

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091579.D
 Acq On : 14 Dec 2016 11:54
 Operator : UM/SJ
 Sample : PB95306BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BS

Manual Integrations
 APPROVED

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 12/15/2016 5:39:04 PM

Quant Time: Dec 15 00:26:37 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	6.80	152	289162	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1149933	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	592142	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	855586	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	593256	20.00	ng	0.00
86) Perylene-d12	15.38	264	576583	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2179306	126.97	ng	0.00
7) Phenol-d6	6.45	99	2932005	137.03	ng	0.00
23) Nitrobenzene-d5	7.37	82	1762245	85.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	608334	123.69	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	3044131	88.83	ng	-0.01
78) Terphenyl-d14	12.91	244	2060637	78.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	324708	35.85	ng	# 86
3) Pyridine	3.13	79	954302	39.54	ng	# 80
4) n-Nitrosodimethylamine	3.08	42	457122	44.08	ng	# 62
6) Aniline	6.46	93	672376	23.97	ng	# 40
8) 2-Chlorophenol	6.59	128	866516	44.73	ng	95
9) Benzaldehyde	6.34	77	150032	10.19	ng	90
10) Phenol	6.46	94	1177559	47.07	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	921987	49.06	ng	# 84
12) 1,3-Dichlorobenzene	6.74	146	867467	41.29	ng	# 95
13) 1,4-Dichlorobenzene	6.82	146	879163	42.43	ng	97
14) 1,2-Dichlorobenzene	6.98	146	825774m	44.22	ng	
15) Benzyl Alcohol	6.94	79	724668	42.89	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1330543	45.68	ng	82
17) 2-Methylphenol	7.07	107	743257	46.37	ng	# 76
18) Hexachloroethane	7.32	117	344137	42.55	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	641783	47.97	ng	# 71
20) 3+4-Methylphenols	7.22	107	830125	48.17	ng	# 62
22) Acetophenone	7.22	105	1211434	43.97	ng	# 95
24) Nitrobenzene	7.39	77	1028496	47.25	ng	# 83
25) Isophorone	7.63	82	1722763	47.04	ng	100
26) 2-Nitrophenol	7.71	139	460242	47.91	ng	# 67
27) 2,4-Dimethylphenol	7.76	122	824329	48.85	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	1137246	52.94	ng	99
29) 2,4-Dichlorophenol	7.95	162	688975	46.93	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	720117	43.16	ng	99
31) Naphthalene	8.11	128	2298461	42.96	ng	99
32) Benzoic acid	7.88	122	534097	44.50	ng	93
33) 4-Chloroaniline	8.16	127	264359	11.47	ng	98
34) Hexachlorobutadiene	8.24	225	424417	44.37	ng	99
35) Caprolactam	8.53	113	208975	48.74	ng	# 61
36) 4-Chloro-3-methylphenol	8.66	107	784307	47.63	ng	88
37) 2-Methylnaphthalene	8.81	142	1626332	46.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	601919	37.06	ng	99
40) Hexachlorocyclopentadiene	8.96	237	712526	98.40	ng	99

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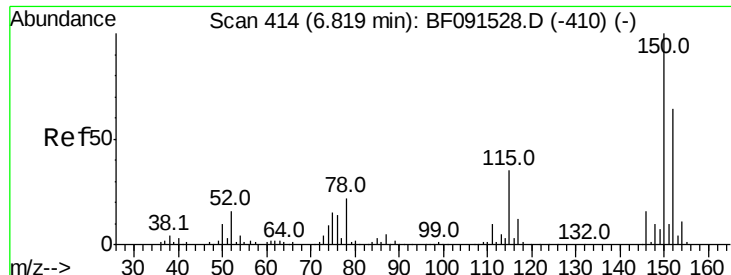
Manual Integrations
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Quant Time: Dec 15 00:26:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	445498	42.69	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	443091	41.32	nq #	87
45) 1,1'-Biphenyl	9.26	154	1818961	42.41	nq	99
46) 2-Chloronaphthalene	9.29	162	1366720	41.15	nq	98
47) 2-Nitroaniline	9.39	65	496586	44.46	nq	97
48) Acenaphthylene	9.71	152	2266968	44.78	nq	99
49) Dimethylphthalate	9.57	163	1500813	40.03	nq	98
50) 2,6-Dinitrotoluene	9.63	165	334962	40.70	nq	94
51) Acenaphthene	9.88	154	1629420	46.34	nq	97
52) 3-Nitroaniline	9.80	138	173944	17.99	nq #	75
53) 2,4-Dinitrophenol	9.90	184	342539	73.43	nq	91
54) Dibenzofuran	10.05	168	2025316	46.55	nq	97
55) 4-Nitrophenol	9.97	139	620030	86.21	nq #	84
56) 2,4-Dinitrotoluene	10.03	165	420751	40.79	nq #	53
57) Fluorene	10.40	166	1474039	47.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	363871	43.34	nq	93
59) Diethylphthalate	10.27	149	1473856	40.82	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	618282	39.53	nq #	79
61) 4-Nitroaniline	10.41	138	322937	33.62	nq	88
62) Azobenzene	10.54	77	1857468	45.40	nq	90
64) 4,6-Dinitro-2-methylphenol	10.44	198	256324	49.25	nq #	53
65) n-Nitrosodiphenylamine	10.51	169	1317916	51.67	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	438770	50.02	nq #	90
67) Hexachlorobenzene	10.94	284	431209	47.28	nq #	91
68) Atrazine	11.04	200	399455	48.70	nq	99
69) Pentachlorophenol	11.14	266	503540	98.09	nq	96
70) Phenanthrene	11.34	178	2042725	48.21	nq	100
71) Anthracene	11.40	178	2079977	45.51	nq	99
72) Carbazole	11.56	167	1916208	47.84	nq	97
73) Di-n-butylphthalate	11.89	149	2075169	44.46	nq	98
74) Fluoranthene	12.53	202	1859524	41.92	nq	96
76) Benzidine	12.66	184	535961	29.22	nq	98
77) Pyrene	12.76	202	1893627	40.23	nq	99
79) Butylbenzylphthalate	13.39	149	854424	46.57	nq	96
80) Benzo(a)anthracene	13.95	228	1511480	43.87	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	364321	29.45	nq	99
82) Chrysene	13.99	228	1267266	35.16	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1012761	43.02	nq	99
84) Di-n-octyl phthalate	14.57	149	1878766	47.02	nq #	91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1713028	52.81	nq	98
87) Benzo(b)fluoranthene	14.98	252	1651367m	48.04	nq	
88) Benzo(k)fluoranthene	15.00	252	1146774m	37.95	nq	
89) Benzo(a)pyrene	15.32	252	1444367	46.65	nq #	96
90) Dibenzo(a,h)anthracene	16.77	278	1394132	50.26	nq	97
91) Benzo(g,h,i)perylene	17.16	276	1502514	53.22	nq #	94

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



#1

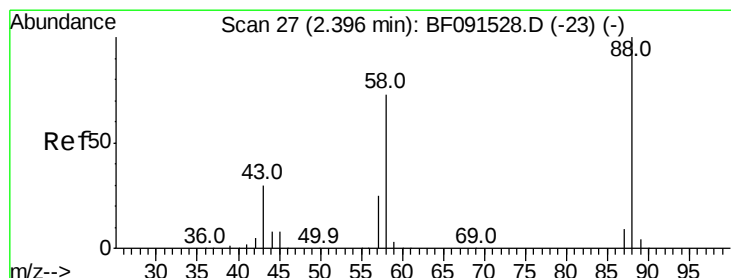
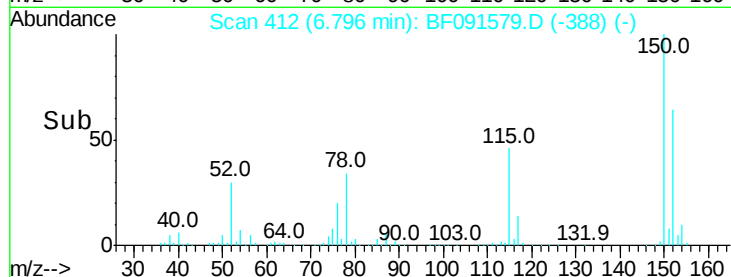
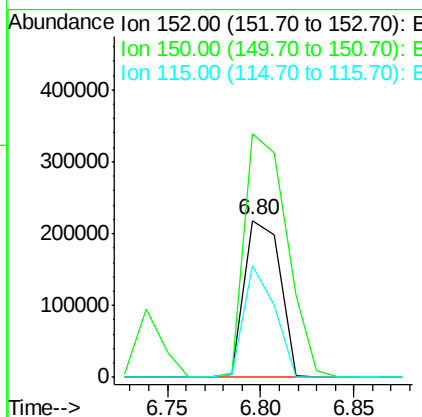
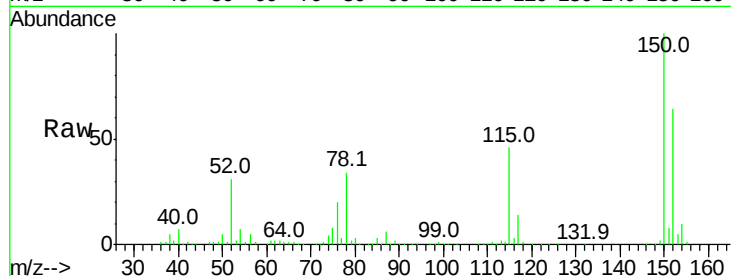
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.5	183.7
115	71.0	51.8	77.8

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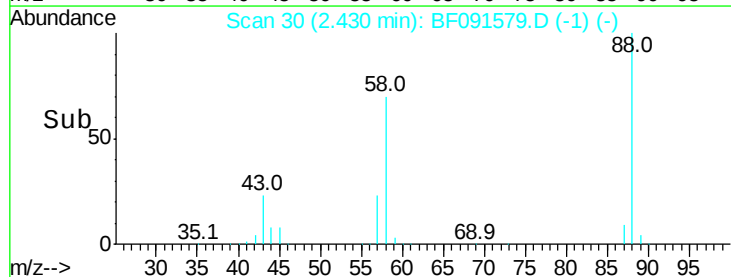
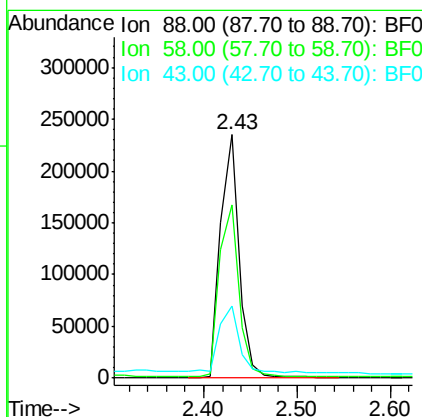
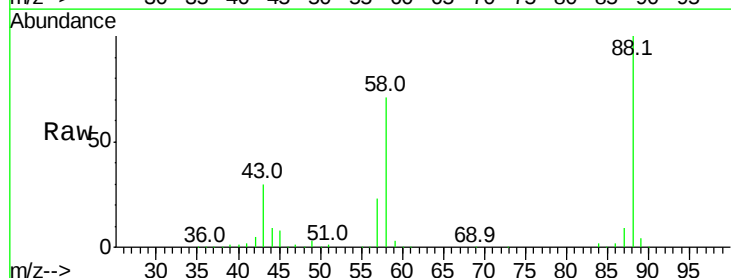
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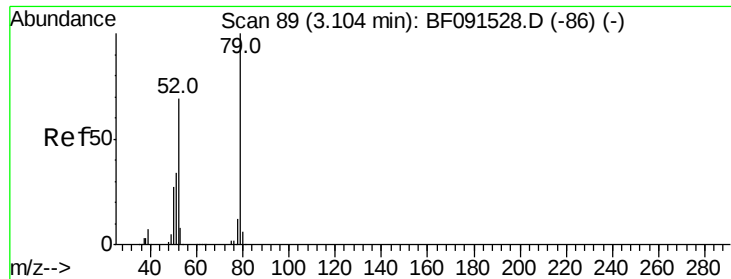


#2

1,4-Dioxane
Concen: 35.85 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.03 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	70.3	105.5
43	30.7	31.3	46.9#





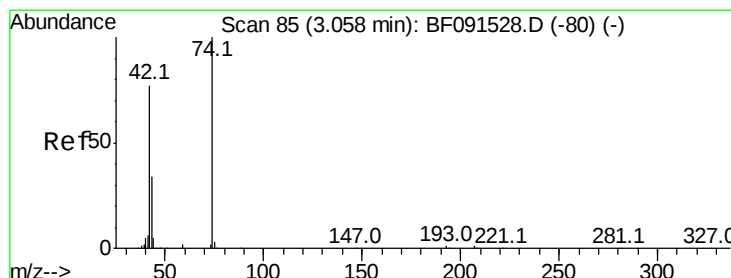
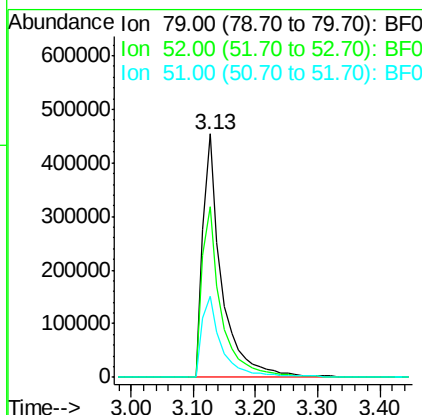
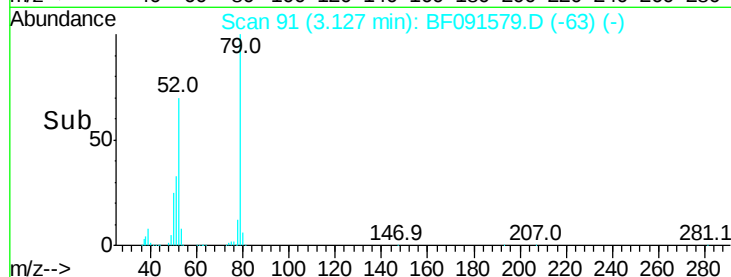
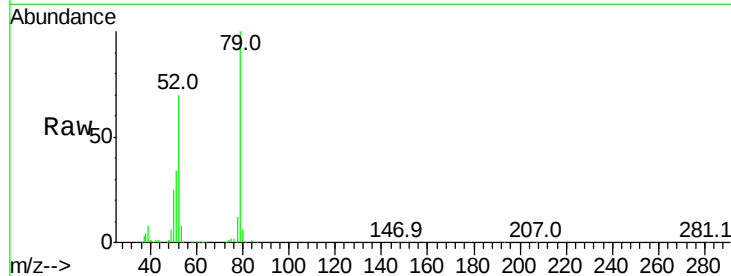
#3
Pvridine
Concen: 39.54 ng
RT: 3.13 min Scan# 91
Delta R.T. 0.02 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.2	71.0	106.4#
51	33.5	37.0	55.4#

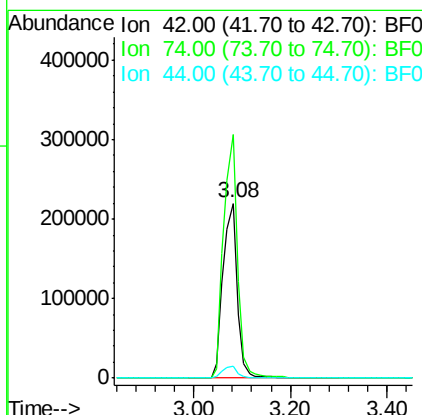
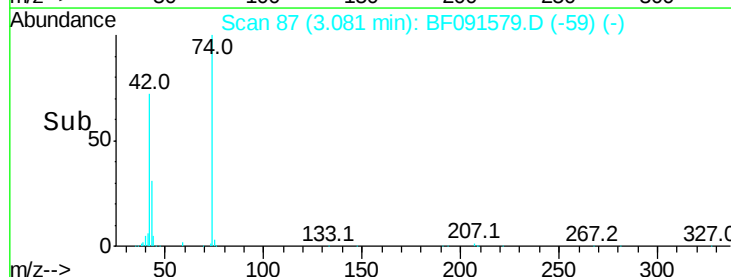
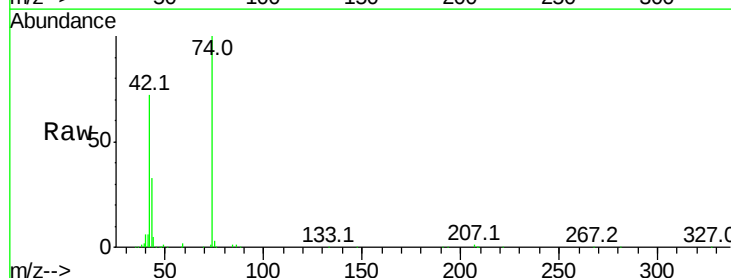
Manual Integrations
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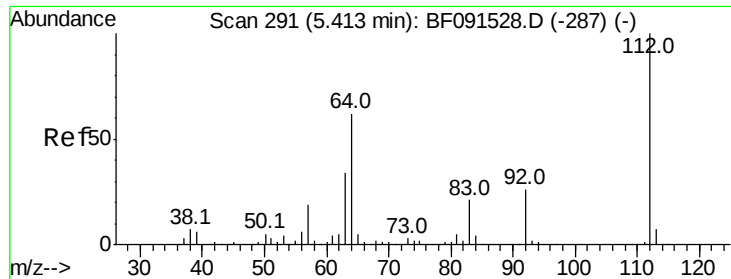
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#4
n-Nitrosodimethylamine
Concen: 44.08 ng
RT: 3.08 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.3	78.9	118.3#
44	7.2	5.8	8.6





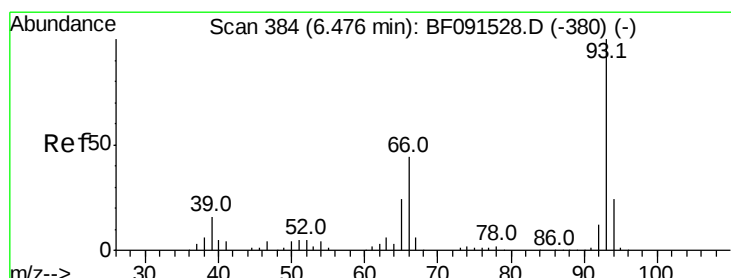
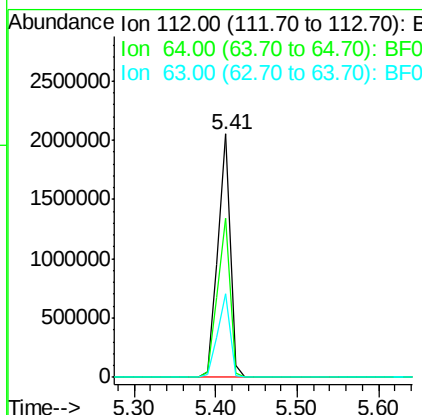
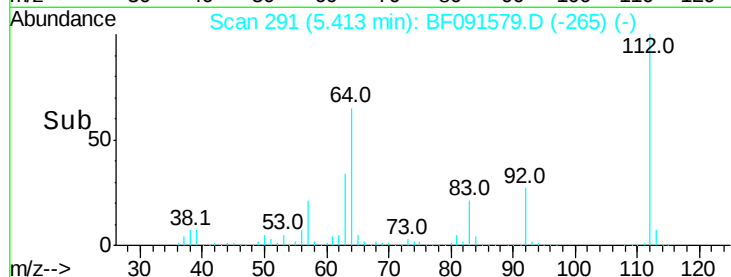
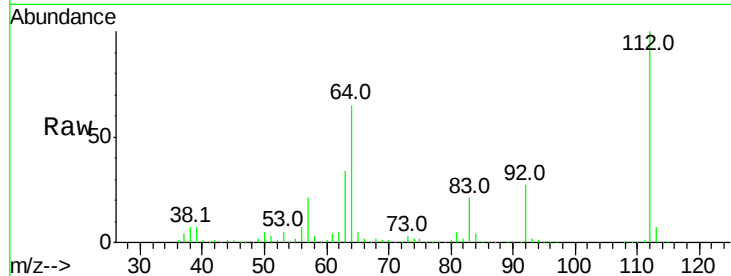
#5
 2-Fluorophenol
 Concen: 126.97 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampleID :
 PB95306BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	2179306		
64	65.4		61.5	92.3
63	34.4		33.3	49.9

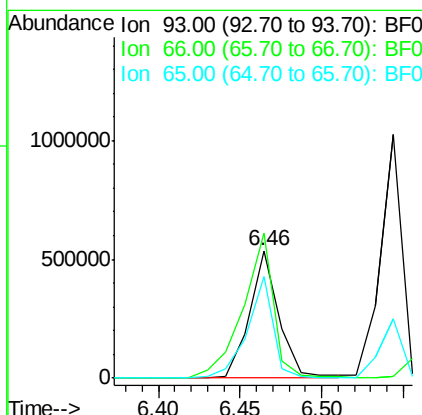
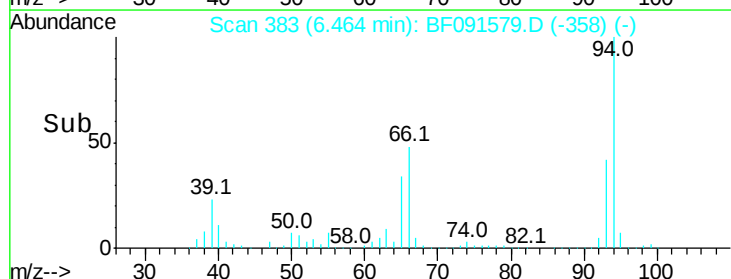
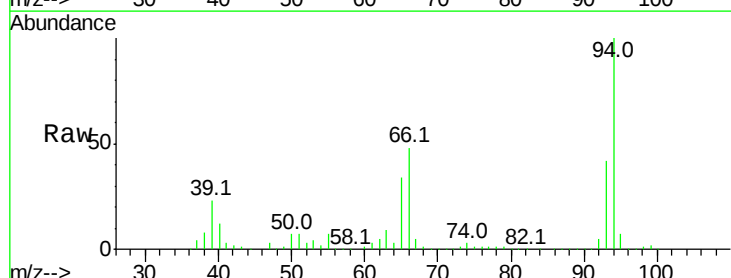
Manual Integrations
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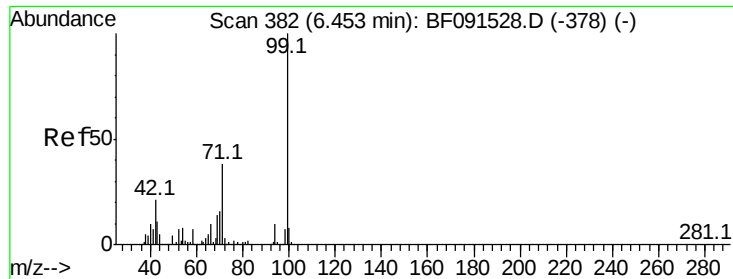
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#6
 Aniline
 Concen: 23.97 ng
 RT: 6.46 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	672376		
66	114.4		55.8	83.6#
65	79.7		29.9	44.9#





#7

Phenol-d6

Concen: 137.03 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion: 99 Resp: 2932005

Ion Ratio Lower Upper

99 100

42 19.0 20.6 31.0#

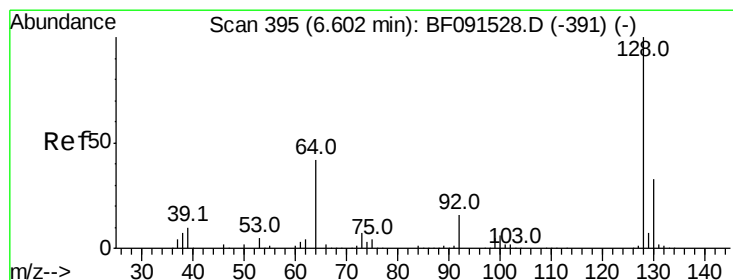
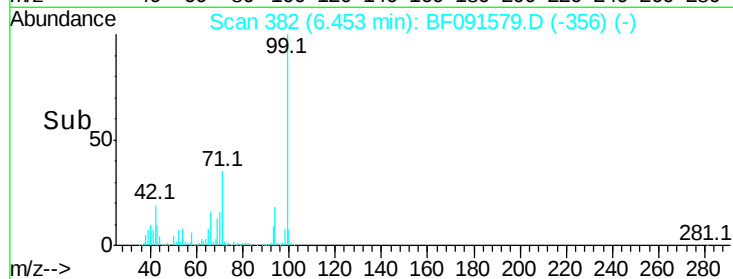
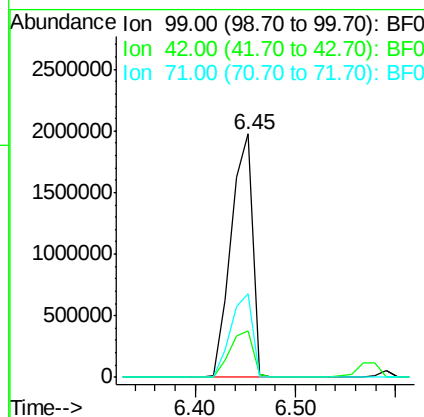
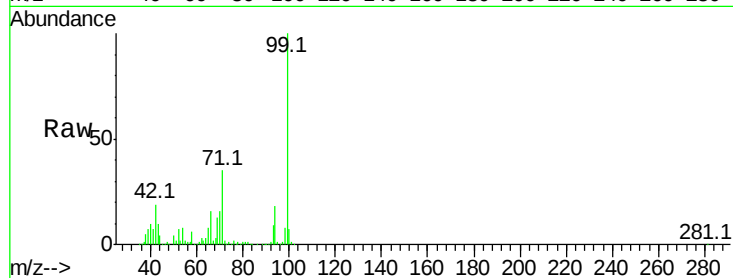
71 34.5 29.9 44.9

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#8

2-Chlorophenol

Concen: 44.73 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

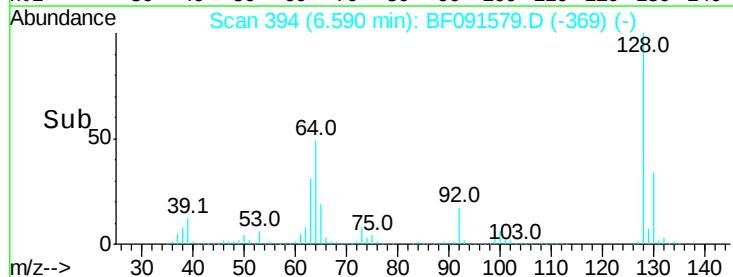
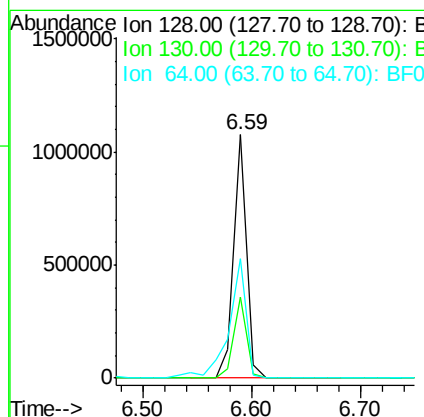
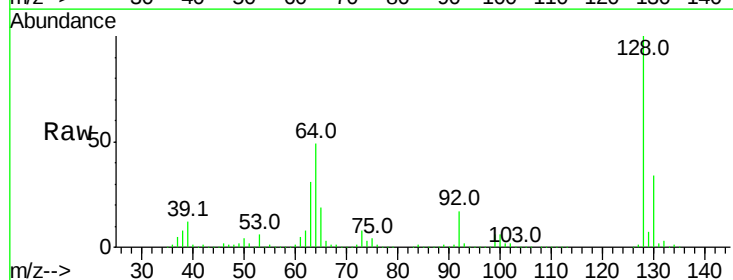
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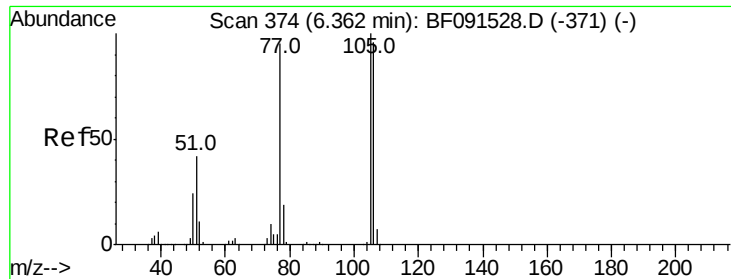
Ion Ratio Lower Upper

128 100

130 33.5 13.1 53.1

64 48.9 24.1 64.1





#9

Benzaldehyde

Concen: 10.19 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

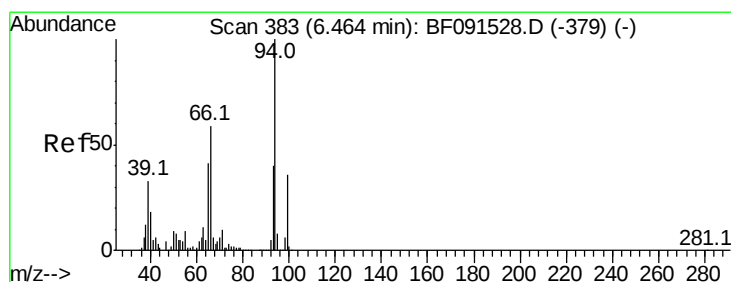
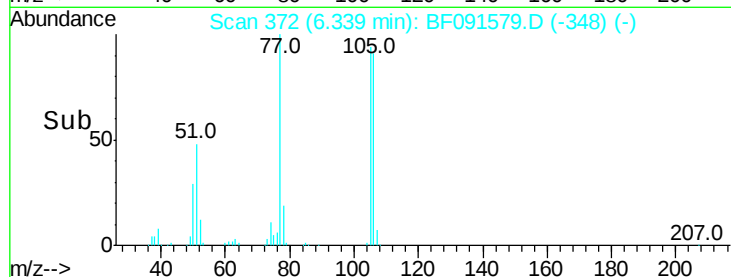
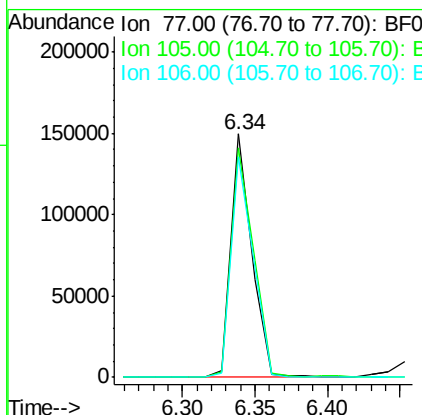
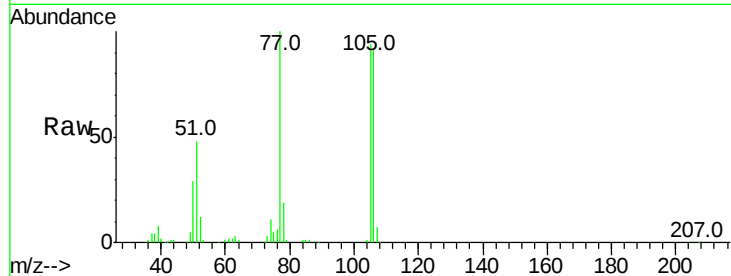
ClientSampleId :

