

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091537.D
 Acq On : 9 Dec 2016 19:53
 Operator : UM/SJ
 Sample : PB95122BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Manual Integrations
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 12/12/2016 6:49:52 PM

Quant Time: Dec 09 22:45:50 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	453010	40.00	ng	0.00
21) Naphthalene-d8	8.10	136	1809299	40.00	ng	0.00
38) Acenaphthene-d10	9.86	164	978772	40.00	ng	0.00
63) Phenanthrene-d10	11.33	188	1492492	40.00	ng	0.00
75) Chrysene-d12	13.96	240	1011291	40.00	ng	0.00
86) Perylene-d12	15.38	264	986969	40.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2179908	162.14	ng	0.01
7) Phenol-d6	6.46	99	2895819	172.77	ng	0.01
23) Nitrobenzene-d5	7.38	82	1846158	113.90	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	668019	164.34	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3066308	108.26	ng	0.00
78) Terphenyl-d14	12.92	244	2644589	118.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	329469	46.43	ng	88
3) Pyridine	3.18	79	989224	52.32	ng	# 80
4) n-Nitrosodimethylamine	3.14	42	444241	54.69	ng	# 64
6) Aniline	6.48	93	622478	28.33	ng	# 61
8) 2-Chlorophenol	6.60	128	854170	56.29	ng	96
9) Benzaldehyde	6.35	77	193978	16.82	ng	95
10) Phenol	6.48	94	1006136	51.34	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	895675	60.84	ng	87
12) 1,3-Dichlorobenzene	6.75	146	840359	51.07	ng	# 94
13) 1,4-Dichlorobenzene	6.83	146	869527	53.57	ng	97
14) 1,2-Dichlorobenzene	6.99	146	806430m	55.13	ng	
15) Benzyl Alcohol	6.96	79	709763	53.63	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1292599	56.66	ng	81
17) 2-Methylphenol	7.08	107	747304	59.52	ng	# 76
18) Hexachloroethane	7.33	117	343054	54.15	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	641633	61.22	ng	# 72
20) 3+4-Methylphenols	7.23	107	784557	55.46	ng	# 65
22) Acetophenone	7.23	105	1184069	54.63	ng	# 93
24) Nitrobenzene	7.40	77	1026820	59.96	ng	# 86
25) Isophorone	7.64	82	1723100	59.80	ng	100
26) 2-Nitrophenol	7.72	139	461120	61.01	ng	# 66
27) 2,4-Dimethylphenol	7.76	122	790537	59.55	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	1116465	66.06	ng	99
29) 2,4-Dichlorophenol	7.96	162	704106	60.96	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	728774	55.52	ng	99
31) Naphthalene	8.12	128	2315725	55.02	ng	99
32) Benzoic acid	7.89	122	524970	59.28	ng	94
33) 4-Chloroaniline	8.17	127	182618	10.07	ng	98
34) Hexachlorobutadiene	8.25	225	421913	56.07	ng	99
35) Caprolactam	8.54	113	228189m	67.65	ng	
36) 4-Chloro-3-methylphenol	8.66	107	741016	57.20	ng	100
37) 2-Methylnaphthalene	8.82	142	1596335	58.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	598863	44.62	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	731764	122.28	ng	98

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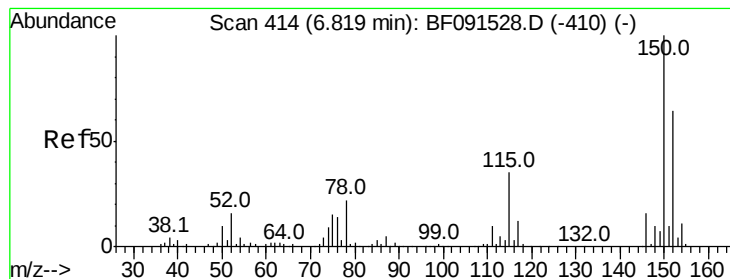
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	482500	55.95	nq	97
43) 2,4,5-Trichlorophenol	9.14	196	463546	52.30	nq #	92
45) 1,1'-Biphenyl	9.28	154	1737028	49.00	nq	99
46) 2-Chloronaphthalene	9.30	162	1336039	48.67	nq	98
47) 2-Nitroaniline	9.40	65	494500	53.57	nq	86
48) Acenaphthylene	9.72	152	2229051	53.27	nq	100
49) Dimethylphthalate	9.58	163	1631551	52.65	nq	98
50) 2,6-Dinitrotoluene	9.64	165	373298	54.89	nq	91
51) Acenaphthene	9.88	154	1600953	55.09	nq	97
52) 3-Nitroaniline	9.80	138	164074	20.54	nq	89
53) 2,4-Dinitrophenol	9.92	184	370113	108.54	nq #	86
54) Dibenzofuran	10.06	168	1967799	54.73	nq	93
55) 4-Nitrophenol	9.98	139	670865	112.86	nq #	57
56) 2,4-Dinitrotoluene	10.04	165	442204	51.87	nq #	58
57) Fluorene	10.40	166	1366120	48.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	386170	55.65	nq	90
59) Diethylphthalate	10.28	149	1580060	52.95	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	674454	52.17	nq #	85
61) 4-Nitroaniline	10.42	138	371616	46.80	nq	89
62) Azobenzene	10.56	77	1949737	57.66	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	266582	61.10	nq #	43
65) n-Nitrosodiphenylamine	10.51	169	1294315	58.18	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	450169	58.84	nq #	79
67) Hexachlorobenzene	10.94	284	415639	52.24	nq #	72
68) Atrazine	11.05	200	479025	66.96	nq	98
69) Pentachlorophenol	11.14	266	474136	105.90	nq	95
70) Phenanthrene	11.36	178	2009066	54.37	nq	99
71) Anthracene	11.41	178	2335708	58.60	nq	100
72) Carbazole	11.56	167	1787543	51.16	nq	99
73) Di-n-butylphthalate	11.90	149	2554365	62.75	nq	100
74) Fluoranthene	12.55	202	2324540	60.07	nq	99
76) Benzidine	12.66	184	620537	39.69	nq	98
77) Pyrene	12.77	202	2302305	57.39	nq	99
79) Butylbenzylphthalate	13.39	149	911808	58.31	nq	87
80) Benzo(a)anthracene	13.95	228	1600860	54.52	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	251640	23.86	nq #	98
82) Chrysene	14.00	228	1733063	56.41	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	1131931	56.42	nq	99
84) Di-n-octyl phthalate	14.57	149	2180634	64.03	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1544754	55.87	nq	99
87) Benzo(b)fluoranthene	14.98	252	1753914m	59.62	nq	
88) Benzo(k)fluoranthene	15.00	252	1266011m	48.94	nq	
89) Benzo(a)pyrene	15.32	252	1498000	56.52	nq #	96
90) Dibenzo(a,h)anthracene	16.76	278	1272870	53.61	nq	99
91) Benzo(g,h,i)perylene	17.16	276	1311696	54.29	nq	96

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



#1

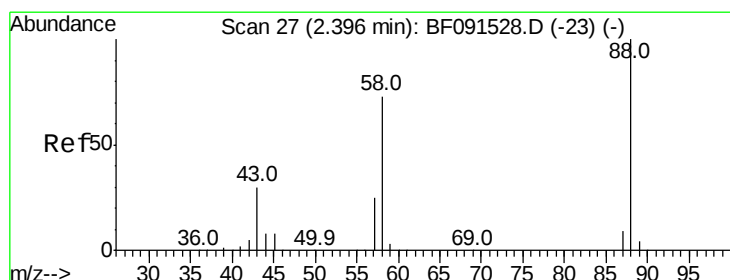
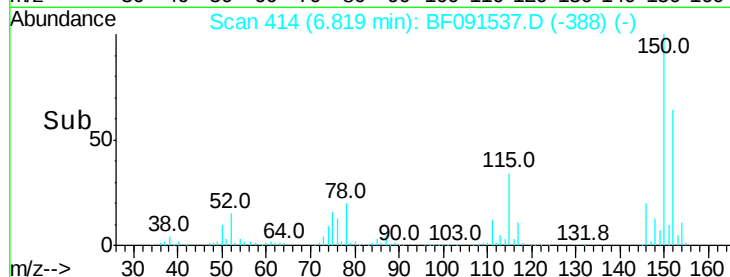
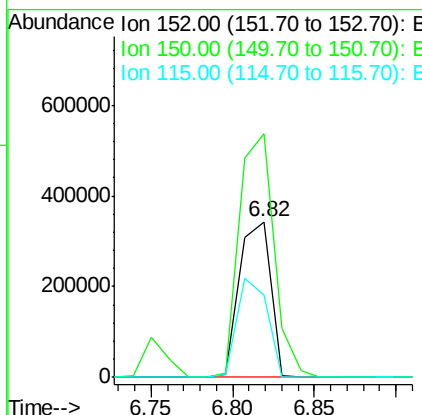
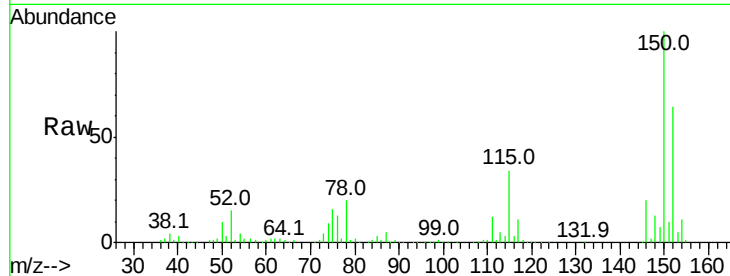
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.5	183.7
115	53.1	51.8	77.8

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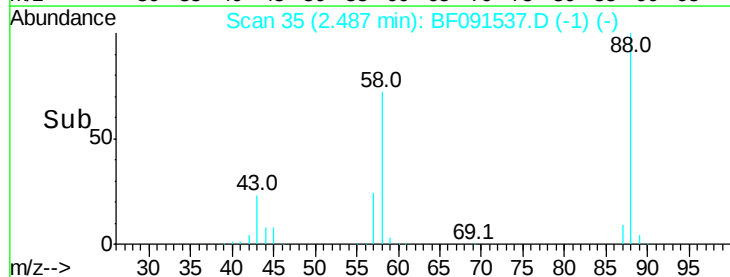
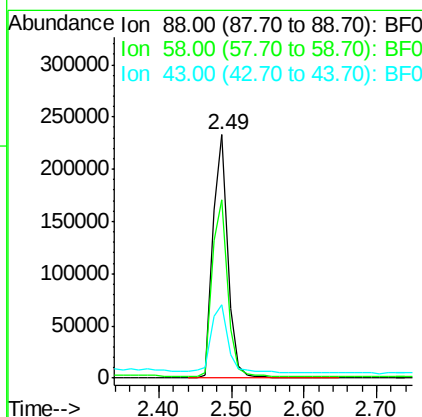
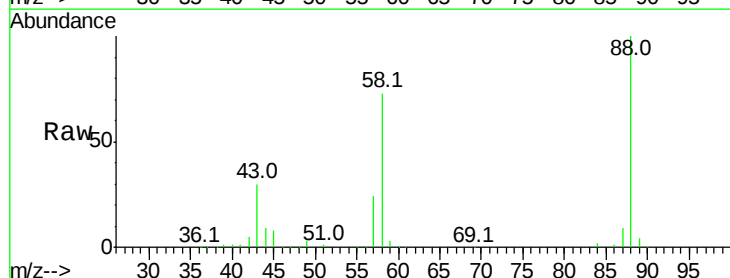
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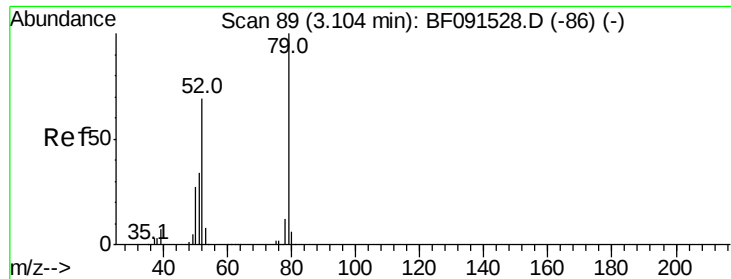


#2

1,4-Dioxane
Concen: 46.43 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.09 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	70.3	105.5
43	33.4	31.3	46.9





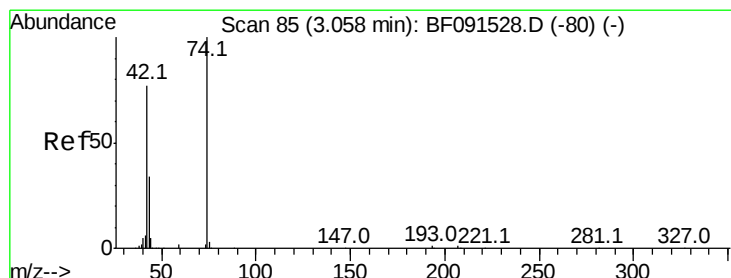
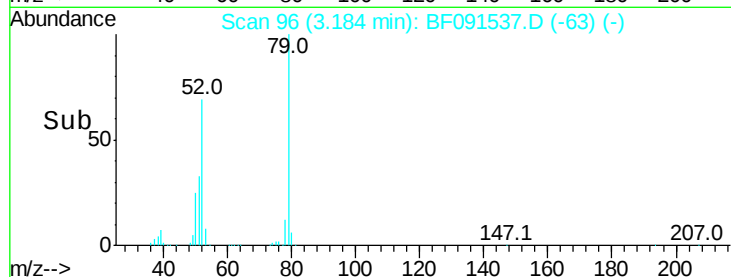
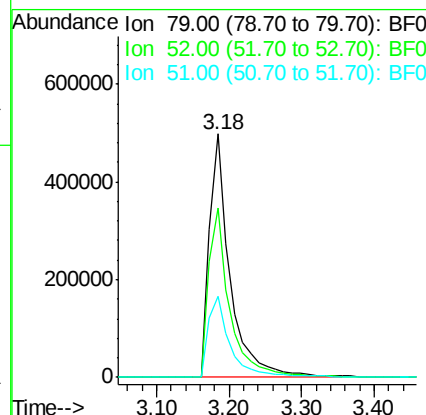
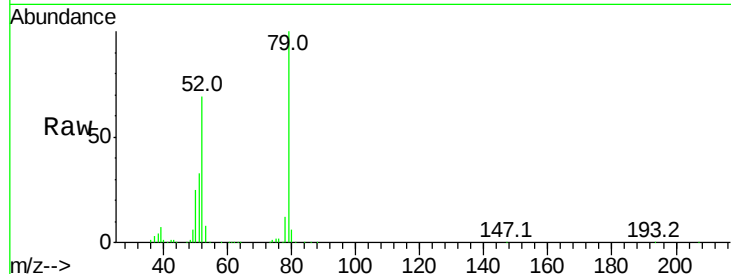
#3
 Pvridine
 Concen: 52.32 ng
 RT: 3.18 min Scan# 96
 Delta R.T. 0.08 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	69.3	71.0	106.4#		
51	33.2	37.0	55.4#		

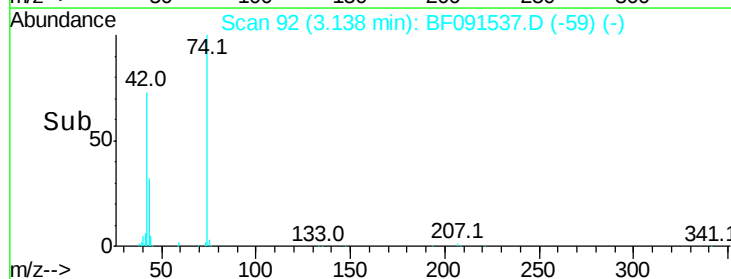
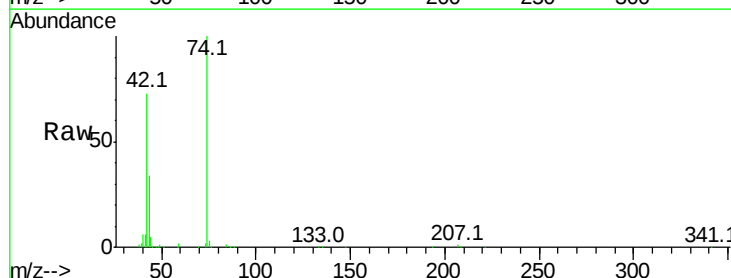
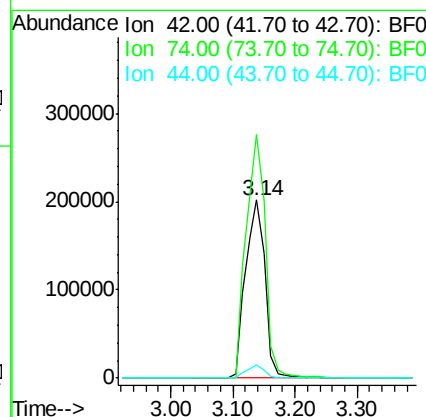
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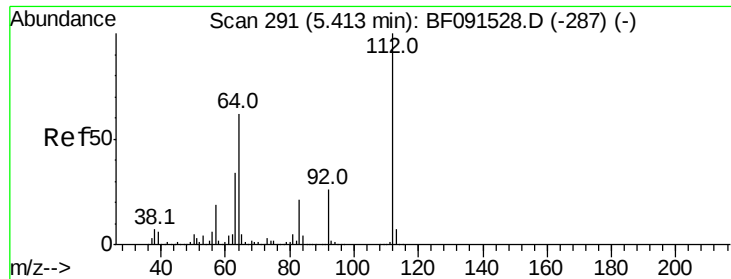
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#4
 n-Nitrosodimethylamine
 Concen: 54.69 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.08 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	136.7	78.9	118.3#		
44	7.1	5.8	8.6		





#5

2-Fluorophenol

Concen: 162.14 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:112 Resp: 2179908

Ion Ratio Lower Upper

112 100

64 67.4 61.5 92.3

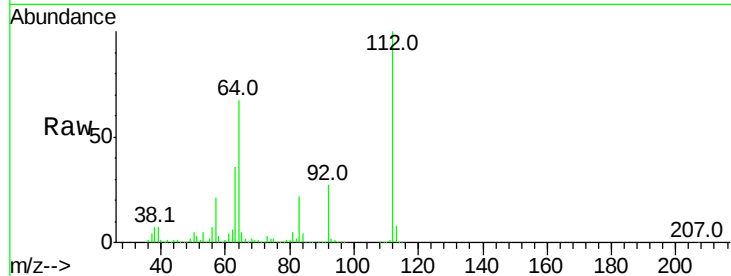
63 35.9 33.3 49.9

Manual Integrations

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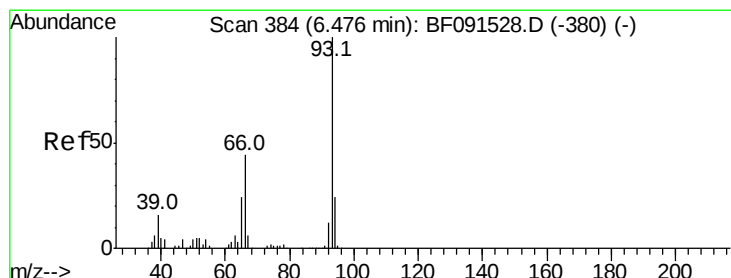
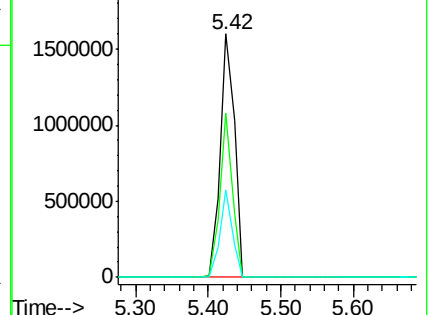
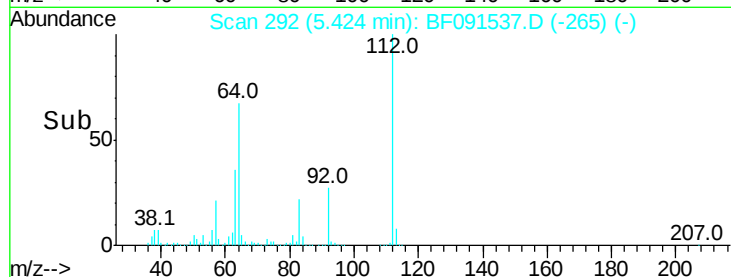
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.33 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

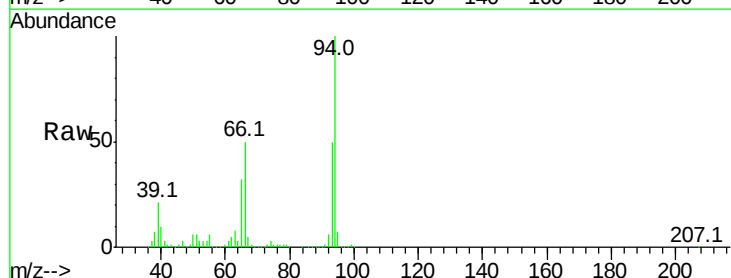
Tgt Ion: 93 Resp: 622478

Ion Ratio Lower Upper

93 100

66 99.3 55.8 83.6#

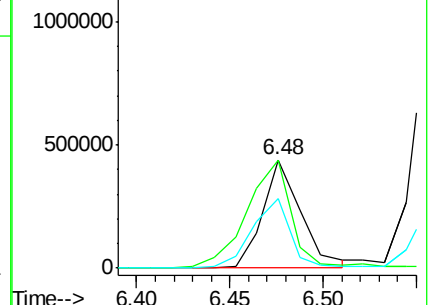
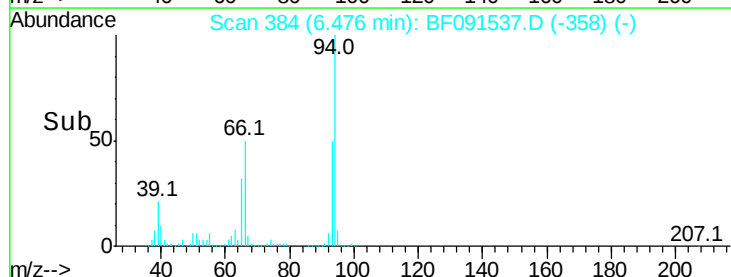
65 64.3 29.9 44.9#

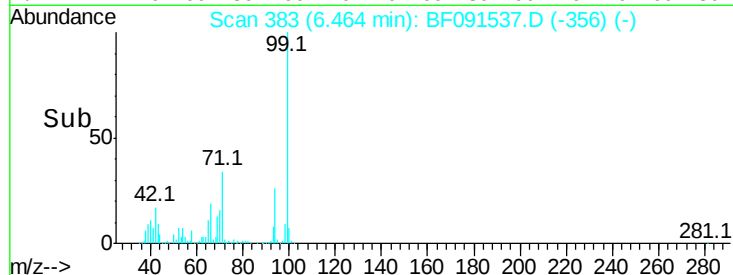
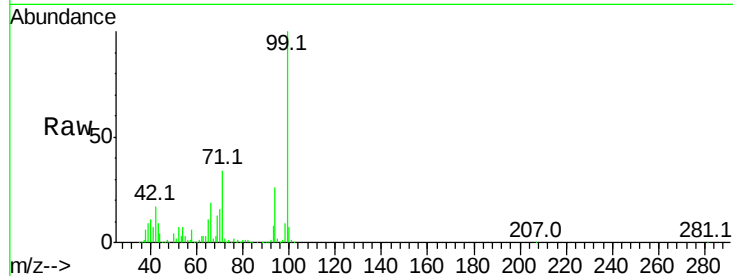
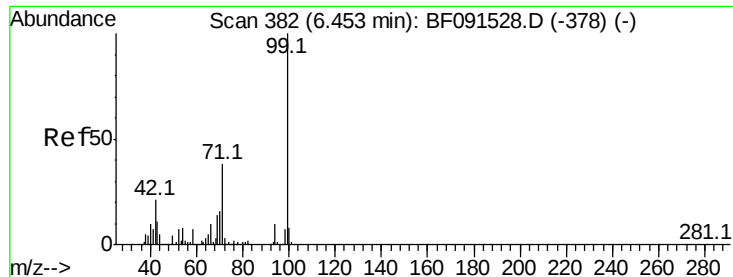


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 172.77 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tot Ion: 99 Resp: 2895819

Ion Ratio Lower Upper

99 100

42 17.3 20.6 31.0#

71 33.6 29.9 44.9

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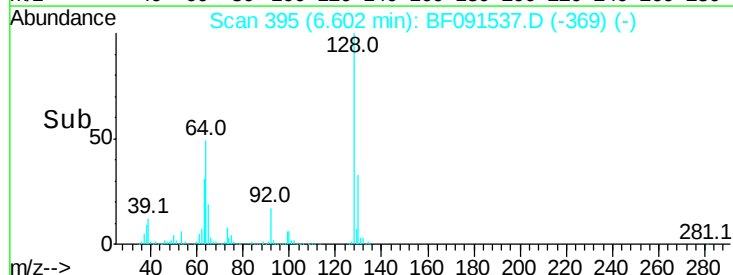
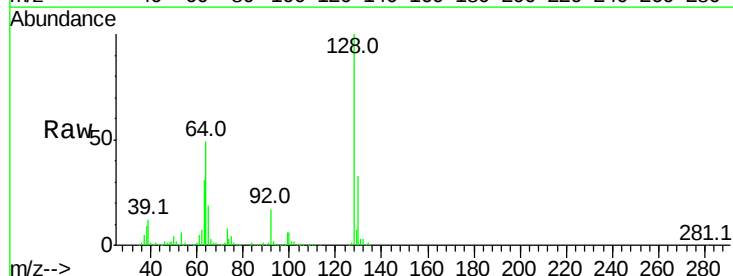
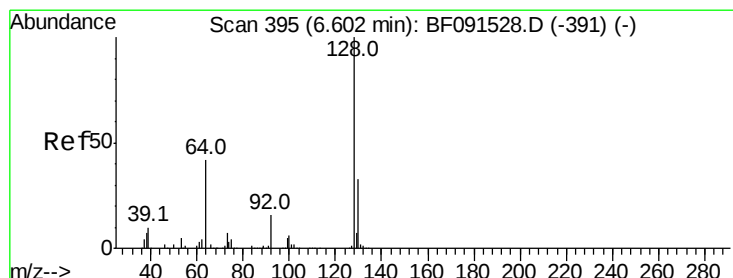
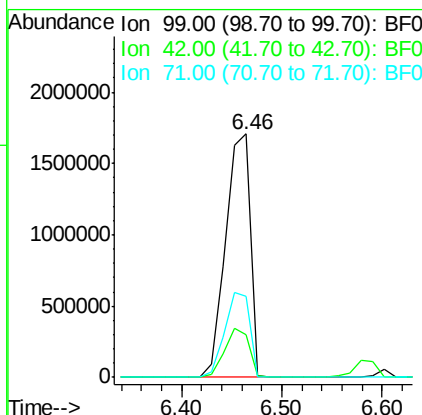
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#8

2-Chlorophenol

Concen: 56.29 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

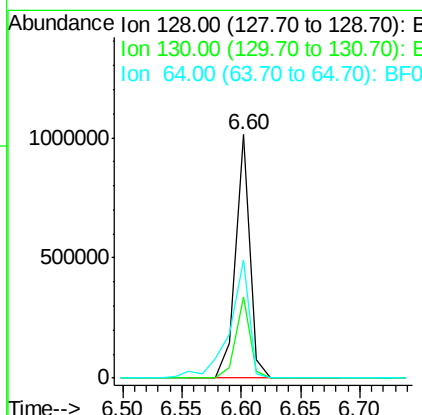
Tgt Ion:128 Resp: 854170

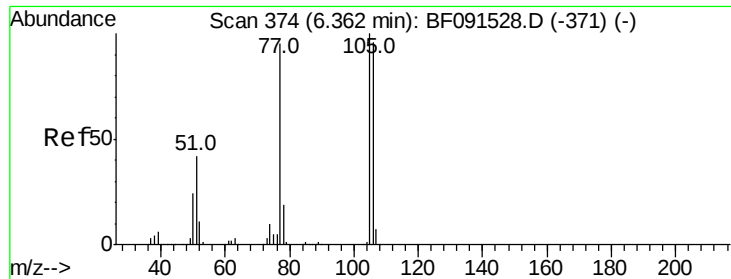
Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

64 48.6 24.1 64.1





#9

Benzaldehyde

Concen: 16.82 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

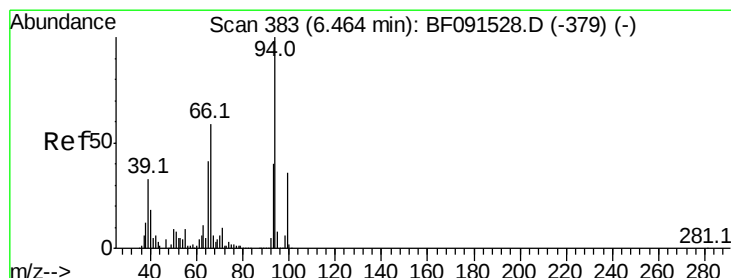
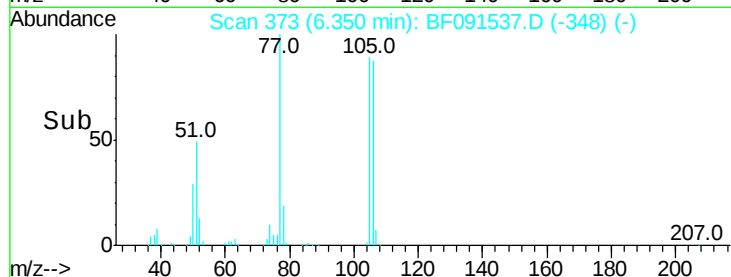
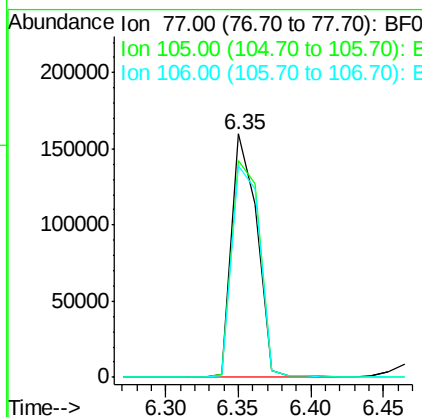
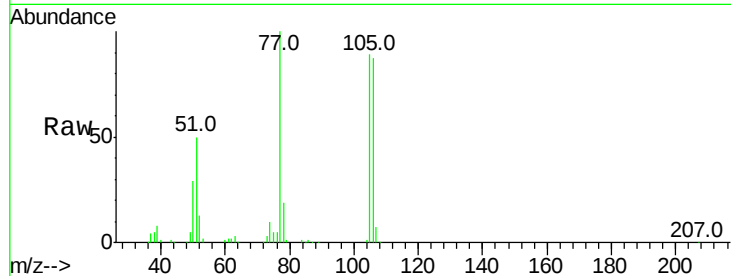
ClientSampleId :

PB95122BSD

Tot Ion:	77	Resp:	193978
Ion Ratio	Lower	Upper	
77	100		
105	88.9	66.4	106.4
106	86.9	60.9	100.9

