

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091548.D
 Acq On : 13 Dec 2016 12:37
 Operator : UM/SJ
 Sample : PB95236BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Manual Integrations
 APPROVED

sohil
 12/14/2016 6:22:35 PM

Quant Time: Dec 14 00:34:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	319334	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1251511	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	639367	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1030335	20.00	ng	0.00
75) Chrysene-d12	13.96	240	645899	20.00	ng	0.00
86) Perylene-d12	15.38	264	666161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2518526	132.87	ng	0.02
7) Phenol-d6	6.46	99	2872003	121.54	ng	0.01
23) Nitrobenzene-d5	7.38	82	2010010	89.64	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	722041	135.96	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3340304	90.27	ng	0.00
78) Terphenyl-d14	12.92	244	2812008	98.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	351571	35.14	ng	# 85
3) Pyridine	3.17	79	1043084	39.13	ng	# 83
4) n-Nitrosodimethylamine	3.13	42	489145	42.71	ng	# 65
6) Aniline	6.48	93	653098	21.08	ng	# 1
8) 2-Chlorophenol	6.60	128	884964	41.36	ng	90
9) Benzaldehyde	6.35	77	170080	10.46	ng	97
10) Phenol	6.48	94	1208776	43.75	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	932575	44.93	ng	87
12) 1,3-Dichlorobenzene	6.75	146	922702m	39.77	ng	
13) 1,4-Dichlorobenzene	6.83	146	933389	40.79	ng	97
14) 1,2-Dichlorobenzene	6.99	146	901229m	43.70	ng	
15) Benzyl Alcohol	6.97	79	813605	43.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1388922	43.18	ng	82
17) 2-Methylphenol	7.08	107	768891	43.43	ng	# 77
18) Hexachloroethane	7.33	117	373675	41.84	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	706423	47.81	ng	# 73
20) 3+4-Methylphenols	7.24	107	948948	49.98	ng	87
22) Acetophenone	7.23	105	1308216	43.63	ng	# 96
24) Nitrobenzene	7.40	77	1103362	46.57	ng	# 86
25) Isophorone	7.64	82	1844412	46.27	ng	100
26) 2-Nitrophenol	7.72	139	516806	49.43	ng	# 66
27) 2,4-Dimethylphenol	7.77	122	920076	50.10	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	1208268	51.68	ng	97
29) 2,4-Dichlorophenol	7.96	162	735973	46.06	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	789499	43.47	ng	99
31) Naphthalene	8.12	128	2483553	42.65	ng	99
32) Benzoic acid	7.89	122	550811	42.43	ng	95
33) 4-Chloroaniline	8.17	127	234000	9.33	ng	97
34) Hexachlorobutadiene	8.25	225	454880	43.69	ng	99
35) Caprolactam	8.54	113	241460m	51.74	ng	
36) 4-Chloro-3-methylphenol	8.67	107	854416	47.68	ng	94
37) 2-Methylnaphthalene	8.82	142	1742392	46.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	638921	36.43	ng	98
40) Hexachlorocyclopentadiene	8.97	237	769528	98.43	ng	99

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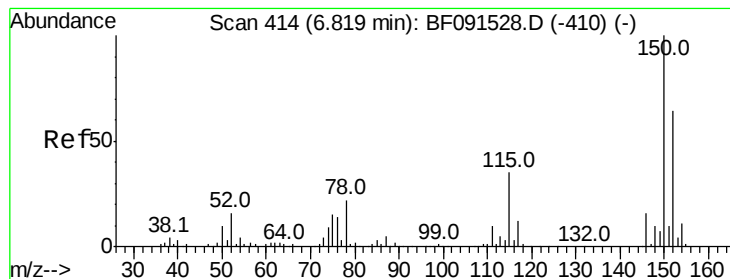
Manual Integrations
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Quant Time: Dec 14 00:34:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	493740	43.82	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	499160	43.11	nq #	83
45) 1,1'-Biphenyl	9.28	154	1889235	40.80	nq	99
46) 2-Chloronaphthalene	9.30	162	1482960	41.35	nq	98
47) 2-Nitroaniline	9.40	65	567378	47.05	nq	95
48) Acenaphthylene	9.72	152	2463252	45.06	nq	99
49) Dimethylphthalate	9.58	163	1780619	43.98	nq	98
50) 2,6-Dinitrotoluene	9.64	165	420974	47.38	nq	90
51) Acenaphthene	9.89	154	1733231	45.65	nq	97
52) 3-Nitroaniline	9.80	138	179958	17.24	nq	89
53) 2,4-Dinitrophenol	9.92	184	357021	71.64	nq	90
54) Dibenzofuran	10.06	168	2182022	46.45	nq	93
55) 4-Nitrophenol	9.98	139	618240	79.61	nq	90
56) 2,4-Dinitrotoluene	10.04	165	494210	44.37	nq #	58
57) Fluorene	10.41	166	1543998	46.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	417005	46.00	nq	91
59) Diethylphthalate	10.28	149	1745310	44.77	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	710733	42.08	nq #	84
61) 4-Nitroaniline	10.43	138	452078	43.58	nq	88
62) Azobenzene	10.56	77	2166000	49.03	nq	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	282905	45.38	nq #	46
65) n-Nitrosodiphenylamine	10.51	169	1487050	48.41	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	503160	47.63	nq #	82
67) Hexachlorobenzene	10.94	284	483287	44.00	nq #	73
68) Atrazine	11.05	200	514813	52.12	nq	99
69) Pentachlorophenol	11.15	266	552292	89.34	nq	97
70) Phenanthrene	11.36	178	2239816	43.90	nq	98
71) Anthracene	11.41	178	2580358	46.89	nq	99
72) Carbazole	11.56	167	2089148	43.31	nq	98
73) Di-n-butylphthalate	11.90	149	2769801	49.28	nq	99
74) Fluoranthene	12.54	202	2479728	46.41	nq	98
76) Benzidine	12.66	184	660252	33.06	nq	99
77) Pyrene	12.77	202	2543037	49.63	nq	99
79) Butylbenzylphthalate	13.39	149	1063553	53.24	nq	86
80) Benzo(a)anthracene	13.95	228	1777604	47.39	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	271879	20.18	nq #	95
82) Chrysene	14.00	228	1925733	49.07	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1303929	50.88	nq #	92
84) Di-n-octyl phthalate	14.57	149	2334150	53.66	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1772129	50.18	nq	99
87) Benzo(b)fluoranthene	14.98	252	1851607m	46.63	nq	
88) Benzo(k)fluoranthene	15.00	252	1519193m	43.51	nq	
89) Benzo(a)pyrene	15.32	252	1612084	45.06	nq	97
90) Dibenzo(a,h)anthracene	16.77	278	1446409	45.13	nq #	94
91) Benzo(g,h,i)perylene	17.16	276	1514856	46.44	nq #	95

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



#1

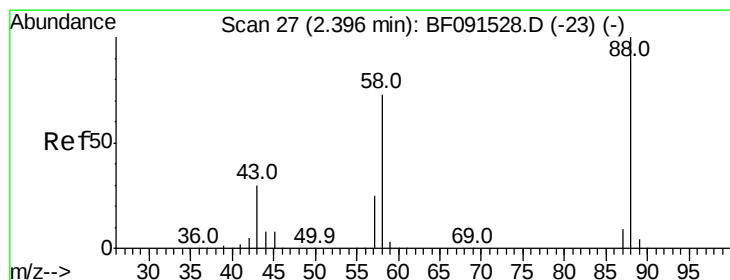
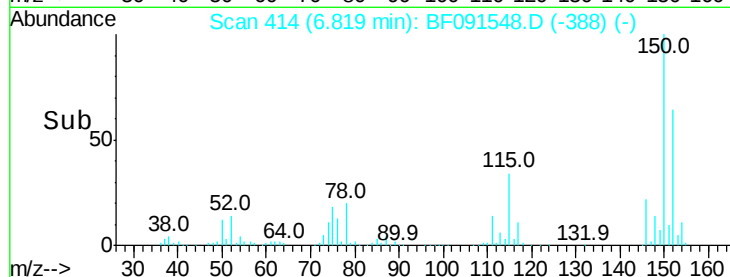
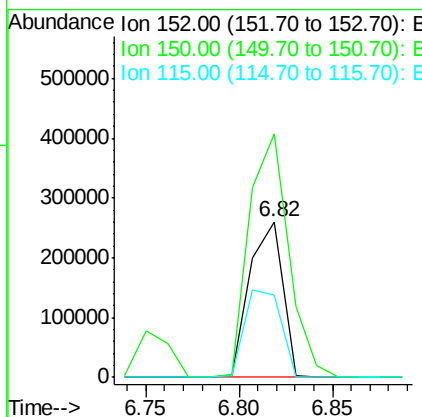
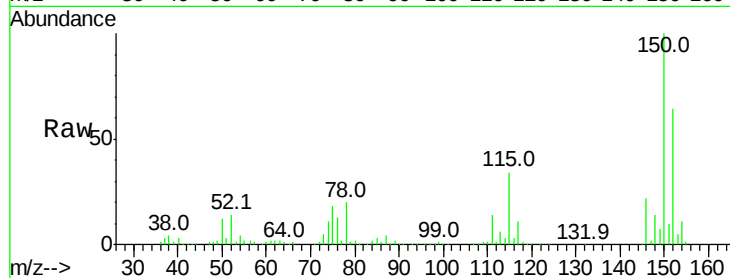
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampled :
PB95236BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.5	183.7
115	52.5	51.8	77.8

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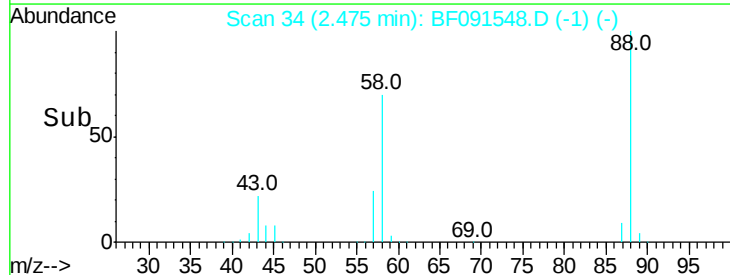
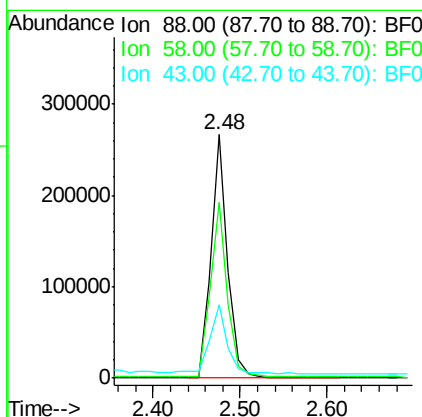
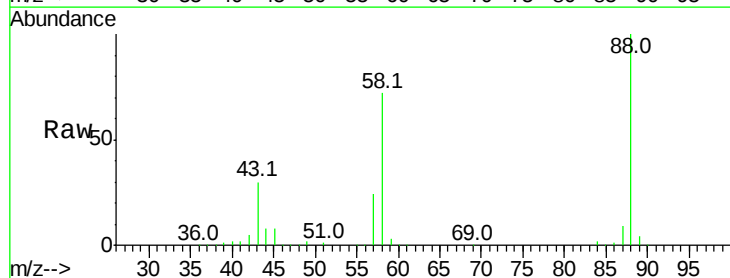
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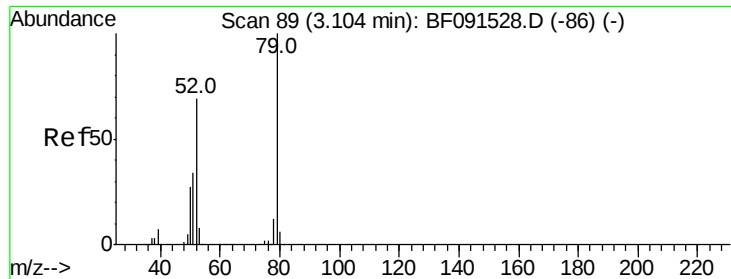


#2

1,4-Dioxane
Concen: 35.14 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.08 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	70.3	105.5
43	30.7	31.3	46.9





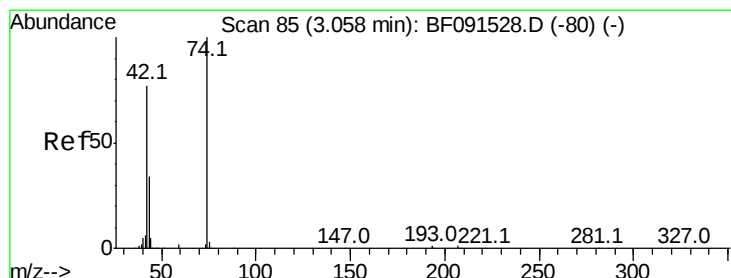
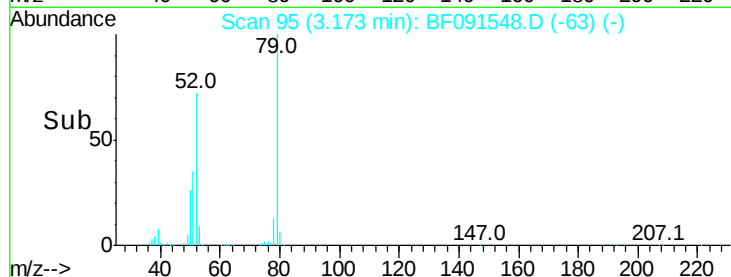
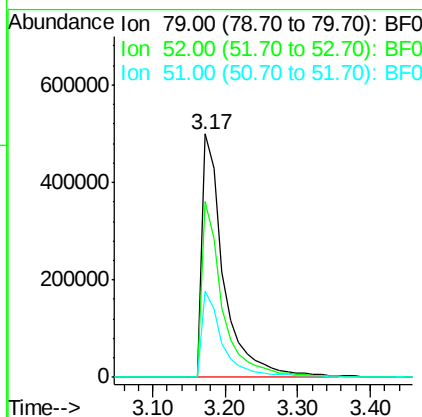
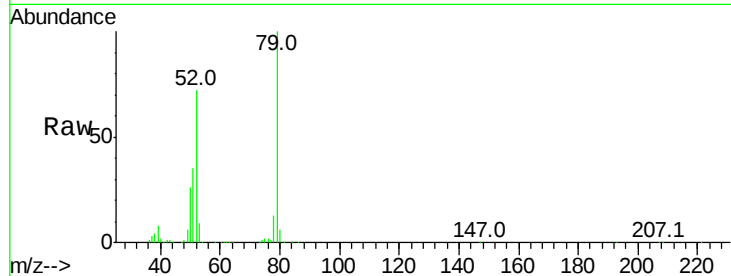
#3
Pvridine
Concen: 39.13 ng
RT: 3.17 min Scan# 95
Delta R.T. 0.07 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion: 79 Resp: 1043084
Ion Ratio Lower Upper
79 100
52 72.3 71.0 106.4
51 35.5 37.0 55.4#

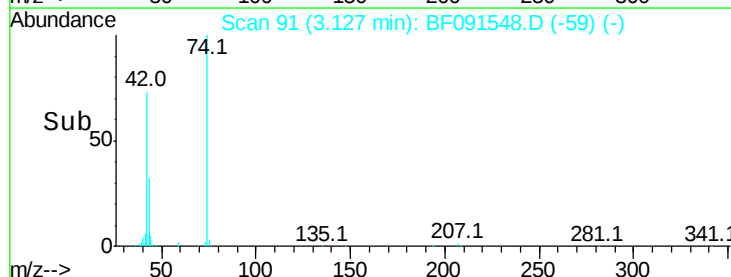
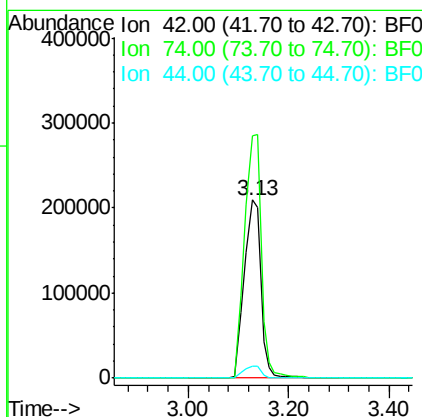
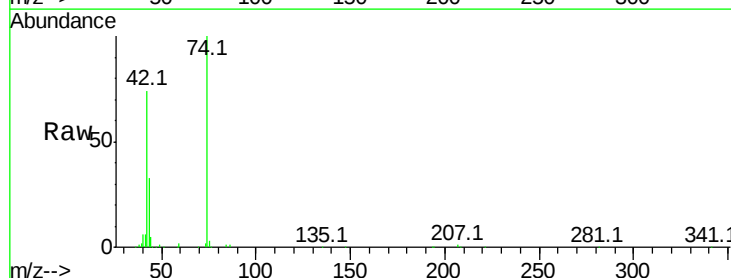
Manual Integrations
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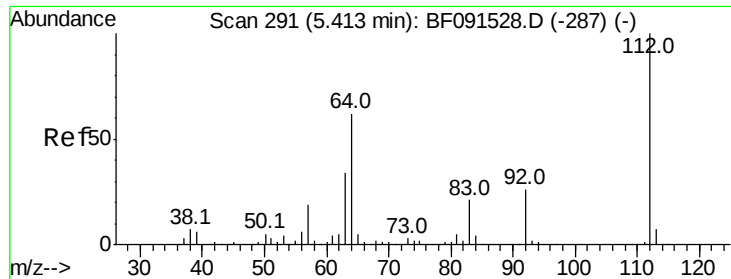
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#4
n-Nitrosodimethylamine
Concen: 42.71 ng
RT: 3.13 min Scan# 91
Delta R.T. 0.07 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion: 42 Resp: 489145
Ion Ratio Lower Upper
42 100
74 135.9 78.9 118.3#
44 6.4 5.8 8.6





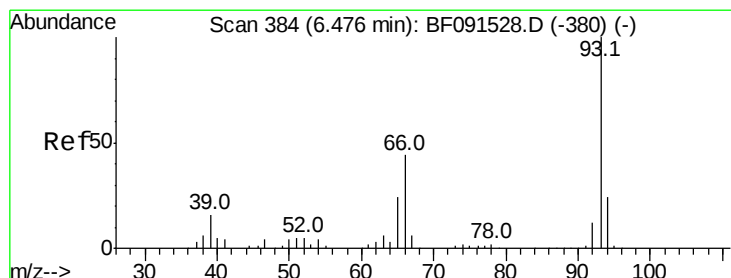
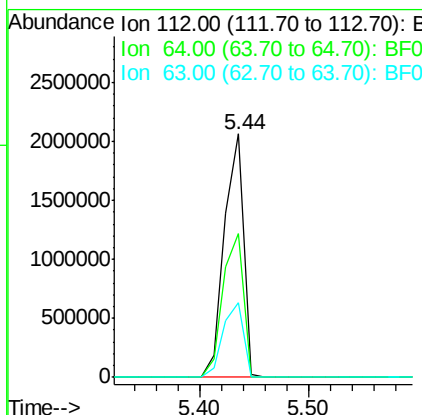
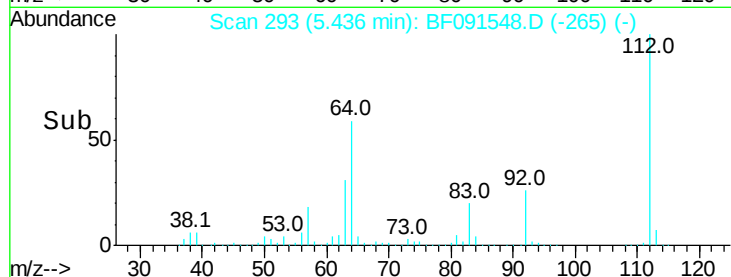
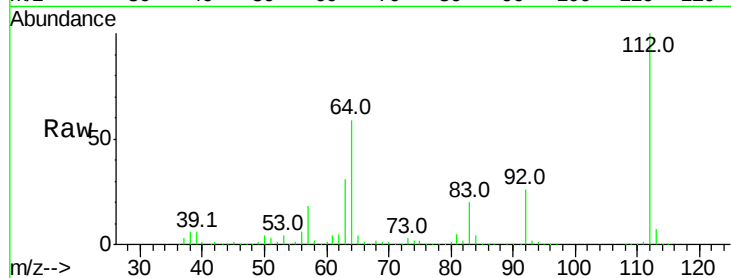
#5
 2-Fluorophenol
 Concen: 132.87 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.02 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampled :
 PB95236BS

Tot Ion: 112 Resp: 2518526
 Ion Ratio Lower Upper
 112 100
 64 59.0 61.5 92.3#
 63 30.8 33.3 49.9#

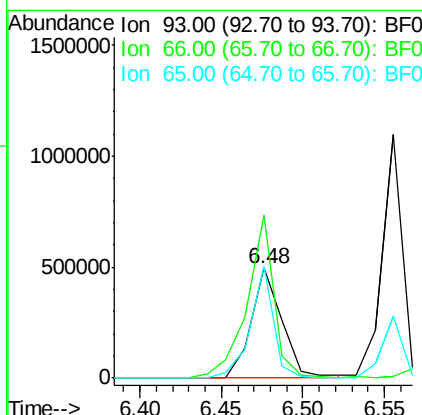
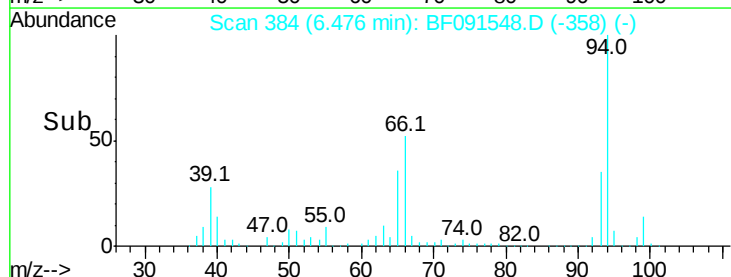
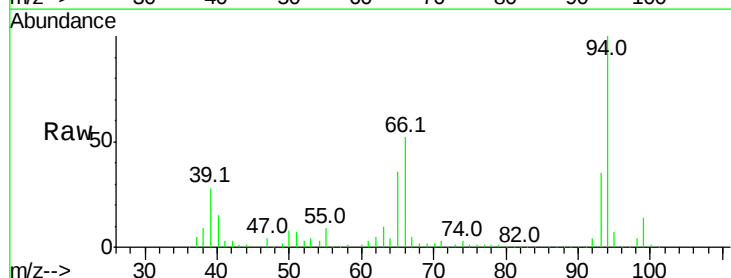
Manual Integrations
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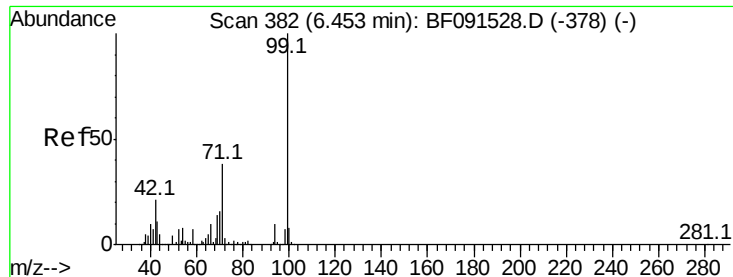
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#6
 Aniline
 Concen: 21.08 ng
 RT: 6.48 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion: 93 Resp: 653098
 Ion Ratio Lower Upper
 93 100
 66 147.5 55.8 83.6#
 65 101.8 29.9 44.9#





#7

Phenol-d6

Concen: 121.54 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampled :

PB95236BS

Tot Ion: 99 Resp: 2872003

Ion Ratio Lower Upper

99 100

42 19.9 20.6 31.0#

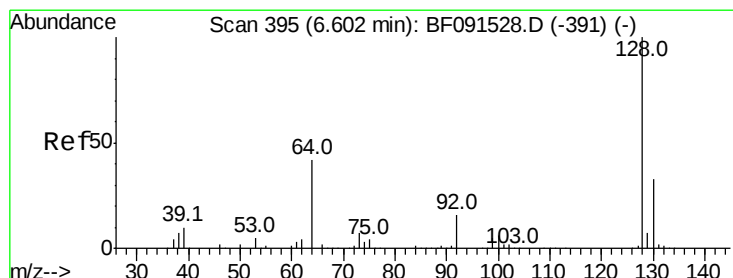
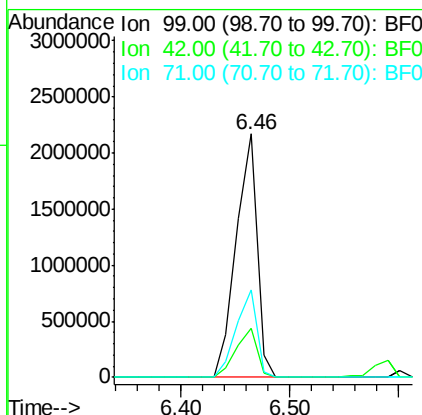
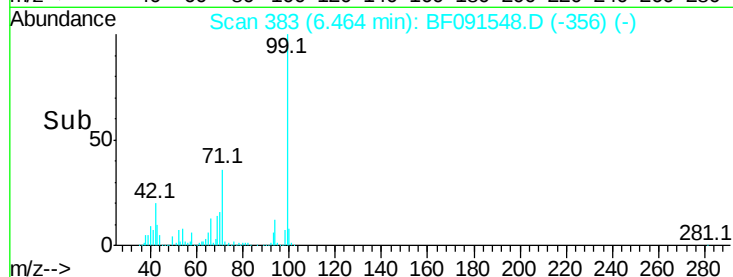
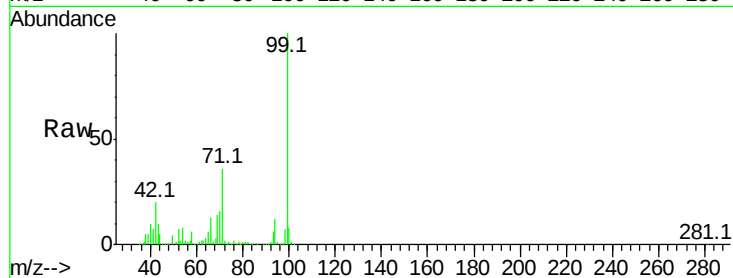
71 35.9 29.9 44.9

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#8

2-Chlorophenol

Concen: 41.36 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

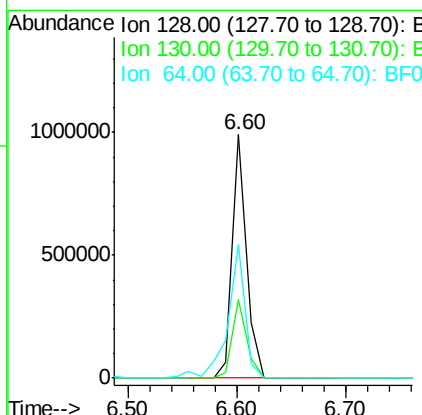
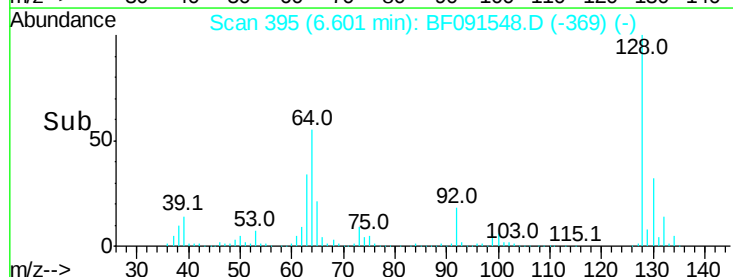
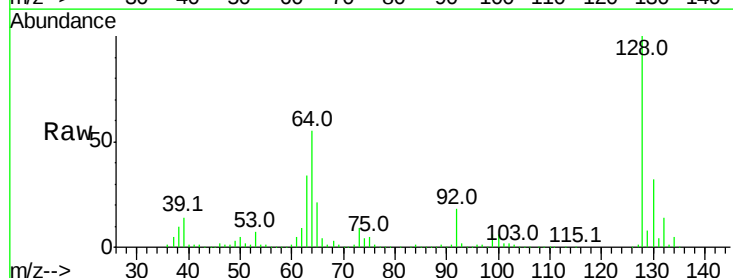
Tgt Ion: 128 Resp: 884964

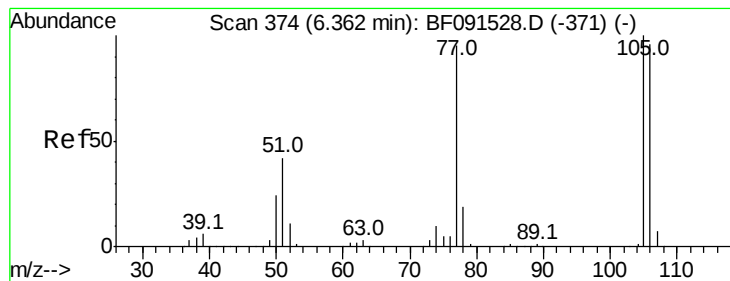
Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

64 55.0 24.1 64.1





#9

Benzaldehyde

Concen: 10.46 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

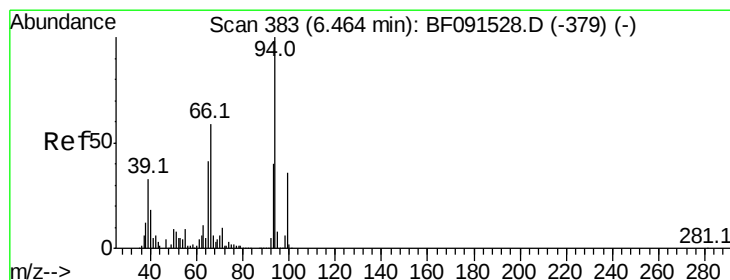
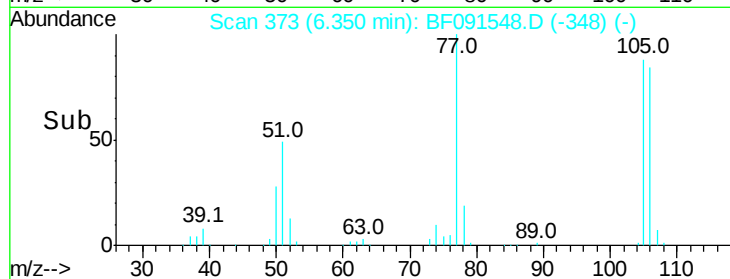
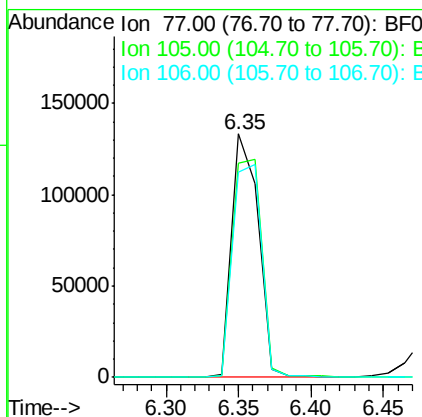
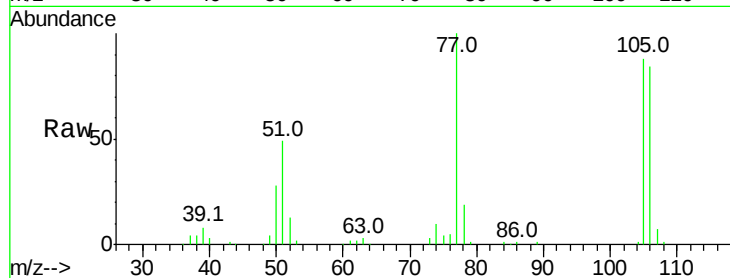
ClientSampleId :

