

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091143.D
 Acq On : 11 Nov 2016 16:38
 Operator : UM/SJ
 Sample : PB94661BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Manual Integrations
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Quant Time: Nov 11 17:54:56 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	179722	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	774514	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	394727	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	620109	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	535516	20.00	ng	-0.02
86) Perylene-d12	15.15	264	376747	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1239779	113.93	ng	0.00
7) Phenol-d6	6.30	99	1628843	110.28	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1137464	80.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	486017	136.19	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1888840	82.38	ng	-0.02
78) Terphenyl-d14	12.74	244	1832485	85.39	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	176737	28.39	ng	# 95
3) Pyridine	2.84	79	491031	33.72	ng	96
4) n-Nitrosodimethylamine	2.81	42	182053	31.61	ng	83
6) Aniline	6.32	93	347015	19.92	ng	# 1
8) 2-Chlorophenol	6.43	128	507554	39.10	ng	91
9) Benzaldehyde	6.20	77	43331	5.29	ng	89
10) Phenol	6.32	94	710093	43.44	ng	# 62
11) bis(2-Chloroethyl)ether	6.38	93	472169	34.28	ng	95
12) 1,3-Dichlorobenzene	6.58	146	505412	38.50	ng	# 95
13) 1,4-Dichlorobenzene	6.66	146	534122	37.92	ng	96
14) 1,2-Dichlorobenzene	6.81	146	481447	37.24	ng	97
15) Benzyl Alcohol	6.80	79	399420	38.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	647160	32.81	ng	83
17) 2-Methylphenol	6.92	107	411924	40.09	ng	98
18) Hexachloroethane	7.15	117	201201	36.91	ng	91
19) n-Nitroso-di-n-propylamine	7.07	70	387112	37.82	ng	98
20) 3+4-Methylphenols	7.08	107	538788	43.67	ng	95
22) Acetophenone	7.06	105	711879	39.92	ng	# 97
24) Nitrobenzene	7.23	77	545207	34.77	ng	92
25) Isophorone	7.48	82	1070162	39.12	ng	96
26) 2-Nitrophenol	7.55	139	265098	39.95	ng	89
27) 2,4-Dimethylphenol	7.61	122	480436	43.78	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	665246	44.51	ng	99
29) 2,4-Dichlorophenol	7.80	162	420800	43.94	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	429173	39.85	ng	97
31) Naphthalene	7.95	128	1433618	38.70	ng	99
32) Benzoic acid	7.77	122	263701	32.62	ng	98
33) 4-Chloroaniline	8.02	127	144347	9.37	ng	97
34) Hexachlorobutadiene	8.08	225	246868	42.47	ng	99
35) Caprolactam	8.38	113	133151m	44.25	ng	
36) 4-Chloro-3-methylphenol	8.51	107	442820	38.19	ng	87
37) 2-Methylnaphthalene	8.65	142	1001151	42.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	408301	40.57	ng	99
40) Hexachlorocyclopentadiene	8.80	237	364407	92.21	ng	97

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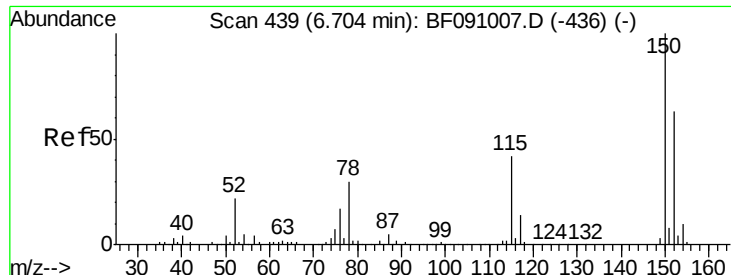
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	277510	42.71	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	287017	42.08	nq	# 90
45) 1,1'-Biphenyl	9.10	154	1113637	38.64	nq	98
46) 2-Chloronaphthalene	9.13	162	862605	39.42	nq	97
47) 2-Nitroaniline	9.24	65	313480	38.60	nq	# 80
48) Acenaphthylene	9.54	152	1282373	37.60	nq	100
49) Dimethylphthalate	9.42	163	1097330	42.40	nq	98
50) 2,6-Dinitrotoluene	9.48	165	234757	42.32	nq	# 80
51) Acenaphthene	9.71	154	789928	36.89	nq	99
52) 3-Nitroaniline	9.65	138	105385	16.02	nq	86
53) 2,4-Dinitrophenol	9.77	184	227467	75.65	nq	94
54) Dibenzofuran	9.88	168	1197089	41.54	nq	97
55) 4-Nitrophenol	9.84	139	282111	65.52	nq	87
56) 2,4-Dinitrotoluene	9.89	165	306817	43.47	nq	# 84
57) Fluorene	10.22	166	853393	36.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	222391	41.62	nq	99
59) Diethylphthalate	10.12	149	1089482	41.06	nq	97
60) 4-Chlorophenyl-phenylether	10.22	204	473807	44.19	nq	93
61) 4-Nitroaniline	10.27	138	240114	36.08	nq	96
62) Azobenzene	10.38	77	1260318	40.34	nq	94
64) 4,6-Dinitro-2-methylphenol	10.29	198	147889	38.95	nq	# 21
65) n-Nitrosodiphenylamine	10.35	169	891118	45.21	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	264864	41.06	nq	# 66
67) Hexachlorobenzene	10.77	284	291645	41.00	nq	95
68) Atrazine	10.88	200	241953	42.55	nq	95
69) Pentachlorophenol	10.98	266	287947	91.39	nq	100
70) Phenanthrene	11.18	178	1346648	40.85	nq	100
71) Anthracene	11.24	178	1362393	38.87	nq	98
72) Carbazole	11.40	167	1179464	37.34	nq	# 96
73) Di-n-butylphthalate	11.73	149	1656048	41.69	nq	99
74) Fluoranthene	12.36	202	1284871	37.58	nq	98
76) Benzidine	12.50	184	459043	38.37	nq	97
77) Pyrene	12.59	202	1310363	37.36	nq	100
79) Butylbenzylphthalate	13.22	149	651734	38.85	nq	94
80) Benzo(a)anthracene	13.78	228	1106399	36.39	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	182752	17.11	nq	# 98
82) Chrysene	13.81	228	1076989m	35.92	nq	
83) Bis(2-ethylhexyl)phthalate	13.78	149	779810	34.35	nq	# 99
84) Di-n-octyl phthalate	14.40	149	1416074	37.94	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.43	276	868155	34.90	nq	96
87) Benzo(b)fluoranthene	14.79	252	1109581m	43.42	nq	
88) Benzo(k)fluoranthene	14.81	252	845915m	37.74	nq	
89) Benzo(a)pyrene	15.11	252	879465	39.54	nq	98
90) Dibenzo(a,h)anthracene	16.44	278	734932	38.22	nq	# 96
91) Benzo(g,h,i)perylene	16.81	276	678313	39.00	nq	95

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



#1

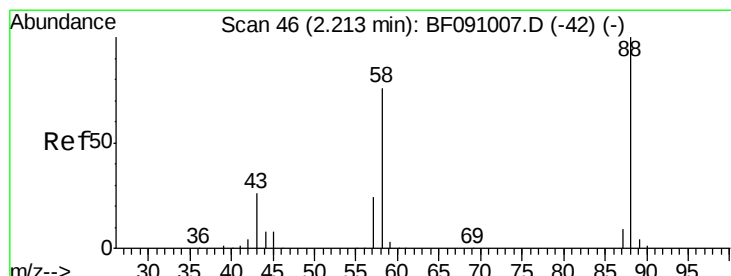
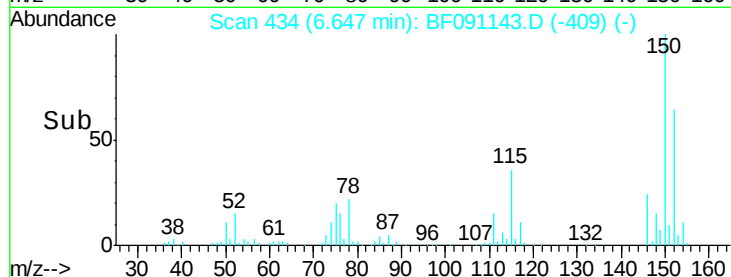
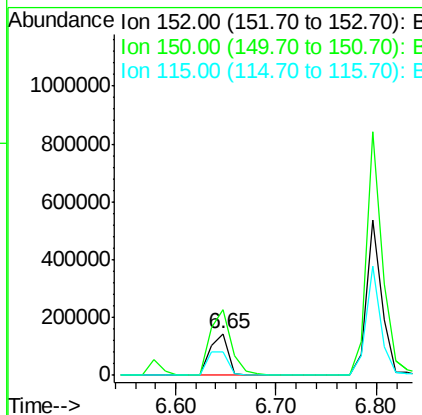
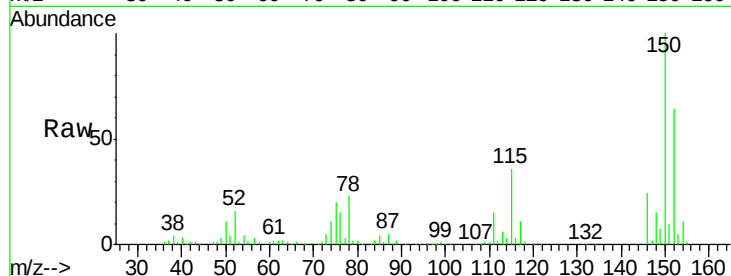
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.8	190.2
115	56.6	53.3	79.9

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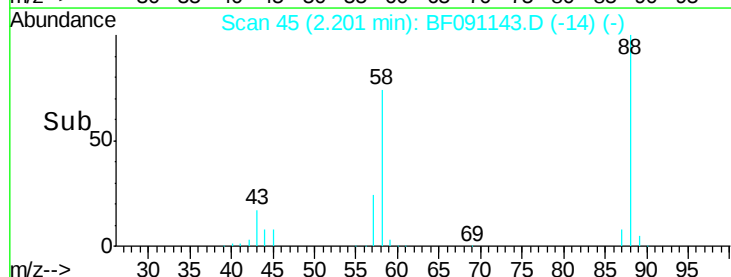
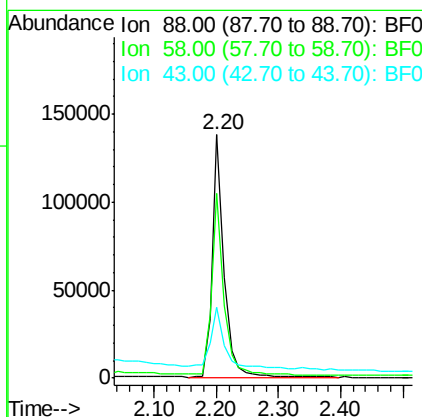
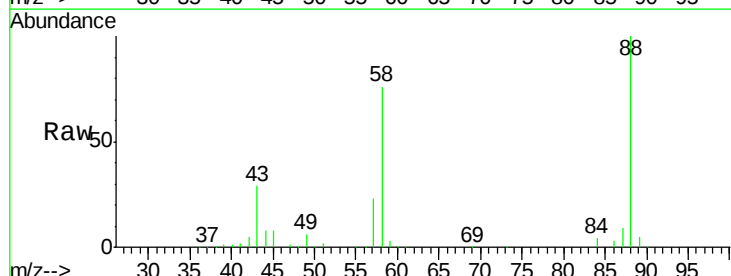
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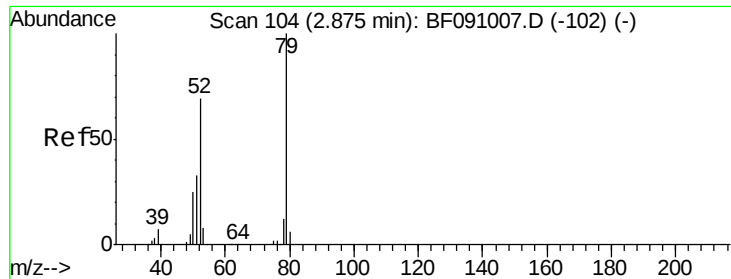


#2

1,4-Dioxane
Concen: 28.39 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	63.8	95.6
43	34.6	22.6	33.8





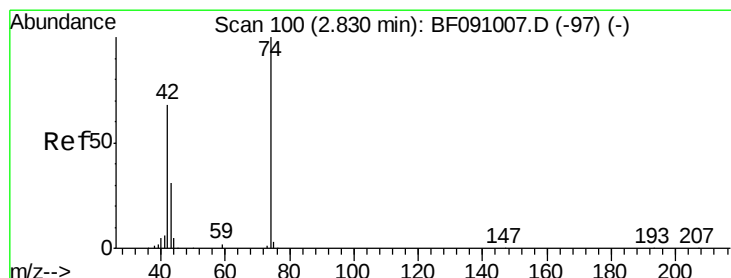
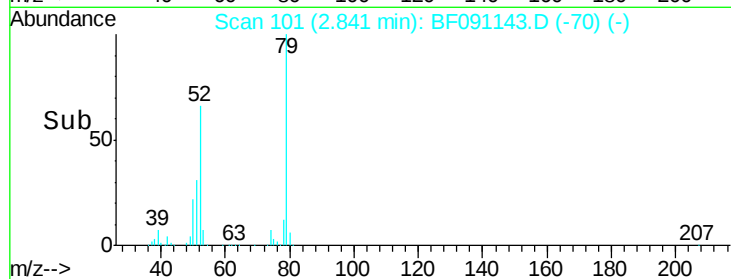
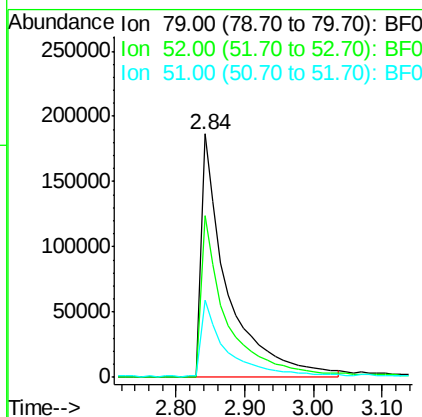
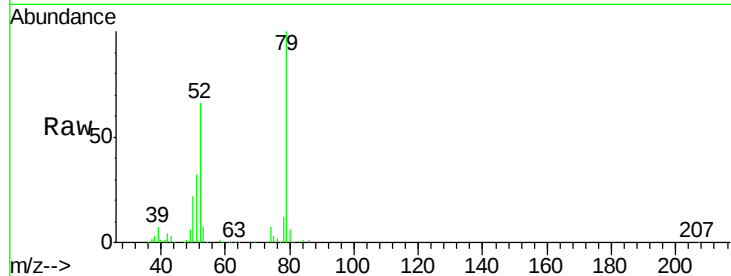
#3
 Pvridine
 Concen: 33.72 ng
 RT: 2.84 min Scan# 101
 Delta R.T. 0.06 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		491031		
52	66.3	55.4	83.0		
51	31.7	27.4	41.0		

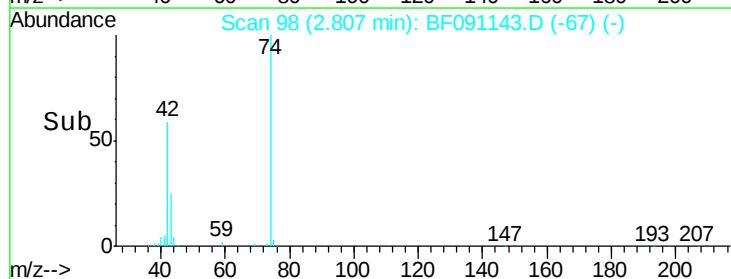
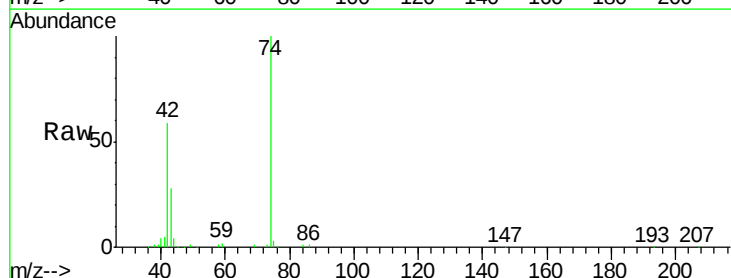
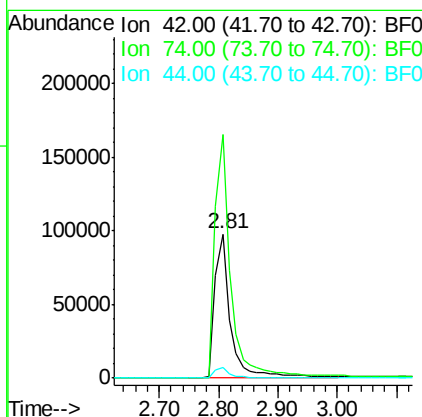
Manual Integrations
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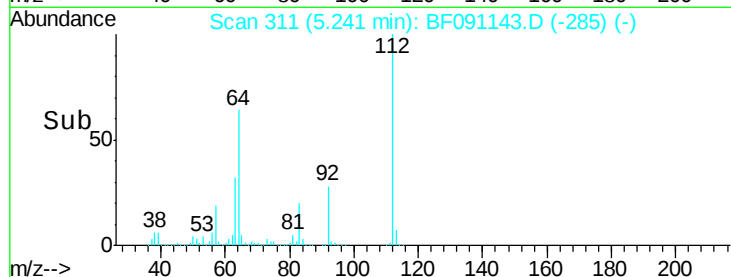
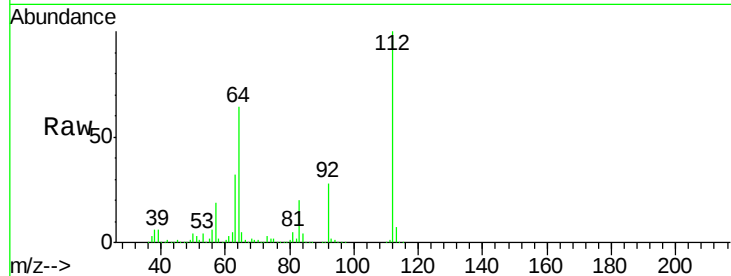
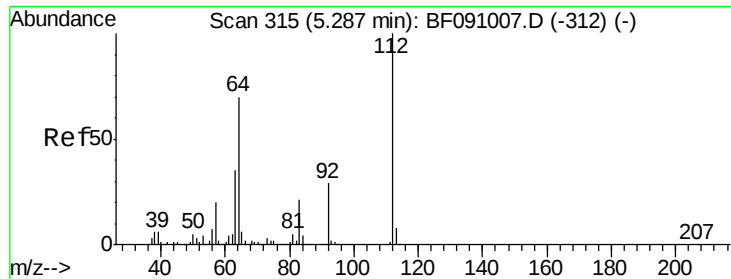
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#4
 n-Nitrosodimethylamine
 Concen: 31.61 ng
 RT: 2.81 min Scan# 98
 Delta R.T. 0.06 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		182053		
74	168.9	117.3	175.9		
44	7.4	5.8	8.8		





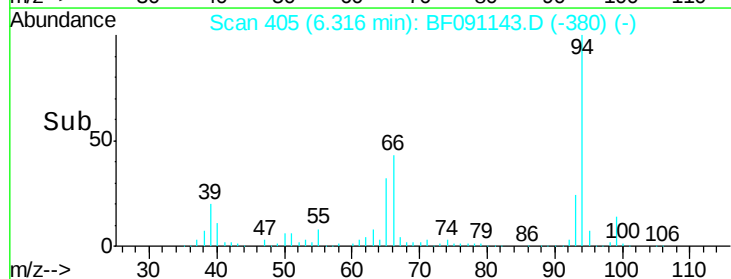
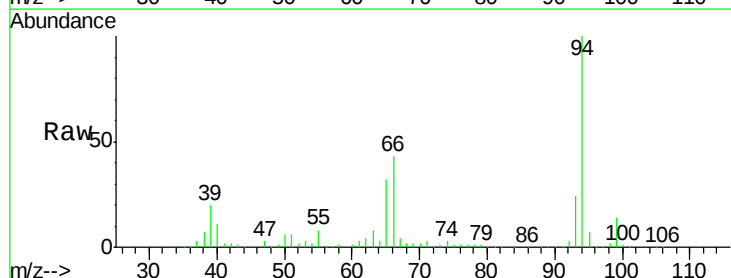
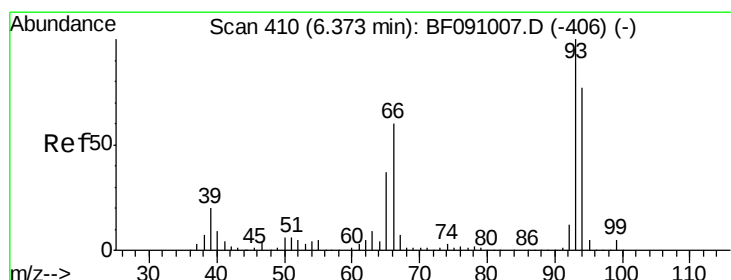
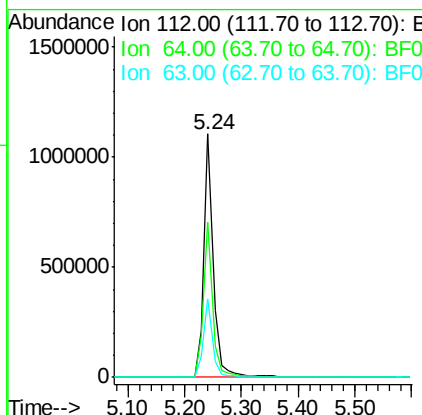
#5
2-Fluorophenol
Concen: 113.93 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.7	55.8	83.6
63	32.2	28.0	42.0

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

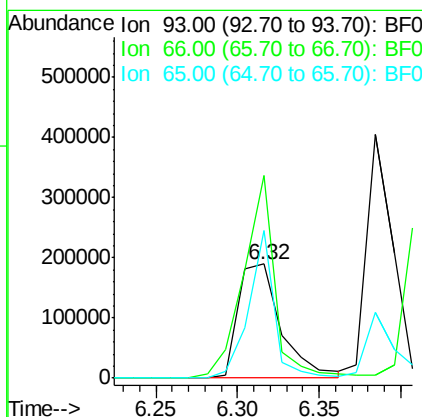
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#6
Aniline
Concen: 19.92 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
93	100		
66	177.5	48.2	72.2#
65	129.8	29.4	44.0#





#7

Phenol-d6

Concen: 110.28 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB94661BSD

Tot Ion: 99 Resp: 1628843

Ion Ratio Lower Upper

99 100

42 16.3 13.9 20.9

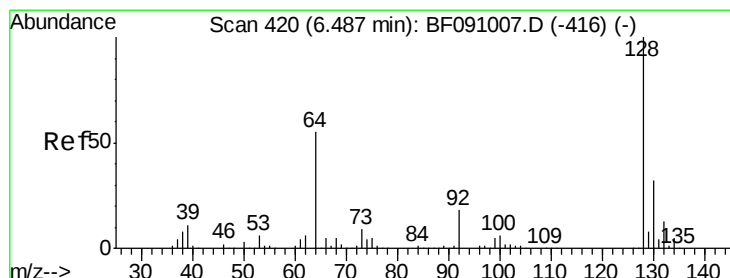
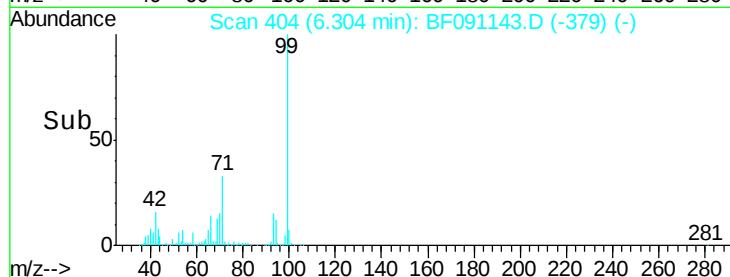
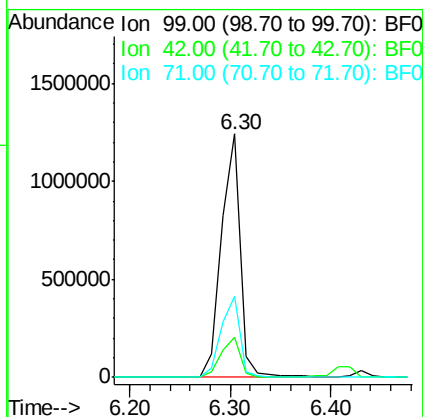
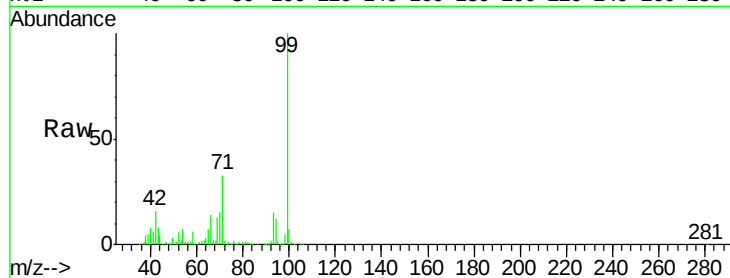
71 33.4 27.8 41.8

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#8

2-Chlorophenol

Concen: 39.10 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

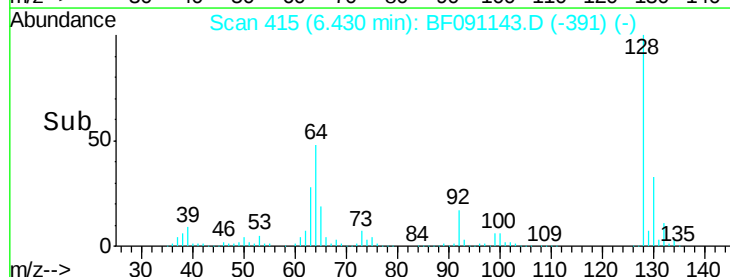
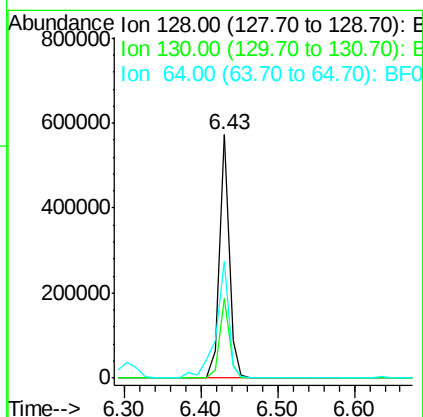
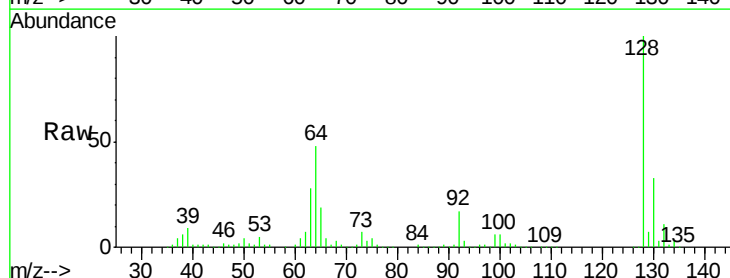
Tgt Ion: 128 Resp: 507554

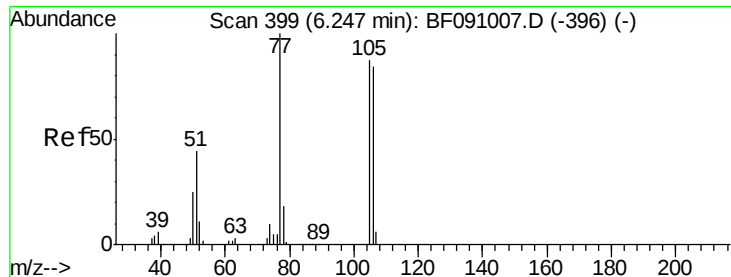
Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

64 48.0 37.2 77.2





#9

Benzaldehyde

Concen: 5.29 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

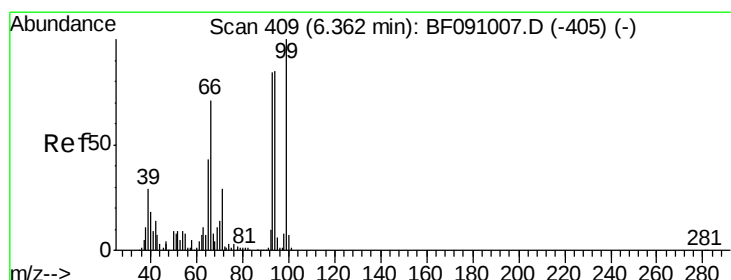
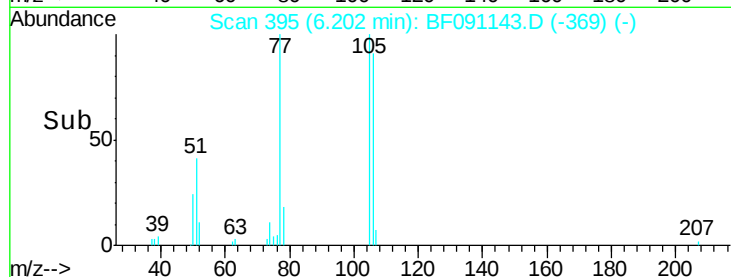
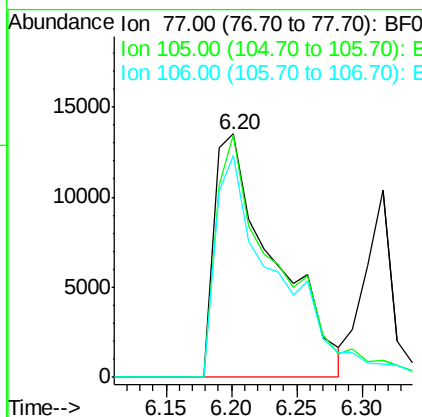
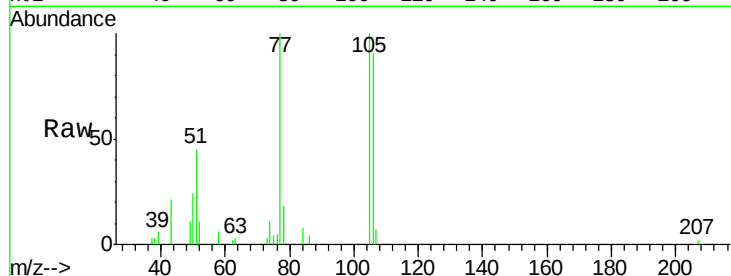
ClientSampleId :

PB94661BSD

Tot Ion:	77	Resp:	43331
Ion Ratio	Lower	Upper	
77	100		
105	99.6	66.8	106.8
106	91.1	64.0	104.0