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#10

Phenol

Concen: 51.34 ng

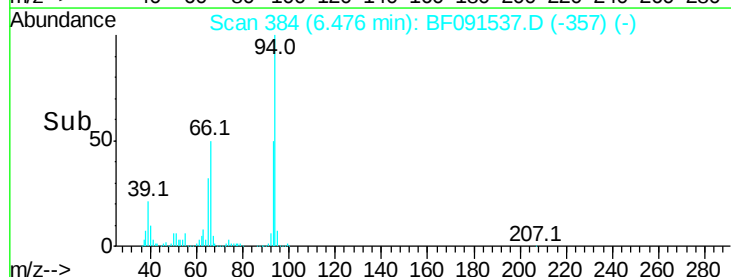
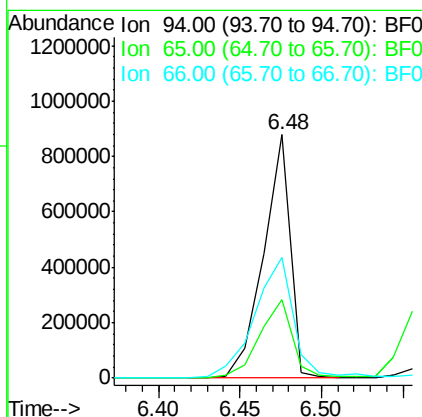
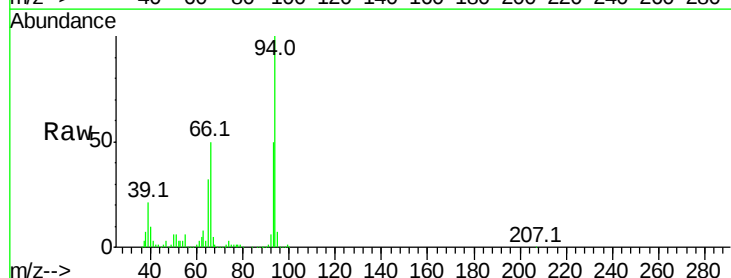
RT: 6.48 min Scan# 384

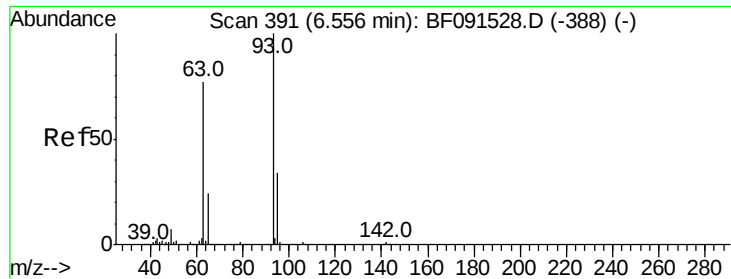
Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:	94	Resp:	1006136
Ion Ratio	Lower	Upper	
94	100		
65	32.1	16.9	56.9
66	49.6	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 60.84 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

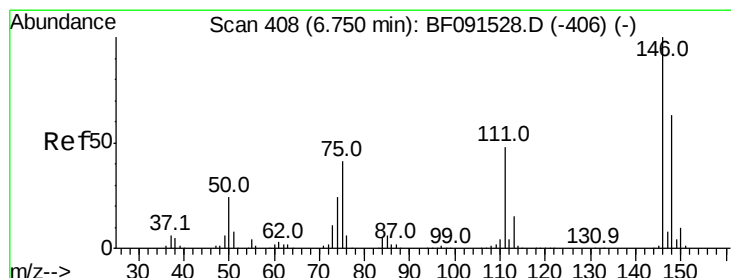
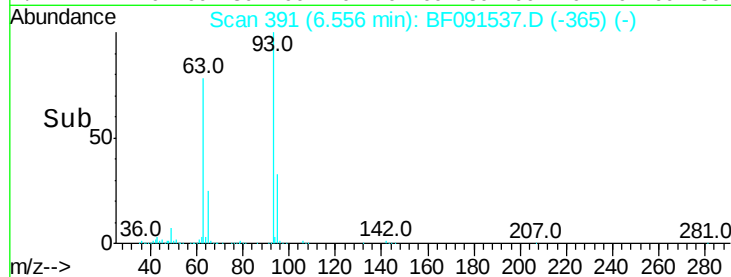
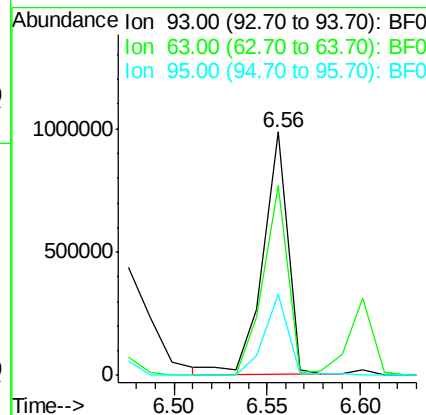
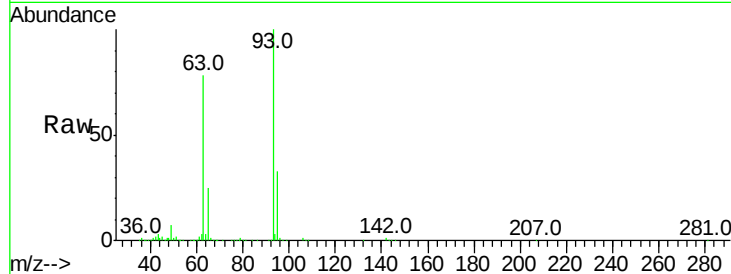
ClientSampleId :

PB95122BSD

Tot Ion:	93	Resp:	895675
Ion Ratio	Lower	Upper	
93	100		
63	78.0	74.8	114.8
95	33.2	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 51.07 ng

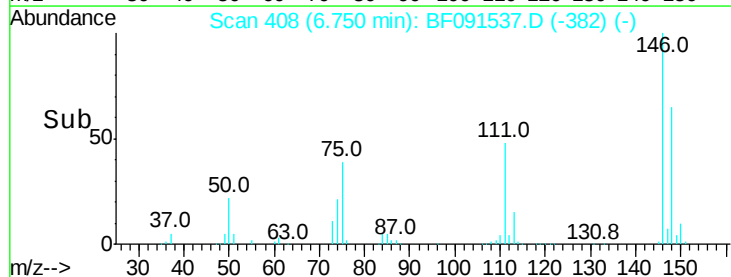
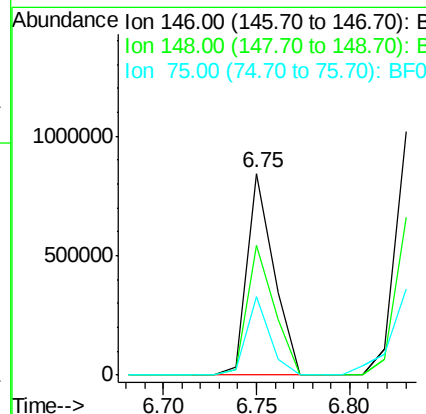
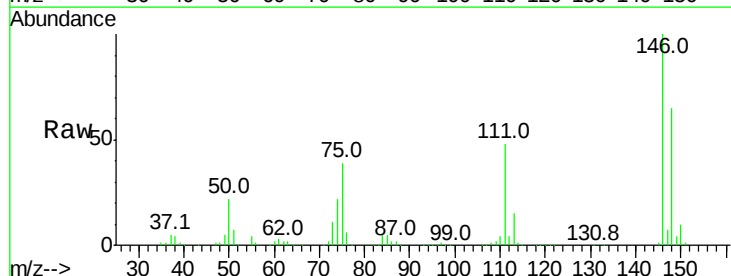
RT: 6.75 min Scan# 408

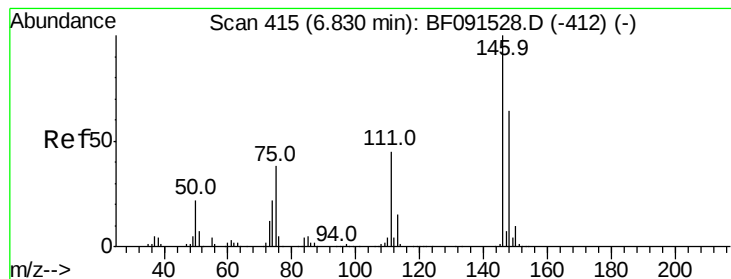
Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:	146	Resp:	840359
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.0
75	39.0	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 53.57 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

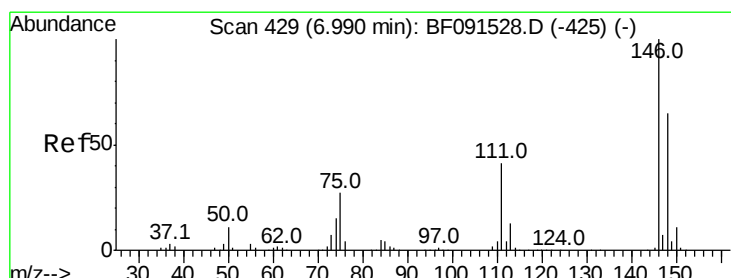
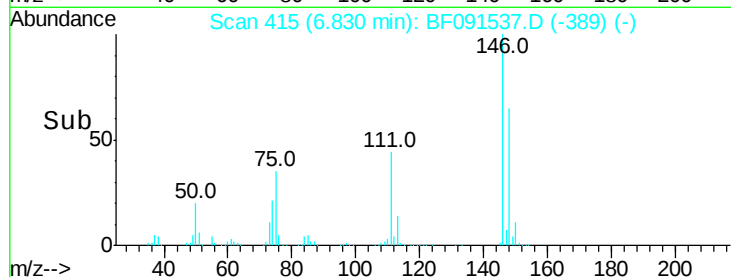
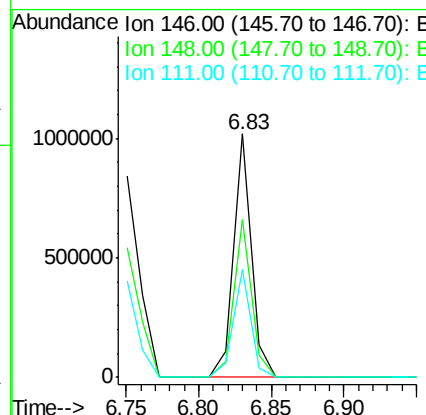
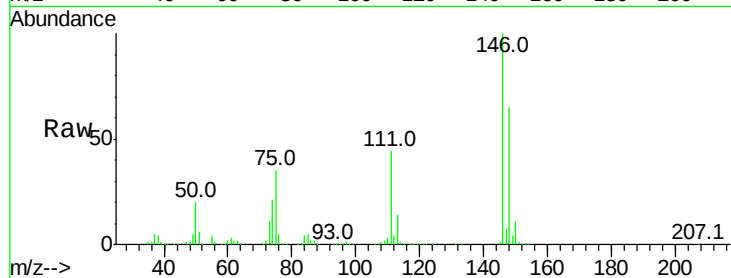
ClientSampled :

PB95122BSD

Tot Ion:	146	Resp:	869527
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.4	77.0
111	44.1	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 55.13 ng m

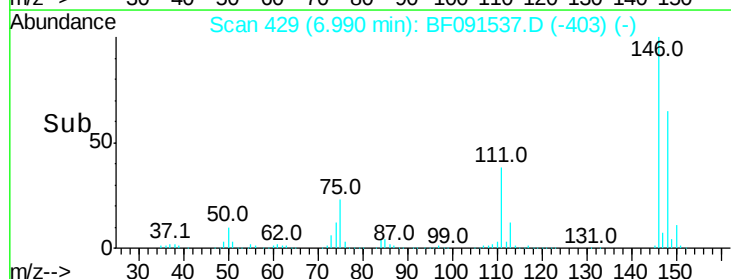
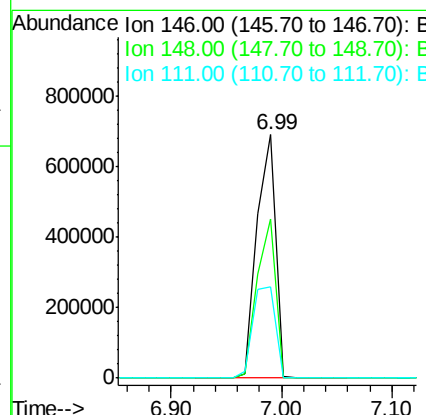
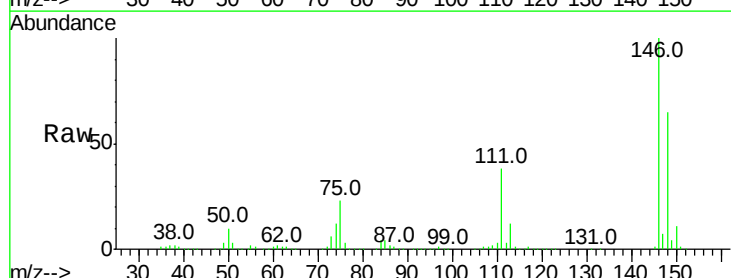
RT: 6.99 min Scan# 429

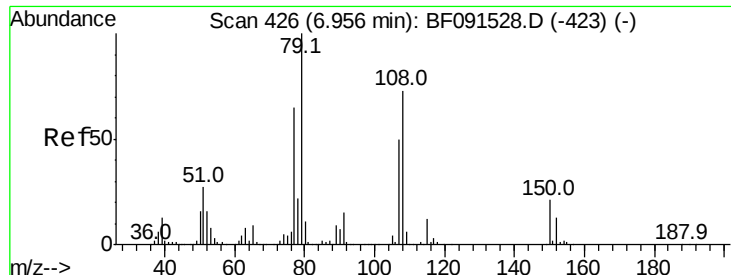
Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:	146	Resp:	806430
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.0	76.6
111	37.6	38.9	58.3#





#15

Benzyl Alcohol

Concen: 53.63 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion: 79 Resp: 709763

Ion Ratio Lower Upper

79 100

108 74.1 62.7 94.1

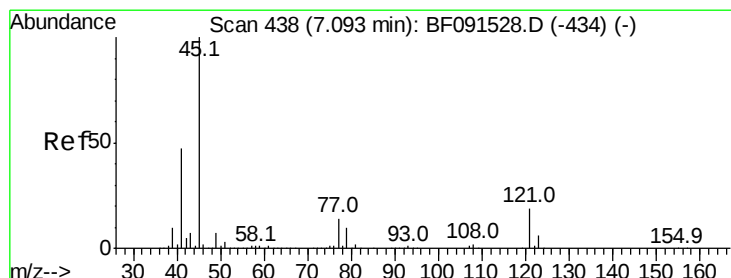
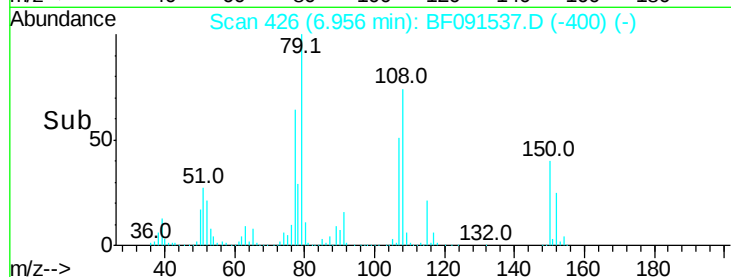
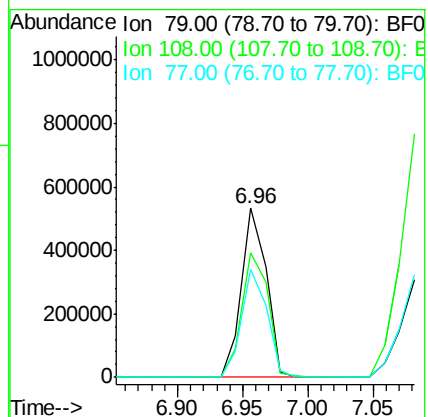
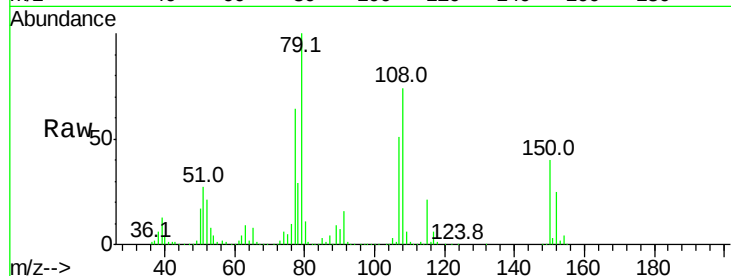
77 64.0 51.7 77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 56.66 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

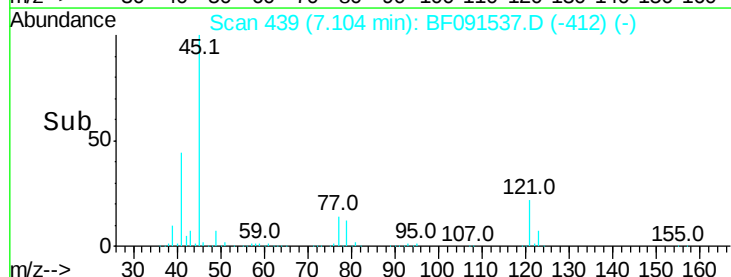
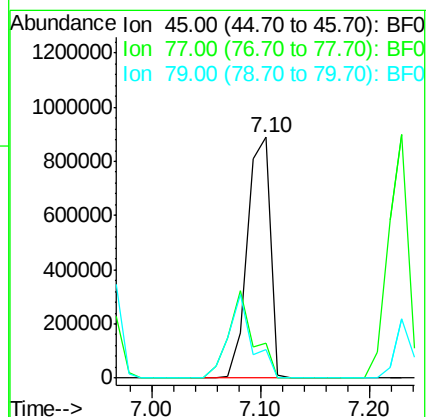
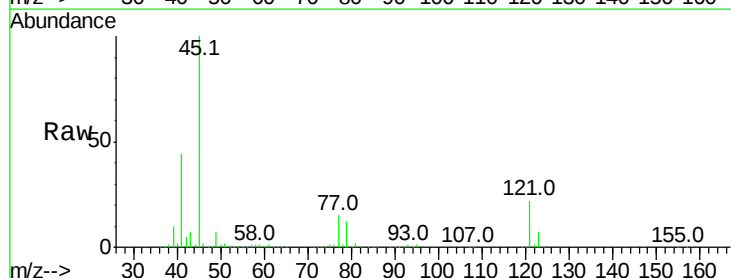
Tgt Ion: 45 Resp: 1292599

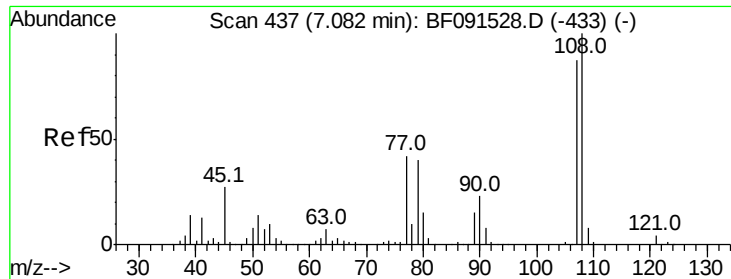
Ion Ratio Lower Upper

45 100

77 14.6 3.8 43.8

79 11.7 0.2 40.2





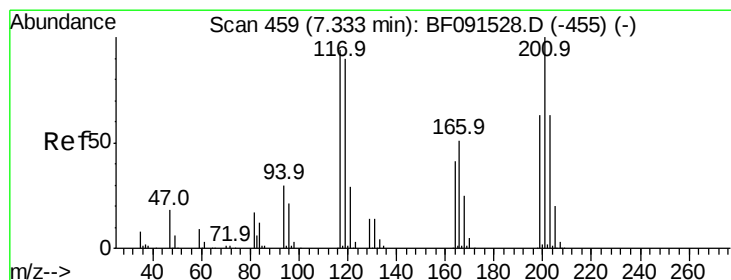
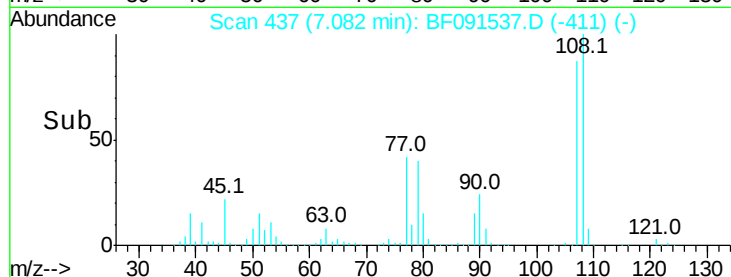
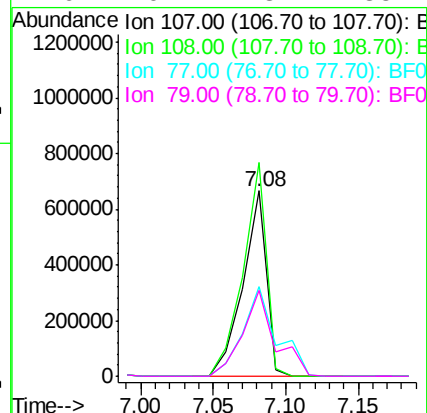
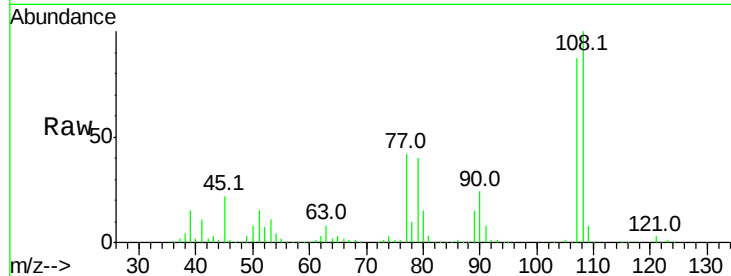
#17
2-Methylphenol
Concen: 59.52 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	67.7	101.5#	
77	48.5	40.7	61.1	
79	46.4	23.4	35.2#	

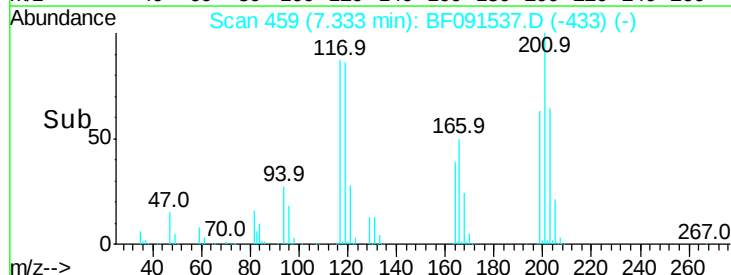
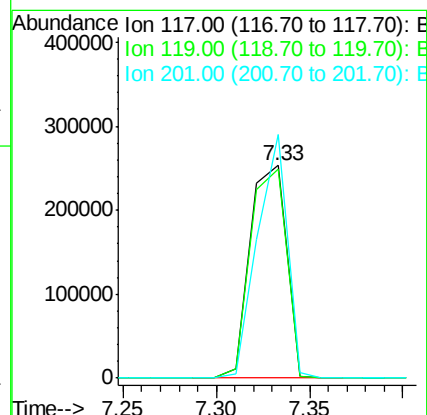
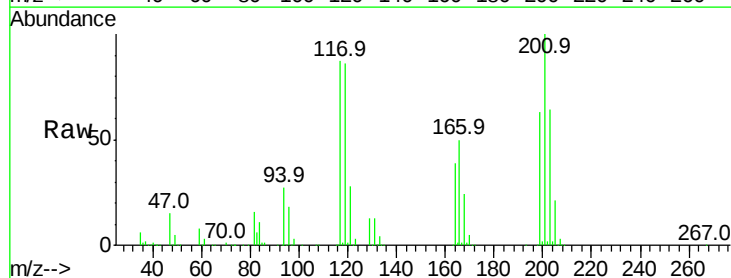
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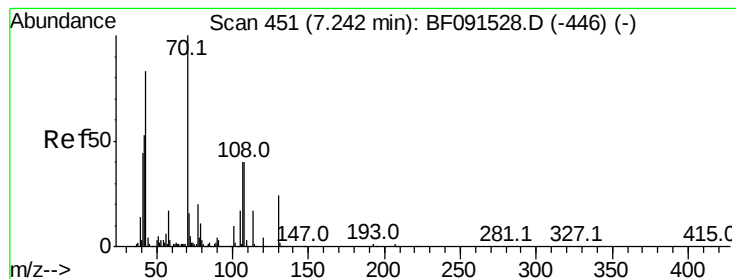
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#18
Hexachloroethane
Concen: 54.15 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	78.6	118.0	
201	114.5	86.7	130.1	





#19

n-Nitroso-di-n-propylamine

Concen: 61.22 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

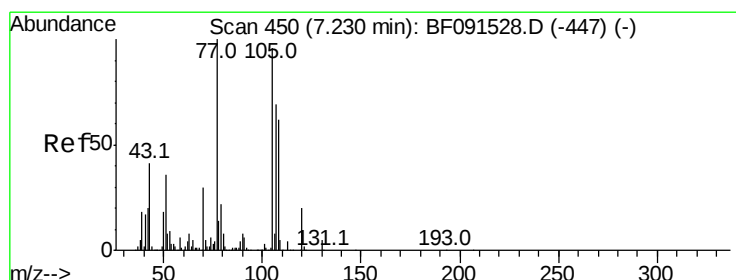
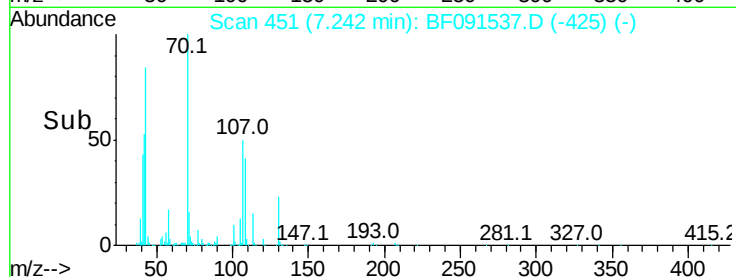
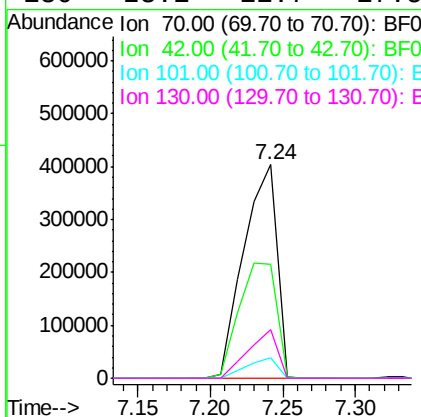
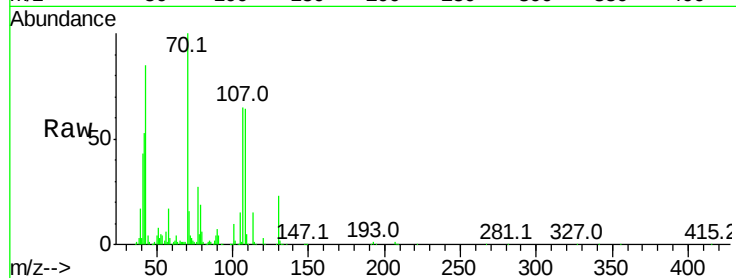
ClientSampleId :

PB95122BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.4	64.8	97.2#
101	9.9	6.2	9.4#
130	23.1	11.7	17.5#

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#20

3+4-Methylphenols

Concen: 55.46 ng

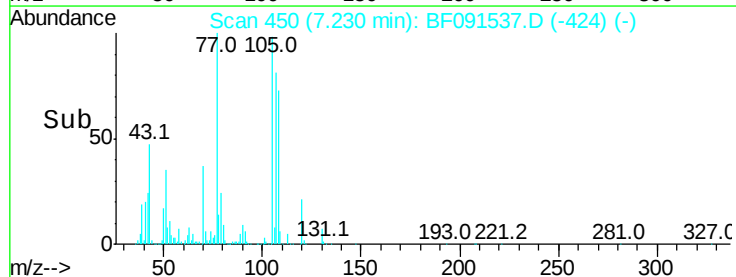
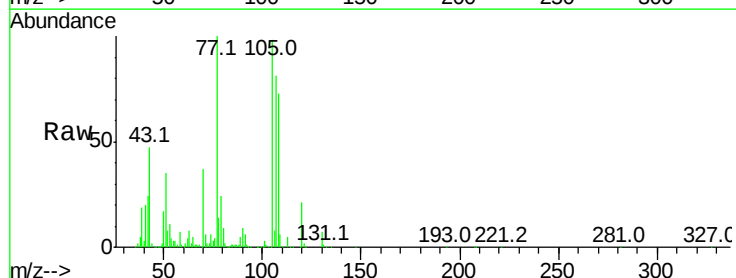
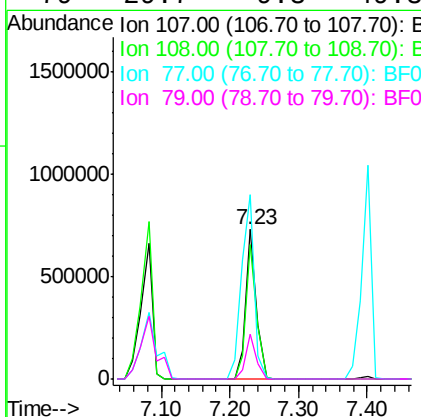
RT: 7.23 min Scan# 450

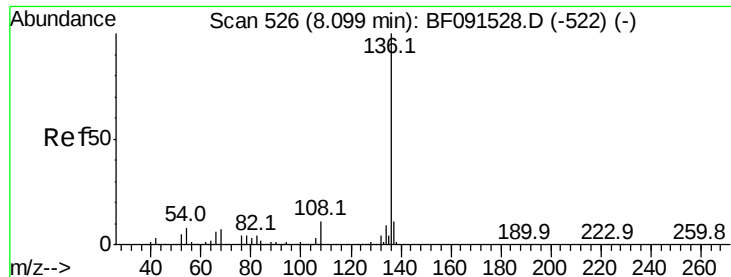
Delta R.T. 0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	64.6	104.6
77	123.1	30.9	70.9#
79	29.7	9.3	49.3