PB95236BS

Tot Ion:	77	Resp:	170080
Ion Ratio	Lower	Upper	
77	100		
105	88.0	66.4	106.4
106	84.5	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 43.75 ng

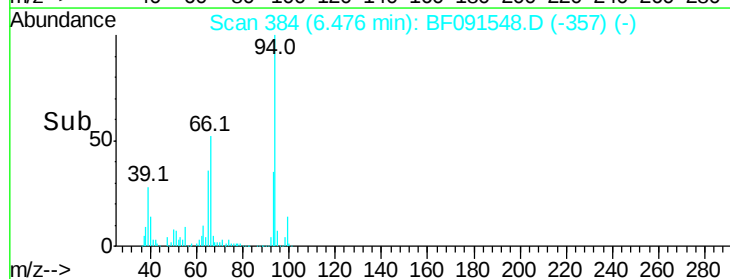
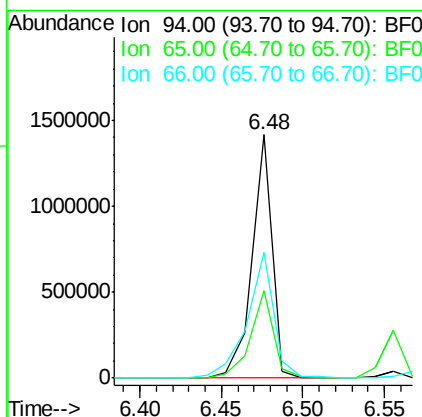
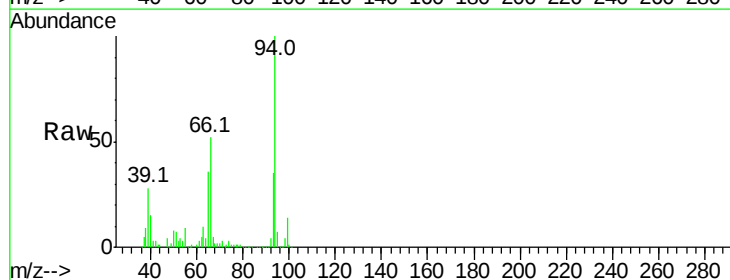
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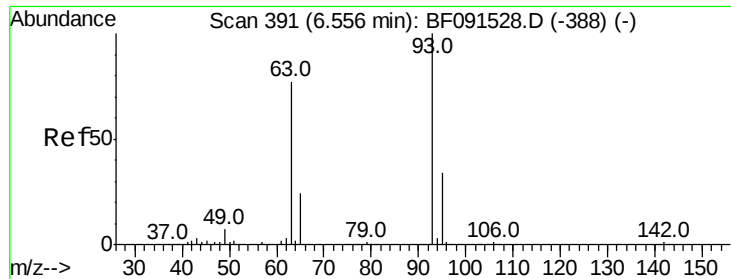
Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:	94	Resp:	1208776
Ion Ratio	Lower	Upper	
94	100		
65	35.7	16.9	56.9
66	51.7	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 44.93 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

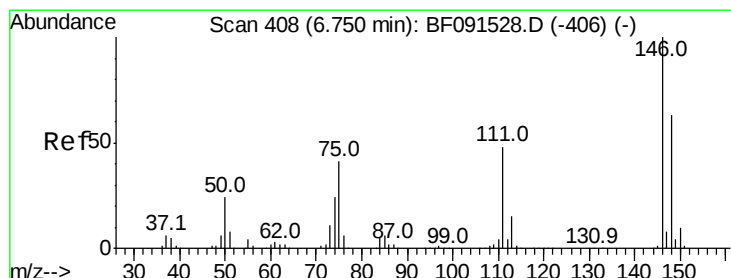
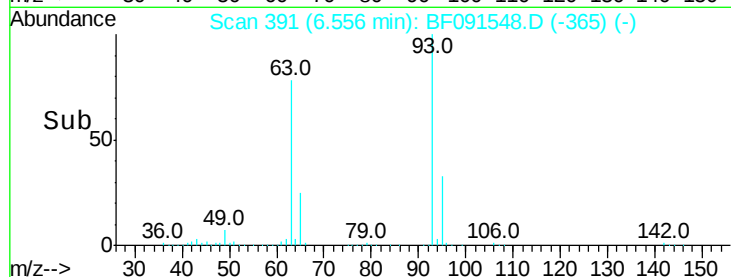
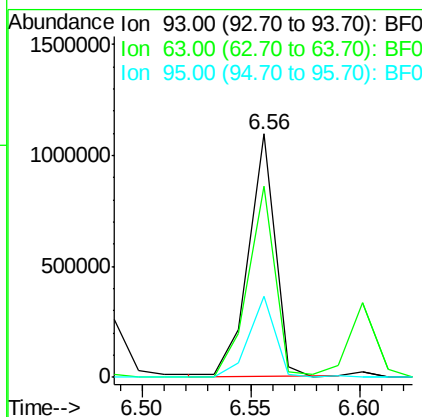
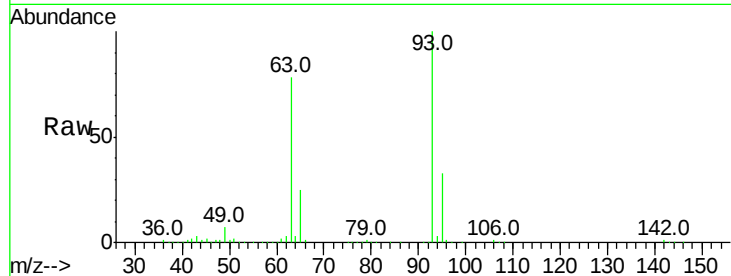
ClientSampleId :

PB95236BS

Tot Ion:	93	Resp:	932575
Ion Ratio	Lower	Upper	
93	100		
63	78.4	74.8	114.8
95	33.2	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 39.77 ng m

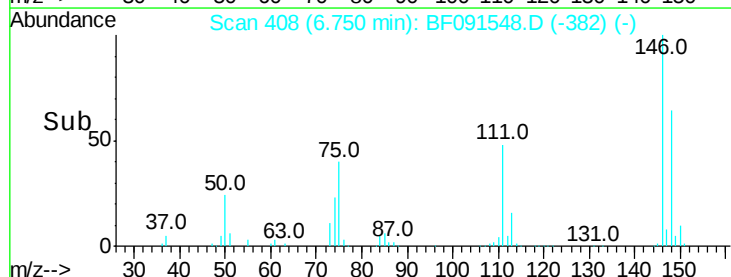
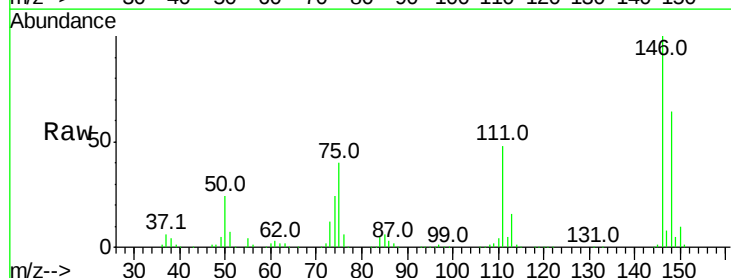
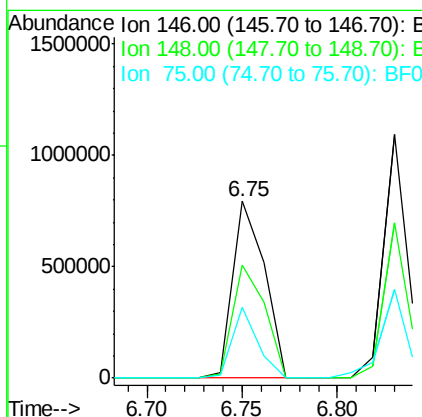
RT: 6.75 min Scan# 408

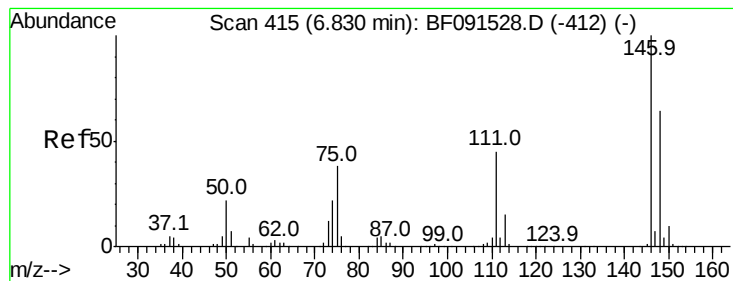
Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:	146	Resp:	922702
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.0
75	40.0	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 40.79 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

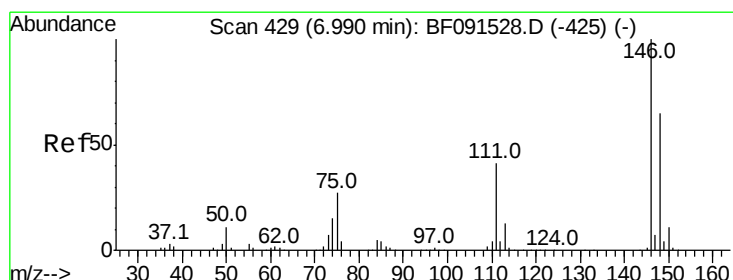
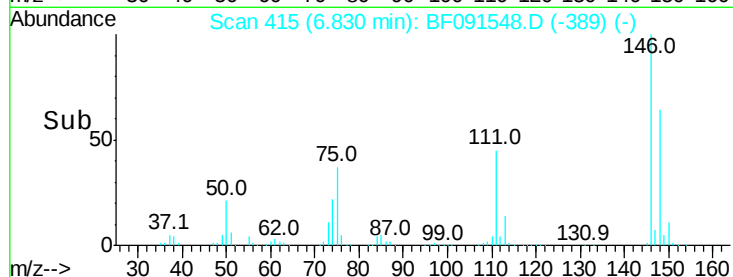
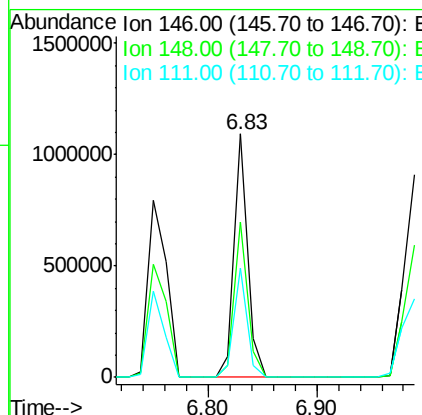
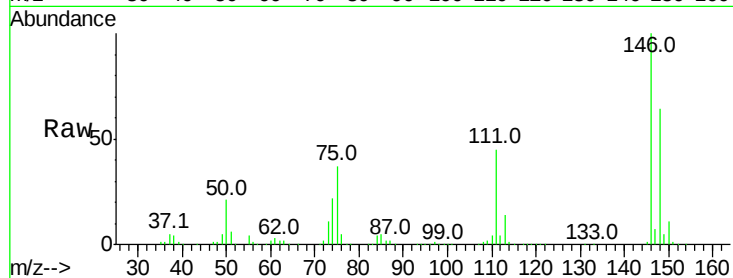
ClientSampled :

PB95236BS

Tot Ion:	146	Resp:	933389
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.0
111	44.9	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 43.70 ng m

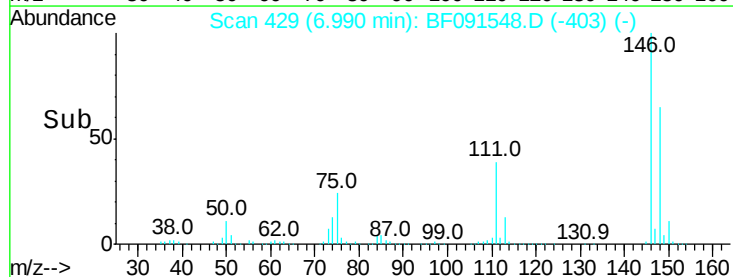
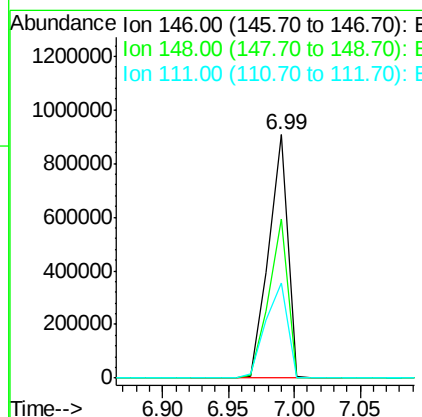
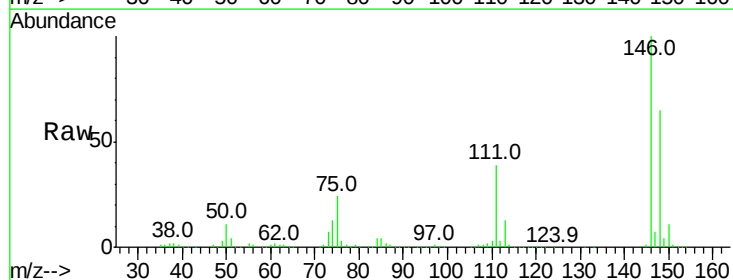
RT: 6.99 min Scan# 429

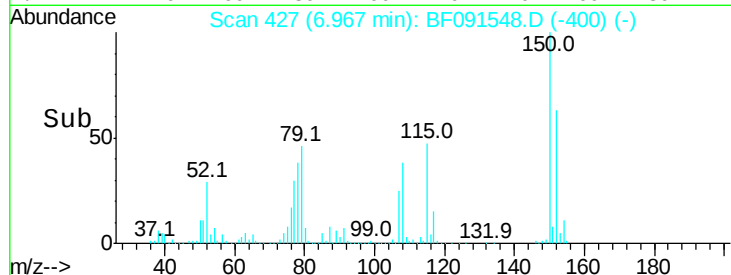
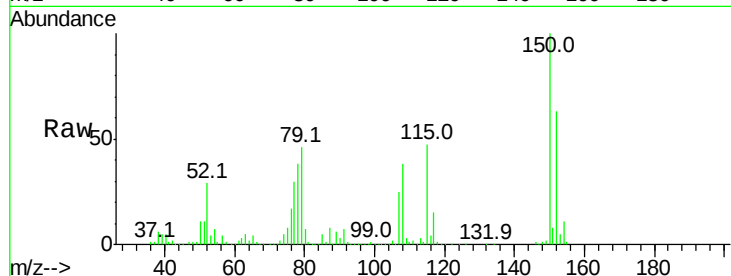
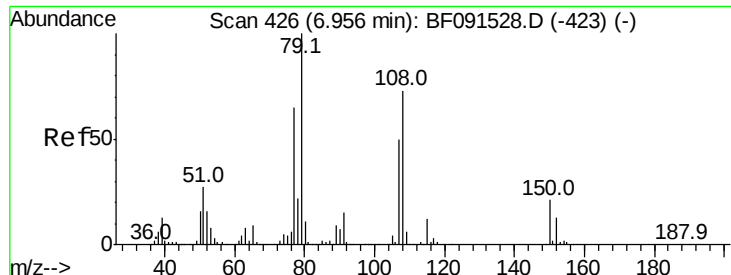
Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:	146	Resp:	901229
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.6
111	38.9	38.9	58.3#





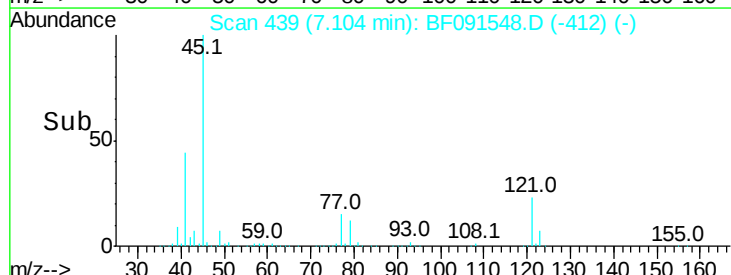
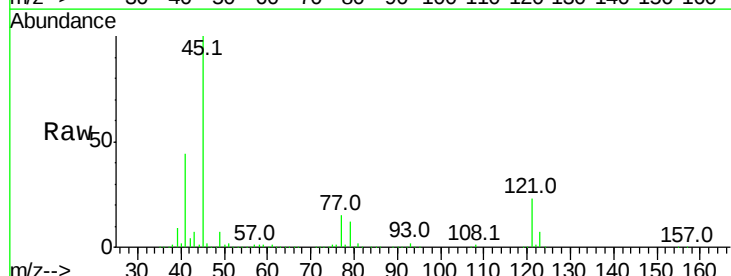
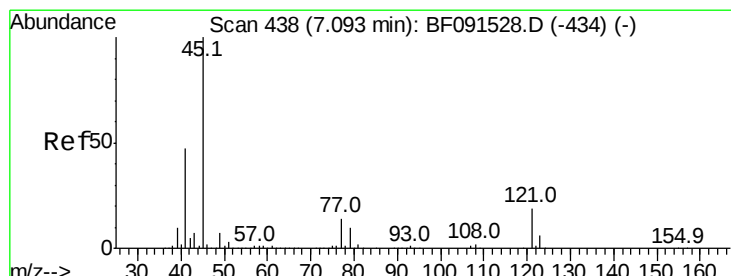
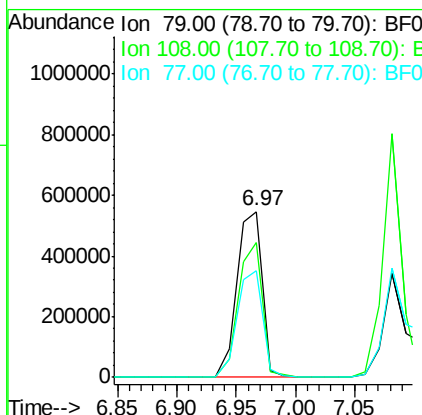
#15
Benzyl Alcohol
Concen: 43.61 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.4	62.7	94.1
77	64.2	51.7	77.5

Instrument :
BNA_F
ClientSampleId :
PB95236BS

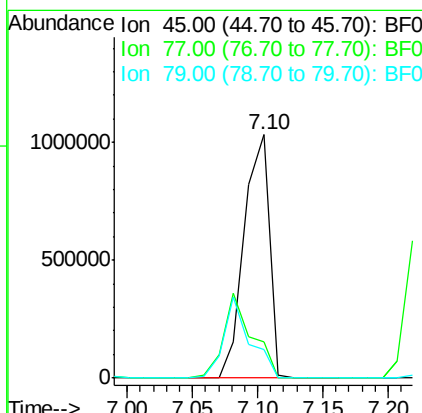
Manual Integrations
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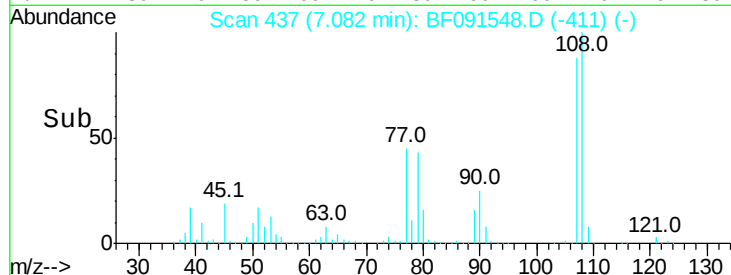
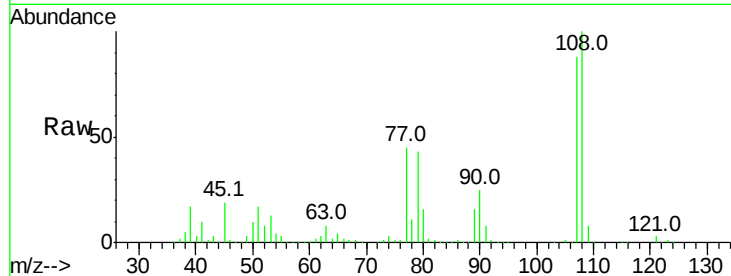
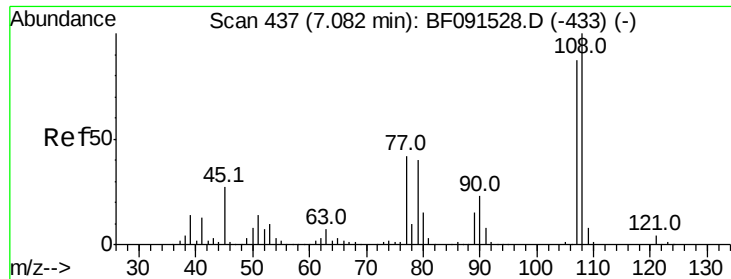
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.18 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	3.8	43.8
79	11.9	0.2	40.2





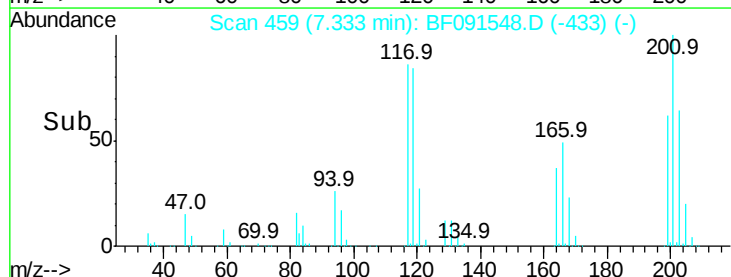
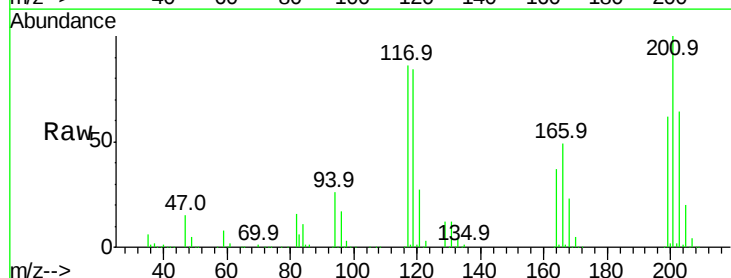
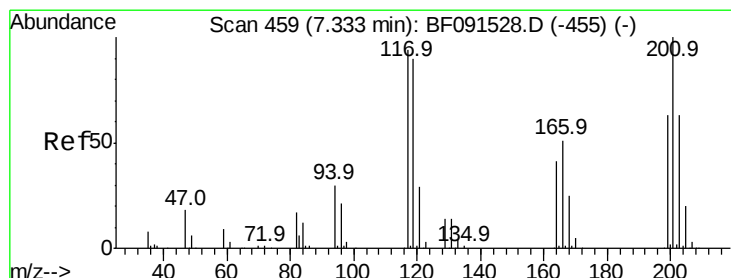
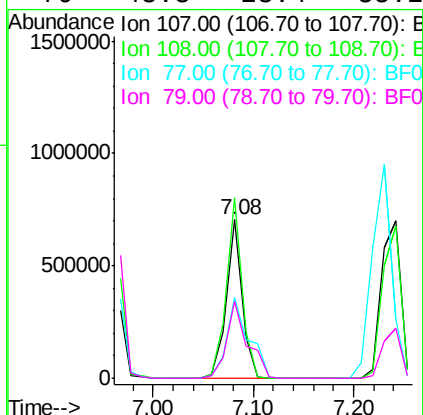
#17
2-Methylphenol
Concen: 43.43 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tot Ion	Ratio	Resp	Lower	Upper
107	100	768891		
108	114.0	67.7	101.5#	
77	50.9	40.7	61.1	
79	48.8	23.4	35.2#	

Instrument :
BNA_F
ClientSampleId :
PB95236BS

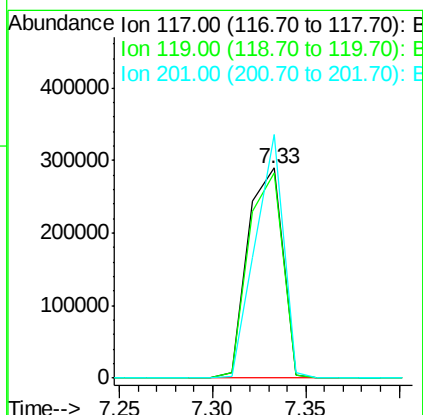
Manual Integrations
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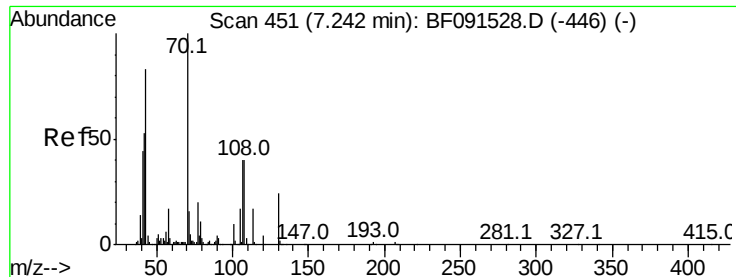
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#18
Hexachloroethane
Concen: 41.84 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	373675		
119	97.5	78.6	118.0	
201	116.0	86.7	130.1	





#19

n-Nitroso-di-n-propylamine

Concen: 47.81 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

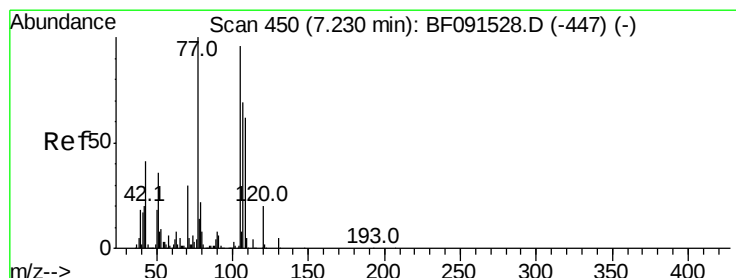
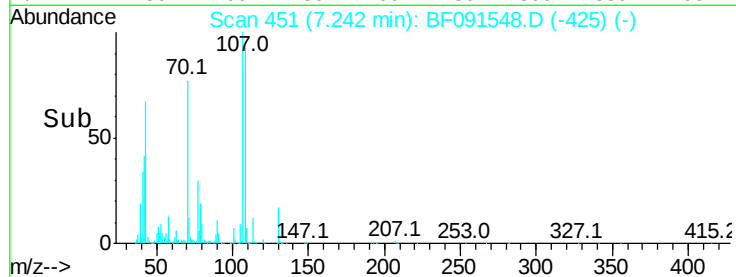
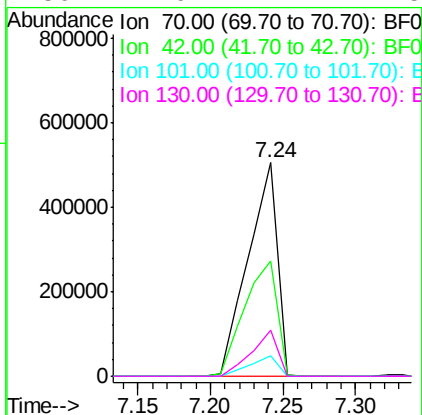
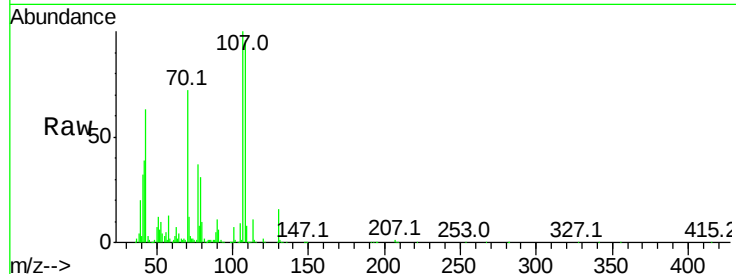
ClientSampleId :

PB95236BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	64.8	97.2#
101	9.4	6.2	9.4
130	21.9	11.7	17.5#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 49.98 ng

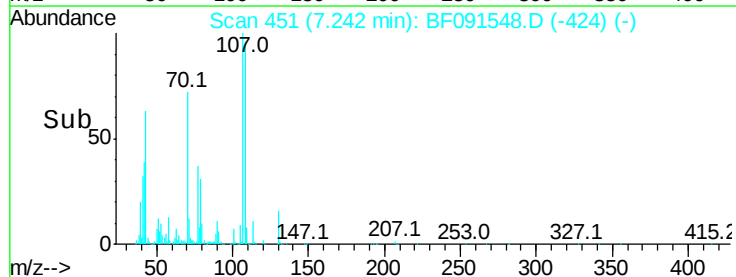
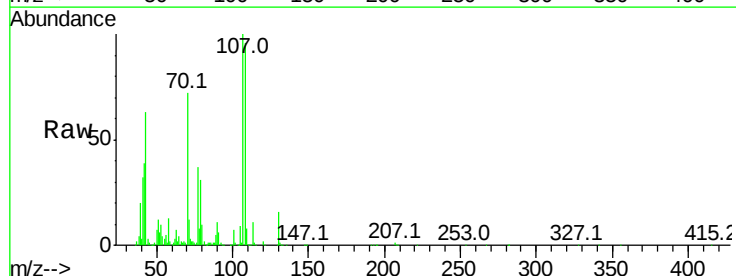
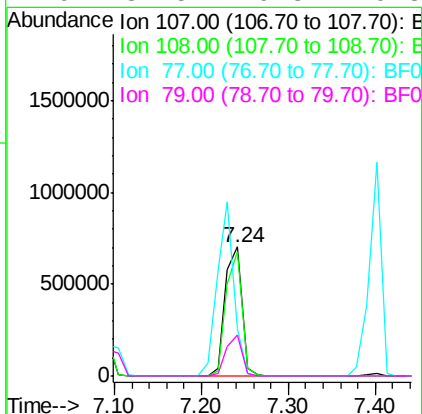
RT: 7.24 min Scan# 451

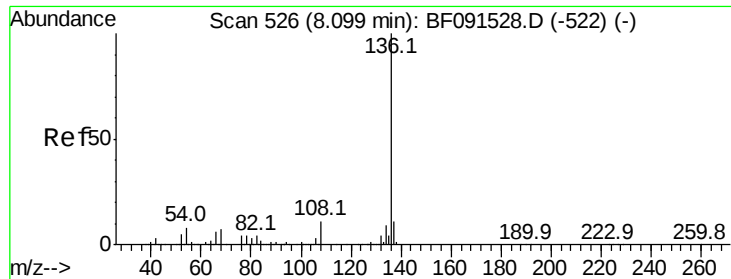
Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.3	64.6	104.6
77	37.1	30.9	70.9
79	31.5	9.3	49.3





