

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091539.D
 Acq On : 9 Dec 2016 20:48
 Operator : UM/SJ
 Sample : PB94152BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Manual Integrations
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 12/12/2016 6:49:55 PM

Quant Time: Dec 09 22:49:24 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	6.81	152	267388	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1100808	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	551808	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	910844	20.00	ng	0.00
75) Chrysene-d12	13.96	240	618644	20.00	ng	0.00
86) Perylene-d12	15.38	264	598180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1295199	81.61	ng	0.01
7) Phenol-d6	6.45	99	1589110	80.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	1733141	87.87	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	336789	73.48	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2813983	88.11	ng	-0.01
78) Terphenyl-d14	12.92	244	2480098	90.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	314048	37.49	ng	# 86
3) Pyridine	3.18	79	934529	41.87	ng	# 83
4) n-Nitrosodimethylamine	3.15	42	408080	42.56	ng	# 63
6) Aniline	6.48	93	594144	22.90	ng	# 66
8) 2-Chlorophenol	6.60	128	819758	45.76	ng	98
9) Benzaldehyde	6.35	77	176198	12.94	ng	93
10) Phenol	6.46	94	1010474	43.68	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	810278	46.62	ng	93
12) 1,3-Dichlorobenzene	6.75	146	783790m	40.35	ng	
13) 1,4-Dichlorobenzene	6.83	146	827421	43.18	ng	98
14) 1,2-Dichlorobenzene	6.98	146	738293	42.76	ng	96
15) Benzyl Alcohol	6.96	79	652521	41.77	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1167317	43.34	ng	79
17) 2-Methylphenol	7.08	107	684041	46.15	ng	# 76
18) Hexachloroethane	7.32	117	319920	42.78	ng	# 80
19) n-Nitroso-di-n-propylamine	7.23	70	555289	44.88	ng	# 83
20) 3+4-Methylphenols	7.23	107	736673	46.10	ng	# 71
22) Acetophenone	7.23	105	1095658	41.54	ng	94
24) Nitrobenzene	7.40	77	929376	44.60	ng	# 79
25) Isophorone	7.64	82	1589435	45.33	ng	98
26) 2-Nitrophenol	7.71	139	405882	44.13	ng	93
27) 2,4-Dimethylphenol	7.76	122	689571	42.69	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	983953	47.84	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	660988	47.03	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	686789	43.00	ng	99
31) Naphthalene	8.12	128	2227214	43.49	ng	100
32) Benzoic acid	7.88	122	431528	38.32	ng	97
33) 4-Chloroaniline	8.17	127	193731	8.78	ng	99
34) Hexachlorobutadiene	8.25	225	388769	42.46	ng	98
35) Caprolactam	8.54	113	214593m	52.28	ng	
36) 4-Chloro-3-methylphenol	8.66	107	658448	41.77	ng	100
37) 2-Methylnaphthalene	8.82	142	1455432	43.90	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	569248	37.61	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	682359	101.13	ng	100

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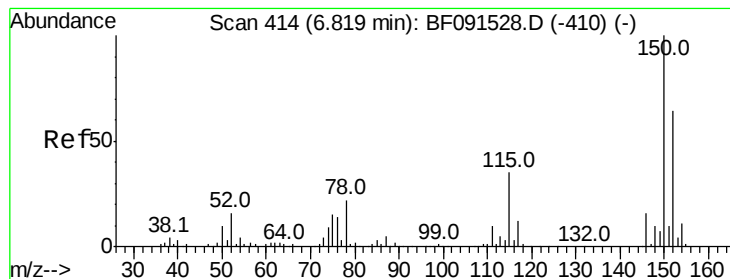
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	433322m	44.56	nq	
43) 2,4,5-Trichlorophenol	9.14	196	449808m	45.01	nq	
45) 1,1'-Biphenyl	9.28	154	1672441	41.84	nq	98
46) 2-Chloronaphthalene	9.30	162	1268476	40.98	nq	99
47) 2-Nitroaniline	9.39	65	417150	40.08	nq	# 84
48) Acenaphthylene	9.71	152	1948835	41.31	nq	99
49) Dimethylphthalate	9.58	163	1586956	45.42	nq	99
50) 2,6-Dinitrotoluene	9.64	165	376755	49.13	nq	# 76
51) Acenaphthene	9.88	154	1397585	42.65	nq	97
52) 3-Nitroaniline	9.80	138	165577	18.38	nq	92
53) 2,4-Dinitrophenol	9.92	184	319207	73.43	nq	# 73
54) Dibenzofuran	10.05	168	1810833	44.67	nq	98
55) 4-Nitrophenol	9.97	139	526509	78.56	nq	92
56) 2,4-Dinitrotoluene	10.04	165	446883	46.49	nq	# 68
57) Fluorene	10.40	166	1222155	41.84	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	375497	47.99	nq	97
59) Diethylphthalate	10.28	149	1522599	45.25	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	636339	43.65	nq	# 90
61) 4-Nitroaniline	10.42	138	337463	37.69	nq	90
62) Azobenzene	10.56	77	1811634	47.52	nq	92
64) 4,6-Dinitro-2-methylphenol	10.44	198	213133	39.11	nq	87
65) n-Nitrosodiphenylamine	10.51	169	1135744	41.83	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	402771	43.13	nq	# 74
67) Hexachlorobenzene	10.94	284	400315	41.23	nq	# 76
68) Atrazine	11.05	200	421357	48.26	nq	95
69) Pentachlorophenol	11.14	266	434997	79.60	nq	95
70) Phenanthrene	11.36	178	1925350	42.69	nq	99
71) Anthracene	11.41	178	2158509	44.37	nq	100
72) Carbazole	11.56	167	1702036	39.91	nq	99
73) Di-n-butylphthalate	11.91	149	2317625	46.65	nq	100
74) Fluoranthene	12.55	202	2142593	45.37	nq	99
76) Benzidine	12.66	184	572847	29.95	nq	99
77) Pyrene	12.77	202	2138774	43.58	nq	99
79) Butylbenzylphthalate	13.39	149	863781	45.15	nq	90
80) Benzo(a)anthracene	13.95	228	1552080	43.20	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	242049	18.76	nq	# 96
82) Chrysene	13.99	228	1516649	40.35	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1079051	43.96	nq	99
84) Di-n-octyl phthalate	14.57	149	2047817	49.15	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1454158	42.99	nq	99
87) Benzo(b)fluoranthene	14.98	252	1695218m	47.54	nq	
88) Benzo(k)fluoranthene	15.00	252	1184350m	37.77	nq	
89) Benzo(a)pyrene	15.32	252	1421501	44.25	nq	# 95
90) Dibenzo(a,h)anthracene	16.76	278	1190595	41.37	nq	99
91) Benzo(g,h,i)perylene	17.16	276	1236360	42.21	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

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Tot Ion:152 Resp: 267388

Ion Ratio Lower Upper

152 100

150 158.7 122.5 183.7

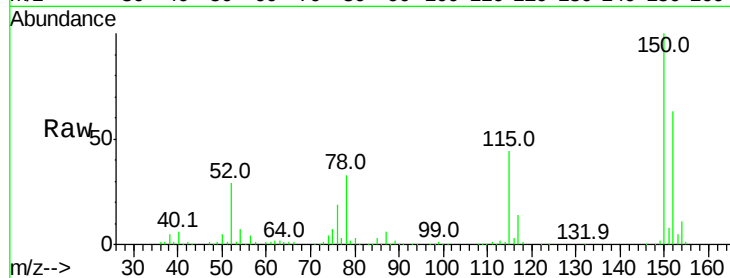
115 70.1 51.8 77.8

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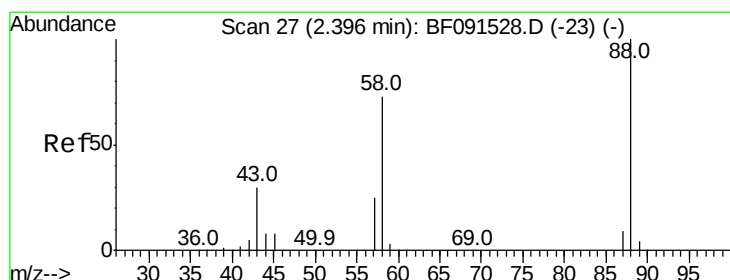
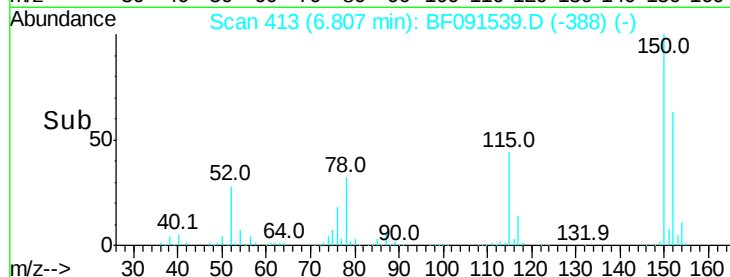
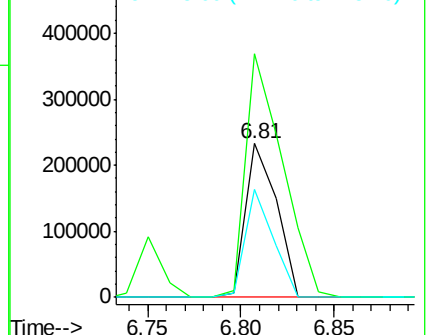
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.49 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.10 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

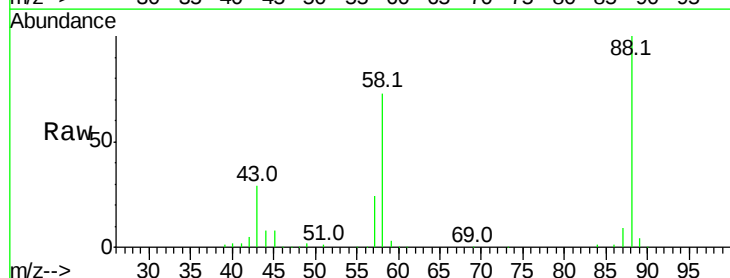
Tgt Ion: 88 Resp: 314048

Ion Ratio Lower Upper

88 100

58 74.8 70.3 105.5

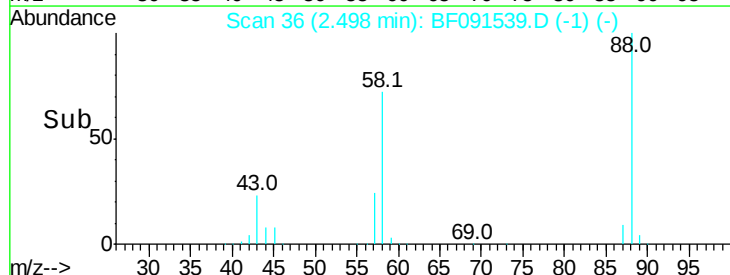
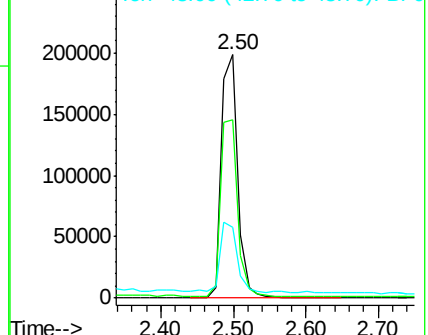
43 30.2 31.3 46.9#

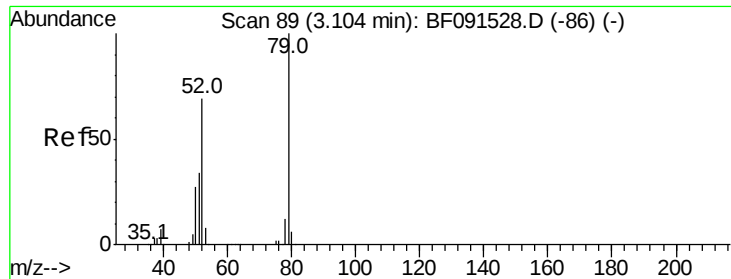


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.87 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

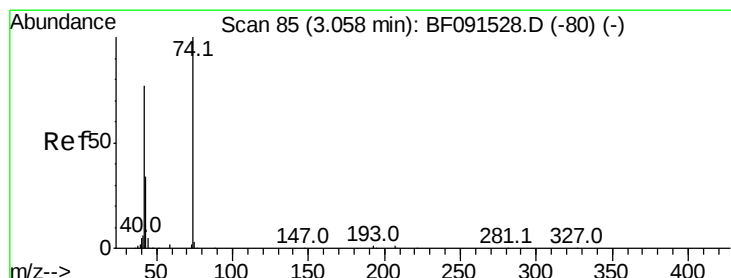
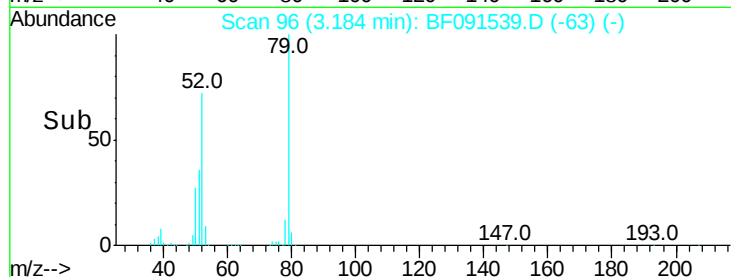
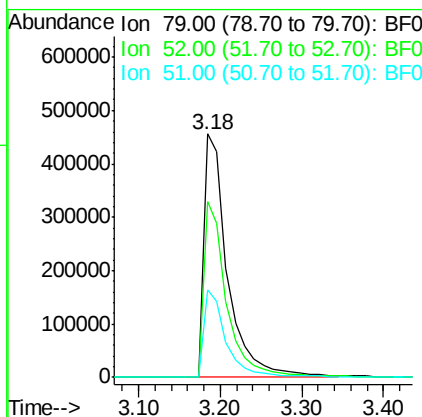
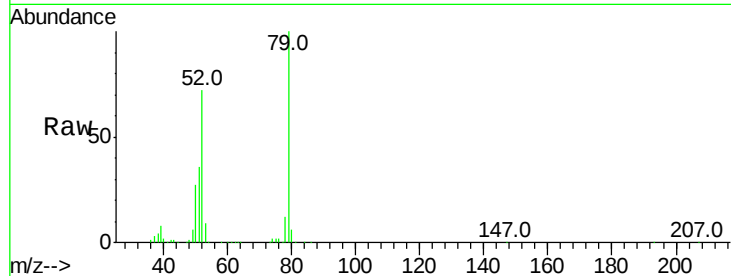
ClientSampleId :

PB95152BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.5	71.0	106.4
51	35.8	37.0	55.4#

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#4

n-Nitrosodimethylamine

Concen: 42.56 ng

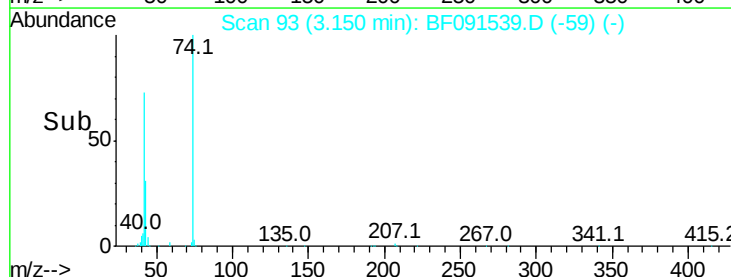
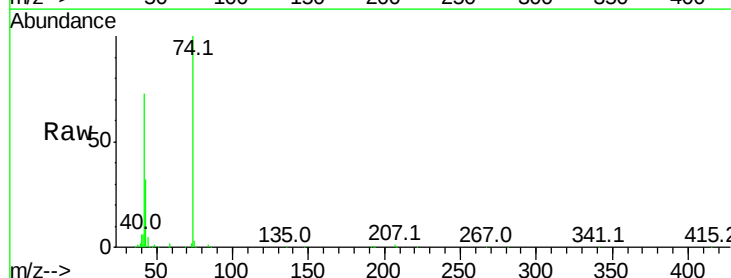
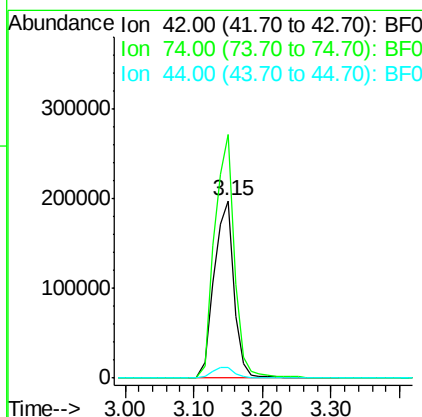
RT: 3.15 min Scan# 93

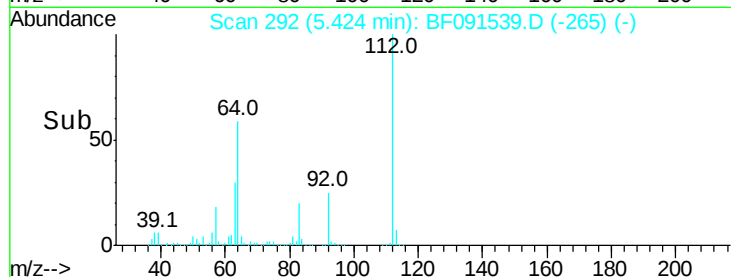
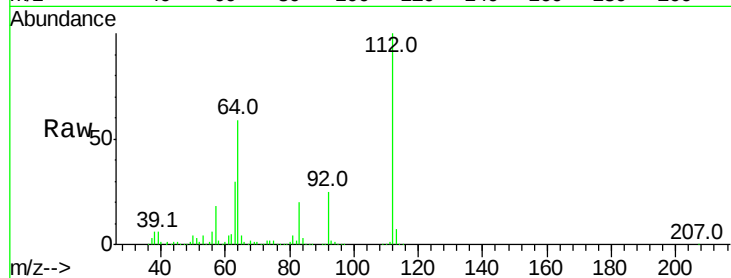
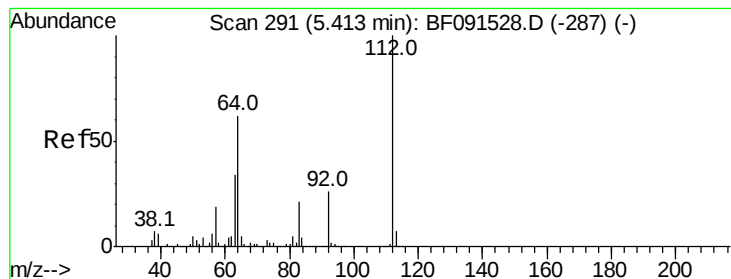
Delta R.T. 0.09 min

Lab File: BF091539.D

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Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.4	78.9	118.3#
44	6.2	5.8	8.6





#5

2-Fluorophenol

Concen: 81.61 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:112 Resp: 1295199

Ion Ratio Lower Upper

112 100

64 59.3 61.5 92.3#

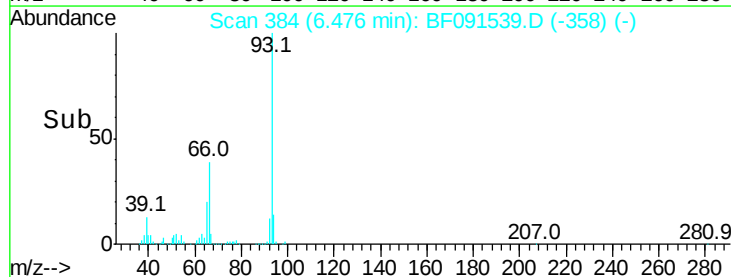
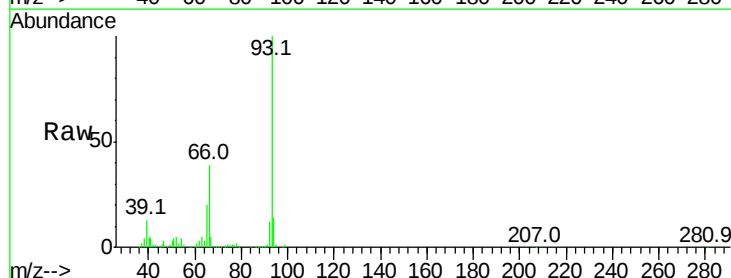
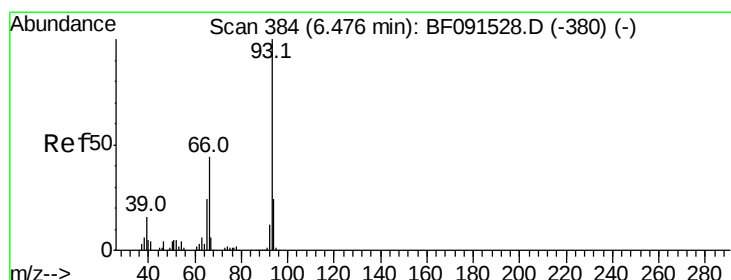
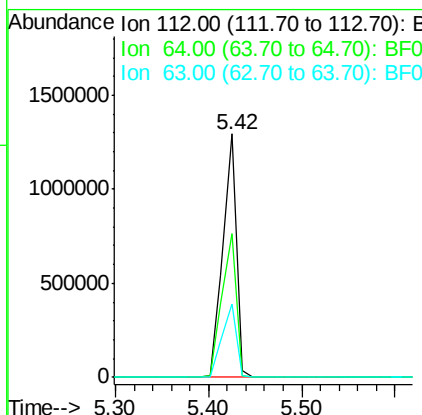
63 30.4 33.3 49.9#

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#6

Aniline

Concen: 22.90 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

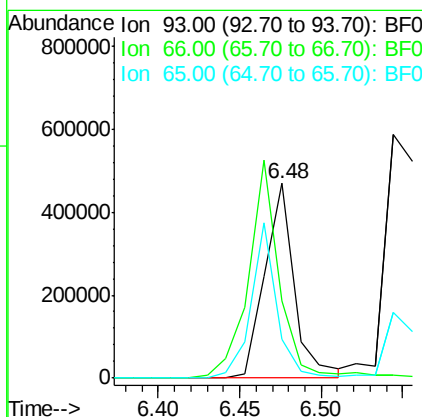
Tgt Ion: 93 Resp: 594144

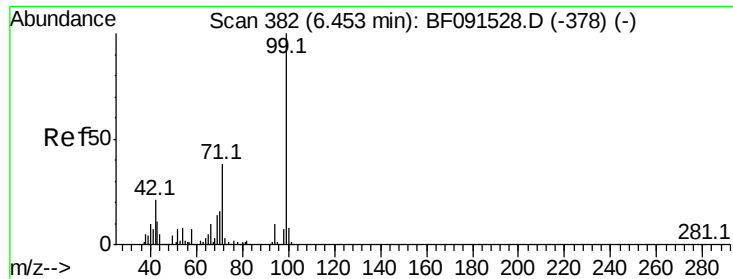
Ion Ratio Lower Upper

93 100

66 39.5 55.8 83.6#

65 20.0 29.9 44.9#





#7

Phenol-d6

Concen: 80.31 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion: 99 Resp: 1589110

Ion Ratio Lower Upper

99 100

42 19.3 20.6 31.0#

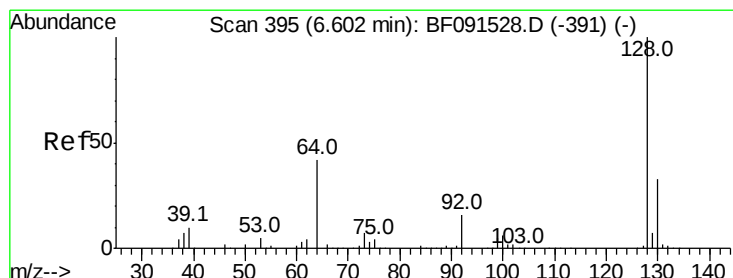
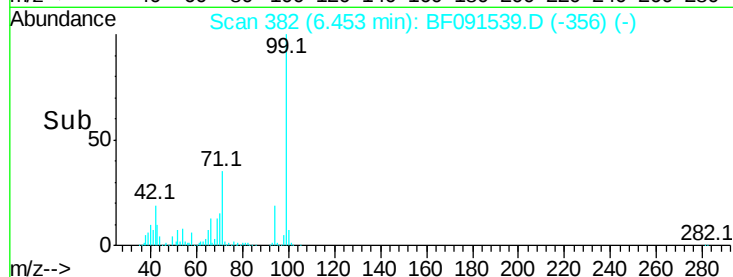
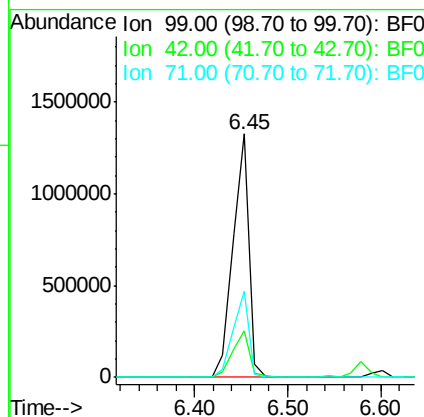
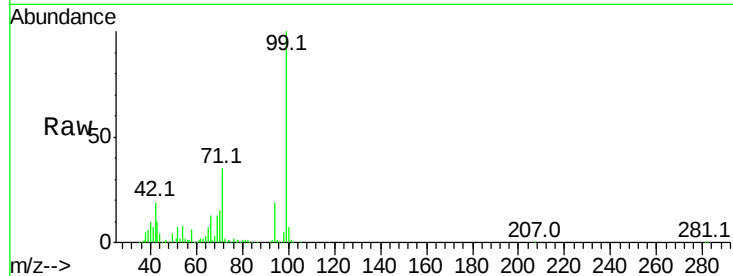
71 35.2 29.9 44.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 45.76 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

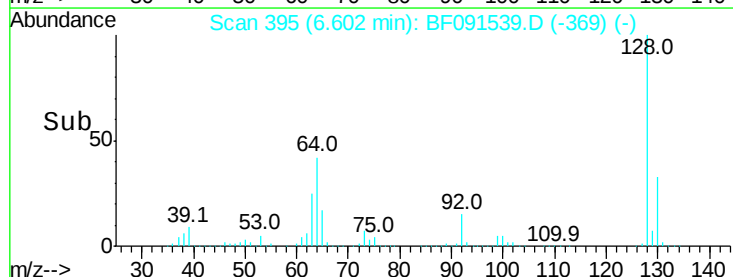
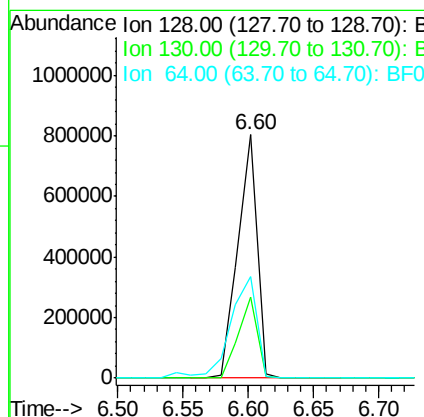
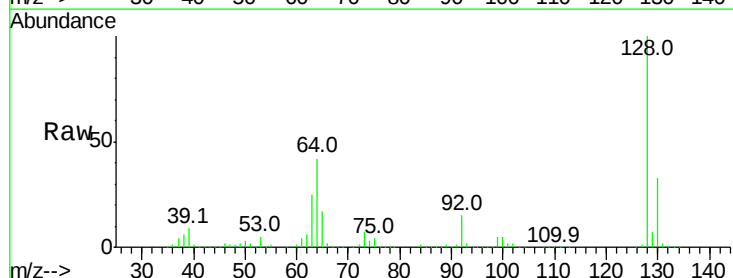
Tgt Ion:128 Resp: 819758

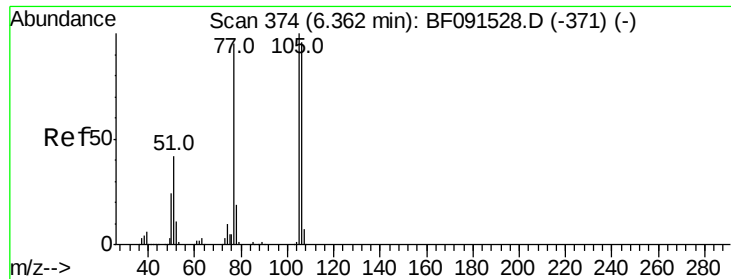
Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

64 41.9 24.1 64.1





#9

Benzaldehyde

Concen: 12.94 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

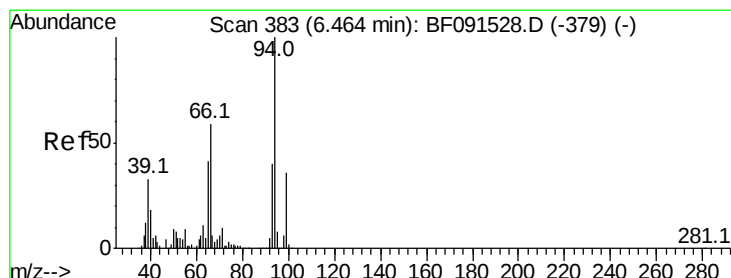
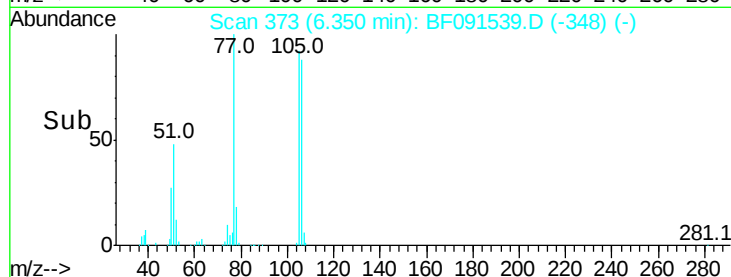
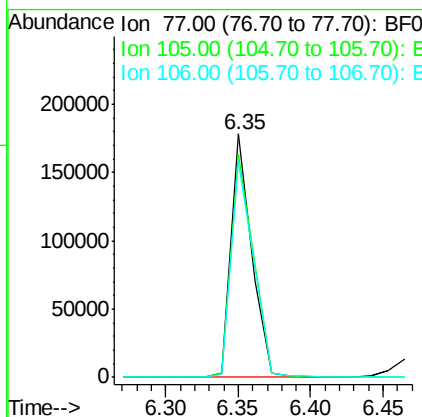
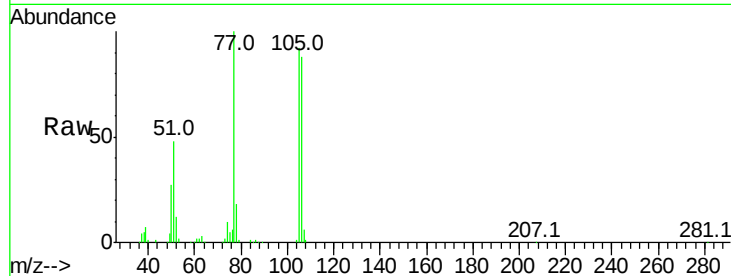
ClientSampleId :

PB95152BS

Tot Ion:	77	Resp:	176198
Ion Ratio	Lower	Upper	
77	100		
105	91.8	66.4	106.4
106	88.4	60.9	100.9

