

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091536.D
 Acq On : 9 Dec 2016 19:25
 Operator : UM/SJ
 Sample : PB95122BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Manual Integrations
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Quant Time: Dec 09 22:24:27 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	452345	40.00	ng	0.00
21) Naphthalene-d8	8.10	136	1778637	40.00	ng	0.00
38) Acenaphthene-d10	9.86	164	965643	40.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1473459	40.00	ng	0.00
75) Chrysene-d12	13.96	240	1025390	40.00	ng	0.00
86) Perylene-d12	15.38	264	1016816	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2043623	152.23	ng	0.01
7) Phenol-d6	6.45	99	2686829	160.54	ng	0.00
23) Nitrobenzene-d5	7.38	82	1712532	107.48	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	632718	157.77	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2893903	103.56	ng	0.00
78) Terphenyl-d14	12.92	244	2556097	113.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	334972	47.28	ng	# 86
3) Pyridine	3.18	79	947525	50.19	ng	# 82
4) n-Nitrosodimethylamine	3.15	42	445308	54.90	ng	# 60
6) Aniline	6.48	93	655171	29.86	ng	# 86
8) 2-Chlorophenol	6.60	128	834945	55.10	ng	95
9) Benzaldehyde	6.35	77	188887	16.40	ng	97
10) Phenol	6.48	94	947312	48.41	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	934608	63.58	ng	85
12) 1,3-Dichlorobenzene	6.75	146	850346	51.75	ng	# 94
13) 1,4-Dichlorobenzene	6.83	146	851692	52.55	ng	97
14) 1,2-Dichlorobenzene	6.99	146	784133m	53.69	ng	
15) Benzyl Alcohol	6.96	79	708914	53.65	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1267590	55.64	ng	82
17) 2-Methylphenol	7.08	107	726814	57.97	ng	# 76
18) Hexachloroethane	7.32	117	336899	53.26	ng	# 80
19) n-Nitroso-di-n-propylamine	7.24	70	614641	58.73	ng	# 70
20) 3+4-Methylphenols	7.23	107	762705	53.81	ng	# 67
22) Acetophenone	7.23	105	1158904	54.39	ng	# 93
24) Nitrobenzene	7.40	77	1012250	60.13	ng	# 83
25) Isophorone	7.64	82	1687349	59.57	ng	99
26) 2-Nitrophenol	7.71	139	439106	59.10	ng	93
27) 2,4-Dimethylphenol	7.76	122	764655	58.59	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	1075763	64.75	ng	97
29) 2,4-Dichlorophenol	7.96	162	696551	61.35	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	709768	55.00	ng	98
31) Naphthalene	8.12	128	2267635	54.80	ng	100
32) Benzoic acid	7.89	122	525695	60.20	ng	91
33) 4-Chloroaniline	8.17	127	197614	11.09	ng	97
34) Hexachlorobutadiene	8.25	225	421489	56.98	ng	97
35) Caprolactam	8.54	113	223744m	67.48	ng	
36) 4-Chloro-3-methylphenol	8.66	107	722202	56.71	ng	99
37) 2-Methylnaphthalene	8.82	142	1550824	57.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	589273	44.50	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	710762	120.39	ng	99

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 ClientSampled :
 PB95122BS

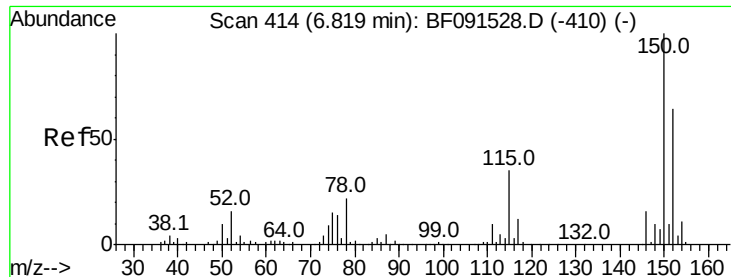
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	471355	55.40	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	453145	51.82	nq	92
45) 1,1'-Biphenyl	9.28	154	1720453	49.20	nq	98
46) 2-Chloronaphthalene	9.30	162	1330944	49.15	nq	98
47) 2-Nitroaniline	9.40	65	489129	53.71	nq	86
48) Acenaphthylene	9.71	152	2138643	51.81	nq	99
49) Dimethylphthalate	9.58	163	1619165	52.96	nq	99
50) 2,6-Dinitrotoluene	9.64	165	376237	56.07	nq	# 88
51) Acenaphthene	9.89	154	1598295	55.74	nq	97
52) 3-Nitroaniline	9.80	138	177571	22.53	nq	89
53) 2,4-Dinitrophenol	9.92	184	381499	112.04	nq	92
54) Dibenzofuran	10.06	168	1998579	56.34	nq	93
55) 4-Nitrophenol	9.98	139	662594	112.99	nq	# 54
56) 2,4-Dinitrotoluene	10.04	165	427290	50.80	nq	# 56
57) Fluorene	10.40	166	1308363	46.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	385057	56.25	nq	92
59) Diethylphthalate	10.28	149	1563760	53.12	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	680263	53.33	nq	# 89
61) 4-Nitroaniline	10.42	138	372089	47.50	nq	87
62) Azobenzene	10.56	77	1944384	58.29	nq	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	259848	60.40	nq	# 44
65) n-Nitrosodiphenylamine	10.51	169	1233824	56.18	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	441275	58.42	nq	# 79
67) Hexachlorobenzene	10.94	284	414117	52.73	nq	# 74
68) Atrazine	11.05	200	460613	65.22	nq	96
69) Pentachlorophenol	11.14	266	470869	106.53	nq	96
70) Phenanthrene	11.36	178	1965715	53.88	nq	99
71) Anthracene	11.41	178	2317921	58.90	nq	100
72) Carbazole	11.56	167	1795260	52.05	nq	99
73) Di-n-butylphthalate	11.90	149	2478000	61.66	nq	100
74) Fluoranthene	12.54	202	2270867	59.45	nq	99
76) Benzidine	12.66	184	573154	36.16	nq	98
77) Pyrene	12.77	202	2227797	54.77	nq	99
79) Butylbenzylphthalate	13.39	149	916630	57.81	nq	# 84
80) Benzo(a)anthracene	13.95	228	1598490	53.69	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	263381	24.63	nq	# 96
82) Chrysene	14.00	228	1731814	55.59	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1156569	56.85	nq	# 92
84) Di-n-octyl phthalate	14.57	149	2154373	62.39	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1551069	55.33	nq	99
87) Benzo(b)fluoranthene	14.98	252	1726306m	56.96	nq	
88) Benzo(k)fluoranthene	15.00	252	1276583m	47.90	nq	
89) Benzo(a)pyrene	15.32	252	1477356	54.11	nq	# 97
90) Dibenzo(a,h)anthracene	16.76	278	1264727	51.71	nq	98
91) Benzo(g,h,i)perylene	17.16	276	1304768	52.42	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091536.D

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Instrument :

BNA_F

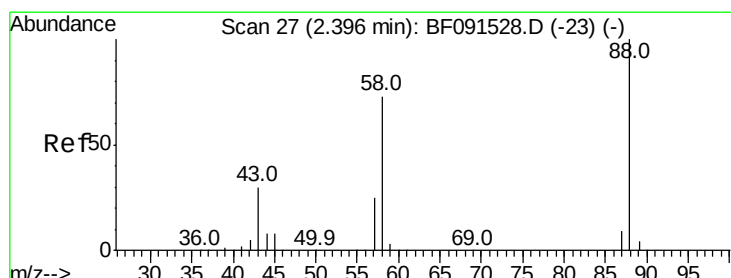
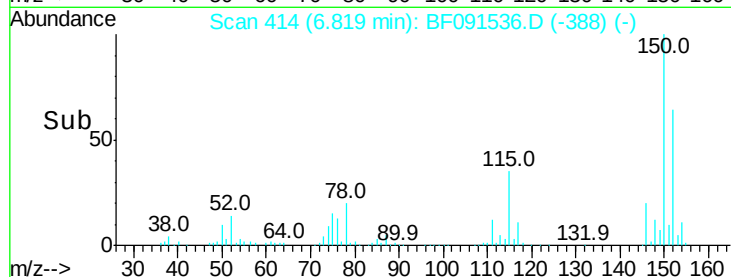
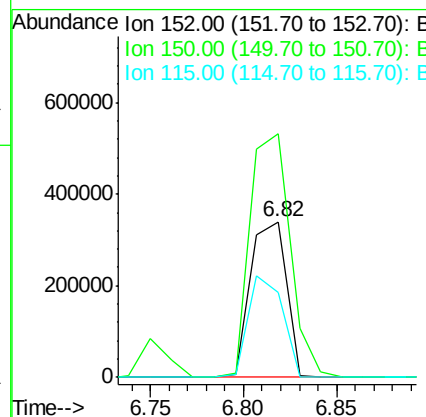
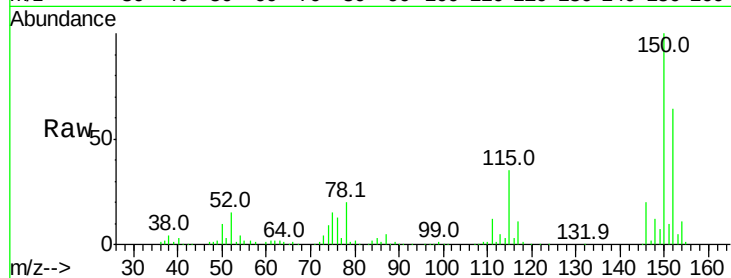
ClientSampleId :

PB95122BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.5	183.7
115	54.2	51.8	77.8

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#2

1,4-Dioxane

Concen: 47.28 ng

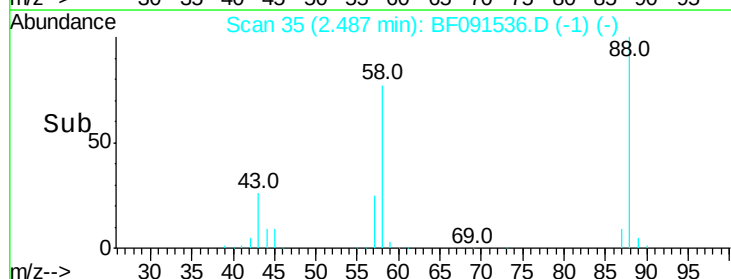
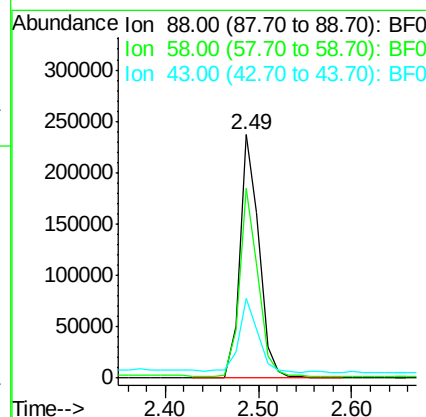
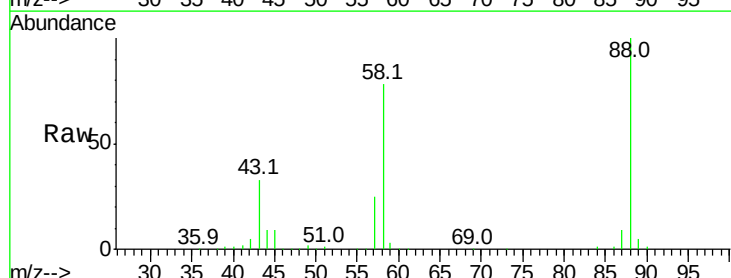
RT: 2.49 min Scan# 35

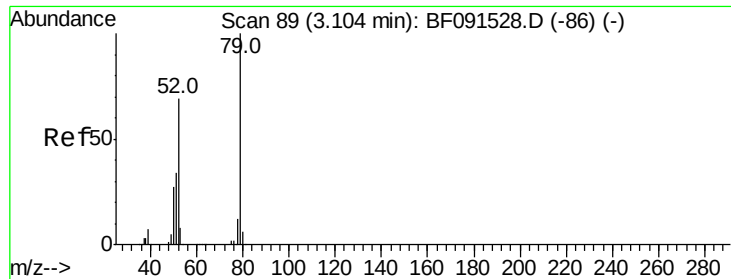
Delta R.T. 0.09 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	70.3	105.5
43	30.7	31.3	46.9#





#3

Pvridine

Concen: 50.19 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

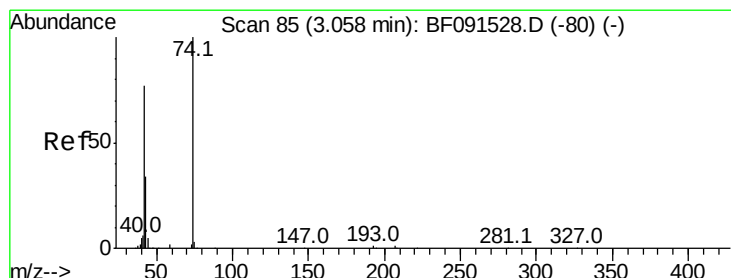
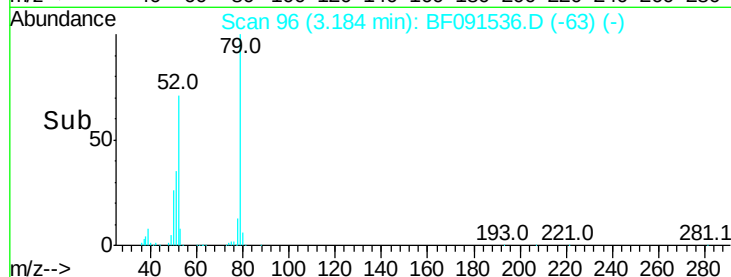
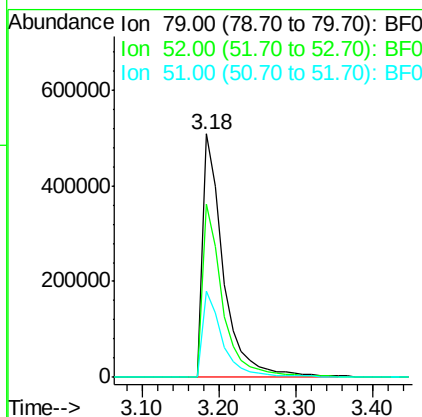
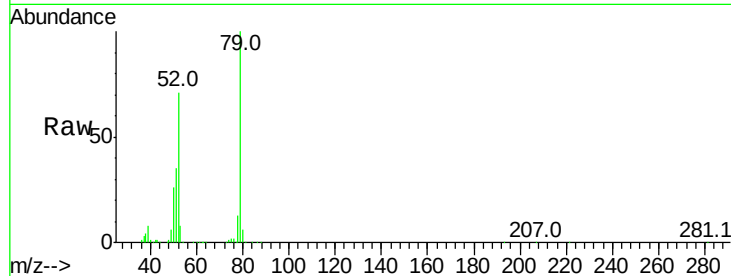
ClientSampleId :

PB95122BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.2	71.0	106.4
51	35.4	37.0	55.4#

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#4

n-Nitrosodimethylamine

Concen: 54.90 ng

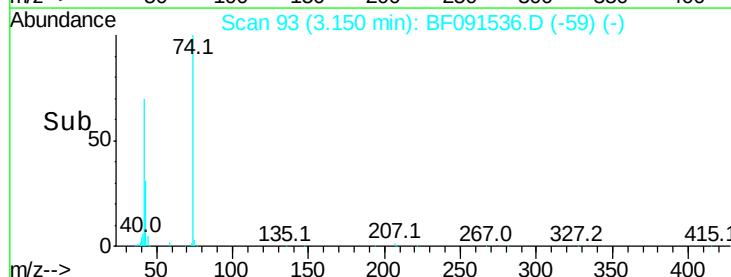
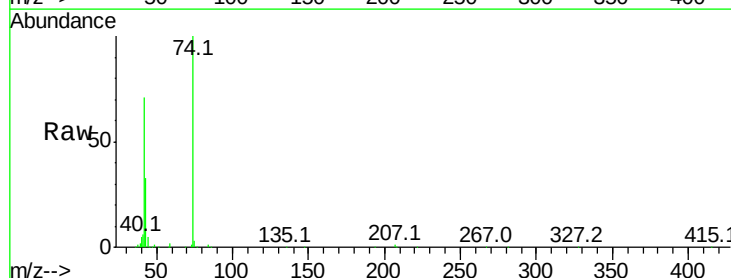
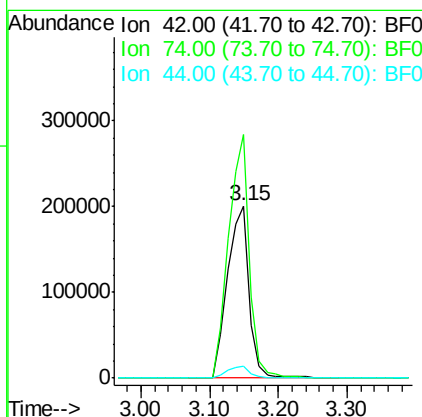
RT: 3.15 min Scan# 93

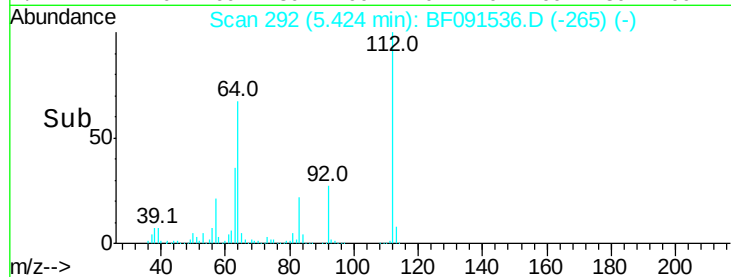
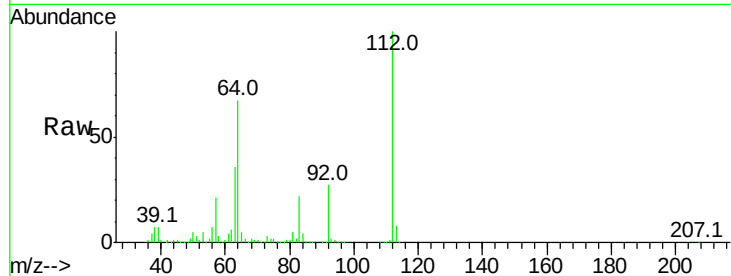
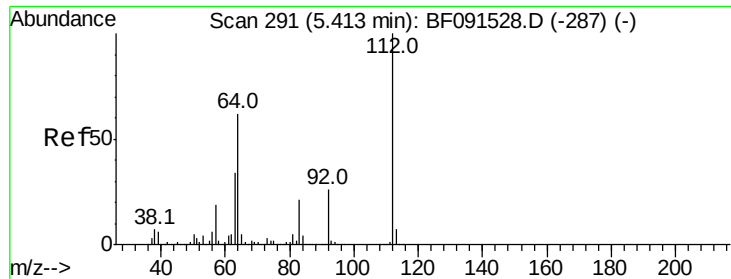
Delta R.T. 0.09 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.6	78.9	118.3#
44	7.3	5.8	8.6





#5

2-Fluorophenol

Concen: 152.23 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tot Ion:	112	Resp:	2043623
Ion	Ratio	Lower	Upper
112	100		
64	67.0	61.5	92.3
63	35.8	33.3	49.9

Instrument :

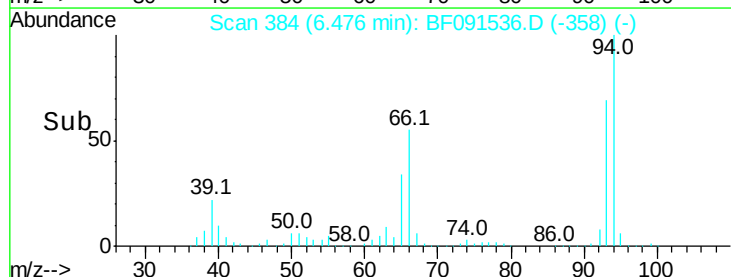
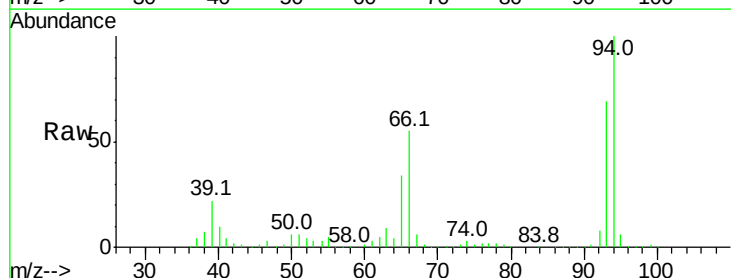
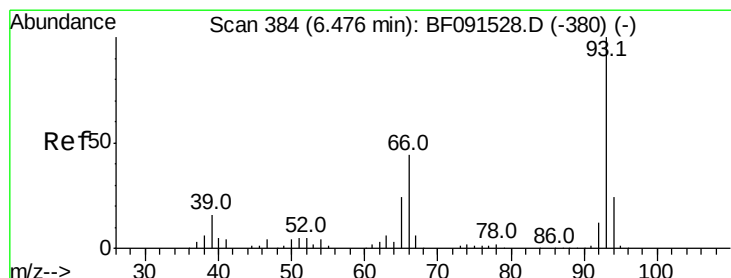
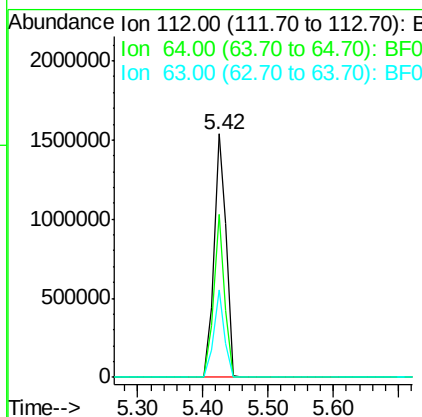
BNA_F

ClientSampleId :

PB95122BS

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#6

Aniline

Concen: 29.86 ng

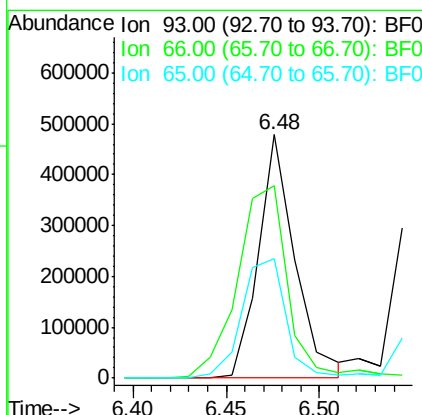
RT: 6.48 min Scan# 384

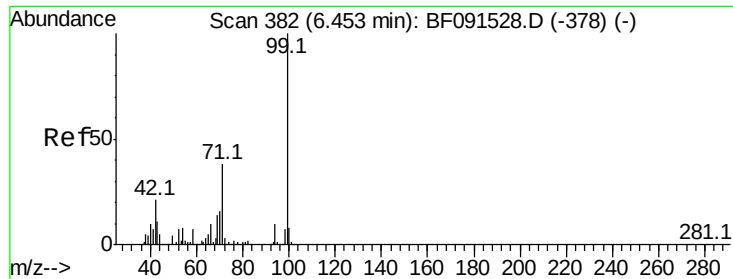
Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	93	Resp:	655171
Ion	Ratio	Lower	Upper
93	100		
66	79.0	55.8	83.6
65	49.1	29.9	44.9#





#7

Phenol-d6

Concen: 160.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion: 99 Resp: 2686829

Ion Ratio Lower Upper

99 100

42 21.0 20.6 31.0

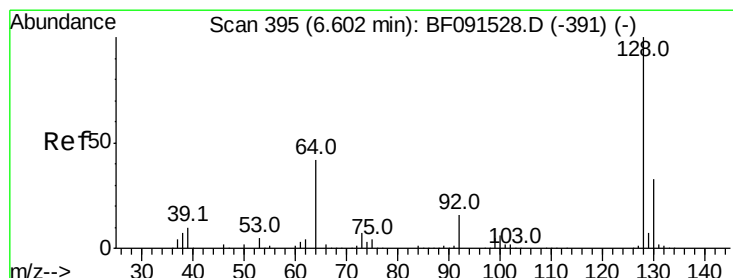
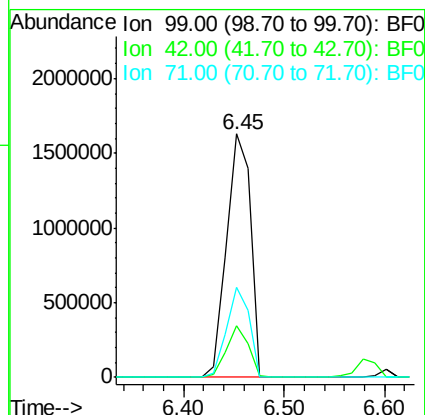
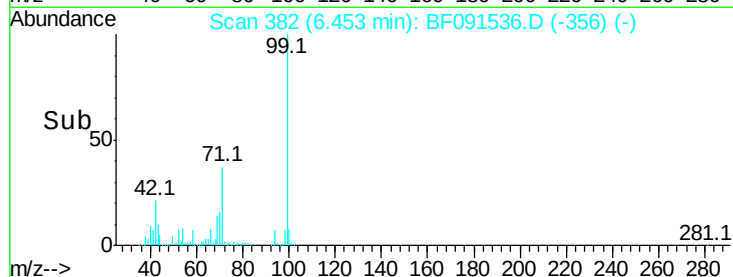
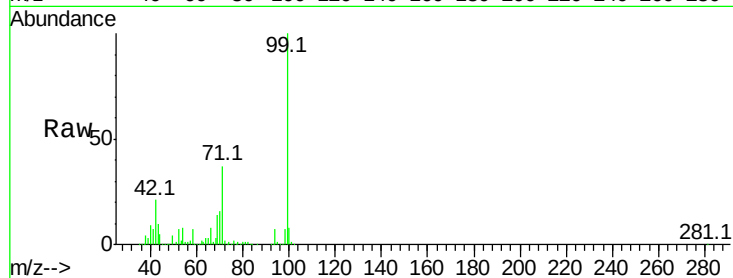
71 37.0 29.9 44.9

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#8

2-Chlorophenol

Concen: 55.10 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

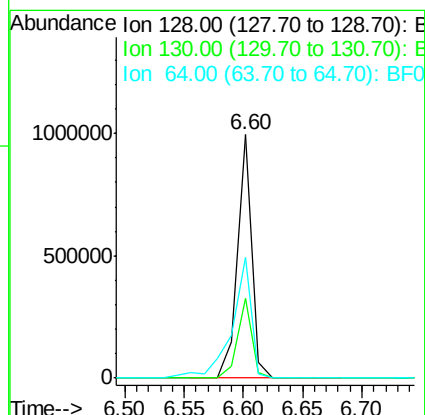
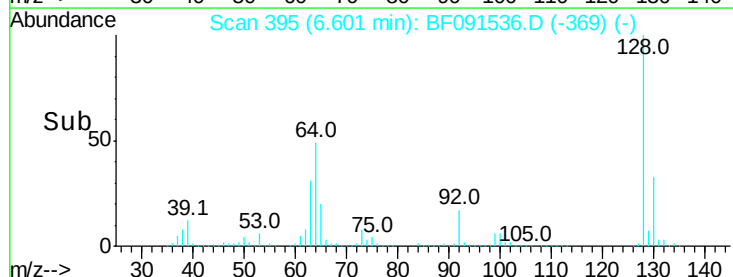
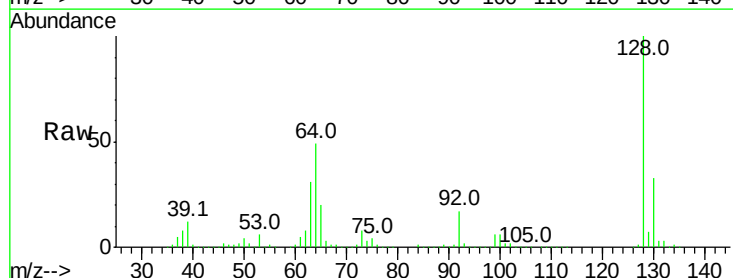
Tgt Ion: 128 Resp: 834945

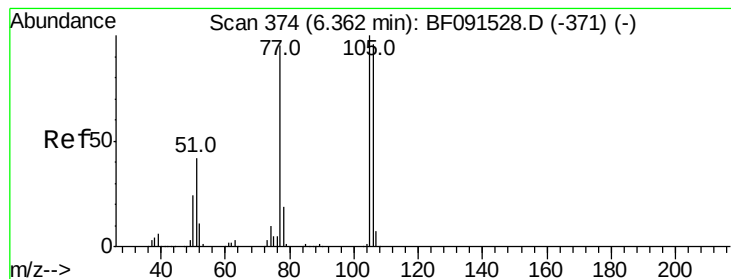
Ion Ratio Lower Upper

128 100

130 32.8 13.1 53.1

64 49.4 24.1 64.1





#9

Benzaldehyde

Concen: 16.40 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

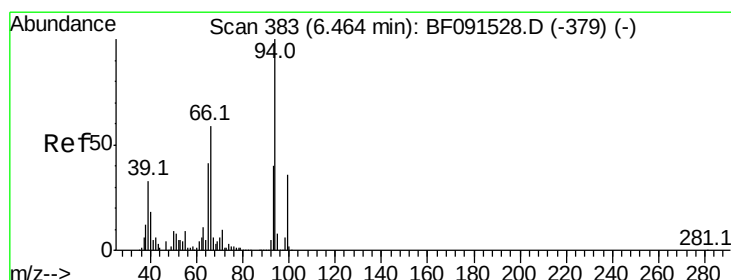
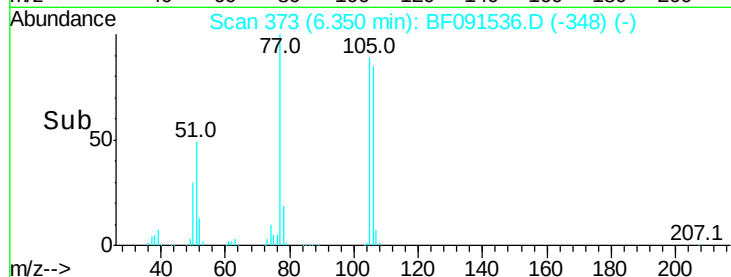
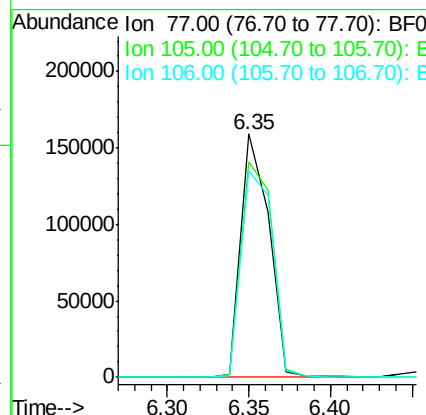
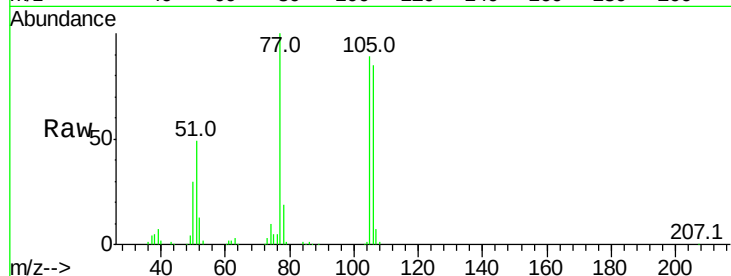
ClientSampleId :

