

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097479.D
 Acq On : 8 Aug 2017 20:16
 Operator : SJ/JU
 Sample : PB101345BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:27 PM

Quant Time: Aug 09 16:24:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	96317	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	404178	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	197455	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	324732	20.00	ng	0.00
75) Chrysene-d12	13.53	240	196069	20.00	ng	0.00
86) Perylene-d12	14.87	264	192377	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.01	112	812809	127.22	ng	0.00
7) Phenol-d6	6.09	99	899157	123.27	ng	0.00
23) Nitrobenzene-d5	6.98	82	603779	87.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	191754	122.91	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	994209	85.45	ng	0.00
78) Terphenyl-d14	12.49	244	780942	81.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	116455	43.677	ng	# 71
3) Pyridine	2.57	79	320600	39.268	ng	# 60
4) n-Nitrosodimethylamine	2.53	42	204924	45.306	ng	# 79
6) Aniline	6.07	93	283178	30.851	ng	# 87
8) 2-Chlorophenol	6.20	128	283345	41.474	ng	96
9) Benzaldehyde	5.95	77	128089	29.668	ng	91
10) Phenol	6.10	94	357630	41.336	ng	95
11) bis(2-Chloroethyl)ether	6.16	93	262854	38.413	ng	90
12) 1,3-Dichlorobenzene	6.35	146	309460	42.032	ng	99
13) 1,4-Dichlorobenzene	6.42	146	315771	43.278	ng	95
14) 1,2-Dichlorobenzene	6.57	146	265898	41.737	ng	99
15) Benzyl Alcohol	6.57	79	232181	50.277	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.70	45	547295	39.876	ng	54
17) 2-Methylphenol	6.70	107	226959	43.044	ng	# 87
18) Hexachloroethane	6.91	117	116329	43.580	ng	# 82
19) n-Nitroso-di-n-propylamine	6.85	70	224815	46.825	ng	# 83
20) 3+4-Methylphenols	6.86	107	340953	49.509	ng	# 61
22) Acetophenone	6.83	105	441998	45.538	ng	97
24) Nitrobenzene	7.00	77	321542	44.811	ng	96
25) Isophorone	7.25	82	565721	41.928	ng	97
26) 2-Nitrophenol	7.32	139	168466	43.396	ng	# 84
27) 2,4-Dimethylphenol	7.37	122	265183	41.410	ng	99
28) bis(2-Chloroethoxy)methane	7.46	93	350745	39.834	ng	99
29) 2,4-Dichlorophenol	7.57	162	256559	46.505	ng	94
30) 1,2,4-Trichlorobenzene	7.64	180	227977	43.354	ng	98
31) Naphthalene	7.71	128	819397	43.007	ng	99
32) Benzoic acid	7.56	122	193170	40.396	ng	94
33) 4-Chloroaniline	7.78	127	183493	23.669	ng	96
34) Hexachlorobutadiene	7.83	225	114277	40.993	ng	98
35) Caprolactam	8.16	113	87212m	49.300	ng	
36) 4-Chloro-3-methylphenol	8.29	107	285297	47.402	ng	89
37) 2-Methylnaphthalene	8.40	142	600956	49.818	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	215686	40.938	ng	99
40) Hexachlorocyclopentadiene	8.56	237	105100	58.938	ng	97

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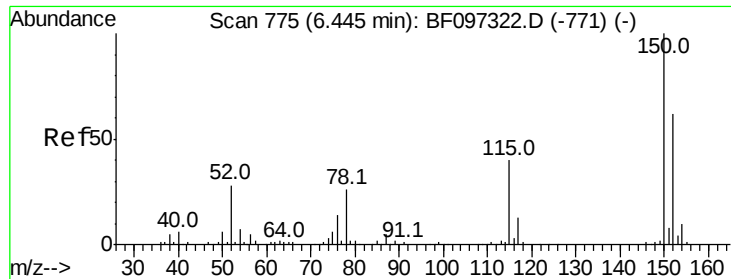
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	144361	37.810	nq	100
43) 2,4,5-Trichlorophenol	8.75	196	144242	37.745	nq	96
45) 1,1'-Biphenyl	8.87	154	665589	39.465	nq	97
46) 2-Chloronaphthalene	8.89	162	517004	41.657	nq	# 92
47) 2-Nitroaniline	9.00	65	209936	46.610	nq	94
48) Acenaphthylene	9.30	152	798857	41.935	nq	99
49) Dimethylphthalate	9.18	163	617473	41.180	nq	100
50) 2,6-Dinitrotoluene	9.25	165	134265	42.219	nq	# 71
51) Acenaphthene	9.47	154	469668	41.856	nq	99
52) 3-Nitroaniline	9.42	138	106682	27.026	nq	89
53) 2,4-Dinitrophenol	9.54	184	116408	80.505	nq	# 72
54) Dibenzofuran	9.64	168	696243	46.583	nq	94
55) 4-Nitrophenol	9.62	139	88001m	37.488	nq	
56) 2,4-Dinitrotoluene	9.66	165	182929	50.036	nq	# 78
57) Fluorene	9.98	166	497012	44.244	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	120704	45.745	nq	98
59) Diethylphthalate	9.88	149	585652	42.573	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	200746	43.275	nq	100
61) 4-Nitroaniline	10.03	138	163361	43.554	nq	92
62) Azobenzene	10.14	77	611329	47.904	nq	91
64) 4,6-Dinitro-2-methylphenol	10.07	198	87518	43.372	nq	88
65) n-Nitrosodiphenylamine	10.10	169	486357	43.045	nq	97
66) 4-Bromophenyl-phenylether	10.46	248	136999	42.274	nq	96
67) Hexachlorobenzene	10.53	284	146445	40.297	nq	# 83
68) Atrazine	10.64	200	141557	43.691	nq	93
69) Pentachlorophenol	10.74	266	86016	57.205	nq	97
70) Phenanthrene	10.93	178	754765	43.379	nq	99
71) Anthracene	10.99	178	778242	43.671	nq	99
72) Carbazole	11.15	167	771975	44.047	nq	99
73) Di-n-butylphthalate	11.49	149	898156	41.458	nq	100
74) Fluoranthene	12.12	202	745631	43.744	nq	99
76) Benzidine	12.24	184	403015	55.396	nq	# 94
77) Pyrene	12.34	202	765213	47.672	nq	99
79) Butylbenzylphthalate	12.97	149	375998	46.050	nq	# 78
80) Benzo(a)anthracene	13.52	228	556845	43.893	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	142670	29.822	nq	# 96
82) Chrysene	13.56	228	563024	45.449	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	423851	39.758	nq	98
84) Di-n-octyl phthalate	14.14	149	775013	39.615	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.06	276	463346	43.620	nq	97
87) Benzo(b)fluoranthene	14.52	252	479699	41.481	nq	97
88) Benzo(k)fluoranthene	14.54	252	466460	42.330	nq	98
89) Benzo(a)pyrene	14.82	252	461647	43.618	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	374612	43.162	nq	96
91) Benzo(g,h,i)perylene	16.40	276	412411	45.311	nq	97

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



#1

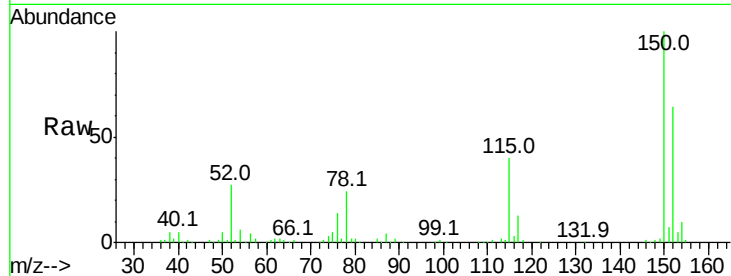
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	63.0	52.2	78.2

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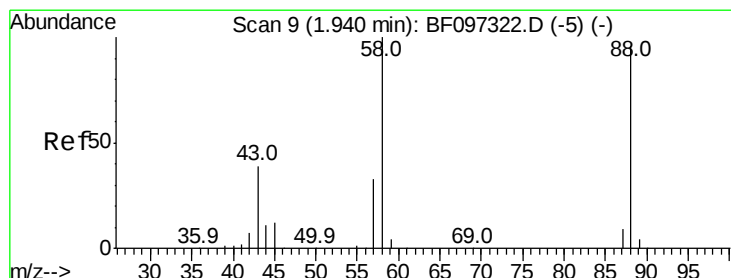
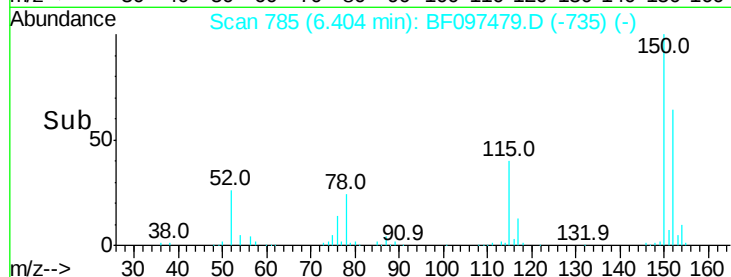
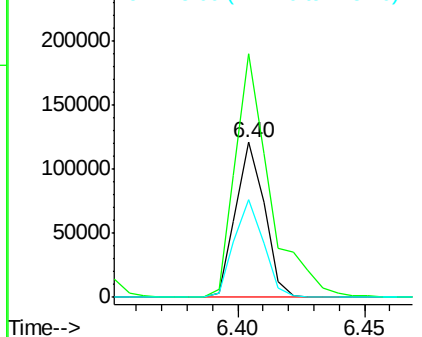


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

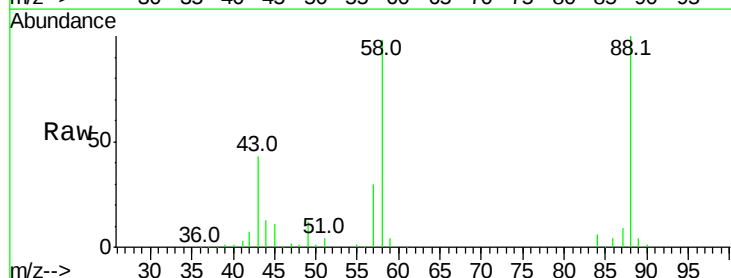
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.677 ng
RT: 1.98 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.3	61.4	92.0#
43	45.2	23.4	35.0#

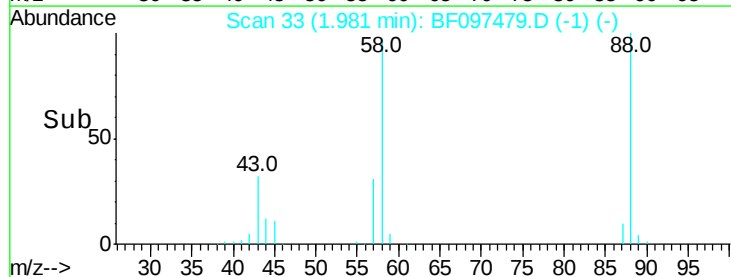
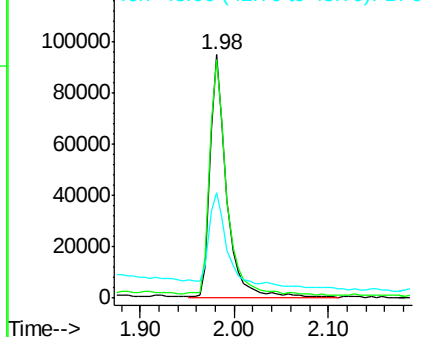


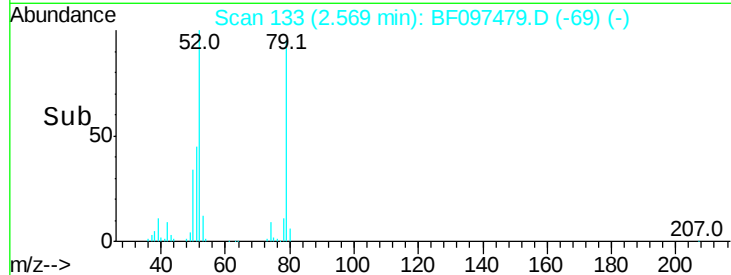
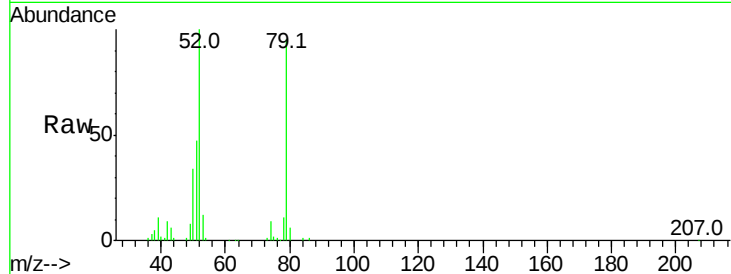
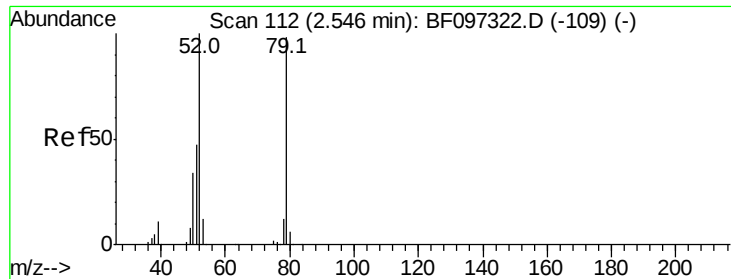
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





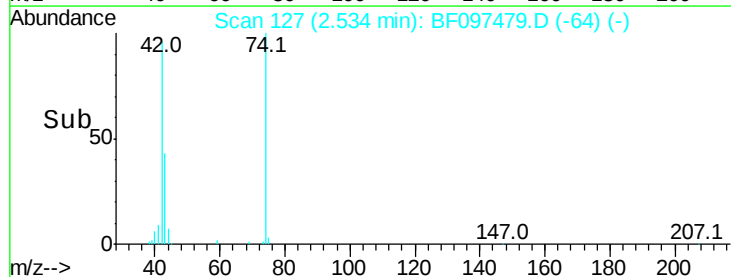
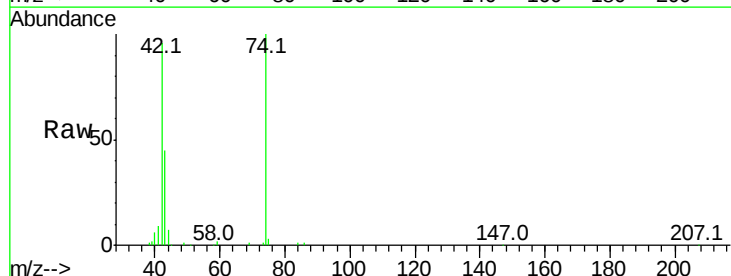
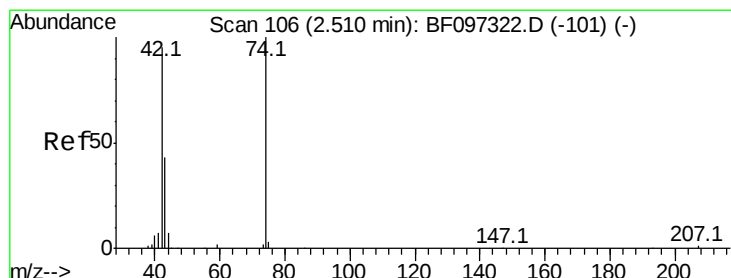
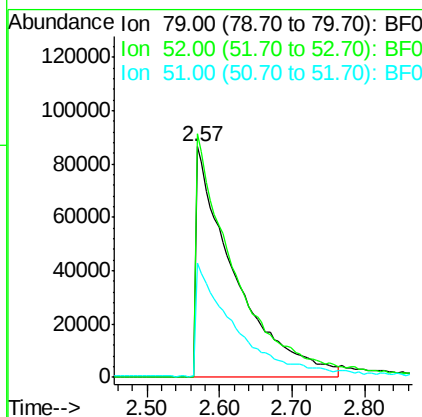
#3
Pvridine
Concen: 39.268 ng
RT: 2.57 min Scan# 133
Delta R.T. 0.08 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	105.8	54.8	82.2#	
51	49.7	27.0	40.4#	