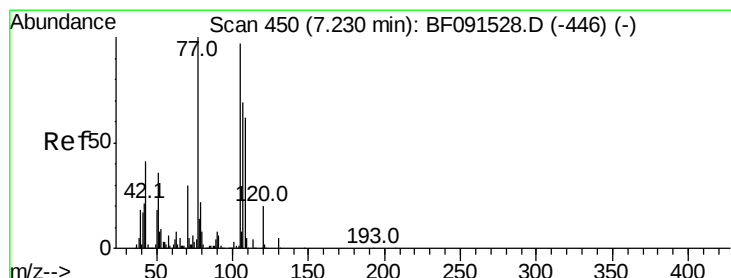
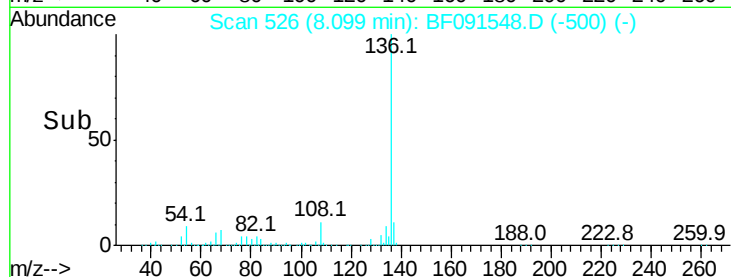
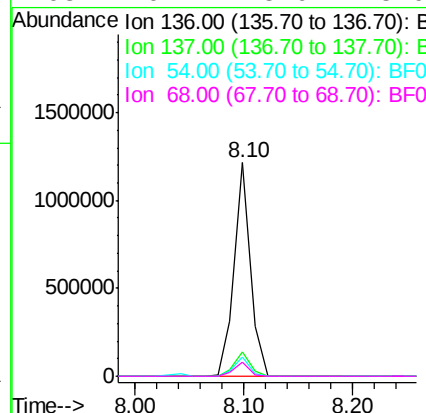
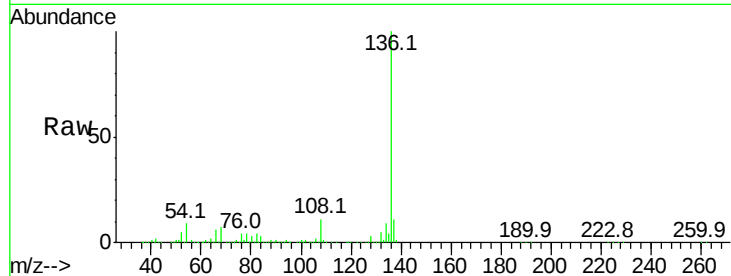
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1251511		
137	11.2	9.1	13.7	
54	8.8	9.1	13.7#	
68	6.7	5.9	8.9	

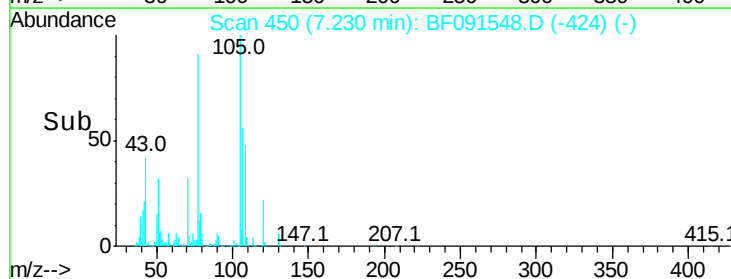
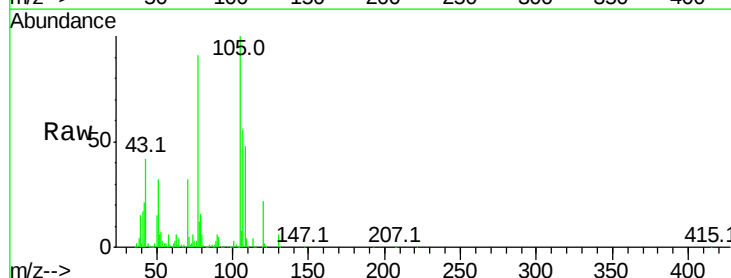
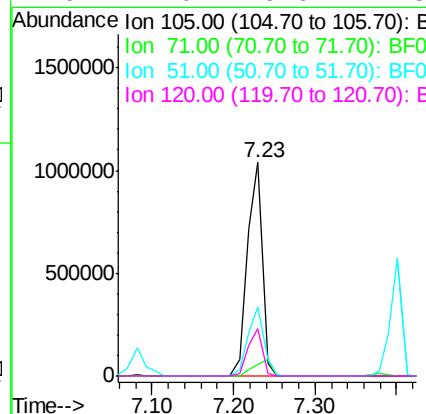
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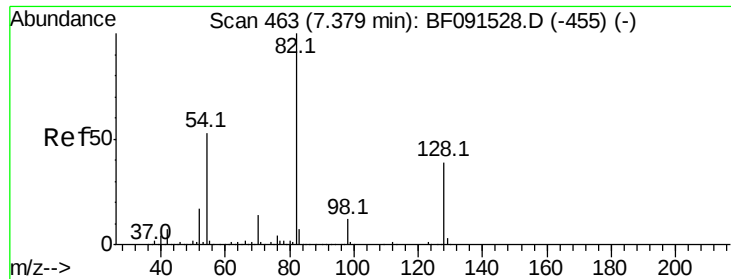
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#22
Acetophenone
Concen: 43.63 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1308216		
71	5.3	7.9	11.9#	
51	32.3	24.5	36.7	
120	22.0	16.6	24.8	





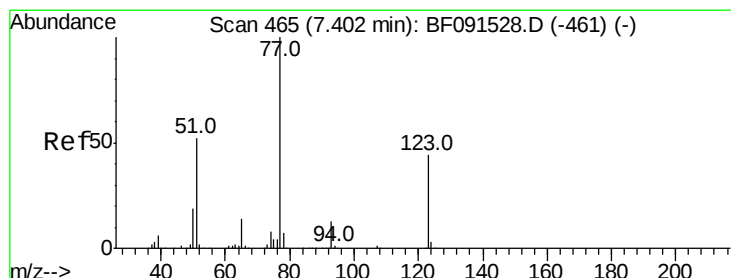
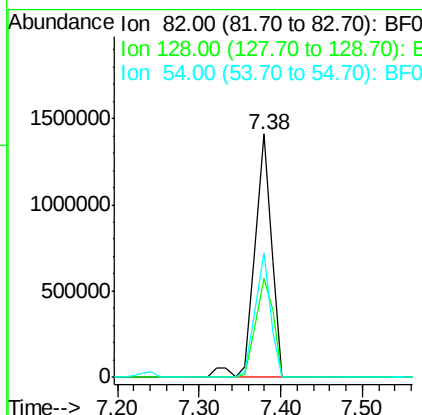
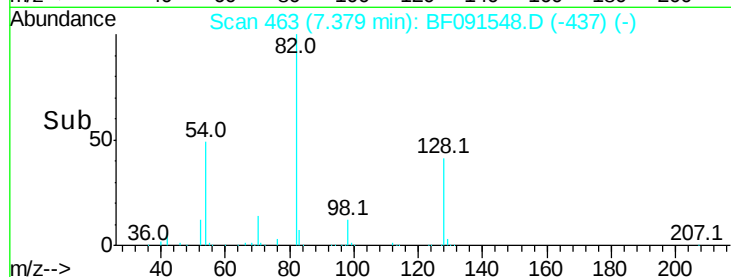
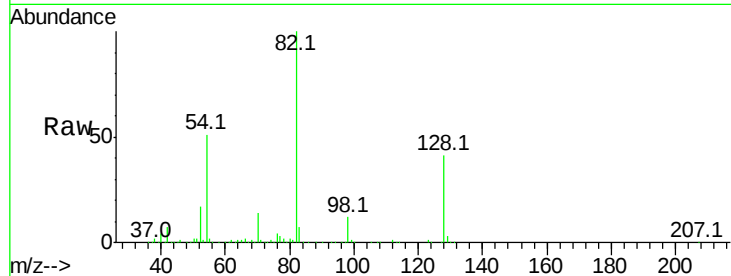
#23
 Nitrobenzene-d5
 Concen: 89.64 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tot Ion: 82 Resp: 2010010
 Ion Ratio Lower Upper
 82 100
 128 40.8 31.8 47.6
 54 51.2 49.1 73.7

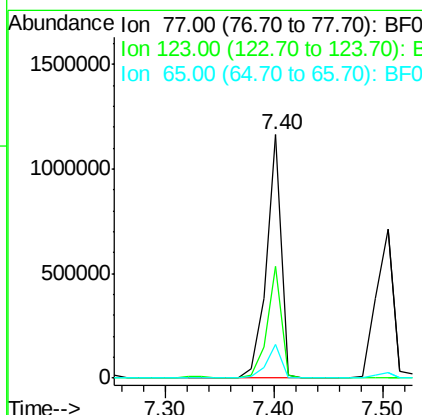
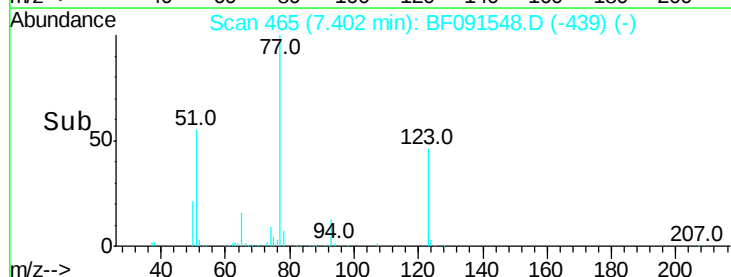
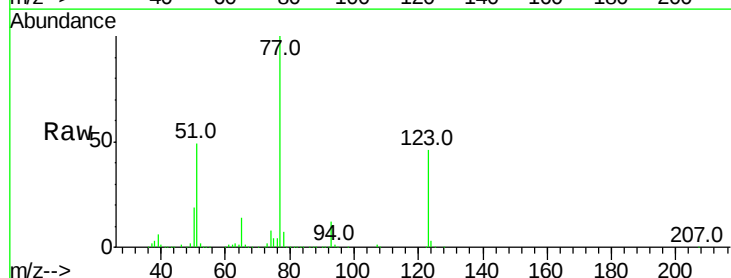
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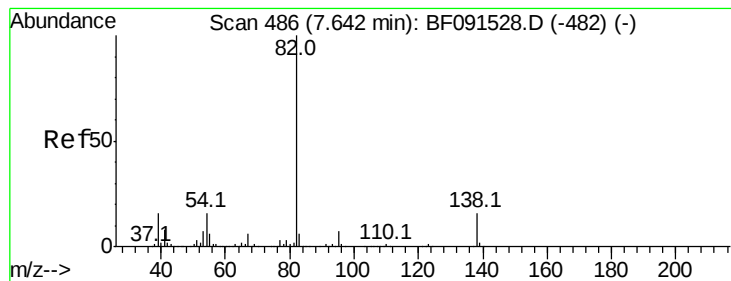
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#24
 Nitrobenzene
 Concen: 46.57 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion: 77 Resp: 1103362
 Ion Ratio Lower Upper
 77 100
 123 46.2 28.5 42.7#
 65 13.7 12.5 18.7





#25

Isophorone

Concen: 46.27 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion: 82 Resp: 1844412

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

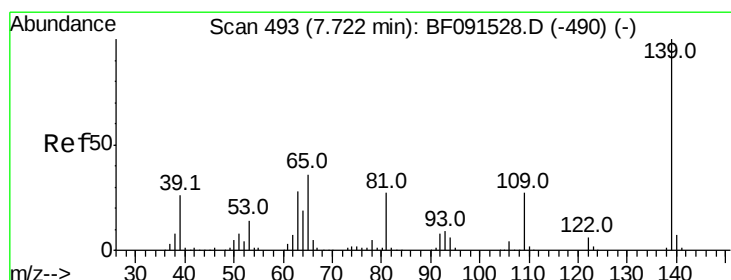
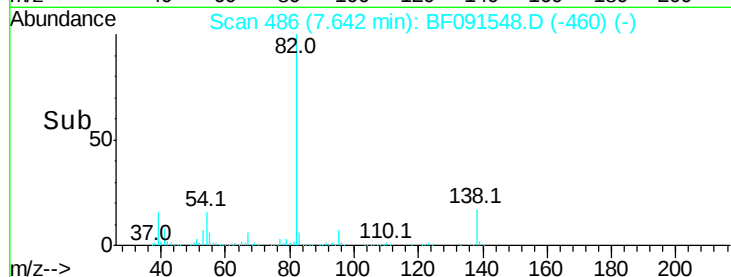
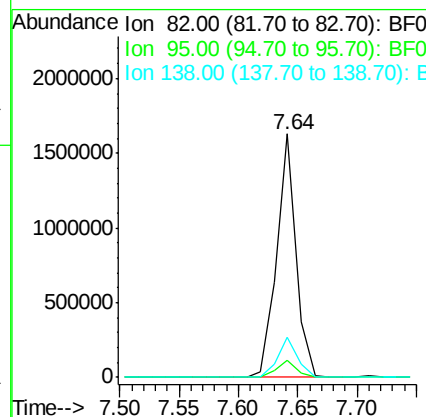
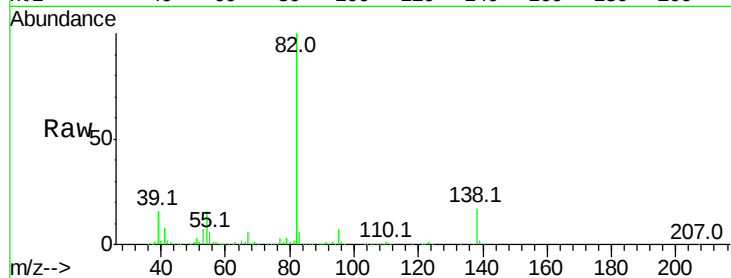
138 16.7 13.4 20.0

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#26

2-Nitrophenol

Concen: 49.43 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

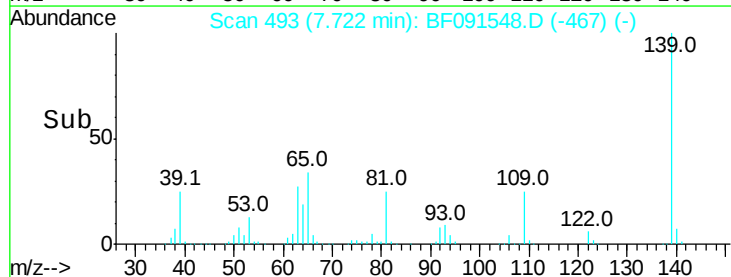
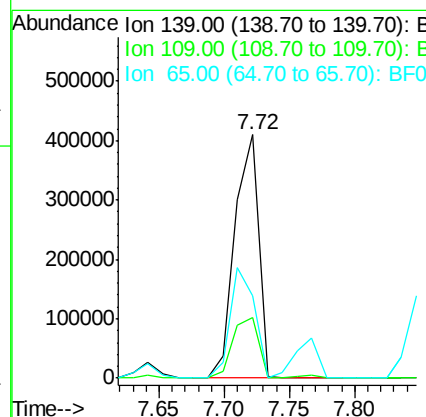
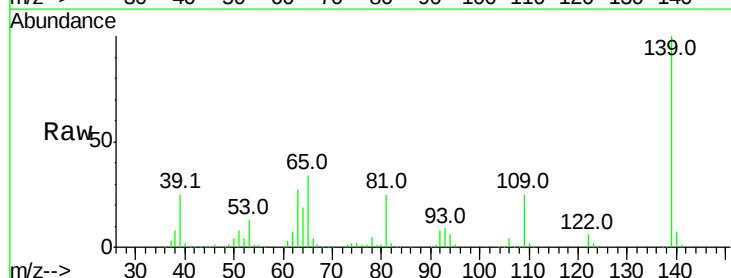
Tgt Ion:139 Resp: 516806

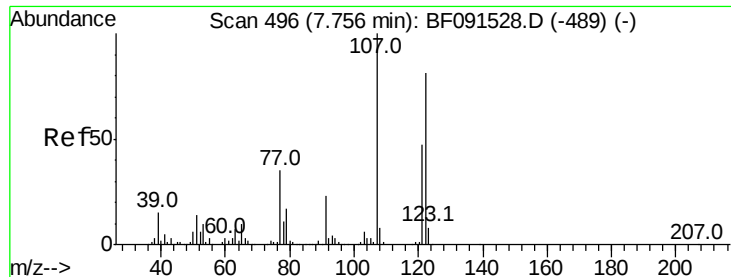
Ion Ratio Lower Upper

139 100

109 24.8 25.3 37.9#

65 34.0 55.4 83.2#





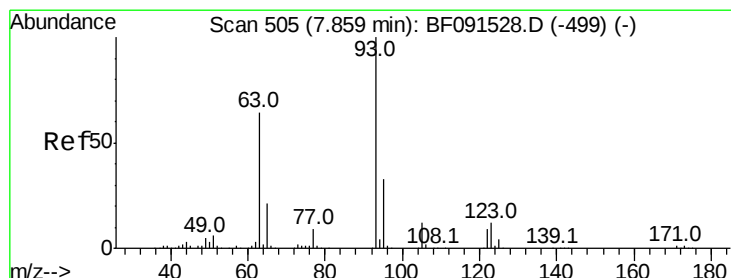
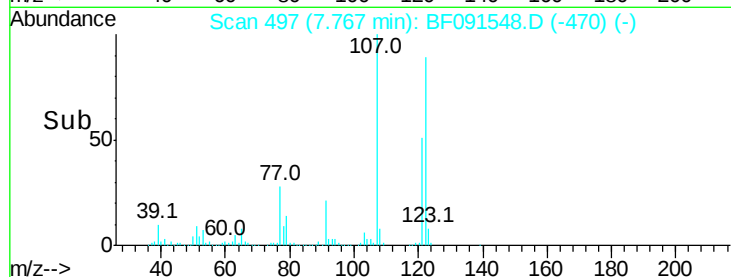
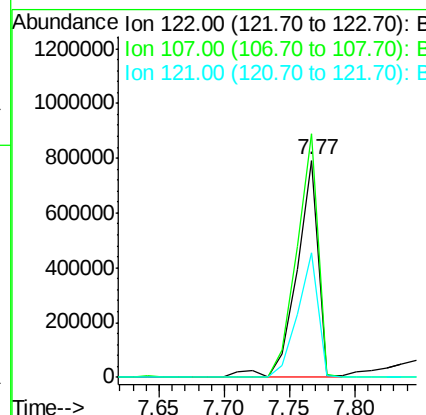
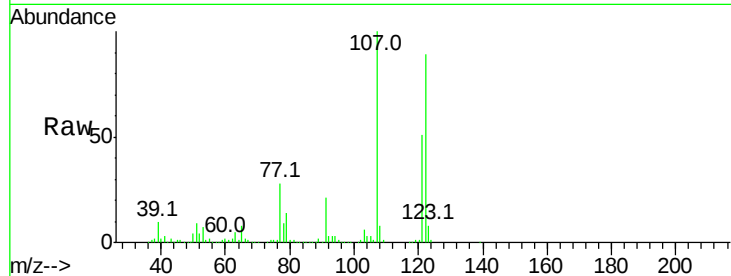
#27
 2,4-Dimethylphenol
 Concen: 50.10 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampled :
 PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	920076		
107	112.0	96.8	145.2	
121	57.5	47.7	71.5	

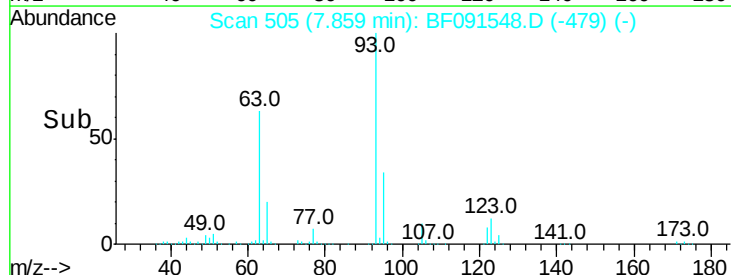
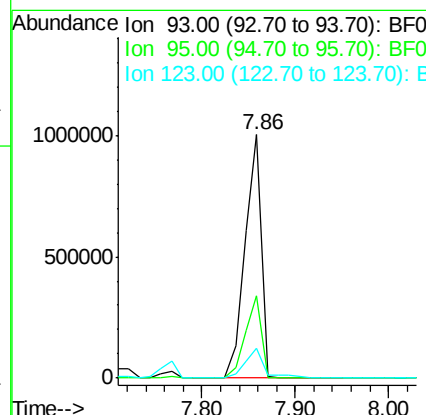
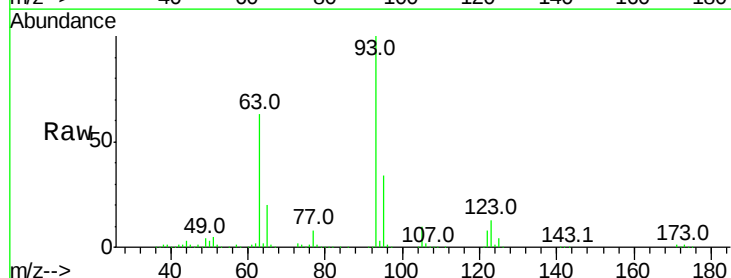
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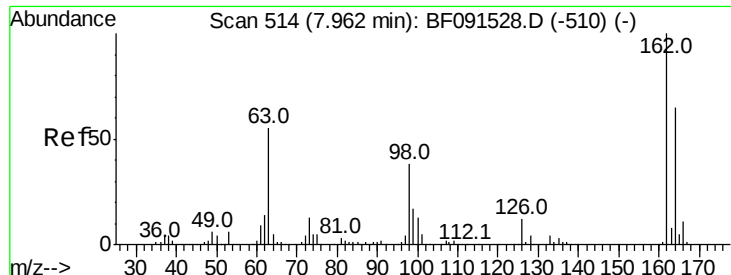
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#28
 bis(2-Chloroethoxy)methane
 Concen: 51.68 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1208268		
95	33.6	26.0	39.0	
123	12.5	8.6	12.8	





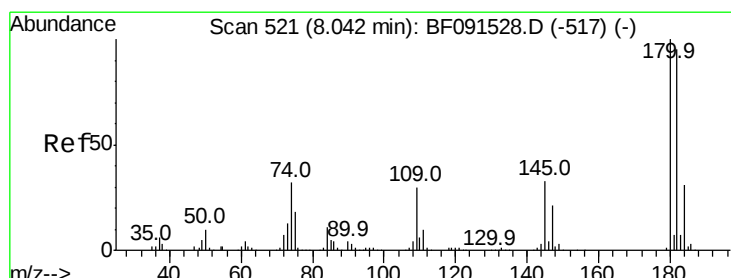
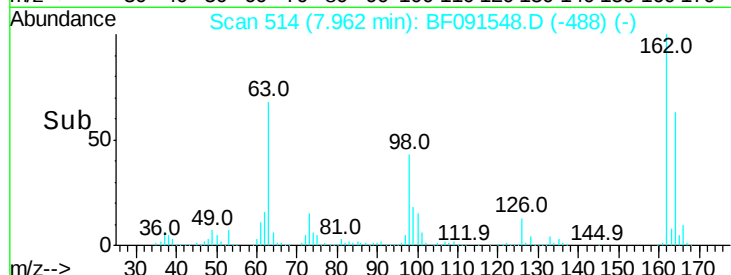
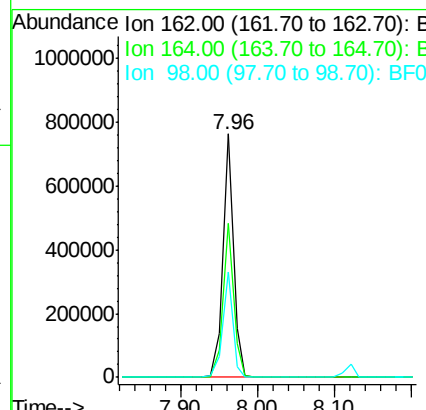
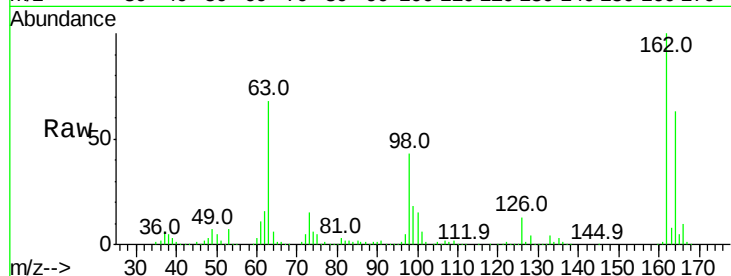
#29
 2,4-Dichlorophenol
 Concen: 46.06 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	45.0	85.0
98	43.1	21.3	61.3

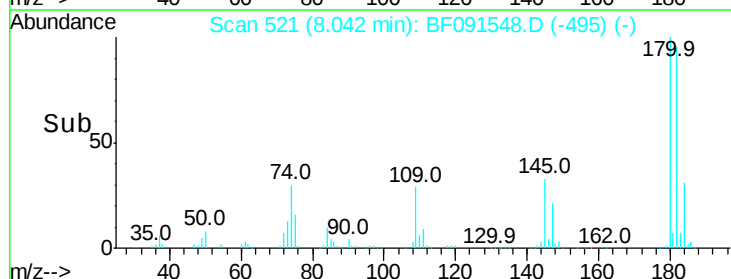
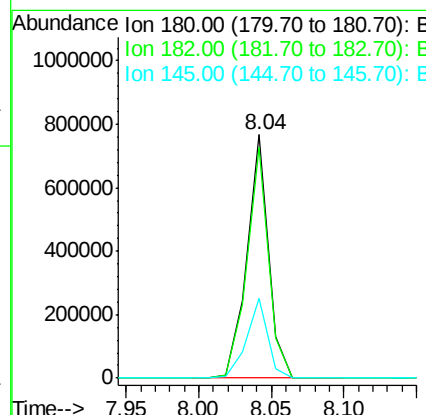
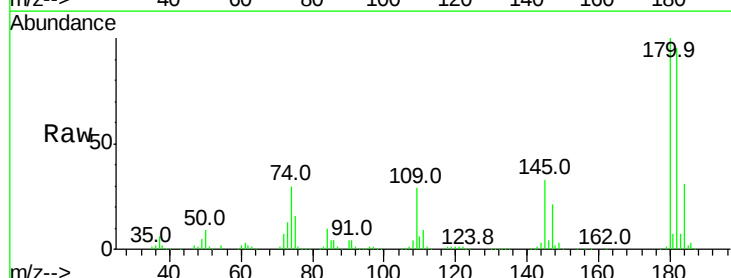
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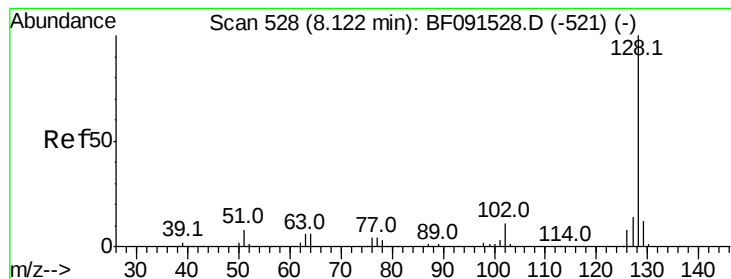
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.47 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	75.8	113.8
145	32.9	27.0	40.4





#31

Naphthalene

Concen: 42.65 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion:128 Resp: 2483553

Ion Ratio Lower Upper

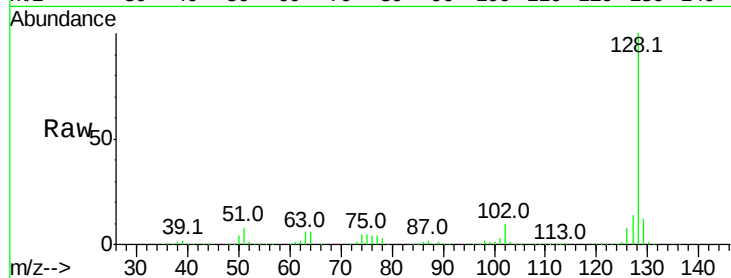
128 100

129 12.1 9.1 13.7

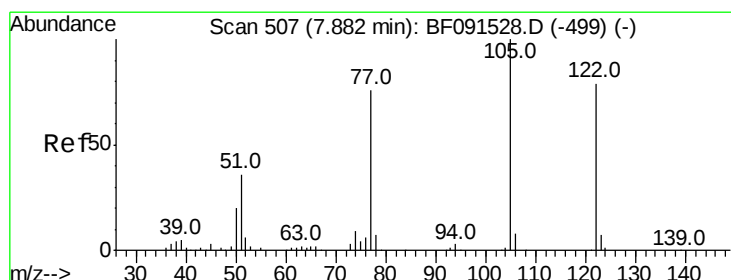
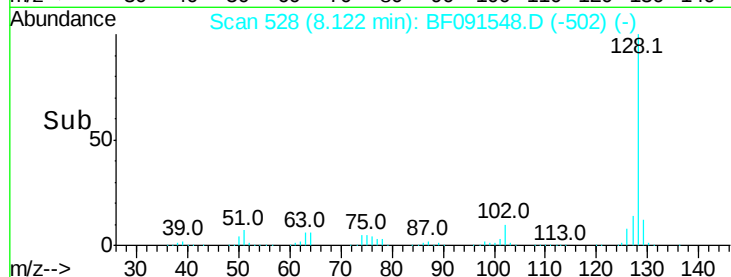
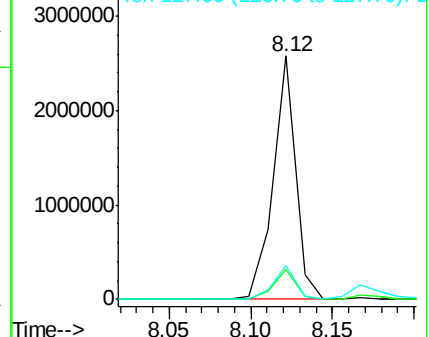
127 13.8 11.0 16.4

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



#32

Benzoic acid

Concen: 42.43 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

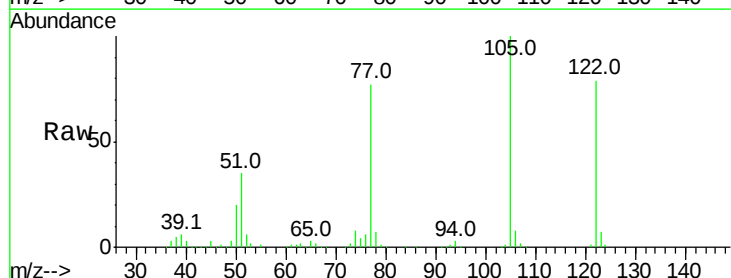
Tgt Ion:122 Resp: 550811

Ion Ratio Lower Upper

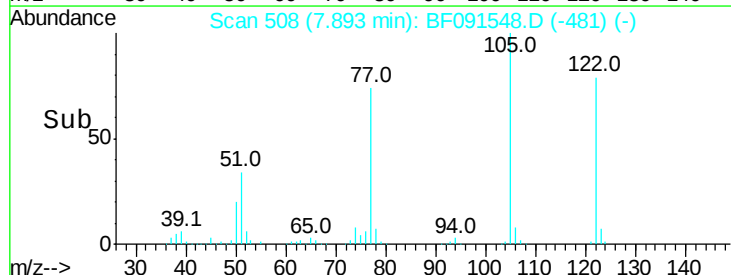
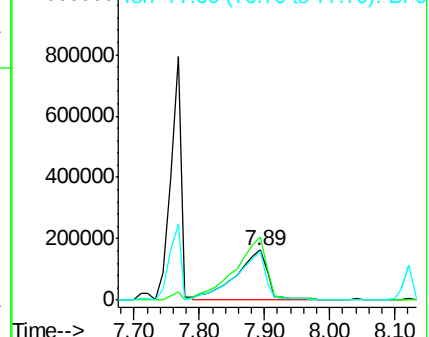
122 100