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#10

Phenol

Concen: 43.68 ng

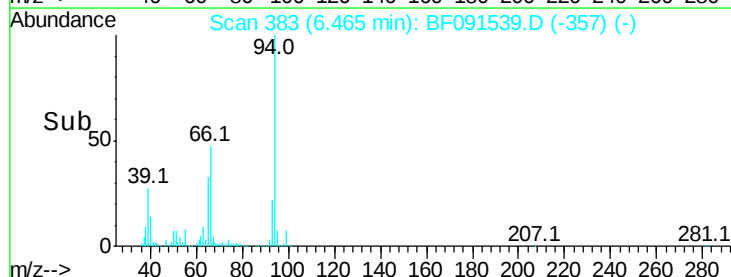
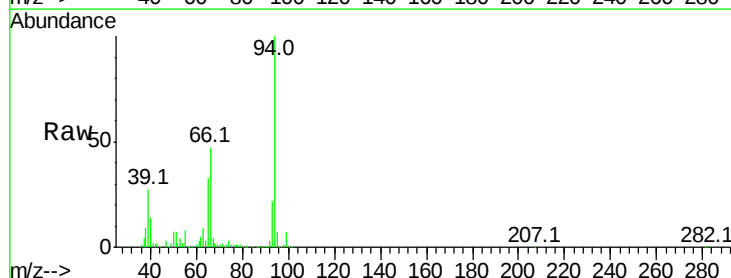
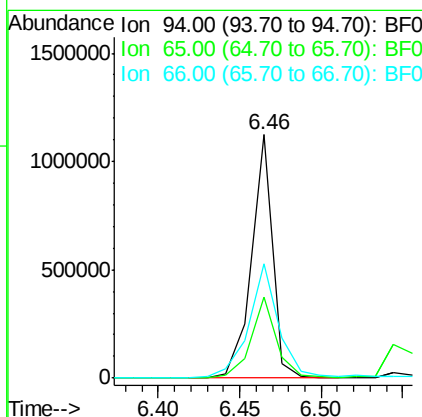
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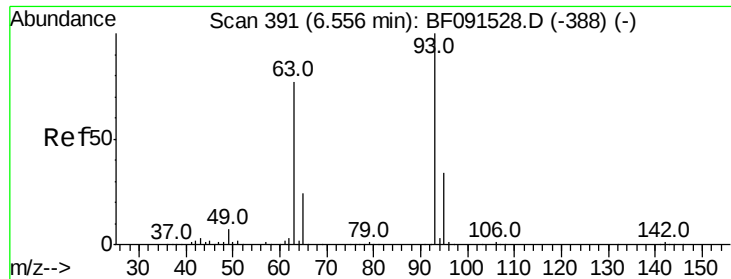
Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:	94	Resp:	1010474
Ion Ratio	Lower	Upper	
94	100		
65	33.4	16.9	56.9
66	46.8	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 46.62 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion: 93 Resp: 810278

Ion Ratio Lower Upper

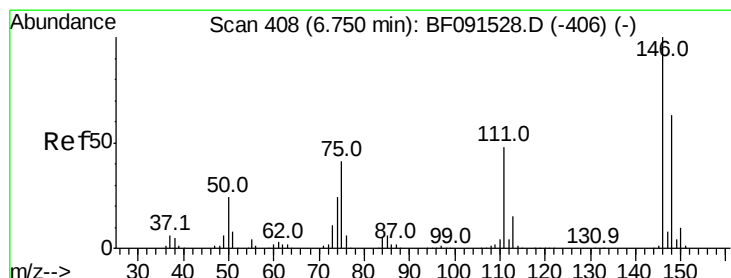
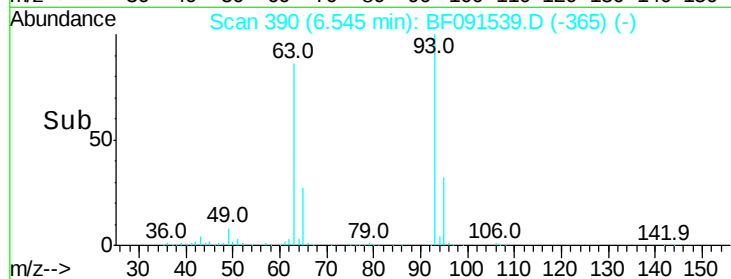
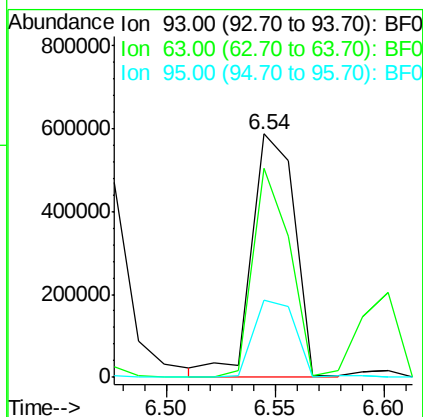
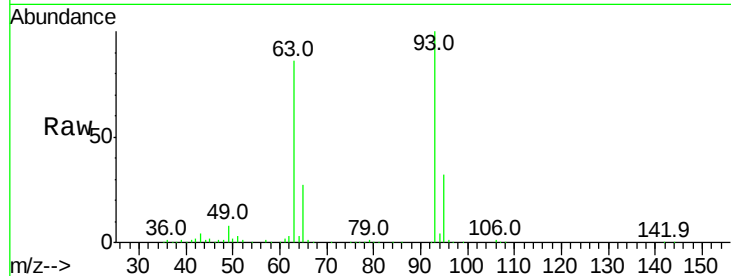
93 100

63 85.8 74.8 114.8

95 31.7 12.4 52.4

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#12

1,3-Dichlorobenzene

Concen: 40.35 ng m

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

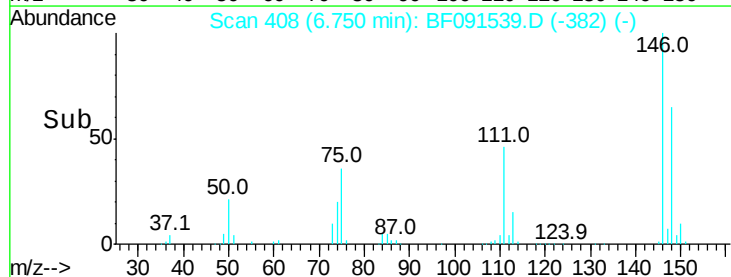
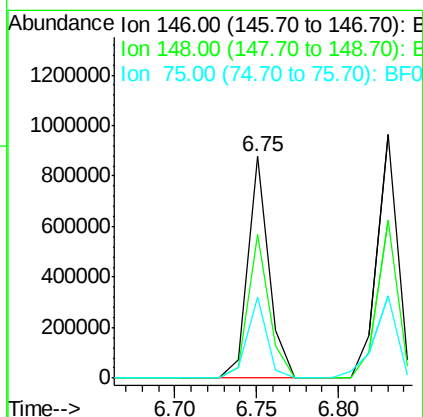
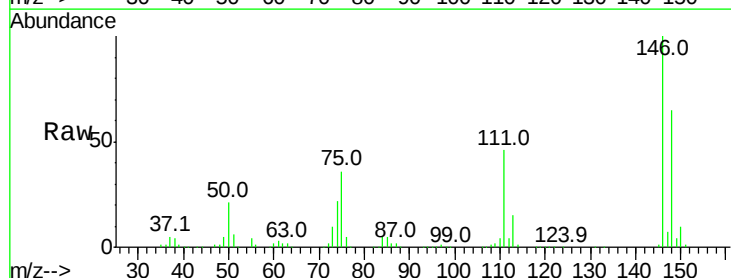
Tgt Ion: 146 Resp: 783790

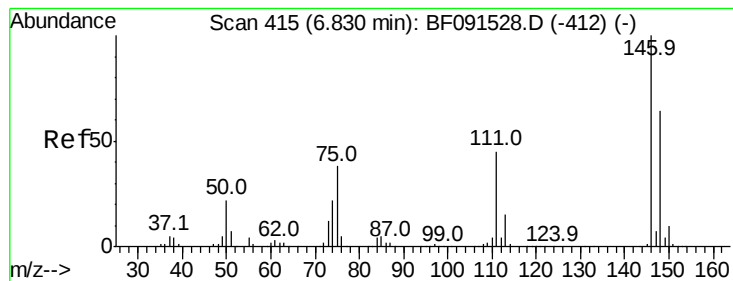
Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.0

75 36.4 23.6 35.4#





#13

1,4-Dichlorobenzene

Concen: 43.18 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

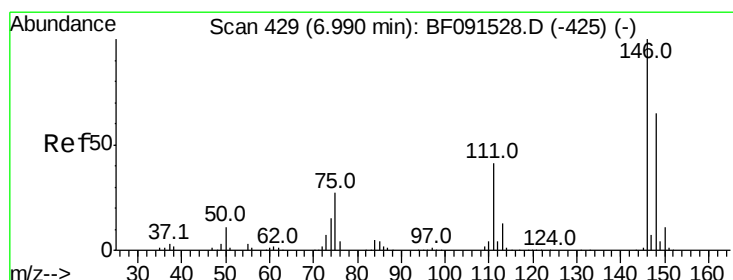
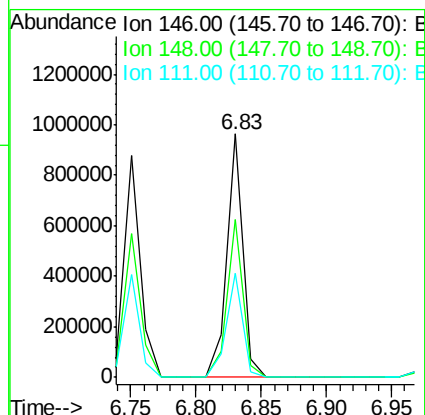
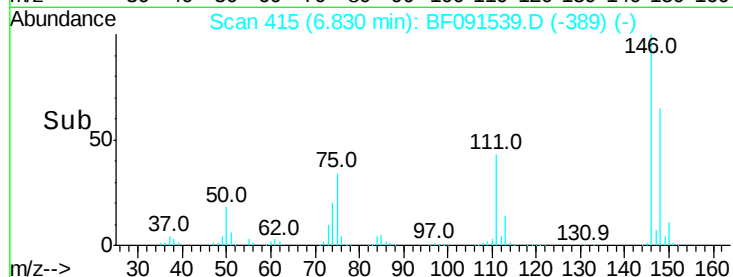
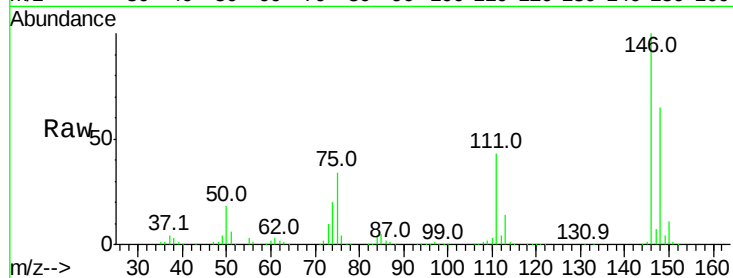
ClientSampleId :

PB95152BS

Tot Ion:	146	Resp:	827421
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.4	77.0
111	42.7	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 42.76 ng

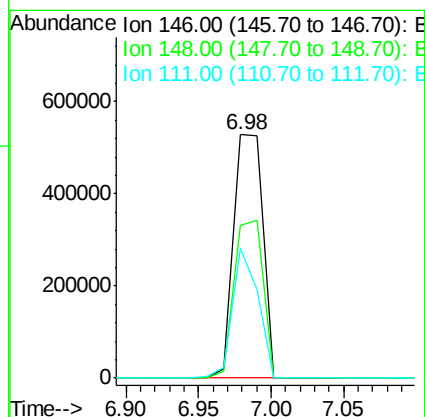
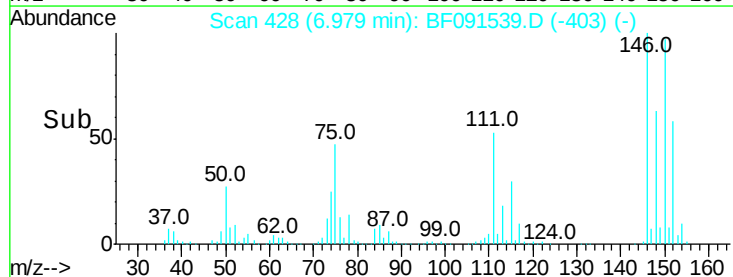
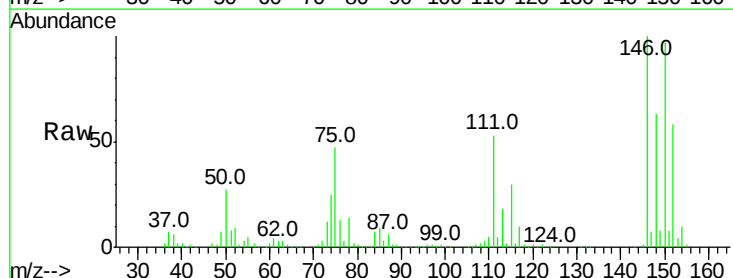
RT: 6.98 min Scan# 428

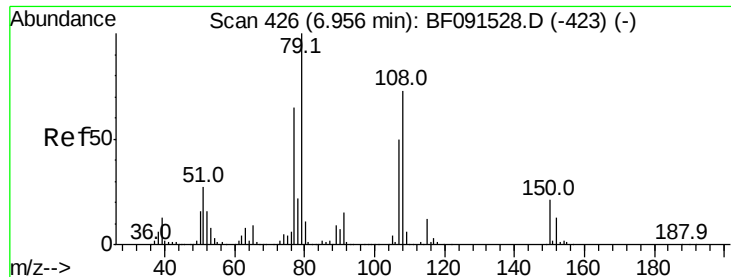
Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:	146	Resp:	738293
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.0	76.6
111	53.2	38.9	58.3





#15

Benzyl Alcohol

Concen: 41.77 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion: 79 Resp: 652521

Ion Ratio Lower Upper

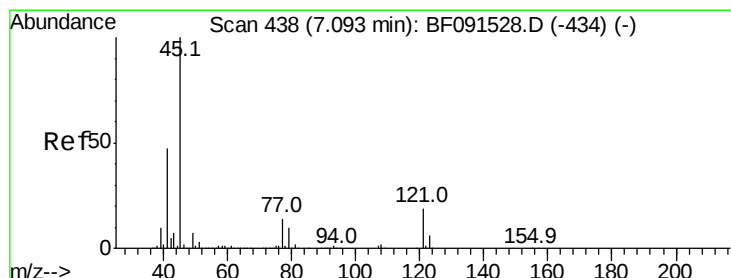
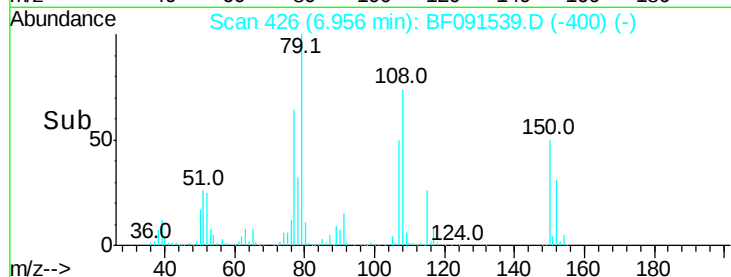
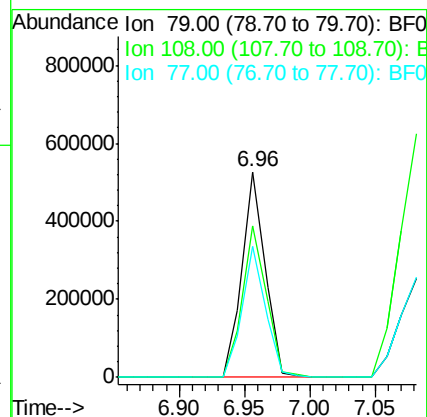
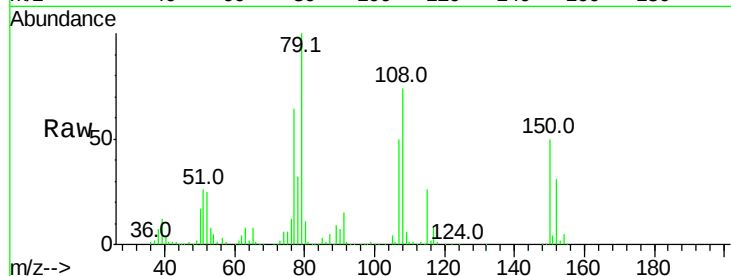
79 100

108 73.8 62.7 94.1

77 63.8 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.34 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

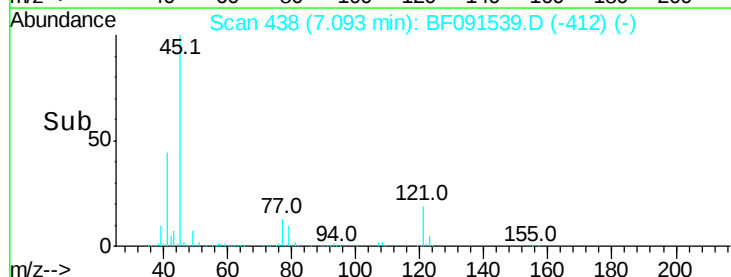
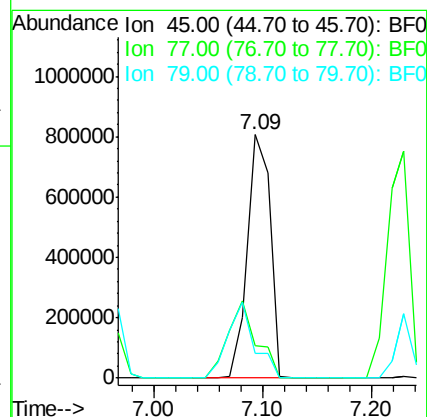
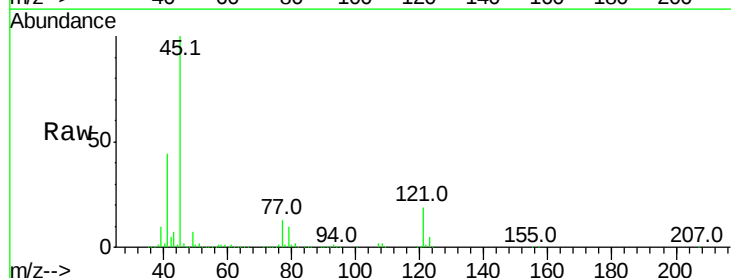
Tgt Ion: 45 Resp: 1167317

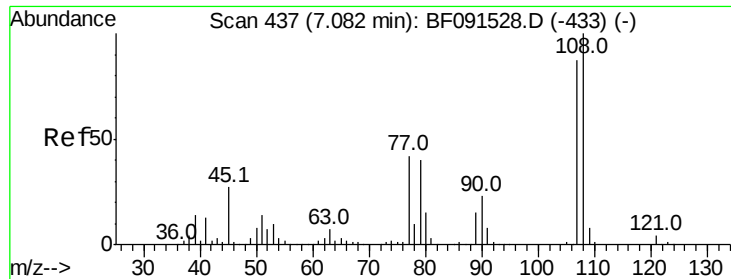
Ion Ratio Lower Upper

45 100

77 13.5 3.8 43.8

79 10.3 0.2 40.2





#17

2-Methylphenol

Concen: 46.15 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:107 Resp: 684041
Ion Ratio Lower Upper

107 100

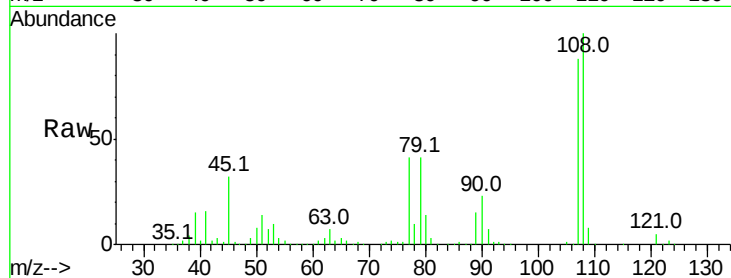
108 114.0 67.7 101.5#

77 46.7 40.7 61.1

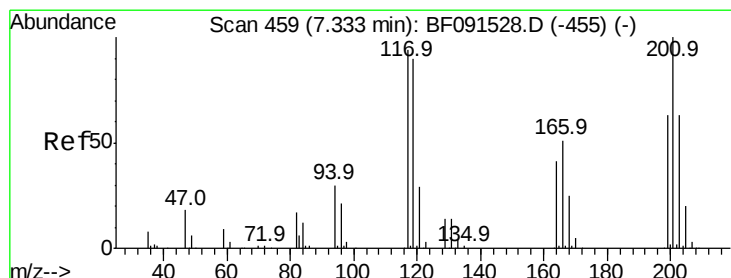
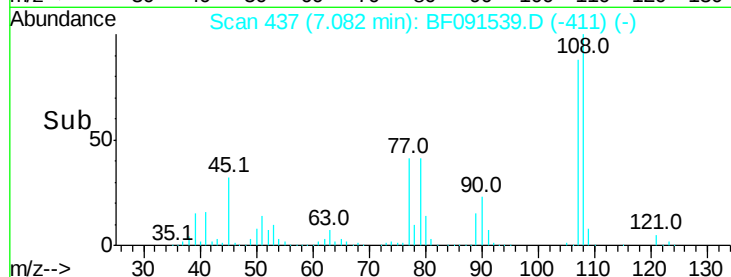
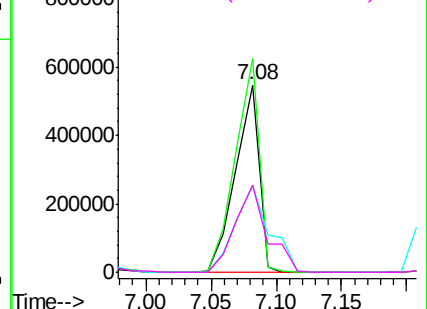
79 46.3 23.4 35.2#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.78 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF091539.D

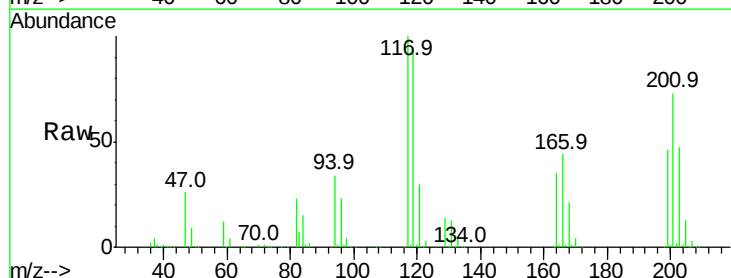
Acq: 9 Dec 2016 20:48

Tgt Ion:117 Resp: 319920
Ion Ratio Lower Upper

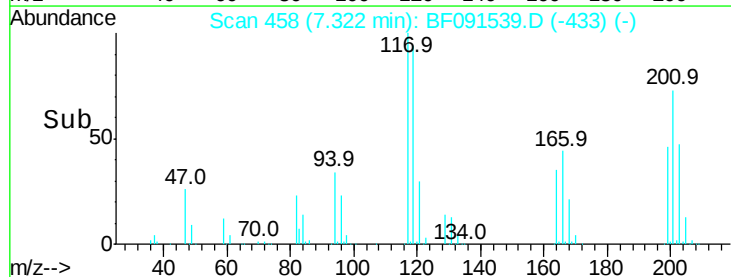
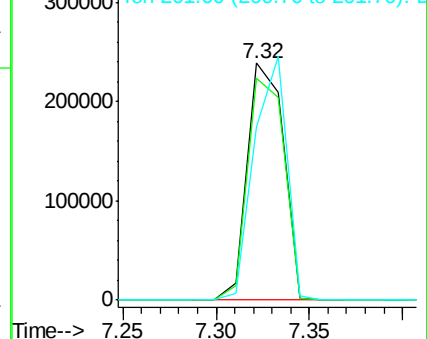
117 100

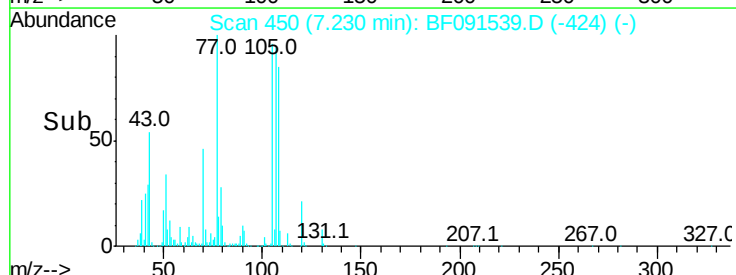
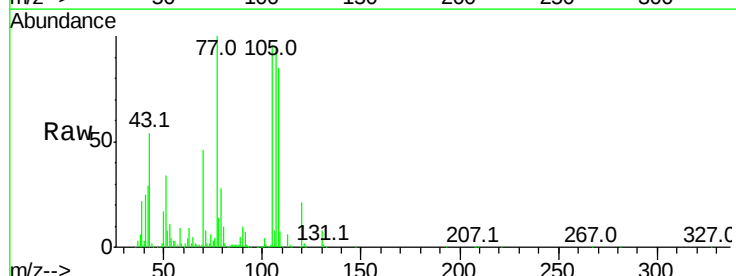
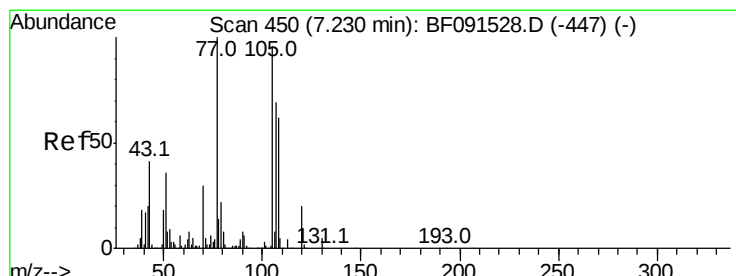
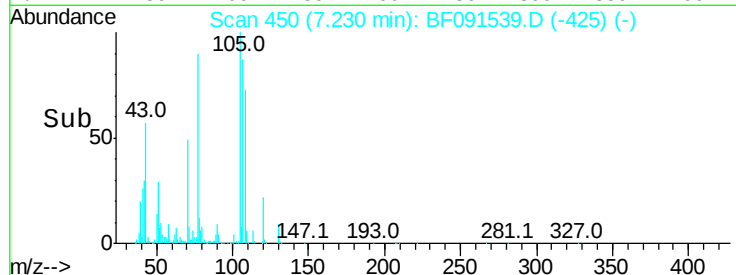
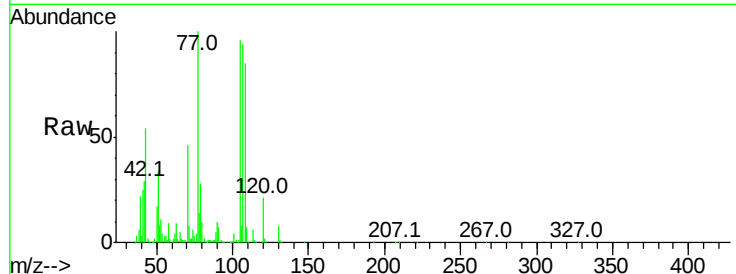
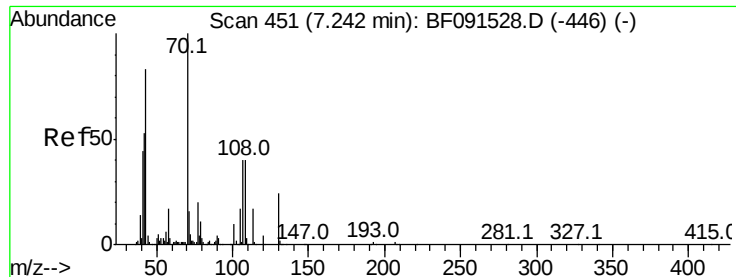
119 93.9 78.6 118.0

201 73.3 86.7 130.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





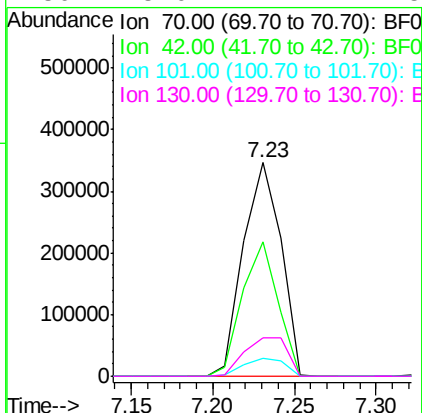
#19
n-Nitroso-di-n-propylamine
Concen: 44.88 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	64.8	97.2#
101	8.6	6.2	9.4
130	18.0	11.7	17.5#

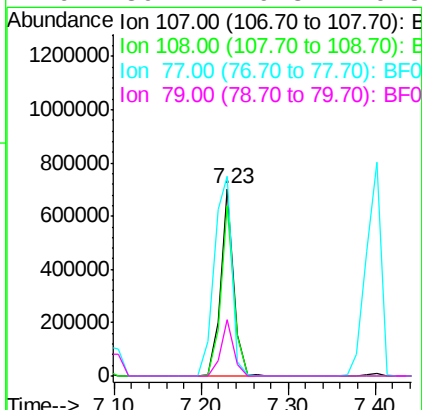
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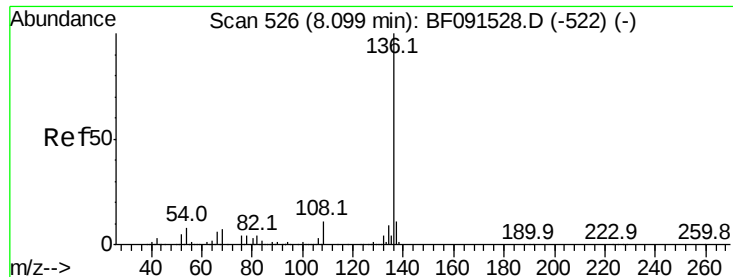
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#20
3+4-Methylphenols
Concen: 46.10 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	64.6	104.6
77	106.6	30.9	70.9#
79	30.2	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:136 Resp: 1100808