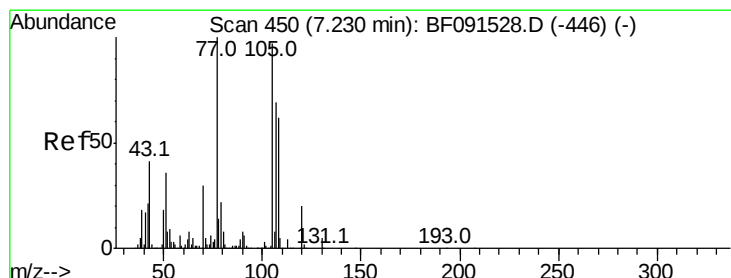
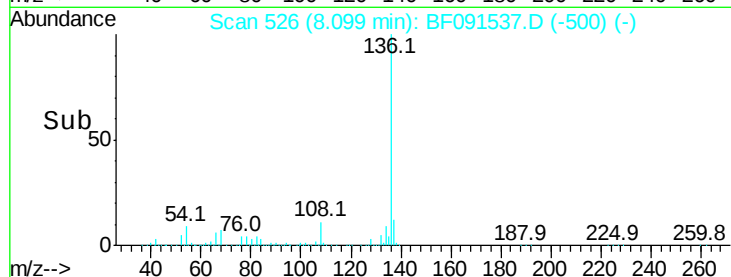
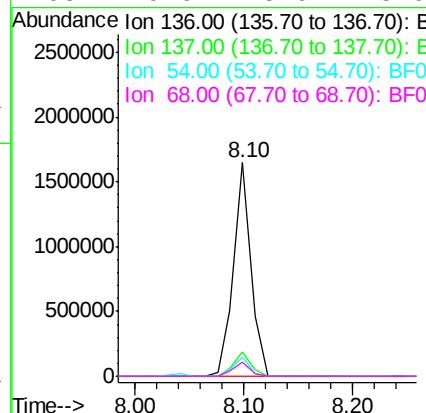
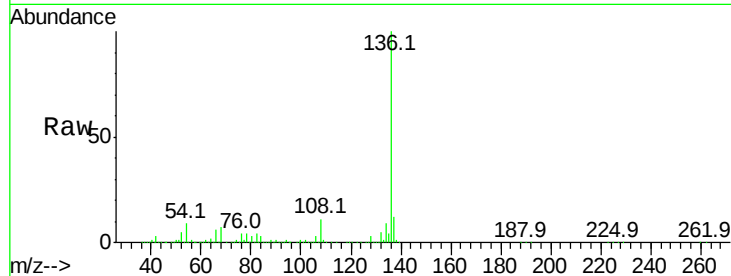
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.7	9.1	13.7#
68	6.6	5.9	8.9

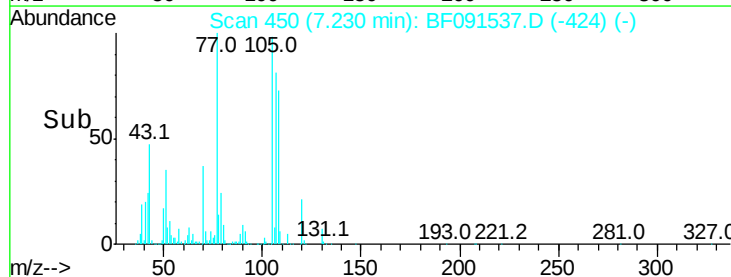
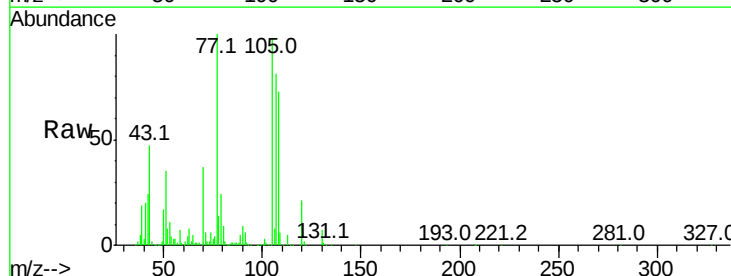
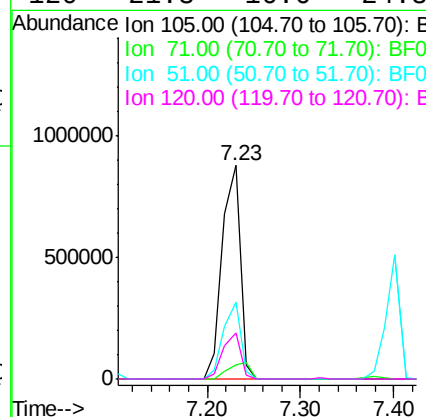
Manual Integrations
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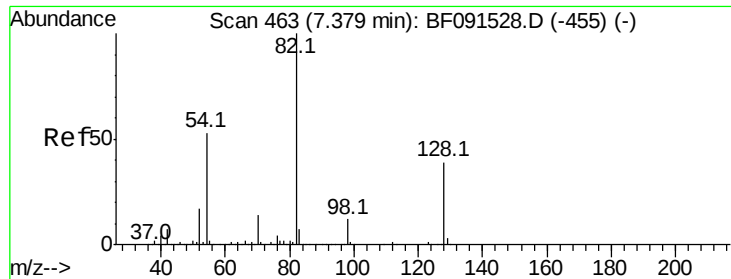
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#22
Acetophenone
Concen: 54.63 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.3	7.9	11.9#
51	36.1	24.5	36.7
120	21.3	16.6	24.8





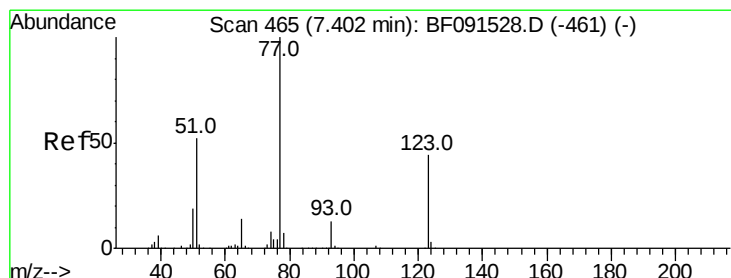
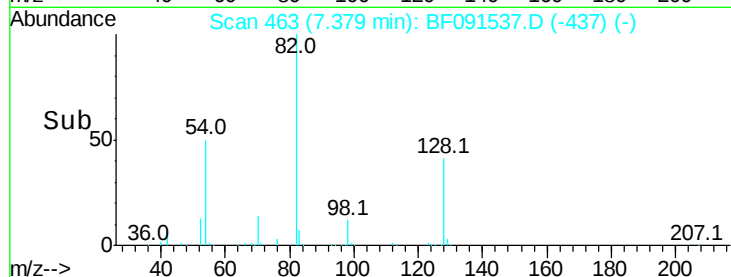
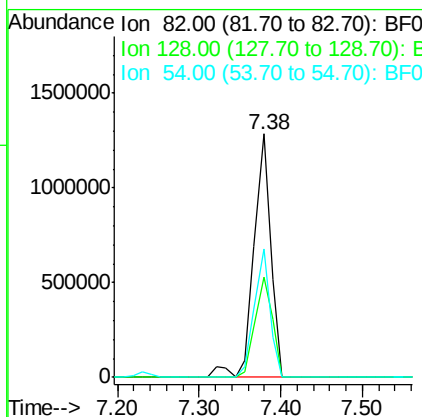
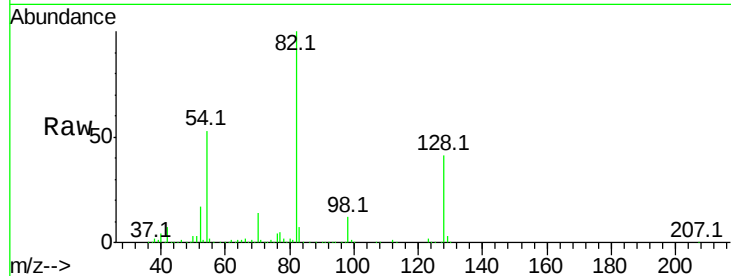
#23
 Nitrobenzene-d5
 Concen: 113.90 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion: 82 Resp: 1846158
 Ion Ratio Lower Upper
 82 100
 128 41.0 31.8 47.6
 54 52.5 49.1 73.7

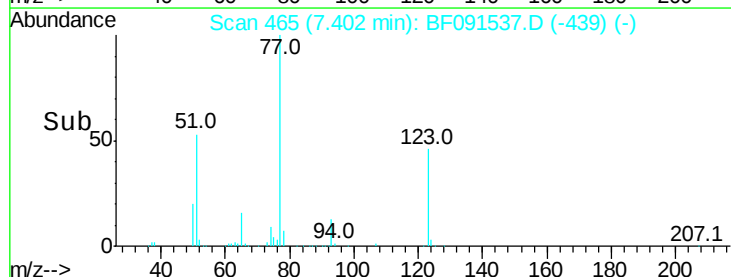
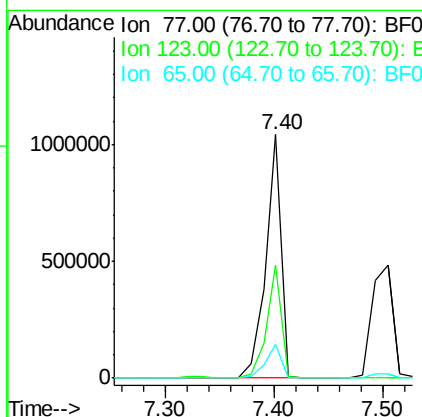
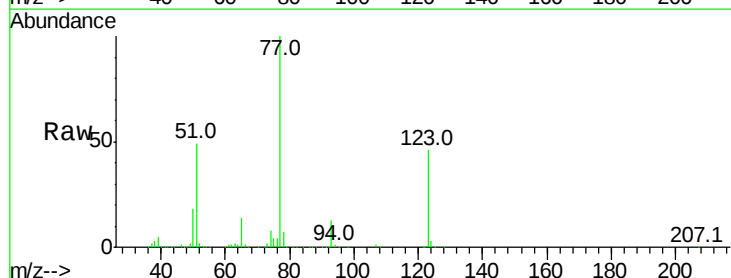
Manual Integrations
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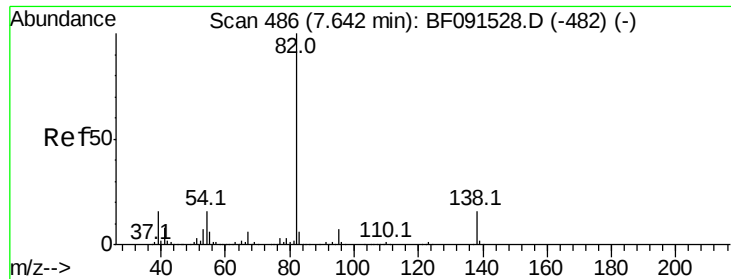
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#24
 Nitrobenzene
 Concen: 59.96 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion: 77 Resp: 1026820
 Ion Ratio Lower Upper
 77 100
 123 46.4 28.5 42.7#
 65 13.7 12.5 18.7





#25

Isophorone

Concen: 59.80 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion: 82 Resp: 1723100

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

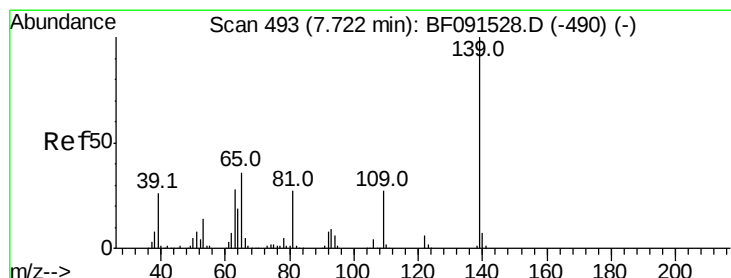
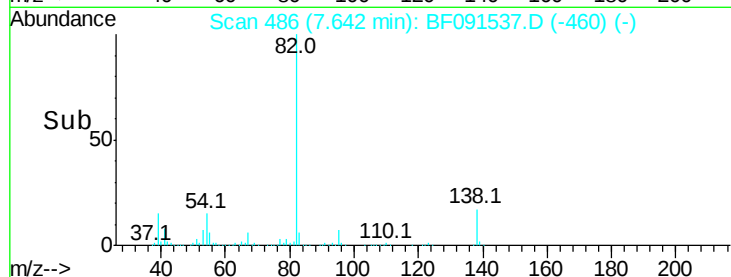
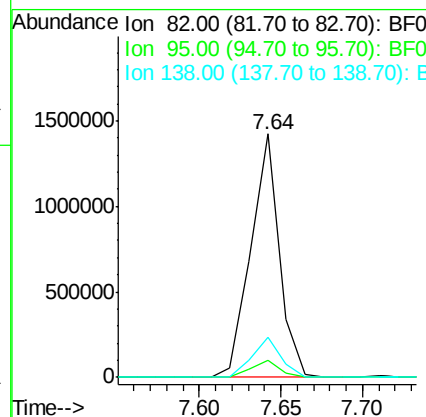
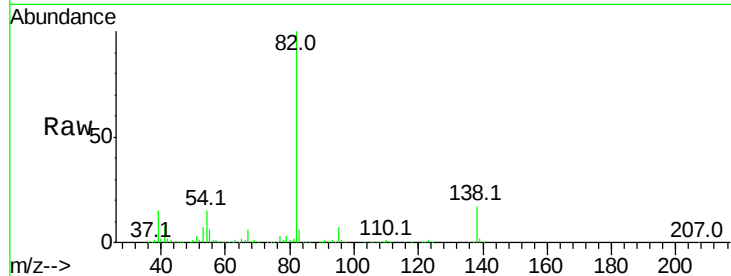
138 16.6 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 61.01 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

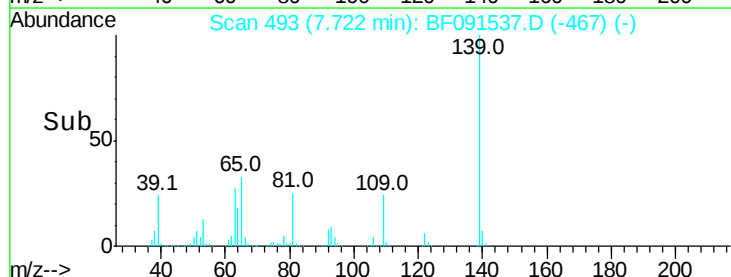
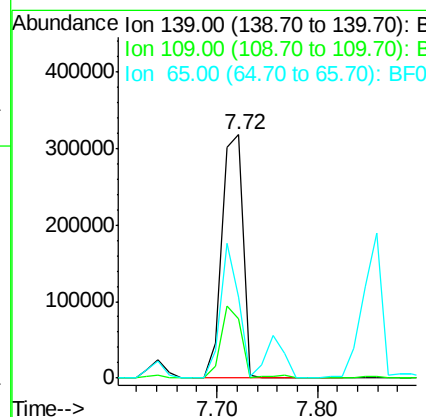
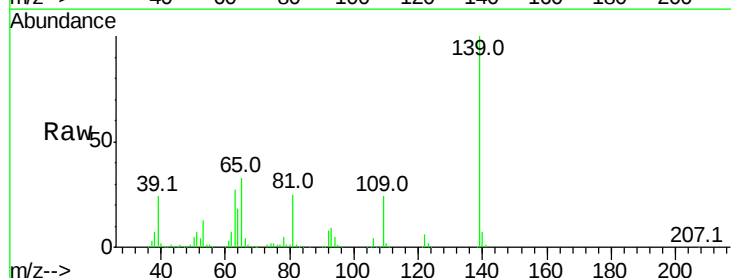
Tgt Ion: 139 Resp: 461120

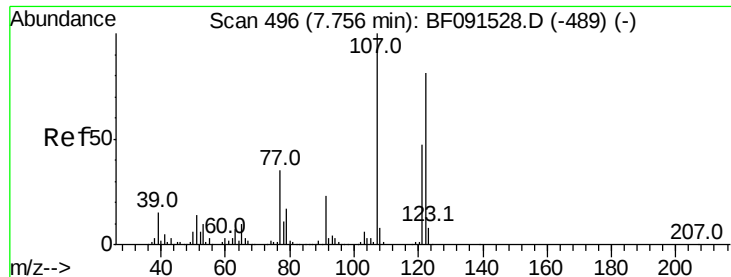
Ion Ratio Lower Upper

139 100

109 24.1 25.3 37.9#

65 33.3 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 59.55 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

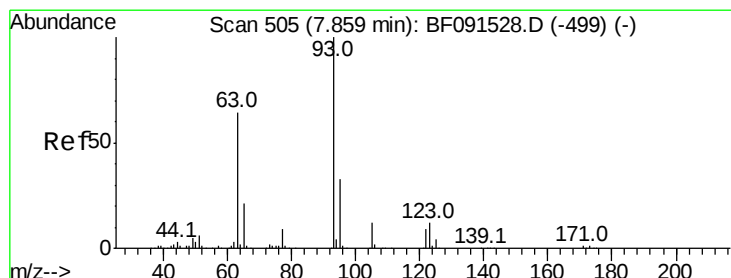
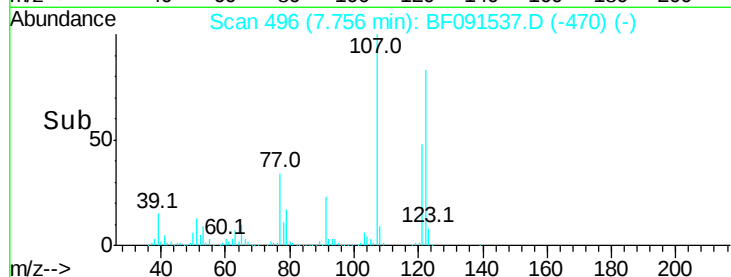
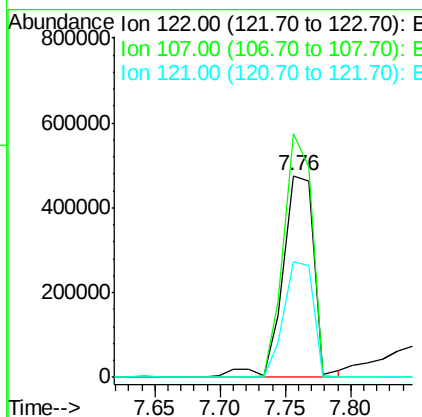
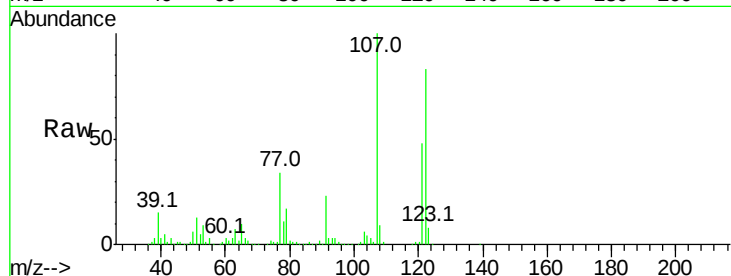
ClientSampleId :

PB95122BSD

Tot Ion:	122	Resp:	790537
Ion Ratio	Lower	Upper	
122	100		
107	120.5	96.8	145.2
121	57.3	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 66.06 ng

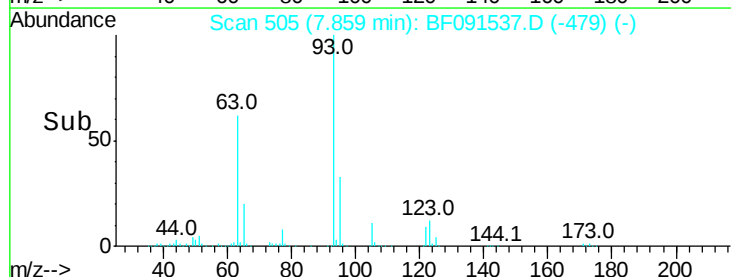
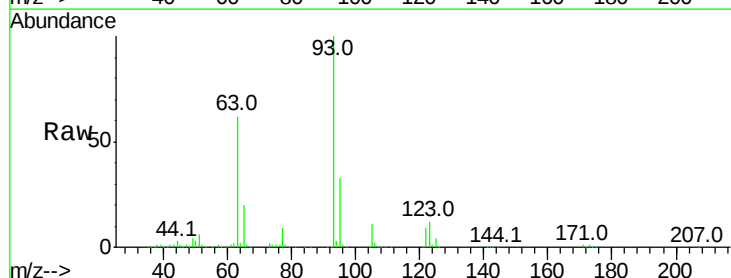
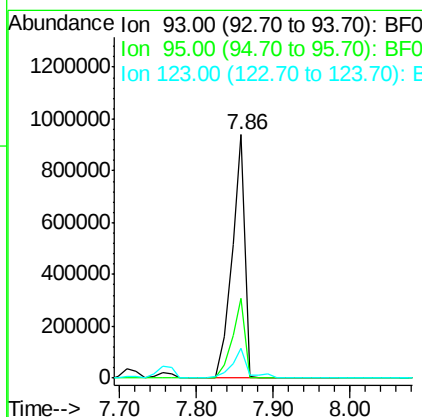
RT: 7.86 min Scan# 505

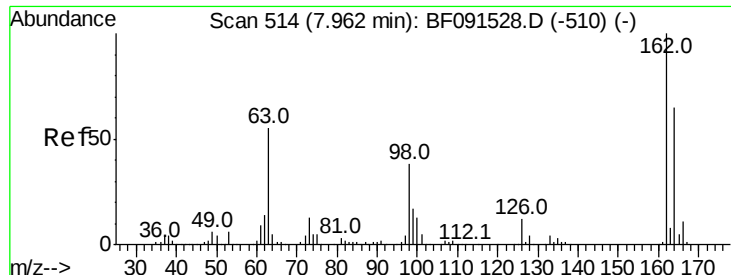
Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:	93	Resp:	1116465
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	12.2	8.6	12.8





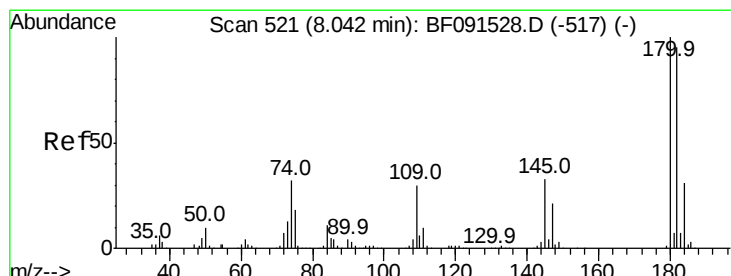
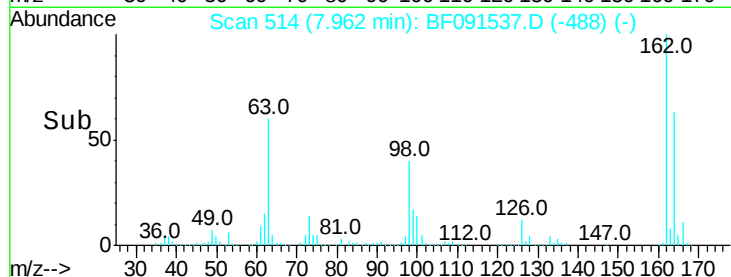
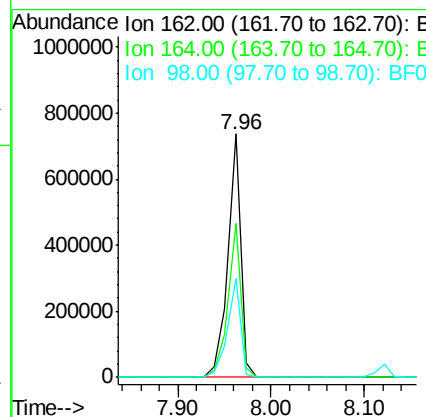
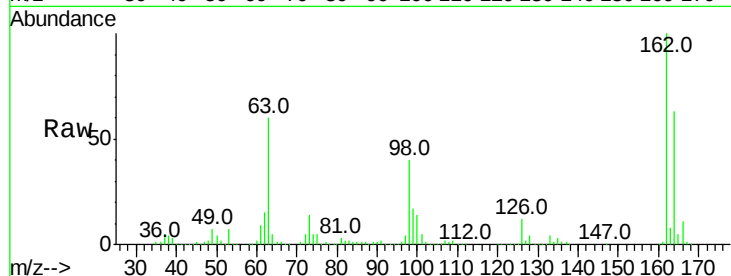
#29
 2,4-Dichlorophenol
 Concen: 60.96 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	45.0	85.0
98	40.4	21.3	61.3

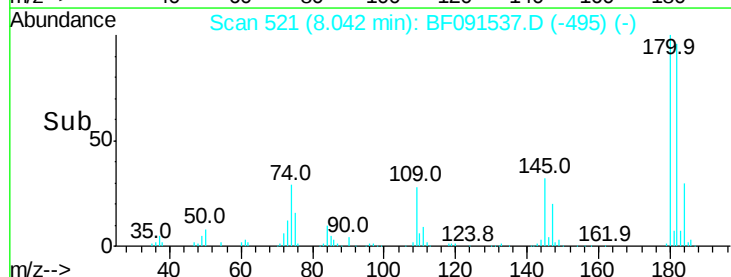
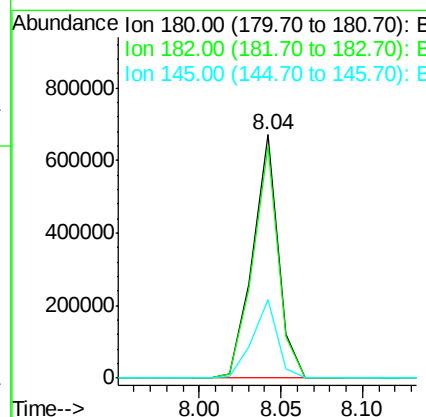
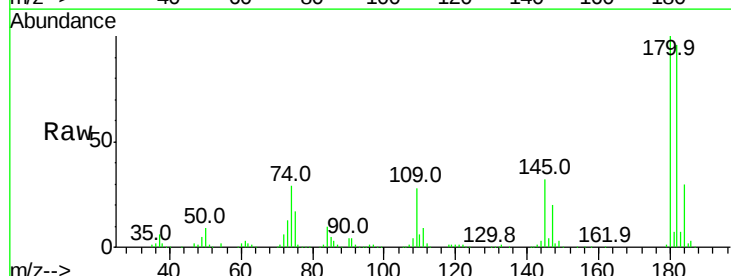
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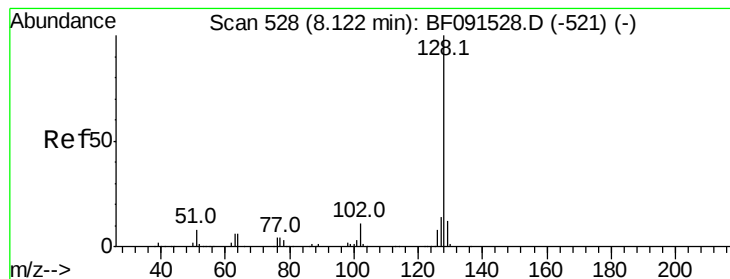
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#30
 1,2,4-Trichlorobenzene
 Concen: 55.52 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	75.8	113.8
145	32.4	27.0	40.4





#31

Naphthalene

Concen: 55.02 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:128 Resp: 2315725

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

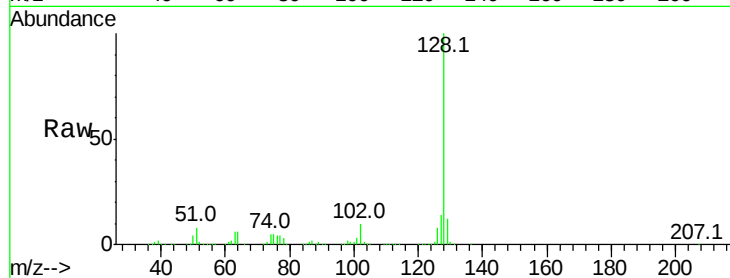
127 13.8 11.0 16.4

Manual Integrations

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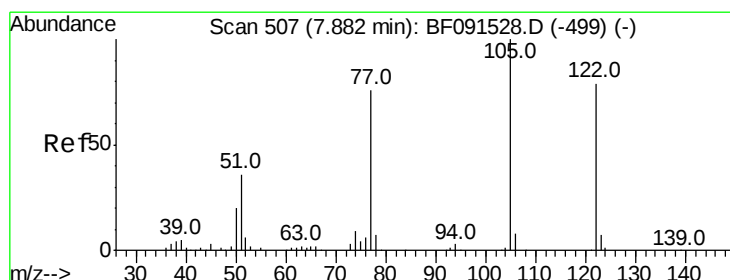
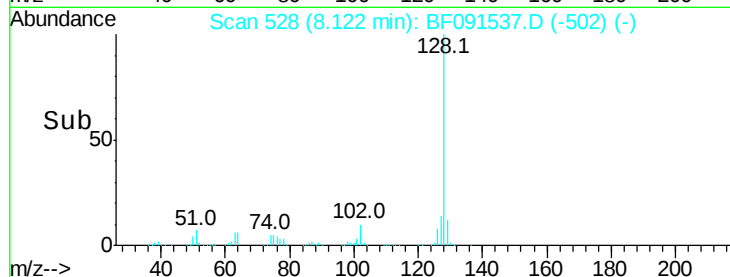
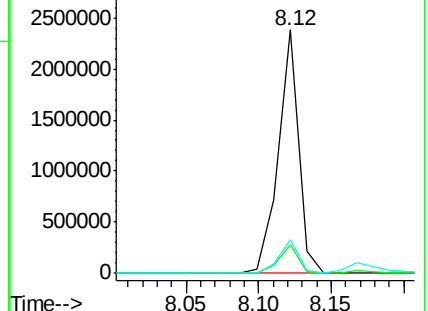
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 59.28 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

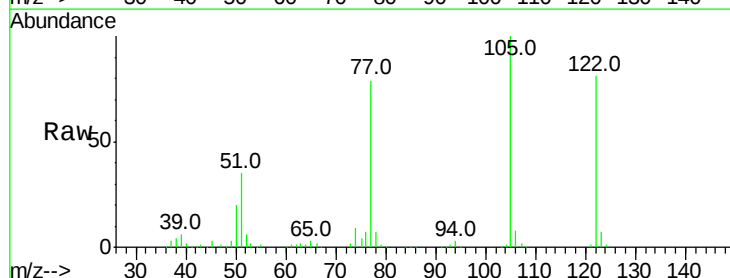
Tgt Ion:122 Resp: 524970

Ion Ratio Lower Upper

122 100

105 123.9 113.0 153.0

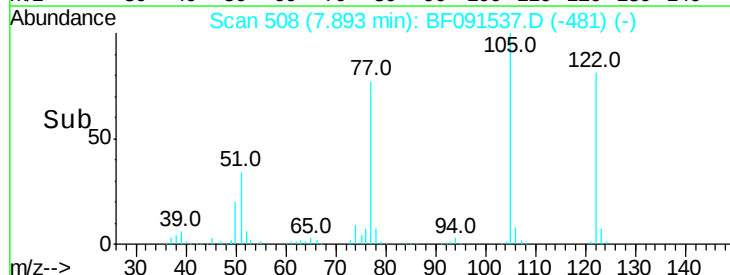
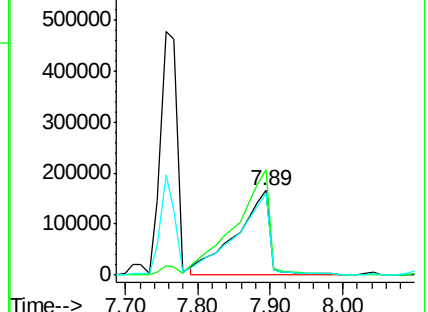
77 97.9 82.0 122.0