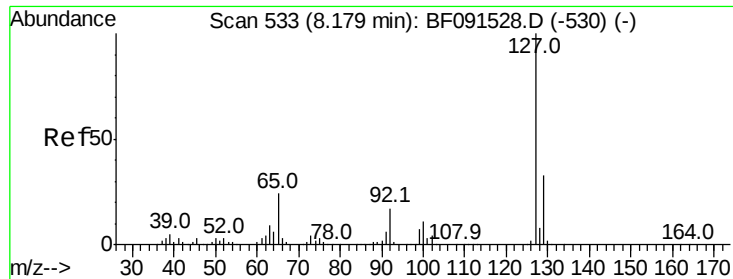
105 126.2 113.0 153.0

77 97.1 82.0 122.0



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





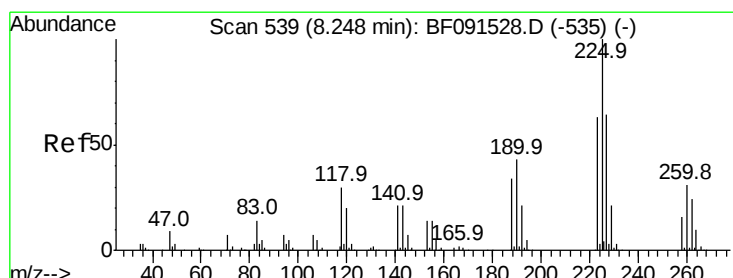
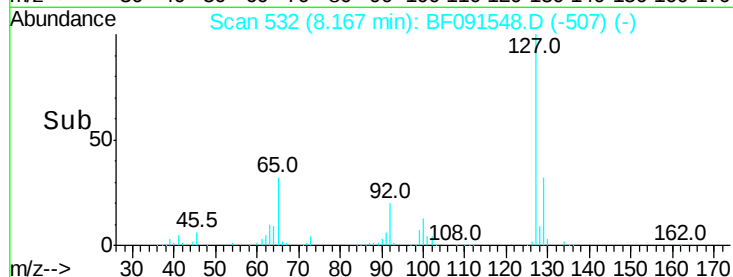
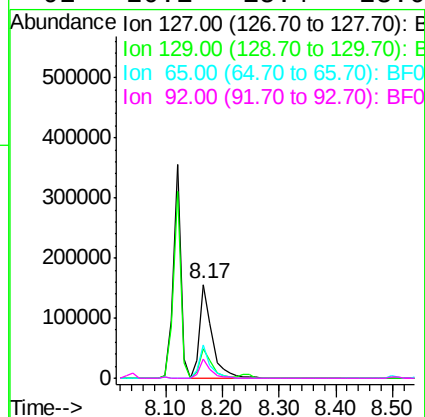
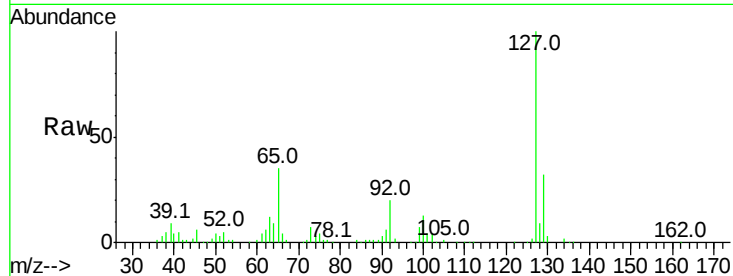
#33
4-Chloroaniline
Concen: 9.33 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.4	
65	35.2	26.6	39.8	
92	20.1	15.4	23.0	

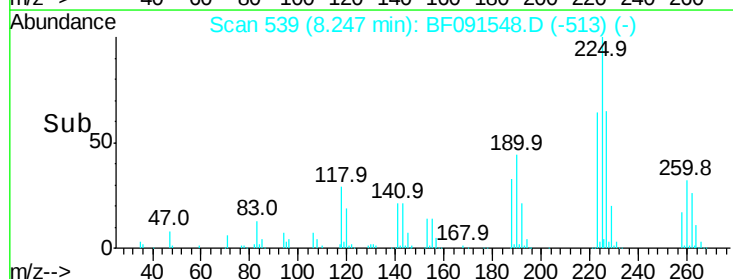
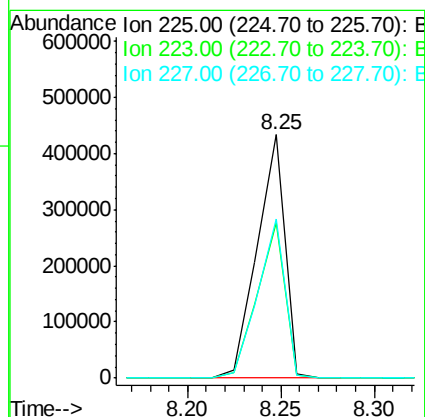
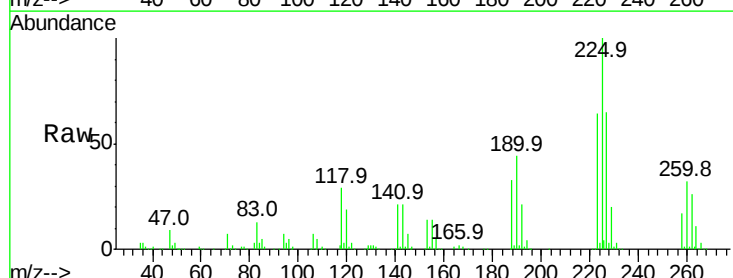
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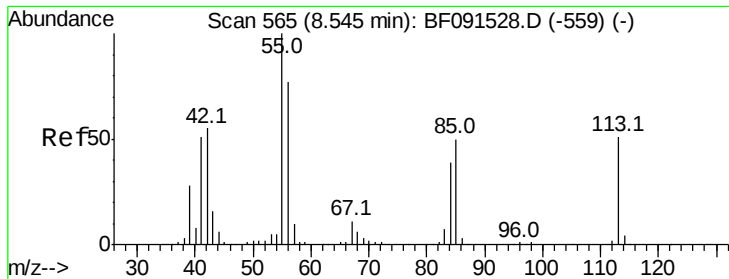
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#34
Hexachlorobutadiene
Concen: 43.69 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	49.8	74.6	
227	65.2	52.6	79.0	





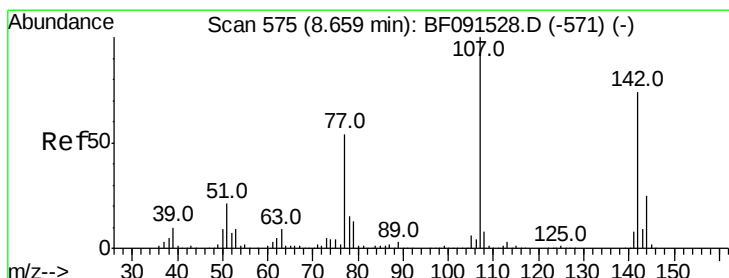
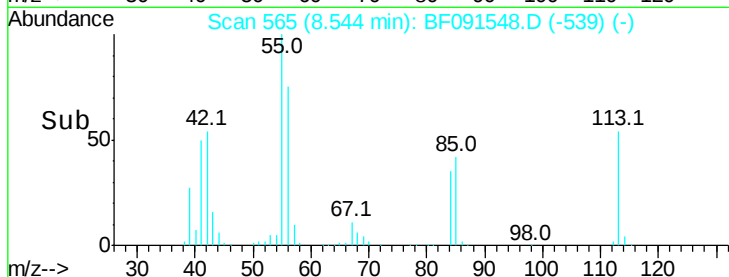
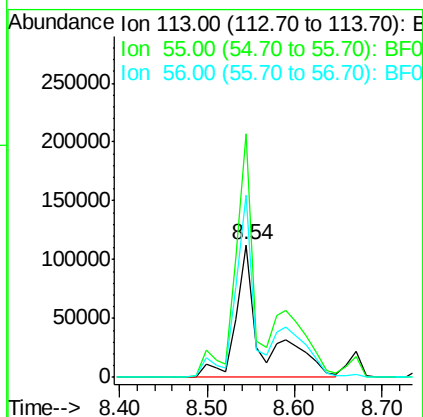
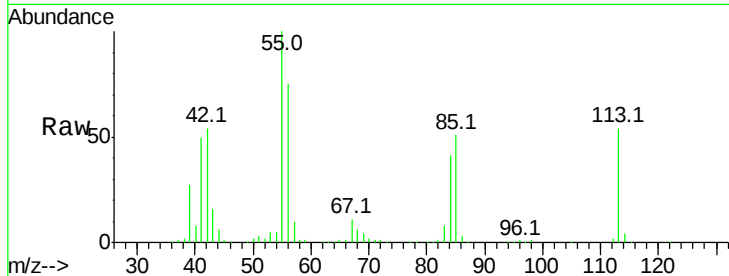
#35
 Caprolactam
 Concen: 51.74 ng/ml
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampled :
 PB95236BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.8	239.8	279.8#
56	137.1	165.6	205.6#

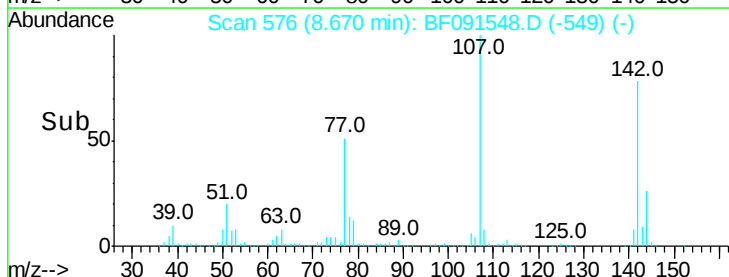
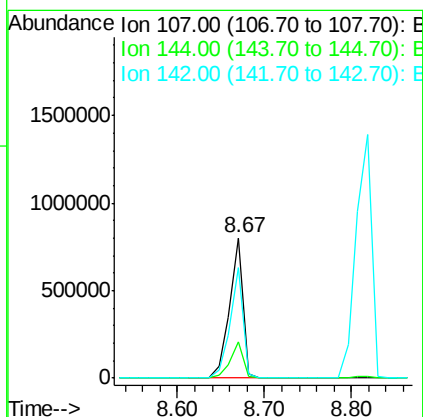
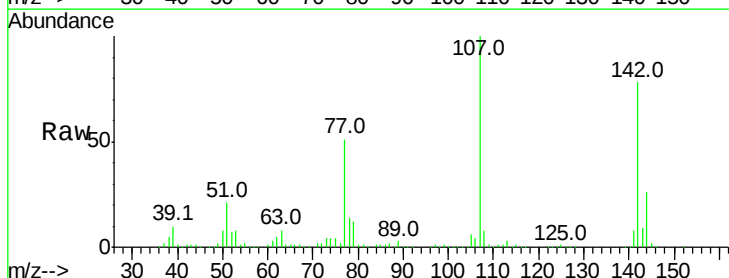
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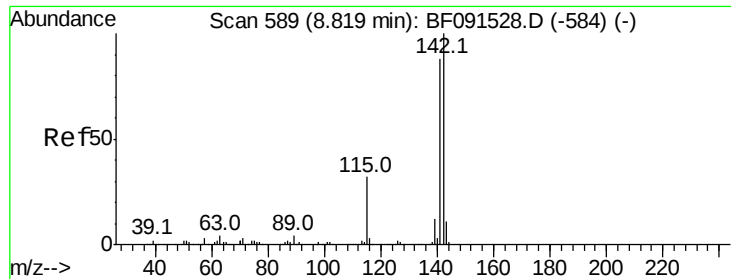
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#36
 4-Chloro-3-methylphenol
 Concen: 47.68 ng/ml
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	18.9	28.3
142	78.5	58.5	87.7





#37

2-Methylnaphthalene

Concen: 46.23 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion:142 Resp: 1742392

Ion Ratio Lower Upper

142 100

141 88.3 71.7 107.5

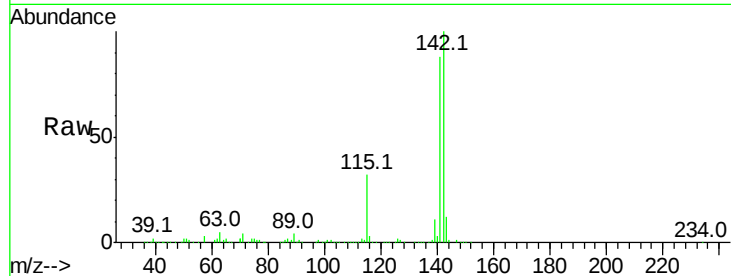
115 31.9 25.0 37.6

Manual Integrations

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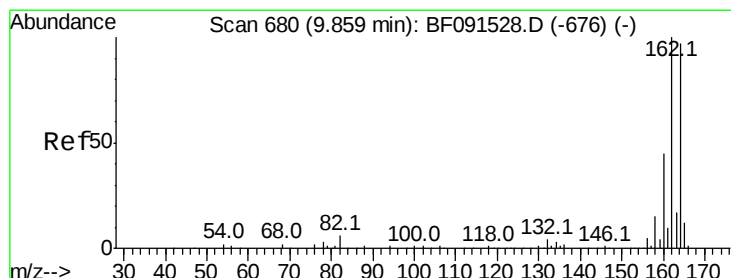
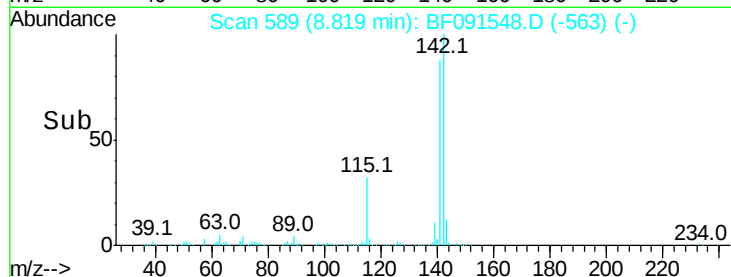
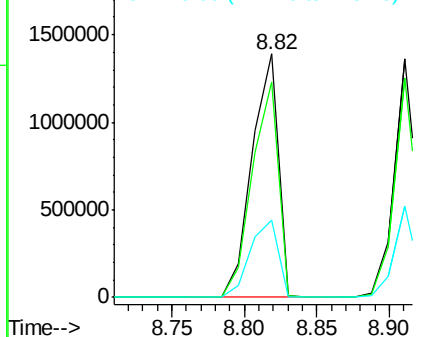
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

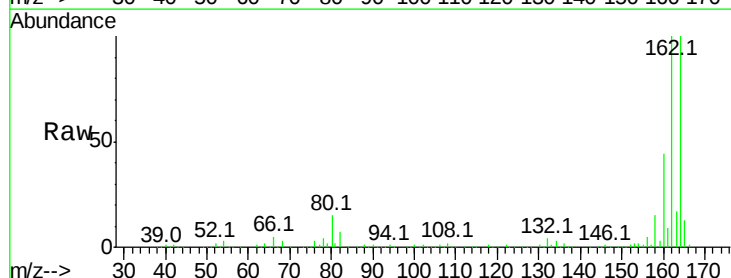
Tgt Ion:164 Resp: 639367

Ion Ratio Lower Upper

164 100

162 100.4 82.6 124.0

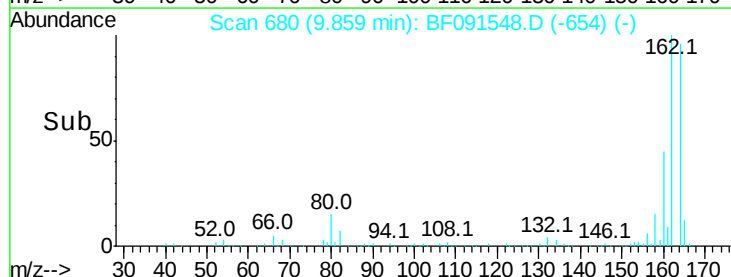
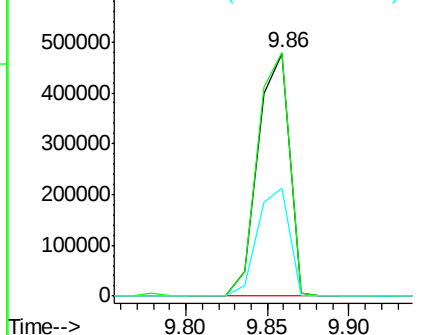
160 44.6 36.7 55.1

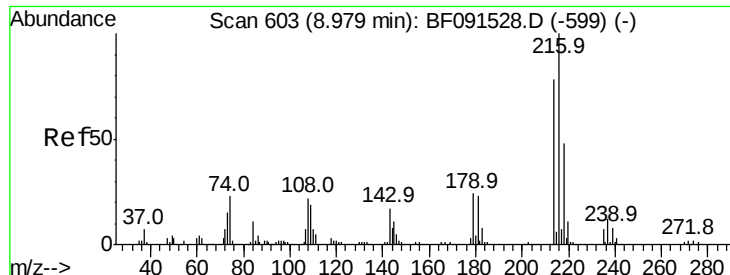


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





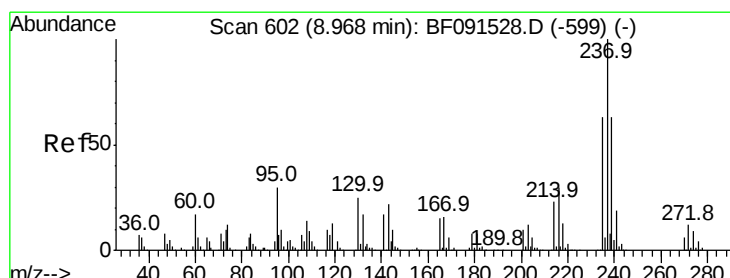
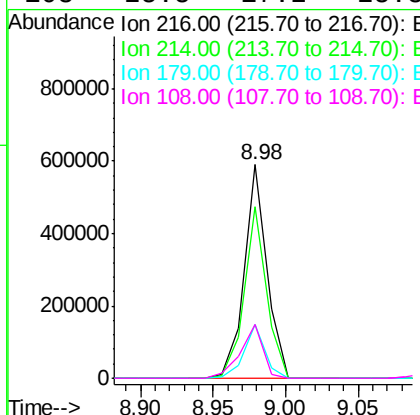
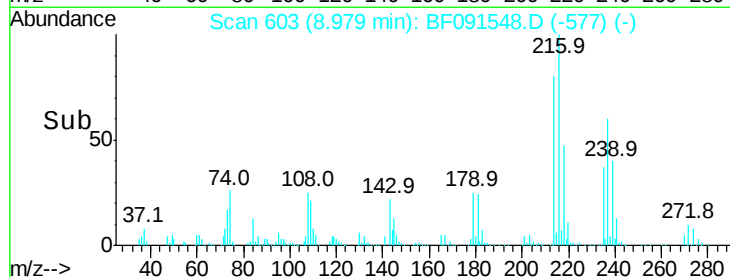
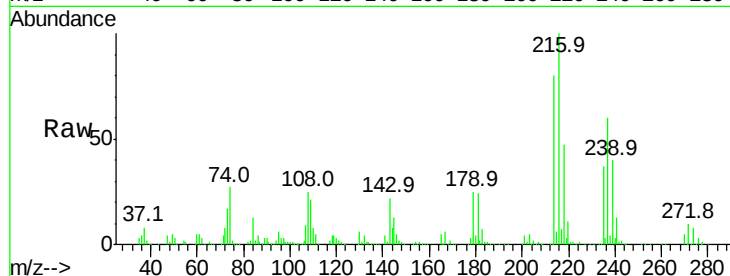
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.43 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	638921		
214	79.5	63.8	95.8	
179	23.2	18.2	27.2	
108	25.5	17.2	25.8	

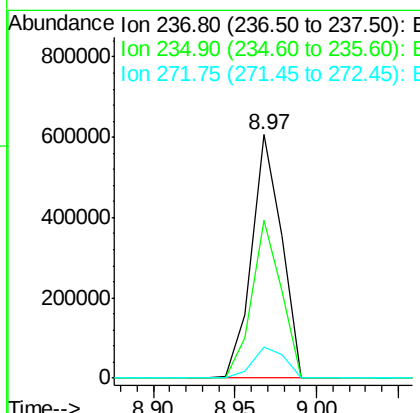
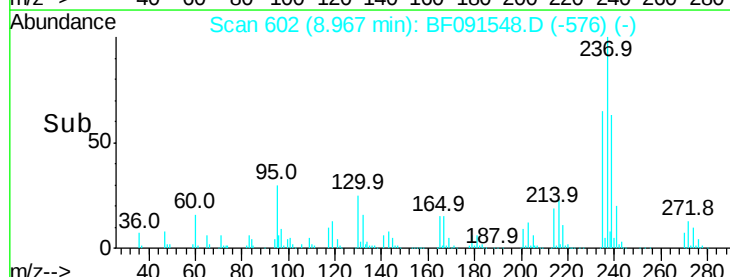
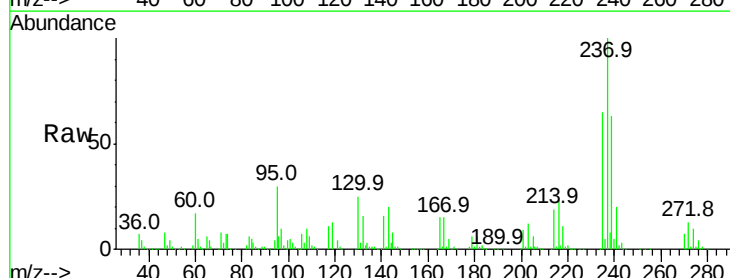
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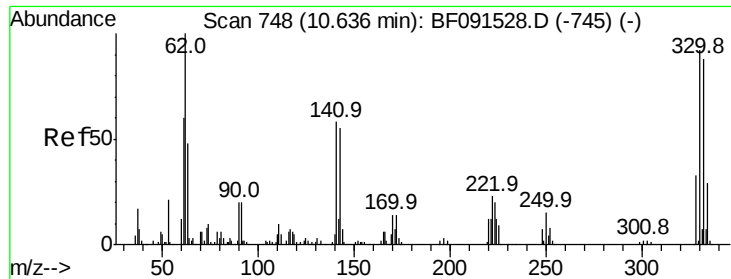
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#40
Hexachlorocyclopentadiene
Concen: 98.43 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	769528		
235	64.6	43.9	83.9	
272	12.8	0.0	33.1	





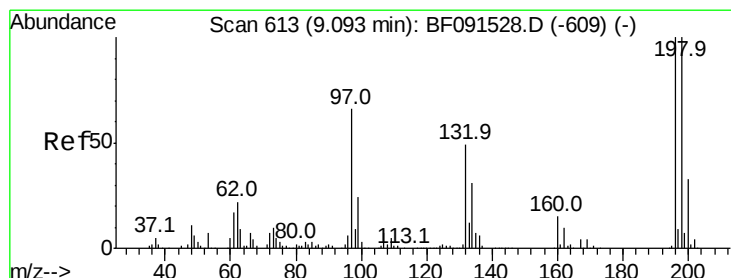
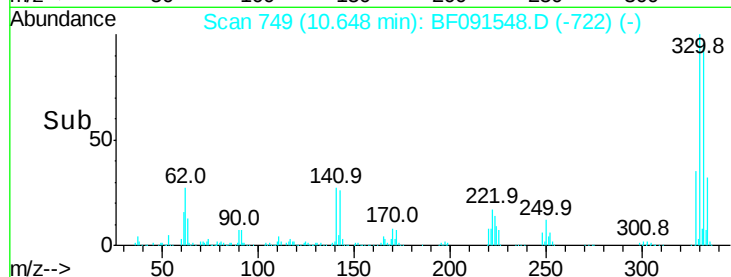
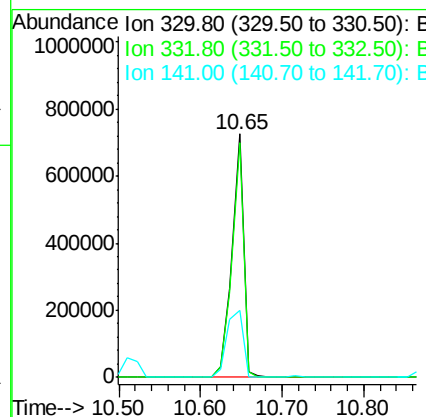
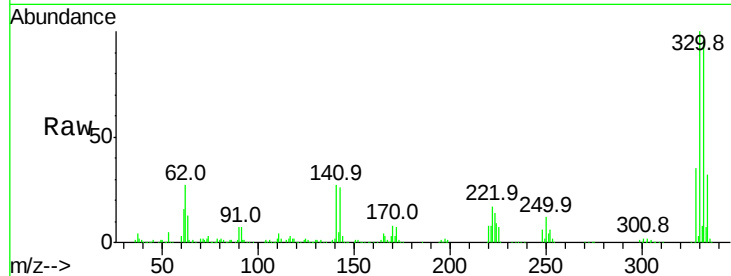
#41
 2,4,6-Tribromophenol
 Concen: 135.96 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	722041		
332	96.1	76.2	114.4	
141	38.2	33.6	50.4	

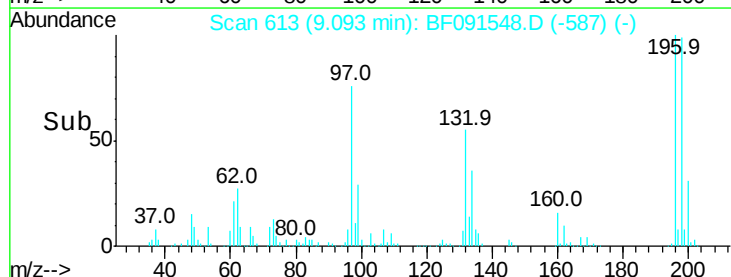
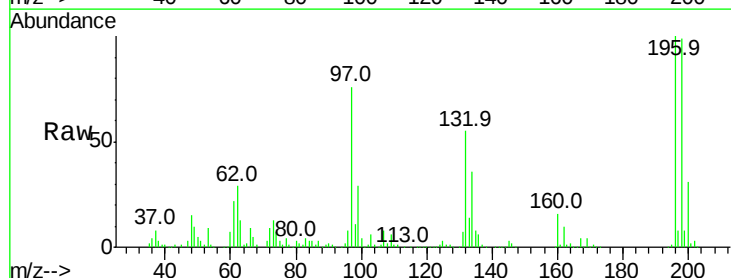
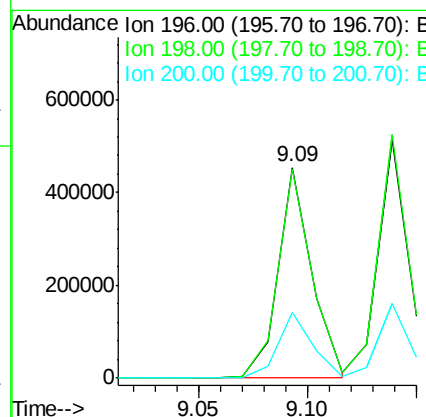
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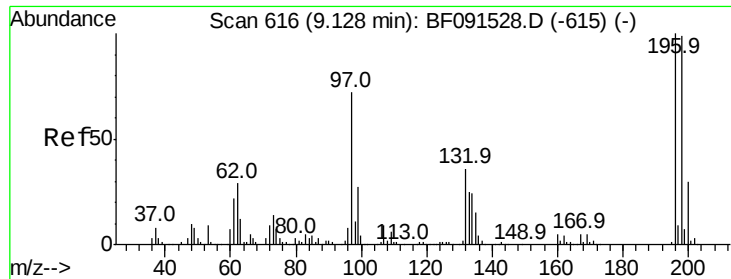
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#42
 2,4,6-Trichlorophenol
 Concen: 43.82 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	493740		
198	99.3	77.4	116.0	
200	31.1	25.2	37.8	





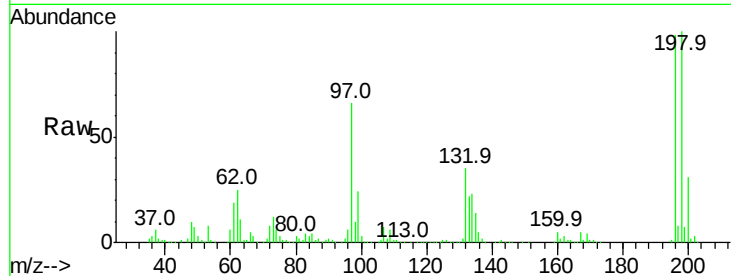
#43
 2,4,5-Trichlorophenol
 Concen: 43.11 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	499160		
198	102.1	77.0	115.6	
97	67.1	33.5	50.3	
132	36.1	20.5	30.7	

Manual Integrations
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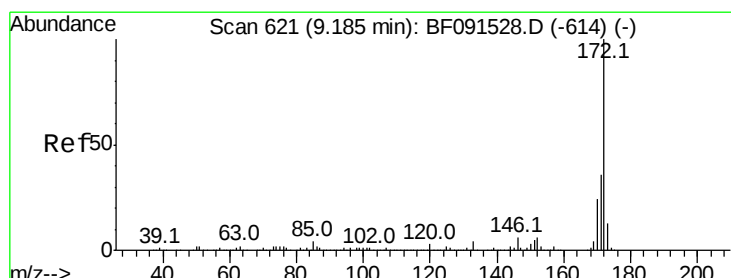
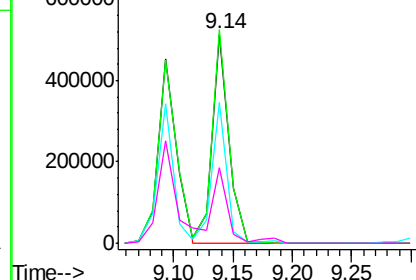
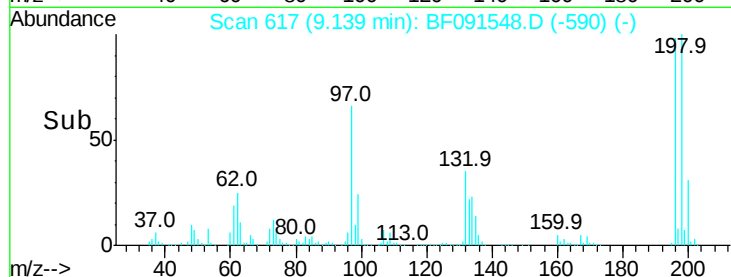
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

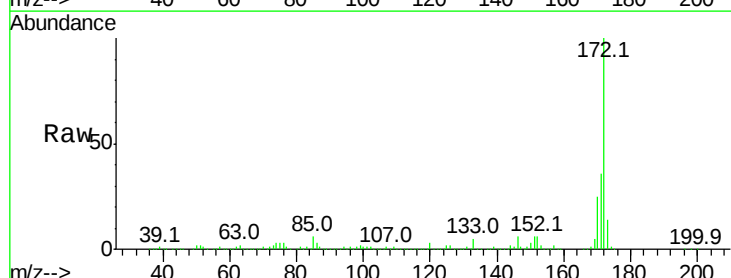
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.27 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3340304		
171	36.3	29.4	44.0	
170	25.0	19.7	29.5	

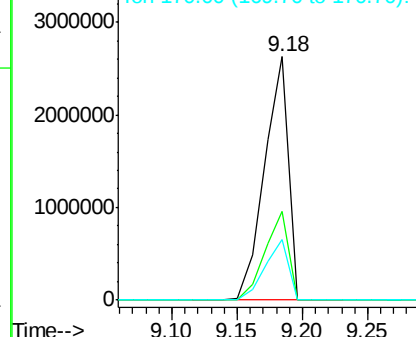
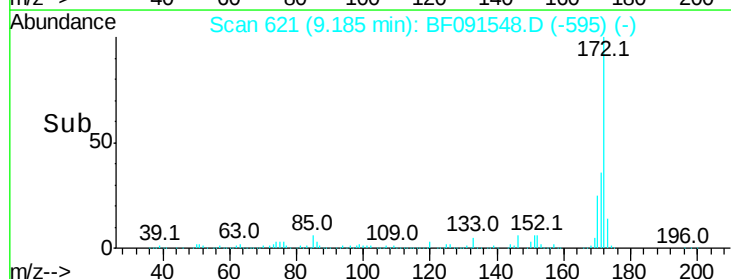