Ion Ratio Lower Upper

136 100

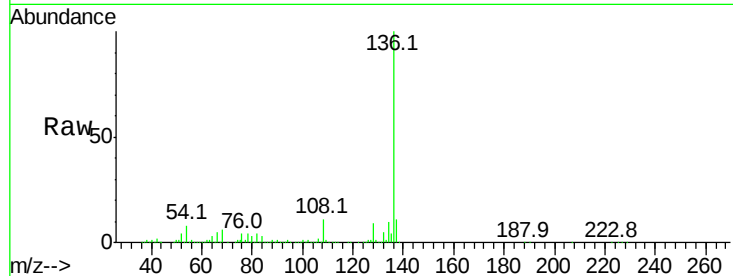
137 11.3 9.1 13.7

54 7.8 9.1 13.7#

68 6.0 5.9 8.9

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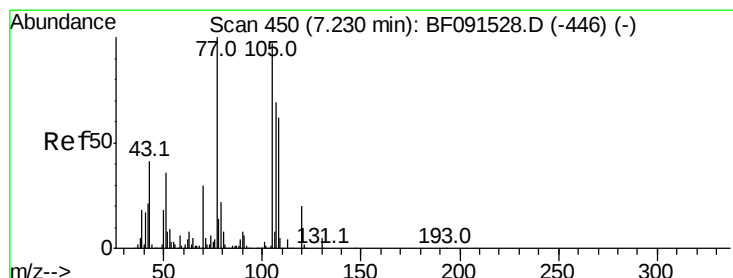
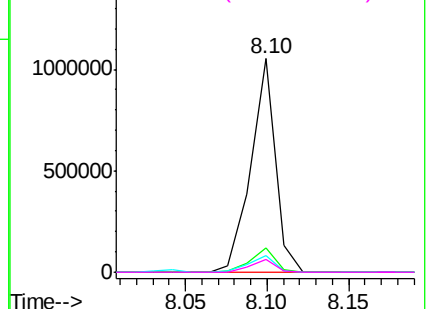
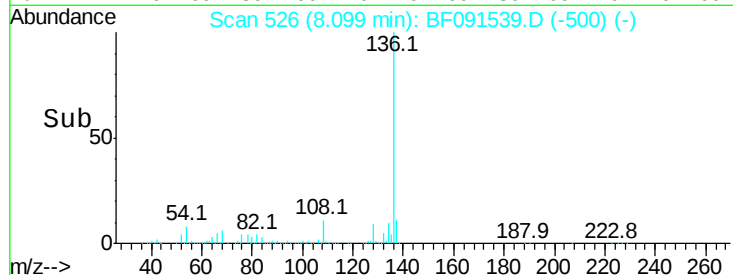
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.54 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:105 Resp: 1095658

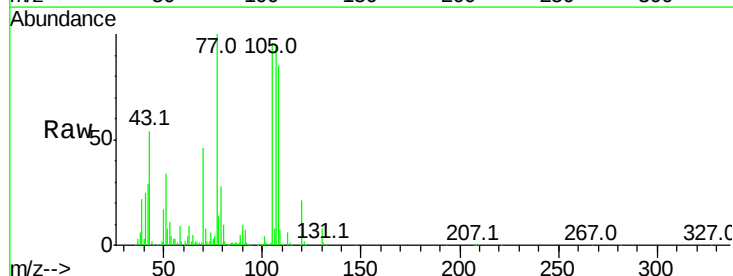
Ion Ratio Lower Upper

105 100

71 8.0 7.9 11.9

51 35.8 24.5 36.7

120 21.7 16.6 24.8



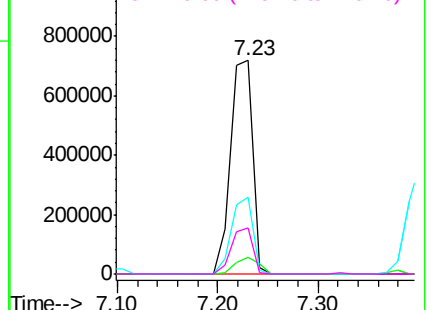
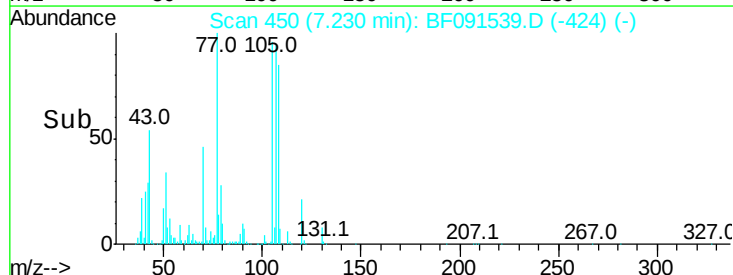
Abundance

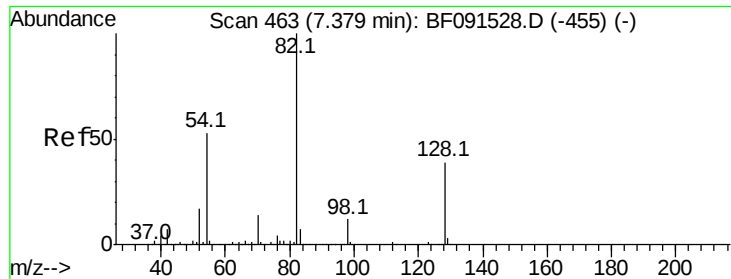
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





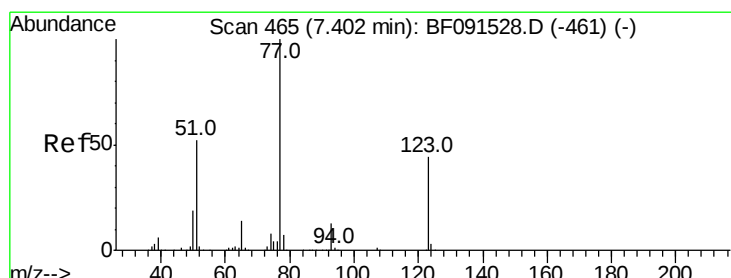
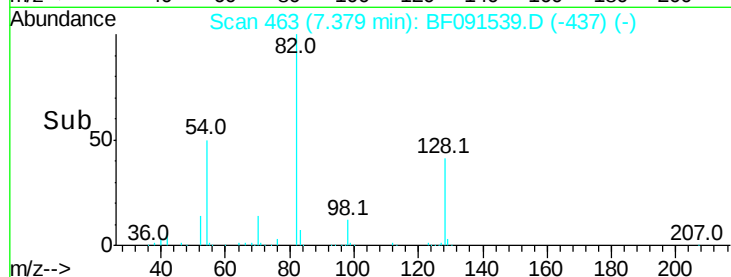
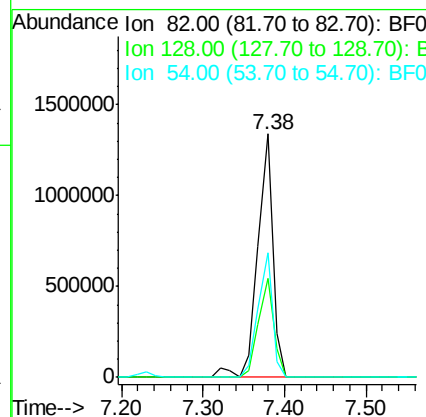
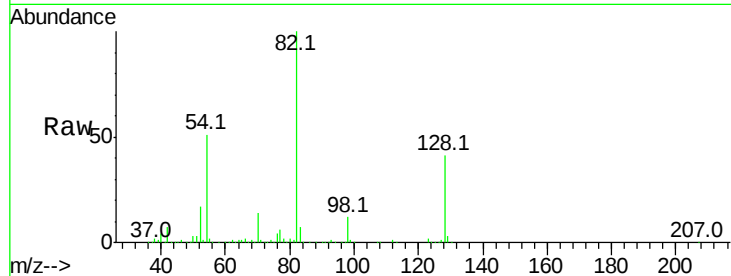
#23
Nitrobenzene-d5
Concen: 87.87 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion: 82 Resp: 1733141
Ion Ratio Lower Upper
82 100
128 40.9 31.8 47.6
54 51.1 49.1 73.7

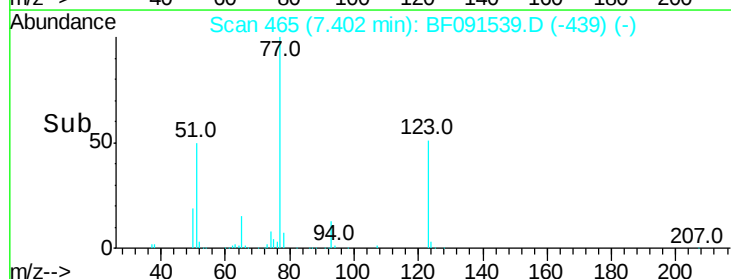
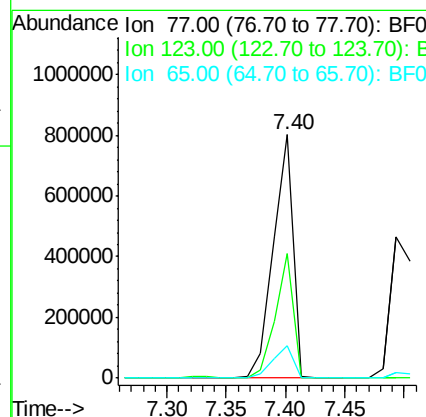
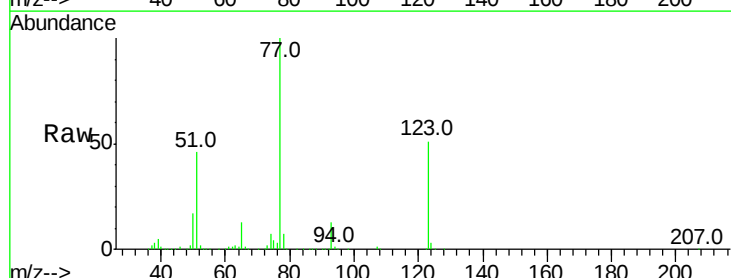
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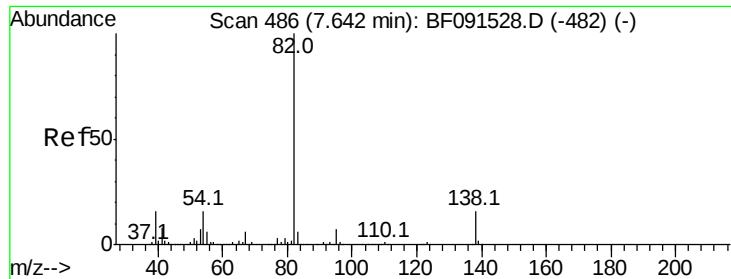
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#24
Nitrobenzene
Concen: 44.60 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion: 77 Resp: 929376
Ion Ratio Lower Upper
77 100
123 51.4 28.5 42.7#
65 13.1 12.5 18.7





#25

Isophorone

Concen: 45.33 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion: 82 Resp: 1589435

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

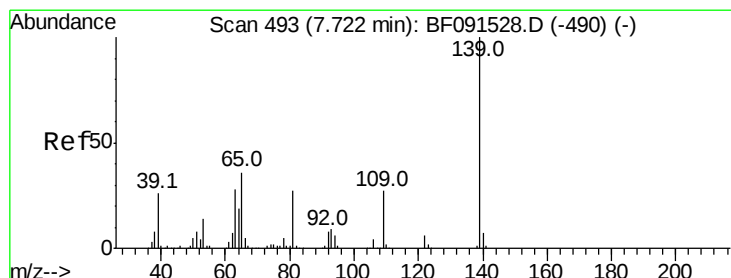
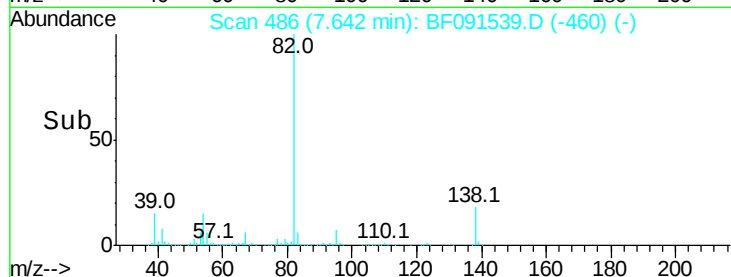
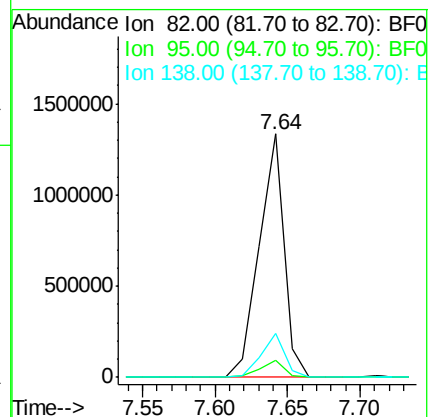
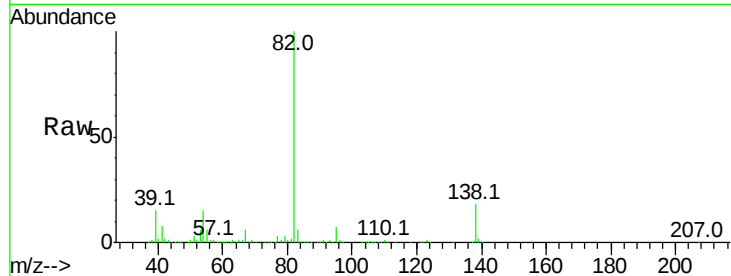
138 17.9 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.13 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

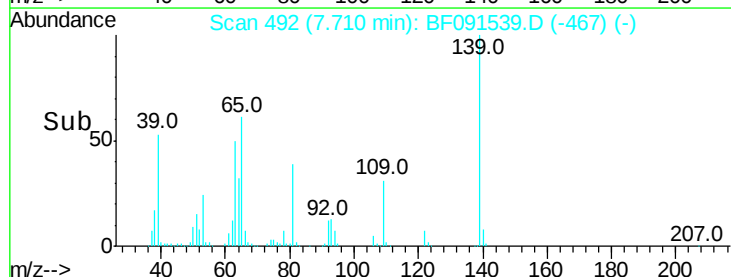
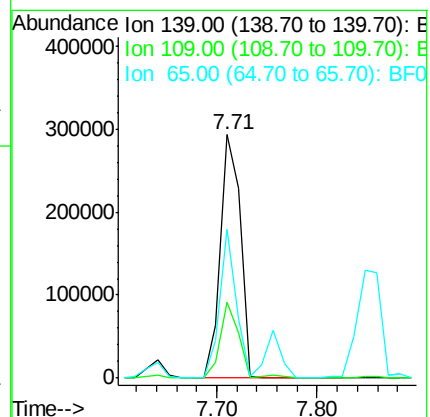
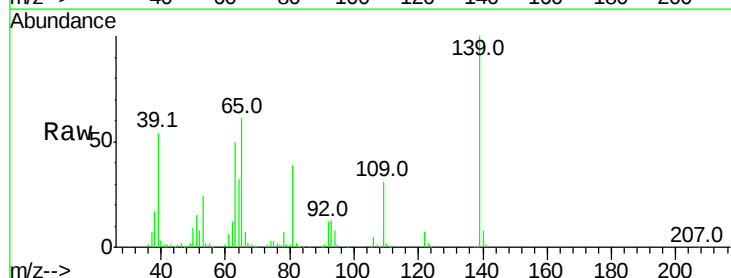
Tgt Ion: 139 Resp: 405882

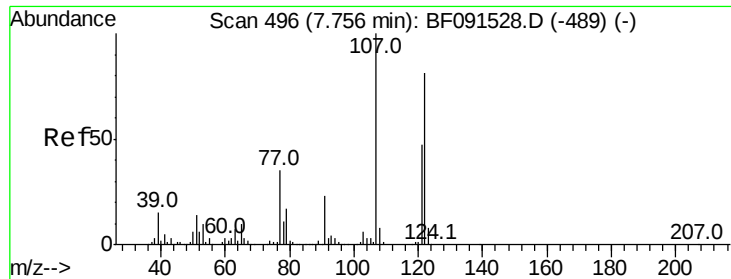
Ion Ratio Lower Upper

139 100

109 31.0 25.3 37.9

65 61.3 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 42.69 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

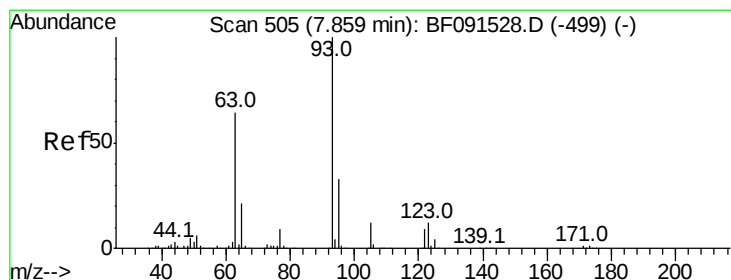
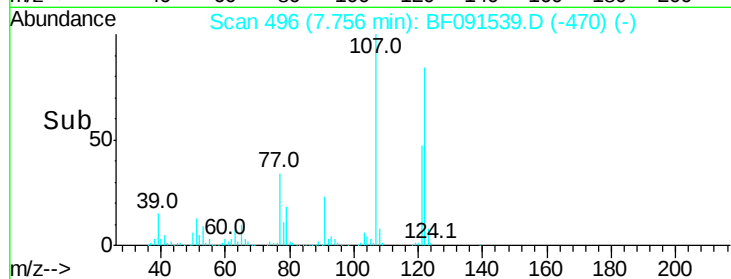
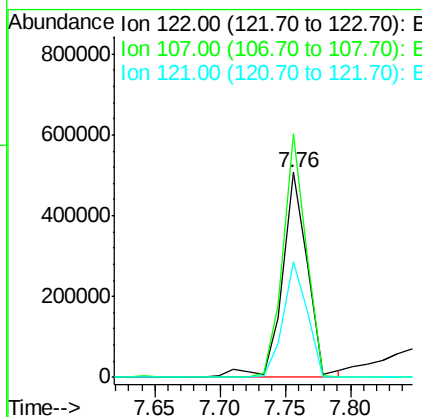
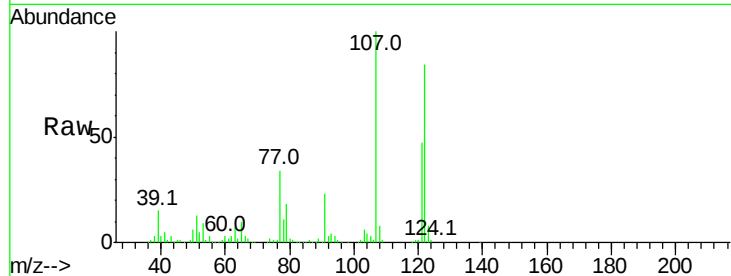
ClientSampleId :

PB95152BS

Tot Ion:	122	Resp:	689571
Ion Ratio	Lower	Upper	
122	100		
107	118.7	96.8	145.2
121	56.3	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 47.84 ng

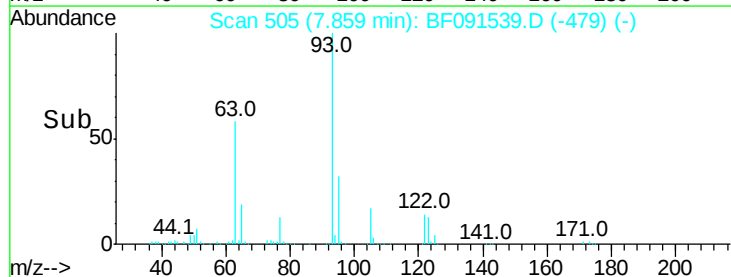
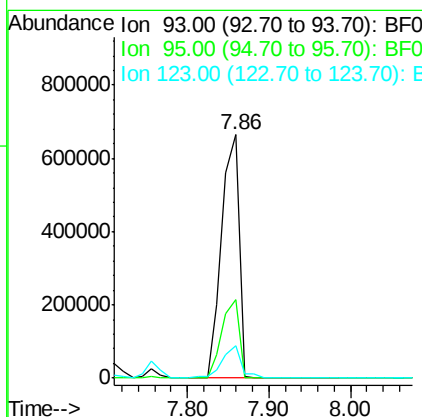
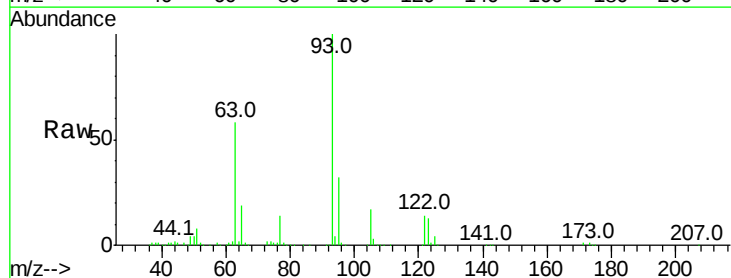
RT: 7.86 min Scan# 505

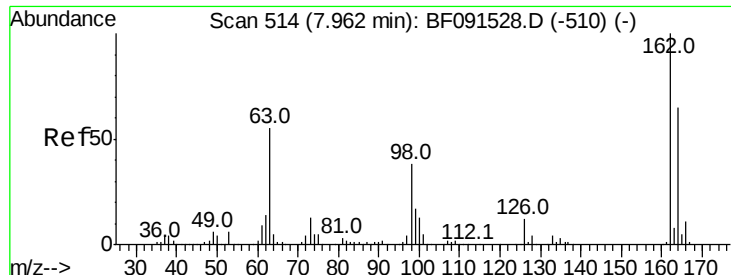
Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:	93	Resp:	983953
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.0	39.0
123	13.1	8.6	12.8#





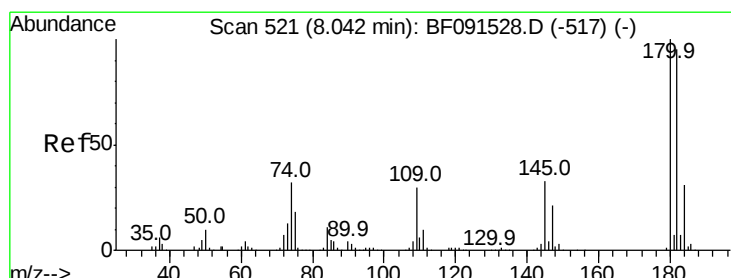
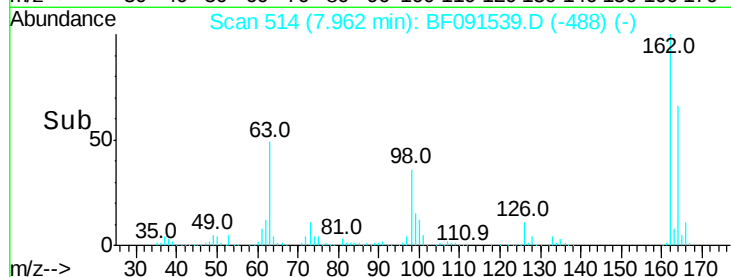
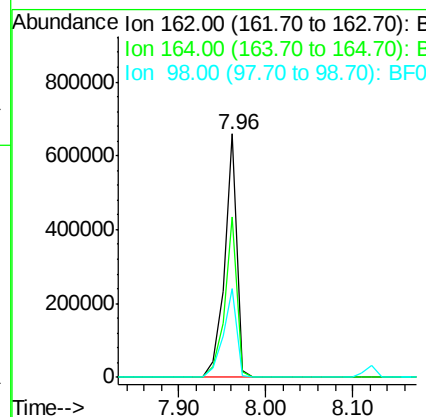
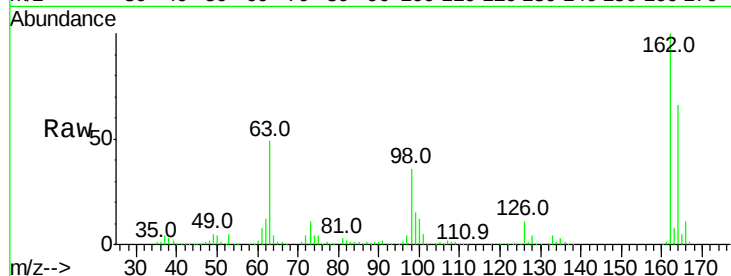
#29
 2,4-Dichlorophenol
 Concen: 47.03 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	45.0	85.0
98	36.4	21.3	61.3

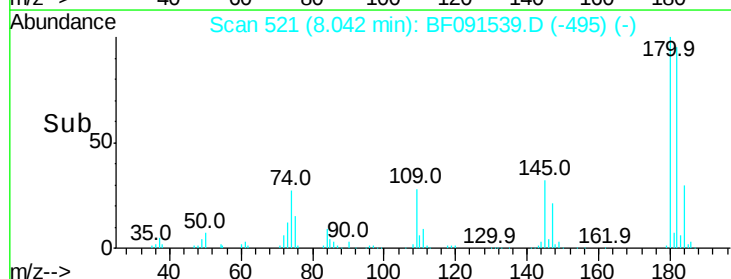
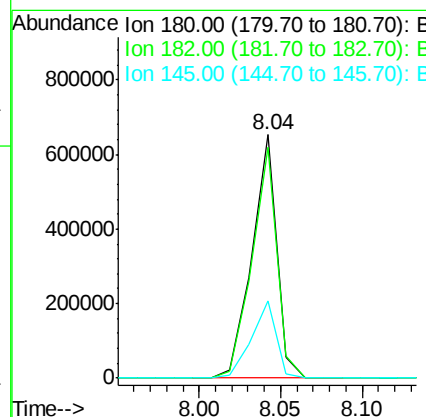
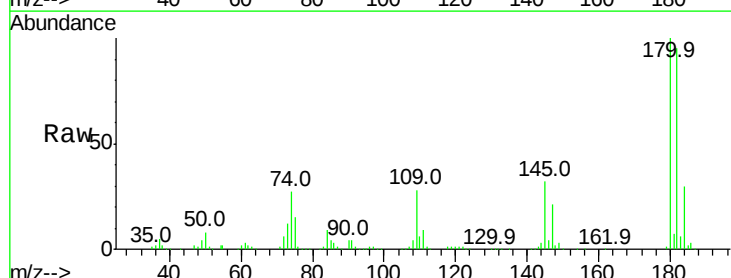
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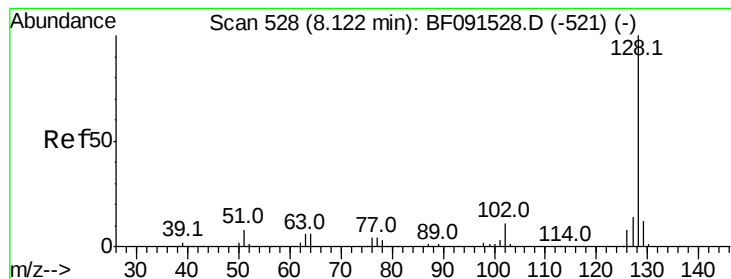
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.00 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	75.8	113.8
145	31.5	27.0	40.4





#31

Naphthalene

Concen: 43.49 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:128 Resp: 2227214

Ion Ratio Lower Upper

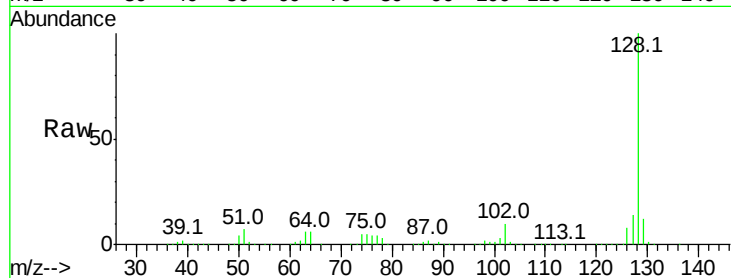
128 100

129 11.7 9.1 13.7

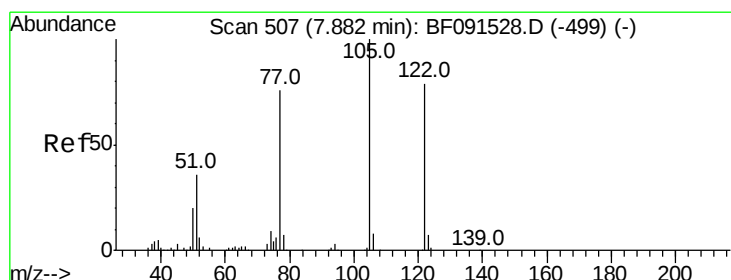
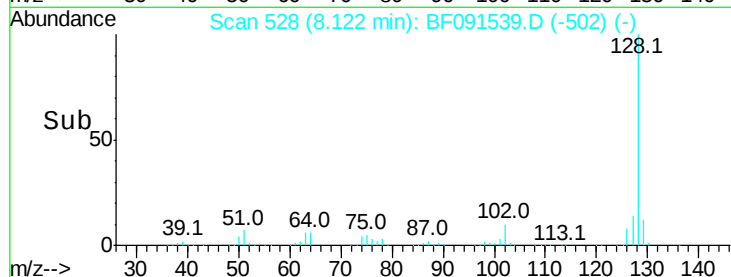
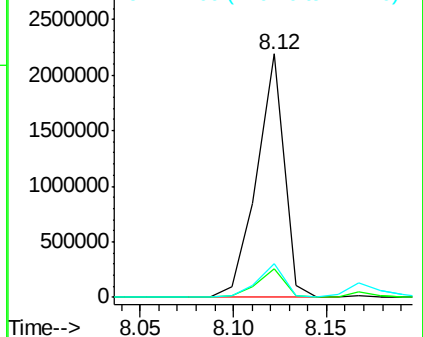
127 13.7 11.0 16.4

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



#32

Benzoic acid

Concen: 38.32 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

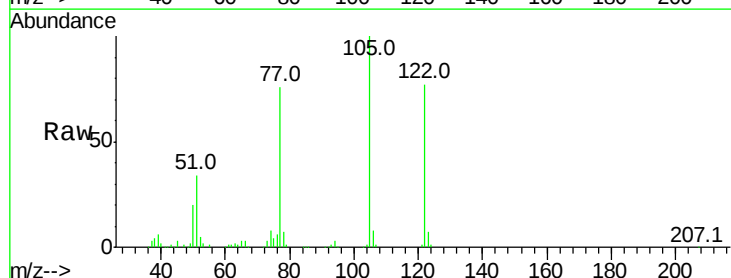
Tgt Ion:122 Resp: 431528

Ion Ratio Lower Upper

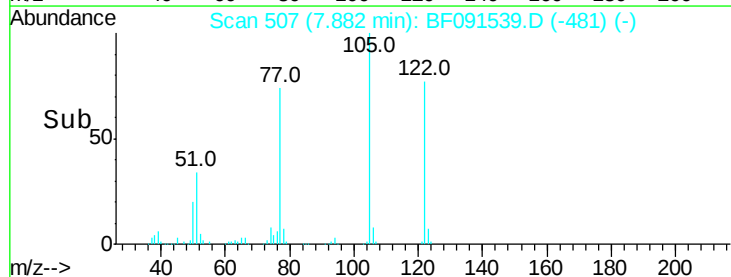
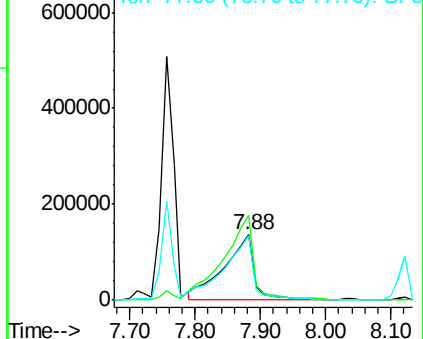
122 100