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#10

Phenol

Concen: 43.44 ng

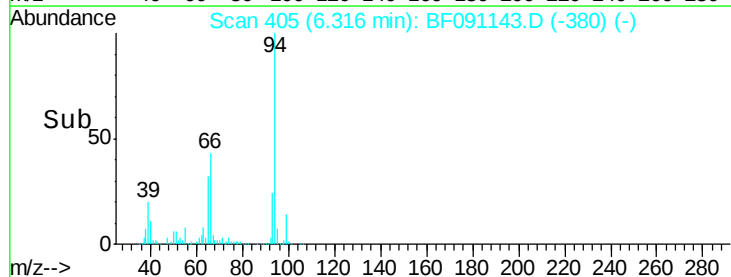
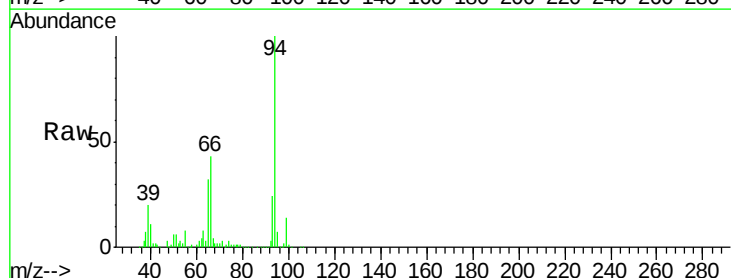
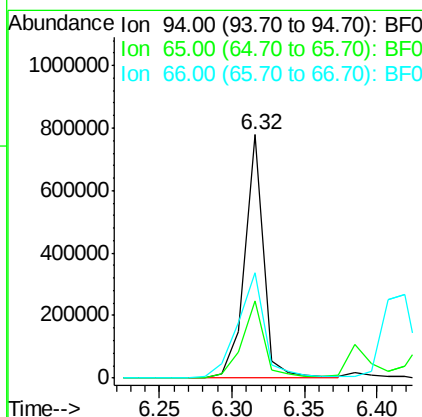
RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Tgt Ion:	94	Resp:	710093
Ion Ratio	Lower	Upper	
94	100		
65	31.6	30.4	70.4
66	43.2	62.9	102.9#





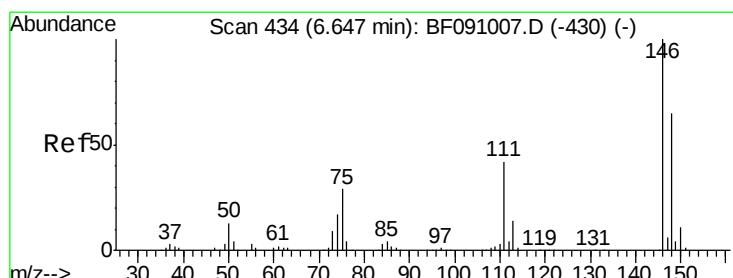
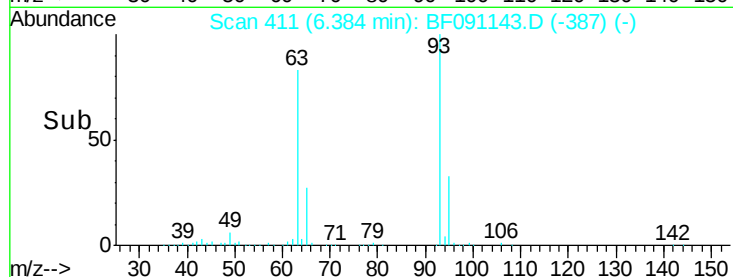
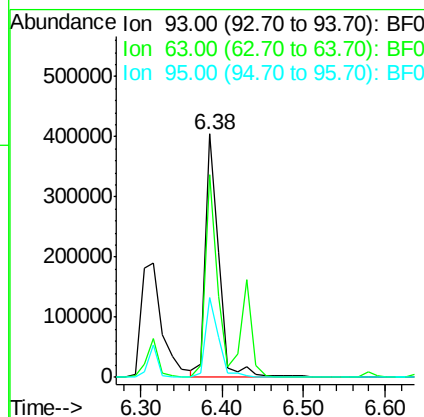
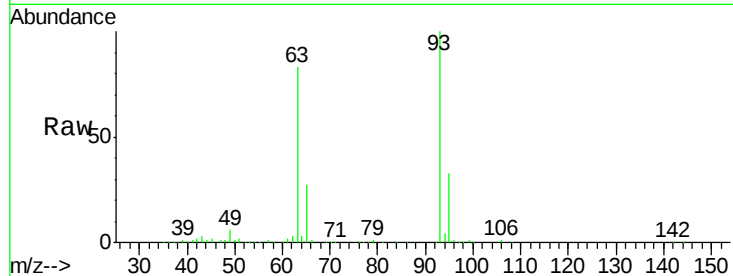
#11
bis(2-Chloroethyl)ether
Concen: 34.28 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampled :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	68.9	108.9
95	32.6	12.3	52.3

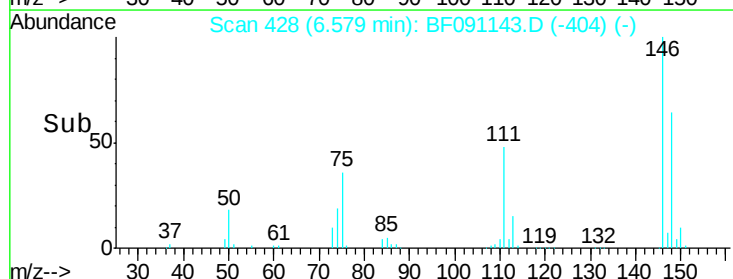
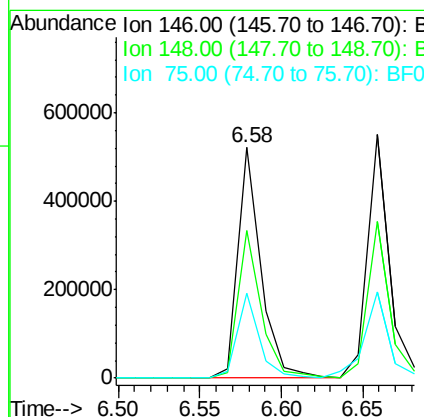
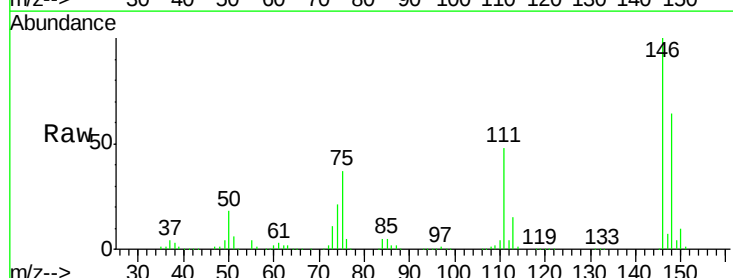
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#12
1,3-Dichlorobenzene
Concen: 38.50 ng
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.0	78.0
75	36.7	23.0	34.6#





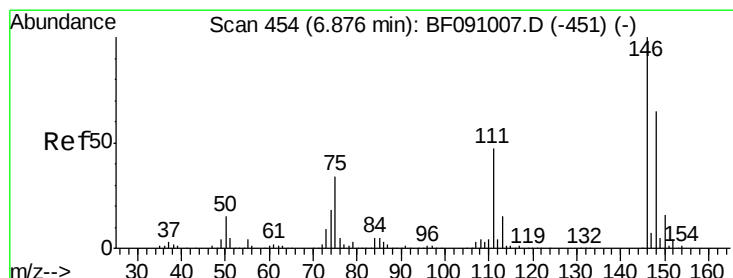
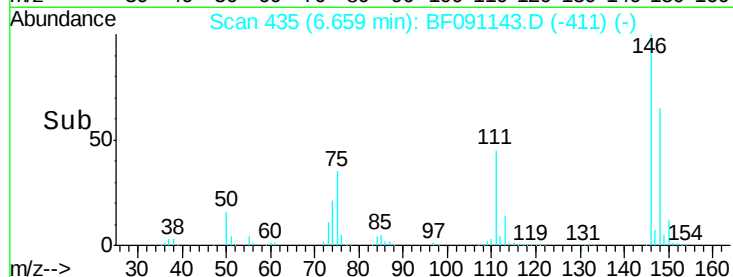
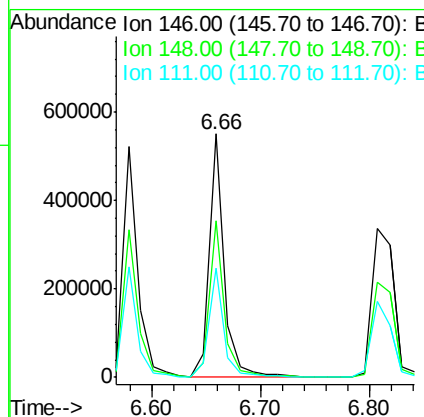
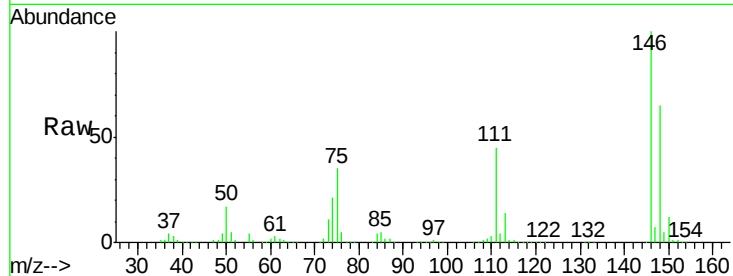
#13
1,4-Dichlorobenzene
Concen: 37.92 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	44.7	31.6	47.4

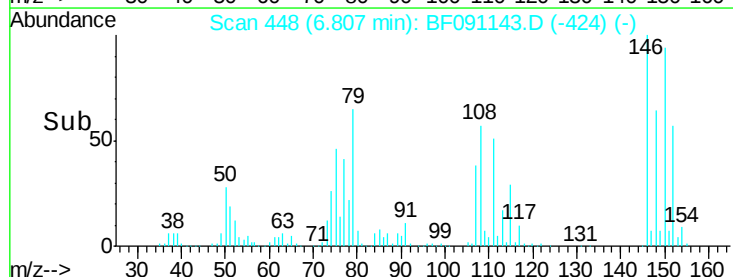
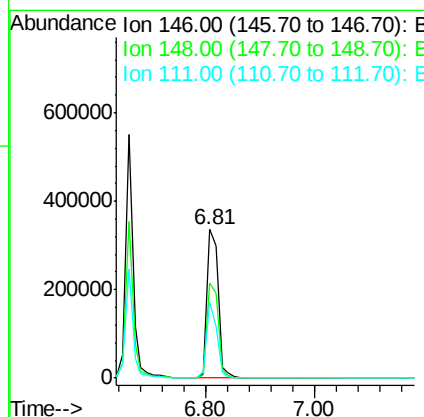
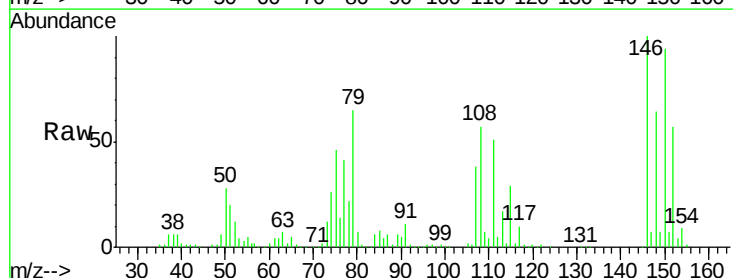
Manual Integrations
APPROVED

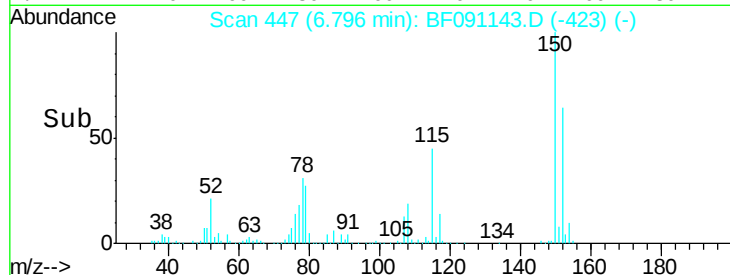
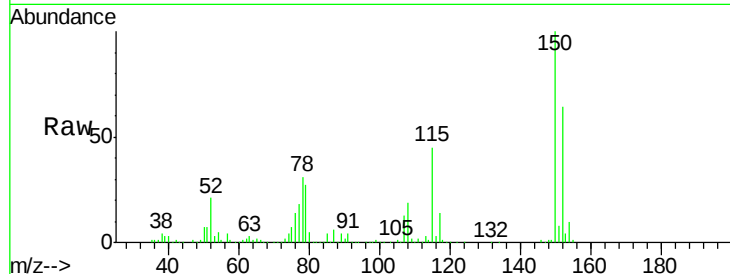
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#14
1,2-Dichlorobenzene
Concen: 37.24 ng
RT: 6.81 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	50.7	37.3	55.9





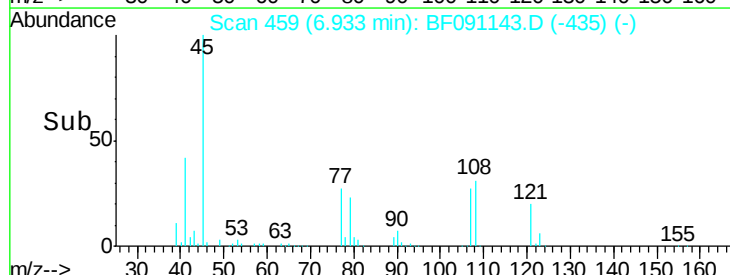
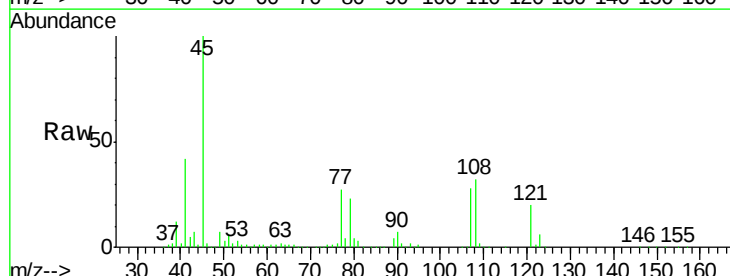
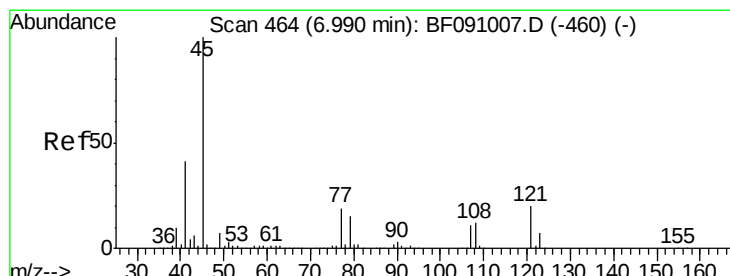
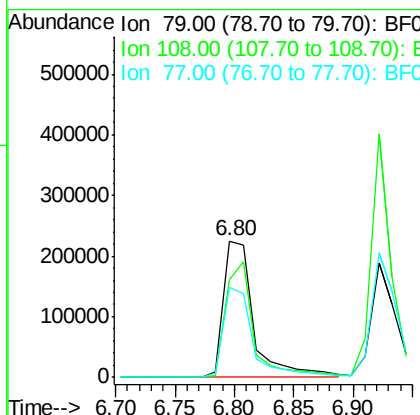
#15
Benzyl Alcohol
Concen: 38.34 ng
RT: 6.80 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.6	55.7	83.5
77	66.4	52.6	79.0

Instrument :
BNA_F
ClientSampled :
PB94661BSD

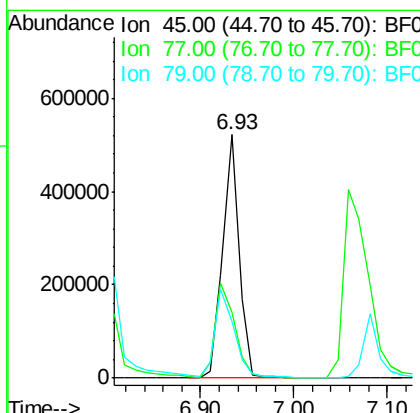
Manual Integrations
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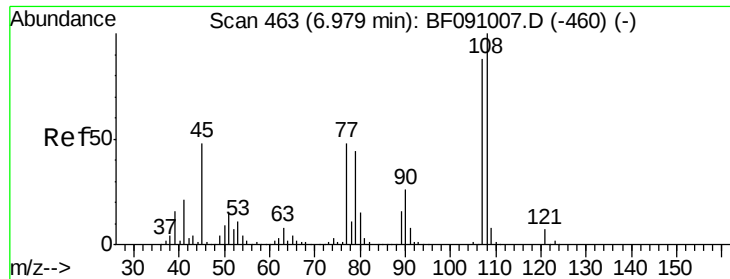
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.81 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.1	0.0	39.6
79	23.3	0.0	35.9





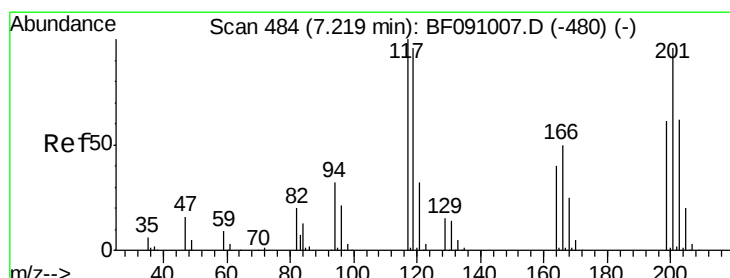
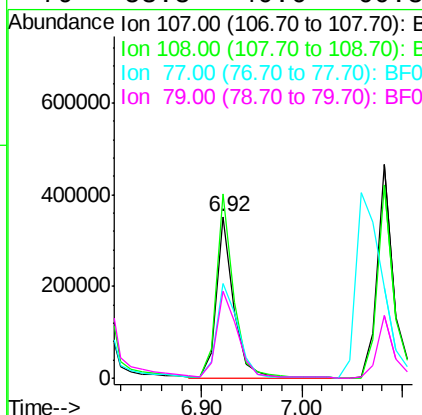
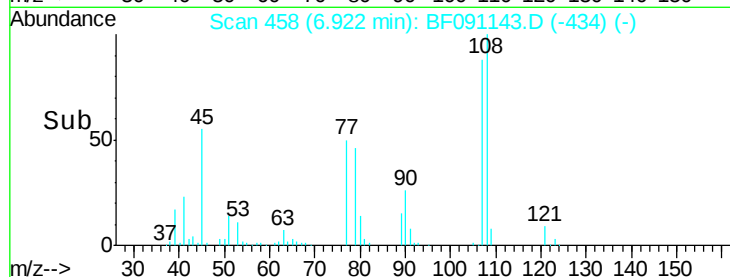
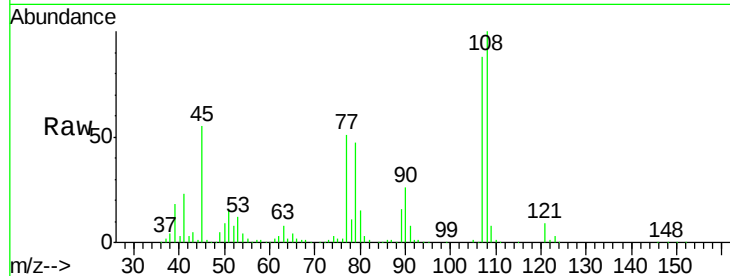
#17
2-Methylphenol
Concen: 40.09 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion:	107	Resp:	411924
Ion Ratio	Lower	Upper	
107	100		
108	114.3	91.0	136.6
77	58.4	43.8	65.8
79	53.8	40.6	60.8

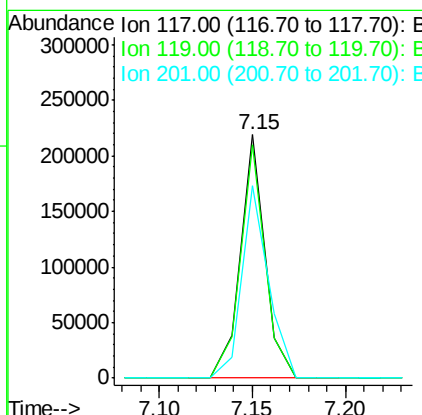
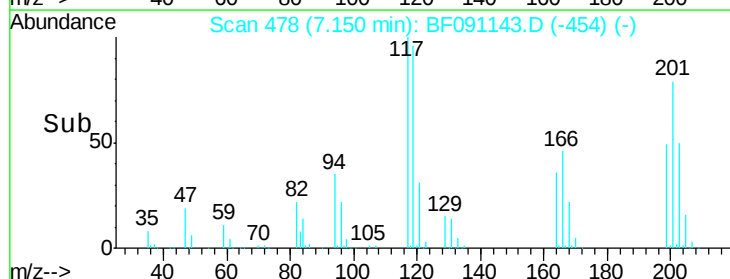
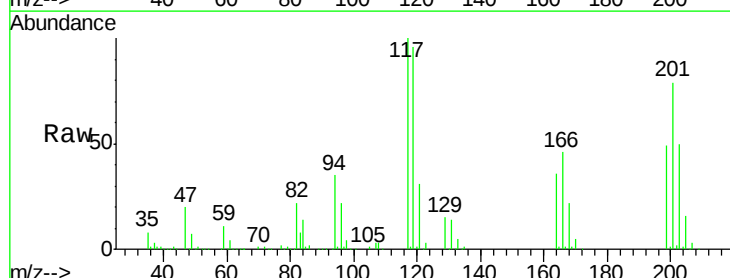
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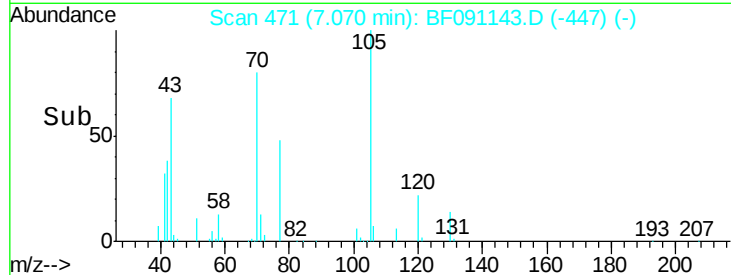
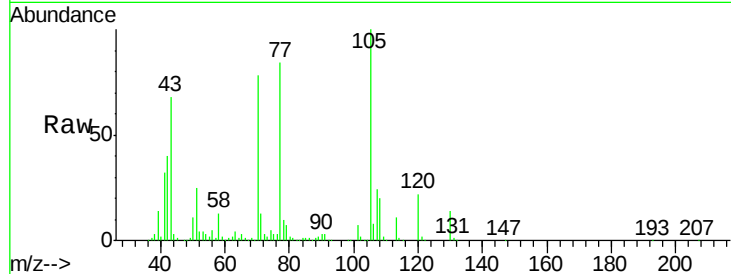
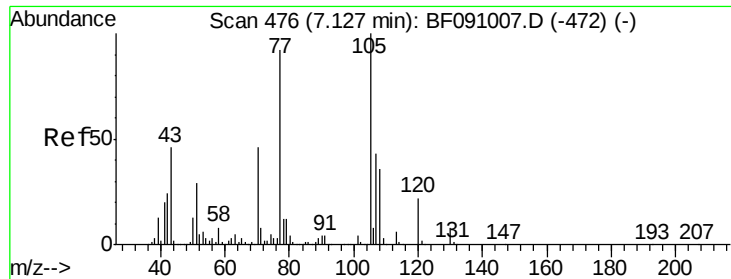
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#18
Hexachloroethane
Concen: 36.91 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion:	117	Resp:	201201
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.6	115.0
201	79.0	77.1	115.7





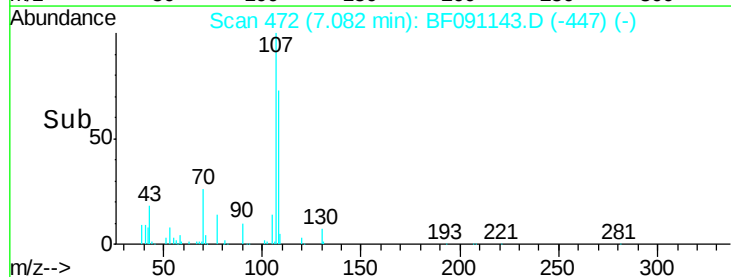
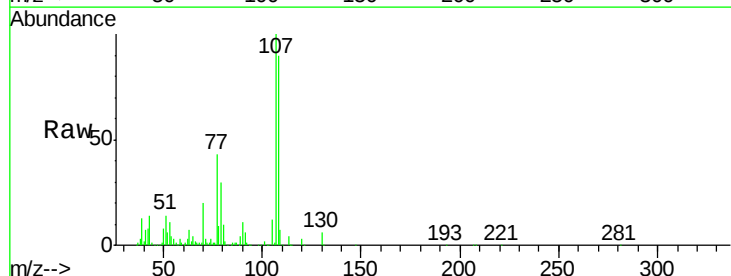
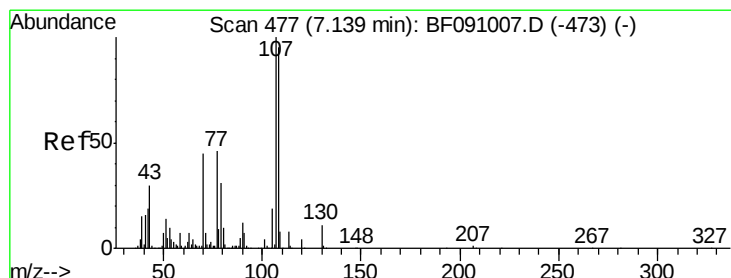
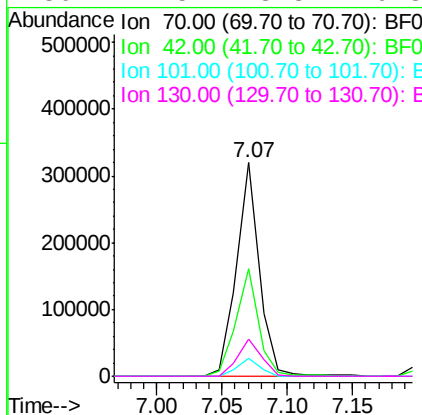
#19
n-Nitroso-di-n-propylamine
Concen: 37.82 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.5	41.7	62.5
101	8.6	6.7	10.1
130	17.5	13.8	20.8

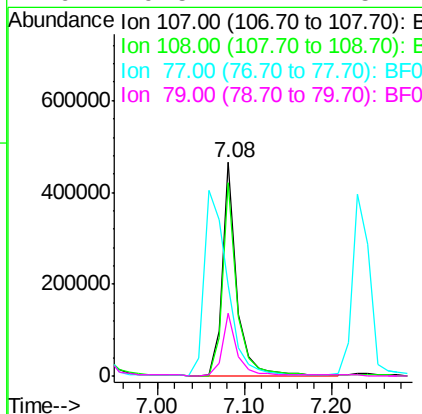
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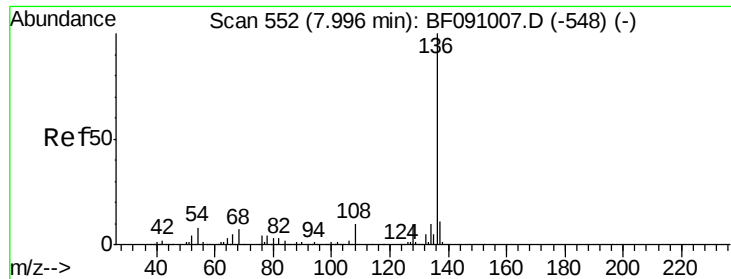
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#20
3+4-Methylphenols
Concen: 43.67 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	75.5	115.5
77	42.8	26.4	66.4
79	29.5	11.1	51.1





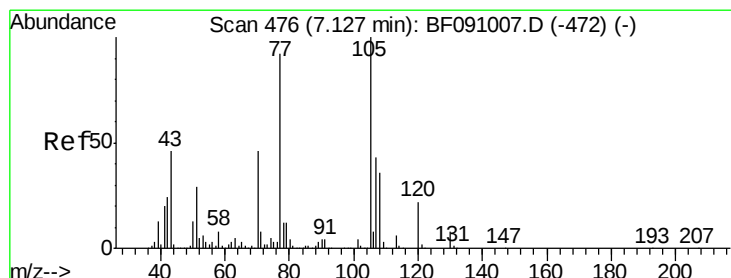
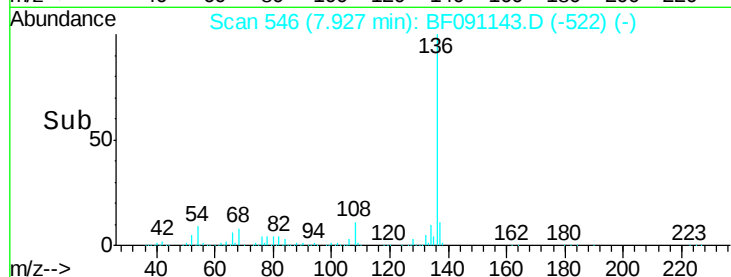
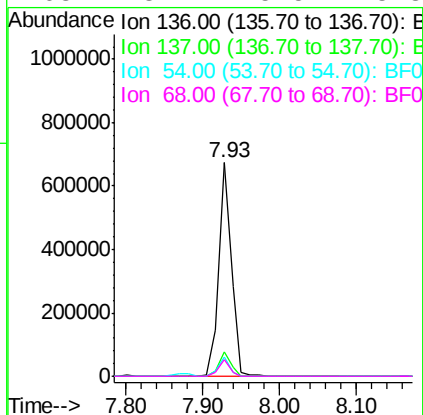
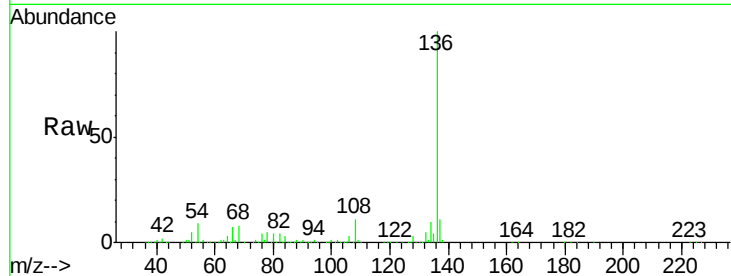
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		774514		
137	11.4		8.9	13.3	
54	9.2		6.2	9.2	
68	8.1		5.5	8.3	