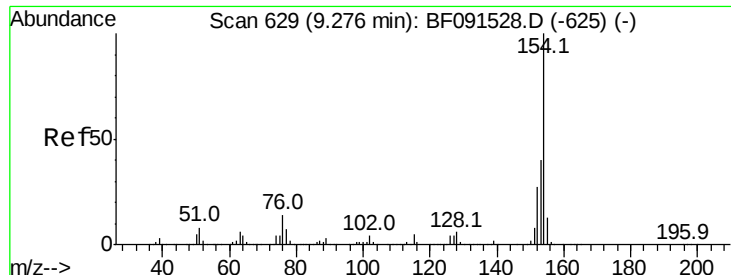
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.80 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion:154 Resp: 1889235

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

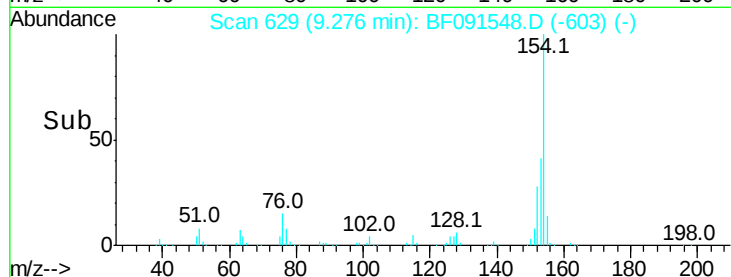
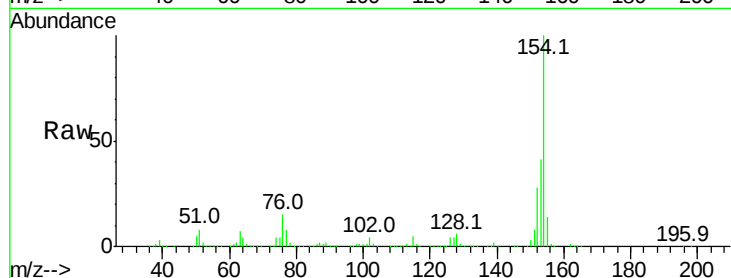
76 15.5 0.0 36.6

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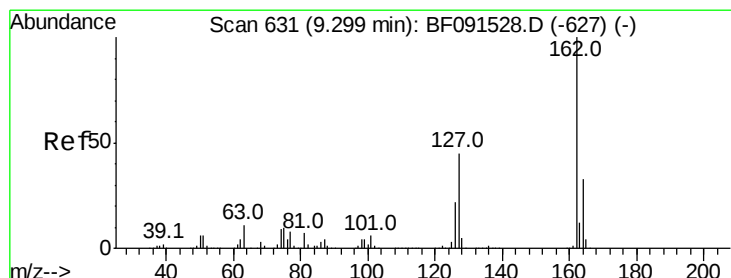
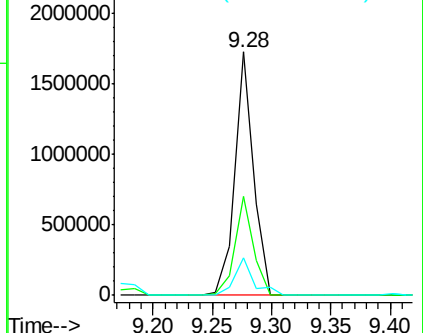
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 41.35 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

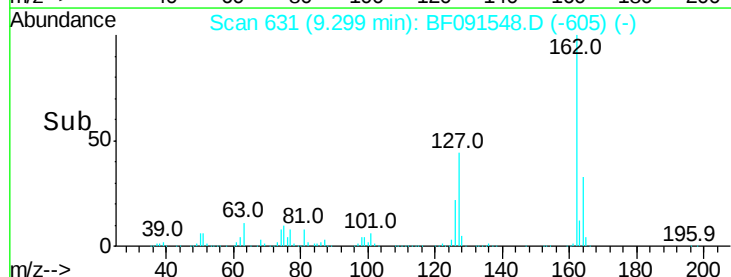
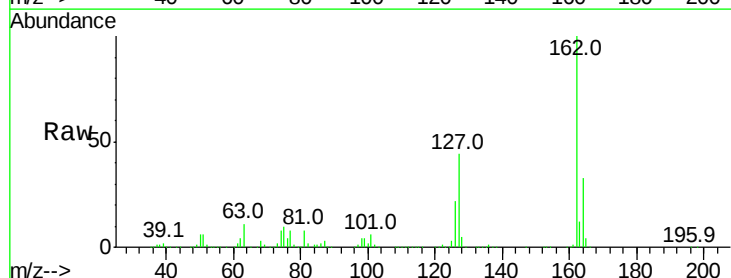
Tgt Ion:162 Resp: 1482960

Ion Ratio Lower Upper

162 100

127 44.4 34.3 51.5

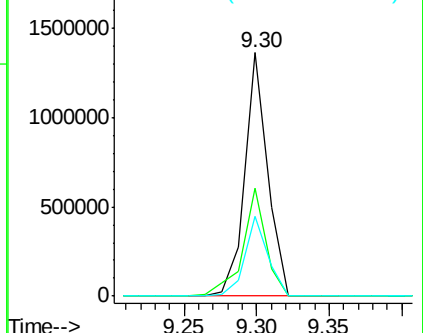
164 33.0 26.6 40.0

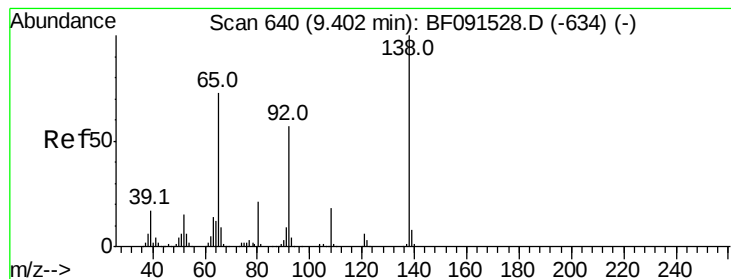


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.05 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

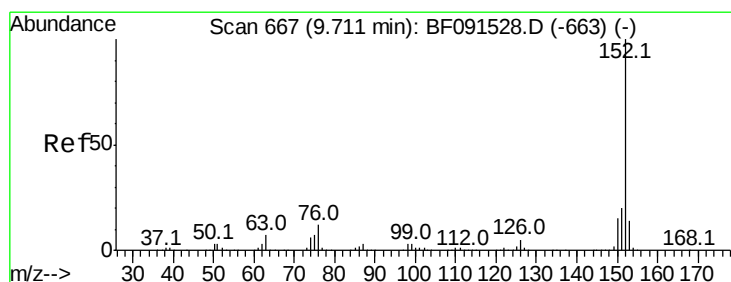
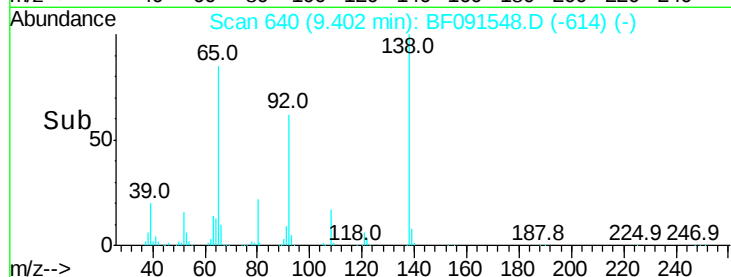
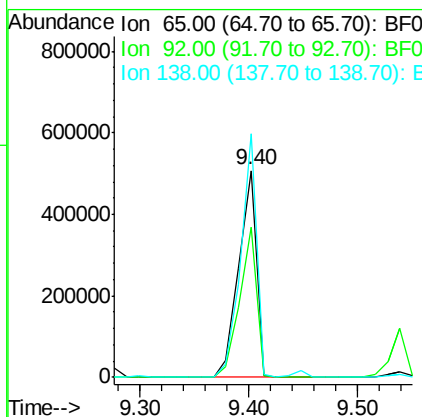
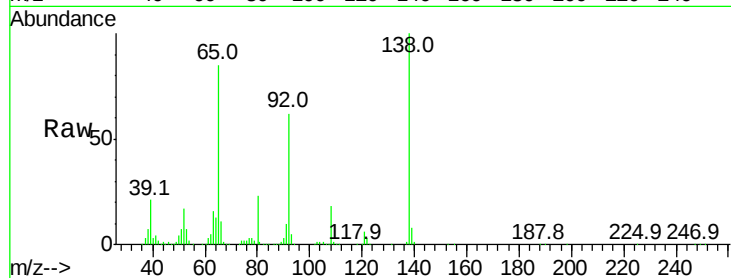
ClientSampleId :

PB95236BS

Tot Ion:	65	Resp:	567378
Ion Ratio	Lower	Upper	
65	100		
92	72.7	53.6	80.4
138	117.6	91.0	136.6

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#48

Acenaphthylene

Concen: 45.06 ng

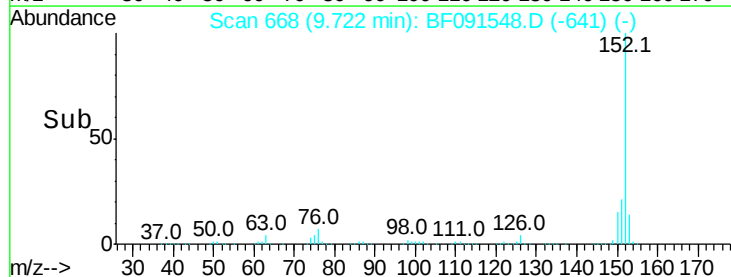
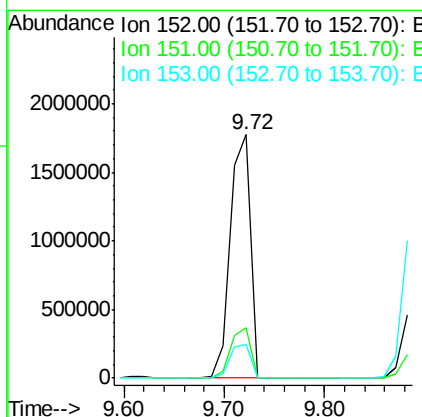
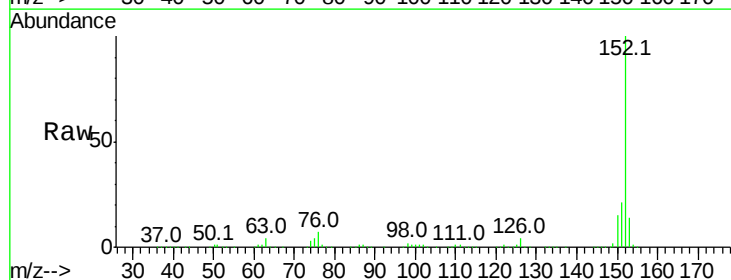
RT: 9.72 min Scan# 668

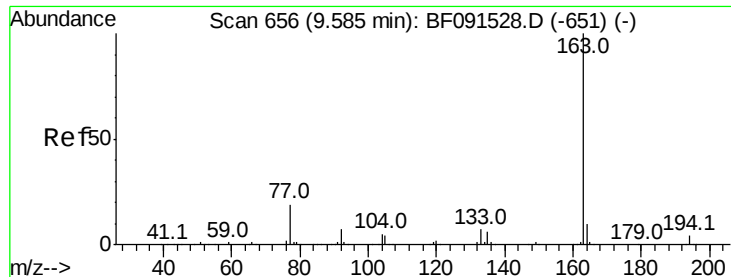
Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:	152	Resp:	2463252
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.6	24.8
153	13.9	10.7	16.1





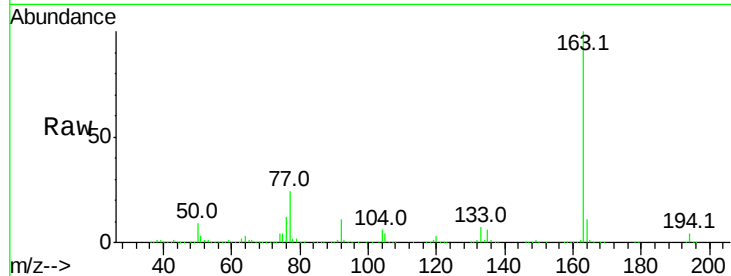
#49
Dimethylphthalate
Concen: 43.98 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

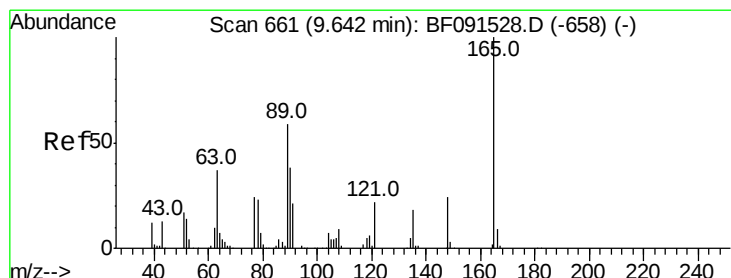
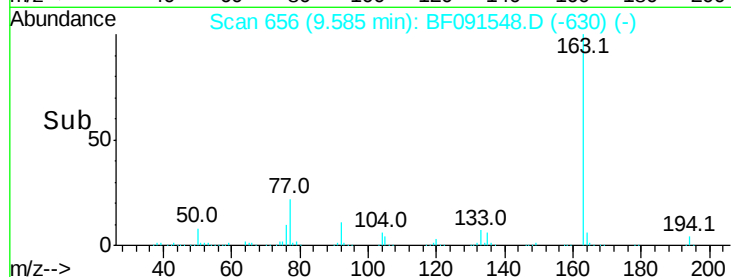
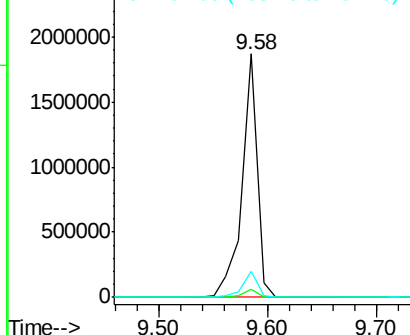
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.8	7.8	11.8

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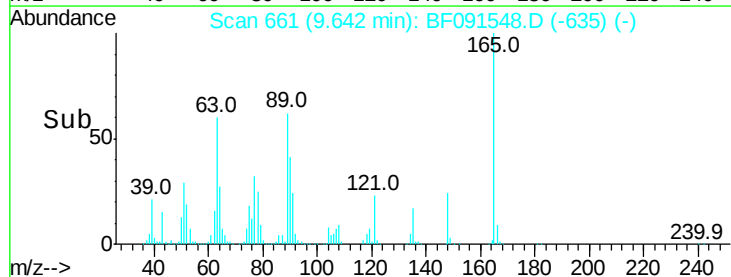
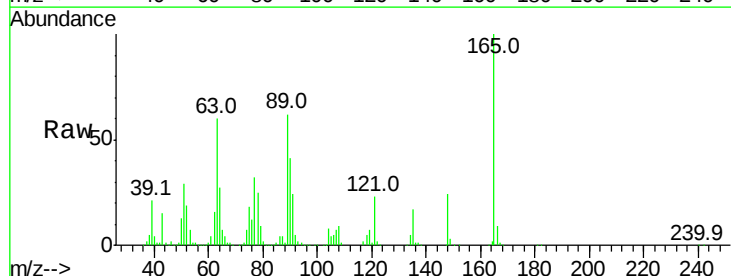
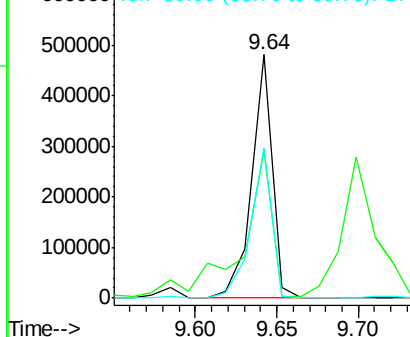
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

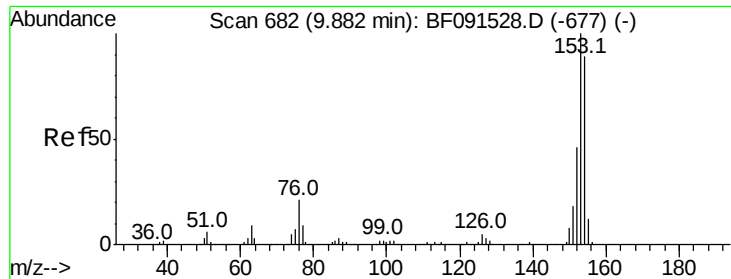


#50
2,6-Dinitrotoluene
Concen: 47.38 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.5	59.4	89.0
89	61.8	50.8	76.2

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





#51

Acenaphthene

Concen: 45.65 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion:154 Resp: 1733231

Ion Ratio Lower Upper

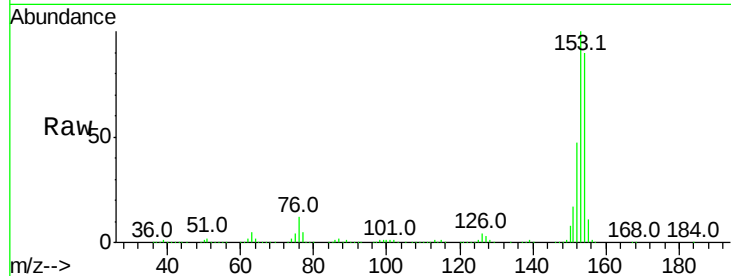
154 100

153 111.4 91.0 136.6

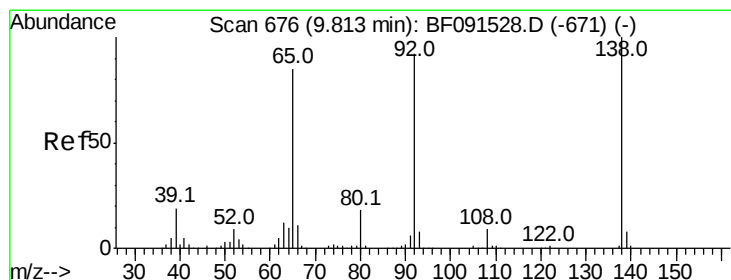
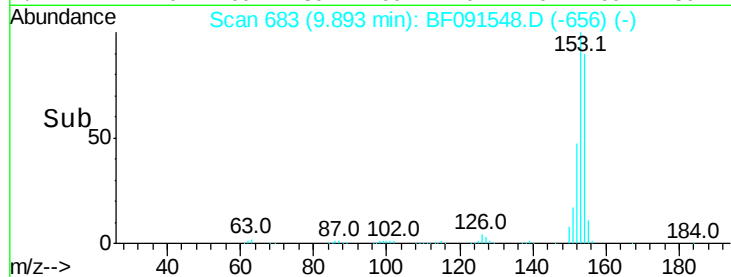
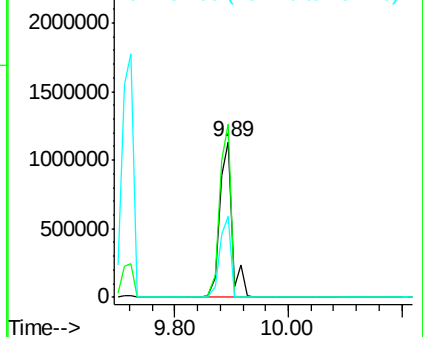
152 52.0 44.2 66.2

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



#52

3-Nitroaniline

Concen: 17.24 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

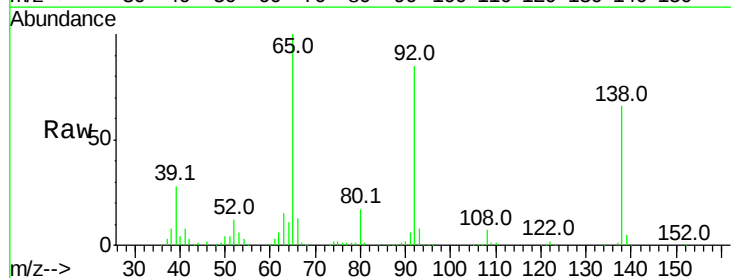
Tgt Ion:138 Resp: 179958

Ion Ratio Lower Upper

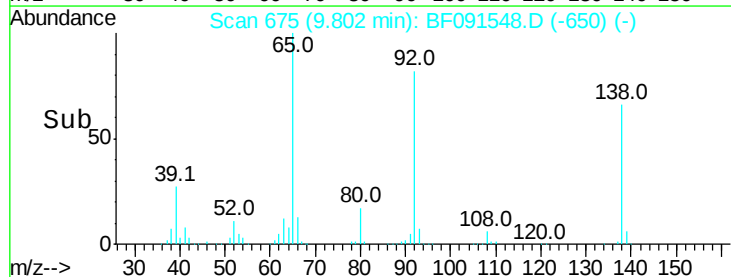
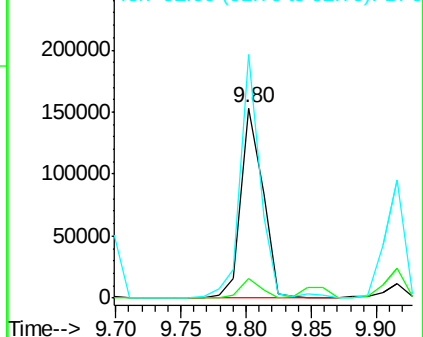
138 100

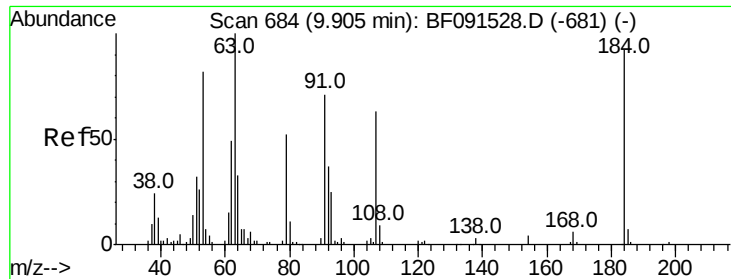
108 10.2 8.1 12.1

92 128.2 92.5 138.7



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





#53

2,4-Dinitrophenol

Concen: 71.64 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

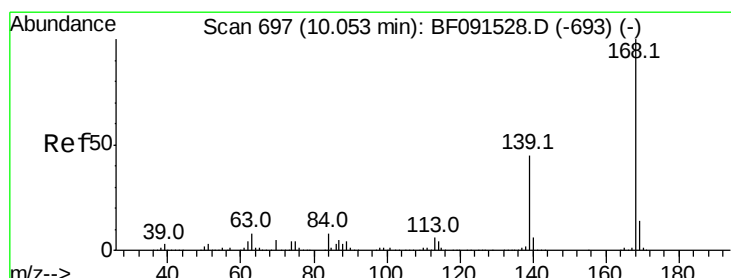
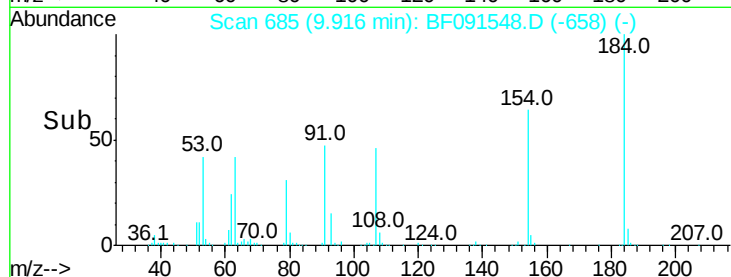
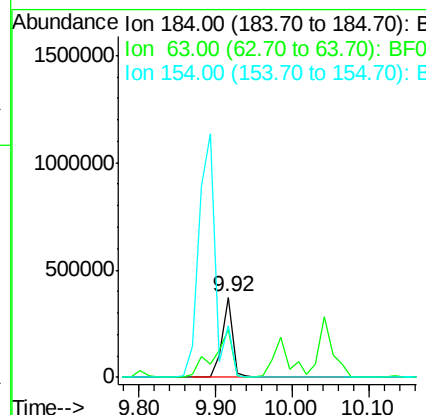
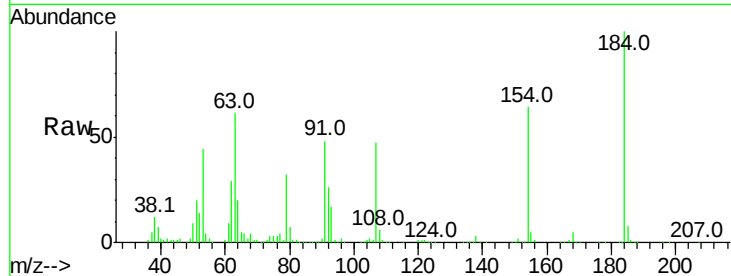
ClientSampled :

PB95236BS

Tot Ion:	184	Resp:	357021
Ion Ratio	Lower	Upper	
184	100		
63	60.5	58.3	87.5
154	64.0	48.6	73.0

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#54

Dibenzofuran

Concen: 46.45 ng

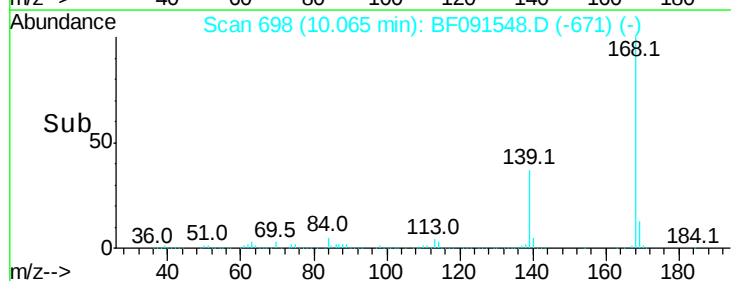
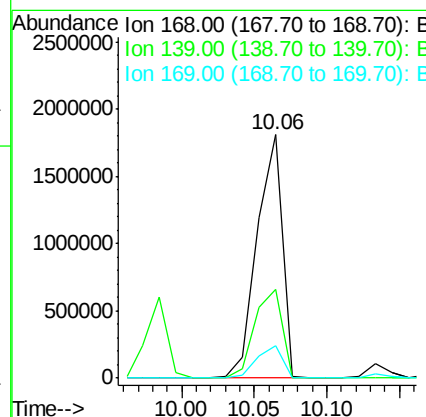
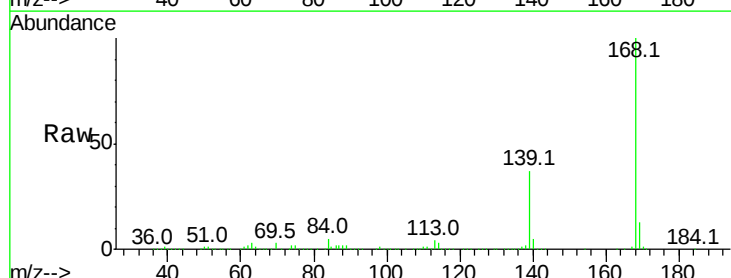
RT: 10.06 min Scan# 698

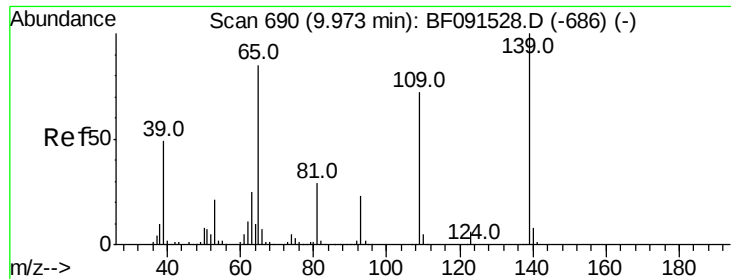
Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:	168	Resp:	2182022
Ion Ratio	Lower	Upper	
168	100		
139	36.7	33.4	50.2
169	13.3	11.1	16.7





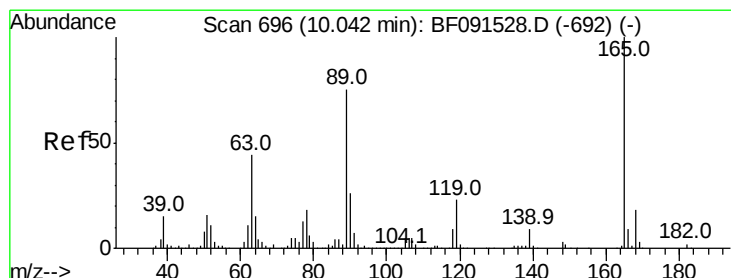
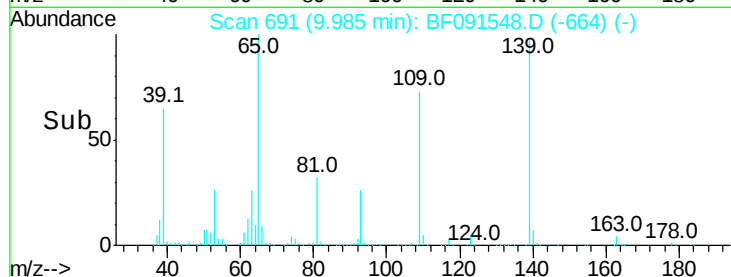
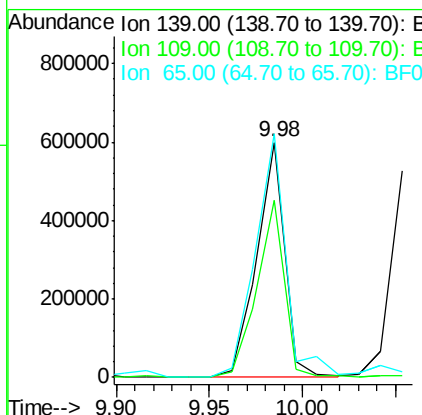
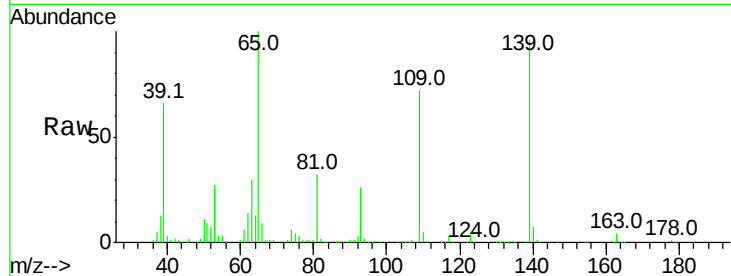
#55
4-Nitrophenol
Concen: 79.61 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.1	54.9	94.9	
65	103.7	102.2	142.2	