Instrument :
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ClientSampleId :
PB101345BS

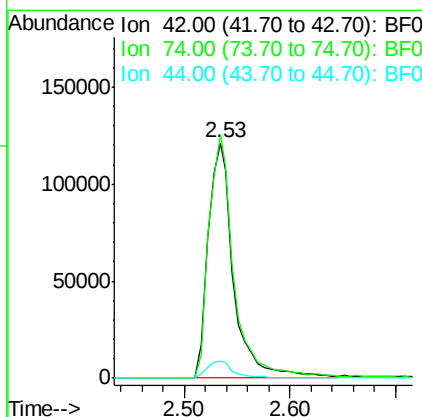
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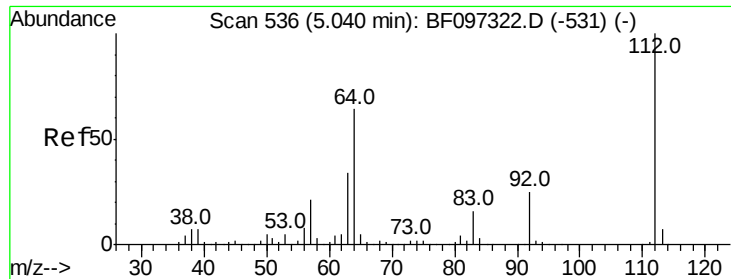
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#4
n-Nitrosodimethylamine
Concen: 45.306 ng
RT: 2.53 min Scan# 127
Delta R.T. 0.07 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	103.7	103.9	155.9#	
44	7.3	5.7	8.5	





#5

2-Fluorophenol

Concen: 127.215 ng

RT: 5.01 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

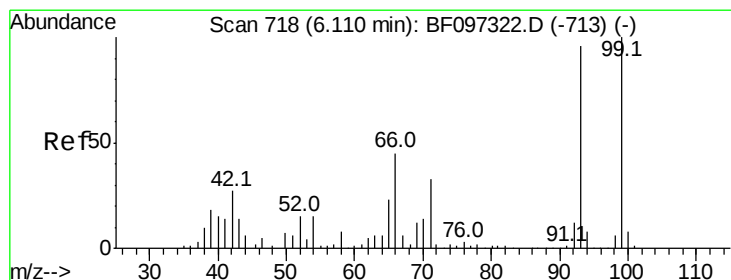
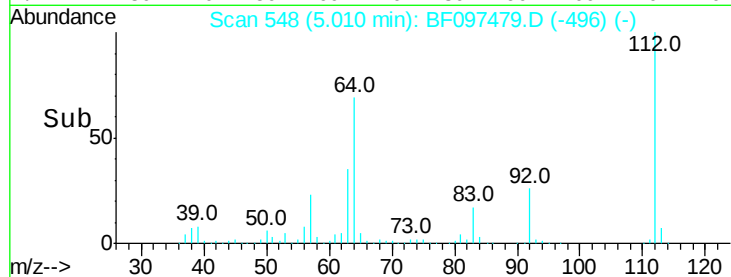
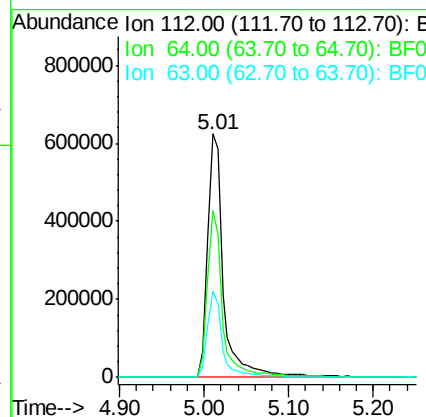
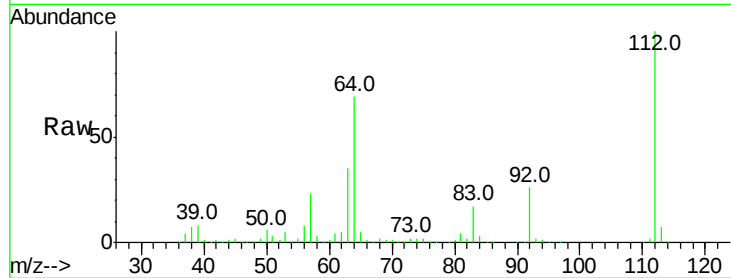
ClientSampleId :

PB101345BS

Tot Ion:	112	Resp:	812809
Ion Ratio	Lower	Upper	
112	100		
64	68.6	46.0	69.0
63	35.4	23.4	35.0#

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#6

Aniline

Concen: 30.851 ng

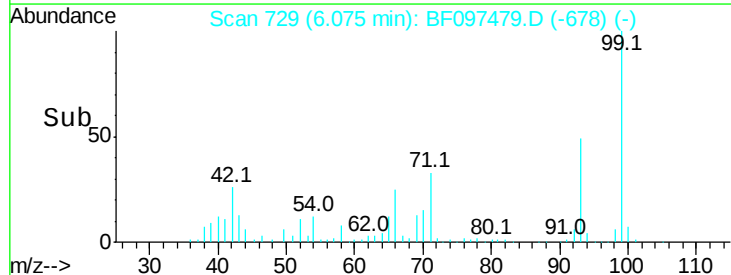
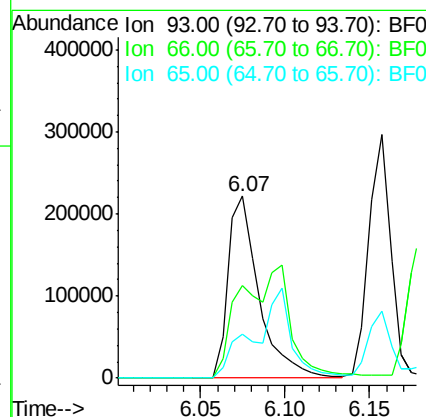
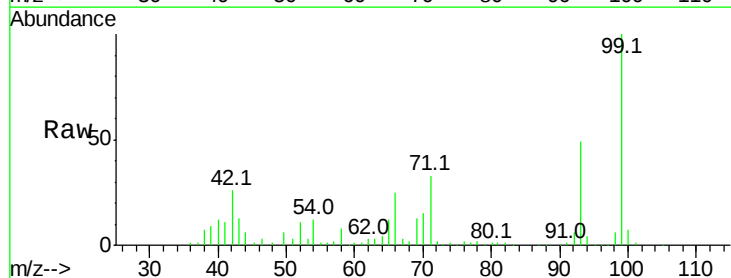
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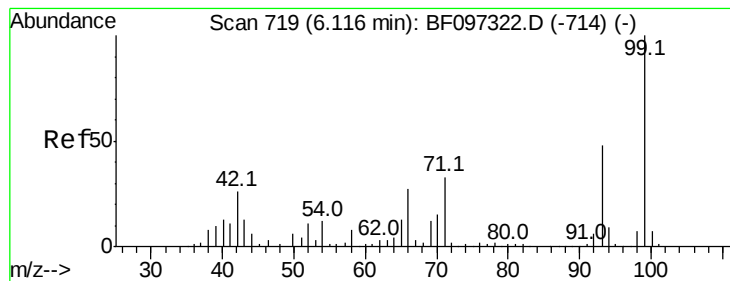
Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	93	Resp:	283178
Ion Ratio	Lower	Upper	
93	100		
66	50.6	32.9	49.3#
65	23.9	16.0	24.0





#7

Phenol-d6

Concen: 123.272 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

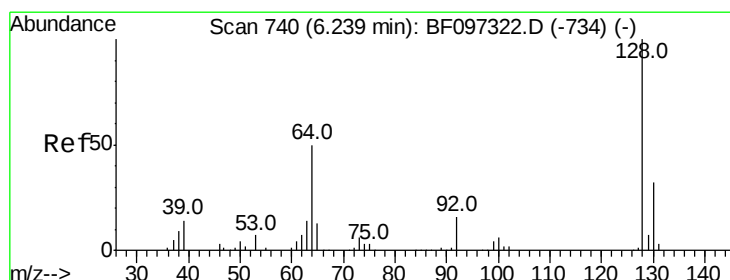
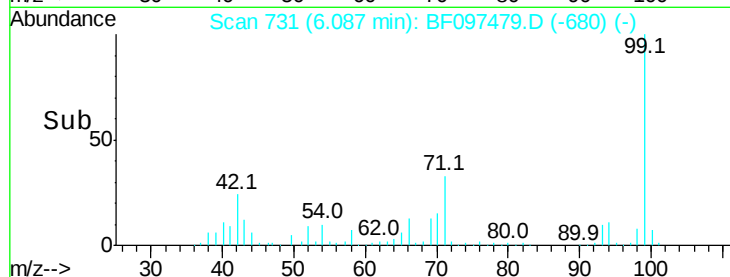
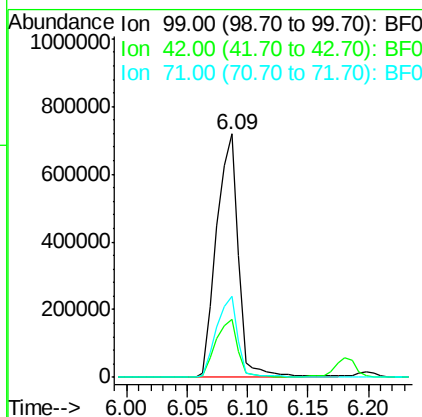
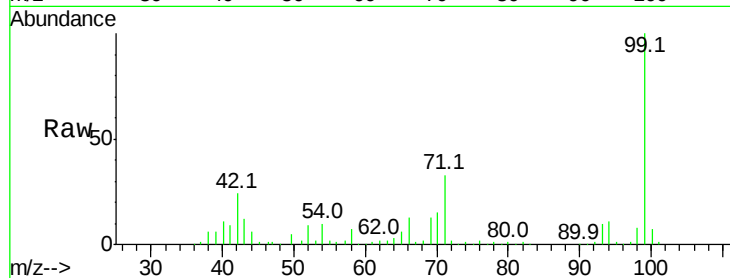
ClientSampleId :

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Tot Ion	99	Resp	899157
Ion Ratio	Lower	Upper	
99	100		
42	23.6	13.5	20.3#
71	33.1	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.474 ng

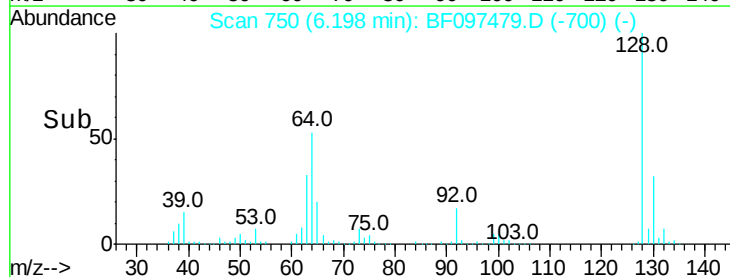
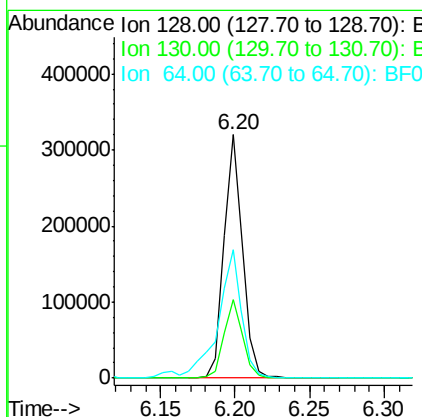
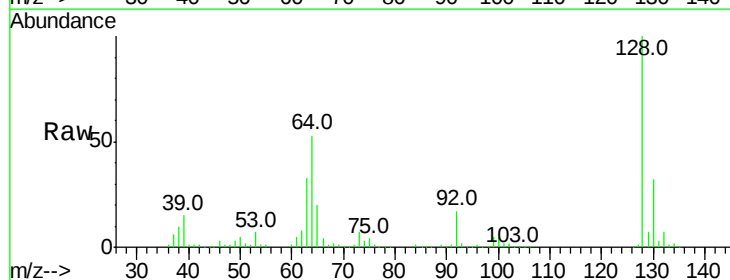
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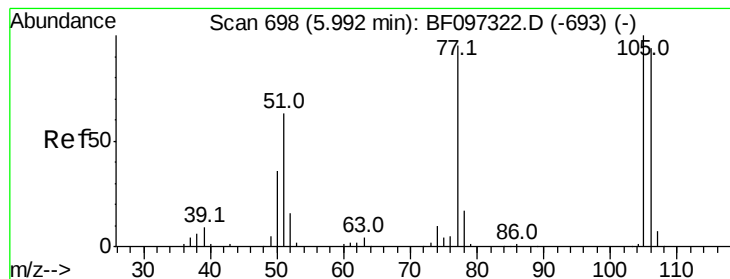
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion	128	Resp	283345
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.9	52.9
64	52.6	28.4	68.4





#9

Benzaldehyde

Concen: 29.668 ng

RT: 5.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

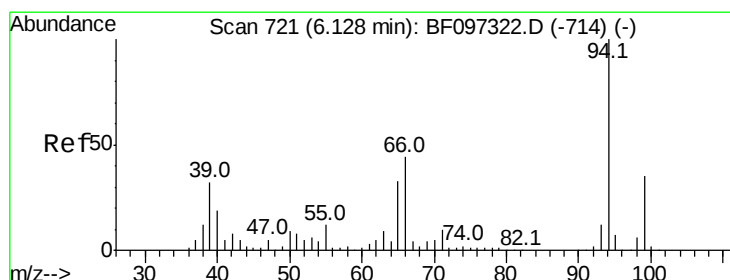
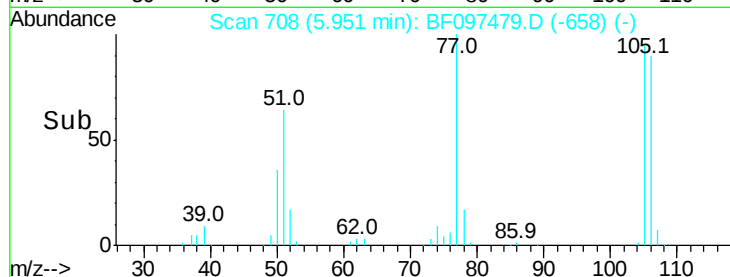
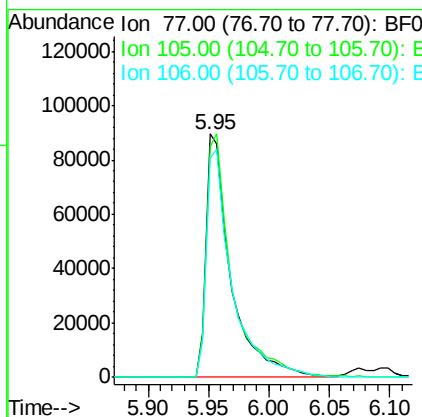
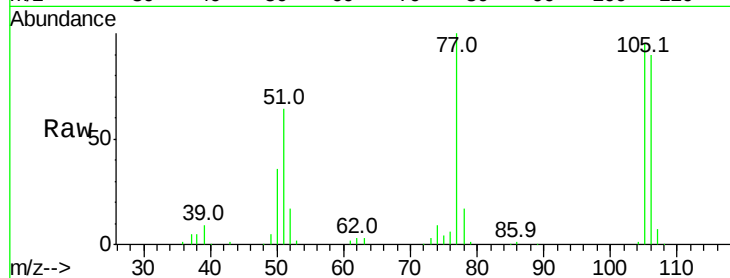
ClientSampleId :