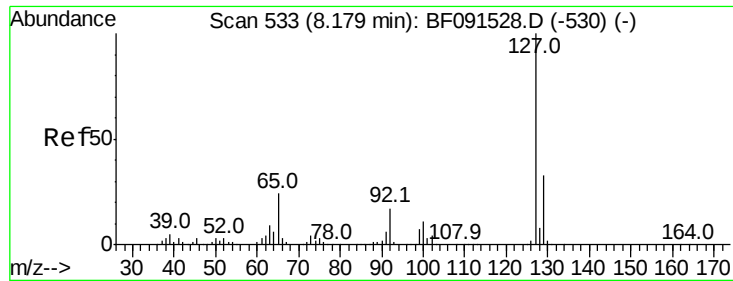


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





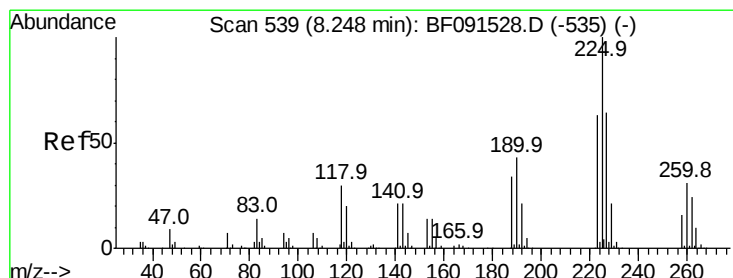
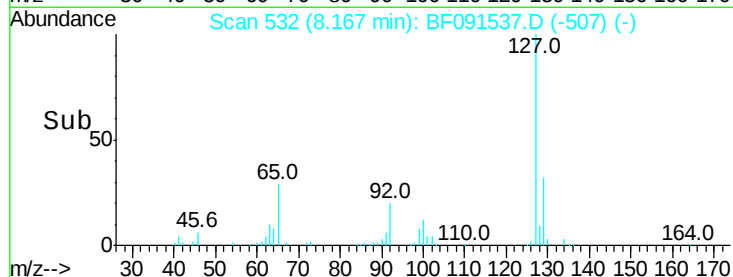
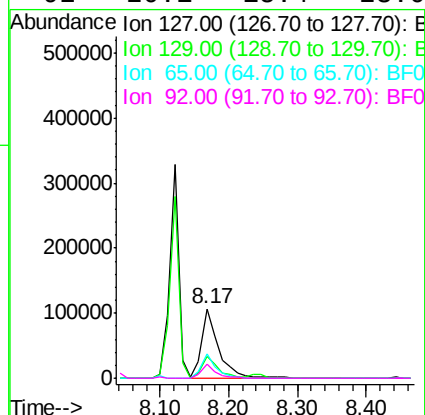
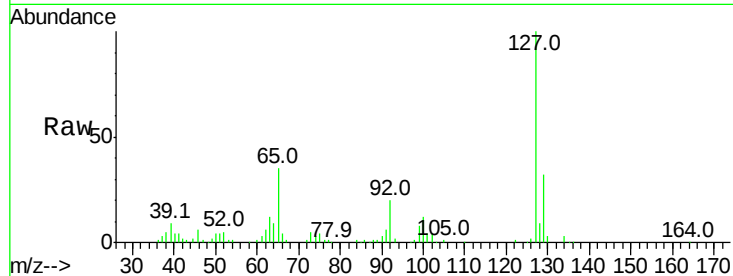
#33
4-Chloroaniline
Concen: 10.07 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.4	
65	34.5	26.6	39.8	
92	20.1	15.4	23.0	

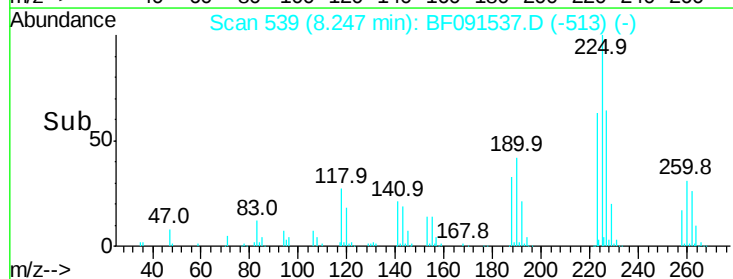
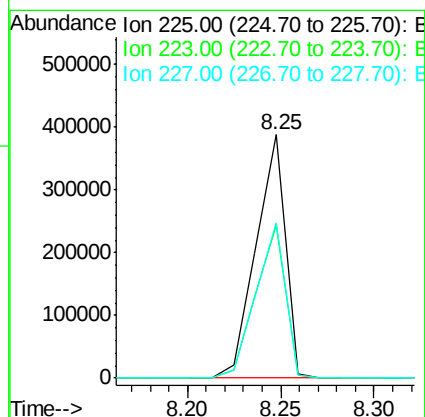
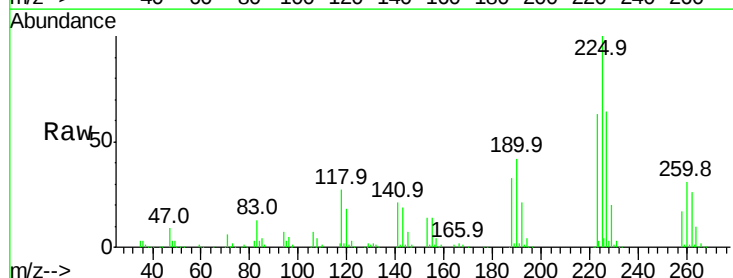
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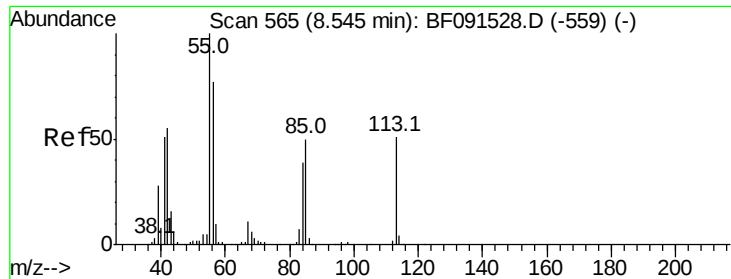
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#34
Hexachlorobutadiene
Concen: 56.07 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	49.8	74.6	
227	64.0	52.6	79.0	





#35

Caprolactam

Concen: 67.65 ng/ml

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

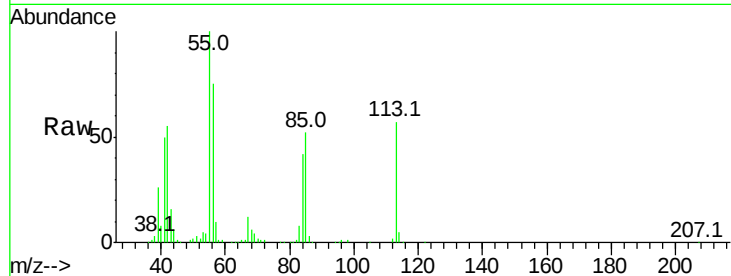
ClientSampleId :

PB95122BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.8	239.8	279.8#
56	131.7	165.6	205.6#

Manual Integrations
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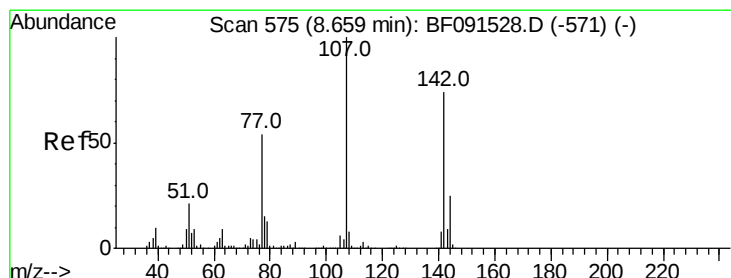
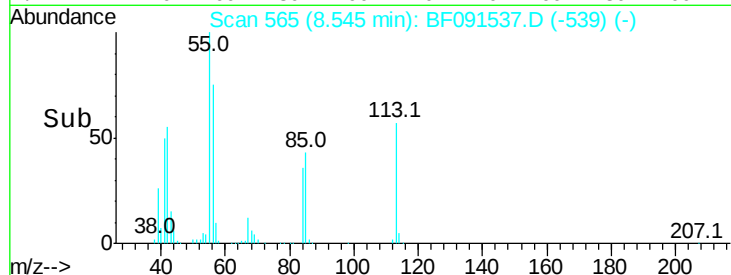
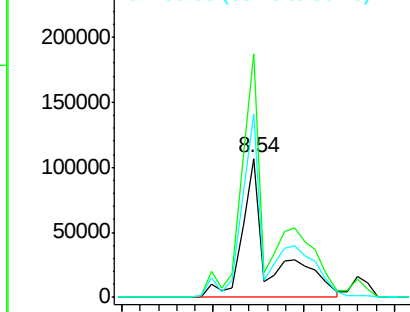
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 57.20 ng/ml

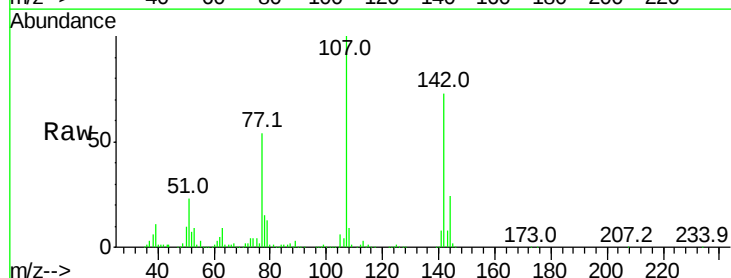
RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

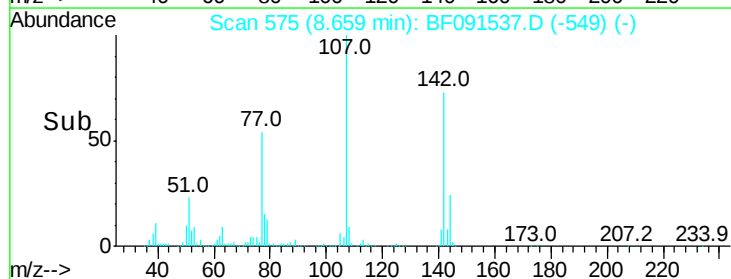
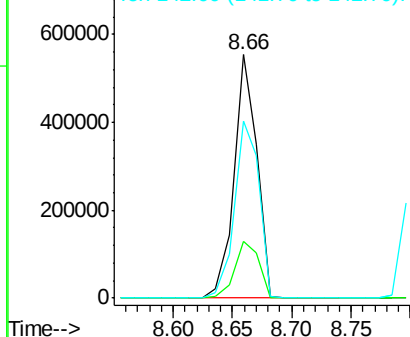
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	18.9	28.3
142	72.6	58.5	87.7

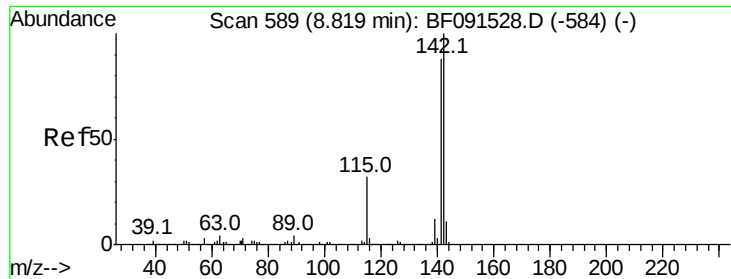


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





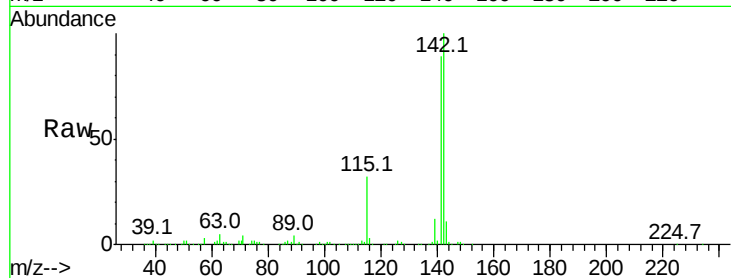
#37
2-Methylnaphthalene
Concen: 58.60 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.7	107.5
115	32.0	25.0	37.6

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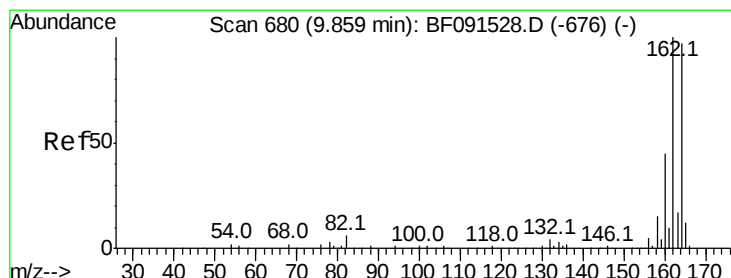
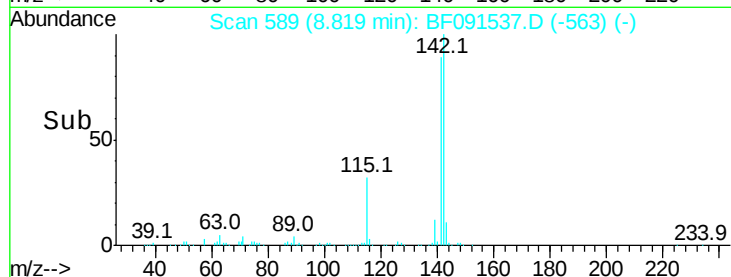
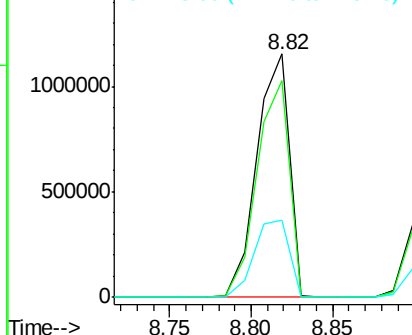


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

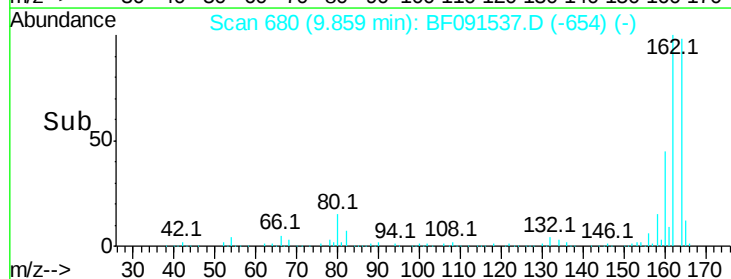
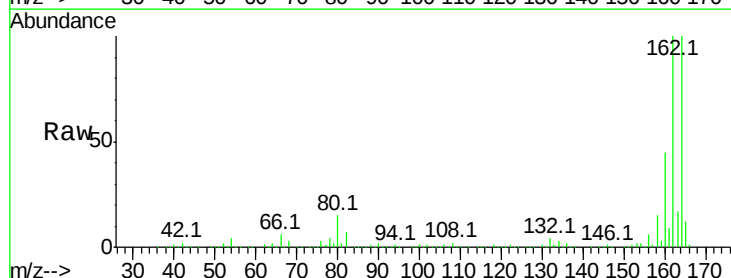
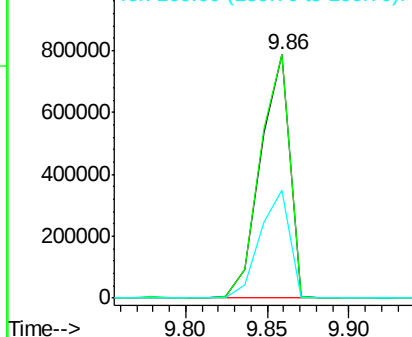
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	124.0
160	44.6	36.7	55.1

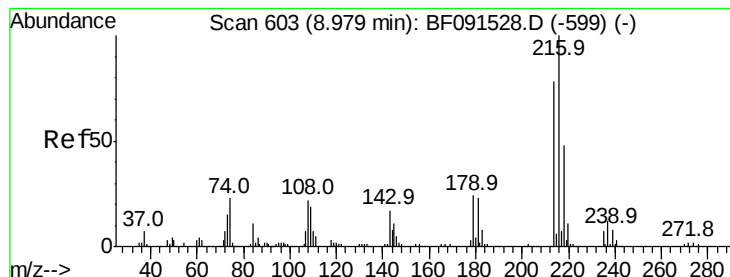
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.62 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

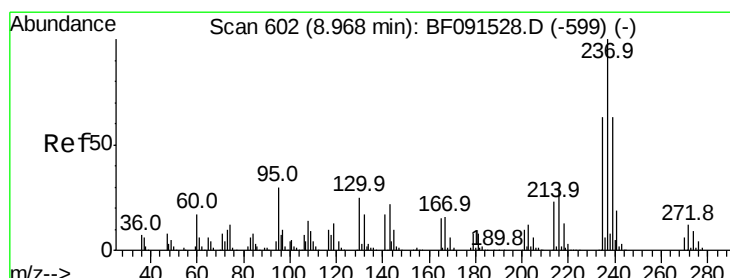
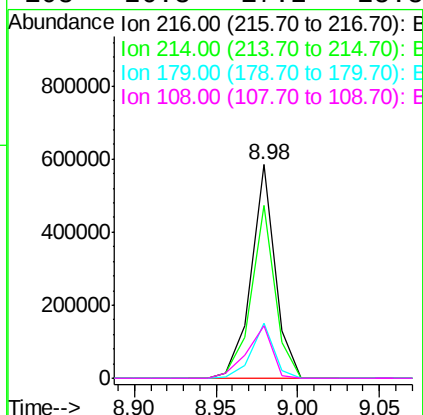
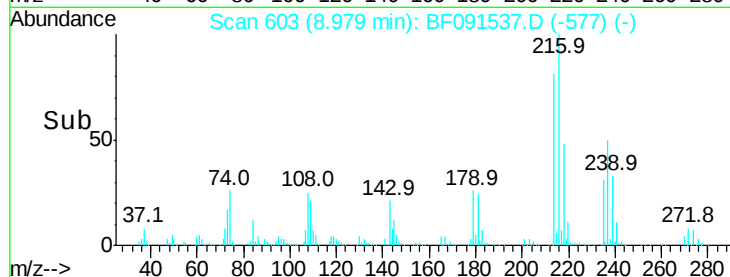
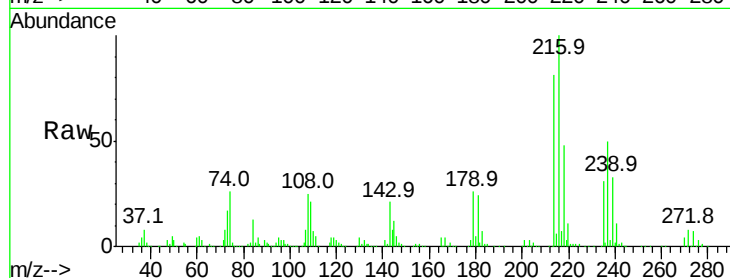
ClientSampleId :

PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	598863		
214	79.2	63.8	95.8	
179	24.1	18.2	27.2	
108	26.3	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 122.28 ng

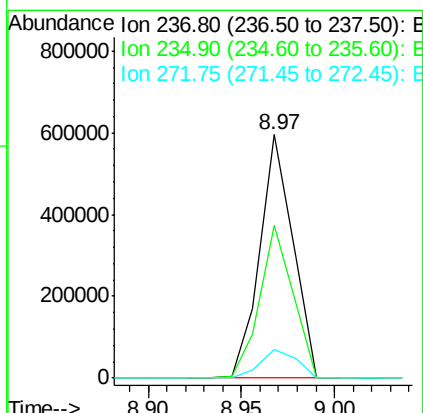
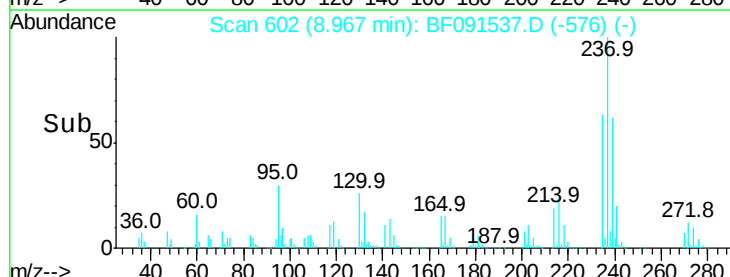
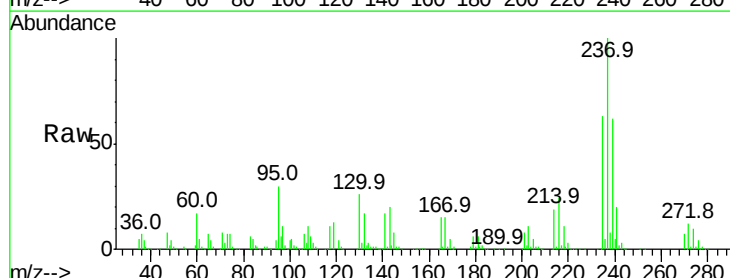
RT: 8.97 min Scan# 602

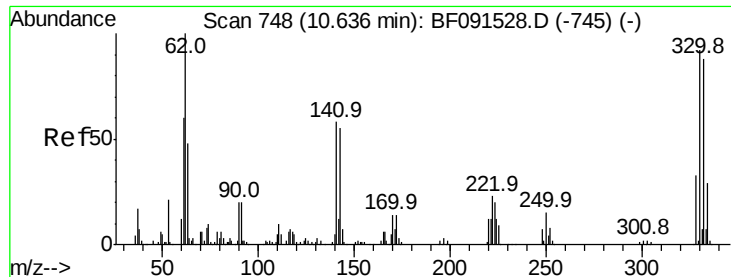
Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	731764		
235	62.7	43.9	83.9	
272	12.0	0.0	33.1	





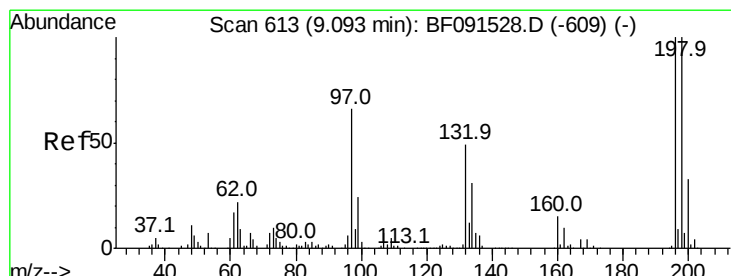
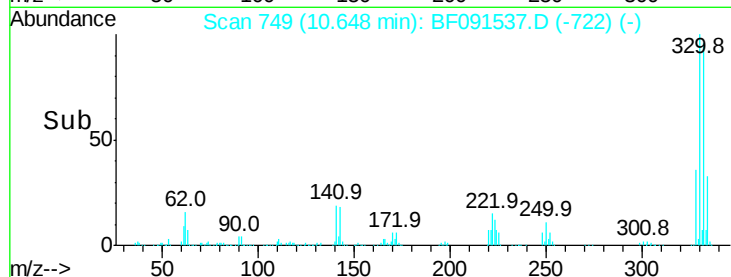
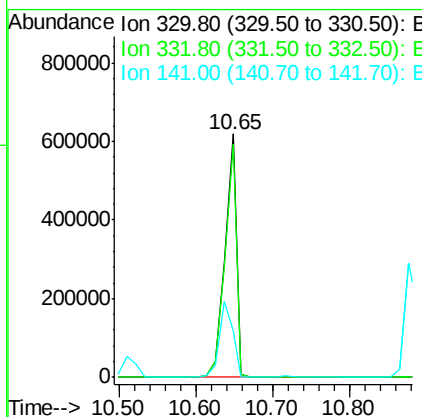
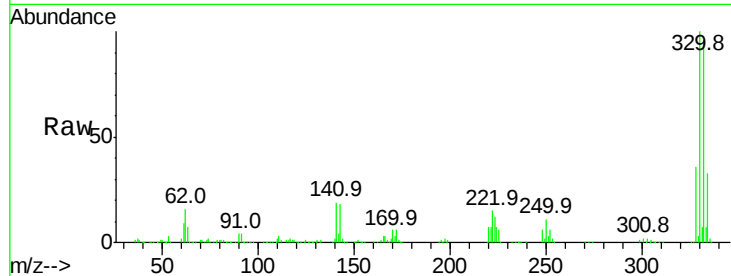
#41
 2,4,6-Tribromophenol
 Concen: 164.34 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	668019		
332	96.2		76.2	114.4
141	35.9		33.6	50.4

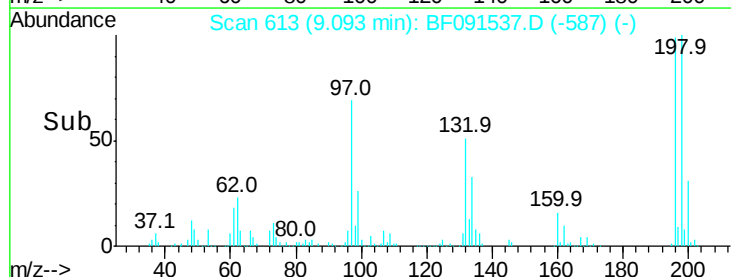
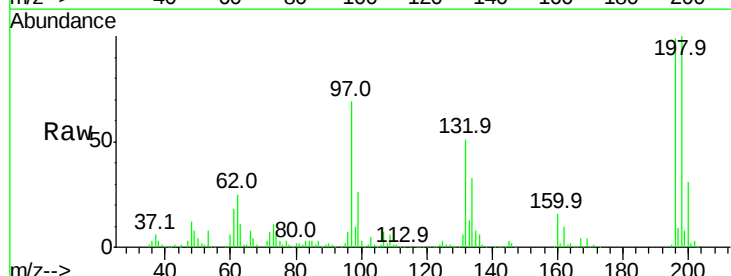
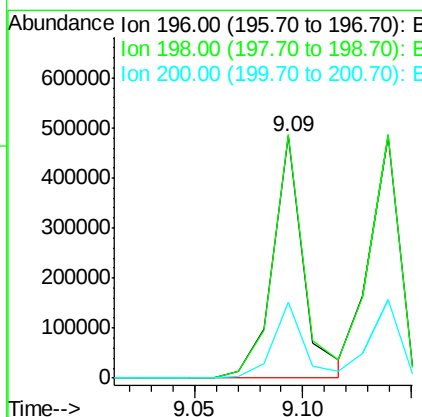
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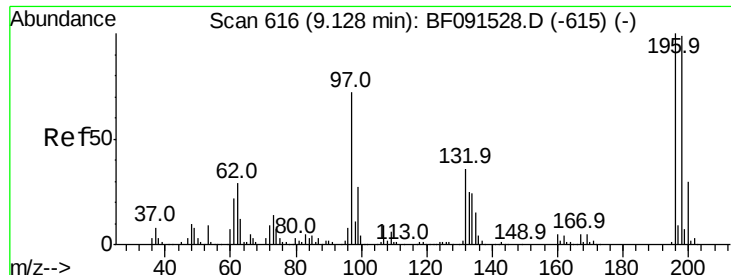
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#42
 2,4,6-Trichlorophenol
 Concen: 55.95 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	482500		
198	100.7		77.4	116.0
200	31.3		25.2	37.8





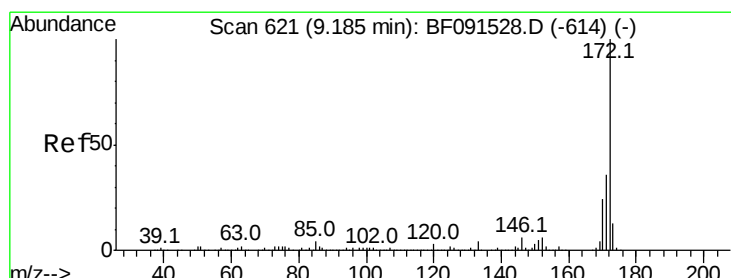
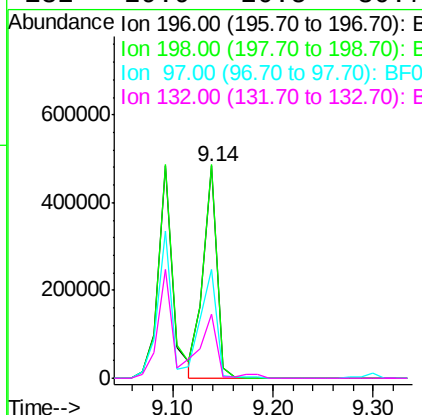
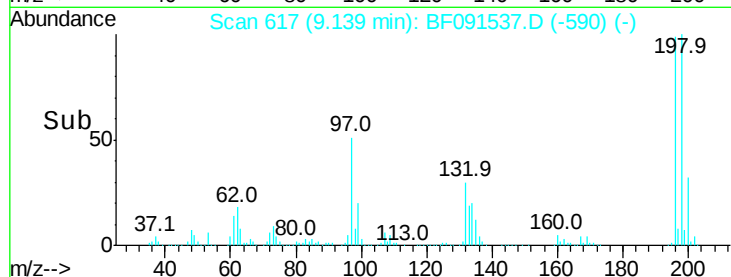
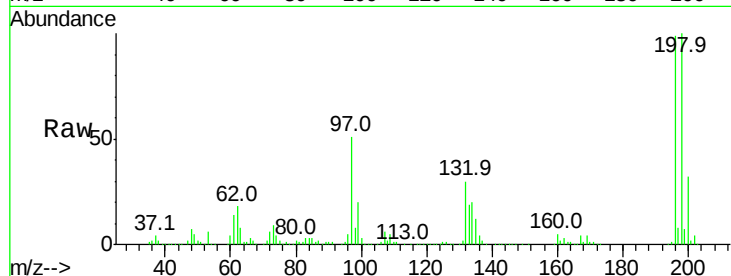
#43
 2,4,5-Trichlorophenol
 Concen: 52.30 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion:	196	Resp:	463546
Ion Ratio		Lower	Upper
196	100		
198	100.6	77.0	115.6
97	51.5	33.5	50.3#
132	29.9	20.5	30.7

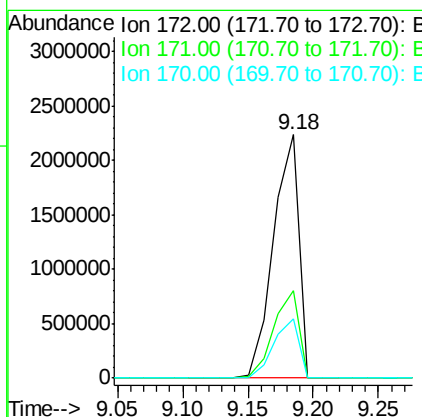
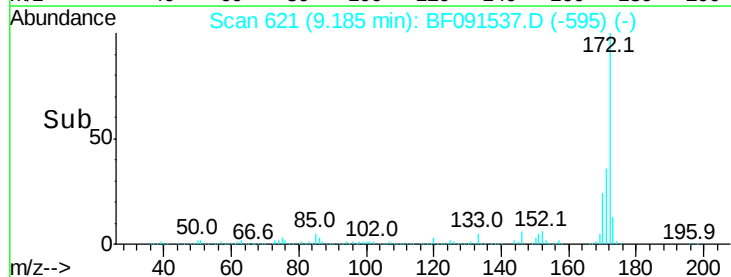
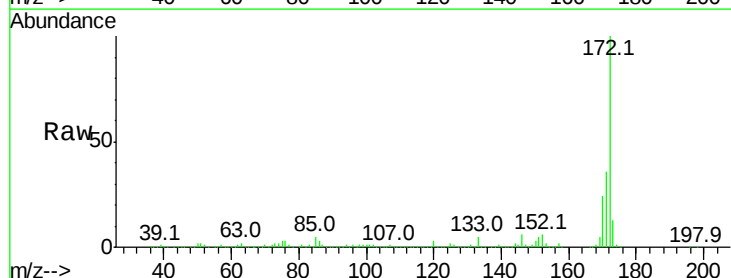
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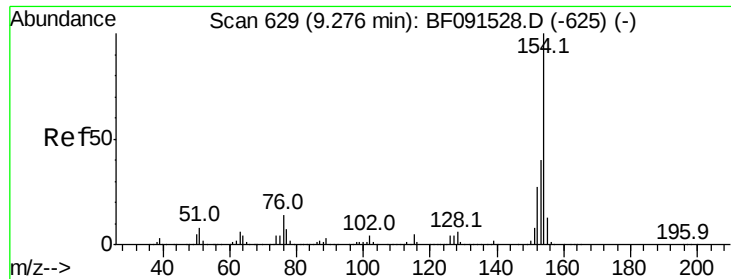
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#44
 2-Fluorobiphenyl
 Concen: 108.26 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:	172	Resp:	3066308
Ion Ratio		Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.7	29.5