PB95306BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.2	66.4	106.4
106	90.6	60.9	100.9

Manual Integrations
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#10

Phenol

Concen: 47.07 ng

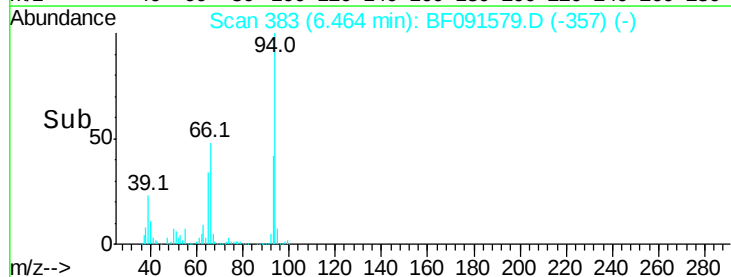
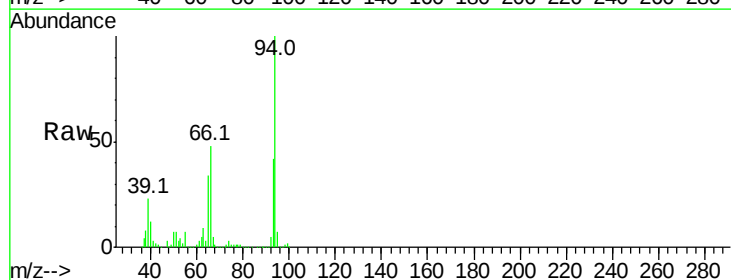
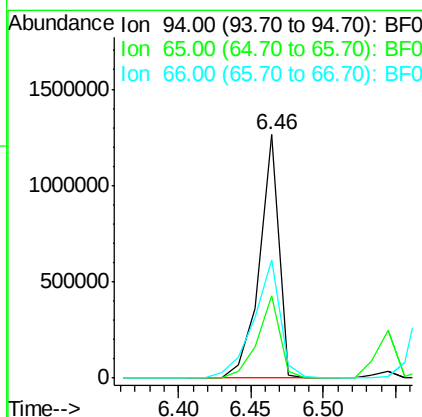
RT: 6.46 min Scan# 383

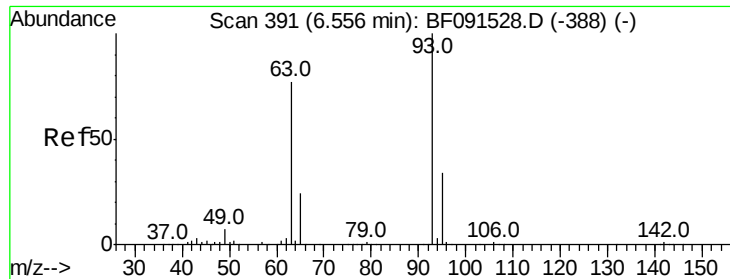
Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	16.9	56.9
66	48.5	30.6	70.6





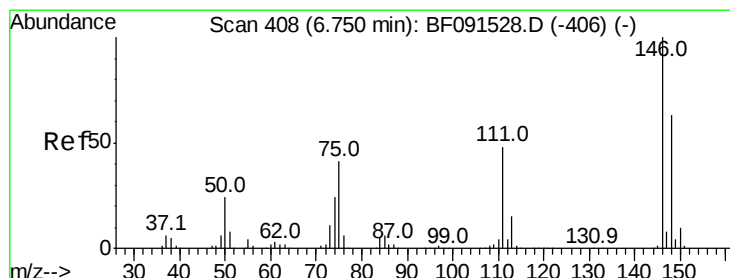
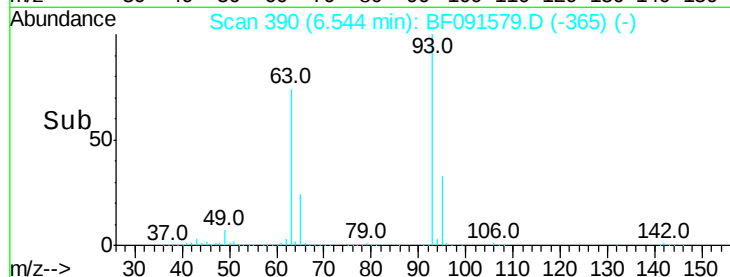
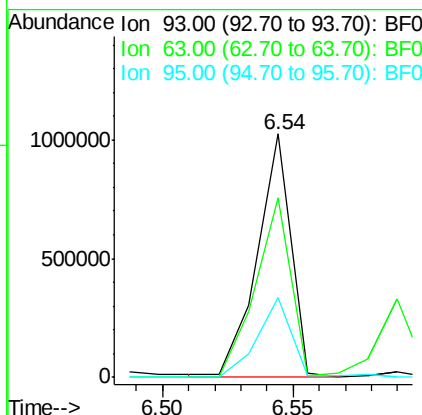
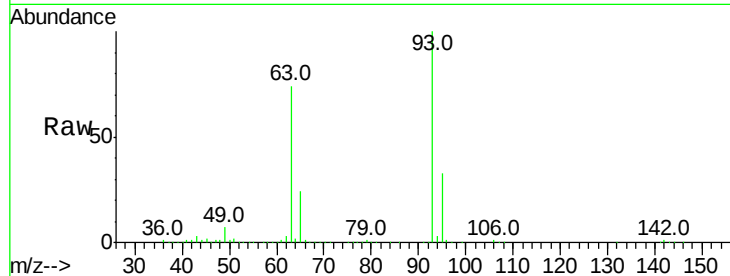
#11
bis(2-Chloroethyl)ether
Concen: 49.06 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampled :
PB95306BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	921987		
63	74.0		74.8	114.8#
95	32.8		12.4	52.4

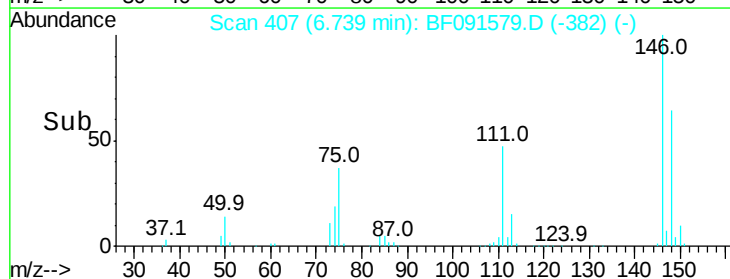
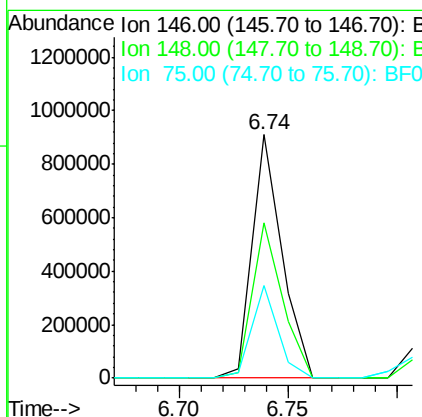
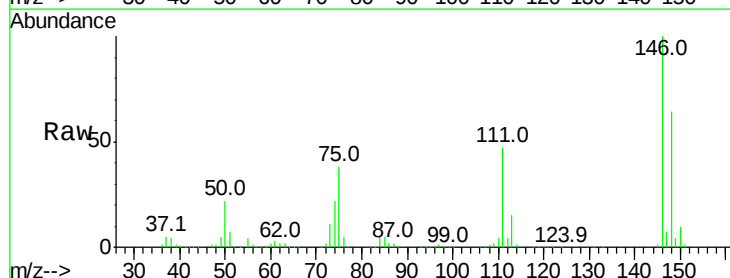
Manual Integrations
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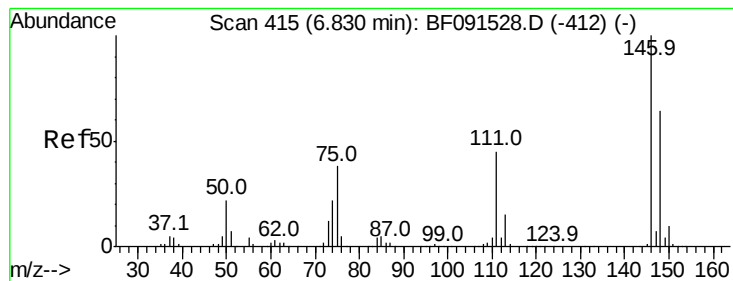
sohil
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#12
1,3-Dichlorobenzene
Concen: 41.29 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	867467		
148	63.9		51.4	77.0
75	37.8		23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 42.43 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

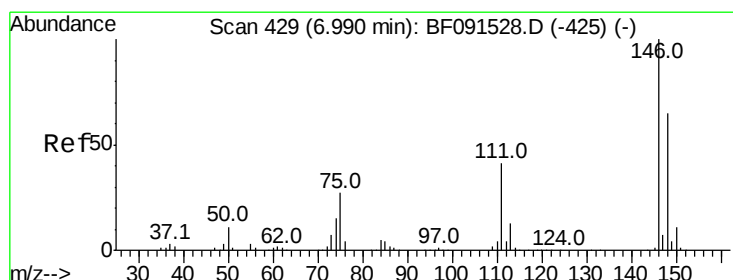
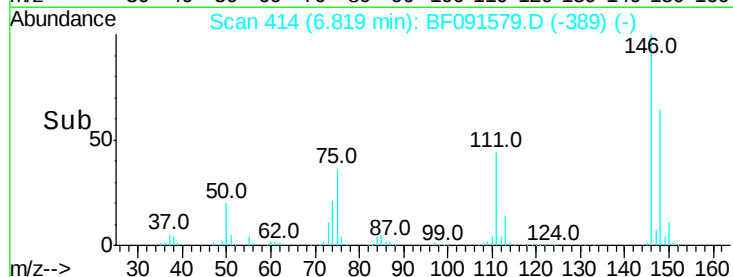
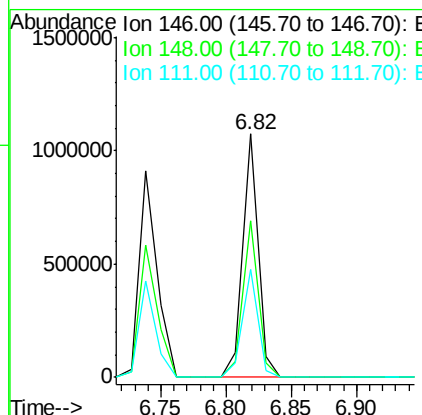
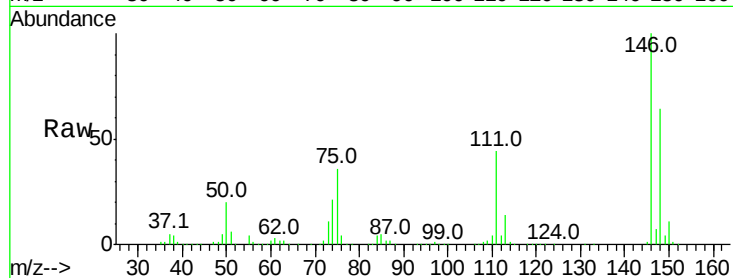
ClientSampled :

PB95306BS

Tot Ion:	146	Resp:	879163
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
111	44.1	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 44.22 ng m

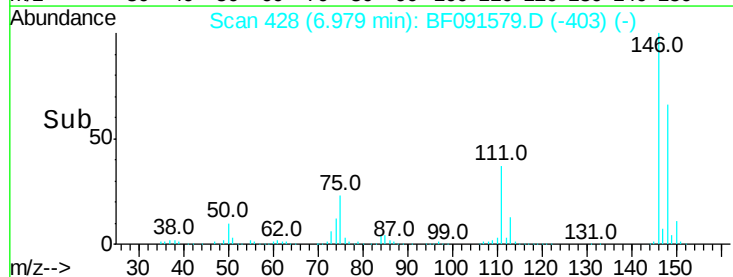
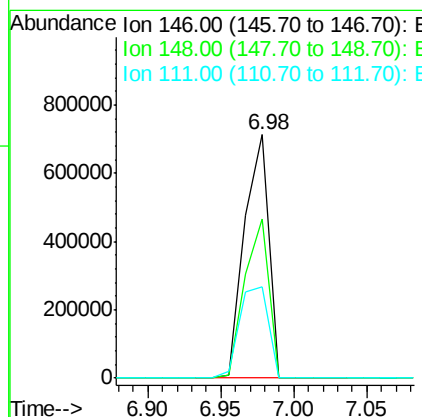
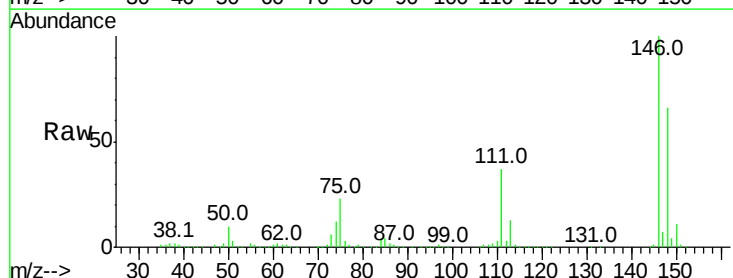
RT: 6.98 min Scan# 428

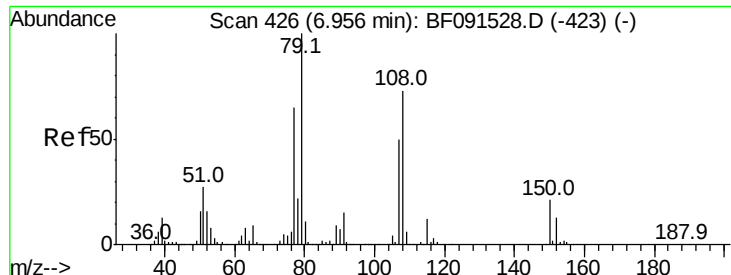
Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion:	146	Resp:	825774
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.0	76.6
111	37.3	38.9	58.3#





#15

Benzyl Alcohol

Concen: 42.89 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampled :

PB95306BS

Tot Ion: 79 Resp: 724668

Ion Ratio Lower Upper

79 100

108 73.7 62.7 94.1

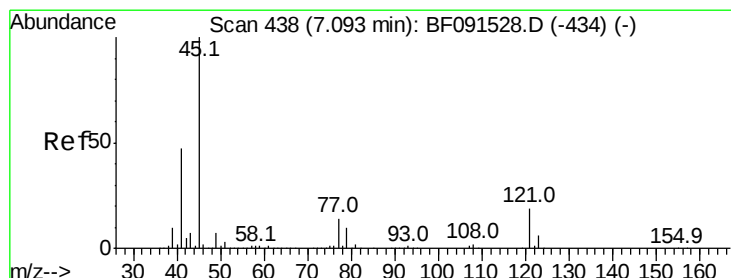
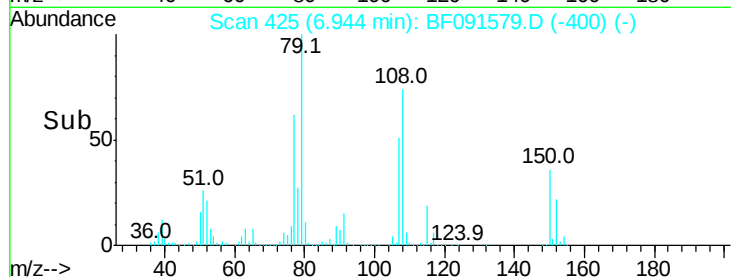
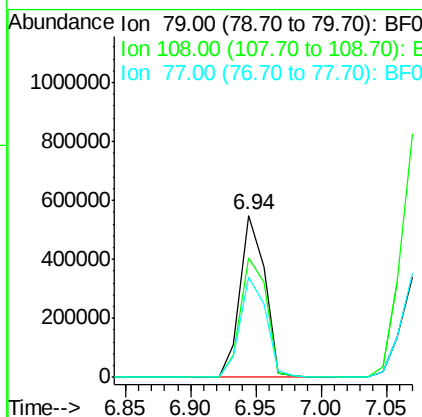
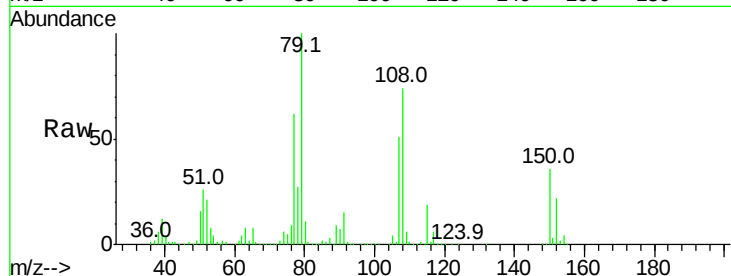
77 62.2 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.68 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

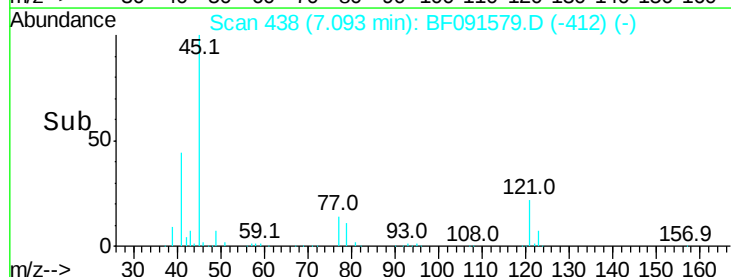
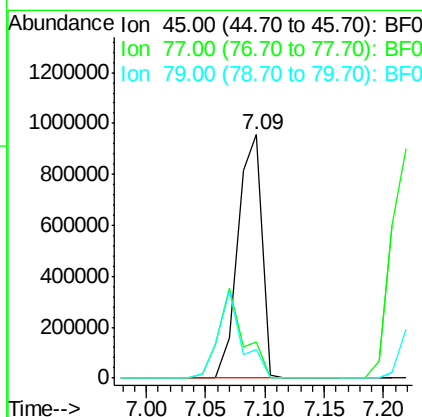
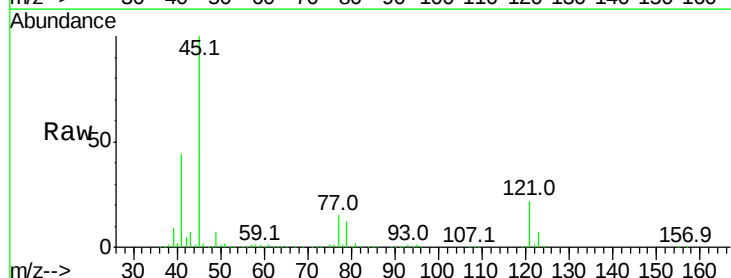
Tgt Ion: 45 Resp: 1330543

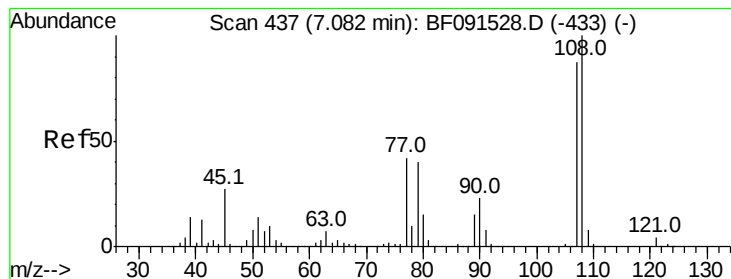
Ion Ratio Lower Upper

45 100

77 15.0 3.8 43.8

79 11.8 0.2 40.2





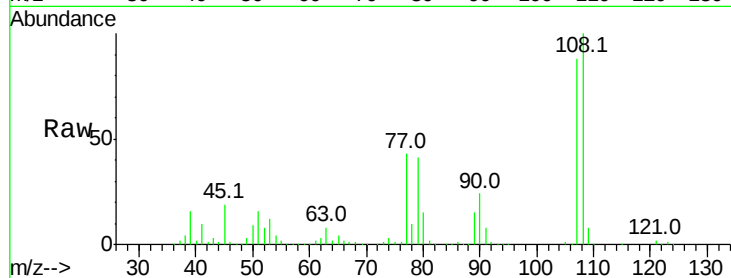
#17
2-Methylphenol
Concen: 46.37 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	67.7	101.5#
77	48.5	40.7	61.1
79	47.2	23.4	35.2#

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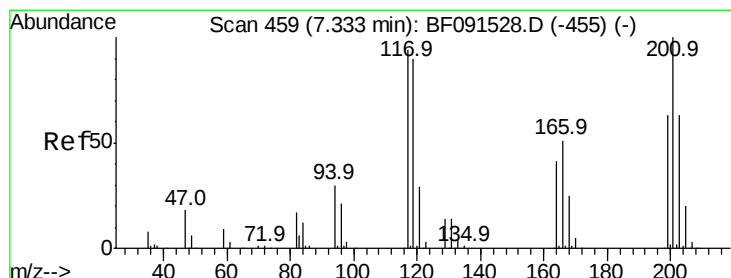
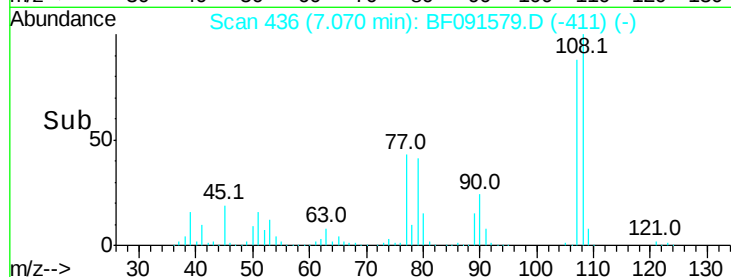
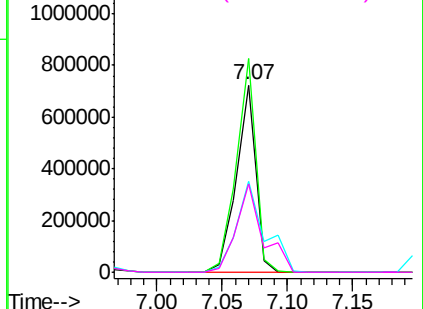
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

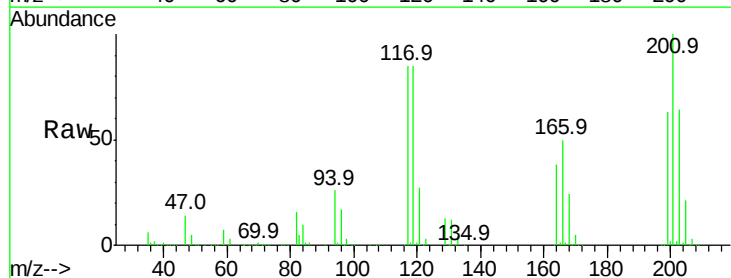
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.55 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	78.6	118.0
201	118.2	86.7	130.1

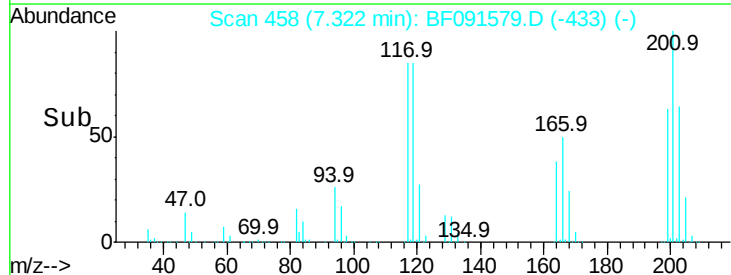
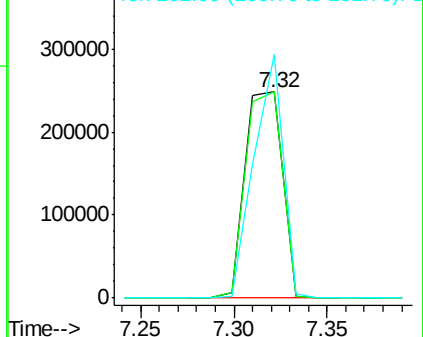


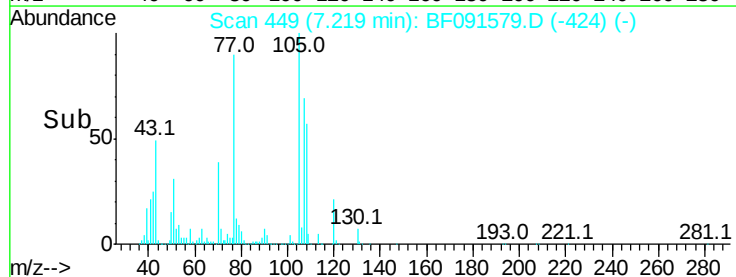
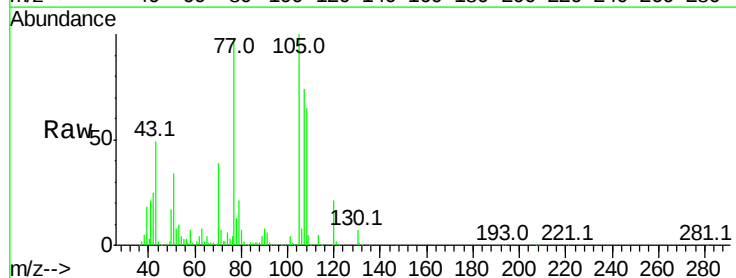
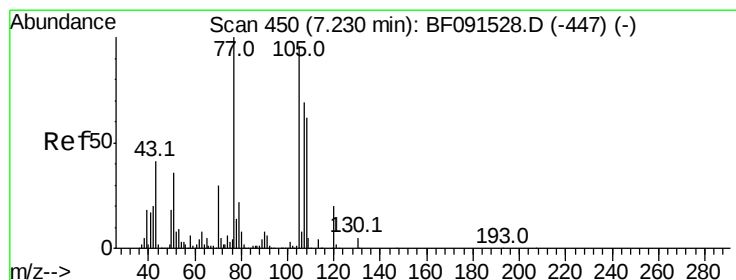
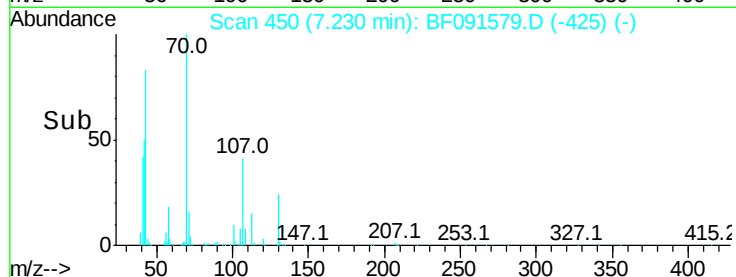
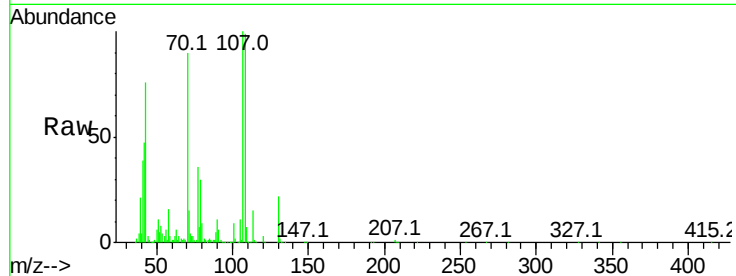
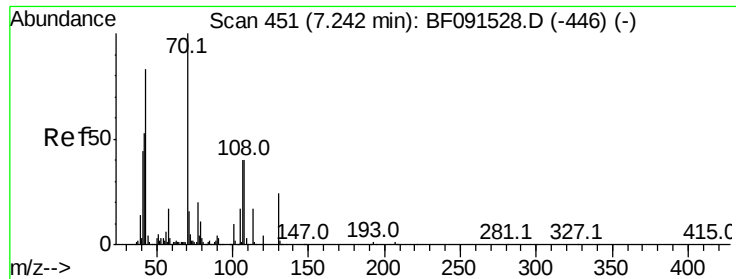
Abundance

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





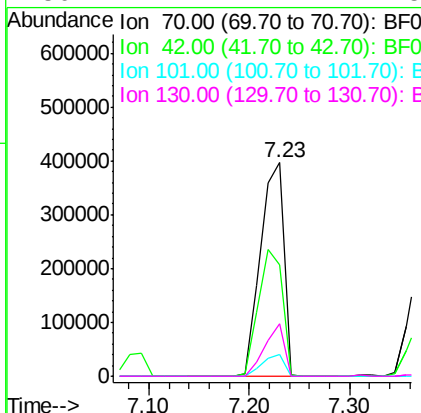
#19
n-Nitroso-di-n-propylamine
Concen: 47.97 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	64.8	97.2#
101	10.1	6.2	9.4#
130	24.4	11.7	17.5#

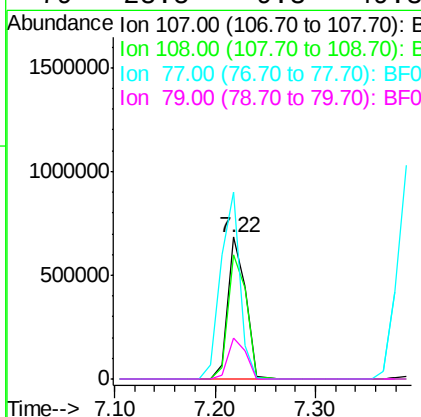
Manual Integrations
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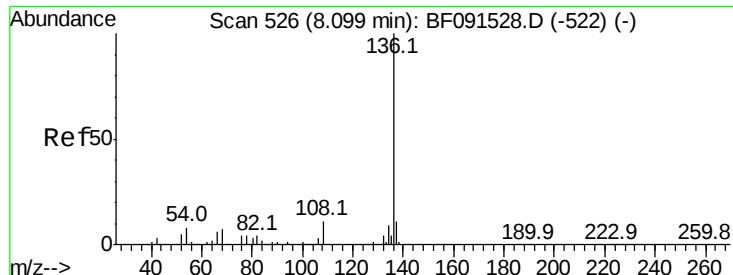
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#20
3+4-Methylphenols
Concen: 48.17 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	64.6	104.6
77	131.7	30.9	70.9#
79	28.5	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