PB95122BS

Tot Ion:	77	Resp:	188887
Ion Ratio	Lower	Upper	
77	100		
105	88.5	66.4	106.4
106	85.0	60.9	100.9

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#10

Phenol

Concen: 48.41 ng

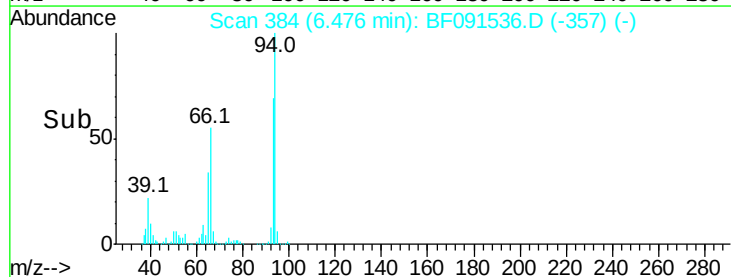
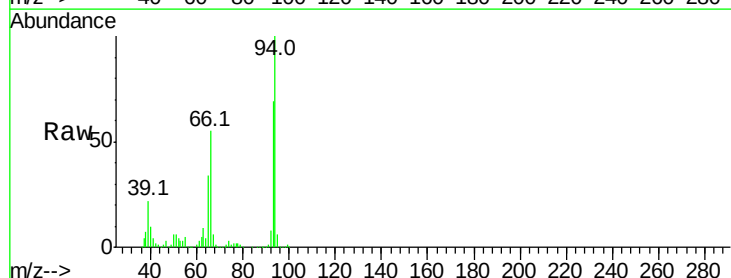
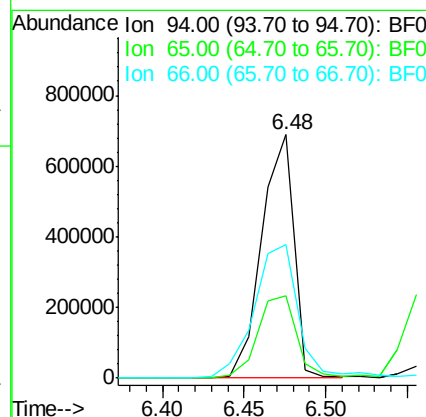
RT: 6.48 min Scan# 384

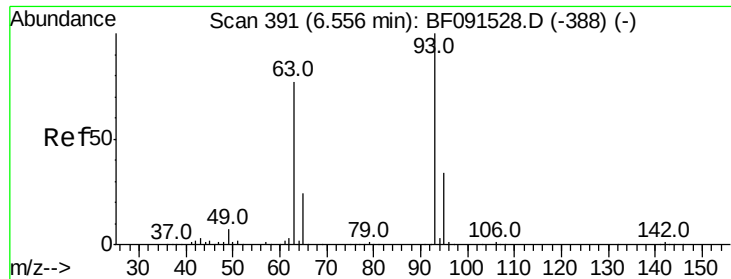
Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	94	Resp:	947312
Ion Ratio	Lower	Upper	
94	100		
65	34.1	16.9	56.9
66	54.9	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 63.58 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

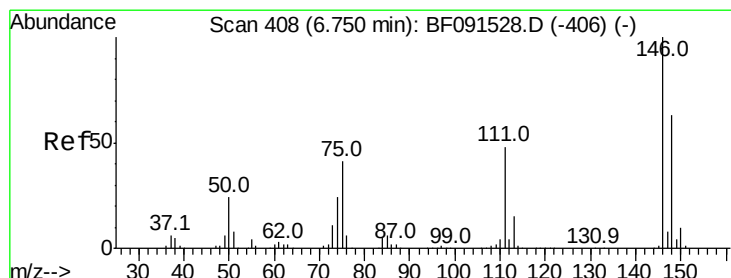
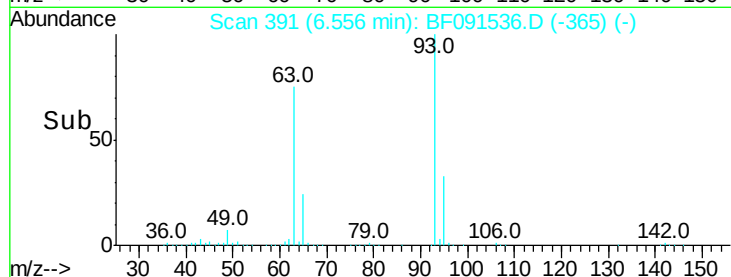
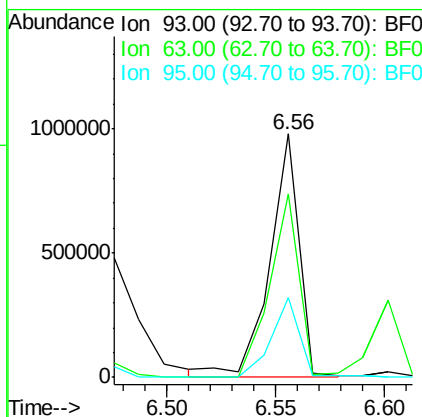
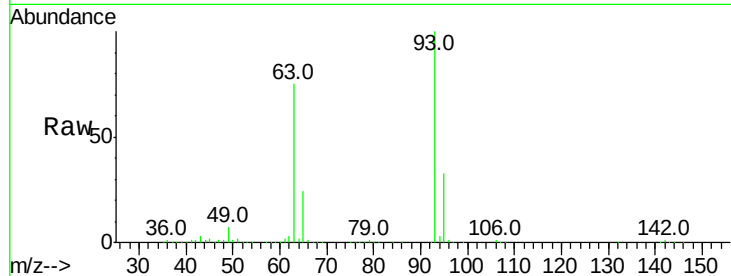
ClientSampleId :

PB95122BS

Tot Ion:	93	Resp:	934608
Ion Ratio	Lower	Upper	
93	100		
63	75.4	74.8	114.8
95	32.8	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 51.75 ng

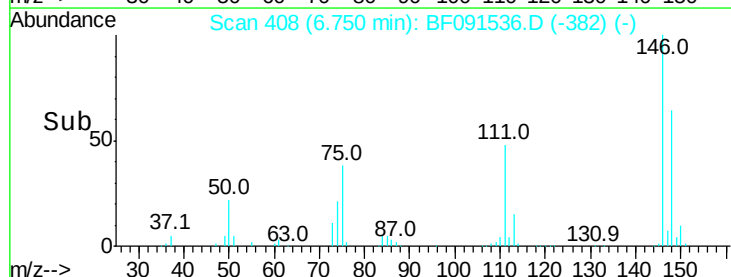
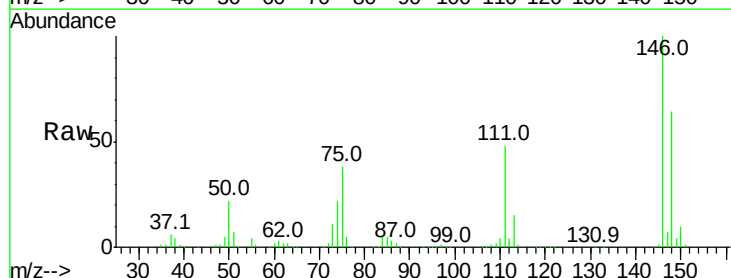
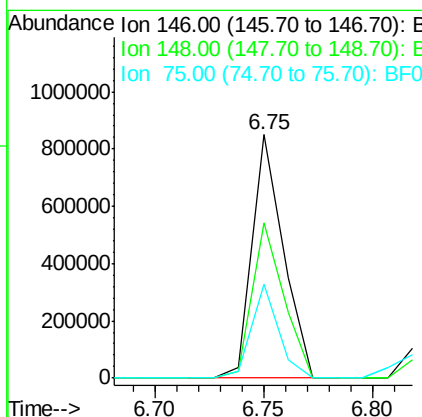
RT: 6.75 min Scan# 408

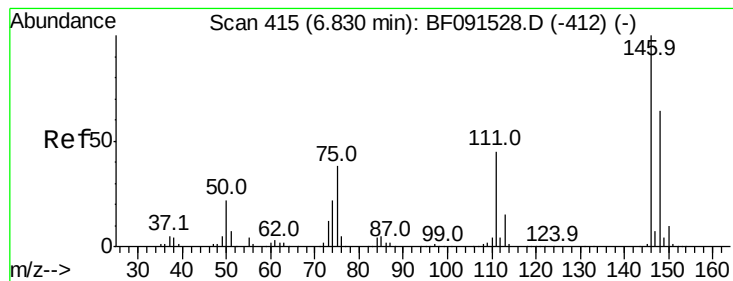
Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	146	Resp:	850346
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.4	77.0
75	38.4	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 52.55 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

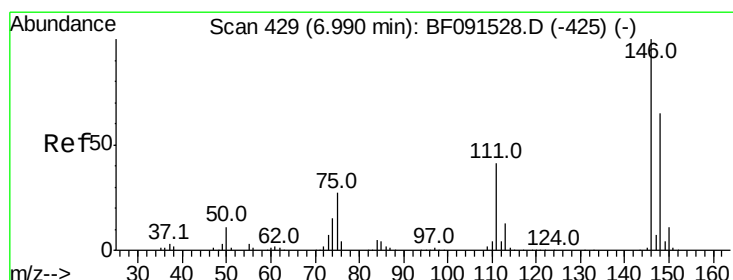
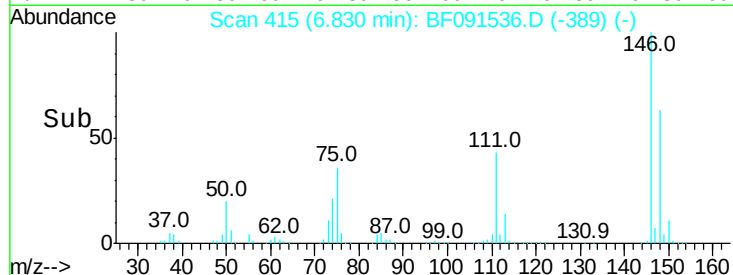
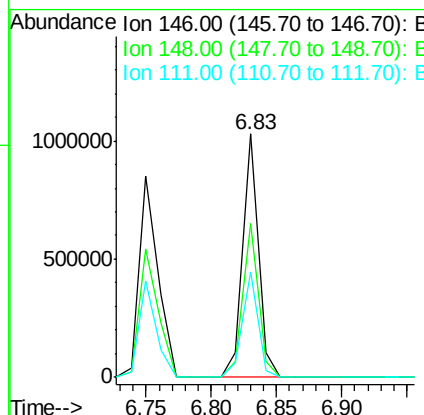
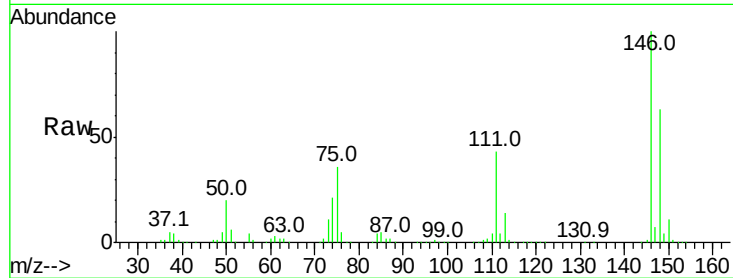
ClientSampled :

PB95122BS

Tot Ion:	146	Resp:	851692
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.0
111	43.3	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 53.69 ng m

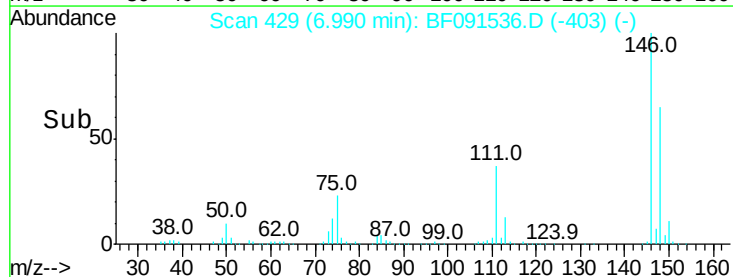
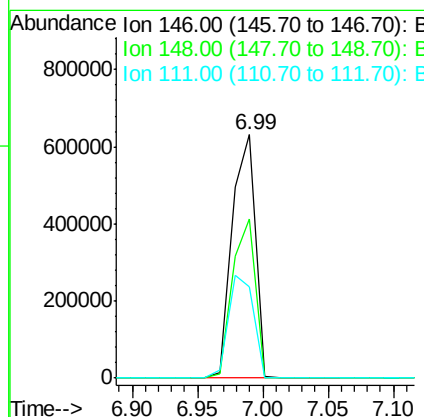
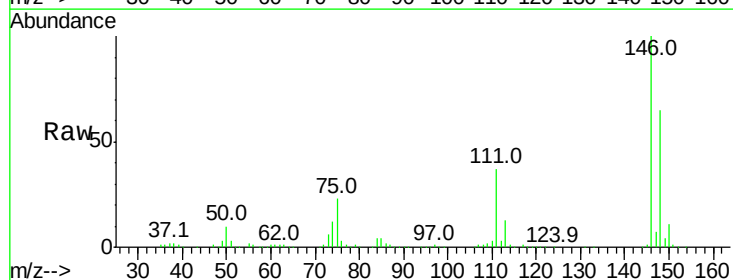
RT: 6.99 min Scan# 429

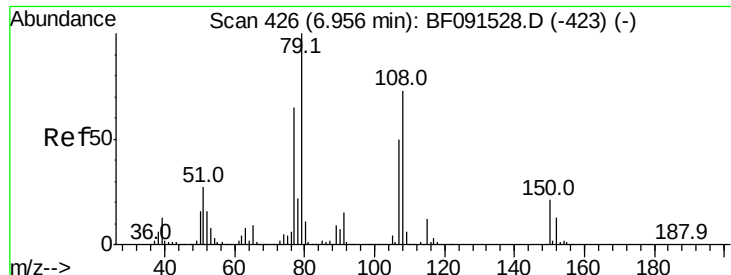
Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	146	Resp:	784133
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.6
111	37.4	38.9	58.3#





#15

Benzyl Alcohol

Concen: 53.65 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

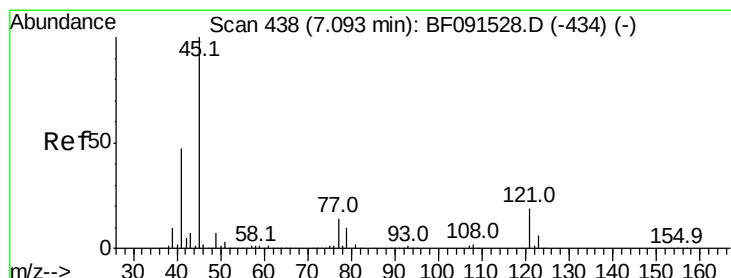
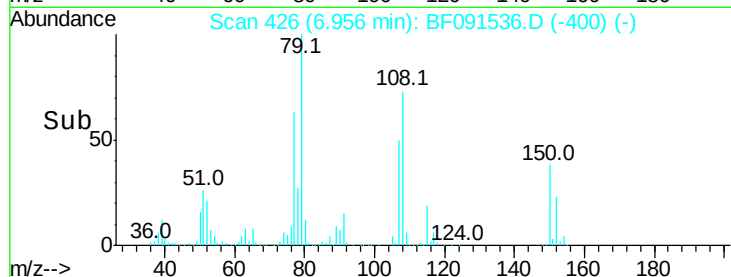
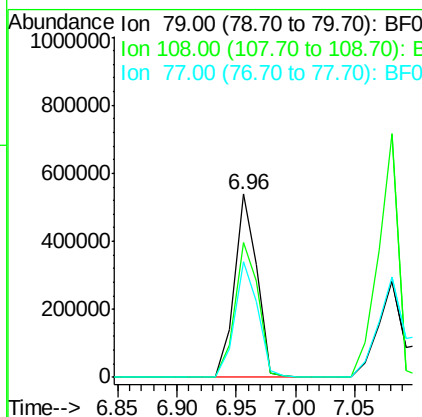
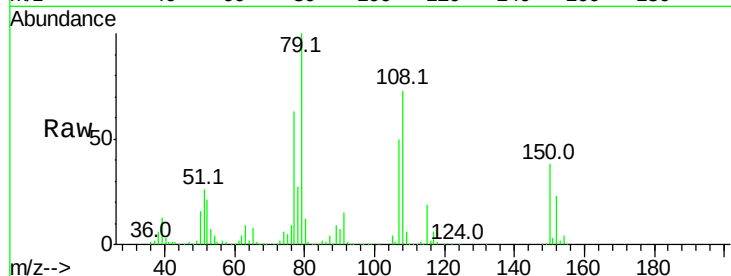
ClientSampleID :

PB95122BS

Tot Ion:	79	Resp:	708914
Ion Ratio	Lower	Upper	
79	100		
108	73.3	62.7	94.1
77	63.2	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.64 ng

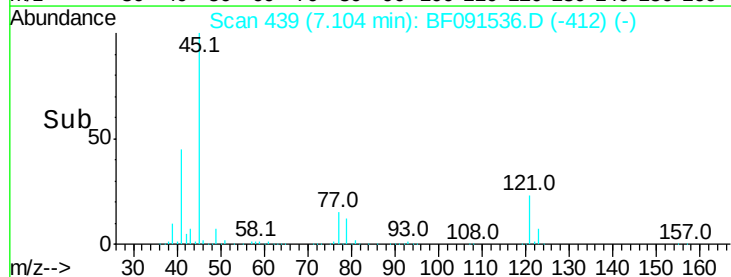
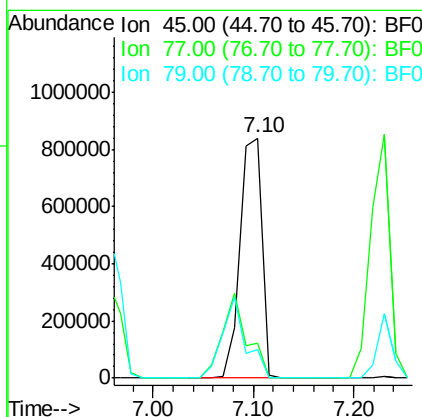
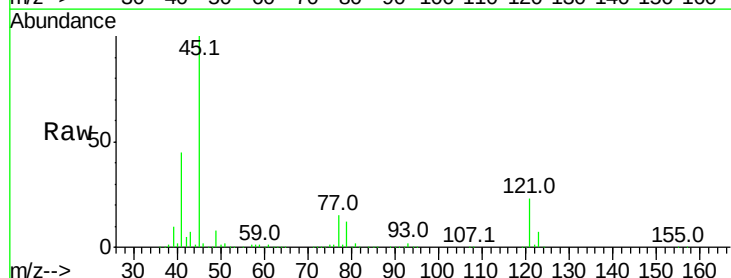
RT: 7.10 min Scan# 439

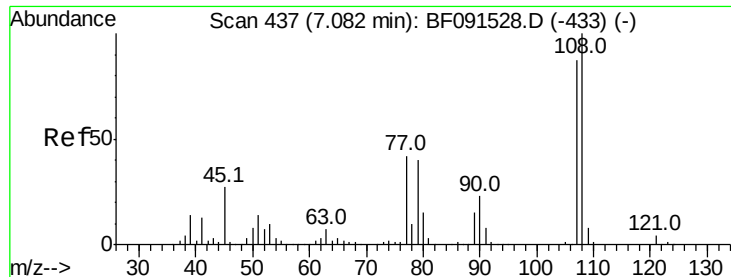
Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	45	Resp:	1267590
Ion Ratio	Lower	Upper	
45	100		
77	14.7	3.8	43.8
79	11.8	0.2	40.2





#17

2-Methylphenol

Concen: 57.97 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampled :

PB95122BS

Tot Ion:107 Resp: 726814
Ion Ratio Lower Upper

107 100

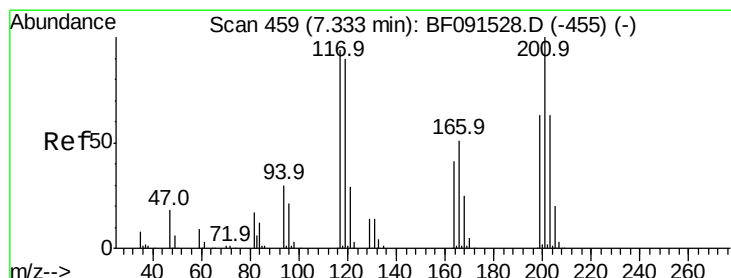
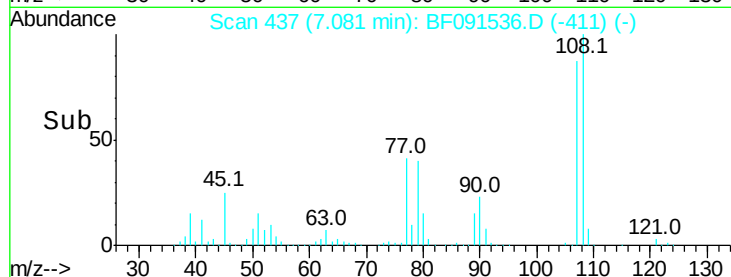
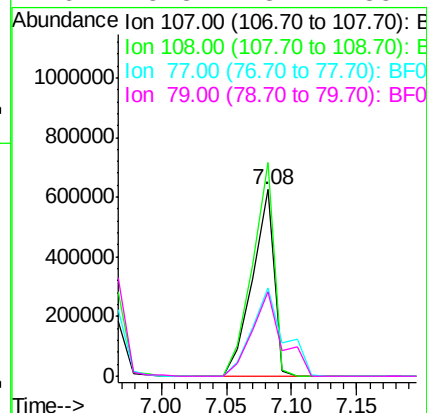
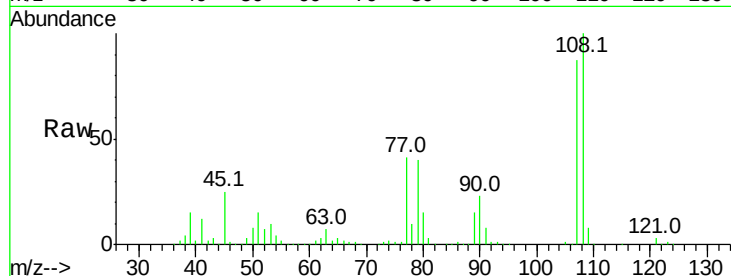
108 114.7 67.7 101.5#

77 47.5 40.7 61.1

79 45.3 23.4 35.2#

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#18

Hexachloroethane

Concen: 53.26 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF091536.D

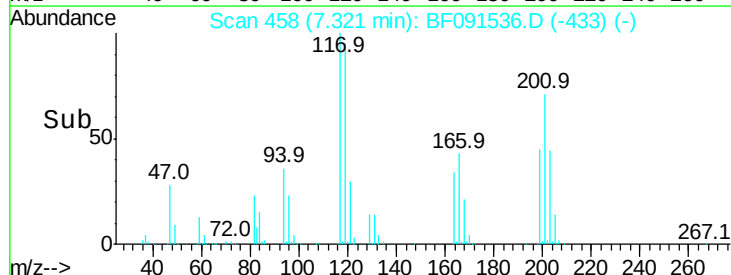
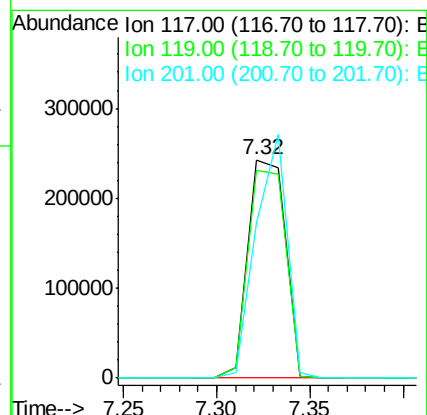
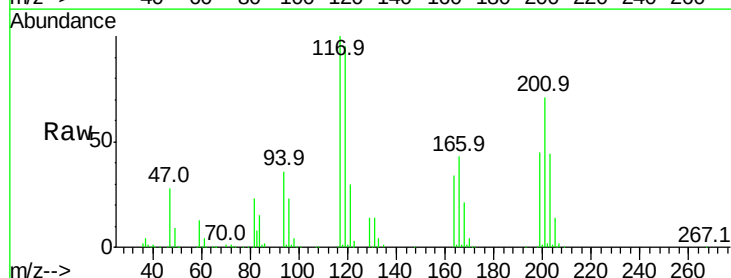
Acq: 9 Dec 2016 19:25

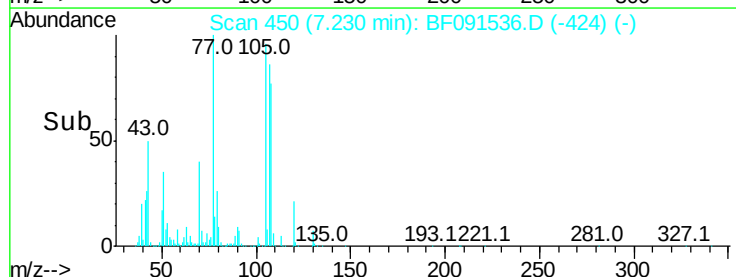
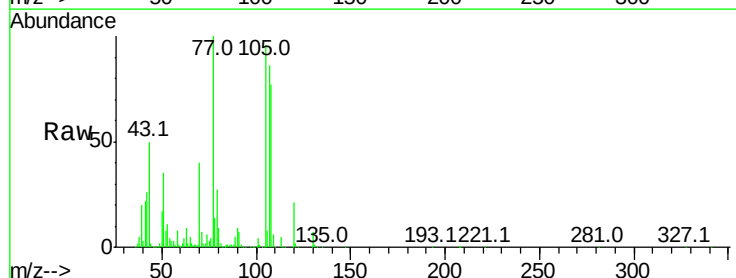
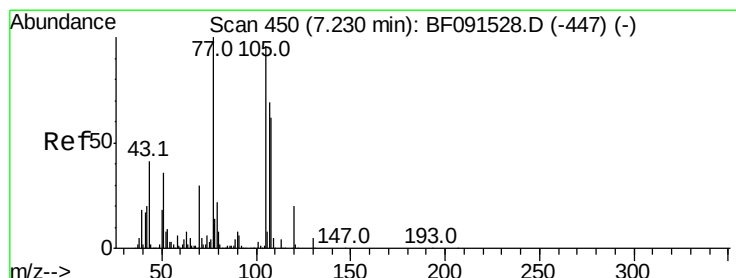
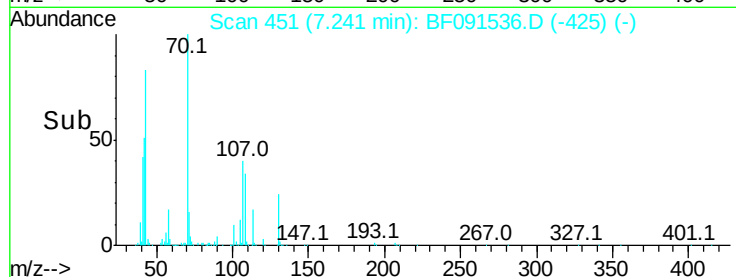
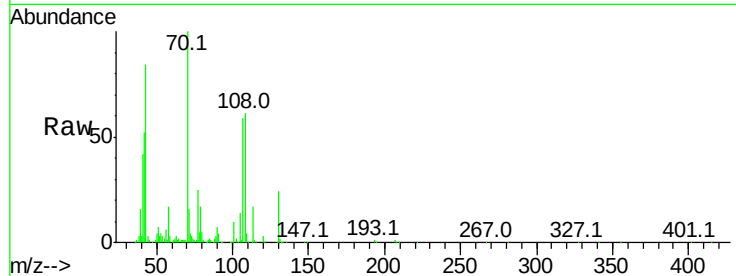
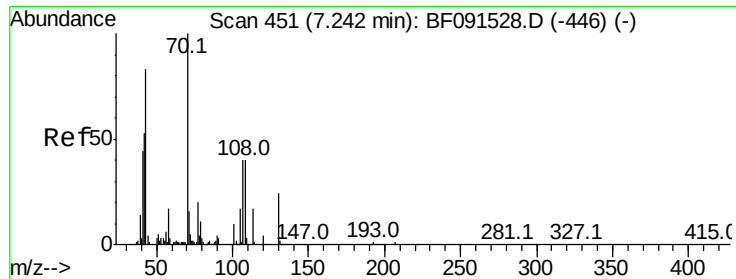
Tgt Ion:117 Resp: 336899
Ion Ratio Lower Upper

117 100

119 94.9 78.6 118.0

201 70.8 86.7 130.1#





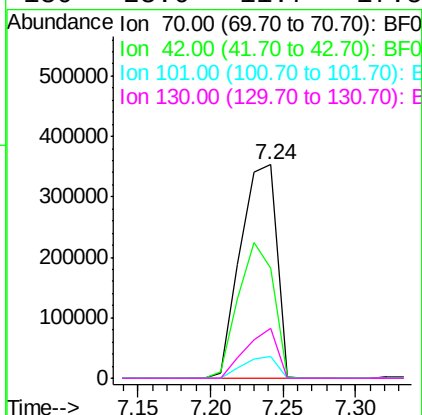
#19
n-Nitroso-di-n-propylamine
Concen: 58.73 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.5	64.8	97.2#	
101	10.3	6.2	9.4#	
130	23.6	11.7	17.5#	

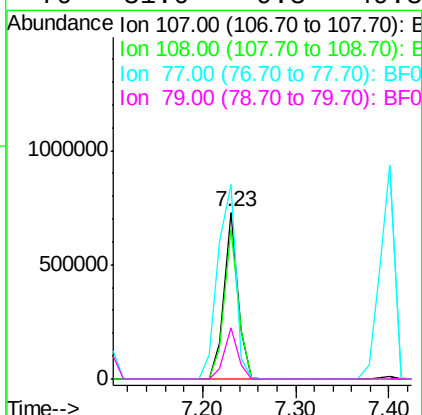
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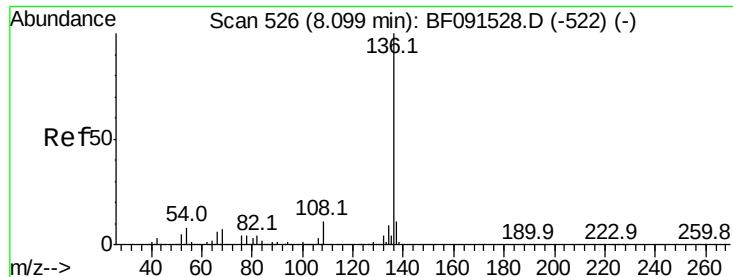
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#20
3+4-Methylphenols
Concen: 53.81 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	64.6	104.6	
77	116.6	30.9	70.9#	
79	31.0	9.3	49.3	