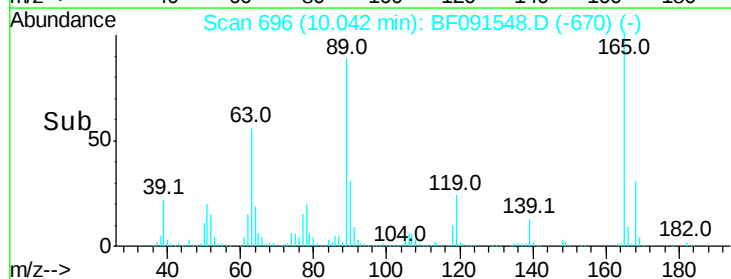
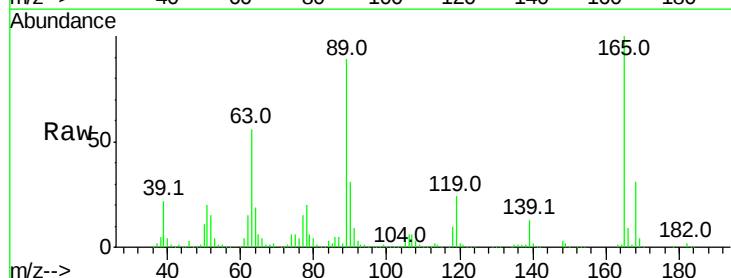
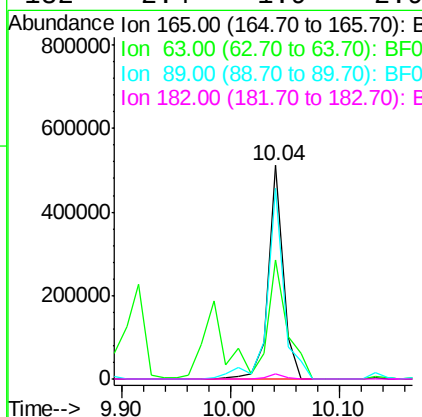
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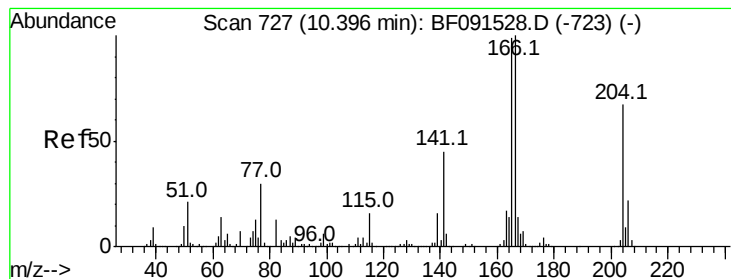
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#56
2,4-Dinitrotoluene
Concen: 44.37 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.7	29.0	43.4#	
89	89.4	43.1	64.7#	
182	2.4	1.9	2.9	





#57

Fluorene

Concen: 46.12 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion:166 Resp: 1543998

Ion Ratio Lower Upper

166 100

165 98.0 80.0 120.0

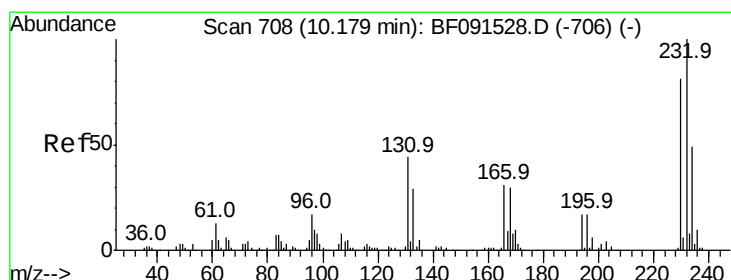
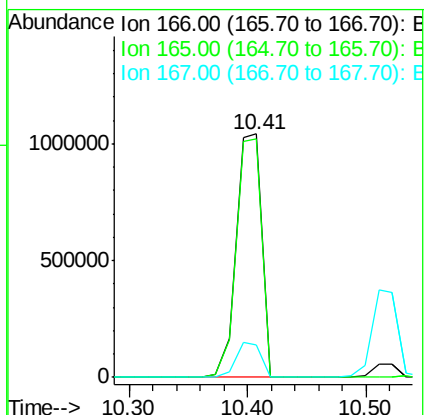
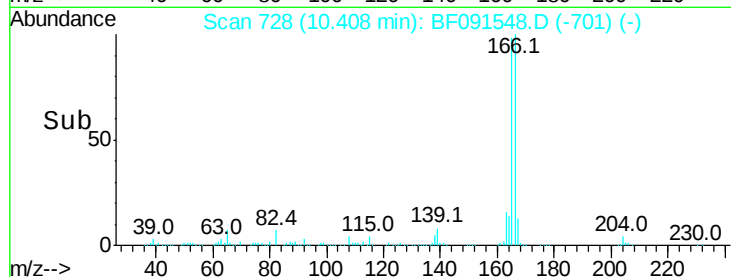
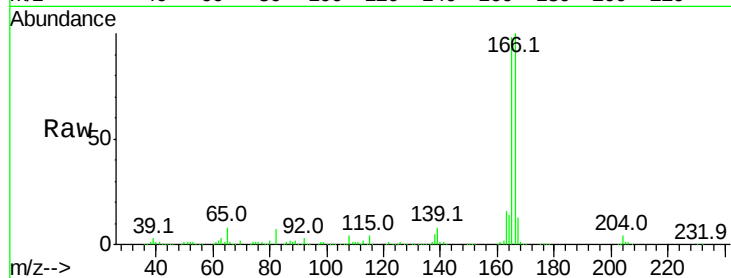
167 13.1 10.8 16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.00 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:232 Resp: 417005

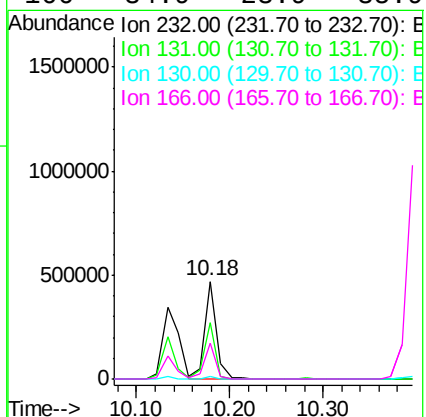
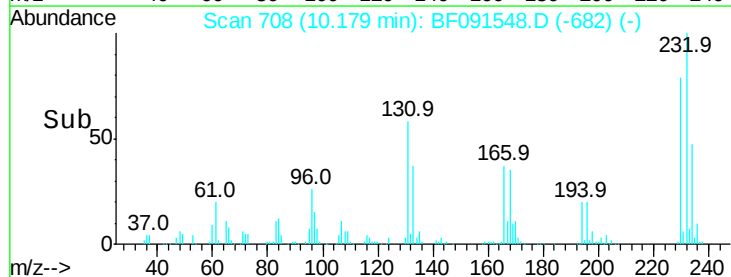
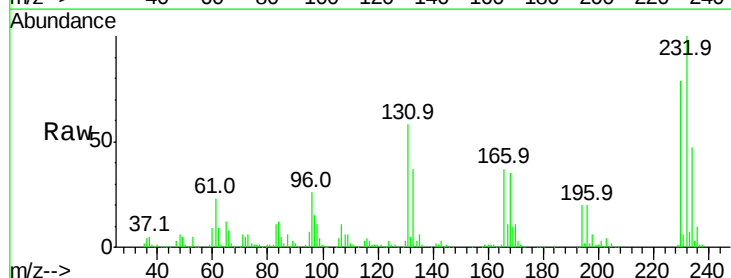
Ion Ratio Lower Upper

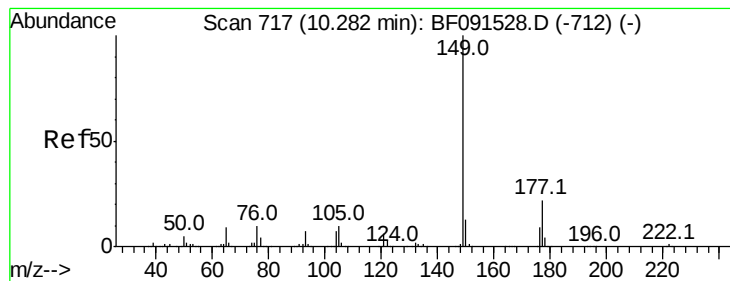
232 100

131 54.3 38.4 57.6

130 2.6 1.8 2.8

166 34.9 23.9 35.9





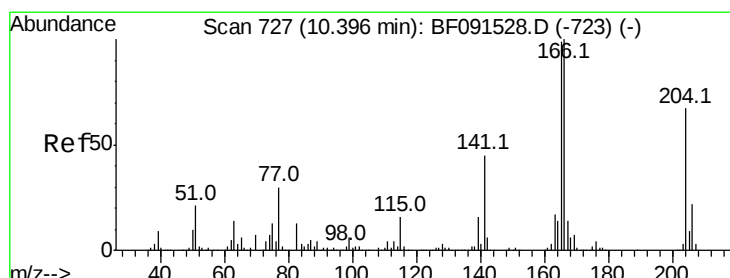
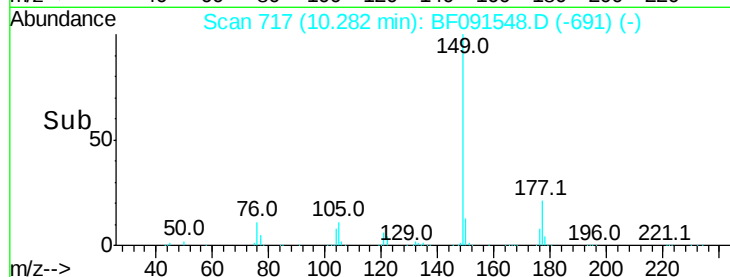
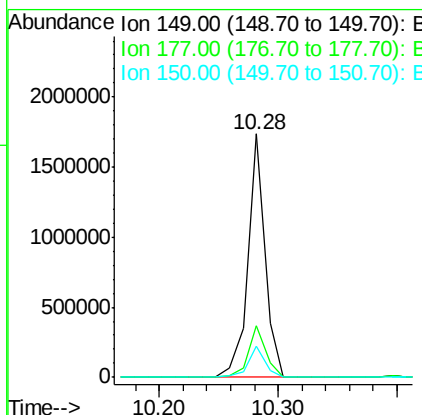
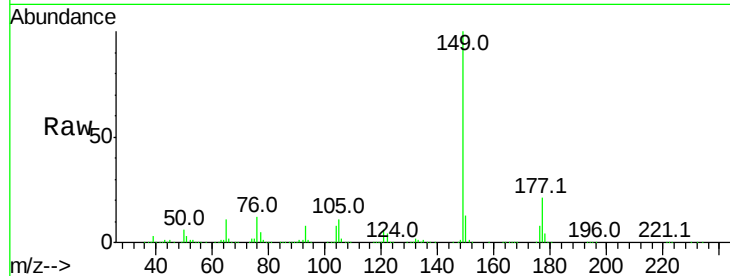
#59
Diethylphthalate
Concen: 44.77 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion:149 Resp: 1745310
Ion Ratio Lower Upper
149 100
177 21.4 15.7 23.5
150 12.7 10.2 15.2

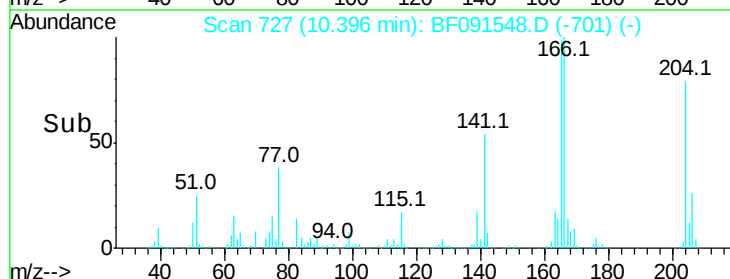
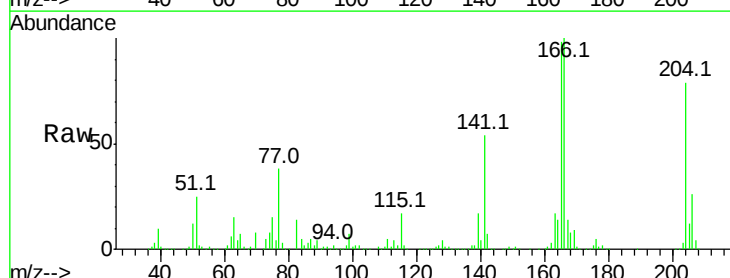
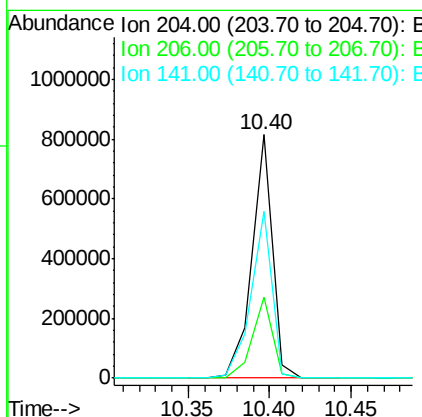
Manual Integrations
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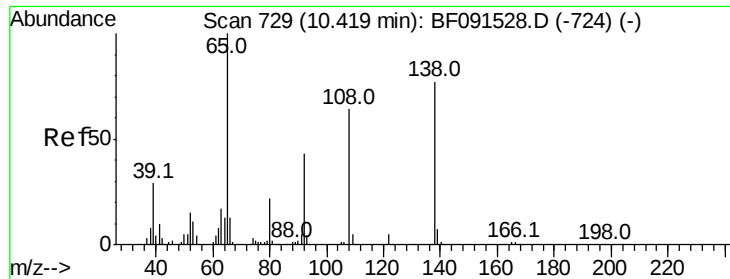
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.08 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion:204 Resp: 710733
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 68.7 40.6 61.0#





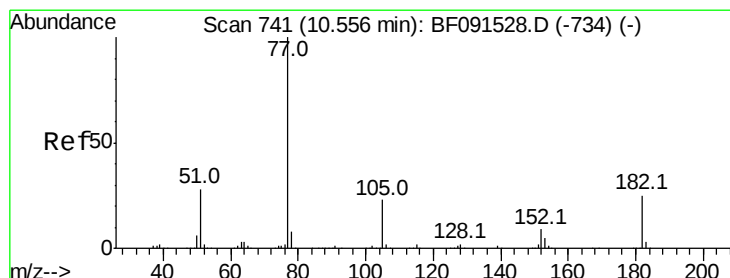
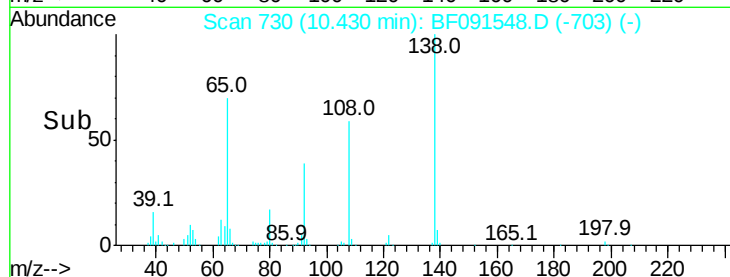
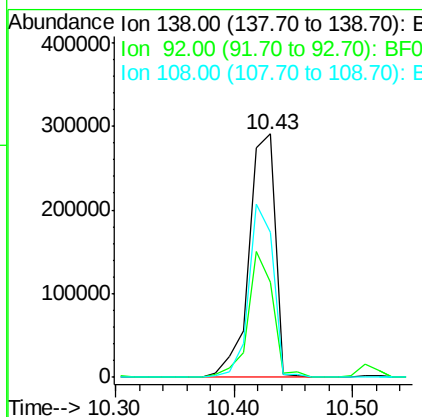
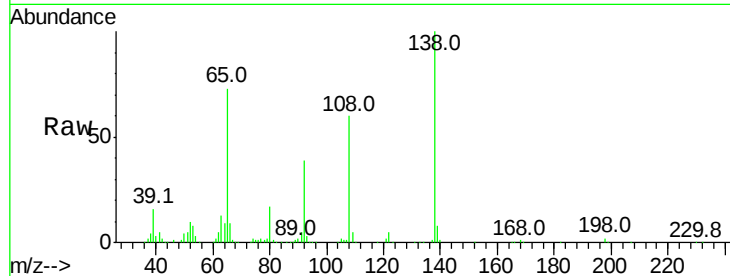
#61
4-Nitroaniline
Concen: 43.58 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	38.9	26.9	66.9
108	59.5	49.1	89.1

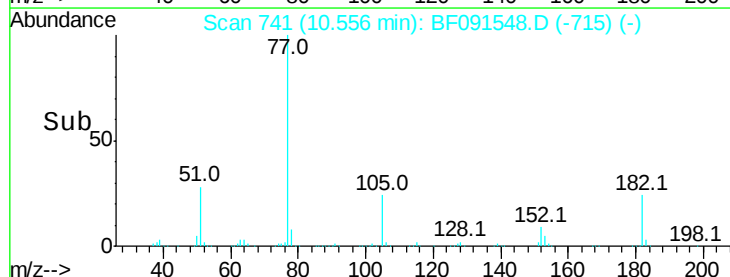
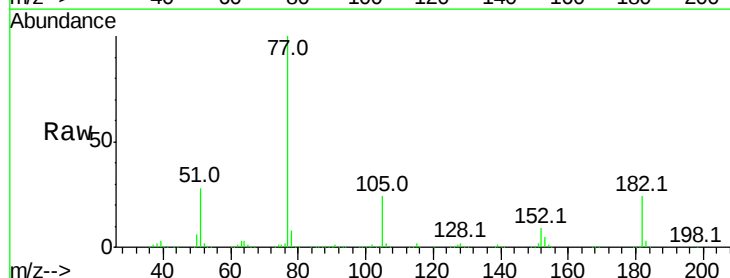
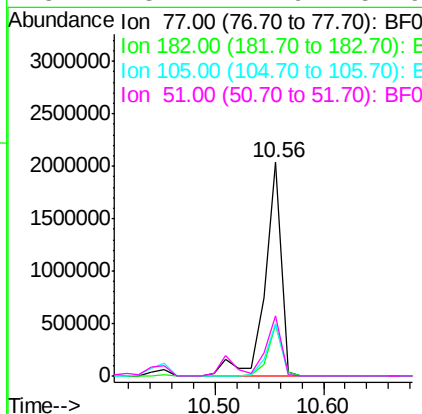
Manual Integrations
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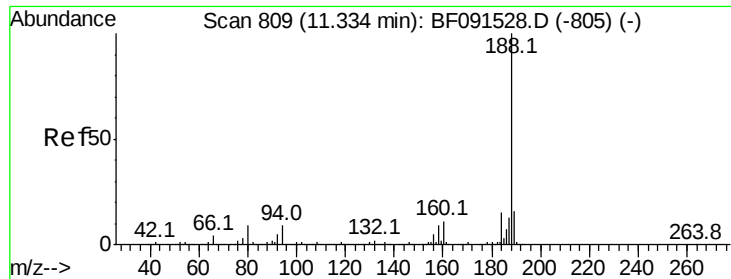
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#62
Azobenzene
Concen: 49.03 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	12.5	52.5
105	24.5	3.7	43.7
51	28.1	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion:188 Resp: 1030335

Ion Ratio Lower Upper

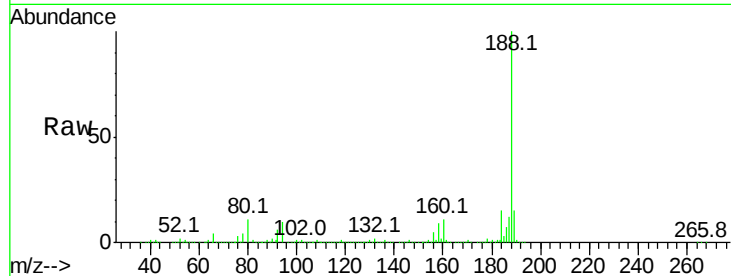
188 100

94 10.4 9.2 13.8

80 11.2 10.5 15.7

Manual Integrations
APPROVED

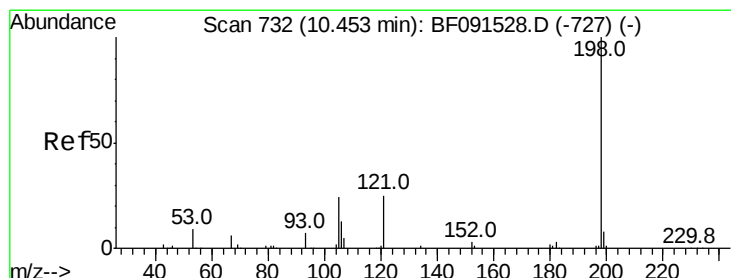
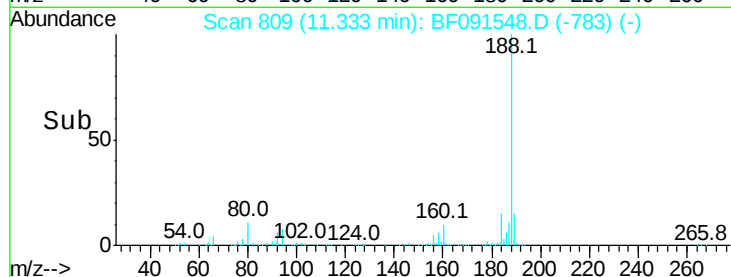
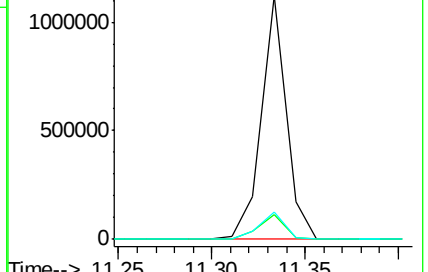
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.38 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

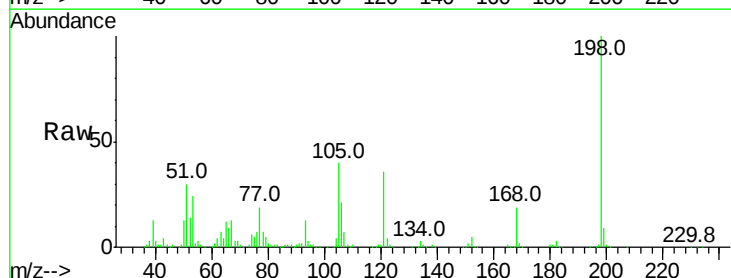
Tgt Ion:198 Resp: 282905

Ion Ratio Lower Upper

198 100

51 30.3 77.1 117.1#

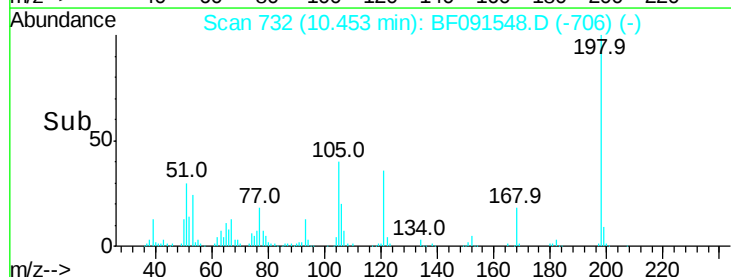
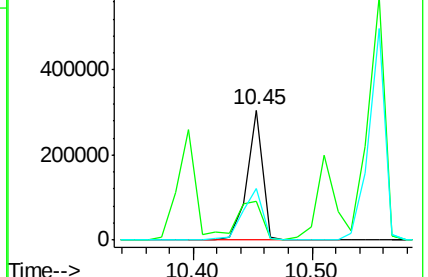
105 39.6 44.8 84.8#

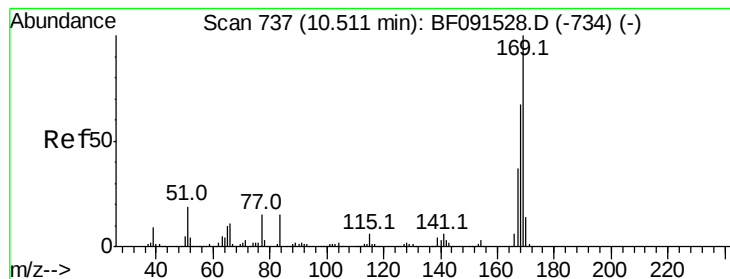


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





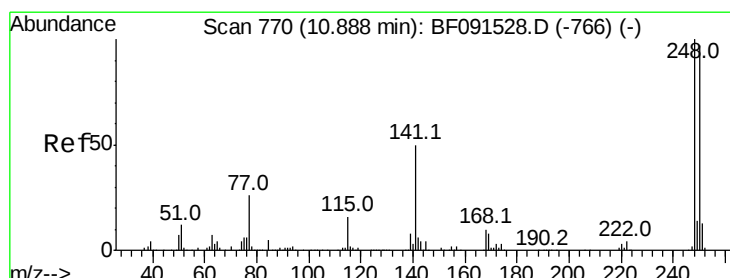
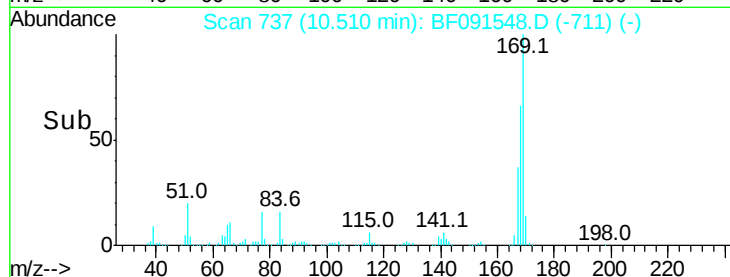
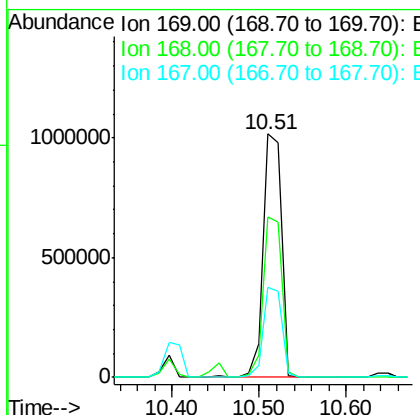
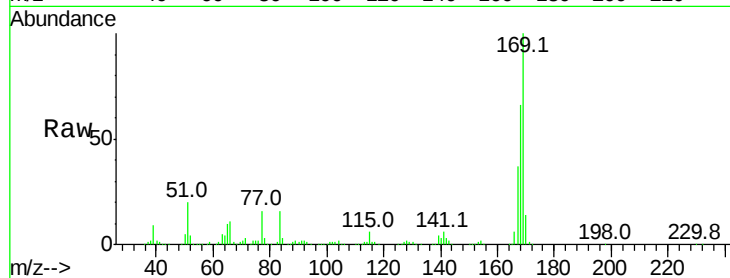
#65
n-Nitrosodiphenylamine
Concen: 48.41 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampled :
PB95236BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.8	80.8
167	36.8	29.8	44.8

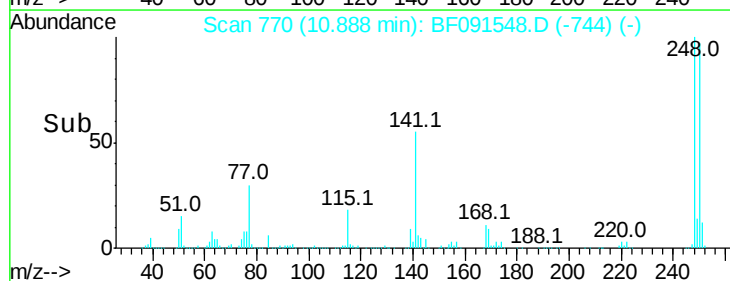
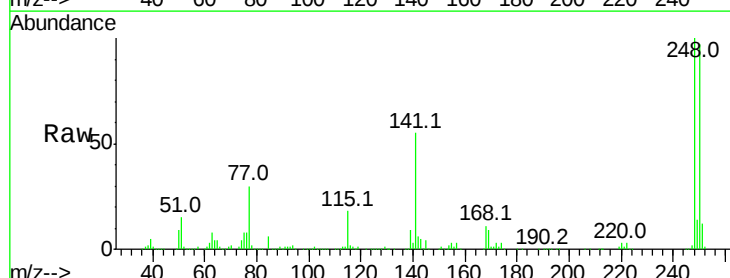
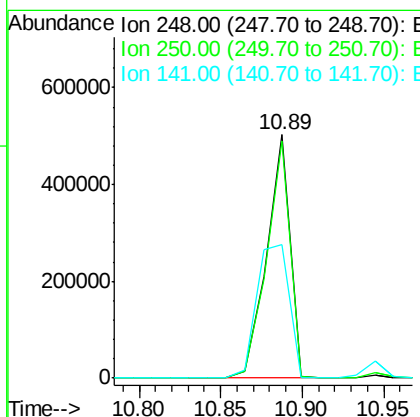
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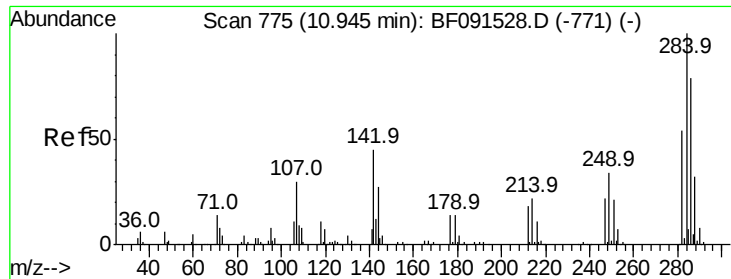
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#66
4-Bromophenyl-phenylether
Concen: 47.63 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.2	117.4
141	54.9	71.9	107.9#





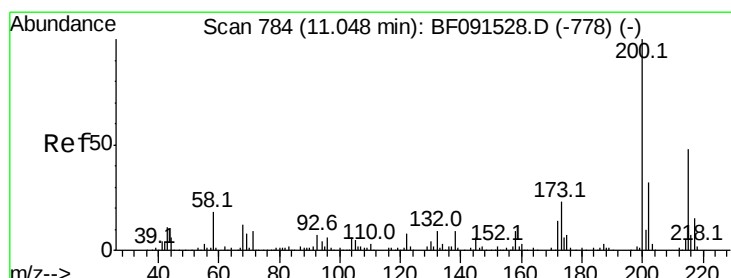
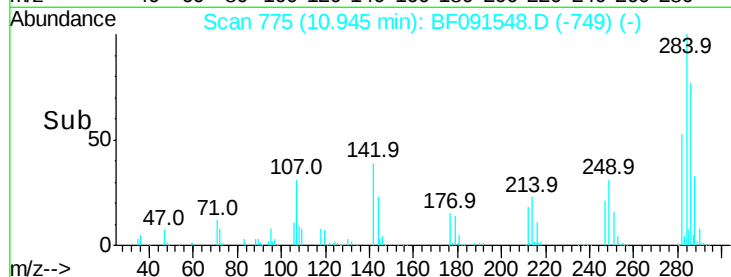
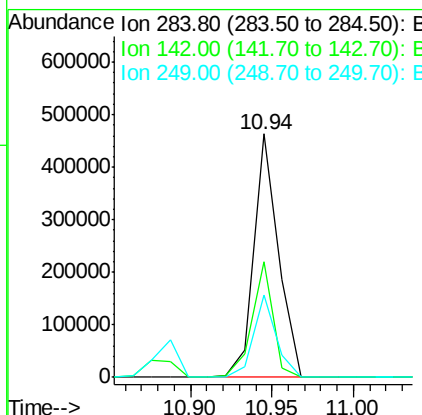
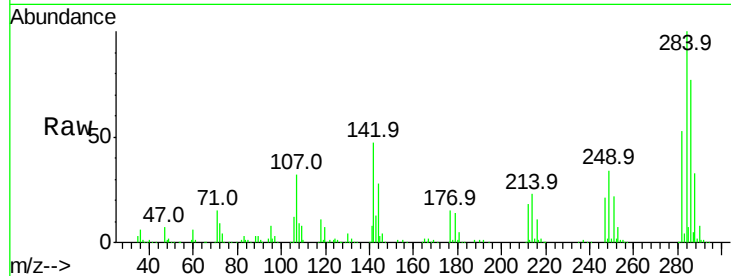
#67
Hexachlorobenzene
Concen: 44.00 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	47.3	17.9	26.9	
249	33.8	23.6	35.4	