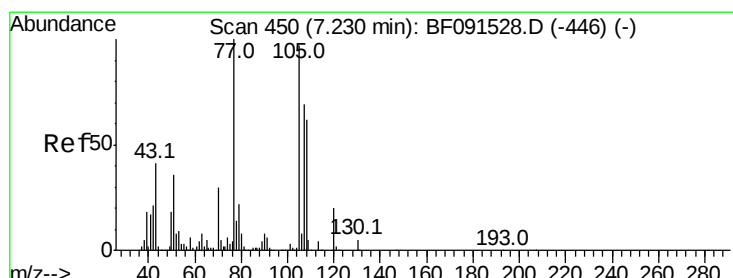
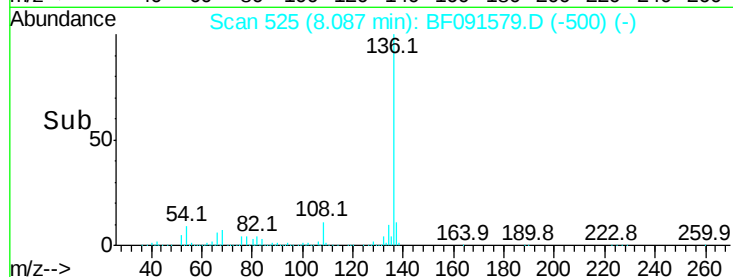
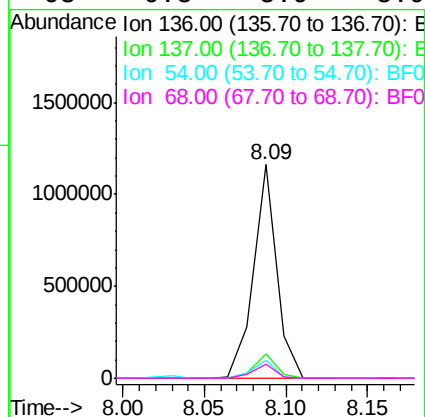
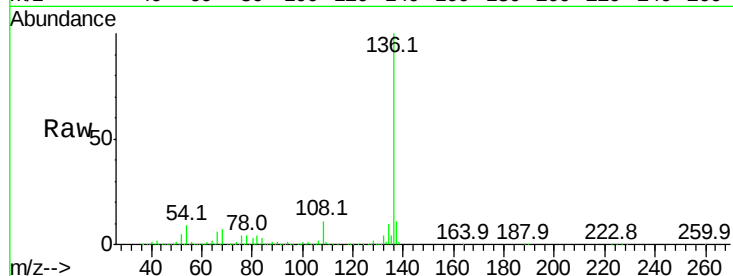
ClientSampleId :

PB95306BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.7	9.1	13.7#
68	6.8	5.9	8.9

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#22

Acetophenone

Concen: 43.97 ng

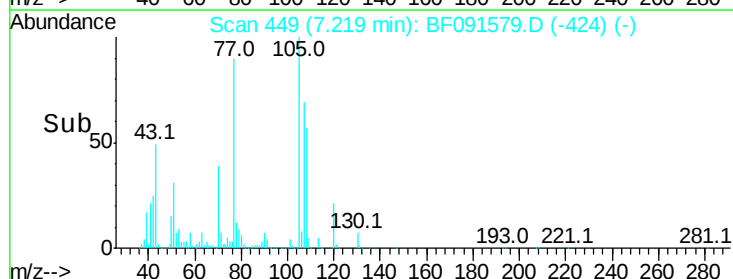
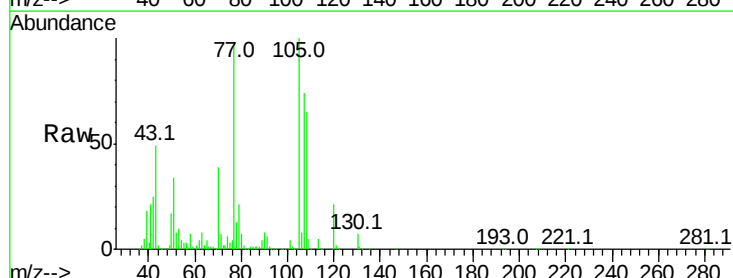
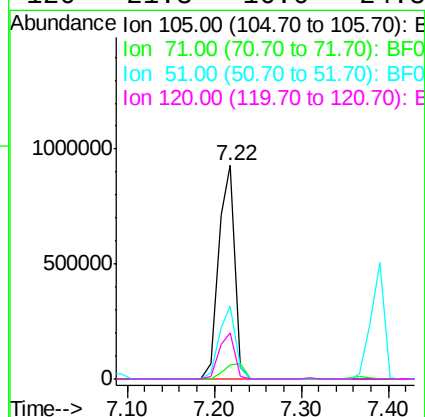
RT: 7.22 min Scan# 449

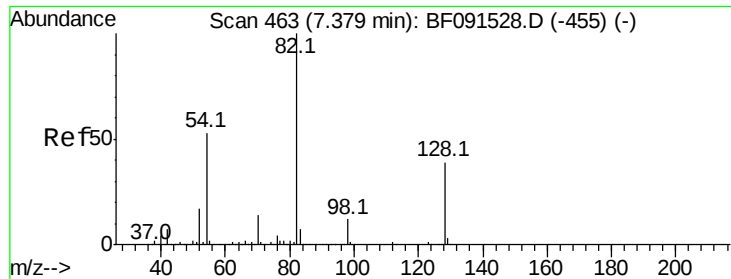
Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.6	7.9	11.9#
51	34.0	24.5	36.7
120	21.3	16.6	24.8





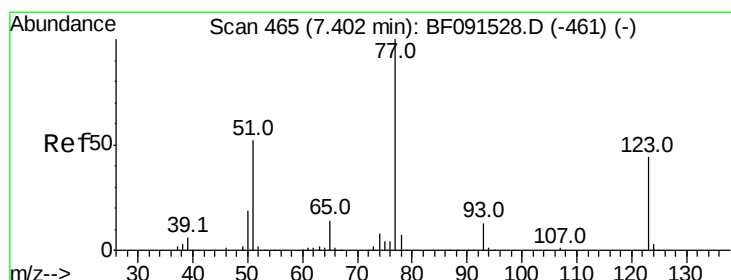
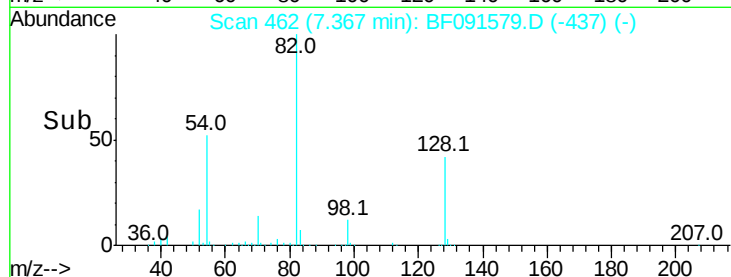
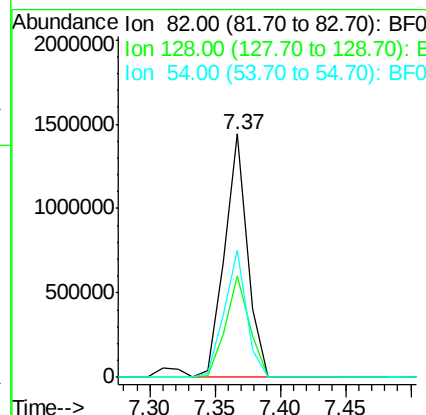
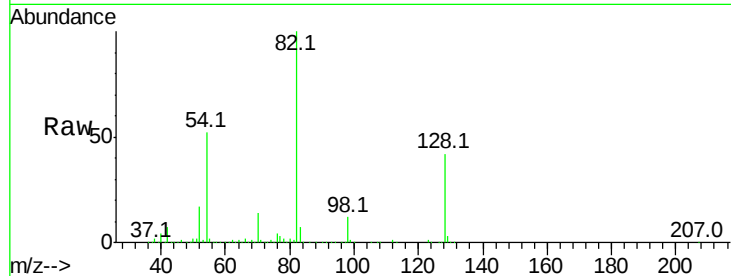
#23
 Nitrobenzene-d5
 Concen: 85.53 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BS

Tot Ion: 82 Resp: 1762245
 Ion Ratio Lower Upper
 82 100
 128 41.9 31.8 47.6
 54 52.0 49.1 73.7

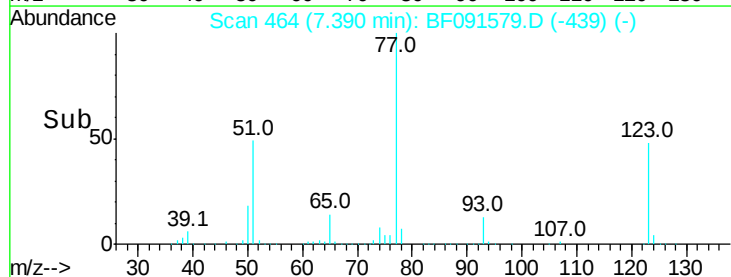
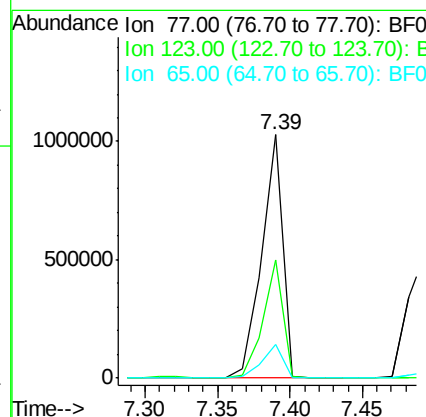
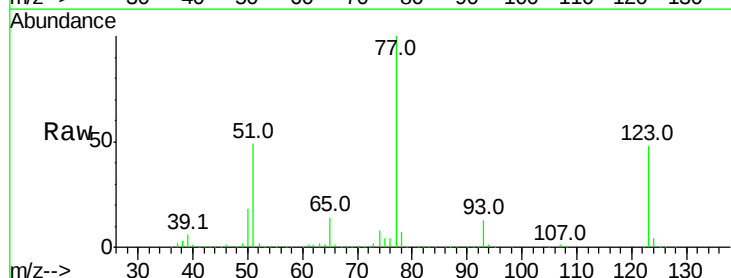
Manual Integrations
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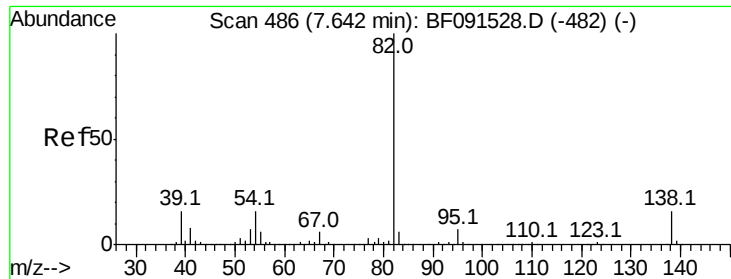
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#24
 Nitrobenzene
 Concen: 47.25 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion: 77 Resp: 1028496
 Ion Ratio Lower Upper
 77 100
 123 48.5 28.5 42.7#
 65 13.6 12.5 18.7





#25

Isophorone

Concen: 47.04 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion: 82 Resp: 1722763

Ion Ratio Lower Upper

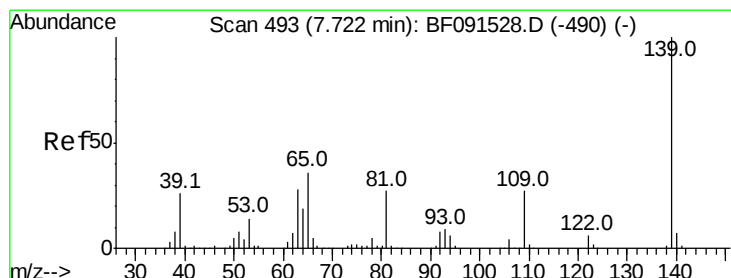
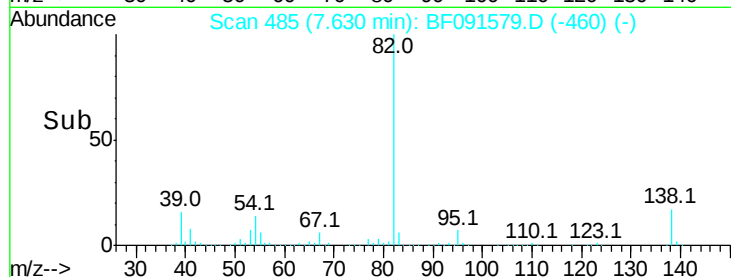
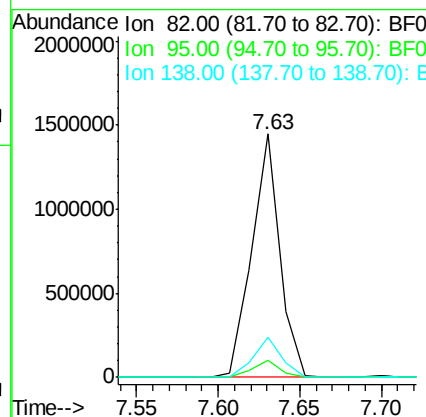
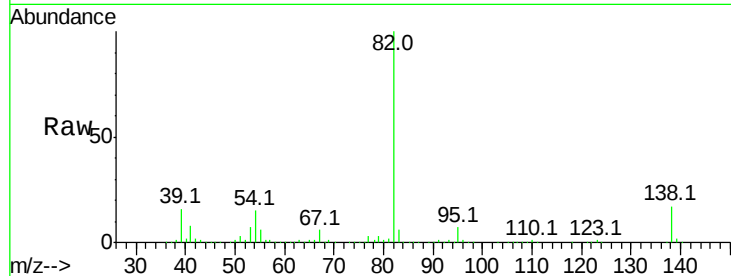
82 100

95 6.9 5.7 8.5

138 16.6 13.4 20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.91 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

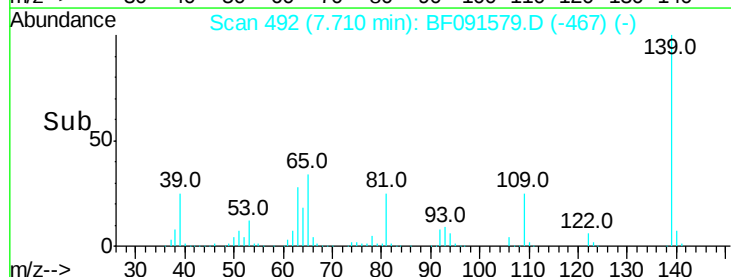
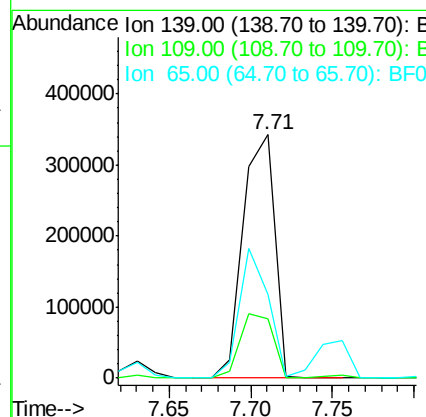
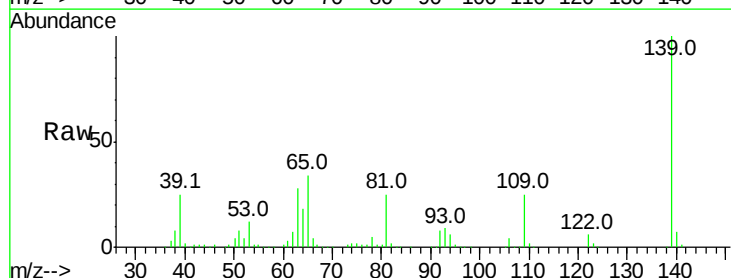
Tgt Ion: 139 Resp: 460242

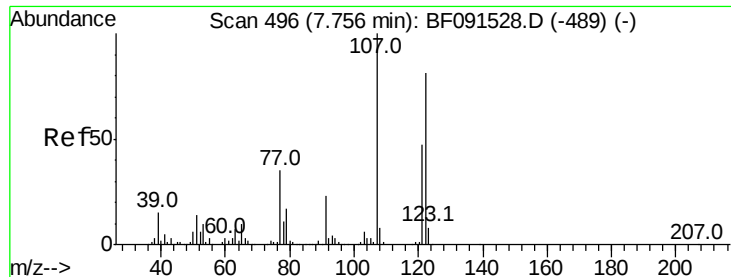
Ion Ratio Lower Upper

139 100

109 24.6 25.3 37.9#

65 34.3 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 48.85 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

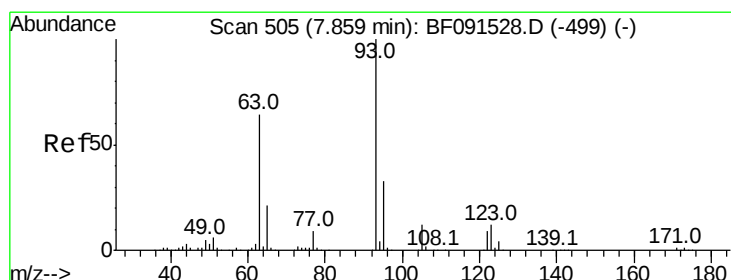
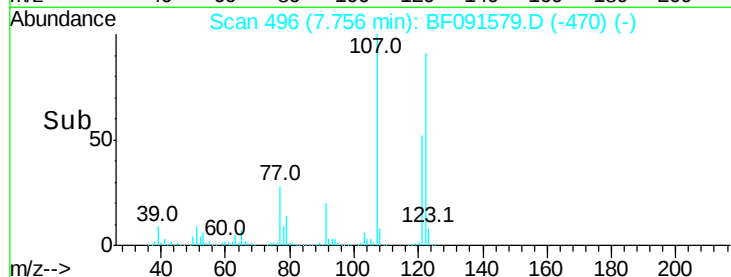
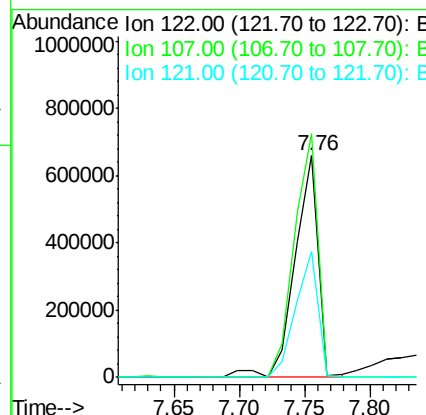
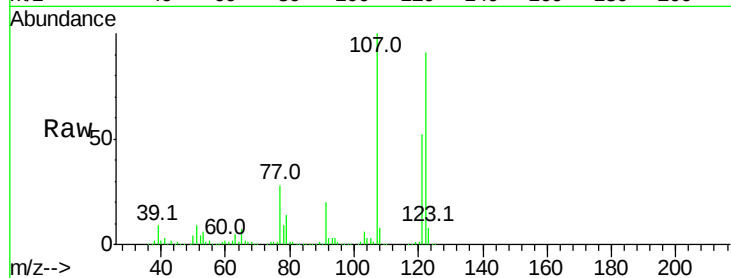
ClientSampleId :

PB95306BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	824329		
107	109.9	96.8	145.2	
121	56.9	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 52.94 ng

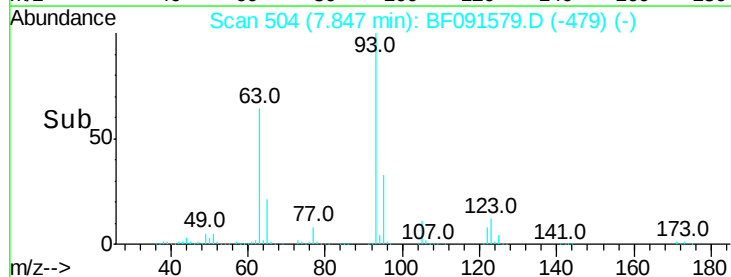
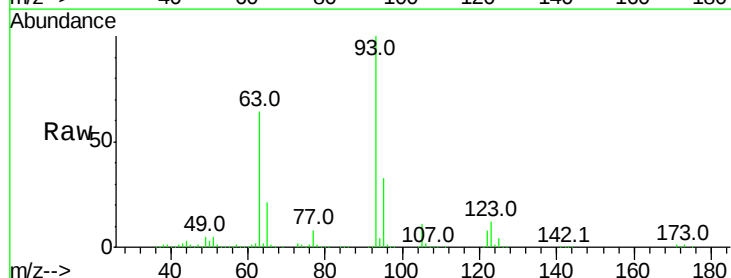
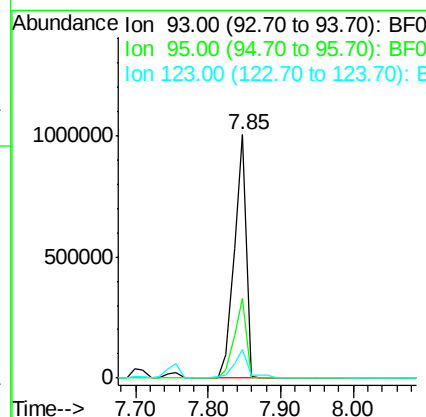
RT: 7.85 min Scan# 504

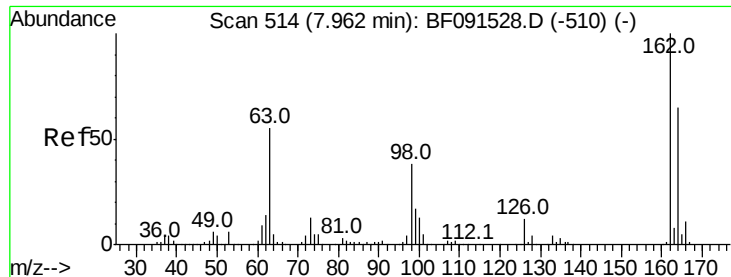
Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1137246		
95	32.9	26.0	39.0	
123	11.8	8.6	12.8	





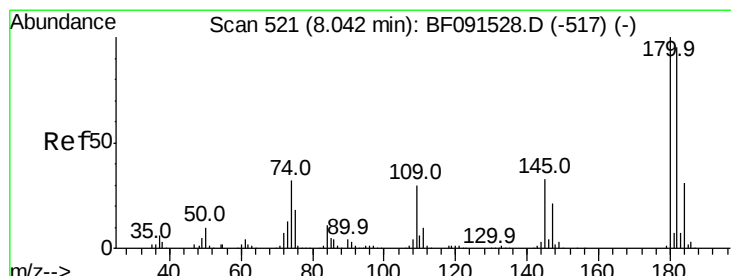
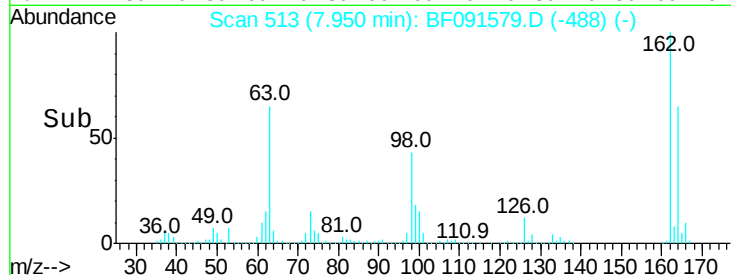
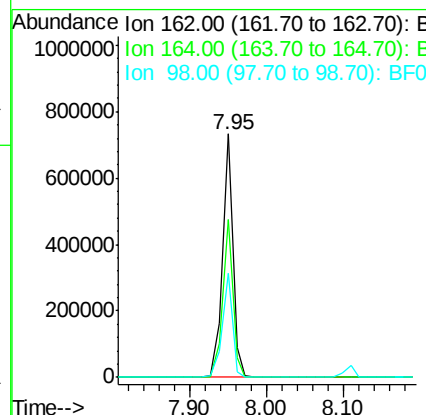
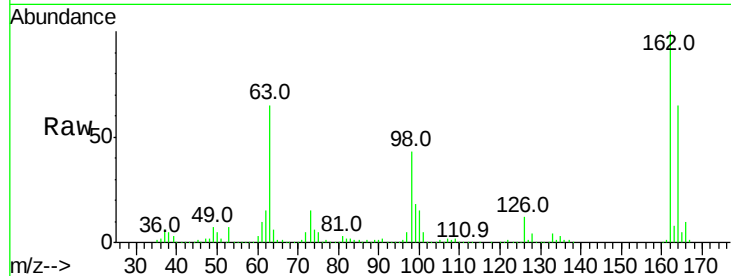
#29
 2,4-Dichlorophenol
 Concen: 46.93 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampleID :
 PB95306BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	45.0	85.0
98	42.9	21.3	61.3

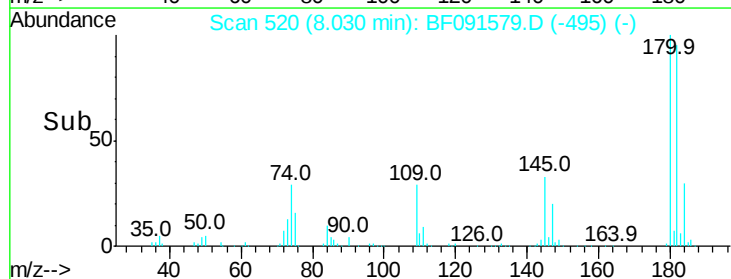
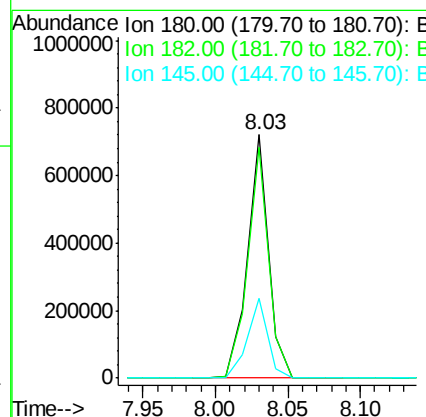
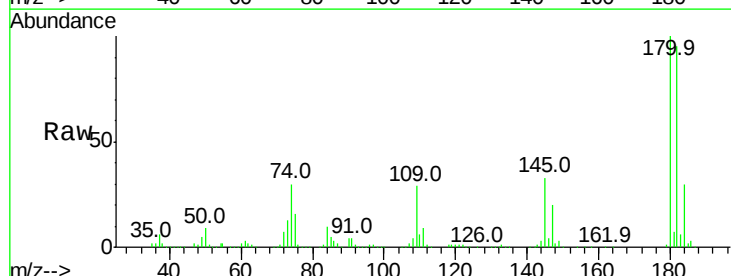
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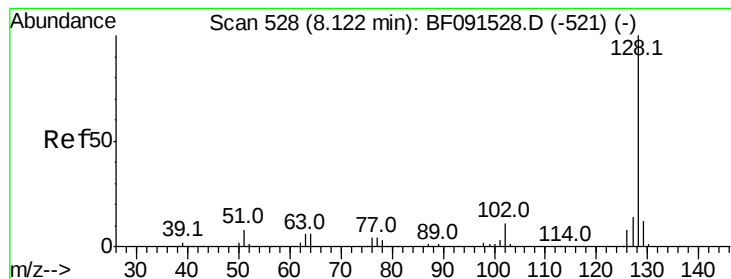
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.16 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	75.8	113.8
145	32.9	27.0	40.4





#31

Naphthalene

Concen: 42.96 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion:128 Resp: 2298461

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

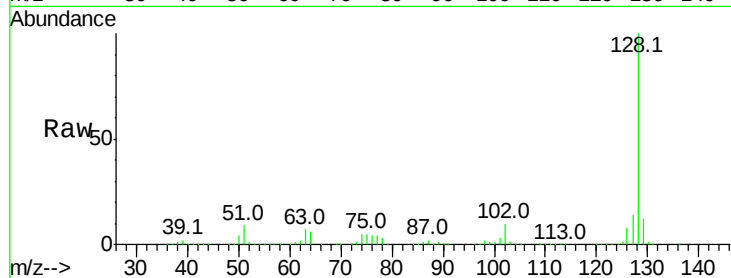
127 13.8 11.0 16.4

Manual Integrations

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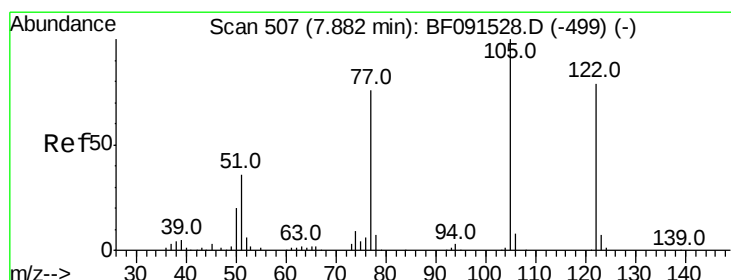
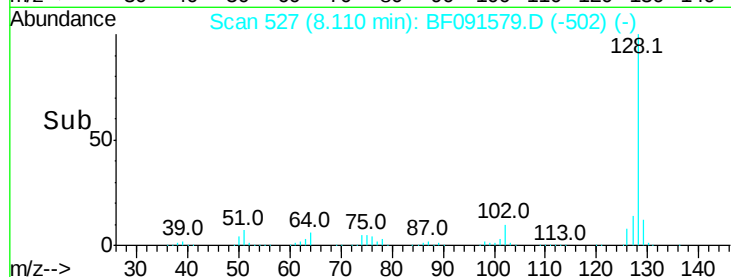
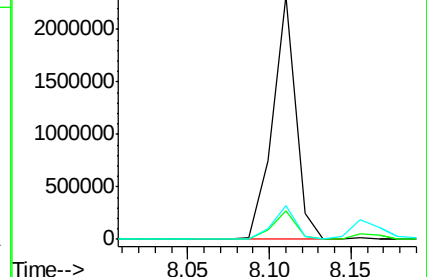
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.50 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

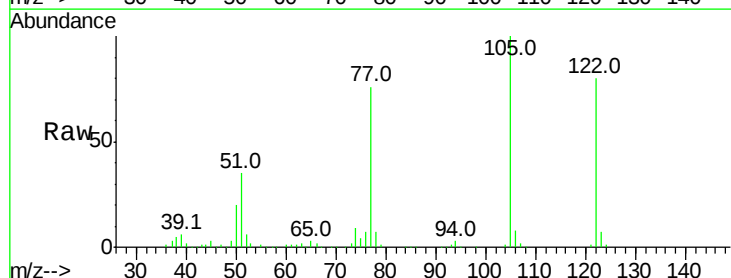
Tgt Ion:122 Resp: 534097

Ion Ratio Lower Upper

122 100

105 124.6 113.0 153.0

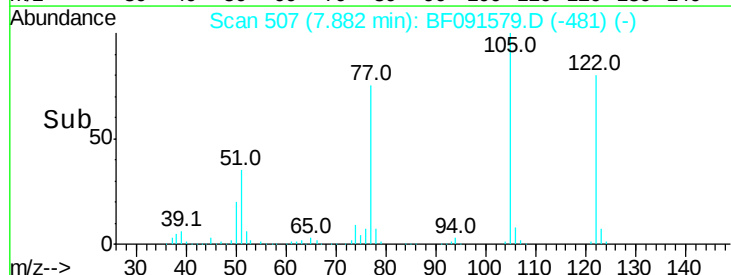
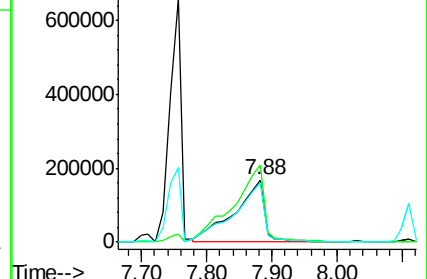
77 95.1 82.0 122.0