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:136 Resp: 1778637

Ion Ratio Lower Upper

136 100

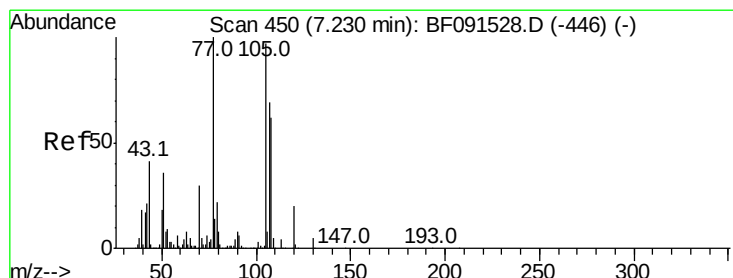
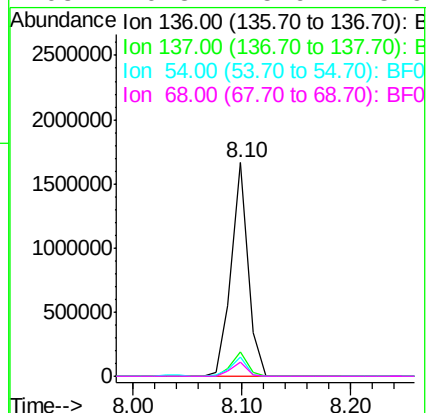
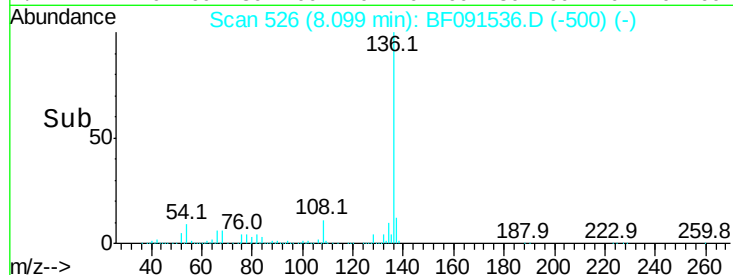
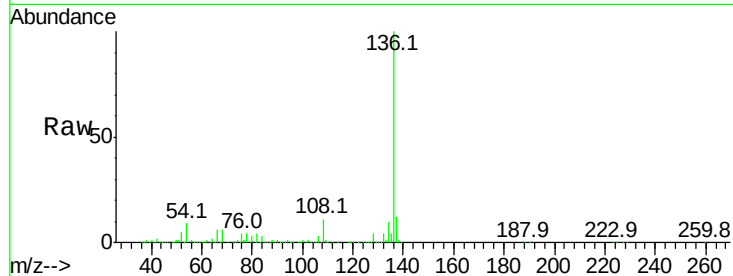
137 11.7 9.1 13.7

54 8.8 9.1 13.7#

68 6.3 5.9 8.9

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#22

Acetophenone

Concen: 54.39 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:105 Resp: 1158904

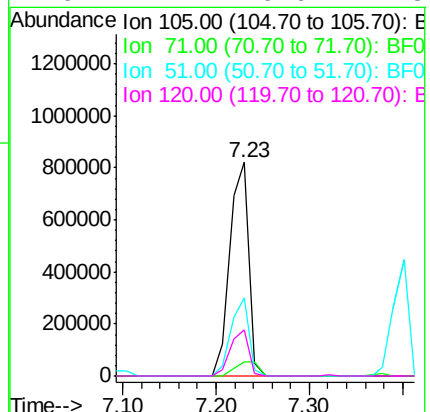
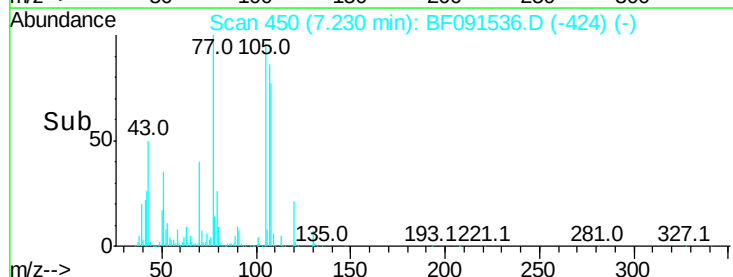
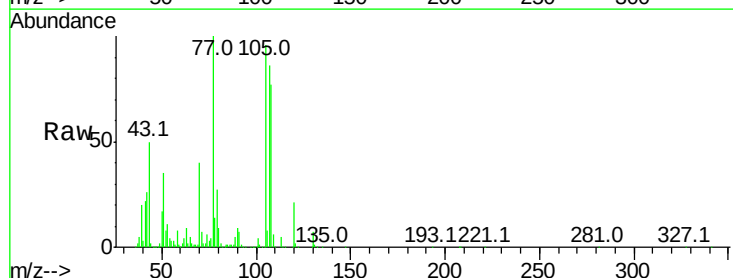
Ion Ratio Lower Upper

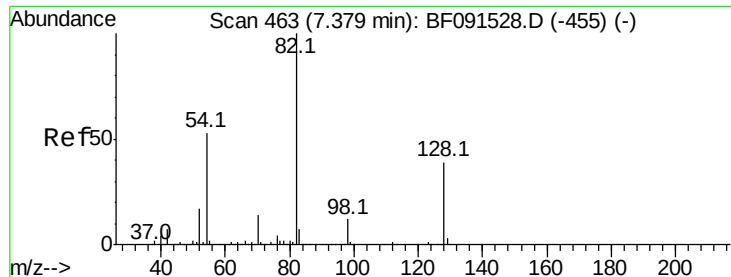
105 100

71 6.9 7.9 11.9#

51 36.4 24.5 36.7

120 21.4 16.6 24.8





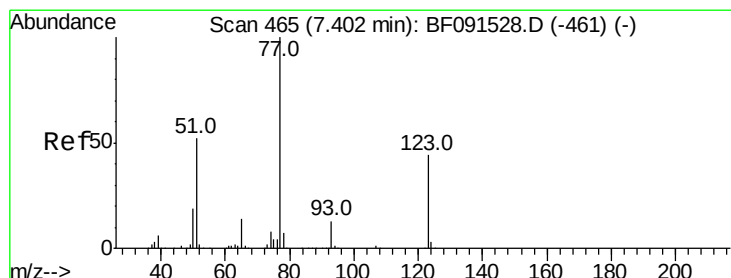
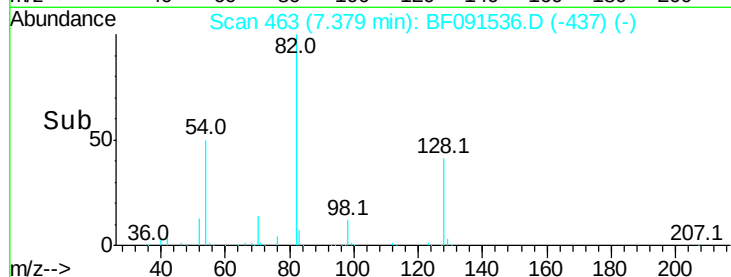
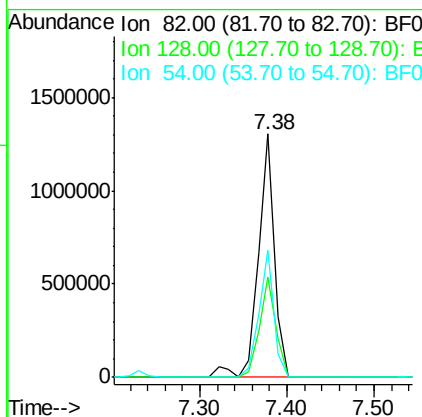
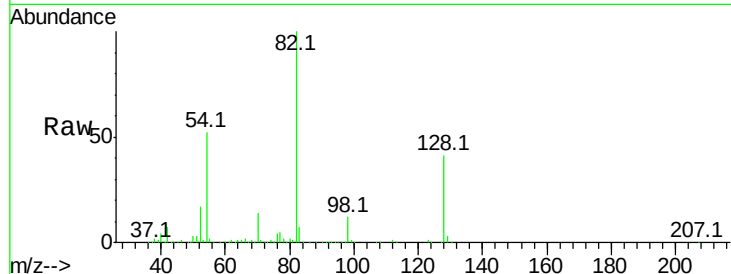
#23
 Nitrobenzene-d5
 Concen: 107.48 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.8	47.6
54	52.3	49.1	73.7

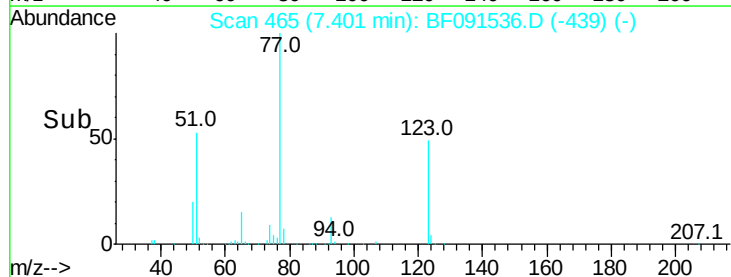
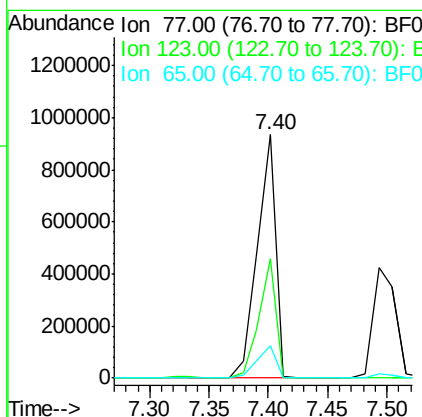
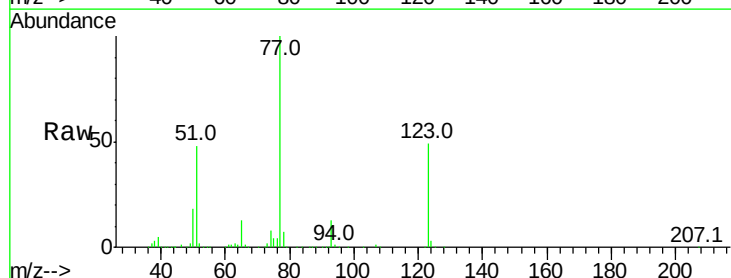
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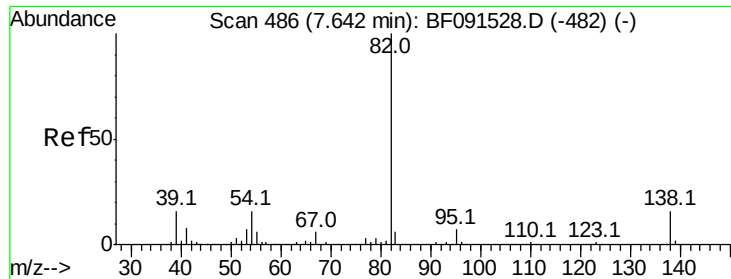
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#24
 Nitrobenzene
 Concen: 60.13 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	28.5	42.7#
65	13.4	12.5	18.7





#25

Isophorone

Concen: 59.57 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion: 82 Resp: 1687349

Ion Ratio Lower Upper

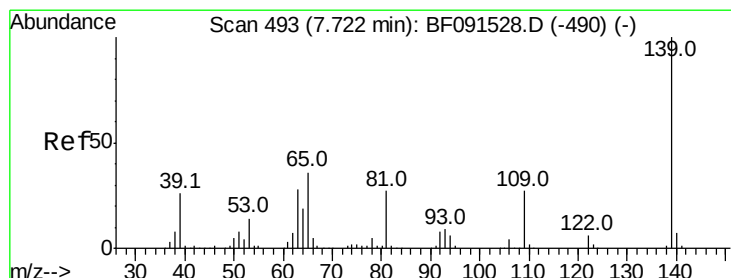
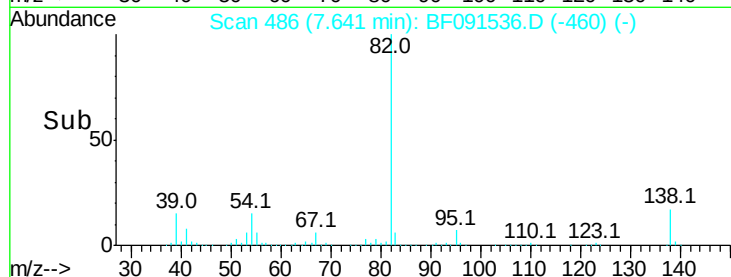
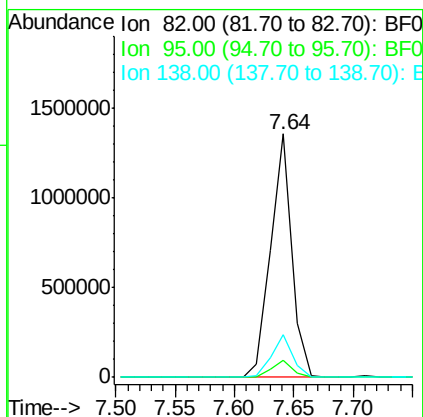
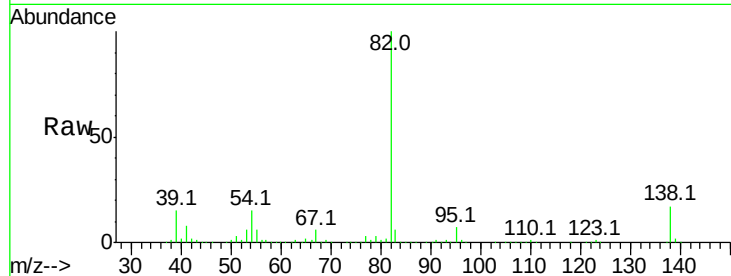
82 100

95 6.9 5.7 8.5

138 17.3 13.4 20.0

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#26

2-Nitrophenol

Concen: 59.10 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

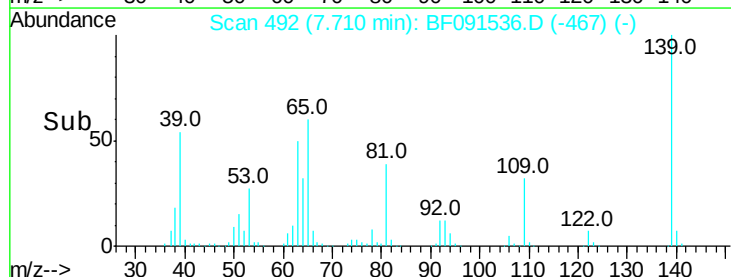
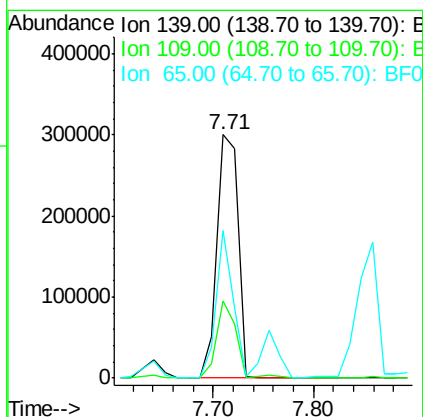
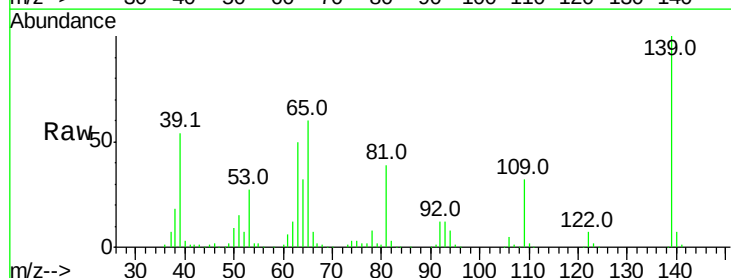
Tgt Ion: 139 Resp: 439106

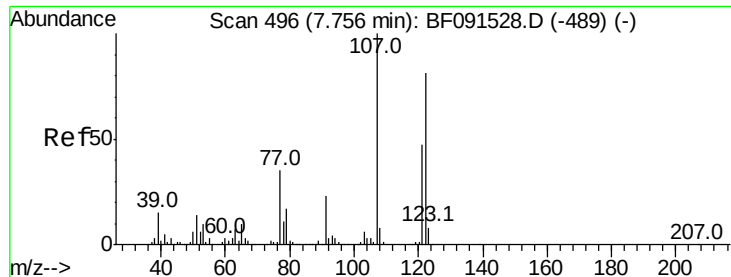
Ion Ratio Lower Upper

139 100

109 31.6 25.3 37.9

65 60.5 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 58.59 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

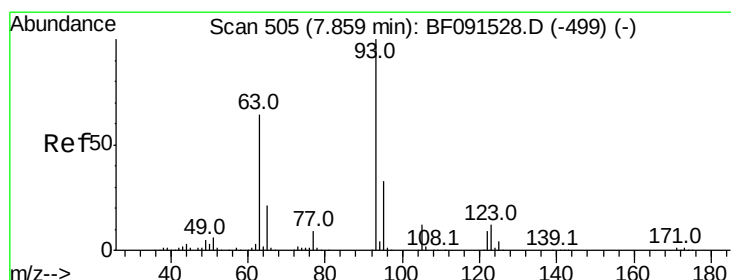
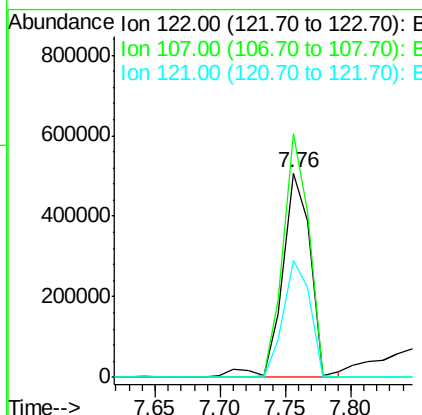
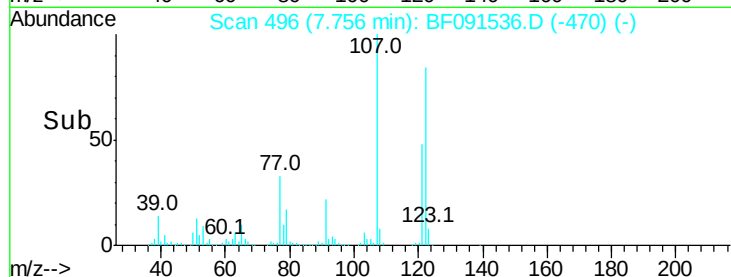
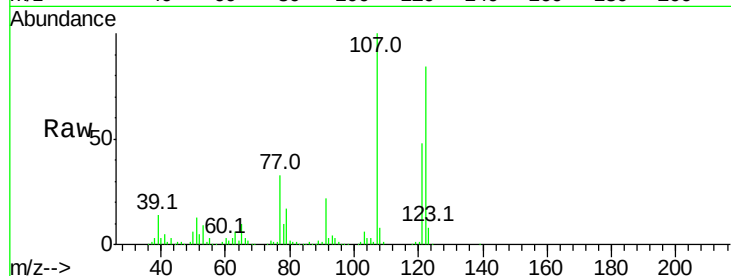
ClientSampleId :

PB95122BS

Tot Ion:	122	Resp:	764655
Ion Ratio	Lower	Upper	
122	100		
107	119.4	96.8	145.2
121	57.3	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 64.75 ng

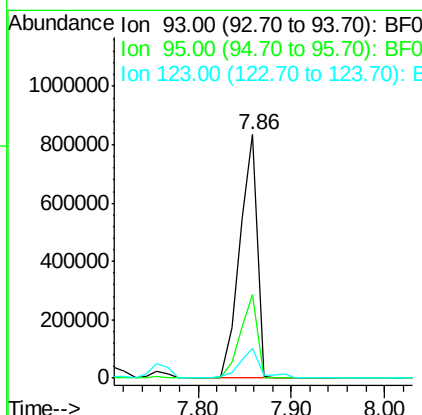
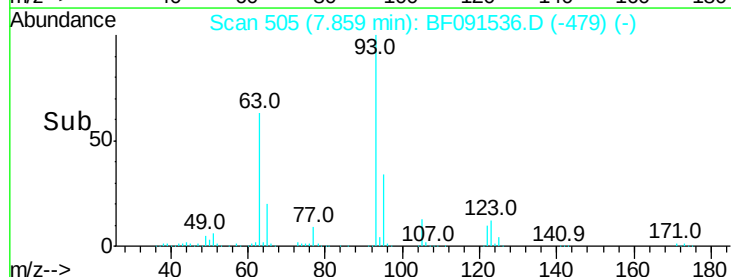
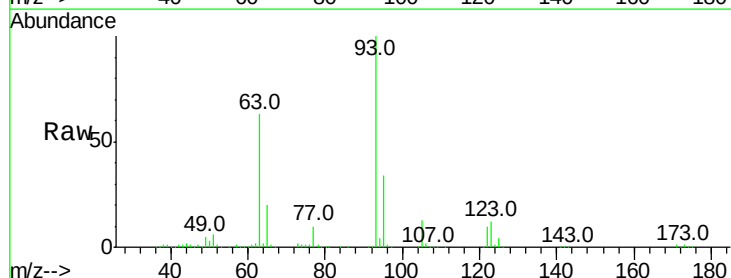
RT: 7.86 min Scan# 505

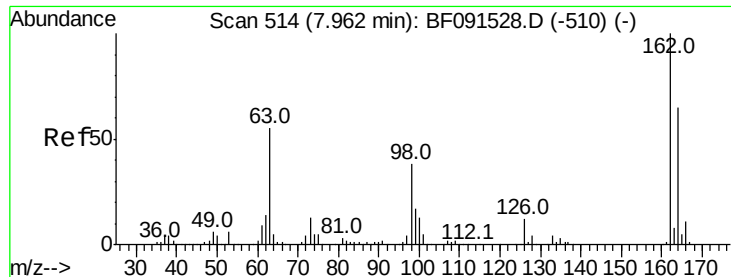
Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	93	Resp:	1075763
Ion Ratio	Lower	Upper	
93	100		
95	34.2	26.0	39.0
123	12.4	8.6	12.8





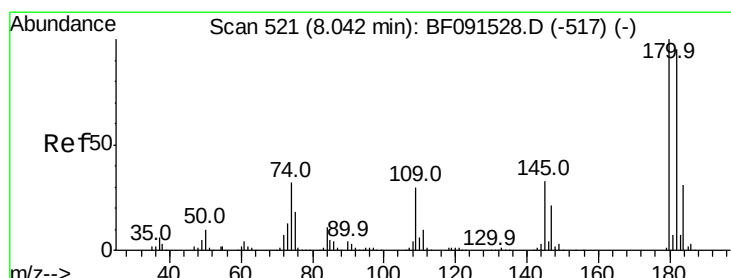
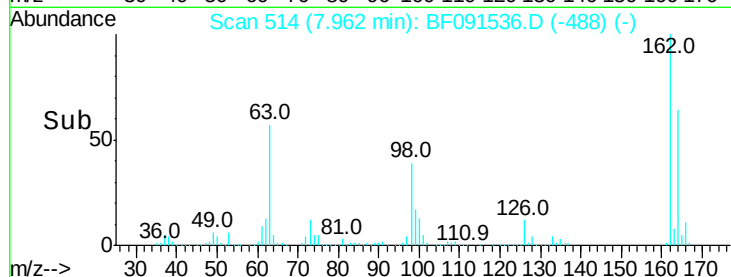
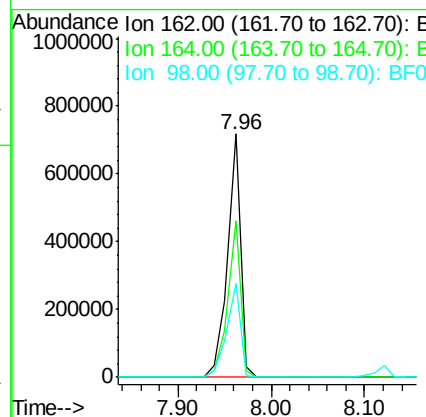
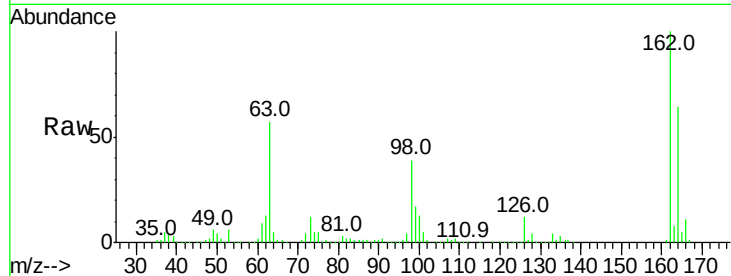
#29
 2,4-Dichlorophenol
 Concen: 61.35 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion:	162	Resp:	696551
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.0	85.0
98	38.7	21.3	61.3

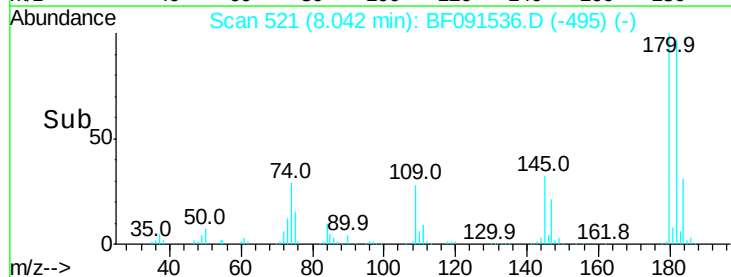
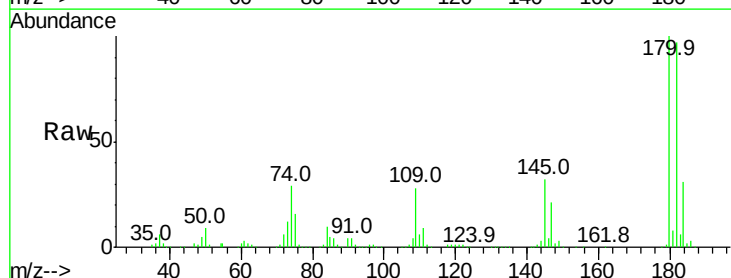
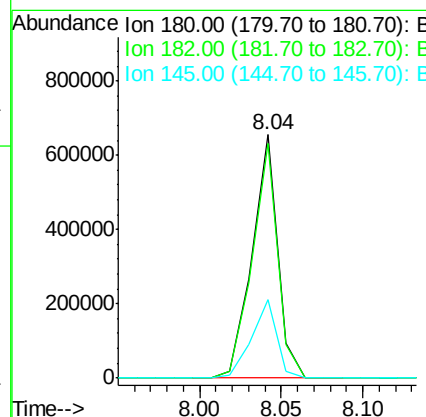
Manual Integrations
 APPROVED

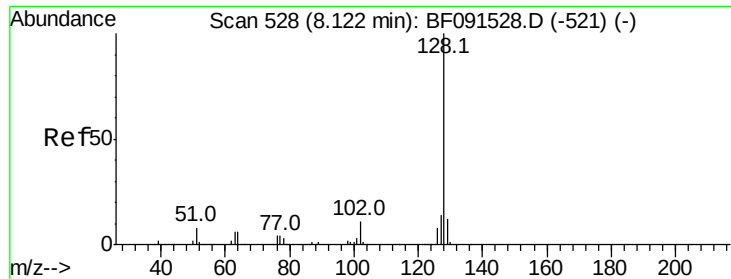
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#30
 1,2,4-Trichlorobenzene
 Concen: 55.00 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:	180	Resp:	709768
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.8	113.8
145	32.4	27.0	40.4





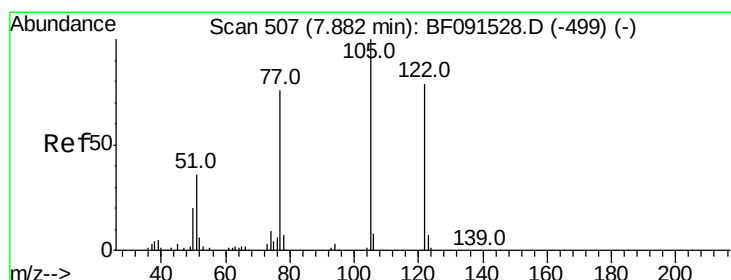
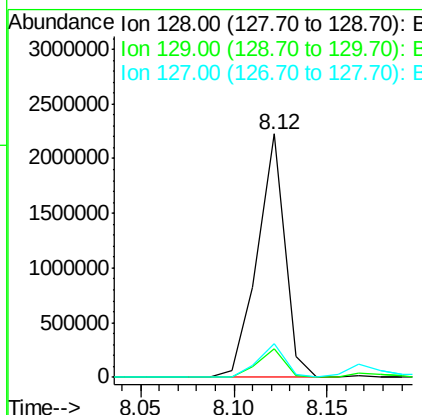
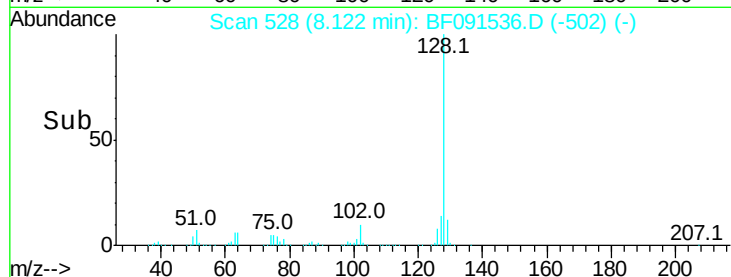
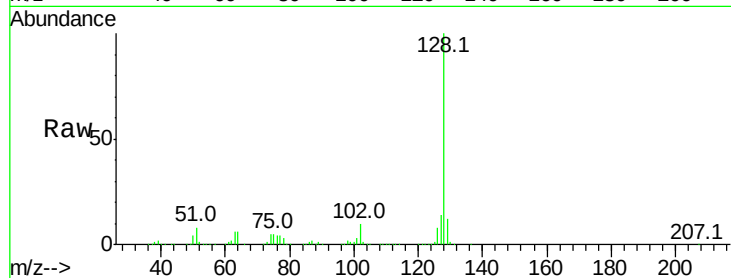
#31
Naphthalene
Concen: 54.80 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.7	11.0	16.4

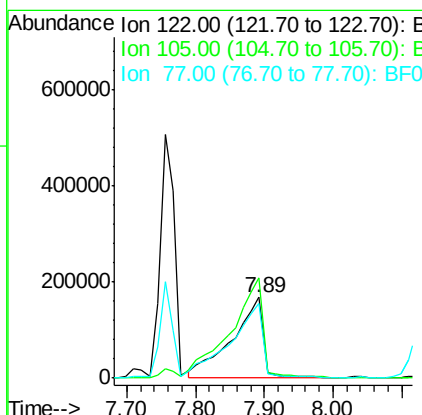
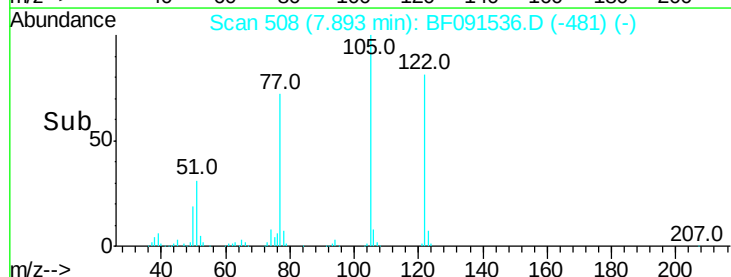
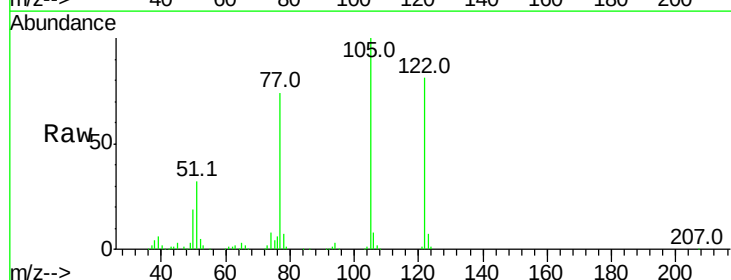
Manual Integrations
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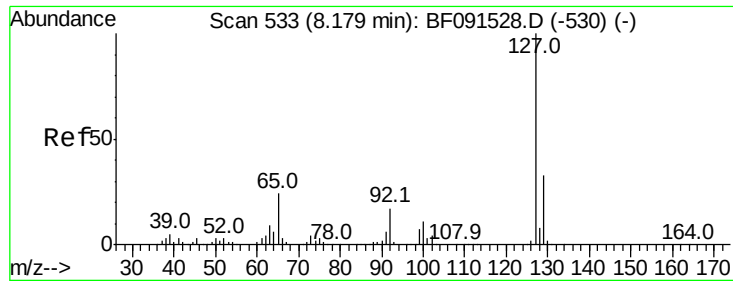
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#32
Benzoic acid
Concen: 60.20 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	113.0	153.0
77	91.8	82.0	122.0