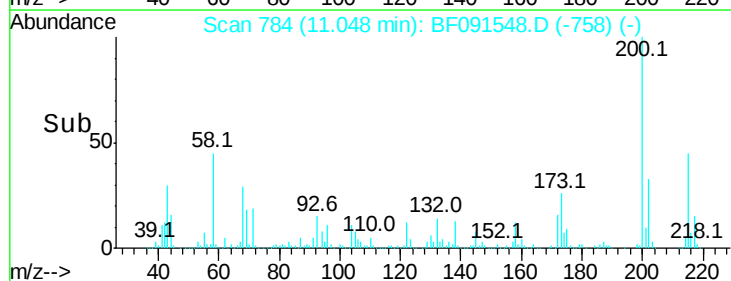
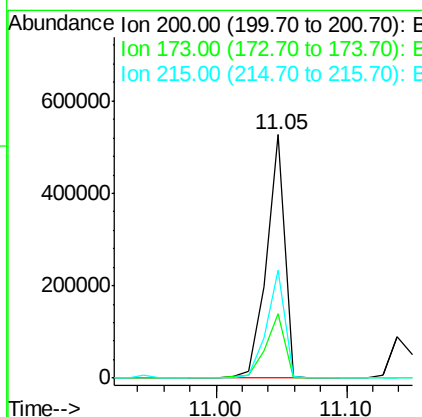
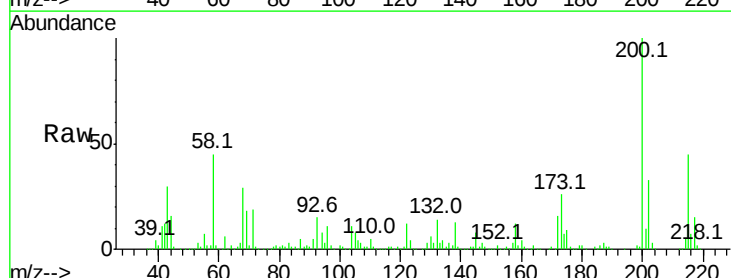
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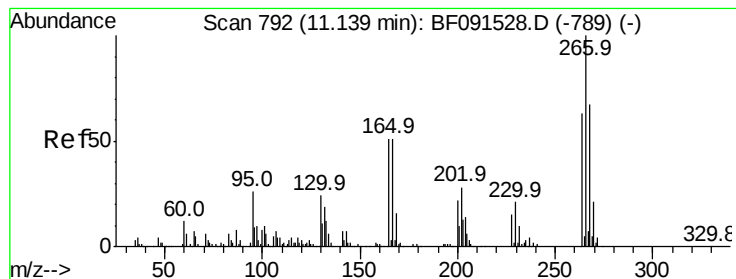
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#68
Atrazine
Concen: 52.12 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.3	7.8	47.8	
215	44.6	24.3	64.3	





#69

Pentachlorophenol

Concen: 89.34 ng

RT: 11.15 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

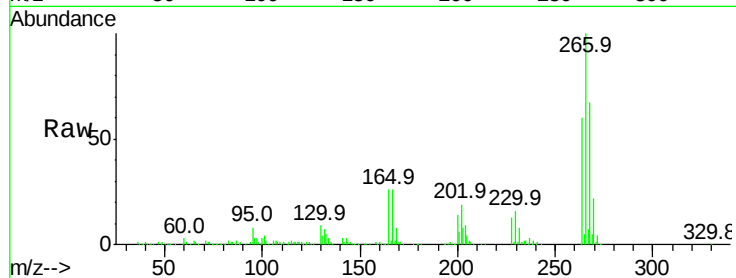
ClientSampleId :

PB95236BS

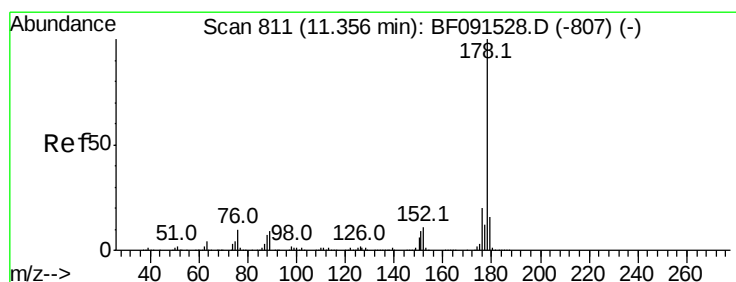
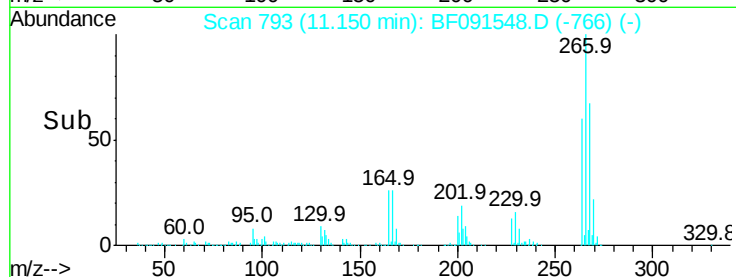
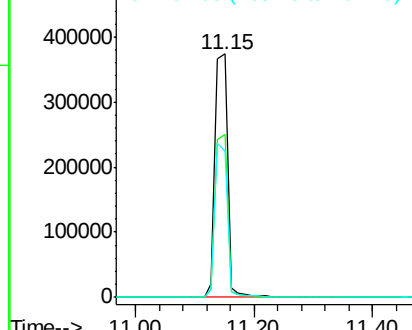
Tot Ion:	266	Resp:	552292
Ion Ratio		Lower	Upper
266	100		
268	67.1	50.3	75.5
264	60.3	48.2	72.2

Manual Integrations
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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: 43.90 ng

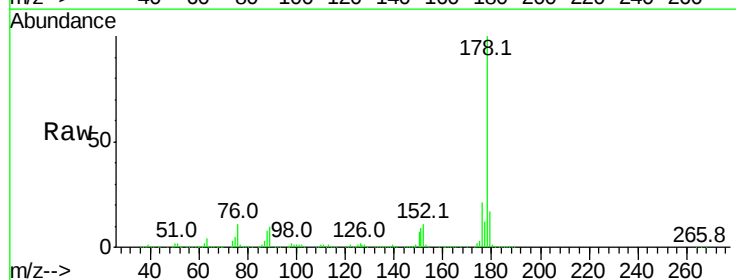
RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

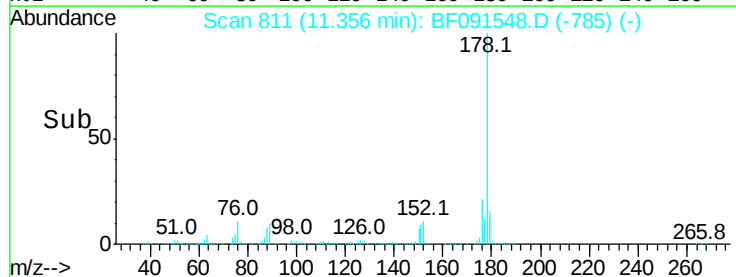
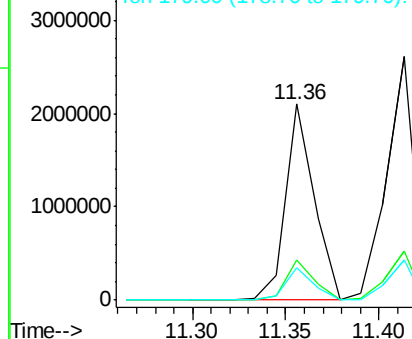
Lab File: BF091548.D

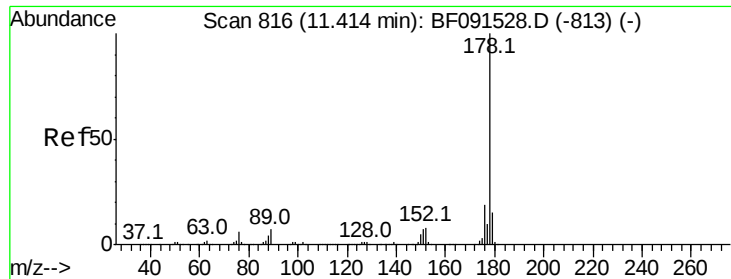
Acq: 13 Dec 2016 12:37

Tgt Ion:	178	Resp:	2239816
Ion Ratio		Lower	Upper
178	100		
176	20.6	15.9	23.9
179	16.5	12.6	18.8



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: 46.89 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

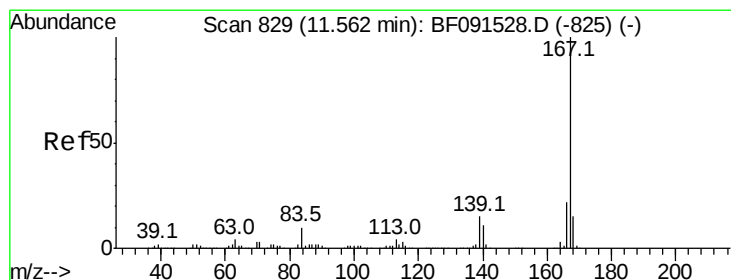
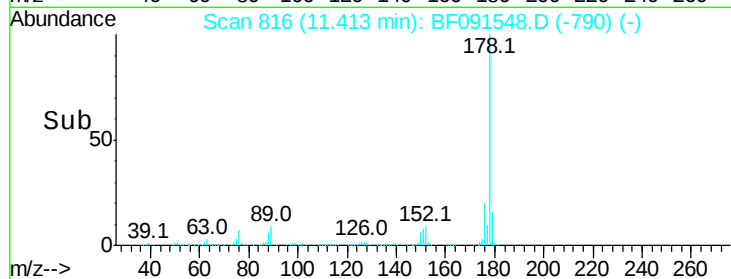
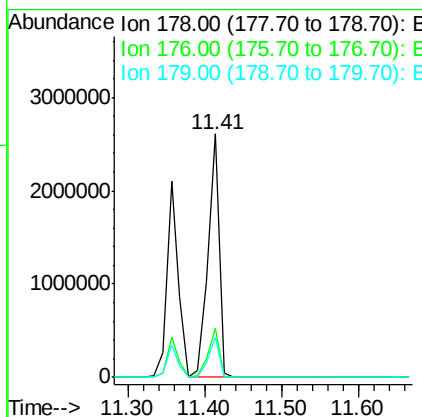
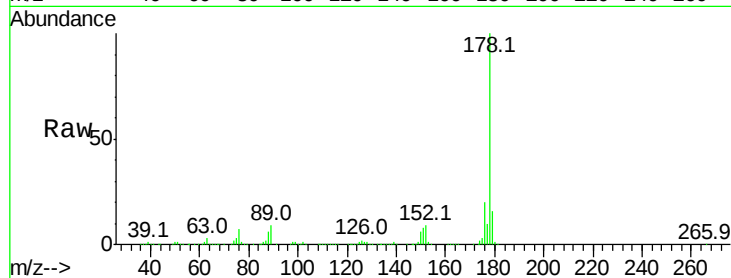
Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tot Ion:178 Resp: 2580358

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.3	12.7	19.1

Manual Integrations
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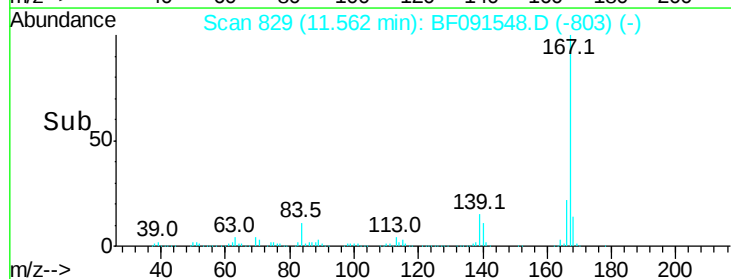
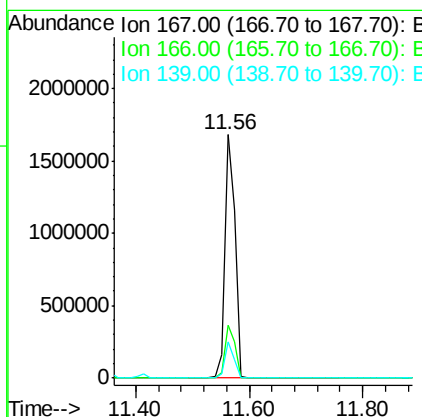
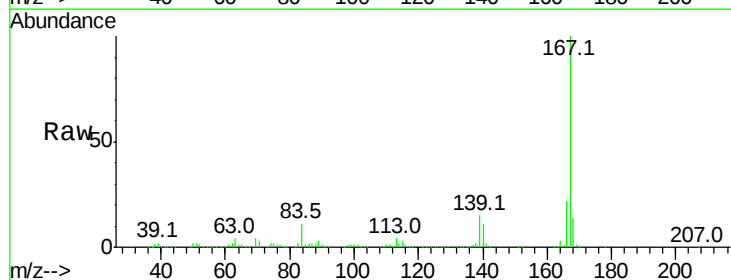
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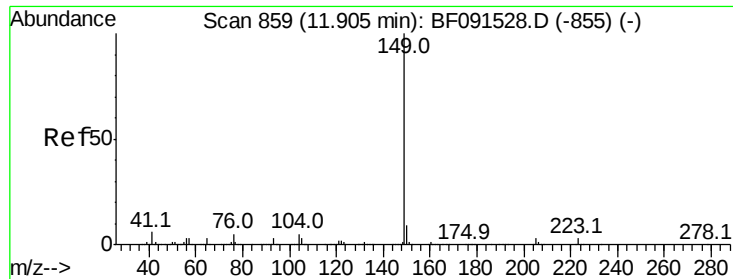


#72
 Carbazole
 Concen: 43.31 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:167 Resp: 2089148

Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	15.1	11.5	17.3





#73

Di-n-butylphthalate

Concen: 49.28 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

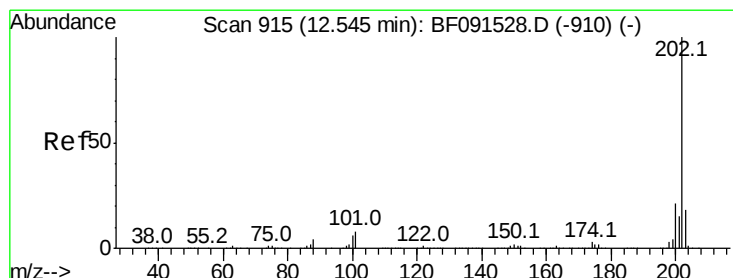
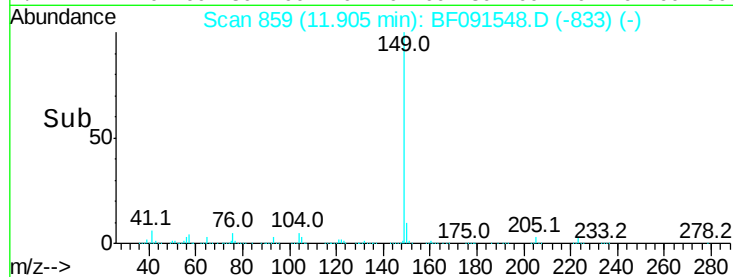
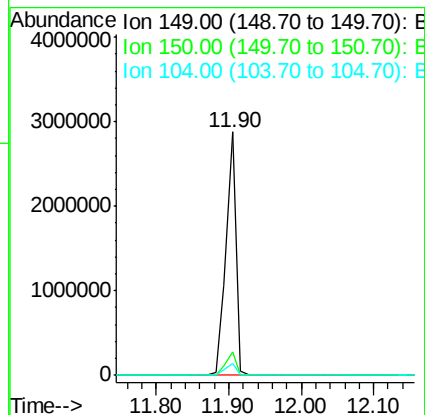
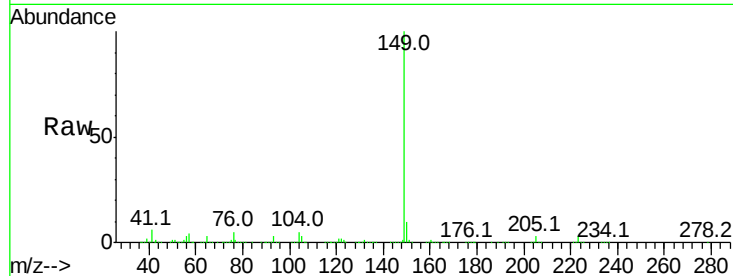
ClientSampleId :

PB95236BS

Tot Ion:	149	Resp:	2769801
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.5	11.3
104	5.0	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 46.41 ng

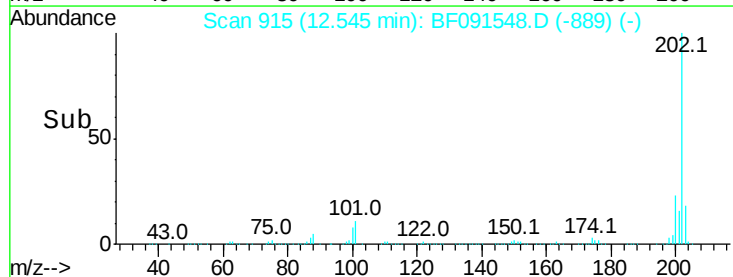
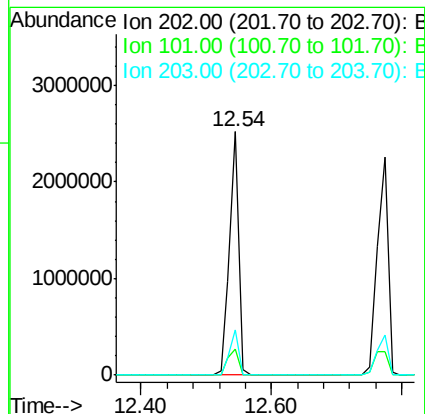
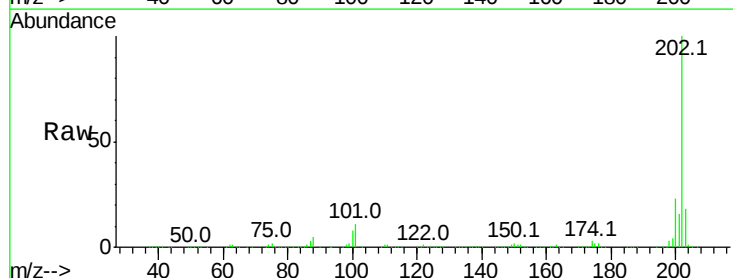
RT: 12.54 min Scan# 915

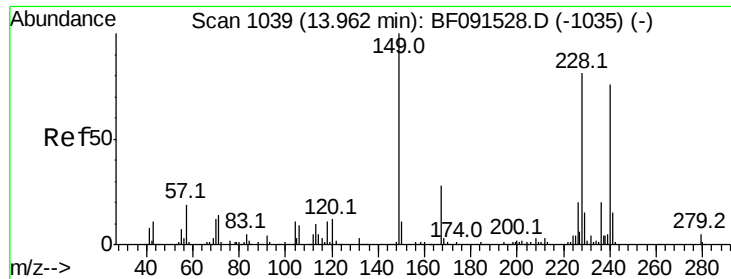
Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:	202	Resp:	2479728
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.5
203	18.4	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

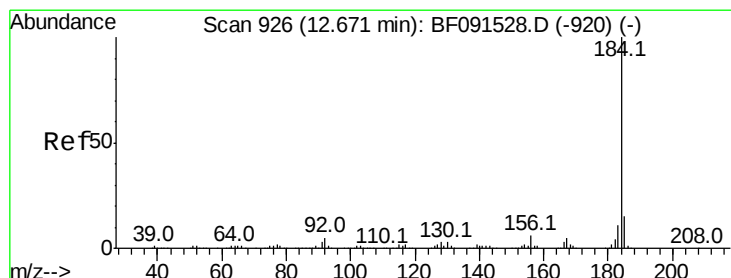
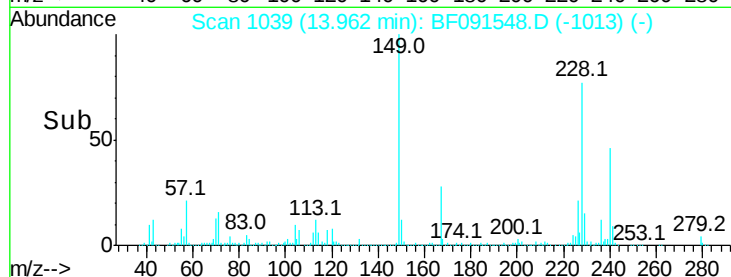
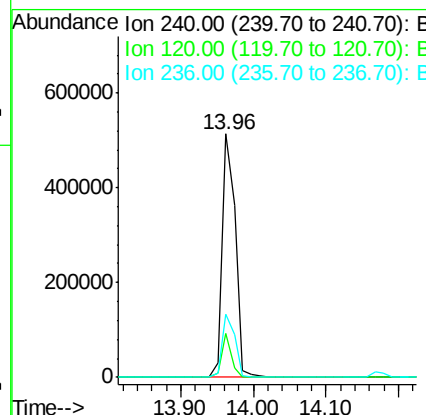
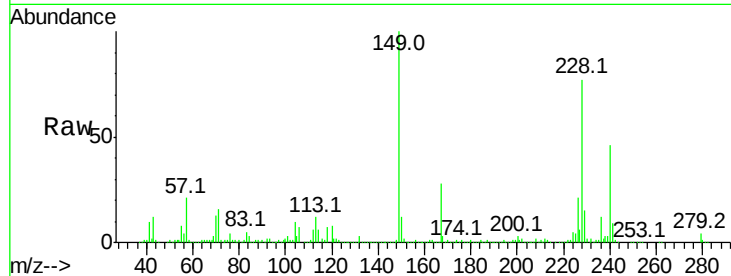
ClientSampleId :

PB95236BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.8	12.1	18.1
236	26.0	21.0	31.6

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#76

Benzidine

Concen: 33.06 ng

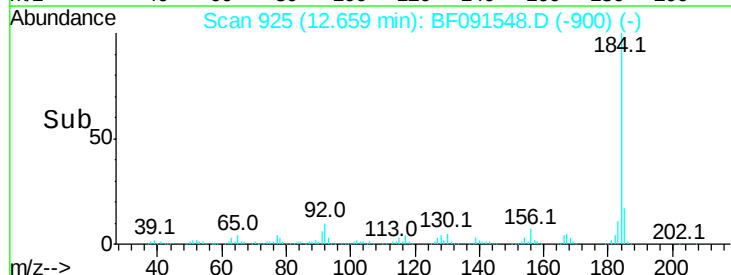
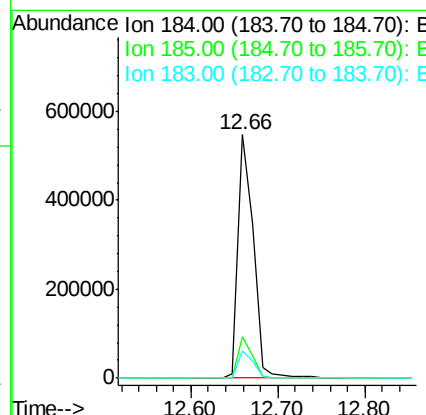
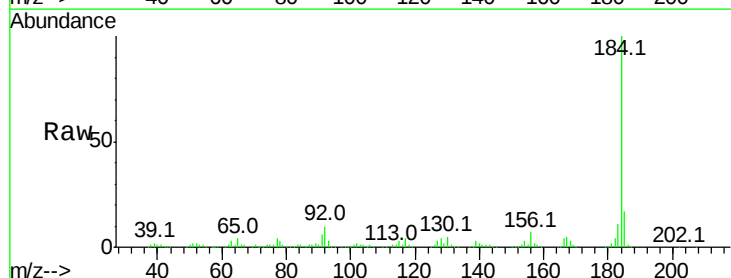
RT: 12.66 min Scan# 925

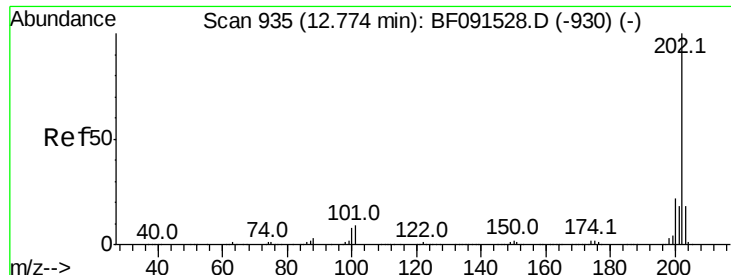
Delta R.T. -0.01 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.1	19.7
183	11.2	8.9	13.3





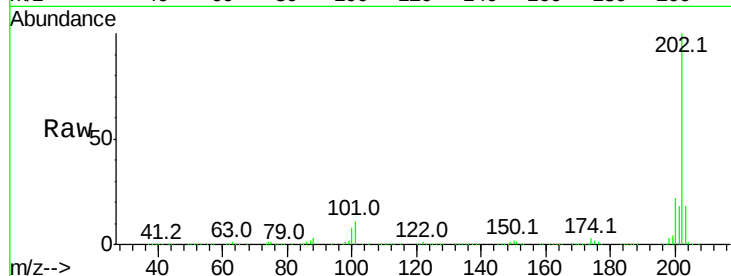
#77
Pvrene
Concen: 49.63 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

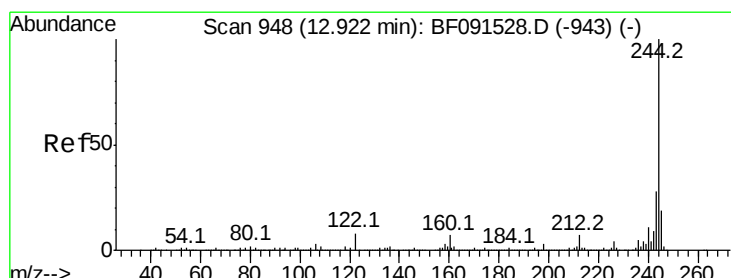
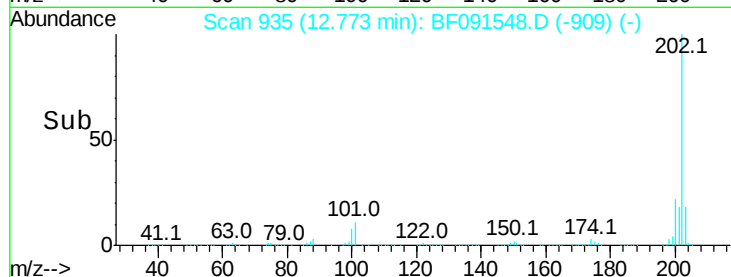
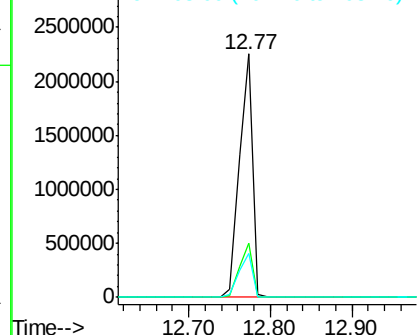
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.2	14.0	21.0

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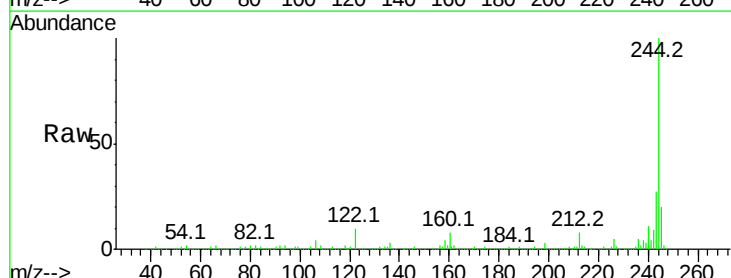


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

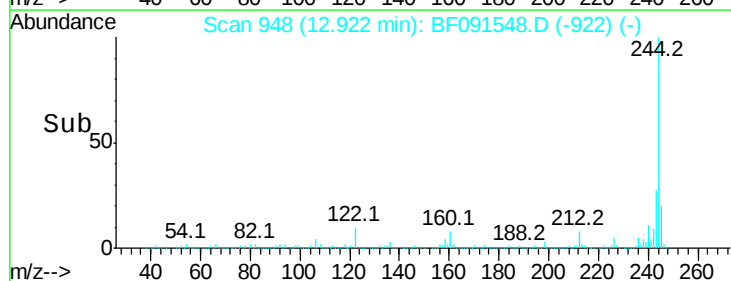
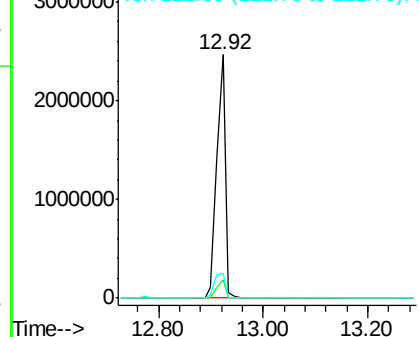


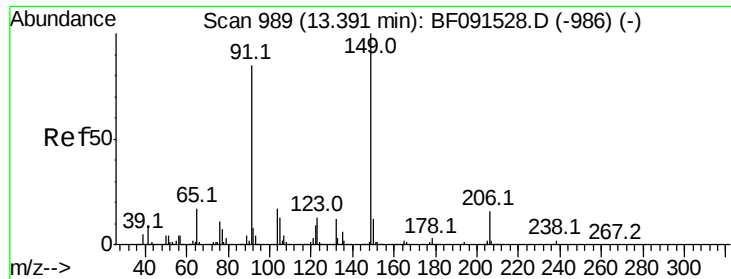
#78
Terphenyl-d14
Concen: 98.79 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.2	9.5	14.3



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





#79

Butylbenzylphthalate

Concen: 53.24 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampled :

PB95236BS

Tot Ion:149 Resp: 1063553

Ion Ratio Lower Upper

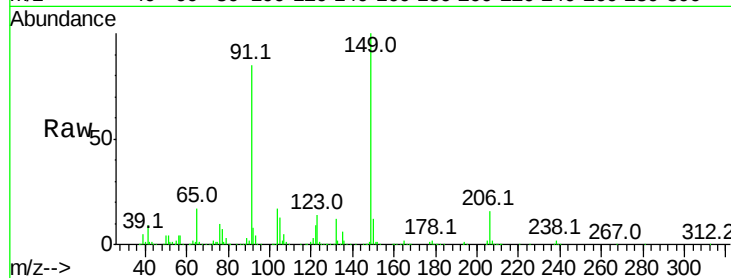
149 100

91 85.0 57.4 86.2

206 16.0 15.4 23.2

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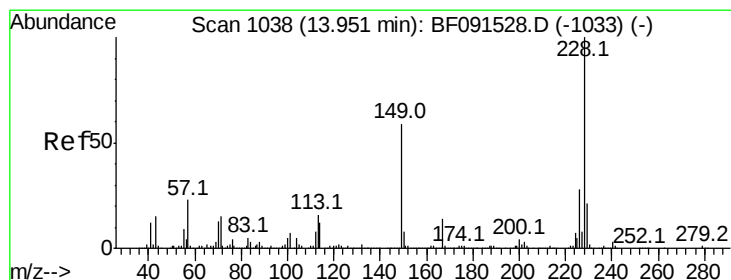
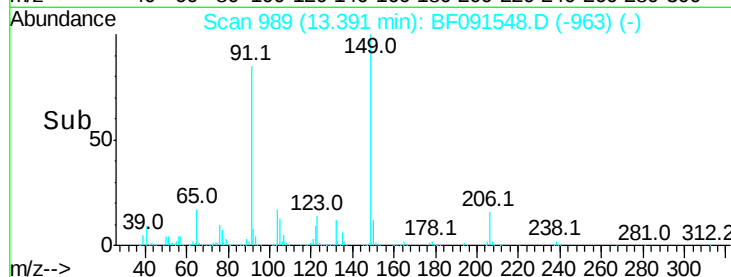
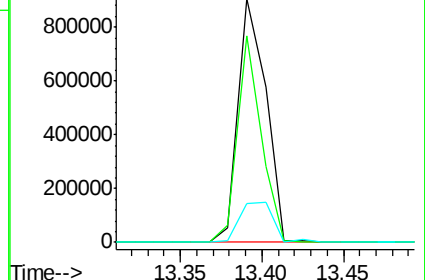
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.39 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

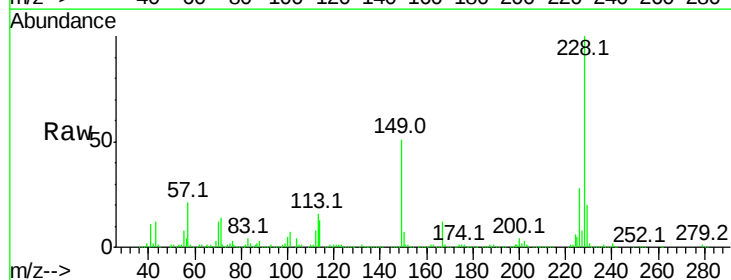
Tgt Ion:228 Resp: 1777604

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

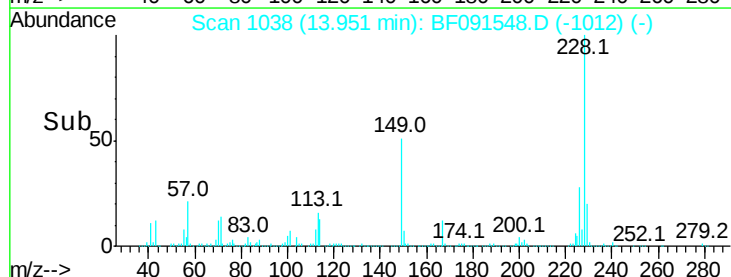
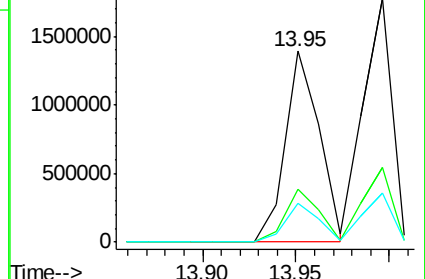
229 20.3 16.4 24.6

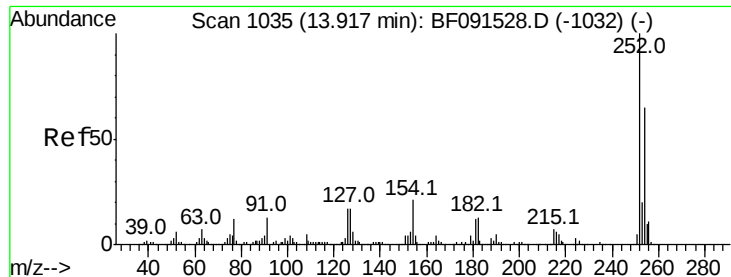


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 20.18 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

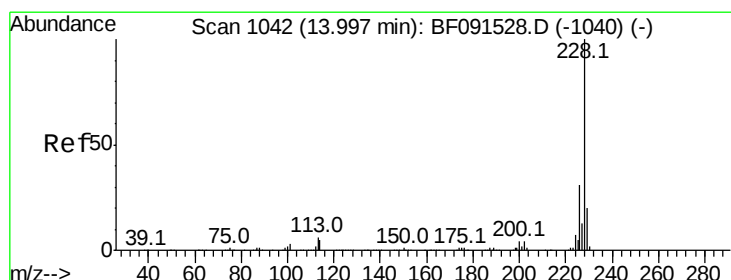
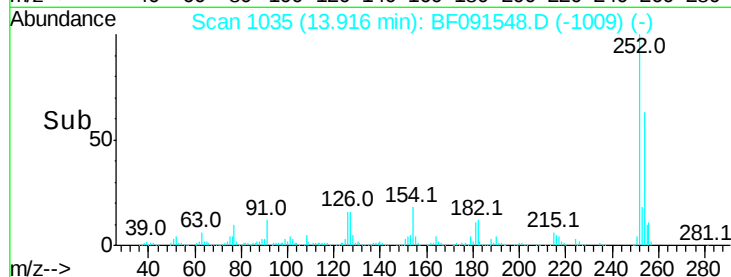
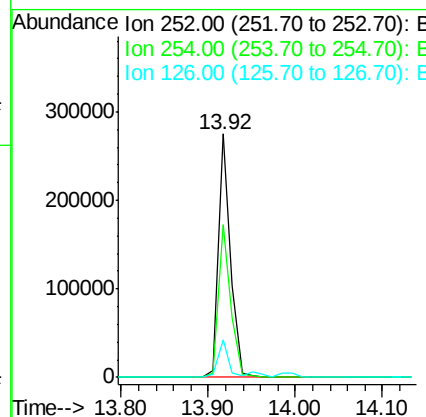
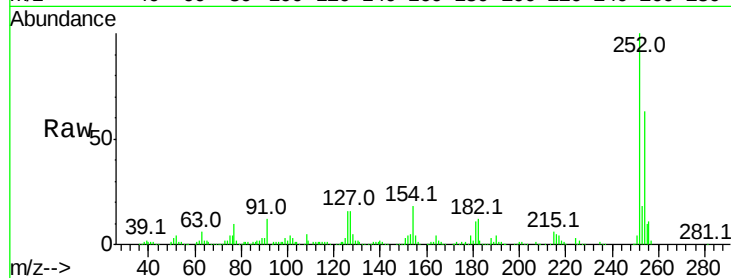
ClientSampleId :

PB95236BS

Tot Ion:	252	Resp:	271879
Ion Ratio	Lower	Upper	
252	100		
254	62.5	52.1	78.1
126	15.6	7.5	11.3#

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#82

Chrysene

Concen: 49.07 ng

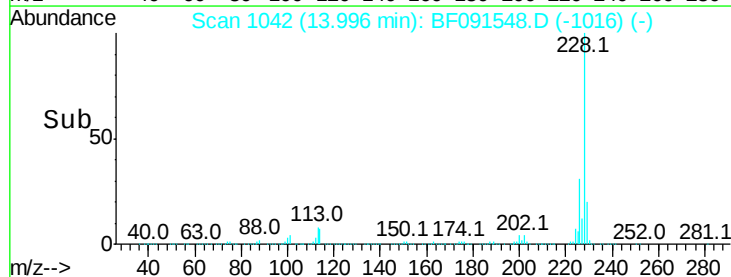
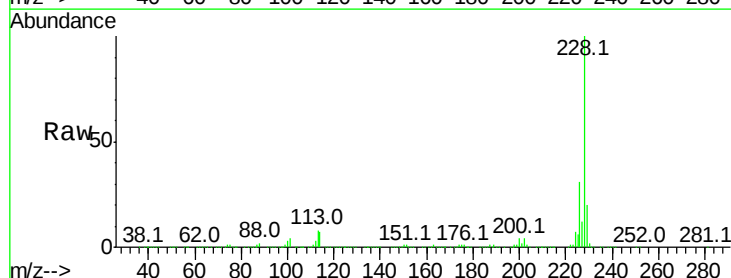
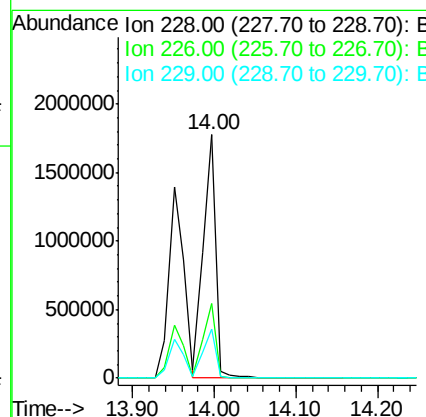
RT: 14.00 min Scan# 1042

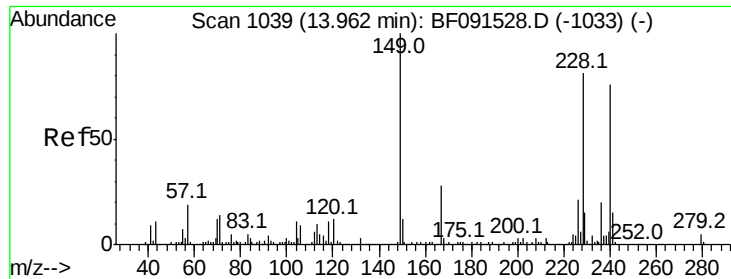
Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Tgt Ion:	228	Resp:	1925733
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.4
229	20.0	16.0	24.0





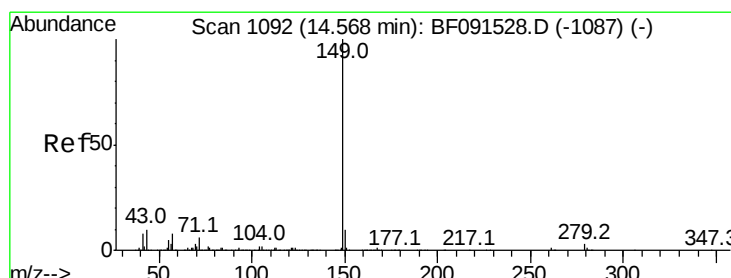
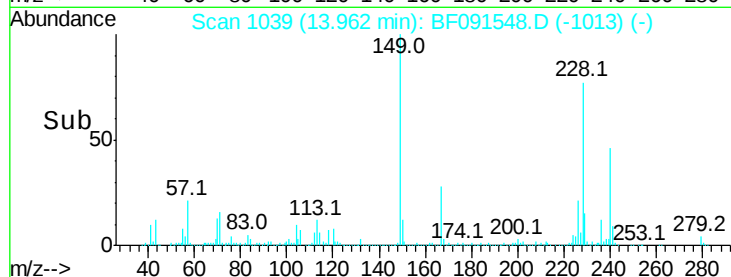
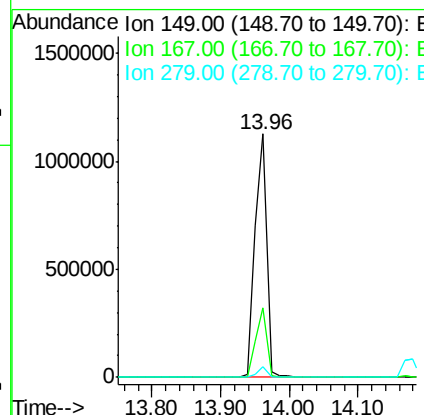
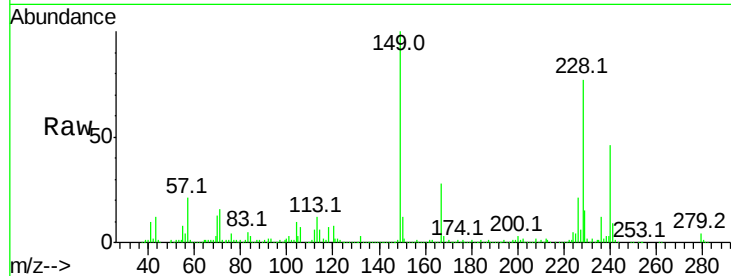
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.88 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tot Ion:149 Resp: 1303929
 Ion Ratio Lower Upper
 149 100
 167 28.5 19.6 29.4
 279 4.5 1.9 2.9#

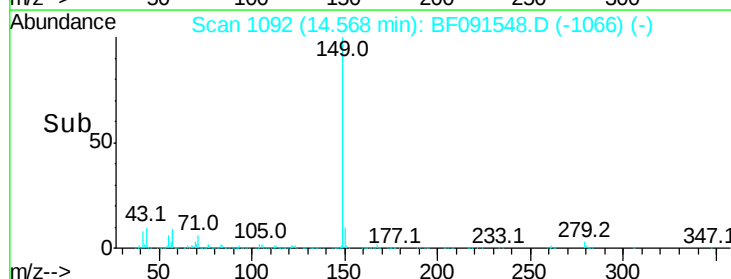
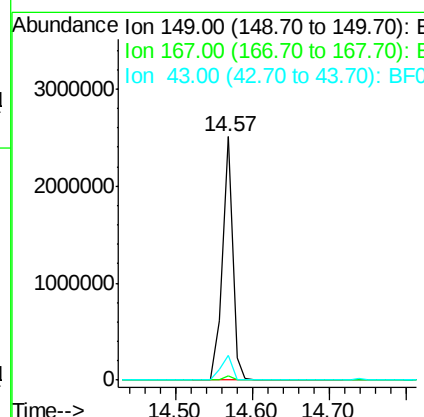
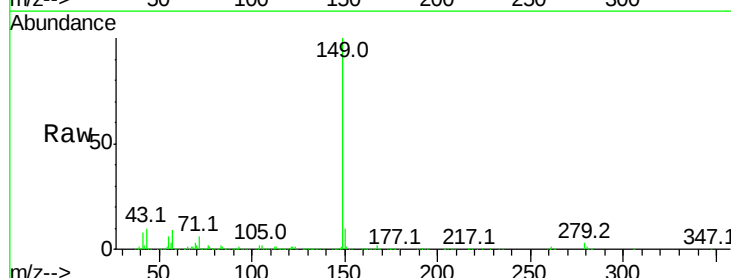
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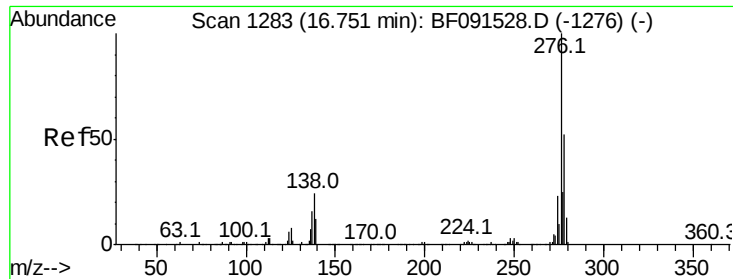
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#84
 Di-n-octyl phthalate
 Concen: 53.66 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Tgt Ion:149 Resp: 2334150
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 11.9 17.9#





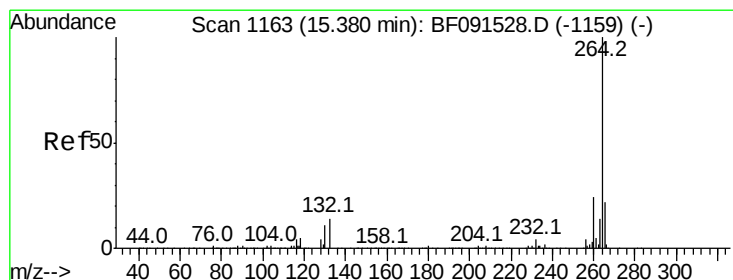
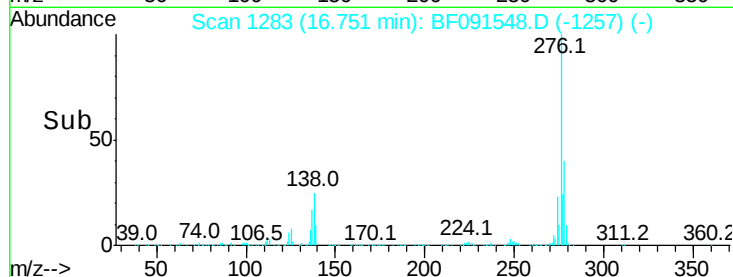
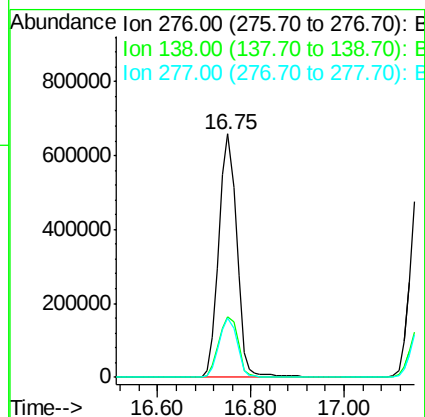
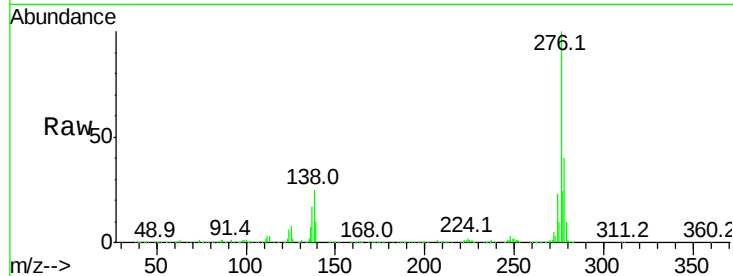
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.18 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.4
277	24.9	20.2	30.2

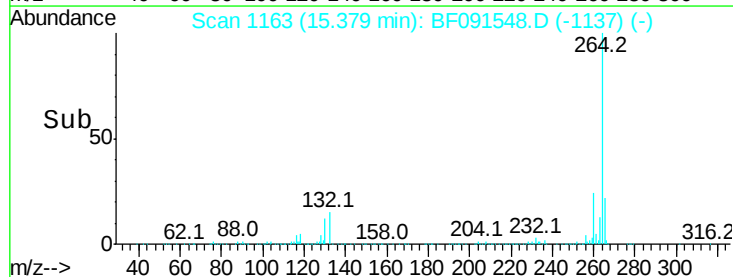
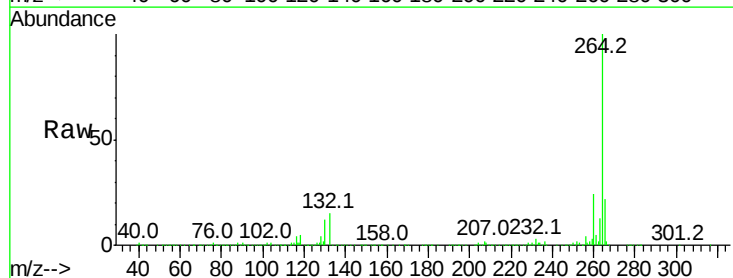
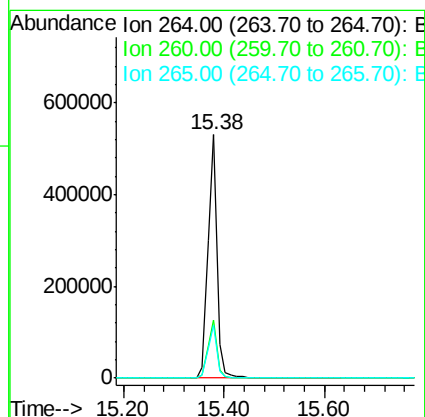
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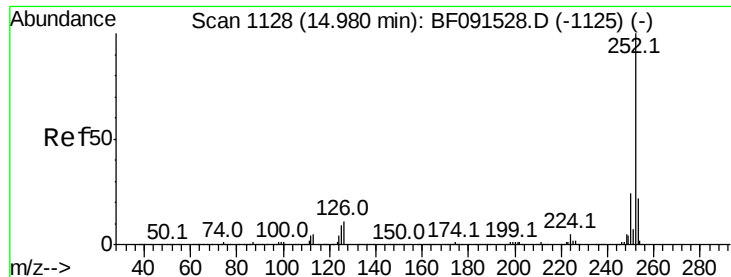
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.9	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 46.63 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

Instrument :

BNA_F

ClientSampleId :

PB95236BS

Tot Ion:252 Resp: 1851607

Ion Ratio Lower Upper

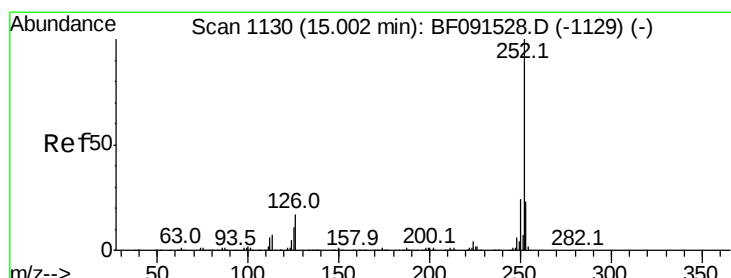
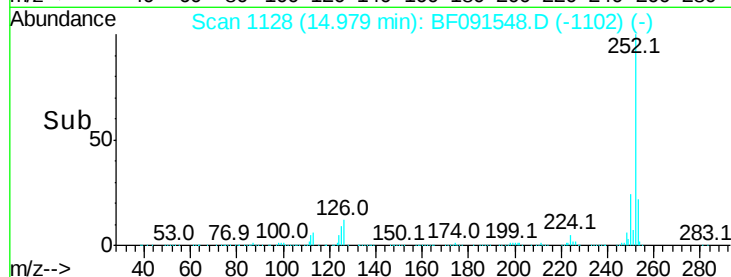
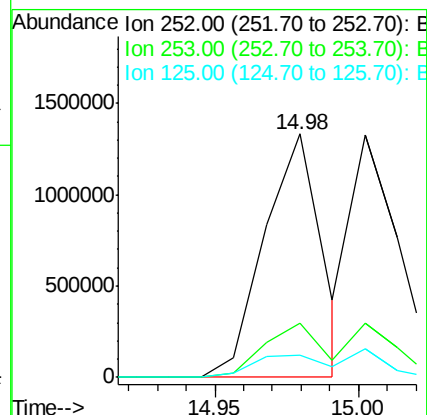
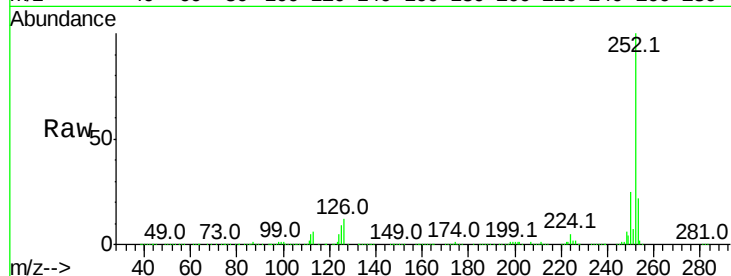
252 100

253 22.2 18.2 27.2

125 9.3 8.6 13.0

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#88

Benzo(k)fluoranthene

Concen: 43.51 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF091548.D

Acq: 13 Dec 2016 12:37

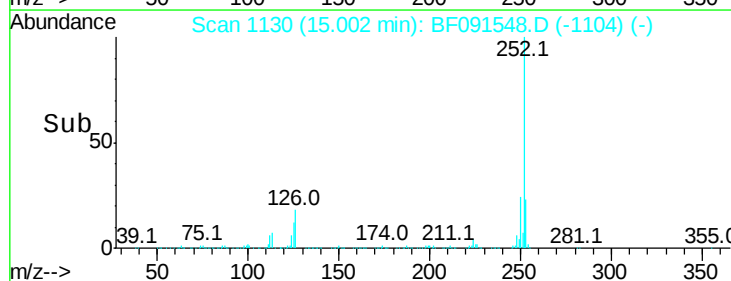
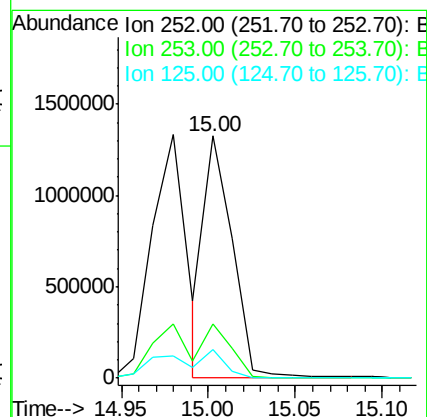
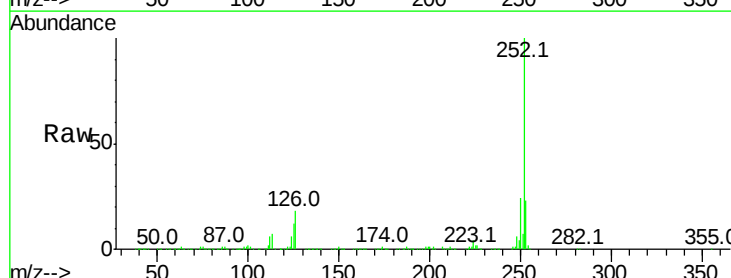
Tgt Ion:252 Resp: 1519193

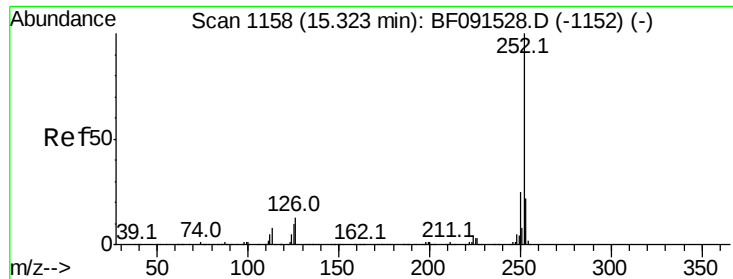
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.8 9.6 14.4





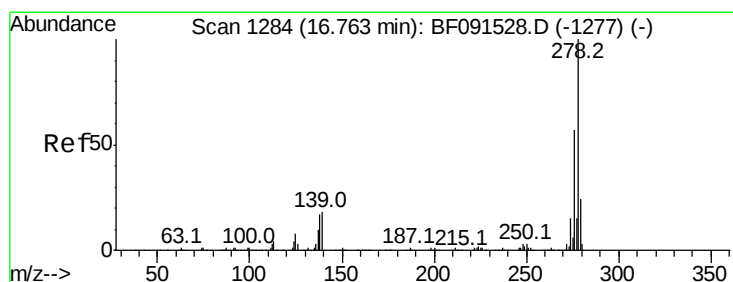
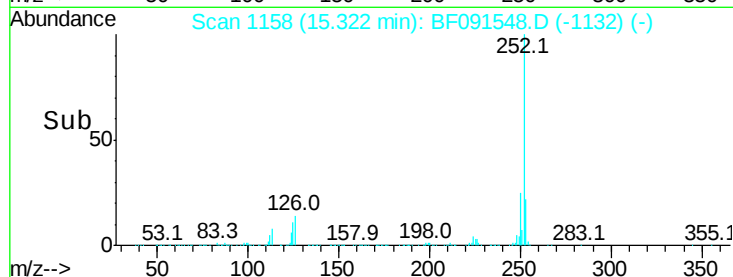
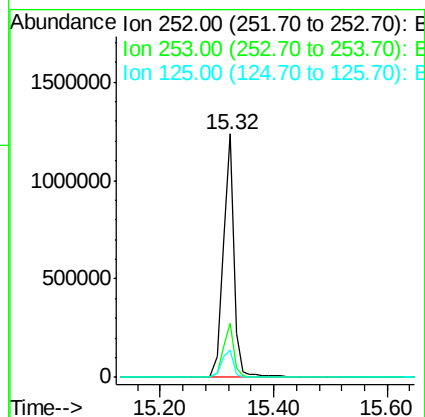
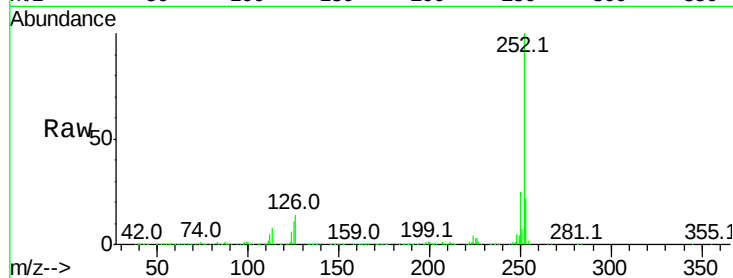
#89
Benzo(a)pyrene
Concen: 45.06 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Instrument :
BNA_F
ClientSampleId :
PB95236BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.0	10.4	15.6

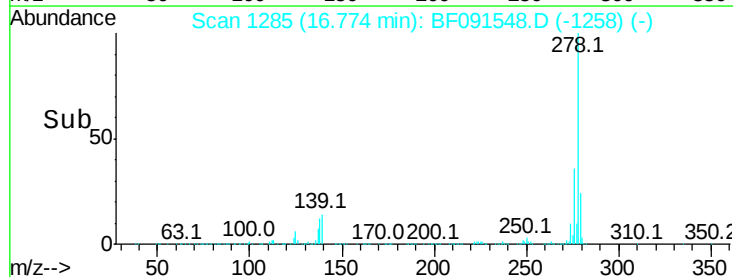
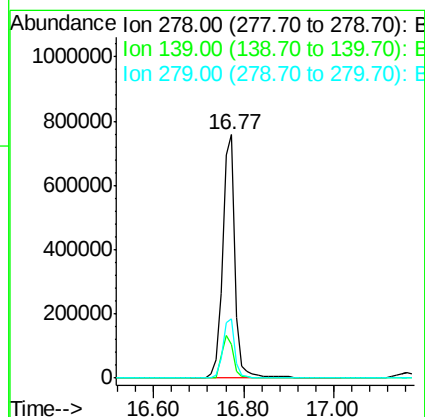
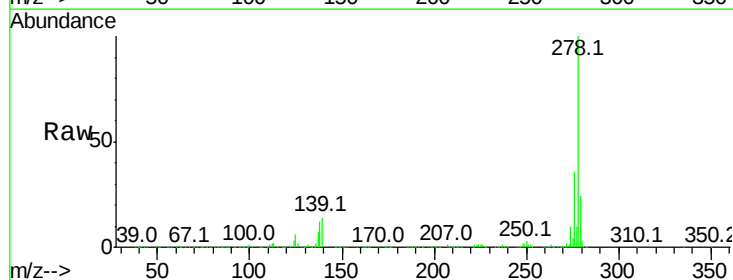
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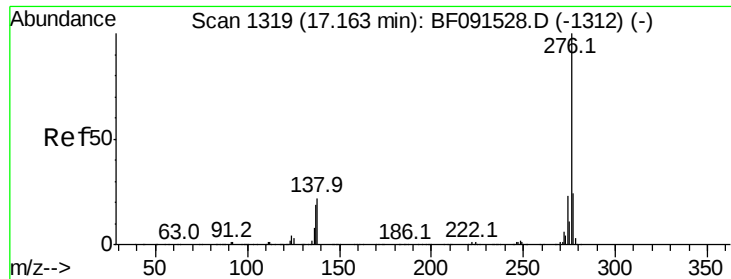
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#90
Dibenzo(a,h)anthracene
Concen: 45.13 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091548.D
Acq: 13 Dec 2016 12:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.1	22.7#
279	24.3	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.44 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF091548.D
 Acq: 13 Dec 2016 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95236BS

Tot Ion: 276 Resp: 1514856
 Ion Ratio Lower Upper
 276 100
 277 24.4 19.0 28.4
 138 23.7 15.4 23.0#

Manual Integrations
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