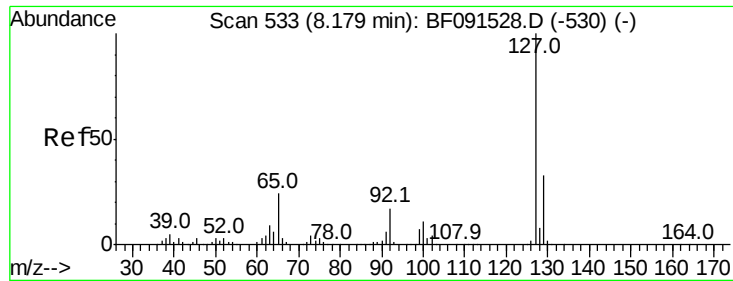


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





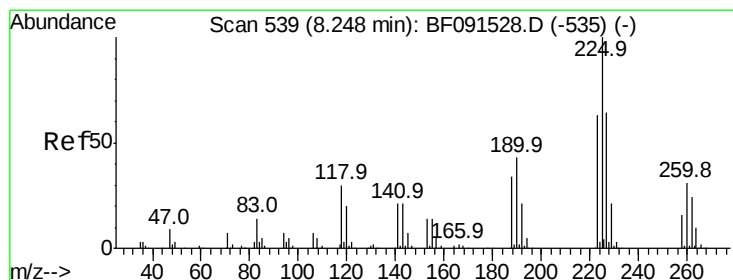
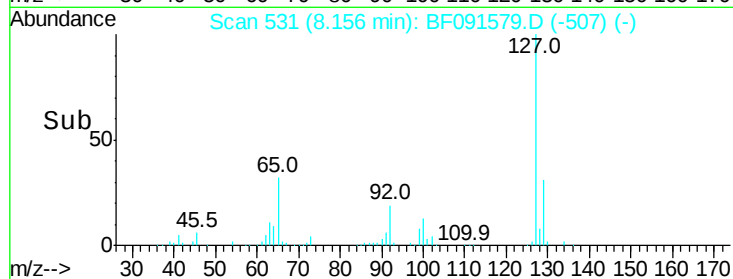
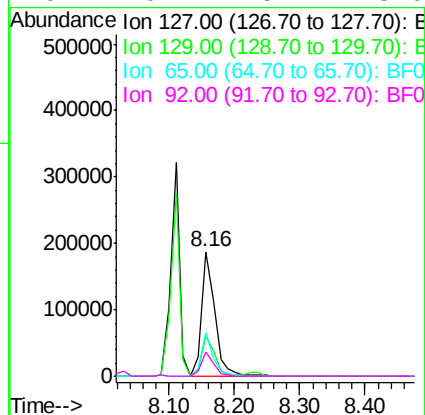
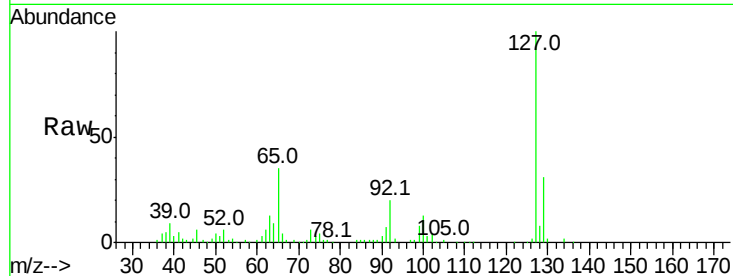
#33
4-Chloroaniline
Concen: 11.47 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.4		
65	35.0	26.6	39.8		
92	19.7	15.4	23.0		

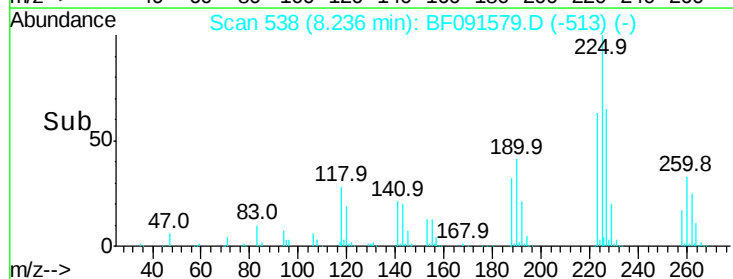
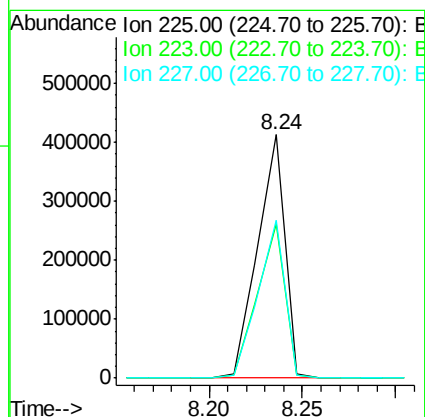
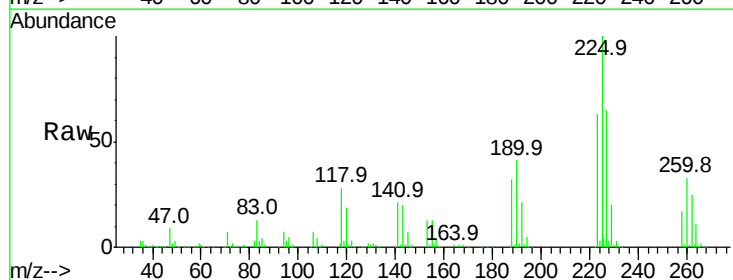
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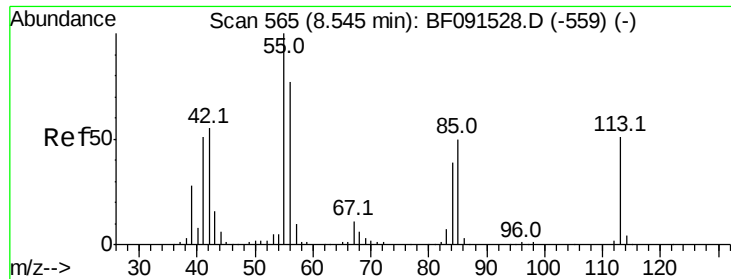
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#34
Hexachlorobutadiene
Concen: 44.37 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.8	74.6		
227	64.8	52.6	79.0		





#35

Caprolactam

Concen: 48.74 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

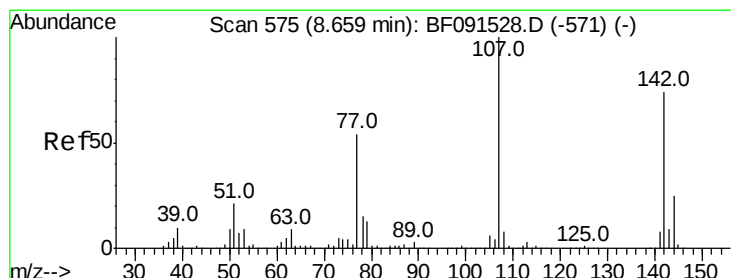
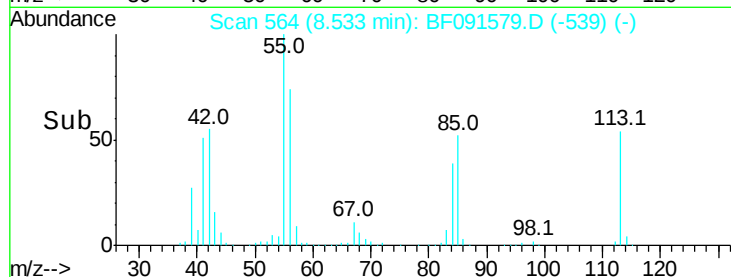
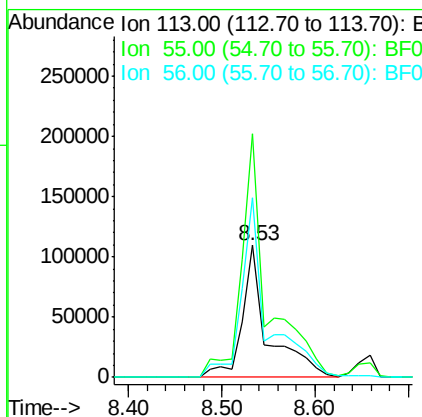
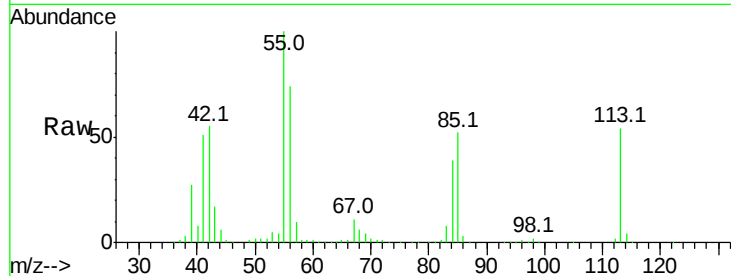
ClientSampleId :

PB95306BS

Tot Ion:	113	Resp:	208975
Ion Ratio	Lower	Upper	
113	100		
55	184.9	239.8	279.8#
56	136.6	165.6	205.6#

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#36

4-Chloro-3-methylphenol

Concen: 47.63 ng

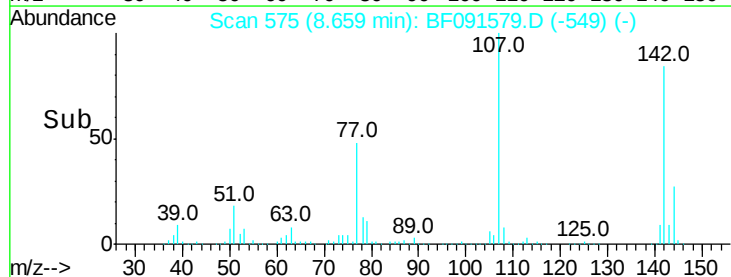
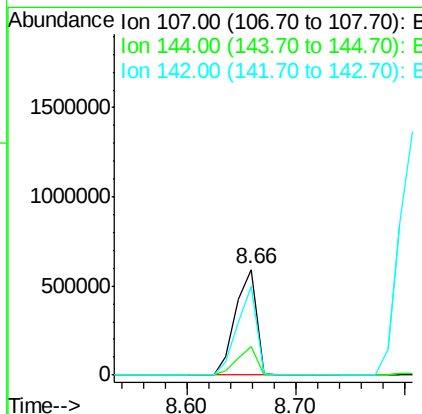
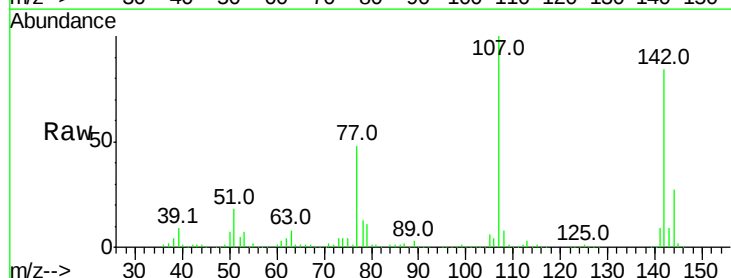
RT: 8.66 min Scan# 575

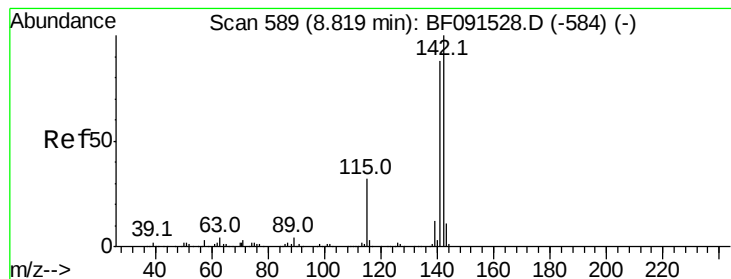
Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion:	107	Resp:	784307
Ion Ratio	Lower	Upper	
107	100		
144	27.4	18.9	28.3
142	84.0	58.5	87.7





#37

2-Methylnaphthalene

Concen: 46.96 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion:142 Resp: 1626332

Ion Ratio Lower Upper

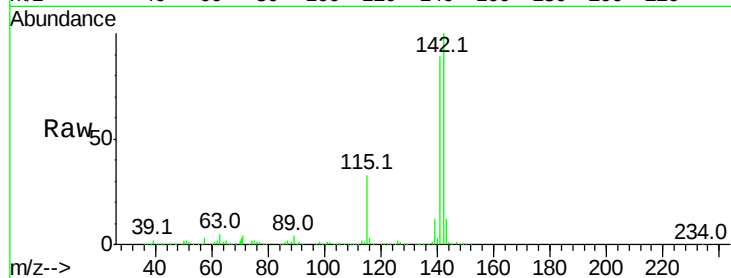
142 100

141 88.5 71.7 107.5

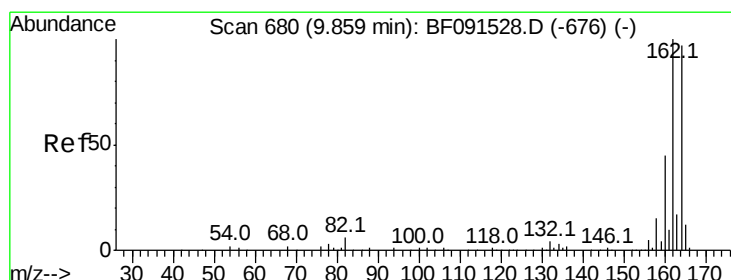
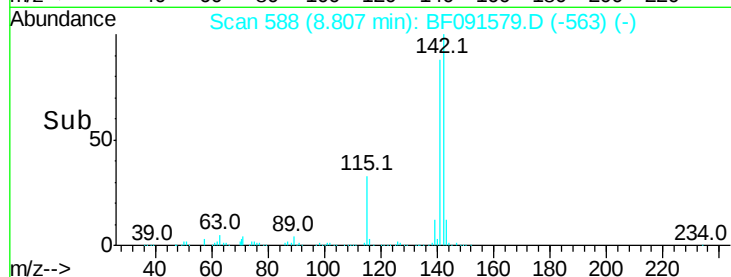
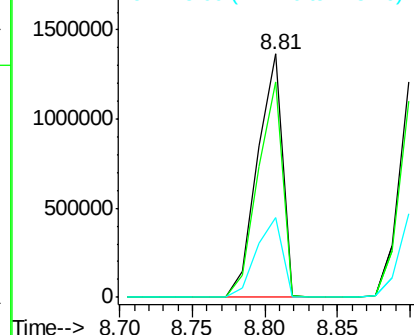
115 32.6 25.0 37.6

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

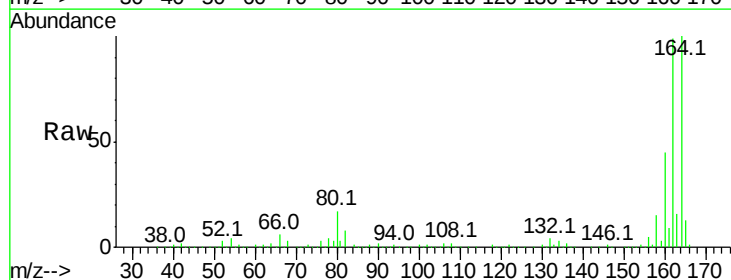
Tgt Ion:164 Resp: 592142

Ion Ratio Lower Upper

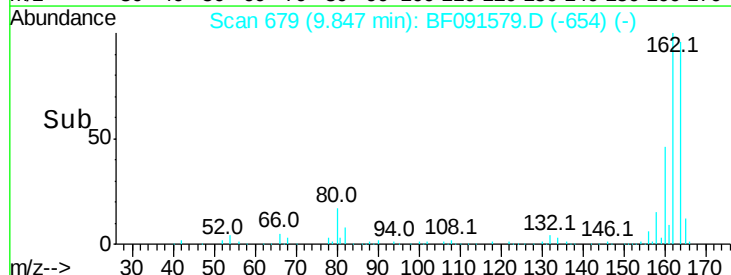
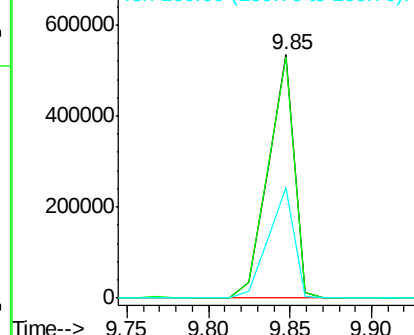
164 100

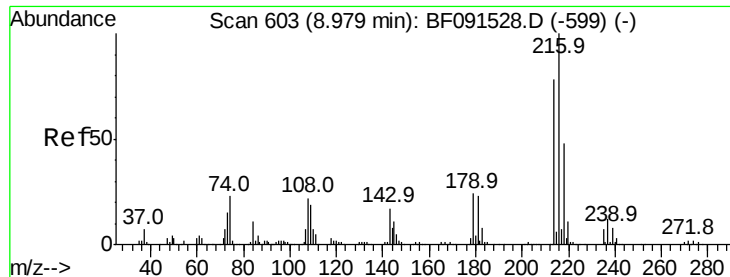
162 98.9 82.6 124.0

160 45.4 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.06 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

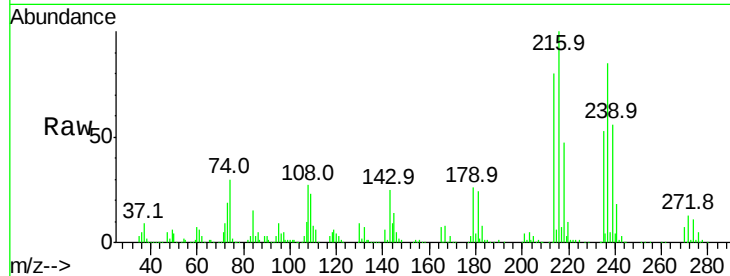
ClientSampleId :

PB95306BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	601919		
214	79.5	63.8	95.8	
179	22.7	18.2	27.2	
108	24.6	17.2	25.8	

Manual Integrations
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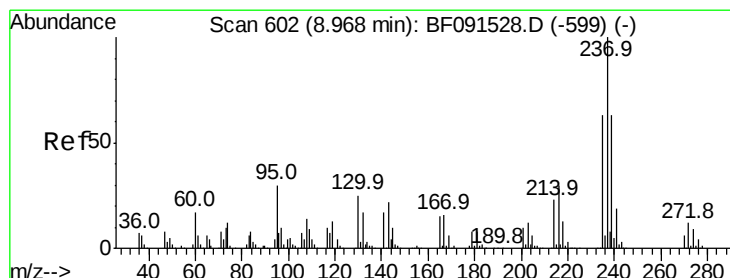
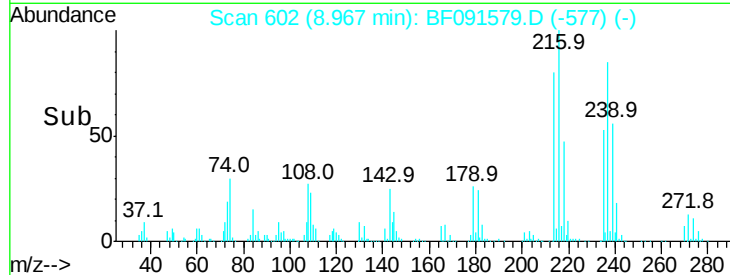
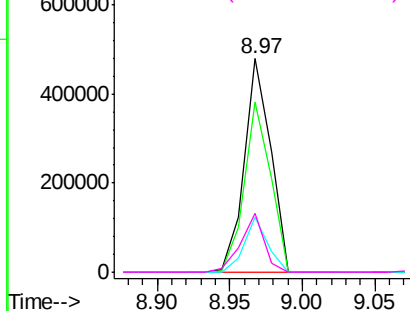


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.40 ng

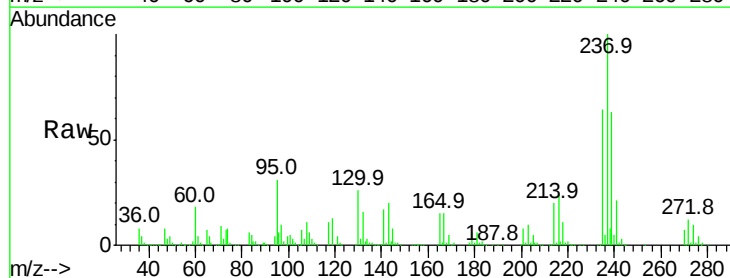
RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

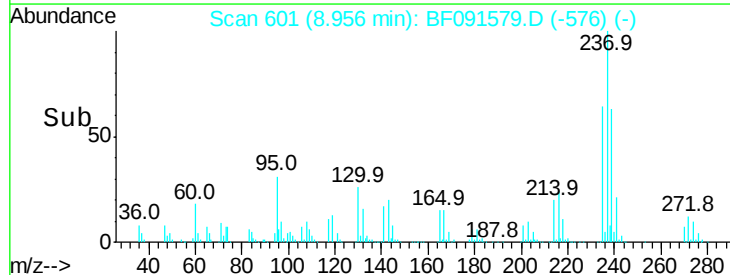
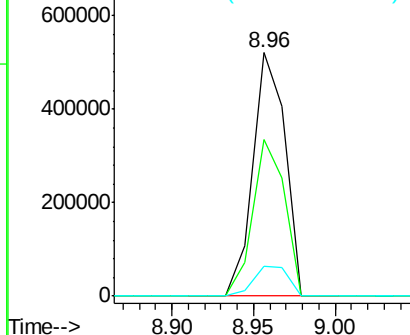
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	712526		
235	64.2	43.9	83.9	
272	12.2	0.0	33.1	

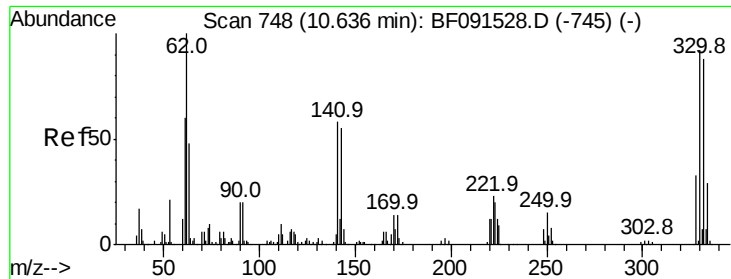


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





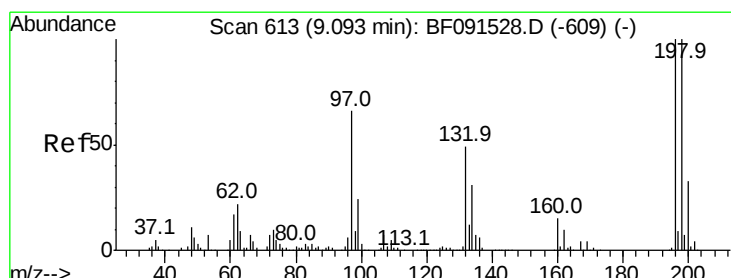
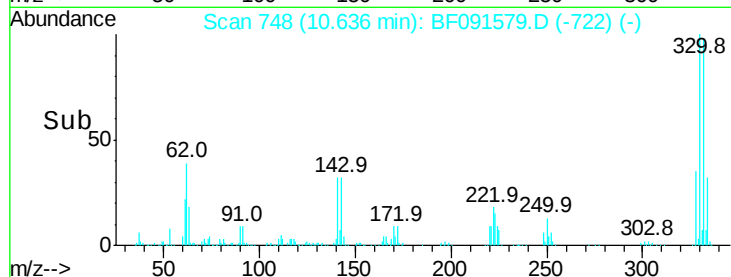
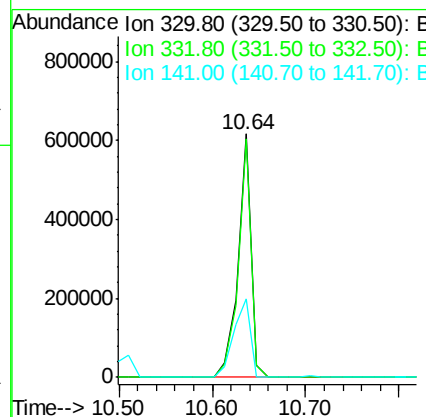
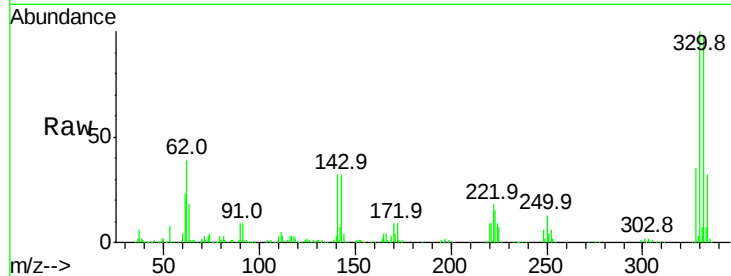
#41
 2,4,6-Tribromophenol
 Concen: 123.69 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	608334		
332	96.7	76.2	114.4	
141	41.2	33.6	50.4	

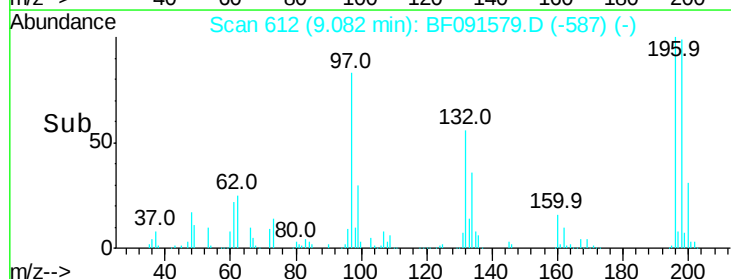
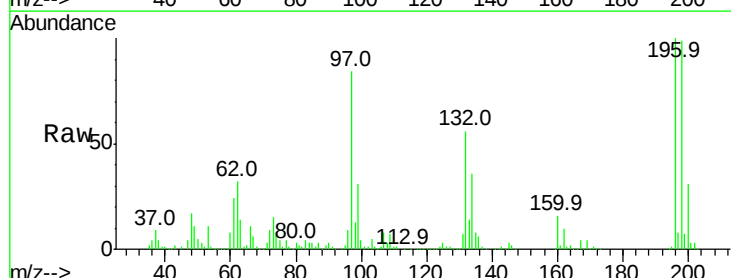
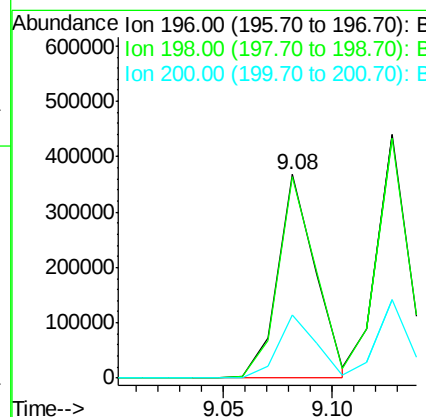
Manual Integrations
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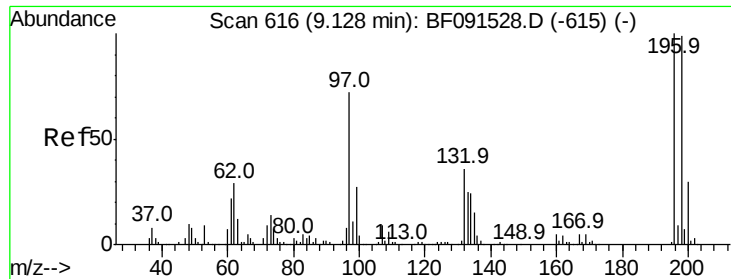
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#42
 2,4,6-Trichlorophenol
 Concen: 42.69 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	445498		
198	98.8	77.4	116.0	
200	30.7	25.2	37.8	





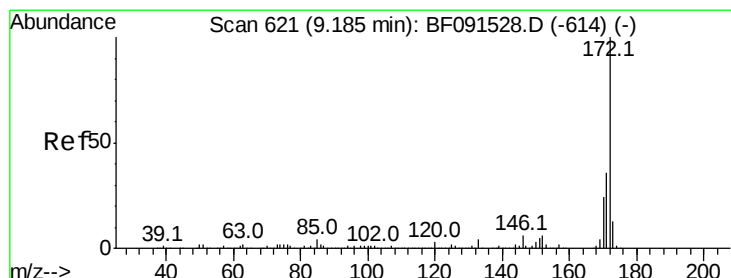
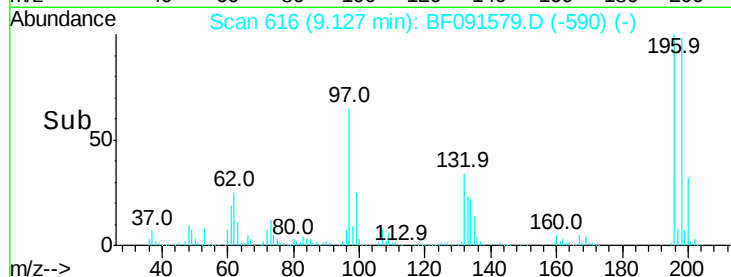
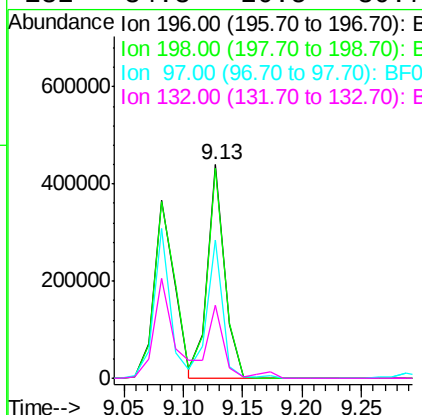
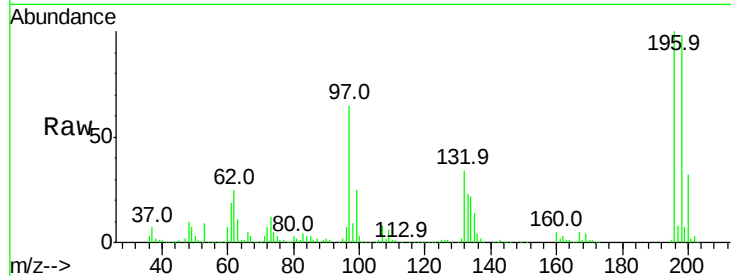
#43
 2,4,5-Trichlorophenol
 Concen: 41.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	443091		
198	98.3	77.0	115.6	
97	65.0	33.5	50.3#	
132	34.3	20.5	30.7#	

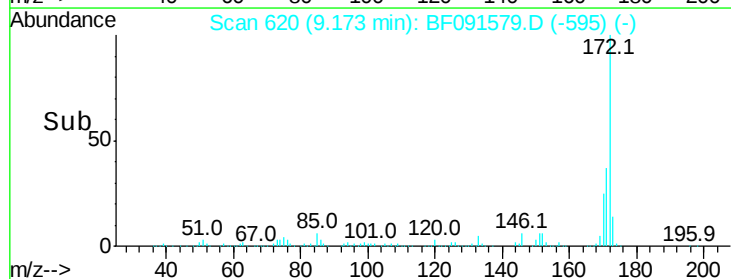
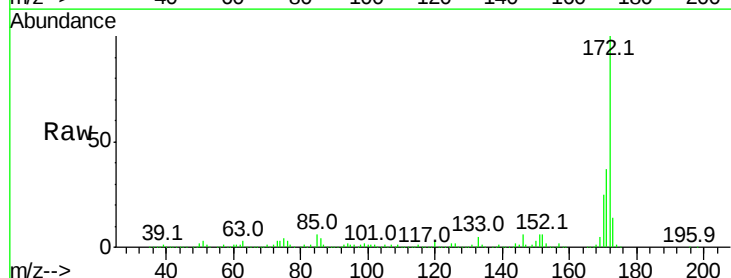
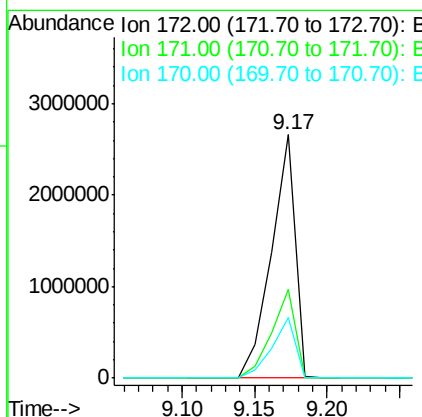
Manual Integrations
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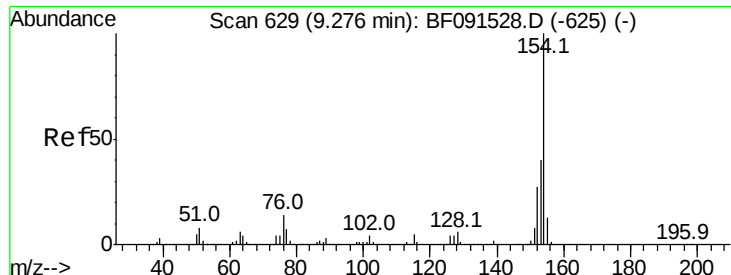
sohil
 12/15/2016 5:39:04 PM