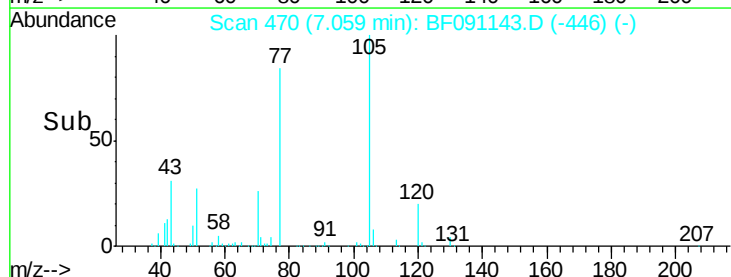
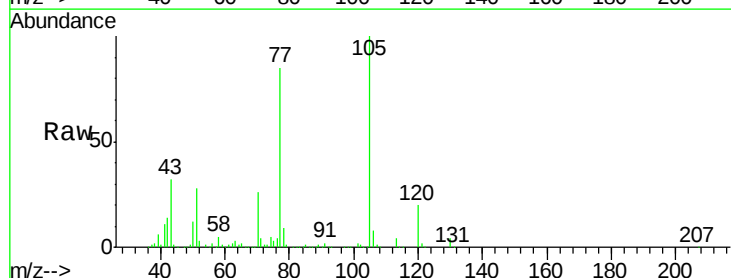
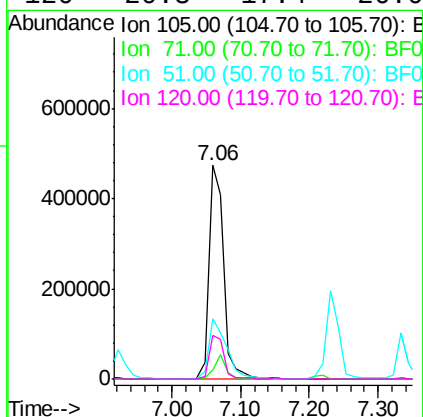
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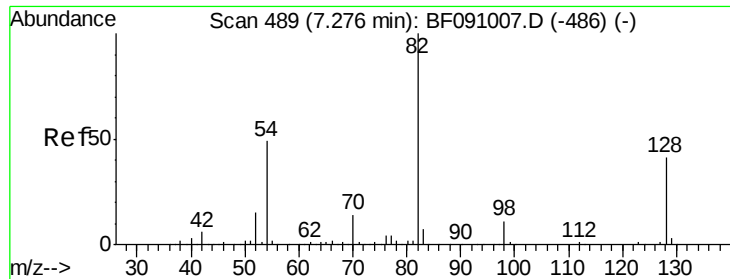
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#22
Acetophenone
Concen: 39.92 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		711879		
71	4.4		6.2	9.2#	
51	27.9		23.3	34.9	
120	20.3		17.4	26.0	





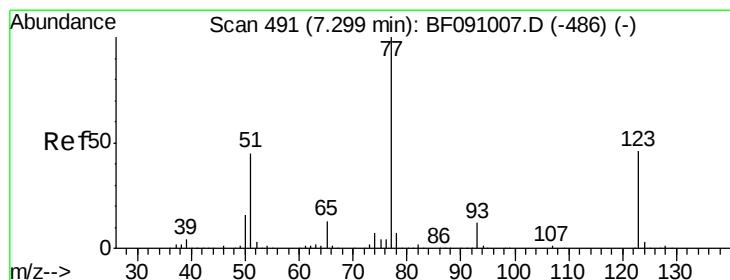
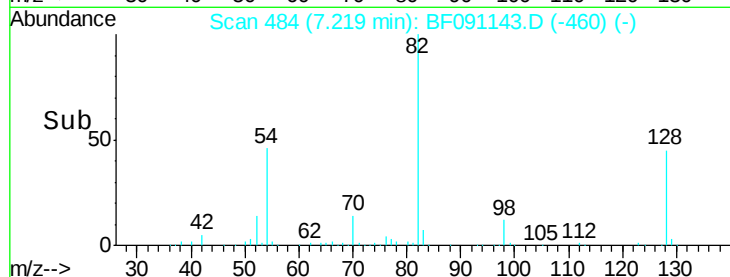
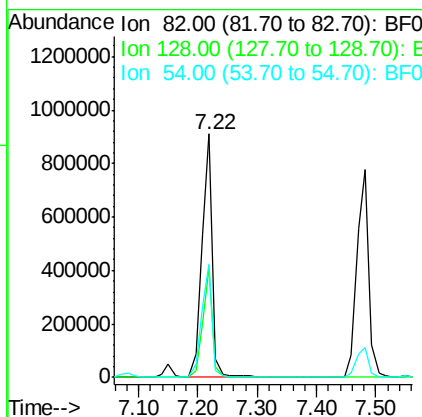
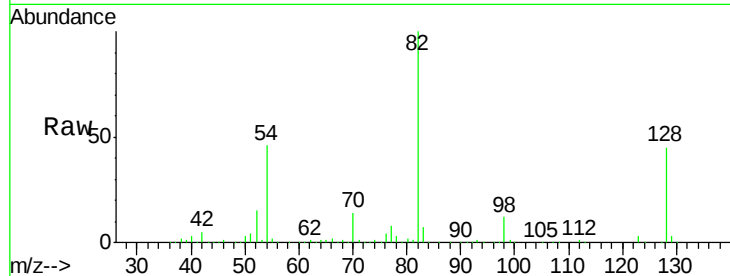
#23
Nitrobenzene-d5
Concen: 80.11 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion: 82 Resp: 1137464
Ion Ratio Lower Upper
82 100
128 44.8 32.4 48.6
54 46.4 39.2 58.8

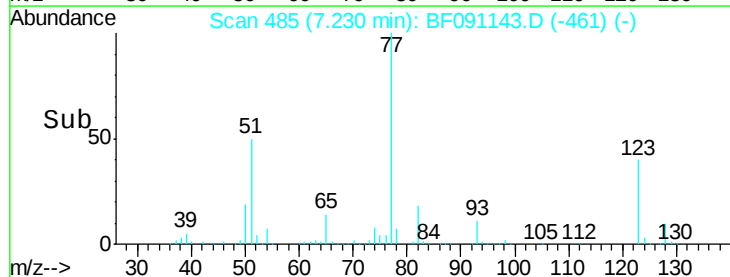
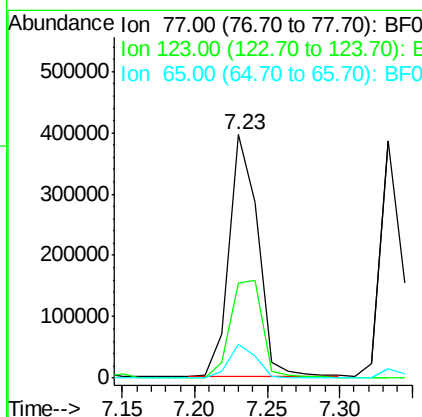
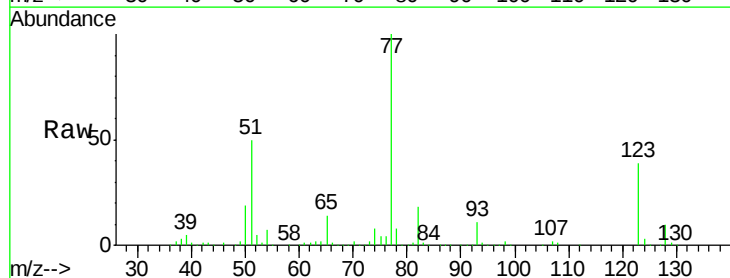
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#24
Nitrobenzene
Concen: 34.77 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion: 77 Resp: 545207
Ion Ratio Lower Upper
77 100
123 39.3 36.5 54.7
65 14.0 10.7 16.1





#25

Isophorone

Concen: 39.12 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

ClientSampled :

PB94661BSD

Tot Ion: 82 Resp: 1070162

Ion Ratio Lower Upper

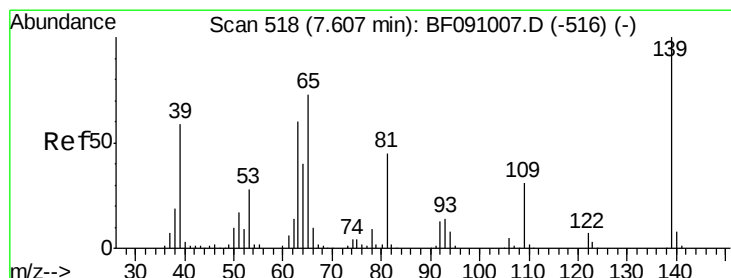
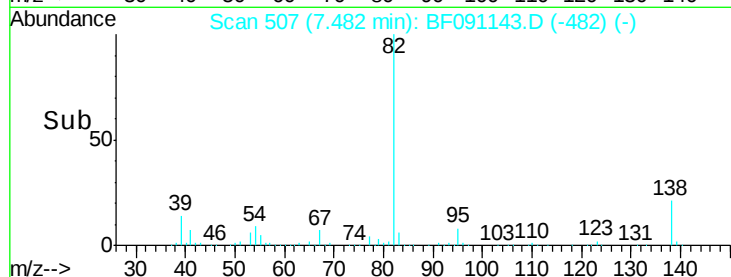
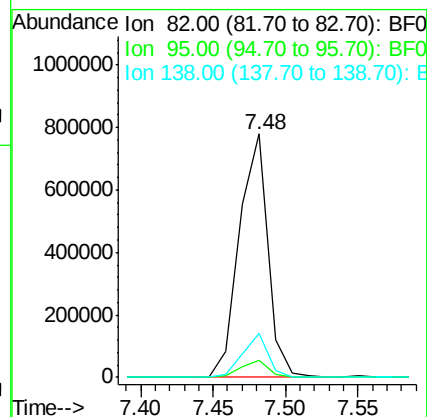
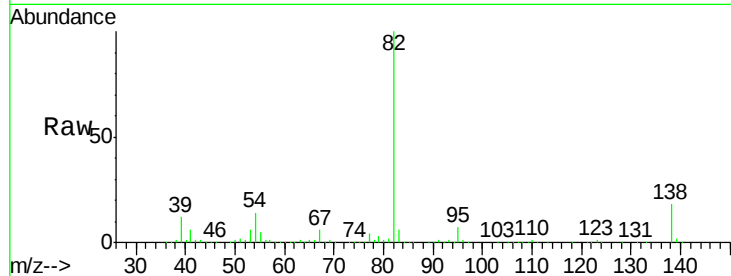
82 100

95 6.9 5.4 8.0

138 18.3 13.0 19.4

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#26

2-Nitrophenol

Concen: 39.95 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

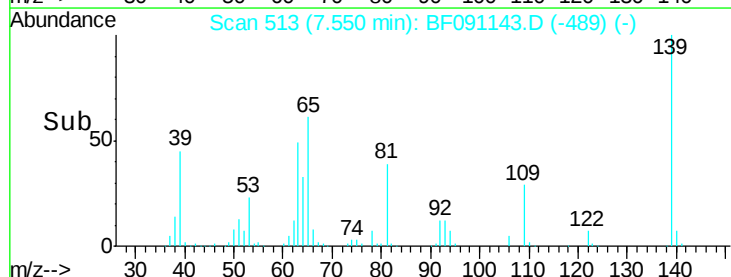
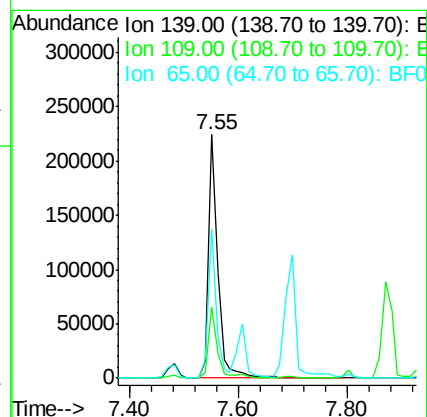
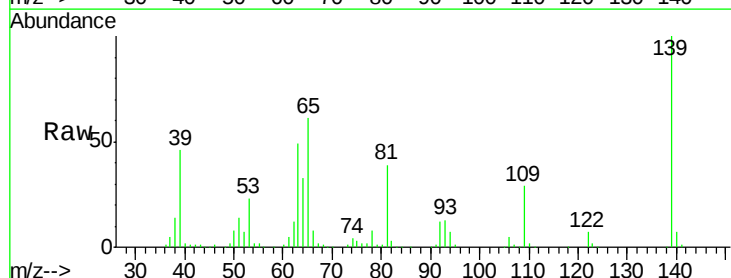
Tgt Ion: 139 Resp: 265098

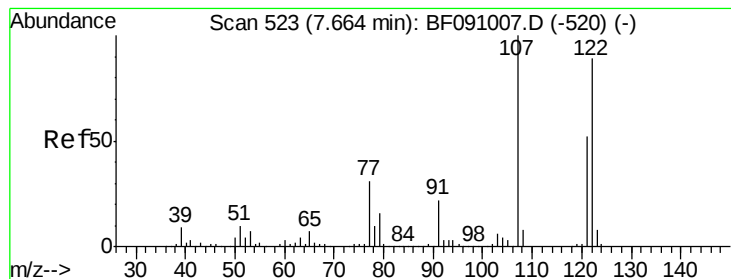
Ion Ratio Lower Upper

139 100

109 28.8 24.7 37.1

65 61.3 58.3 87.5





#27

2,4-Dimethylphenol

Concen: 43.78 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

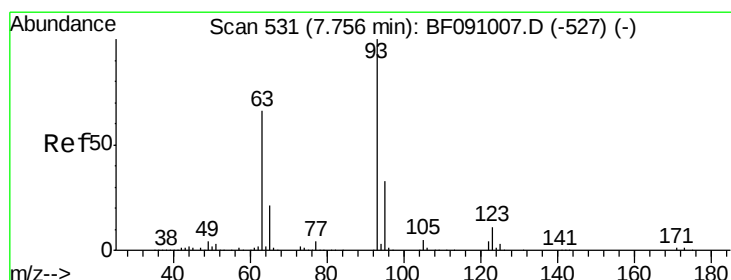
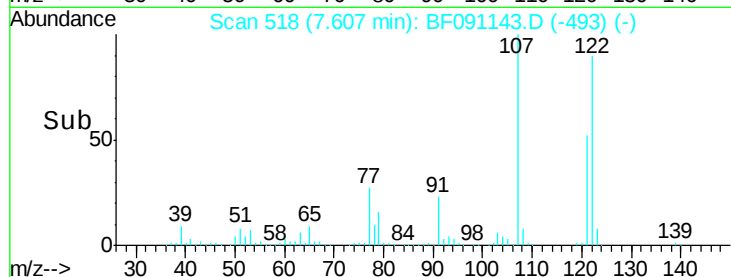
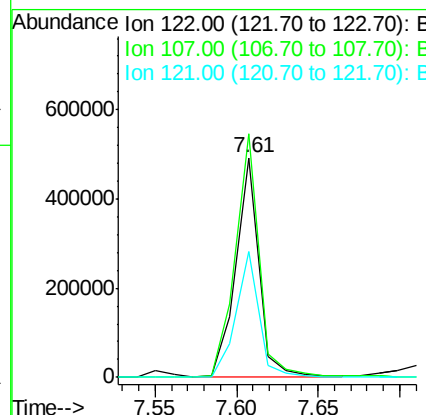
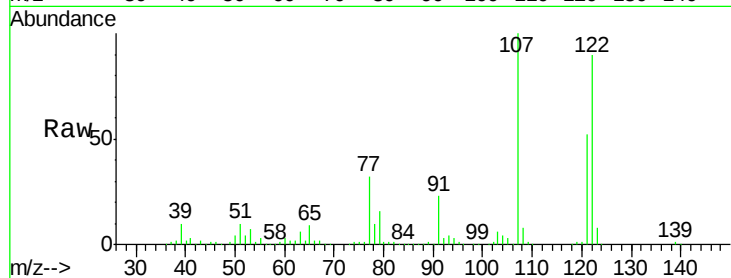
ClientSampleId :

PB94661BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	89.6	134.4
121	57.2	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 44.51 ng

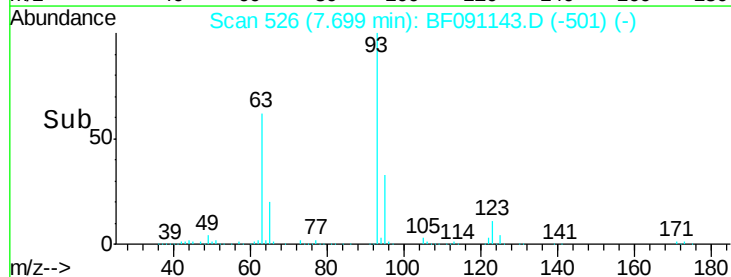
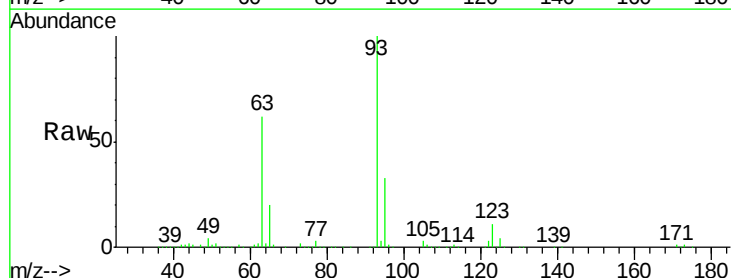
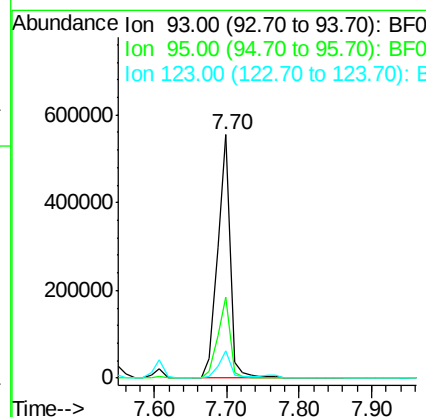
RT: 7.70 min Scan# 526

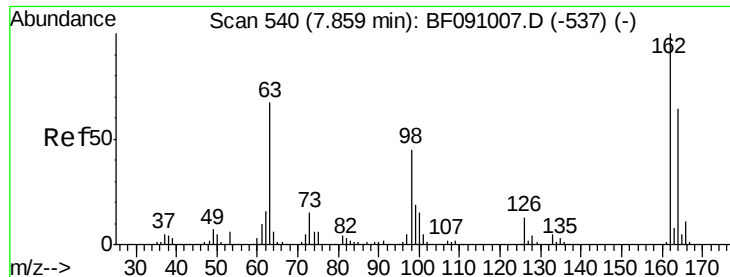
Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.4	8.7	13.1





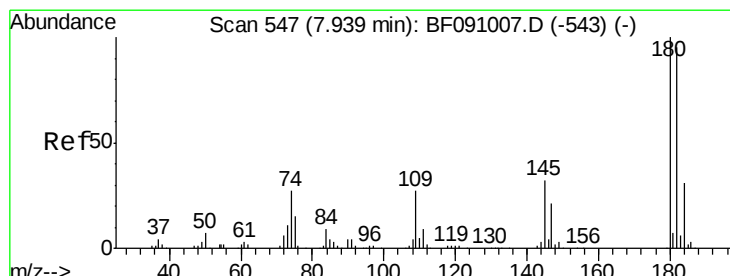
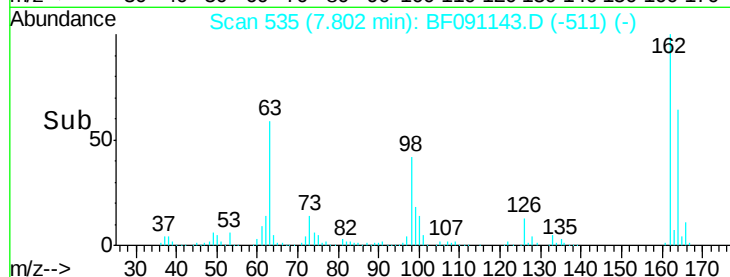
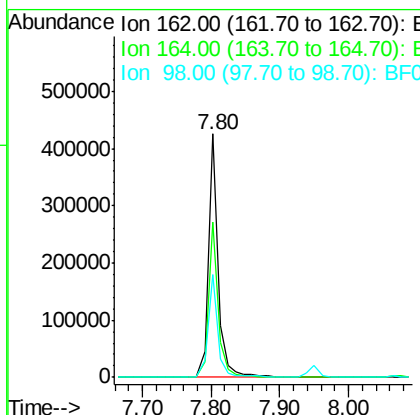
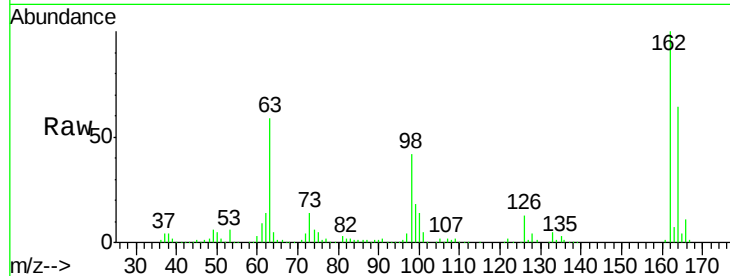
#29
 2,4-Dichlorophenol
 Concen: 43.94 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420800		
164	63.8	44.4	84.4	
98	42.1	25.2	65.2	

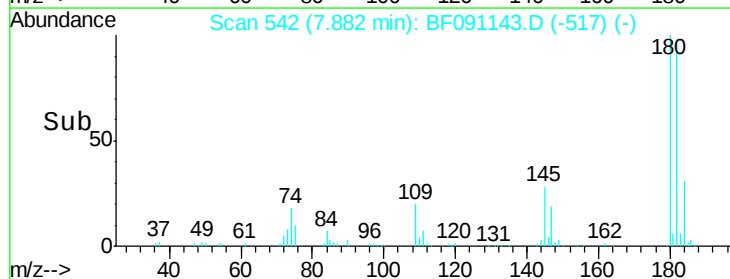
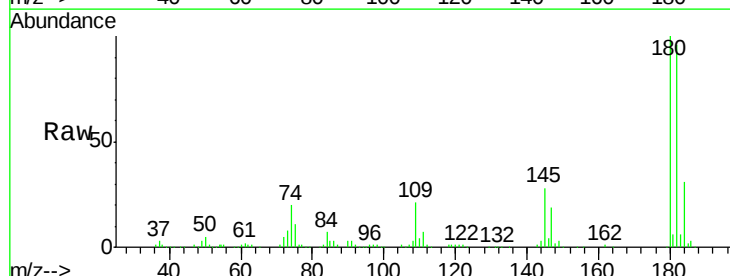
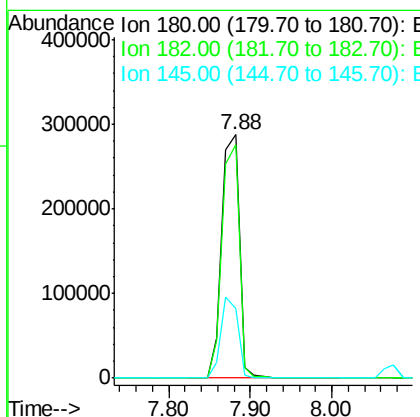
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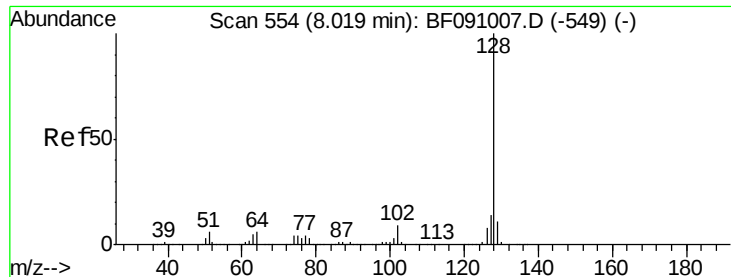
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.85 ng
 RT: 7.88 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	429173		
182	96.1	76.0	114.0	
145	28.3	25.8	38.8	





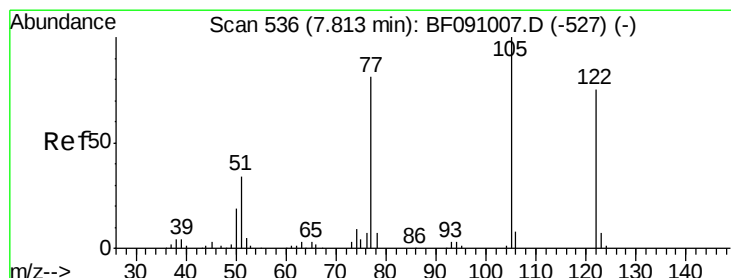
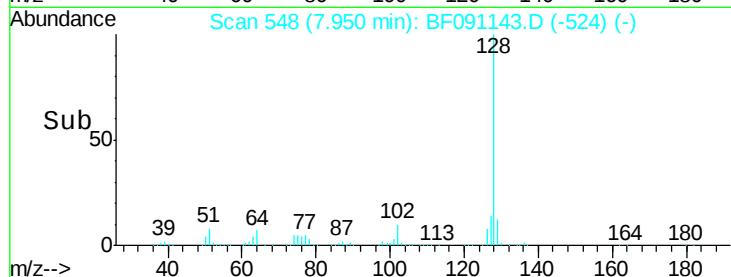
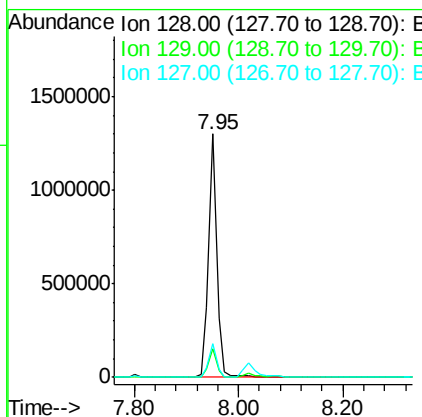
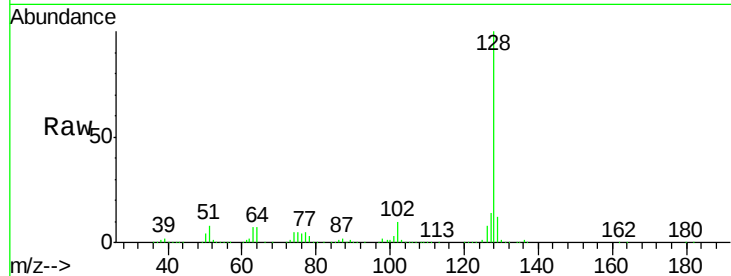
#31
Naphthalene
Concen: 38.70 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion:128 Resp: 1433618
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 10.9 16.3

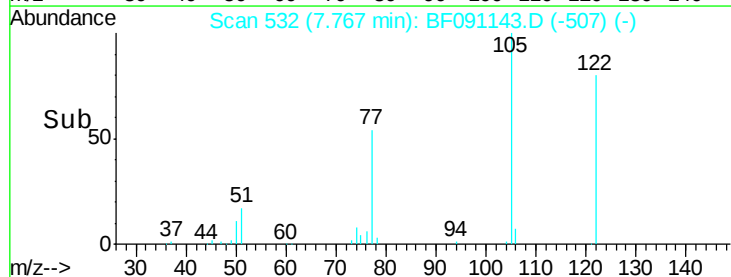
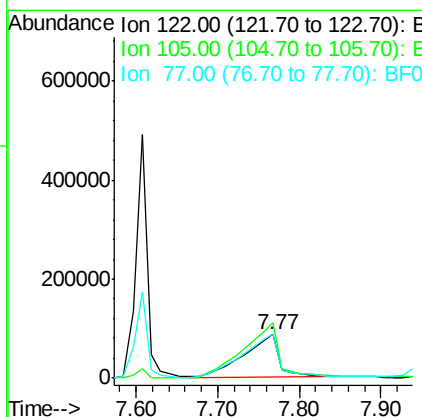
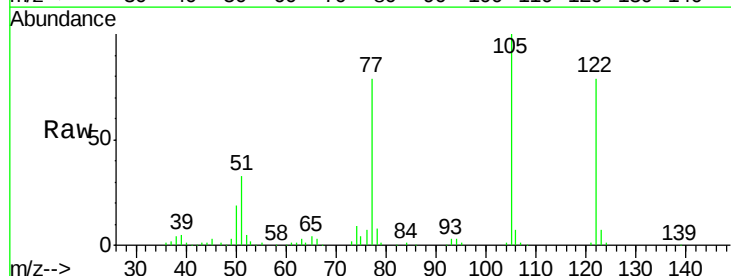
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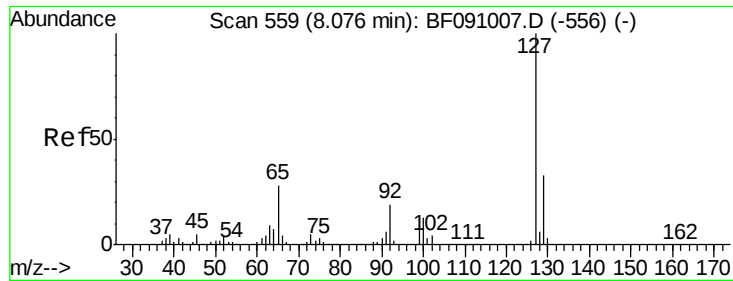
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#32
Benzoic acid
Concen: 32.62 ng
RT: 7.77 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion:122 Resp: 263701
Ion Ratio Lower Upper
122 100
105 126.4 105.9 145.9
77 99.2 84.0 124.0





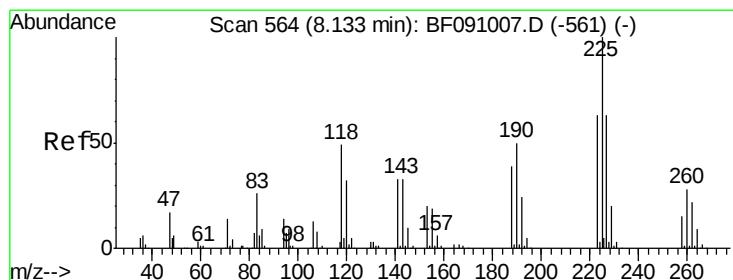
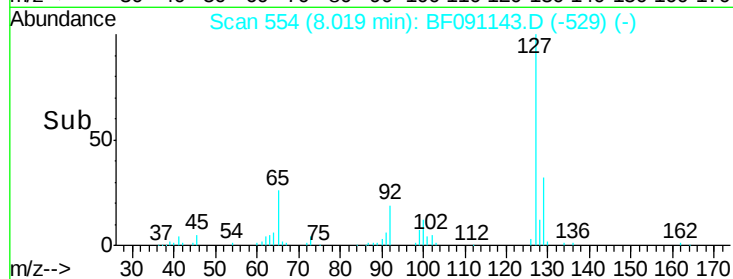
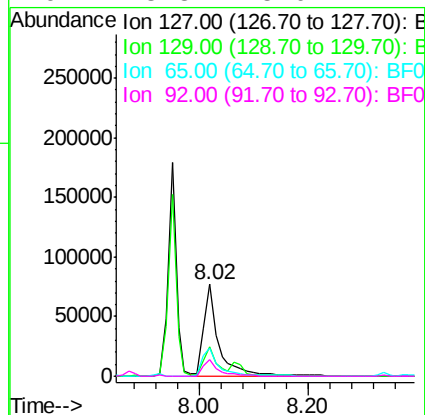
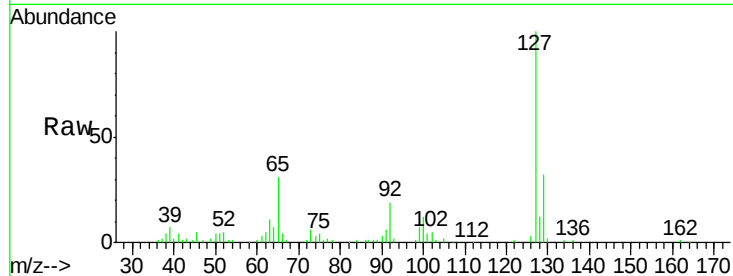
#33
4-Chloroaniline
Concen: 9.37 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.6	39.8		
65	30.9	22.2	33.2		
92	18.8	15.0	22.4		

