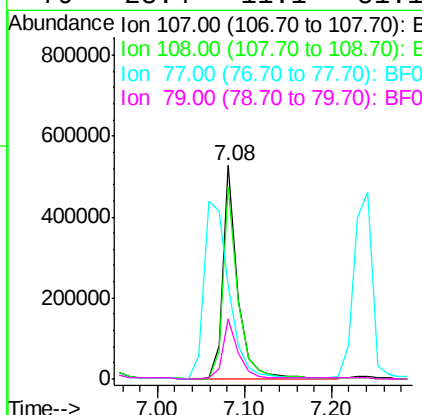
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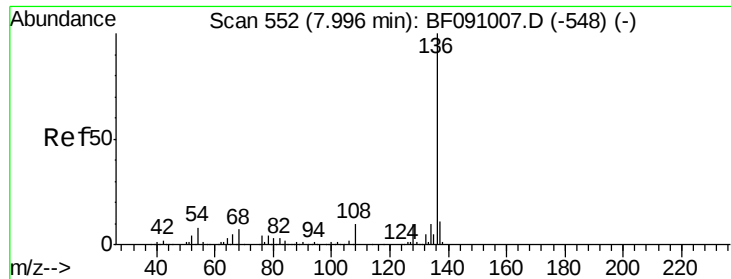
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#20
3+4-Methylphenols
Concen: 46.82 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	75.5	115.5	
77	43.7	26.4	66.4	
79	28.4	11.1	51.1	





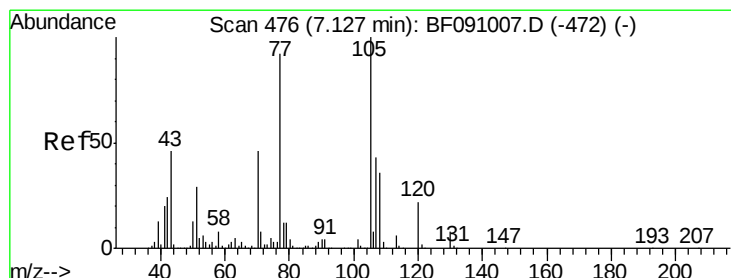
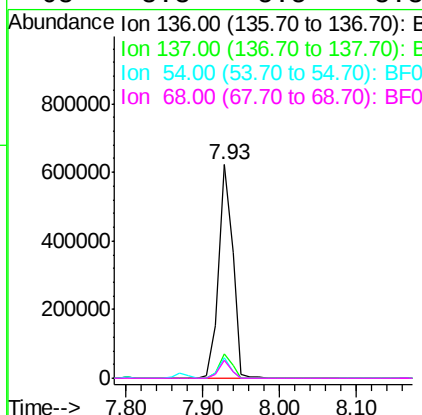
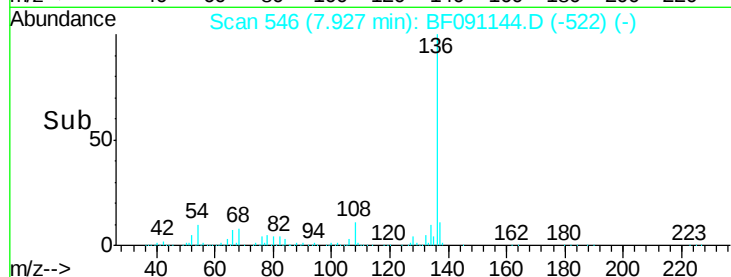
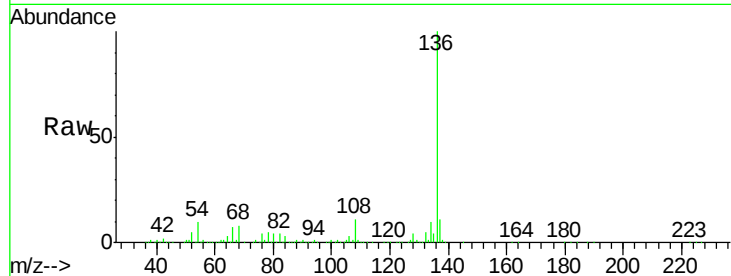
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	801572		
137	11.4	8.9	13.3	
54	9.6	6.2	9.2	
68	8.3	5.5	8.3	

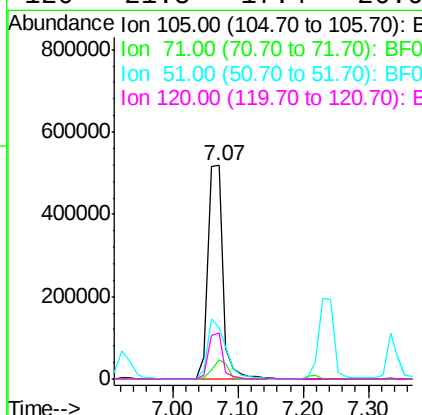
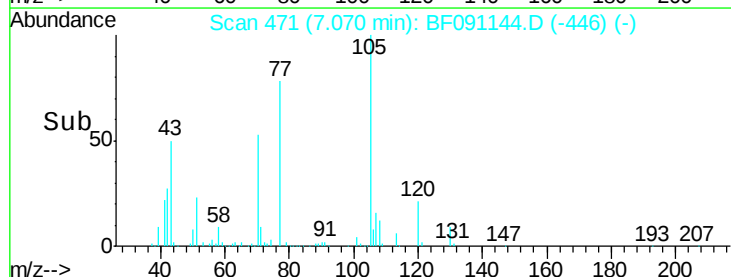
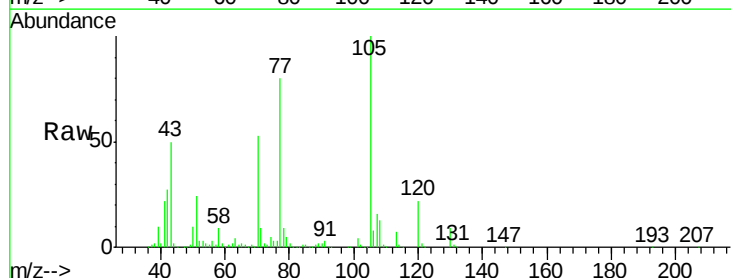
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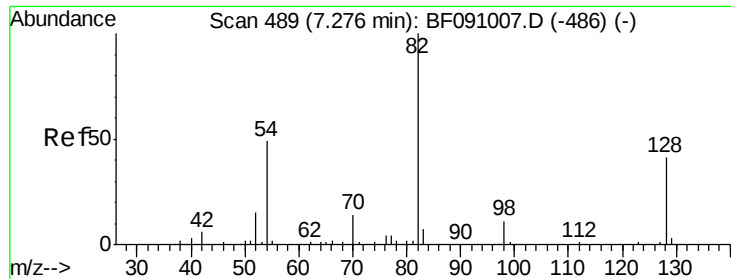
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#22
Acetophenone
Concen: 45.79 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	845020		
71	8.9	6.2	9.2	
51	23.7	23.3	34.9	
120	21.5	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 84.98 ng

RT: 7.22 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB94676BS

Tot Ion: 82 Resp: 1248640

Ion Ratio Lower Upper

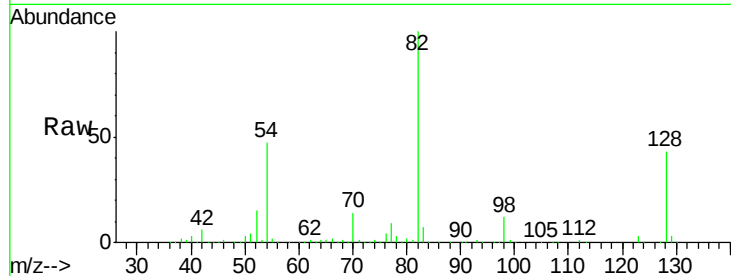
82 100

128 43.0 32.4 48.6

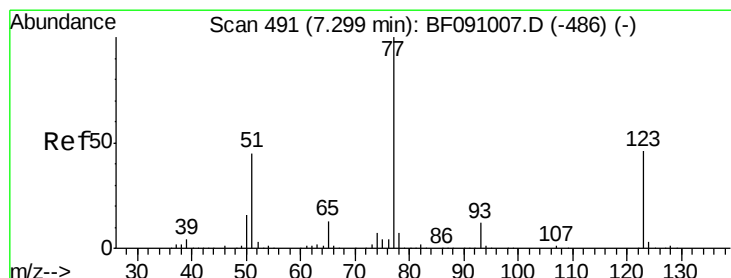
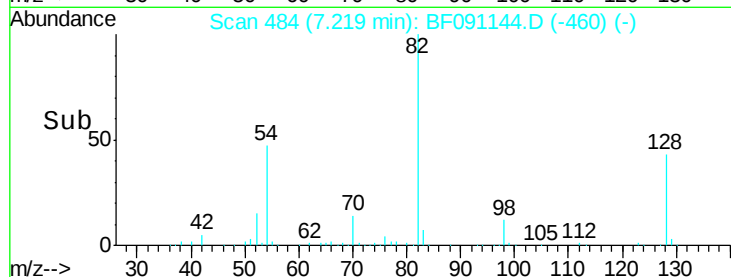
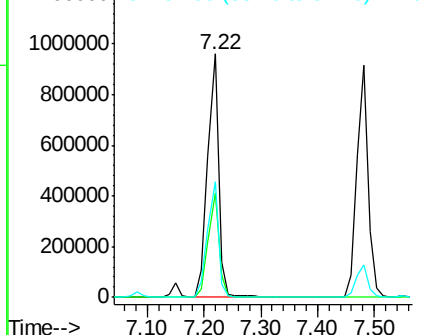
54 47.2 39.2 58.8

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



#24

Nitrobenzene

Concen: 41.56 ng

RT: 7.24 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

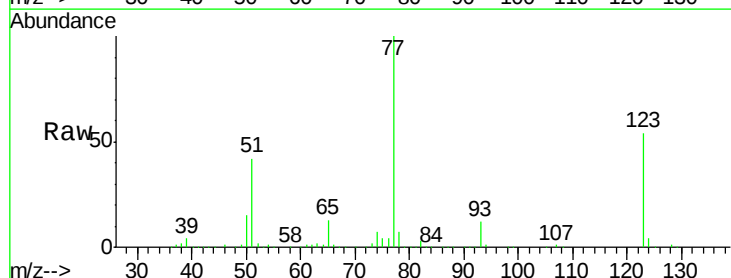
Tgt Ion: 77 Resp: 674436

Ion Ratio Lower Upper

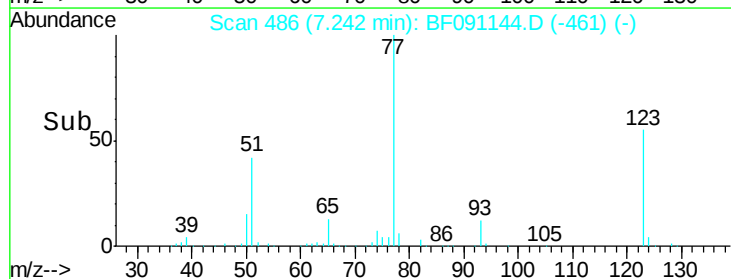
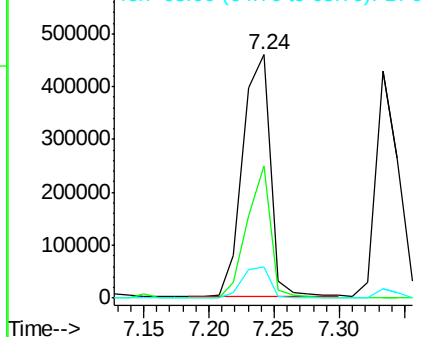
77 100

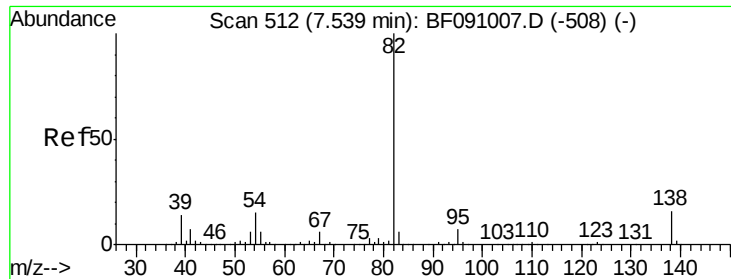
123 54.3 36.5 54.7

65 12.9 10.7 16.1



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





#25

Isophorone

Concen: 45.24 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB94676BS

Tot Ion: 82 Resp: 1280994

Ion Ratio Lower Upper

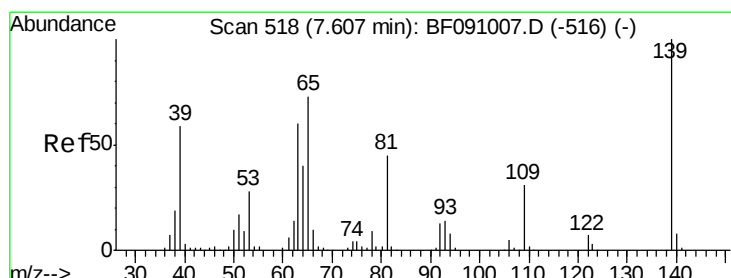
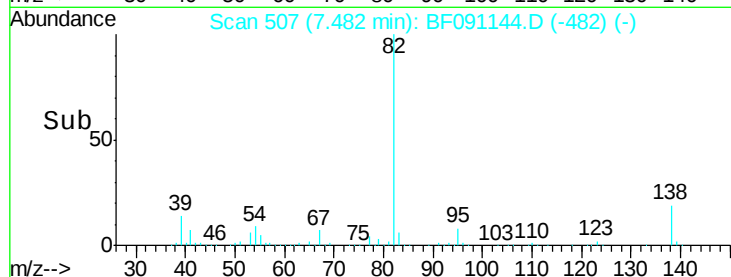
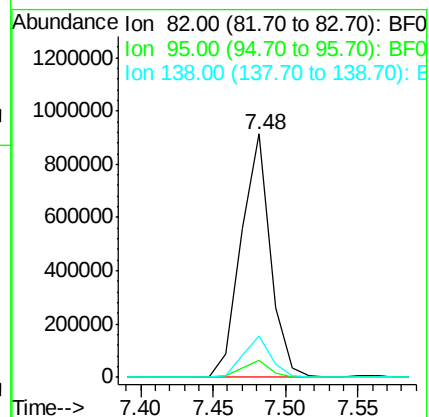
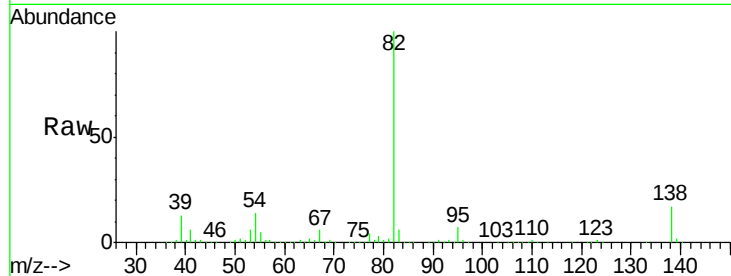
82 100

95 6.8 5.4 8.0

138 17.1 13.0 19.4

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#26

2-Nitrophenol

Concen: 46.03 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

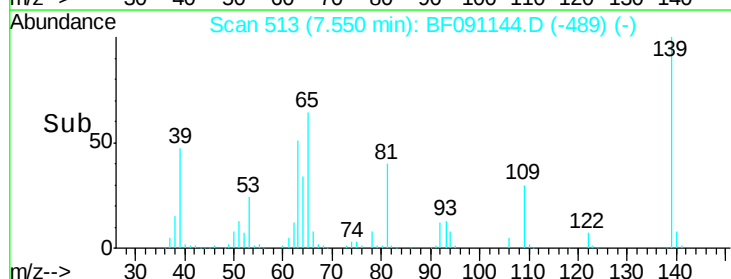
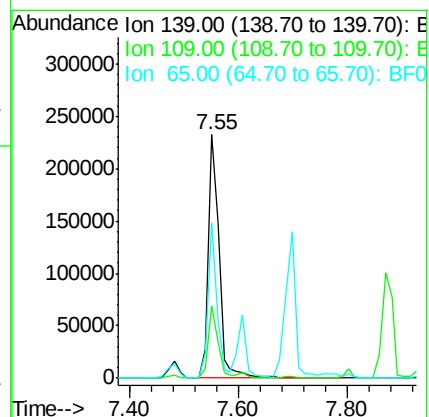
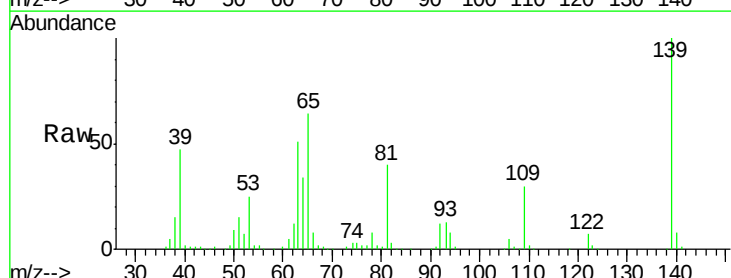
Tgt Ion: 139 Resp: 316094

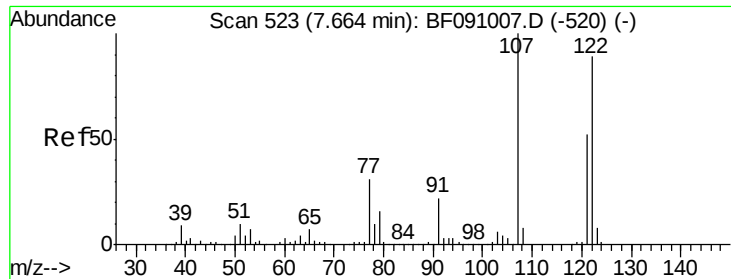
Ion Ratio Lower Upper

139 100

109 29.8 24.7 37.1

65 64.0 58.3 87.5





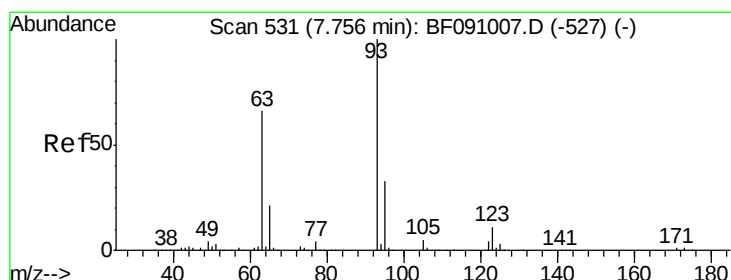
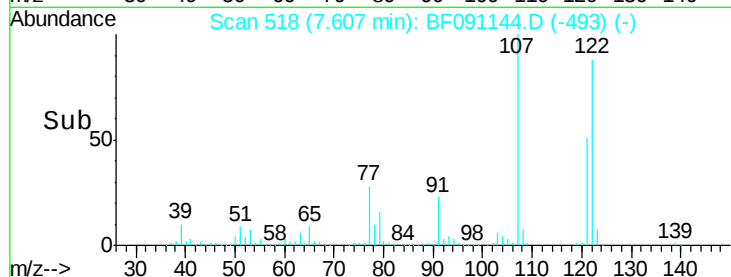
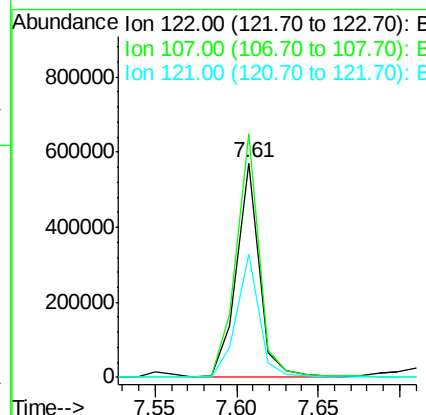
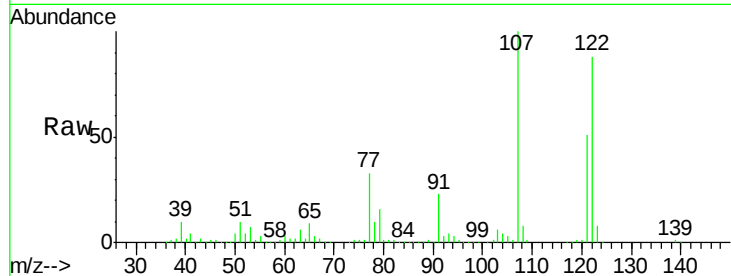
#27
2,4-Dimethylphenol
Concen: 48.53 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	551217		
107	113.4	89.6	134.4	
121	57.4	46.3	69.5	

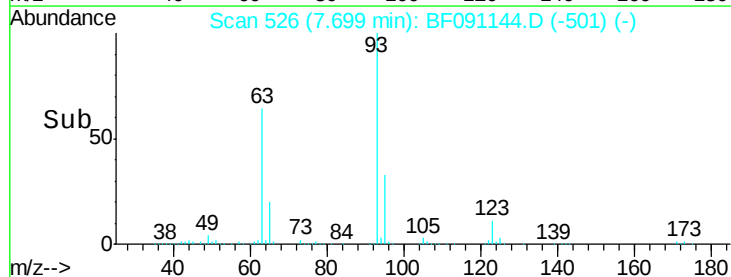
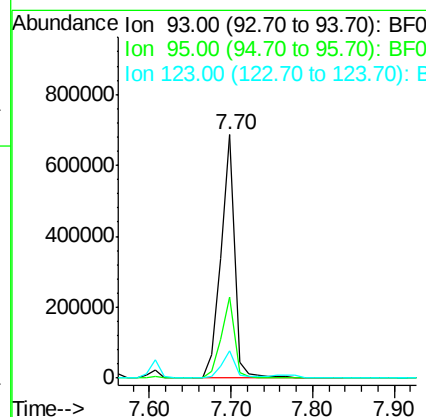
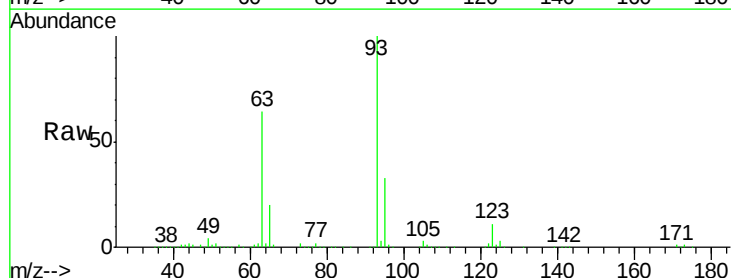
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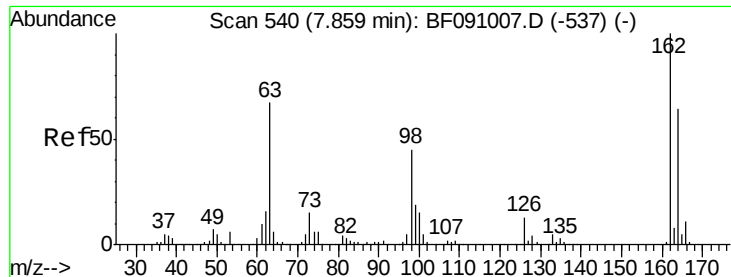
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#28
bis(2-Chloroethoxy)methane
Concen: 51.82 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	801588		
95	33.4	26.3	39.5	
123	11.4	8.7	13.1	