#44
 2-Fluorobiphenyl
 Concen: 88.83 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3044131		
171	36.5	29.4	44.0	
170	25.0	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 42.41 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion:154 Resp: 1818961

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

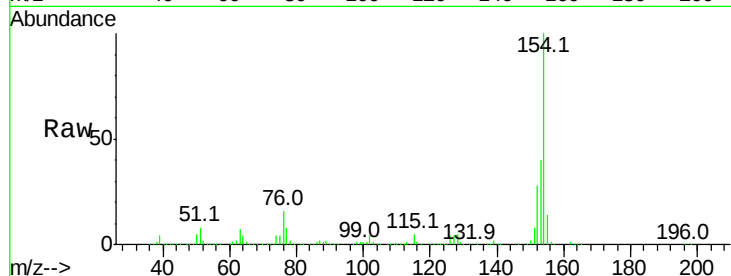
76 15.7 0.0 36.6

Manual Integrations

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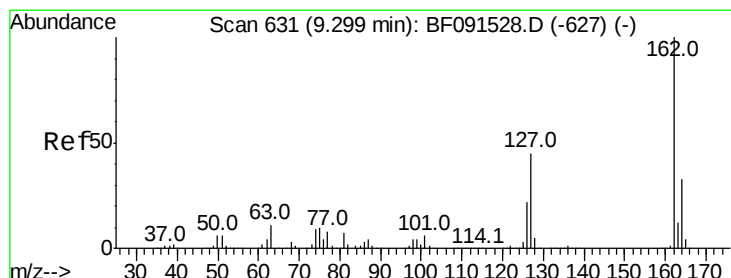
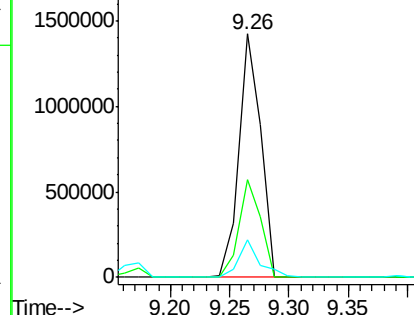
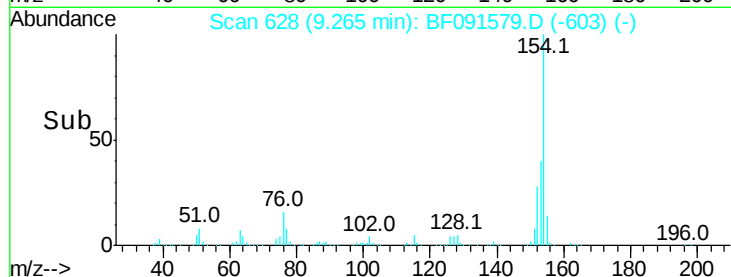
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.15 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

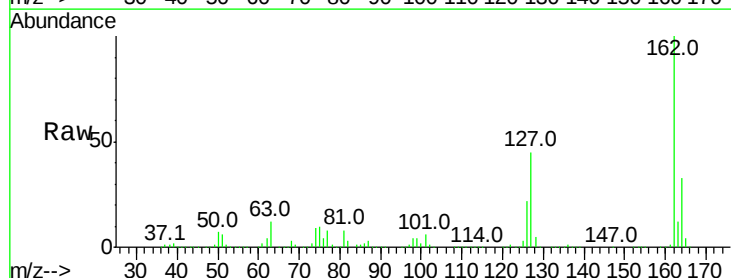
Tgt Ion:162 Resp: 1366720

Ion Ratio Lower Upper

162 100

127 44.9 34.3 51.5

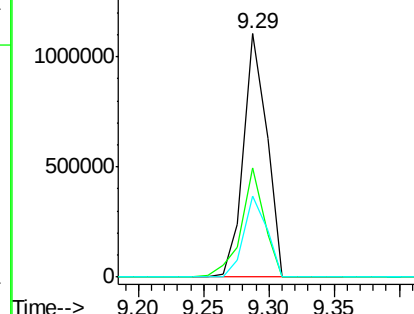
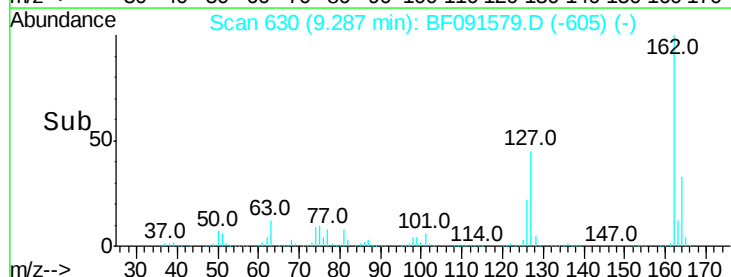
164 33.2 26.6 40.0

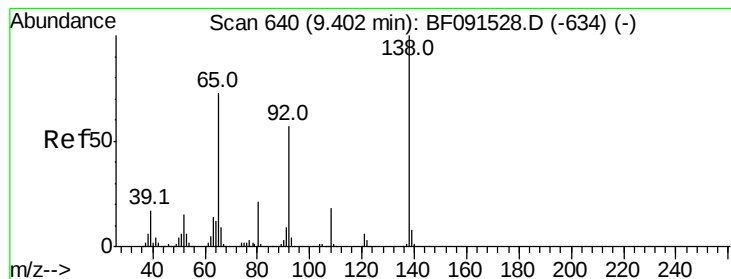


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.46 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

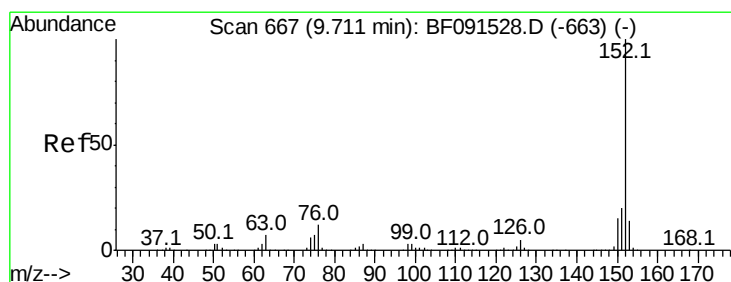
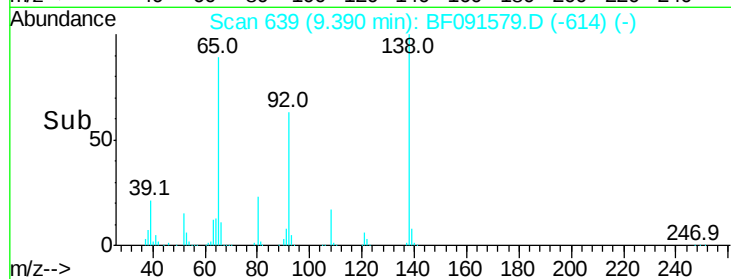
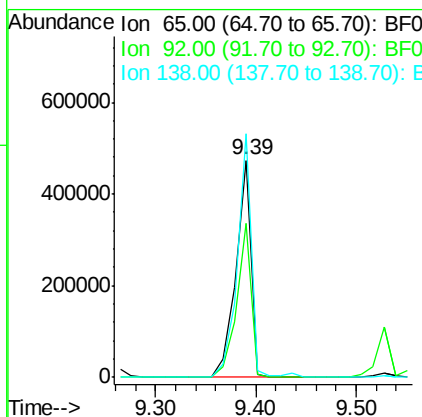
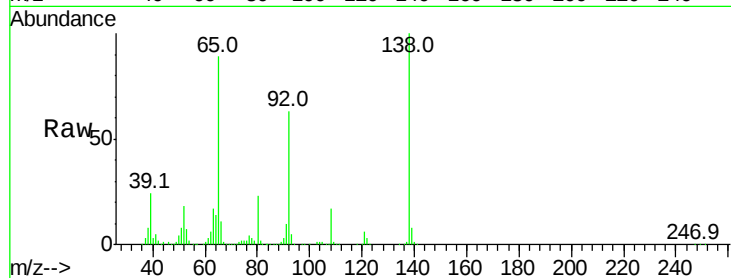
ClientSampleId :

PB95306BS

Tot Ion:	65	Resp:	496586
Ion Ratio	Lower	Upper	
65	100		
92	71.2	53.6	80.4
138	112.1	91.0	136.6

Manual Integrations
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#48

Acenaphthylene

Concen: 44.78 ng

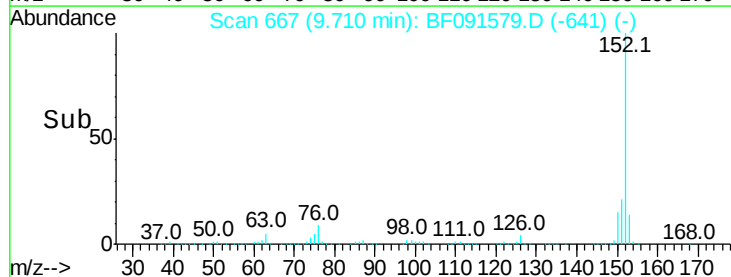
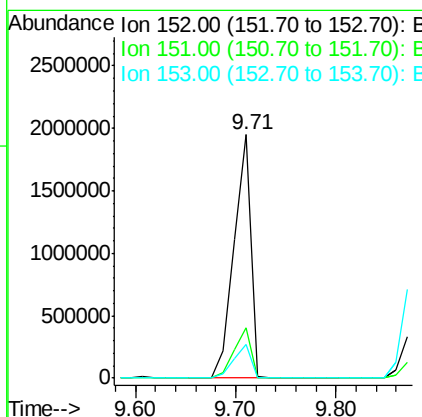
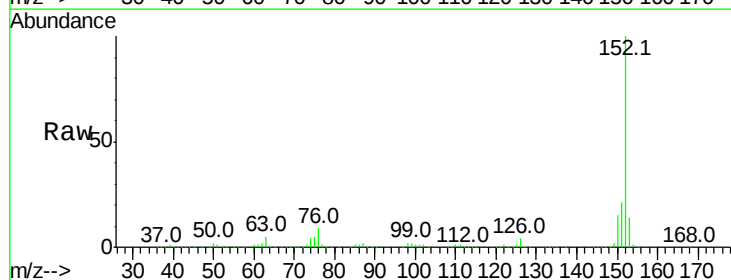
RT: 9.71 min Scan# 667

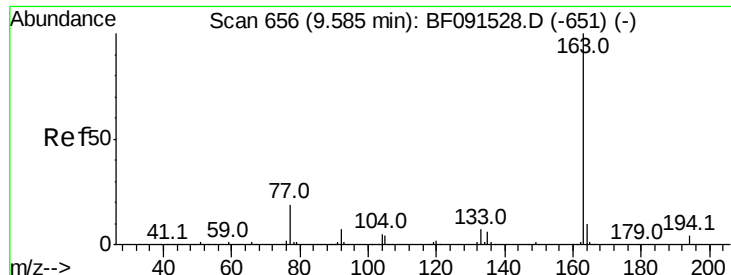
Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion:	152	Resp:	2266968
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.6	24.8
153	14.1	10.7	16.1





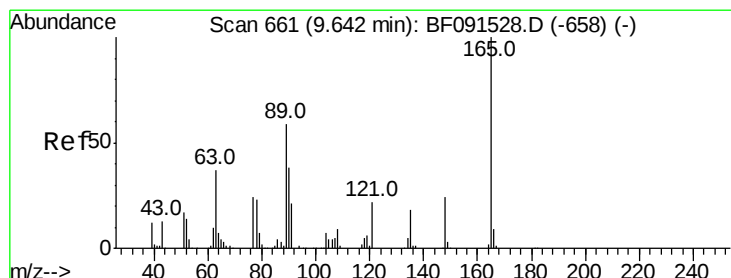
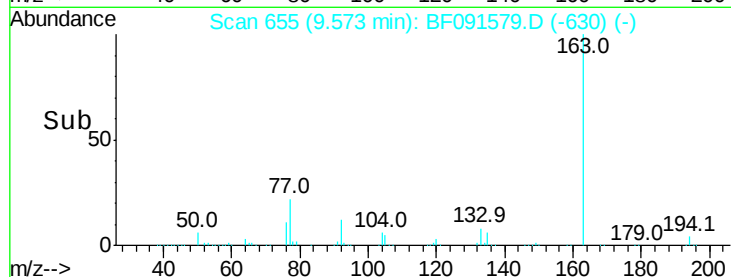
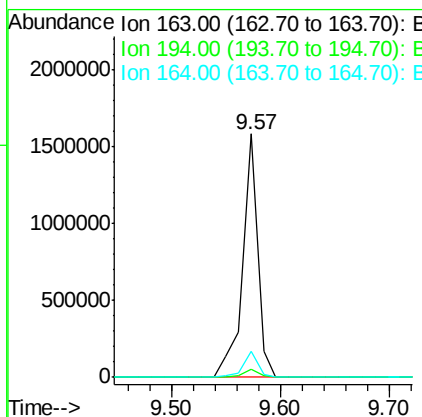
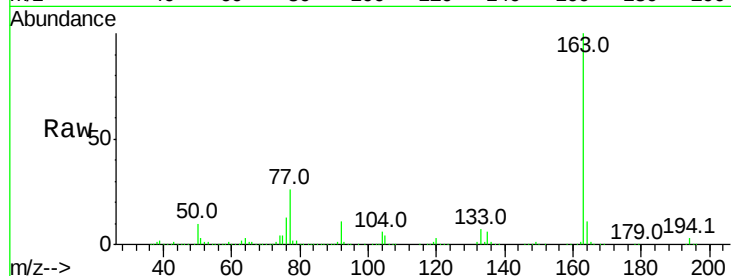
#49
Dimethylphthalate
Concen: 40.03 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion:163 Resp: 1500813
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.6 7.8 11.8

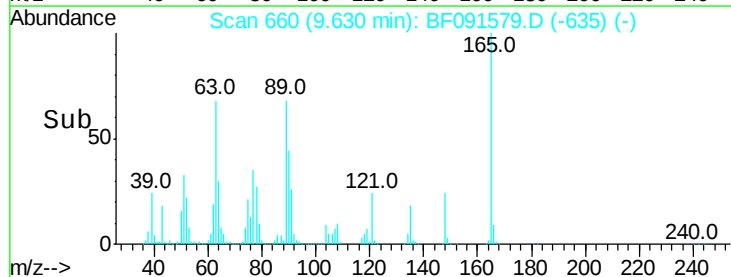
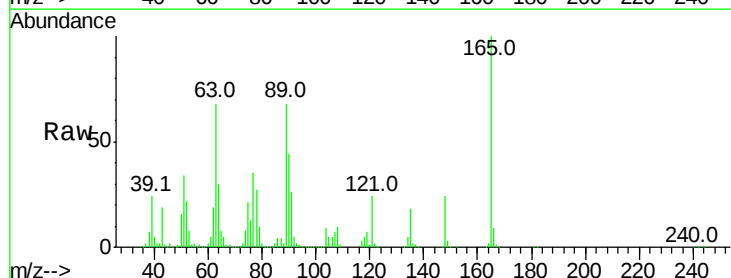
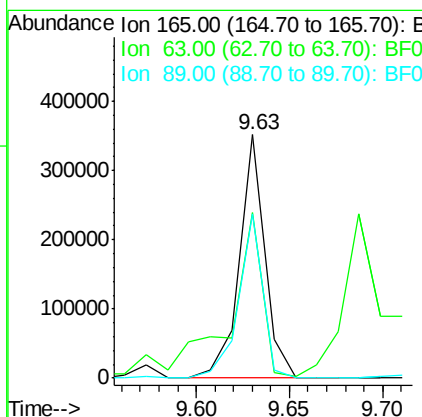
Manual Integrations
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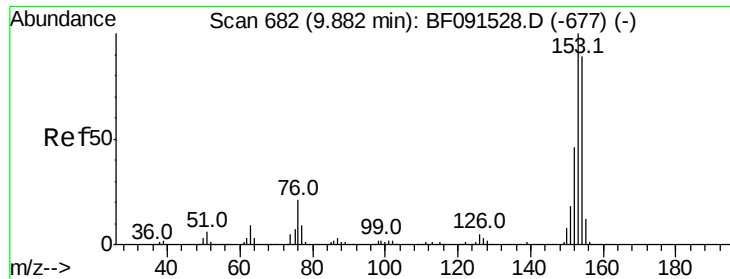
sohil
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#50
2,6-Dinitrotoluene
Concen: 40.70 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion:165 Resp: 334962
Ion Ratio Lower Upper
165 100
63 68.2 59.4 89.0
89 67.6 50.8 76.2





#51

Acenaphthene

Concen: 46.34 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion:154 Resp: 1629420

Ion Ratio Lower Upper

154 100

153 111.1 91.0 136.6

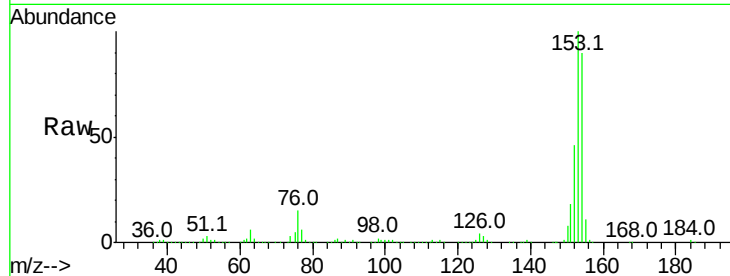
152 51.2 44.2 66.2

Manual Integrations

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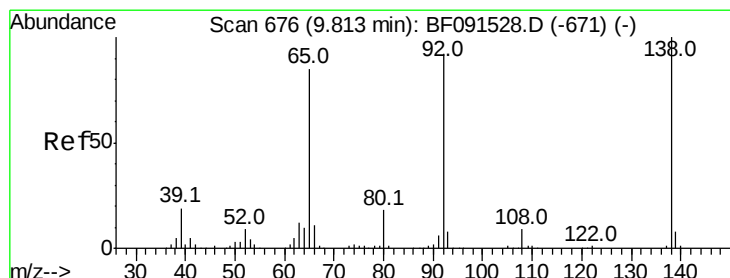
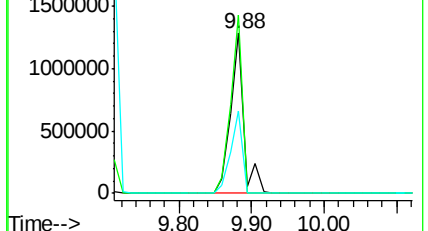
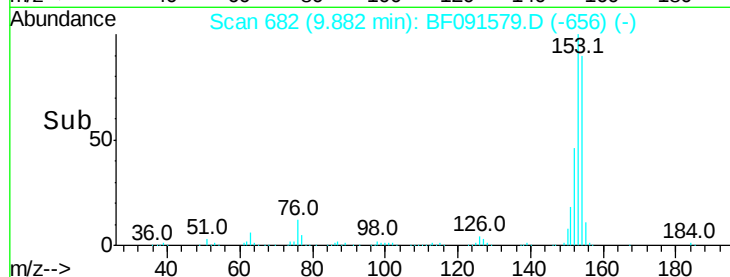
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.99 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

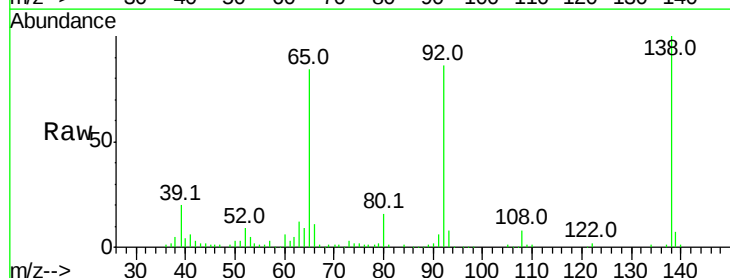
Tgt Ion:138 Resp: 173944

Ion Ratio Lower Upper

138 100

108 8.3 8.1 12.1

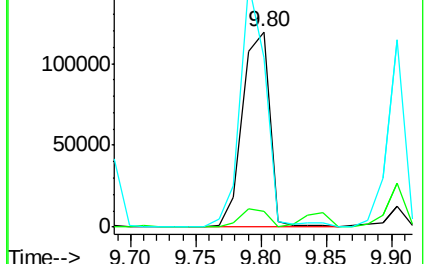
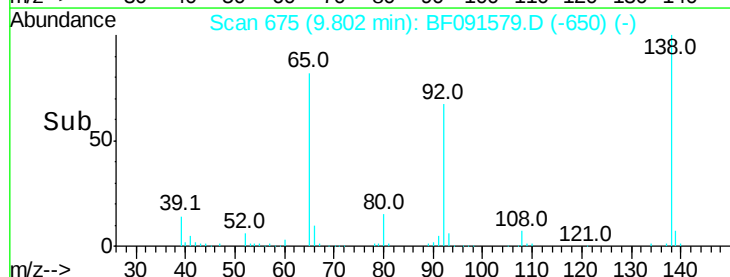
92 86.4 92.5 138.7#

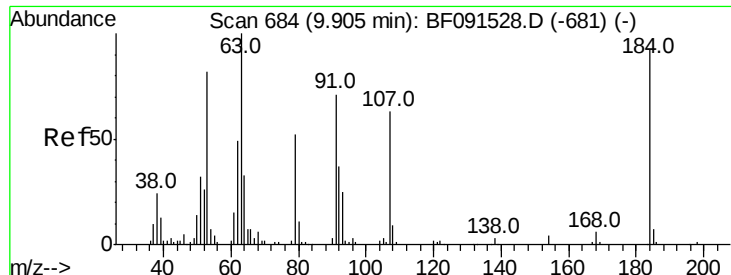


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





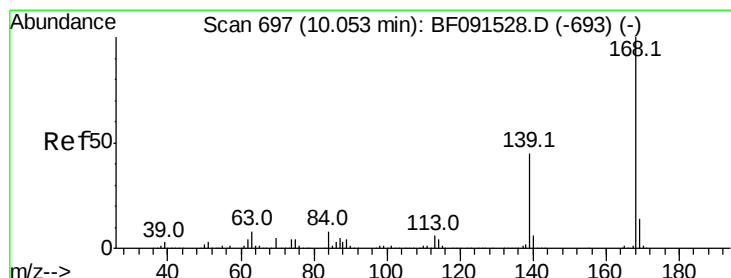
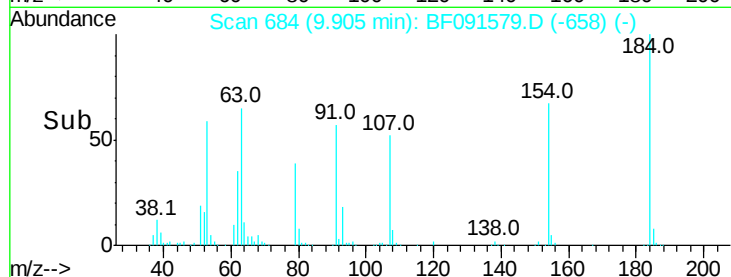
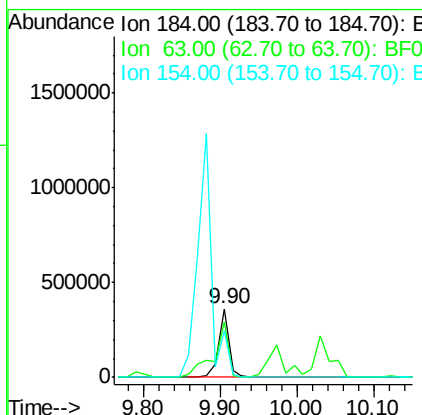
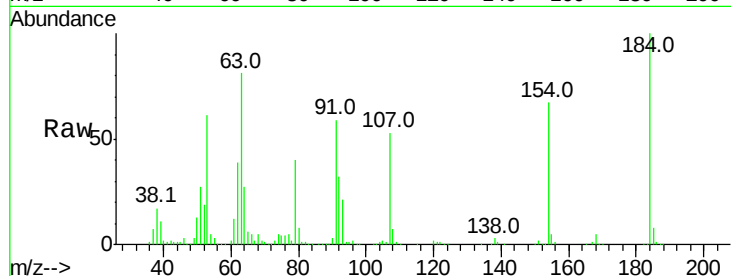
#53
2,4-Dinitrophenol
Concen: 73.43 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.2	58.3	87.5
154	66.6	48.6	73.0

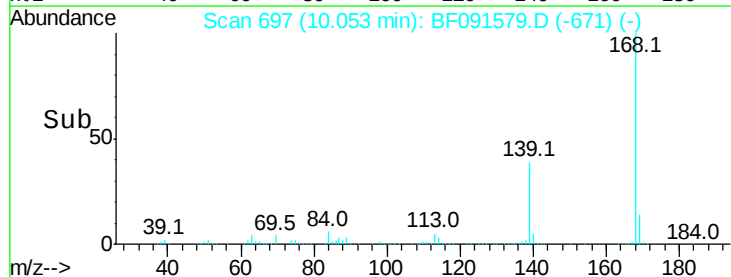
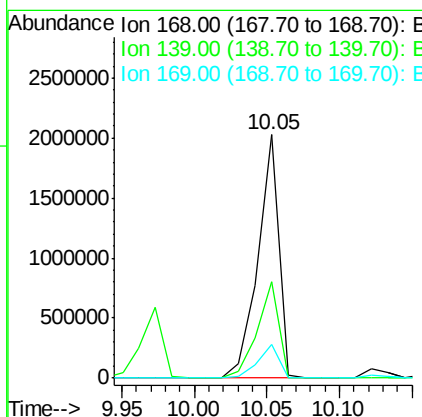
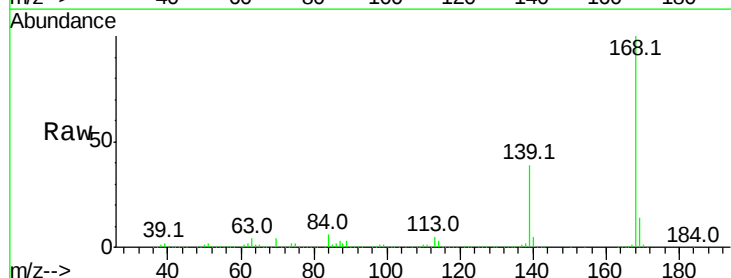
Manual Integrations
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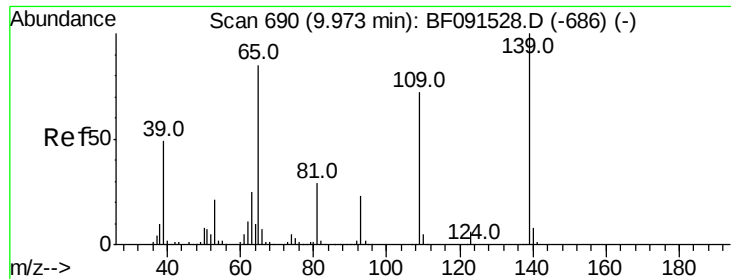
sohil
12/15/2016 5:39:04 PM



#54
Dibenzofuran
Concen: 46.55 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	33.4	50.2
169	13.8	11.1	16.7





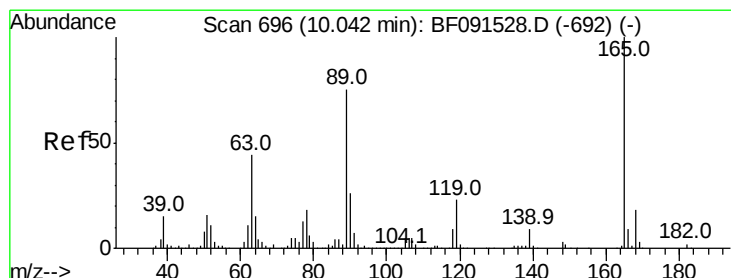
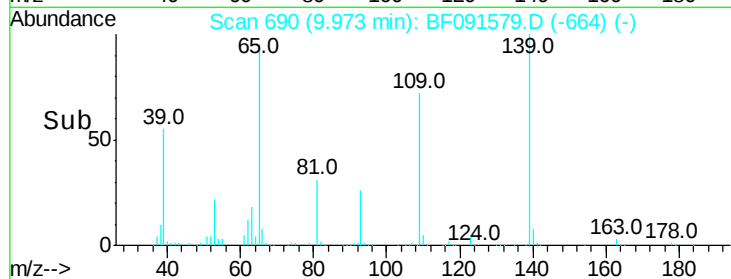
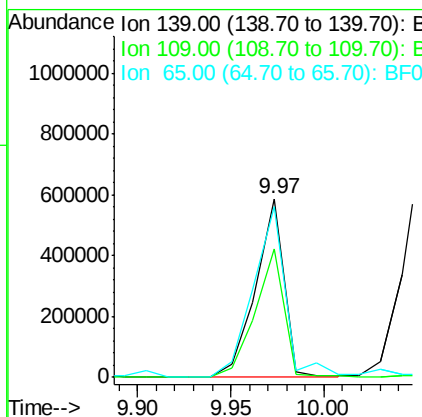
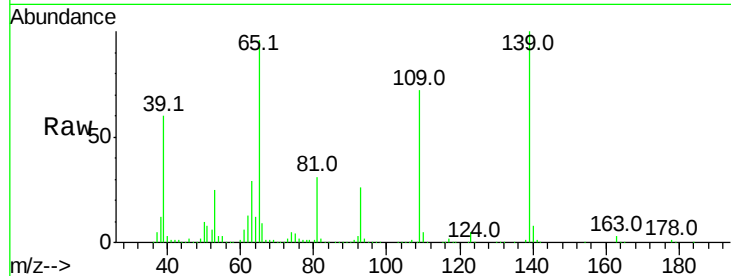
#55
4-Nitrophenol
Concen: 86.21 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.9	54.9	94.9
65	96.0	102.2	142.2#