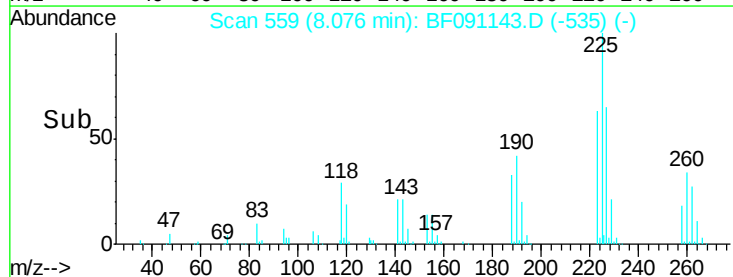
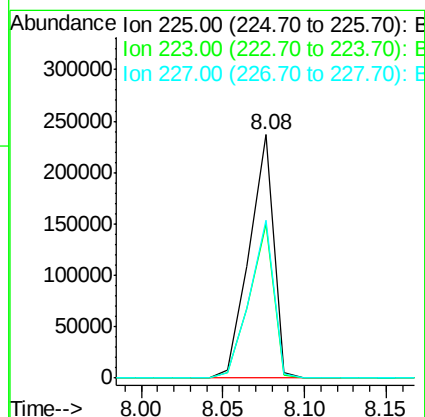
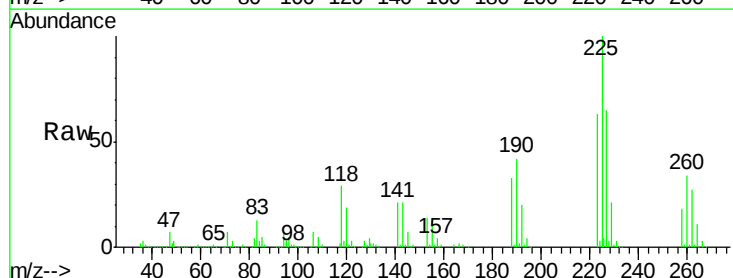
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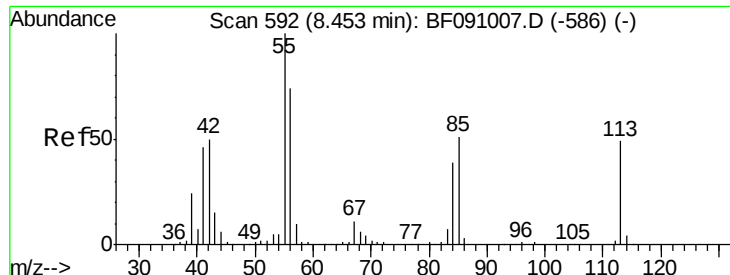
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#34
Hexachlorobutadiene
Concen: 42.47 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.4	75.6		
227	64.7	50.1	75.1		





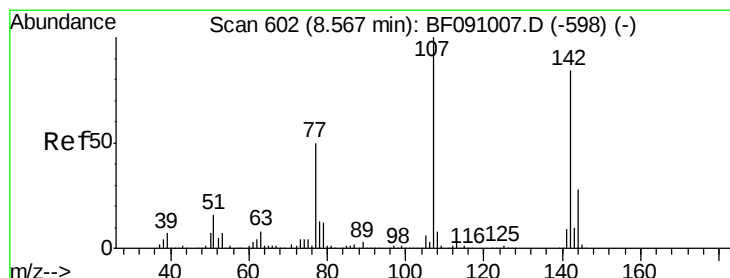
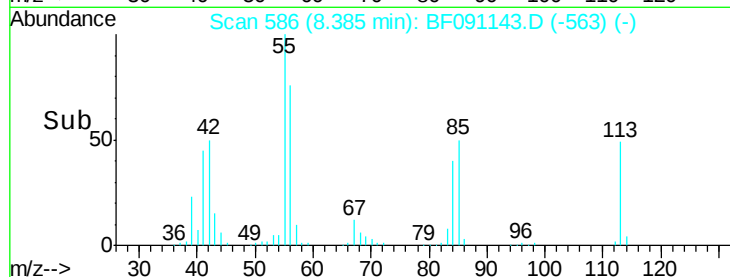
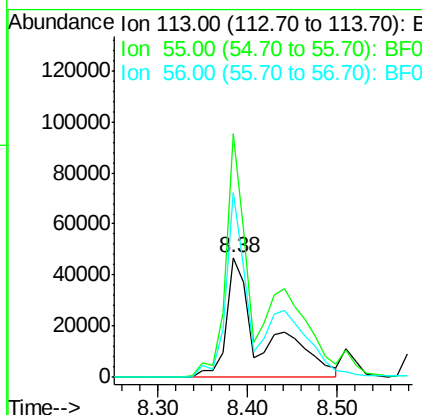
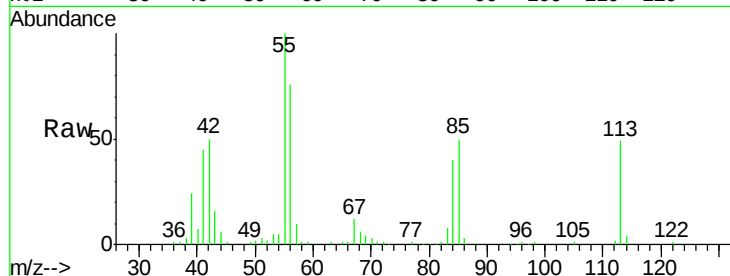
#35
 Caprolactam
 Concen: 44.25 ng/ml
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleID :
 PB94661BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	203.3	184.1	224.1		
56	154.6	132.0	172.0		

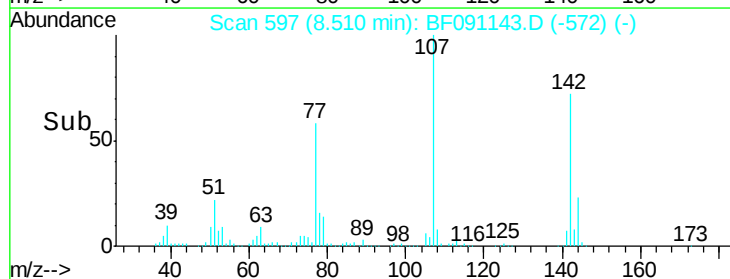
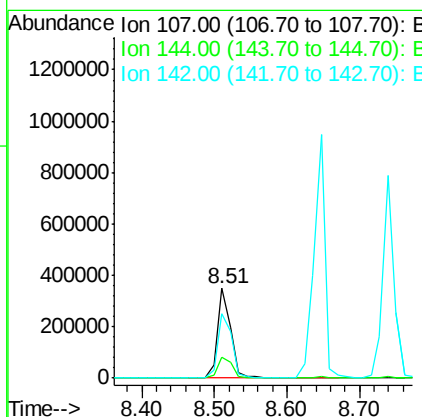
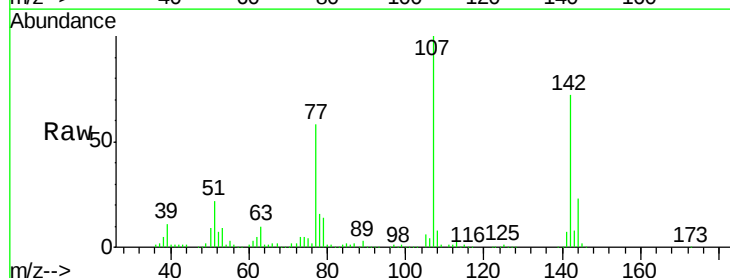
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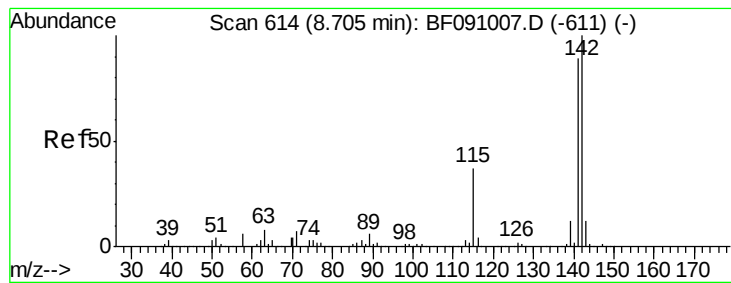
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#36
 4-Chloro-3-methylphenol
 Concen: 38.19 ng/ml
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.1	22.5	33.7		
142	71.5	67.4	101.2		





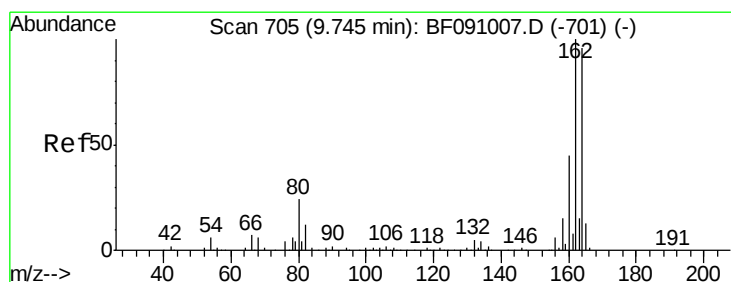
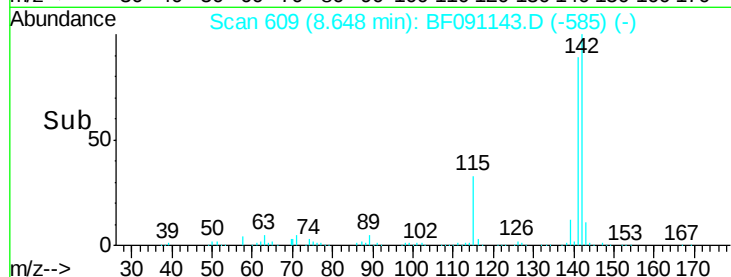
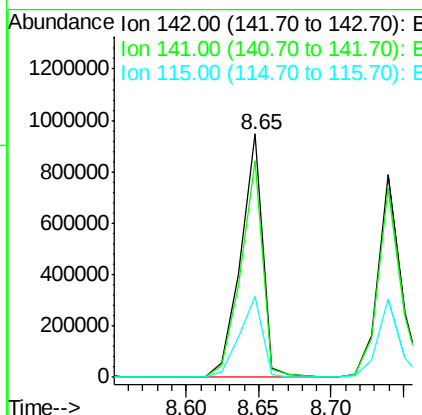
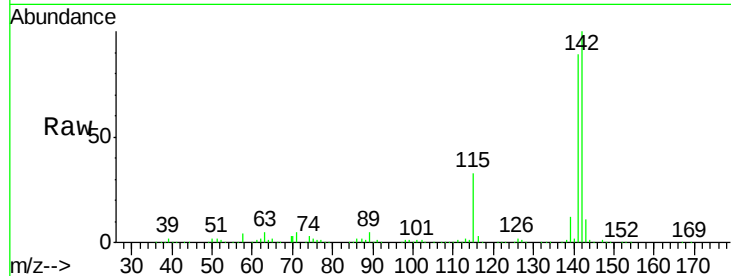
#37
 2-Methylnaphthalene
 Concen: 42.04 ng
 RT: 8.65 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	33.5	29.9	44.9

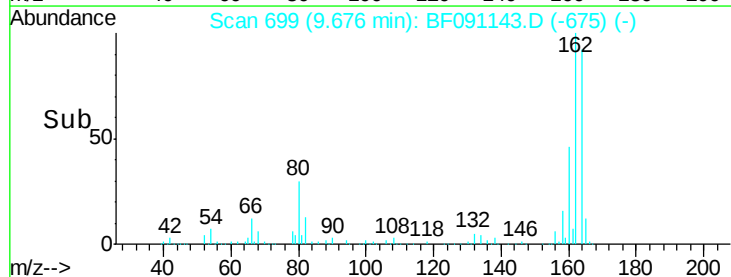
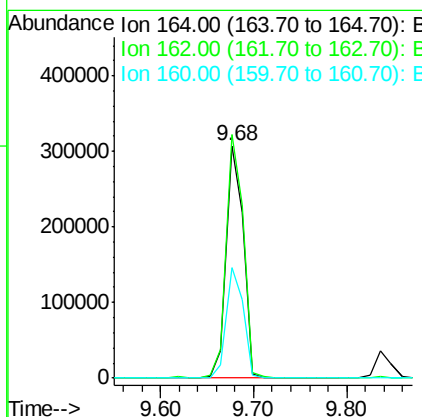
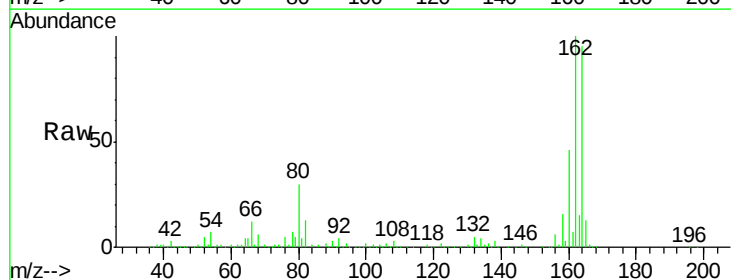
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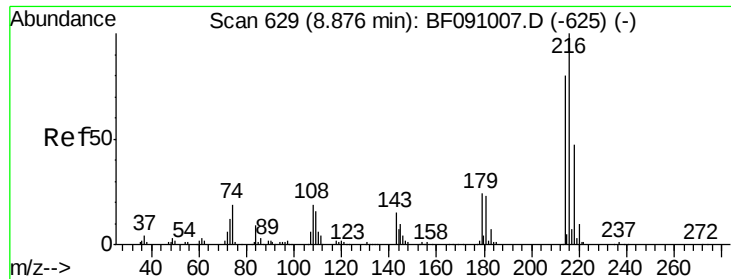
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.6	125.4
160	47.8	37.9	56.9





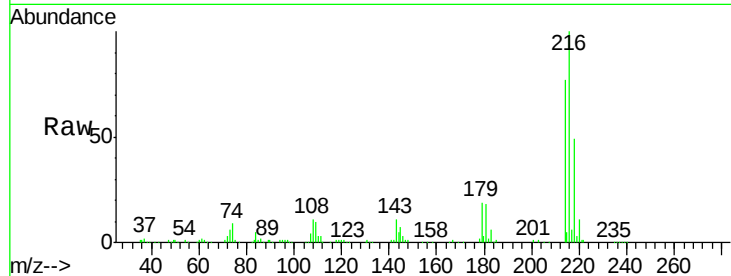
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.57 ng
 RT: 8.82 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

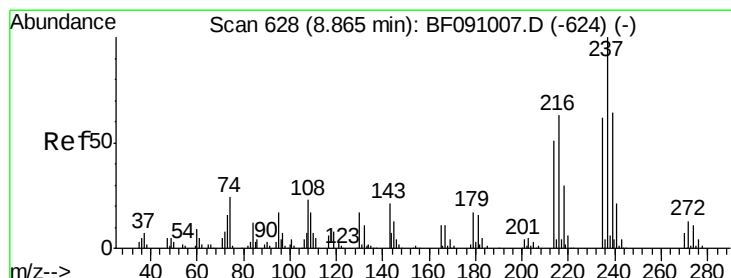
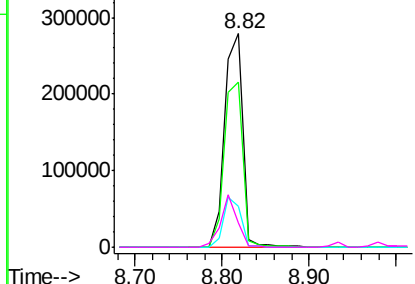
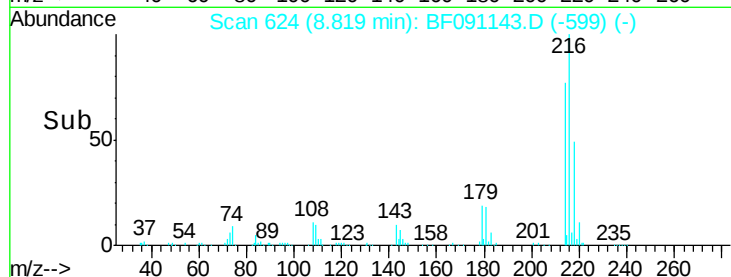
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		408301		
214	79.5	63.5	95.3		
179	22.6	19.1	28.7		
108	22.8	17.5	26.3		

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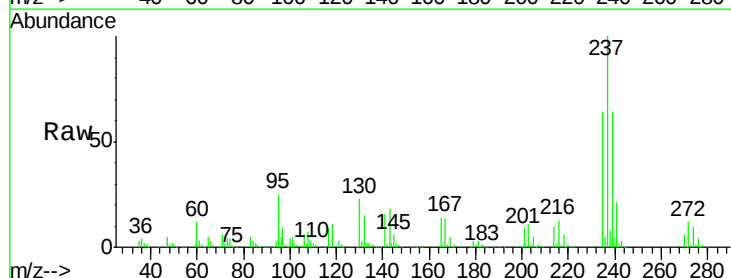


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

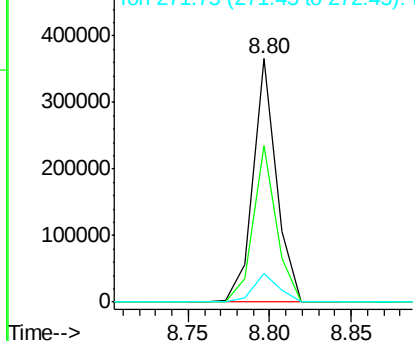
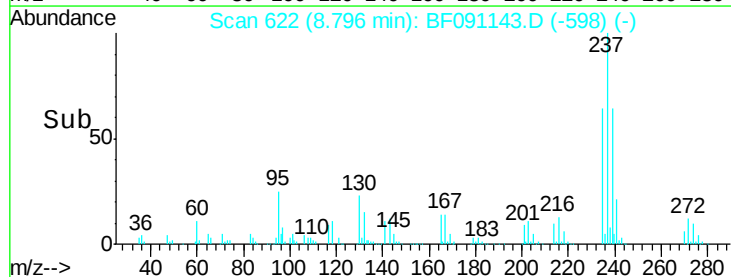


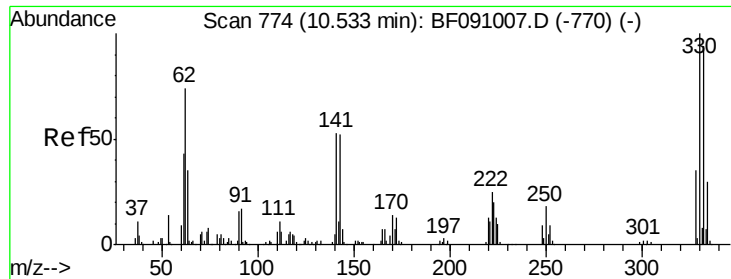
#40
 Hexachlorocyclopentadiene
 Concen: 92.21 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		364407		
235	64.4	42.1	82.1		
272	11.9	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





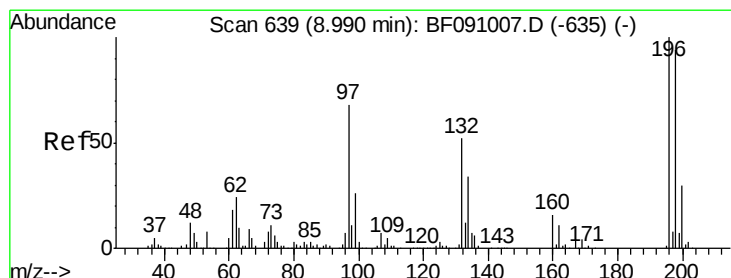
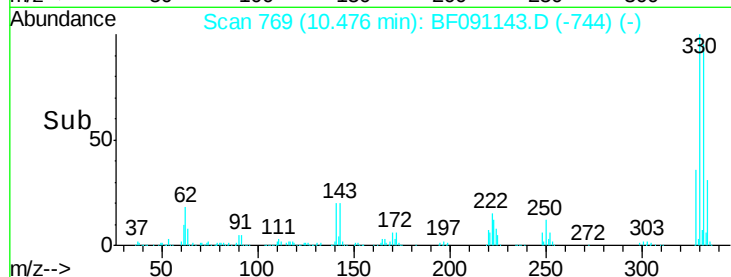
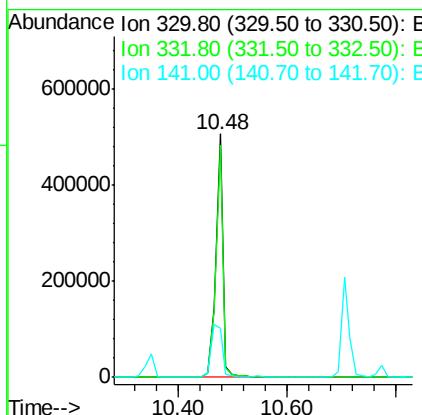
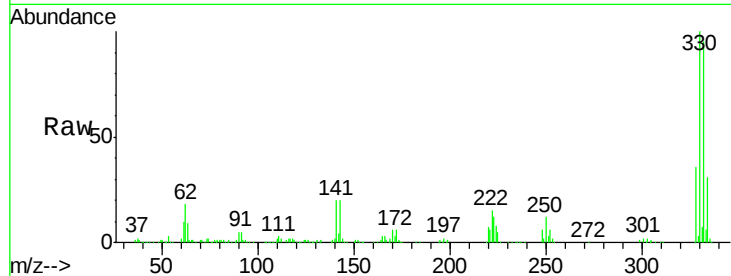
#41
 2,4,6-Tribromophenol
 Concen: 136.19 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	486017		
332	95.3	75.9	113.9	
141	33.3	36.1	54.1	

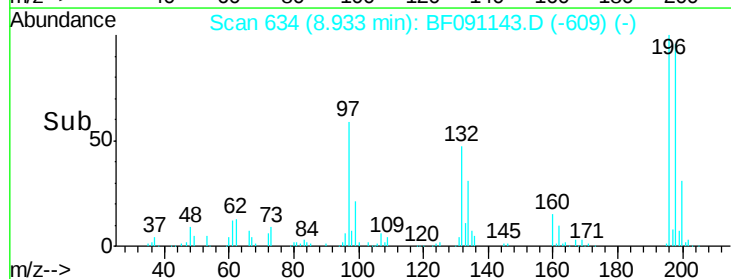
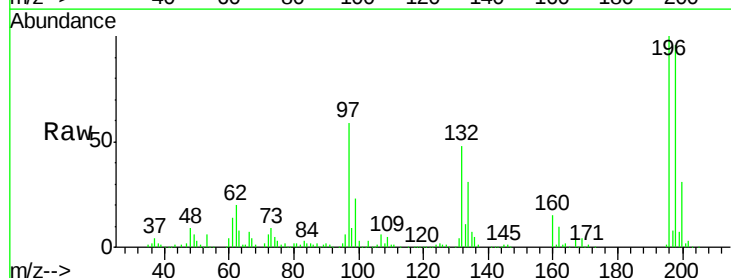
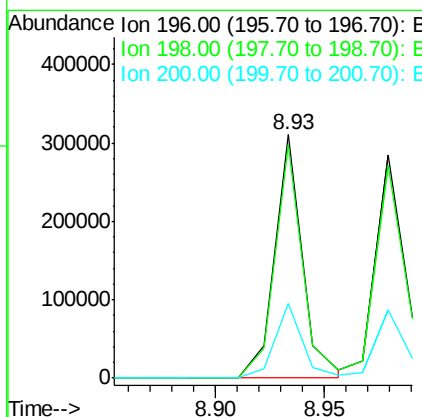
Manual Integrations
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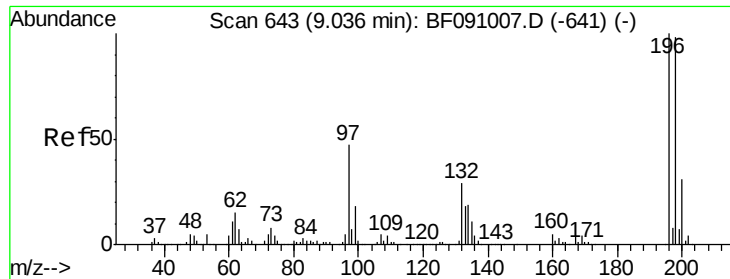
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#42
 2,4,6-Trichlorophenol
 Concen: 42.71 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	277510		
198	95.8	75.4	113.0	
200	30.9	24.1	36.1	





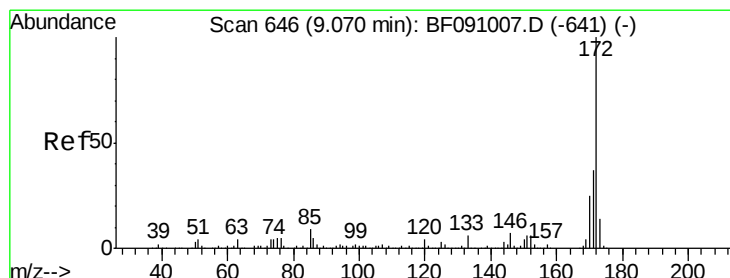
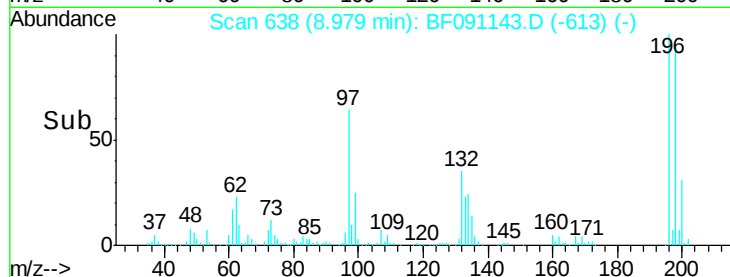
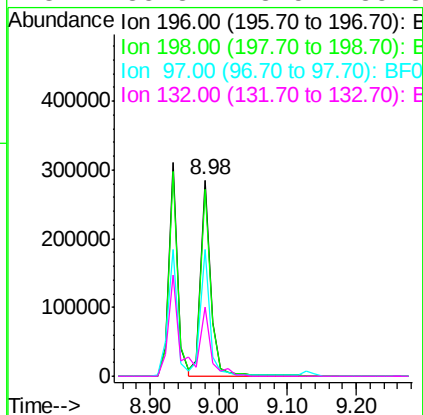
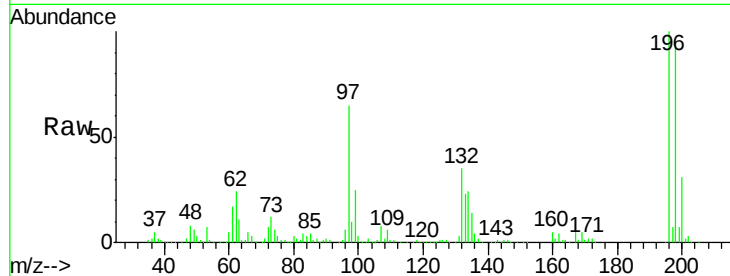
#43
 2,4,5-Trichlorophenol
 Concen: 42.08 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion:	196	Resp:	287017
Ion Ratio	Lower	Upper	
196	100		
198	95.4	78.2	117.4
97	64.6	38.8	58.2#
132	35.3	23.5	35.3

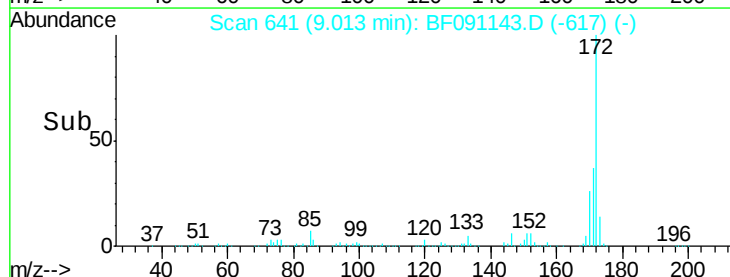
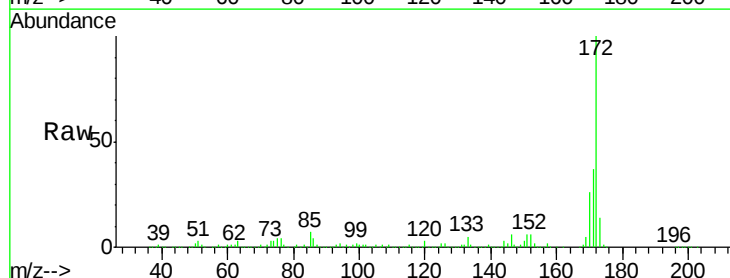
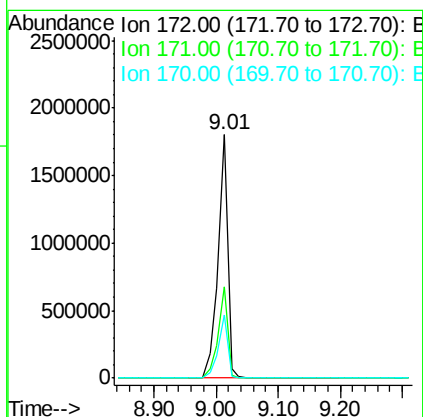
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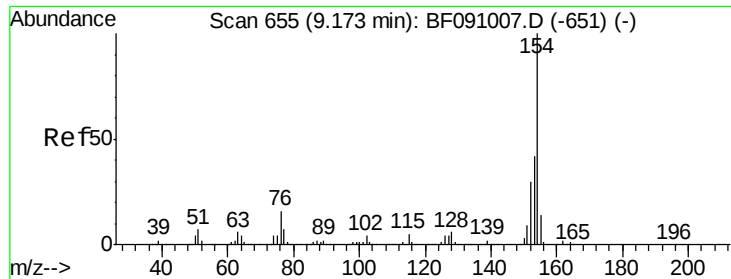
sohil
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#44
 2-Fluorobiphenyl
 Concen: 82.38 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion:	172	Resp:	1888840
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.8	44.6
170	25.9	20.3	30.5