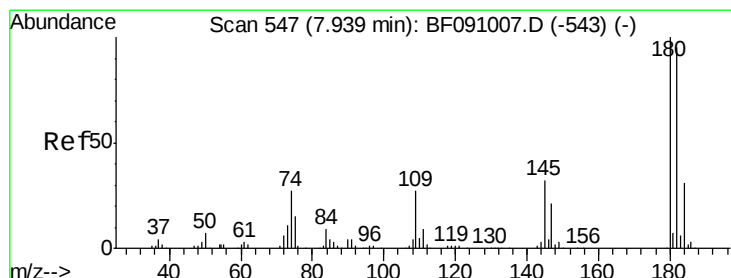
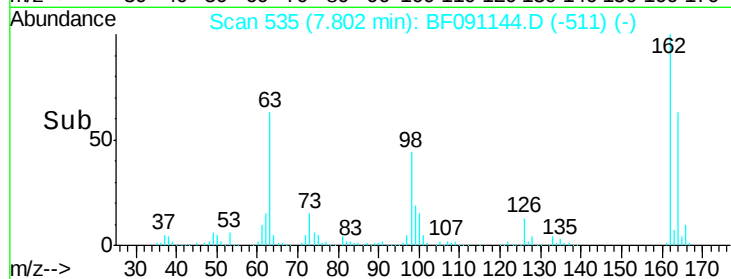
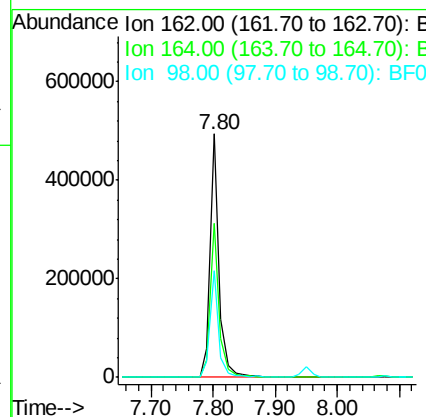
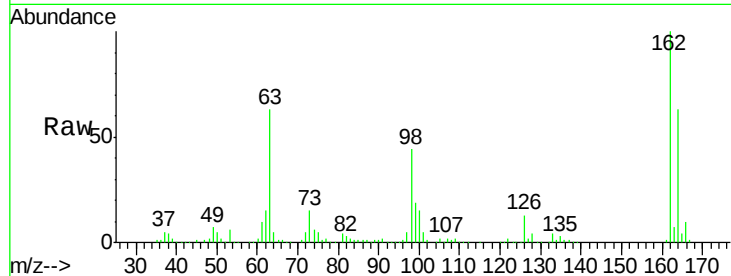
#29
 2,4-Dichlorophenol
 Concen: 50.36 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Tot Ion:	162	Resp:	499231
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.4	84.4
98	44.0	25.2	65.2

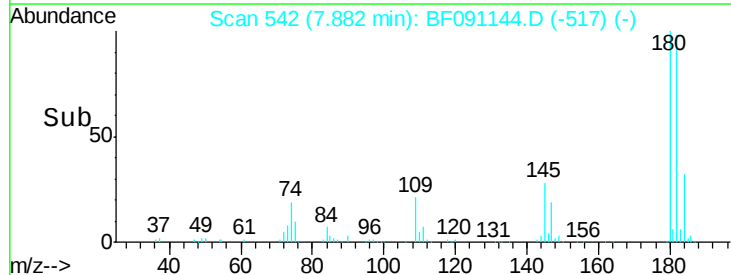
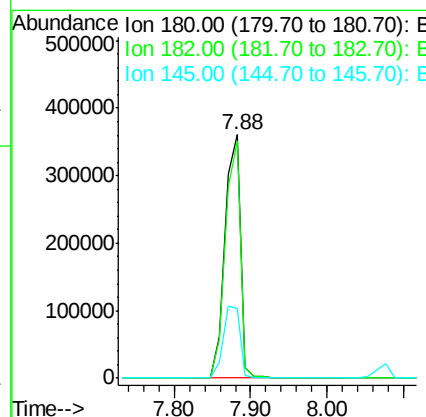
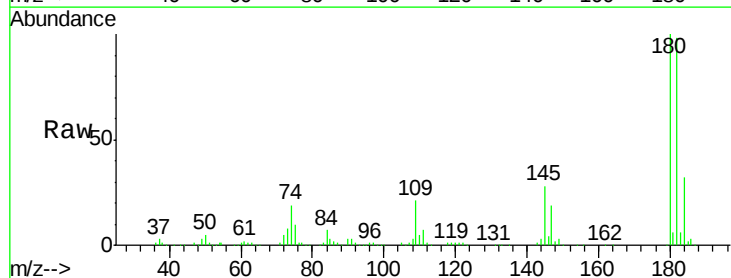
Manual Integrations
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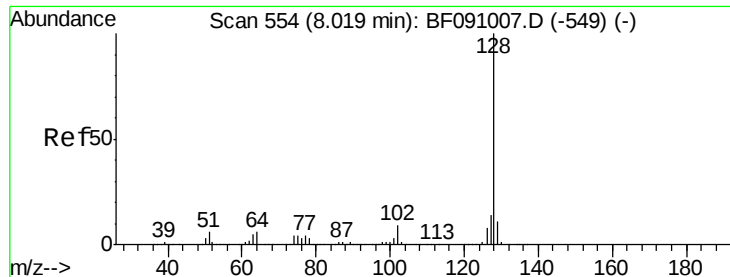
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.25 ng
 RT: 7.88 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:	180	Resp:	515509
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.0	114.0
145	28.3	25.8	38.8





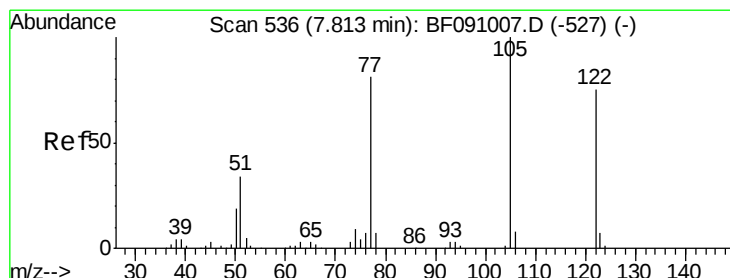
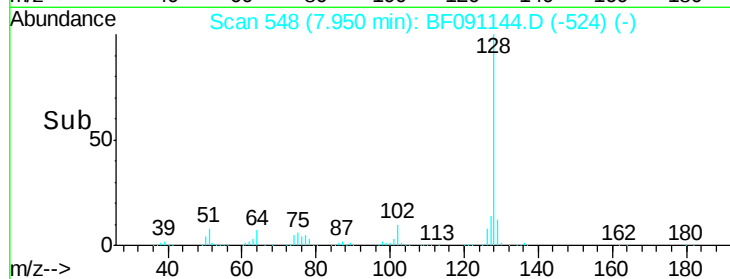
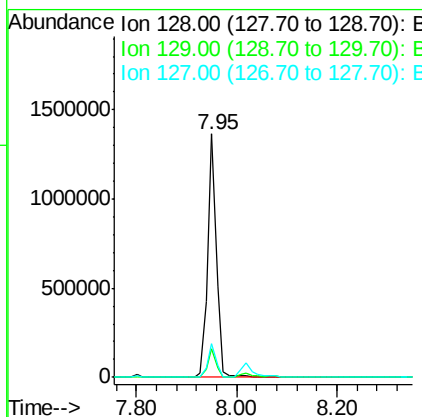
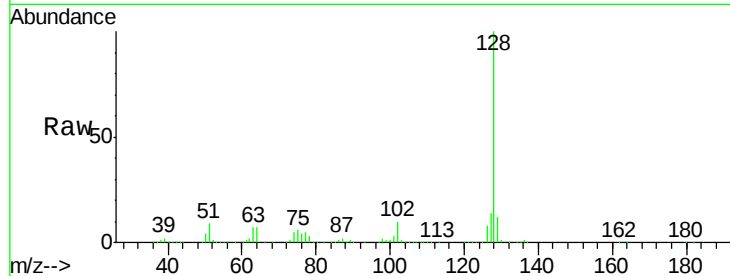
#31
Naphthalene
Concen: 43.27 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion:128 Resp: 1658566
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 13.8 10.9 16.3

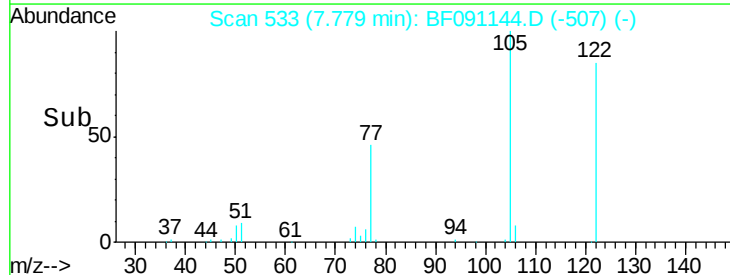
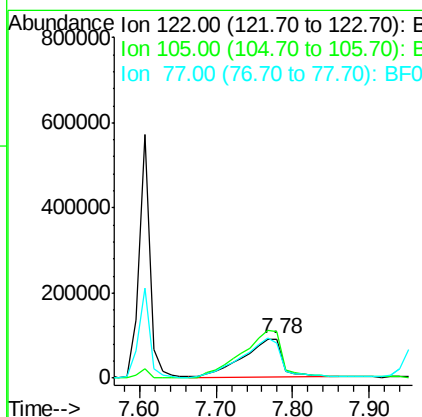
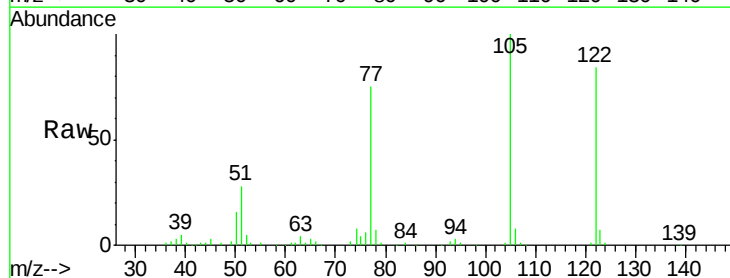
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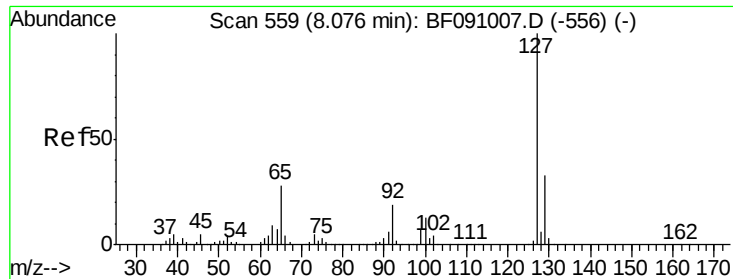
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#32
Benzoic acid
Concen: 37.56 ng
RT: 7.78 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:122 Resp: 321840
Ion Ratio Lower Upper
122 100
105 118.5 105.9 145.9
77 89.0 84.0 124.0





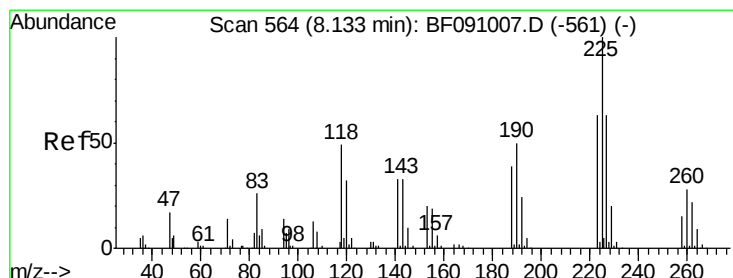
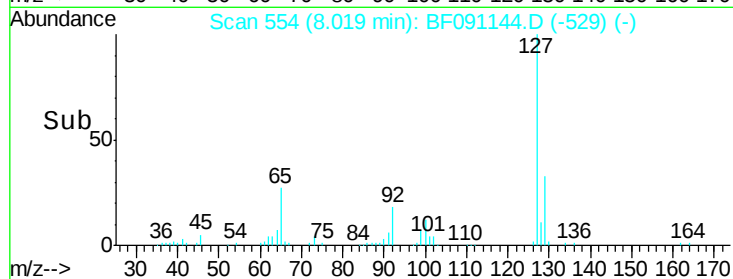
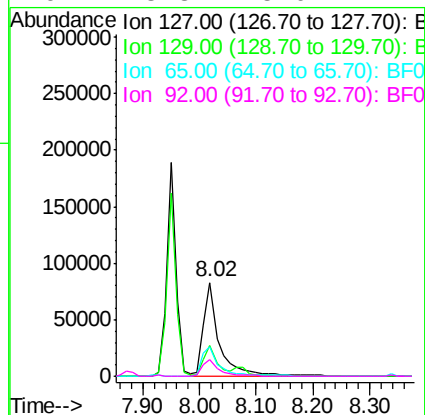
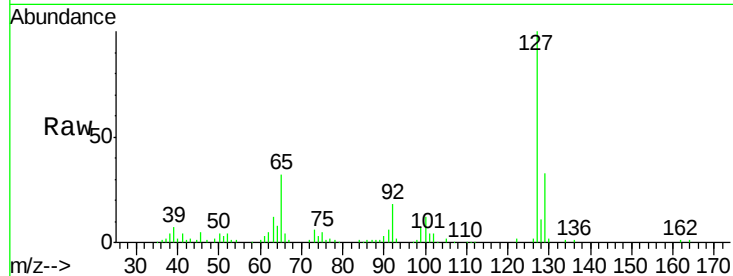
#33
4-Chloroaniline
Concen: 9.61 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.6	39.8		
65	31.6	22.2	33.2		
92	18.3	15.0	22.4		

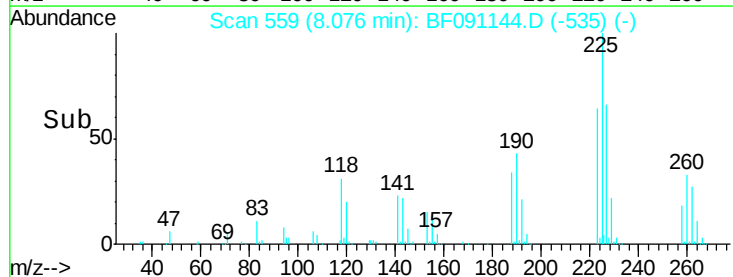
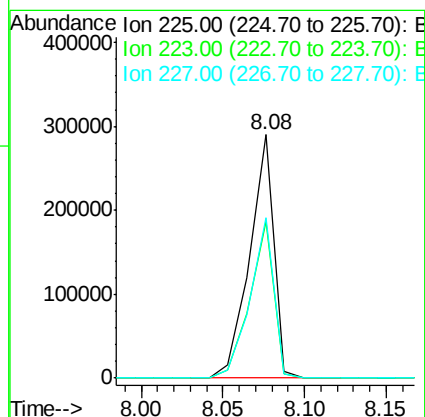
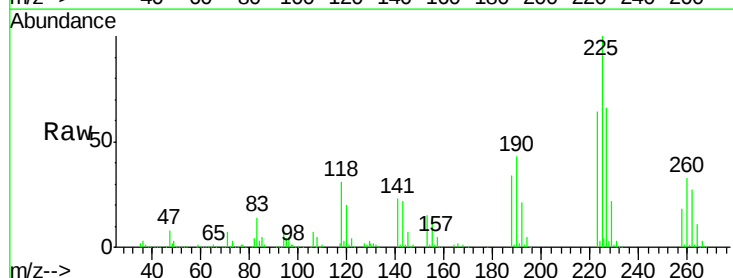
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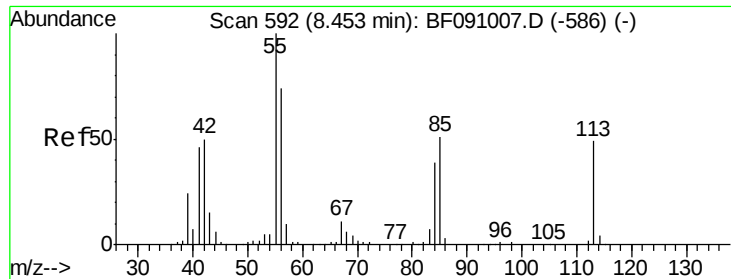
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#34
Hexachlorobutadiene
Concen: 49.44 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	50.4	75.6		
227	65.8	50.1	75.1		





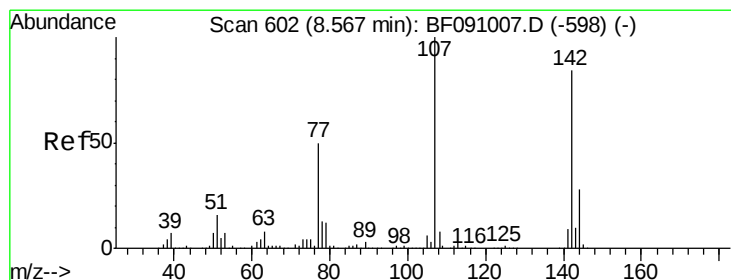
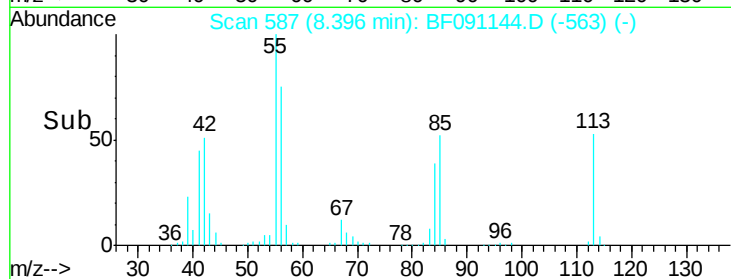
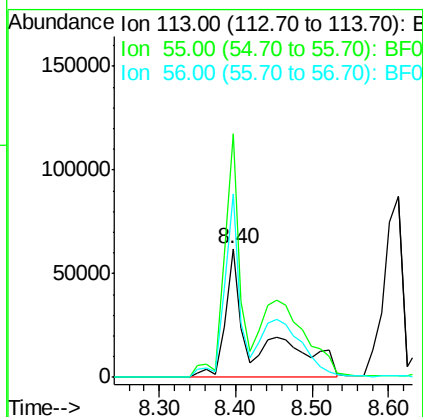
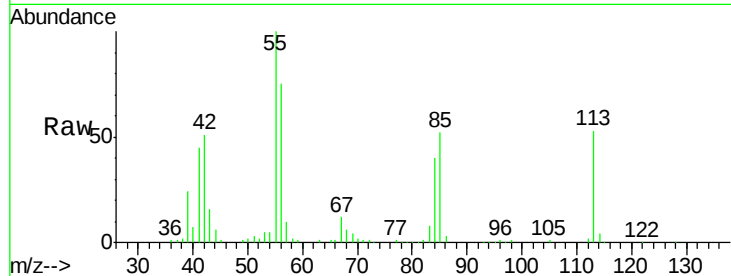
#35
 Caprolactam
 Concen: 55.87 ng/ml
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.5	184.1	224.1
56	142.7	132.0	172.0

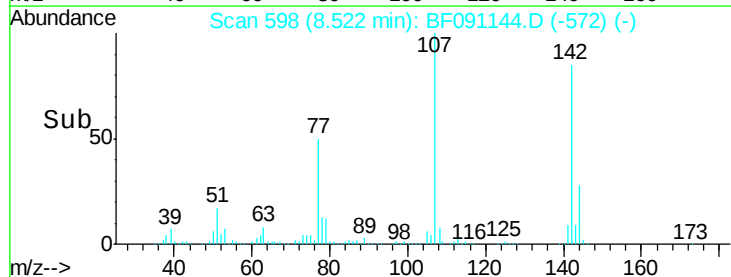
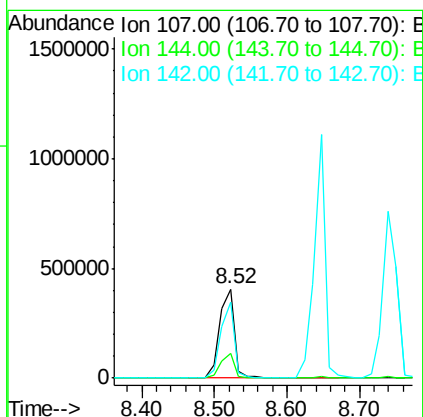
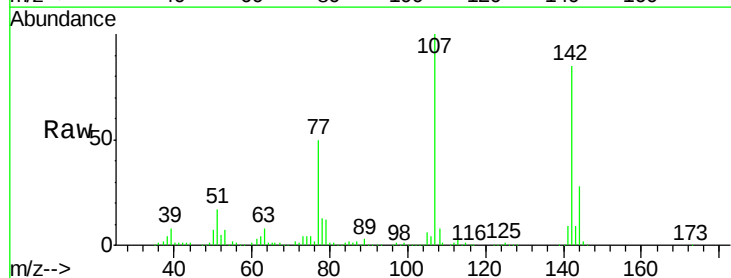
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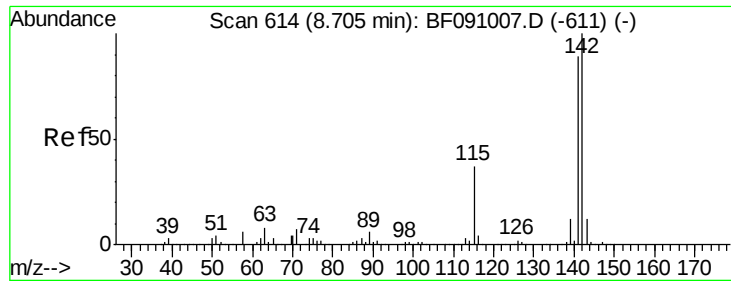
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#36
 4-Chloro-3-methylphenol
 Concen: 48.50 ng/ml
 RT: 8.52 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.5	33.7
142	84.8	67.4	101.2





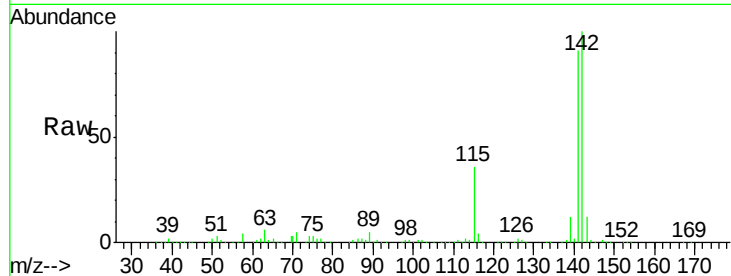
#37
2-Methylnaphthalene
Concen: 47.17 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

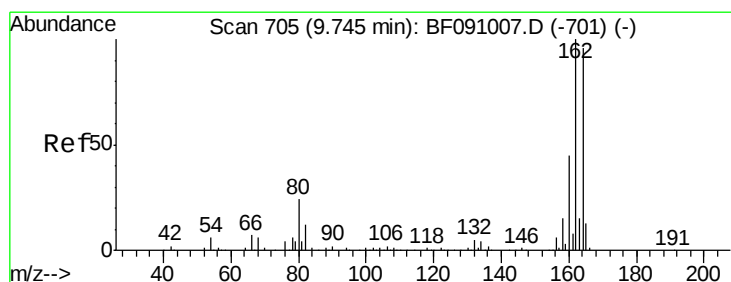
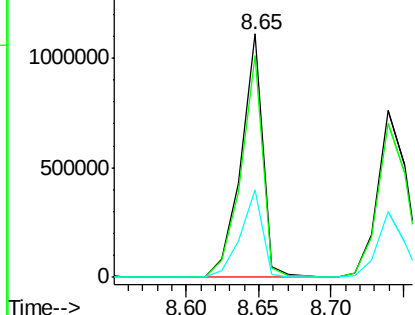
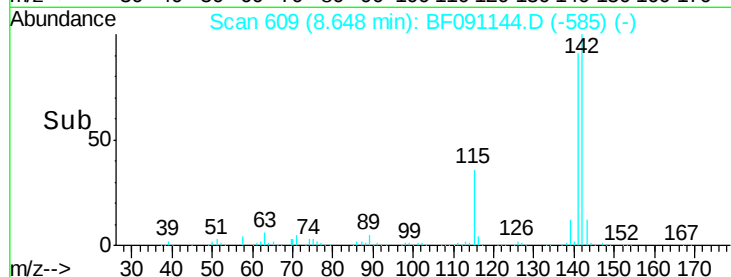
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	35.7	29.9	44.9