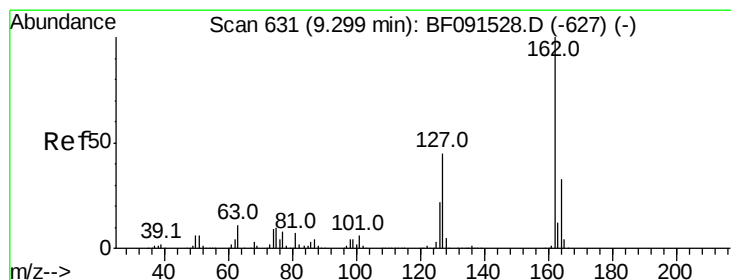
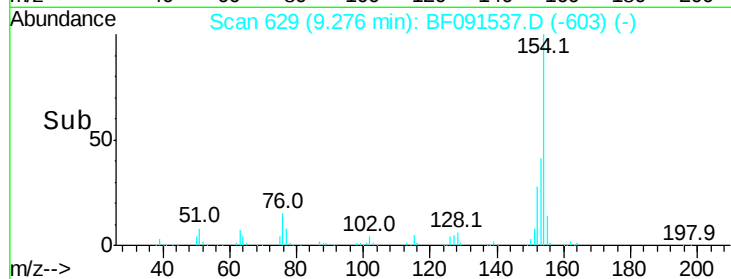
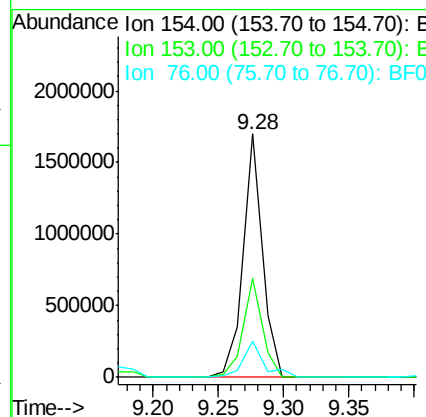
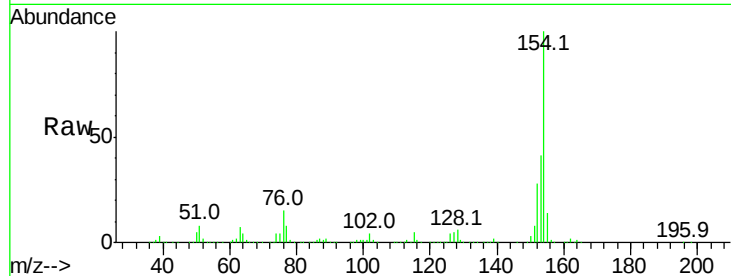
#45
 1,1'-Biphenyl
 Concen: 49.00 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.6	60.6
76	14.9	0.0	36.6

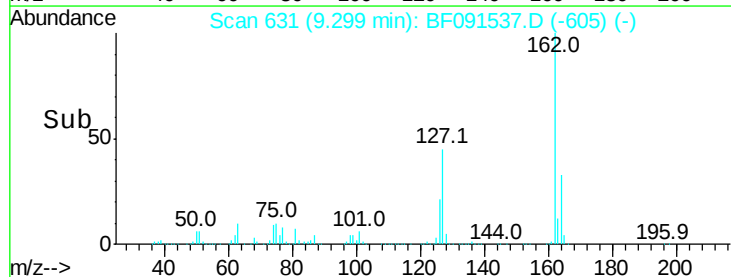
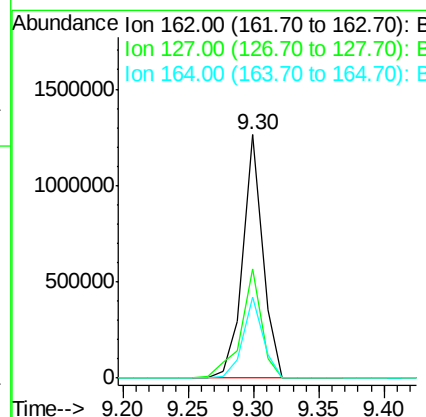
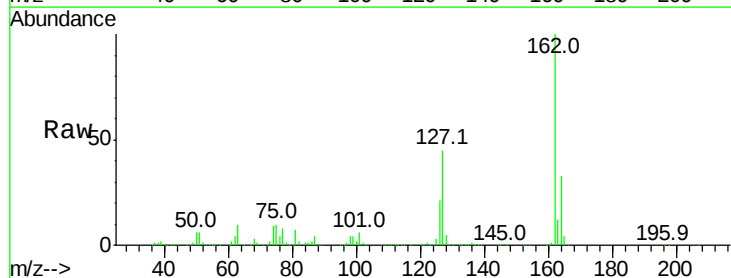
Manual Integrations
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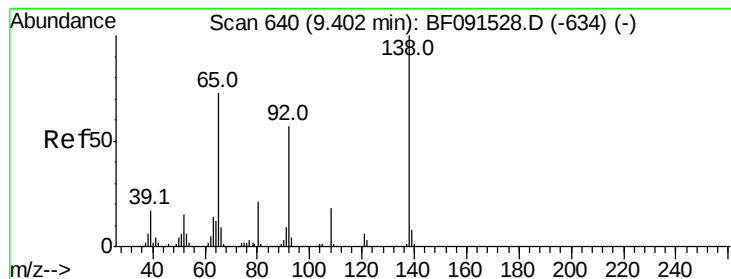
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#46
 2-Chloronaphthalene
 Concen: 48.67 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	34.3	51.5
164	33.1	26.6	40.0





#47

2-Nitroaniline

Concen: 53.57 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

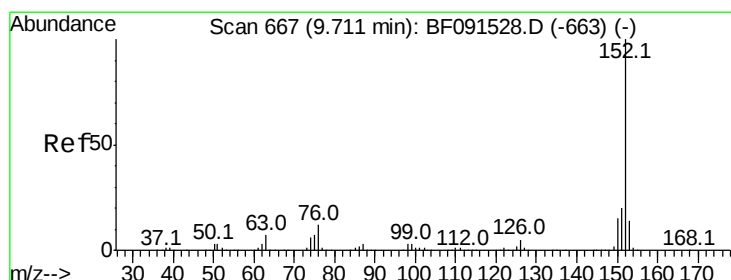
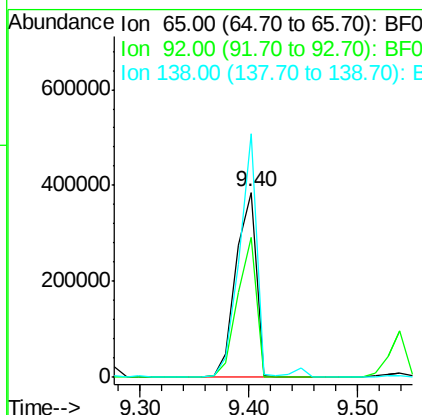
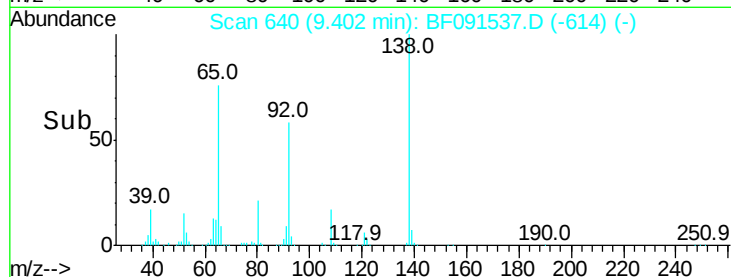
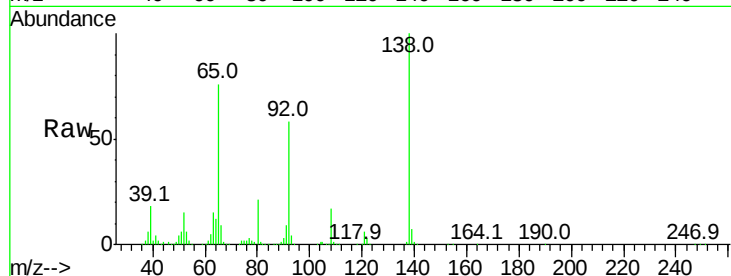
ClientSampleId :

PB95122BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.8	53.6	80.4
138	131.7	91.0	136.6

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#48

Acenaphthylene

Concen: 53.27 ng

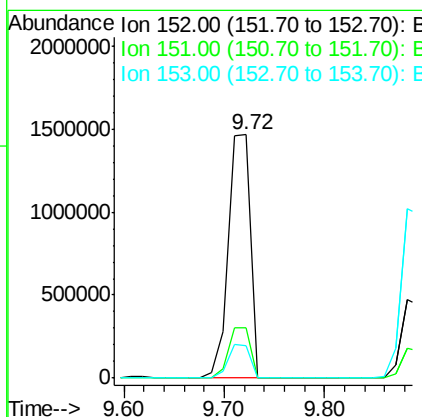
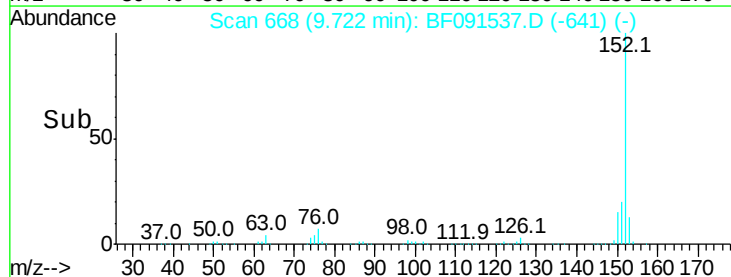
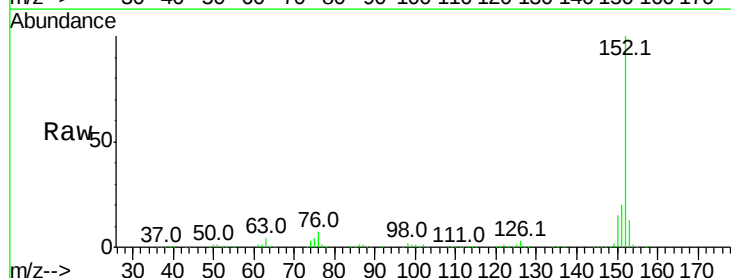
RT: 9.72 min Scan# 668

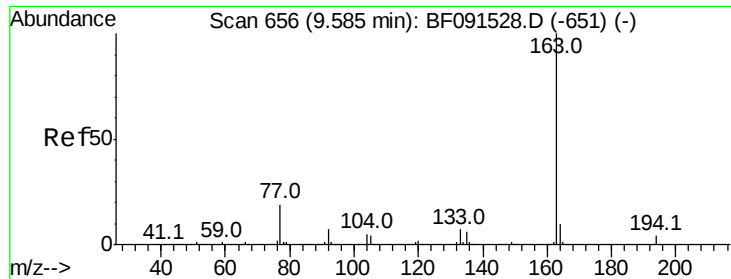
Delta R.T. 0.01 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	13.5	10.7	16.1





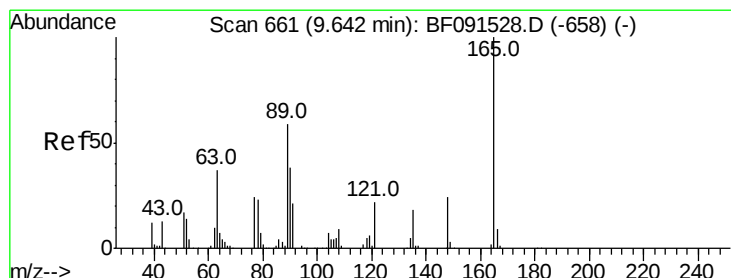
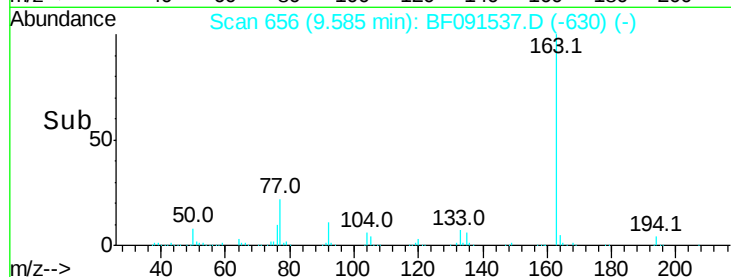
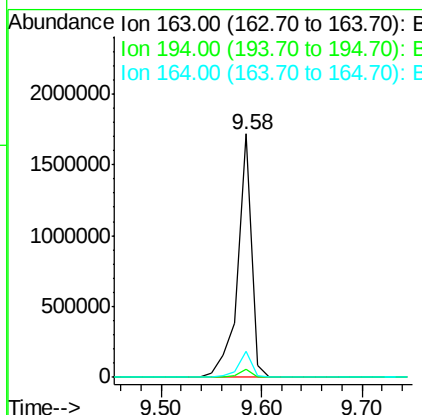
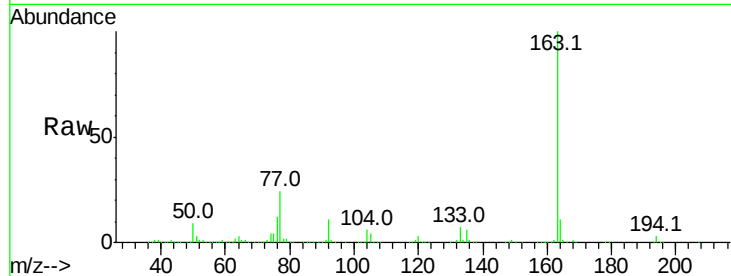
#49
Dimethylphthalate
Concen: 52.65 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.5	7.8	11.8

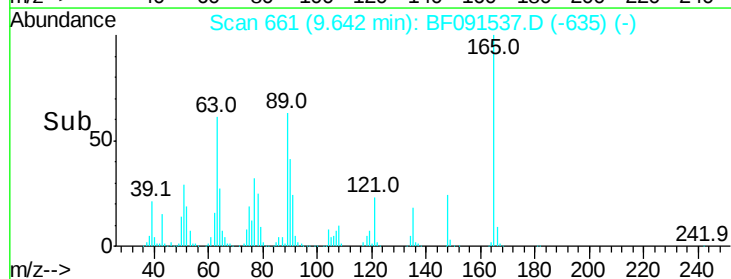
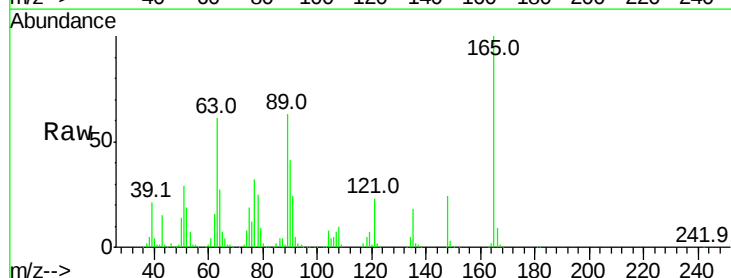
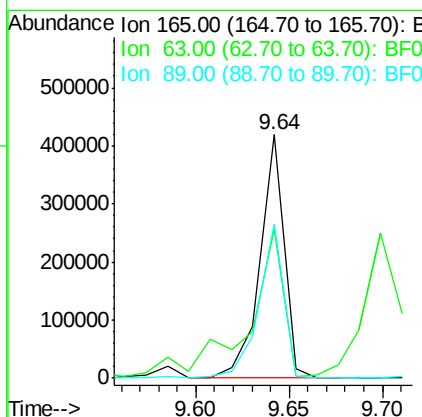
Manual Integrations
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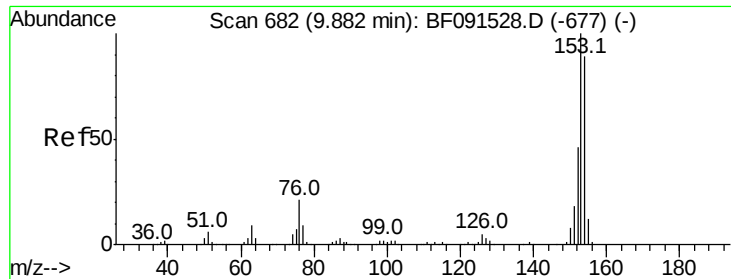
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#50
2,6-Dinitrotoluene
Concen: 54.89 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.2	59.4	89.0
89	63.0	50.8	76.2





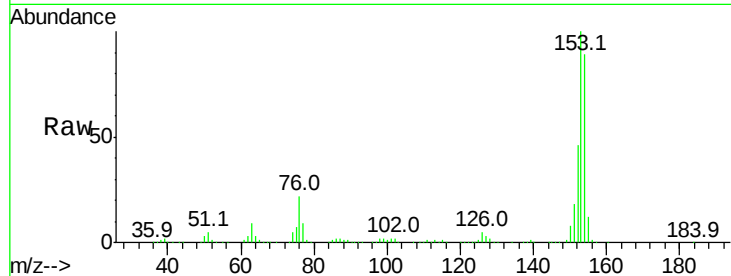
#51
Acenaphthene
Concen: 55.09 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

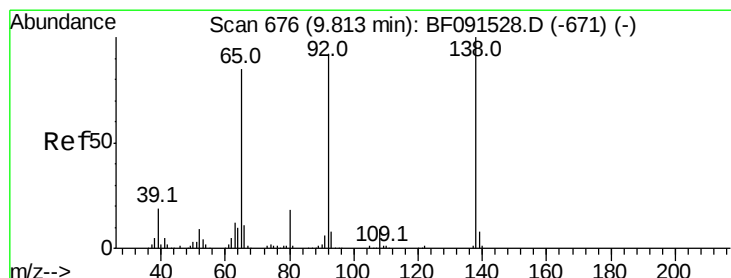
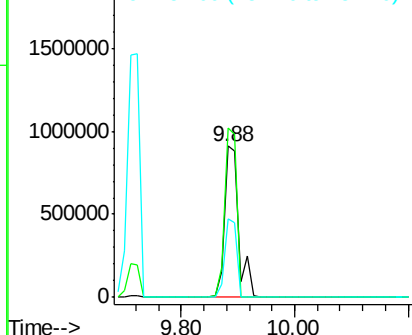
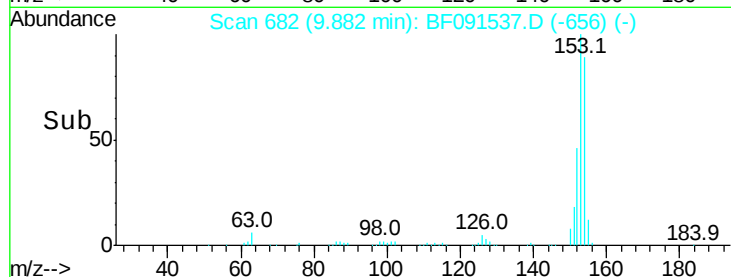
Tot Ion:154 Resp: 1600953
Ion Ratio Lower Upper
154 100
153 112.1 91.0 136.6
152 51.5 44.2 66.2

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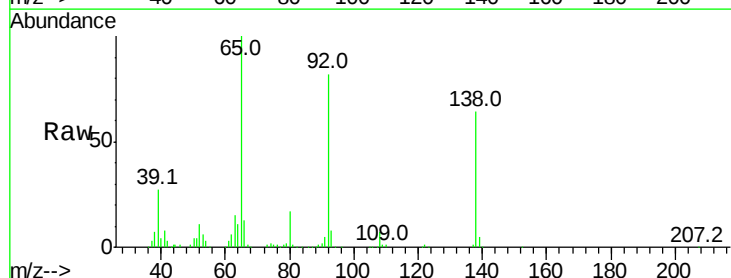


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

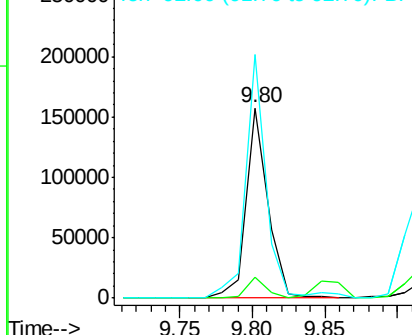
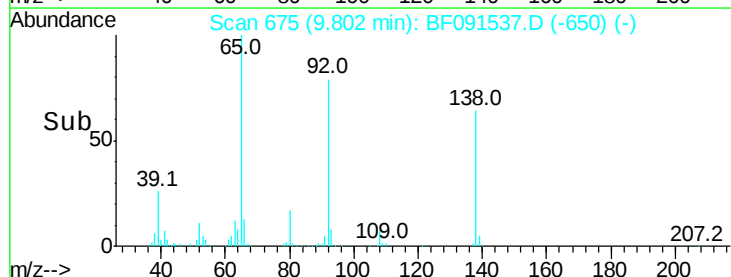


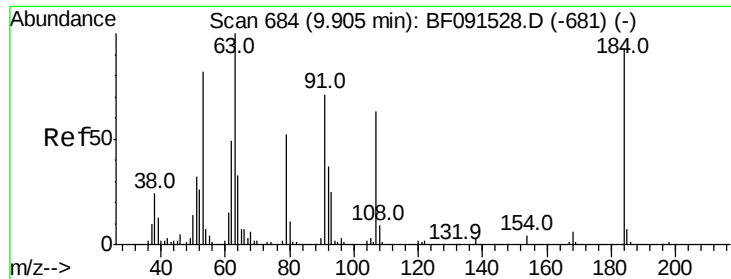
#52
3-Nitroaniline
Concen: 20.54 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion:138 Resp: 164074
Ion Ratio Lower Upper
138 100
108 11.0 8.1 12.1
92 128.0 92.5 138.7



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





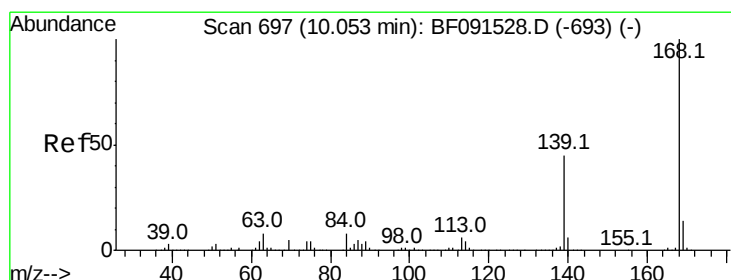
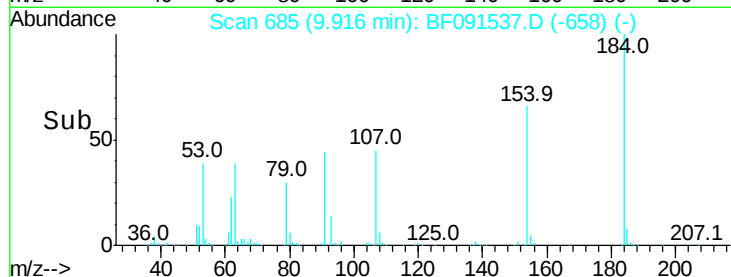
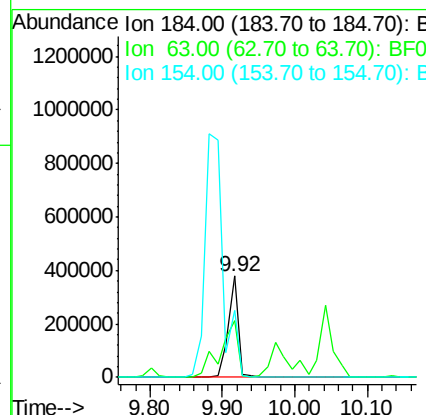
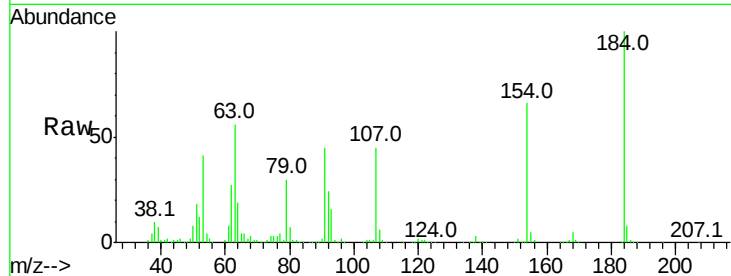
#53
2,4-Dinitrophenol
Concen: 108.54 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.5	58.3	87.5#
154	66.0	48.6	73.0

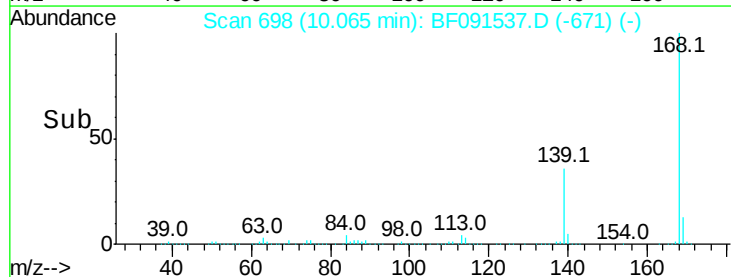
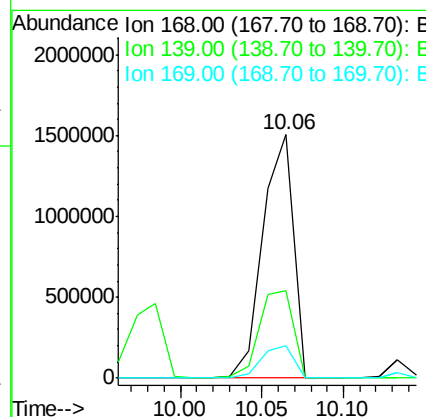
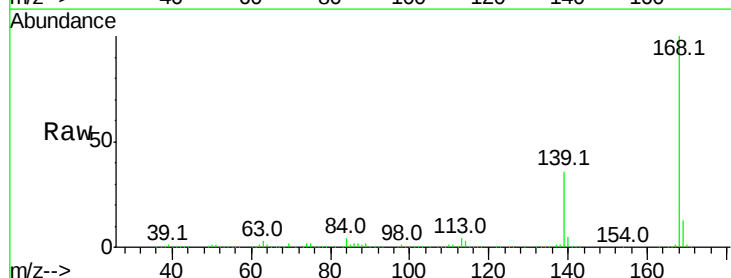
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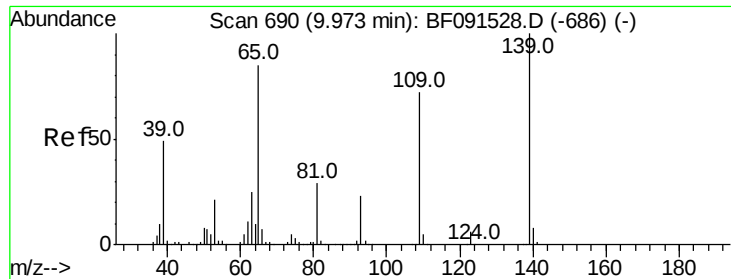
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#54
Dibenzofuran
Concen: 54.73 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	33.4	50.2
169	13.2	11.1	16.7





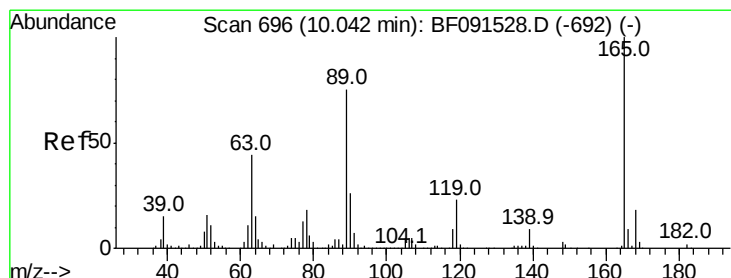
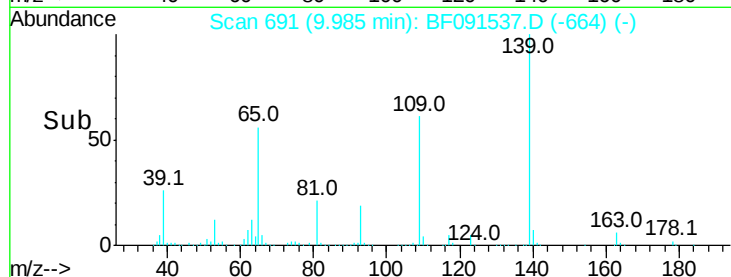
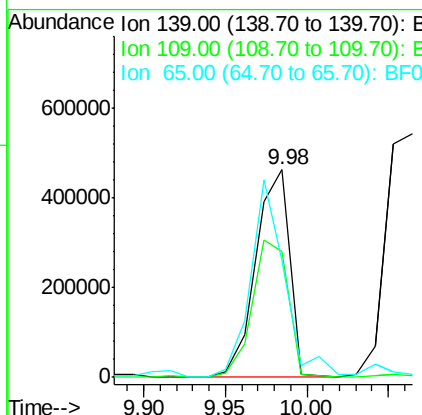
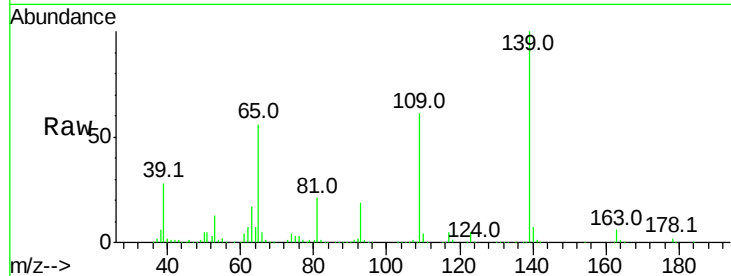
#55
4-Nitrophenol
Concen: 112.86 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	670865		
109	60.6	54.9	94.9	
65	56.1	102.2	142.2#	