#45
 1,1'-Biphenyl
 Concen: 38.64 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

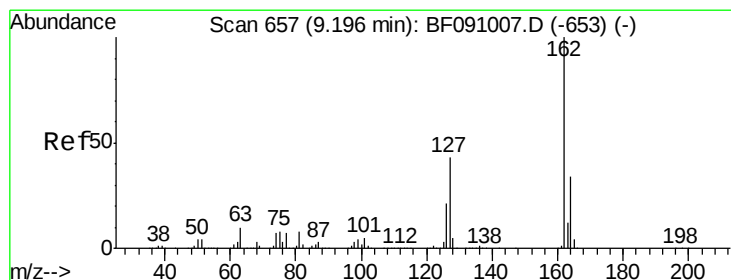
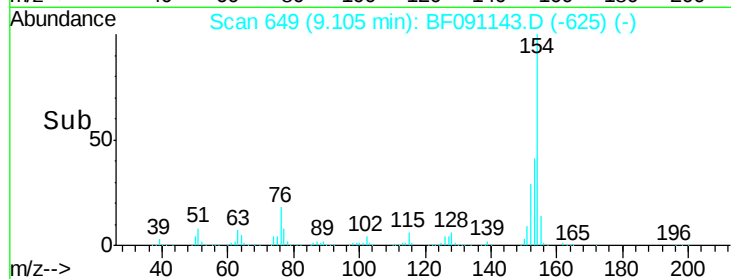
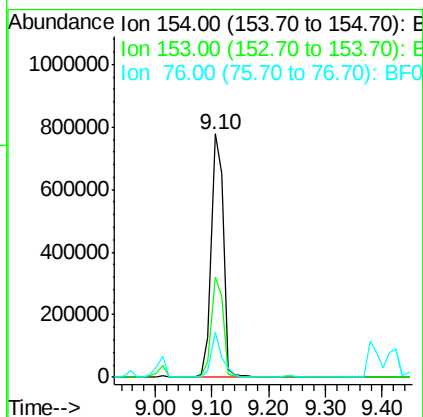
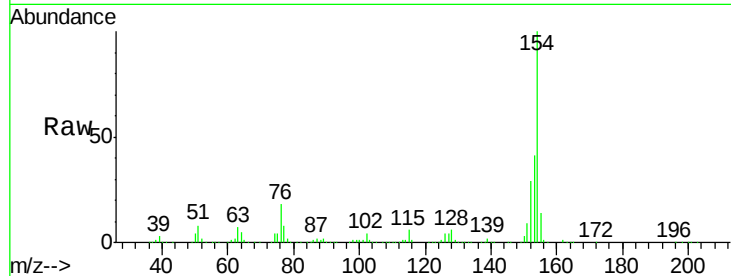
Instrument :
 BNA_F
 ClientSampled :
 PB94661BSD

Tot Ion:154 Resp: 1113637

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.6	61.6
76	18.4	0.0	36.2

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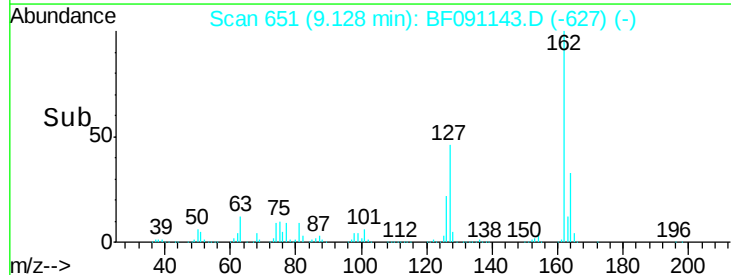
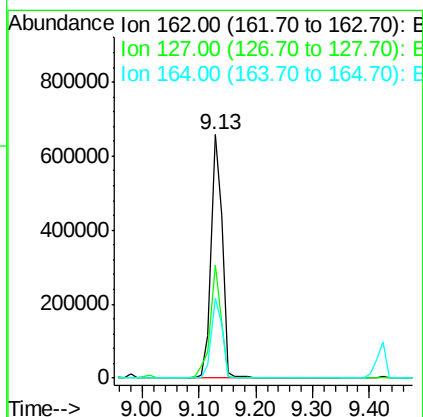
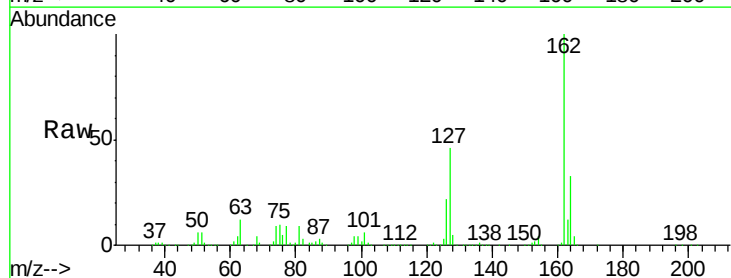
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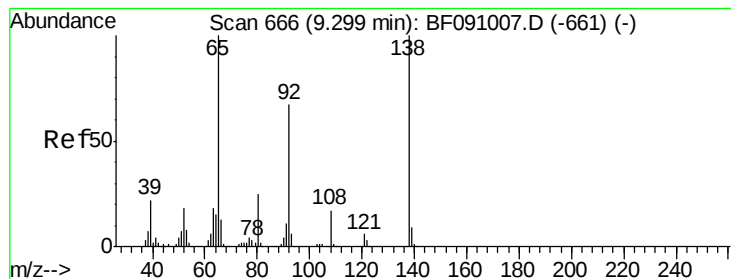


#46
 2-Chloronaphthalene
 Concen: 39.42 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion:162 Resp: 862605

Ion	Ratio	Lower	Upper
162	100		
127	46.4	34.7	52.1
164	32.9	27.0	40.4





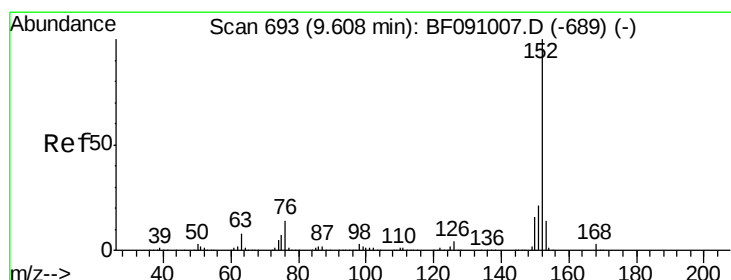
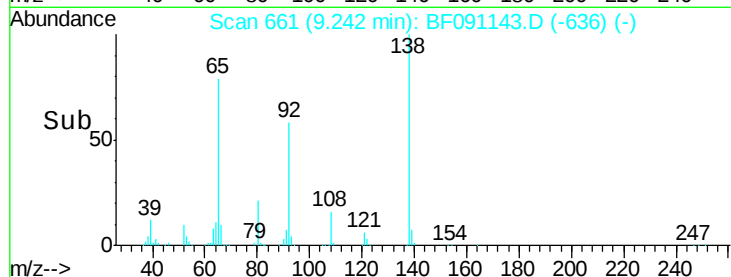
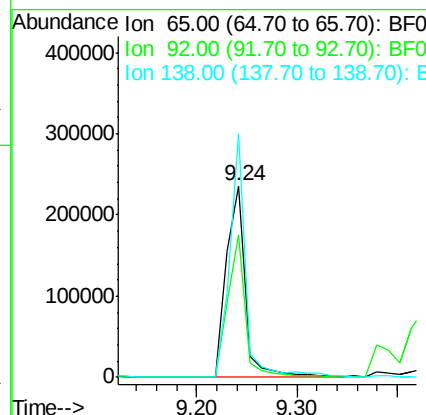
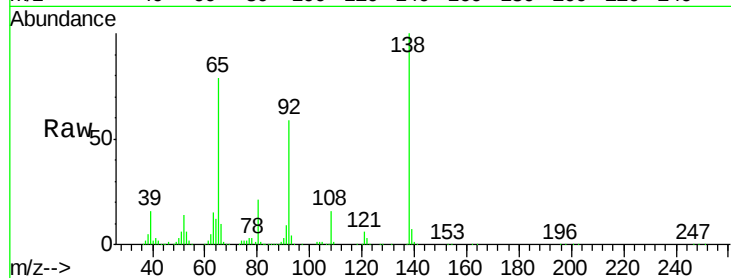
#47
2-Nitroaniline
Concen: 38.60 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.4	53.9	80.9
138	127.0	80.1	120.1

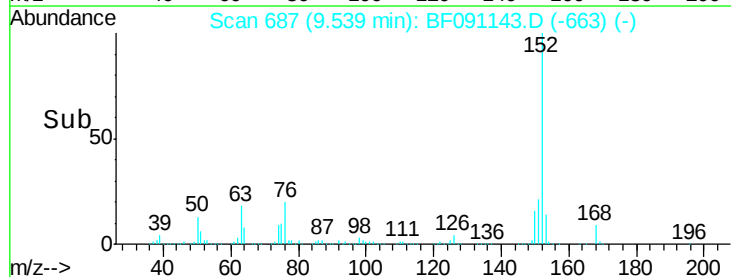
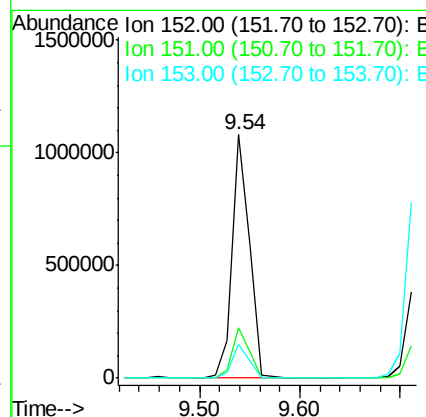
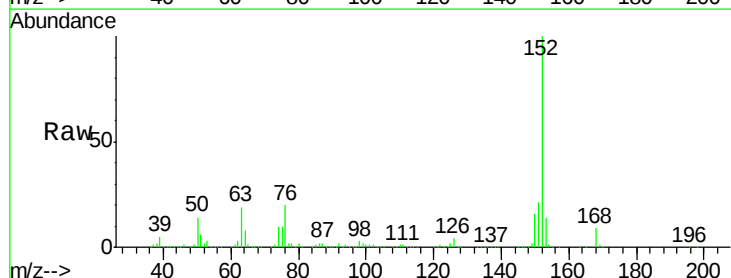
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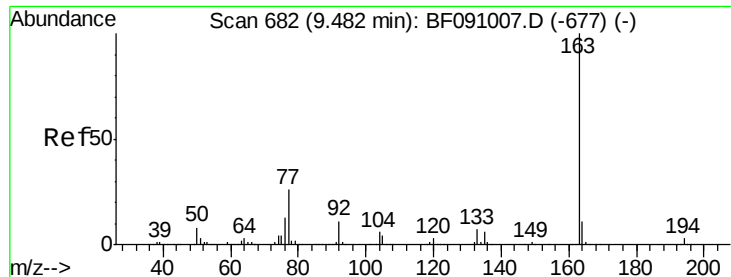
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#48
Acenaphthylene
Concen: 37.60 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1
153	14.1	11.1	16.7





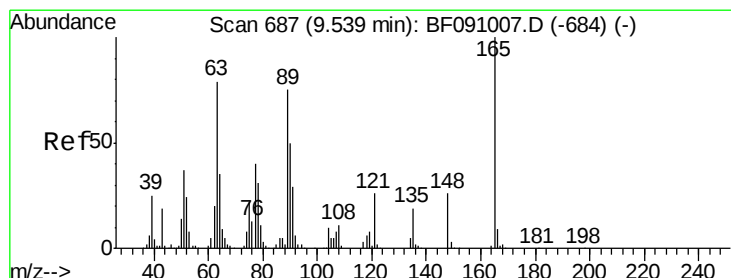
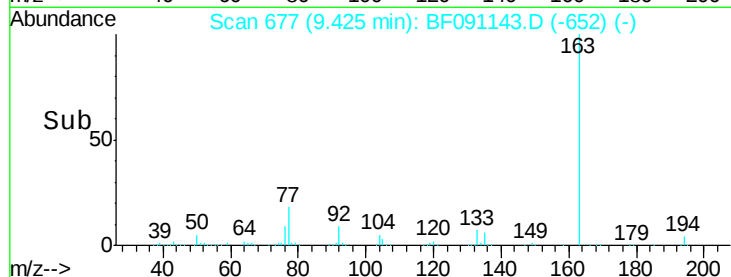
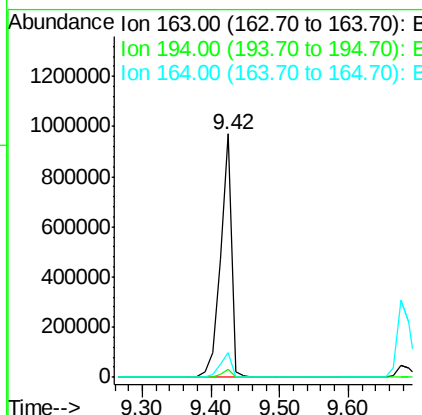
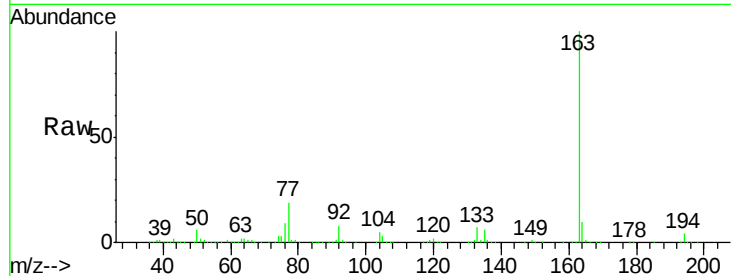
#49
Dimethylphthalate
Concen: 42.40 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion:163 Resp: 1097330
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.7 13.1

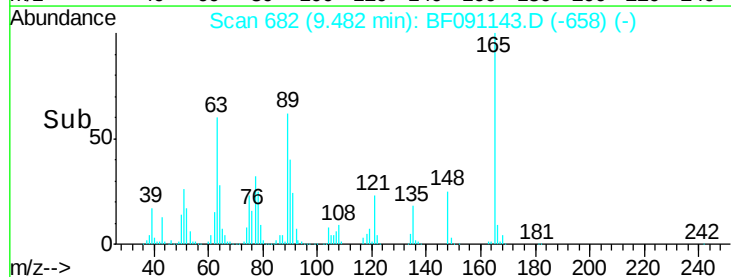
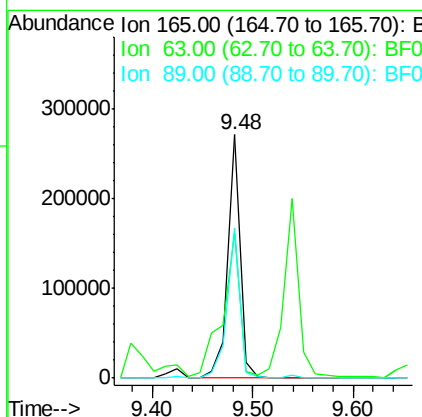
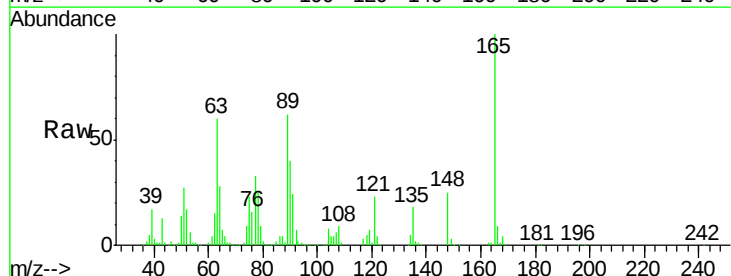
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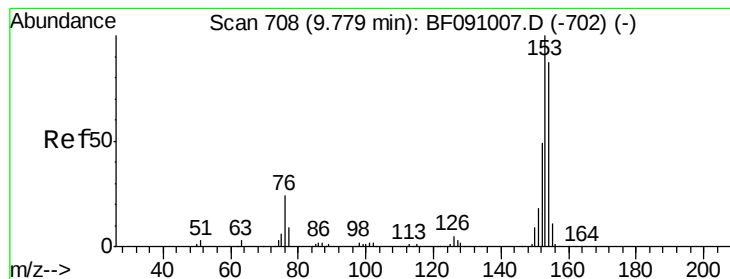
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#50
2,6-Dinitrotoluene
Concen: 42.32 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion:165 Resp: 234757
Ion Ratio Lower Upper
165 100
63 59.8 65.6 98.4#
89 61.8 59.8 89.6





#51

Acenaphthene

Concen: 36.89 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

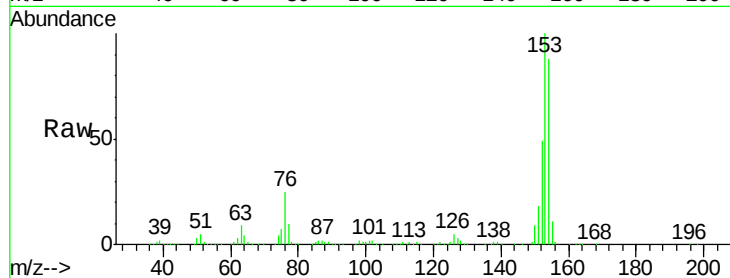
ClientSampleId :

PB94661BSD

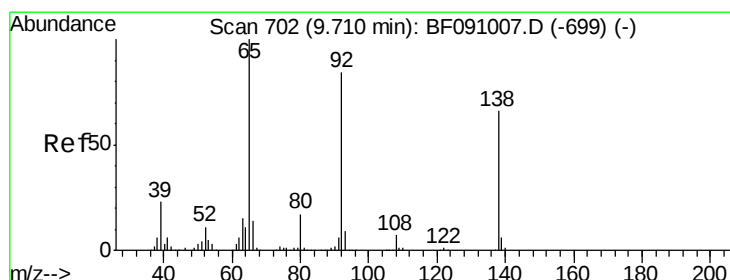
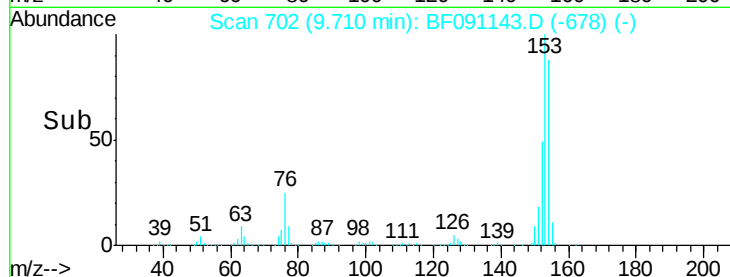
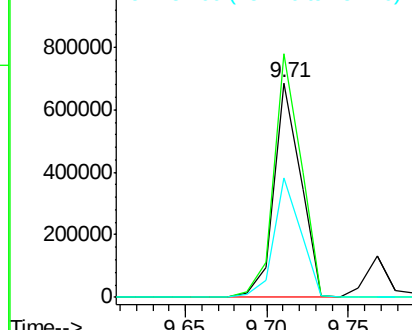
Tot Ion:	154	Resp:	789928
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.6	137.4
152	55.5	44.6	67.0

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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: 16.02 ng

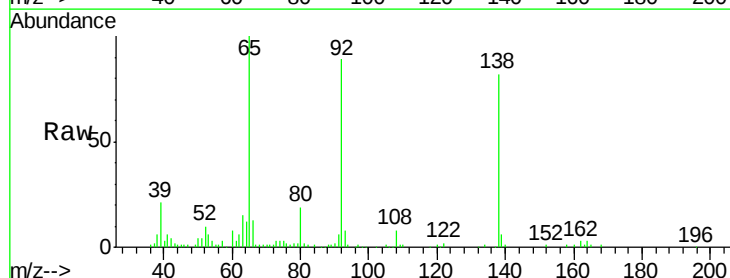
RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

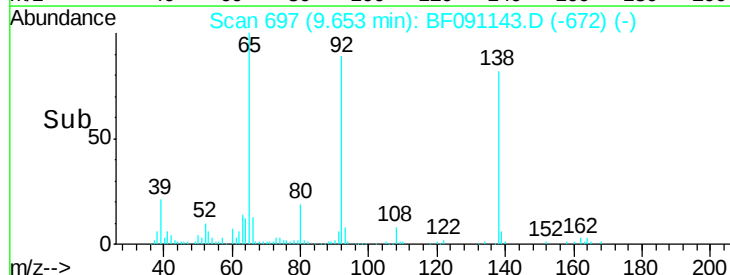
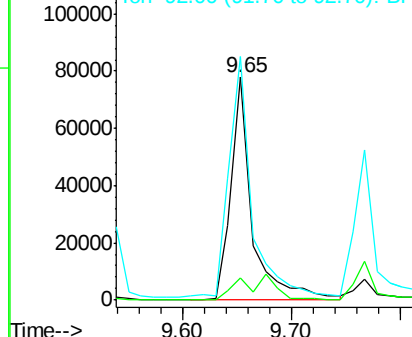
Lab File: BF091143.D

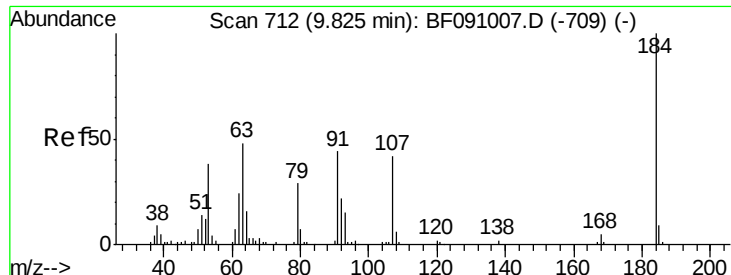
Acq: 11 Nov 2016 16:38

Tgt Ion:	138	Resp:	105385
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.4	12.6
92	109.4	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





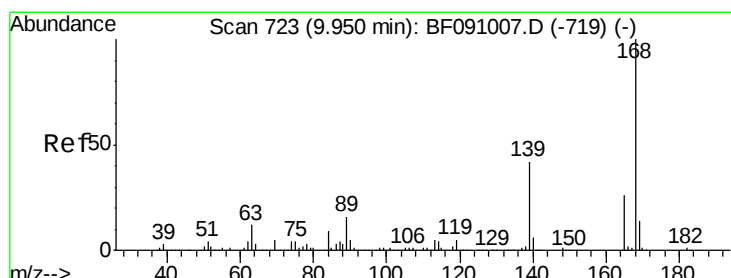
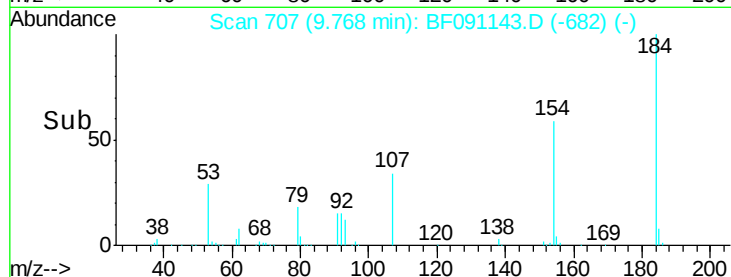
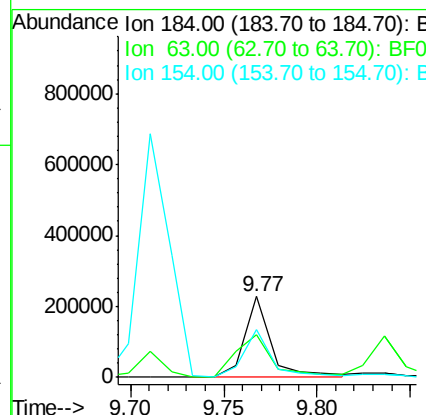
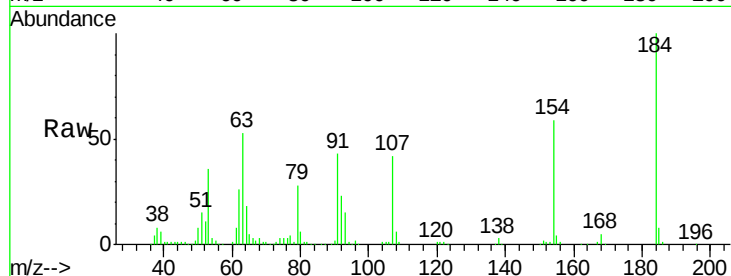
#53
 2,4-Dinitrophenol
 Concen: 75.65 ng
 RT: 9.77 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.5	45.5	68.3
154	58.9	51.0	76.4

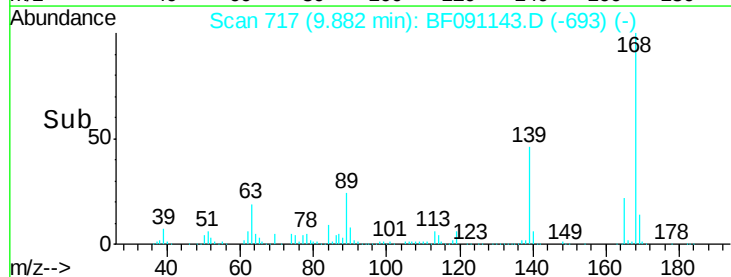
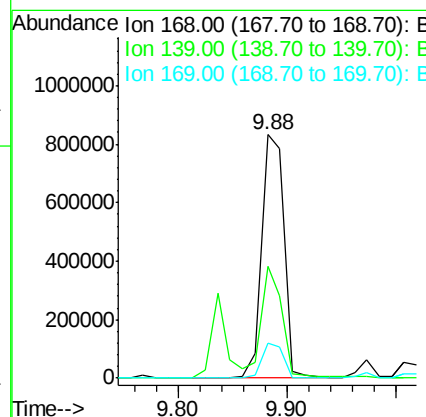
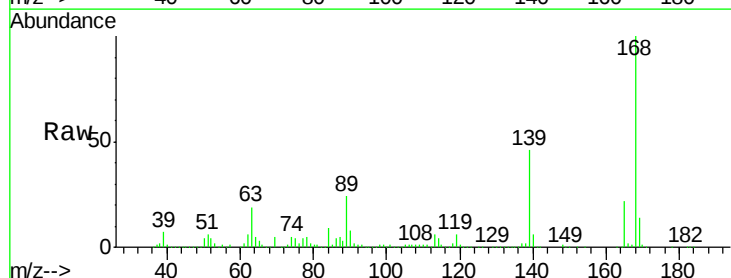
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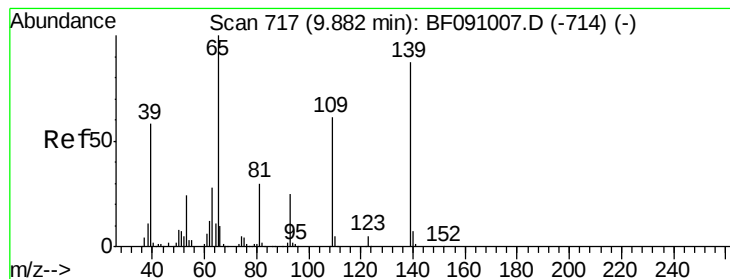
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#54
 Dibenzofuran
 Concen: 41.54 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.8	34.8	52.2
169	14.3	11.4	17.2





#55

4-Nitrophenol

Concen: 65.52 ng

RT: 9.84 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

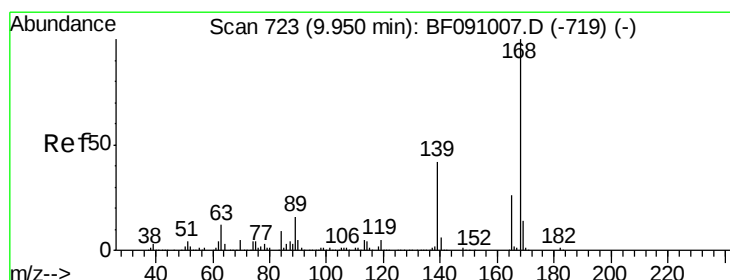
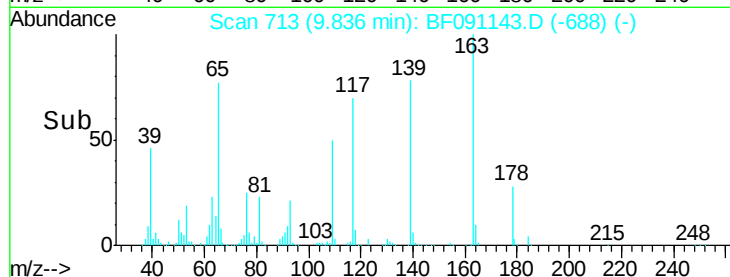
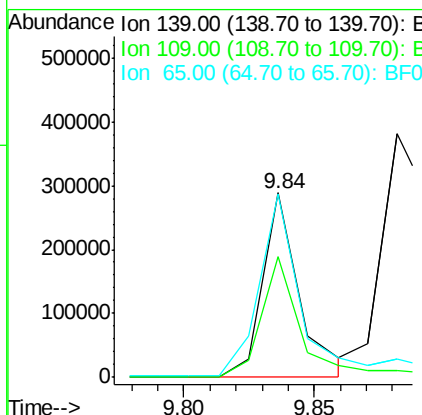
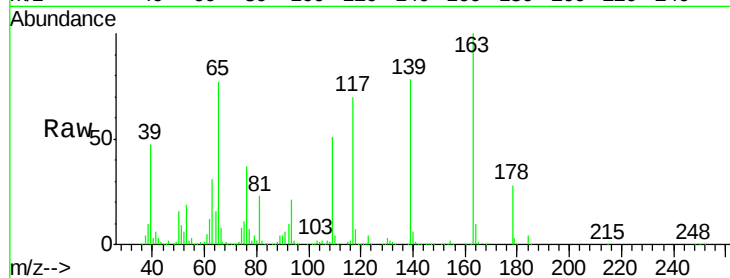
ClientSampleId :

PB94661BSD

Tot Ion:	139	Resp:	282111
Ion Ratio	Lower	Upper	
139	100		
109	65.2	50.5	90.5
65	99.1	97.1	137.1