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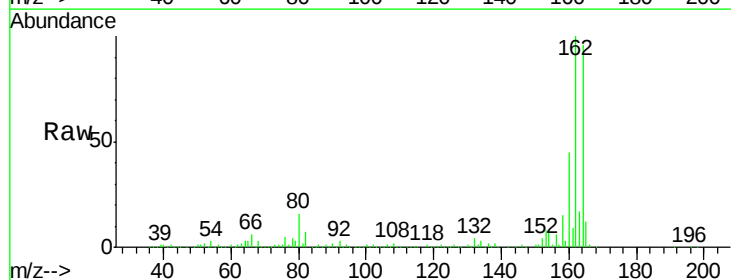


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

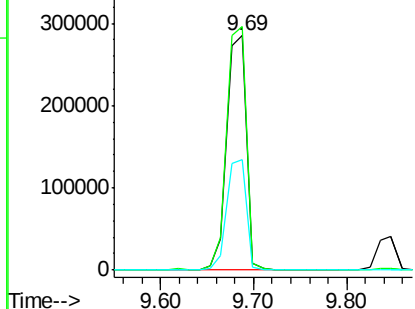
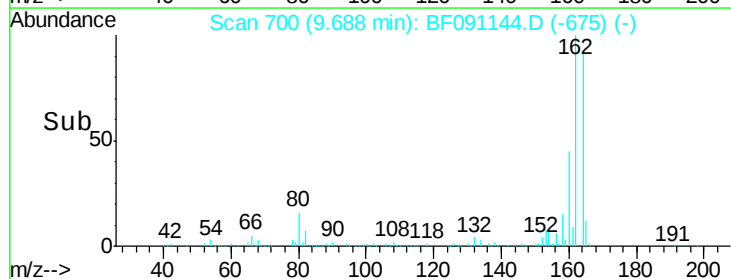


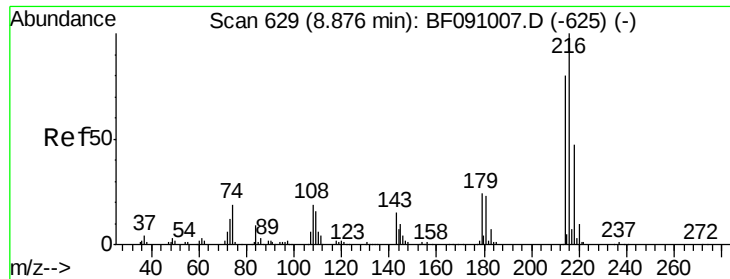
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.6	125.4
160	46.9	37.9	56.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





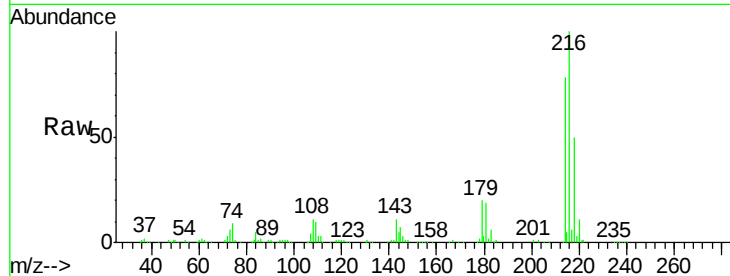
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.63 ng
 RT: 8.82 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	509903		
214	79.0	63.5	95.3	
179	22.2	19.1	28.7	
108	21.6	17.5	26.3	

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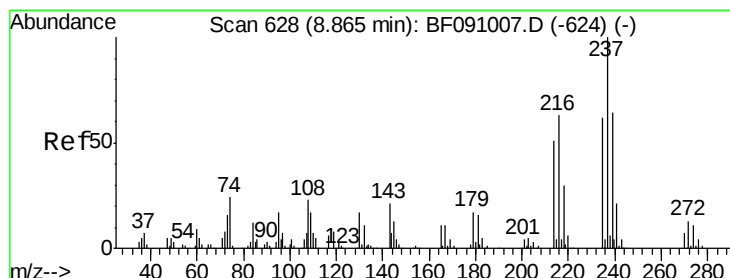
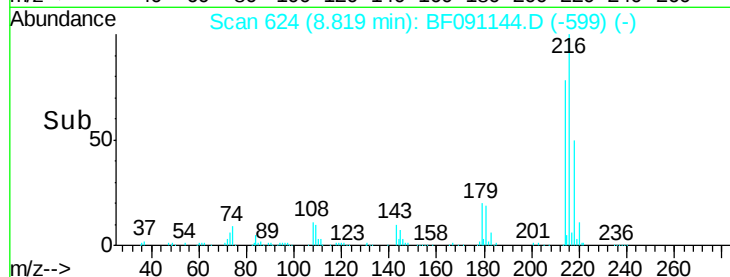
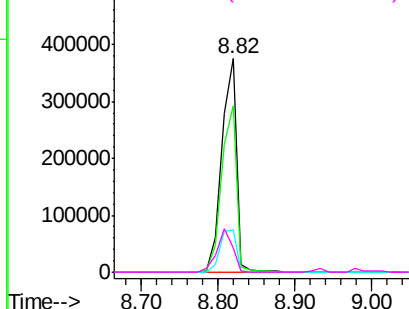
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

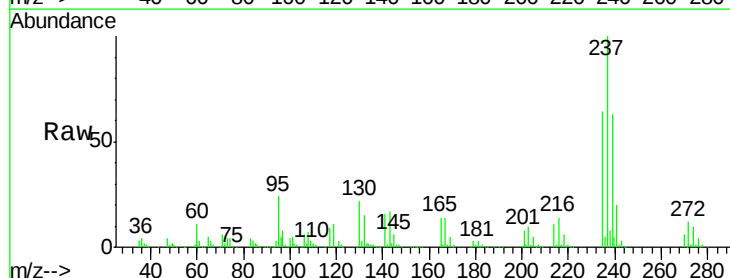
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 108.32 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	460803		
235	63.8	42.1	82.1	
272	12.3	0.0	33.1	

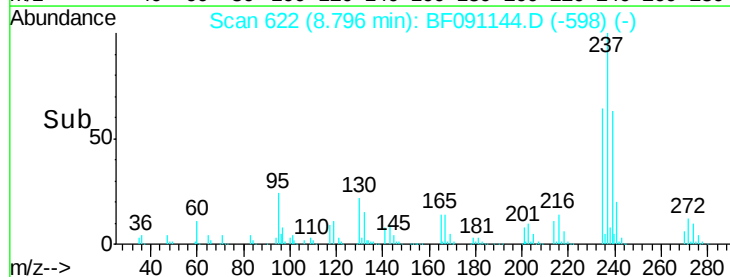
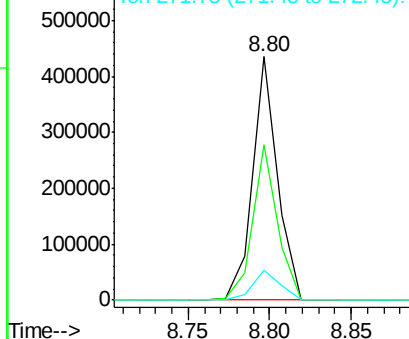


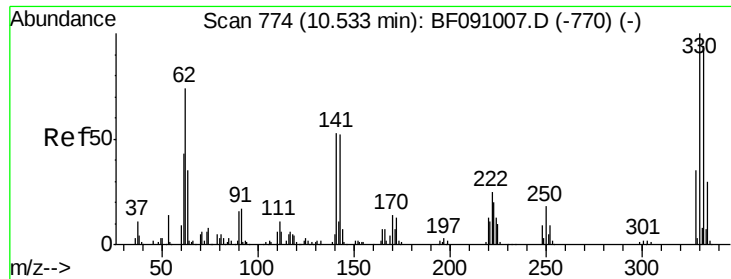
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





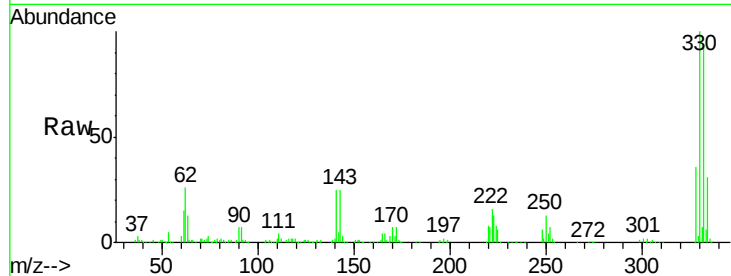
#41
 2,4,6-Tribromophenol
 Concen: 135.13 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

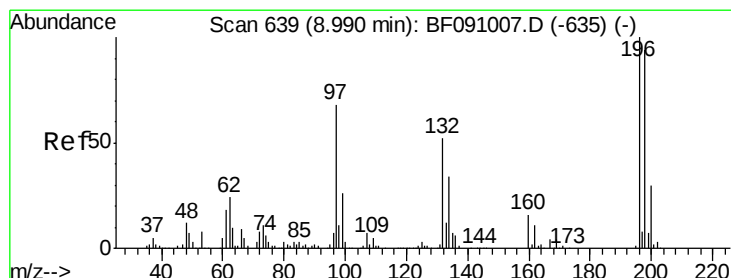
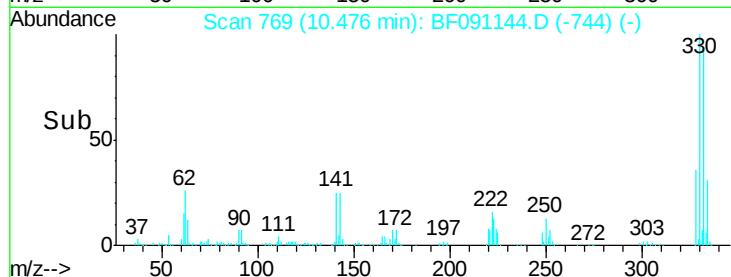
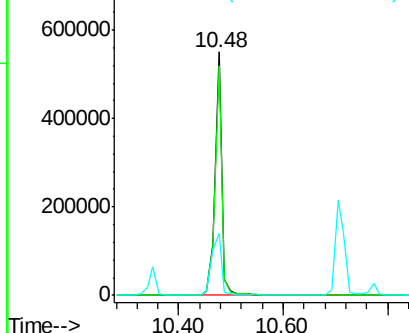
Tot Ion	Ratio	Resp	Lower	Upper
330	100	512949		
332	94.6	75.9	113.9	
141	36.2	36.1	54.1	

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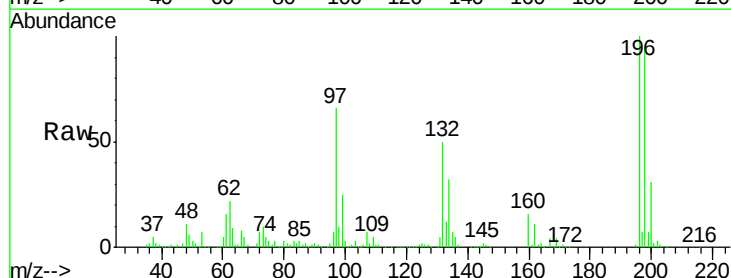


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

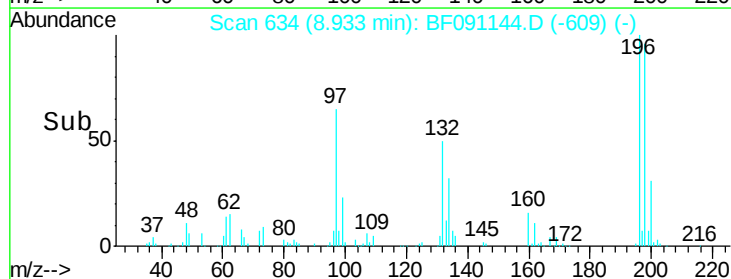
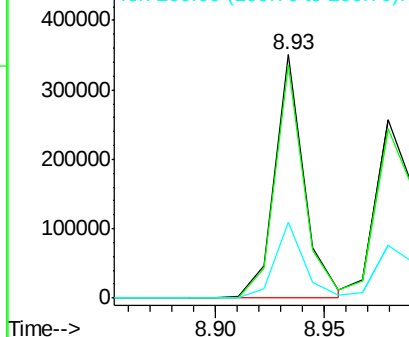


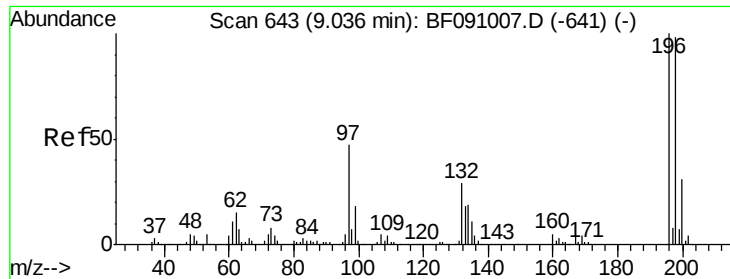
#42
 2,4,6-Trichlorophenol
 Concen: 47.96 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	331445		
198	95.9	75.4	113.0	
200	31.0	24.1	36.1	



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





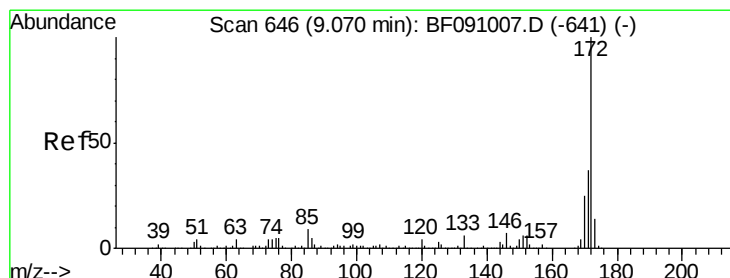
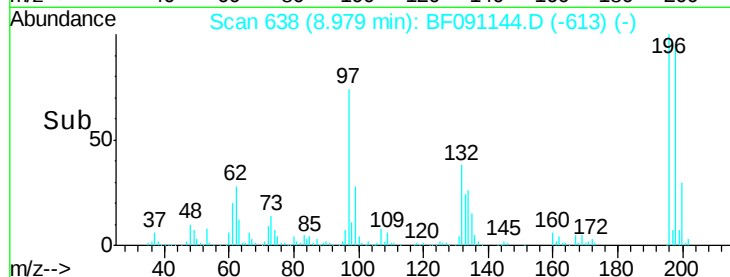
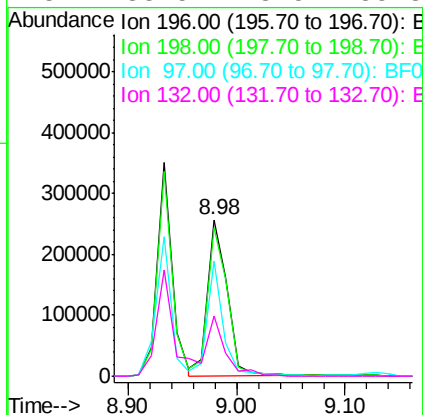
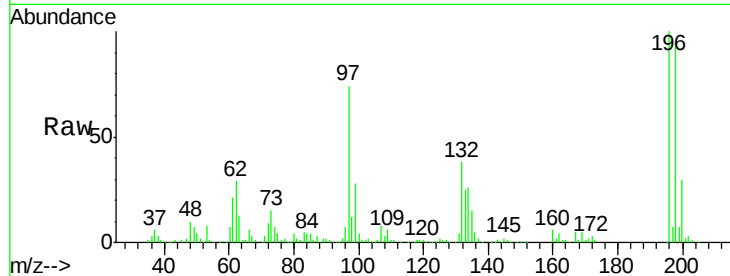
#43
 2,4,5-Trichlorophenol
 Concen: 44.79 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampled :
 PB94676BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	325004		
198	94.6	78.2	117.4	
97	73.8	38.8	58.2	#
132	38.5	23.5	35.3	#

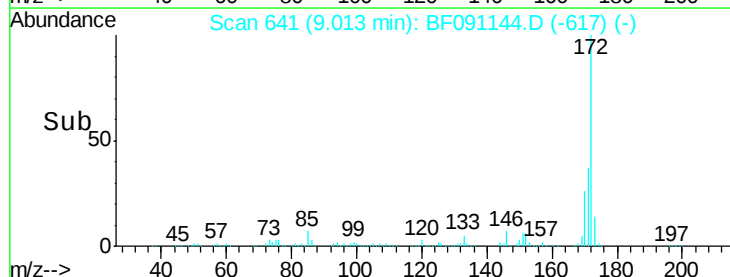
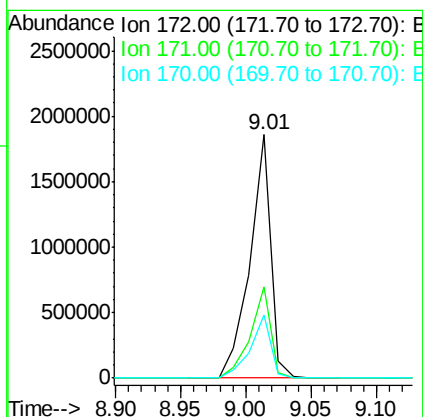
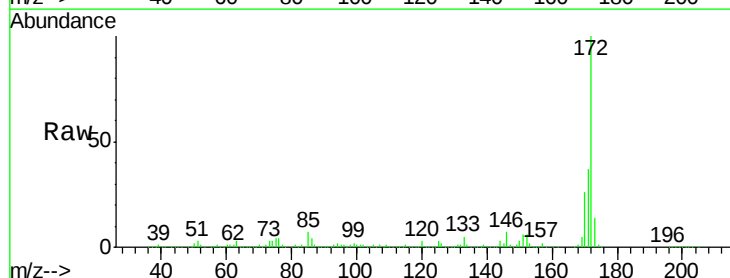
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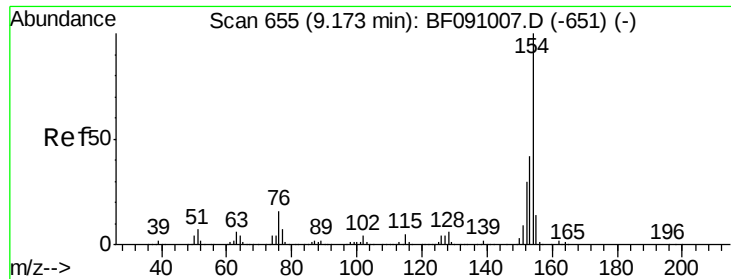
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#44
 2-Fluorobiphenyl
 Concen: 85.17 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2077151		
171	37.5	29.8	44.6	
170	25.8	20.3	30.5	





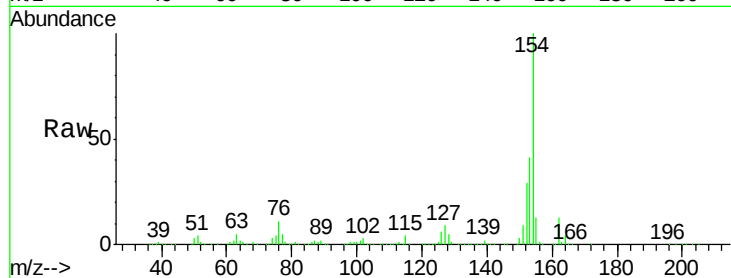
#45
 1,1'-Biphenyl
 Concen: 45.25 ng
 RT: 9.12 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampled :
 PB94676BS

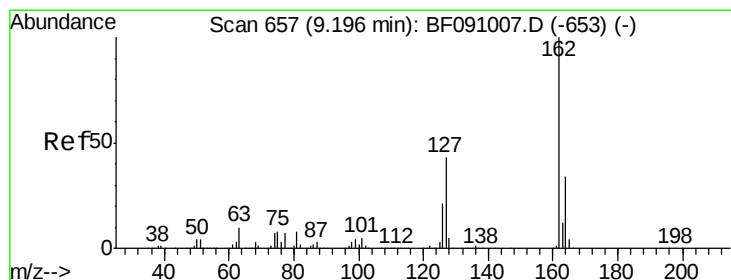
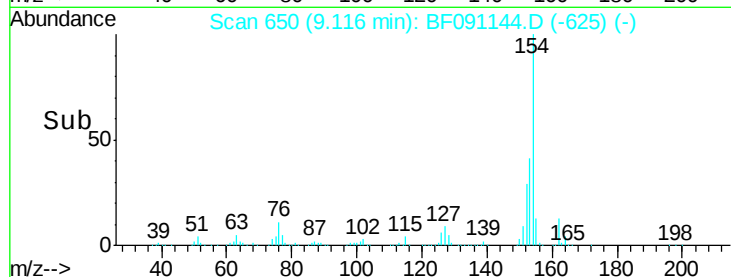
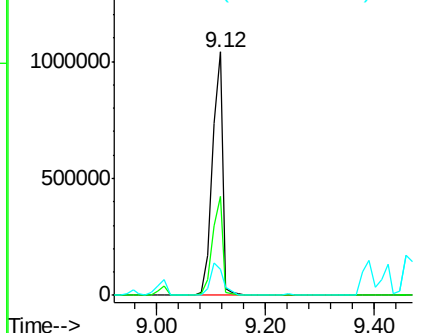
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.6	61.6
76	10.5	0.0	36.2

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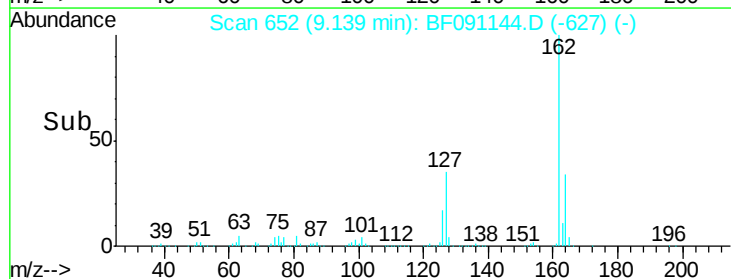
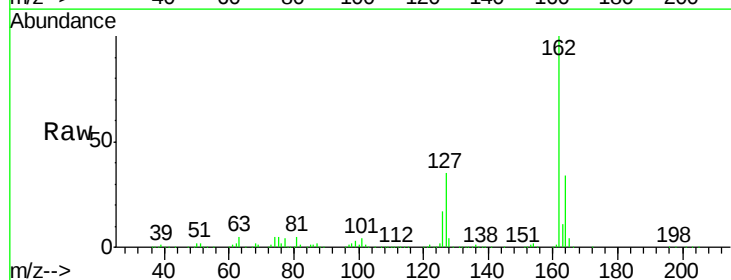
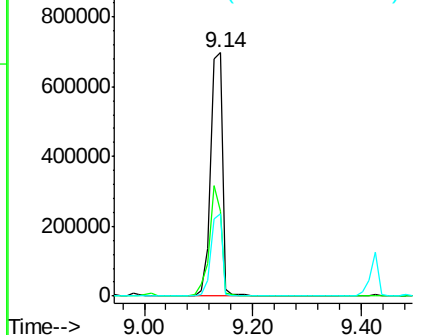
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

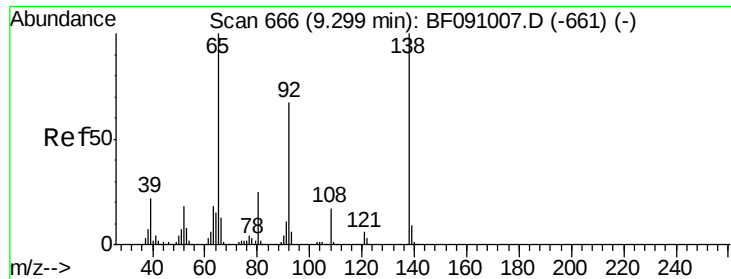


#46
 2-Chloronaphthalene
 Concen: 46.26 ng
 RT: 9.14 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	34.7	52.1
164	33.9	27.0	40.4

Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





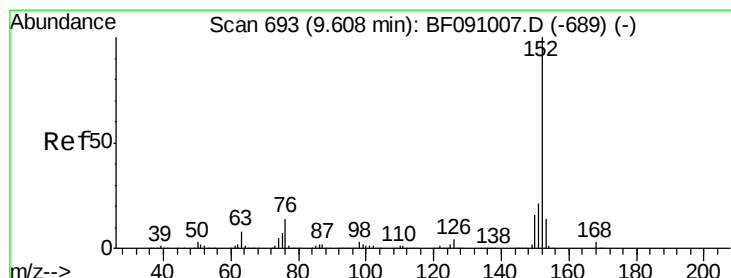
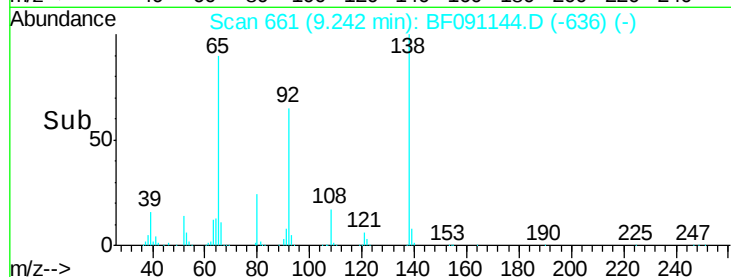
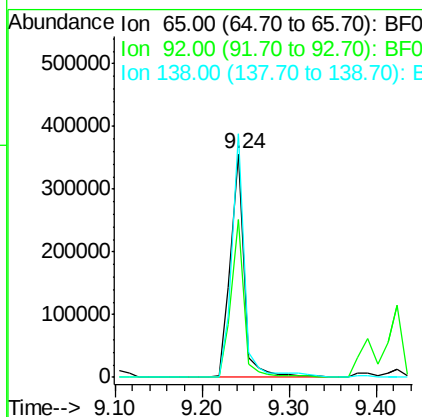
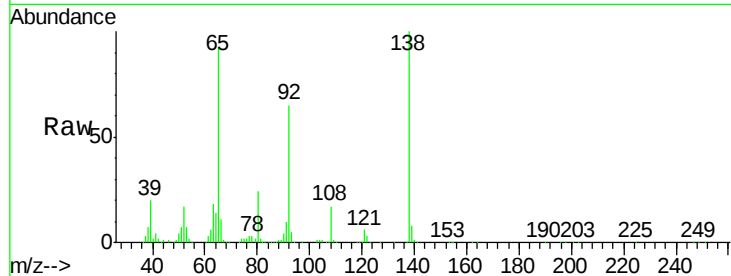
#47
2-Nitroaniline
Concen: 45.95 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampled :
PB94676BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.9	80.9
138	108.9	80.1	120.1

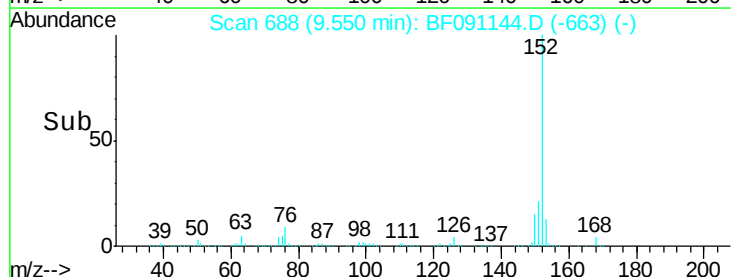
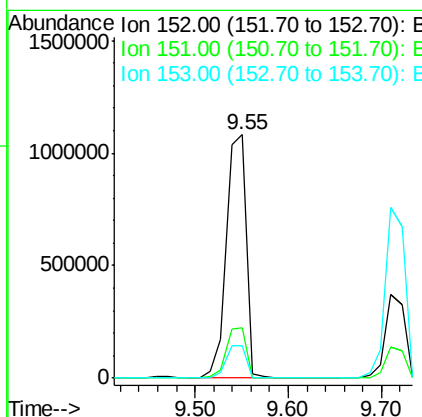
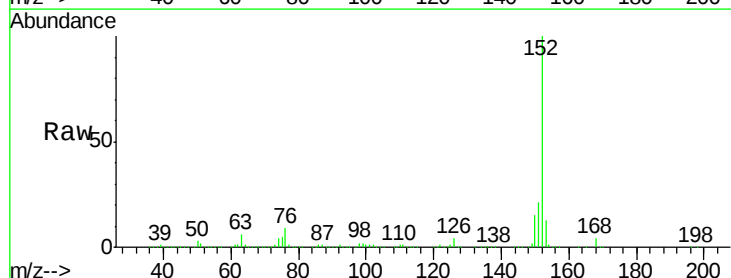
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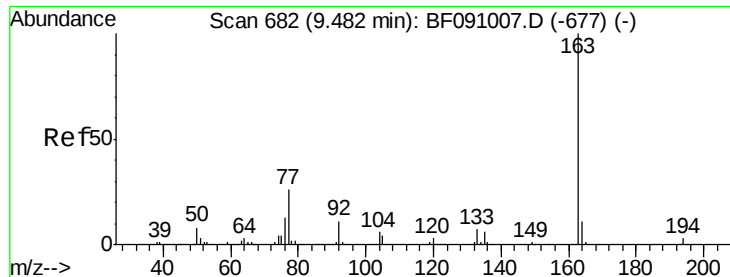
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#48
Acenaphthylene
Concen: 44.56 ng
RT: 9.55 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1
153	13.1	11.1	16.7





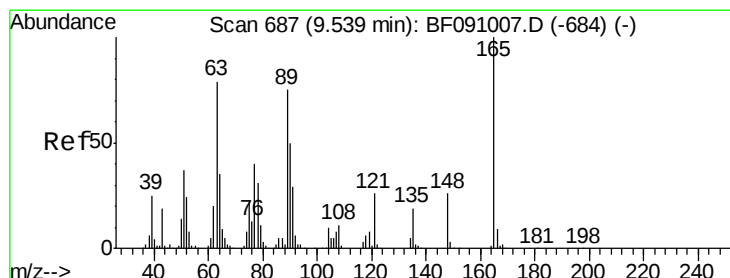
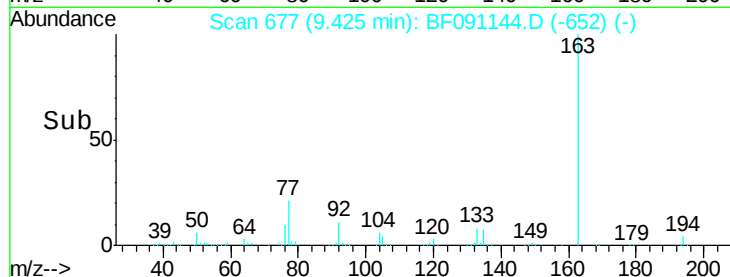
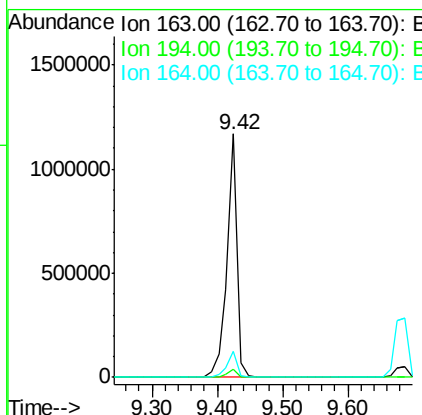
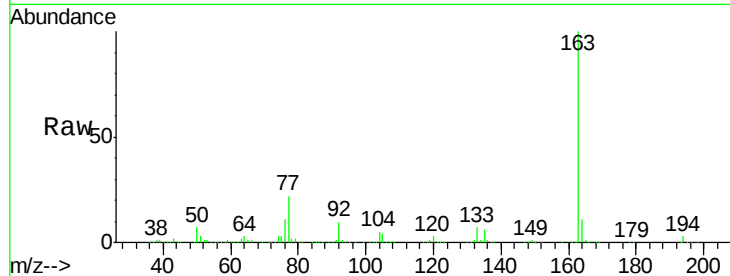
#49
Dimethylphthalate
Concen: 45.17 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.7	8.7	13.1

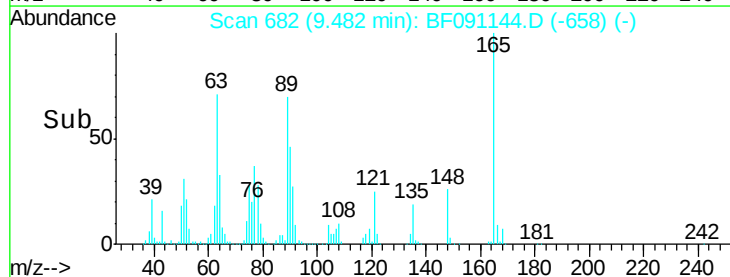
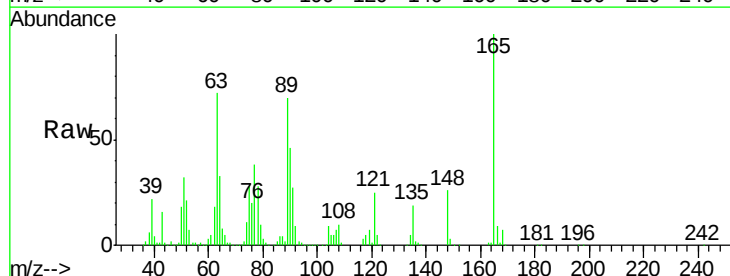
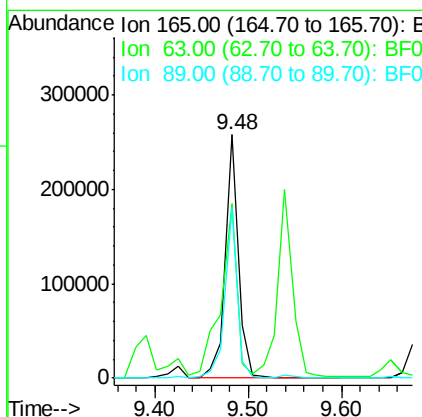
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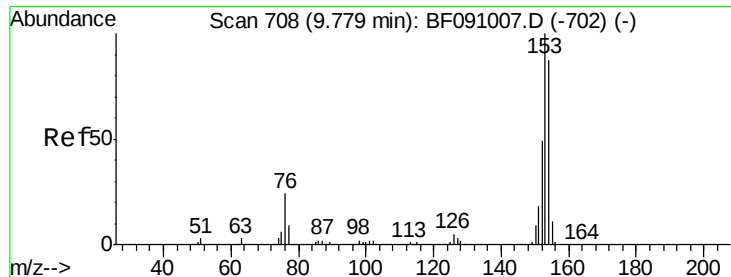
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#50
2,6-Dinitrotoluene
Concen: 42.73 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.6	65.6	98.4
89	70.1	59.8	89.6





#51

Acenaphthene

Concen: 42.14 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

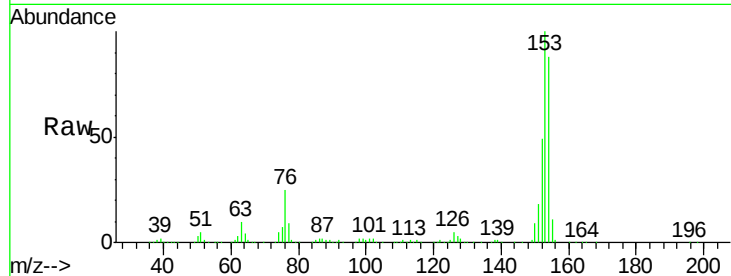
ClientSampleId :

PB94676BS

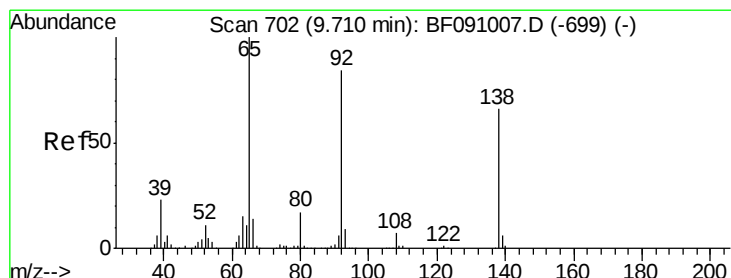
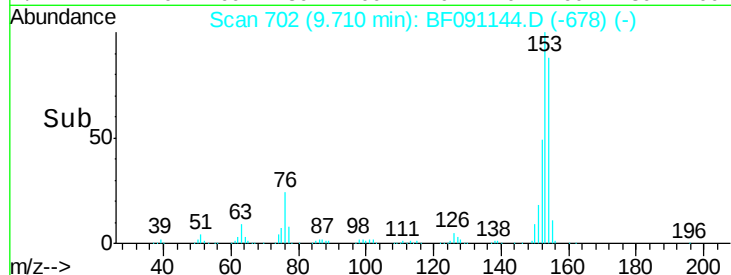
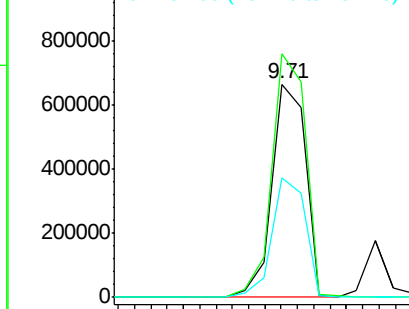
Tot Ion:	154	Resp:	959786
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.6	137.4
152	56.1	44.6	67.0

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



#52

3-Nitroaniline

Concen: 17.74 ng

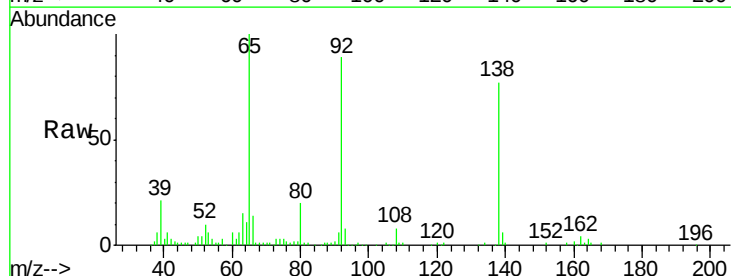
RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

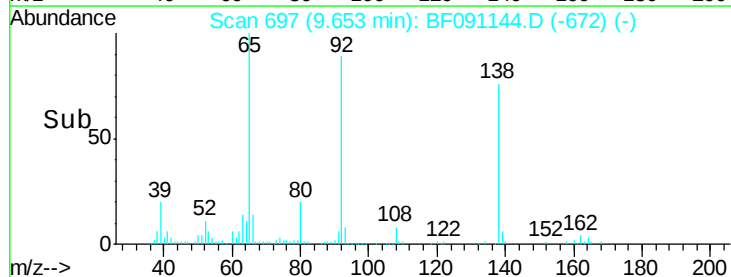
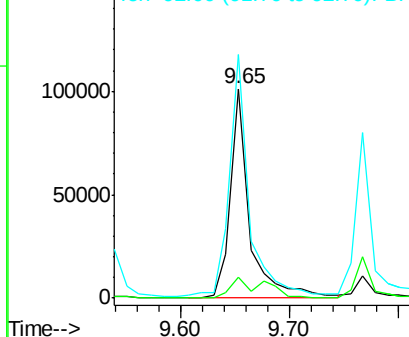
Lab File: BF091144.D

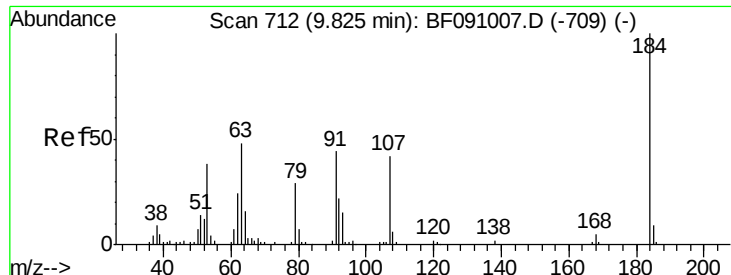
Acq: 11 Nov 2016 17:07

Tgt Ion:	138	Resp:	124110
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.4	12.6
92	116.3	101.1	151.7



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





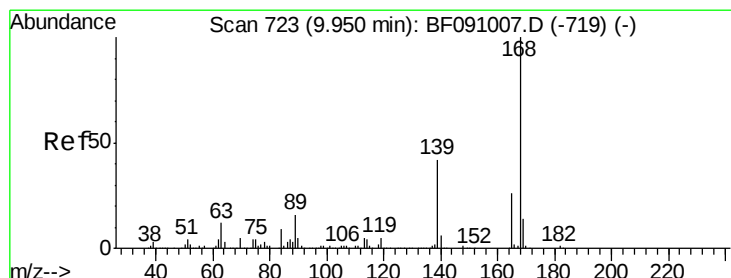
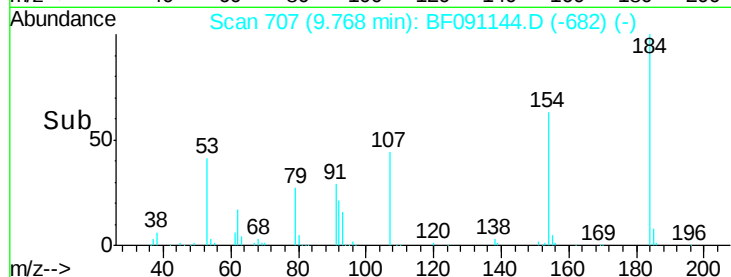
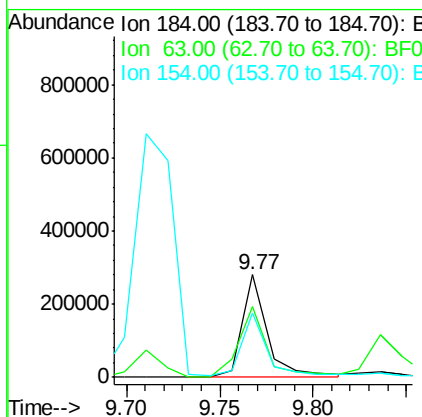
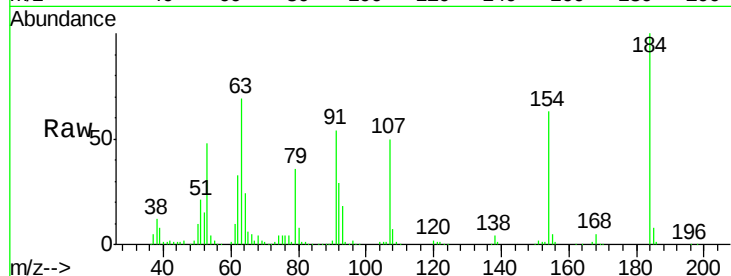
#53
2,4-Dinitrophenol
Concen: 83.24 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	268431		
63	69.4	45.5	68.3	
154	63.2	51.0	76.4	

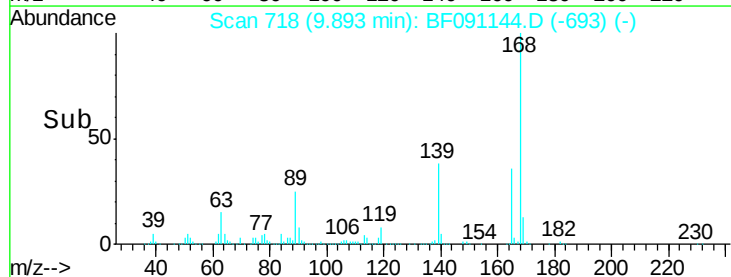
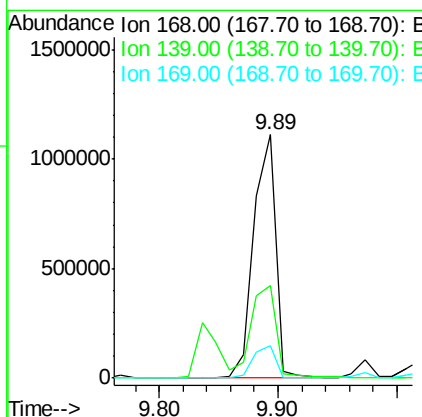
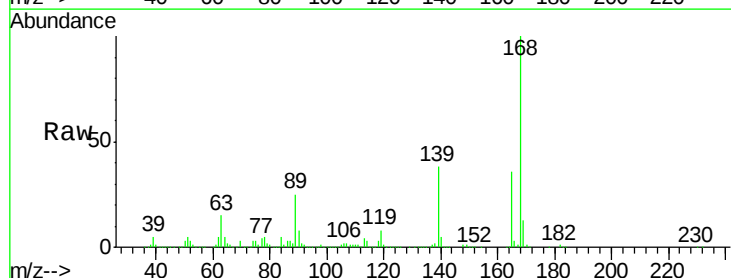
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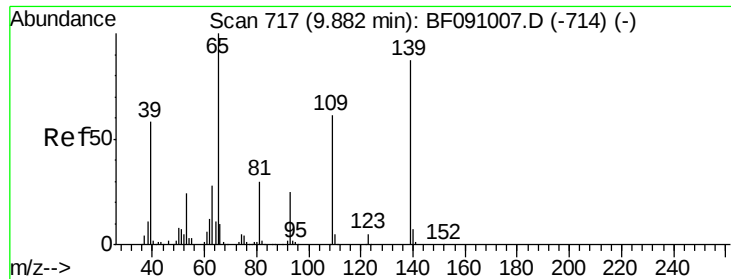
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#54
Dibenzofuran
Concen: 47.02 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1441413		
139	37.8	34.8	52.2	
169	13.3	11.4	17.2	





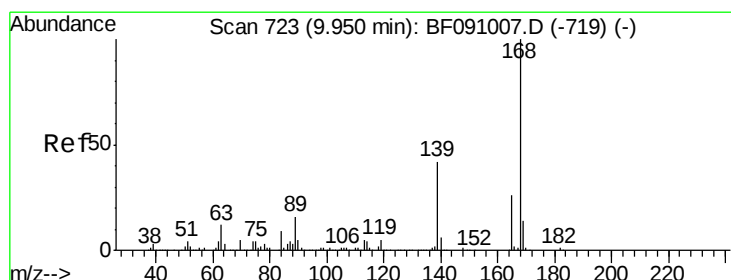
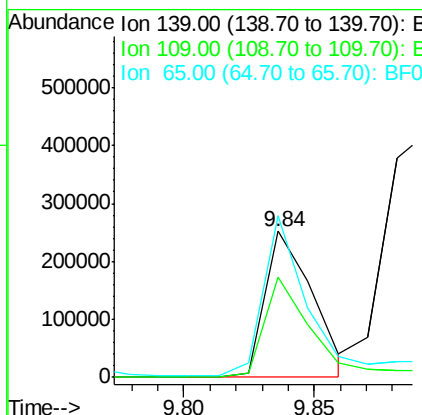
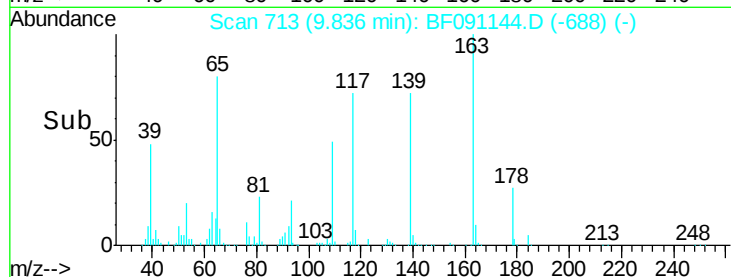
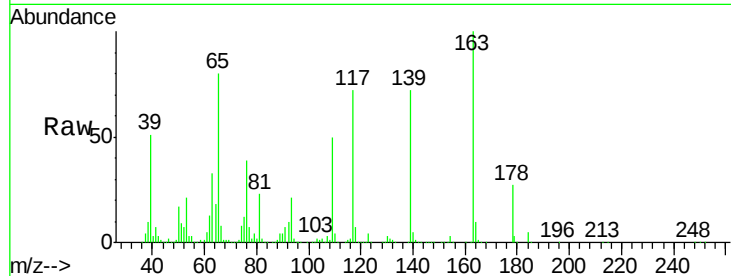
#55
4-Nitrophenol
Concen: 69.27 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampled :
PB94676BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.5	50.5	90.5
65	110.6	97.1	137.1