PB101345BS

Tot Ion:	77	Resp:	128089
Ion	Ratio	Lower	Upper
77	100		
105	94.9	83.8	123.8
106	90.1	79.1	119.1

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#10

Phenol

Concen: 41.336 ng

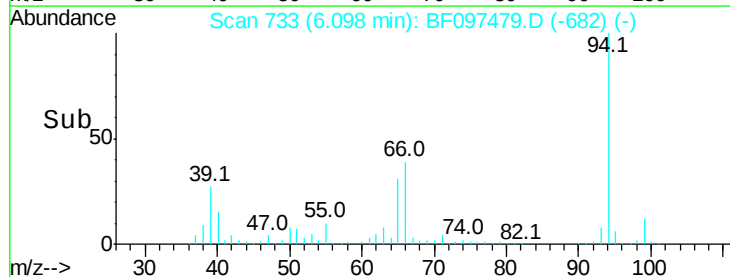
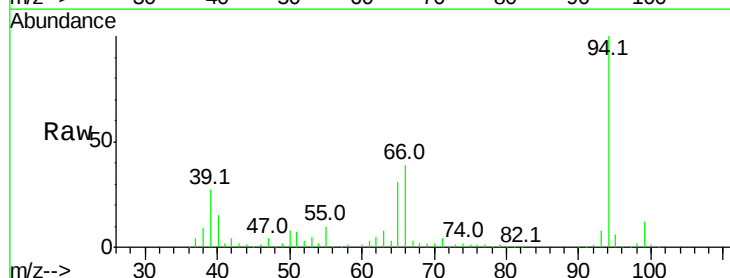
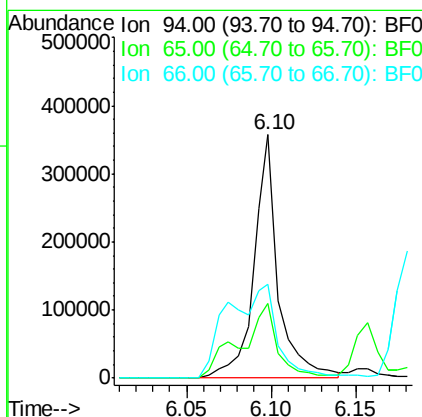
RT: 6.10 min Scan# 733

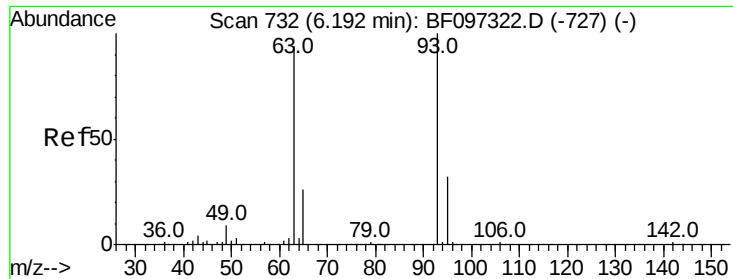
Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	94	Resp:	357630
Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.9	49.9
66	38.6	23.1	63.1





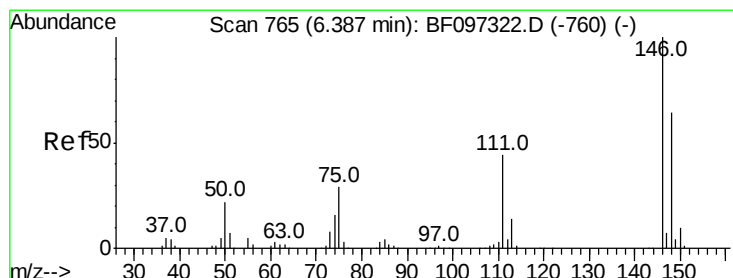
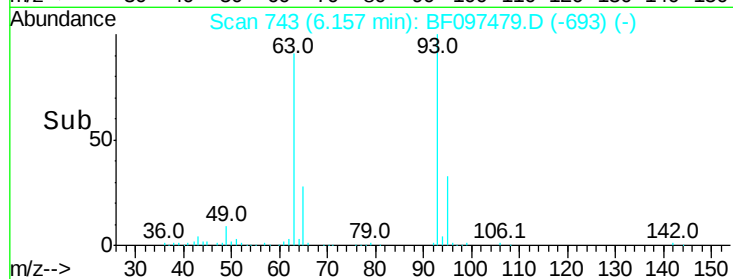
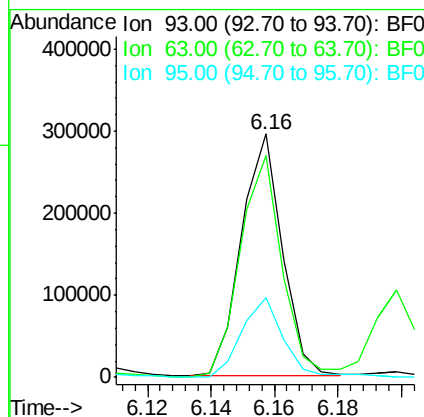
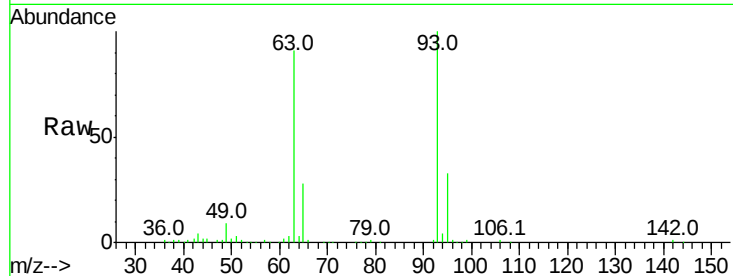
#11
bis(2-Chloroethyl)ether
Concen: 38.413 ng
RT: 6.16 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.9	59.2	99.2
95	32.5	12.8	52.8

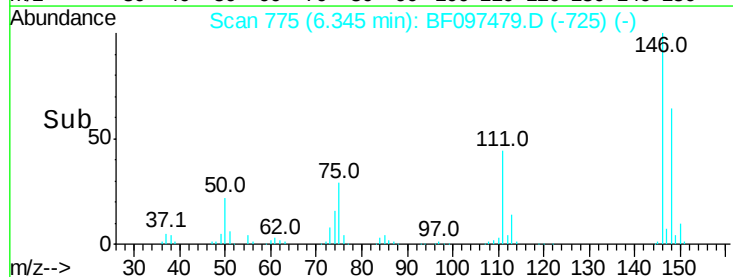
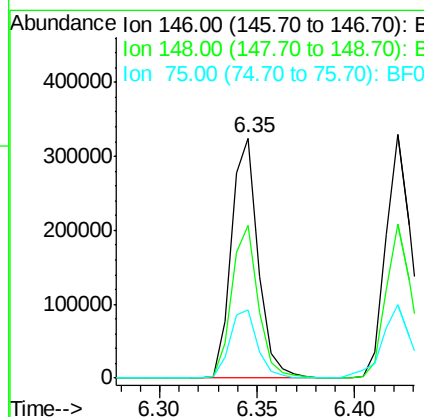
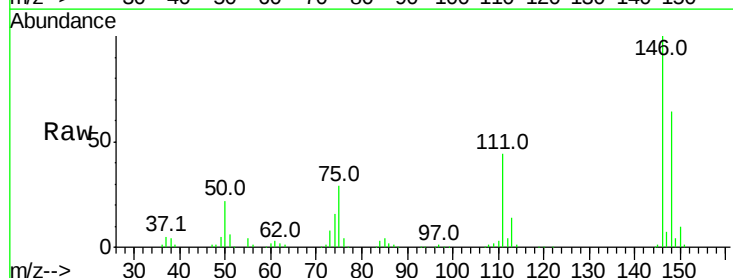
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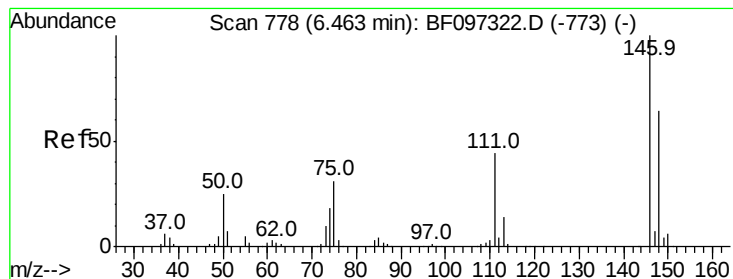
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.032 ng
RT: 6.35 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	28.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.278 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

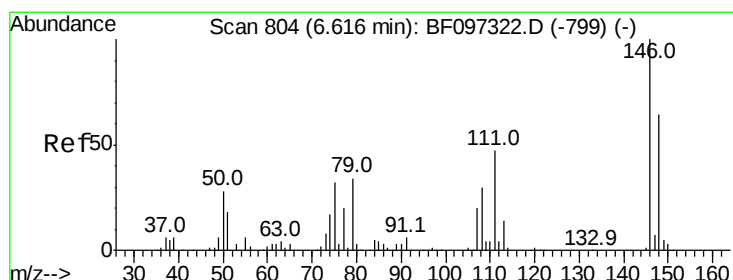
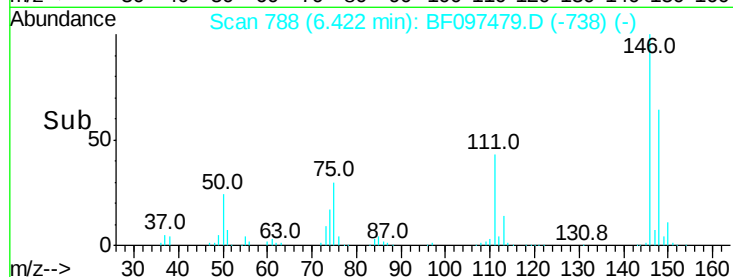
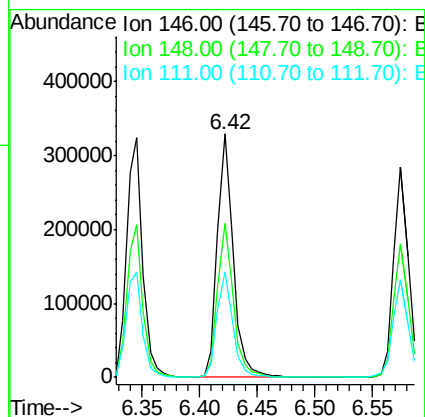
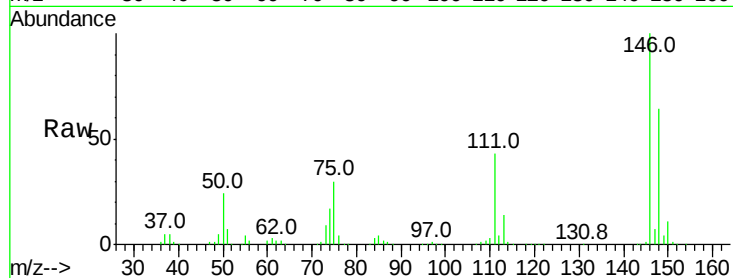
ClientSampled :

PB101345BS

Tot Ion:	146	Resp:	315771
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.2
111	43.4	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 41.737 ng

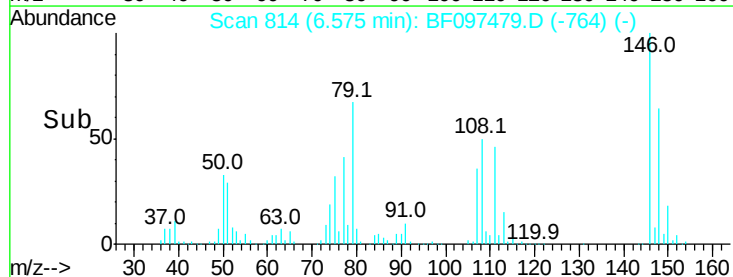
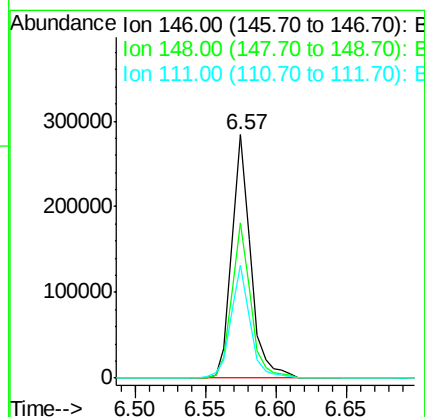
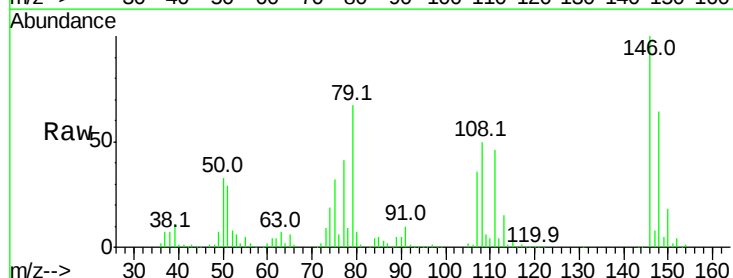
RT: 6.57 min Scan# 814

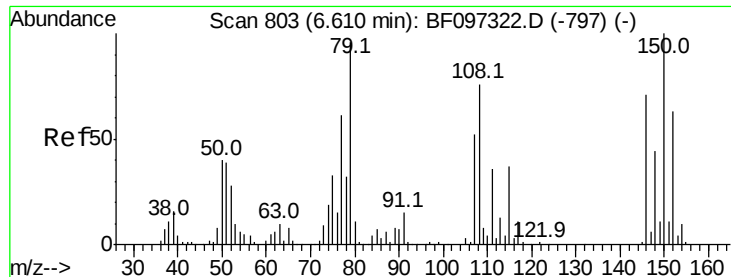
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	146	Resp:	265898
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	46.4	38.2	57.4