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#56

2,4-Dinitrotoluene

Concen: 43.47 ng

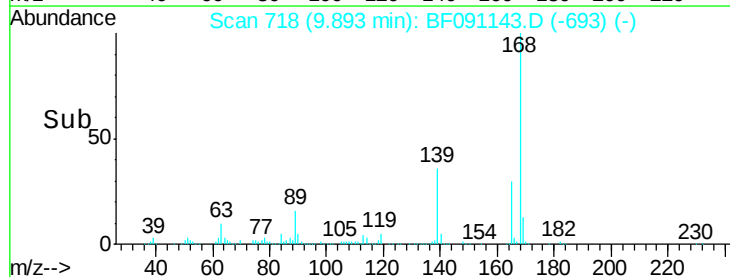
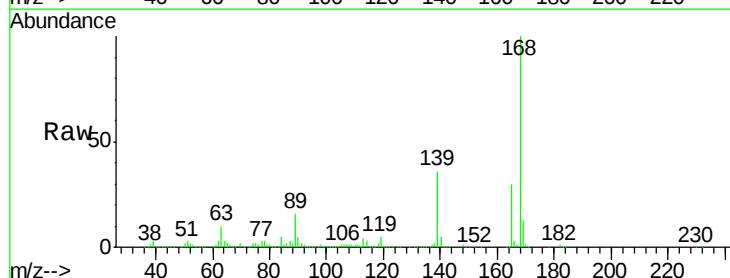
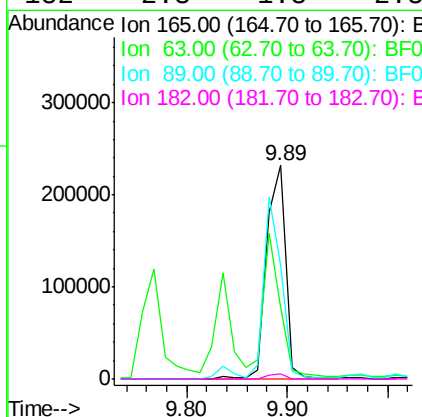
RT: 9.89 min Scan# 718

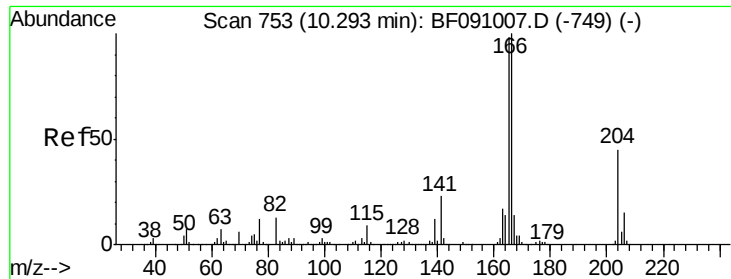
Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Tgt Ion:	165	Resp:	306817
Ion Ratio	Lower	Upper	
165	100		
63	33.7	38.7	58.1#
89	53.1	50.6	76.0
182	2.3	1.8	2.8





#57

Fluorene

Concen: 36.23 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

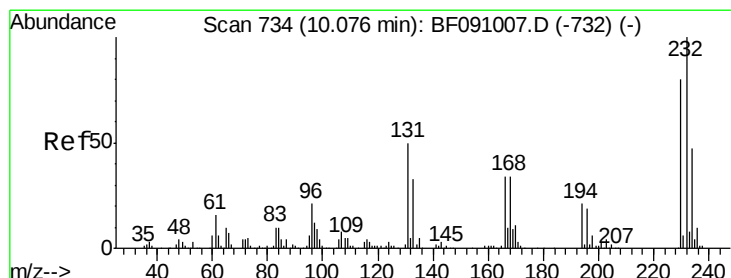
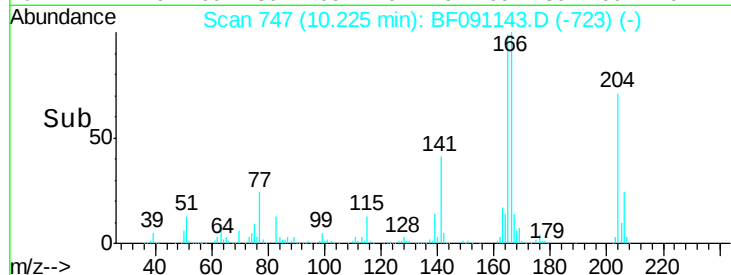
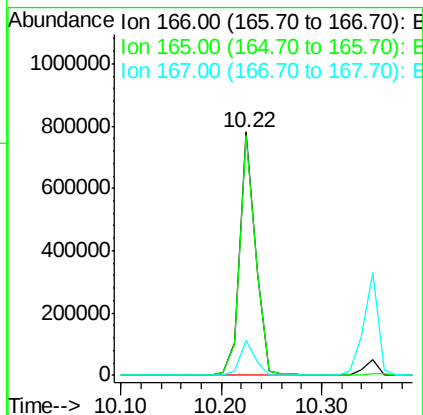
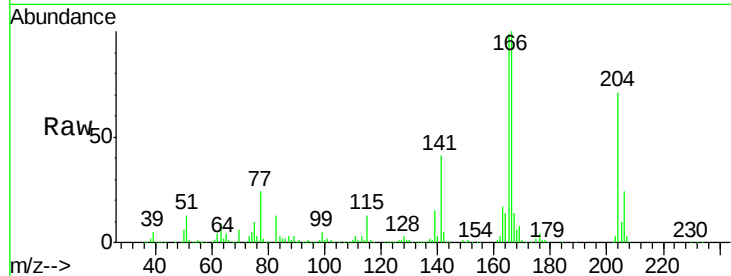
ClientSampleId :

PB94661BSD

Tot Ion:	166	Resp:	853393
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.6	118.0
167	14.4	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.62 ng

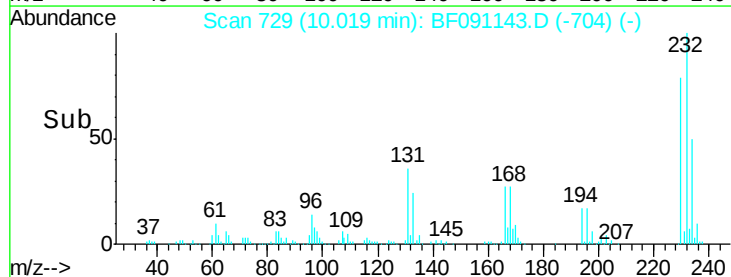
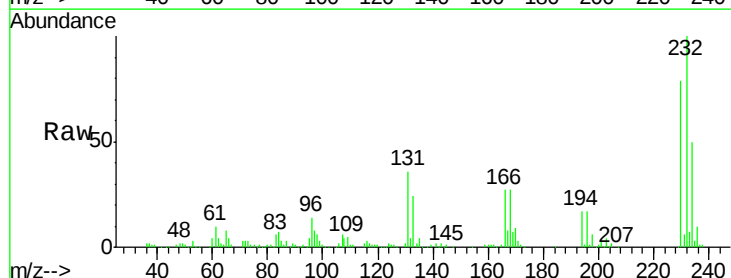
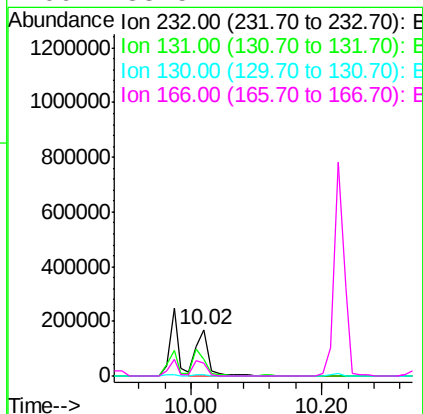
RT: 10.02 min Scan# 729

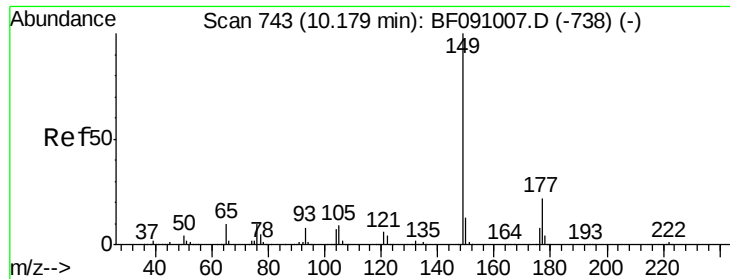
Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Tgt Ion:	232	Resp:	222391
Ion Ratio	Lower	Upper	
232	100		
131	54.7	43.6	65.4
130	2.6	2.0	3.0
166	33.5	27.4	41.2





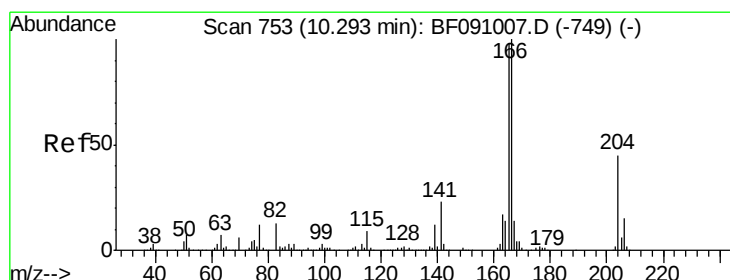
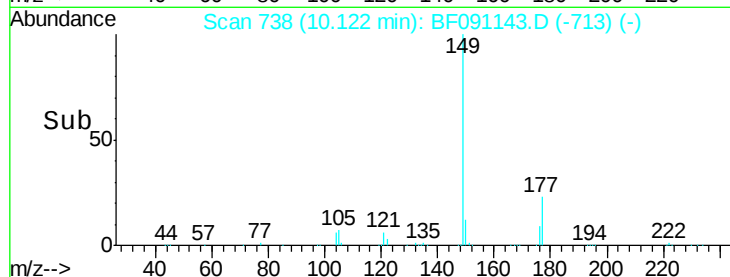
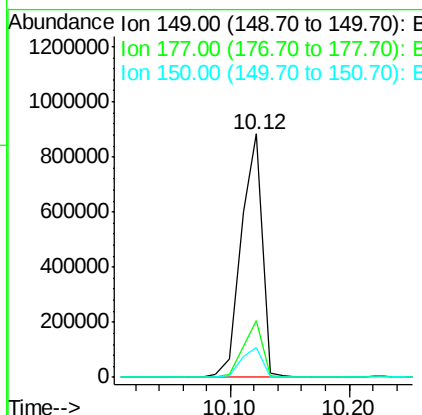
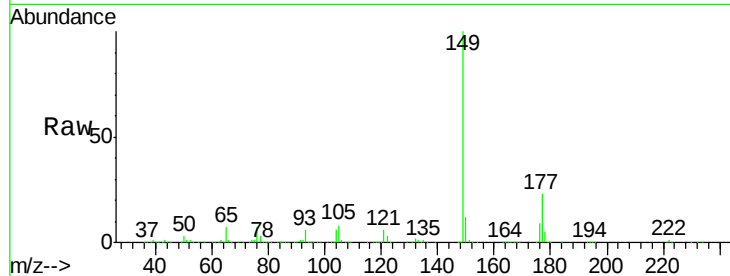
#59
Diethylphthalate
Concen: 41.06 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion:149 Resp: 1089482
Ion Ratio Lower Upper
149 100
177 23.3 17.3 25.9
150 12.2 10.3 15.5

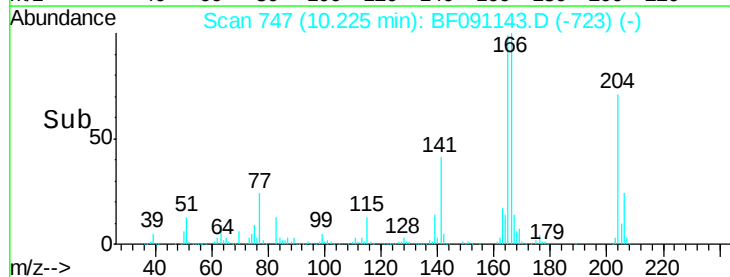
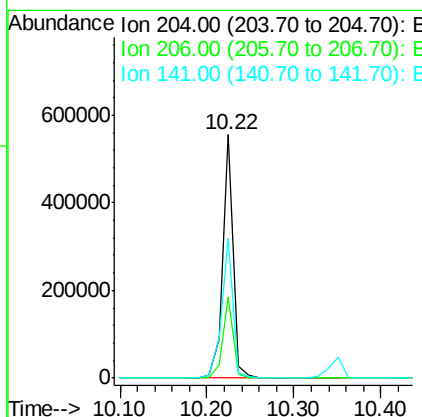
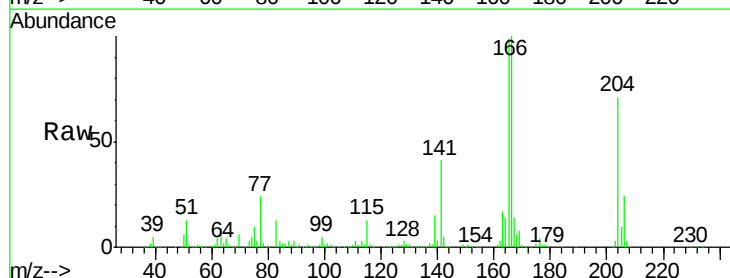
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#60
4-Chlorophenyl-phenylether
Concen: 44.19 ng
RT: 10.22 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion:204 Resp: 473807
Ion Ratio Lower Upper
204 100
206 33.4 27.1 40.7
141 57.6 40.1 60.1





#61

4-Nitroaniline

Concen: 36.08 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

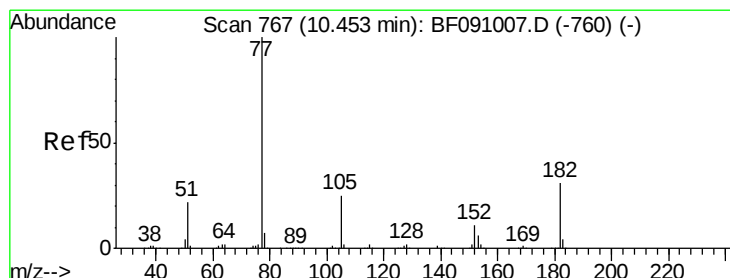
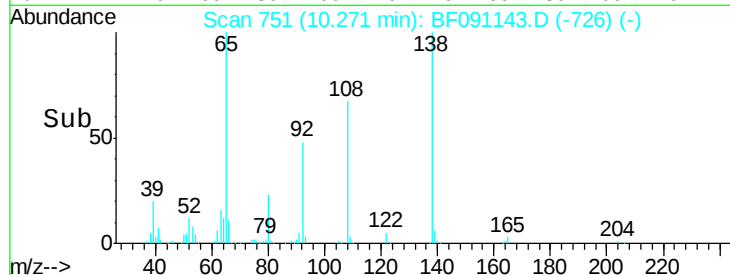
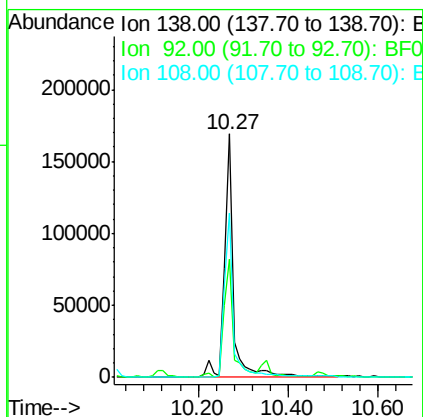
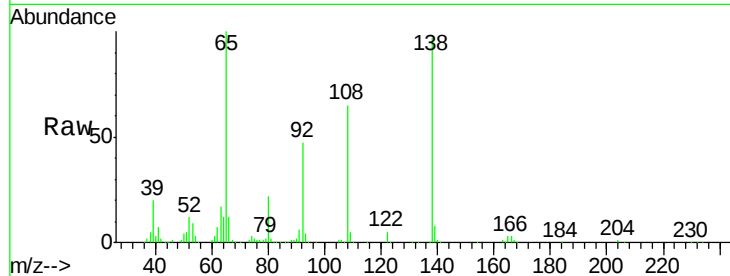
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	32.5	72.5
108	67.4	49.4	89.4

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#62

Azobenzene

Concen: 40.34 ng

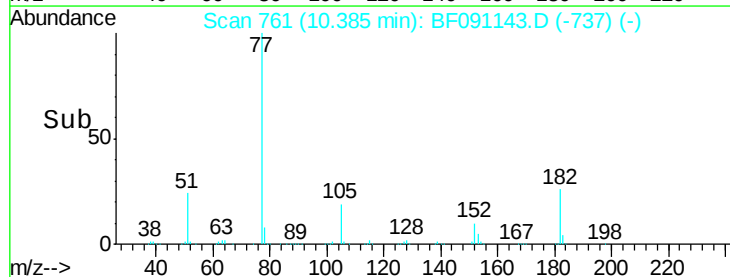
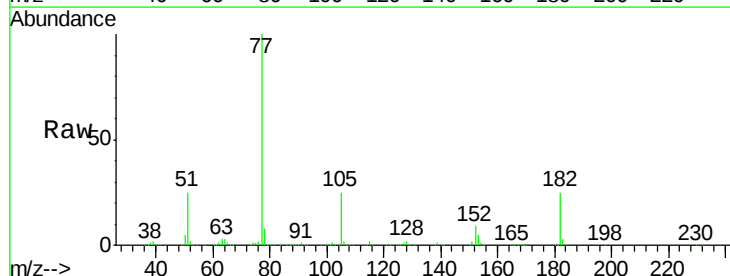
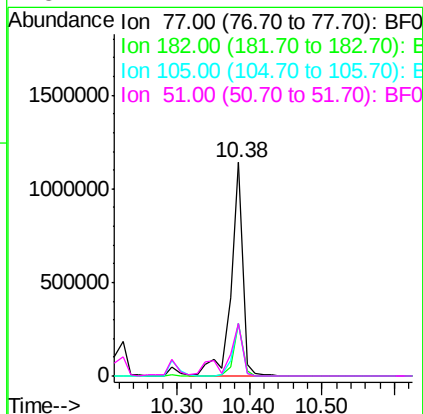
RT: 10.38 min Scan# 761

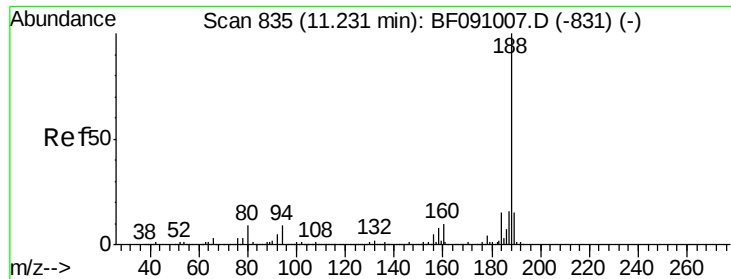
Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

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





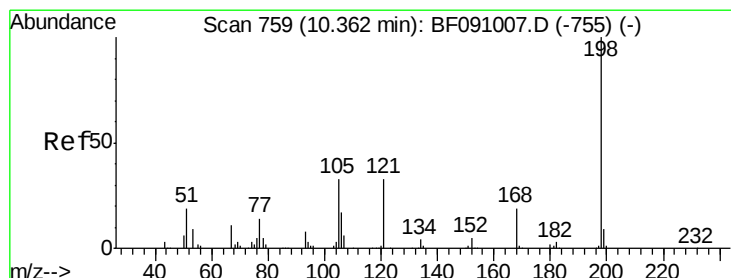
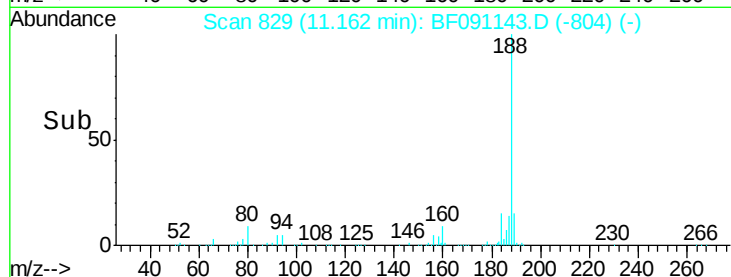
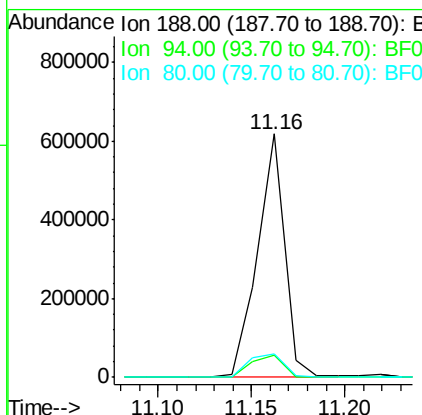
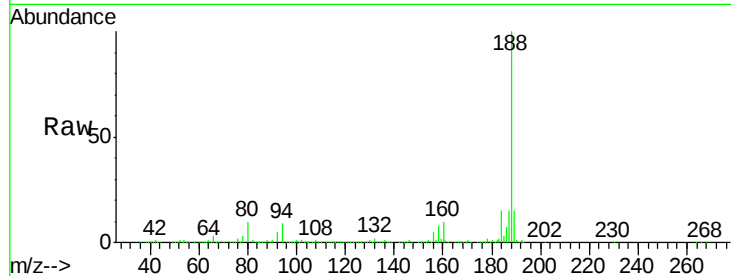
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	620109		
94	9.1		7.0	10.4
80	9.7		7.5	11.3

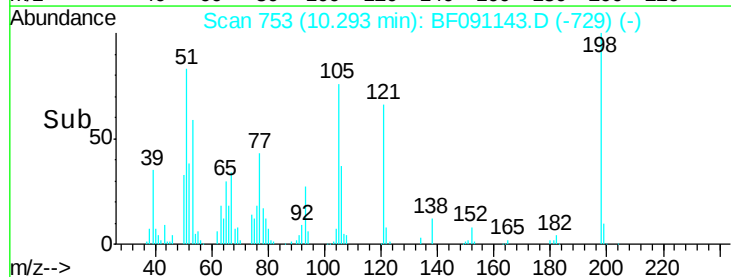
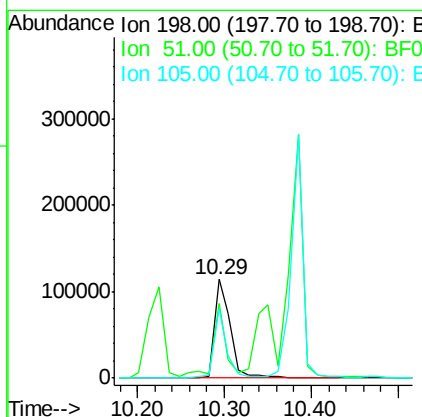
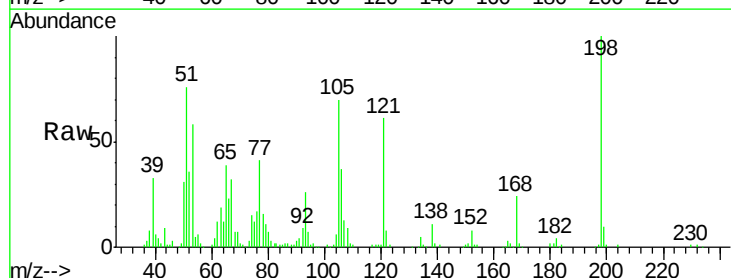
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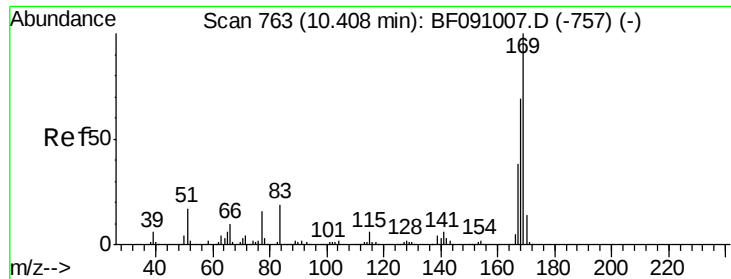
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.95 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	147889		
51	76.1		5.9	45.9#
105	70.2		13.8	53.8#





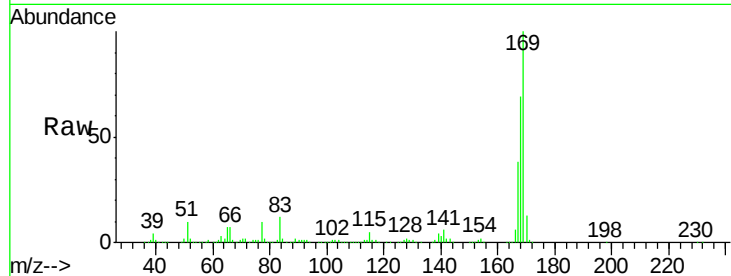
#65
n-Nitrosodiphenylamine
Concen: 45.21 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

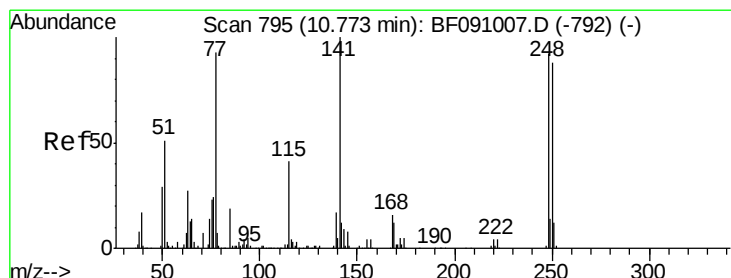
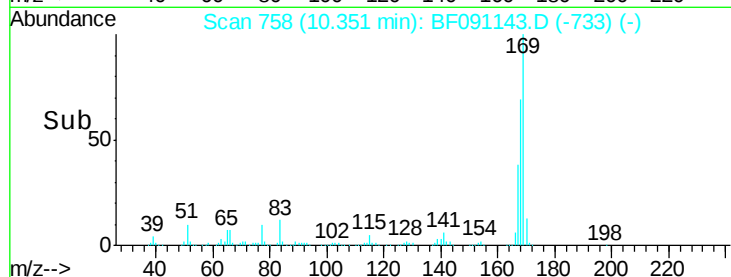
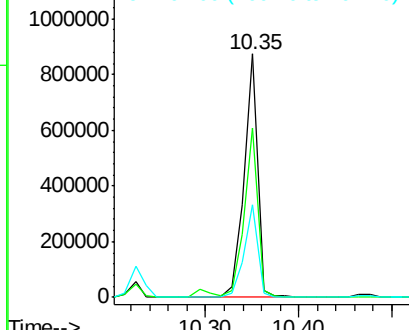
Tot Ion	Ratio	Resp	Lower	Upper
169	100	891118		
168	69.4	55.3	82.9	
167	37.9	30.3	45.5	

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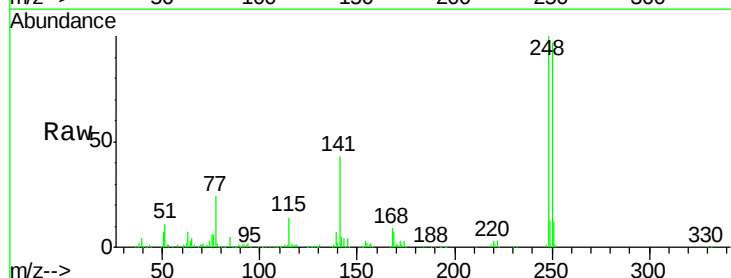


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

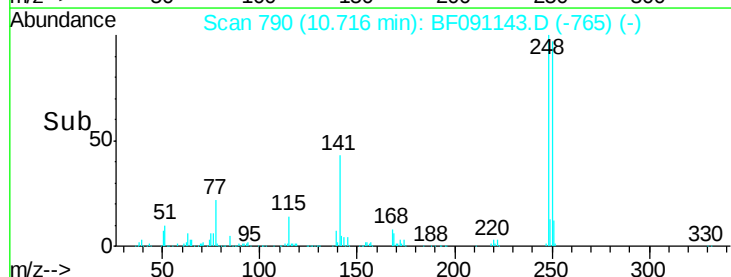
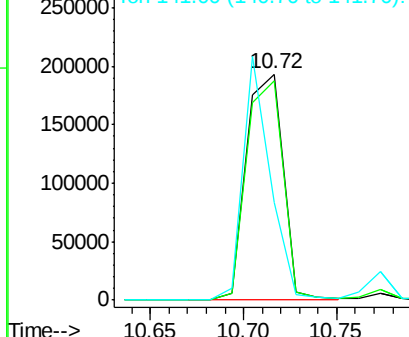


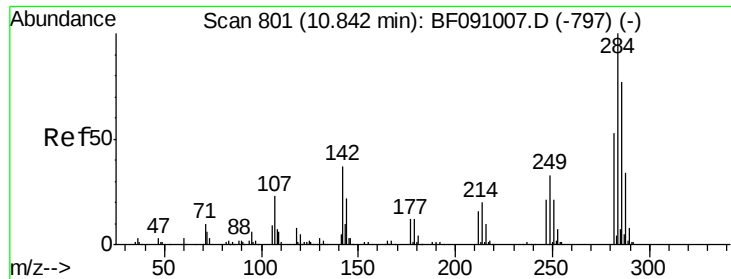
#66
4-Bromophenyl-phenylether
Concen: 41.06 ng
RT: 10.72 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	264864		
250	97.0	76.3	114.5	
141	43.4	86.8	130.2	



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





#67

Hexachlorobenzene

Concen: 41.00 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

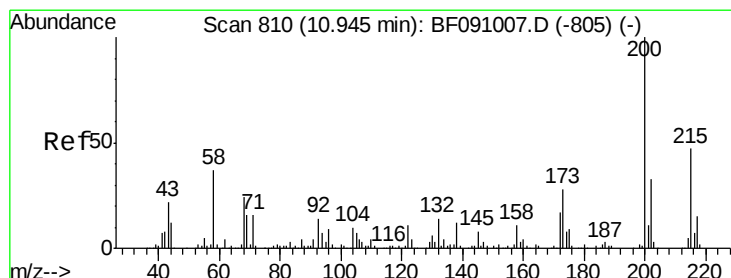
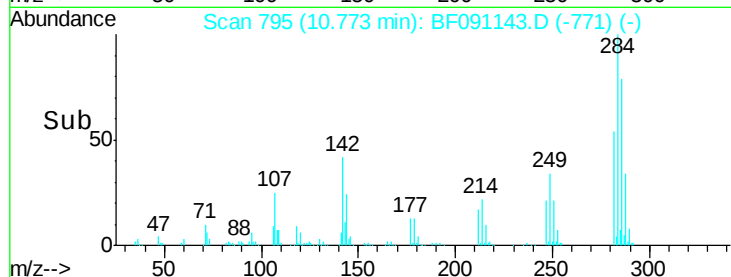
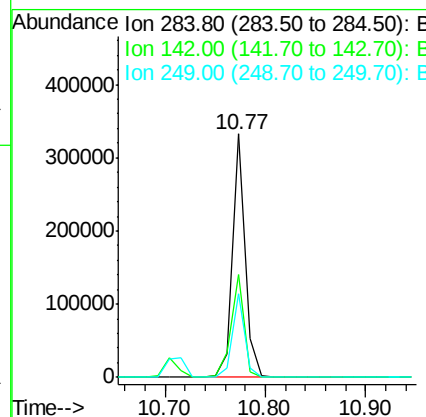
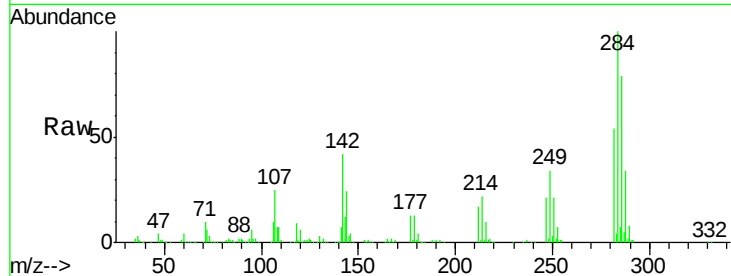
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
284	100	291645		
142	42.4	29.9	44.9	
249	34.4	26.6	39.8	