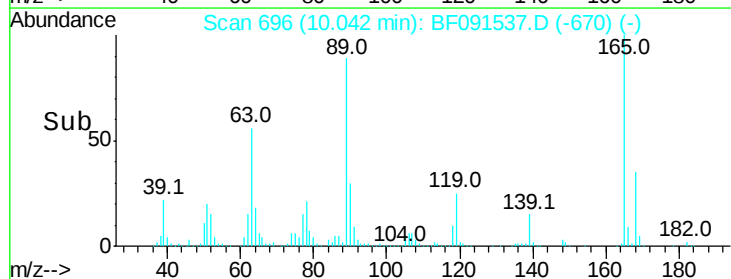
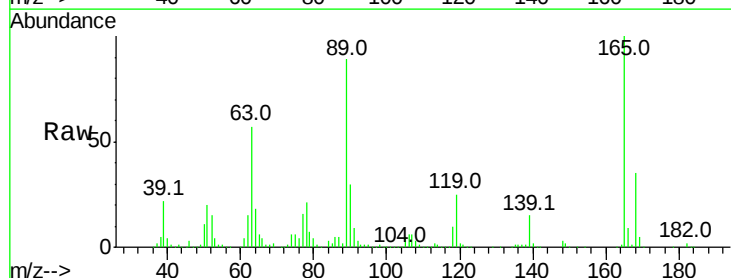
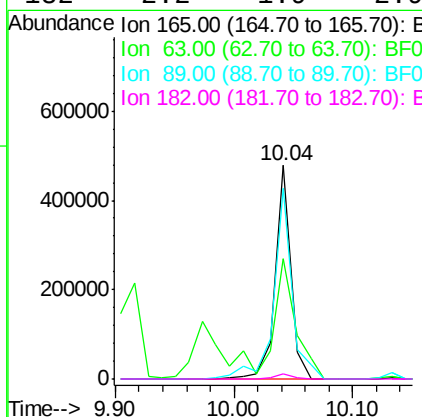
Manual Integrations
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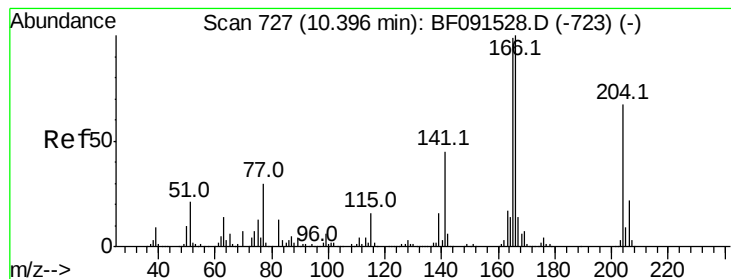
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#56
2,4-Dinitrotoluene
Concen: 51.87 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	442204		
63	56.5	29.0	43.4#	
89	89.2	43.1	64.7#	
182	2.2	1.9	2.9	





#57

Fluorene

Concen: 48.59 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:166 Resp: 1366120

Ion Ratio Lower Upper

166 100

165 98.6 80.0 120.0

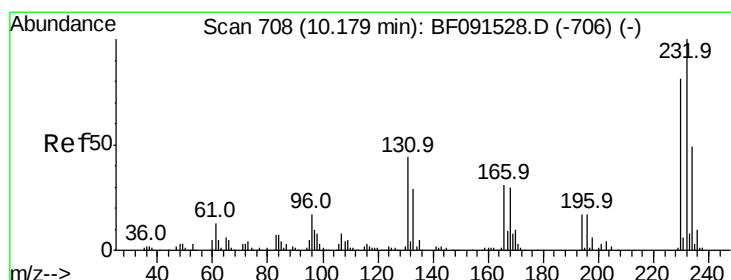
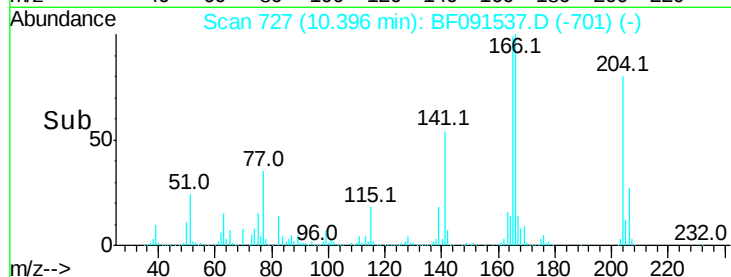
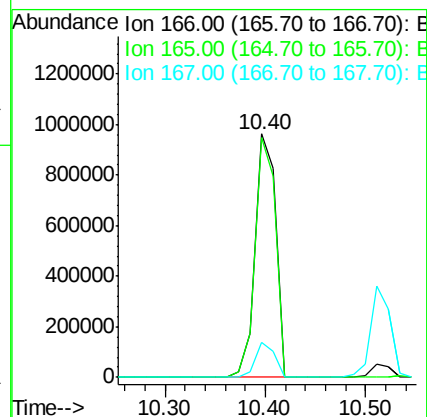
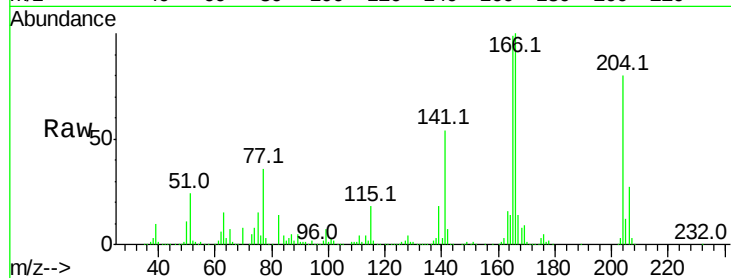
167 14.4 10.8 16.2

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.65 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:232 Resp: 386170

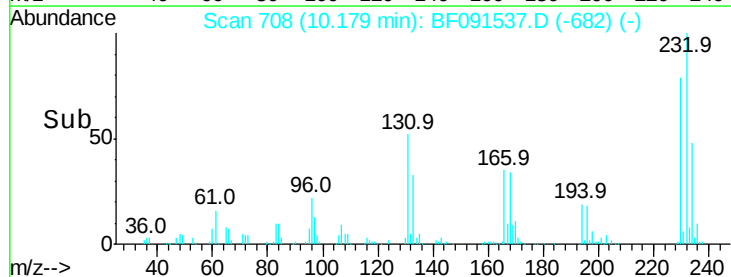
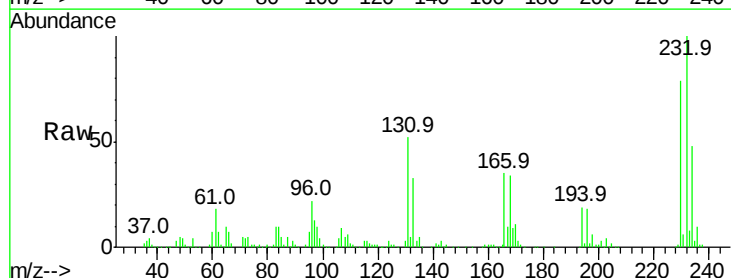
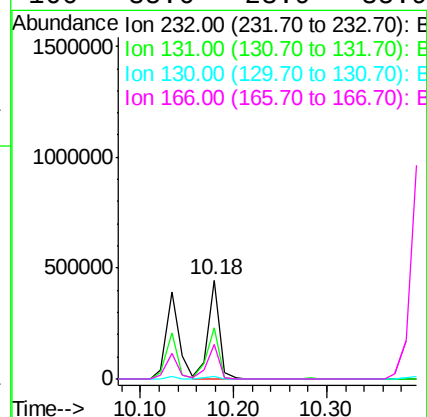
Ion Ratio Lower Upper

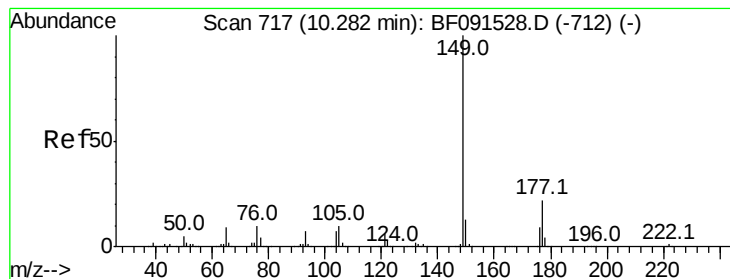
232 100

131 54.8 38.4 57.6

130 2.7 1.8 2.8

166 35.6 23.9 35.9





#59

Diethylphthalate

Concen: 52.95 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:149 Resp: 1580060

Ion Ratio Lower Upper

149 100

177 21.1 15.7 23.5

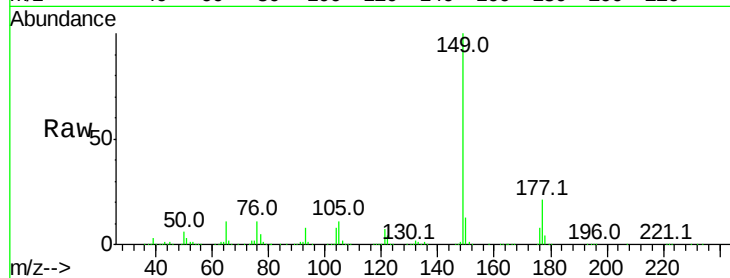
150 12.9 10.2 15.2

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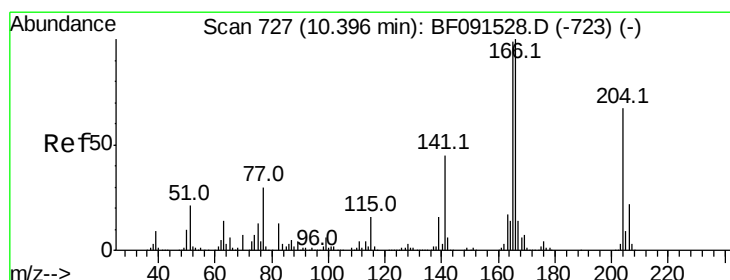
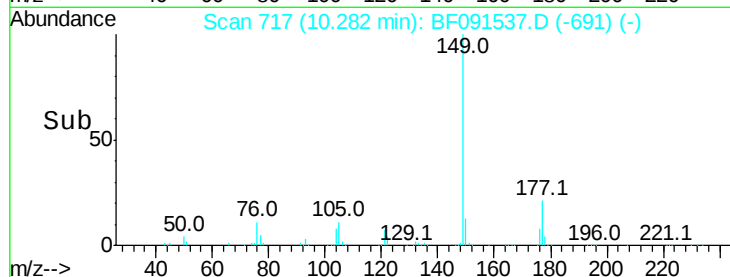
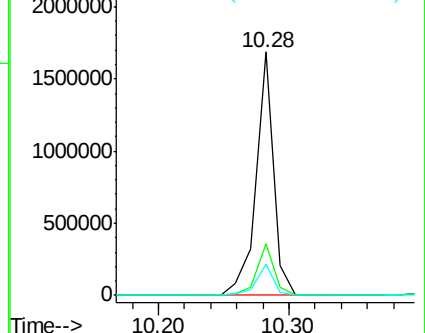
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.17 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

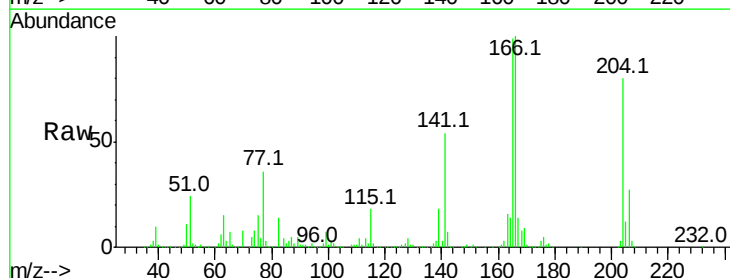
Tgt Ion:204 Resp: 674454

Ion Ratio Lower Upper

204 100

206 33.2 26.1 39.1

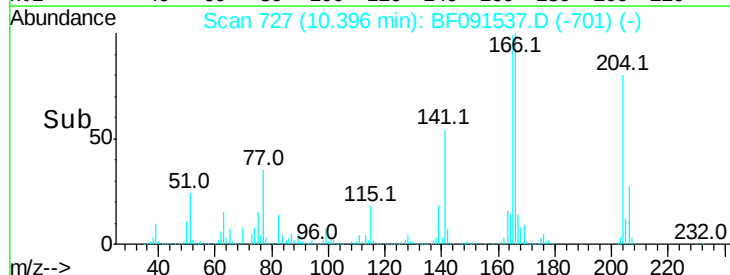
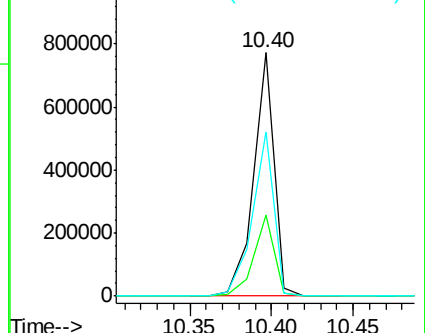
141 67.6 40.6 61.0#

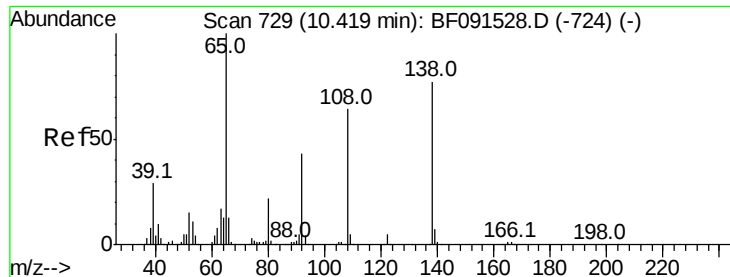


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.80 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

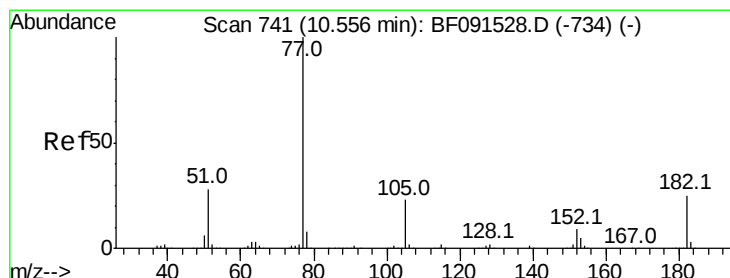
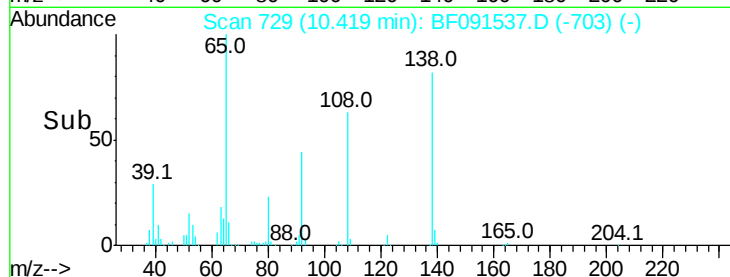
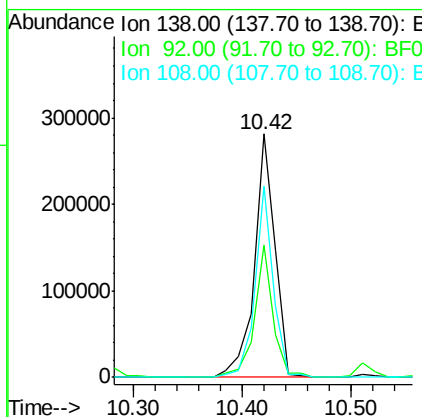
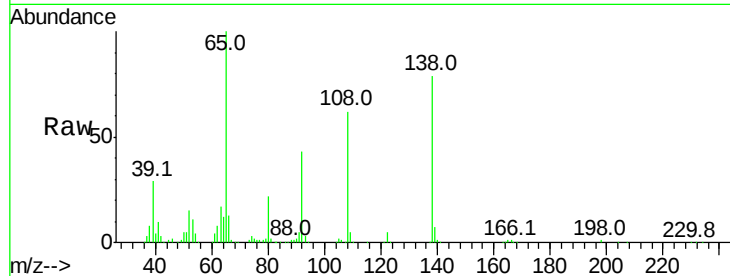
ClientSampleId :

PB95122BSD

Tot Ion:	138	Resp:	371616
Ion Ratio	Lower	Upper	
138	100		
92	54.3	26.9	66.9
108	78.3	49.1	89.1

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#62

Azobenzene

Concen: 57.66 ng

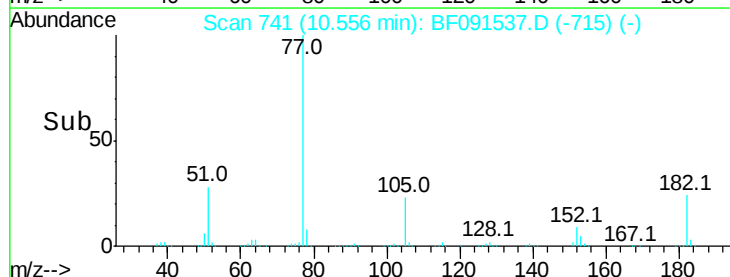
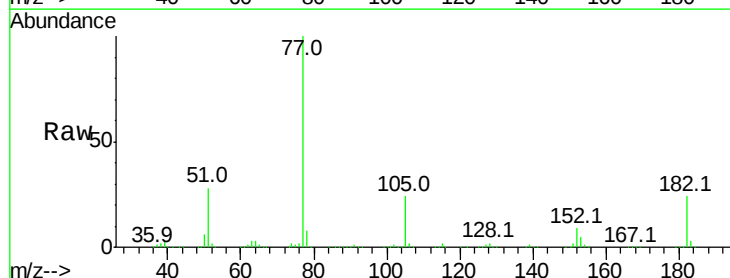
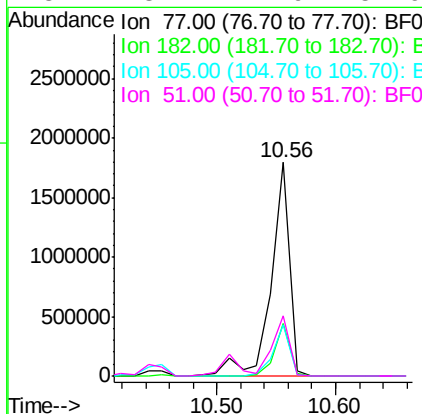
RT: 10.56 min Scan# 741

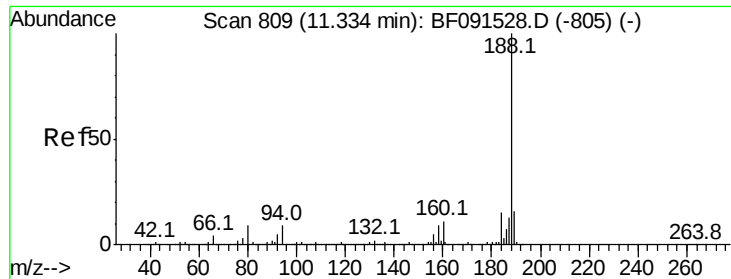
Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:	77	Resp:	1949737
Ion Ratio	Lower	Upper	
77	100		
182	24.3	12.5	52.5
105	23.9	3.7	43.7
51	28.4	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: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

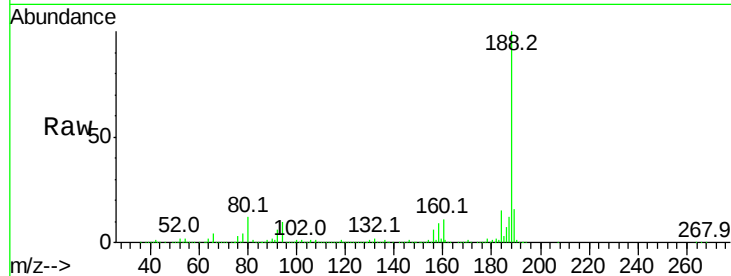
ClientSampleId :

PB95122BSD

Tot Ion:	188	Resp:	1492492
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.2	13.8
80	11.6	10.5	15.7

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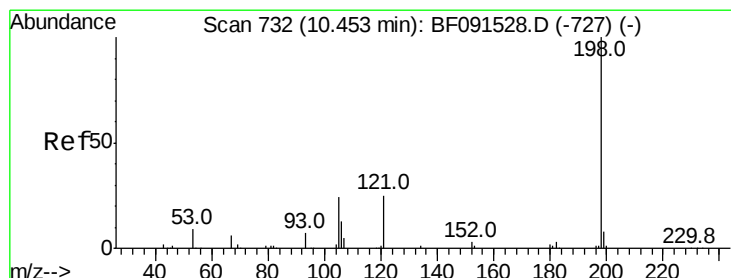
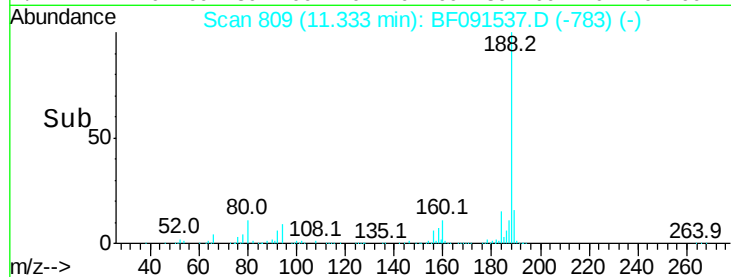
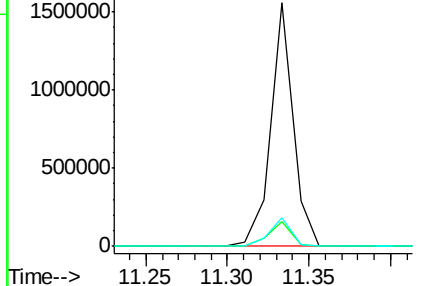
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 61.10 ng

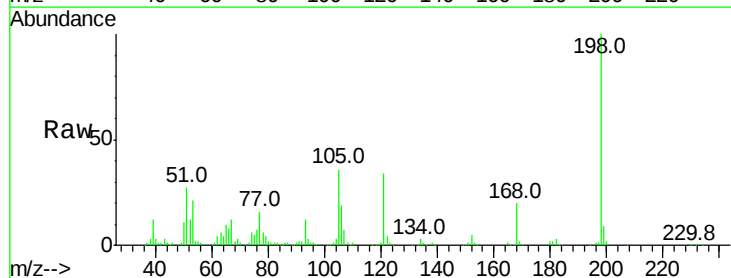
RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

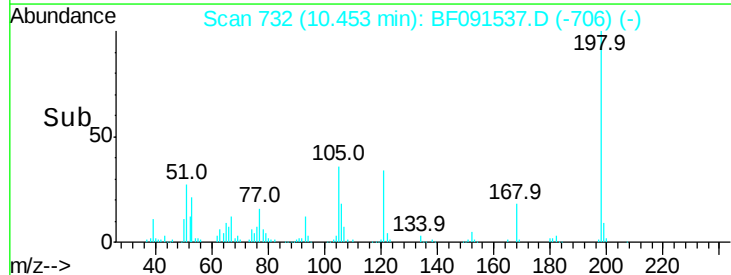
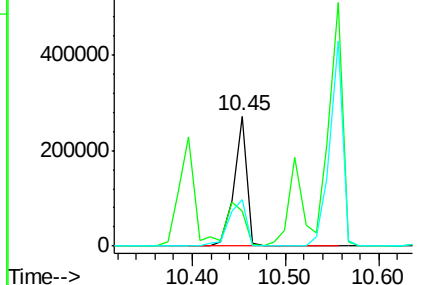
Tgt Ion:	198	Resp:	266582
Ion Ratio	Lower	Upper	
198	100		
51	27.2	77.1	117.1#
105	35.9	44.8	84.8#

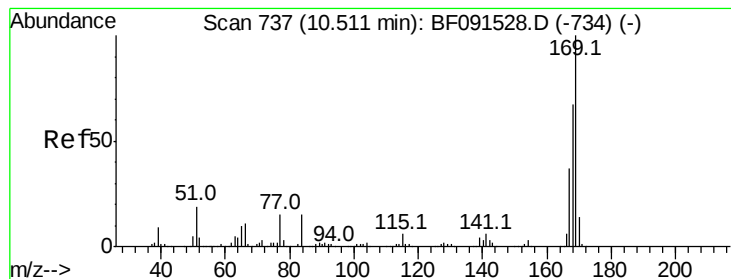


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





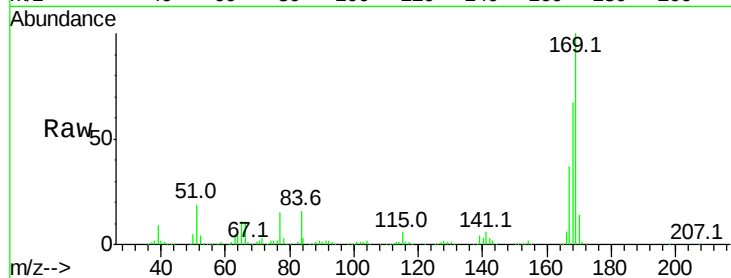
#65
n-Nitrosodiphenylamine
Concen: 58.18 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

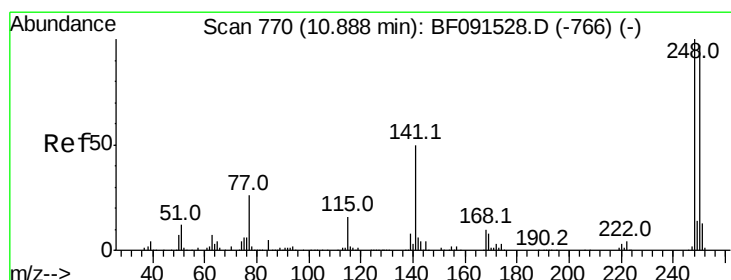
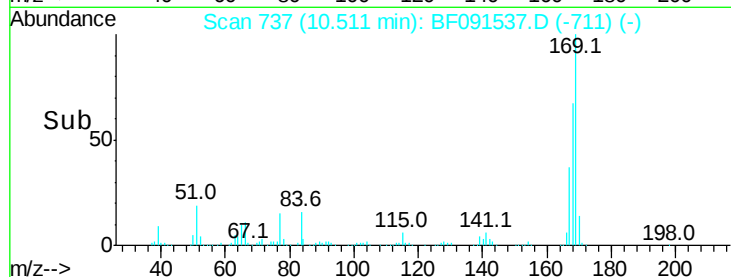
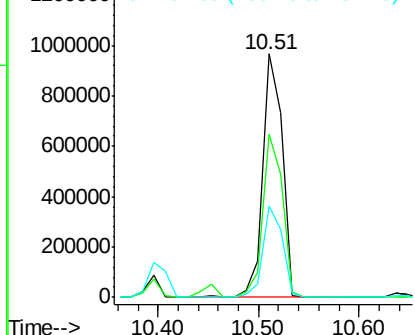
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.8	80.8
167	37.4	29.8	44.8

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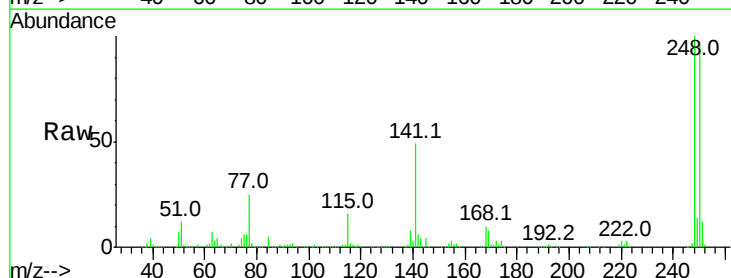


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

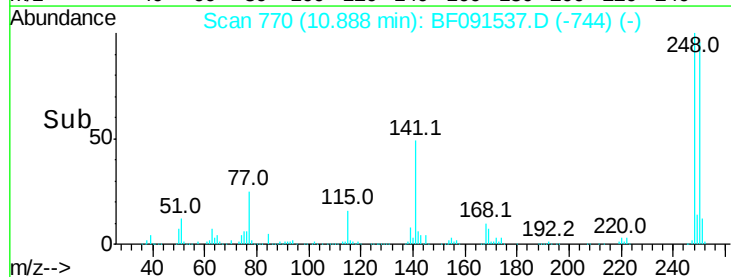
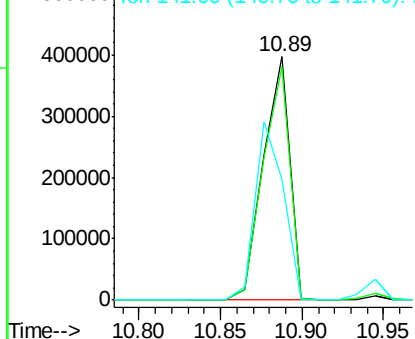


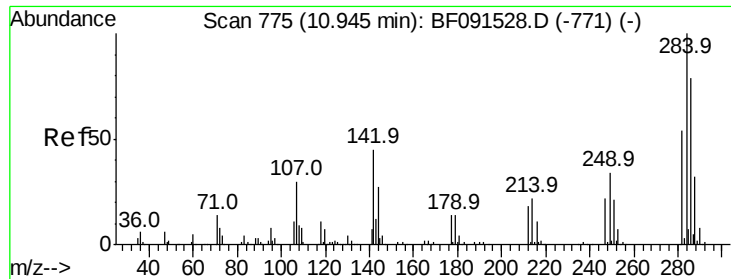
#66
4-Bromophenyl-phenylether
Concen: 58.84 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.2	117.4
141	49.5	71.9	107.9#



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





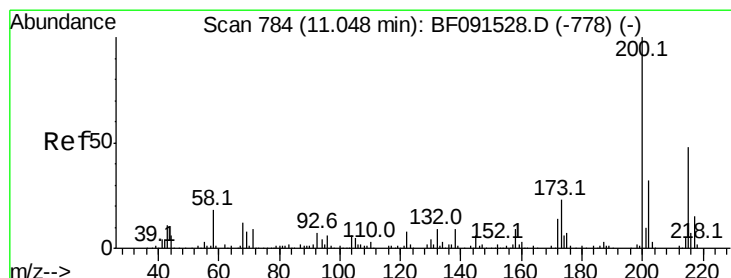
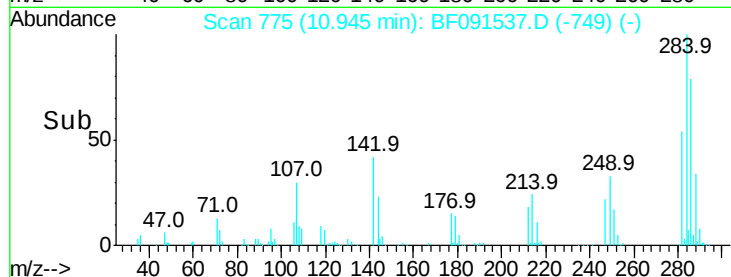
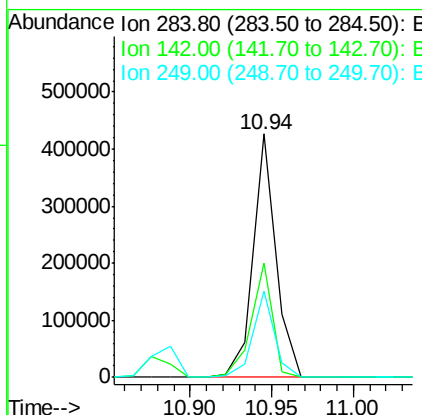
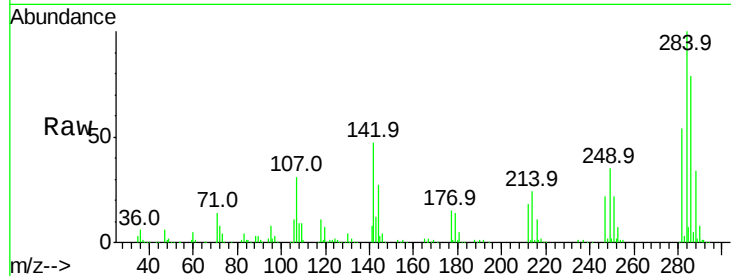
#67
Hexachlorobenzene
Concen: 52.24 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	415639		
142	47.0	17.9	26.9#	
249	35.3	23.6	35.4	