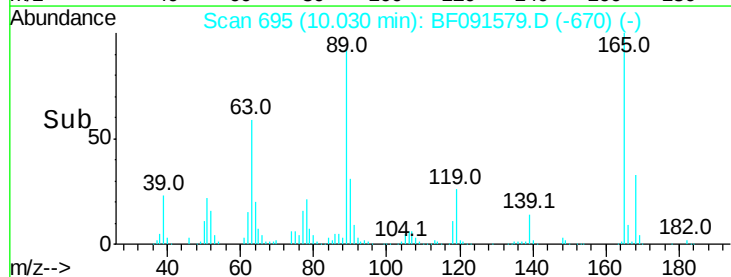
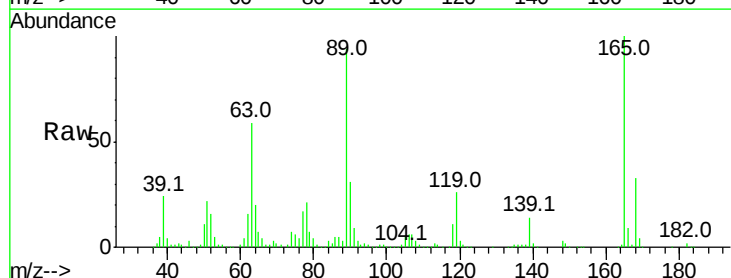
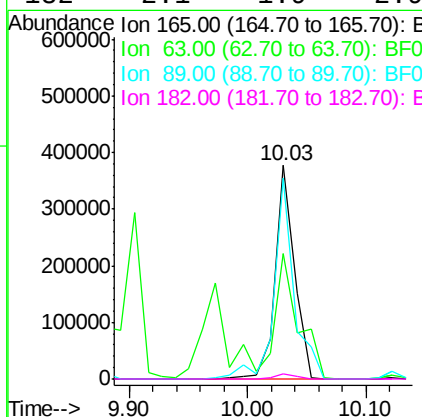
Manual Integrations
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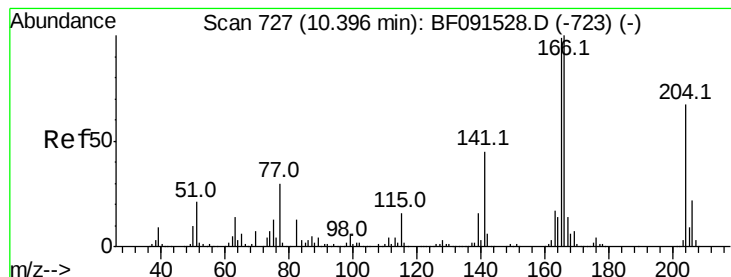
sohil
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#56
2,4-Dinitrotoluene
Concen: 40.79 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.7	29.0	43.4#
89	93.8	43.1	64.7#
182	2.1	1.9	2.9





#57

Fluorene

Concen: 47.72 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion:166 Resp: 1474039

Ion Ratio Lower Upper

166 100

165 97.3 80.0 120.0

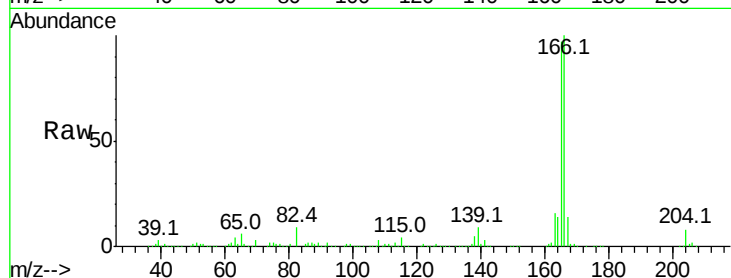
167 13.5 10.8 16.2

Manual Integrations

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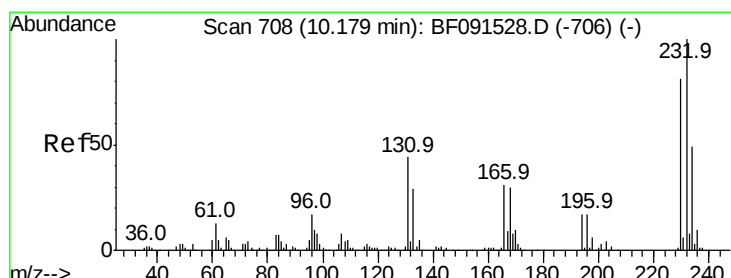
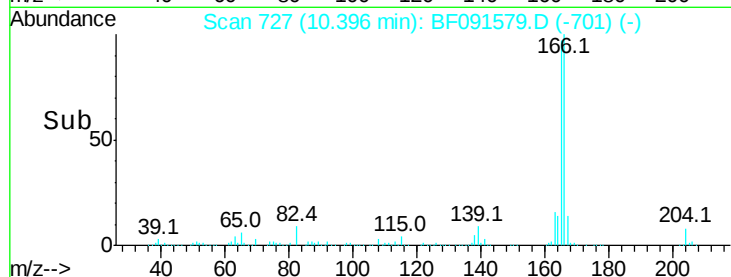
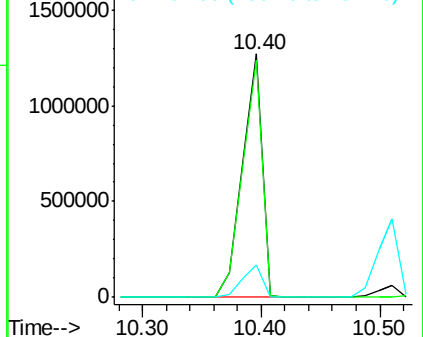
12/15/2016 5:39:04 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.34 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion:232 Resp: 363871

Ion Ratio Lower Upper

232 100

131 53.5 38.4 57.6

130 2.5 1.8 2.8

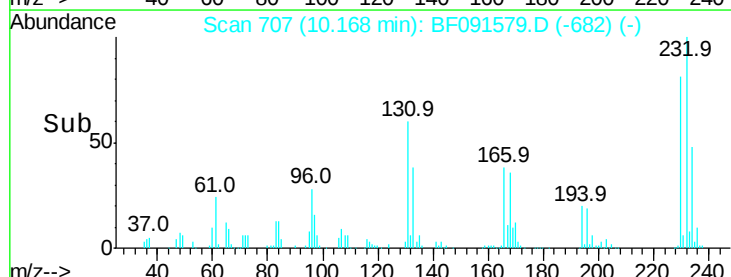
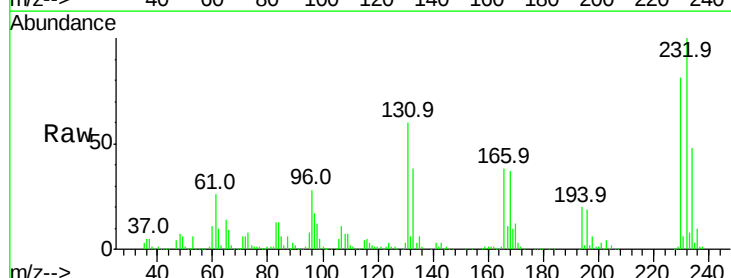
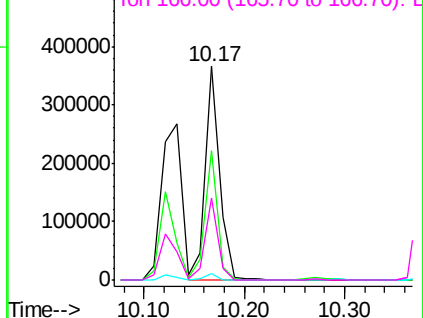
166 33.7 23.9 35.9

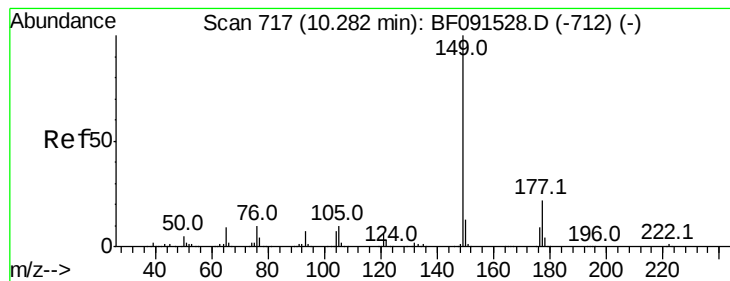
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.82 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion:149 Resp: 1473856

Ion Ratio Lower Upper

149 100

177 21.2 15.7 23.5

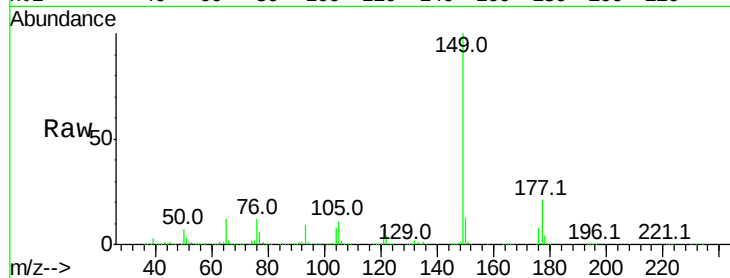
150 12.9 10.2 15.2

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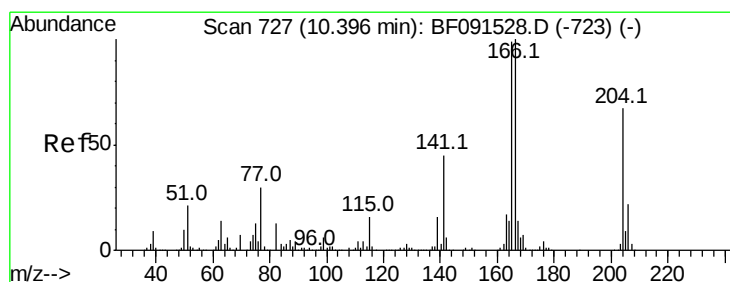
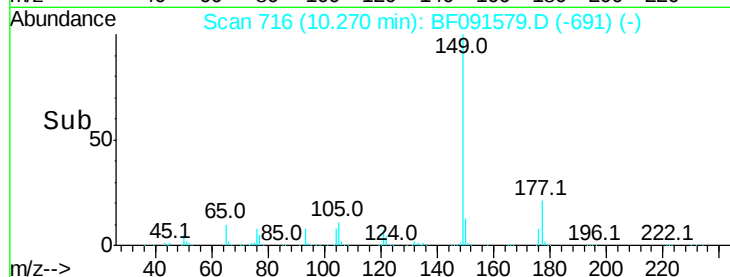
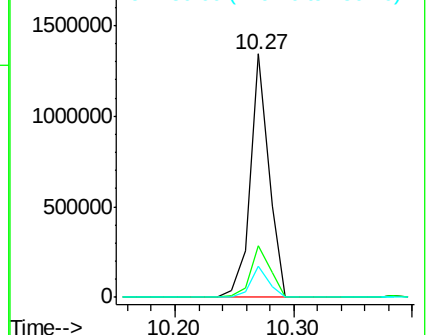
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.53 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

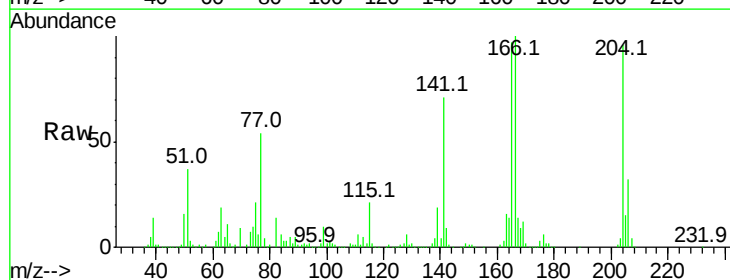
Tgt Ion:204 Resp: 618282

Ion Ratio Lower Upper

204 100

206 33.7 26.1 39.1

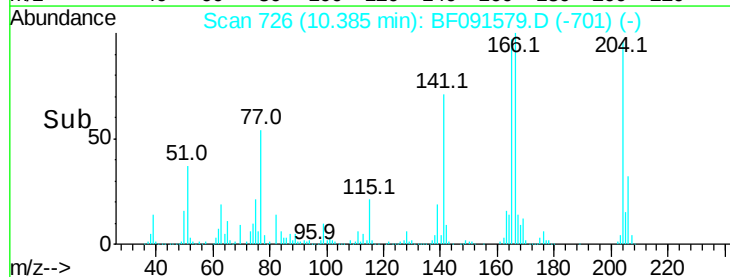
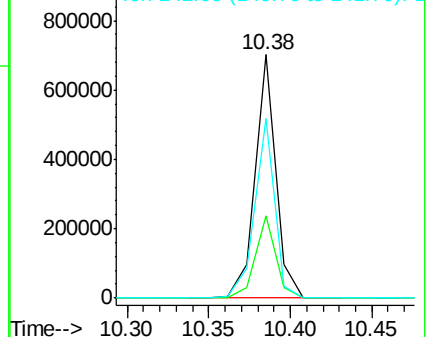
141 73.8 40.6 61.0#

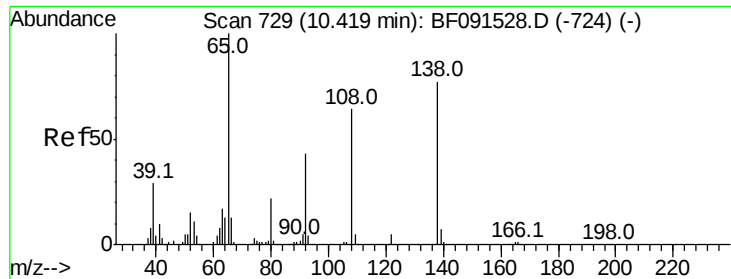


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





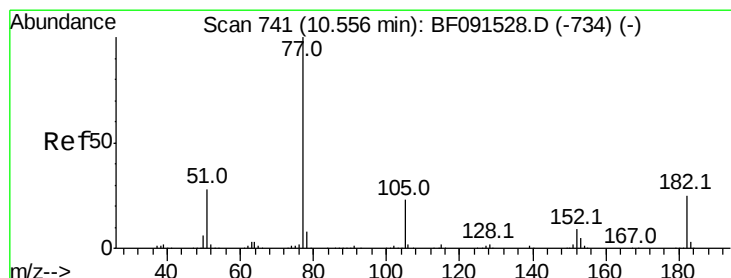
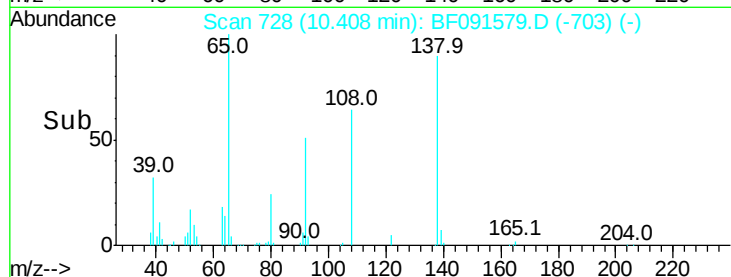
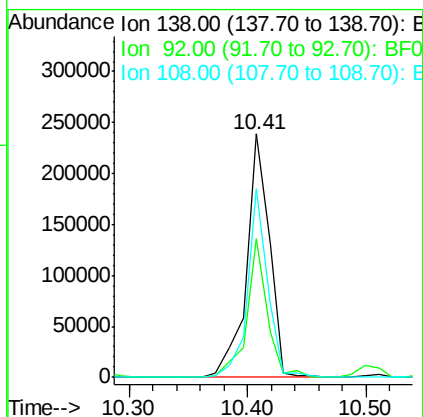
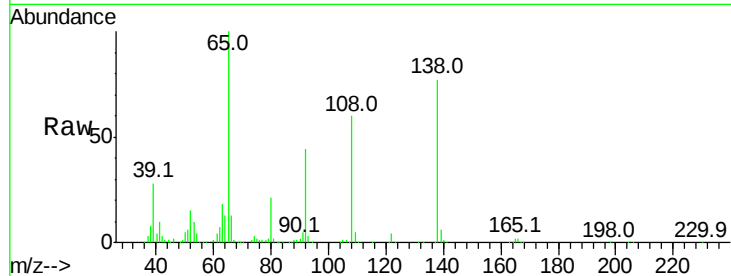
#61
4-Nitroaniline
Concen: 33.62 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.9	26.9	66.9
108	77.3	49.1	89.1

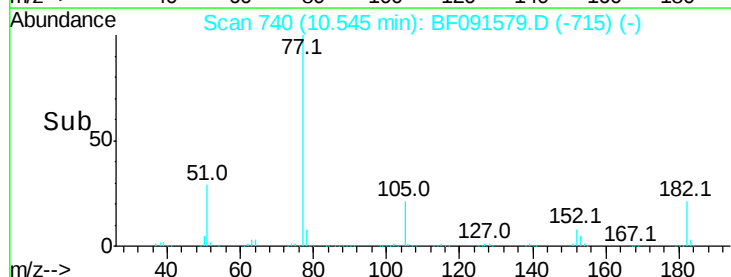
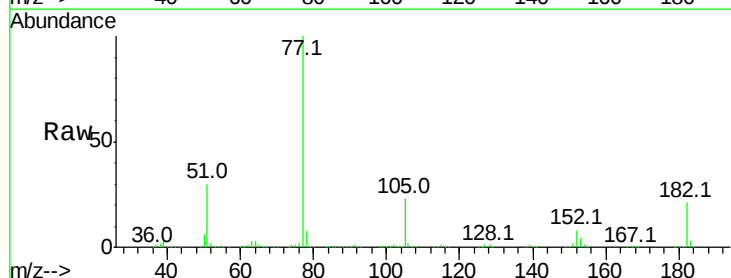
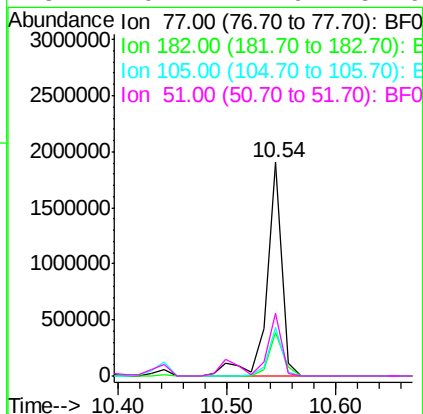
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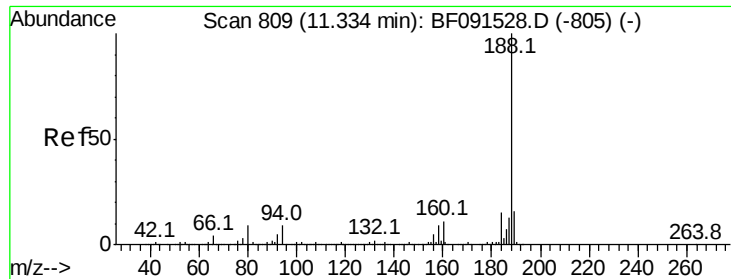
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#62
Azobenzene
Concen: 45.40 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	12.5	52.5
105	22.7	3.7	43.7
51	29.7	11.9	51.9





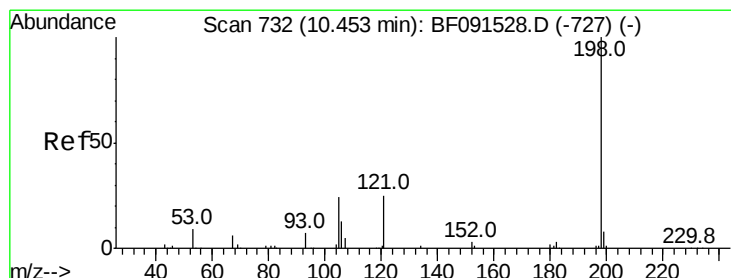
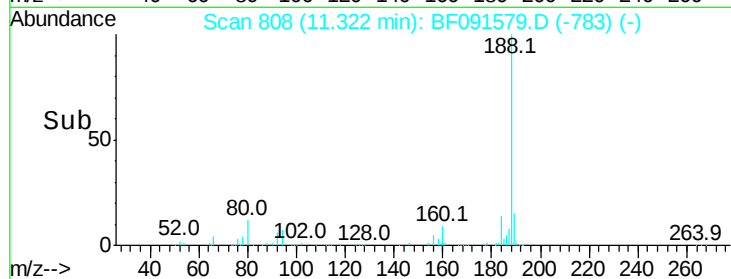
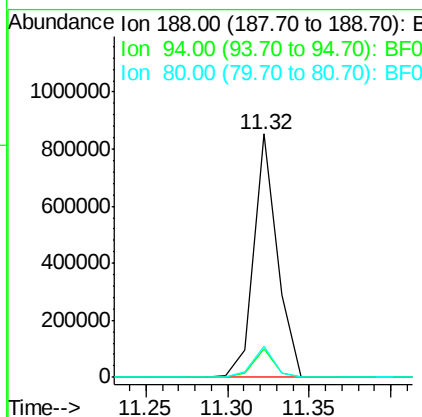
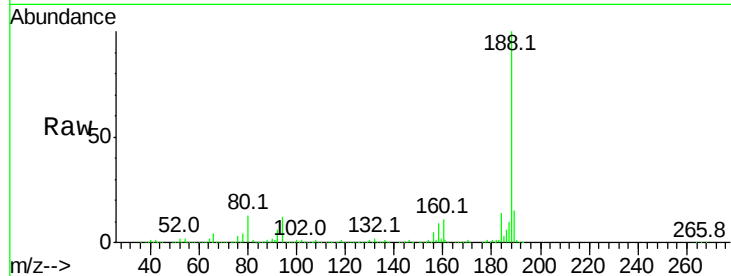
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampled :
PB95306BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.5	9.2	13.8
80	12.5	10.5	15.7

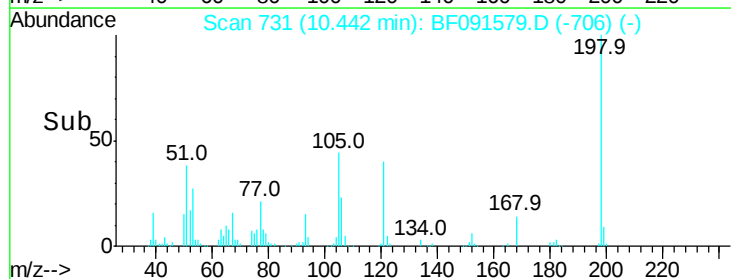
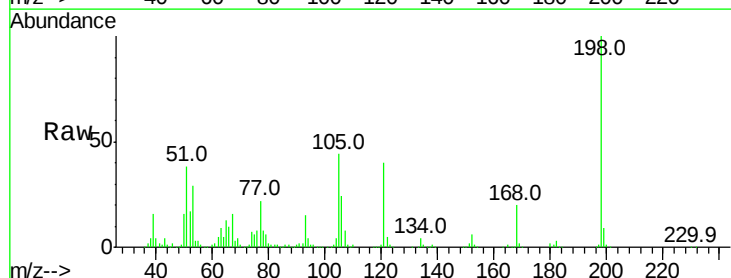
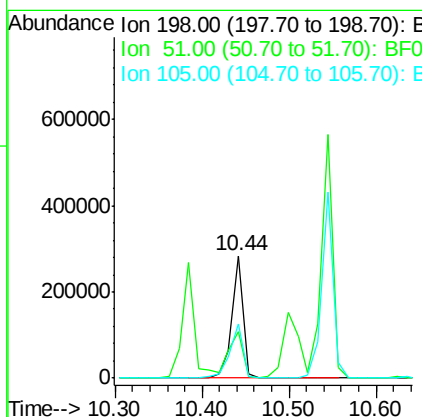
Manual Integrations
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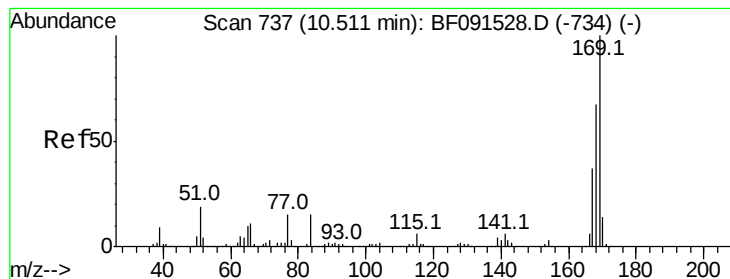
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.25 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	37.6	77.1	117.1#
105	44.1	44.8	84.8#





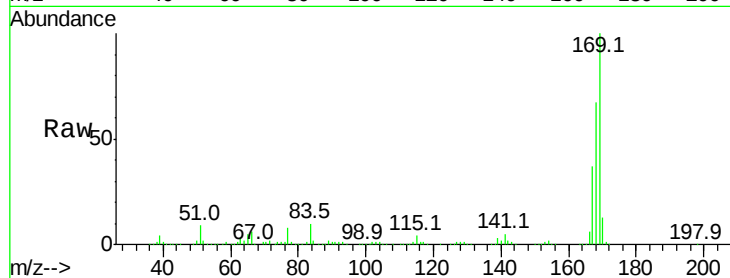
#65
n-Nitrosodiphenylamine
Concen: 51.67 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

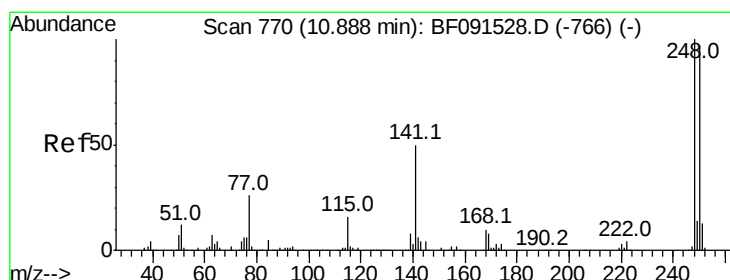
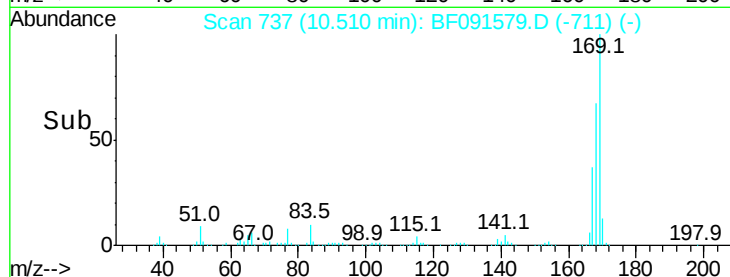
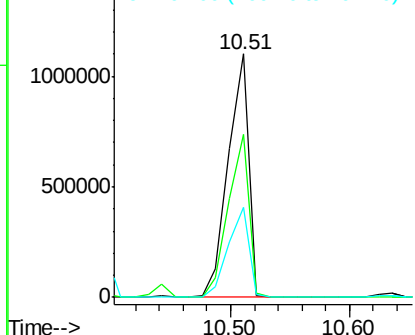
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.8
167	37.1	29.8	44.8

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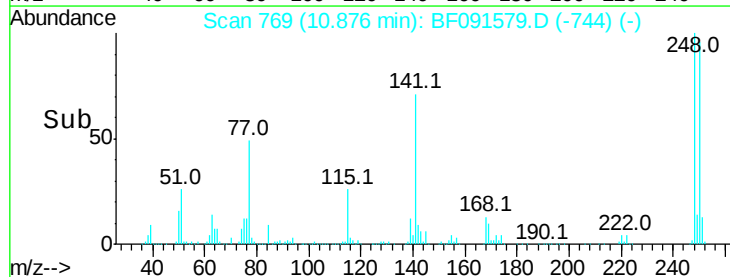
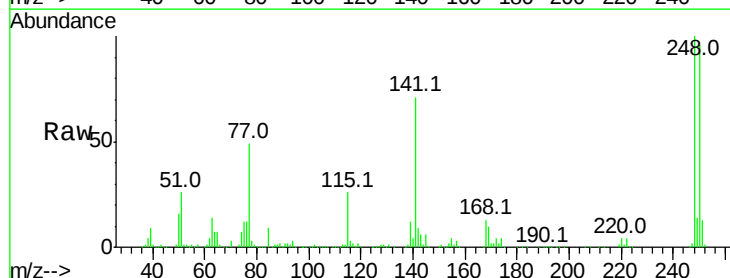
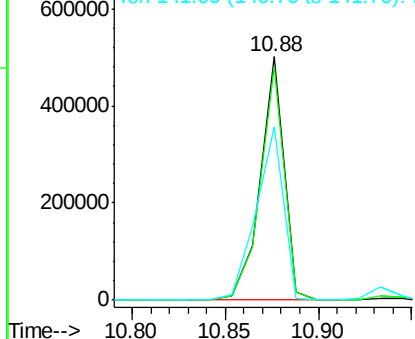
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

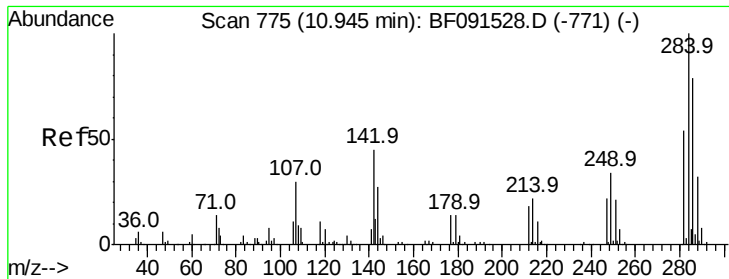


#66
4-Bromophenyl-phenylether
Concen: 50.02 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	78.2	117.4
141	71.4	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: 47.28 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

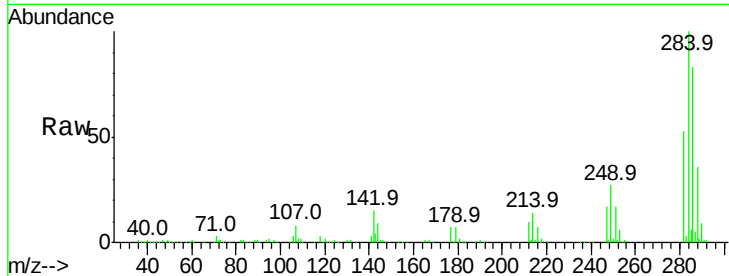
ClientSampleId :

PB95306BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	15.2	17.9	26.9#	
249	26.8	23.6	35.4	

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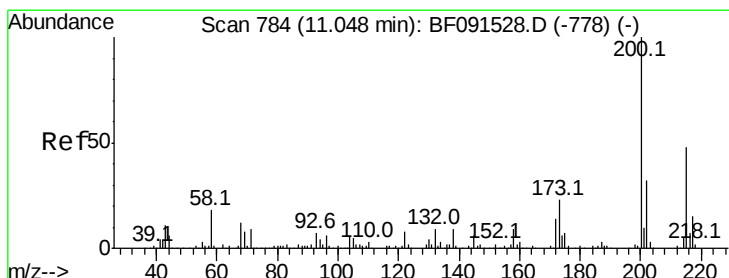
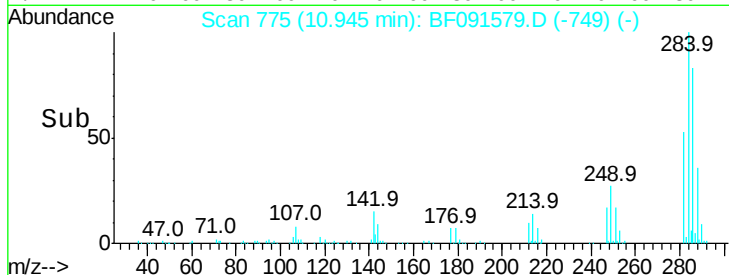
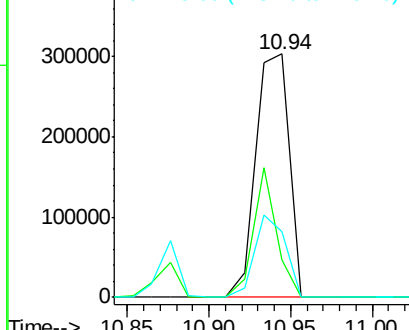
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.70 ng