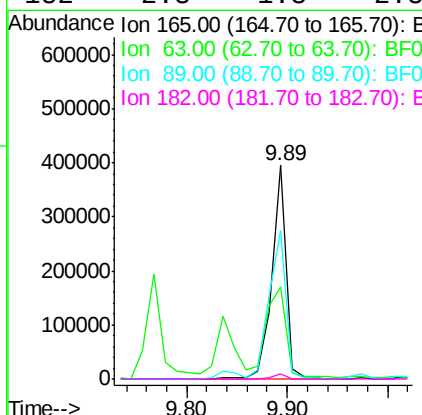
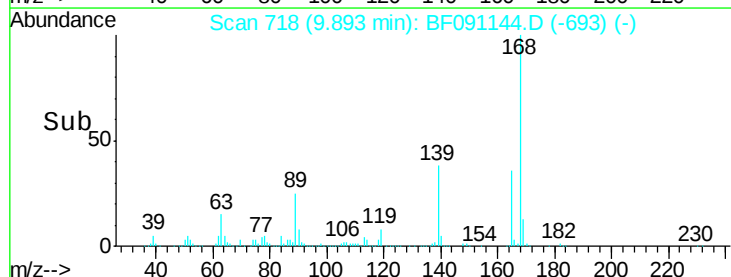
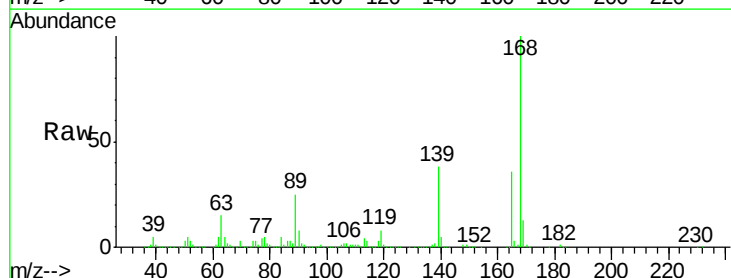
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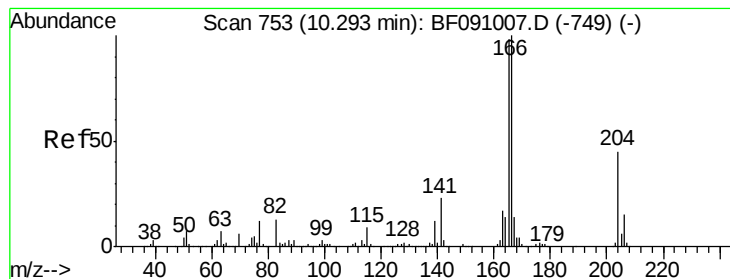
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#56
2,4-Dinitrotoluene
Concen: 51.77 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.3	38.7	58.1
89	69.6	50.6	76.0
182	2.3	1.8	2.8





#57

Fluorene

Concen: 42.31 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB94676BS

Tot Ion:166 Resp: 1060166

Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

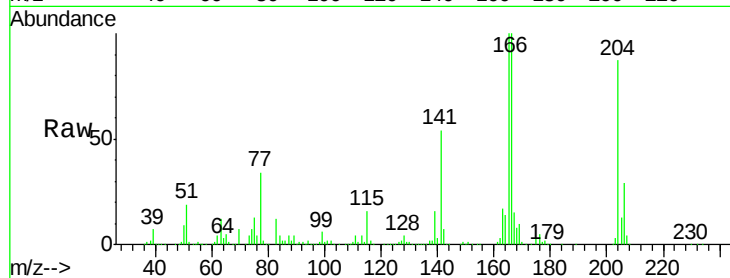
167 14.5 11.1 16.7

Manual Integrations

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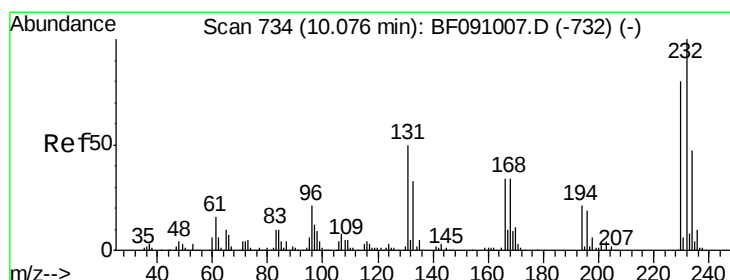
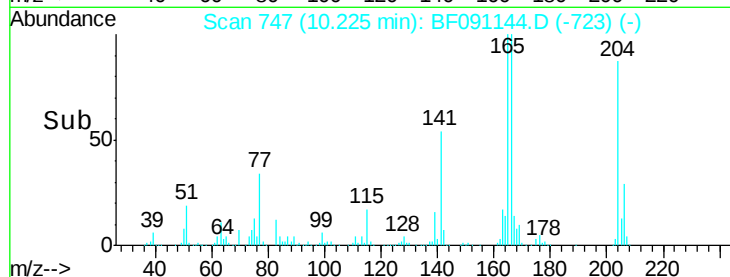
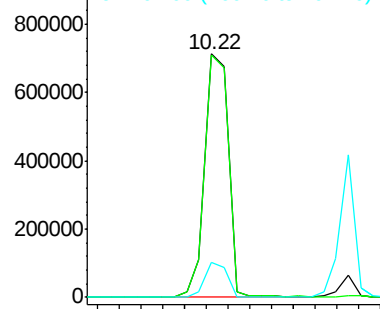
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.36 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion:232 Resp: 286261

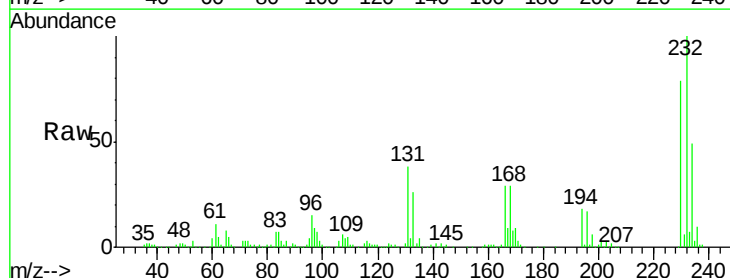
Ion Ratio Lower Upper

232 100

131 51.2 43.6 65.4

130 2.4 2.0 3.0

166 32.2 27.4 41.2

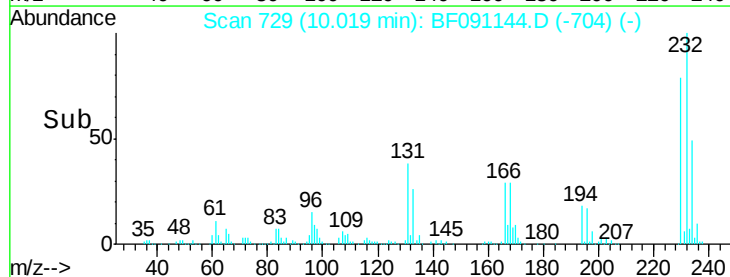
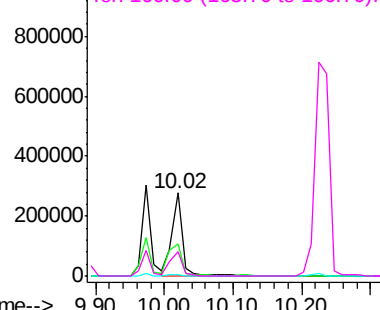


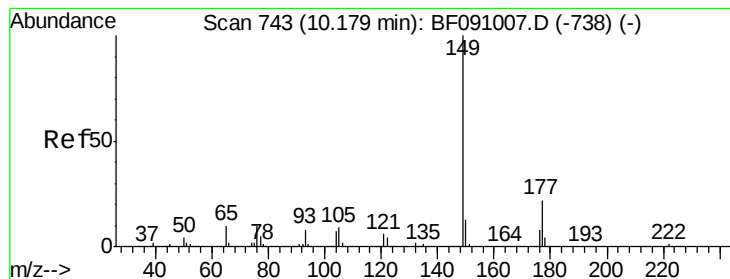
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.32 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleId :

PB94676BS

Tot Ion:149 Resp: 1307500

Ion Ratio Lower Upper

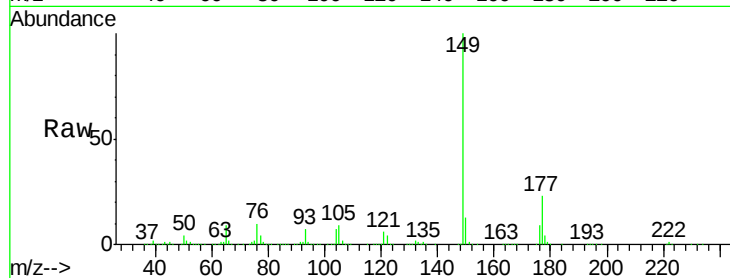
149 100

177 23.1 17.3 25.9

150 13.1 10.3 15.5

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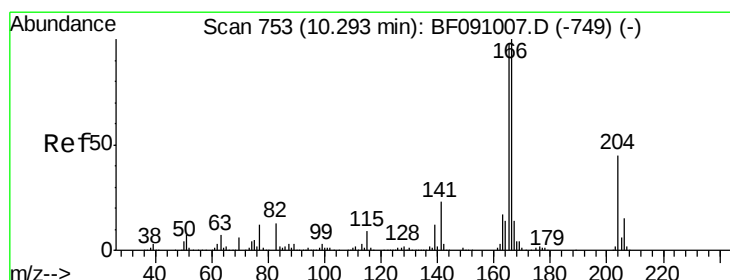
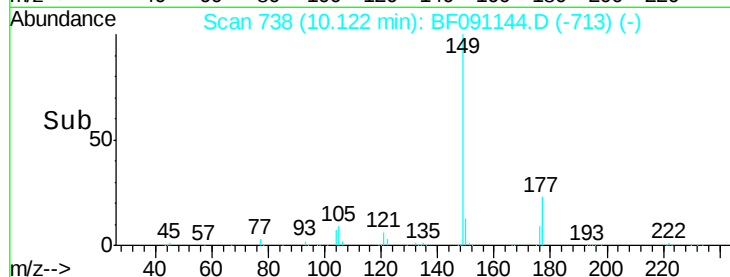
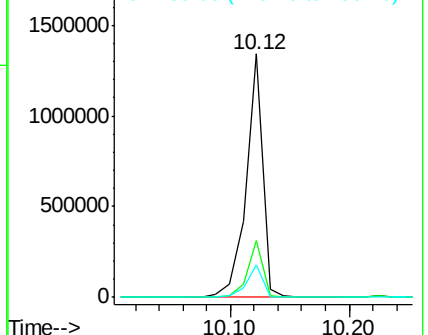
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.76 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

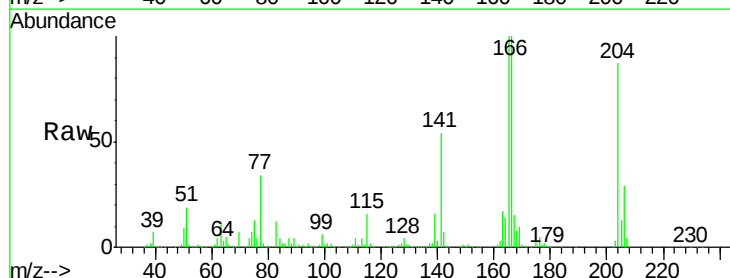
Tgt Ion:204 Resp: 533339

Ion Ratio Lower Upper

204 100

206 33.8 27.1 40.7

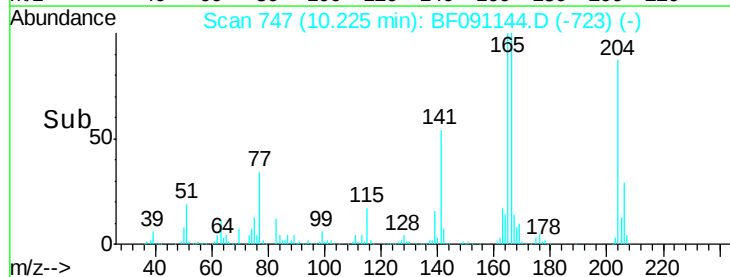
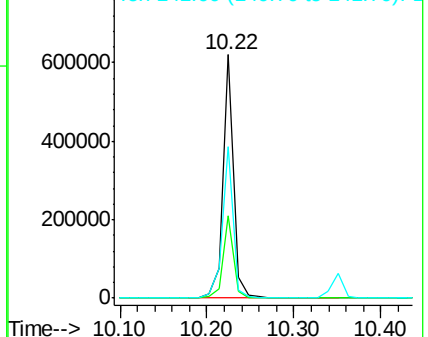
141 62.3 40.1 60.1#

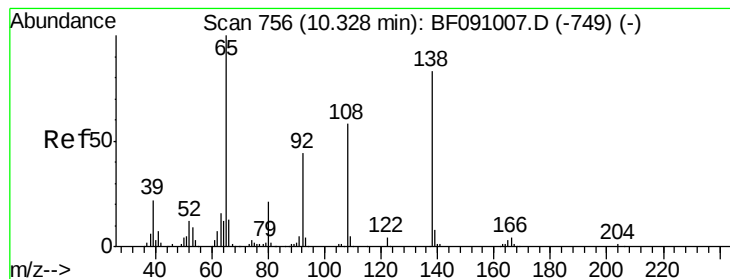


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





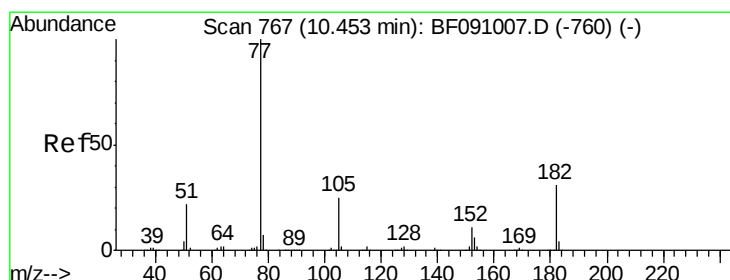
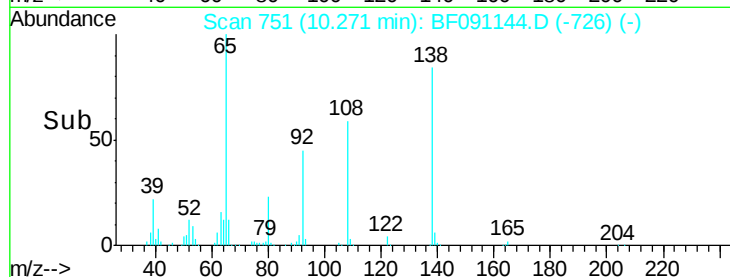
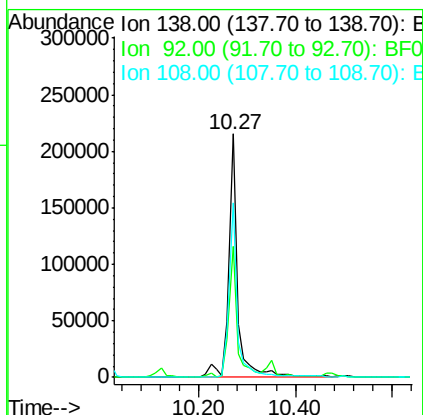
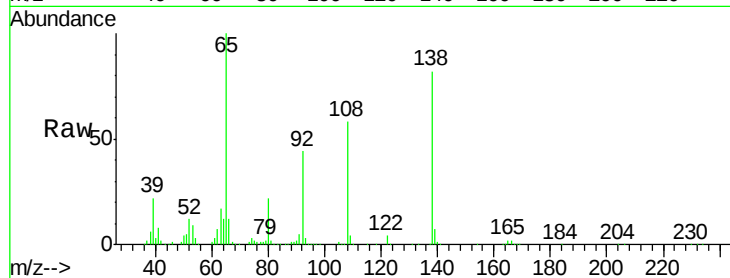
#61
4-Nitroaniline
Concen: 39.27 ng
RT: 10.27 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.6	32.5	72.5
108	71.4	49.4	89.4

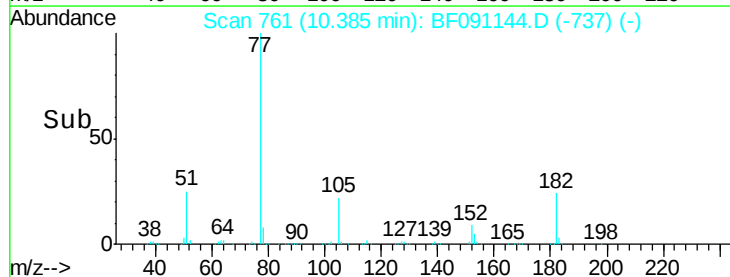
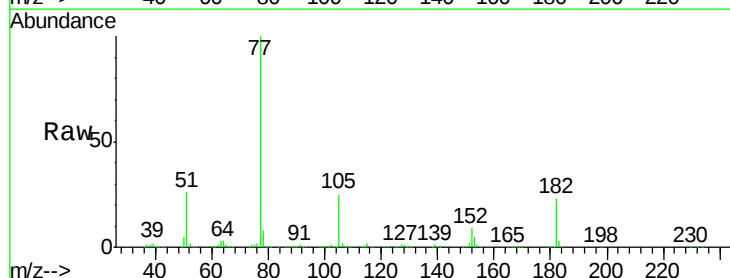
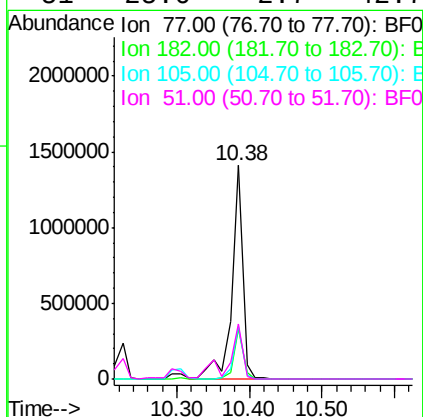
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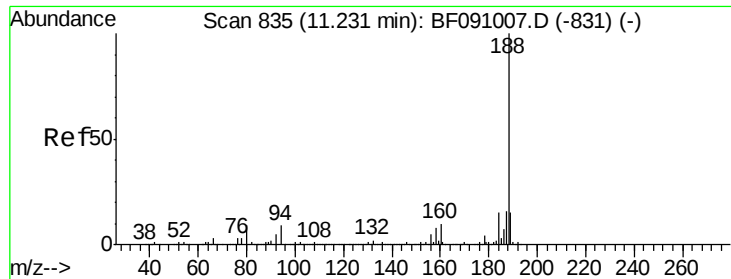
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#62
Azobenzene
Concen: 44.31 ng
RT: 10.38 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.3	11.0	51.0
105	24.7	5.6	45.6
51	25.6	2.7	42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

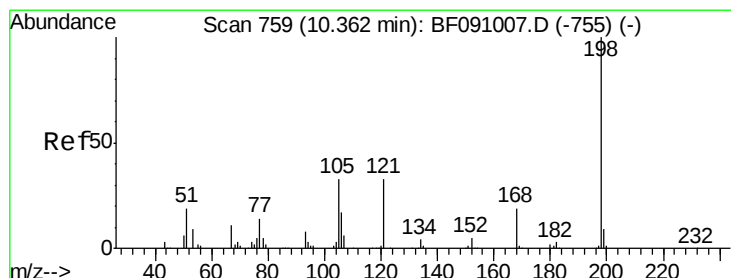
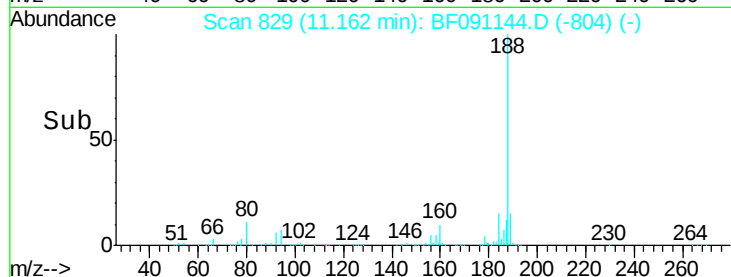
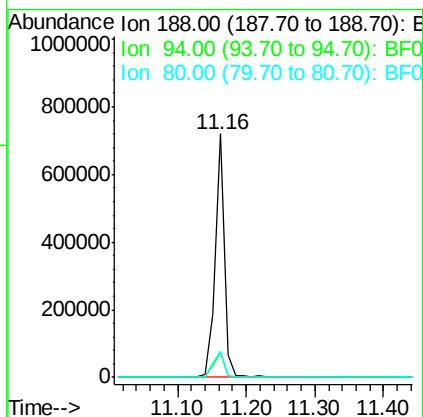
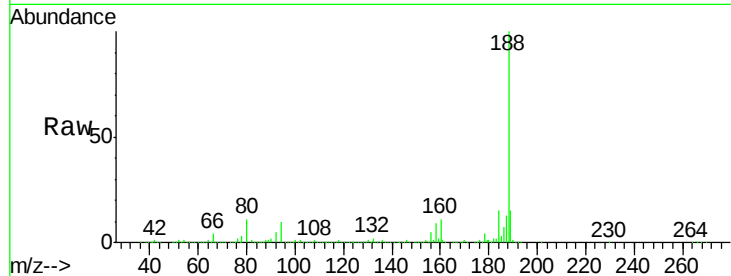
ClientSampleId :

PB94676BS

Tot Ion:	188	Resp:	689755
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.0	10.4
80	10.9	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.24 ng

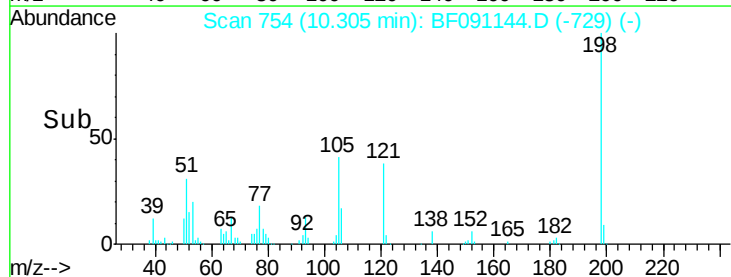
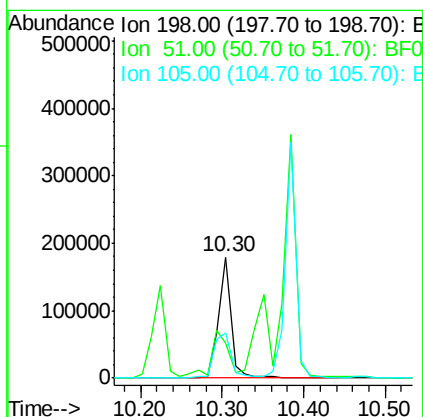
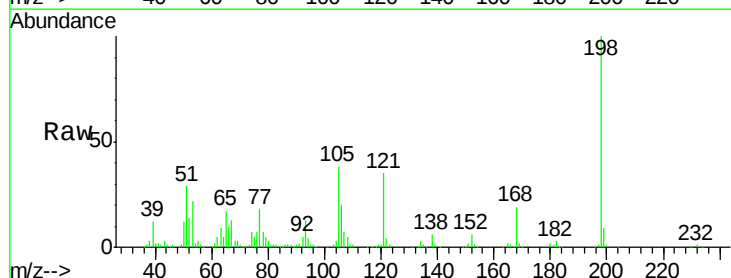
RT: 10.30 min Scan# 754