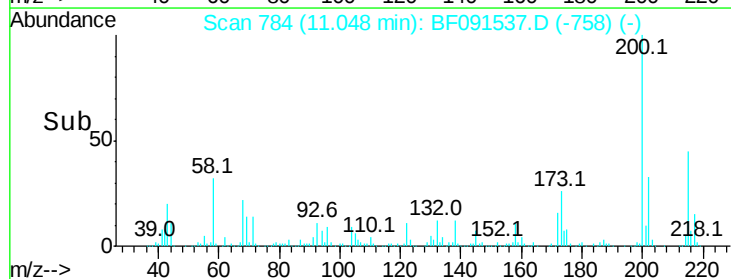
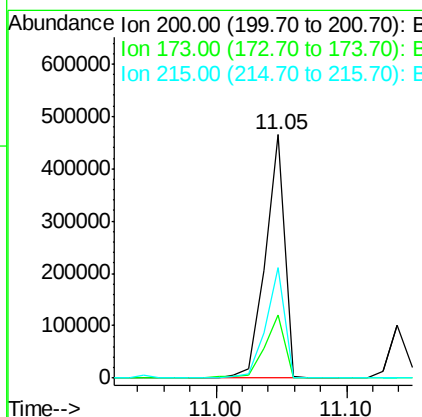
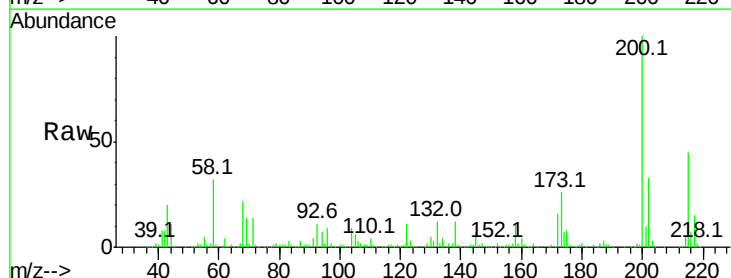
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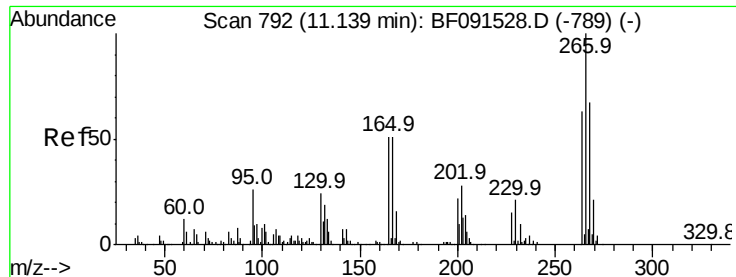
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#68
Atrazine
Concen: 66.96 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	479025		
173	25.9	7.8	47.8	
215	45.4	24.3	64.3	





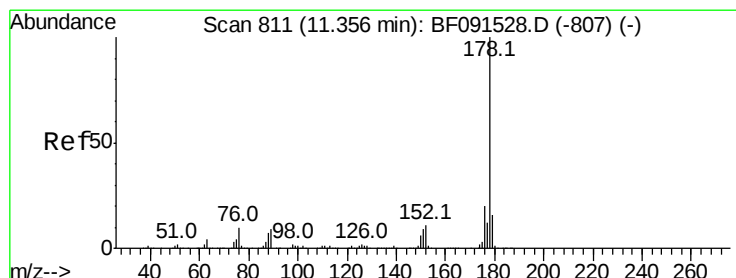
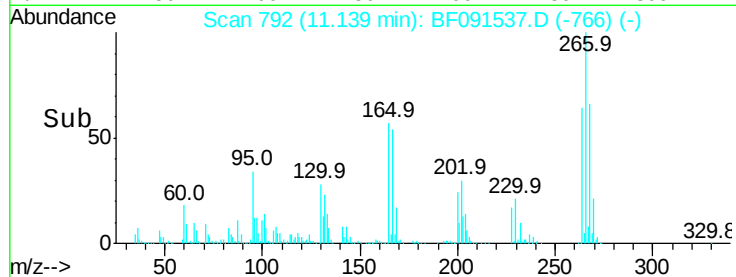
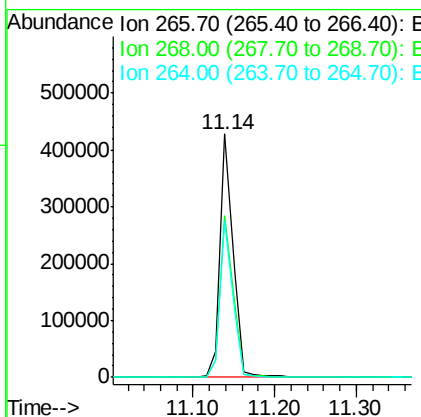
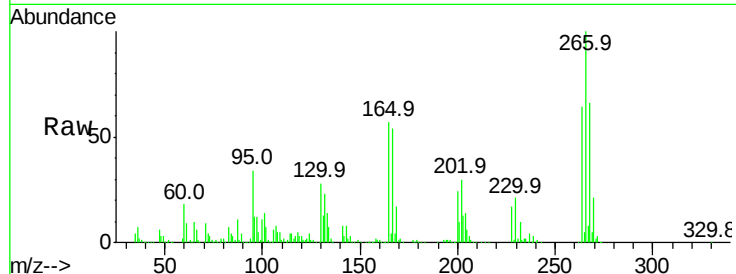
#69
 Pentachlorophenol
 Concen: 105.90 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	474136		
268	66.4	50.3	75.5	
264	64.1	48.2	72.2	

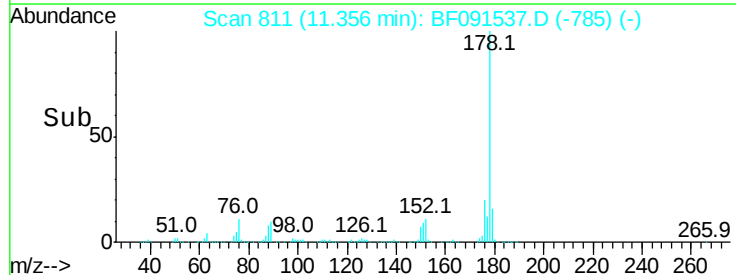
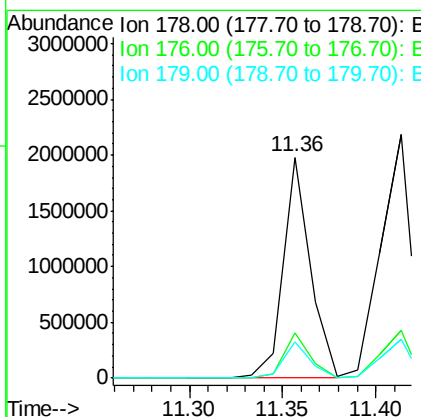
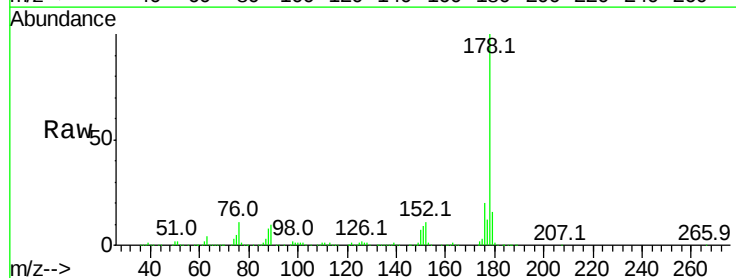
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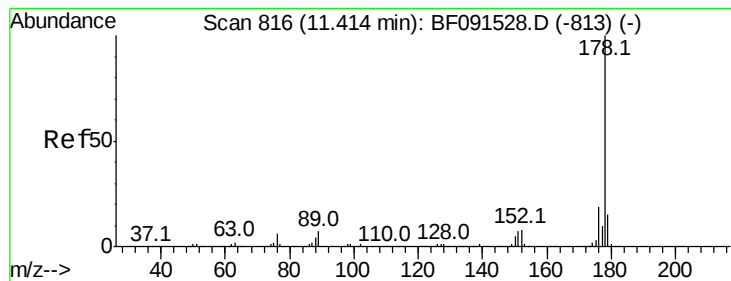
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#70
 Phenanthrene
 Concen: 54.37 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2009066		
176	20.3	15.9	23.9	
179	16.4	12.6	18.8	





#71

Anthracene

Concen: 58.60 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:178 Resp: 2335708

Ion Ratio Lower Upper

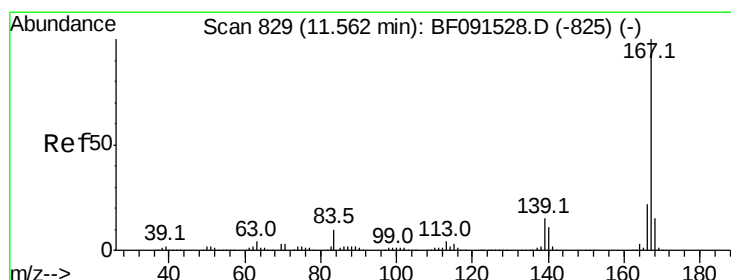
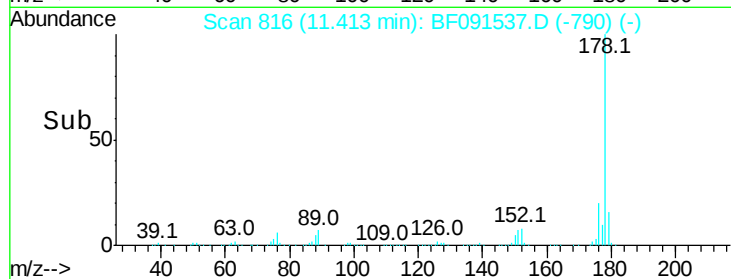
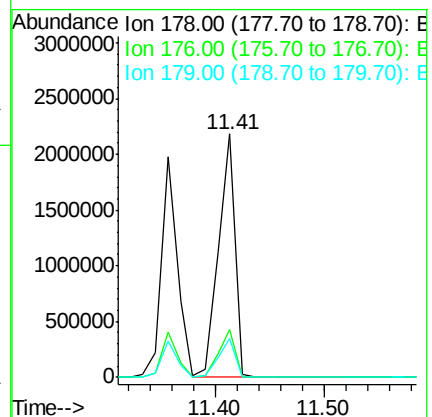
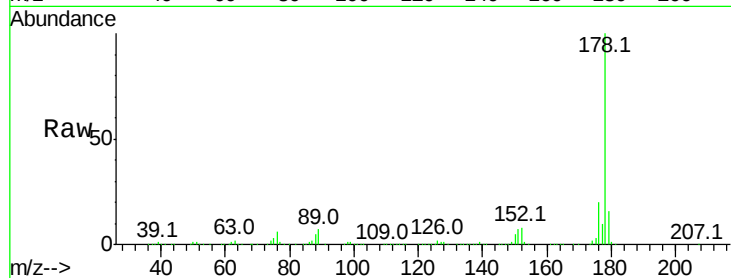
178 100

176 19.7 15.8 23.6

179 16.0 12.7 19.1

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#72

Carbazole

Concen: 51.16 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

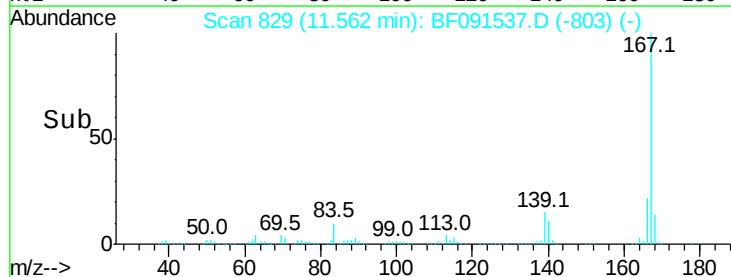
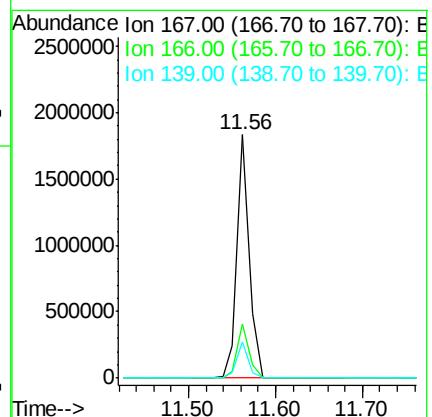
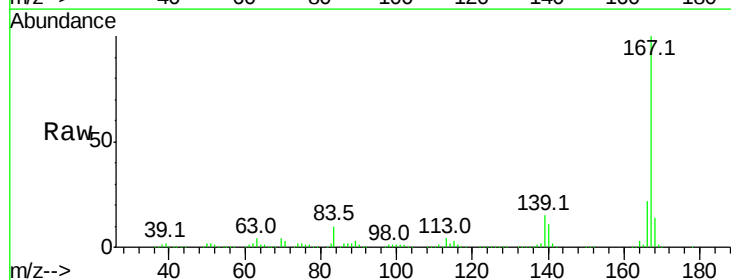
Tgt Ion:167 Resp: 1787543

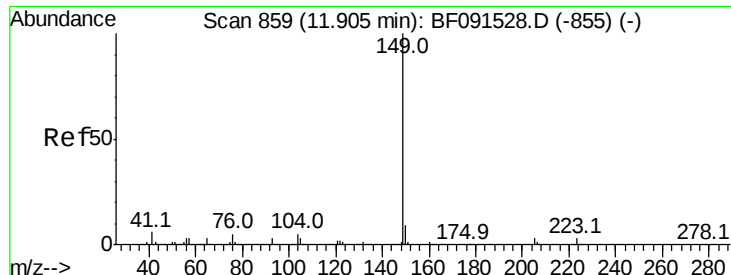
Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

139 14.9 11.5 17.3





#73

Di-n-butylphthalate

Concen: 62.75 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:149 Resp: 2554365

Ion Ratio Lower Upper

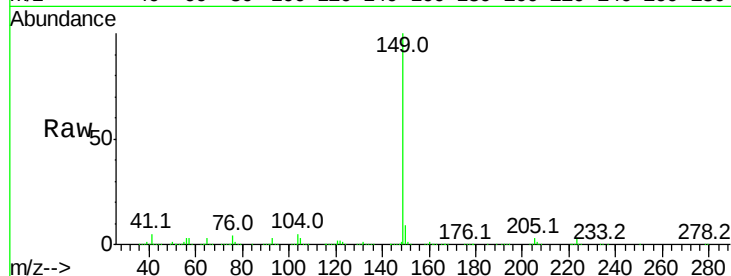
149 100

150 9.5 7.5 11.3

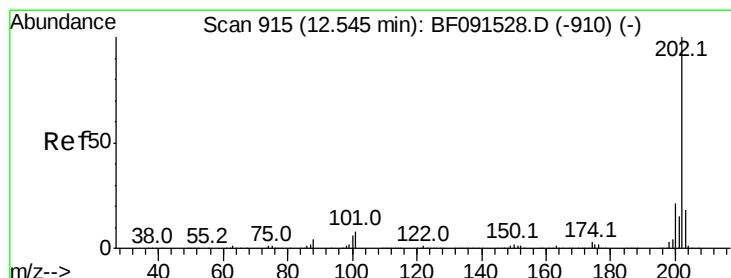
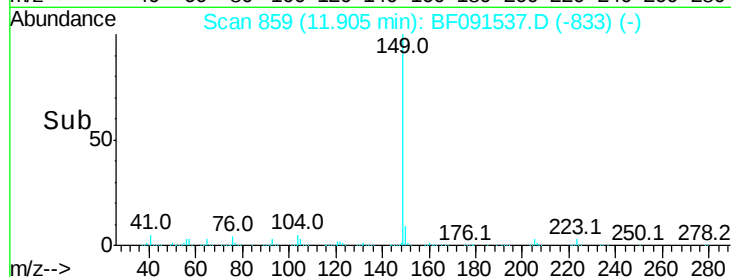
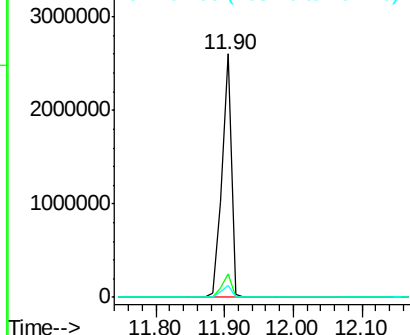
104 4.7 4.0 6.0

Manual Integrations
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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: 60.07 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

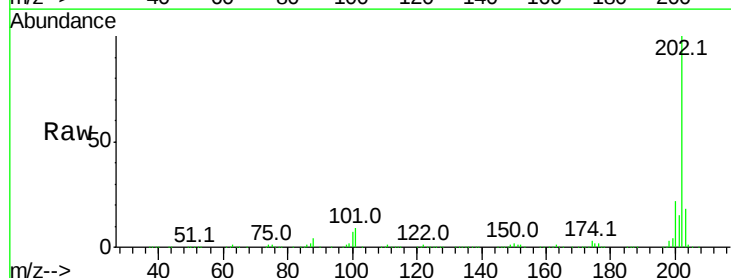
Tgt Ion:202 Resp: 2324540

Ion Ratio Lower Upper

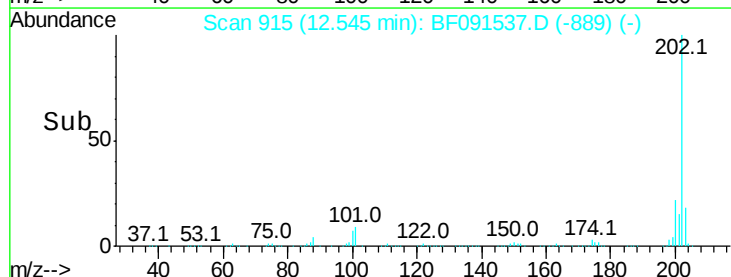
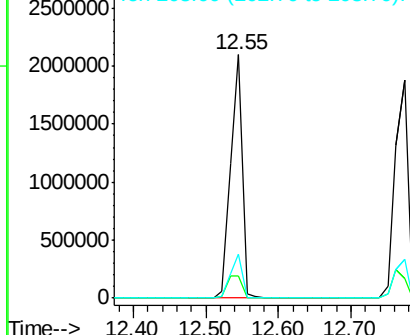
202 100

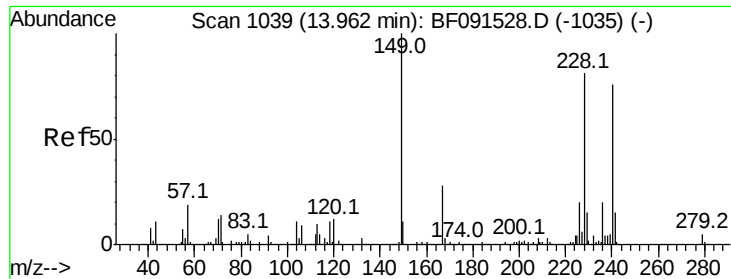
101 9.1 0.0 29.5

203 18.0 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





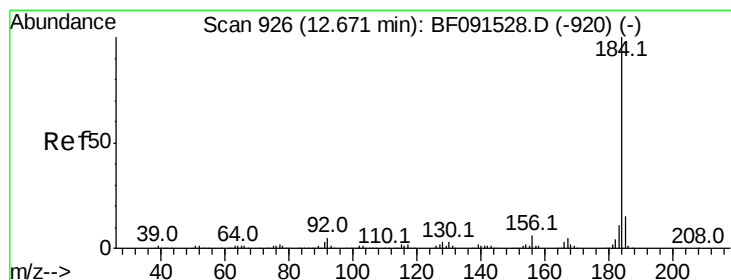
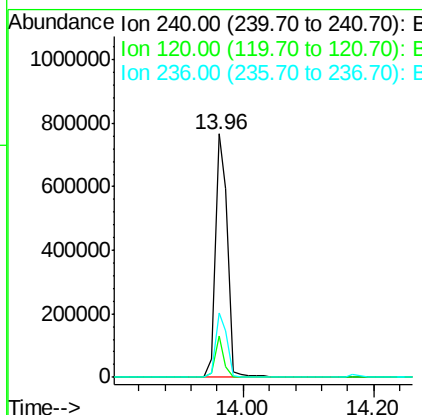
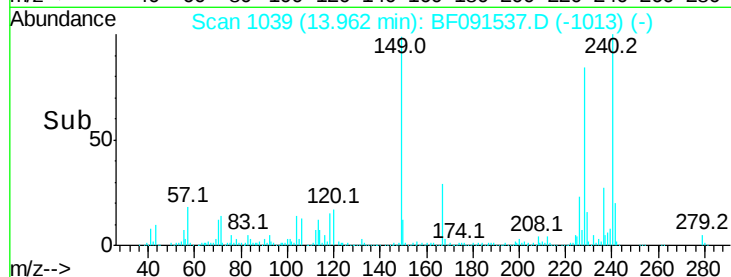
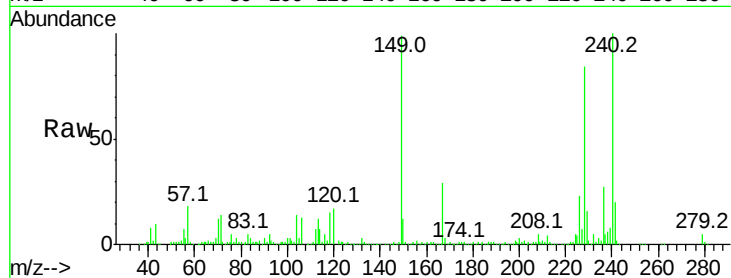
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

Tot Ion:240 Resp: 1011291
Ion Ratio Lower Upper
240 100
120 17.3 12.1 18.1
236 26.6 21.0 31.6

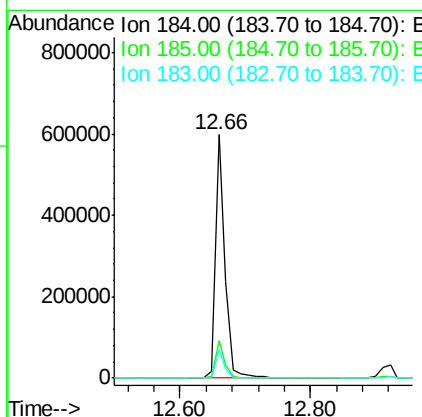
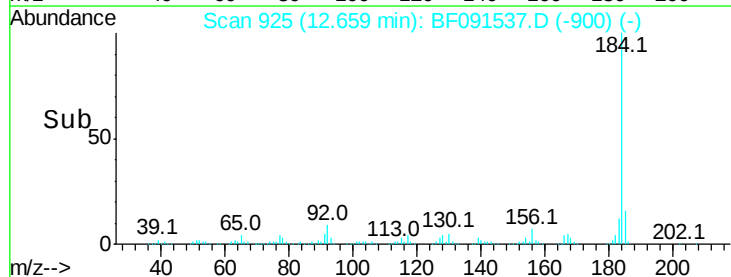
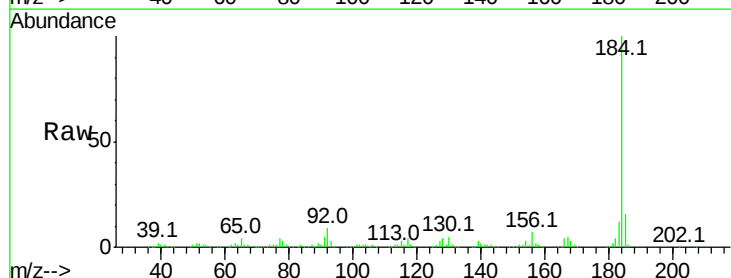
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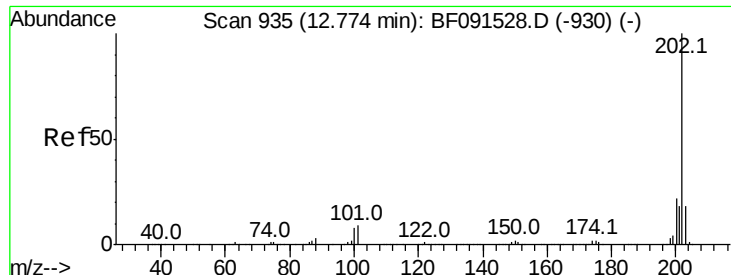
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#76
Benzidine
Concen: 39.69 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion:184 Resp: 620537
Ion Ratio Lower Upper
184 100
185 15.6 13.1 19.7
183 11.7 8.9 13.3





#77

Pvrene

Concen: 57.39 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

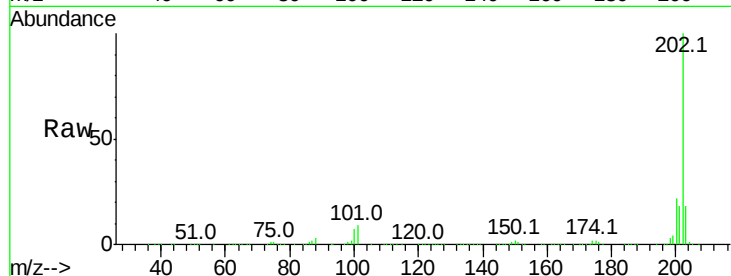
ClientSampleId :

PB95122BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.9	14.0	21.0

Manual Integrations
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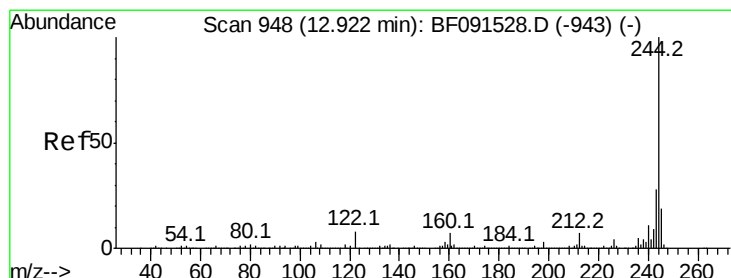
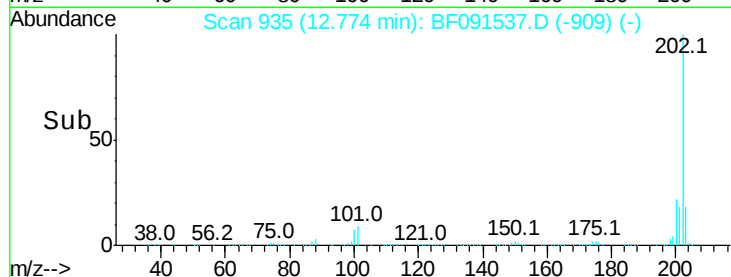
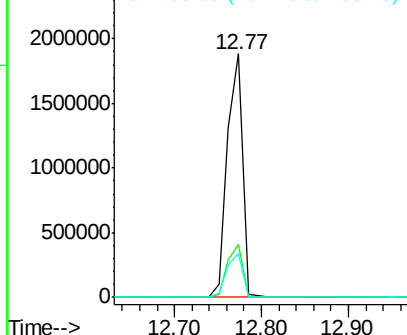


Abundance

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: 118.68 ng

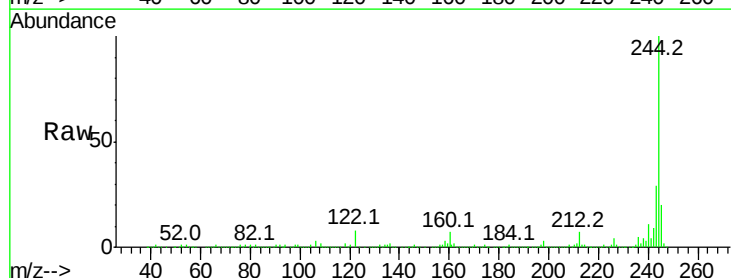
RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	8.2	9.5	14.3#

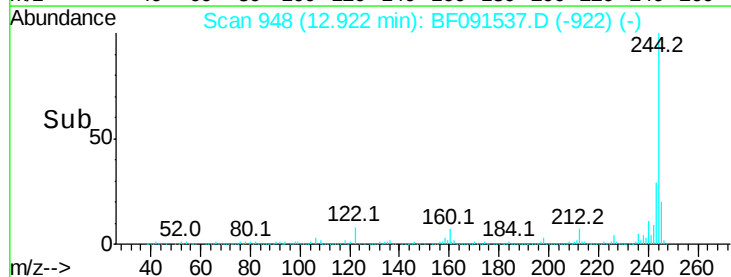
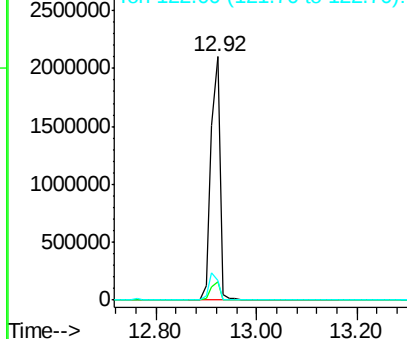


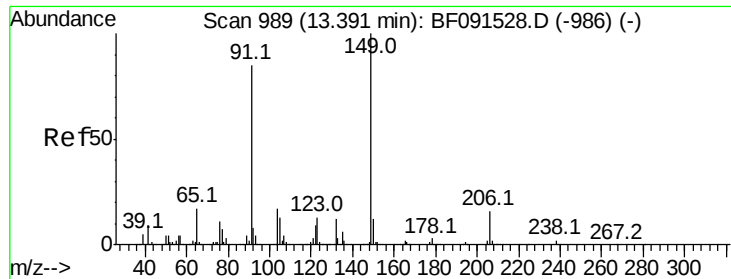
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





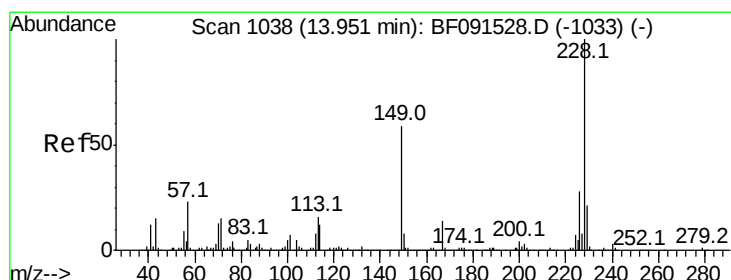
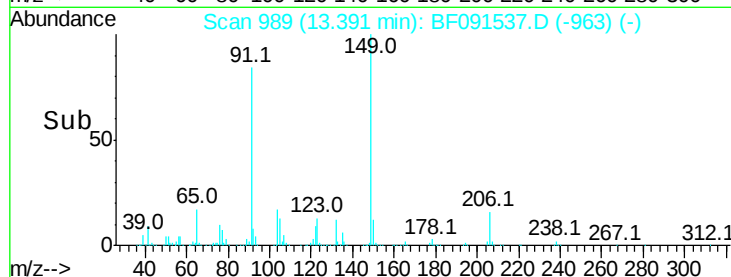
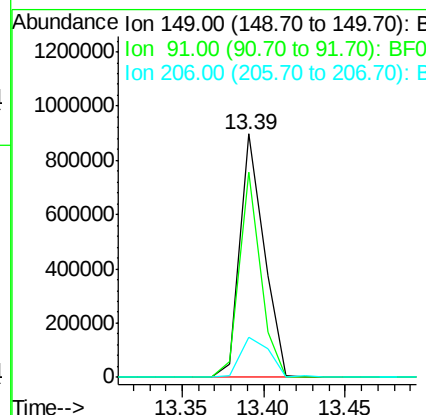
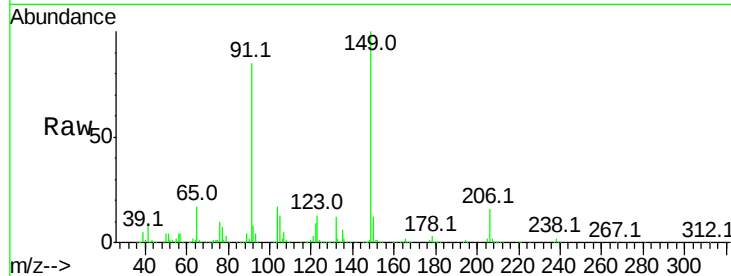
#79
 Butylbenzylphthalate
 Concen: 58.31 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	911808		
91	84.5	57.4	86.2	
206	16.5	15.4	23.2	