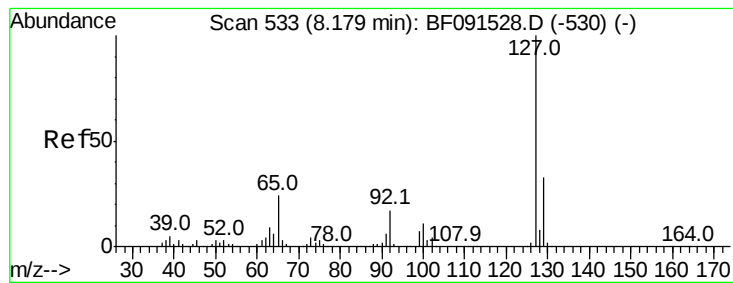
105 129.6 113.0 153.0

77 98.1 82.0 122.0



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





#33

4-Chloroaniline

Concen: 8.78 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

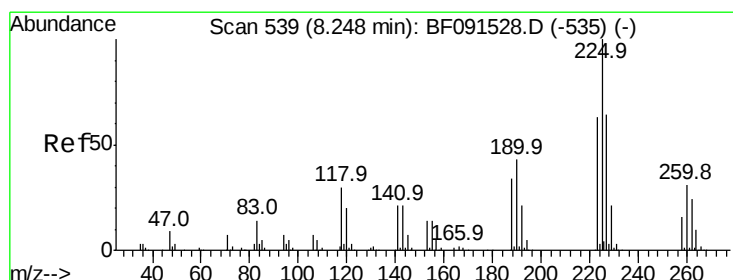
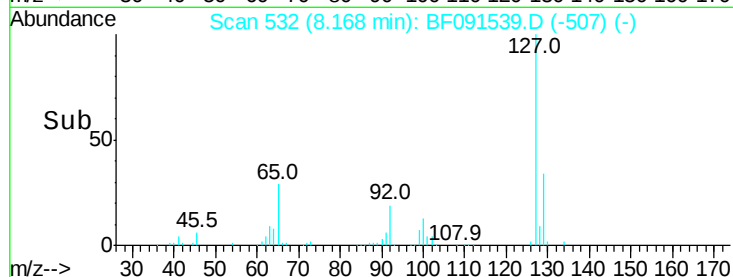
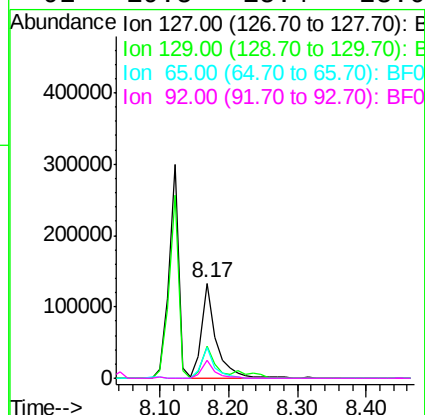
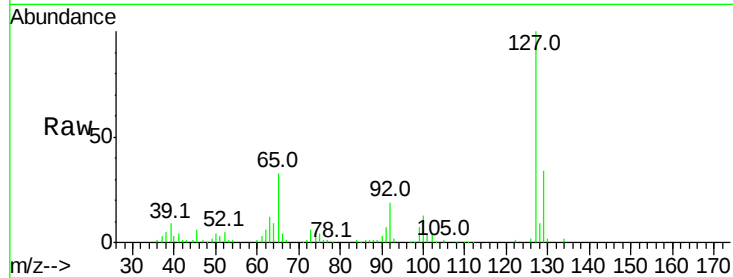
ClientSampleId :

PB95152BS

Tot Ion:	127	Resp:	193731
Ion Ratio	Lower	Upper	
127	100		
129	33.6	26.2	39.4
65	32.8	26.6	39.8
92	19.5	15.4	23.0

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#34

Hexachlorobutadiene

Concen: 42.46 ng

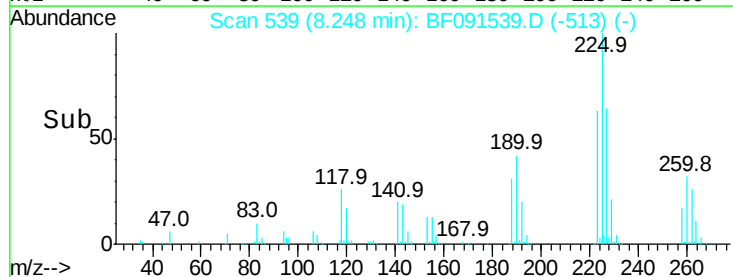
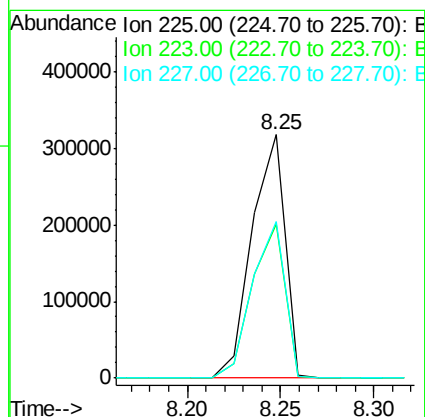
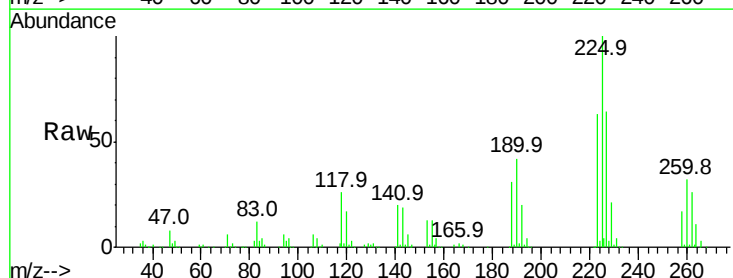
RT: 8.25 min Scan# 539

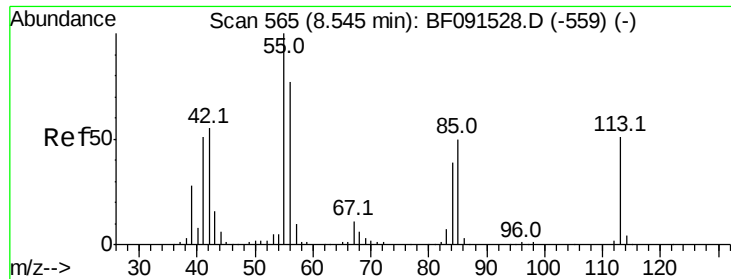
Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:	225	Resp:	388769
Ion Ratio	Lower	Upper	
225	100		
223	63.0	49.8	74.6
227	64.2	52.6	79.0





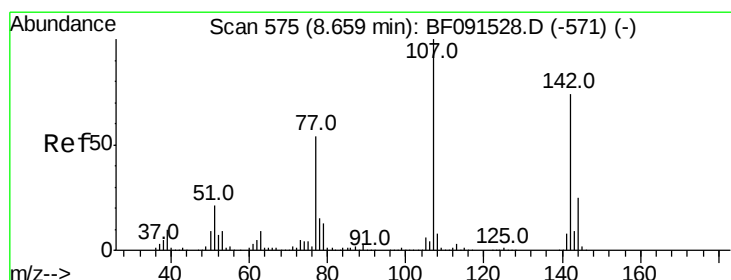
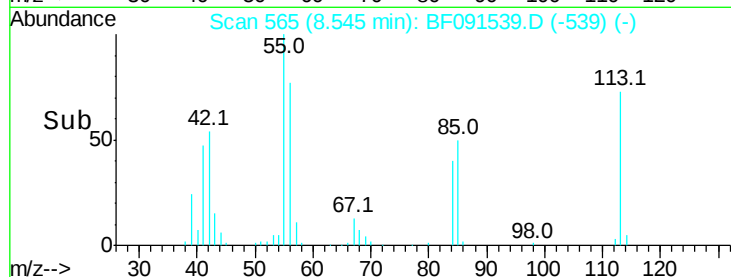
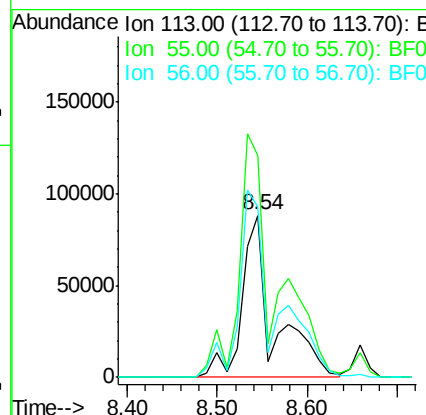
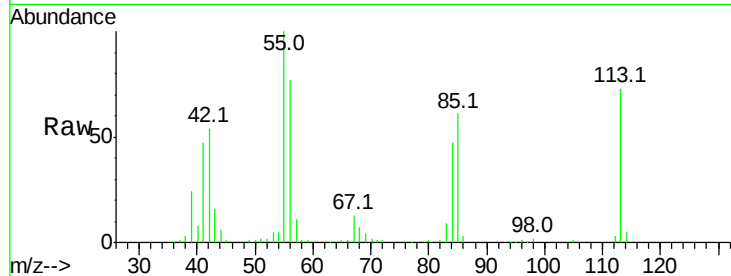
#35
Caprolactam
Concen: 52.28 ng/ml
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.8	239.8	279.8#
56	105.3	165.6	205.6#

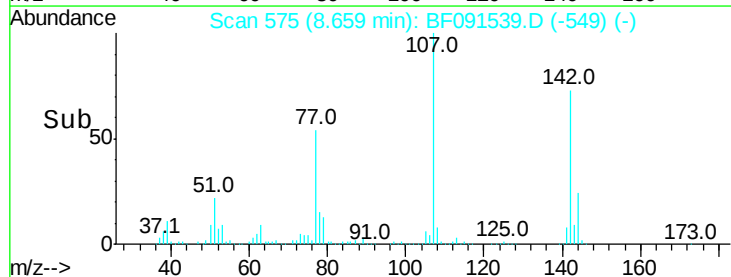
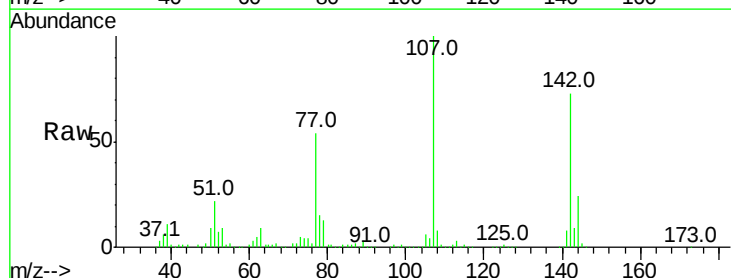
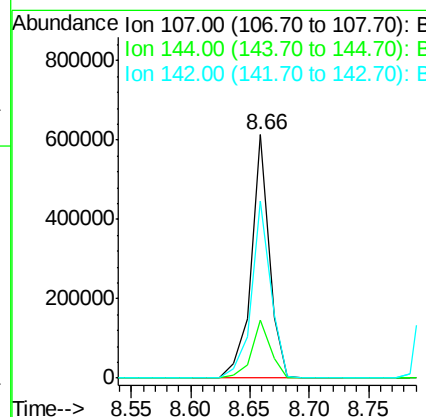
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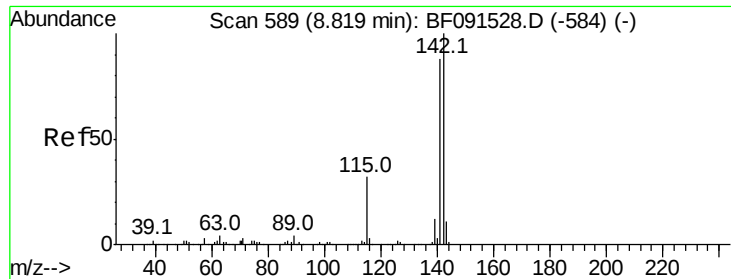
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#36
4-Chloro-3-methylphenol
Concen: 41.77 ng/ml
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	18.9	28.3
142	72.9	58.5	87.7





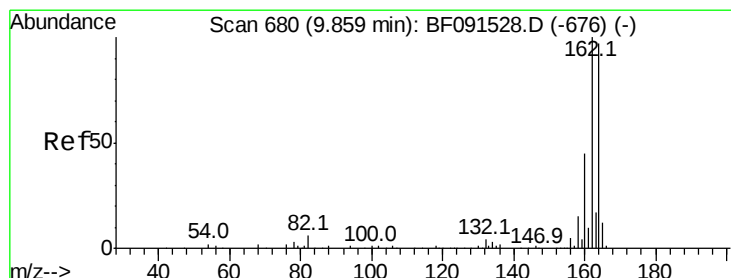
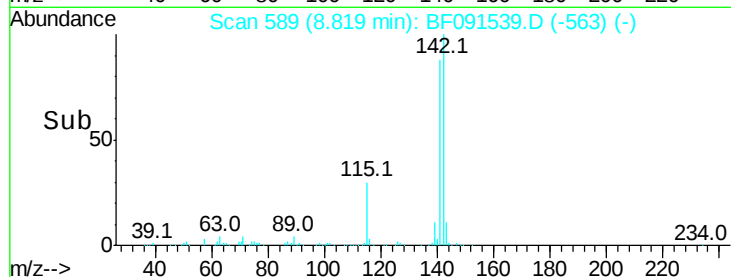
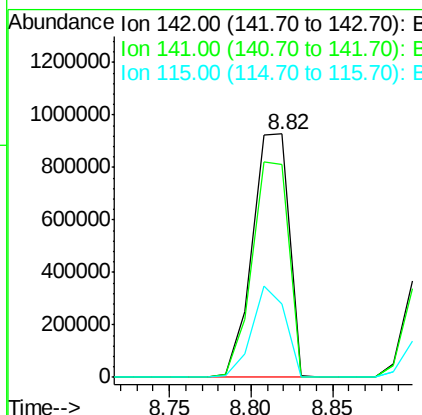
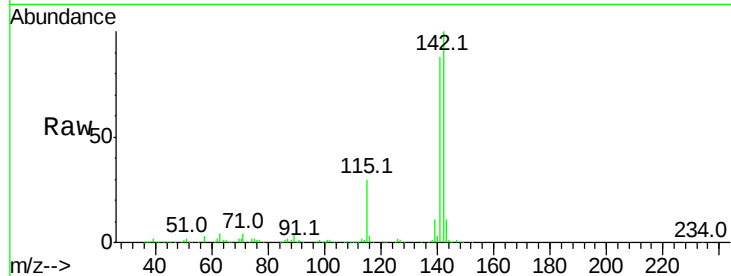
#37
 2-Methylnaphthalene
 Concen: 43.90 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.7	107.5
115	30.1	25.0	37.6

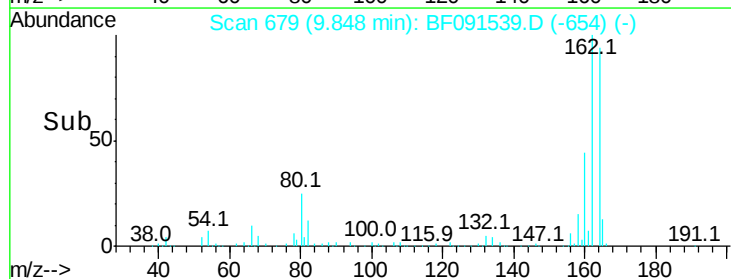
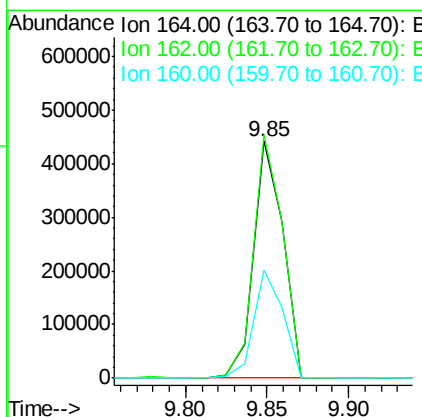
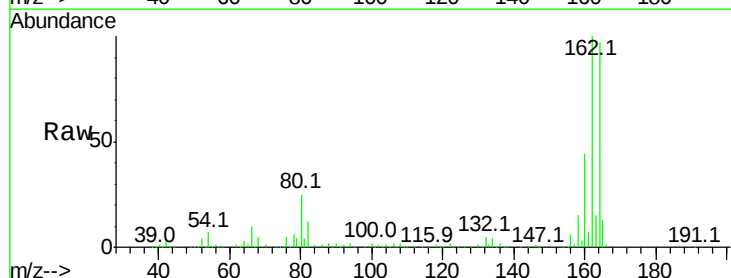
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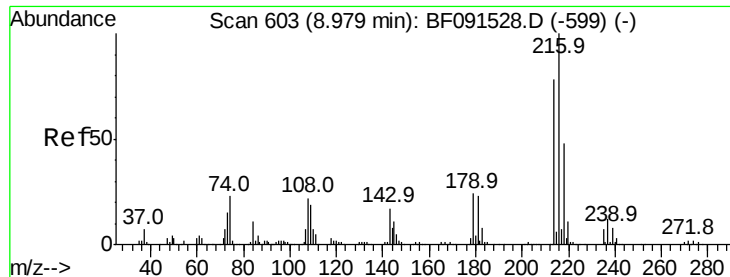
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	124.0
160	45.3	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.61 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

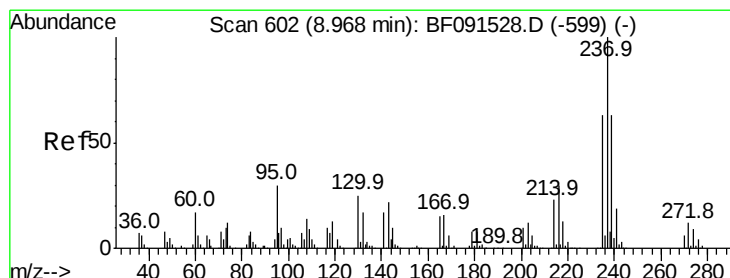
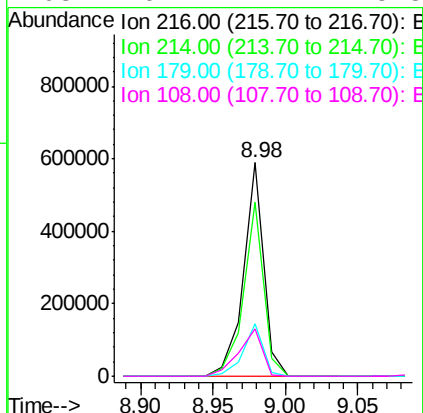
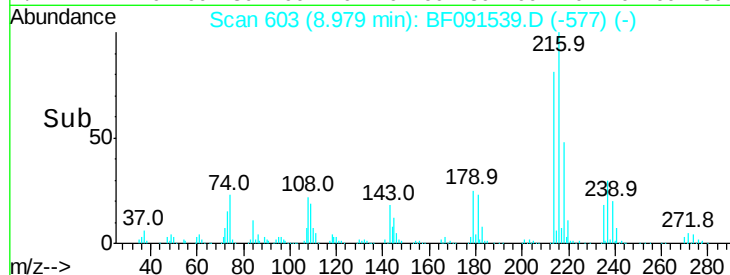
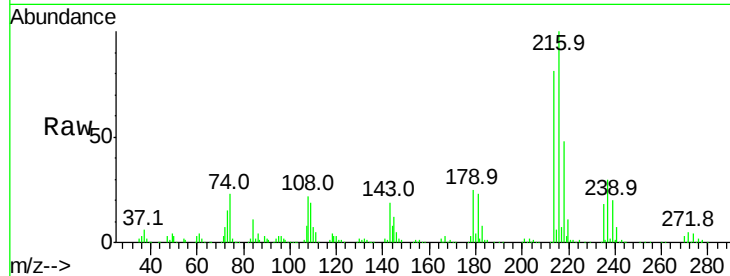
ClientSampleId :

PB95152BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	569248		
214	80.6	63.8	95.8	
179	23.9	18.2	27.2	
108	26.1	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 101.13 ng

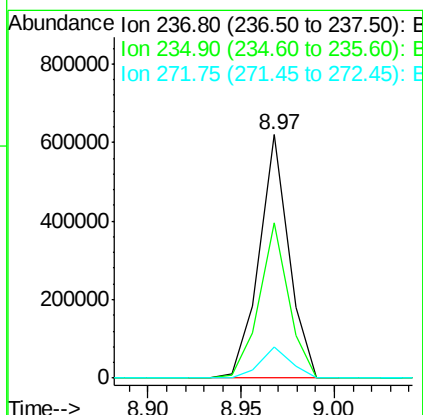
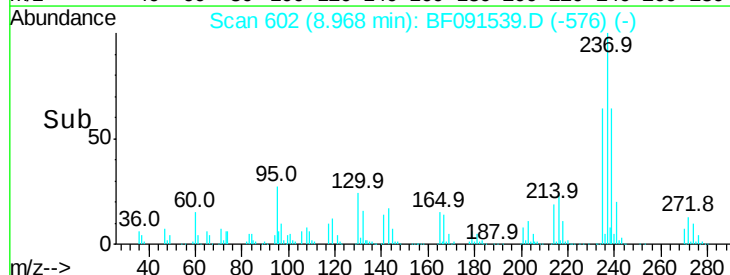
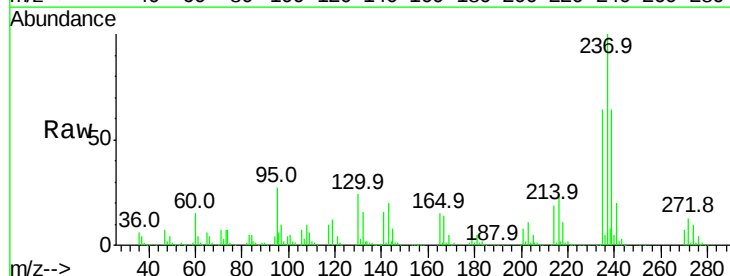
RT: 8.97 min Scan# 602

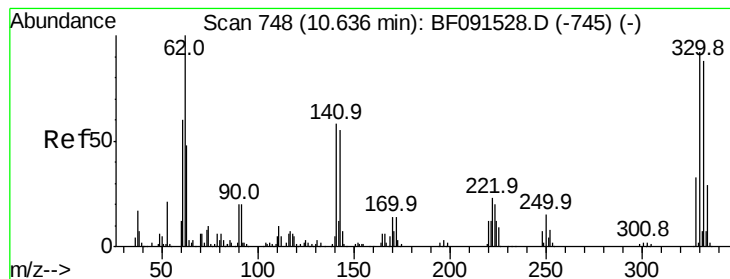
Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	682359		
235	63.8	43.9	83.9	
272	12.6	0.0	33.1	





#41

2,4,6-Tribromophenol

Concen: 73.48 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:330 Resp: 336789

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

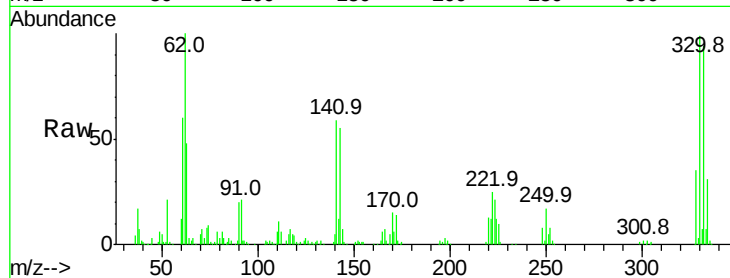
141 40.3 33.6 50.4

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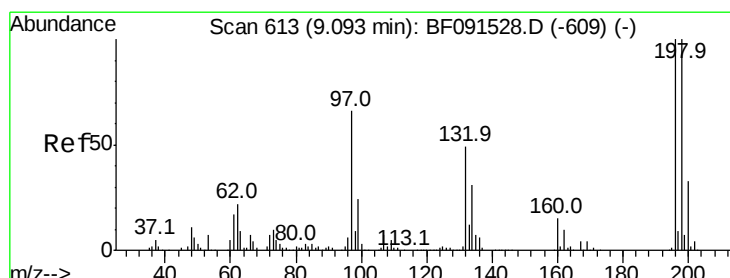
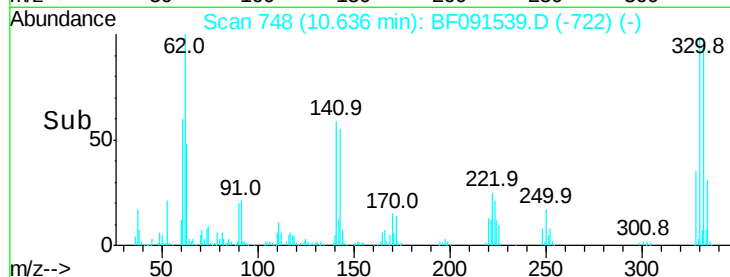
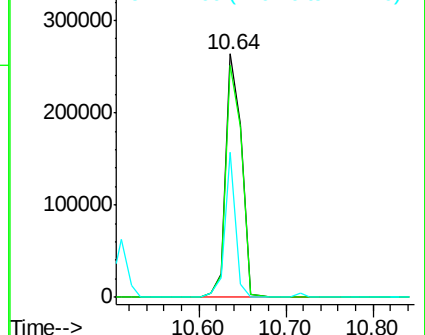
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.56 ng m

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

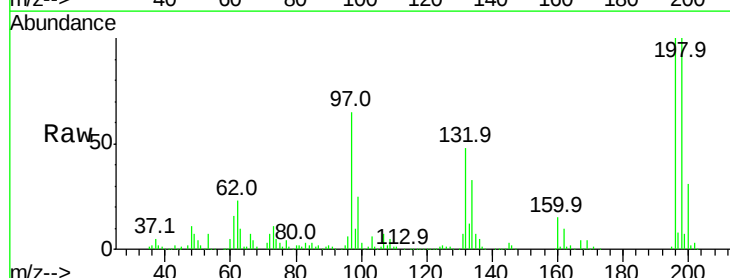
Tgt Ion:196 Resp: 433322

Ion Ratio Lower Upper

196 100

198 99.8 77.4 116.0

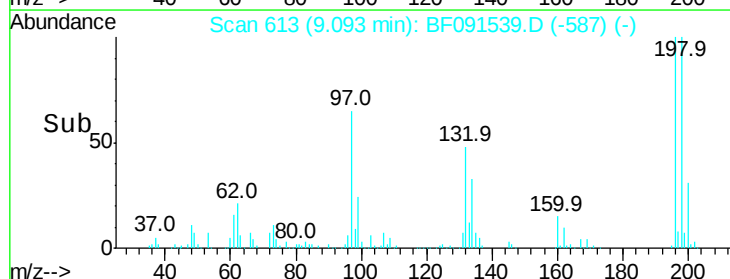
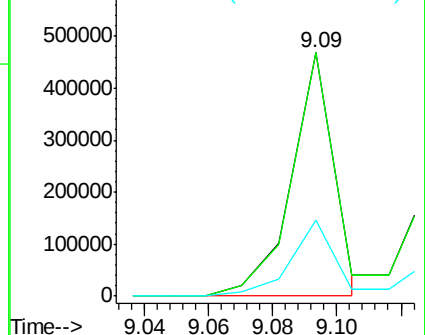
200 31.4 25.2 37.8

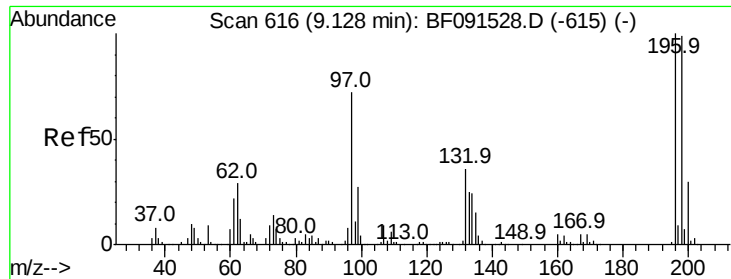


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





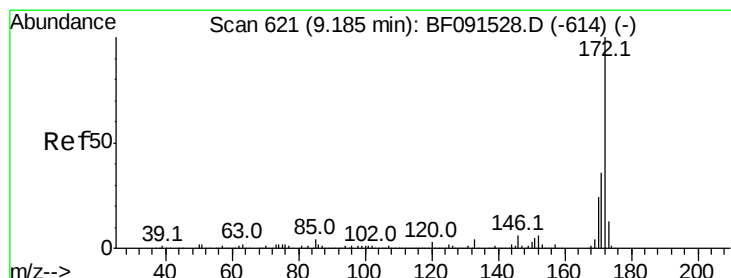
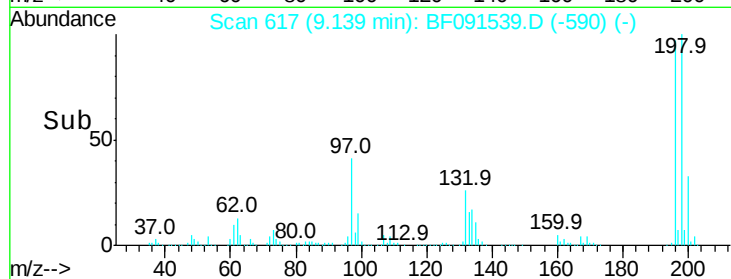
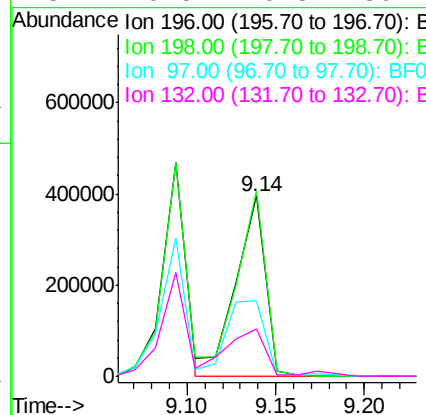
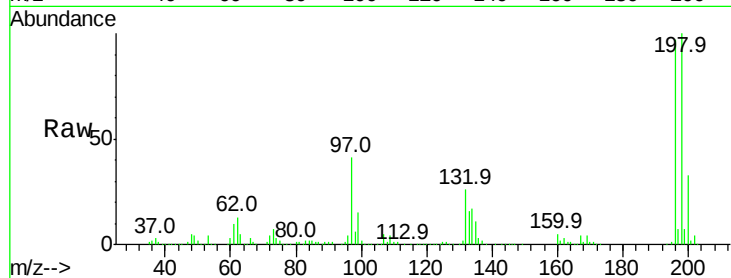
#43
 2,4,5-Trichlorophenol
 Concen: 45.01 ng/ml
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	449808		
198	103.5	77.0	115.6	
97	42.1	33.5	50.3	
132	26.5	20.5	30.7	