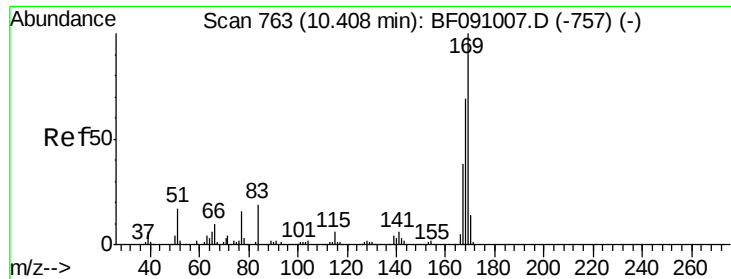
Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion:	198	Resp:	195315
Ion Ratio	Lower	Upper	
198	100		
51	28.8	5.9	45.9
105	37.6	13.8	53.8





#65

n-Nitrosodiphenylamine

Concen: 47.05 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

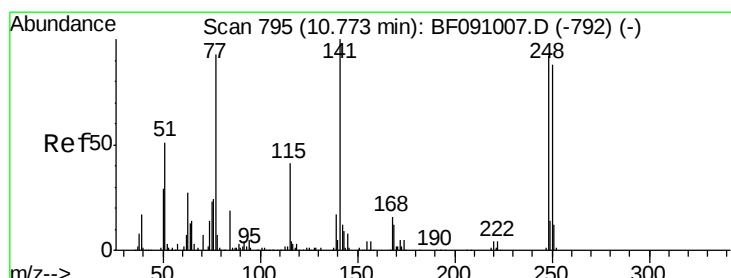
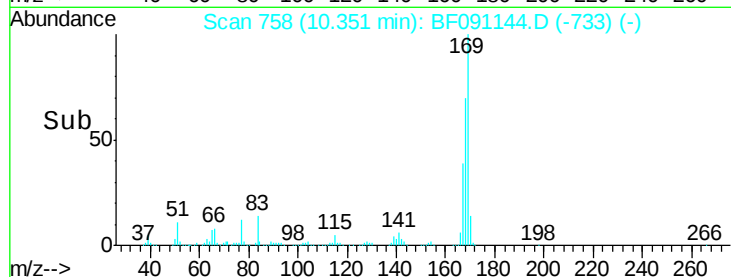
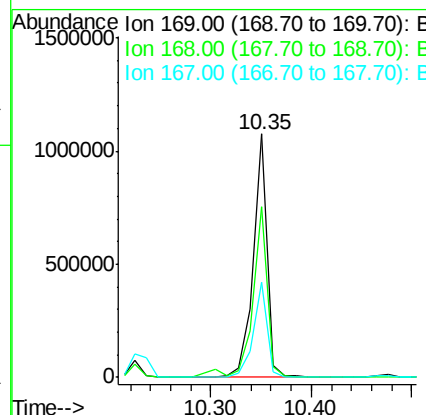
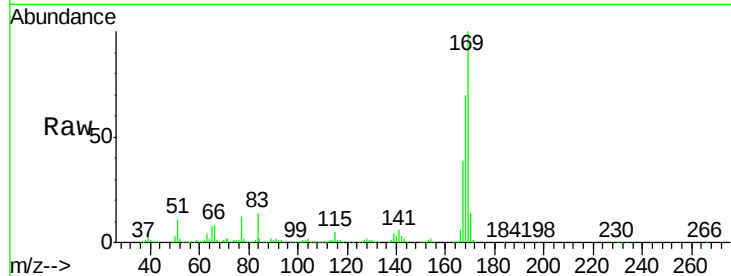
ClientSampled :

PB94676BS

Tot Ion:	169	Resp:	1031564
Ion	Ratio	Lower	Upper
169	100		
168	69.8	55.3	82.9
167	38.9	30.3	45.5

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#66

4-Bromophenyl-phenylether

Concen: 47.30 ng

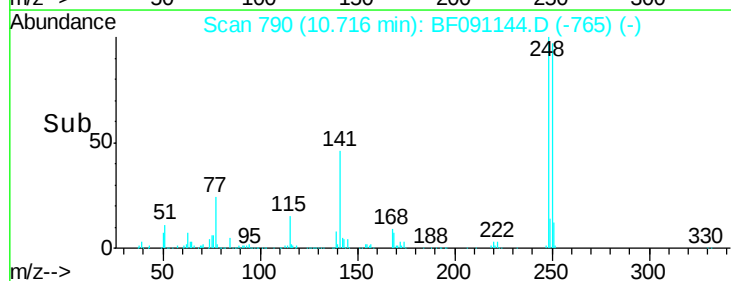
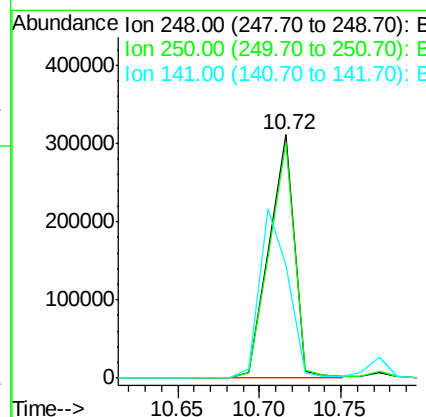
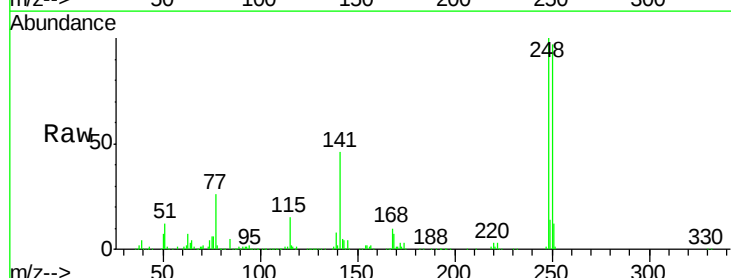
RT: 10.72 min Scan# 790

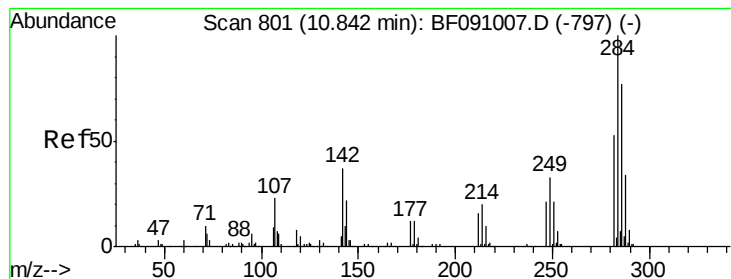
Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion:	248	Resp:	339354
Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.3	114.5
141	46.2	86.8	130.2#





#67

Hexachlorobenzene

Concen: 43.34 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

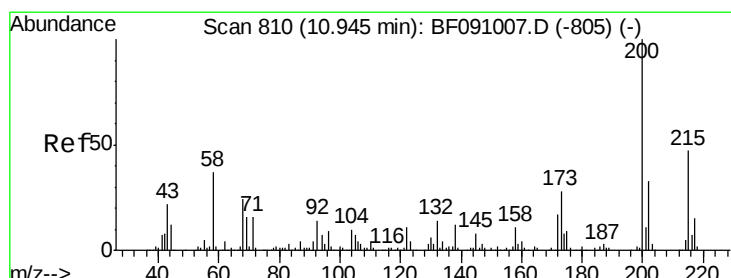
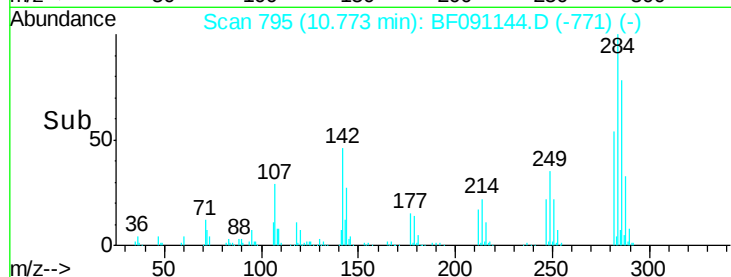
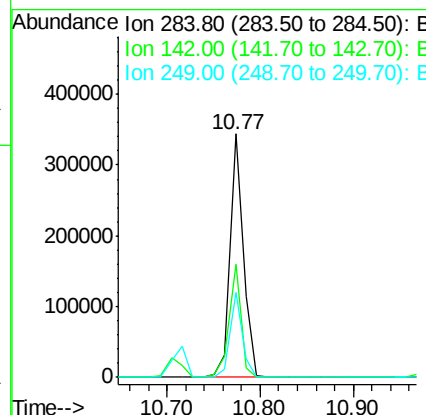
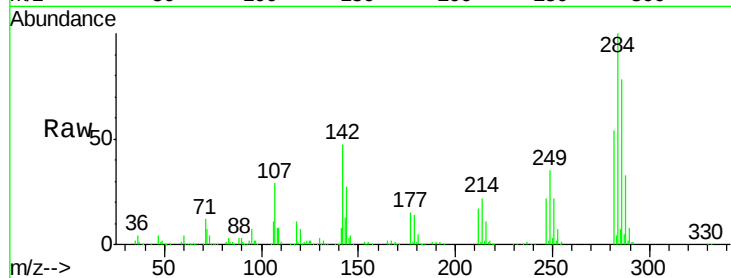
ClientSampleId :

PB94676BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	342915		
142	46.5	29.9	44.9#	
249	35.1	26.6	39.8	

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#68

Atrazine

Concen: 54.69 ng

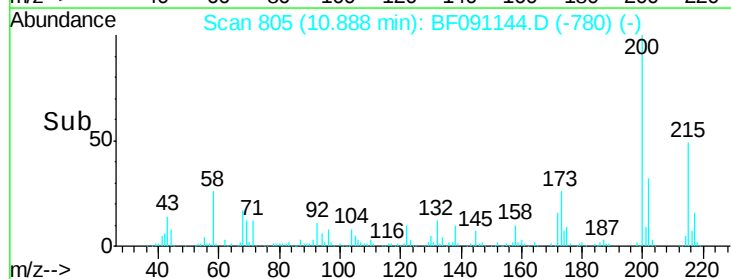
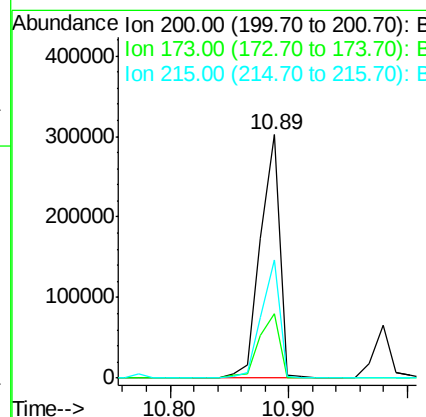
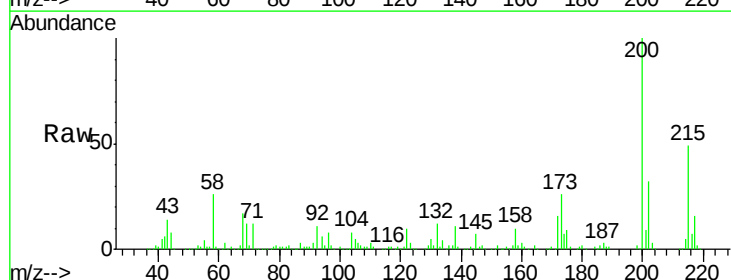
RT: 10.89 min Scan# 805

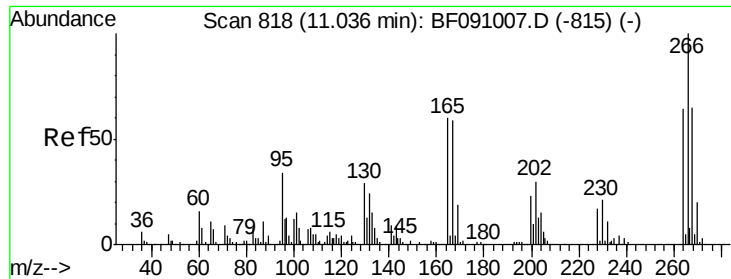
Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	345883		
173	26.3	8.1	48.1	
215	48.5	27.3	67.3	





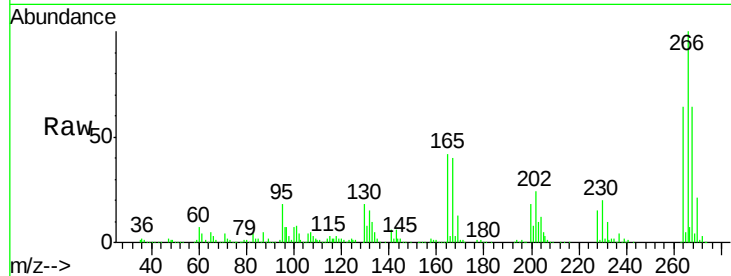
#69
 Pentachlorophenol
 Concen: 102.41 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleID :
 PB94676BS

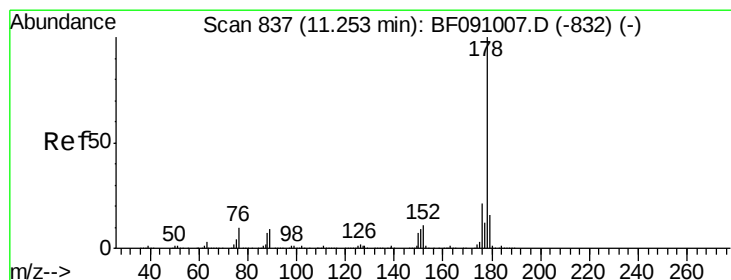
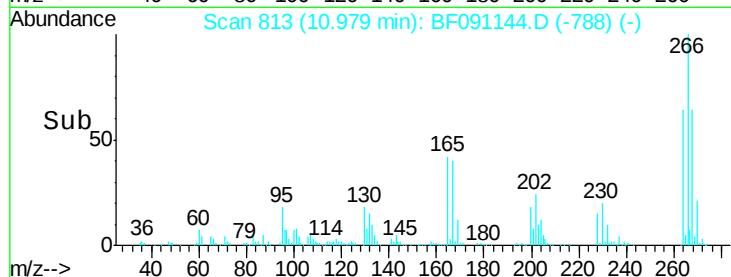
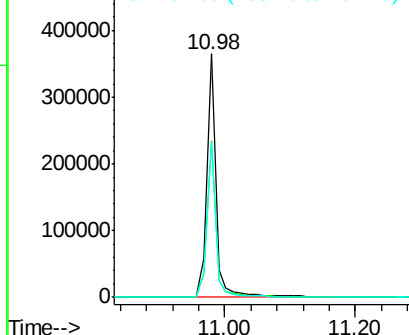
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.1	78.1
264	64.0	51.1	76.7

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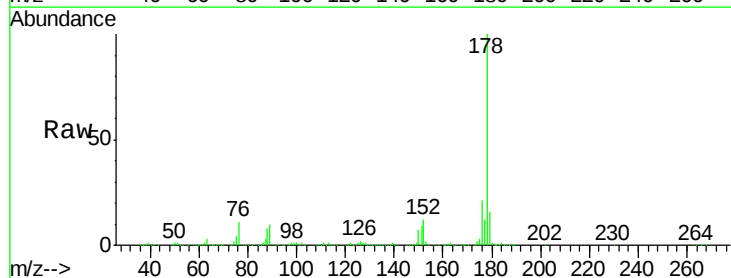


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

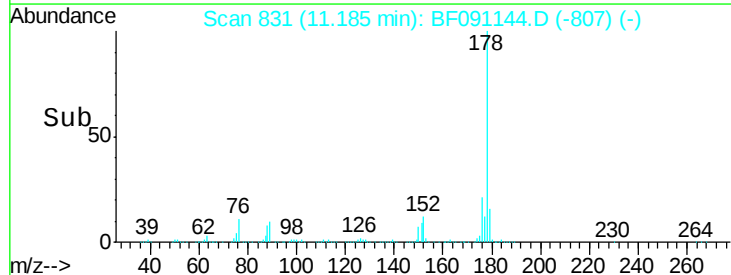
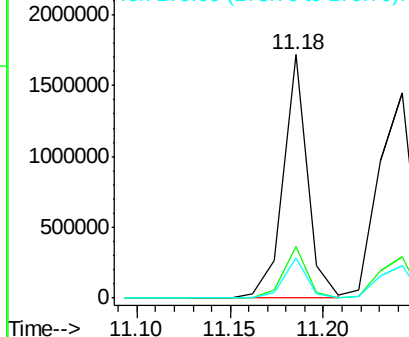


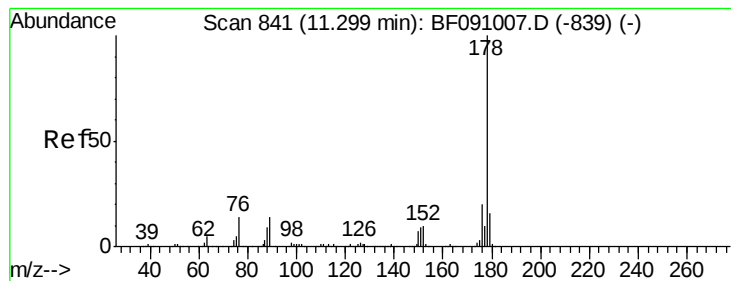
#70
 Phenanthrene
 Concen: 42.18 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.6	25.0
179	16.4	12.9	19.3



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





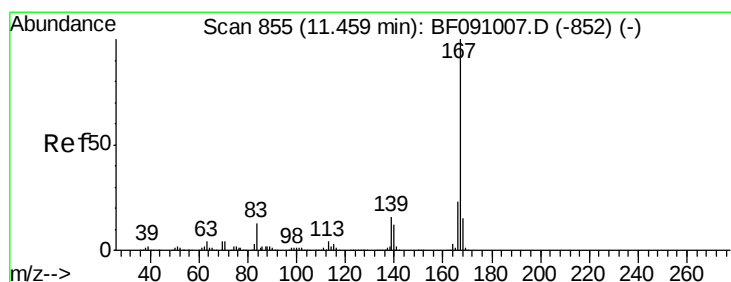
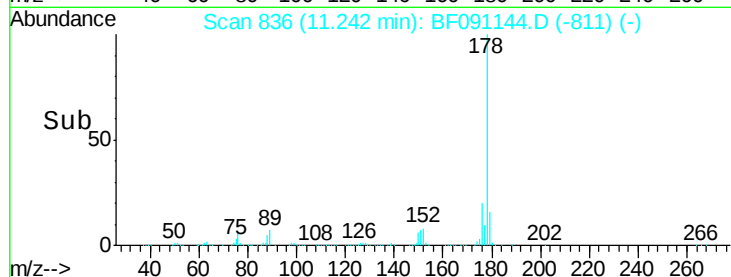
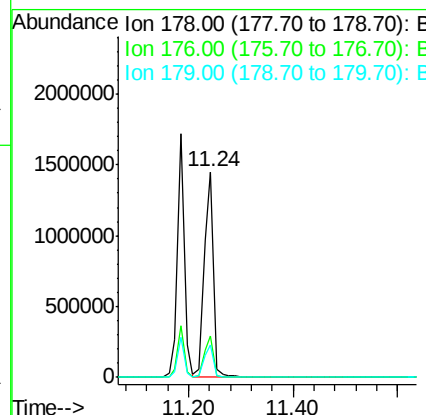
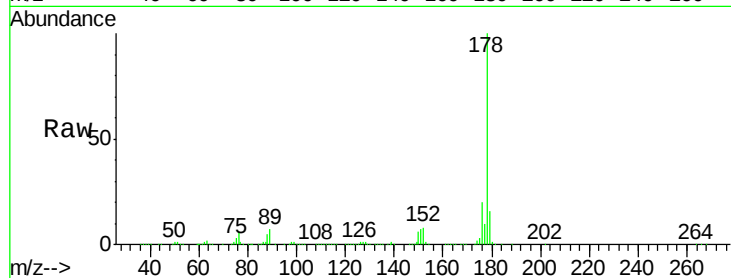
#71
 Anthracene
 Concen: 45.64 ng
 RT: 11.24 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Tot Ion:178 Resp: 1779094
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.0 13.0 19.6

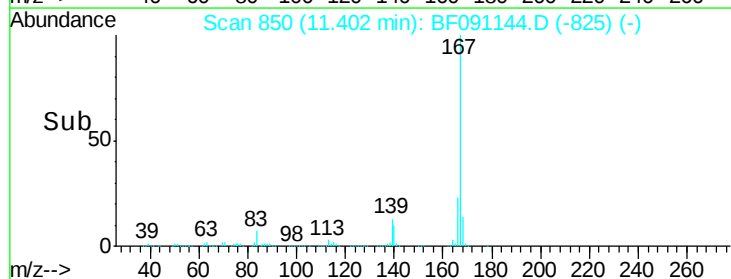
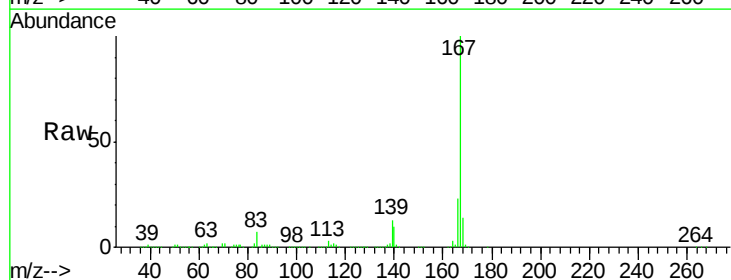
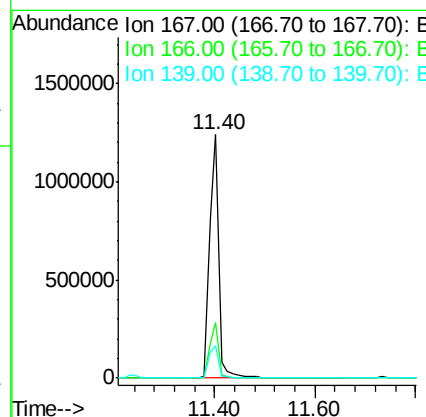
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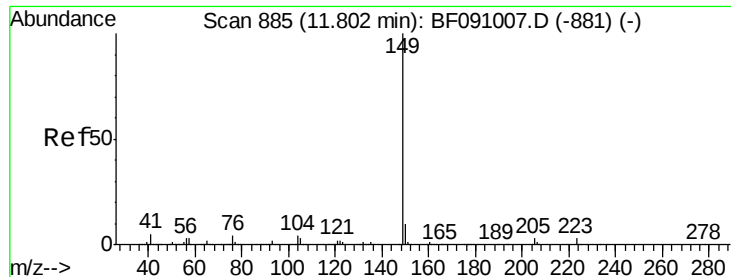
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#72
 Carbazole
 Concen: 44.38 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:167 Resp: 1559193
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 13.2 12.6 18.8





#73

Di-n-butylphthalate

Concen: 42.08 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

ClientSampleID :