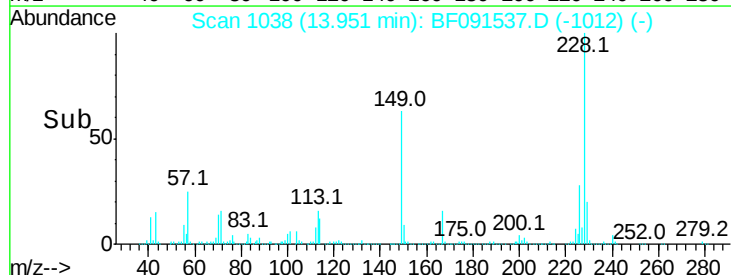
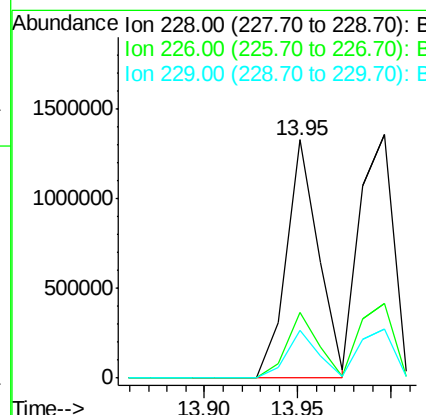
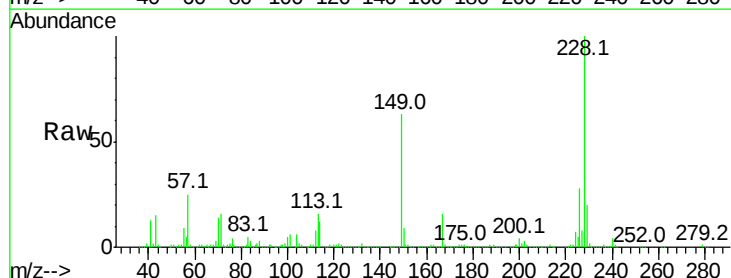
Manual Integrations
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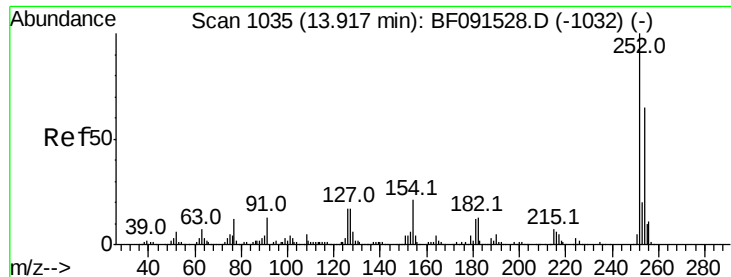
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#80
 Benzo(a)anthracene
 Concen: 54.52 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1600860		
226	27.8	22.5	33.7	
229	20.3	16.4	24.6	





#81

3,3'-Dichlorobenzidine

Concen: 23.86 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

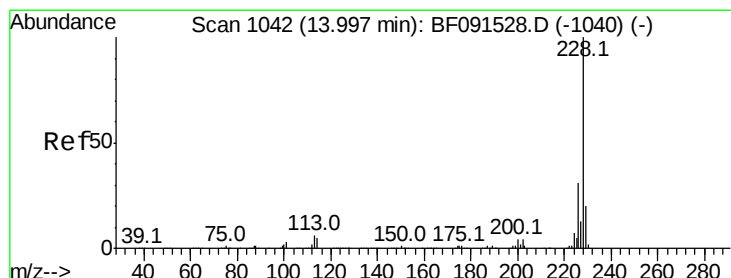
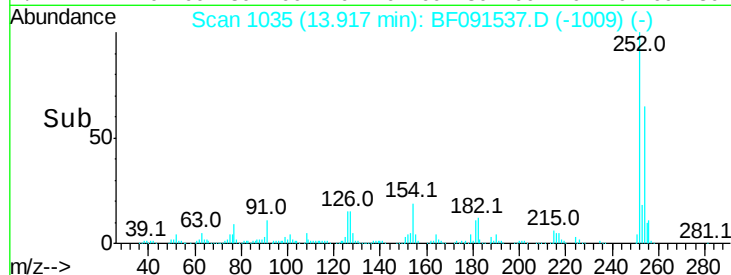
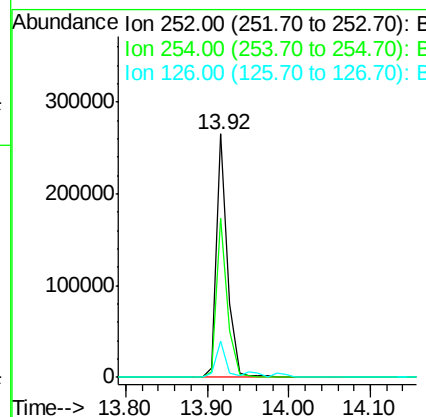
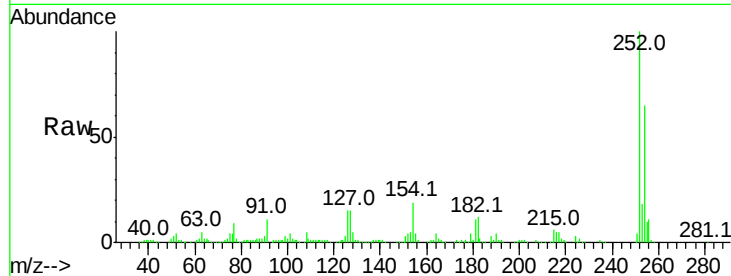
ClientSampleId :

PB95122BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	251640		
254	65.2	52.1	78.1	
126	14.8	7.5	11.3	

Manual Integrations
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#82

Chrysene

Concen: 56.41 ng

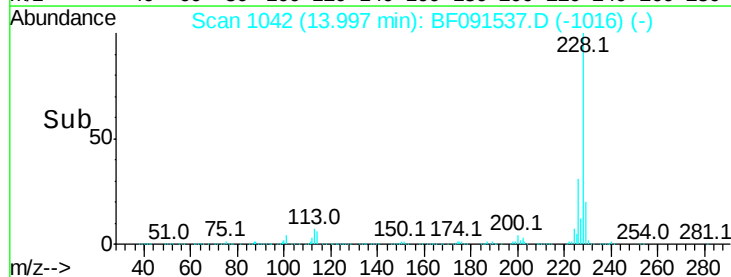
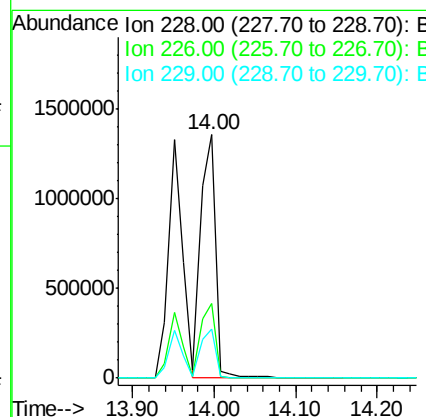
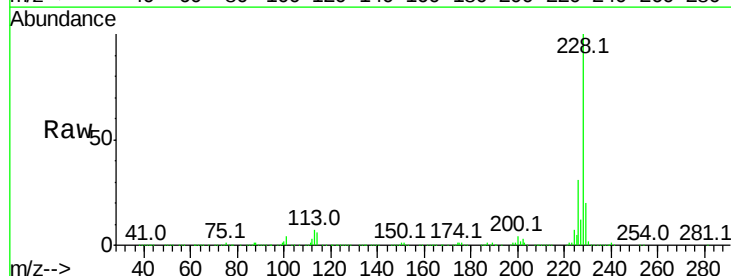
RT: 14.00 min Scan# 1042

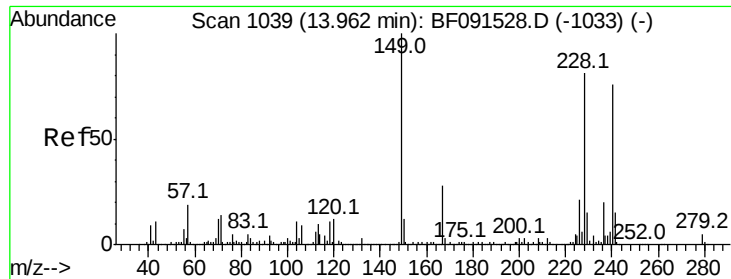
Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1733063		
226	30.9	25.0	37.4	
229	19.9	16.0	24.0	





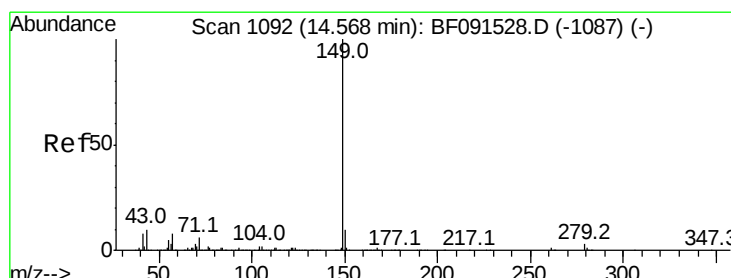
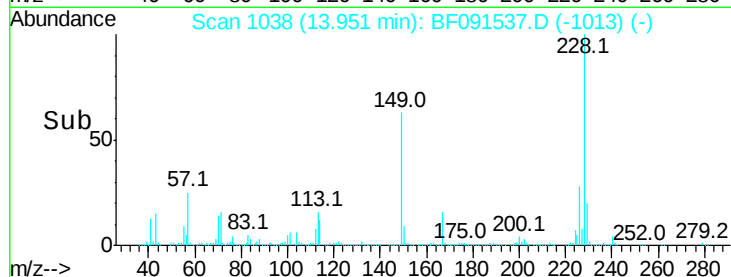
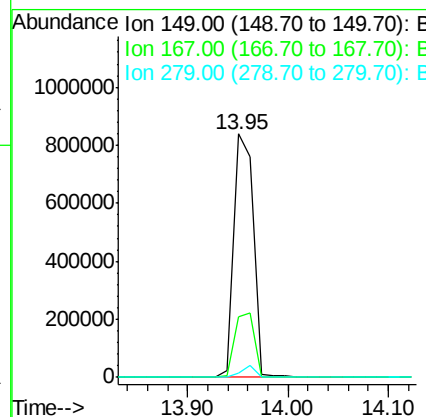
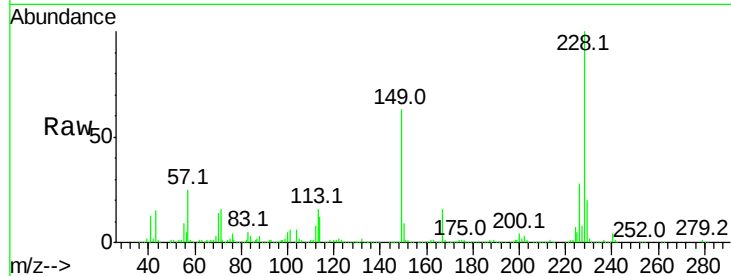
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.42 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 PB95122BSD

Tot Ion:149 Resp: 1131931
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.6 29.4
 279 2.0 1.9 2.9

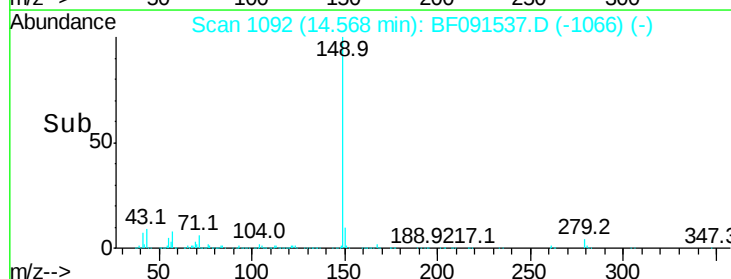
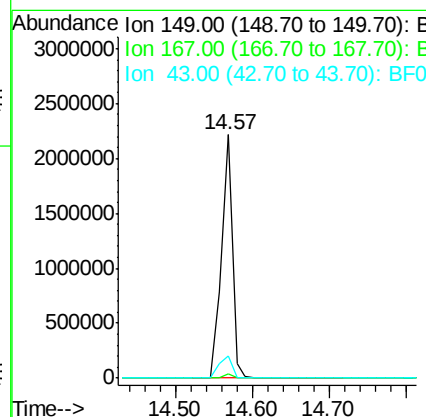
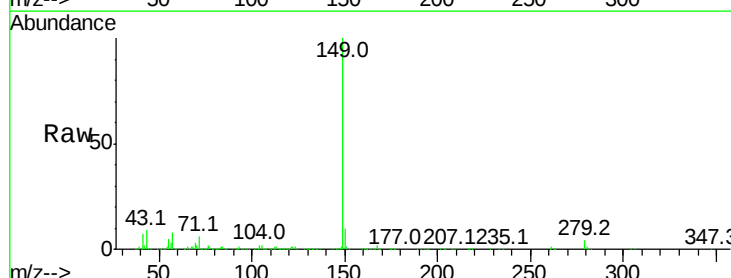
Manual Integrations
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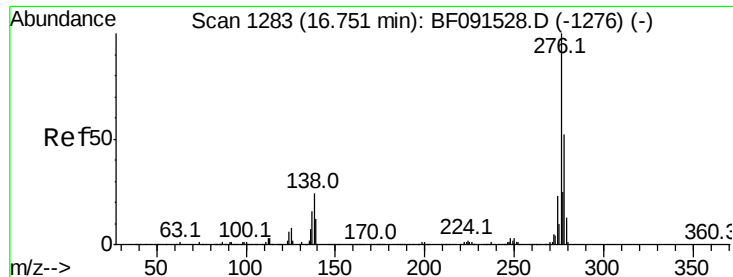
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#84
 Di-n-octyl phthalate
 Concen: 64.03 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091537.D
 Acq: 9 Dec 2016 19:53

Tgt Ion:149 Resp: 2180634
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 11.9 17.9#





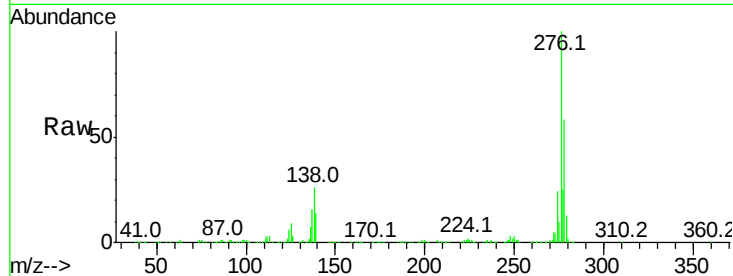
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.87 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampleId :
PB95122BSD

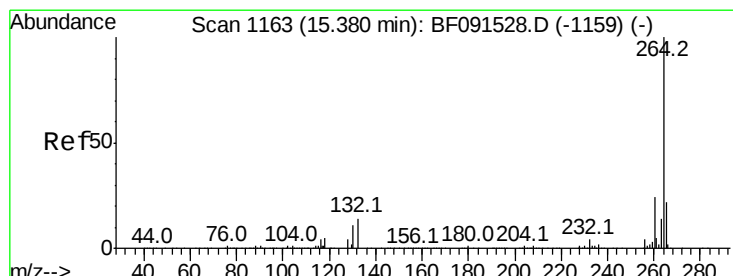
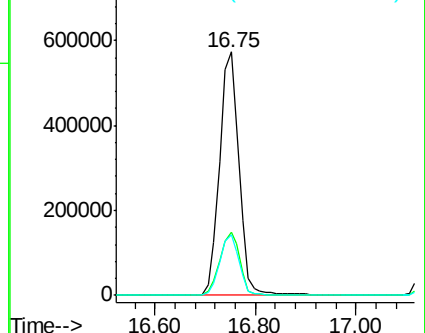
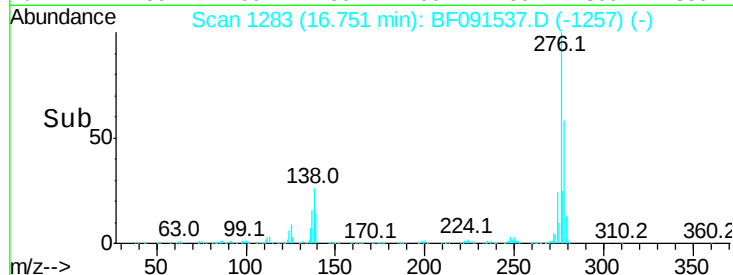
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.4
277	25.1	20.2	30.2

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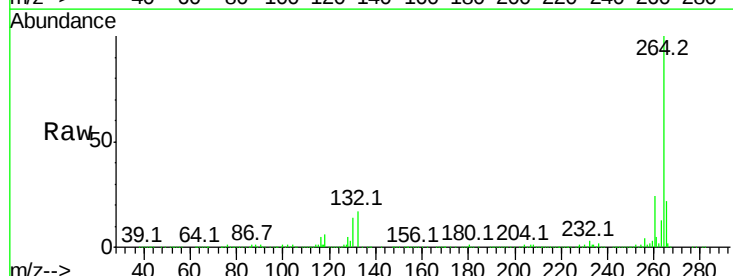


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

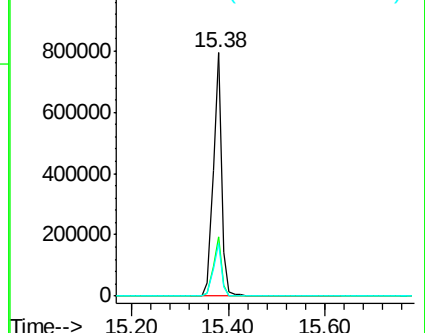
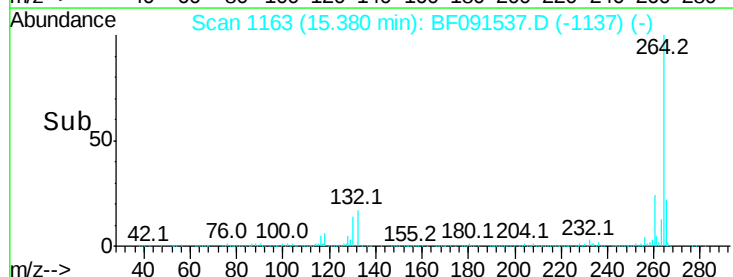


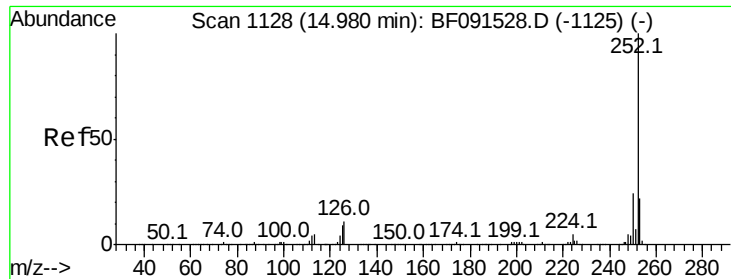
#86
Perylene-d12
Concen: 40.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.9	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 59.62 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:252 Resp: 1753914

Ion Ratio Lower Upper

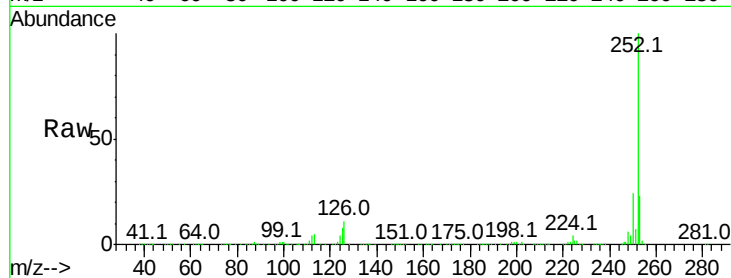
252 100

253 22.8 18.2 27.2

125 8.1 8.6 13.0#

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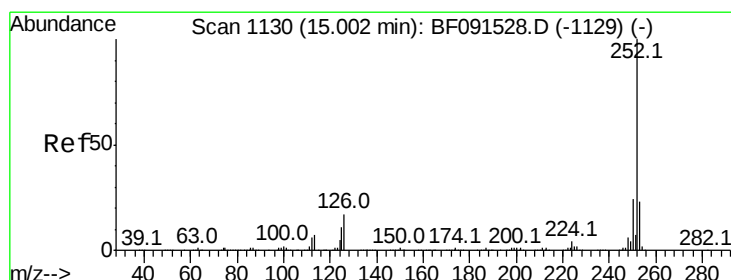
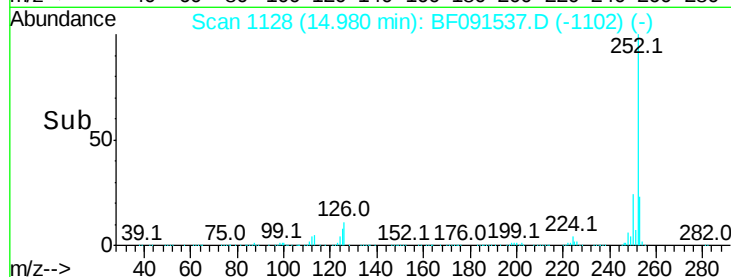
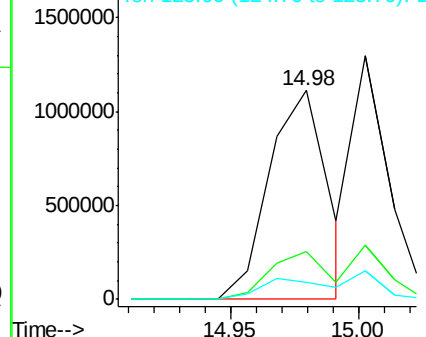
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.94 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Tgt Ion:252 Resp: 1266011

Ion Ratio Lower Upper

252 100

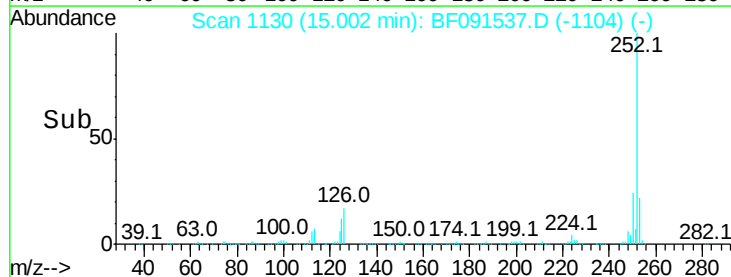
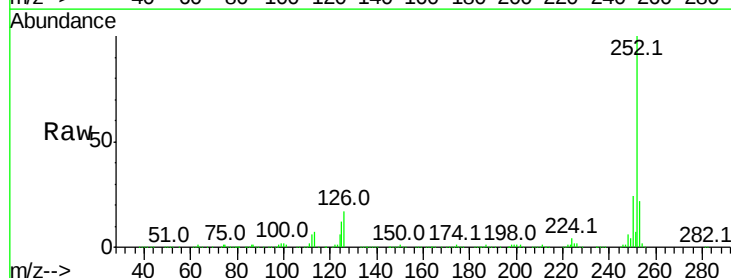
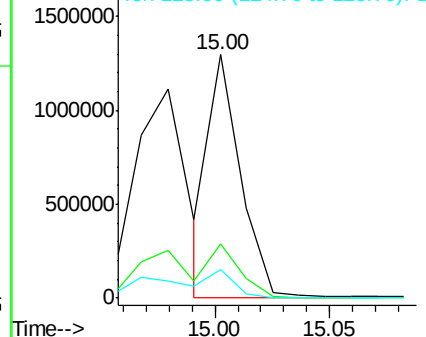
253 22.4 17.8 26.8

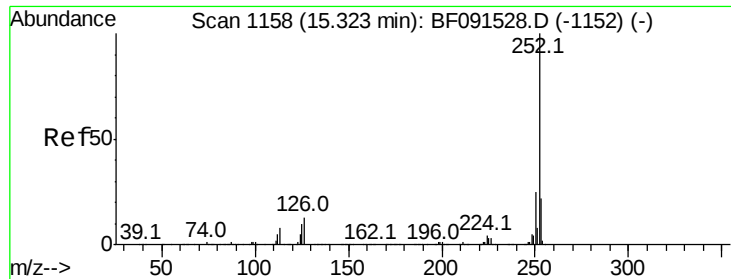
125 11.7 9.6 14.4

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





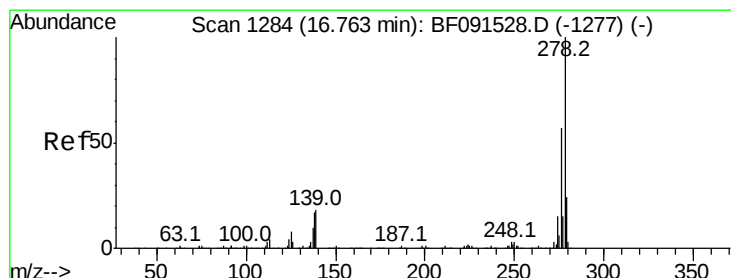
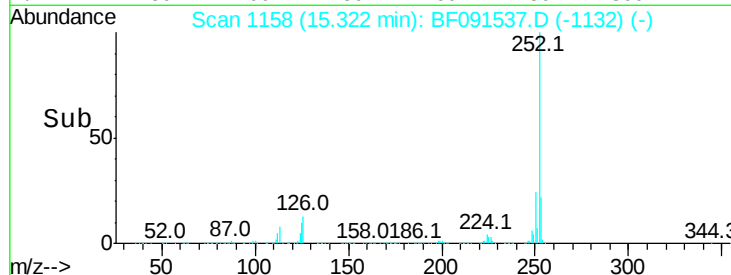
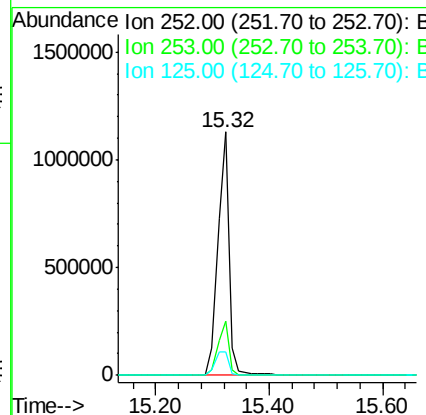
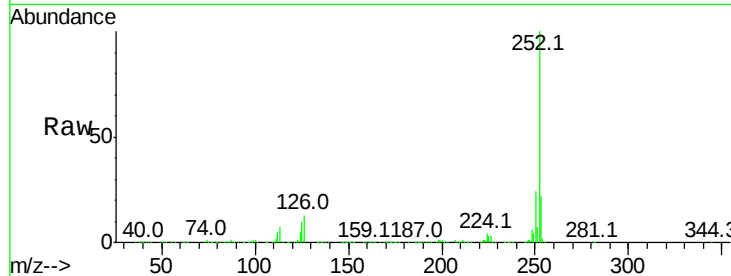
#89
Benzo(a)pyrene
Concen: 56.52 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Instrument :
BNA_F
ClientSampled :
PB95122BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.8	10.4	15.6

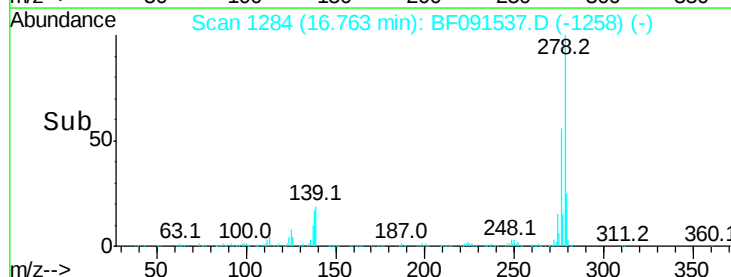
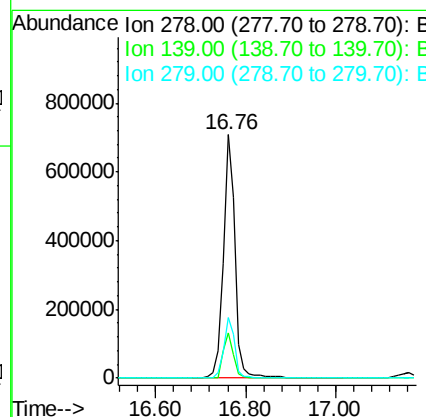
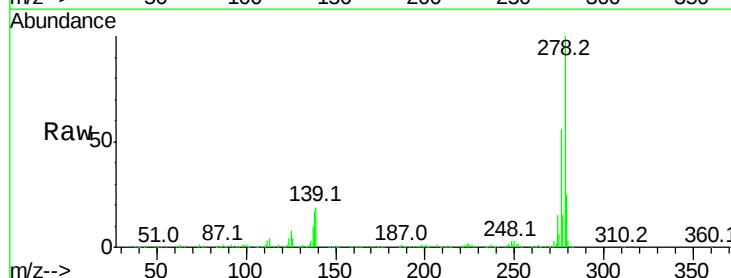
Manual Integrations
APPROVED

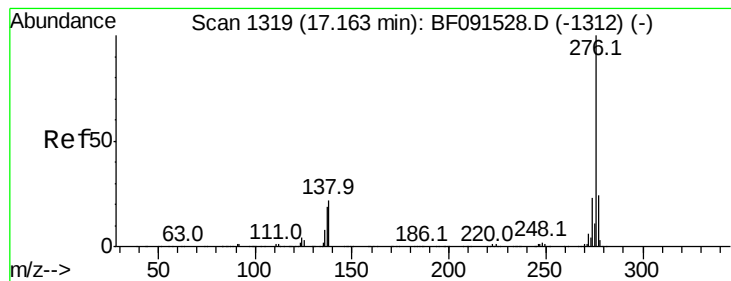
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 53.61 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF091537.D
Acq: 9 Dec 2016 19:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.1	22.7
279	24.8	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 54.29 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF091537.D

Acq: 9 Dec 2016 19:53

Instrument :

BNA_F

ClientSampleId :

PB95122BSD

Tot Ion:276 Resp: 1311696

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 22.2 15.4 23.0

Manual Integrations

APPROVED

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