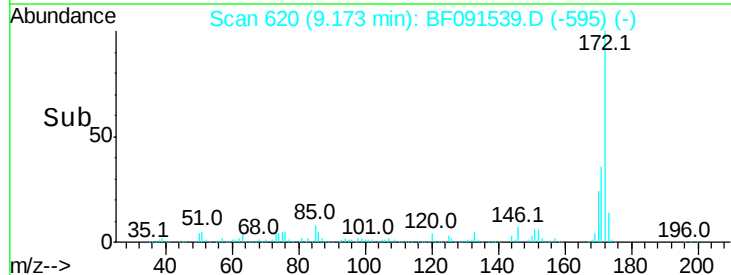
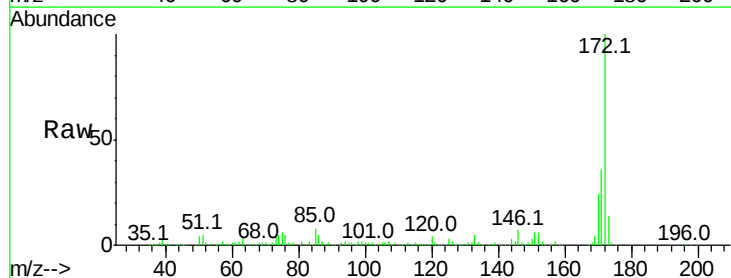
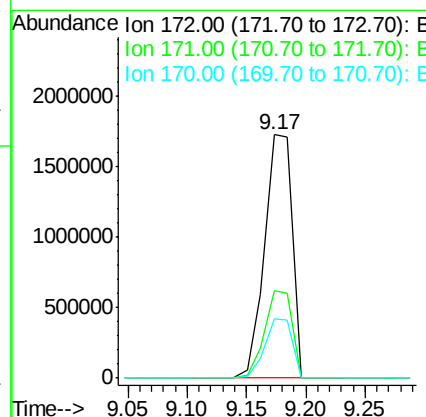
Manual Integrations
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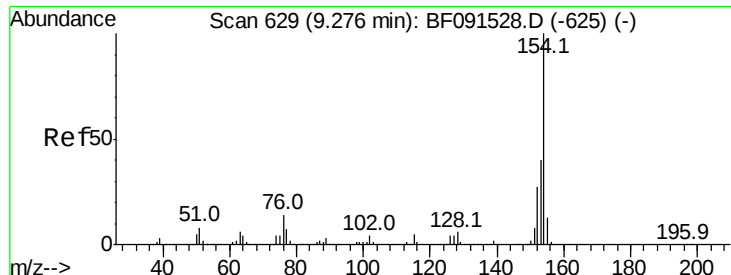
sohil
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#44
 2-Fluorobiphenyl
 Concen: 88.11 ng/ml
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2813983		
171	35.8	29.4	44.0	
170	24.4	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 41.84 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:154 Resp: 1672441

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

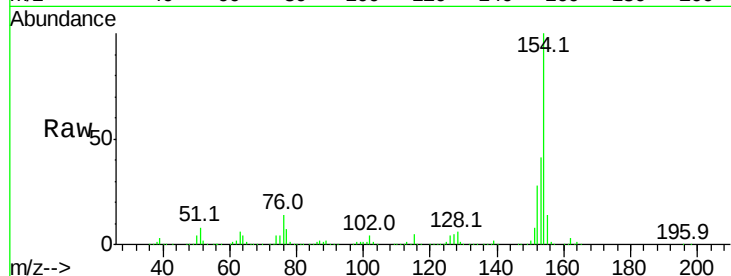
76 13.7 0.0 36.6

Manual Integrations

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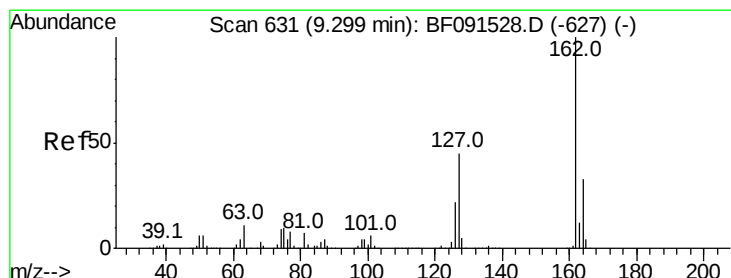
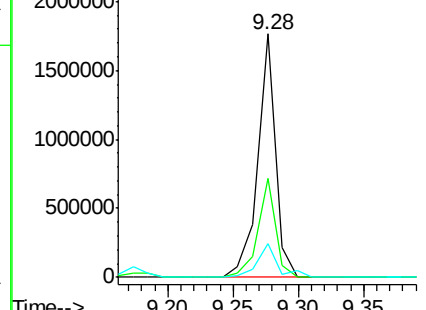
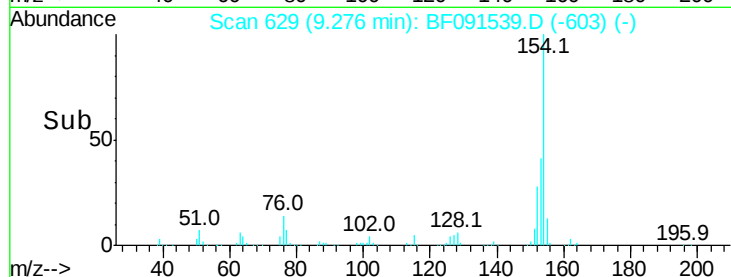
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.98 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

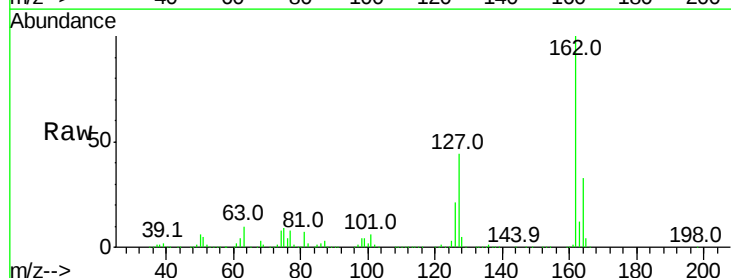
Tgt Ion:162 Resp: 1268476

Ion Ratio Lower Upper

162 100

127 44.2 34.3 51.5

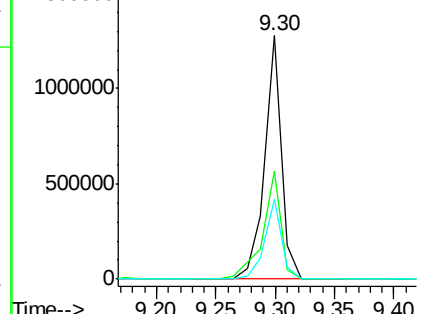
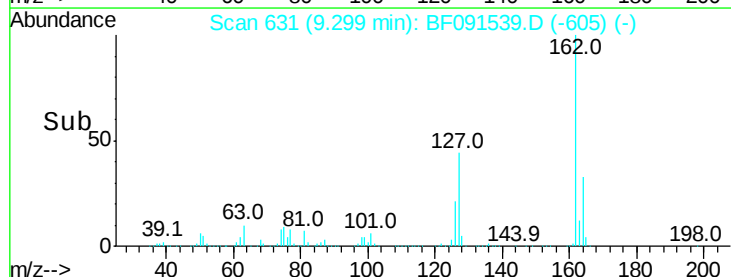
164 32.9 26.6 40.0

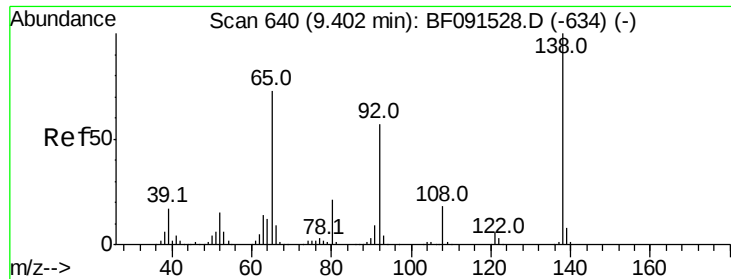


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





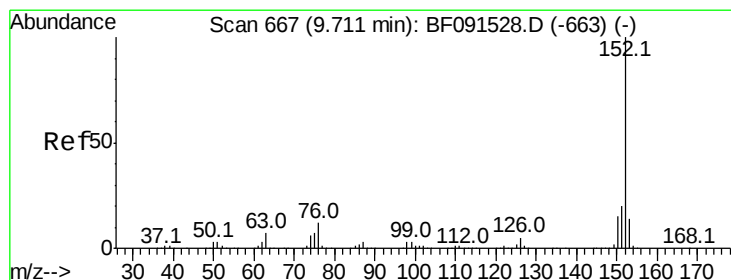
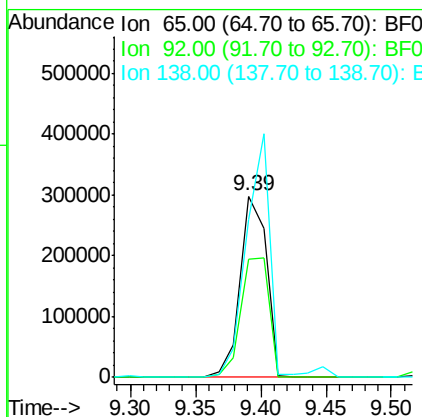
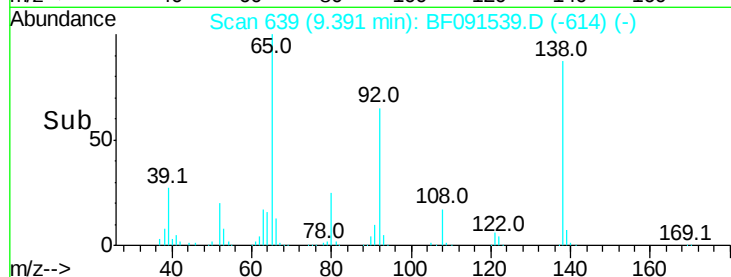
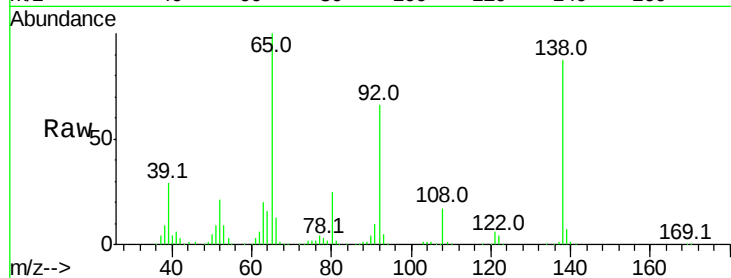
#47
2-Nitroaniline
Concen: 40.08 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.6	80.4
138	87.2	91.0	136.6

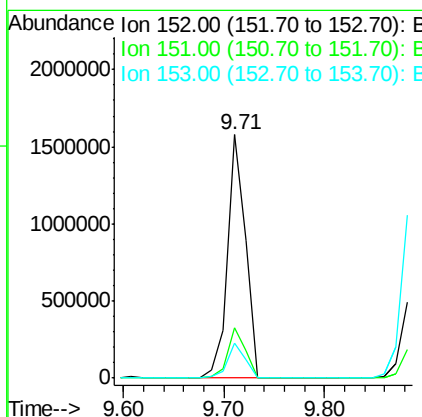
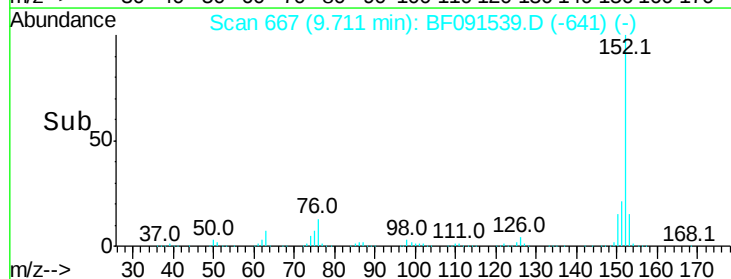
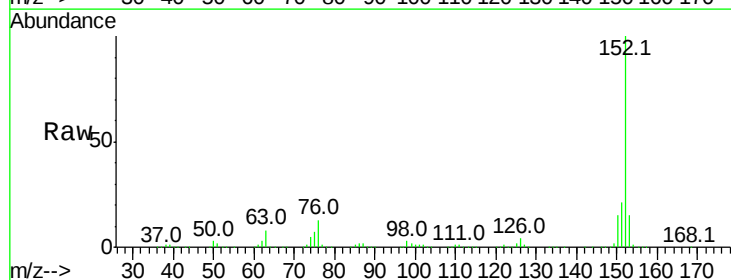
Manual Integrations
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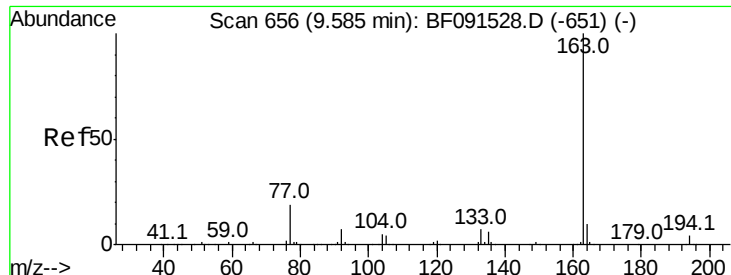
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#48
Acenaphthylene
Concen: 41.31 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.6	10.7	16.1





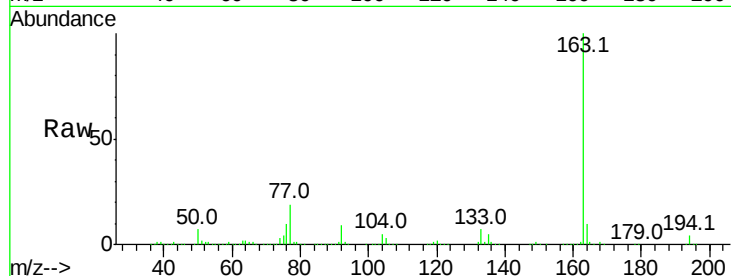
#49
Dimethylphthalate
Concen: 45.42 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.3	7.8	11.8

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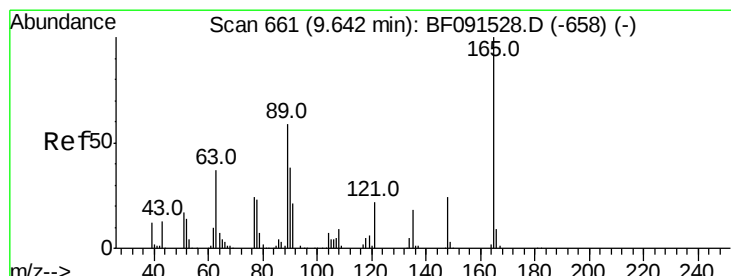
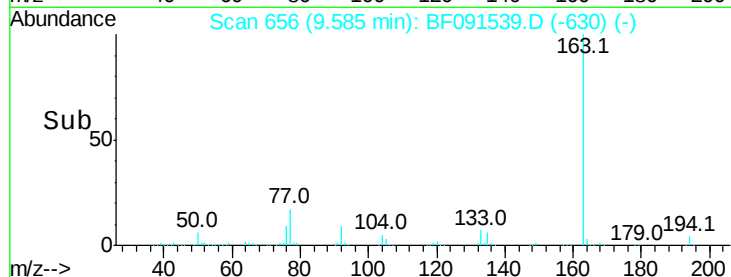
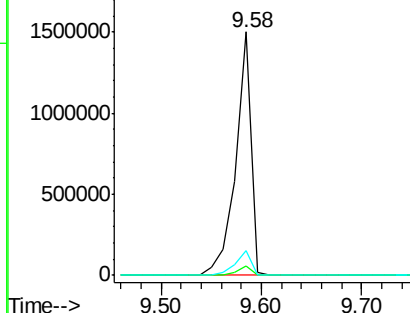


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 49.13 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

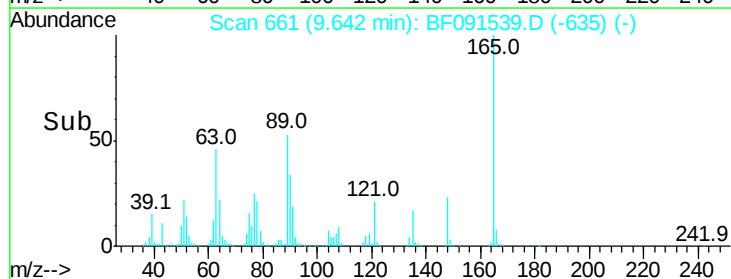
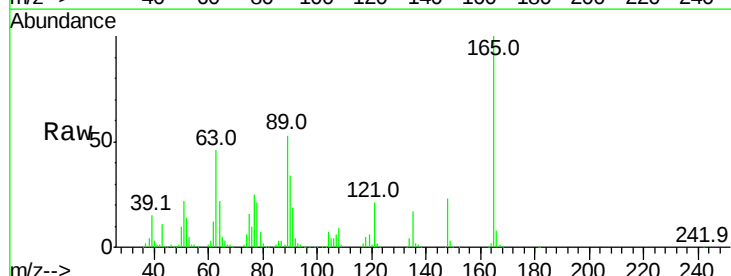
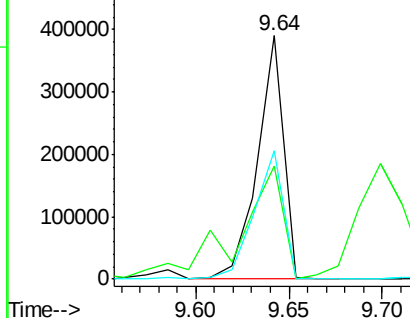
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.3	59.4	89.0#
89	52.9	50.8	76.2

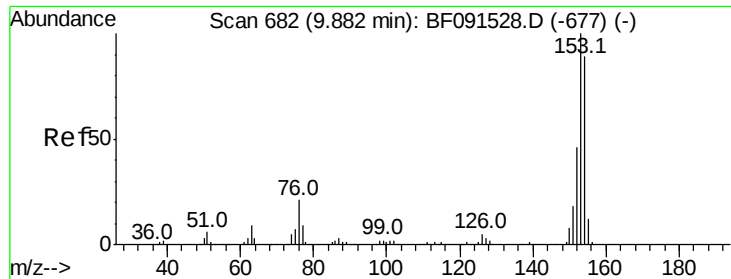
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.65 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:154 Resp: 1397585

Ion Ratio Lower Upper

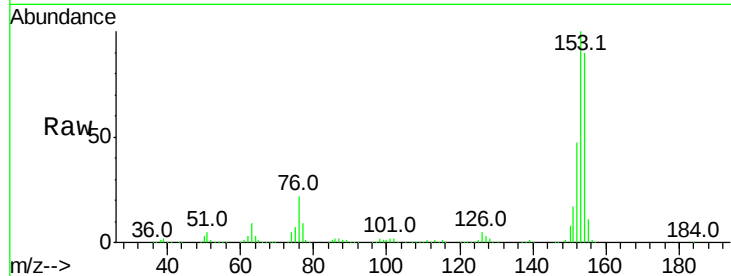
154 100

153 111.1 91.0 136.6

152 52.0 44.2 66.2

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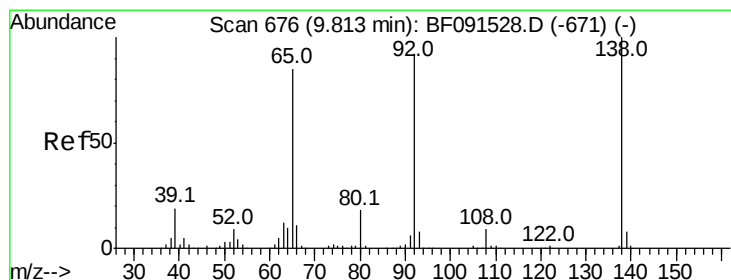
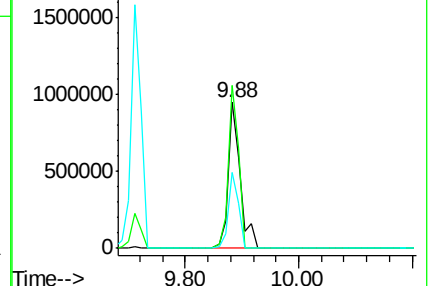
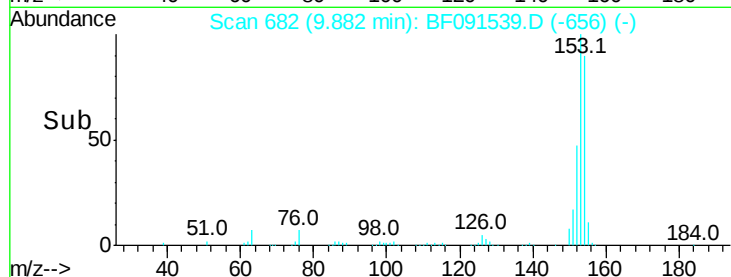
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.38 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

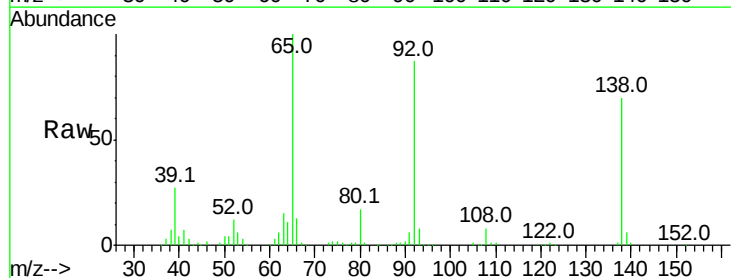
Tgt Ion:138 Resp: 165577

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

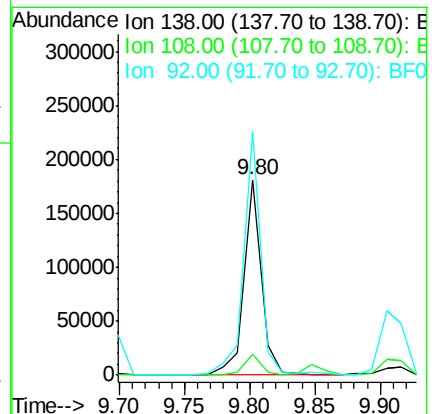
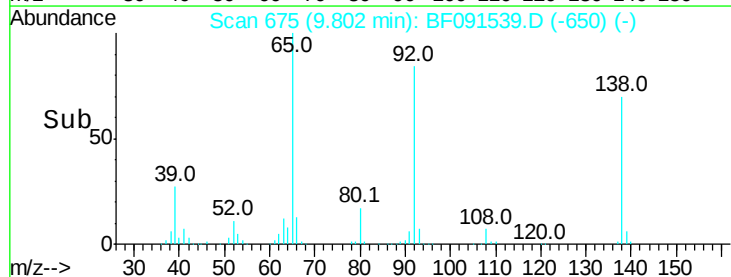
92 124.7 92.5 138.7

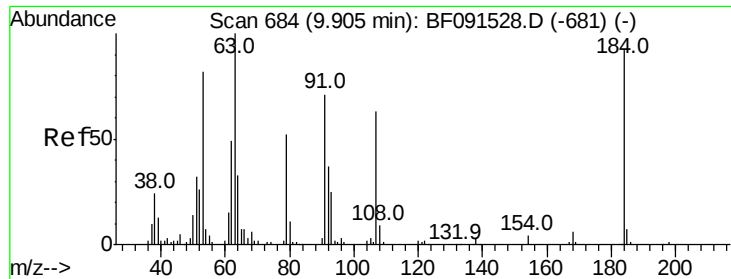


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





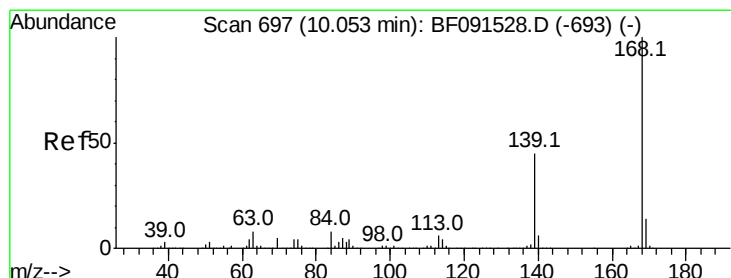
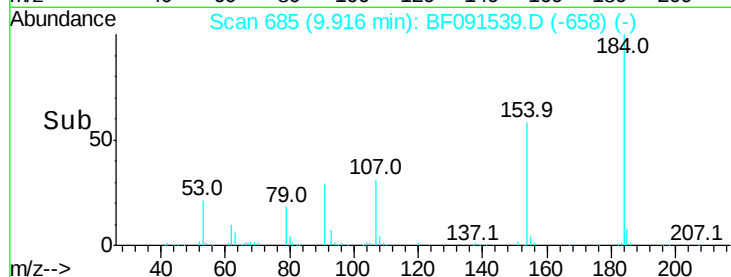
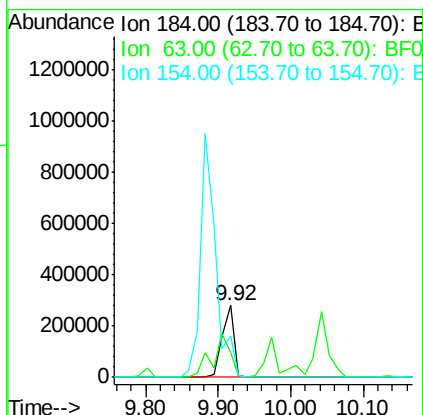
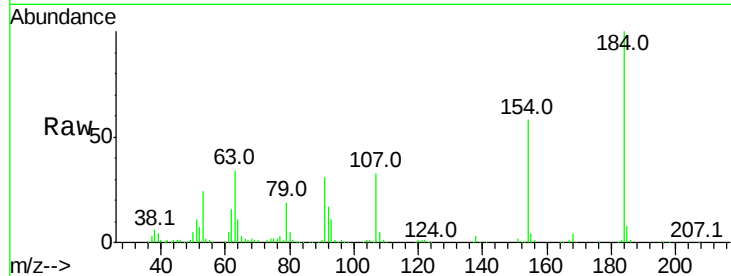
#53
2,4-Dinitrophenol
Concen: 73.43 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion:184 Resp: 319207
Ion Ratio Lower Upper
184 100
63 34.5 58.3 87.5#
154 57.8 48.6 73.0

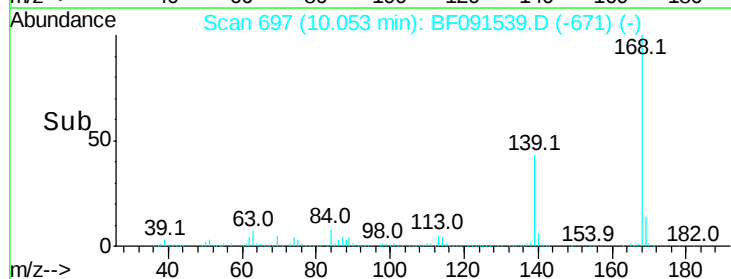
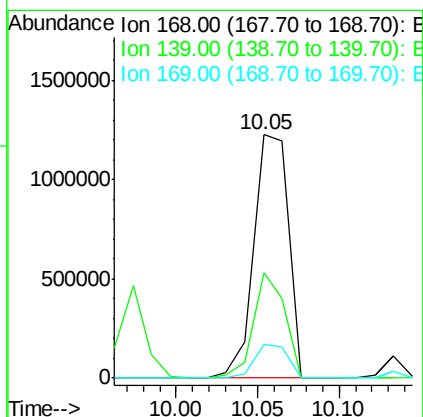
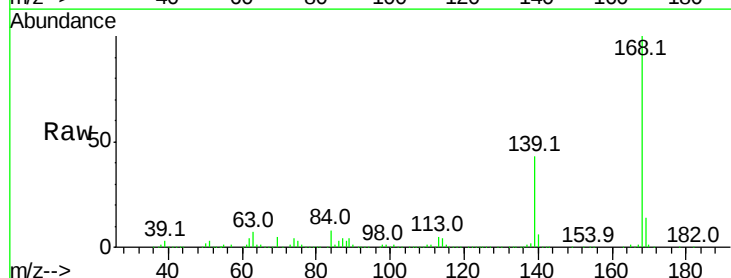
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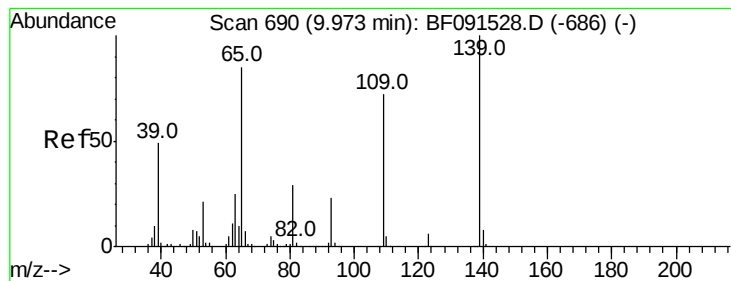
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#54
Dibenzofuran
Concen: 44.67 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:168 Resp: 1810833
Ion Ratio Lower Upper
168 100
139 43.0 33.4 50.2
169 14.0 11.1 16.7





#55

4-Nitrophenol

Concen: 78.56 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

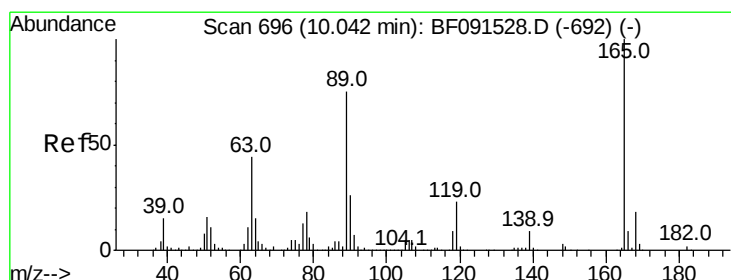
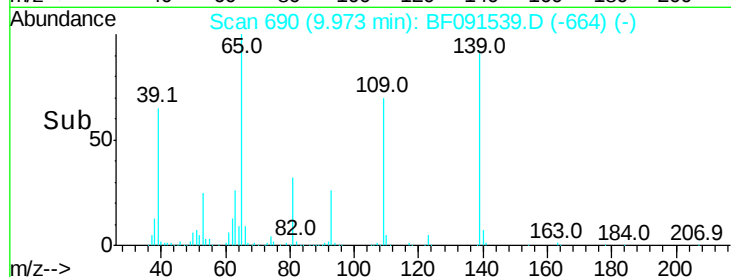
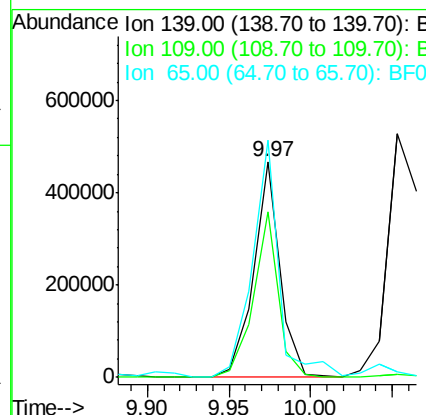
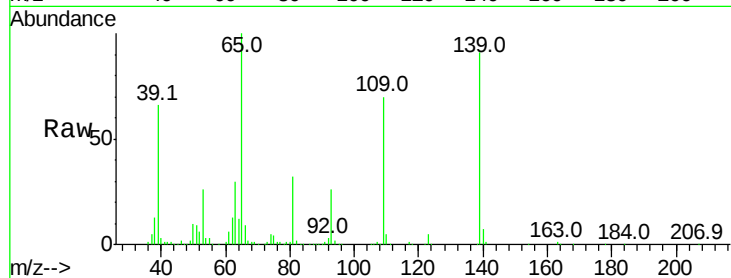
ClientSampleId :

PB95152BS

Tot Ion:	139	Resp:	526509
Ion Ratio	Lower	Upper	
139	100		
109	77.1	54.9	94.9
65	110.3	102.2	142.2