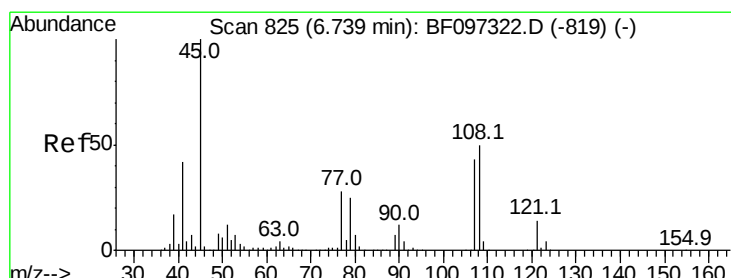
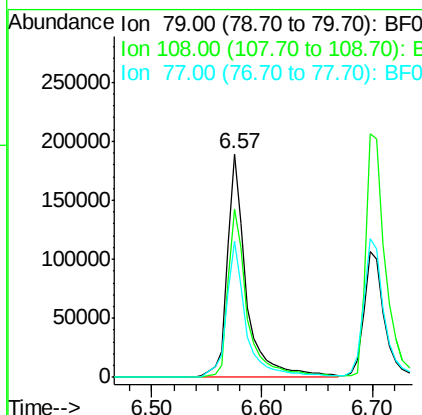
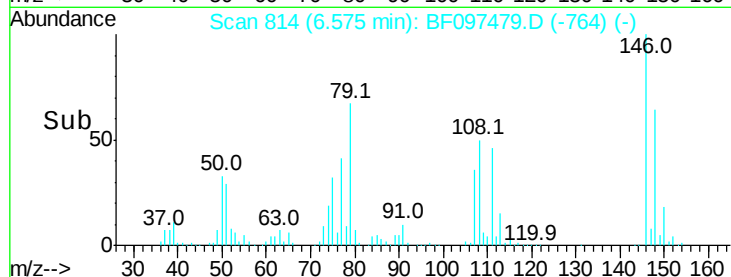
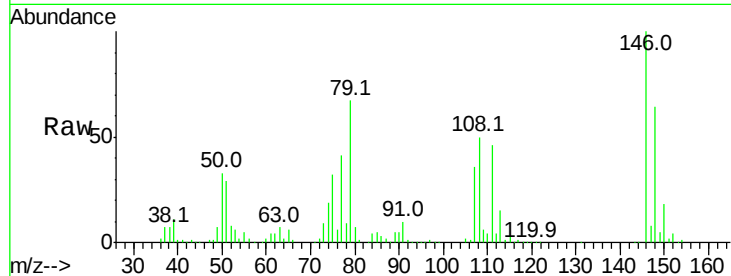
#15
Benzyl Alcohol
Concen: 50.277 ng
RT: 6.57 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampled :
PB101345BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	63.4	95.0
77	60.9	49.2	73.8

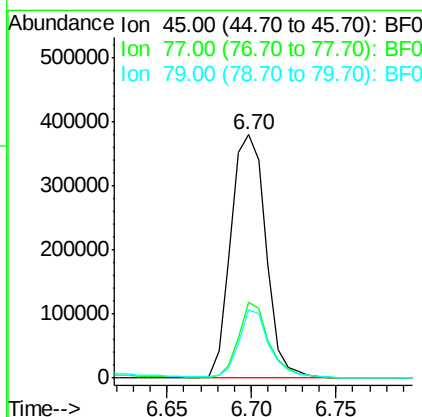
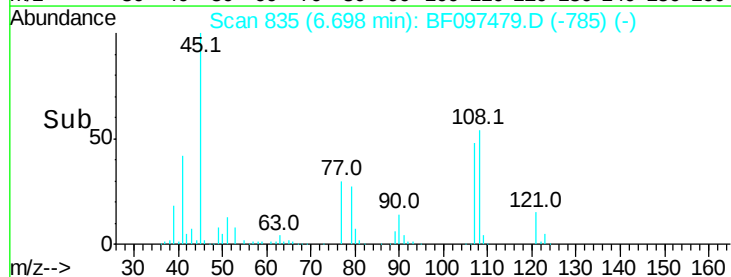
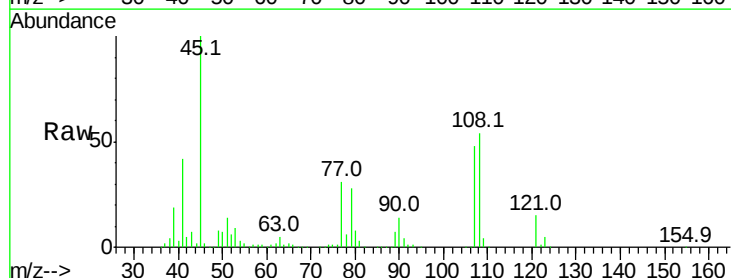
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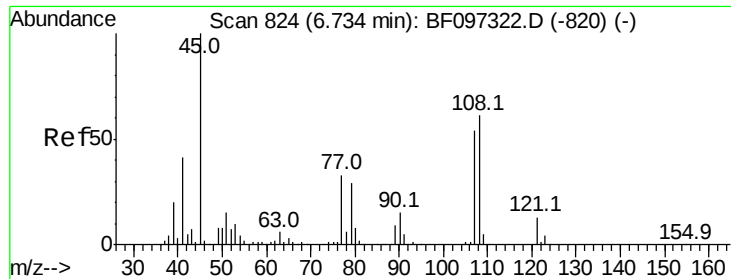
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.876 ng
RT: 6.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.9	0.0	33.2
79	28.1	0.0	30.0





#17

2-Methylphenol

Concen: 43.044 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

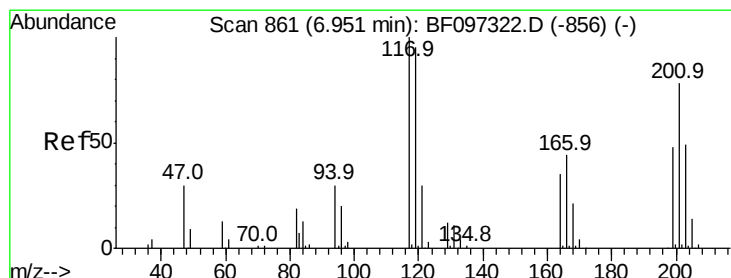
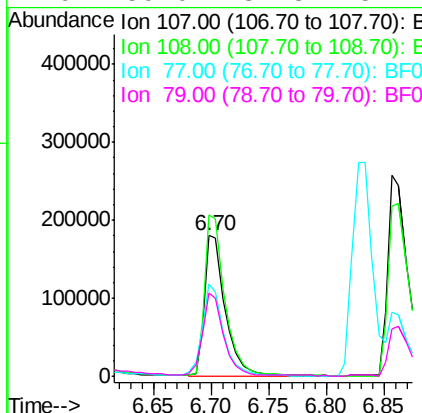
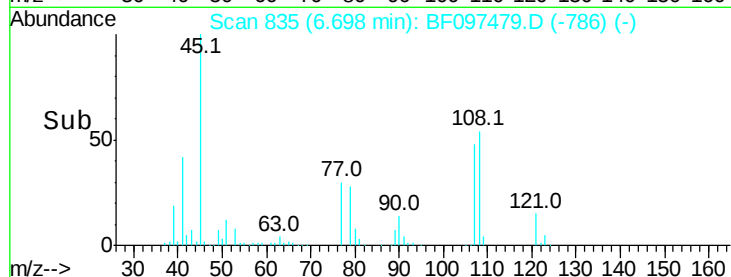
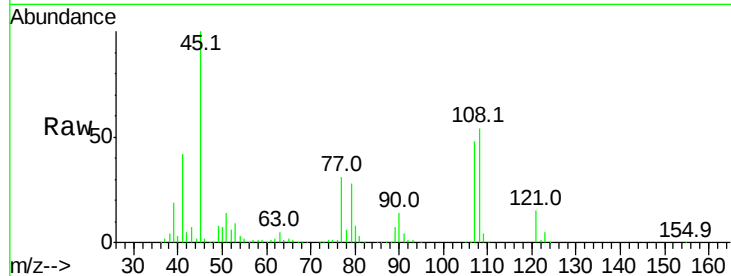
ClientSampleId :

PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	93.4	140.0	
77	65.1	35.8	53.6#	
79	59.0	34.8	52.2#	

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#18

Hexachloroethane

Concen: 43.580 ng

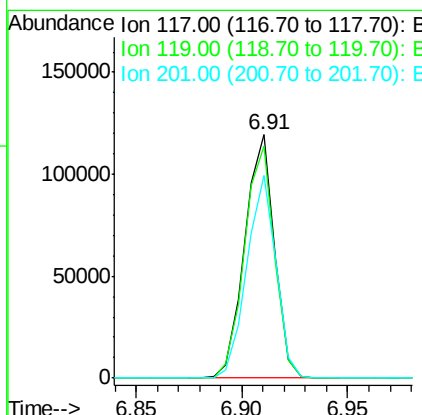
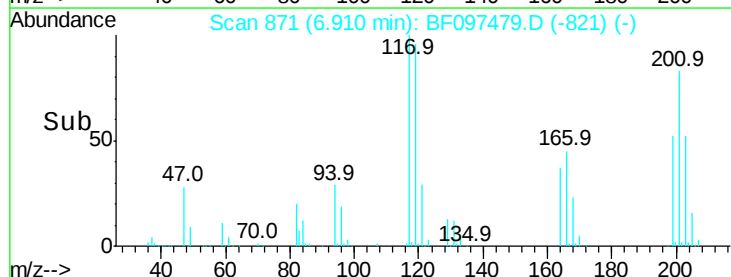
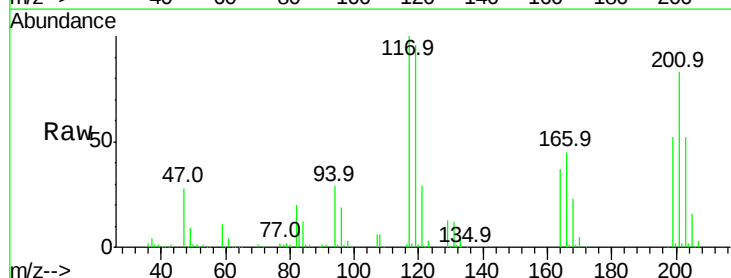
RT: 6.91 min Scan# 871

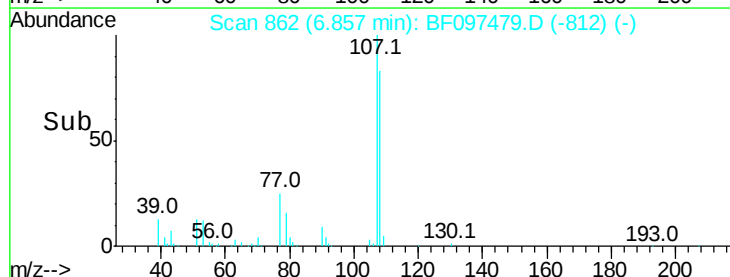
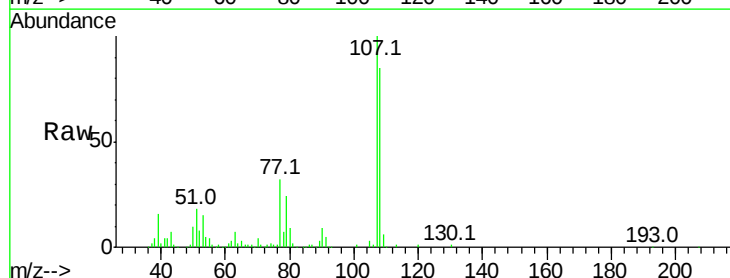
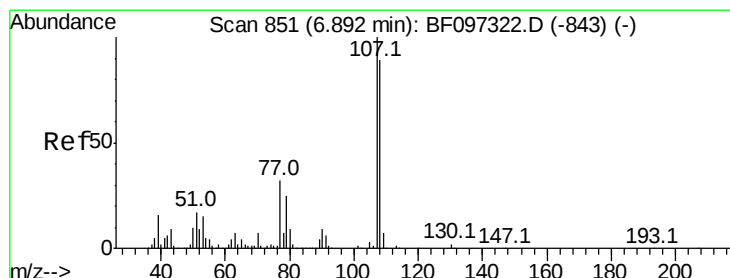
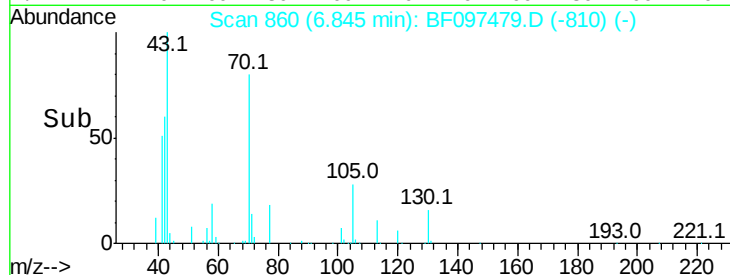
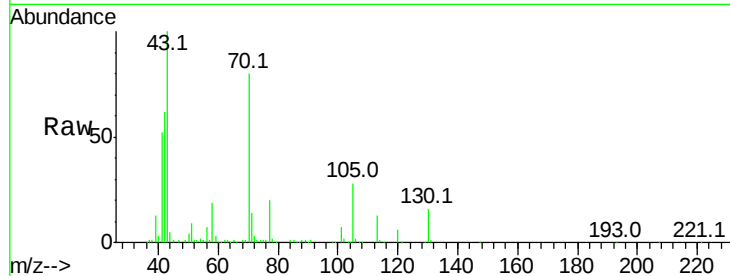
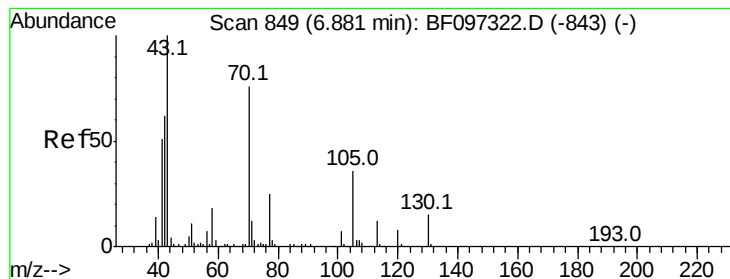
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.4	116.0	
201	83.2	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 46.825 ng

RT: 6.85 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tot Ion: 70 Resp: 224815