PB94676BS

Tot Ion:149 Resp: 1859106

Ion Ratio Lower Upper

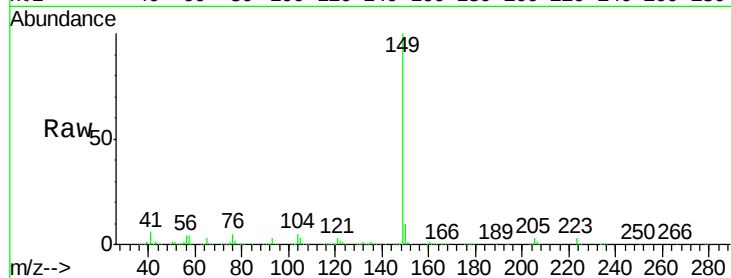
149 100

150 10.2 7.7 11.5

104 5.3 3.6 5.4

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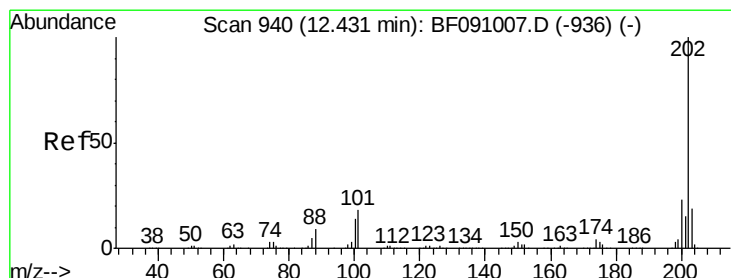
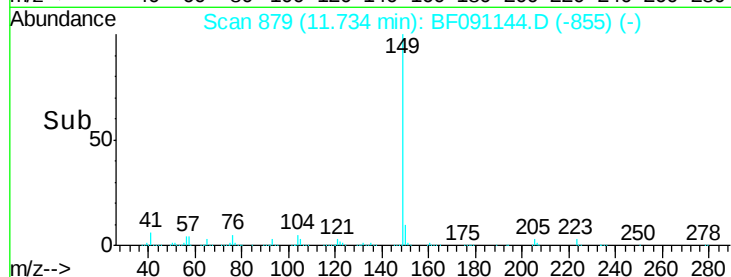
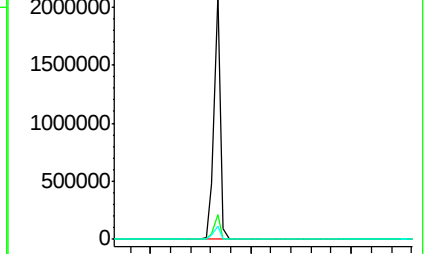
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.05 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

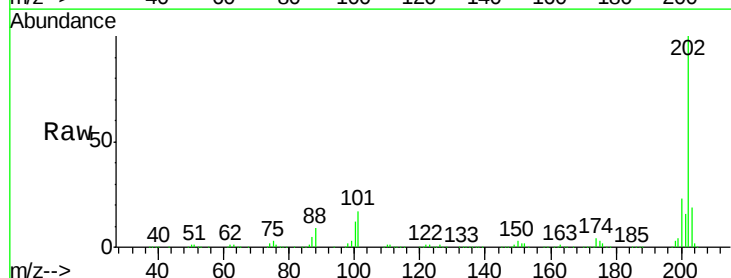
Tgt Ion:202 Resp: 1523187

Ion Ratio Lower Upper

202 100

101 17.0 0.0 37.6

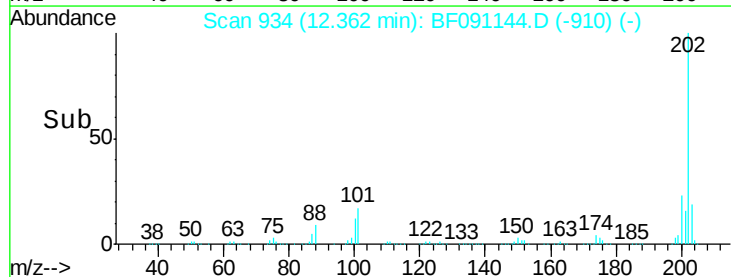
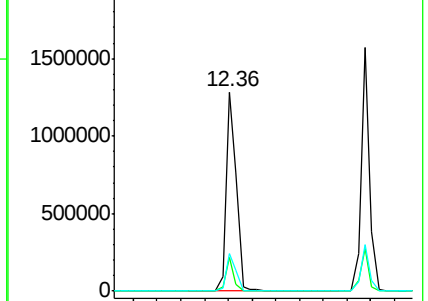
203 18.8 0.0 38.6

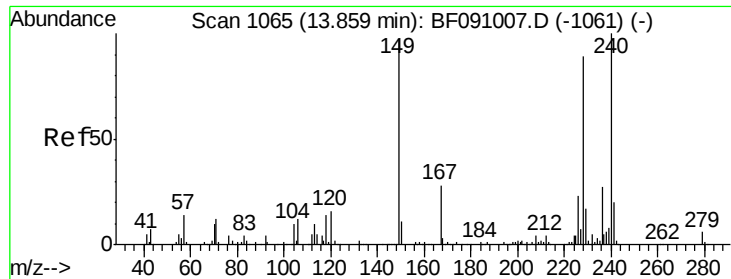


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

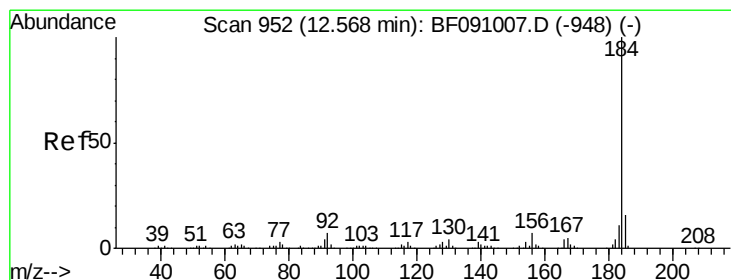
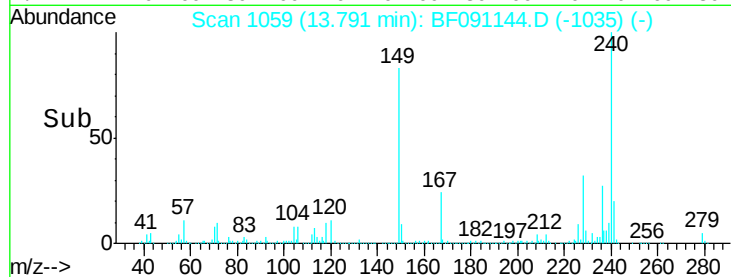
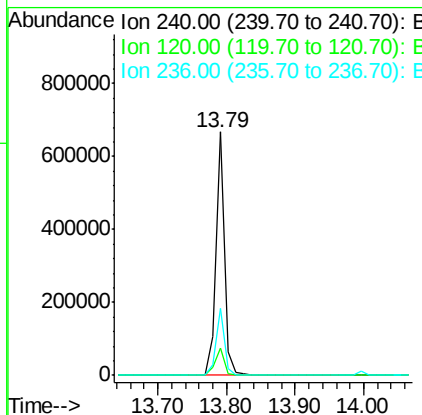
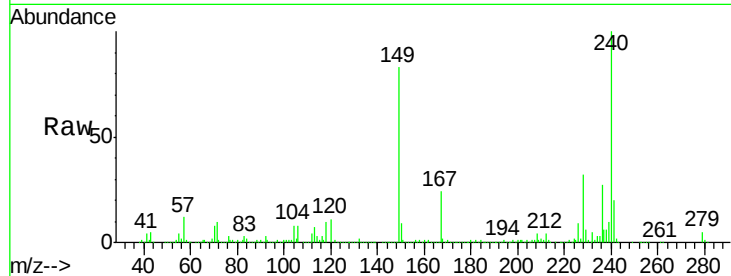
ClientSampleId :

PB94676BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	27.3	21.9	32.9

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#76

Benzidine

Concen: 46.12 ng

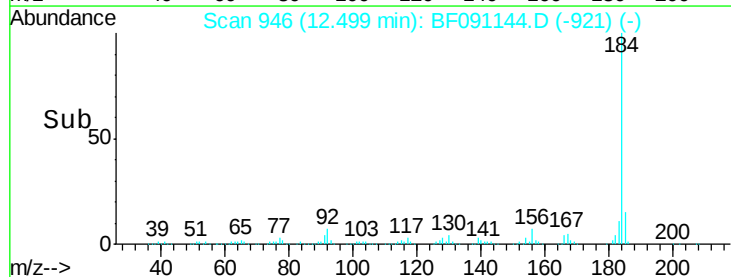
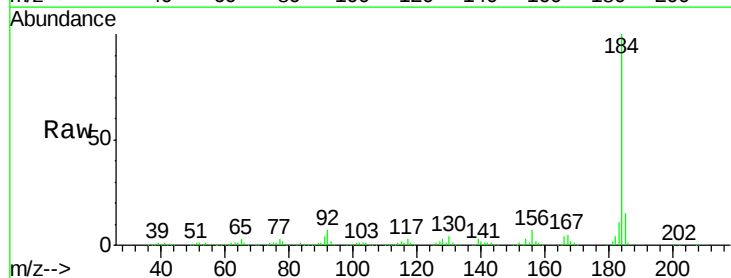
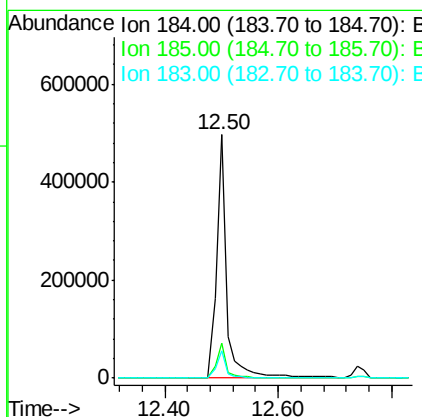
RT: 12.50 min Scan# 946

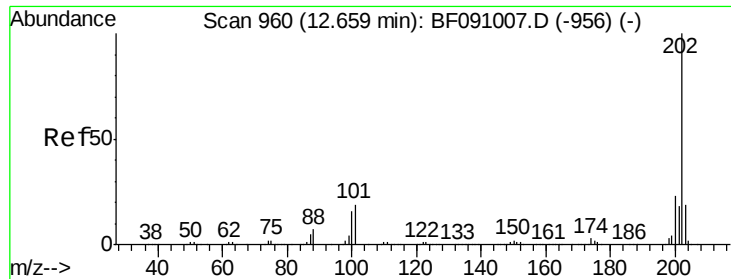
Delta R.T. -0.01 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.0	19.4
183	11.5	8.7	13.1





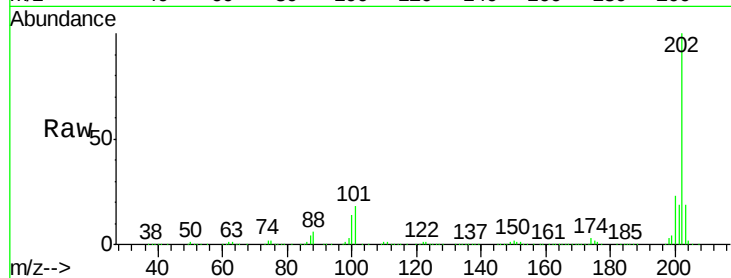
#77
Pvrene
Concen: 39.51 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

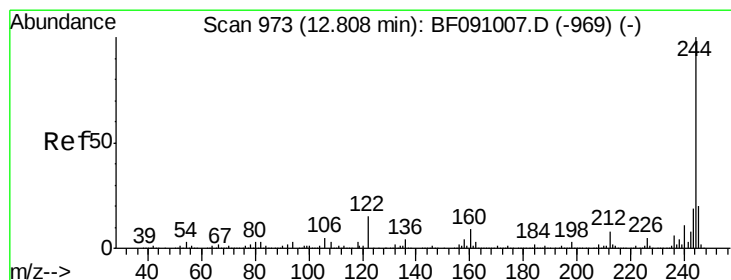
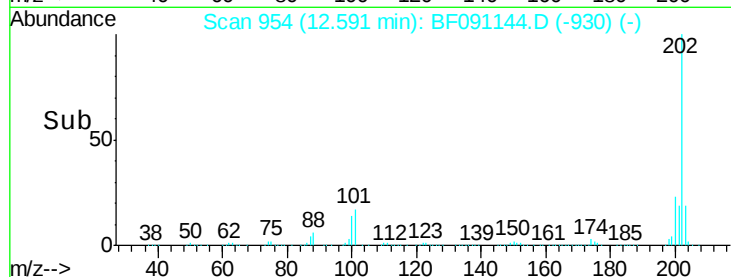
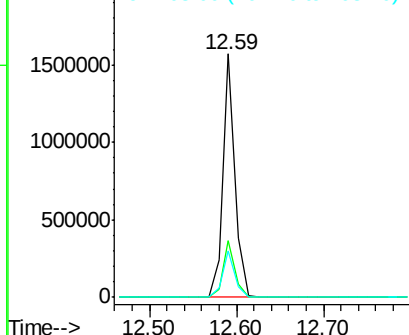
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.4	27.6
203	18.9	15.0	22.6

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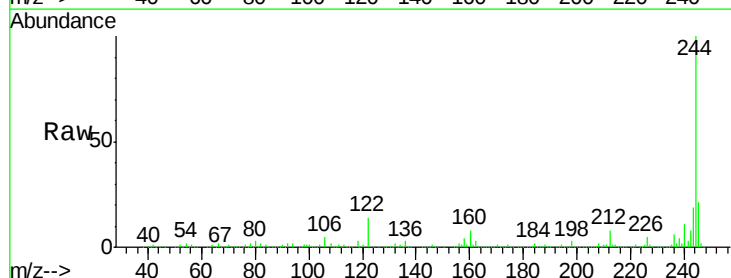


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

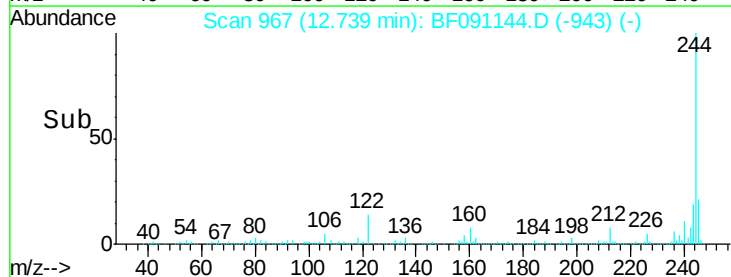
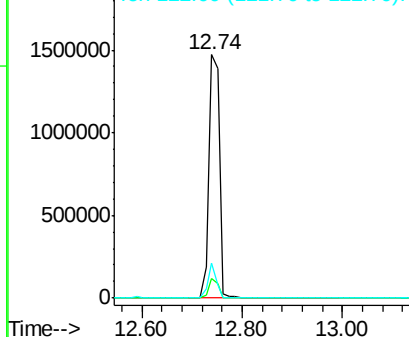


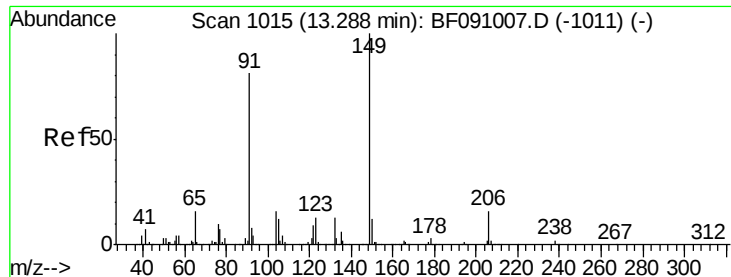
#78
Terphenyl-d14
Concen: 90.60 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	14.2	12.3	18.5



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





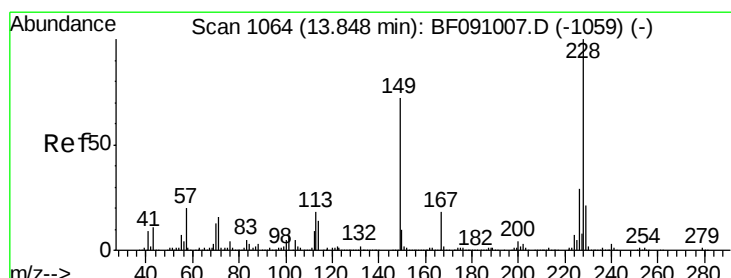
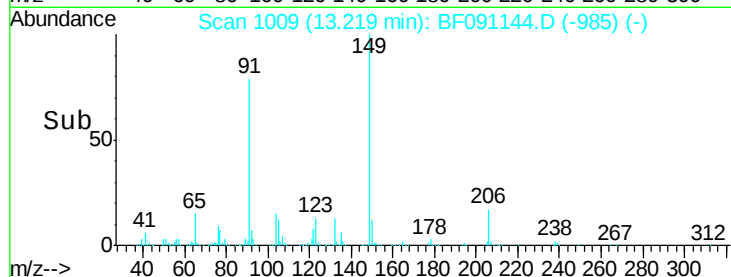
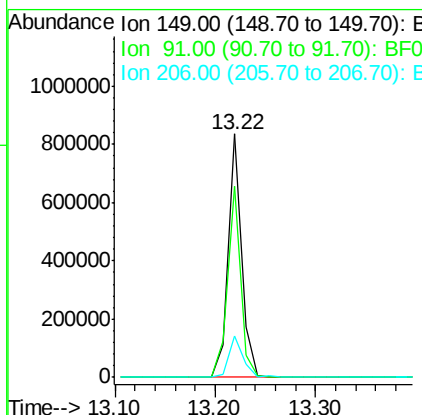
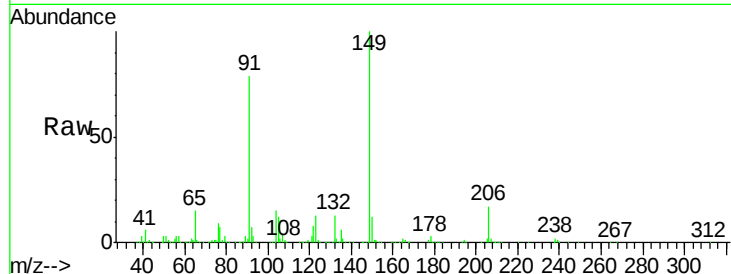
#79
Butylbenzylphthalate
Concen: 42.21 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.7	65.0	97.4
206	16.9	12.5	18.7

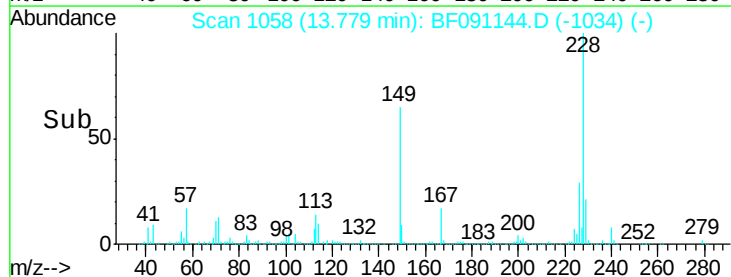
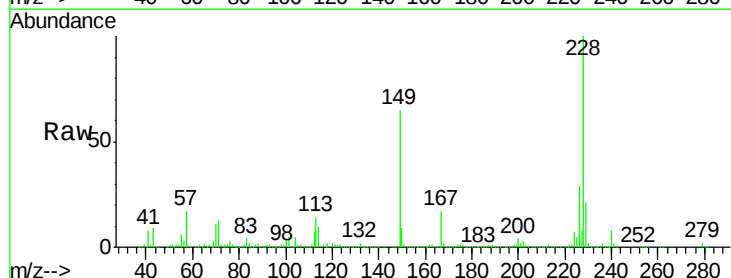
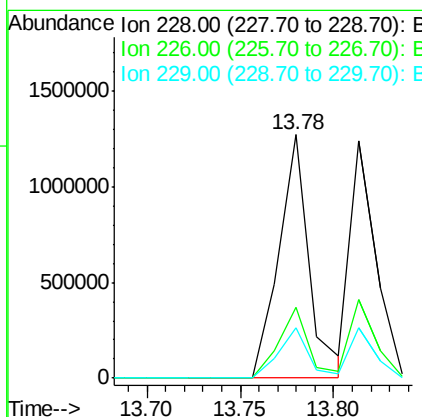
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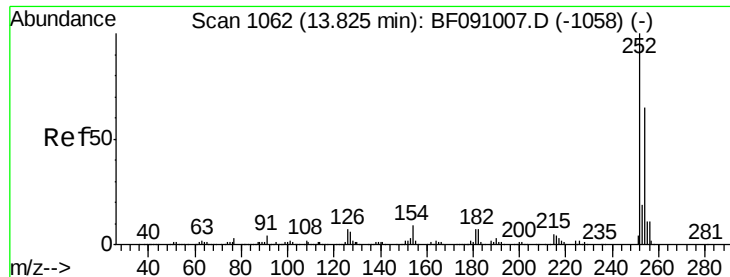
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#80
Benzo(a)anthracene
Concen: 43.08 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	20.6	16.6	24.8





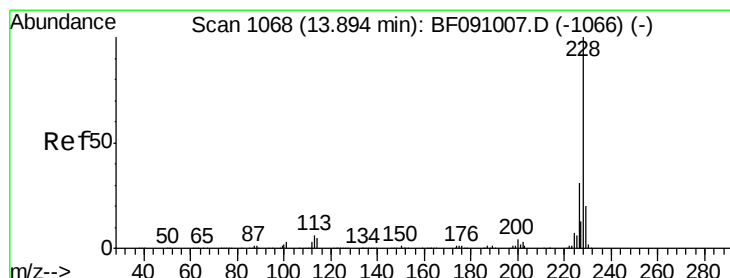
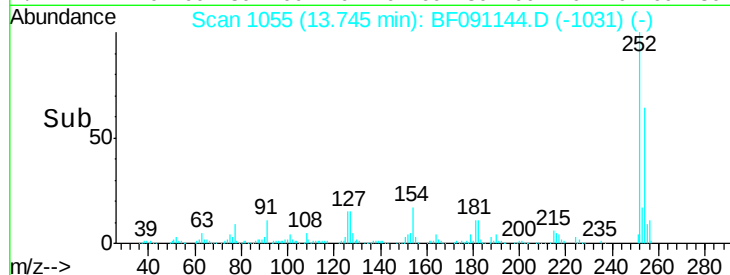
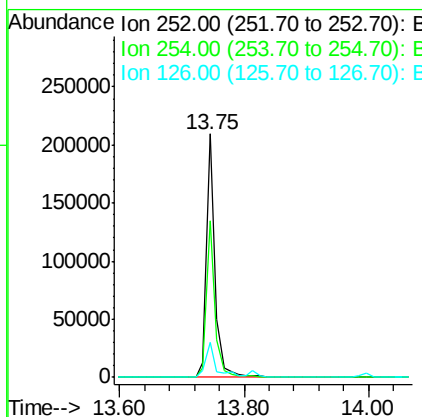
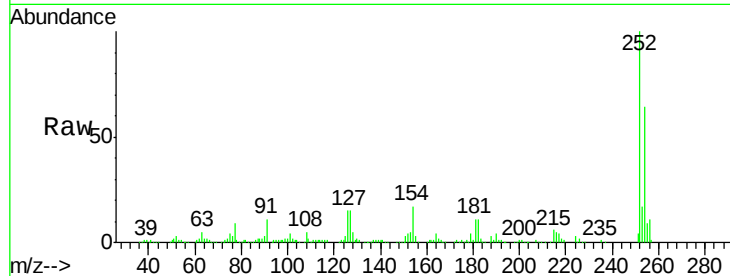
#81
 3,3'-Dichlorobenzidine
 Concen: 17.26 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	14.6	5.4	8.2