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#56

2,4-Dinitrotoluene

Concen: 46.49 ng

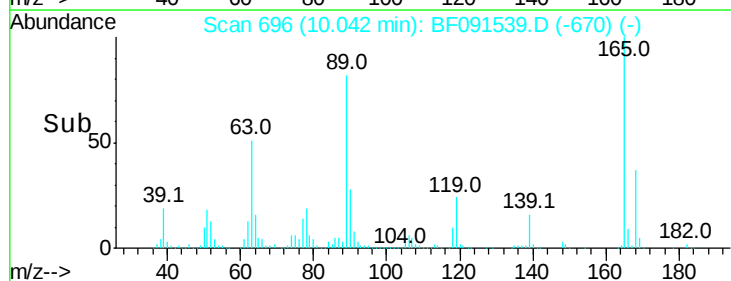
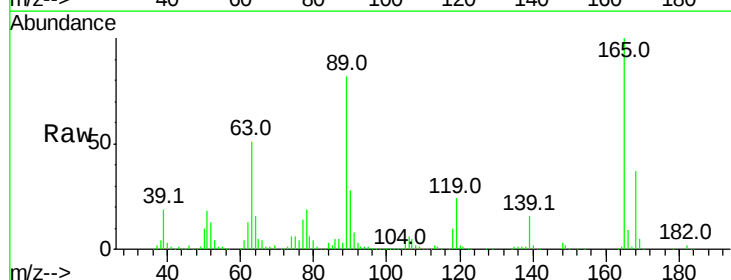
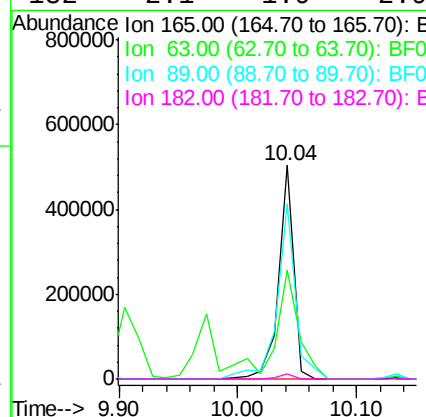
RT: 10.04 min Scan# 696

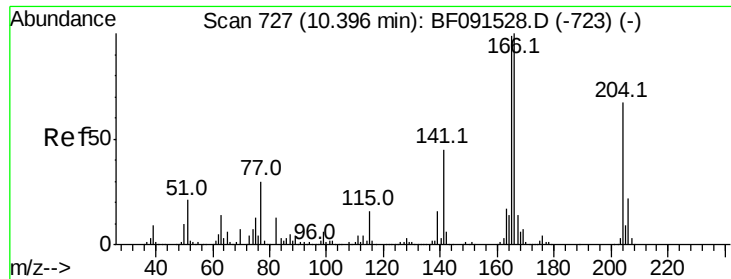
Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:	165	Resp:	446883
Ion Ratio	Lower	Upper	
165	100		
63	50.7	29.0	43.4#
89	81.9	43.1	64.7#
182	2.1	1.9	2.9





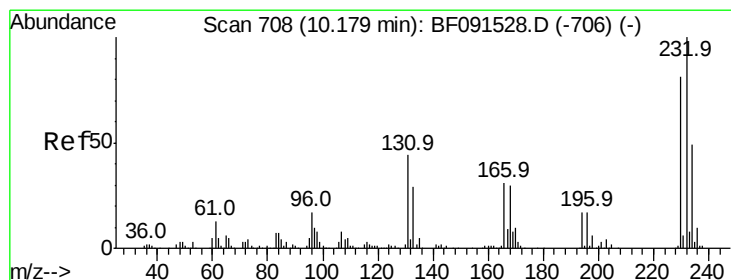
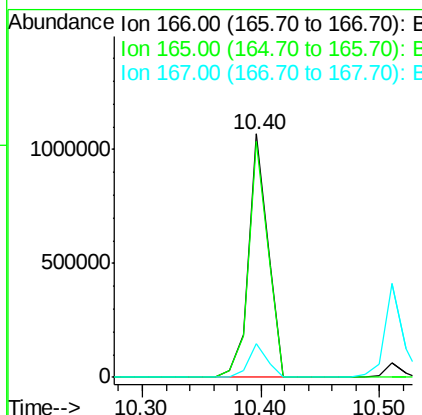
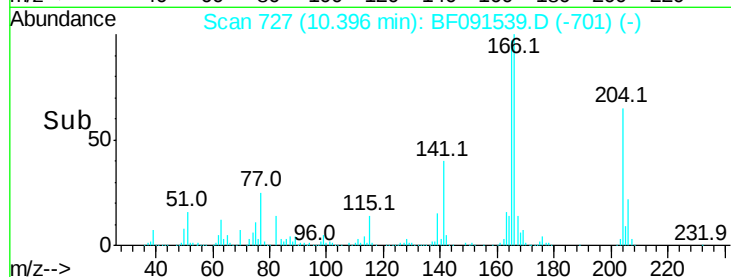
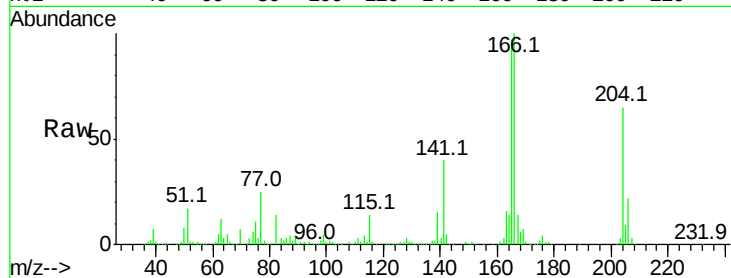
#57
Fluorene
 Concen: 41.84 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion:166 Resp: 1222155
 Ion Ratio Lower Upper
 166 100
 165 97.1 80.0 120.0
 167 14.0 10.8 16.2

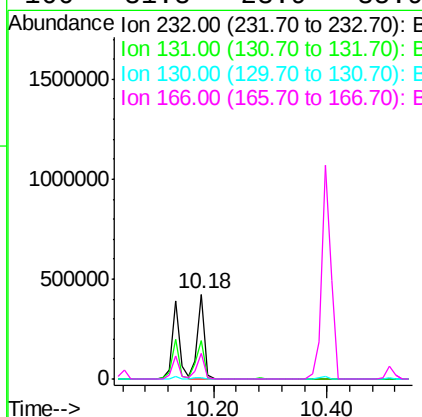
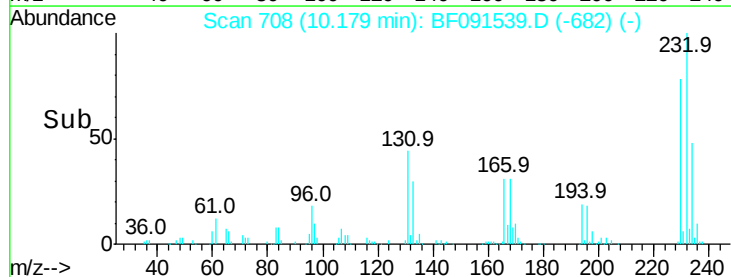
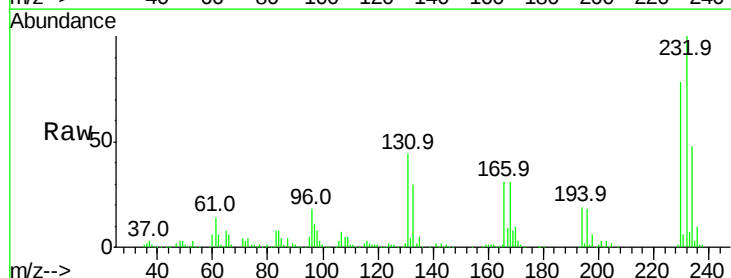
Manual Integrations
 APPROVED

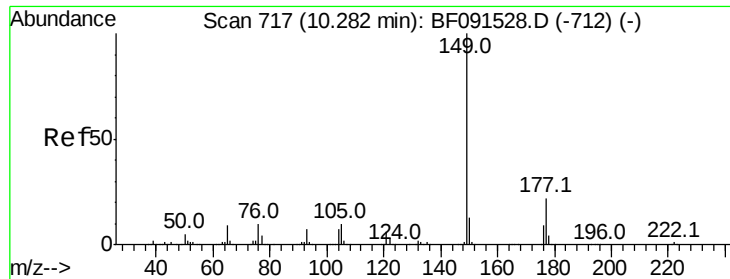
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.99 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:232 Resp: 375497
 Ion Ratio Lower Upper
 232 100
 131 50.0 38.4 57.6
 130 2.5 1.8 2.8
 166 31.8 23.9 35.9





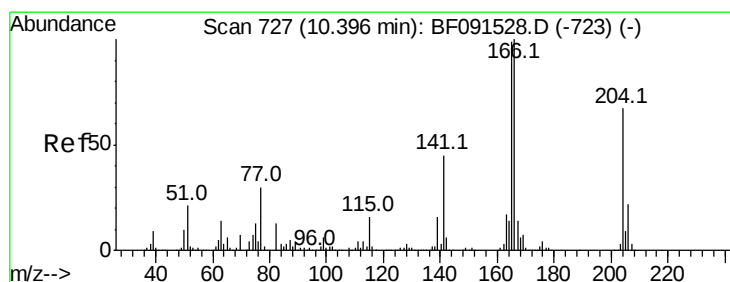
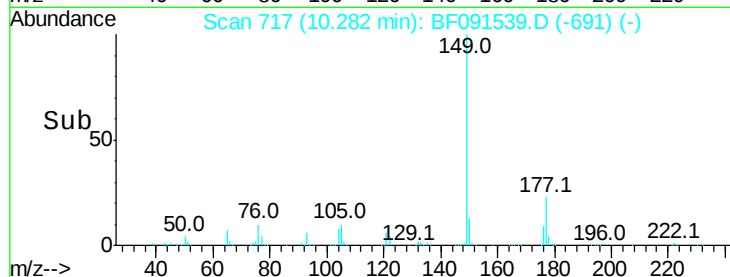
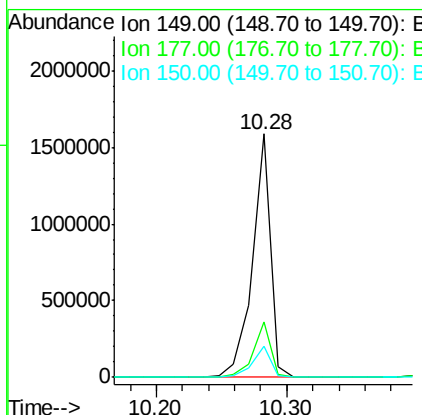
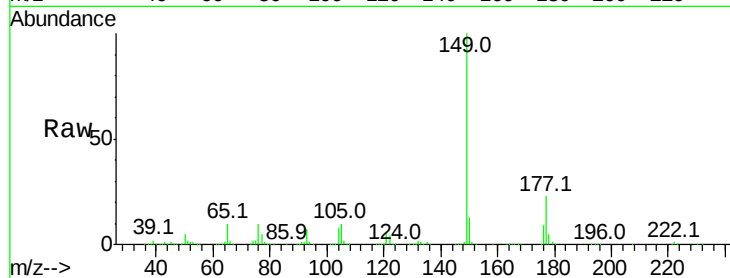
#59
Diethylphthalate
Concen: 45.25 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion:149 Resp: 1522599
Ion Ratio Lower Upper
149 100
177 22.7 15.7 23.5
150 12.8 10.2 15.2

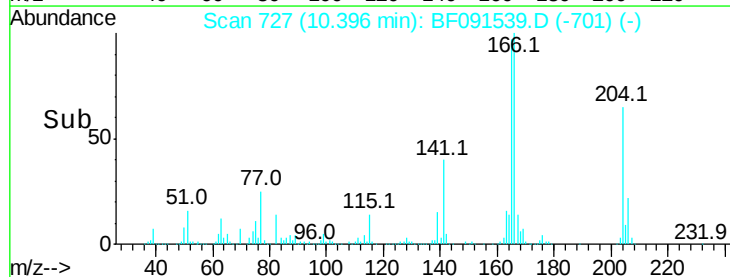
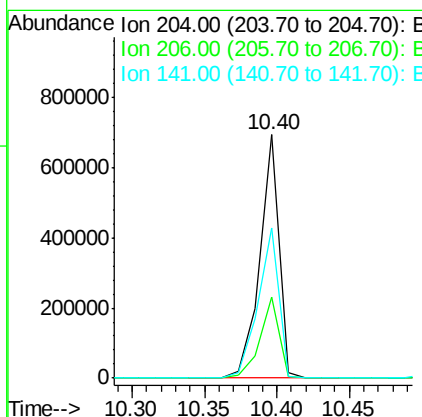
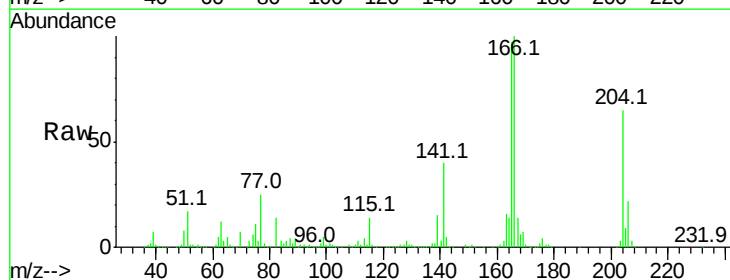
Manual Integrations
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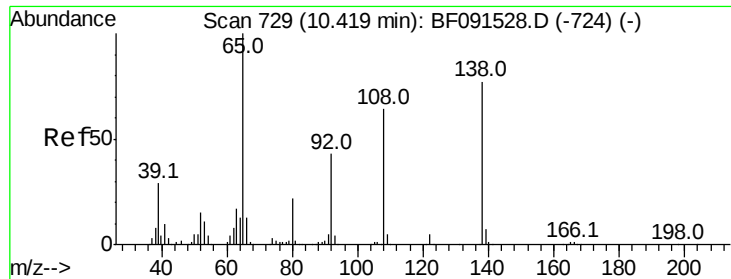
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#60
4-Chlorophenyl-phenylether
Concen: 43.65 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:204 Resp: 636339
Ion Ratio Lower Upper
204 100
206 33.4 26.1 39.1
141 61.8 40.6 61.0#





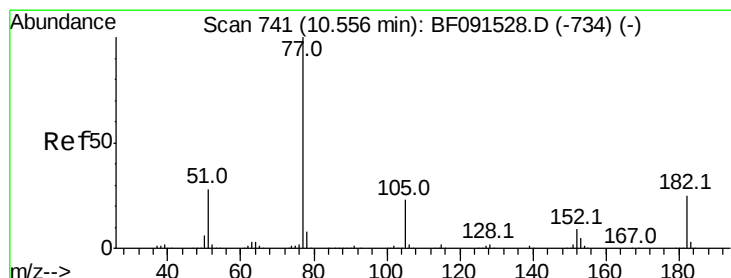
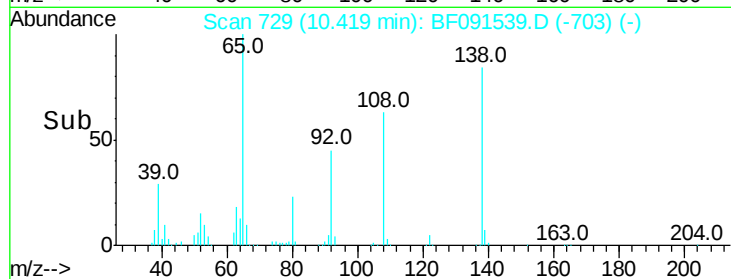
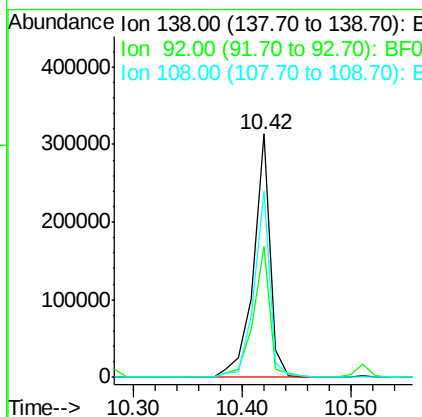
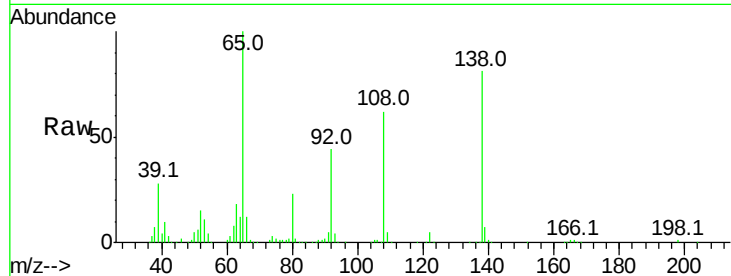
#61
4-Nitroaniline
Concen: 37.69 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.0	26.9	66.9
108	76.3	49.1	89.1

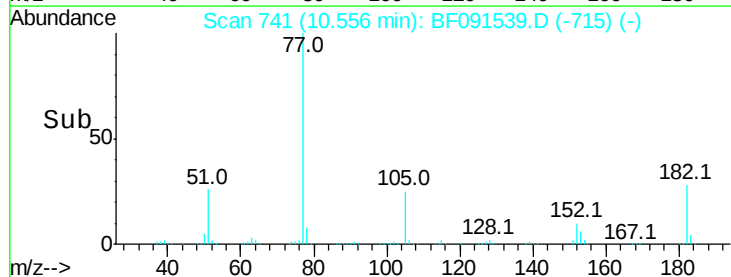
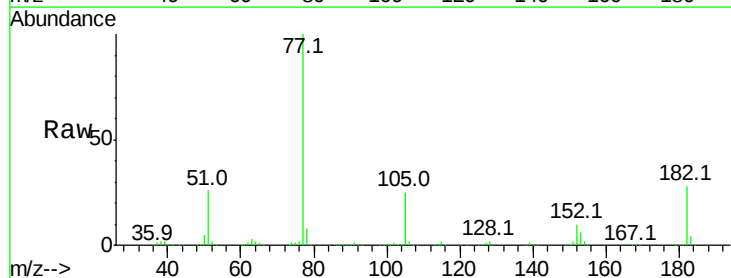
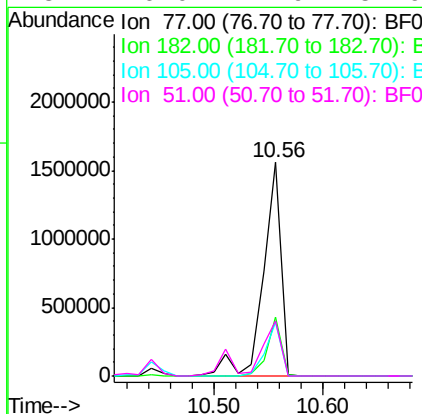
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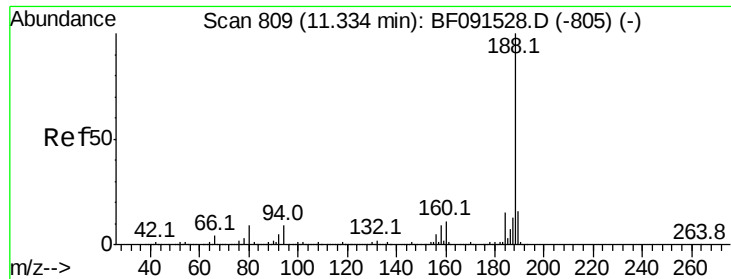
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#62
Azobenzene
Concen: 47.52 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	12.5	52.5
105	25.1	3.7	43.7
51	26.0	11.9	51.9





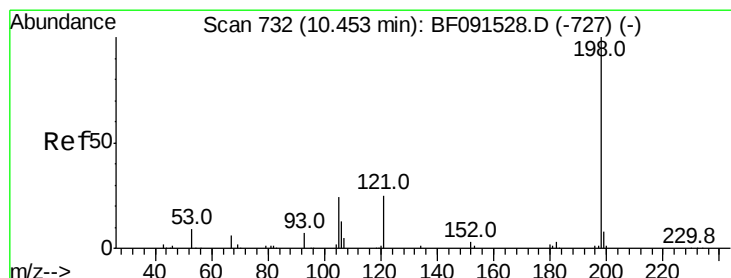
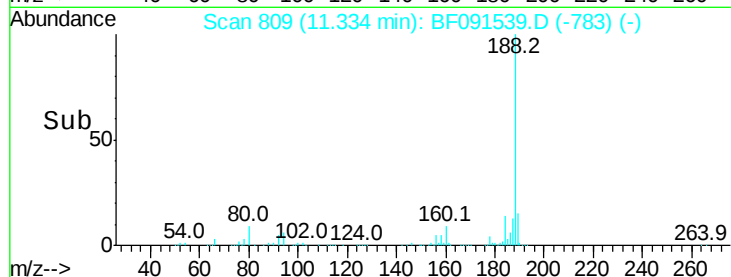
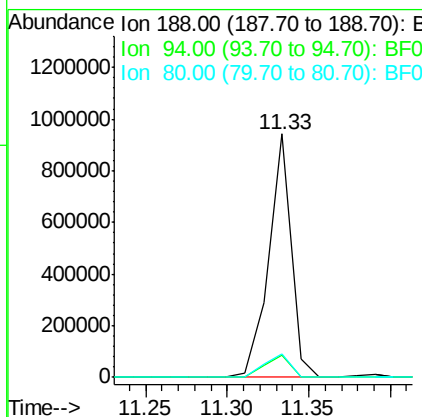
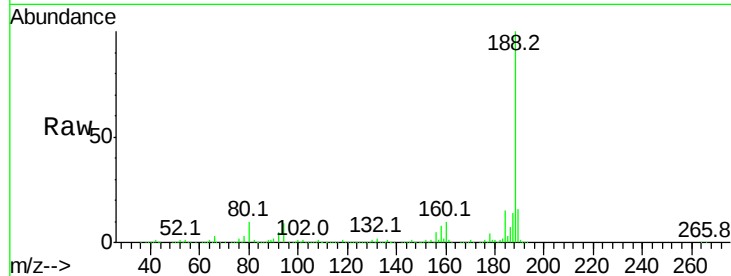
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	9.2	13.8
80	9.7	10.5	15.7#

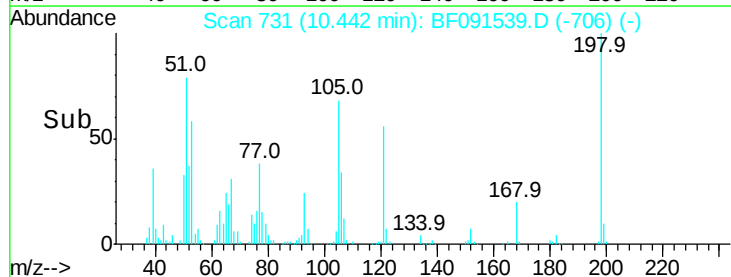
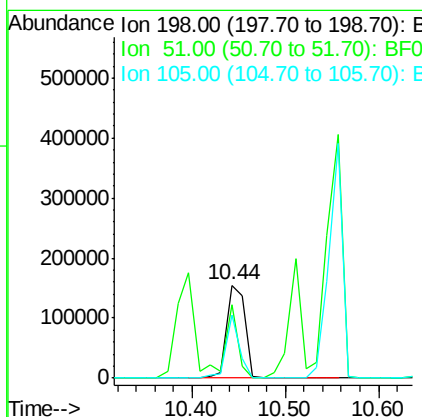
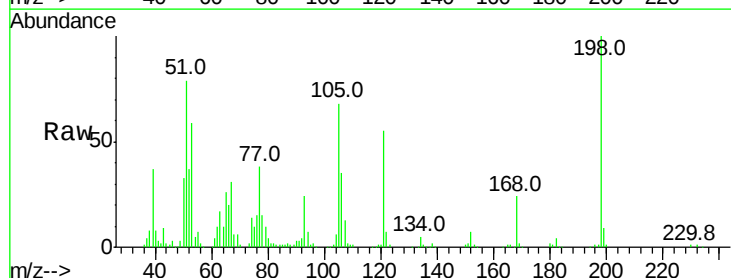
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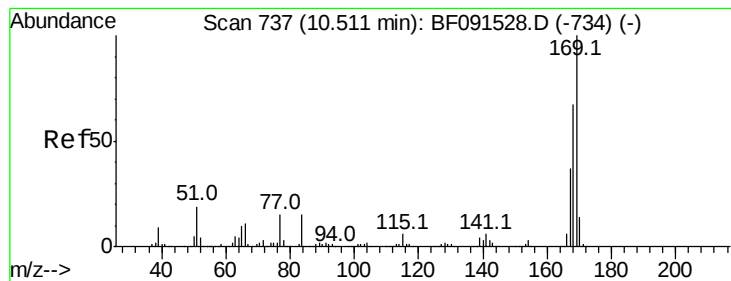
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.11 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	78.7	77.1	117.1
105	67.8	44.8	84.8





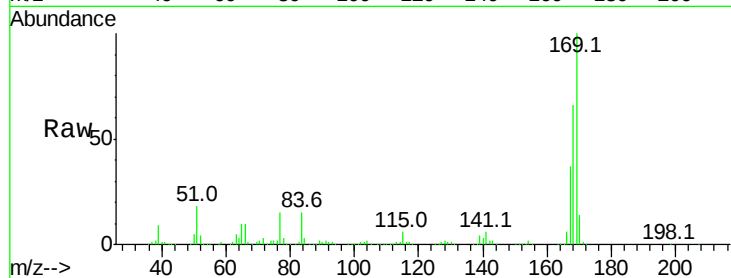
#65
n-Nitrosodiphenylamine
Concen: 41.83 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampled :
PB95152BS

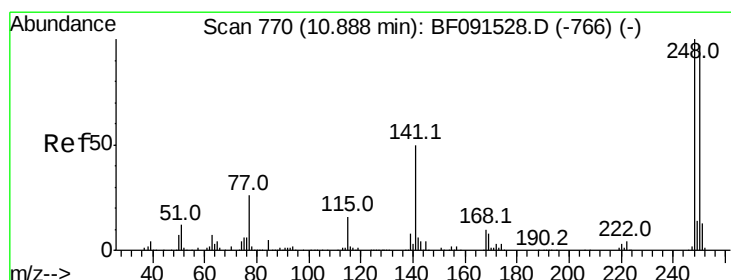
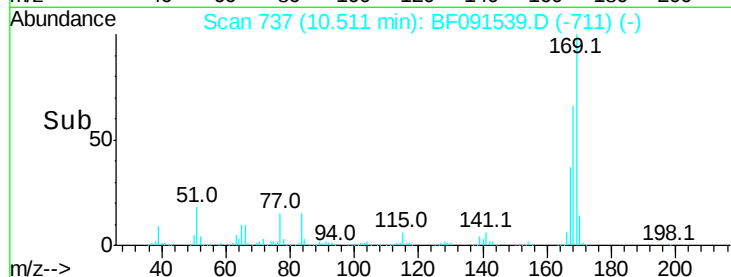
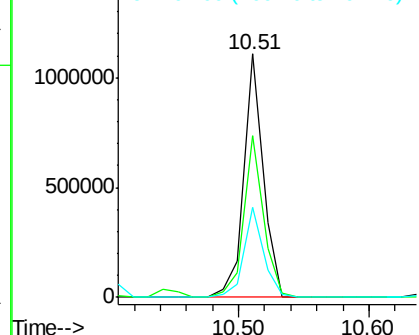
Tot Ion:169 Resp: 1135744
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 37.2 29.8 44.8

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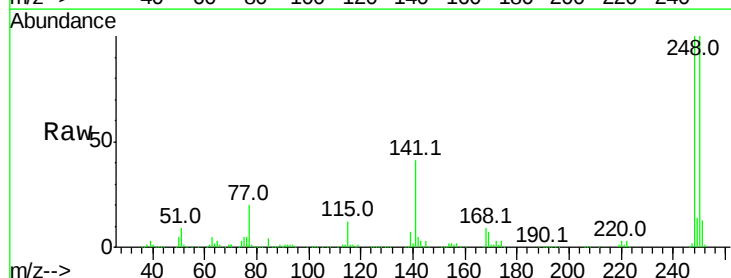


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

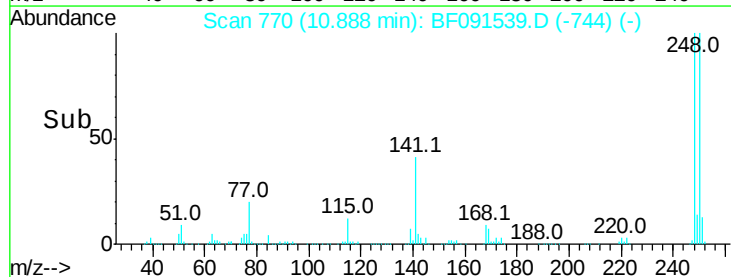
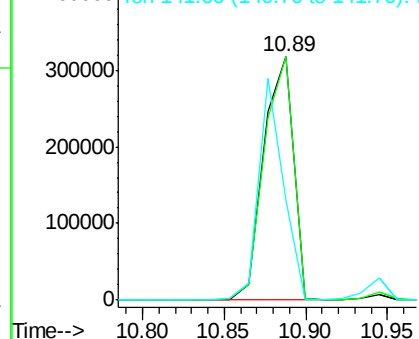


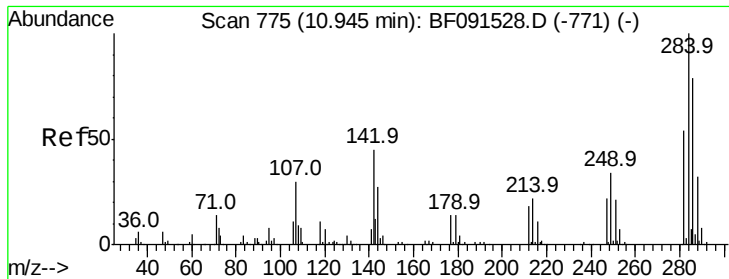
#66
4-Bromophenyl-phenylether
Concen: 43.13 ng
RT: 10.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion:248 Resp: 402771
Ion Ratio Lower Upper
248 100
250 100.1 78.2 117.4
141 41.3 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