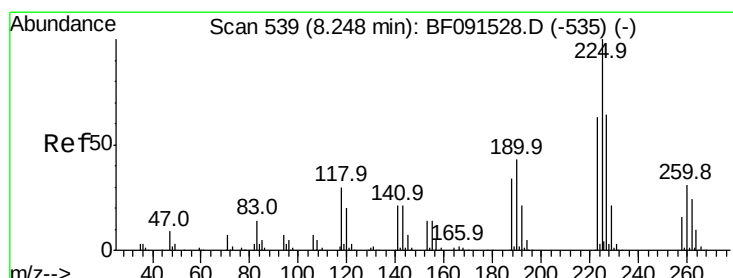
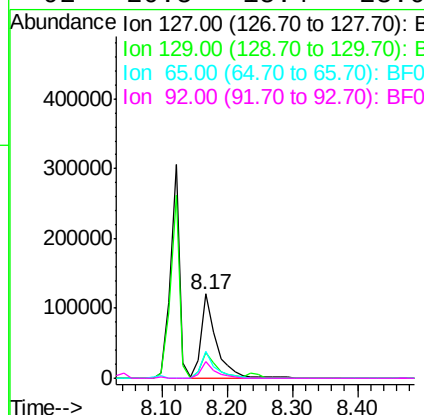
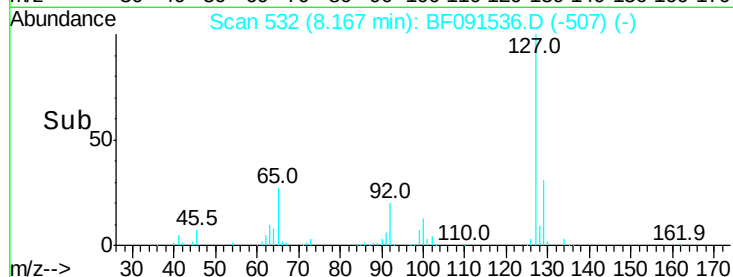
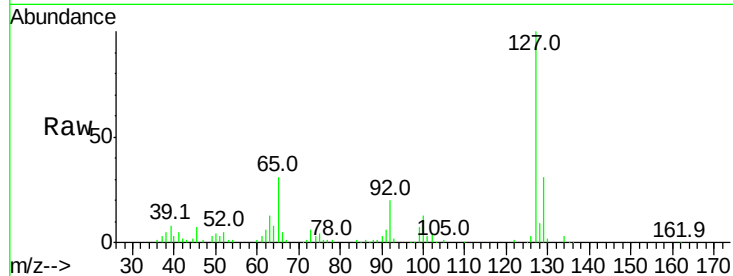
#33
4-Chloroaniline
Concen: 11.09 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	197614		
129	31.0	26.2	39.4	
65	31.5	26.6	39.8	
92	20.5	15.4	23.0	

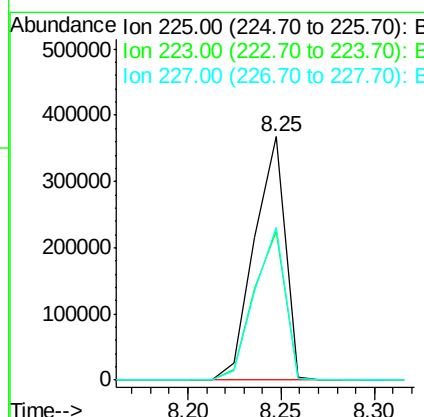
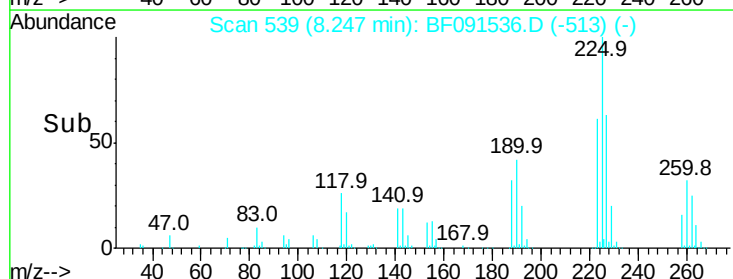
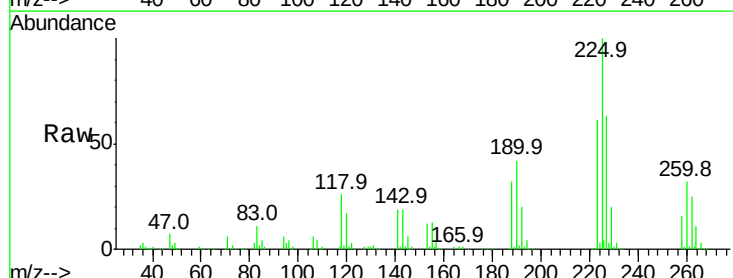
Manual Integrations
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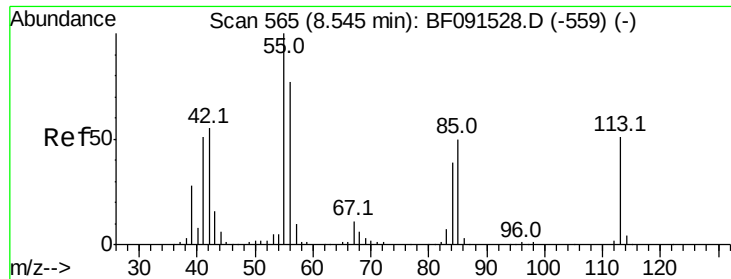
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#34
Hexachlorobutadiene
Concen: 56.98 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	421489		
223	61.2	49.8	74.6	
227	62.8	52.6	79.0	





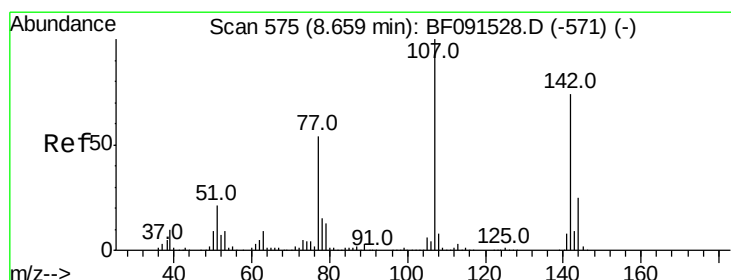
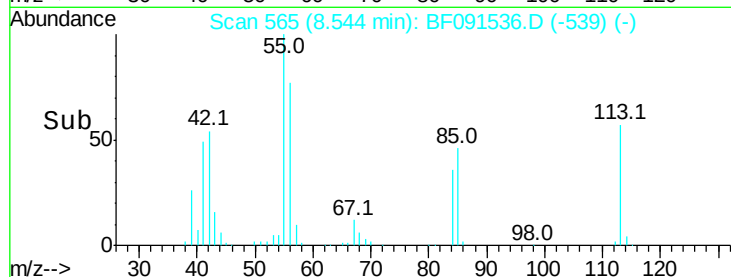
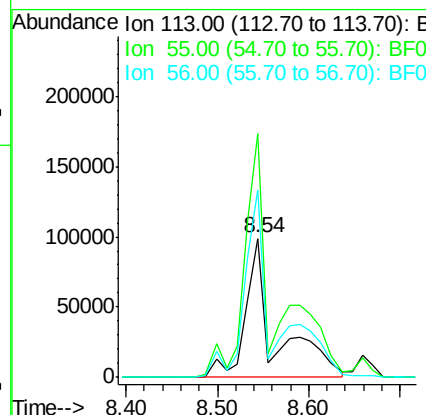
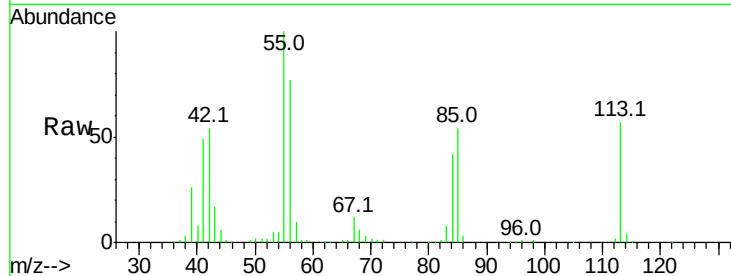
#35
 Caprolactam
 Concen: 67.48 ng/ml
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleID :
 PB95122BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.2	239.8	279.8#
56	134.6	165.6	205.6#

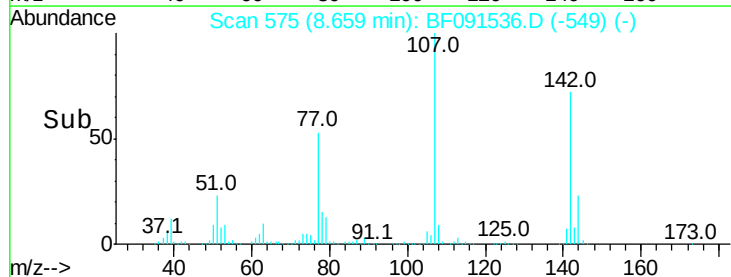
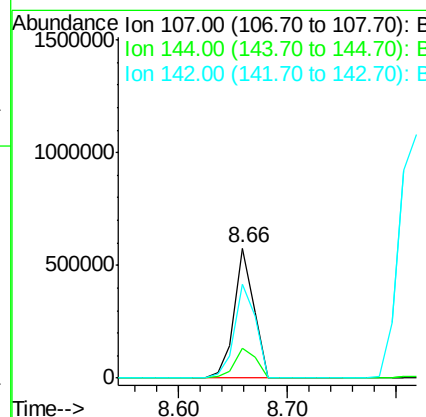
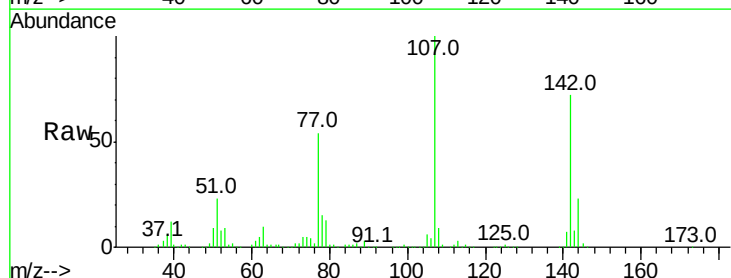
Manual Integrations
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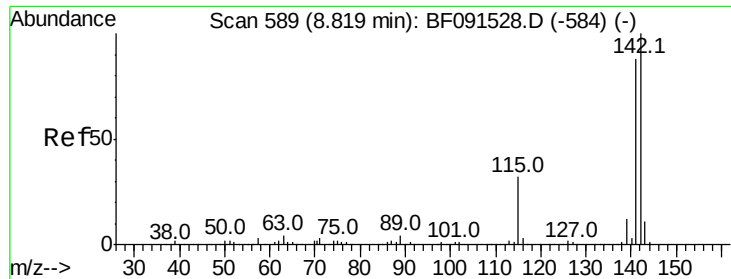
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#36
 4-Chloro-3-methylphenol
 Concen: 56.71 ng/ml
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	18.9	28.3
142	72.0	58.5	87.7





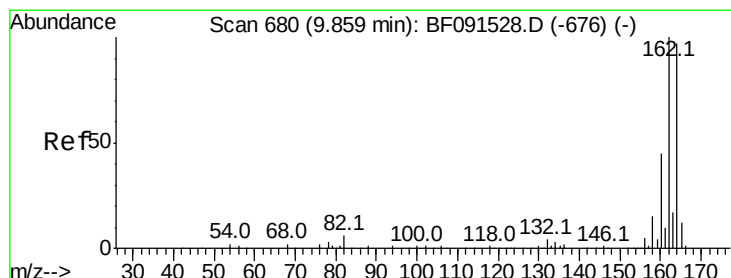
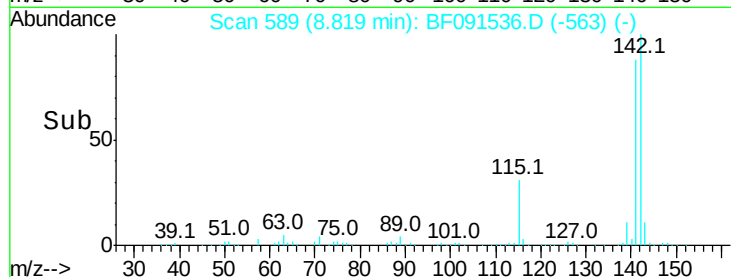
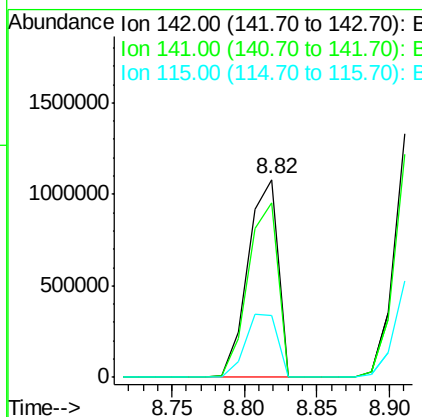
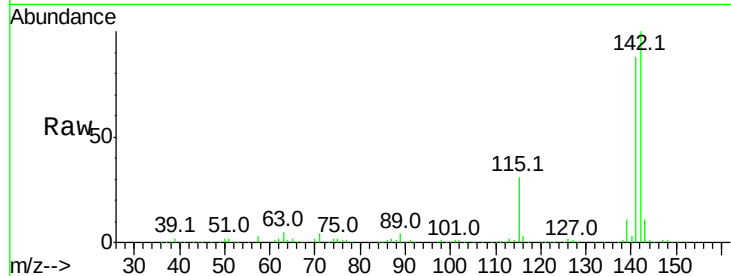
#37
2-Methylnaphthalene
Concen: 57.91 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tot Ion:142 Resp: 1550824
Ion Ratio Lower Upper
142 100
141 88.3 71.7 107.5
115 31.3 25.0 37.6

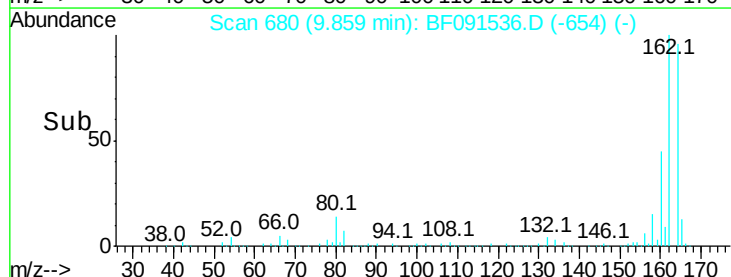
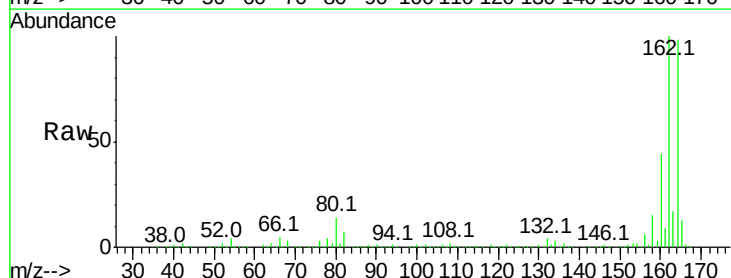
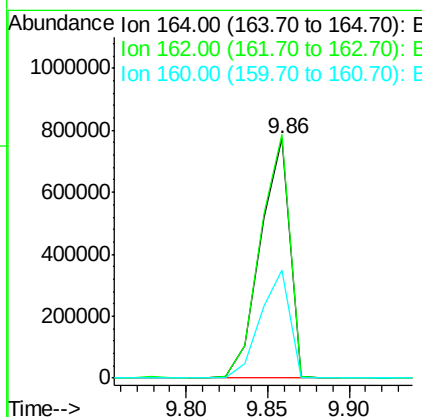
Manual Integrations
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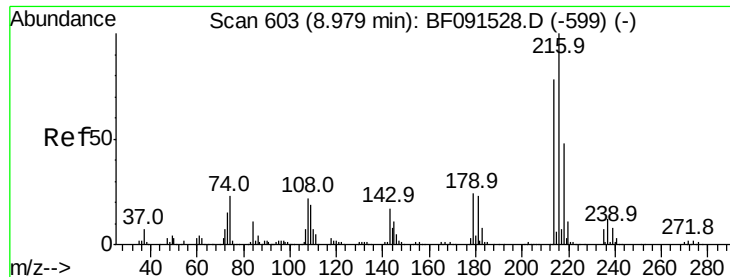
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion:164 Resp: 965643
Ion Ratio Lower Upper
164 100
162 101.7 82.6 124.0
160 45.3 36.7 55.1





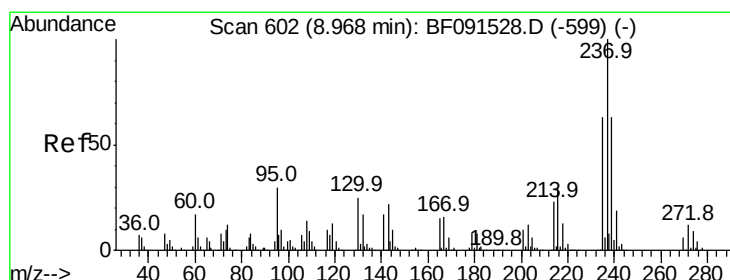
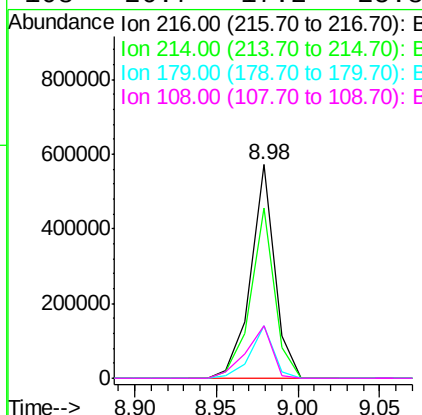
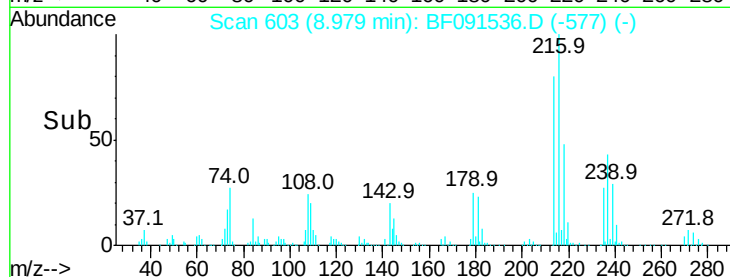
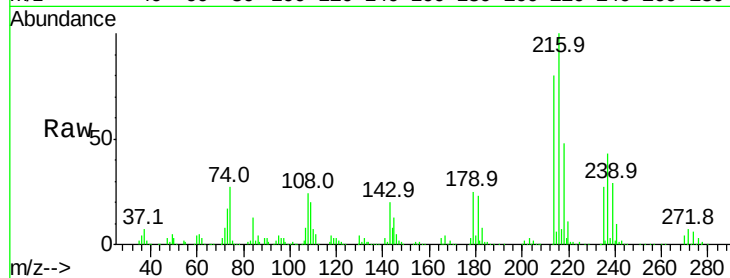
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.50 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.8	95.8
179	23.5	18.2	27.2
108	26.7	17.2	25.8

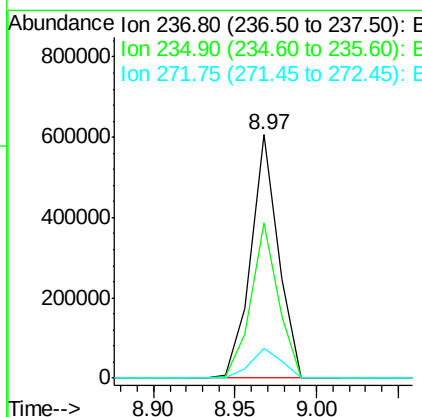
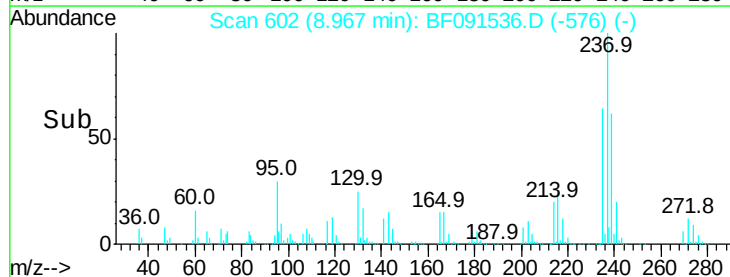
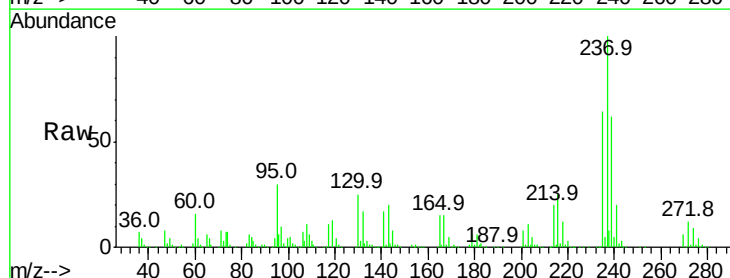
Manual Integrations
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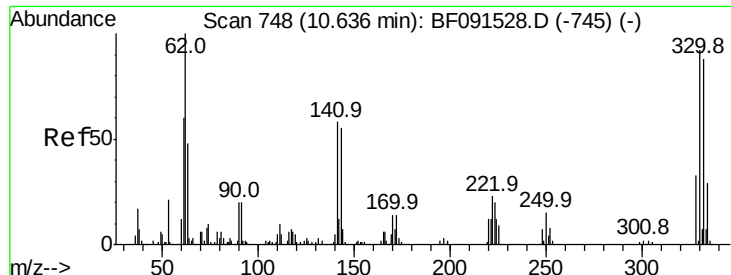
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#40
 Hexachlorocyclopentadiene
 Concen: 120.39 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	43.9	83.9
272	12.1	0.0	33.1





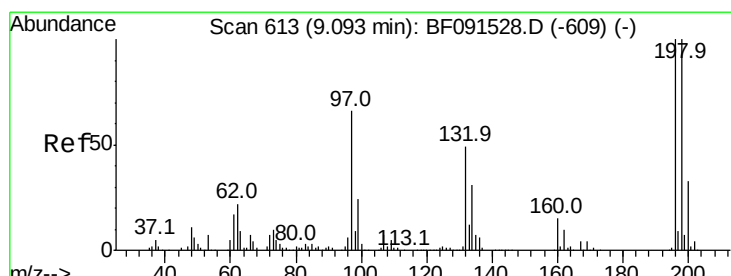
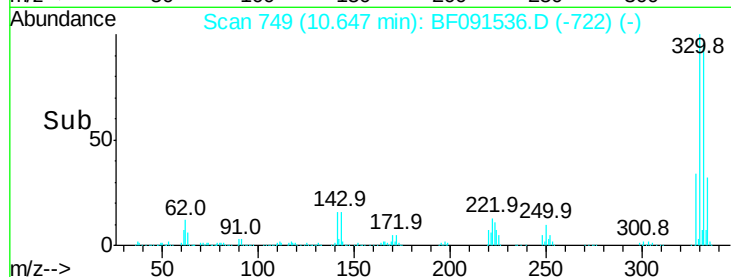
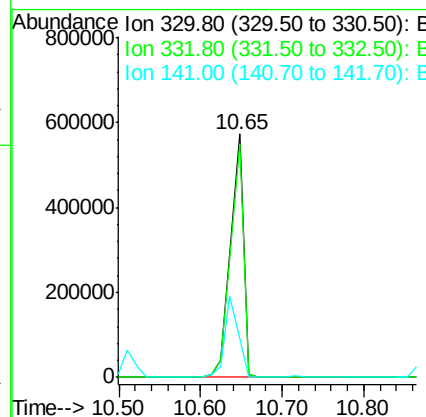
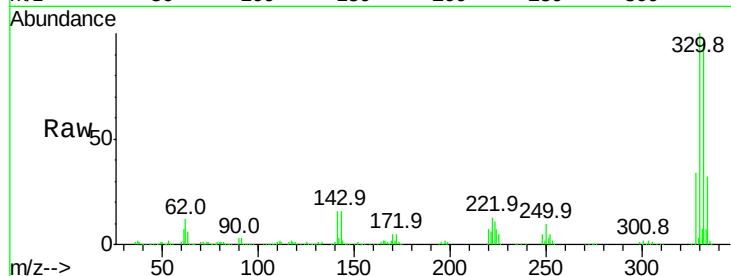
#41
 2,4,6-Tribromophenol
 Concen: 157.77 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	632718		
332	96.2	76.2	114.4	
141	34.6	33.6	50.4	

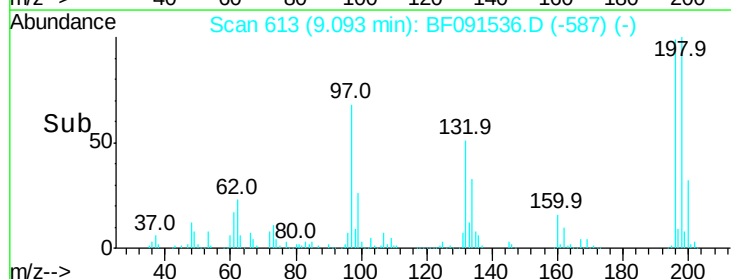
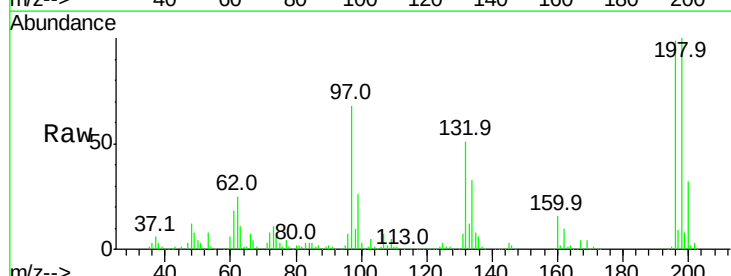
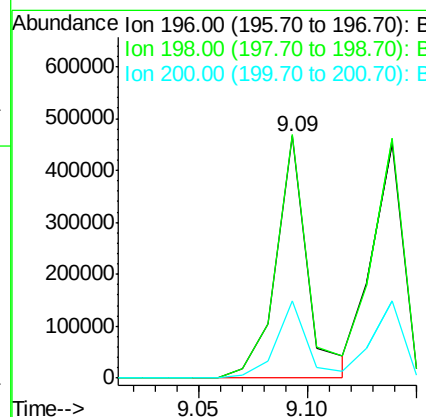
Manual Integrations
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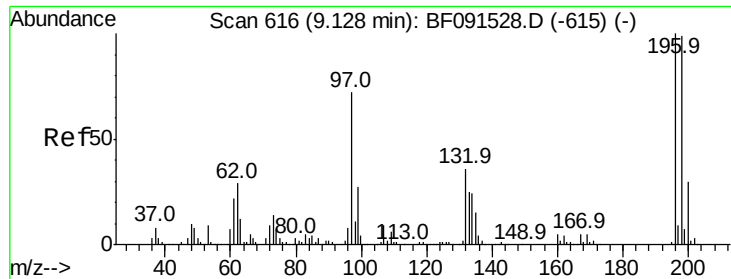
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#42
 2,4,6-Trichlorophenol
 Concen: 55.40 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	471355		
198	100.5	77.4	116.0	
200	32.0	25.2	37.8	





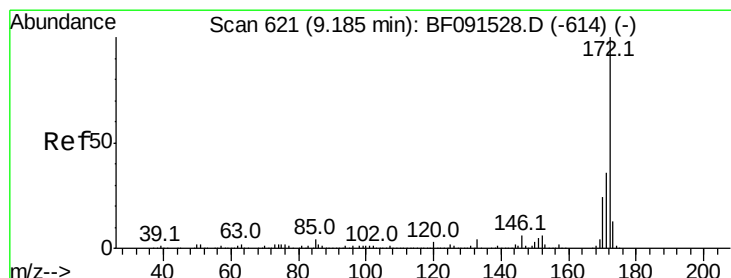
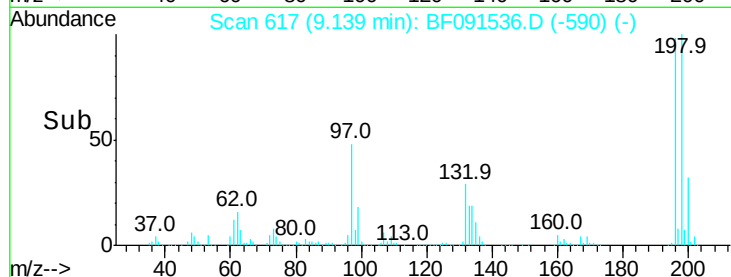
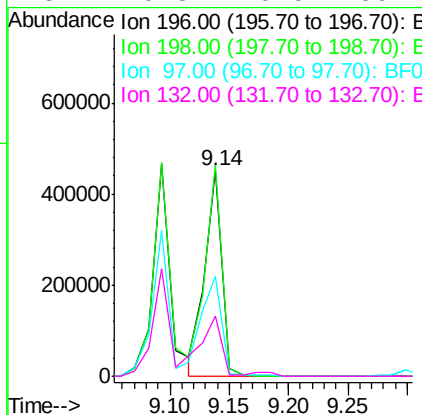
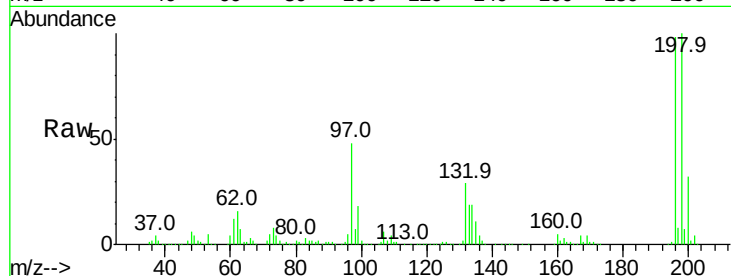
#43
 2,4,5-Trichlorophenol
 Concen: 51.82 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	453145		
198	102.5	77.0	115.6	
97	48.7	33.5	50.3	
132	29.3	20.5	30.7	