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#68

Atrazine

Concen: 42.55 ng

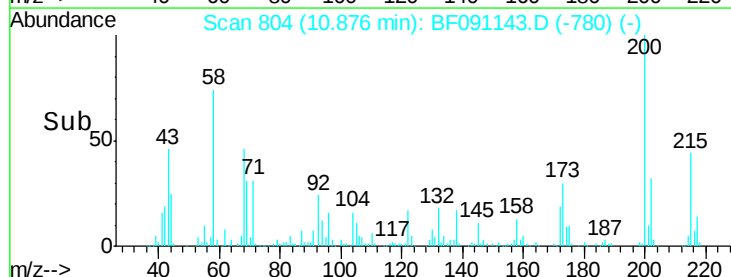
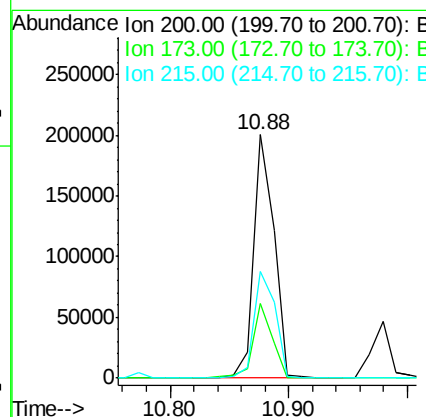
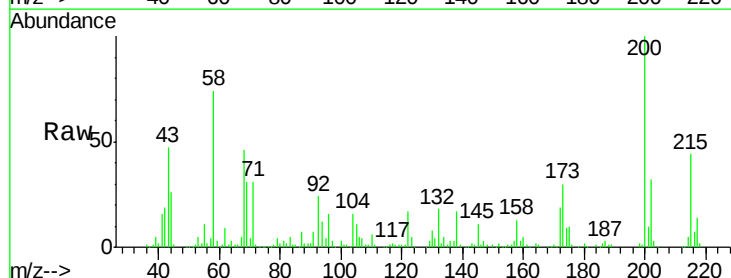
RT: 10.88 min Scan# 804

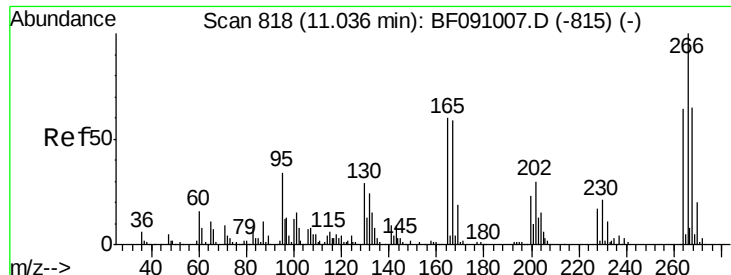
Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	241953		
173	30.4	8.1	48.1	
215	43.8	27.3	67.3	





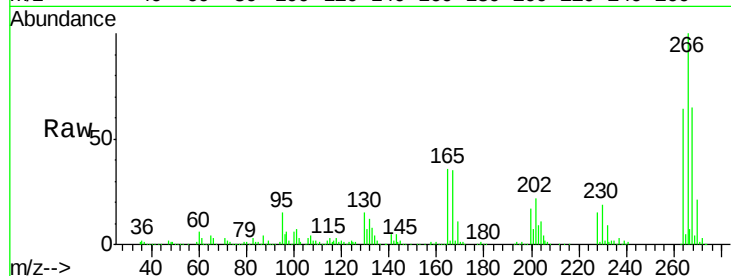
#69
 Pentachlorophenol
 Concen: 91.39 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

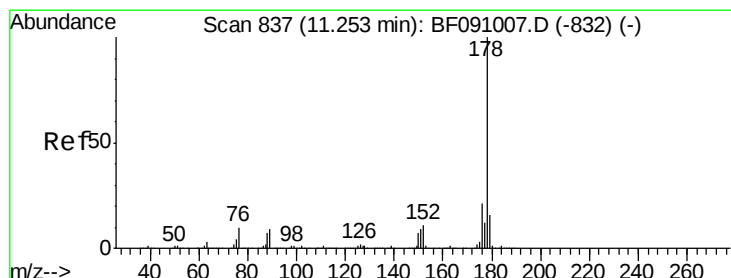
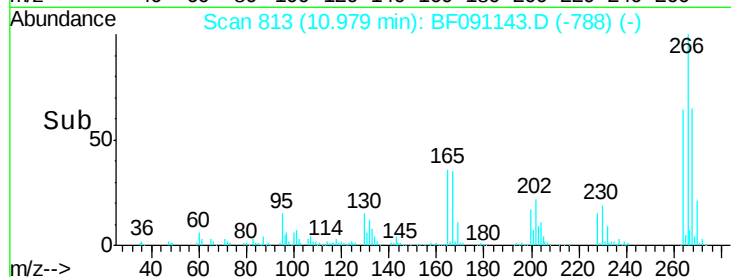
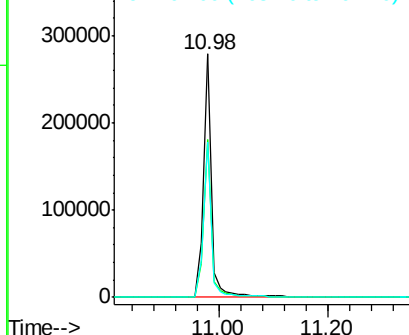
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	52.1	78.1
264	63.9	51.1	76.7

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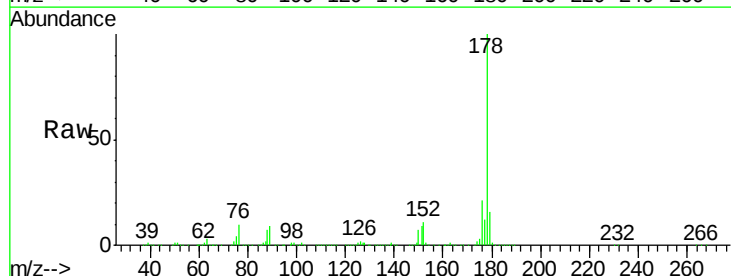


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

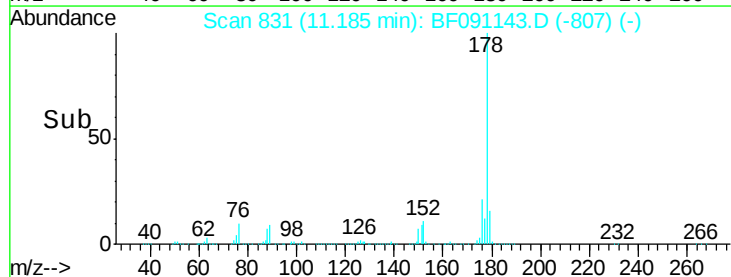
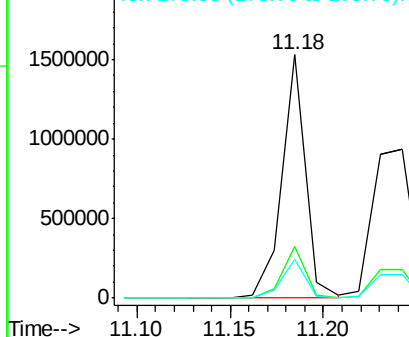


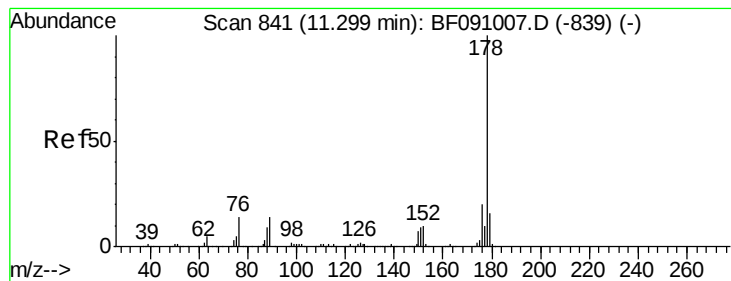
#70
 Phenanthrene
 Concen: 40.85 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	25.0
179	16.2	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: 38.87 ng
 RT: 11.24 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

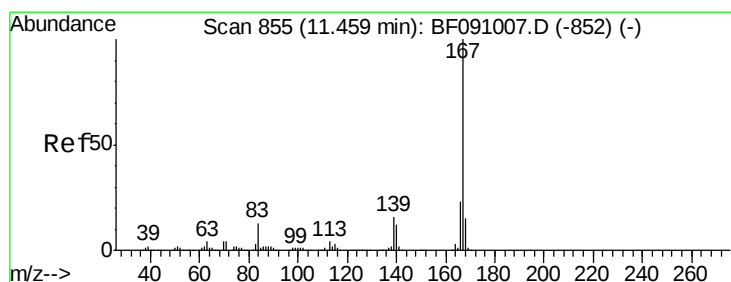
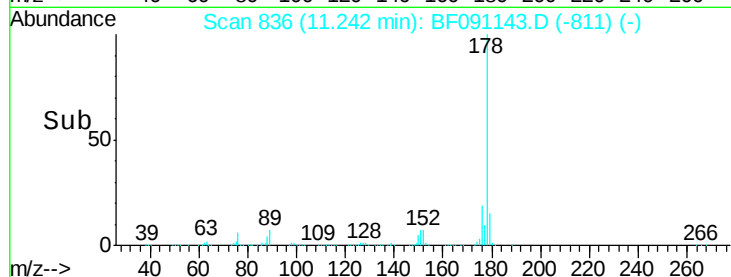
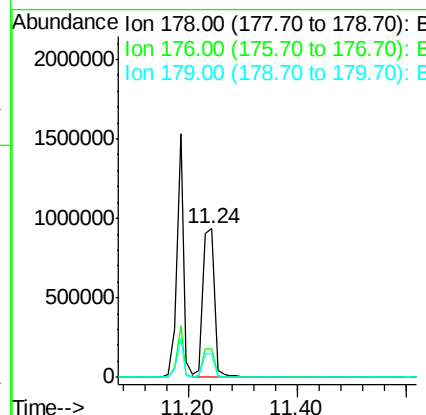
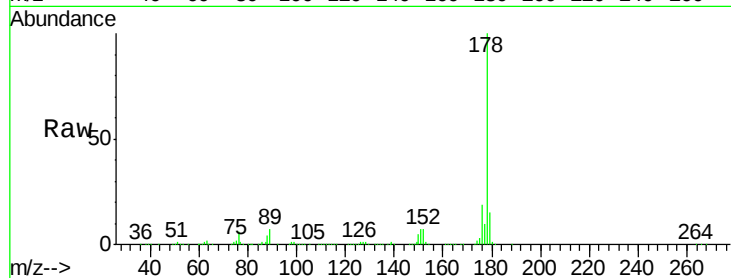
Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion:178 Resp: 1362393

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.5	13.0	19.6

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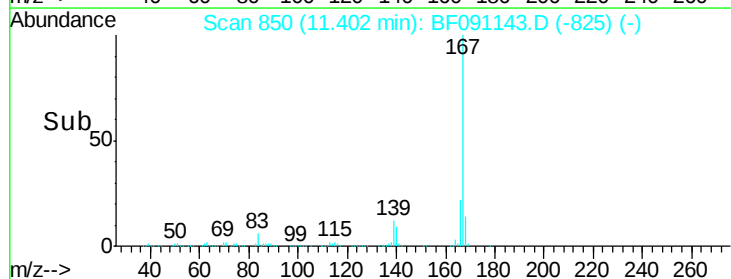
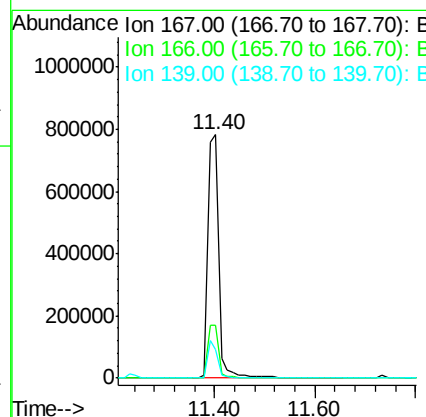
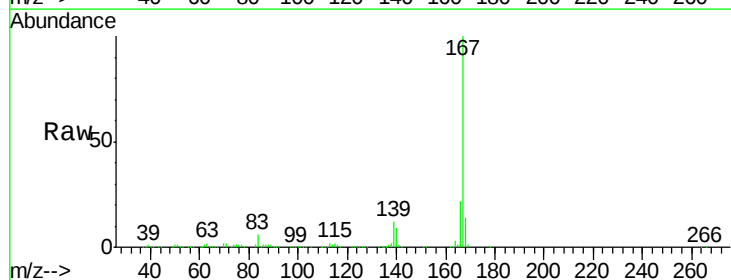
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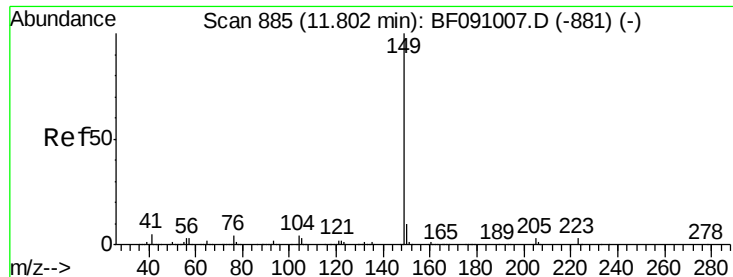


#72
 Carbazole
 Concen: 37.34 ng
 RT: 11.40 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion:167 Resp: 1179464

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	12.0	12.6	18.8#





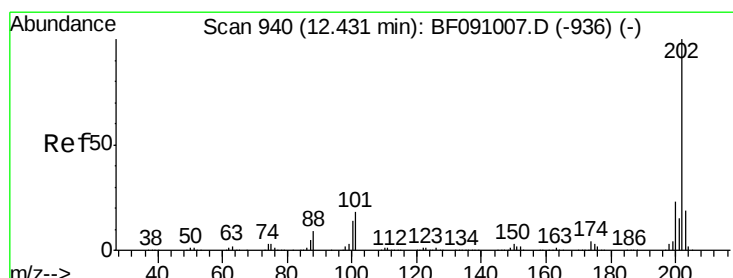
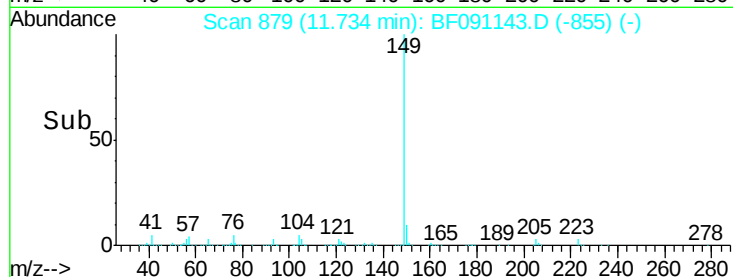
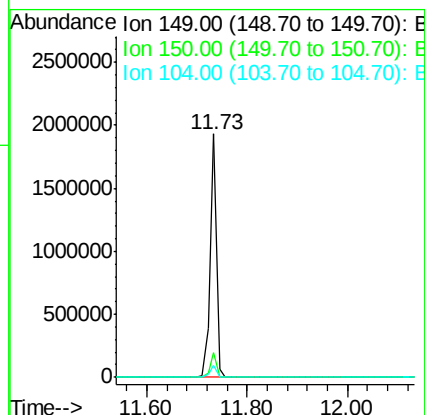
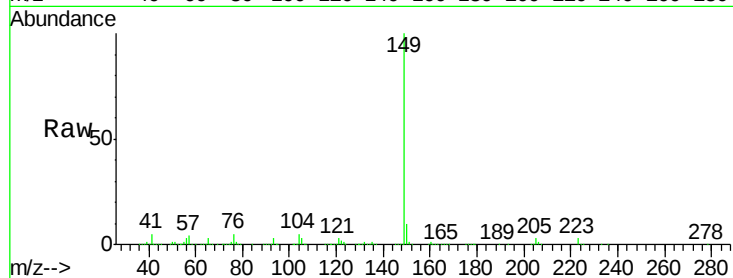
#73
Di-n-butylphthalate
Concen: 41.69 ng
RT: 11.73 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion:149 Resp: 1656048
Ion Ratio Lower Upper
149 100
150 10.0 7.7 11.5
104 5.0 3.6 5.4

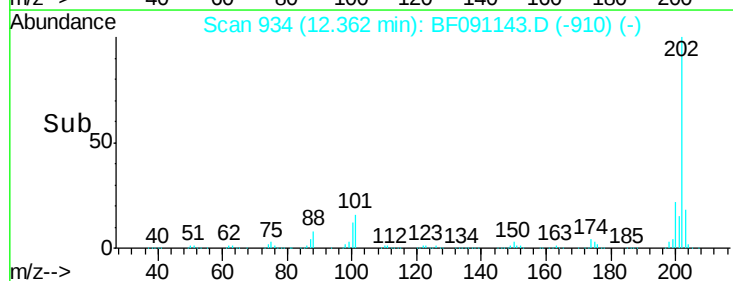
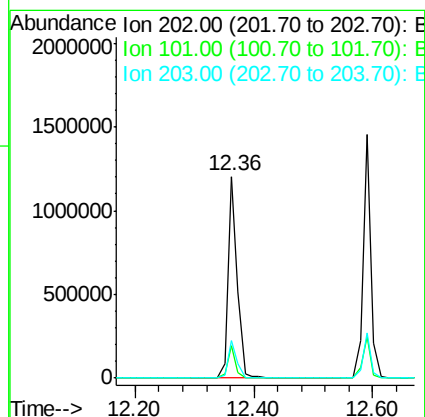
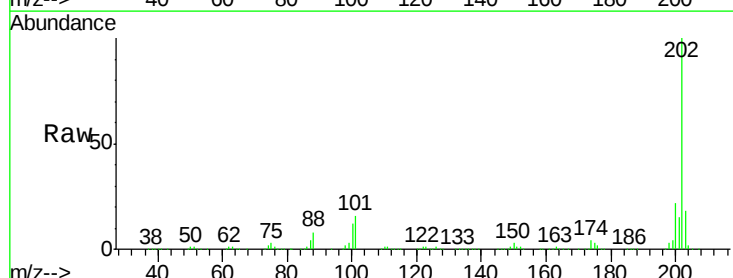
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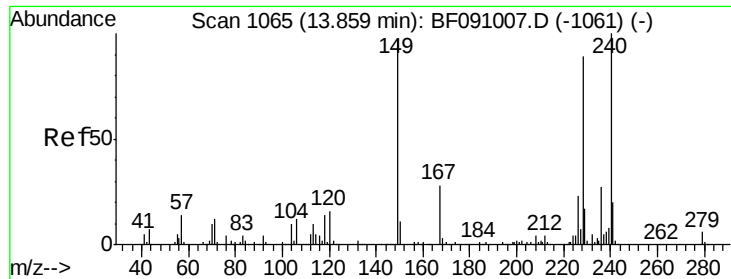
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#74
Fluoranthene
Concen: 37.58 ng
RT: 12.36 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion:202 Resp: 1284871
Ion Ratio Lower Upper
202 100
101 16.2 0.0 37.6
203 18.5 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

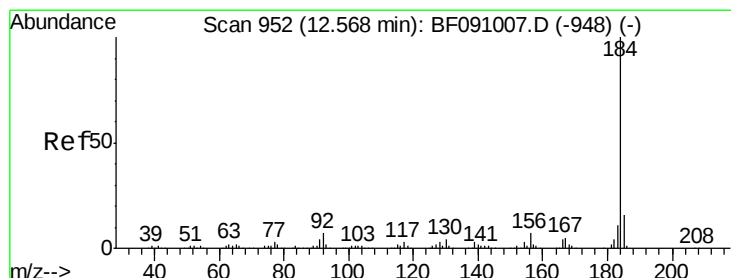
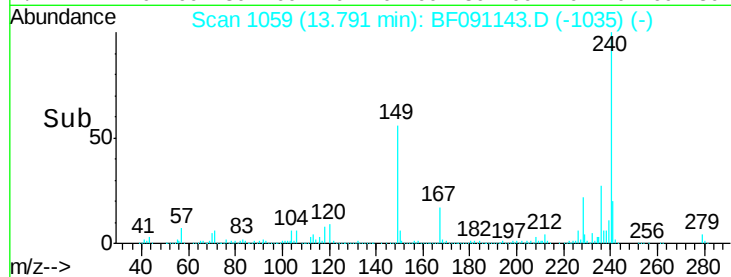
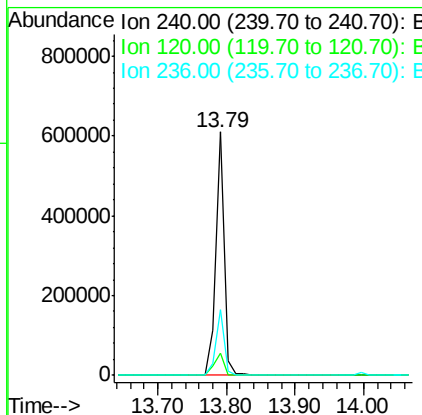
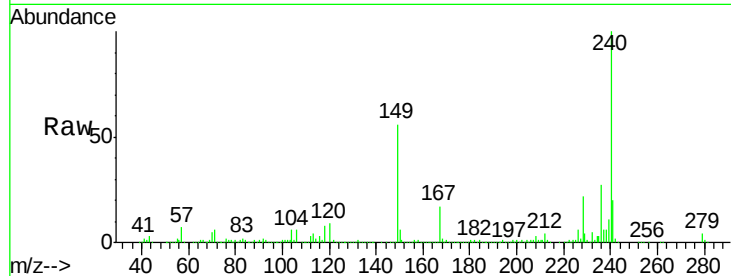
ClientSampleId :

PB94661BSD

Tot Ion:	240	Resp:	535516
Ion Ratio		Lower	Upper
240	100		
120	9.4	12.9	19.3#
236	27.2	21.9	32.9

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#76

Benzidine

Concen: 38.37 ng

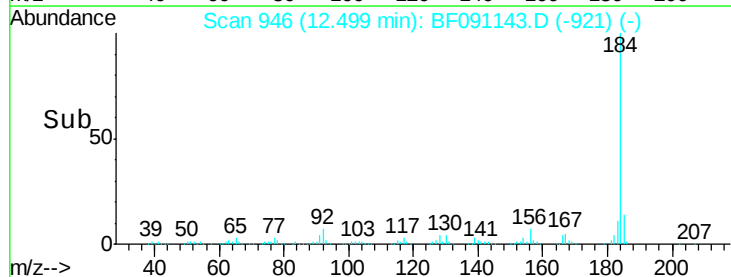
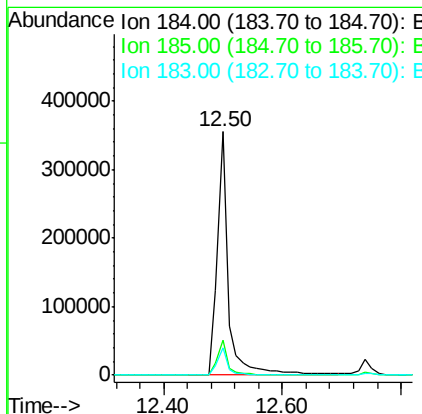
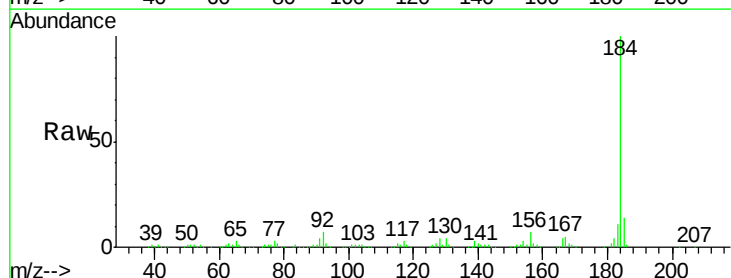
RT: 12.50 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Tgt Ion:	184	Resp:	459043
Ion Ratio		Lower	Upper
184	100		
185	14.3	13.0	19.4
183	11.3	8.7	13.1





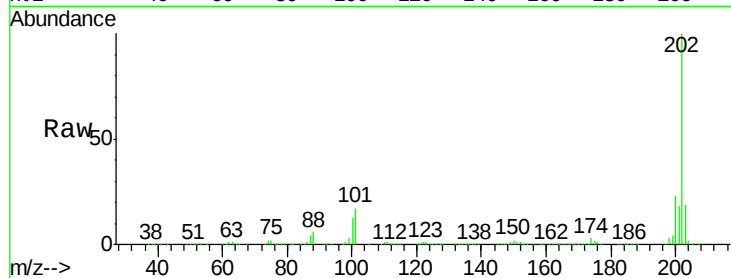
#77
Pvrene
Concen: 37.36 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

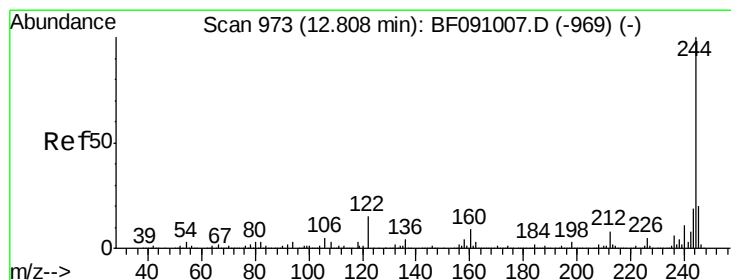
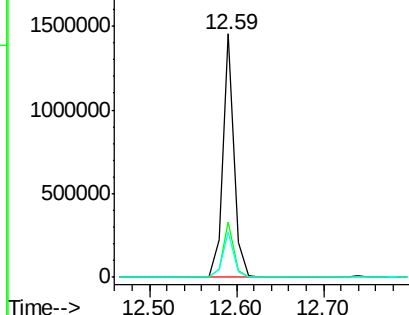
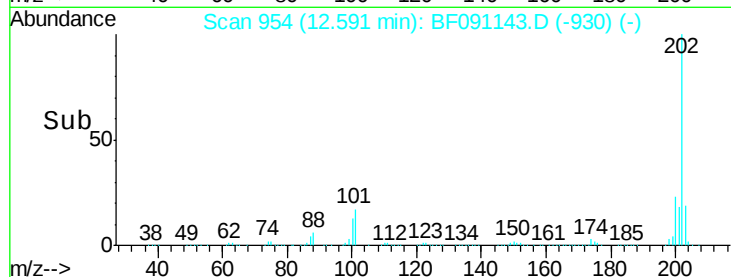
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.4	27.6
203	18.6	15.0	22.6

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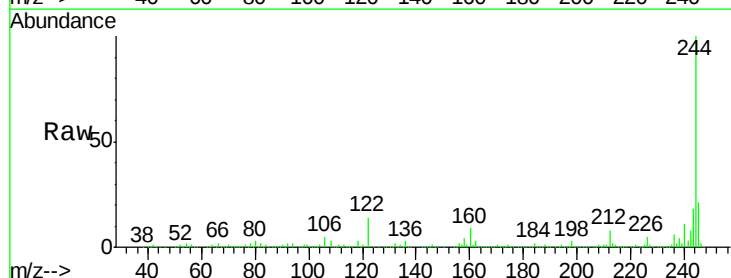


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

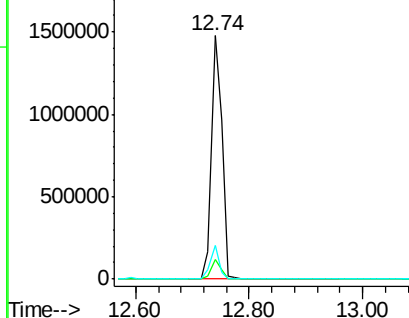
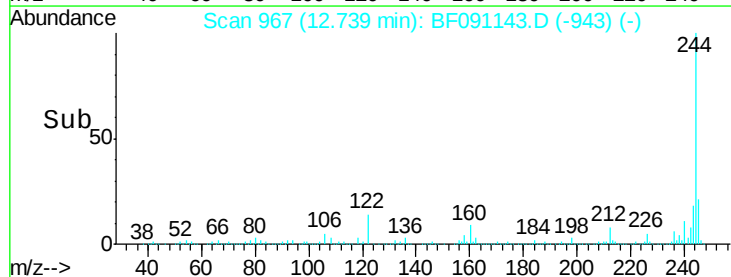


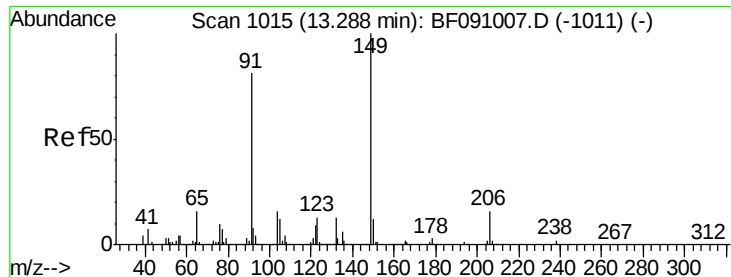
#78
Terphenyl-d14
Concen: 85.39 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	13.9	12.3	18.5