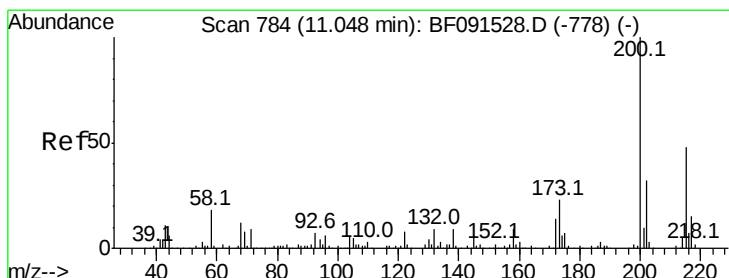
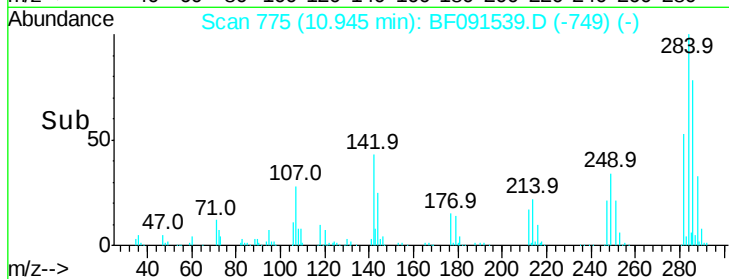
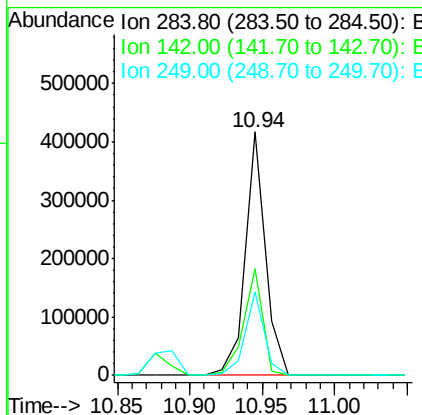
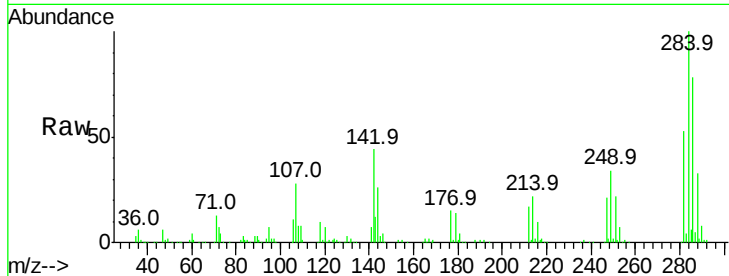
#67
Hexachlorobenzene
Concen: 41.23 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.8	17.9	26.9	
249	34.3	23.6	35.4	

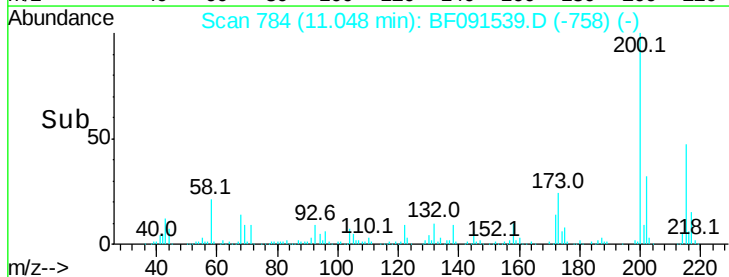
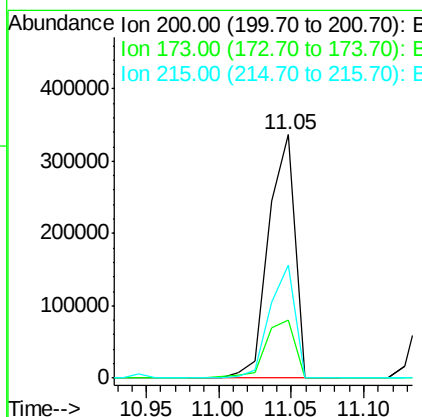
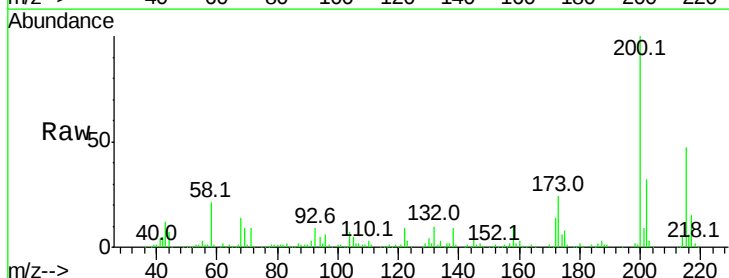
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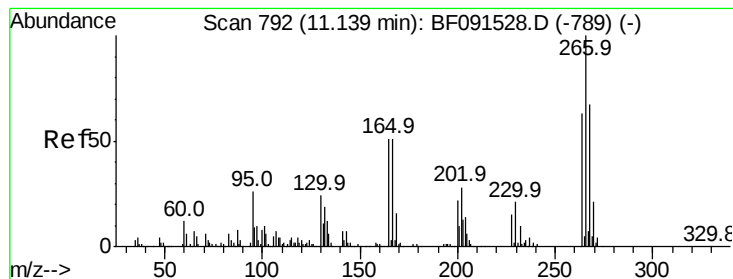
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#68
Atrazine
Concen: 48.26 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.9	7.8	47.8	
215	46.6	24.3	64.3	





#69

Pentachlorophenol

Concen: 79.60 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

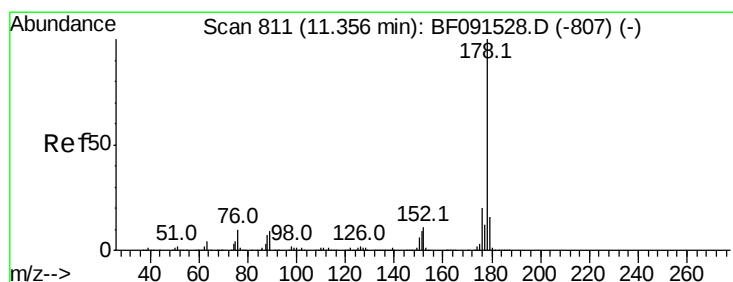
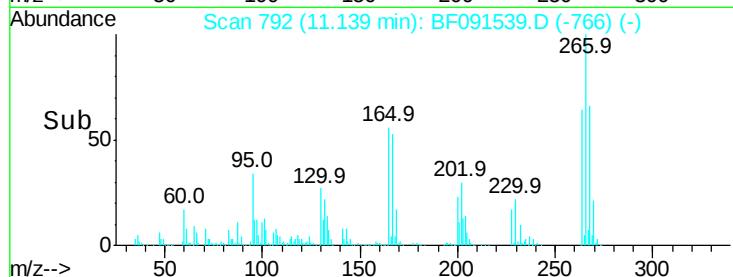
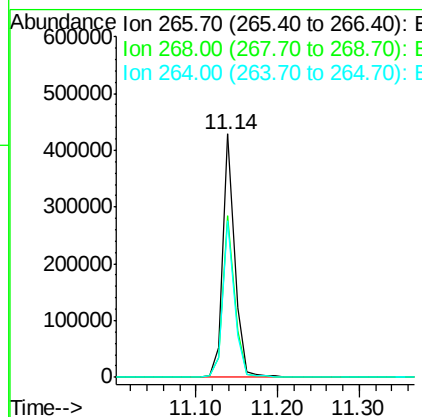
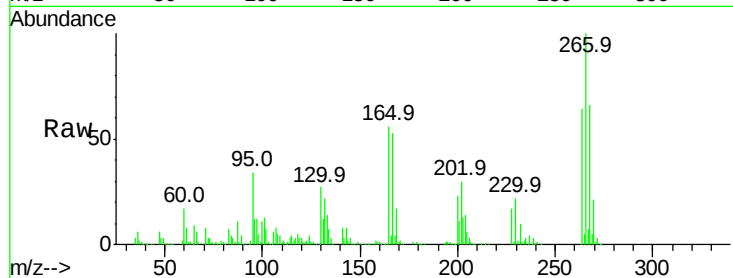
ClientSampleId :

PB95152BS

Tot Ion:	266	Resp:	434997
Ion Ratio		Lower	Upper
266	100		
268	66.5	50.3	75.5
264	64.2	48.2	72.2

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#70

Phenanthrene

Concen: 42.69 ng

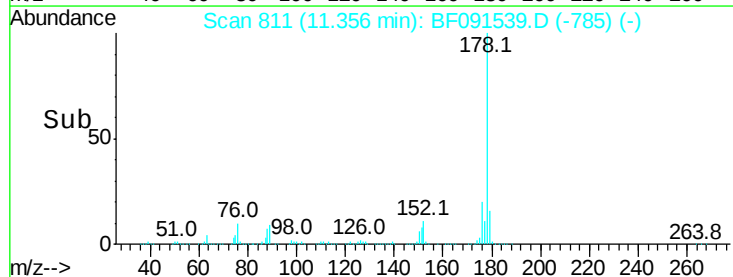
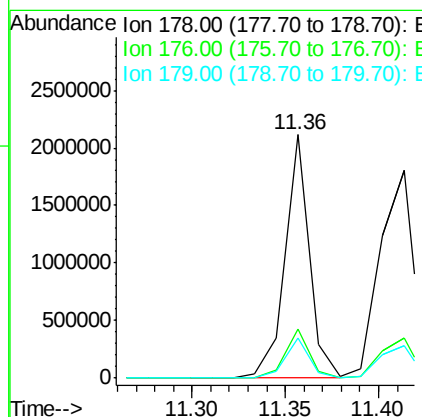
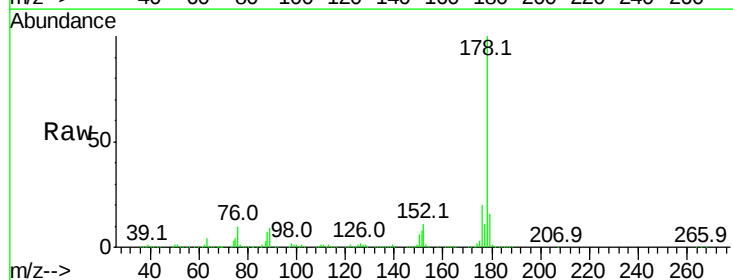
RT: 11.36 min Scan# 811

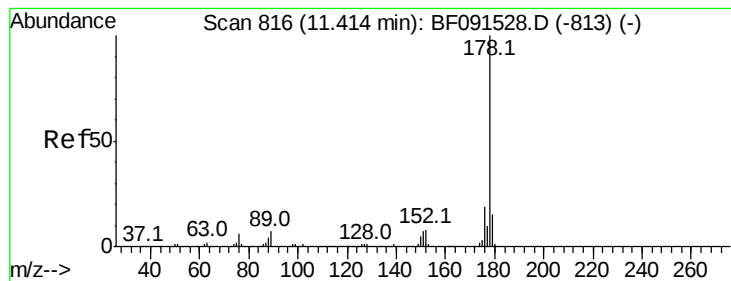
Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:	178	Resp:	1925350
Ion Ratio		Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.4	12.6	18.8





#71
 Anthracene
 Concen: 44.37 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

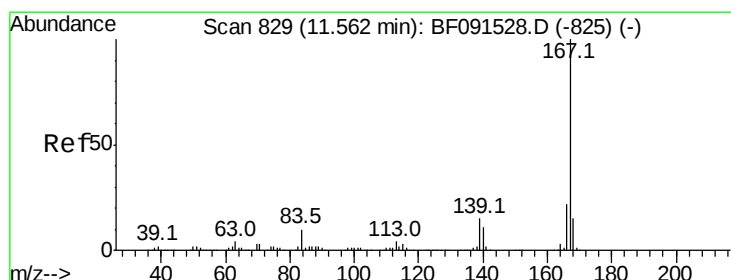
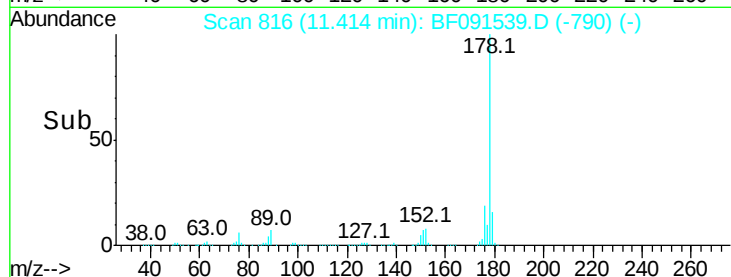
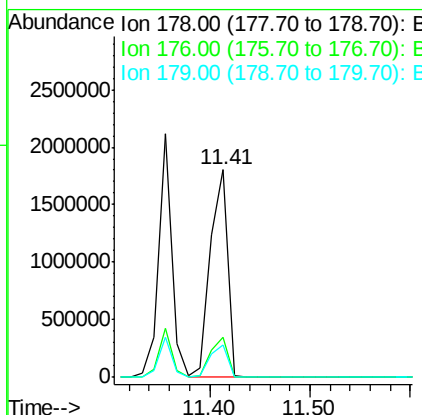
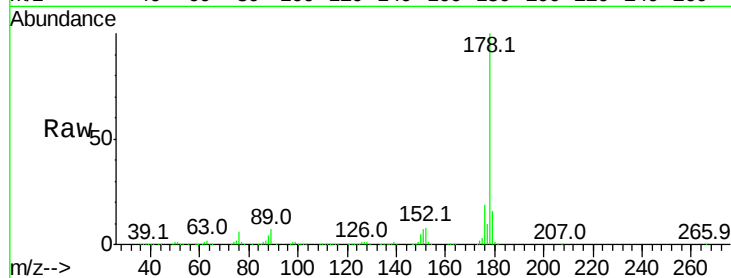
Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion:178 Resp: 2158509

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

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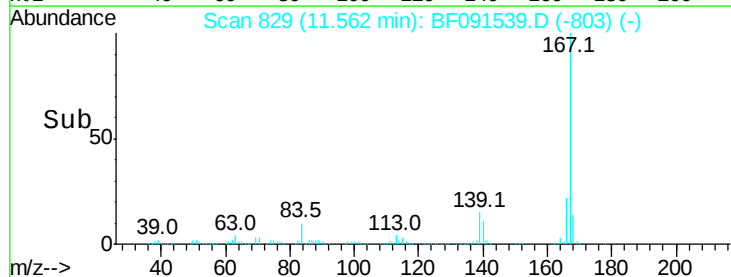
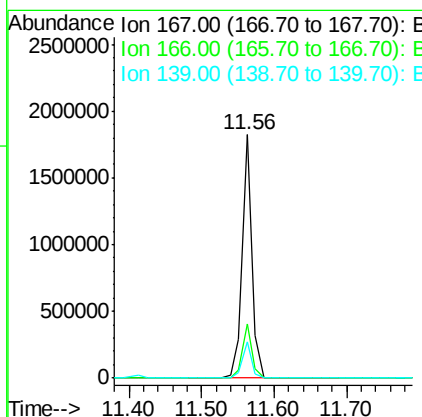
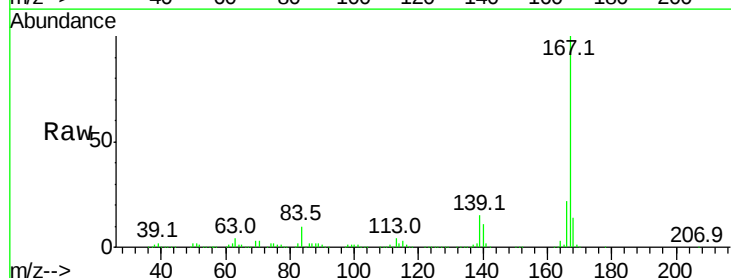
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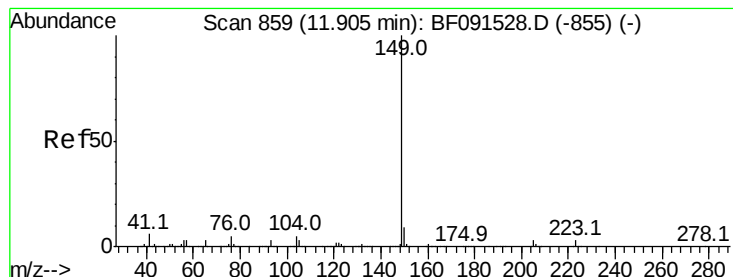


#72
 Carbazole
 Concen: 39.91 ng
 RT: 11.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:167 Resp: 1702036

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.7	11.5	17.3





#73

Di-n-butylphthalate

Concen: 46.65 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampled :

PB95152BS

Tot Ion:149 Resp: 2317625

Ion Ratio Lower Upper

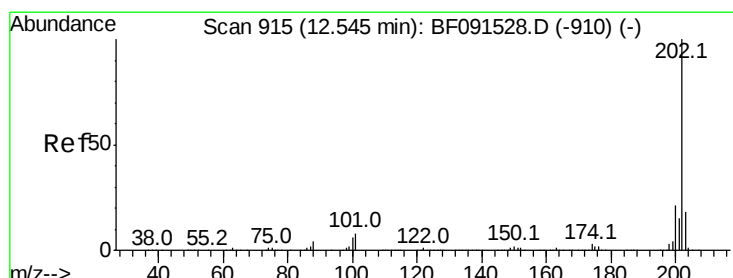
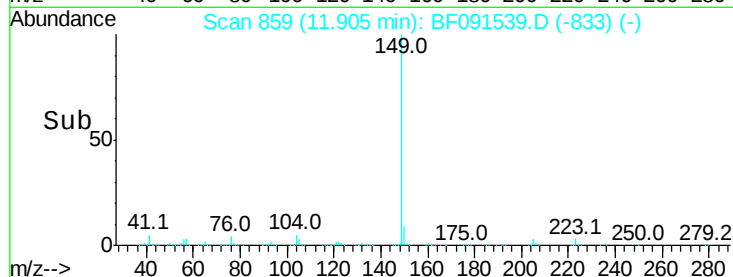
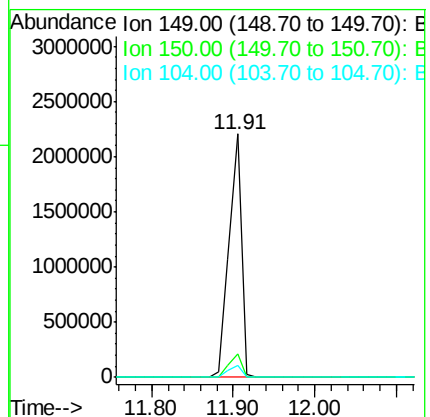
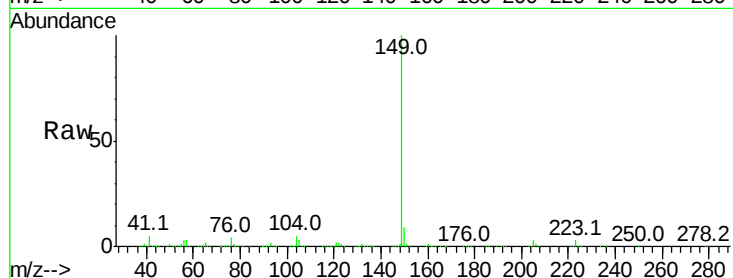
149 100

150 9.4 7.5 11.3

104 4.6 4.0 6.0

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#74

Fluoranthene

Concen: 45.37 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

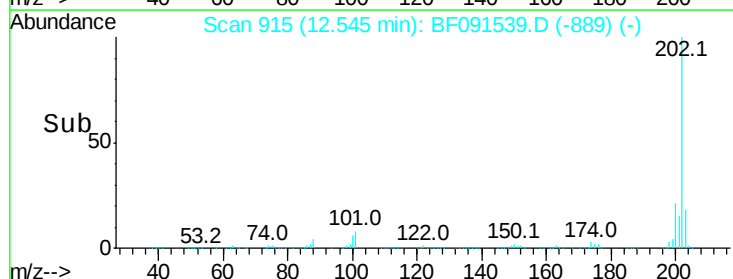
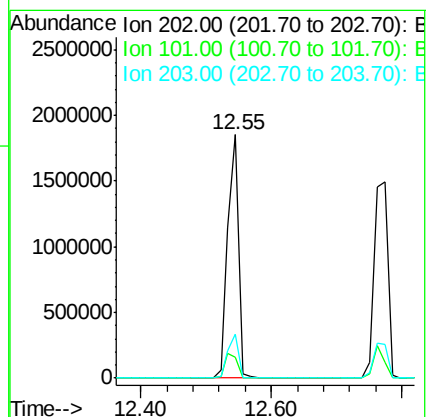
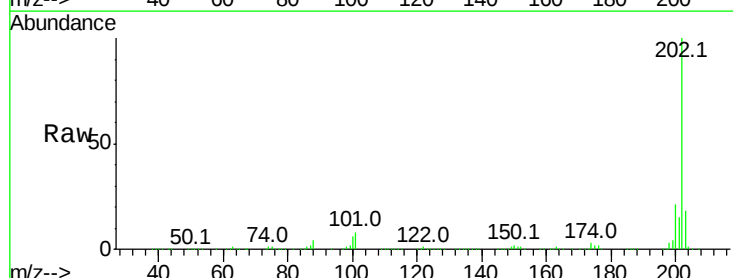
Tgt Ion:202 Resp: 2142593

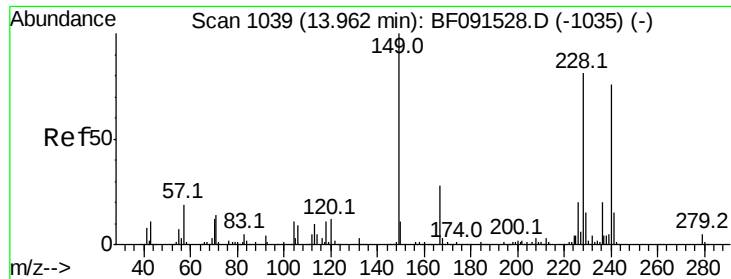
Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.5

203 17.9 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:240 Resp: 618644

Ion Ratio Lower Upper

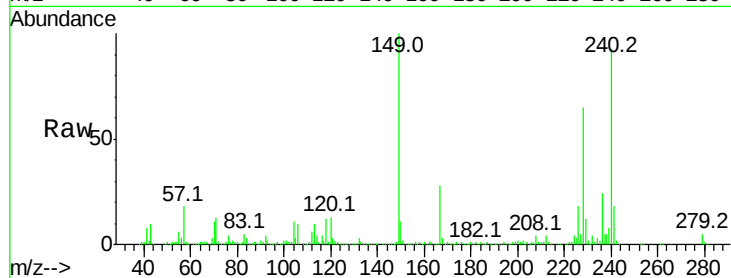
240 100

120 14.4 12.1 18.1

236 25.9 21.0 31.6

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96

800000

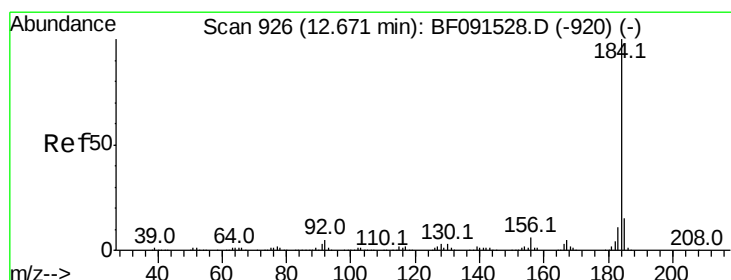
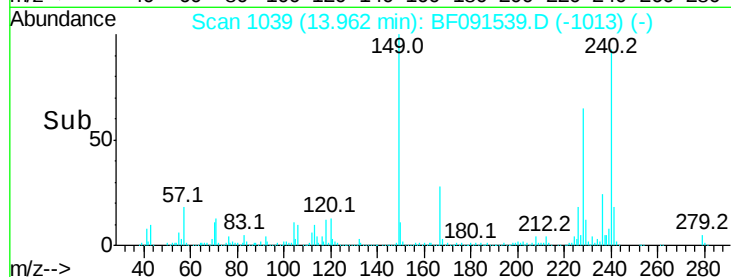
600000

400000

200000

0

Time-->



#76

Benzidine

Concen: 29.95 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

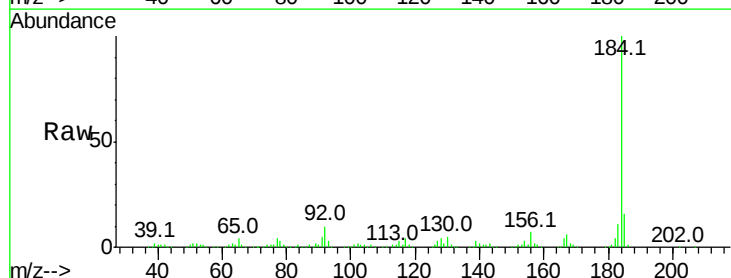
Tgt Ion:184 Resp: 572847

Ion Ratio Lower Upper

184 100

185 16.1 13.1 19.7

183 11.4 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.66

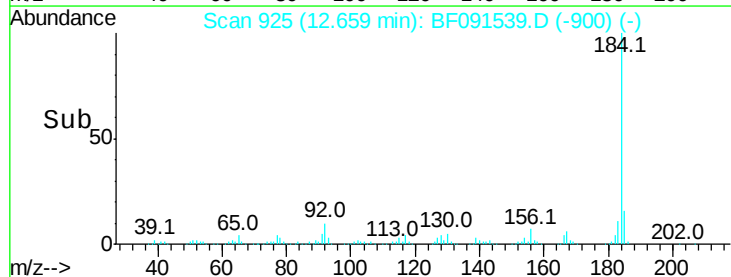
600000

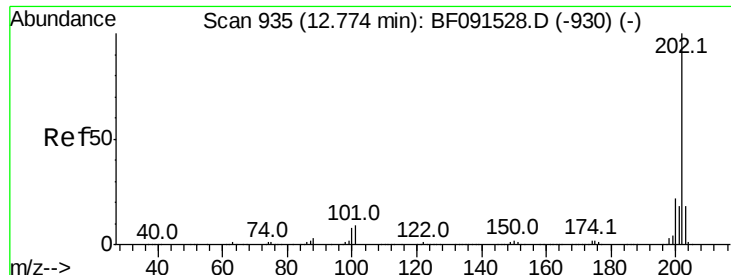
400000

200000

0

Time-->





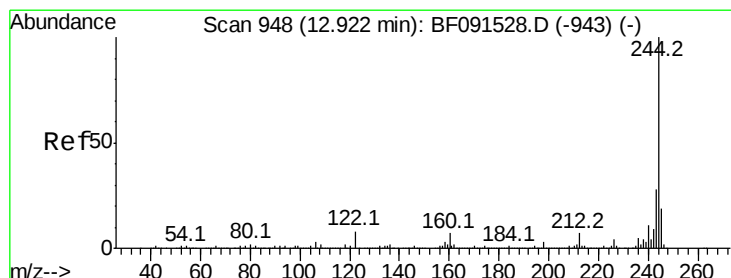
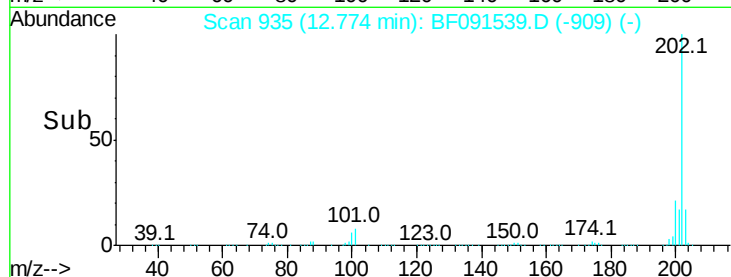
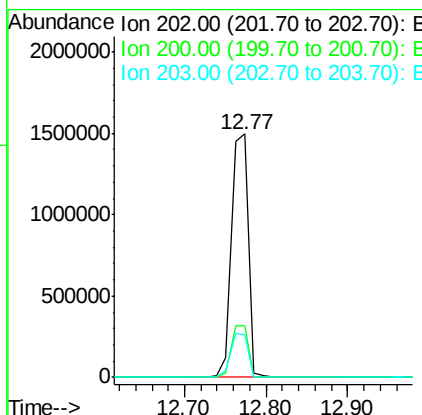
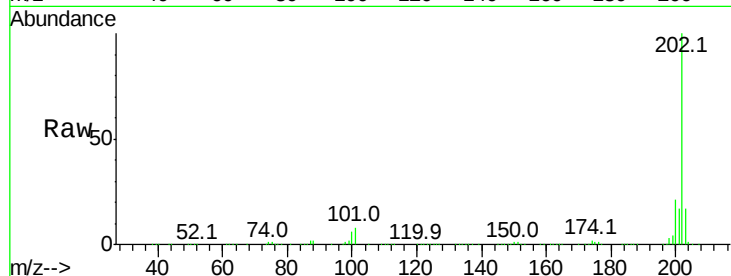
#77
 Pvrene
 Concen: 43.58 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.4	14.0	21.0

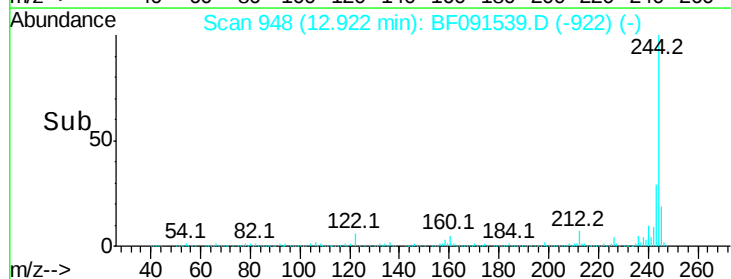
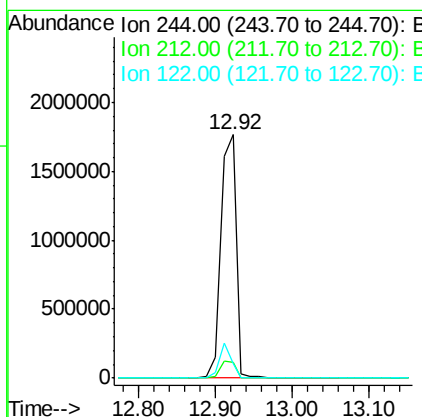
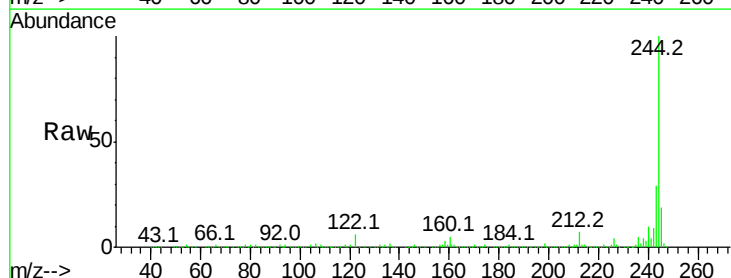
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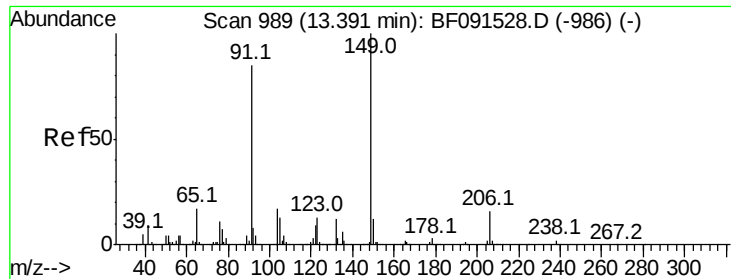
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#78
 Terphenyl-d14
 Concen: 90.97 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	6.0	9.5	14.3#