Ion Ratio Lower Upper

70 100

42 77.9 47.2 70.8#

101 9.2 7.2 10.8

130 20.6 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

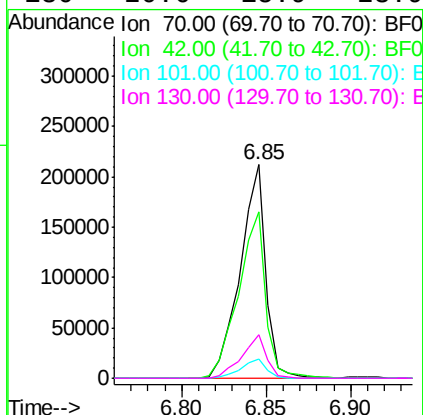
PB101345BS

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#20

3+4-Methylphenols

Concen: 49.509 ng

RT: 6.86 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:107 Resp: 340953

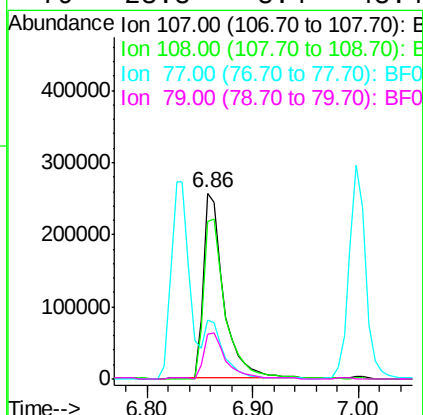
Ion Ratio Lower Upper

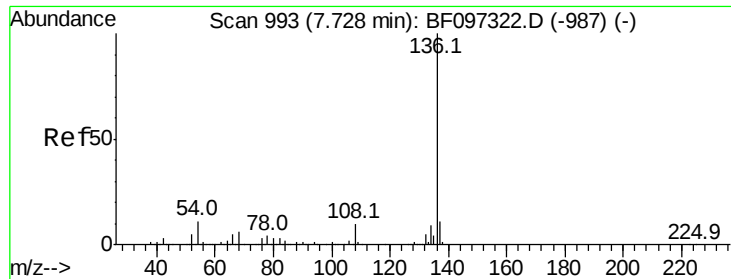
107 100

108 84.9 71.0 111.0

77 31.7 90.5 130.5#

79 23.8 8.4 48.4





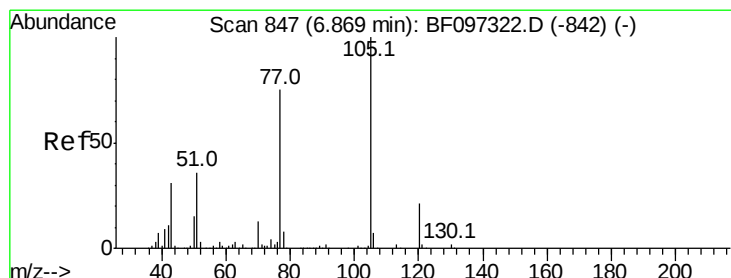
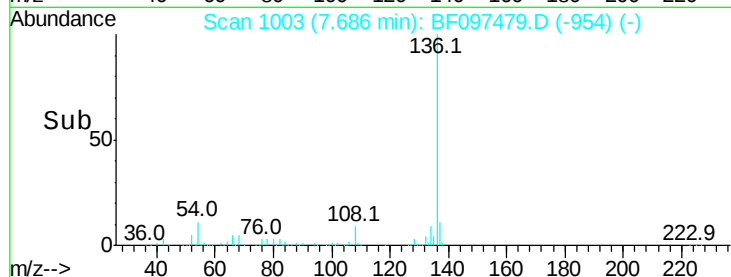
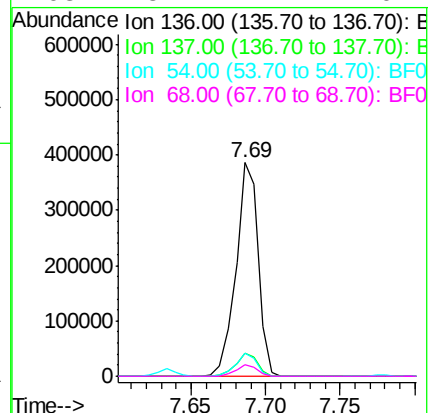
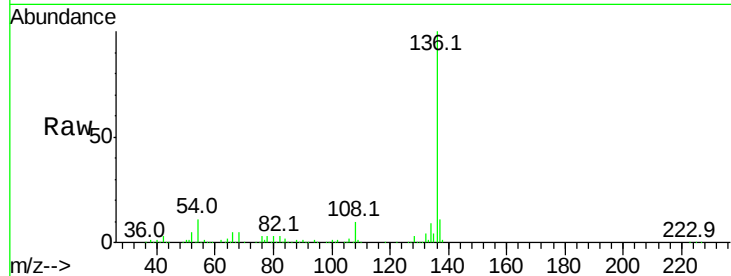
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	11.0	4.9	7.3	
68	5.4	4.1	6.1	

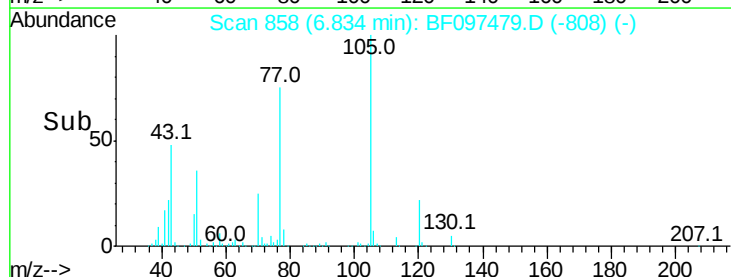
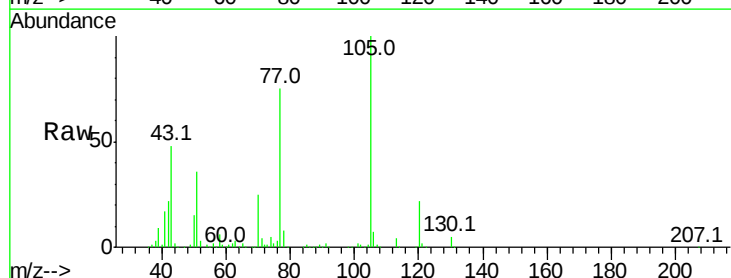
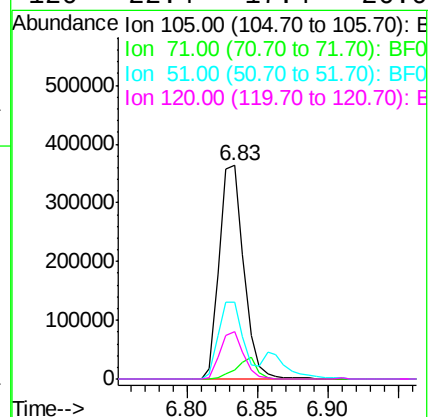
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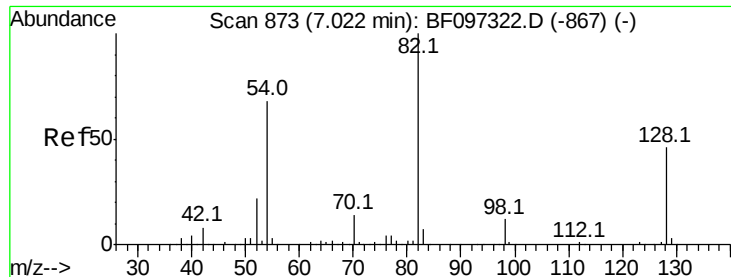
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#22
Acetophenone
Concen: 45.538 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	2.8	4.2	
51	36.0	30.7	46.1	
120	22.4	17.4	26.0	





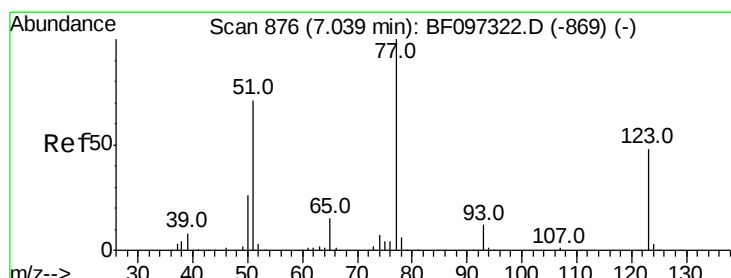
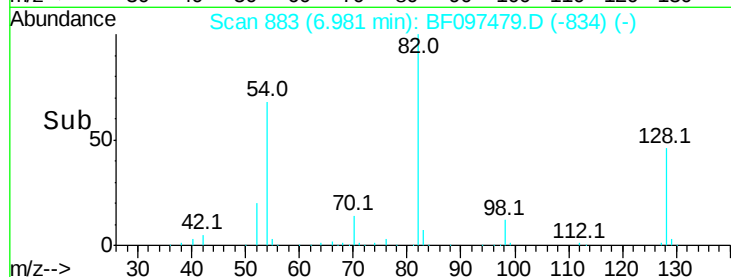
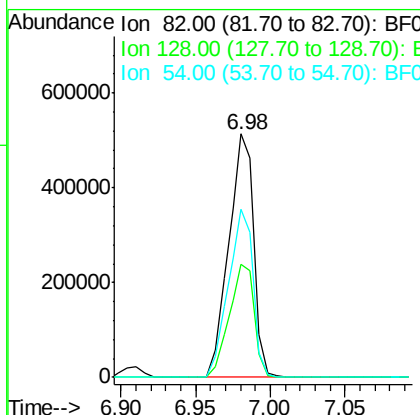
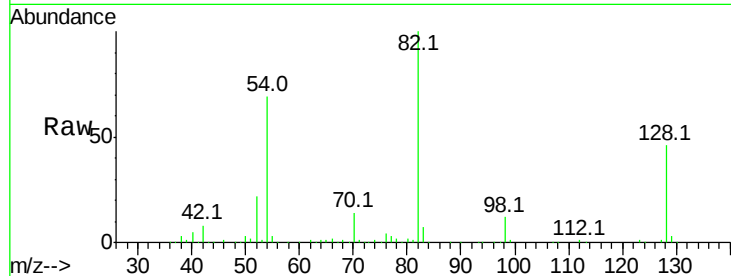
#23
Nitrobenzene-d5
Concen: 87.635 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	68.9	42.2	63.2

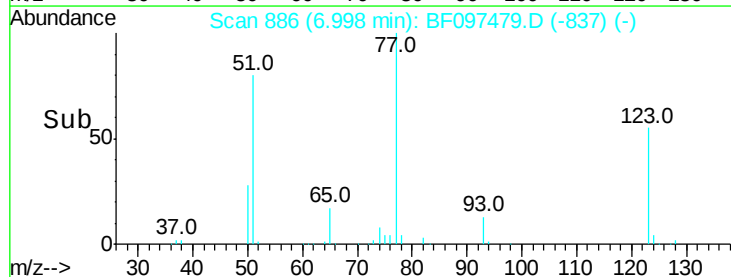
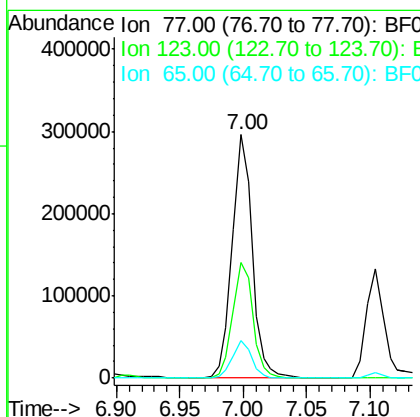
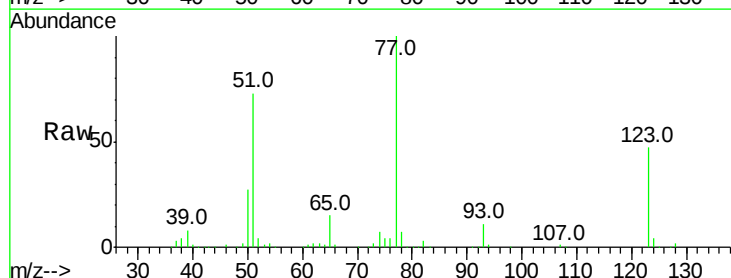
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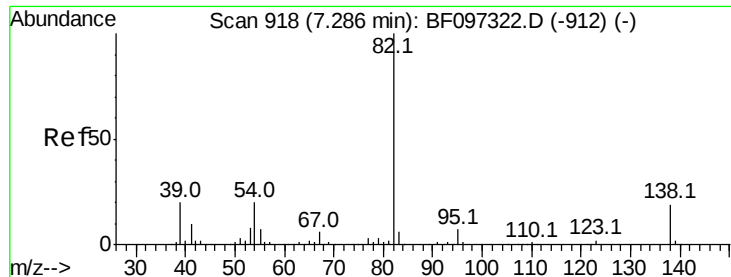
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#24
Nitrobenzene
Concen: 44.811 ng
RT: 7.00 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.8	53.8
65	15.3	10.6	15.8





#25

Isophorone

Concen: 41.928 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

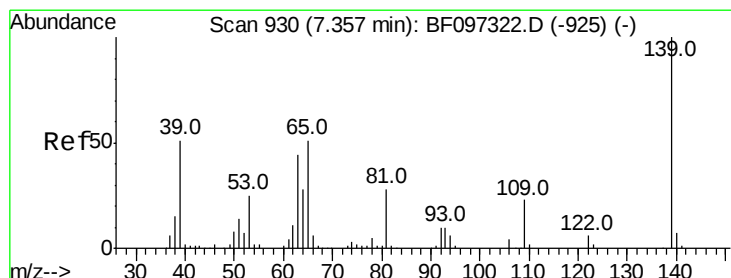
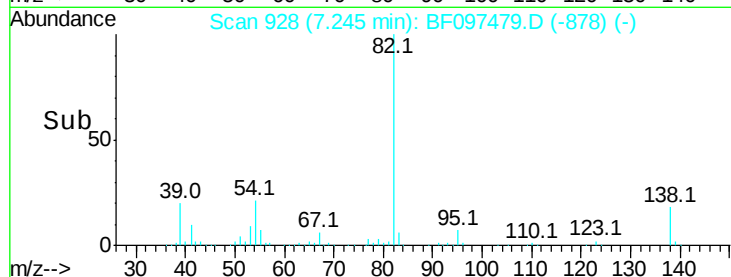
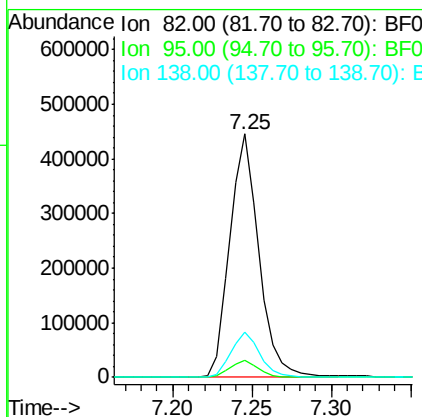
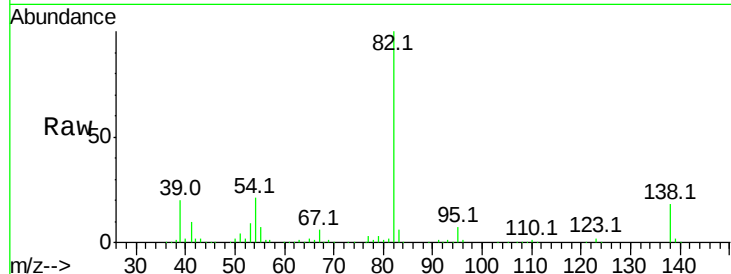
ClientSampleId :

PB101345BS

Tot Ion:	82	Resp:	565721
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.396 ng