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





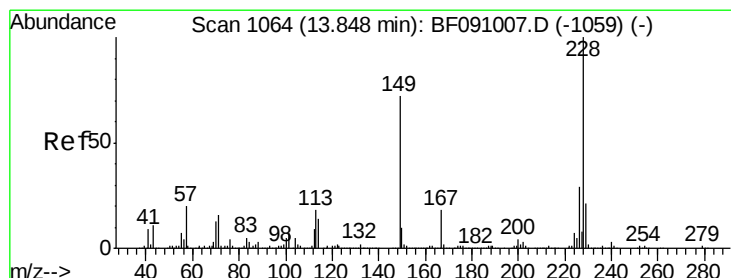
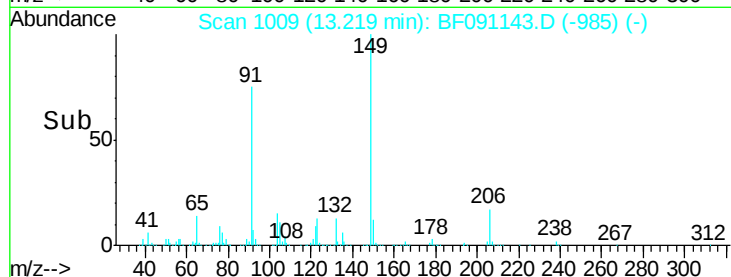
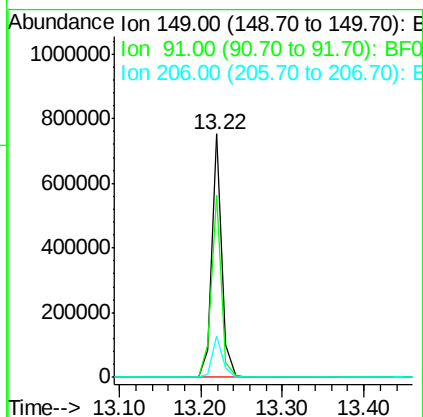
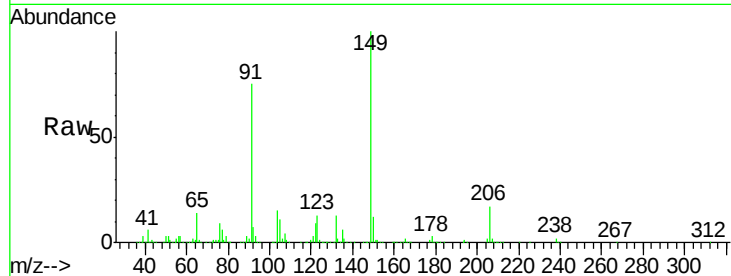
#79
Butylbenzylphthalate
Concen: 38.85 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	65.0	97.4
206	16.9	12.5	18.7

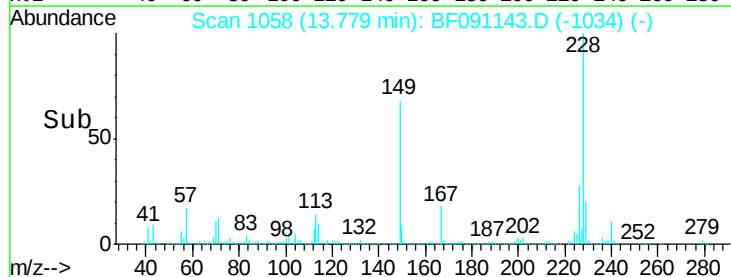
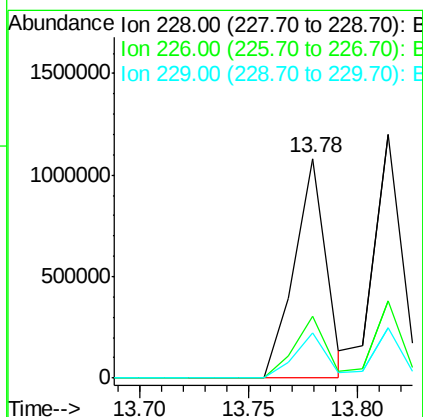
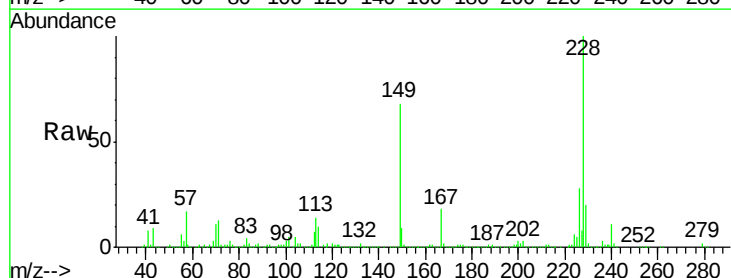
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#80
Benzo(a)anthracene
Concen: 36.39 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.3	16.6	24.8





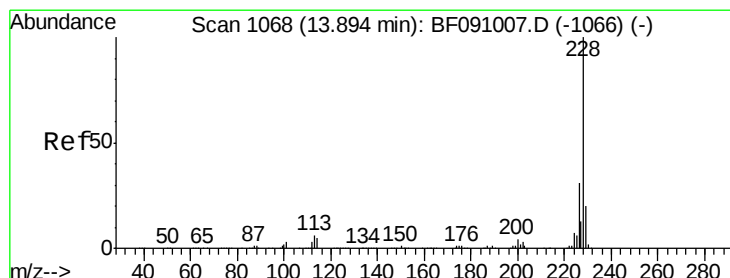
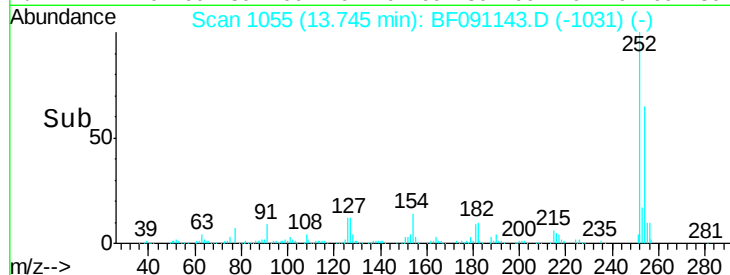
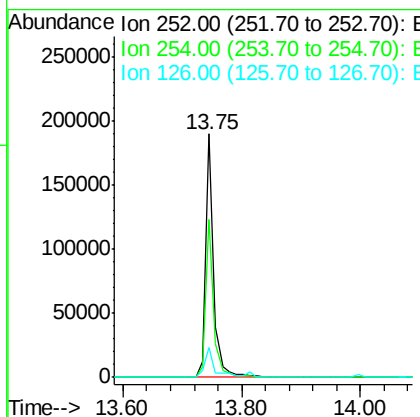
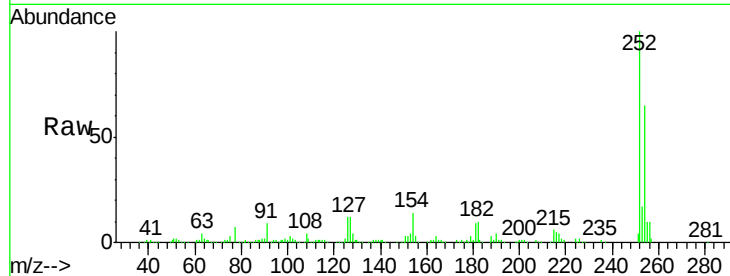
#81
 3,3'-Dichlorobenzidine
 Concen: 17.11 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	182752		
254	64.8	52.0	78.0	
126	12.4	5.4	8.2	

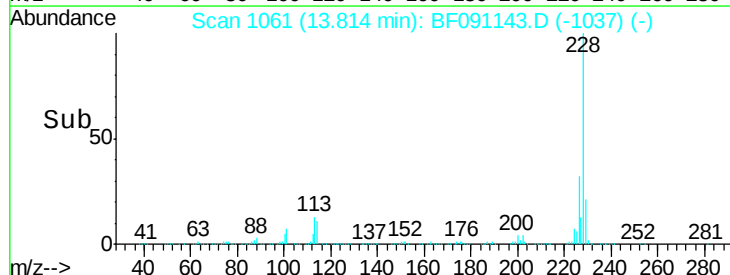
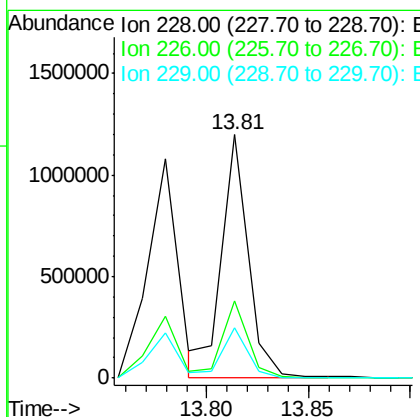
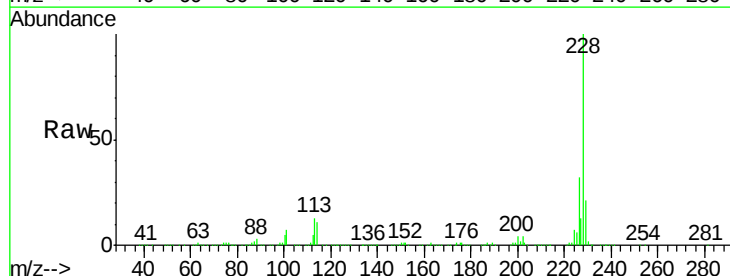
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#82
 Chrysene
 Concen: 35.92 ng m
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1076989		
226	31.9	24.9	37.3	
229	20.7	15.9	23.9	





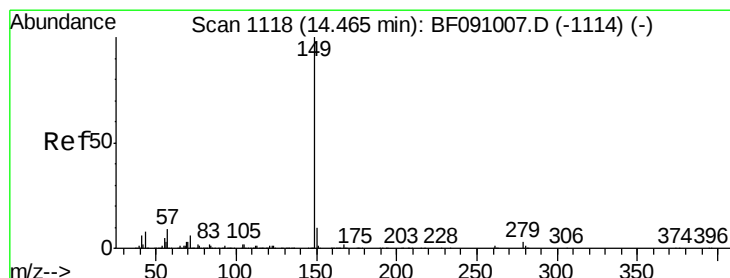
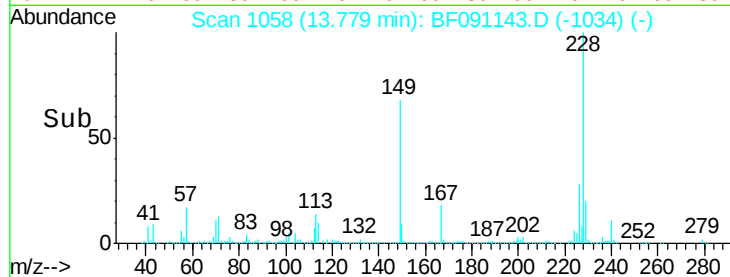
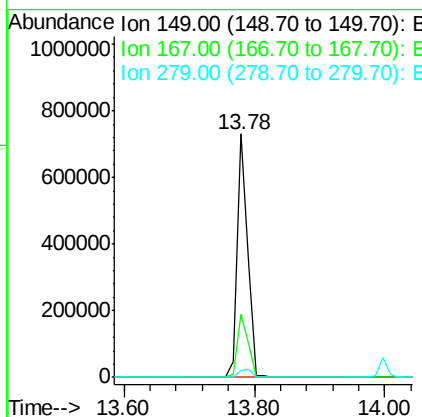
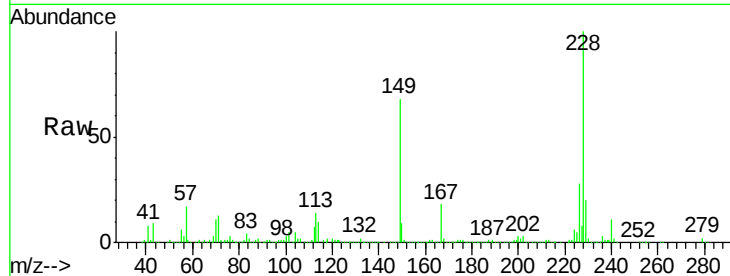
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.35 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	779810		
167	26.1		20.4	30.6
279	2.7		1.6	2.4#

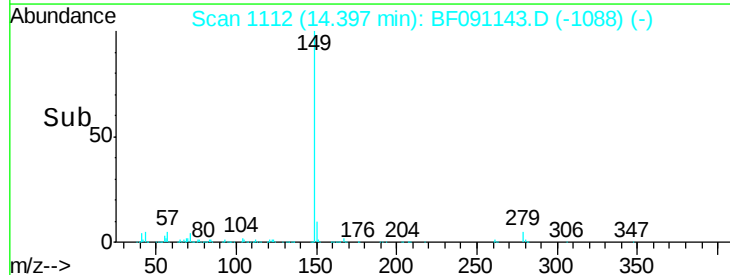
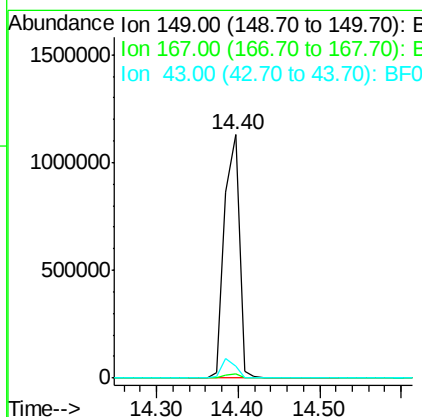
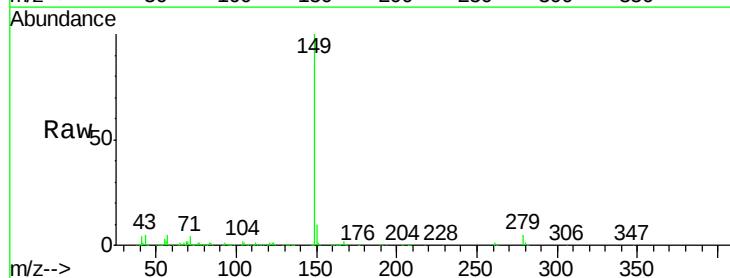
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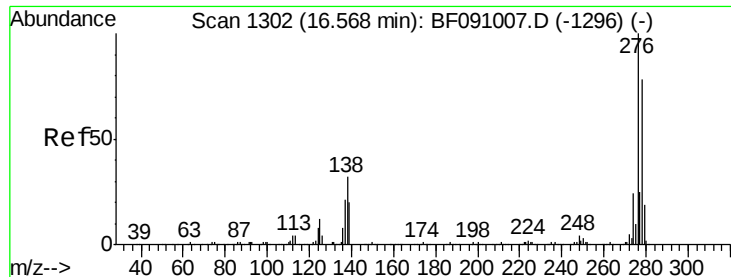
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#84
 Di-n-octyl phthalate
 Concen: 37.94 ng
 RT: 14.40 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1416074		
167	1.6		1.2	1.8
43	7.3		8.2	12.4#





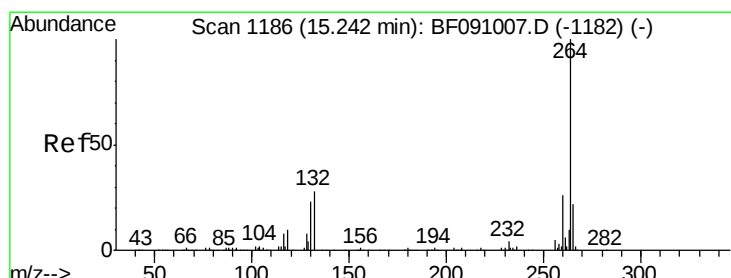
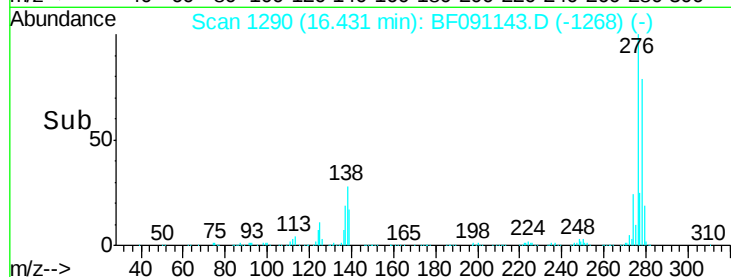
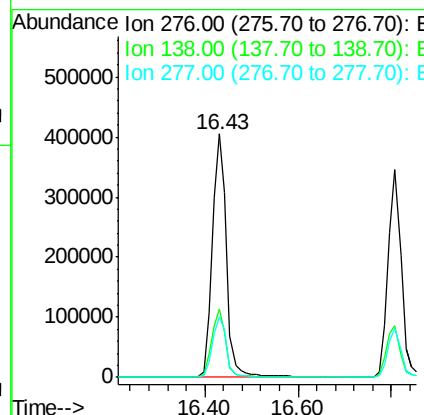
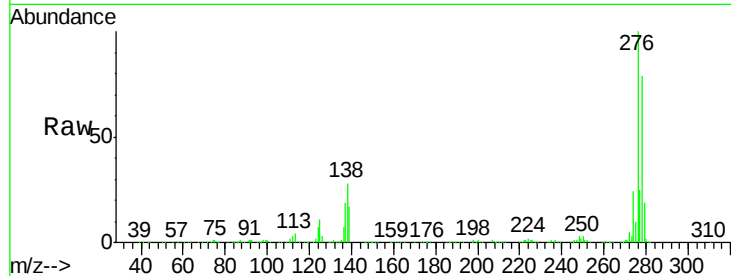
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.90 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	26.0	39.0
277	25.0	20.1	30.1

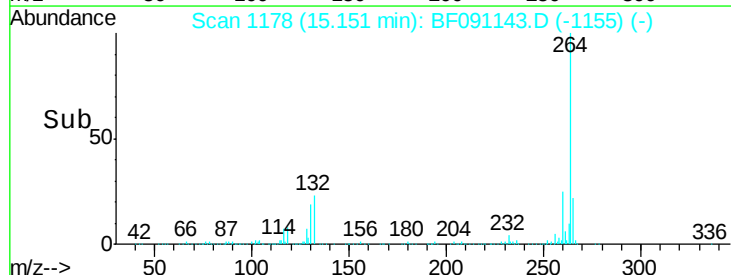
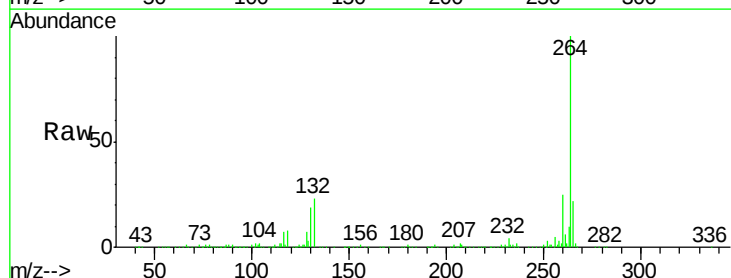
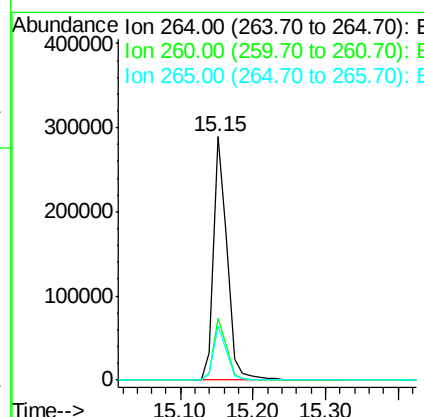
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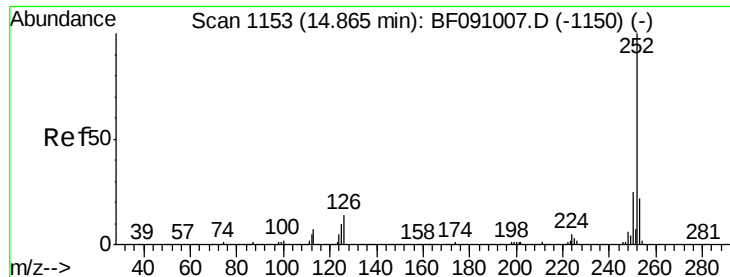
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	22.2	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 43.42 ng m

RT: 14.79 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF091143.D

Acq: 11 Nov 2016 16:38

Instrument :

BNA_F

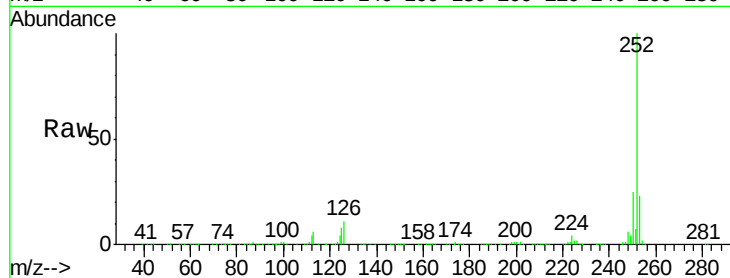
ClientSampleId :

PB94661BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.5	8.3	12.5

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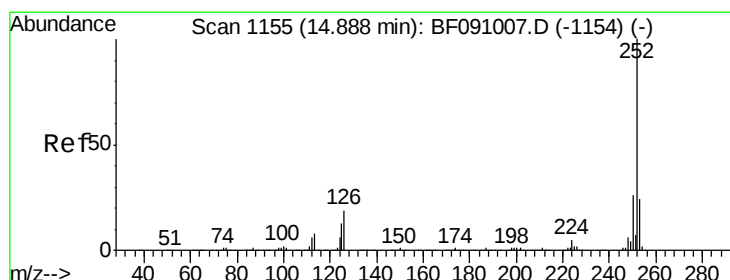
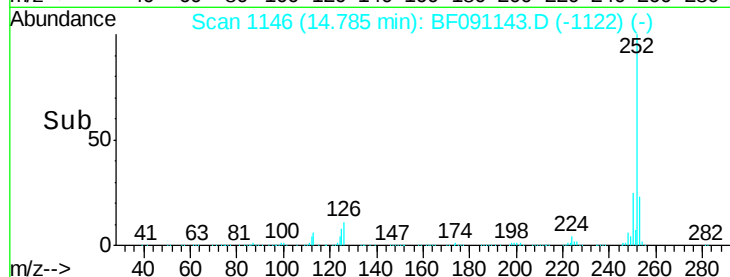
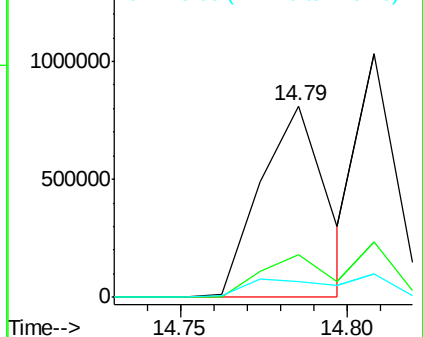
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.74 ng m

RT: 14.81 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF091143.D

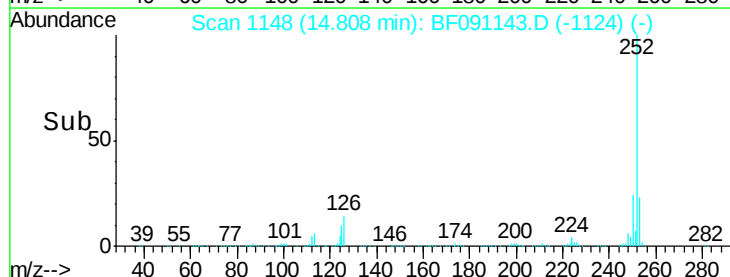
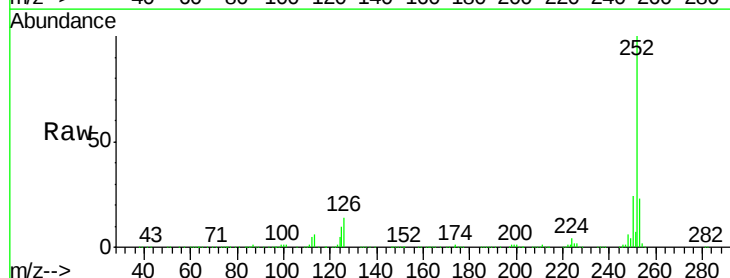
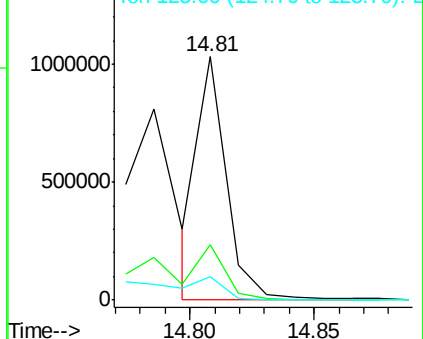
Acq: 11 Nov 2016 16:38

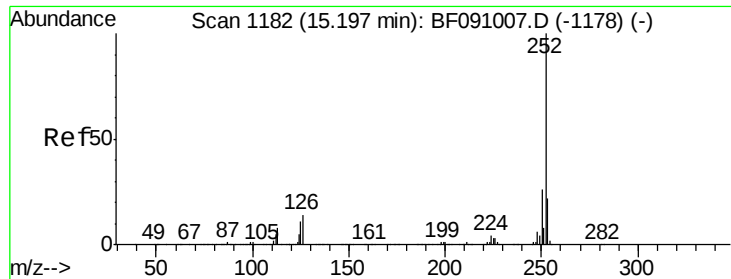
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	9.9	11.2	16.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





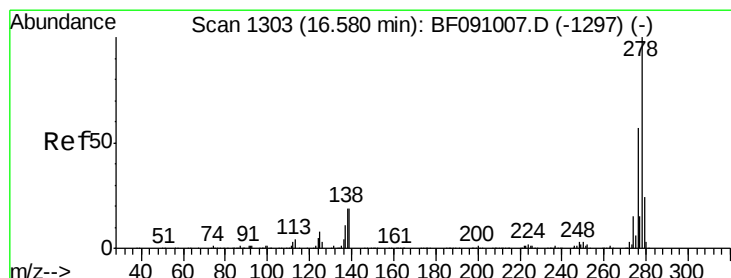
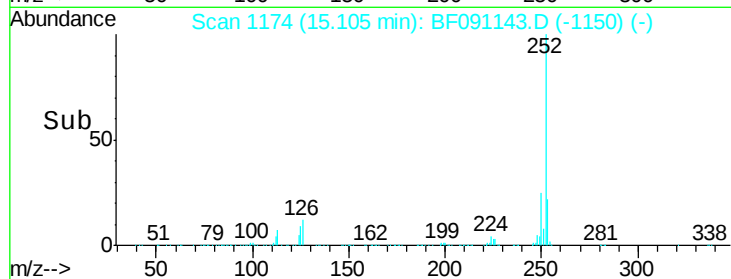
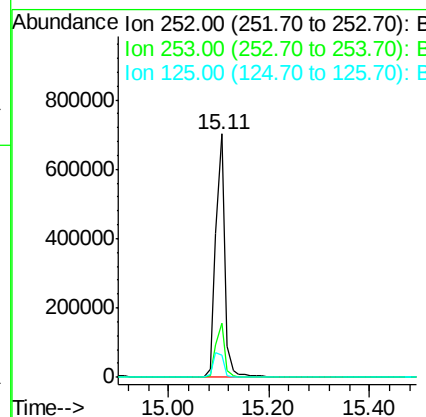
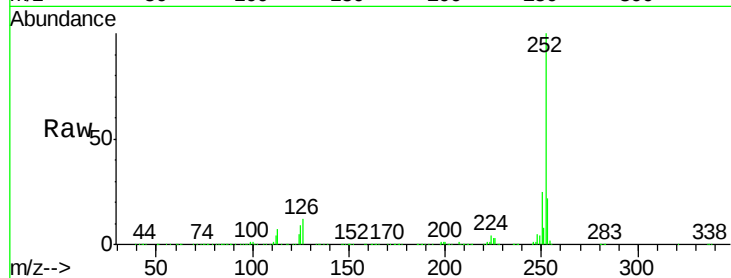
#89
Benzo(a)pyrene
Concen: 39.54 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB94661BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.1	8.6	13.0

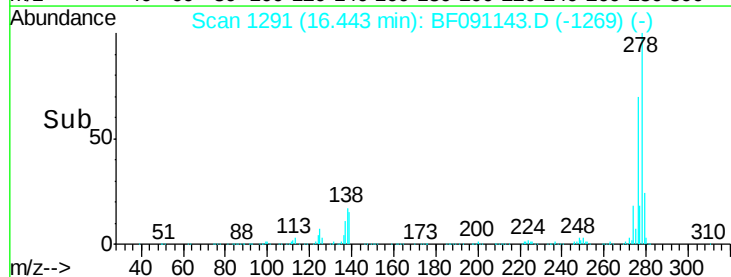
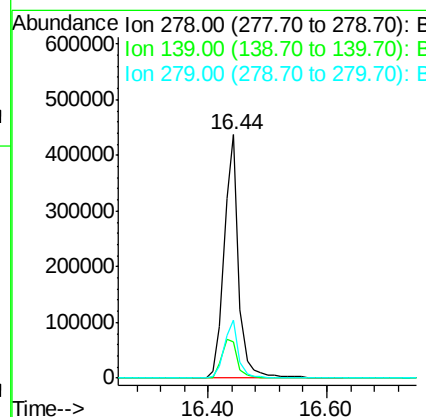
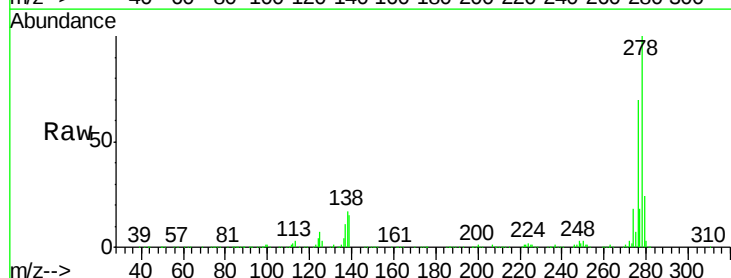
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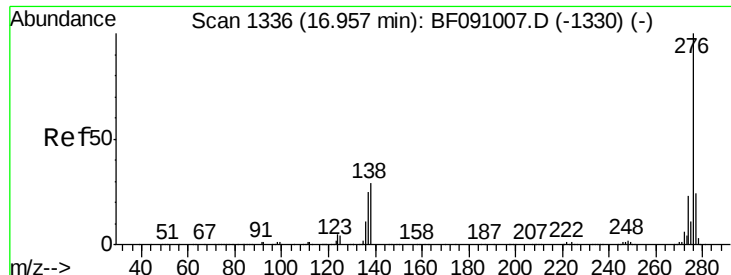
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#90
Dibenzo(a,h)anthracene
Concen: 38.22 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091143.D
Acq: 11 Nov 2016 16:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.3	22.9#
279	23.8	19.3	28.9





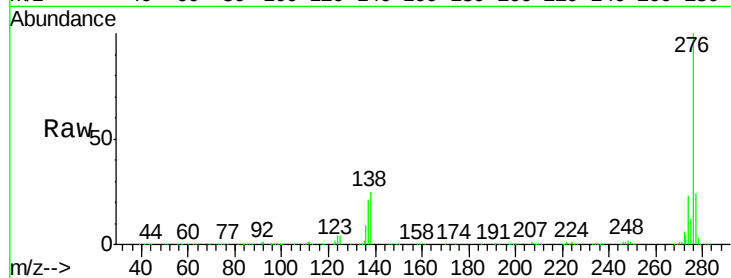
#91
 Benzo(a,h,i)perylene
 Concen: 39.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.05 min
 Lab File: BF091143.D
 Acq: 11 Nov 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.6	19.2	28.8		
138	25.0	23.3	34.9		

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