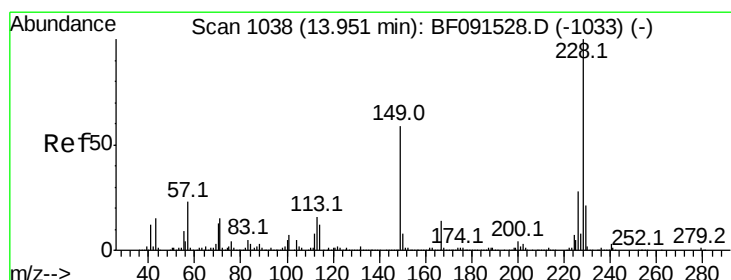
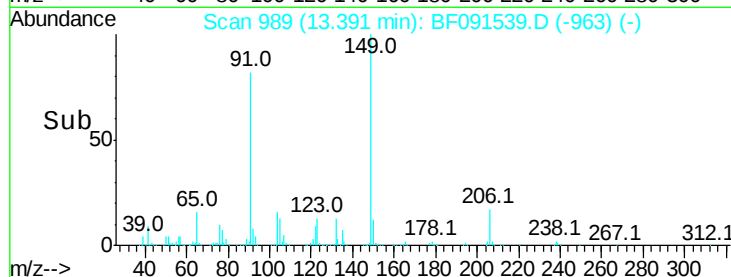
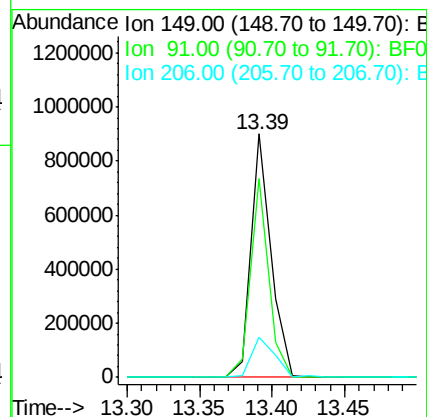
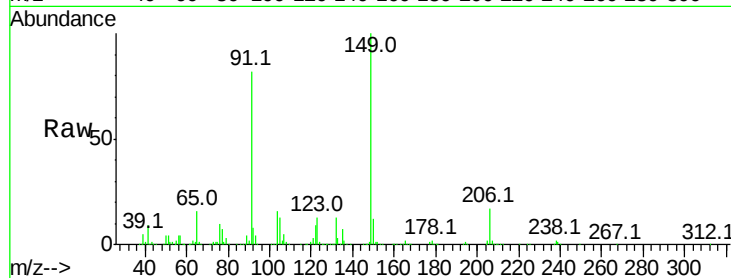
#79
Butylbenzylphthalate
Concen: 45.15 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.6	57.4	86.2
206	16.7	15.4	23.2

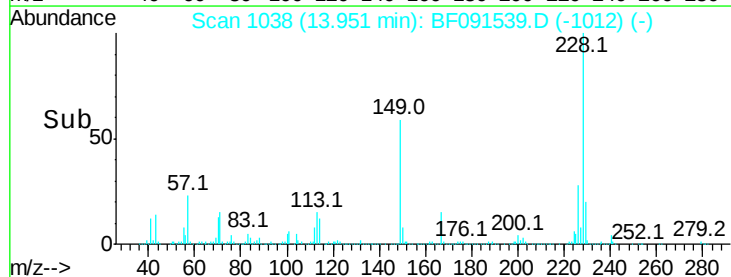
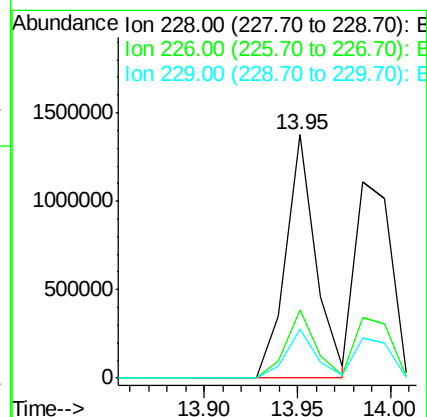
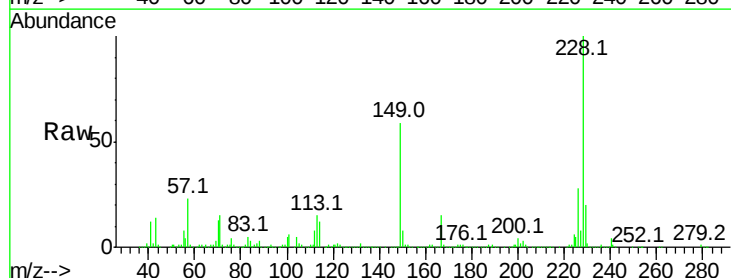
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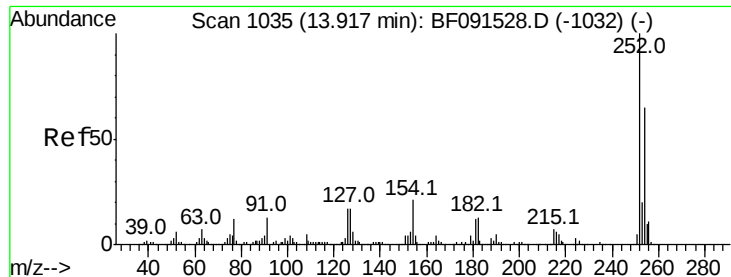
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#80
Benzo(a)anthracene
Concen: 43.20 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.4	16.4	24.6





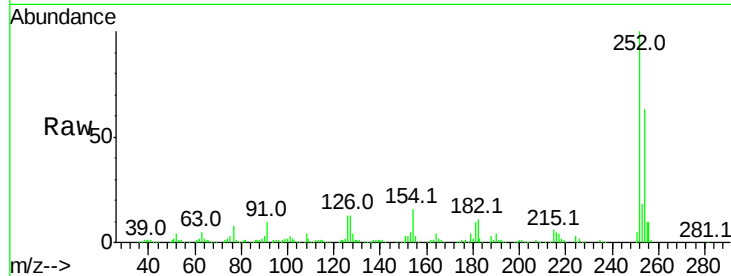
#81
 3,3'-Dichlorobenzidine
 Concen: 18.76 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

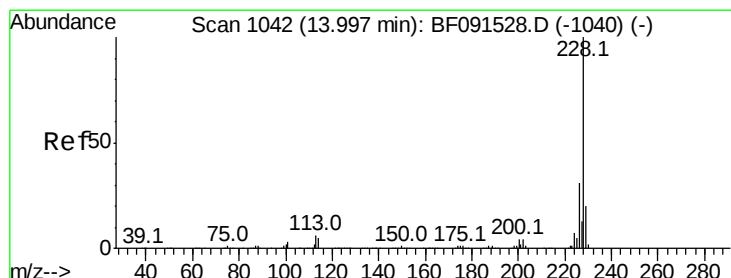
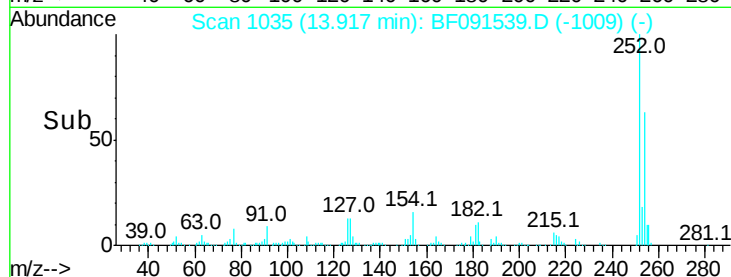
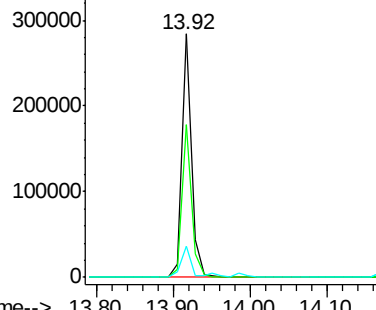
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.1	78.1
126	13.0	7.5	11.3

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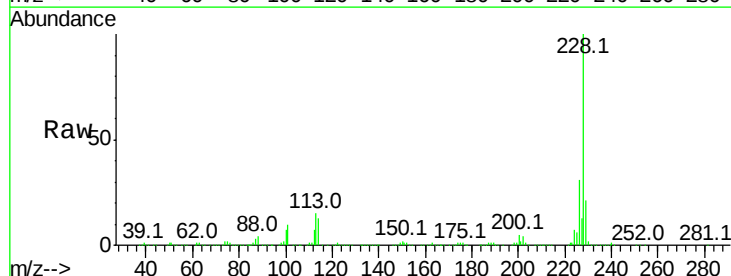


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

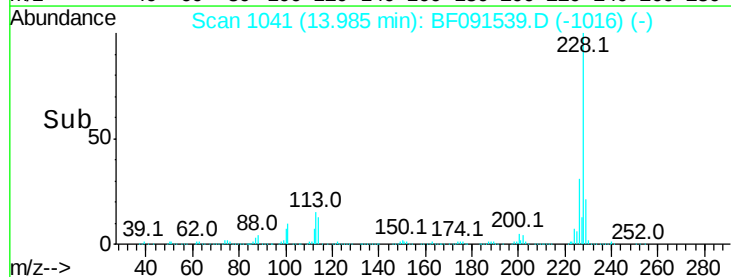
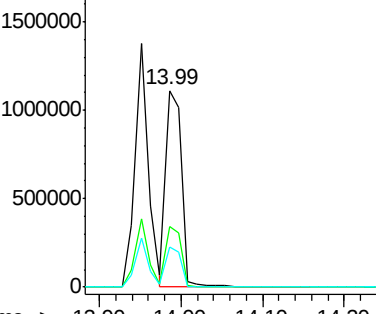


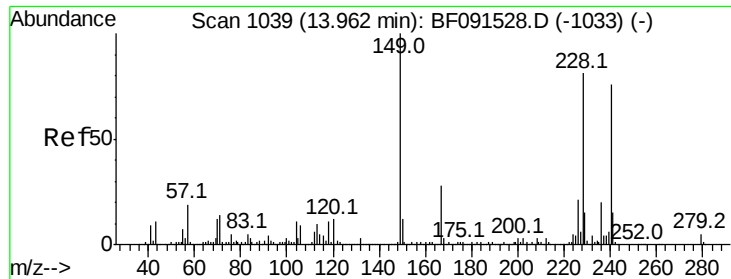
#82
 Chrysene
 Concen: 40.35 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	20.6	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





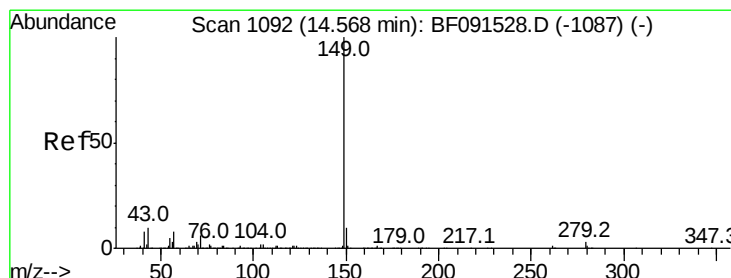
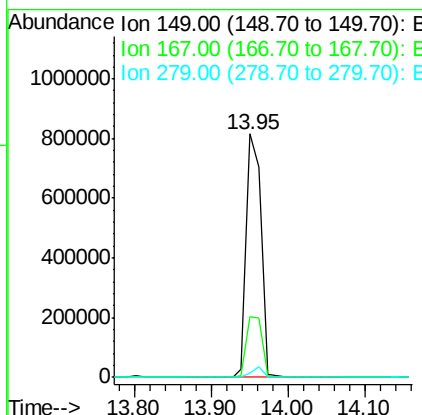
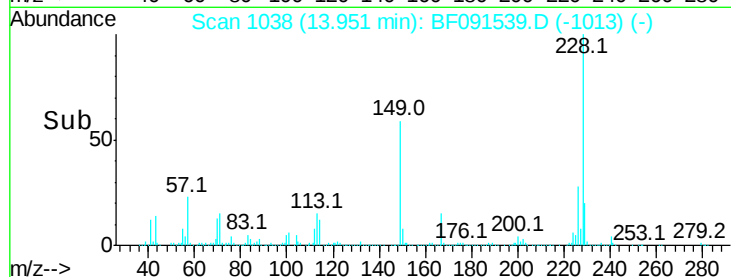
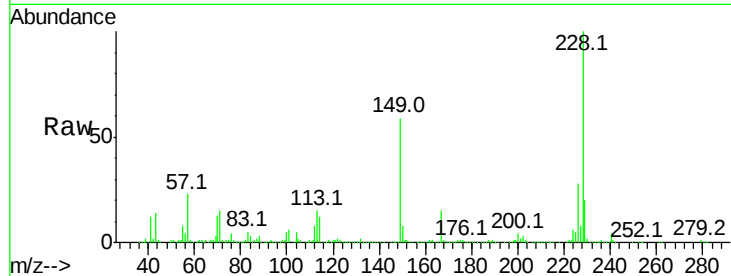
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.96 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion:149 Resp: 1079051
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.6 29.4
 279 1.9 1.9 2.9

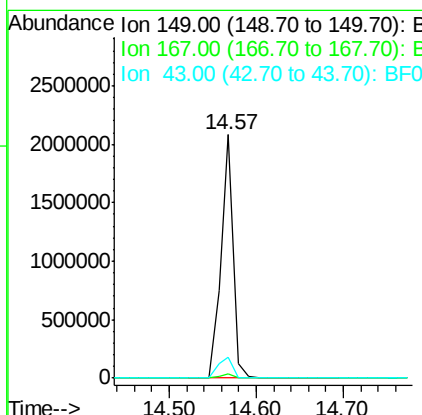
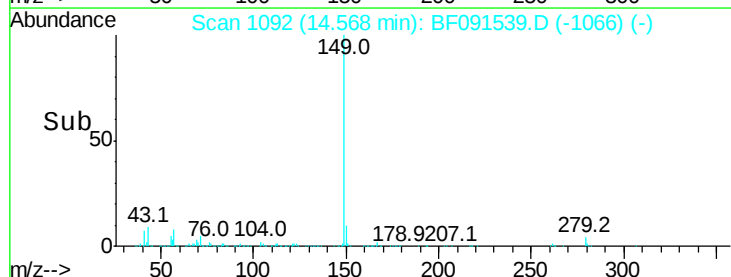
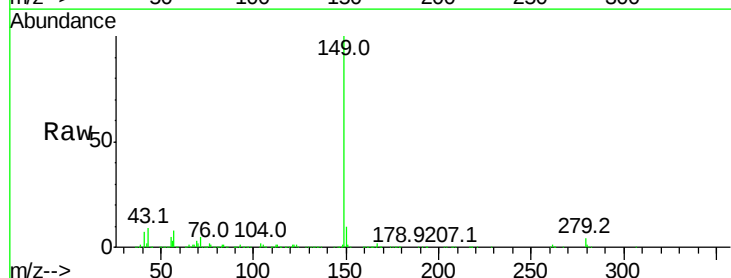
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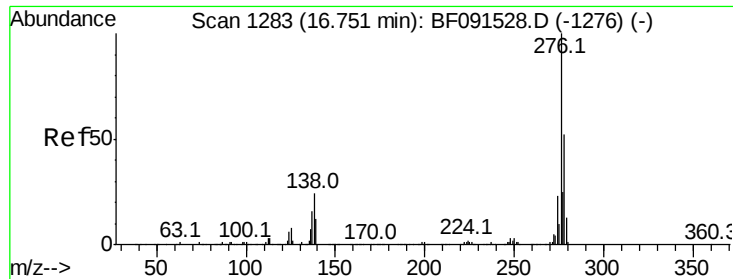
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#84
 Di-n-octyl phthalate
 Concen: 49.15 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Tgt Ion:149 Resp: 2047817
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.5 11.9 17.9#





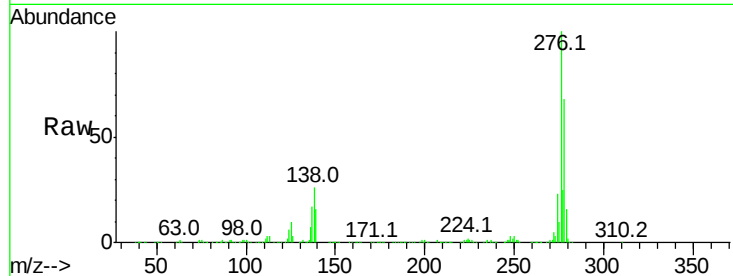
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.99 ng
RT: 16.75 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

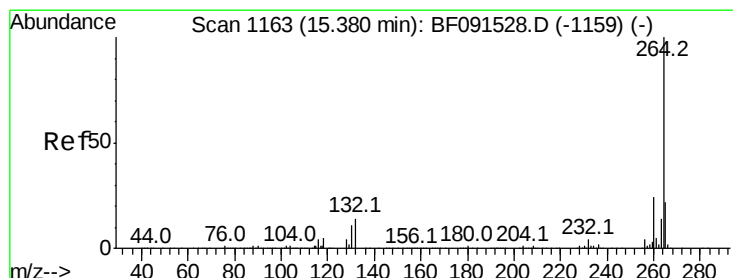
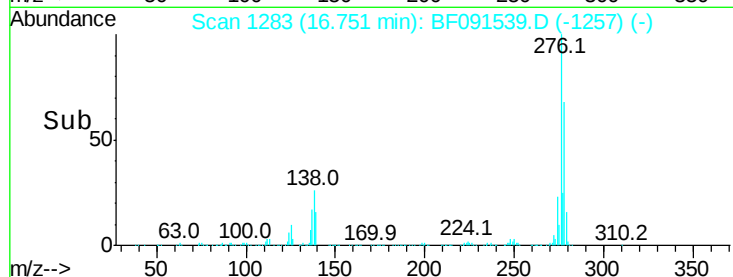
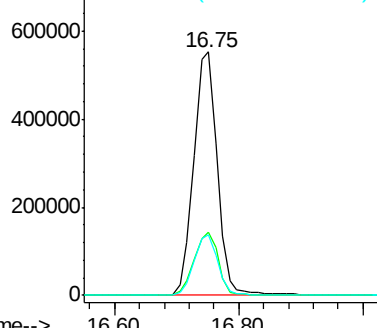
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.0	31.4
277	25.3	20.2	30.2

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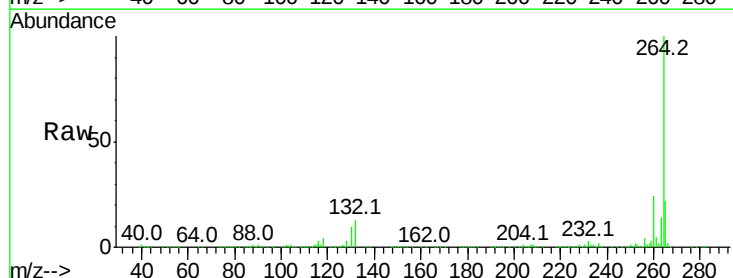


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

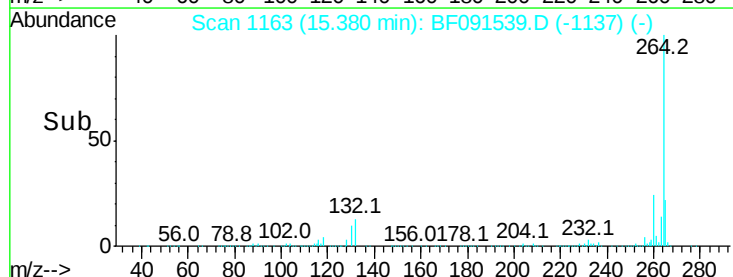
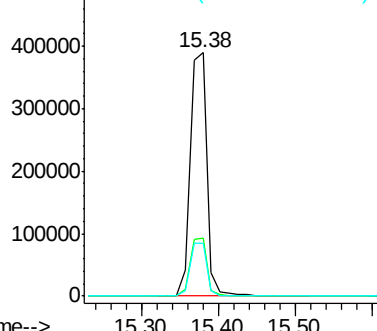


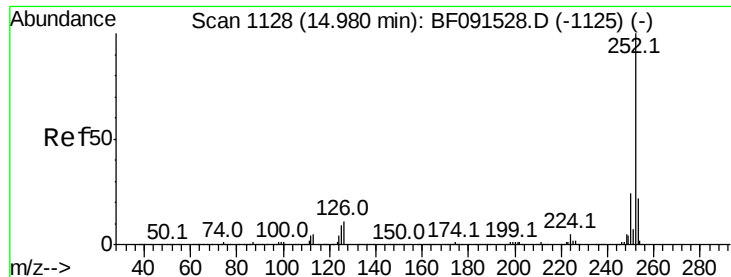
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.7	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: 47.54 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Instrument :

BNA_F

ClientSampleId :

PB95152BS

Tot Ion:252 Resp: 1695218

Ion Ratio Lower Upper

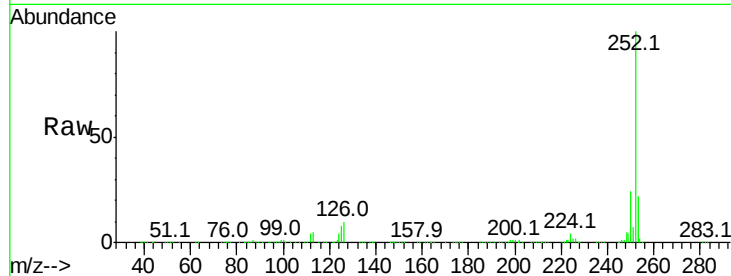
252 100

253 22.2 18.2 27.2

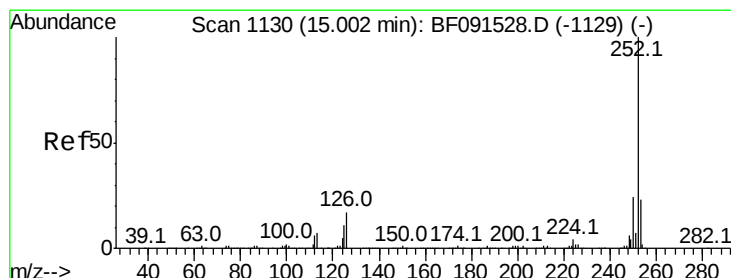
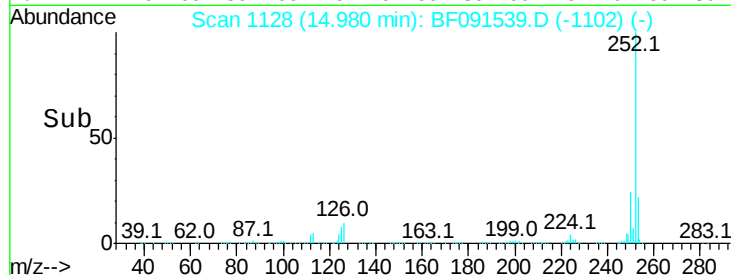
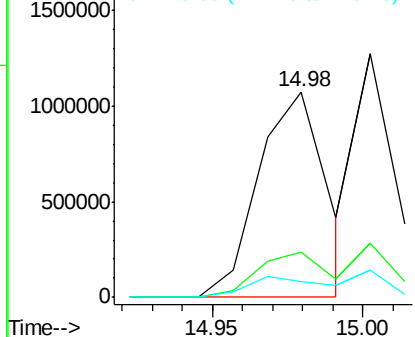
125 7.5 8.6 13.0#

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



#88

Benzo(k)fluoranthene

Concen: 37.77 ng m

RT: 15.00 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF091539.D

Acq: 9 Dec 2016 20:48

Tgt Ion:252 Resp: 1184350

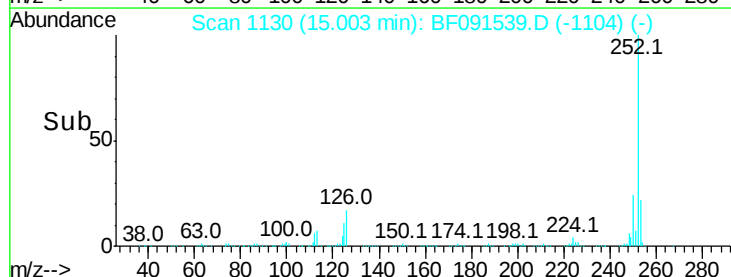
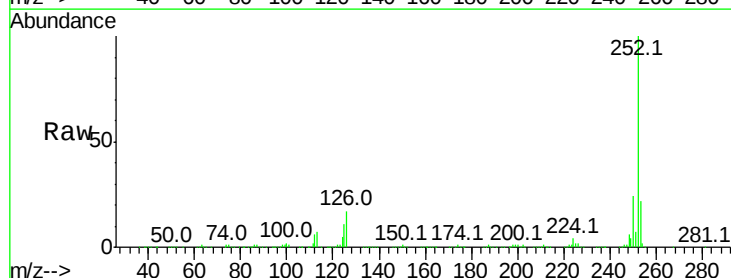
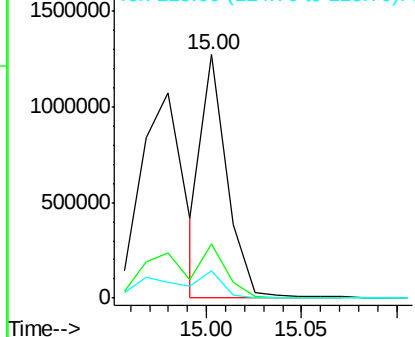
Ion Ratio Lower Upper

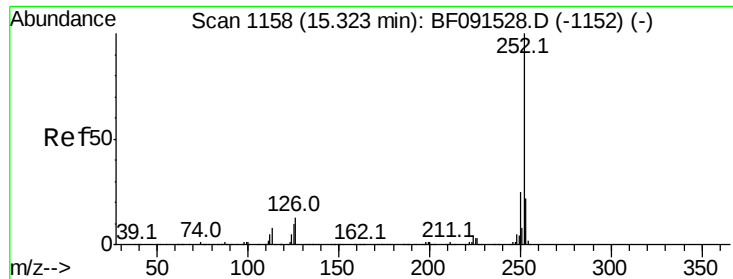
252 100

253 22.4 17.8 26.8

125 11.2 9.6 14.4

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





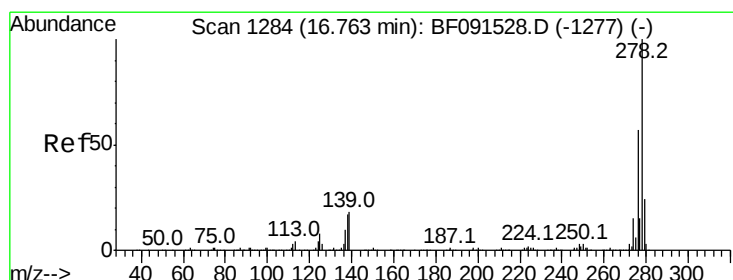
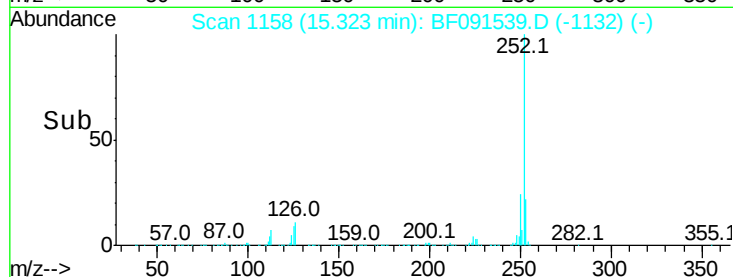
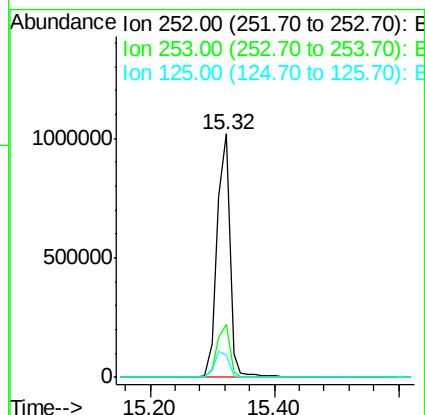
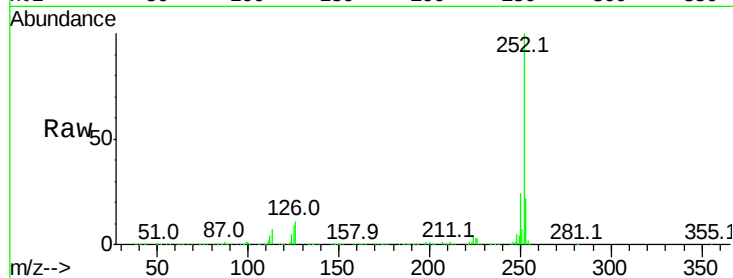
#89
Benzo(a)pyrene
Concen: 44.25 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Instrument :
BNA_F
ClientSampleId :
PB95152BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	9.0	10.4	15.6

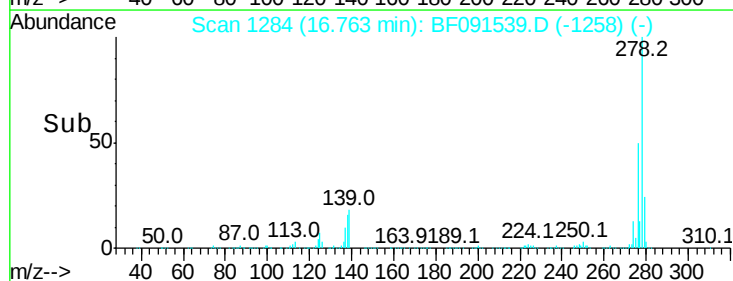
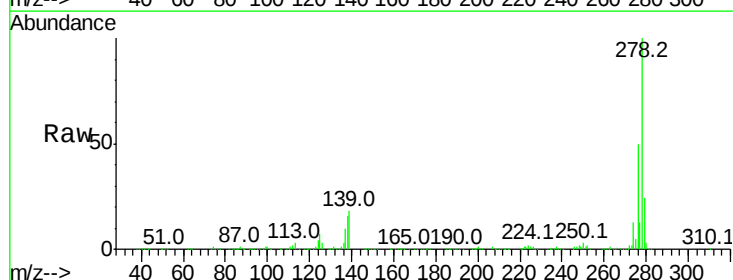
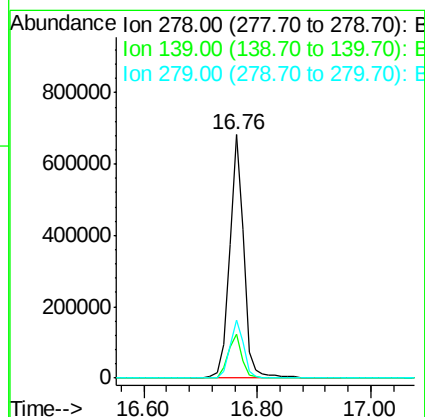
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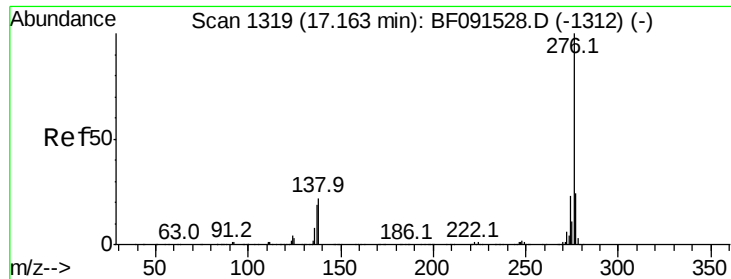
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#90
Dibenzo(a,h)anthracene
Concen: 41.37 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF091539.D
Acq: 9 Dec 2016 20:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.1	22.7
279	23.9	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 42.21 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF091539.D
 Acq: 9 Dec 2016 20:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95152BS

Tot Ion:	276	Resp:	1236360
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.0	28.4
138	20.8	15.4	23.0

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