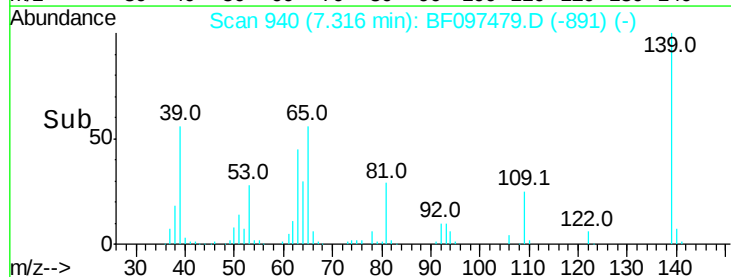
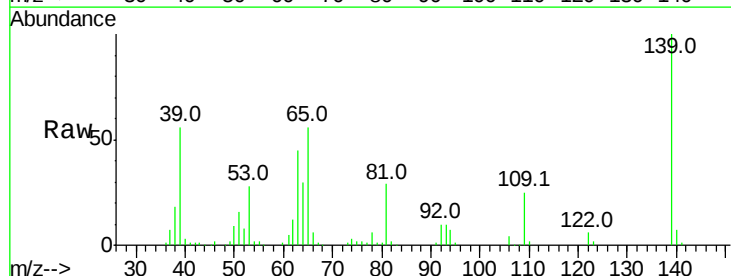
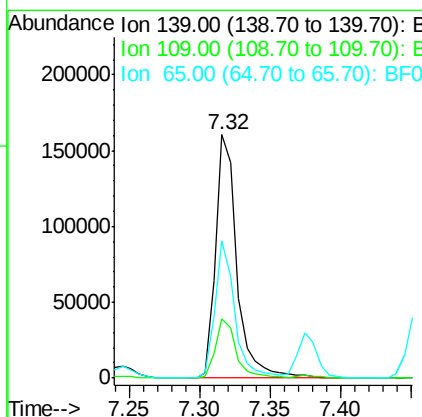
RT: 7.32 min Scan# 940

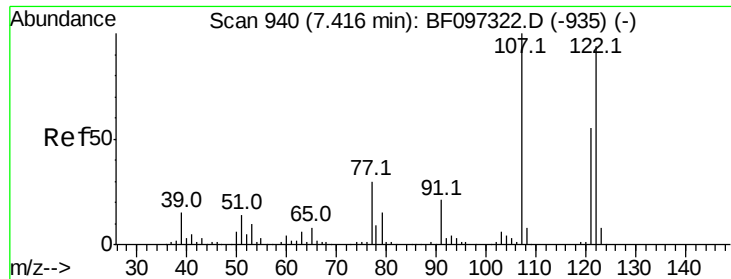
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	139	Resp:	168466
Ion Ratio	Lower	Upper	
139	100		
109	24.6	21.0	31.6
65	56.4	33.0	49.6





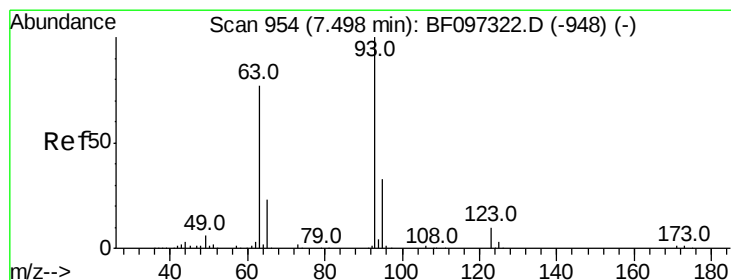
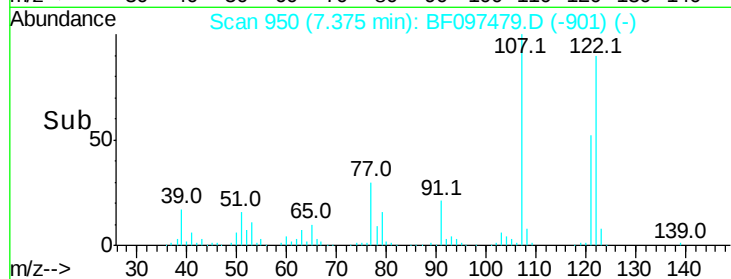
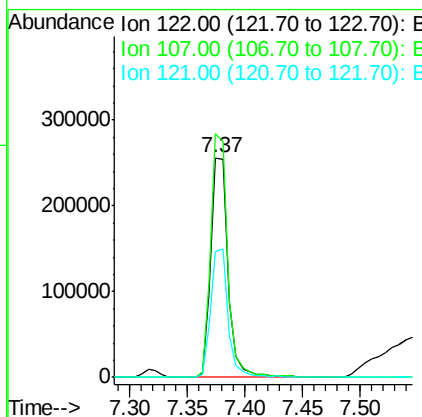
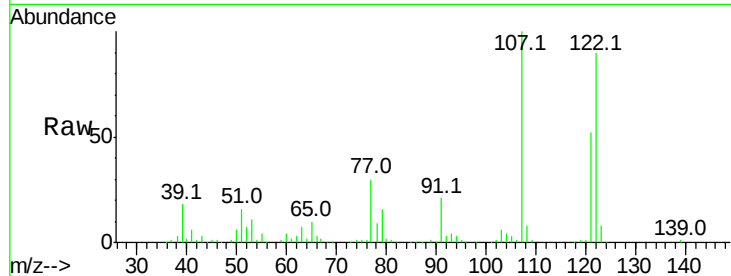
#27
2,4-Dimethylphenol
Concen: 41.410 ng
RT: 7.37 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	265183		
107	111.0	89.2	133.8	
121	57.4	45.2	67.8	

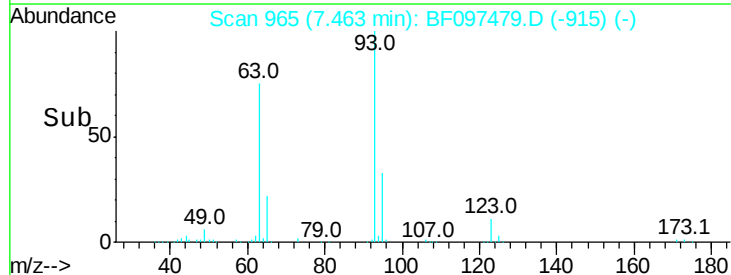
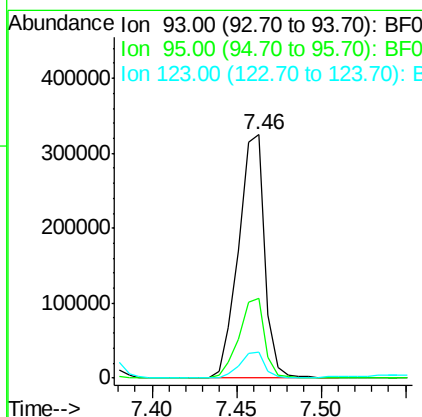
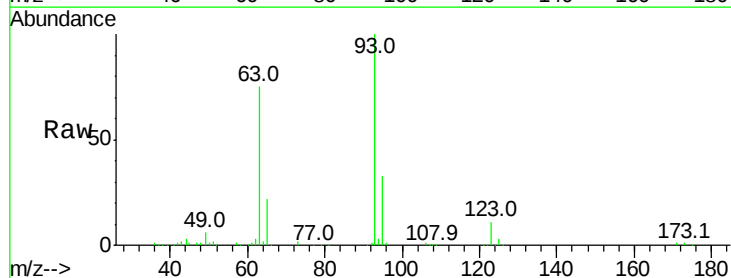
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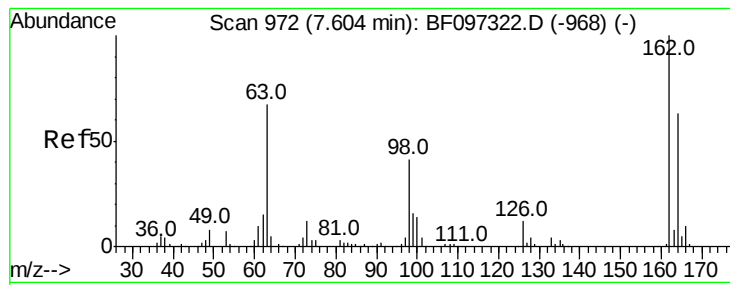
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.834 ng
RT: 7.46 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	350745		
95	32.8	26.5	39.7	
123	10.8	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 46.505 ng

RT: 7.57 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

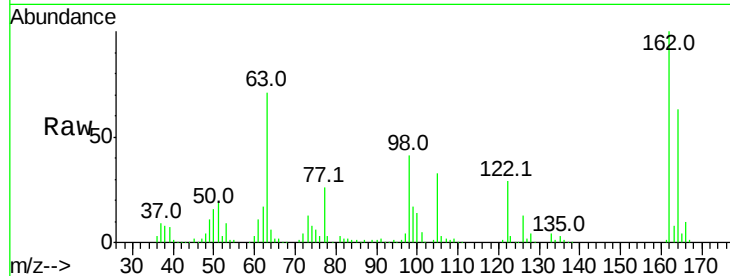
ClientSampled :

PB101345BS

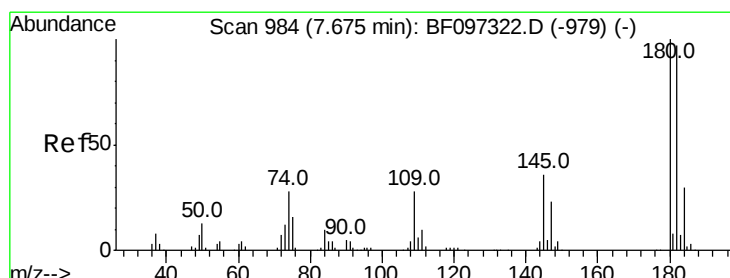
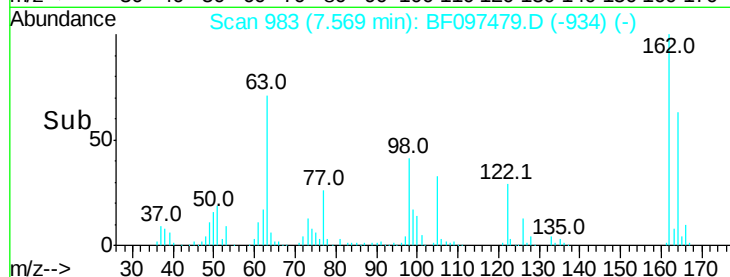
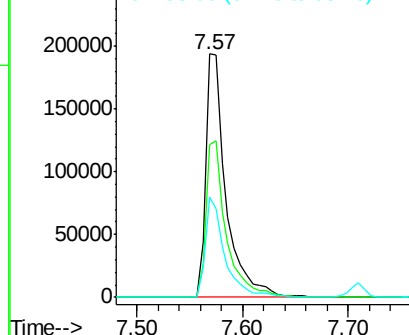
Tot Ion:	162	Resp:	256559
Ion Ratio	Lower	Upper	
162	100		
164	62.6	44.6	84.6
98	41.3	14.8	54.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.354 ng

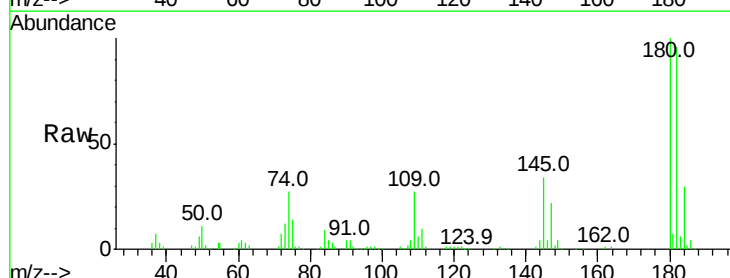
RT: 7.64 min Scan# 995

Delta R.T. -0.01 min

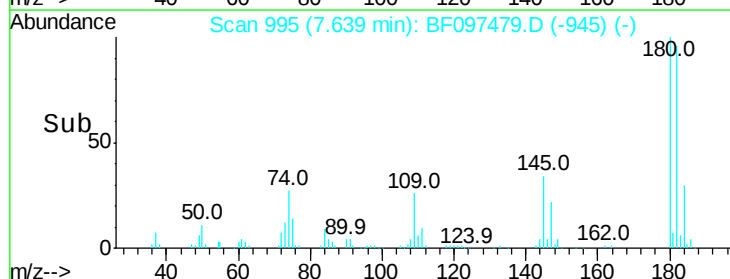
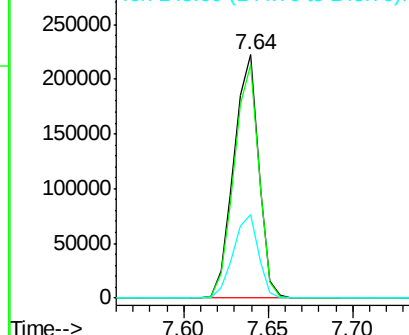
Lab File: BF097479.D

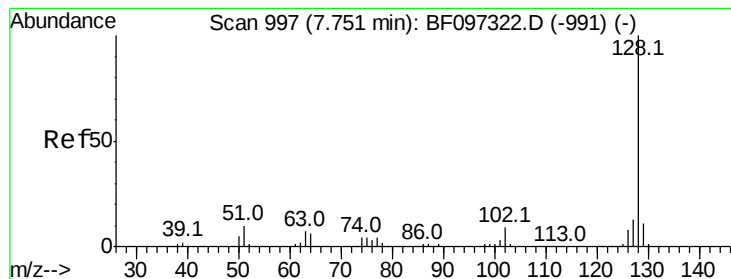
Acq: 8 Aug 2017 20:16

Tgt Ion:	180	Resp:	227977
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.8	113.6
145	34.3	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.007 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

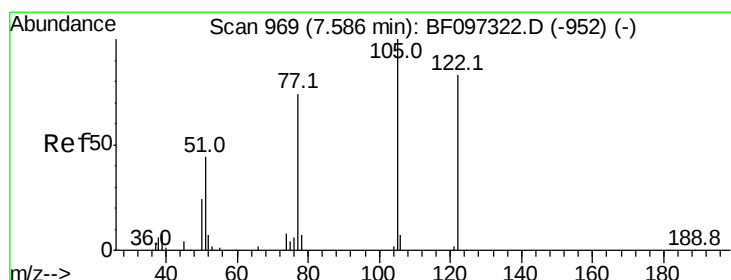
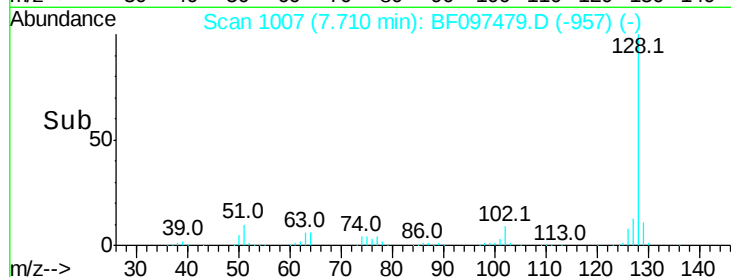
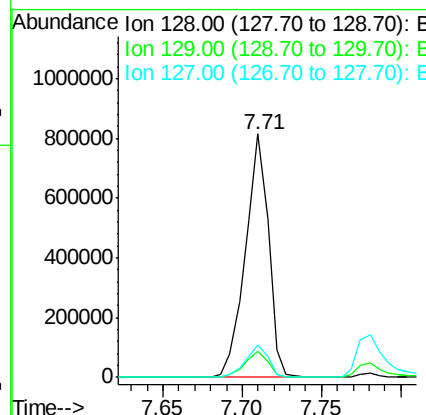
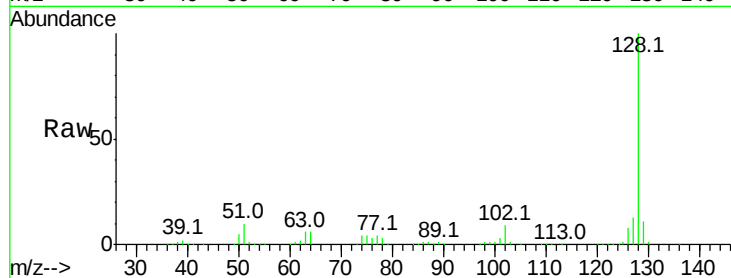
ClientSampleId :