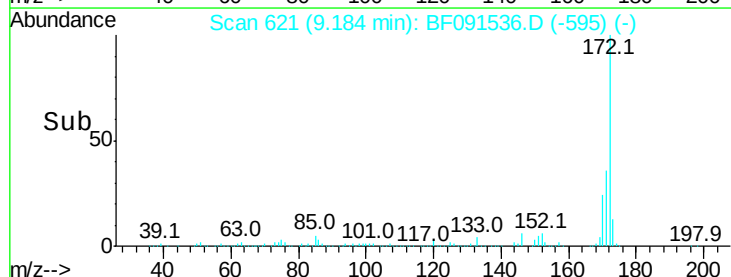
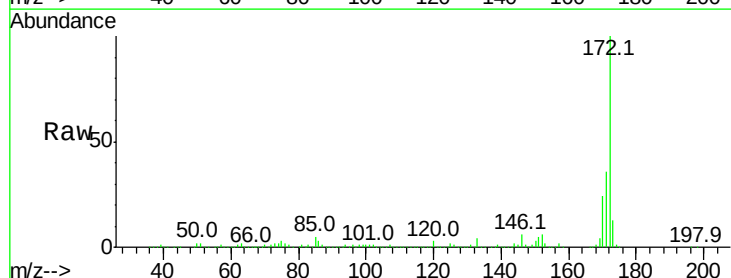
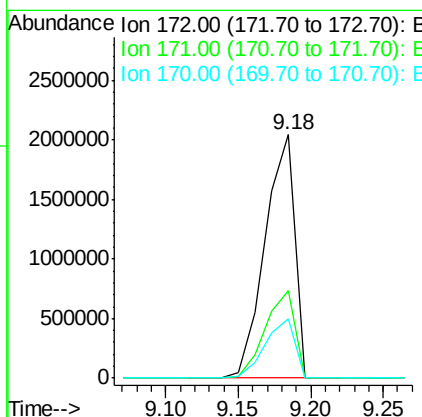
Manual Integrations
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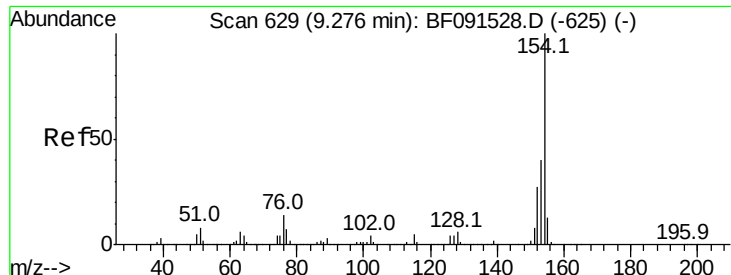
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#44
 2-Fluorobiphenyl
 Concen: 103.56 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2893903		
171	35.8	29.4	44.0	
170	24.5	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 49.20 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:154 Resp: 1720453

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

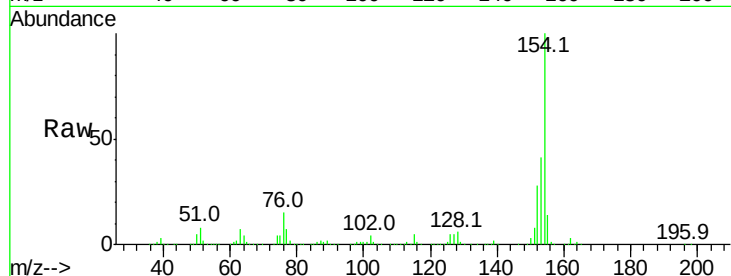
76 14.6 0.0 36.6

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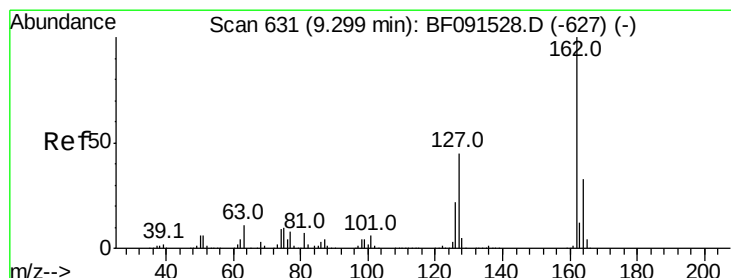
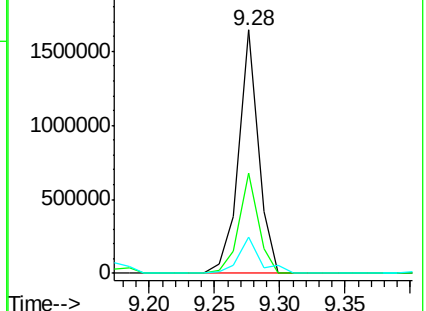
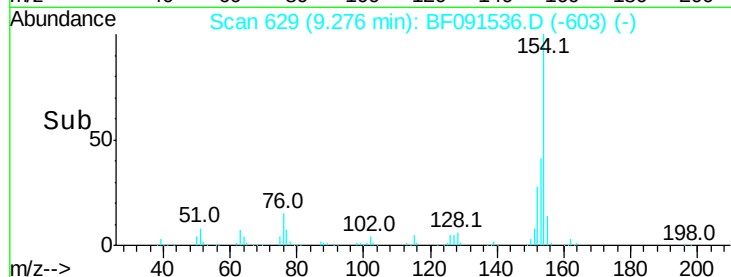
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 49.15 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

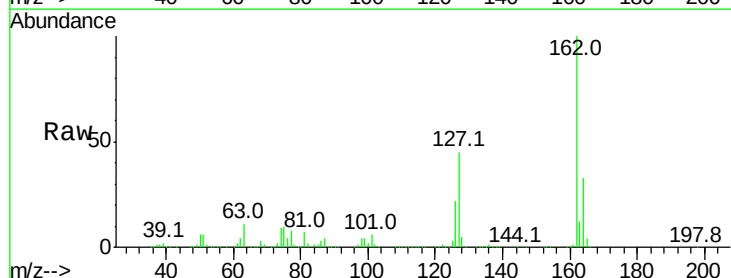
Tgt Ion:162 Resp: 1330944

Ion Ratio Lower Upper

162 100

127 44.8 34.3 51.5

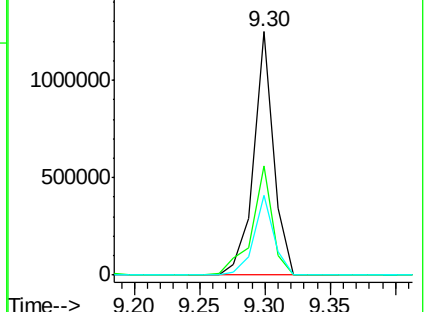
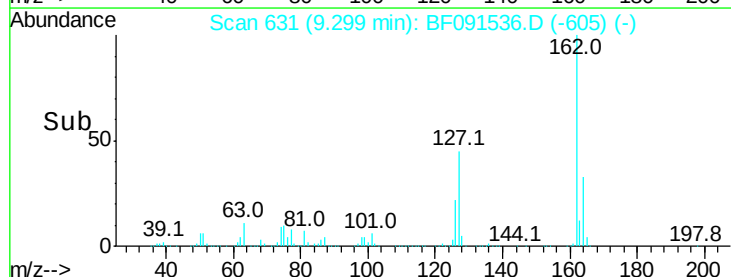
164 33.0 26.6 40.0

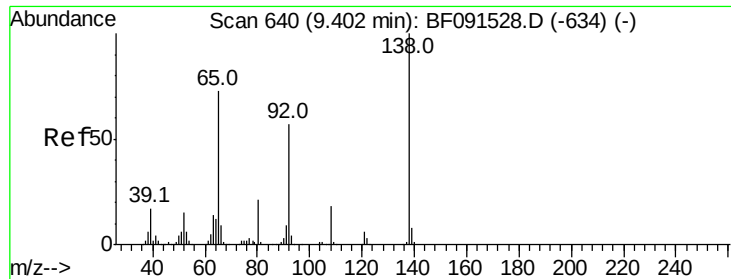


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.71 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

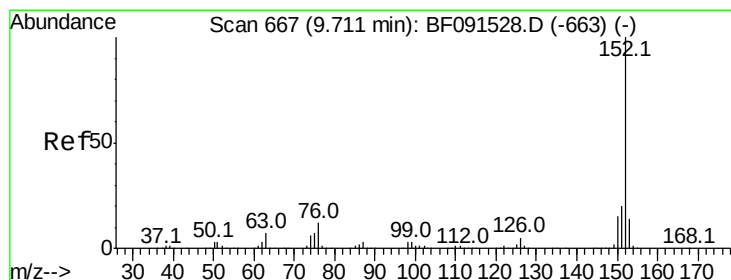
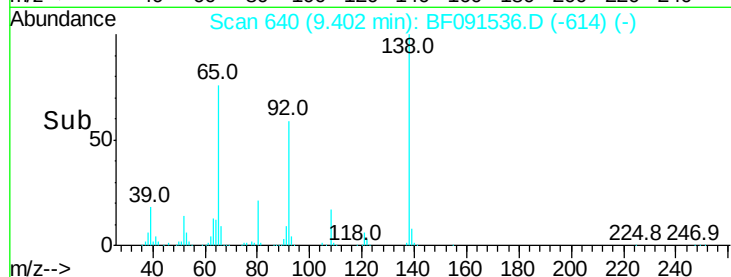
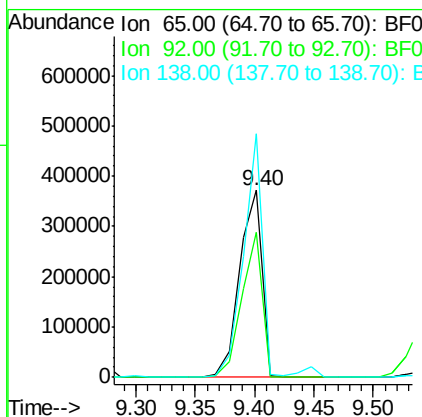
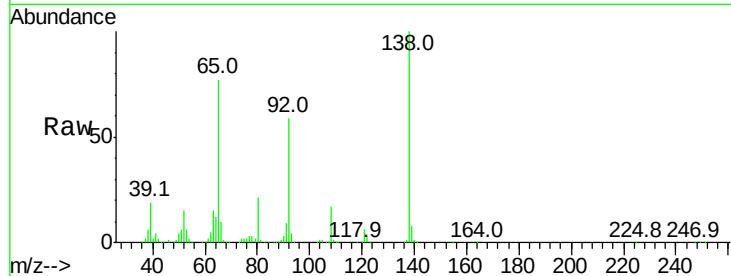
ClientSampleId :

PB95122BS

Tot Ion:	65	Resp:	489129
Ion	Ratio	Lower	Upper
65	100		
92	77.3	53.6	80.4
138	130.1	91.0	136.6

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#48

Acenaphthylene

Concen: 51.81 ng

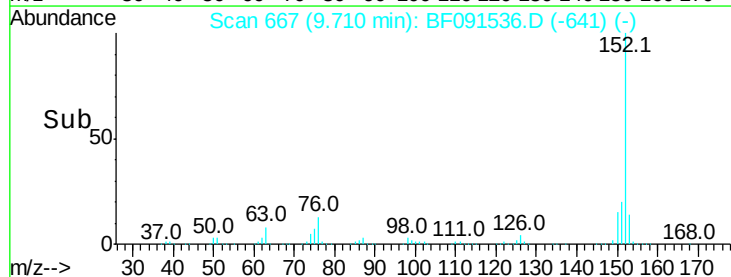
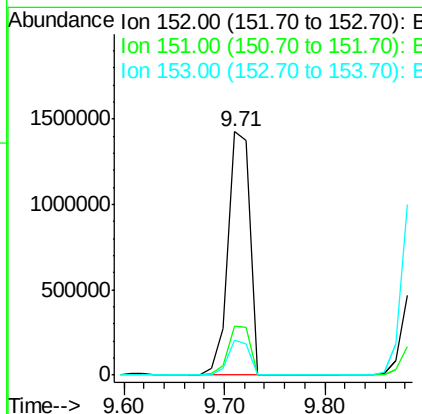
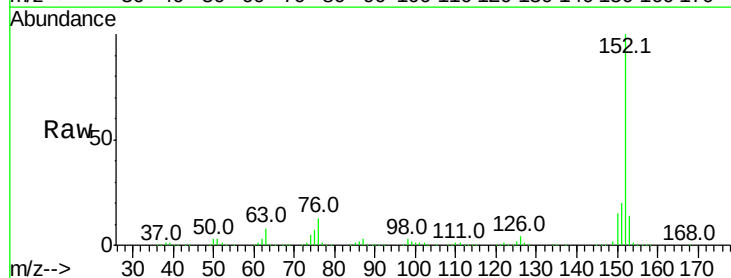
RT: 9.71 min Scan# 667

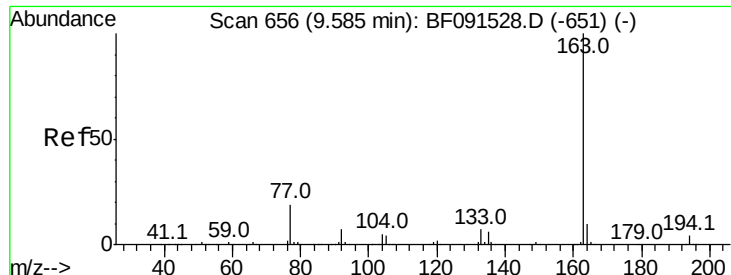
Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	152	Resp:	2138643
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	14.3	10.7	16.1





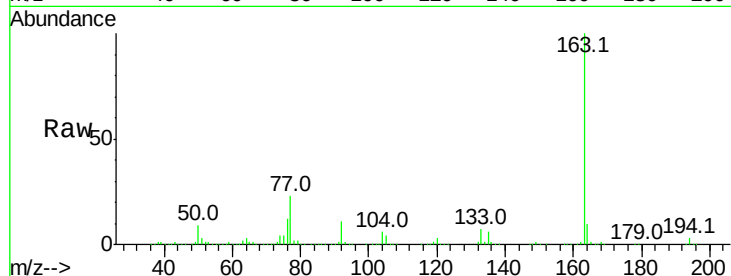
#49
Dimethylphthalate
Concen: 52.96 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

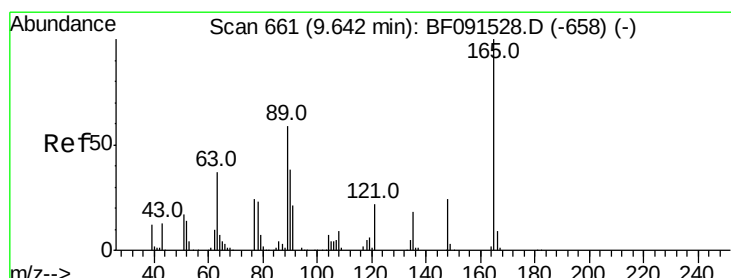
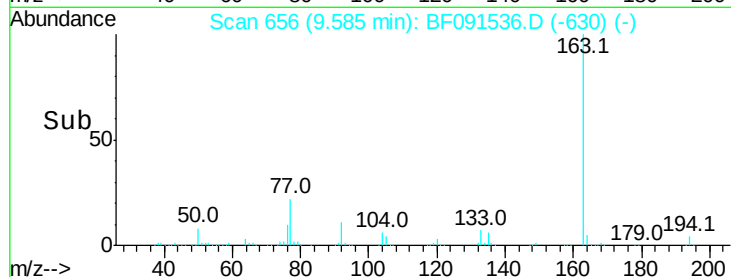
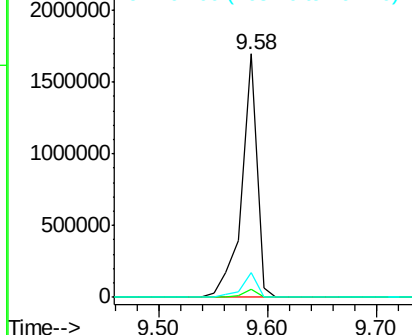
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.3	7.8	11.8

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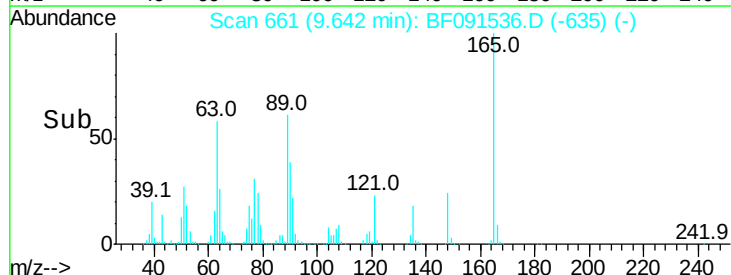
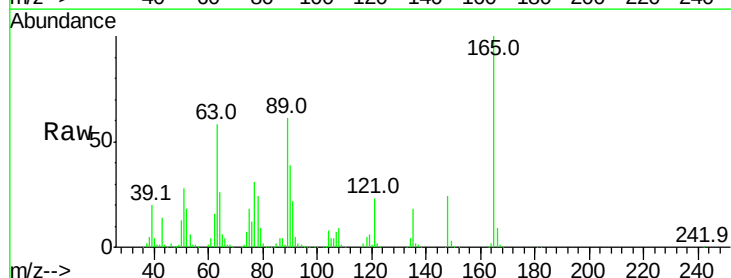
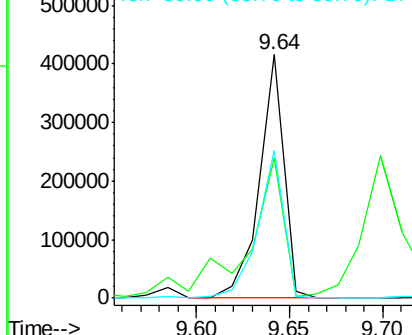
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

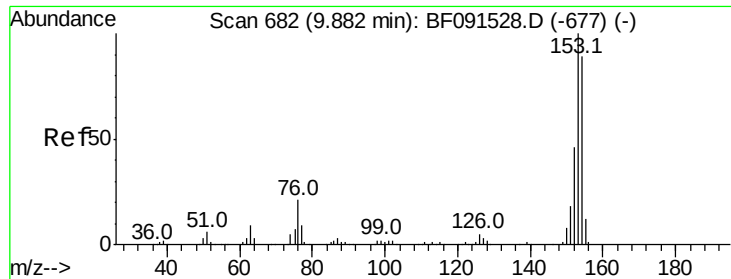


#50
2,6-Dinitrotoluene
Concen: 56.07 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.5	59.4	89.0#
89	60.7	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: 55.74 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:154 Resp: 1598295

Ion Ratio Lower Upper

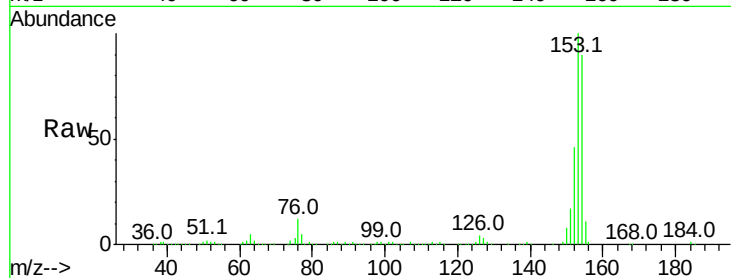
154 100

153 111.5 91.0 136.6

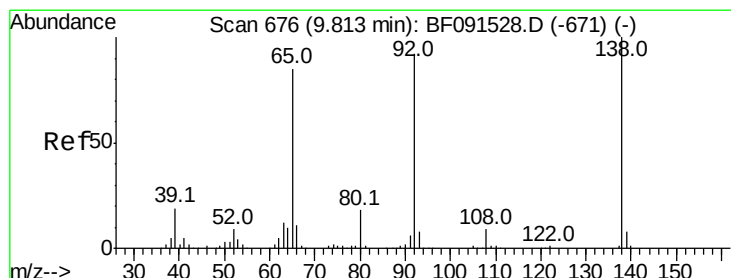
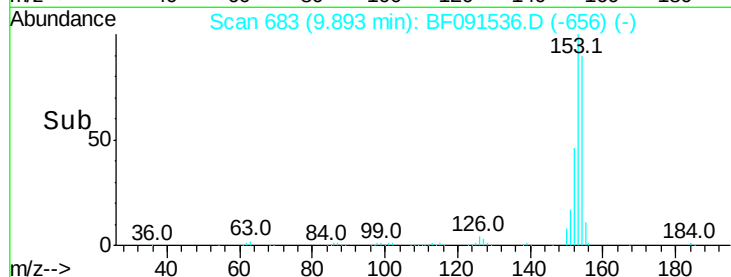
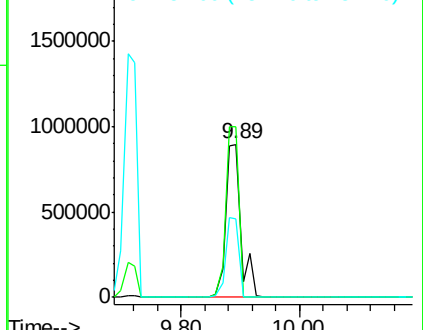
152 51.2 44.2 66.2

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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: 22.53 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

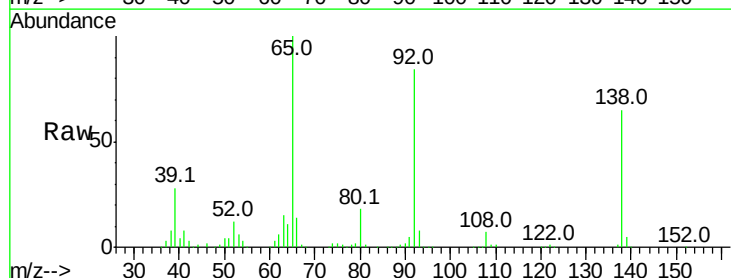
Tgt Ion:138 Resp: 177571

Ion Ratio Lower Upper

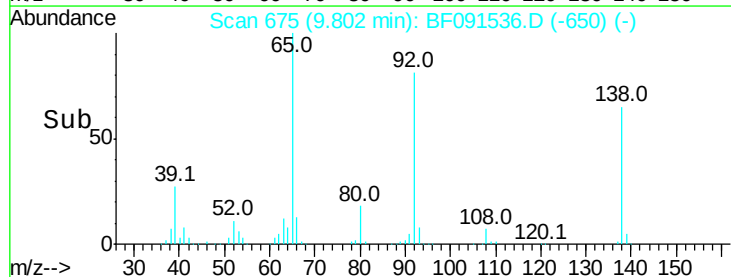
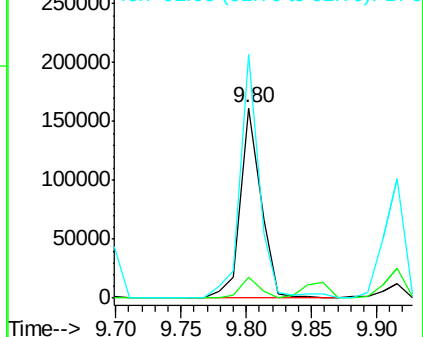
138 100

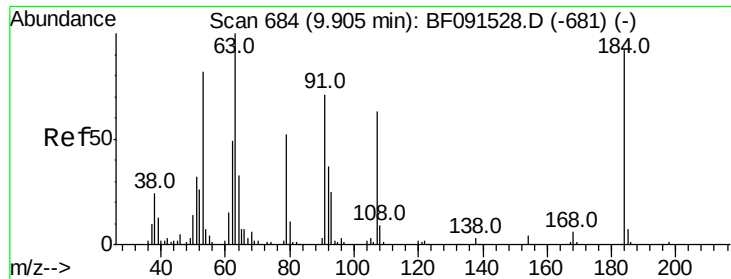
108 11.0 8.1 12.1

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: 112.04 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

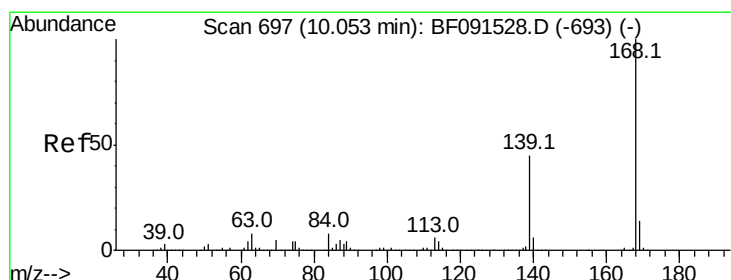
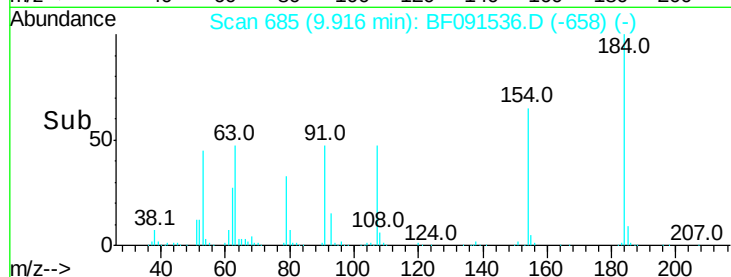
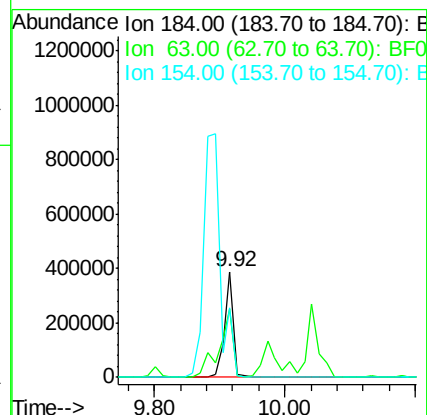
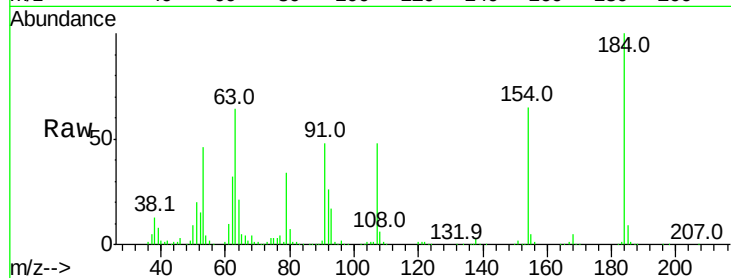
ClientSampled :

PB95122BS

Tot Ion:	184	Resp:	381499
Ion Ratio	Lower	Upper	
184	100		
63	64.2	58.3	87.5
154	65.2	48.6	73.0

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#54

Dibenzofuran

Concen: 56.34 ng

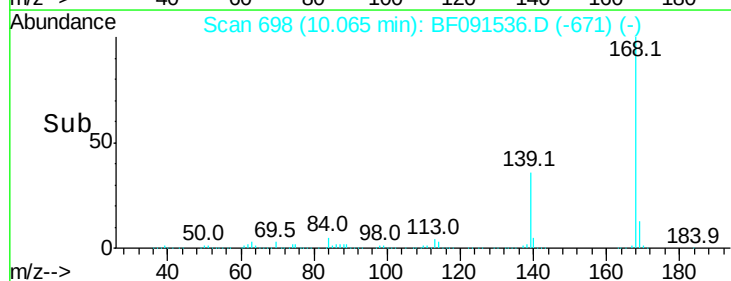
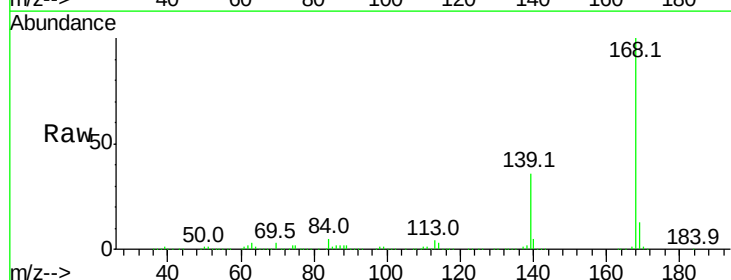
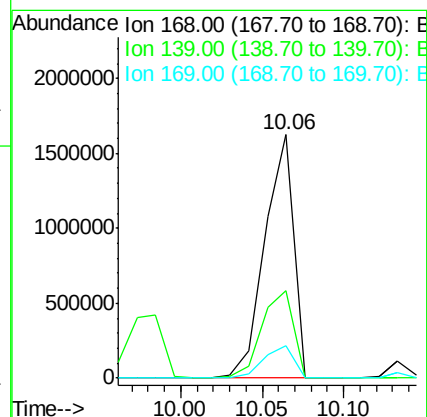
RT: 10.06 min Scan# 698

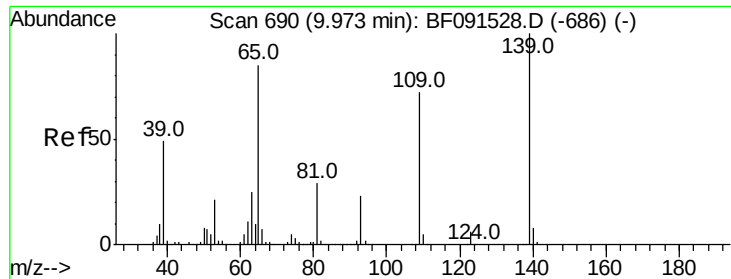
Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	168	Resp:	1998579
Ion Ratio	Lower	Upper	
168	100		
139	36.2	33.4	50.2
169	13.3	11.1	16.7





#55

4-Nitrophenol

Concen: 112.99 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

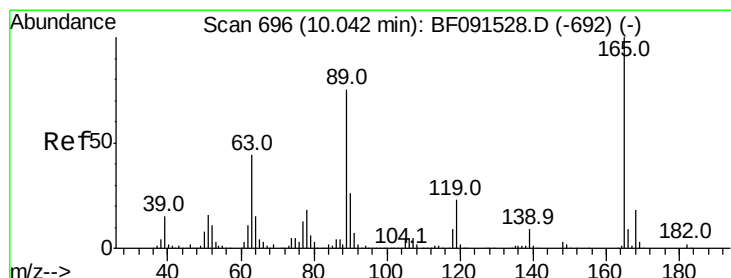
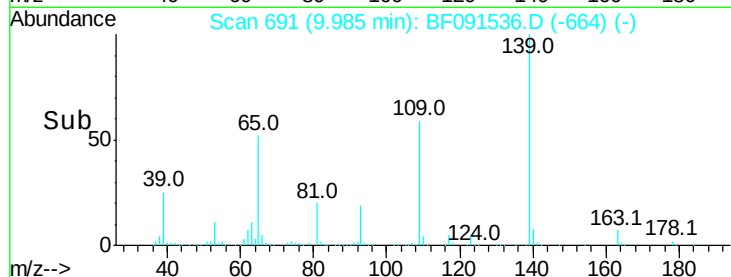
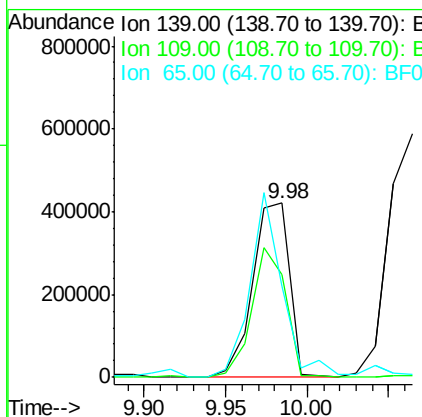
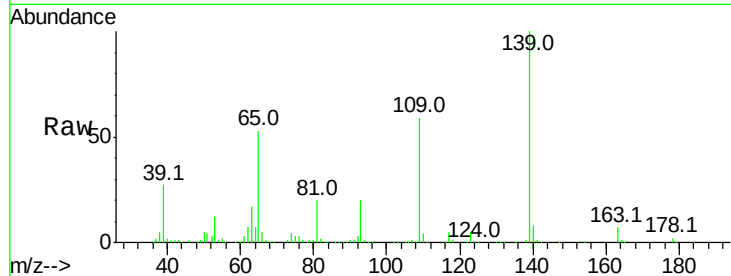
ClientSampleId :