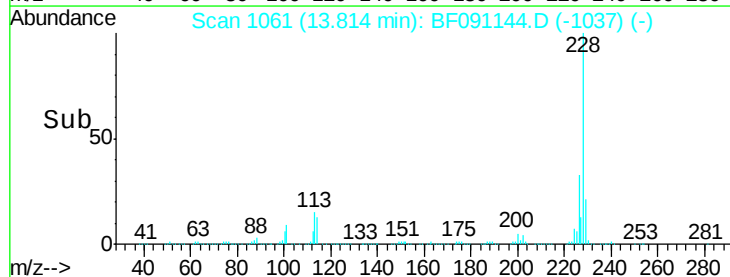
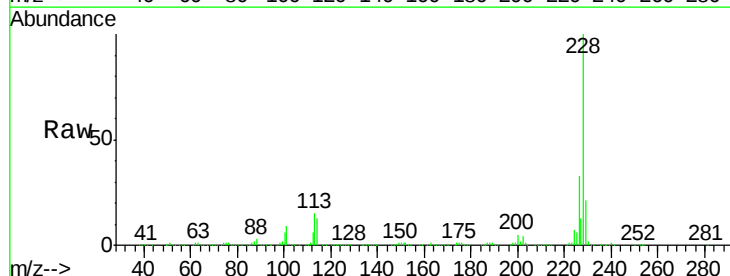
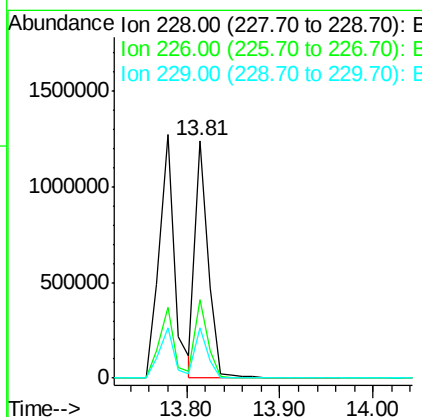
Manual Integrations
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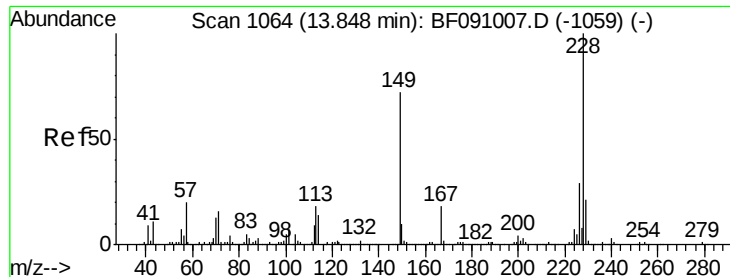
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#82
 Chrysene
 Concen: 36.83 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.9	37.3
229	21.2	15.9	23.9





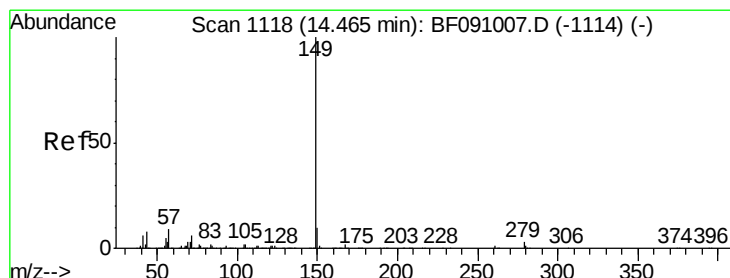
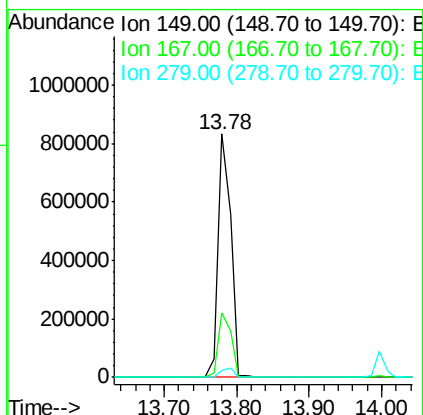
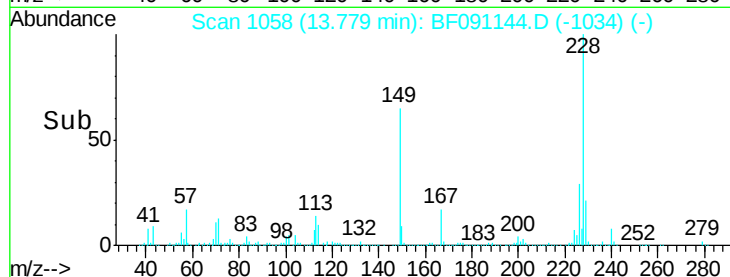
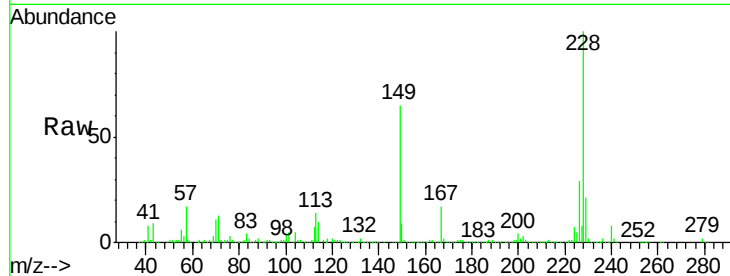
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.41 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Tot Ion:149 Resp: 1010880
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.4 30.6
 279 2.6 1.6 2.4#

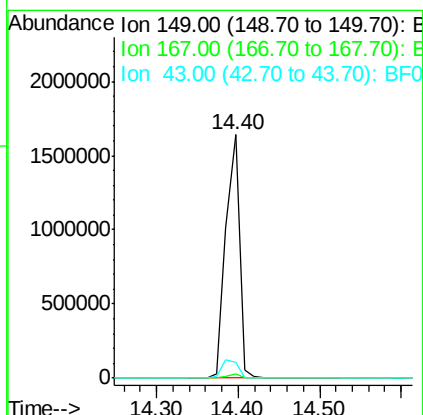
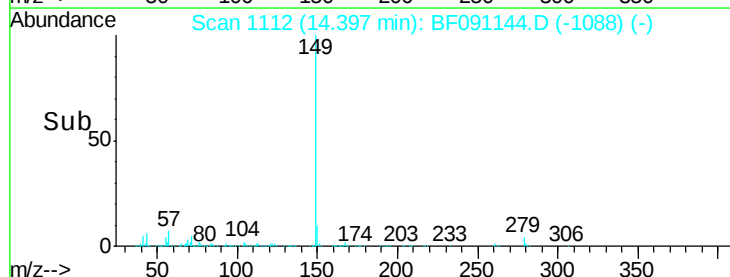
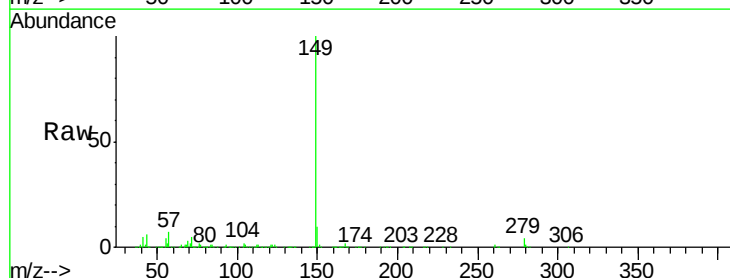
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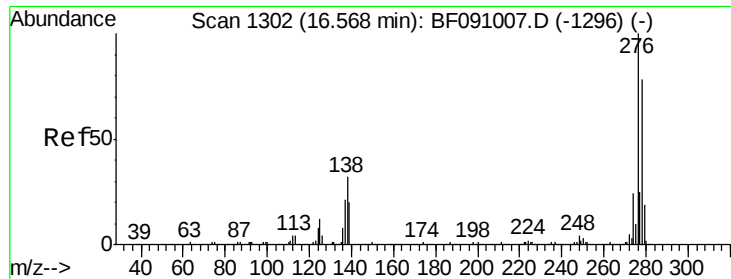
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#84
 Di-n-octyl phthalate
 Concen: 46.02 ng
 RT: 14.40 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Tgt Ion:149 Resp: 1892701
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.9 8.2 12.4





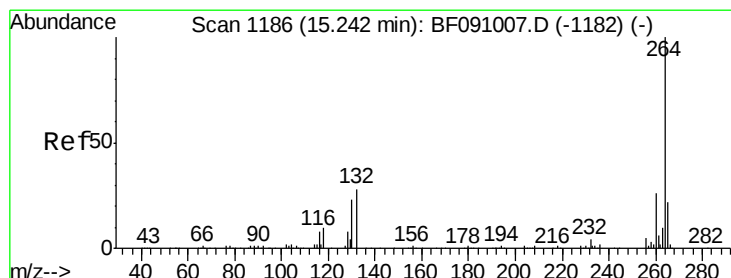
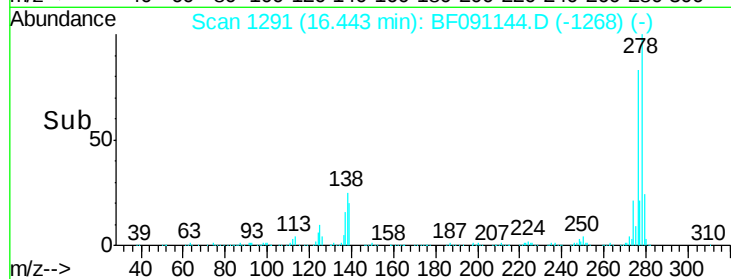
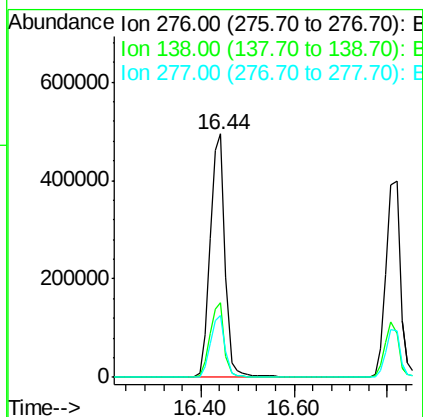
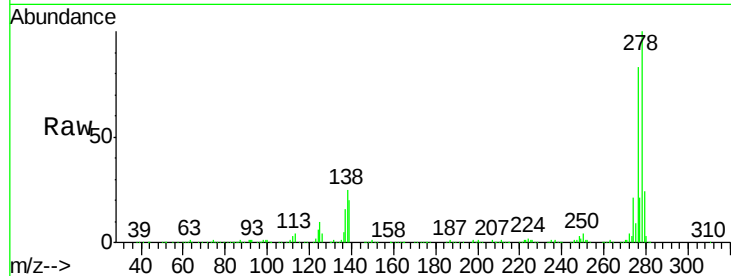
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.65 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion:276 Resp: 1114065
Ion Ratio Lower Upper
276 100
138 30.0 26.0 39.0
277 25.1 20.1 30.1

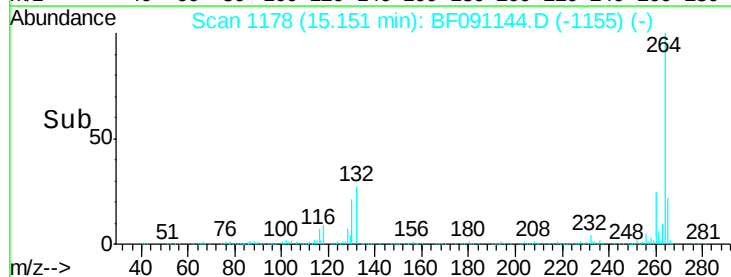
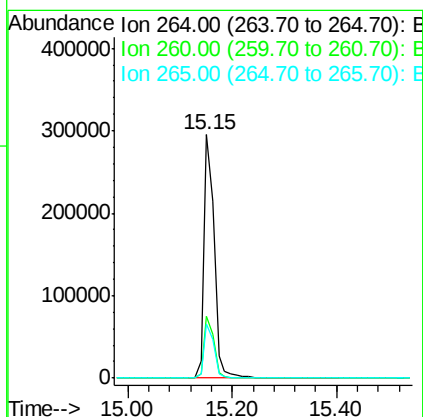
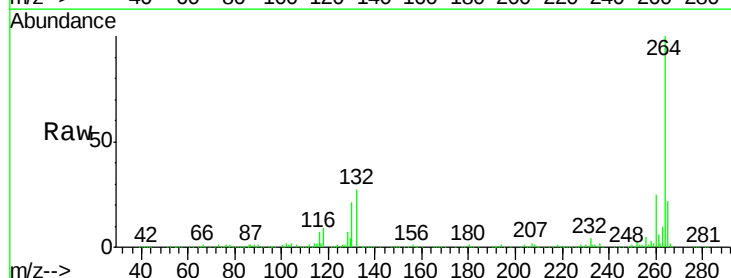
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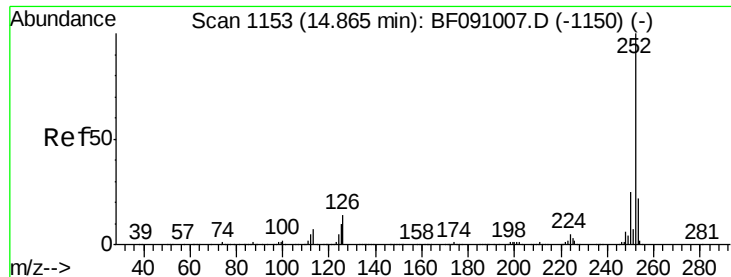
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:264 Resp: 402148
Ion Ratio Lower Upper
264 100
260 25.5 20.6 30.8
265 22.1 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 48.14 ng m

RT: 14.79 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Instrument :

BNA_F

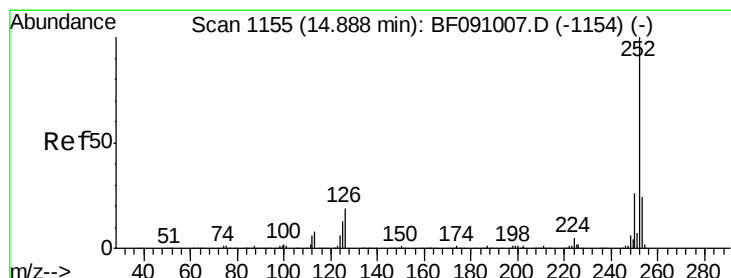
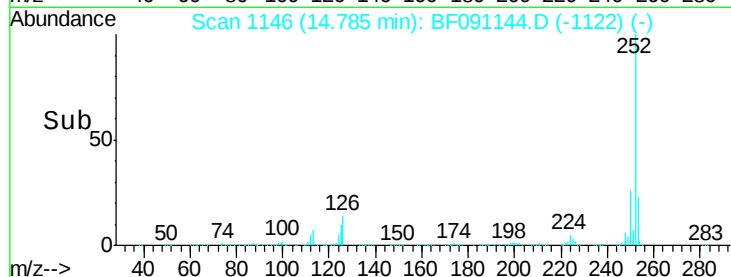
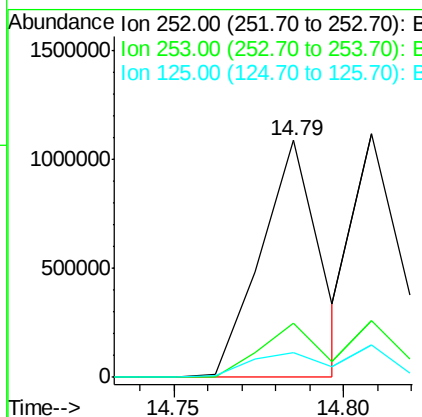
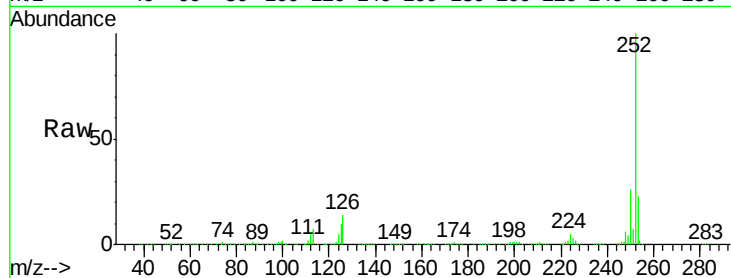
ClientSampled :

PB94676BS

Tot Ion:	252	Resp:	1313119
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.3	8.3	12.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.54 ng m

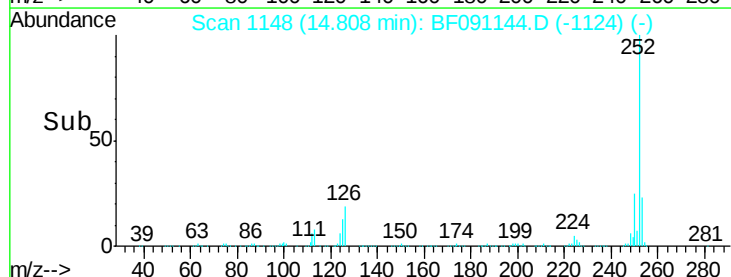
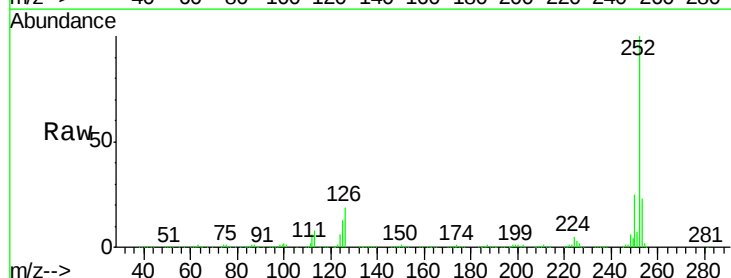
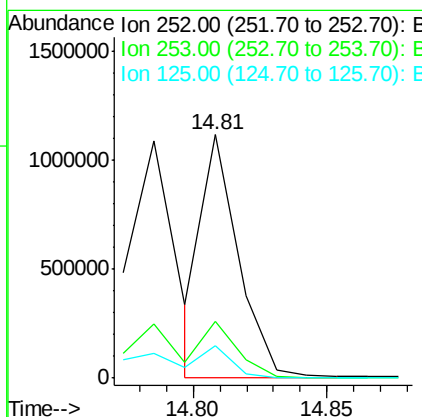
RT: 14.81 min Scan# 1148

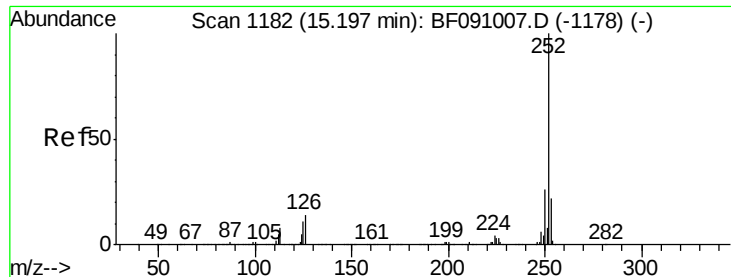
Delta R.T. -0.02 min

Lab File: BF091144.D

Acq: 11 Nov 2016 17:07

Tgt Ion:	252	Resp:	1065709
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	13.2	11.2	16.8





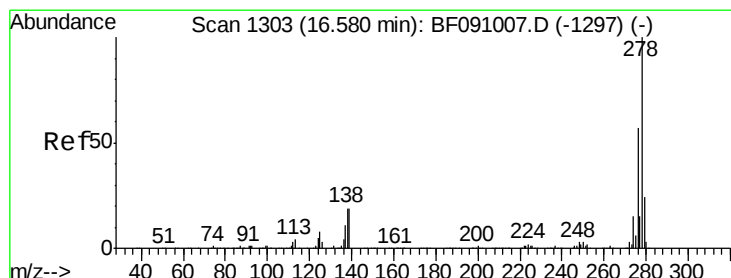
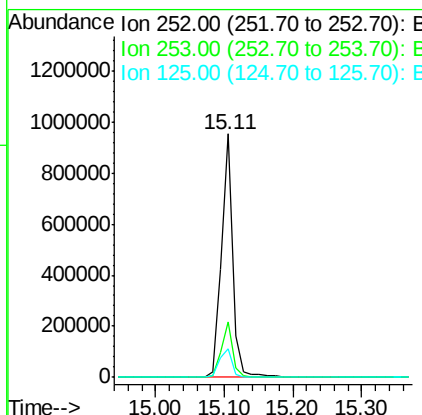
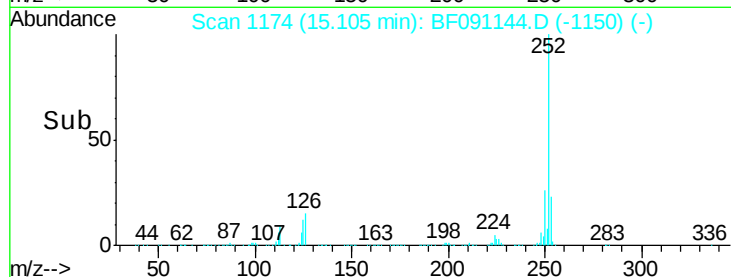
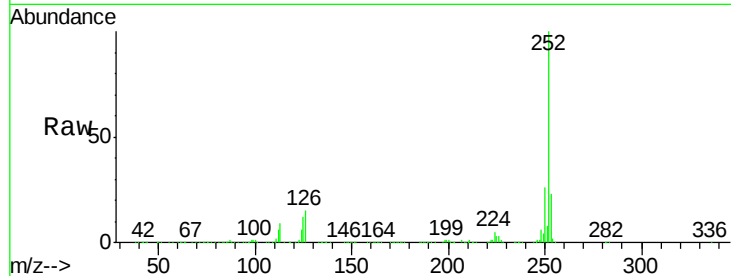
#89
Benzo(a)pyrene
Concen: 46.78 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Instrument :
BNA_F
ClientSampleId :
PB94676BS

Tot Ion:252 Resp: 1110800
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.6 8.6 13.0

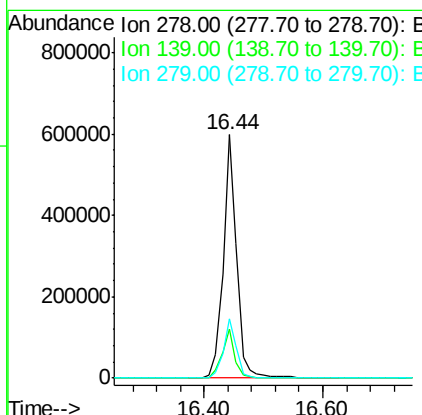
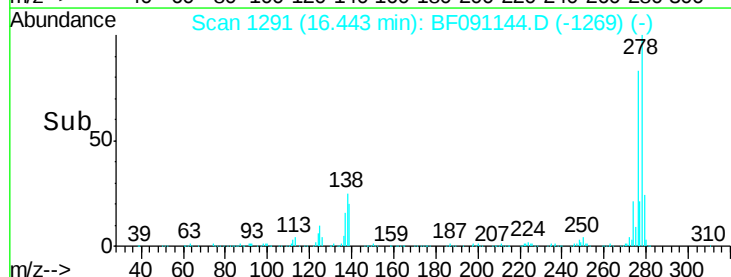
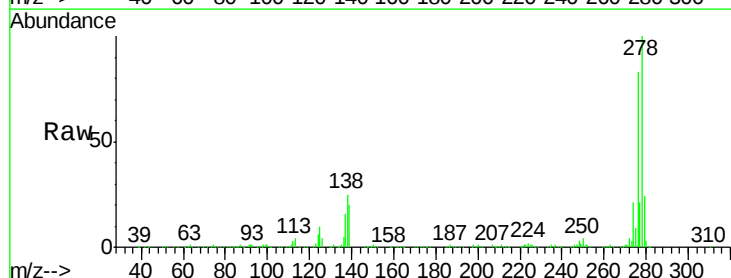
Manual Integrations
APPROVED

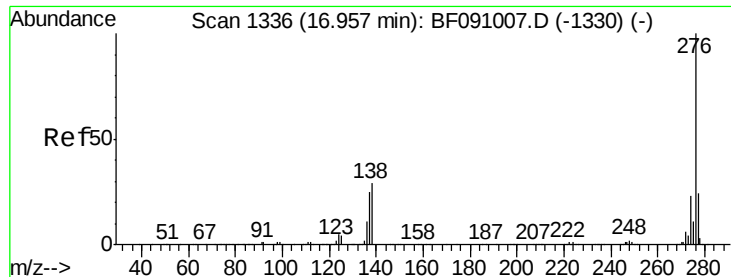
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#90
Dibenzo(a,h)anthracene
Concen: 45.62 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091144.D
Acq: 11 Nov 2016 17:07

Tgt Ion:278 Resp: 936434
Ion Ratio Lower Upper
278 100
139 20.0 15.3 22.9
279 24.2 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.13 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.03 min
 Lab File: BF091144.D
 Acq: 11 Nov 2016 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB94676BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	22.5	23.3	34.9

Manual Integrations
 APPROVED

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