PB101345BS

Tot Ion:	128	Resp:	819397
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.0	13.6
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 40.396 ng

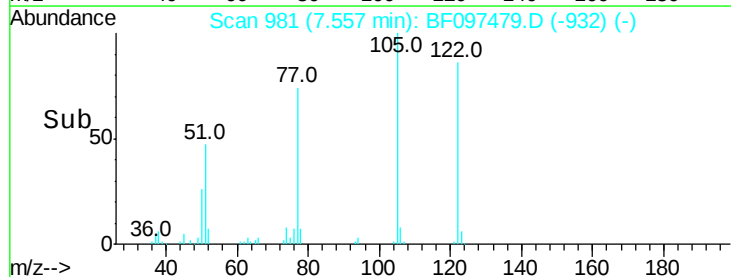
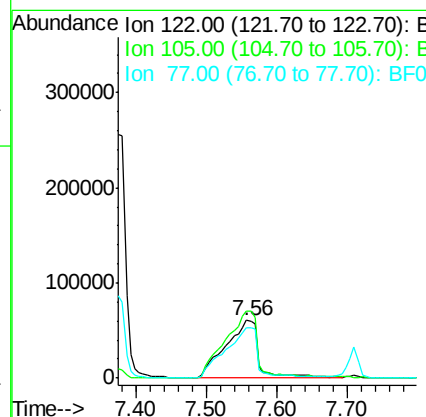
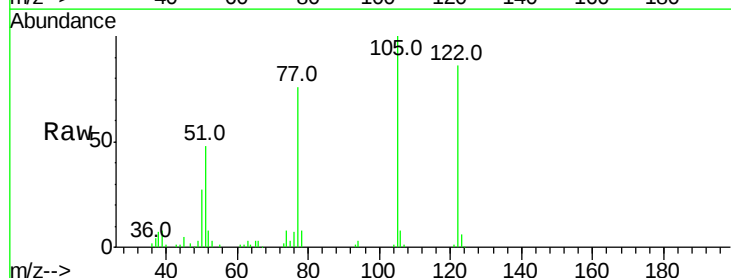
RT: 7.56 min Scan# 981

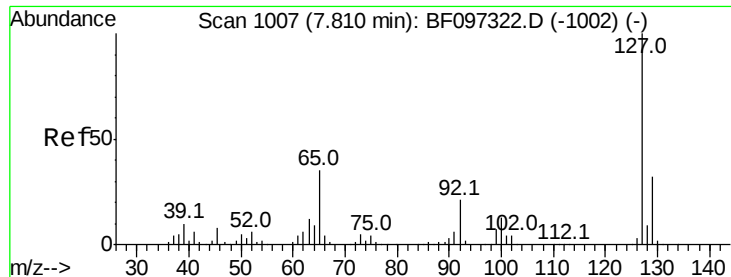
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	122	Resp:	193170
Ion Ratio	Lower	Upper	
122	100		
105	116.2	103.3	143.3
77	87.7	73.7	113.7





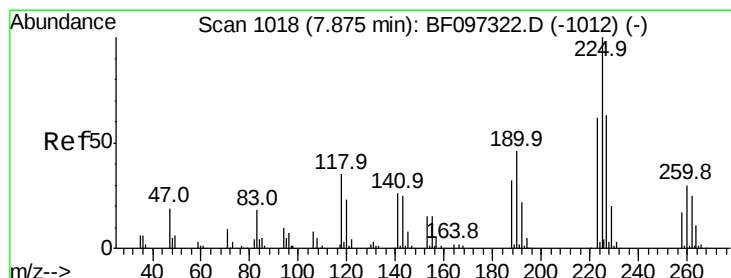
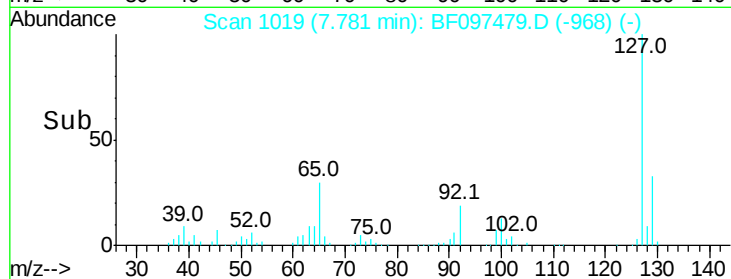
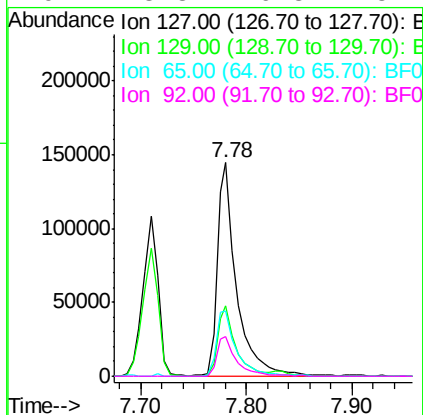
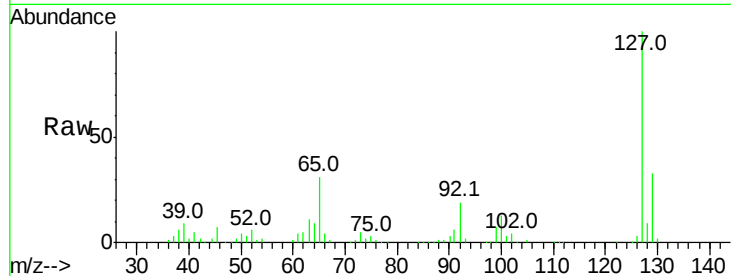
#33
4-Chloroaniline
Concen: 23.669 ng
RT: 7.78 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		183493		
129	32.8	26.2	39.2		
65	30.5	27.8	41.8		
92	18.8	16.8	25.2		

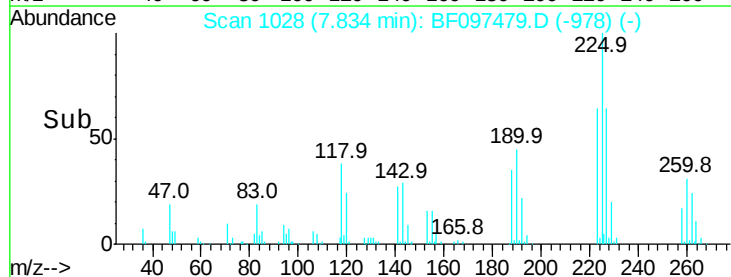
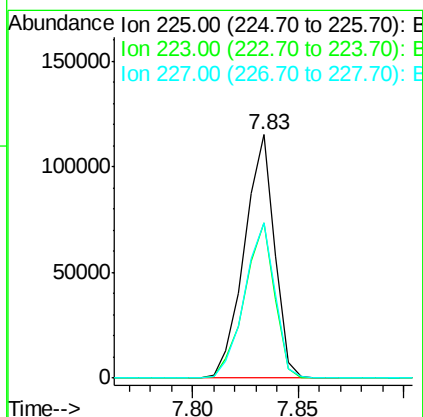
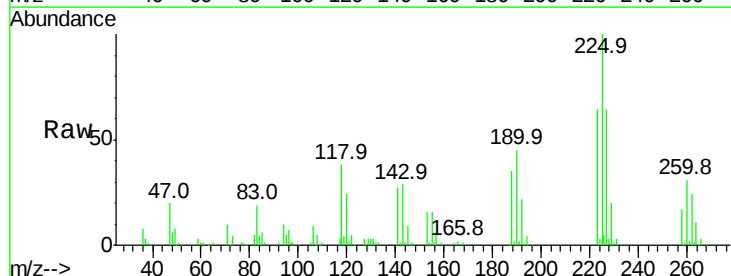
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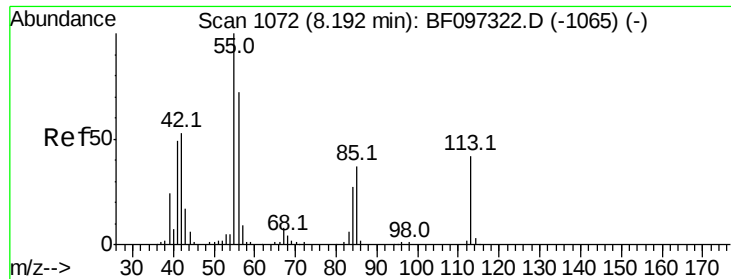
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#34
Hexachlorobutadiene
Concen: 40.993 ng
RT: 7.83 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		114277		
223	63.6	48.8	73.2		
227	64.0	51.1	76.7		





#35

Caprolactam

Concen: 49.300 ng/mL

RT: 8.16 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampled :

PB101345BS

Tot Ion:113 Resp: 87212

Ion Ratio Lower Upper

113 100

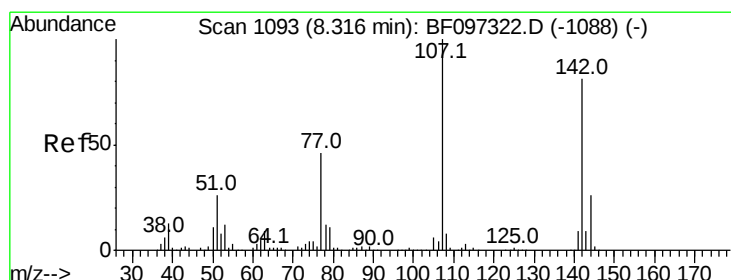
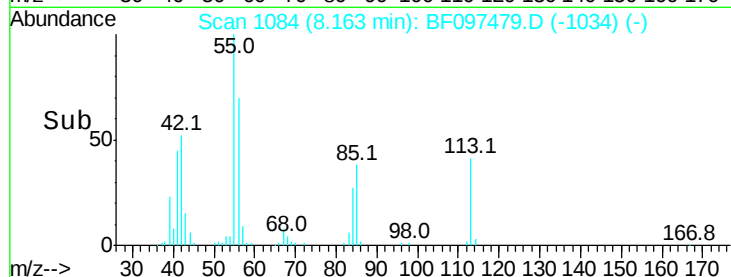
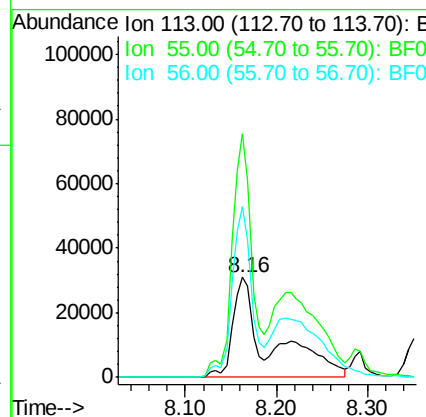
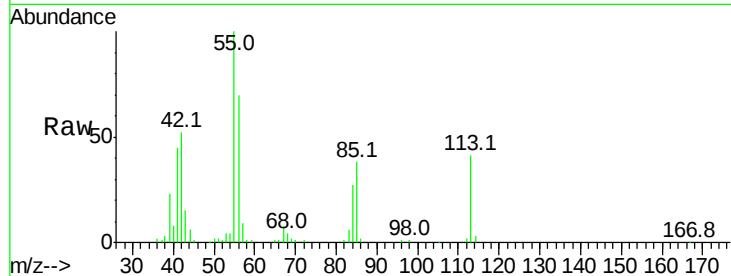
55 244.0 150.2 190.2#

56 170.9 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 47.402 ng/mL

RT: 8.29 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

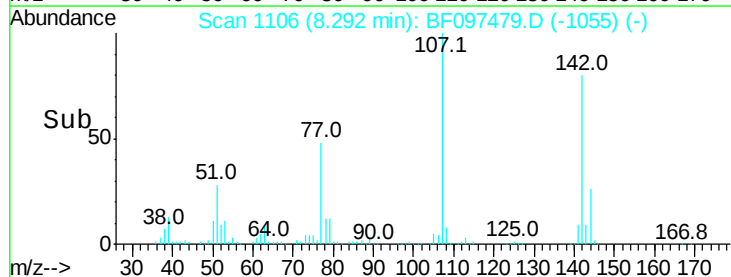
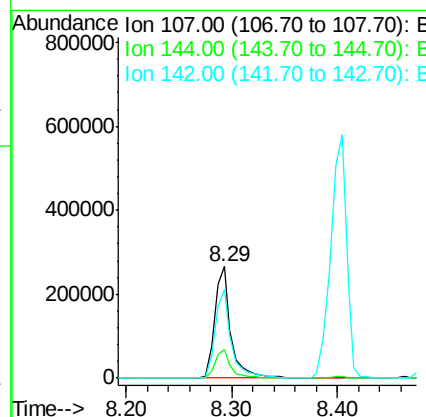
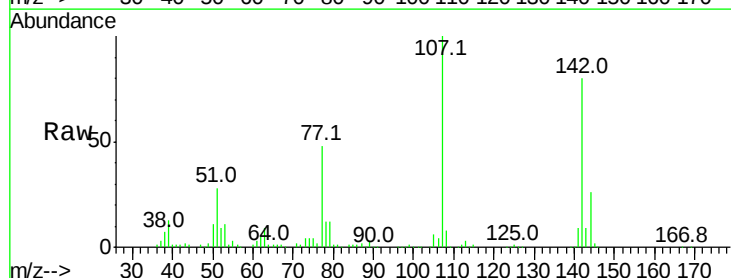
Tgt Ion:107 Resp: 285297

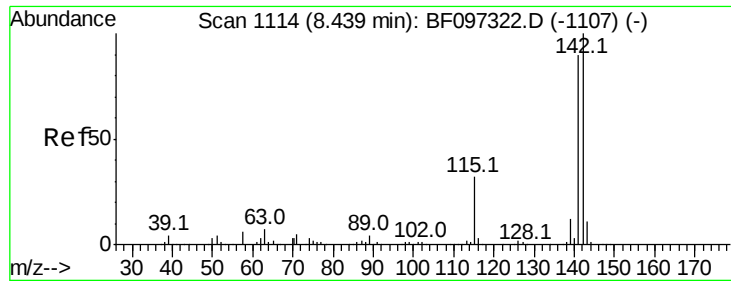
Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