PB95122BS

Tot Ion:	139	Resp:	662594
Ion Ratio	Lower	Upper	
139	100		
109	58.8	54.9	94.9
65	52.6	102.2	142.2#

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#56

2,4-Dinitrotoluene

Concen: 50.80 ng

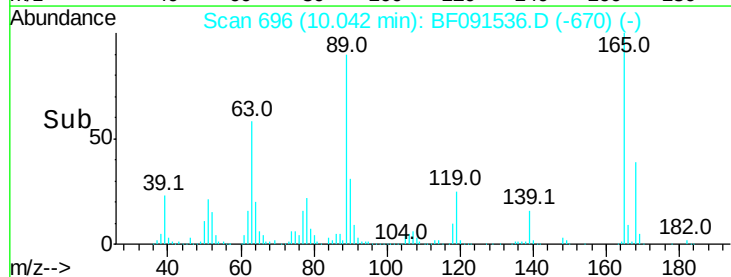
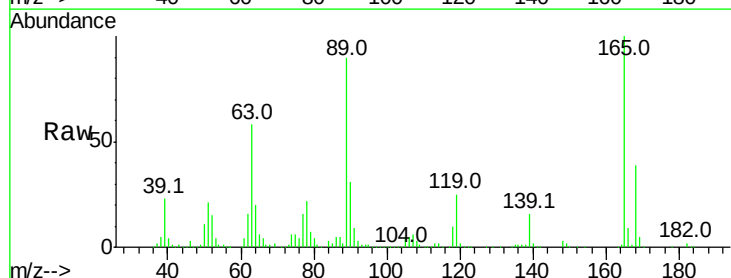
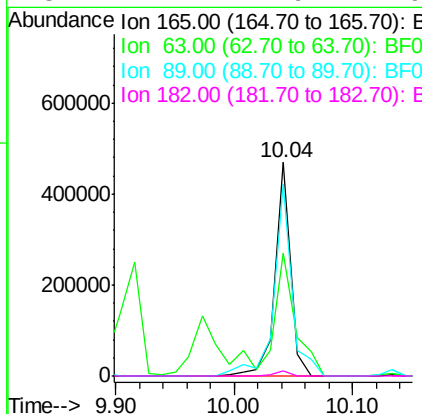
RT: 10.04 min Scan# 696

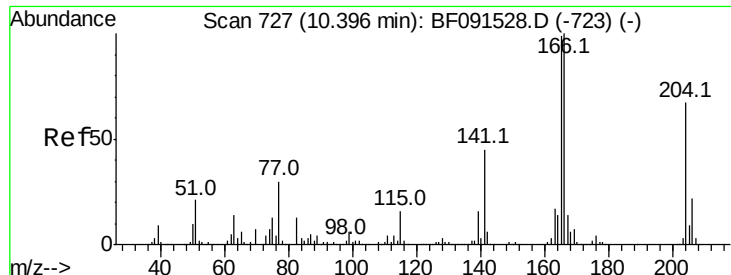
Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:	165	Resp:	427290
Ion Ratio	Lower	Upper	
165	100		
63	57.6	29.0	43.4#
89	90.2	43.1	64.7#
182	2.1	1.9	2.9





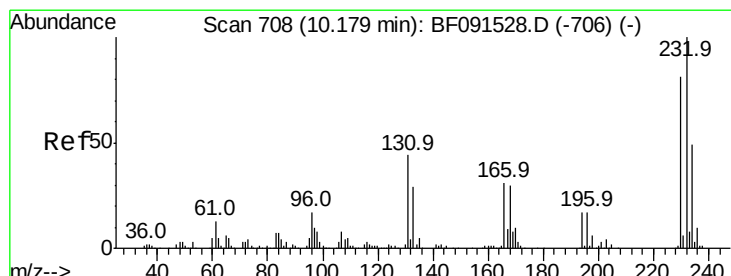
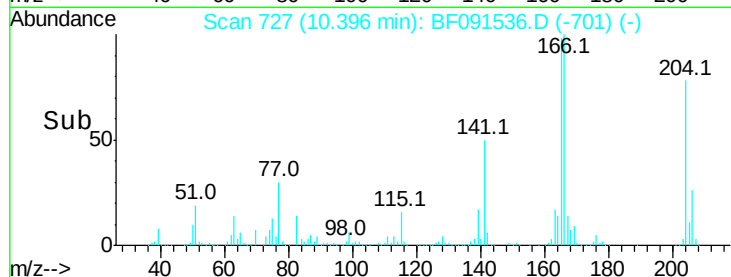
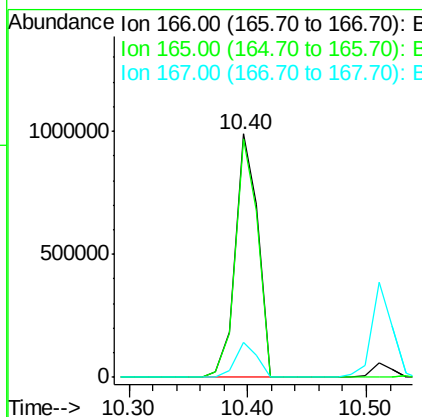
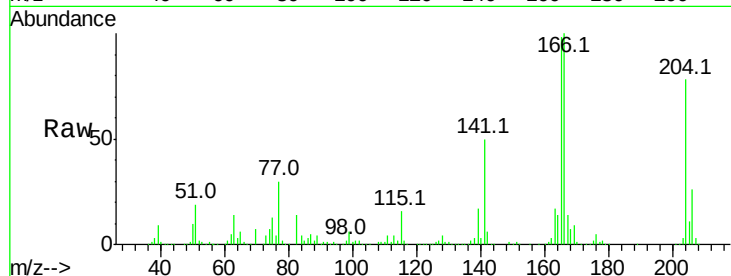
#57
Fluorene
 Concen: 46.84 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.0	120.0
167	14.2	10.8	16.2

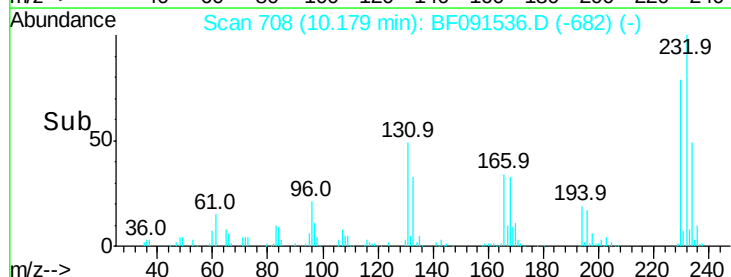
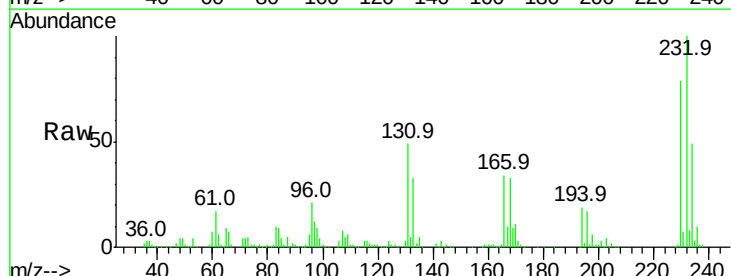
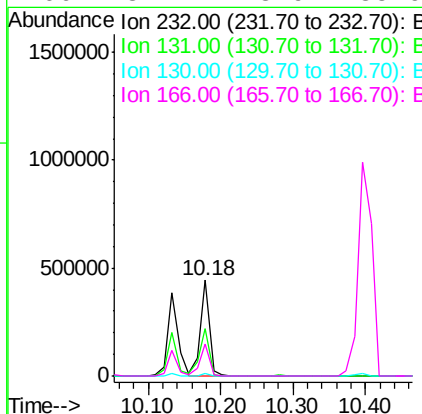
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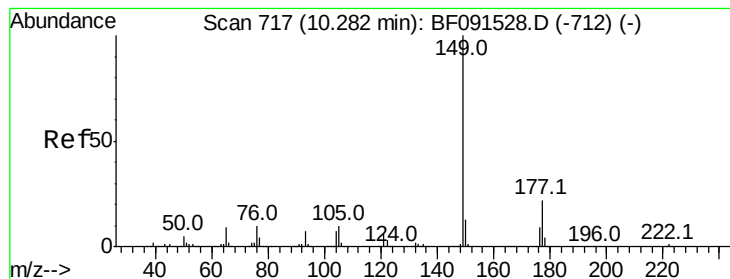
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 56.25 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.8	38.4	57.6
130	2.7	1.8	2.8
166	34.7	23.9	35.9





#59

Diethylphthalate

Concen: 53.12 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:149 Resp: 1563760

Ion Ratio Lower Upper

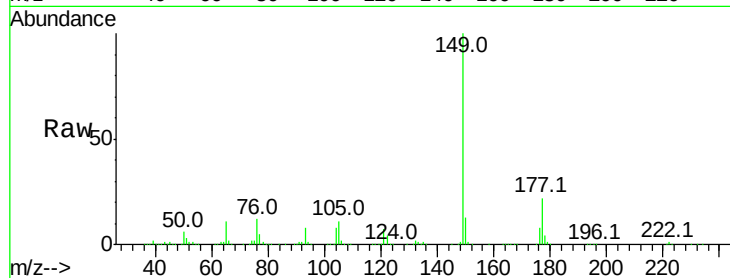
149 100

177 22.0 15.7 23.5

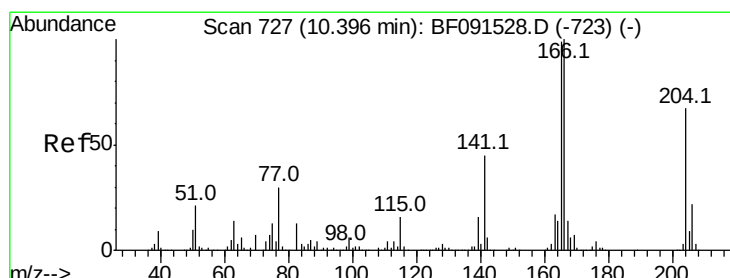
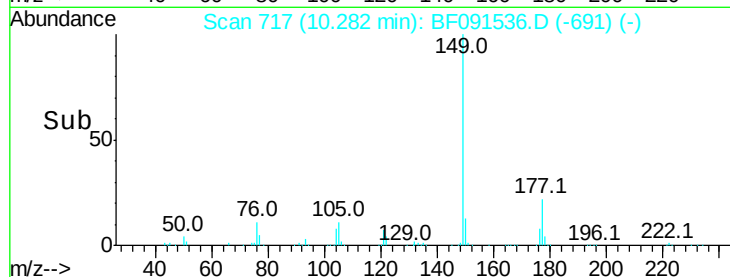
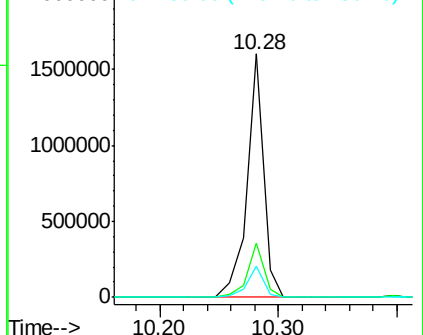
150 12.7 10.2 15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.33 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

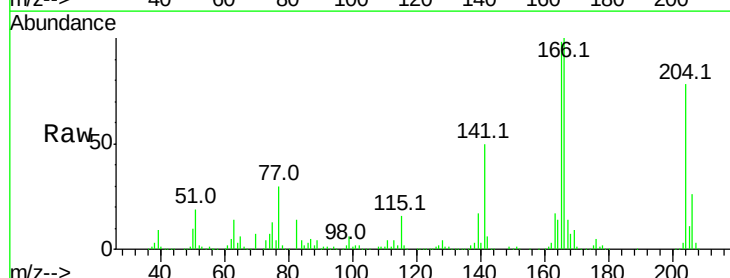
Tgt Ion:204 Resp: 680263

Ion Ratio Lower Upper

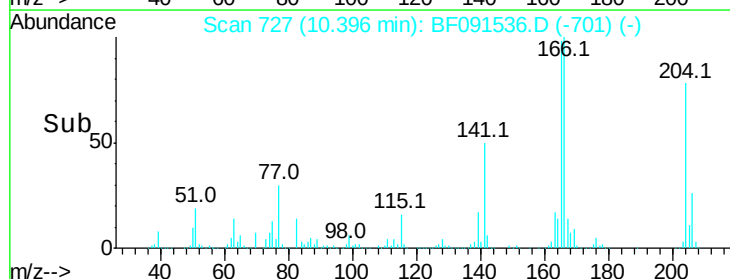
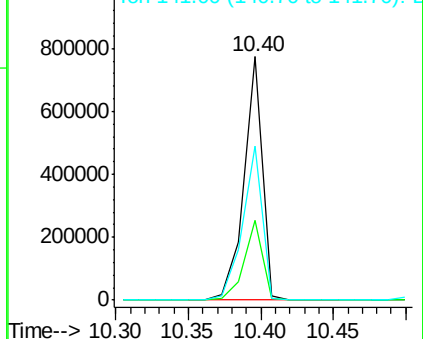
204 100

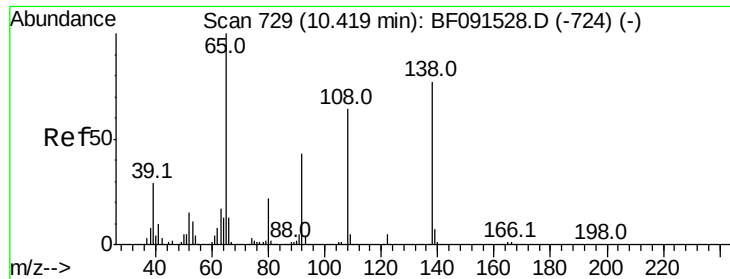
206 32.9 26.1 39.1

141 63.3 40.6 61.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





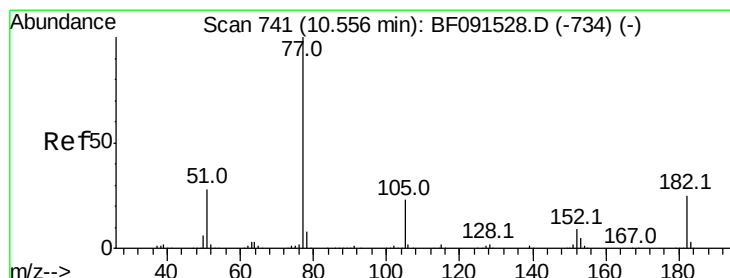
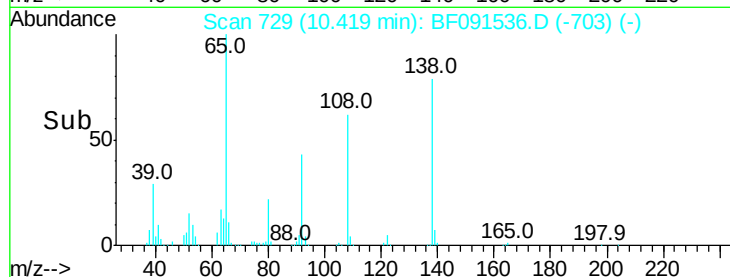
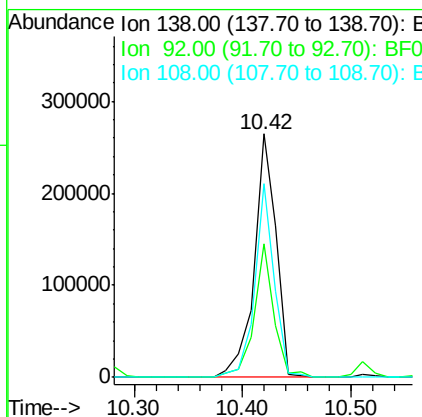
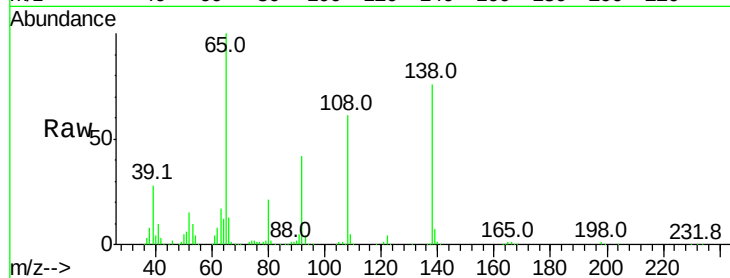
#61
4-Nitroaniline
Concen: 47.50 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.8	26.9	66.9
108	79.7	49.1	89.1

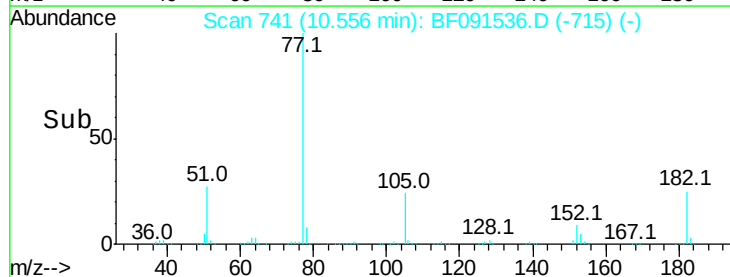
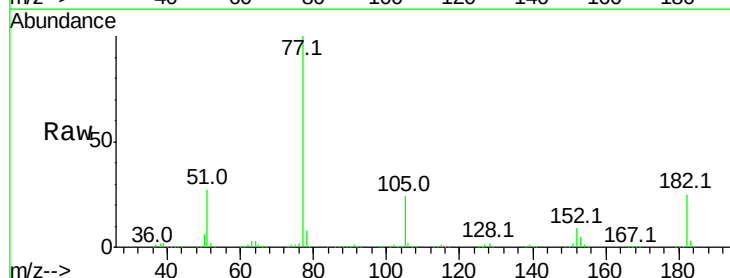
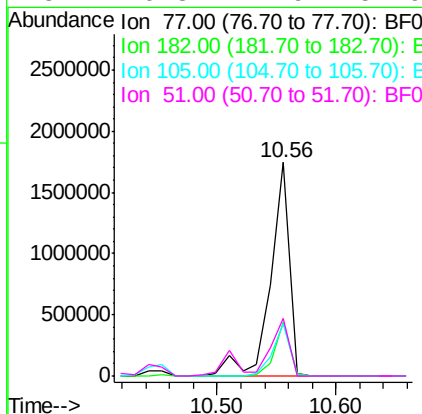
Manual Integrations
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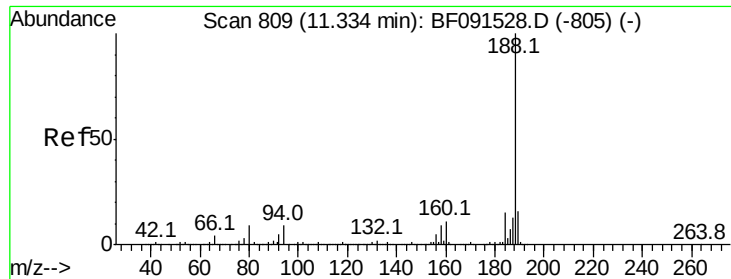
sohil
12/12/2016 6:49:48 PM



#62
Azobenzene
Concen: 58.29 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	12.5	52.5
105	24.3	3.7	43.7
51	26.8	11.9	51.9





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:188 Resp: 1473459

Ion Ratio Lower Upper

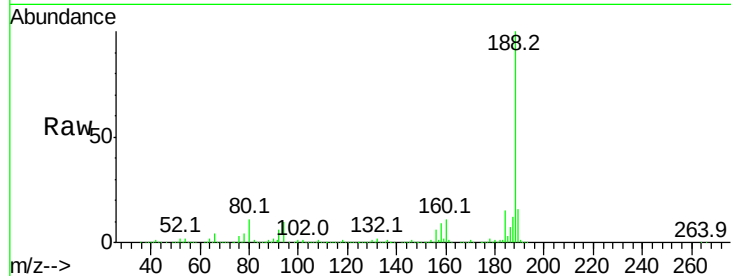
188 100

94 10.2 9.2 13.8

80 11.1 10.5 15.7

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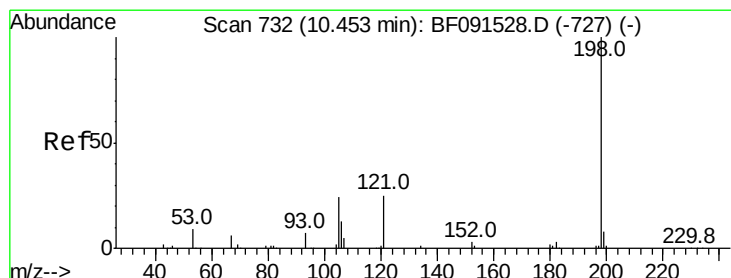
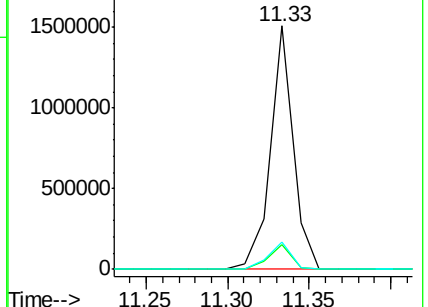
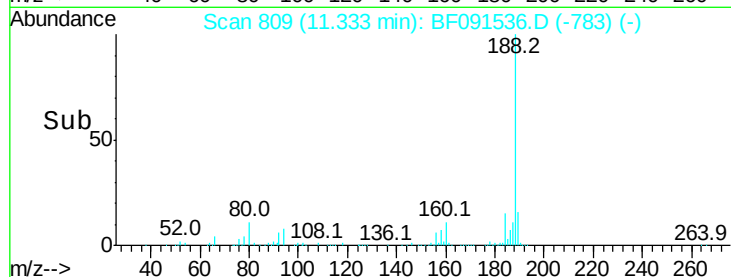
sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 60.40 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

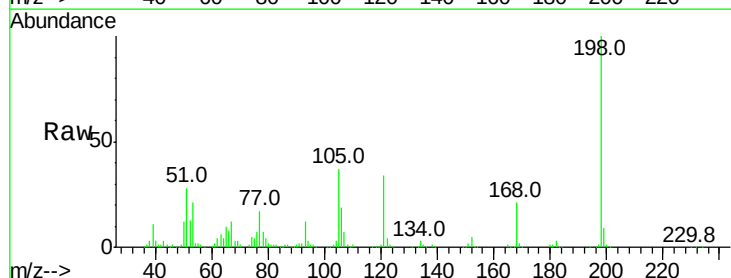
Tgt Ion:198 Resp: 259848

Ion Ratio Lower Upper

198 100

51 27.9 77.1 117.1#

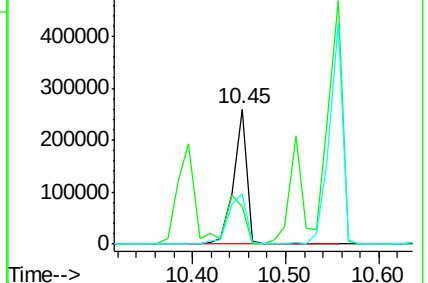
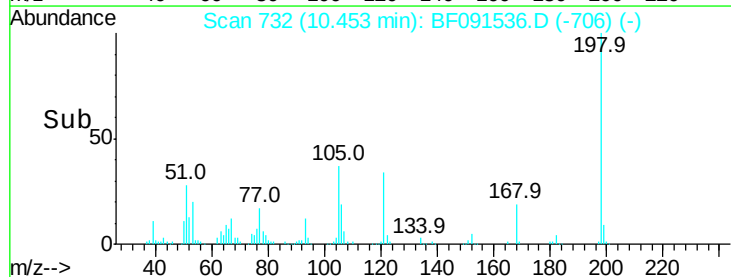
105 37.3 44.8 84.8#

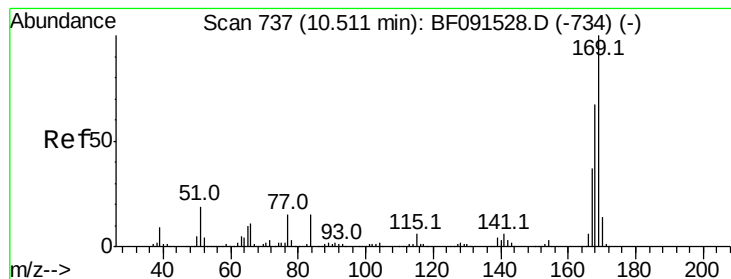


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





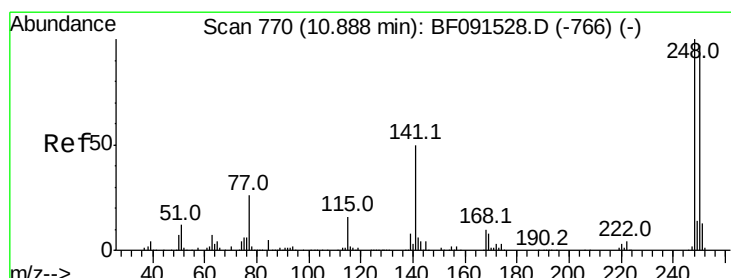
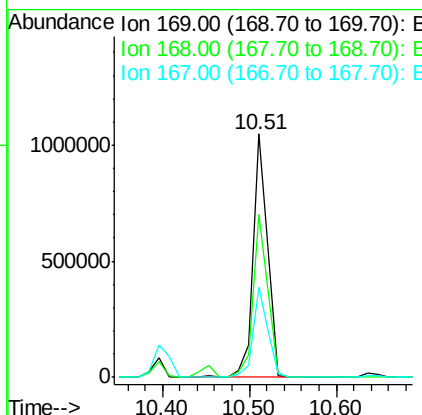
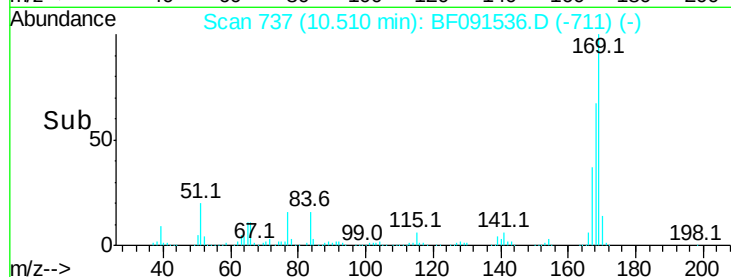
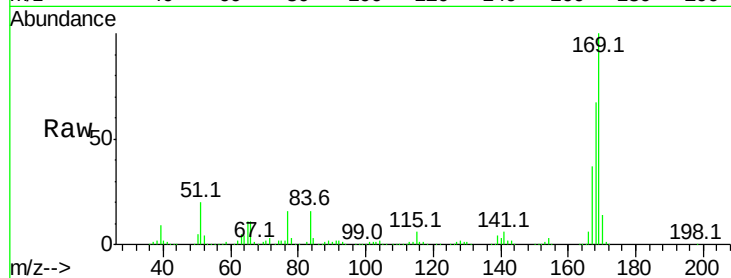
#65
n-Nitrosodiphenylamine
Concen: 56.18 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampleId :
PB95122BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.8
167	37.1	29.8	44.8

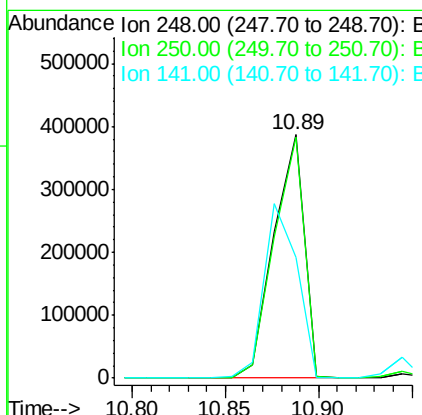
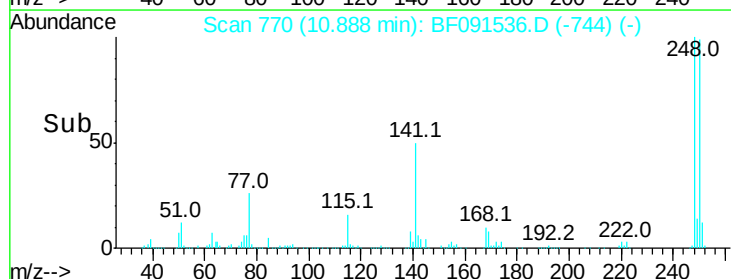
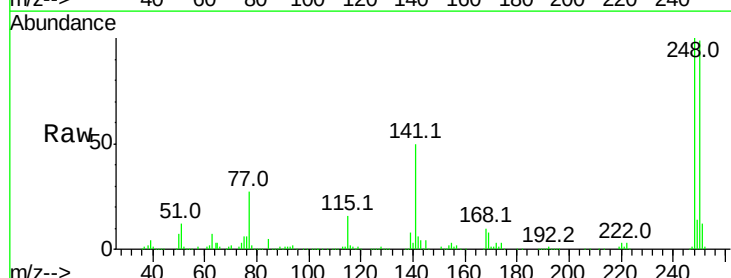
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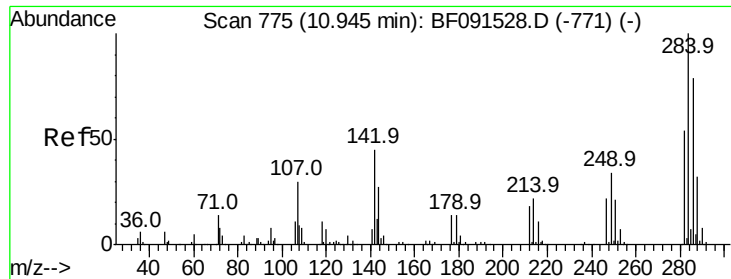
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#66
4-Bromophenyl-phenylether
Concen: 58.42 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.2	117.4
141	49.7	71.9	107.9#





#67

Hexachlorobenzene

Concen: 52.73 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:284 Resp: 414117
Ion Ratio Lower Upper

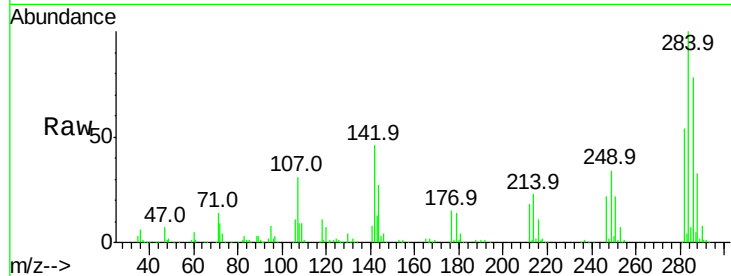
284 100

142 45.7 17.9 26.9#

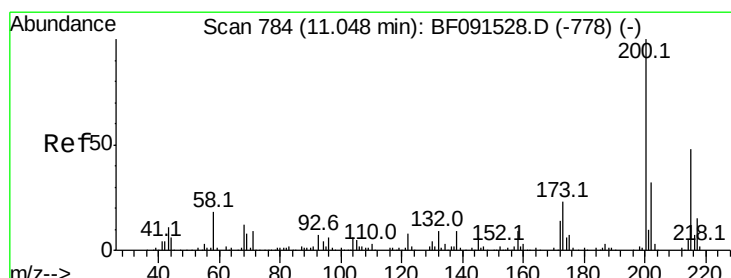
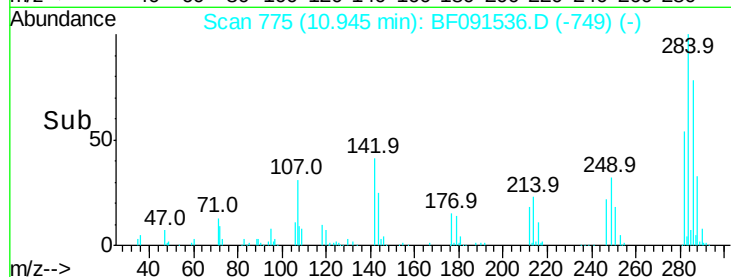
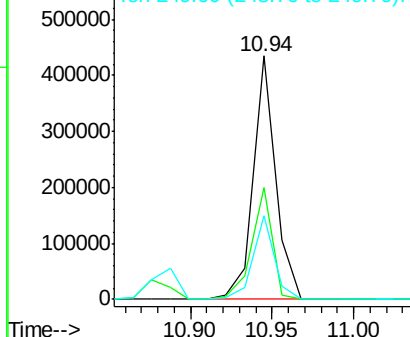
249 34.3 23.6 35.4