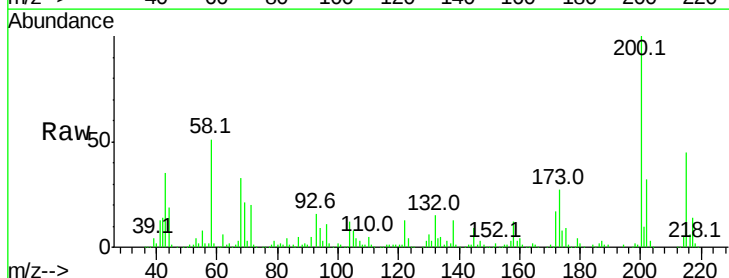
RT: 11.04 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

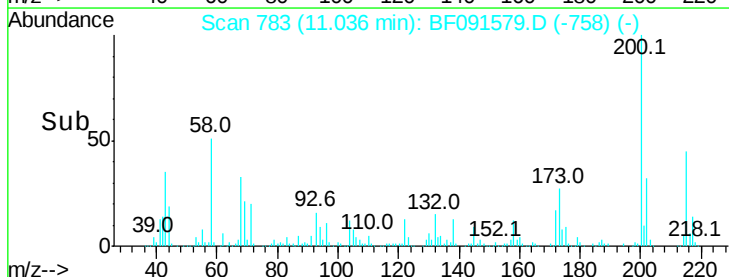
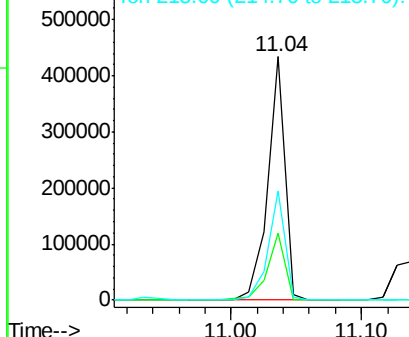
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.3	7.8	47.8	
215	45.0	24.3	64.3	

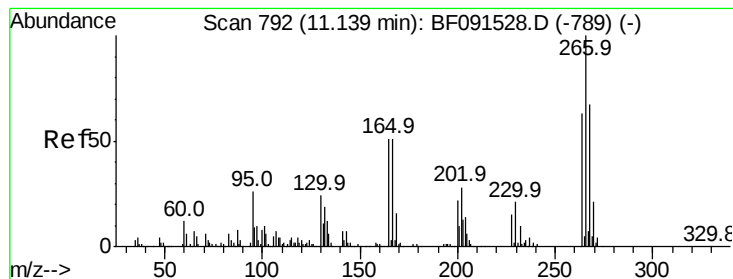


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 98.09 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

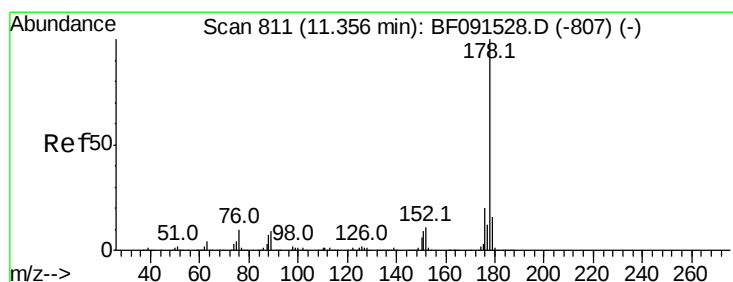
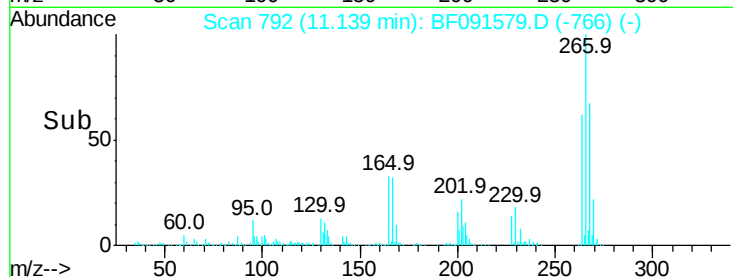
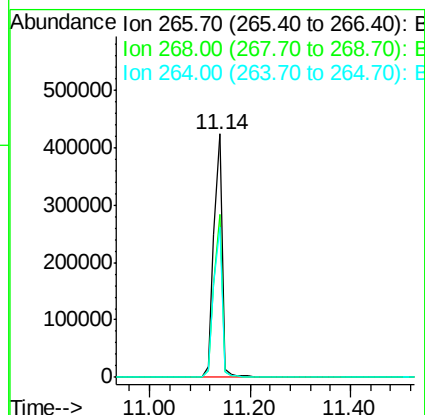
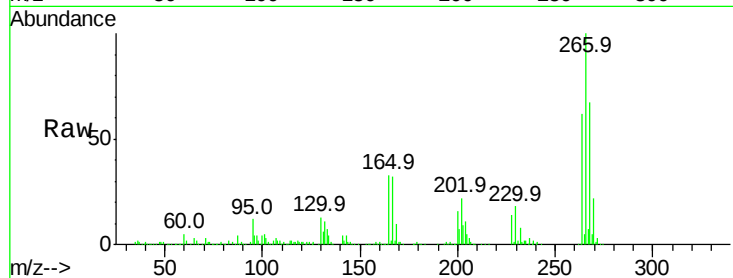
ClientSampled :

PB95306BS

Tot Ion:	266	Resp:	503540
Ion Ratio	Lower	Upper	
266	100		
268	66.8	50.3	75.5
264	61.8	48.2	72.2

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#70

Phenanthrene

Concen: 48.21 ng

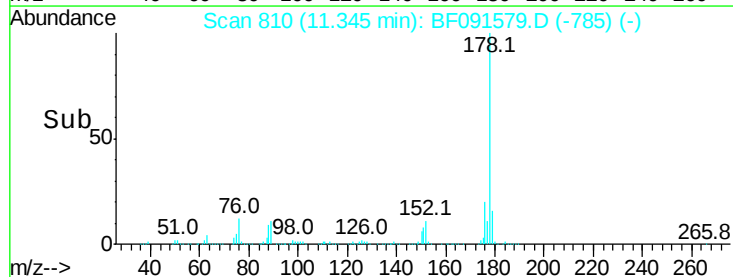
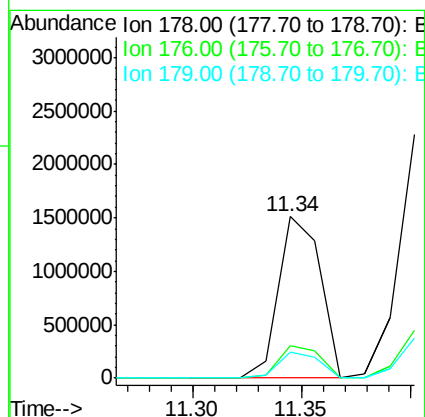
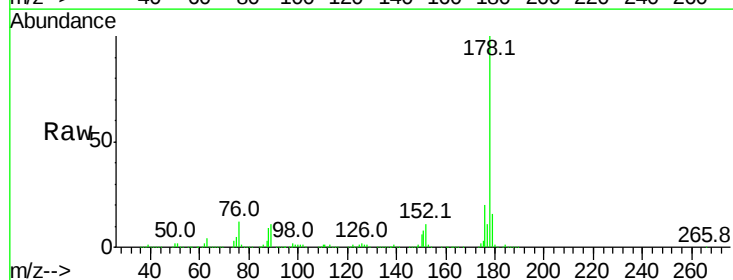
RT: 11.34 min Scan# 810

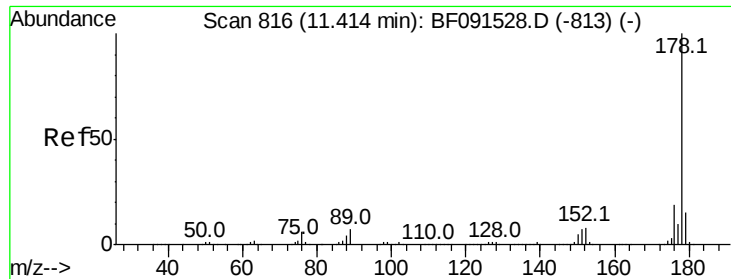
Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion:	178	Resp:	2042725
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	16.0	12.6	18.8





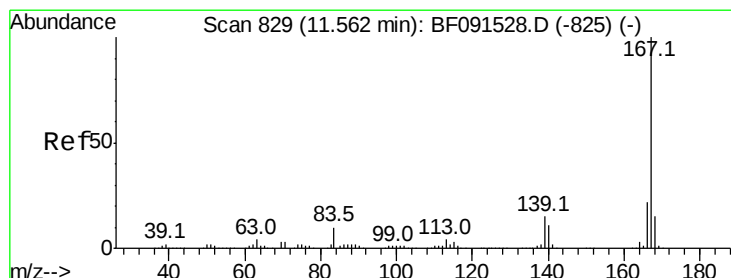
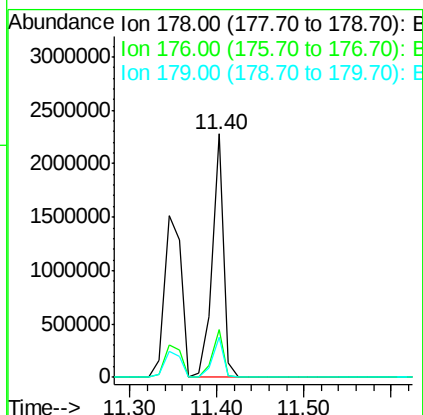
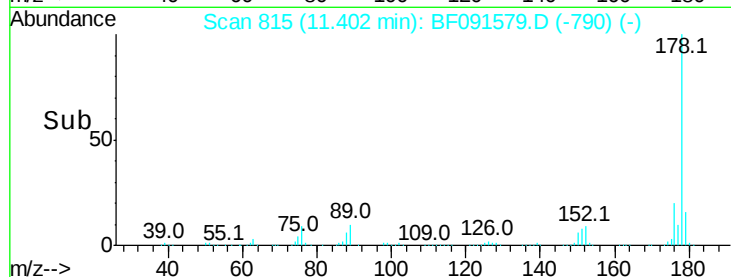
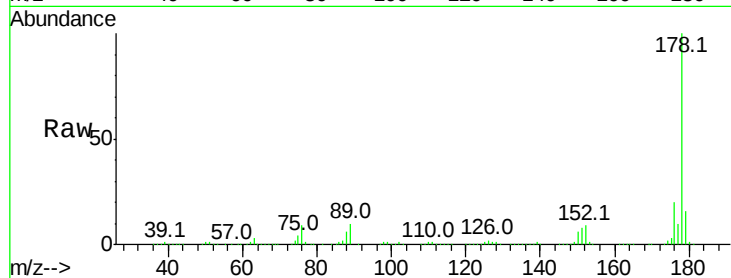
#71
 Anthracene
 Concen: 45.51 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BS

Tot Ion:178 Resp: 2079977
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 16.2 12.7 19.1

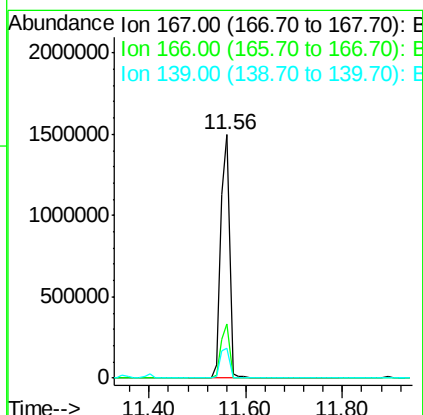
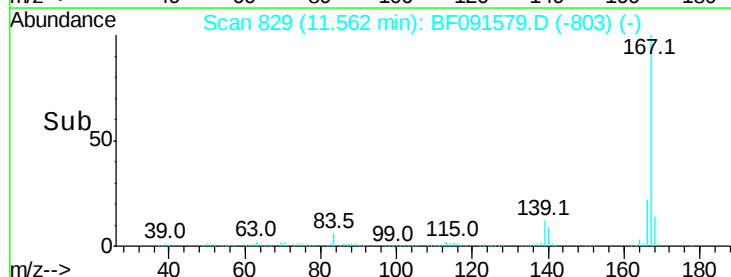
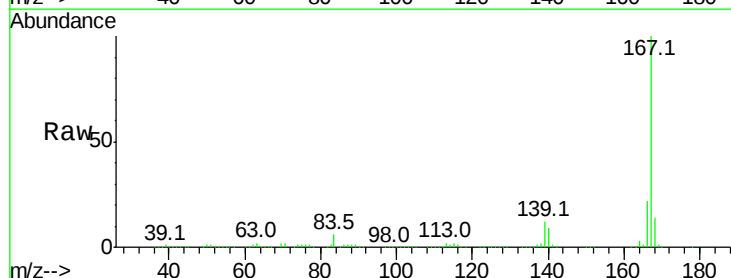
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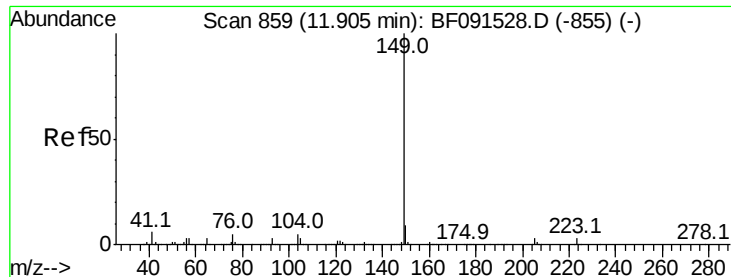
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#72
 Carbazole
 Concen: 47.84 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion:167 Resp: 1916208
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.3 11.5 17.3





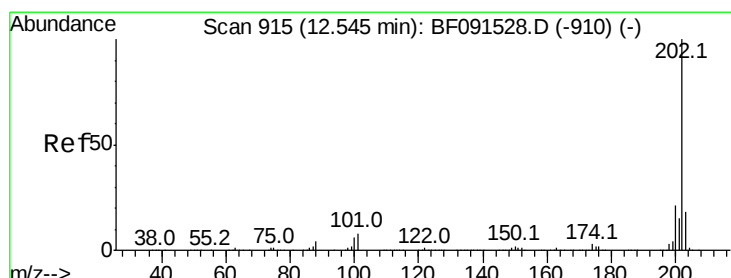
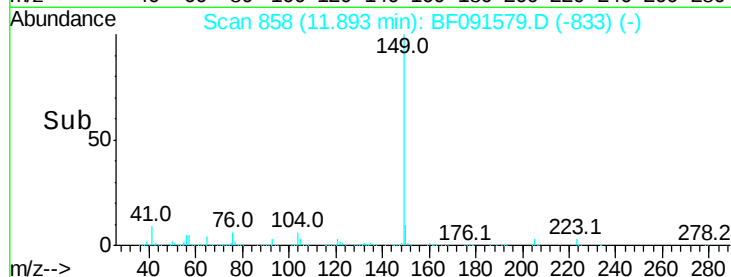
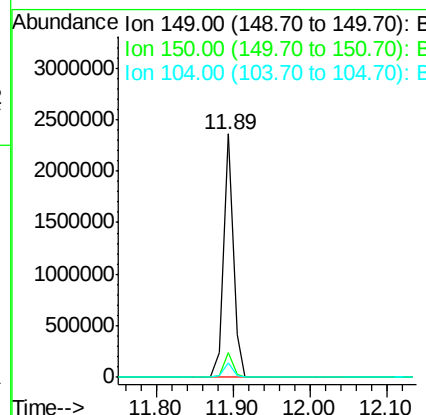
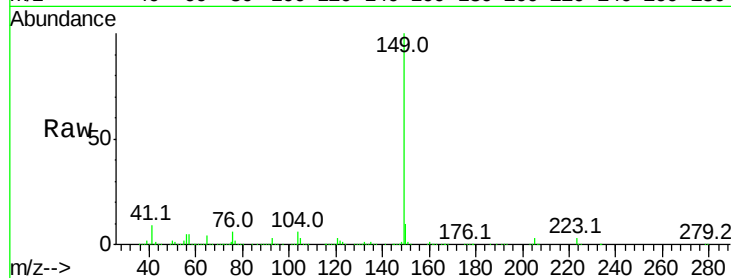
#73
Di-n-butylphthalate
Concen: 44.46 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion:149 Resp: 2075169
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 5.8 4.0 6.0

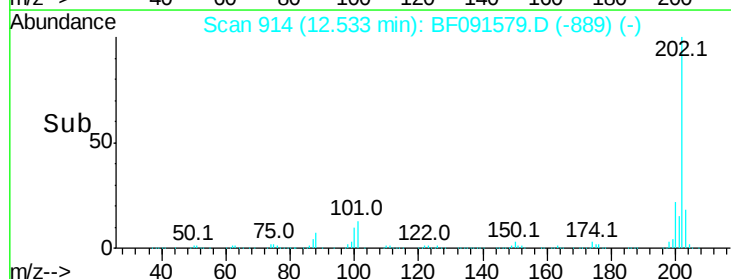
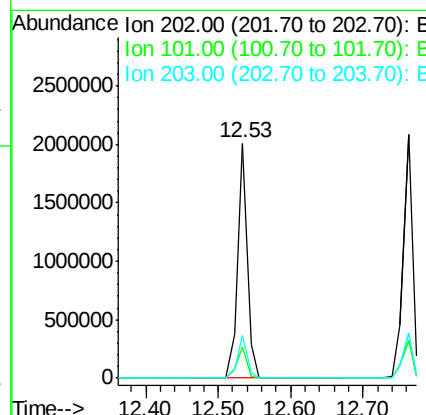
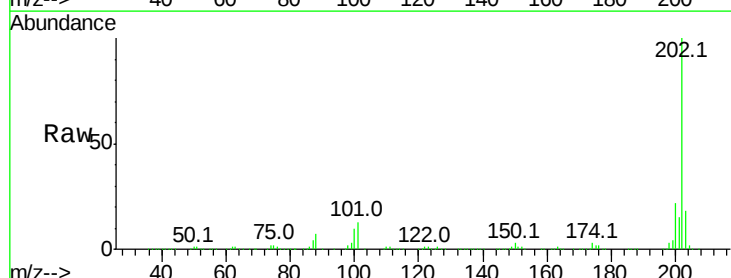
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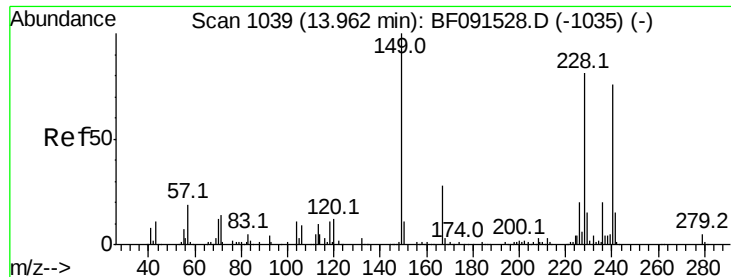
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#74
Fluoranthene
Concen: 41.92 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion:202 Resp: 1859524
Ion Ratio Lower Upper
202 100
101 13.4 0.0 29.5
203 18.2 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: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

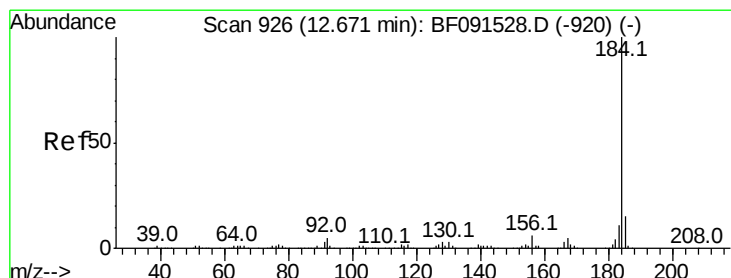
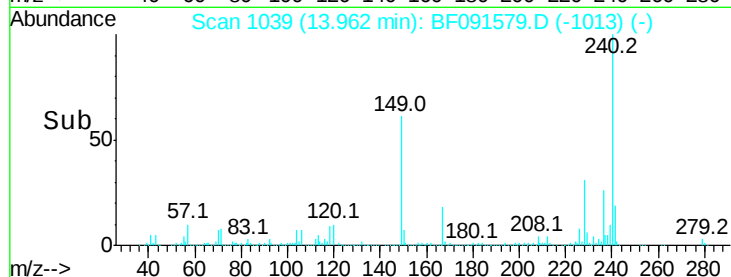
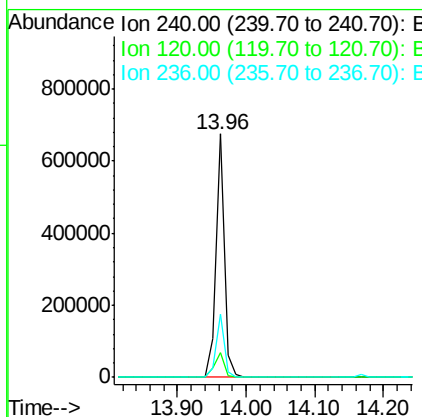
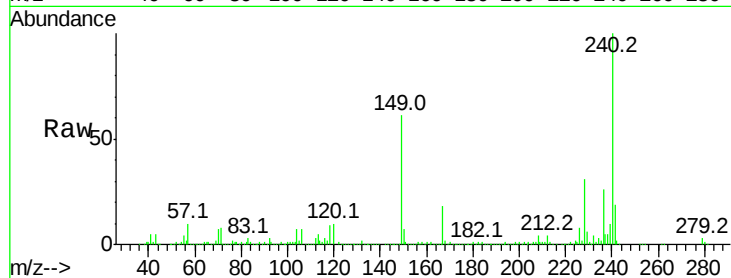
ClientSampleId :

PB95306BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.1	18.1#
236	25.8	21.0	31.6

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#76

Benzidine

Concen: 29.22 ng

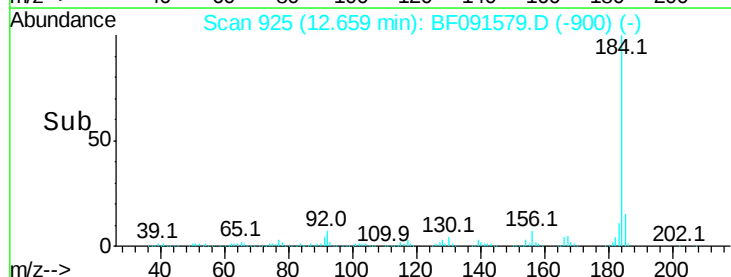
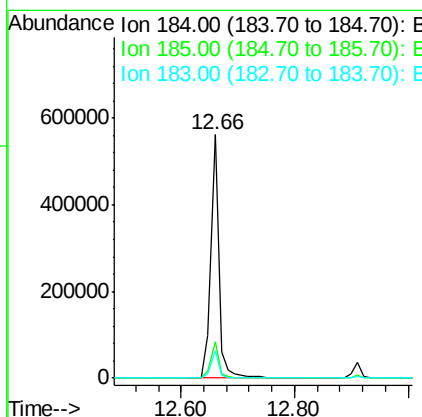
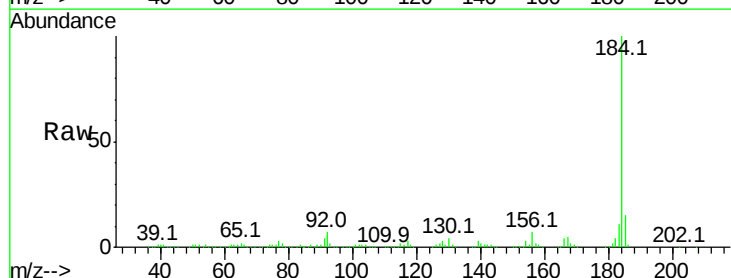
RT: 12.66 min Scan# 925

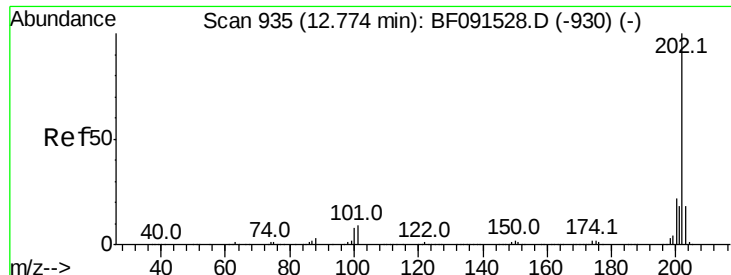
Delta R.T. -0.01 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.1	19.7
183	11.3	8.9	13.3





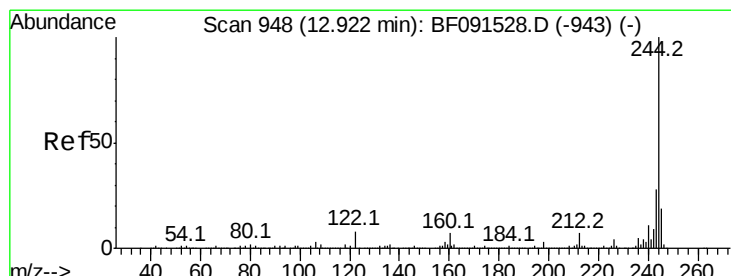
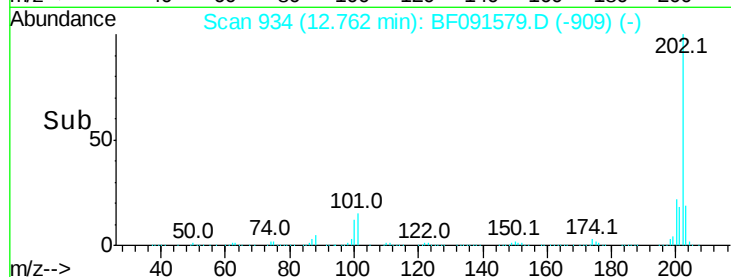
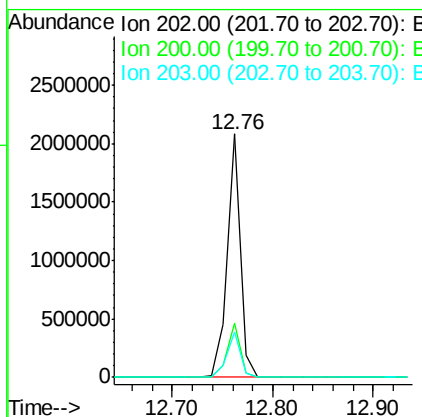
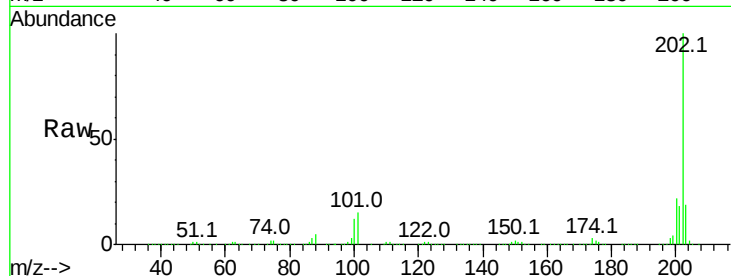
#77
Pvrene
Concen: 40.23 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.6	14.0	21.0

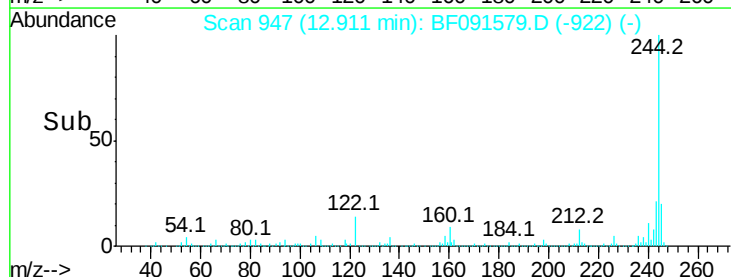
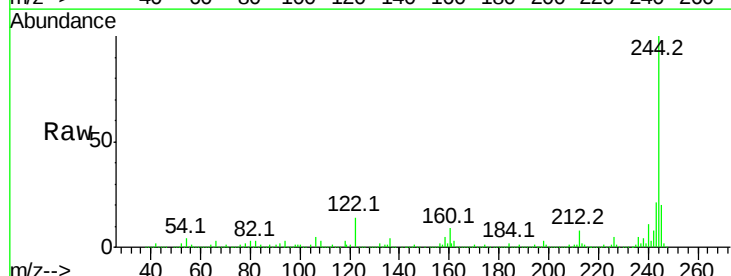
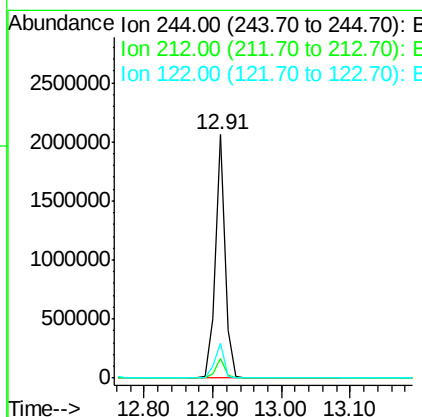
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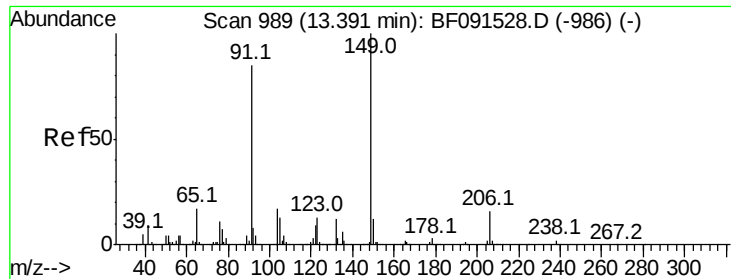
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#78
Terphenyl-d14
Concen: 78.82 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	14.2	9.5	14.3