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 65.22 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF091536.D

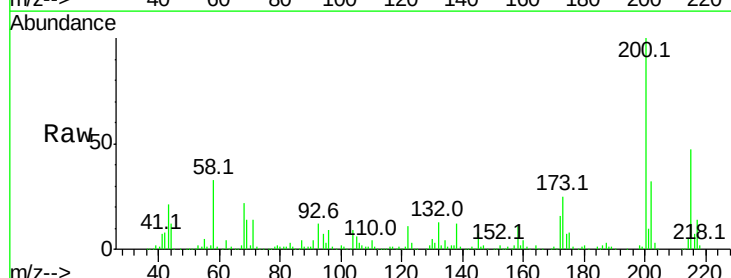
Acq: 9 Dec 2016 19:25

Tgt Ion:200 Resp: 460613
Ion Ratio Lower Upper

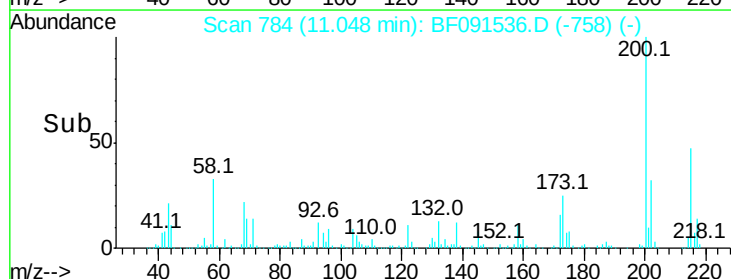
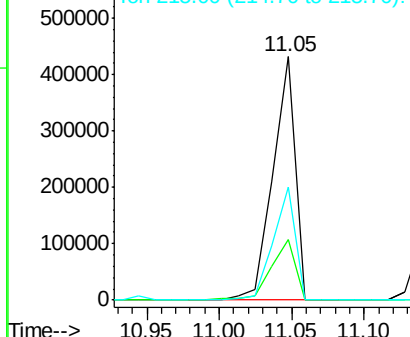
200 100

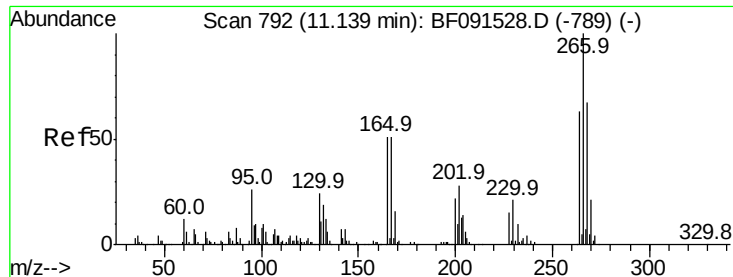
173 25.0 7.8 47.8

215 46.7 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





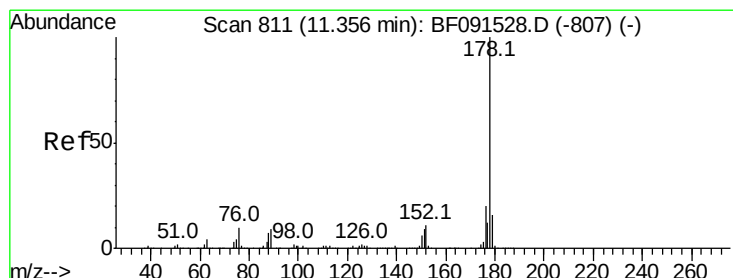
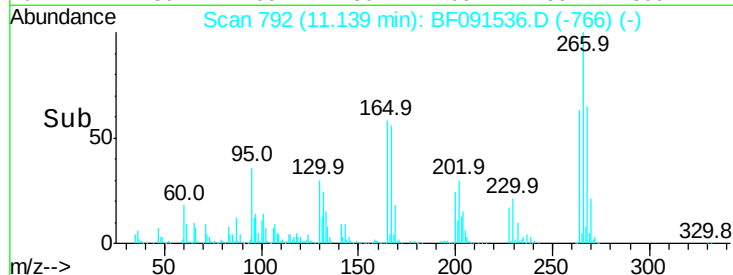
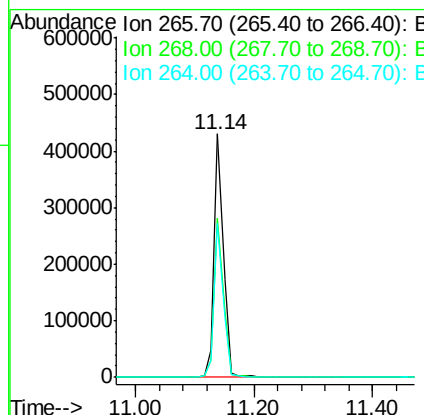
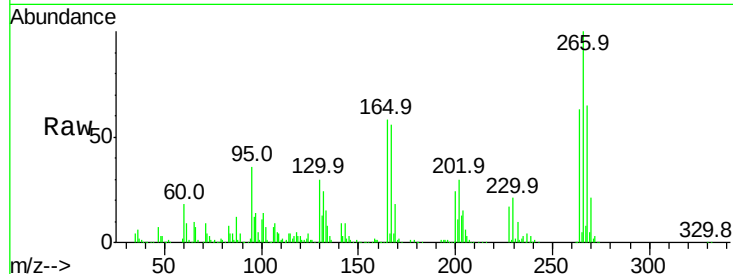
#69
 Pentachlorophenol
 Concen: 106.53 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleID :
 PB95122BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.4	50.3	75.5	
264	63.2	48.2	72.2	

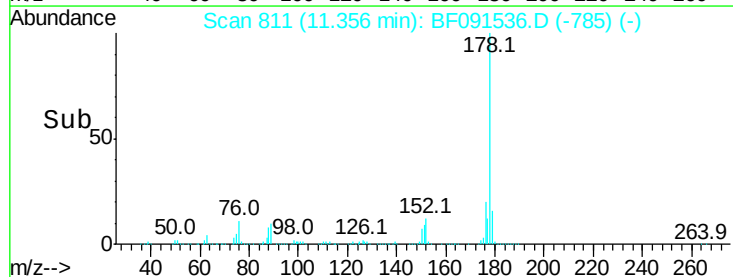
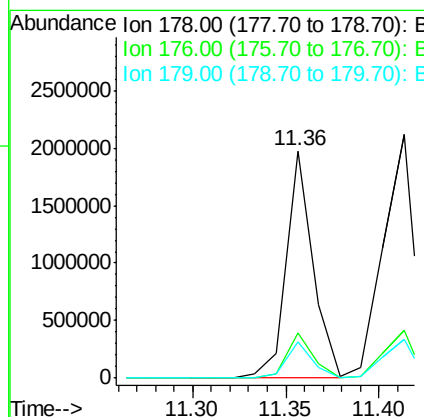
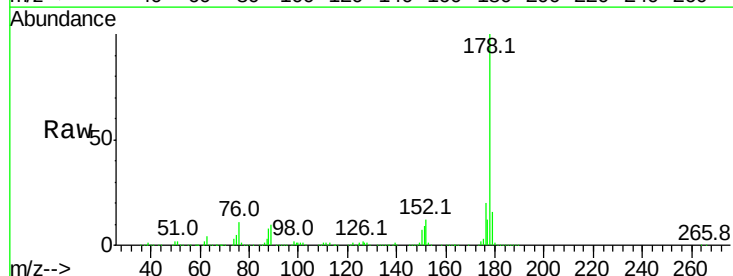
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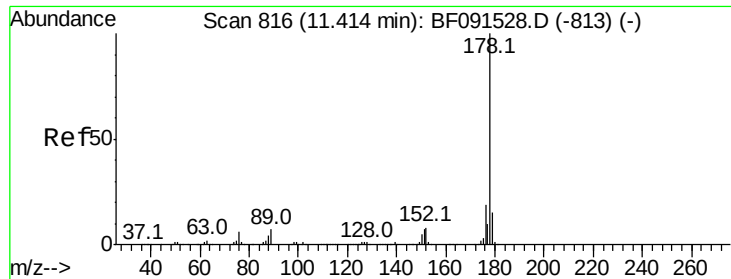
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#70
 Phenanthrene
 Concen: 53.88 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.2	15.9	23.9	
179	16.2	12.6	18.8	





#71
 Anthracene
 Concen: 58.90 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

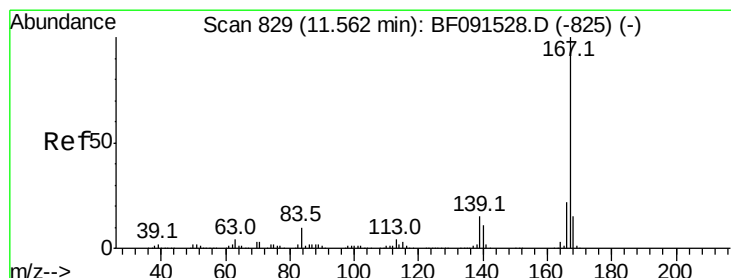
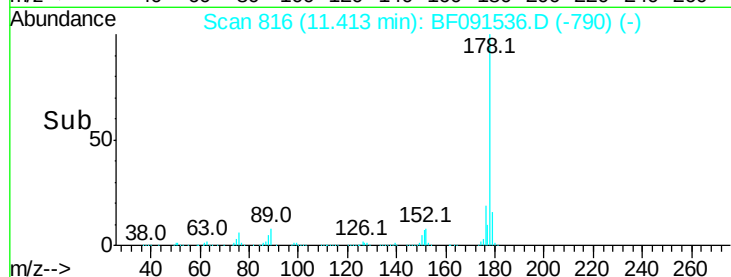
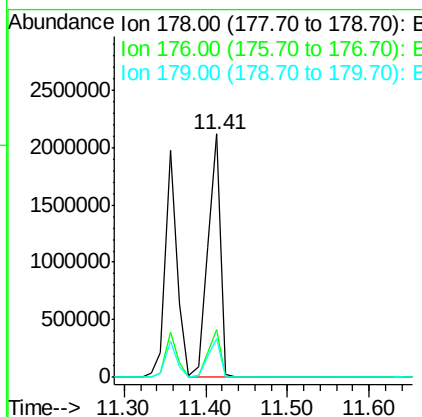
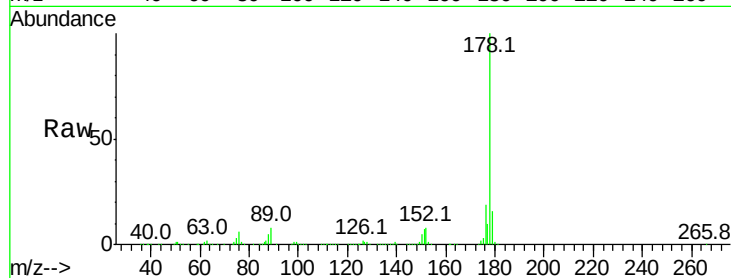
Instrument :
 BNA_F
 ClientSampled :
 PB95122BS

Tot Ion:178 Resp: 2317921

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.0	12.7	19.1

Manual Integrations
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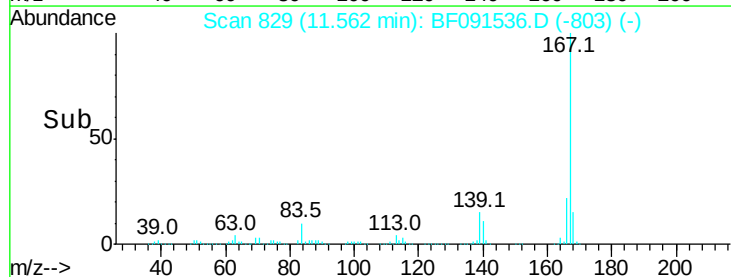
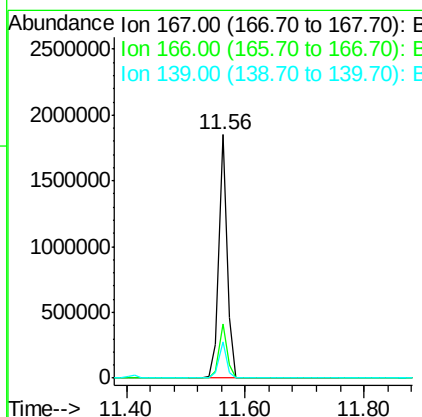
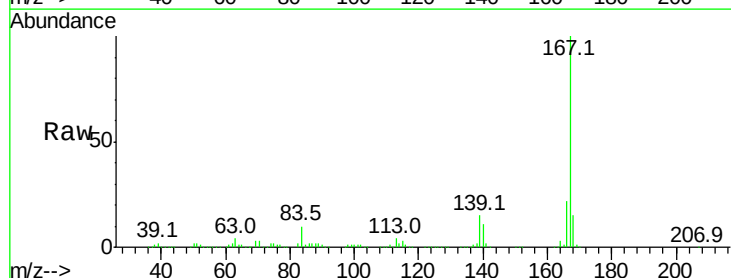
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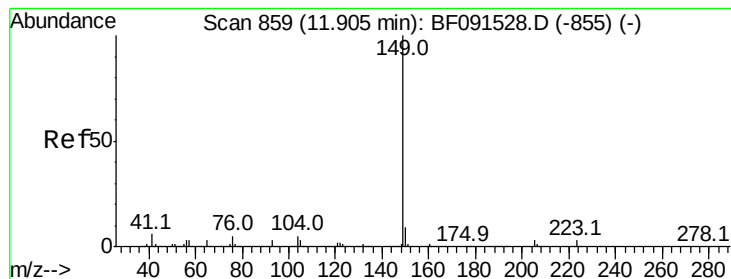


#72
 Carbazole
 Concen: 52.05 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:167 Resp: 1795260

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.8	11.5	17.3





#73

Di-n-butylphthalate

Concen: 61.66 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:149 Resp: 2478000

Ion Ratio Lower Upper

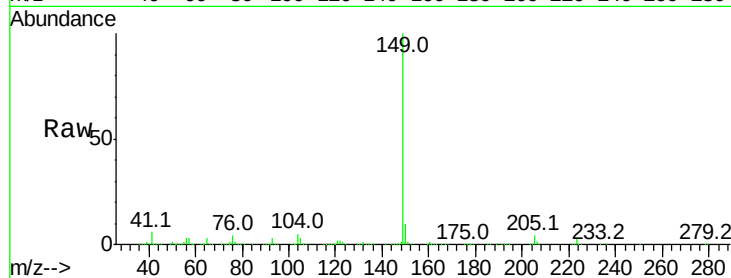
149 100

150 9.5 7.5 11.3

104 4.8 4.0 6.0

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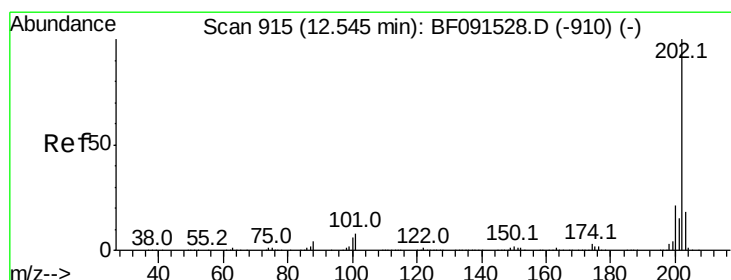
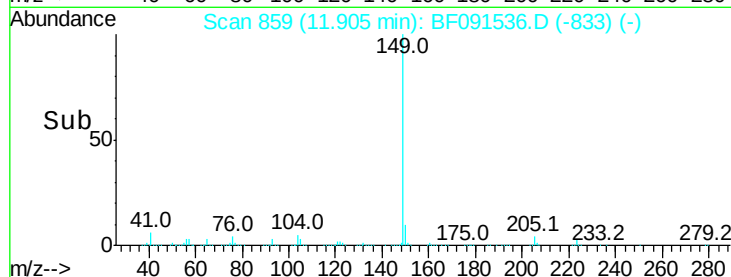
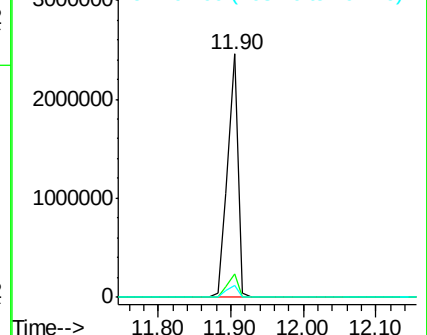
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 59.45 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

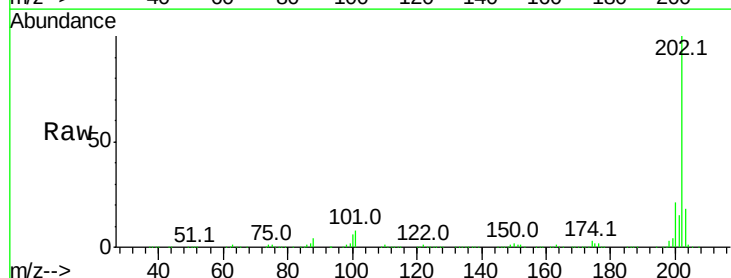
Tgt Ion:202 Resp: 2270867

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.5

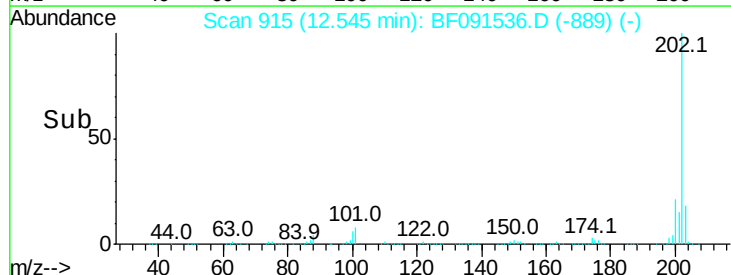
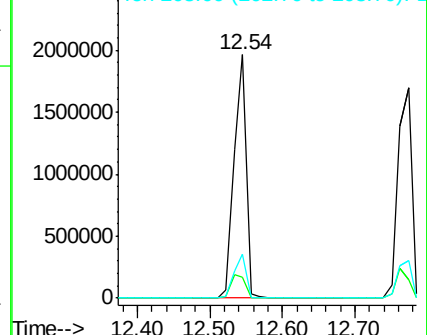
203 17.9 0.0 37.8

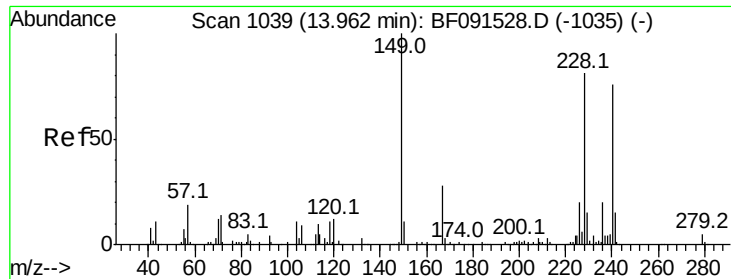


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:240 Resp: 1025390

Ion Ratio Lower Upper

240 100

120 17.1 12.1 18.1

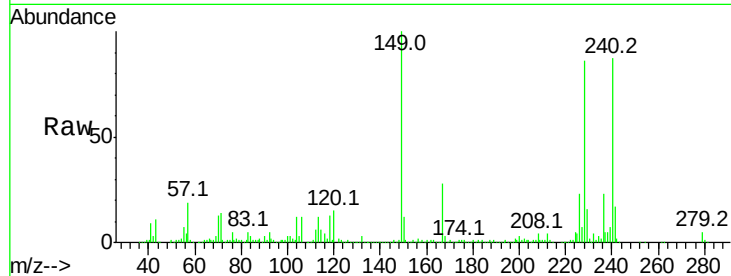
236 26.9 21.0 31.6

Manual Integrations

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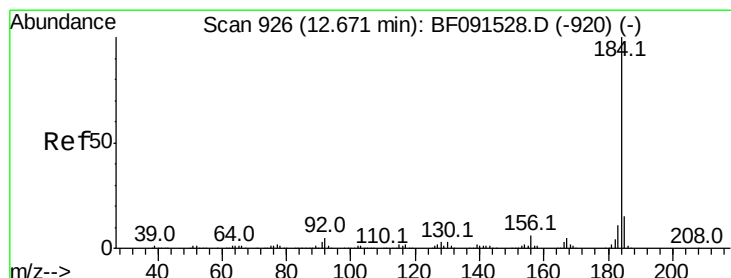
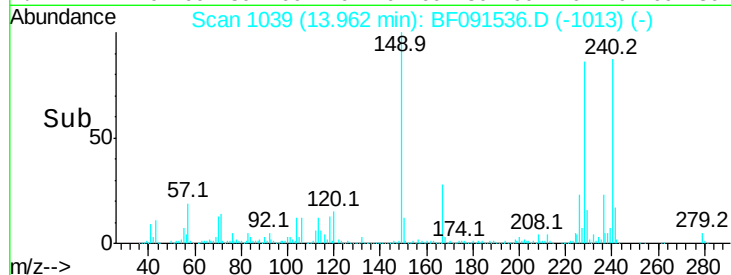
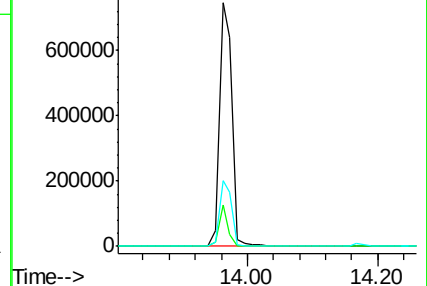
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.16 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

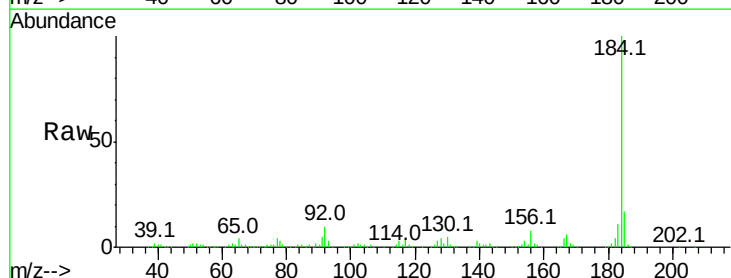
Tgt Ion:184 Resp: 573154

Ion Ratio Lower Upper

184 100

185 17.3 13.1 19.7

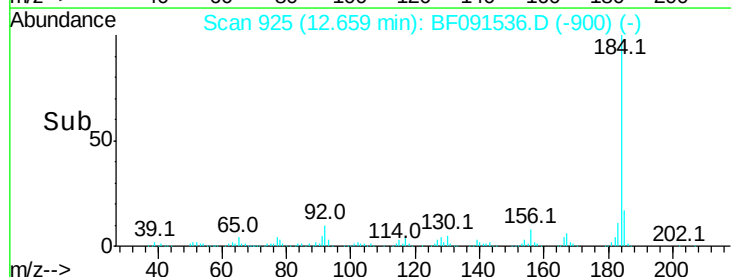
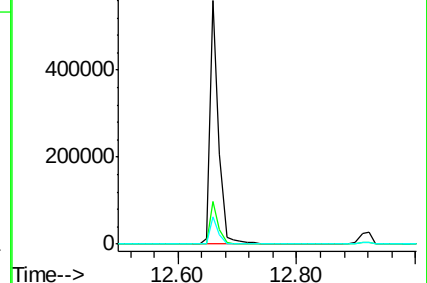
183 11.4 8.9 13.3

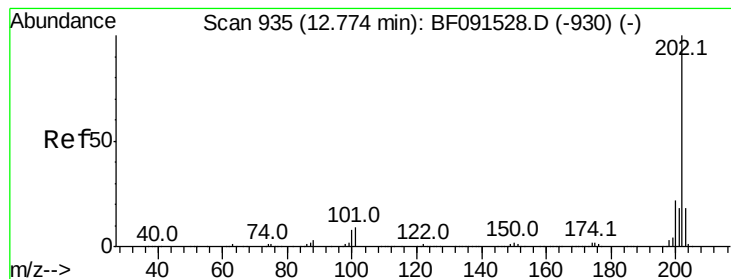


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.77 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:202 Resp: 2227797

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

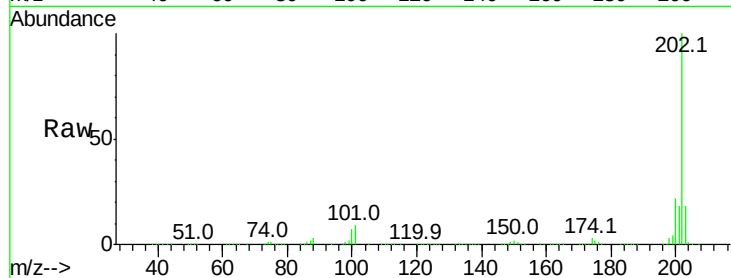
203 17.8 14.0 21.0

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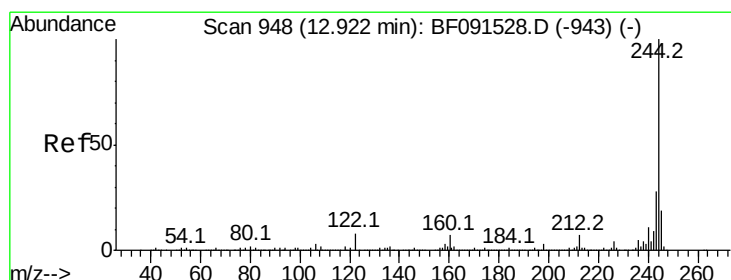
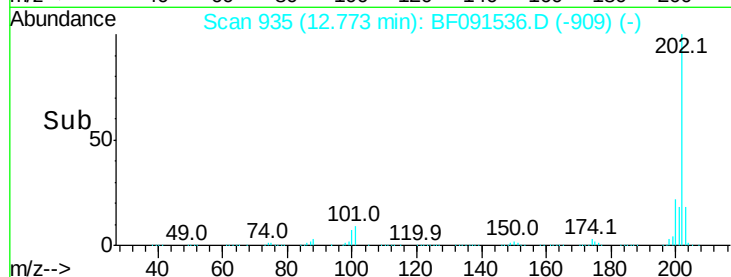
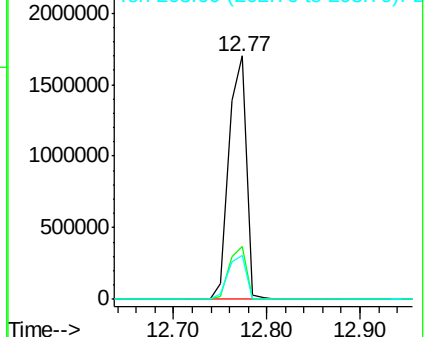
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 113.13 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

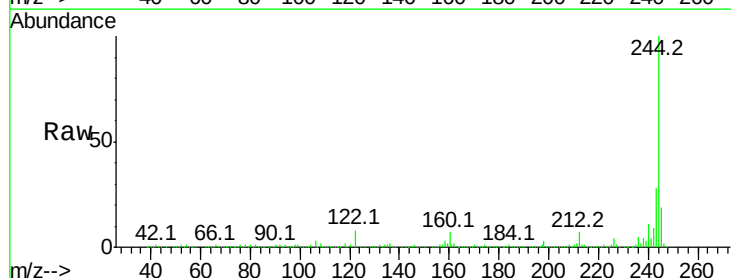
Tgt Ion:244 Resp: 2556097

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

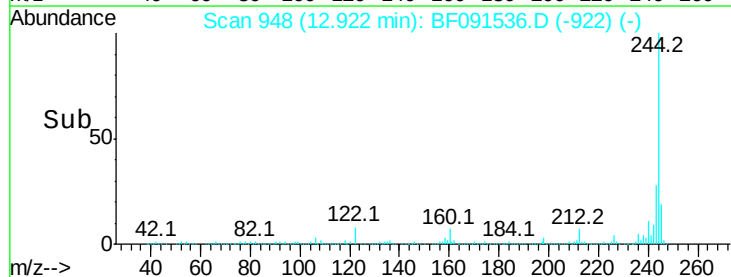
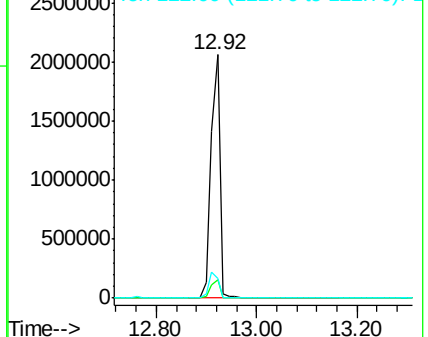
122 8.1 9.5 14.3#

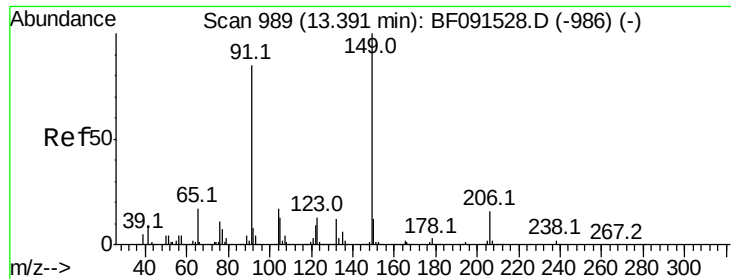


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.81 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:149 Resp: 916630

Ion Ratio Lower Upper

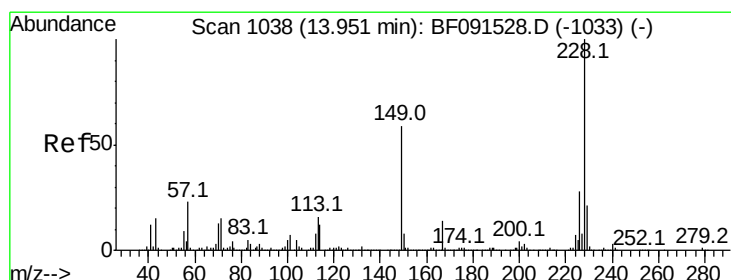
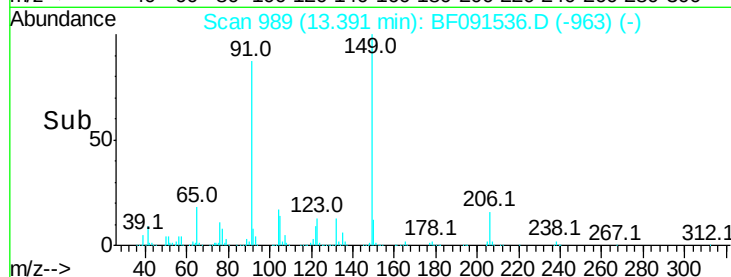
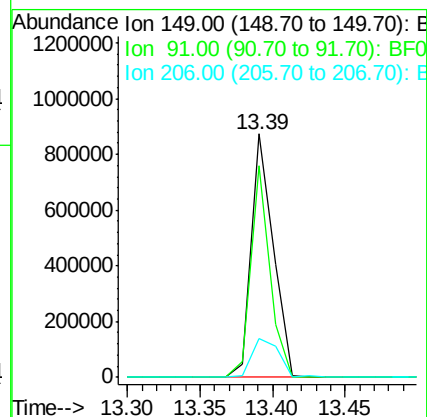
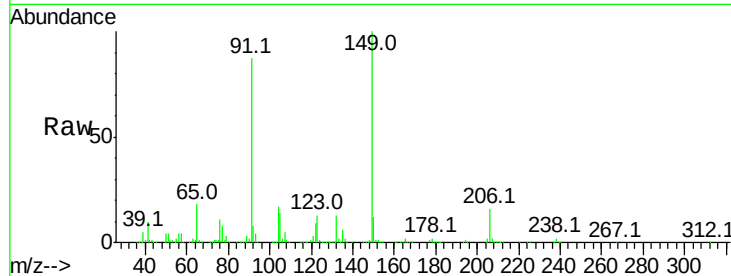
149 100

91 86.9 57.4 86.2#

206 16.0 15.4 23.2

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#80

Benzo(a)anthracene

Concen: 53.69 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

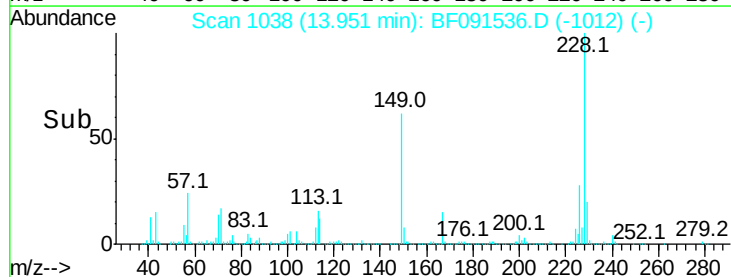
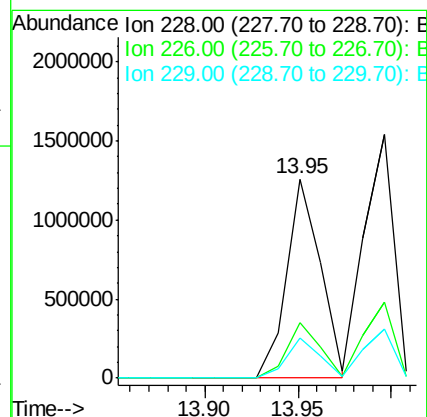
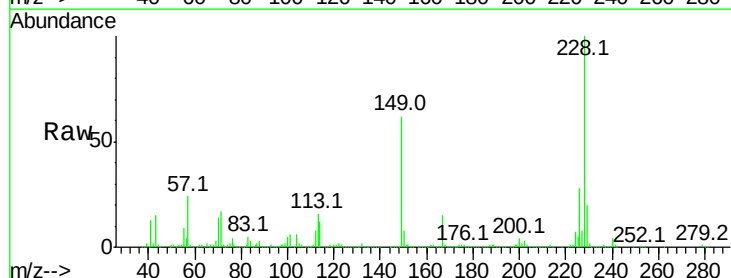
Tgt Ion:228 Resp: 1598490

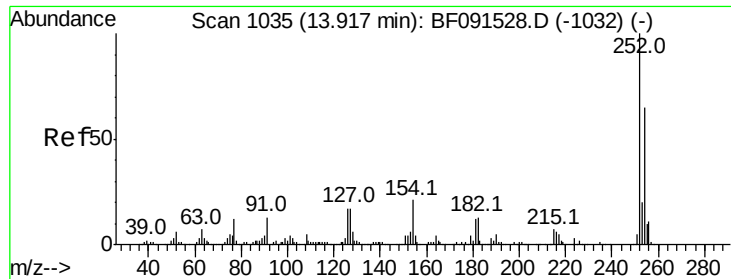
Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

229 20.1 16.4 24.6





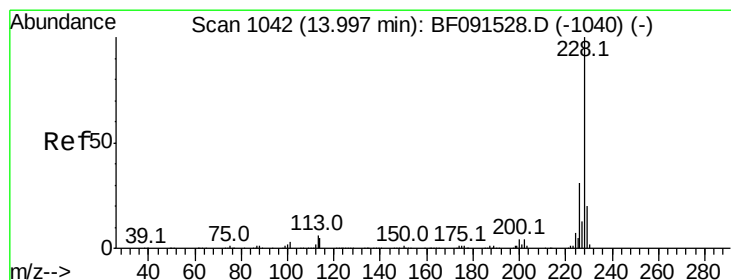
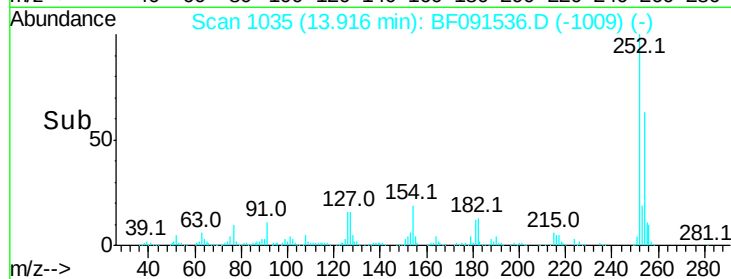
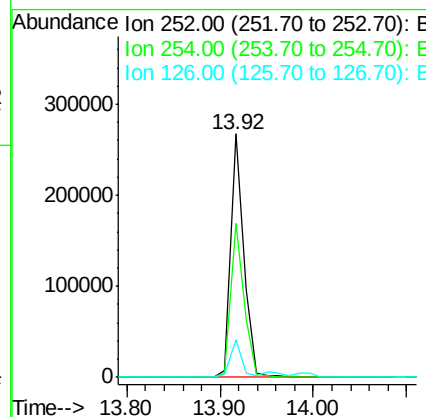
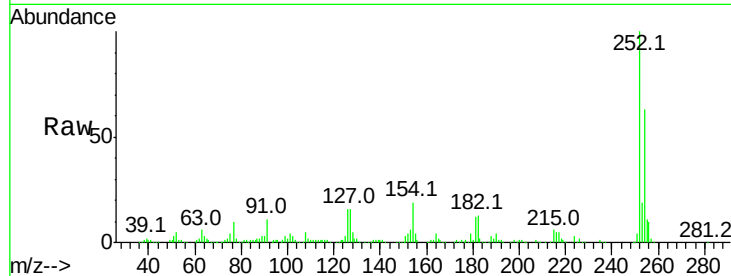
#81
 3,3'-Dichlorobenzidine
 Concen: 24.63 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampled :
 PB95122BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.1	78.1
126	15.5	7.5	11.3

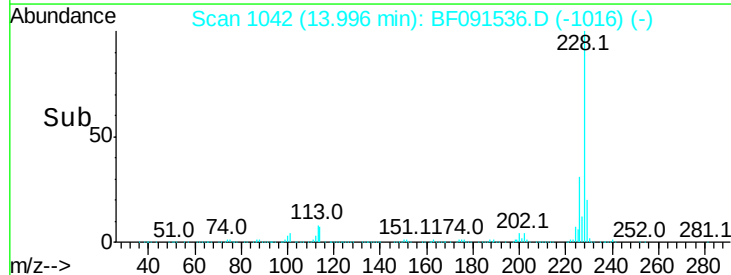
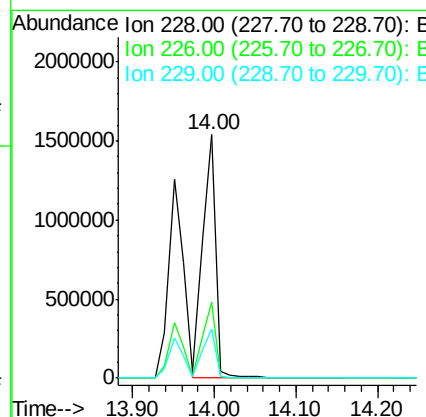
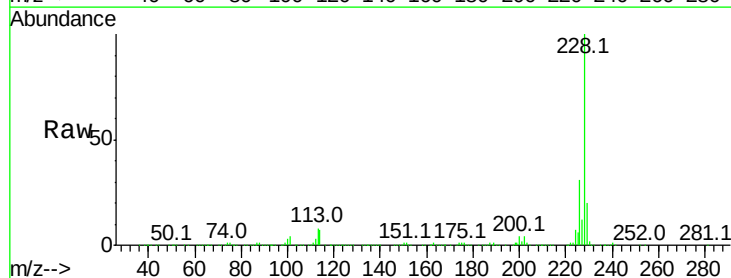
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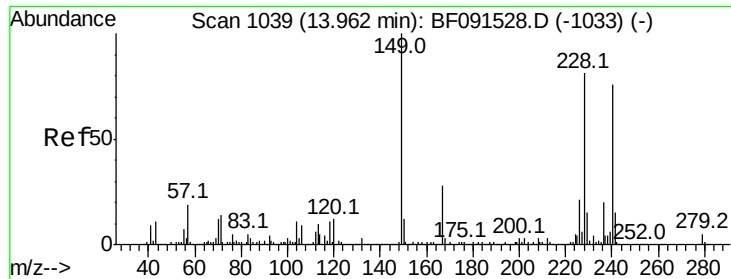
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#82
 Chrysene
 Concen: 55.59 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	20.4	16.0	24.0





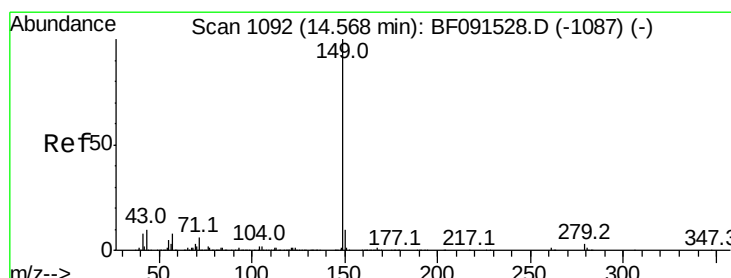
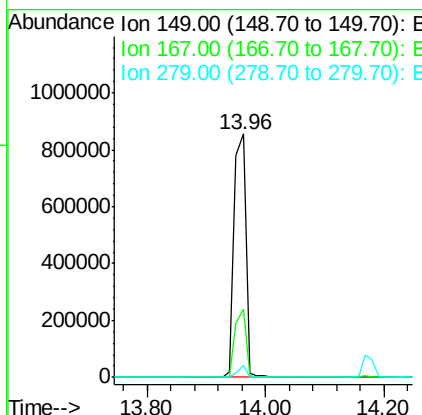
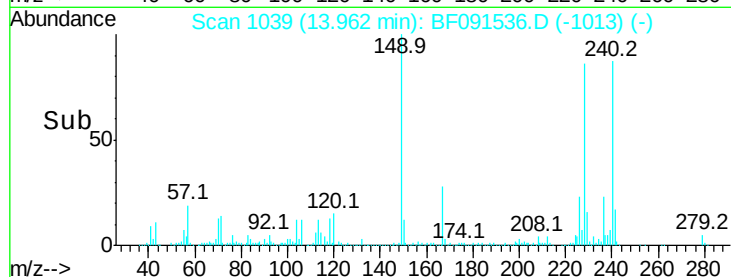
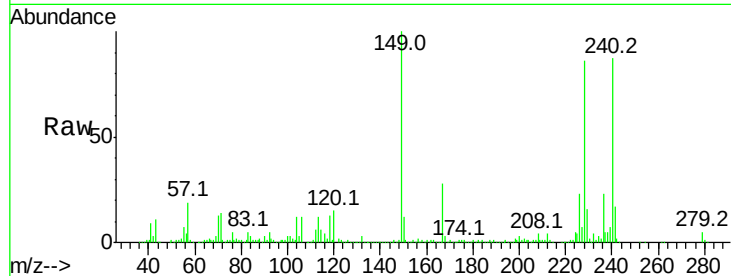
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.85 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion:149 Resp: 1156569
 Ion Ratio Lower Upper
 149 100
 167 28.3 19.6 29.4
 279 4.9 1.9 2.9#

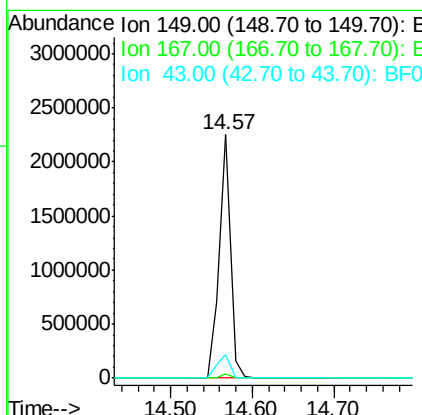
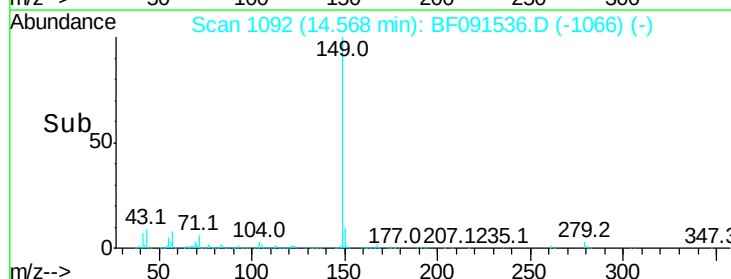
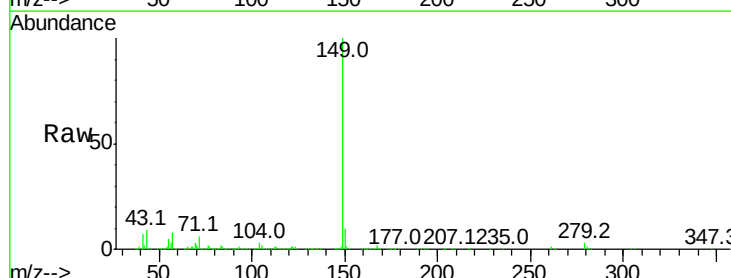
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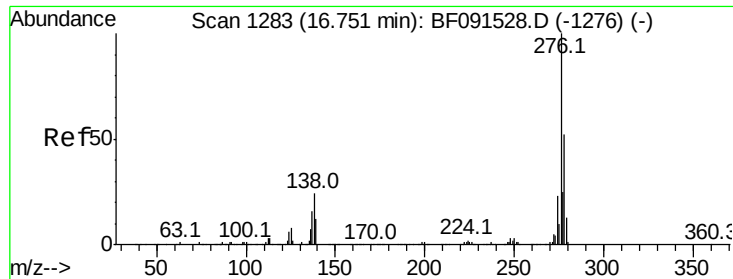
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#84
 Di-n-octyl phthalate
 Concen: 62.39 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion:149 Resp: 2154373
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 11.9 17.9#





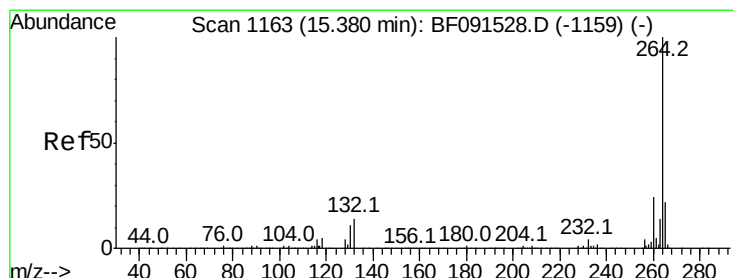
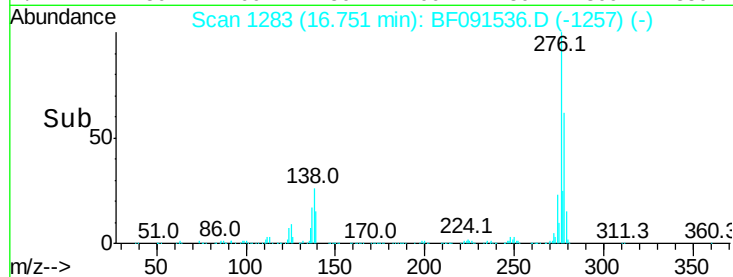
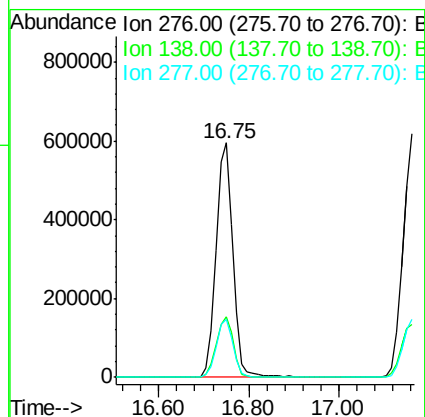
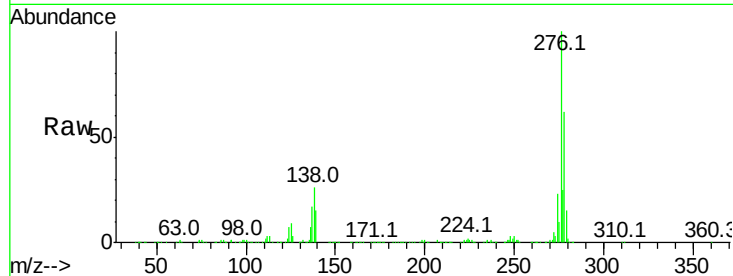
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.33 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.0	31.4
277	24.9	20.2	30.2

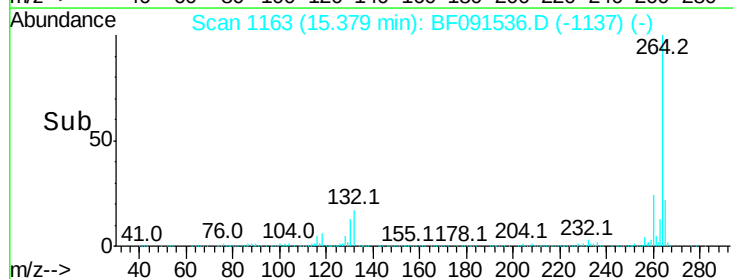
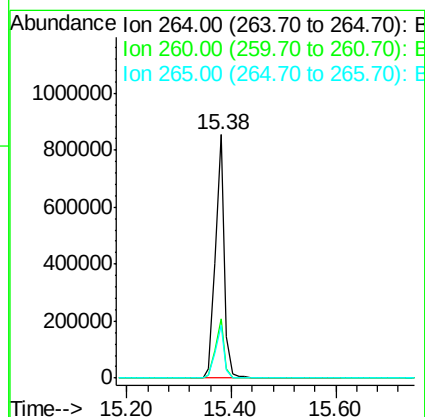
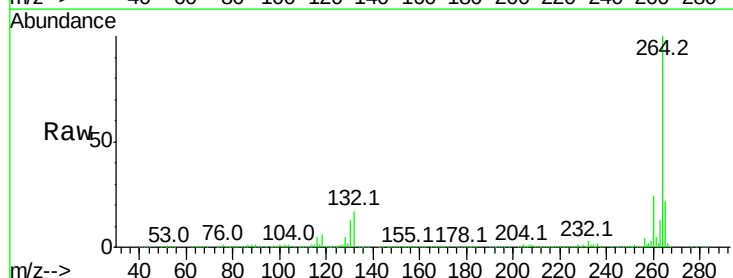
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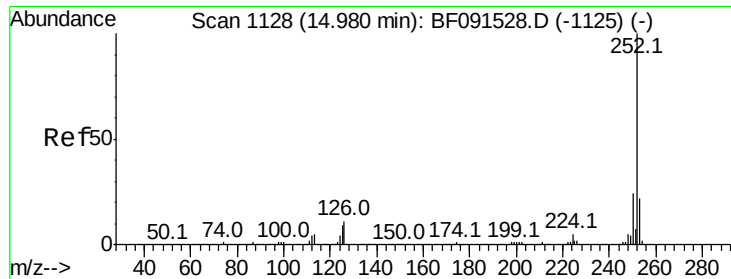
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.5	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 56.96 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Instrument :

BNA_F

ClientSampleId :

PB95122BS

Tot Ion:252 Resp: 1726306

Ion Ratio Lower Upper

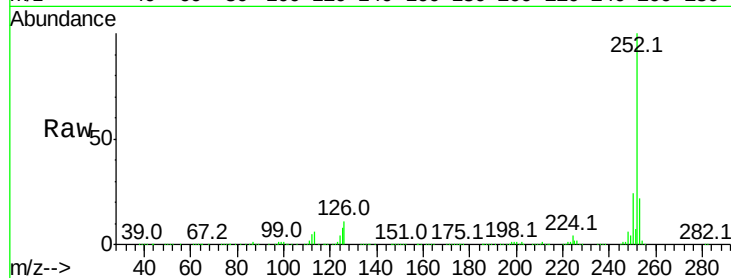
252 100

253 22.2 18.2 27.2

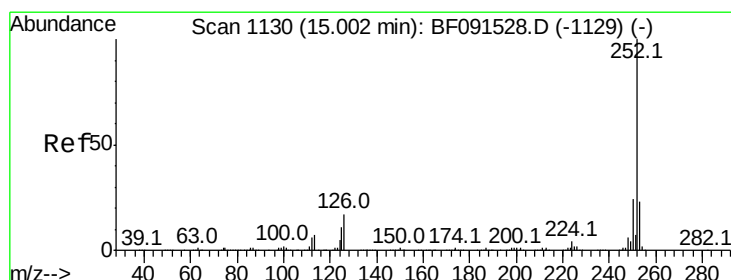
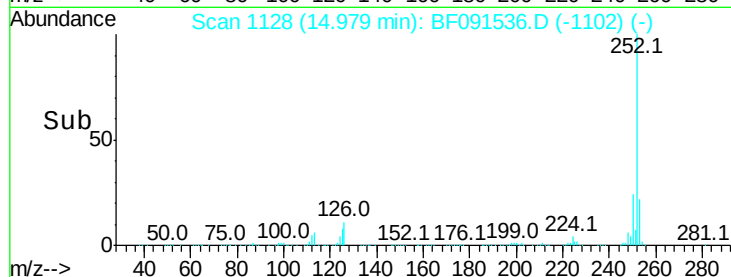
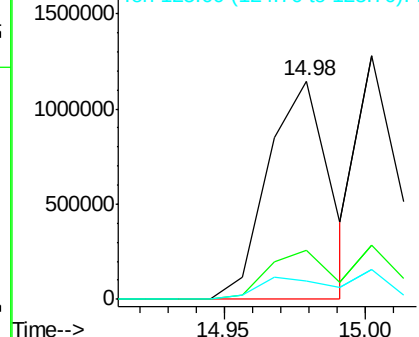
125 8.3 8.6 13.0#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.90 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF091536.D

Acq: 9 Dec 2016 19:25

Tgt Ion:252 Resp: 1276583

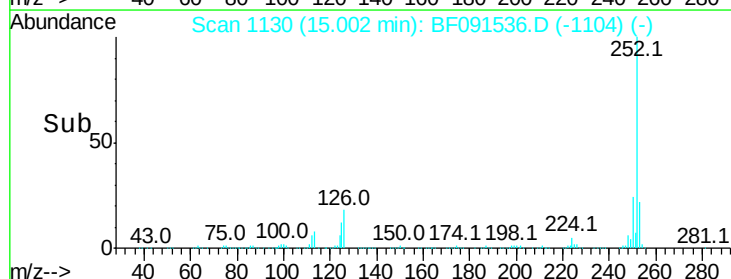
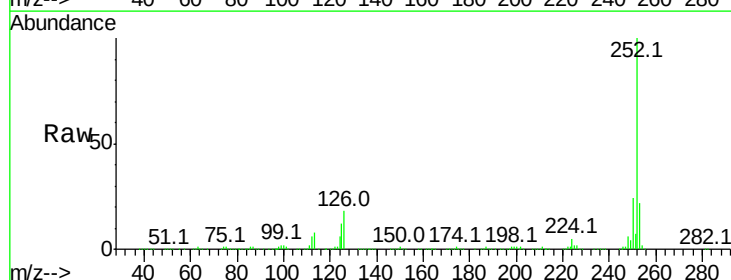
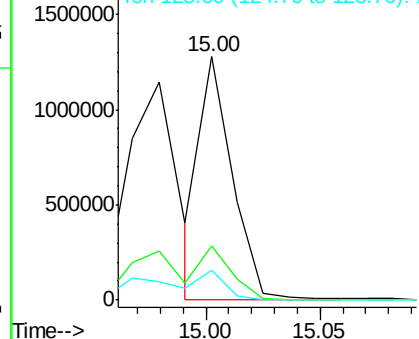
Ion Ratio Lower Upper

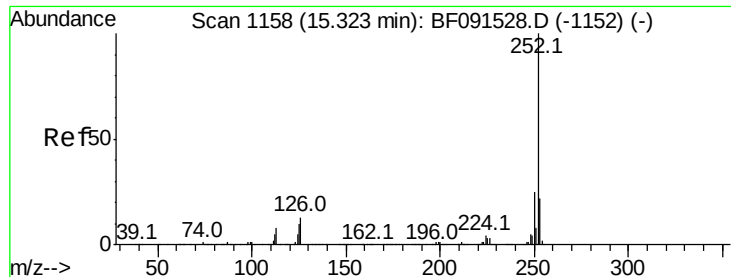
252 100

253 22.4 17.8 26.8

125 12.2 9.6 14.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





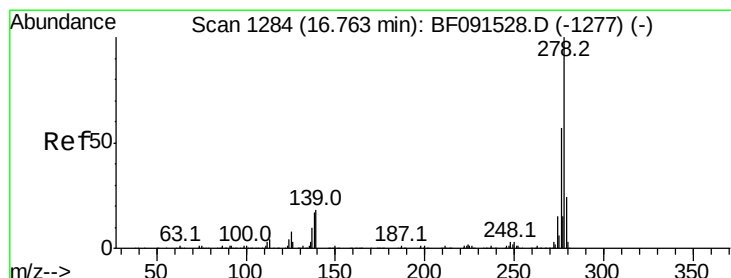
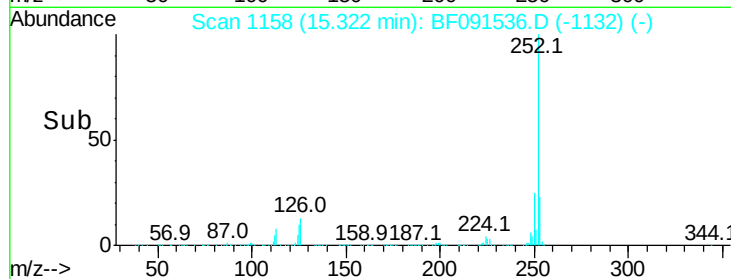
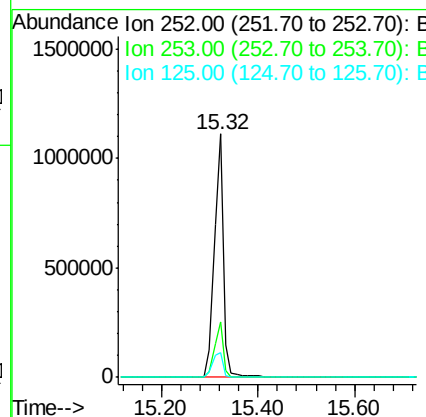
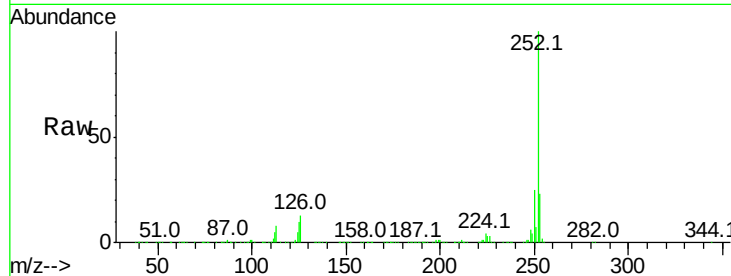
#89
Benzo(a)pyrene
Concen: 54.11 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Instrument :
BNA_F
ClientSampled :
PB95122BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.1	10.4	15.6

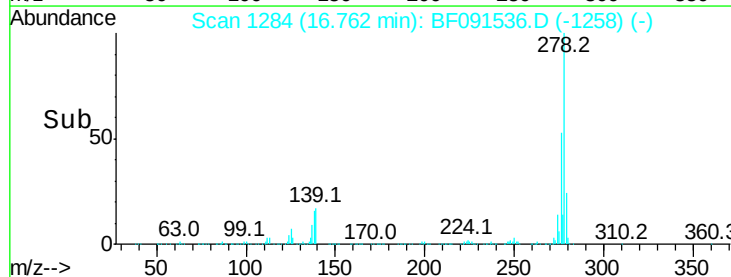
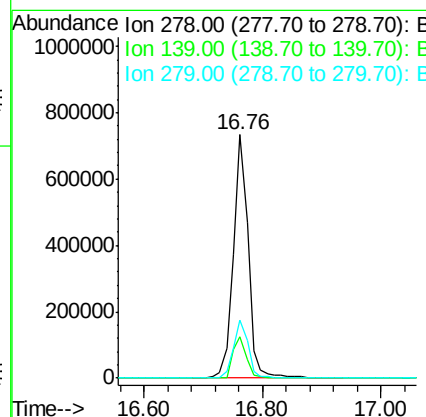
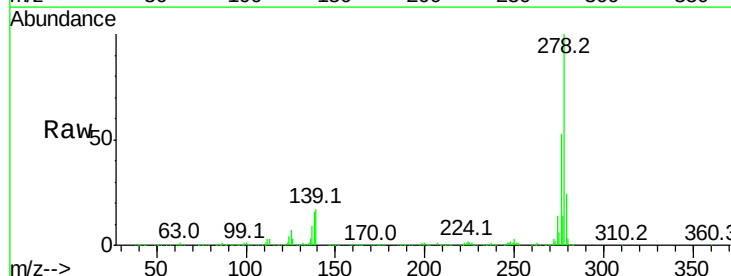
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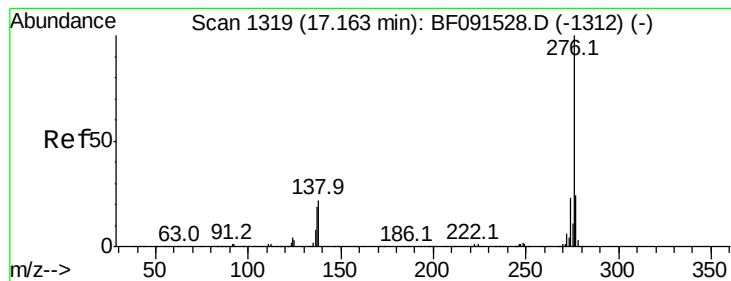
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#90
Dibenzo(a,h)anthracene
Concen: 51.71 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF091536.D
Acq: 9 Dec 2016 19:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.1	22.7
279	23.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 52.42 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF091536.D
 Acq: 9 Dec 2016 19:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	21.5	15.4	23.0

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