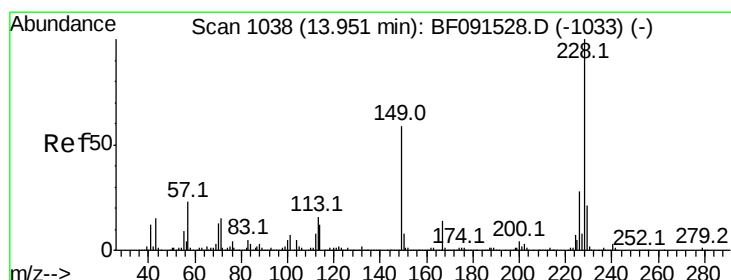
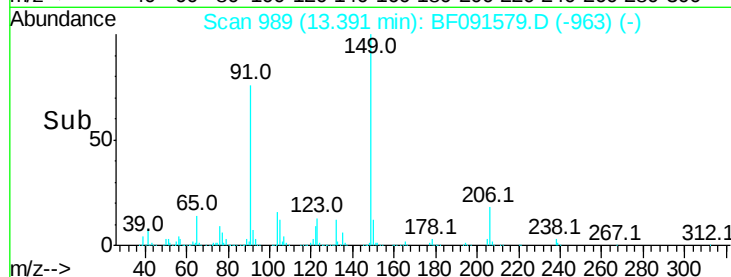
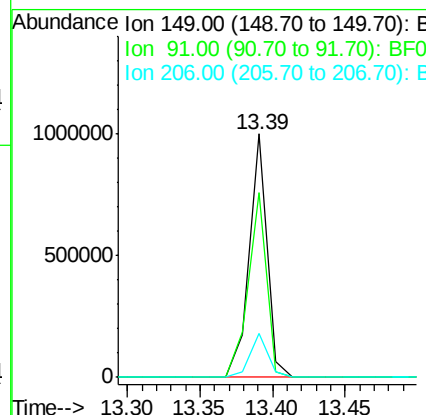
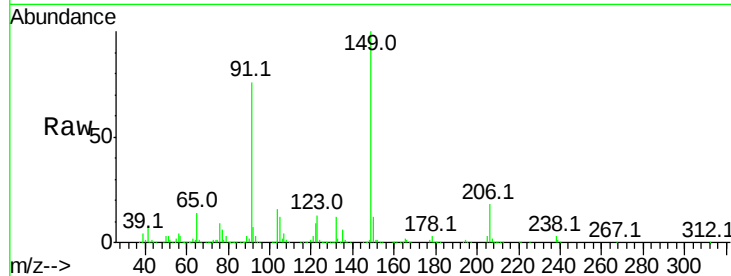
#79
Butylbenzylphthalate
Concen: 46.57 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampled :
PB95306BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.8	57.4	86.2
206	18.0	15.4	23.2

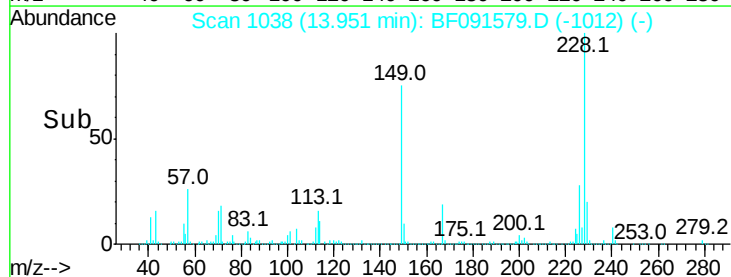
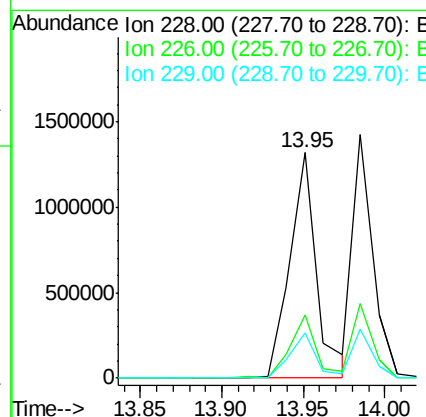
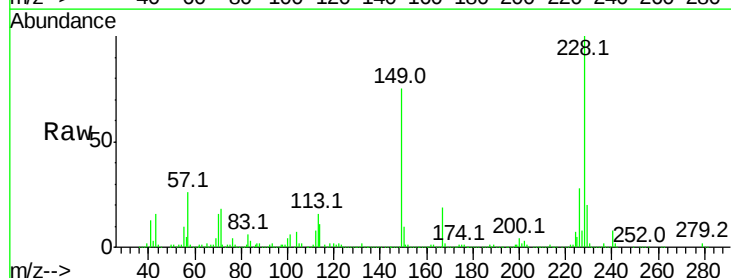
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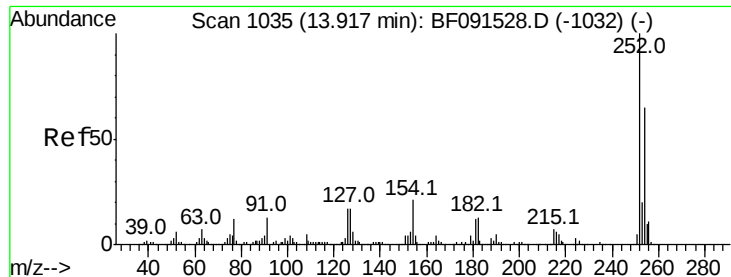
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#80
Benzo(a)anthracene
Concen: 43.87 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.1	16.4	24.6





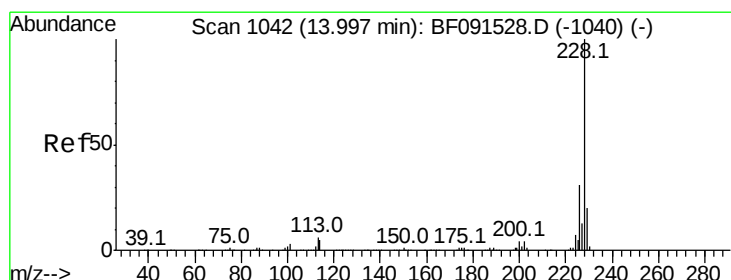
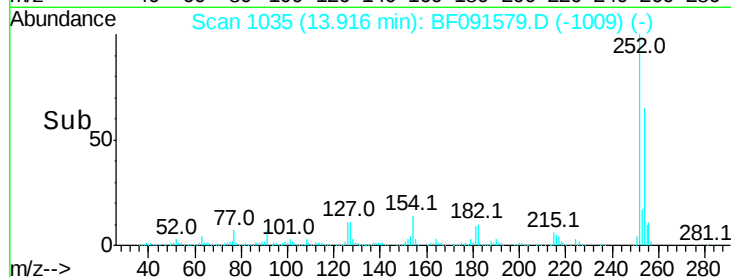
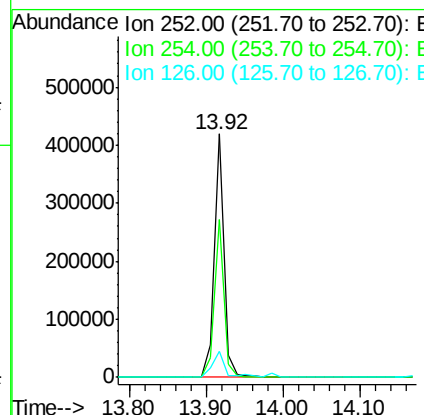
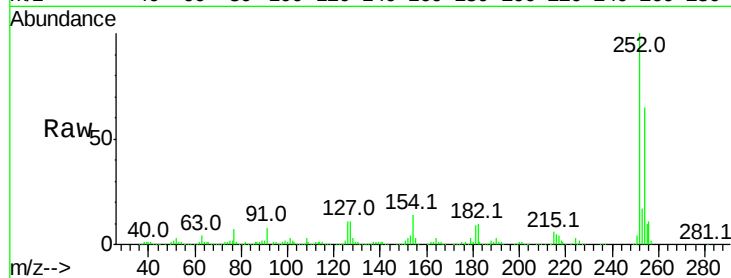
#81
 3,3'-Dichlorobenzidine
 Concen: 29.45 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampled :
 PB95306BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	10.9	7.5	11.3

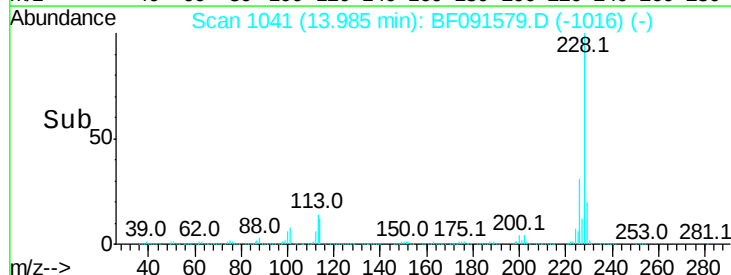
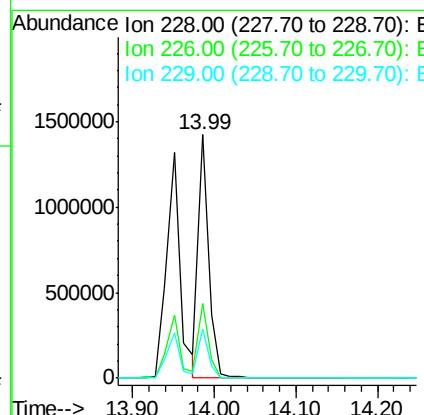
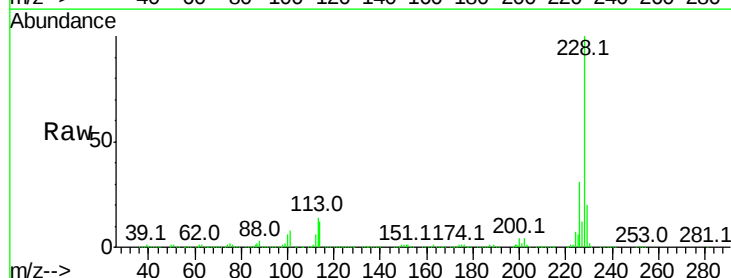
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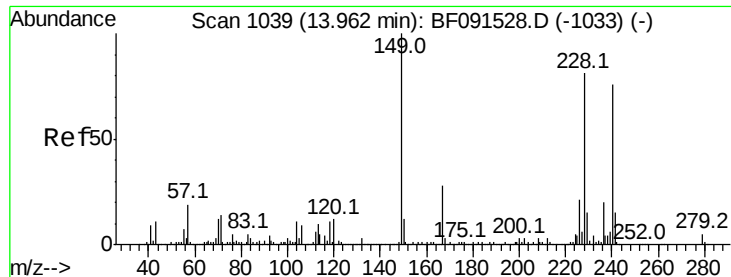
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#82
 Chrysene
 Concen: 35.16 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.3	16.0	24.0





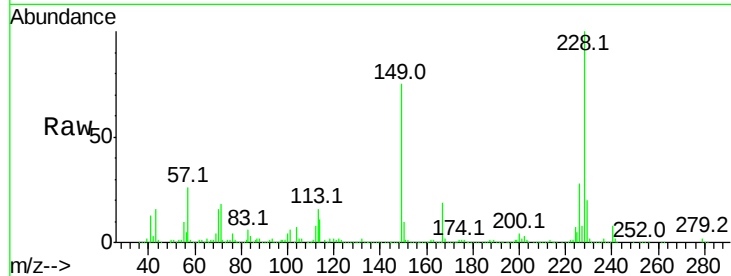
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.02 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampled :
 PB95306BS

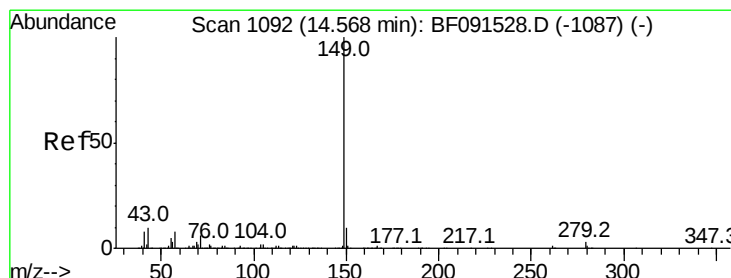
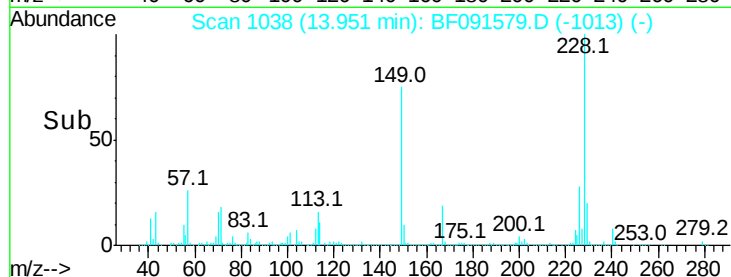
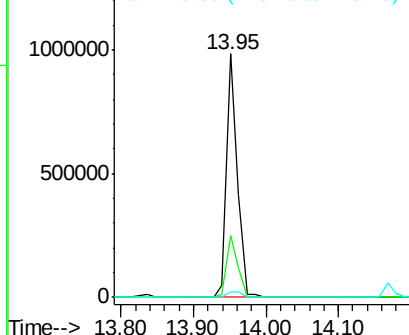
Tot Ion:149 Resp: 1012761
 Ion Ratio Lower Upper
 149 100
 167 25.3 19.6 29.4
 279 2.2 1.9 2.9

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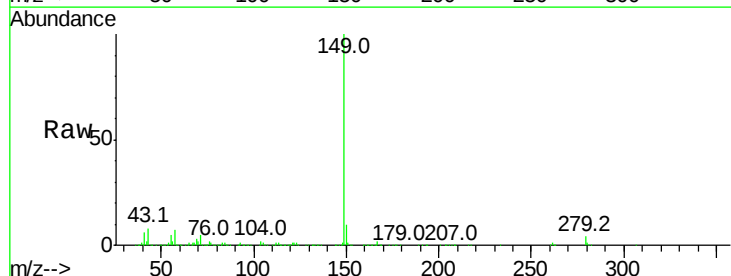


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

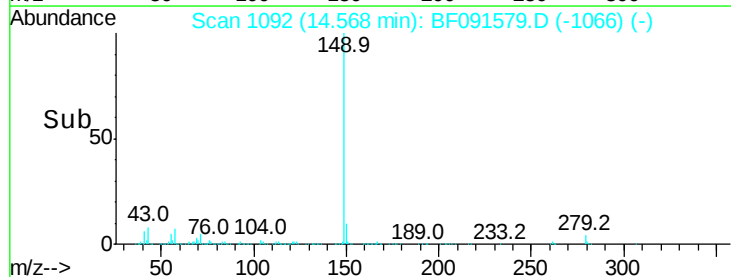
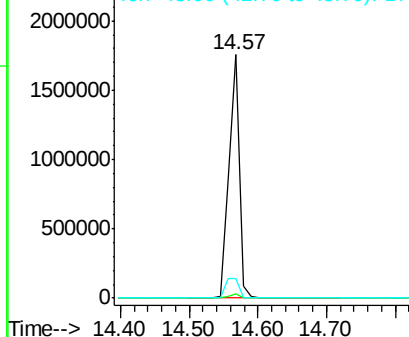


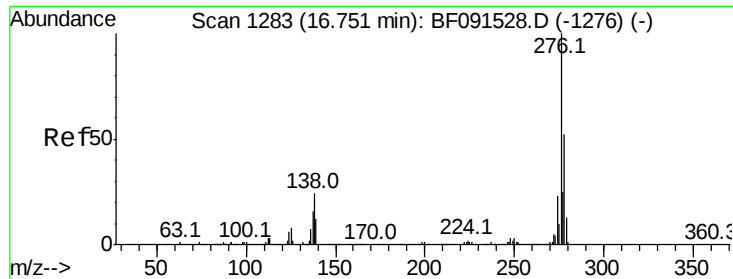
#84
 Di-n-octyl phthalate
 Concen: 47.02 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Tgt Ion:149 Resp: 1878766
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.7 11.9 17.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





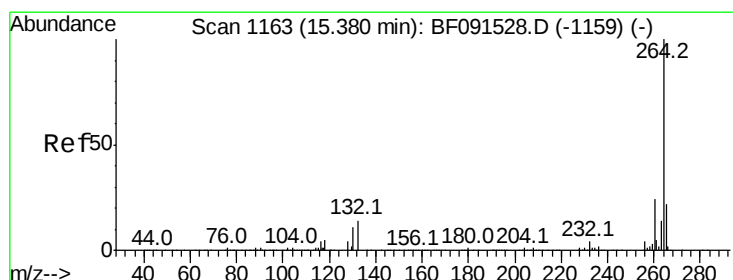
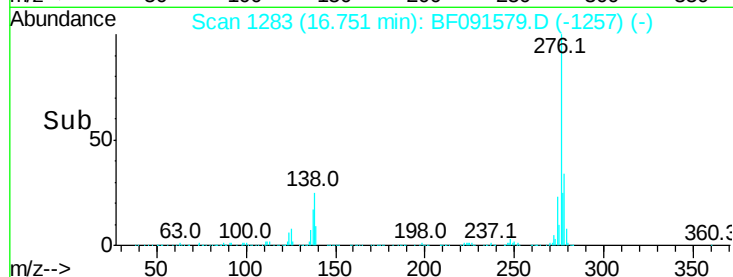
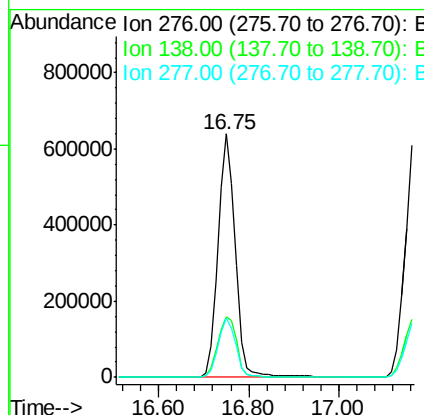
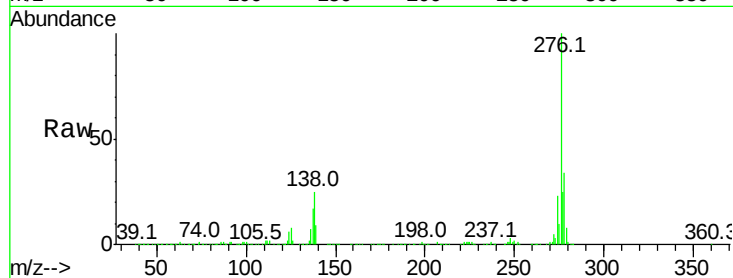
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.81 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampleId :
PB95306BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.0	31.4
277	25.0	20.2	30.2

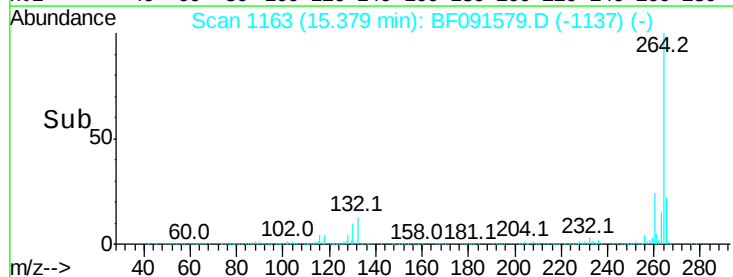
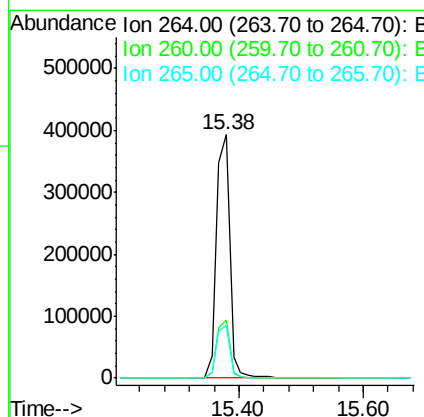
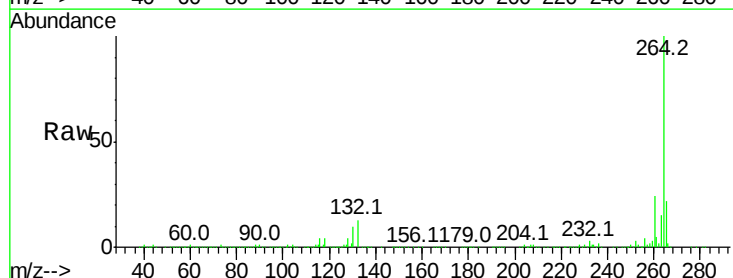
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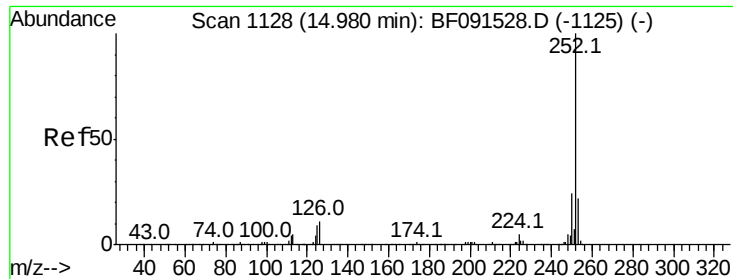
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.6	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 48.04 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

Instrument :

BNA_F

ClientSampleId :

PB95306BS

Tot Ion:252 Resp: 1651367

Ion Ratio Lower Upper

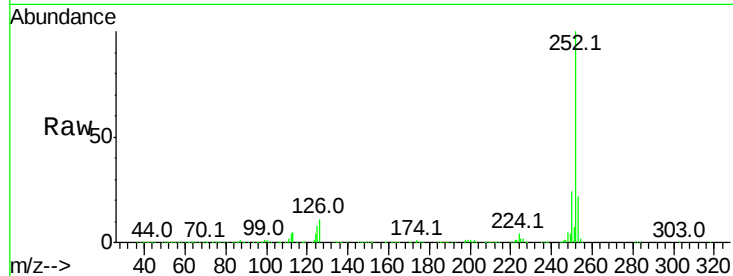
252 100

253 22.3 18.2 27.2

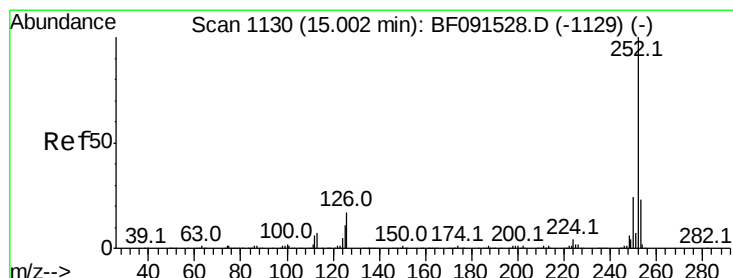
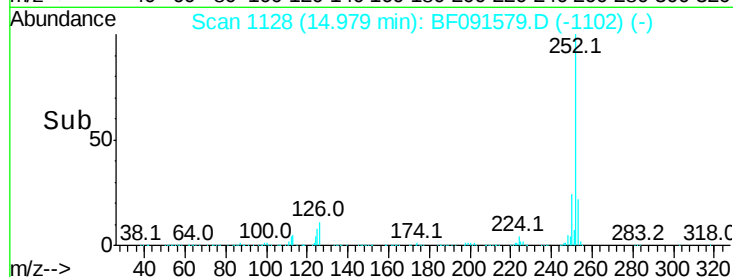
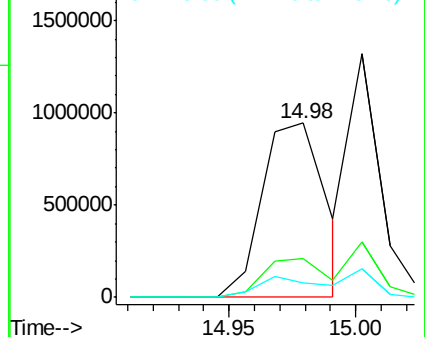
125 8.1 8.6 13.0#

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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: 37.95 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF091579.D

Acq: 14 Dec 2016 11:54

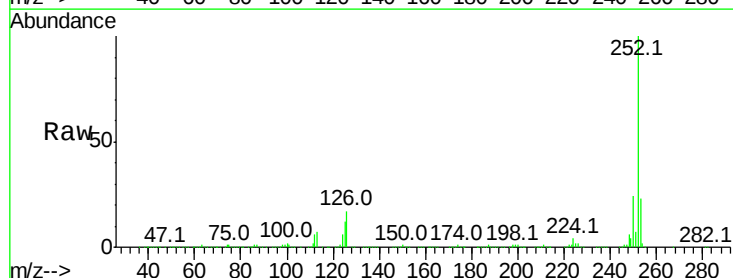
Tgt Ion:252 Resp: 1146774

Ion Ratio Lower Upper

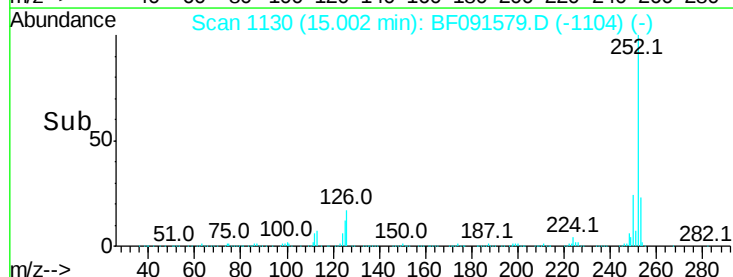
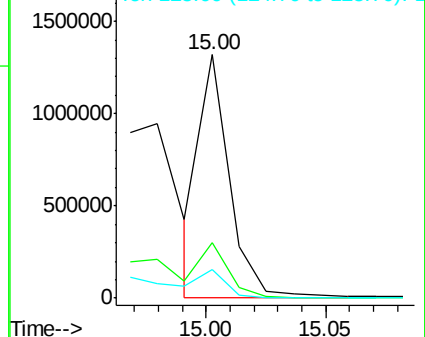
252 100

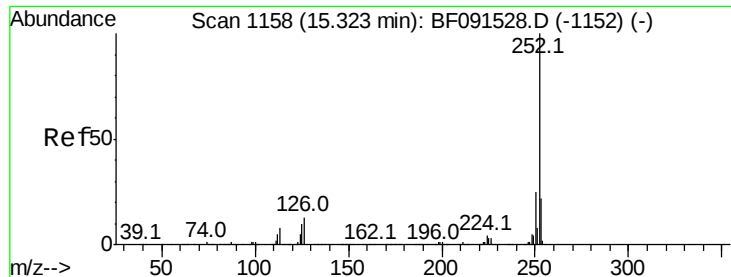
253 23.0 17.8 26.8

125 11.7 9.6 14.4



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





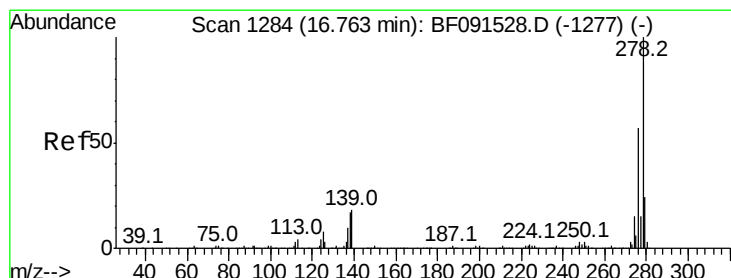
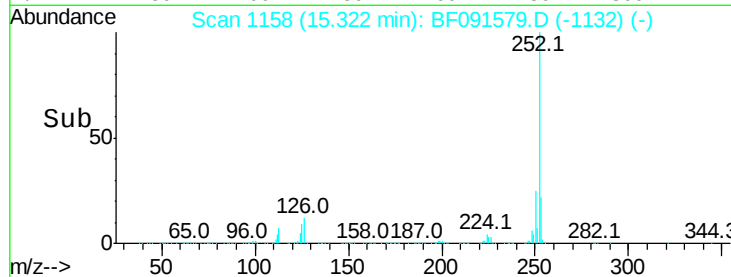
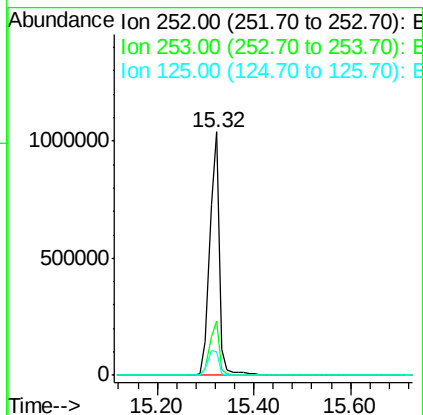
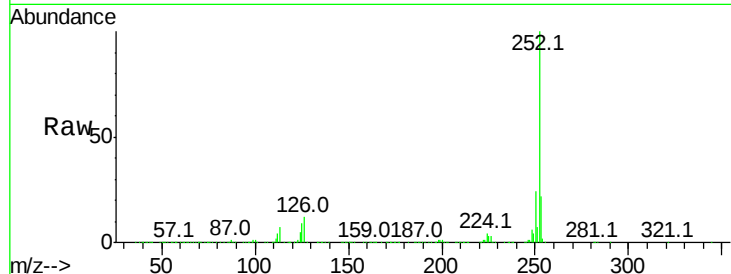
#89
Benzo(a)pyrene
Concen: 46.65 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Instrument :
BNA_F
ClientSampled :
PB95306BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.4	10.4	15.6

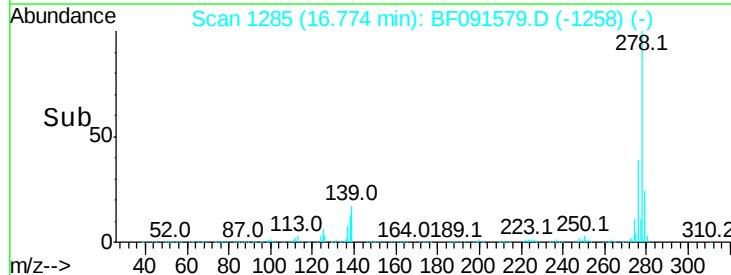
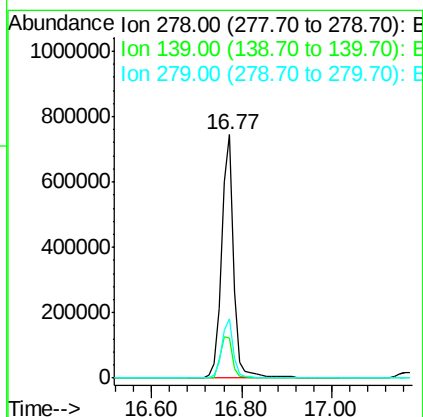
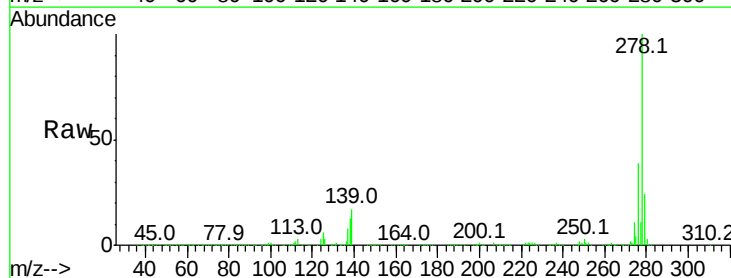
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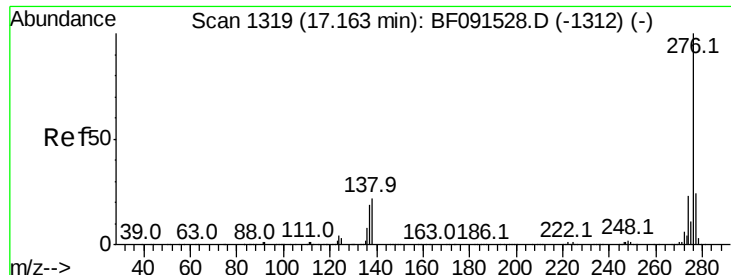
sohil
12/15/2016 5:39:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.26 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF091579.D
Acq: 14 Dec 2016 11:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.1	22.7
279	24.4	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 53.22 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF091579.D
 Acq: 14 Dec 2016 11:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95306BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	24.8	15.4	23.0

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