142 80.0 73.4 110.0





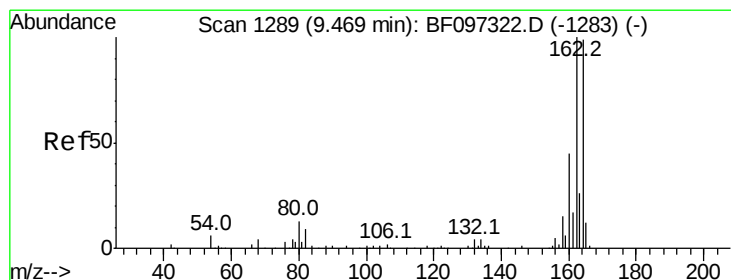
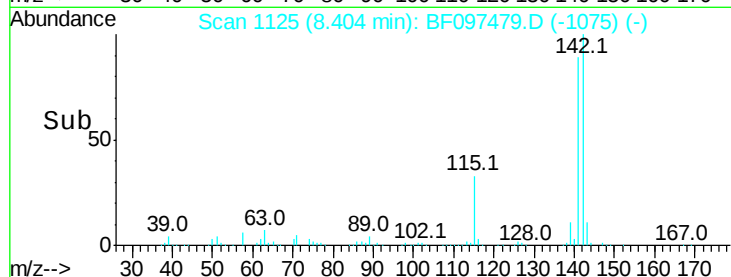
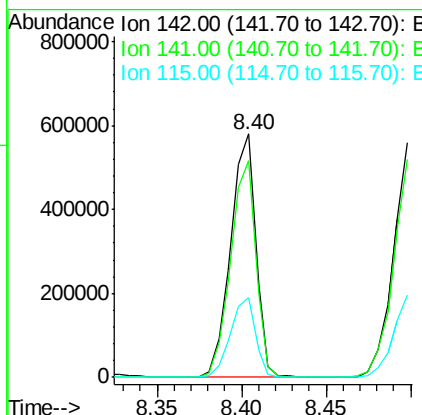
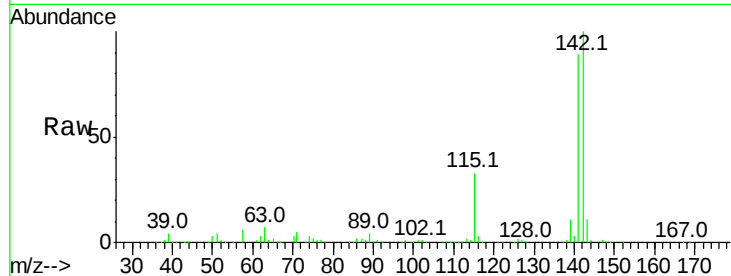
#37
 2-Methylnaphthalene
 Concen: 49.818 ng
 RT: 8.40 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	600956		
141	89.2		71.3	106.9
115	32.8		27.1	40.7

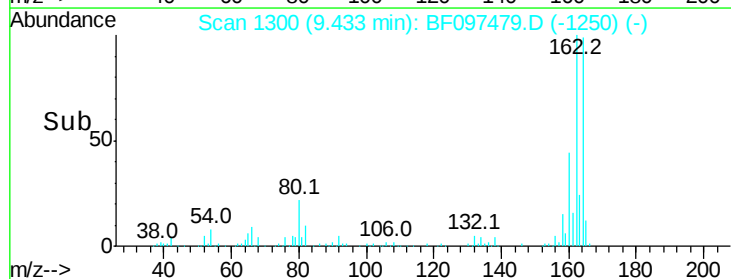
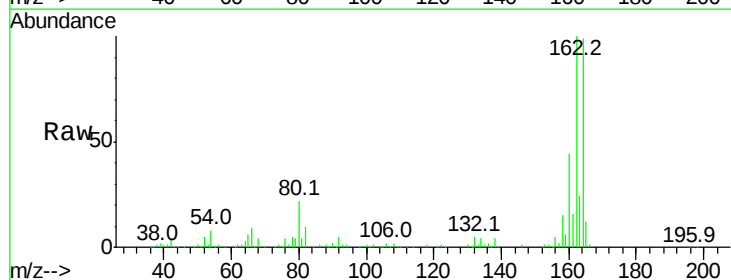
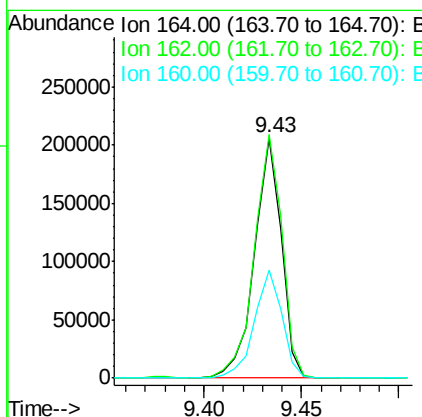
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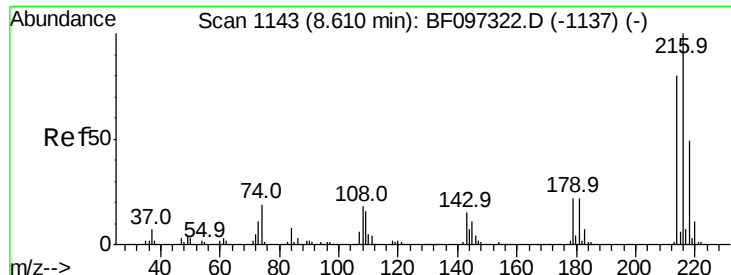
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	197455		
162	101.3		82.6	123.8
160	45.0		36.2	54.2





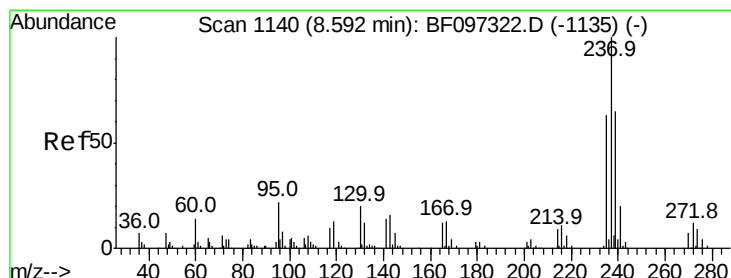
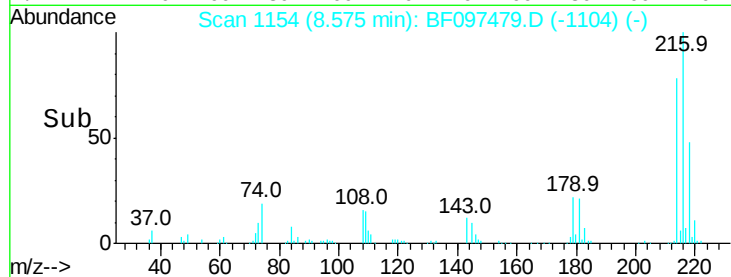
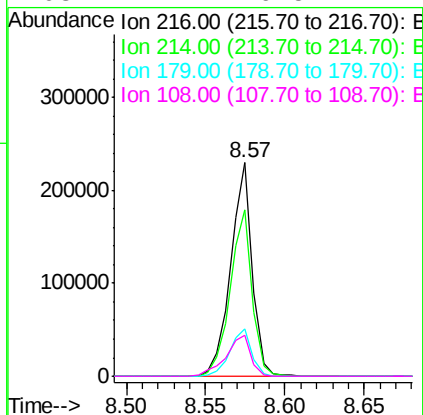
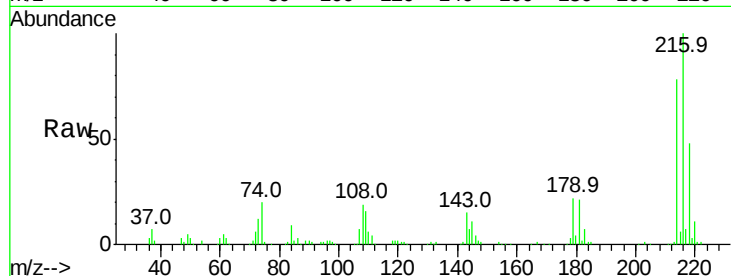
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.938 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.7	17.9	26.9
108	22.4	16.5	24.7

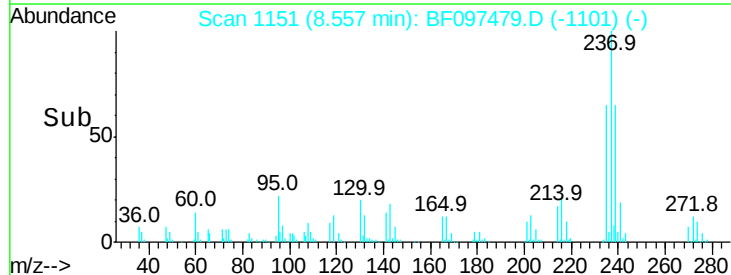
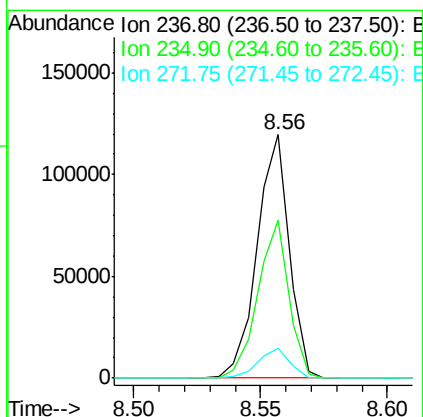
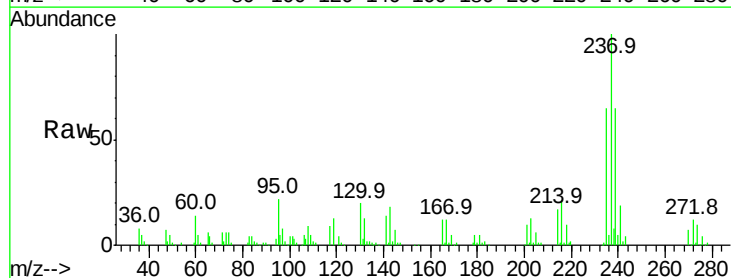
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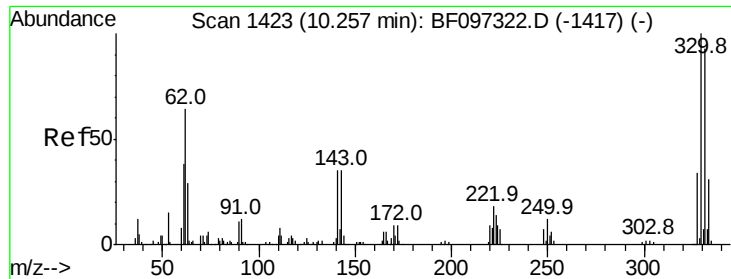
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#40
 Hexachlorocyclopentadiene
 Concen: 58.938 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.0	42.6	82.6
272	12.5	0.0	31.9





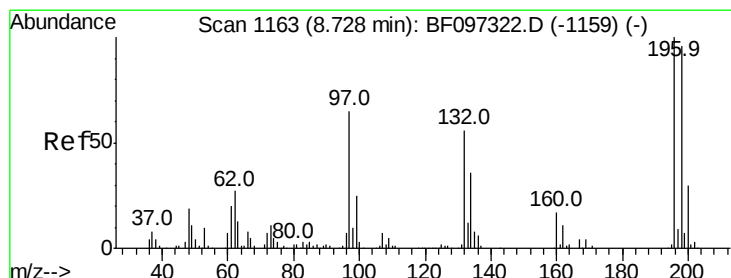
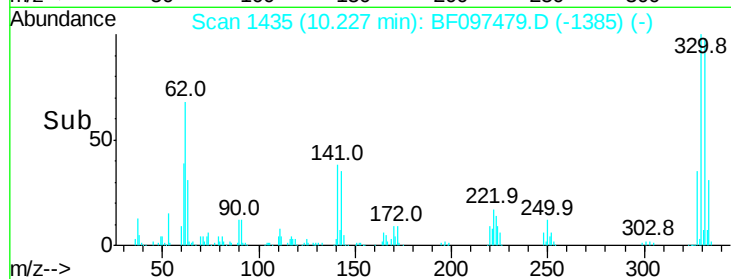
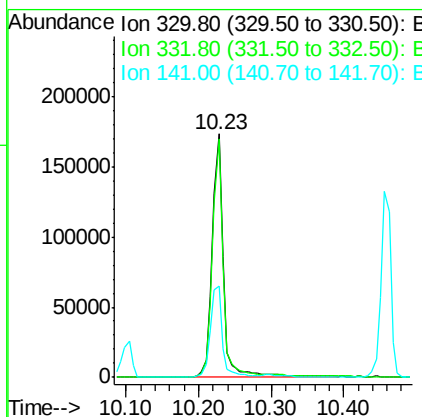
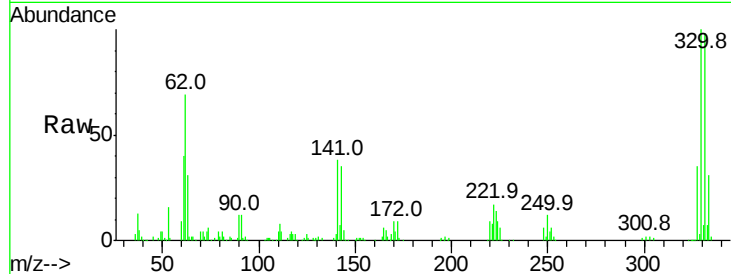
#41
 2,4,6-Tribromophenol
 Concen: 122.913 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	191754		
332	94.5	76.6	115.0	
141	39.4	31.4	47.2	

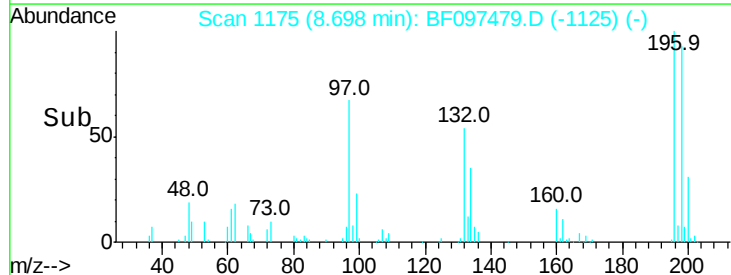
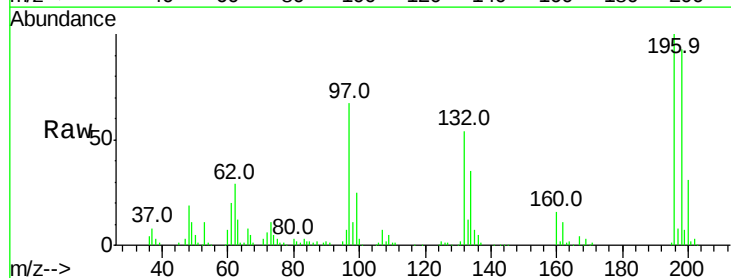
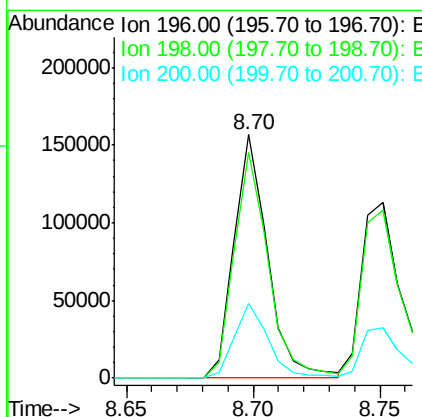
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#42
 2,4,6-Trichlorophenol
 Concen: 37.810 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144361		
198	92.7	74.2	111.4	
200	30.5	24.0	36.0	





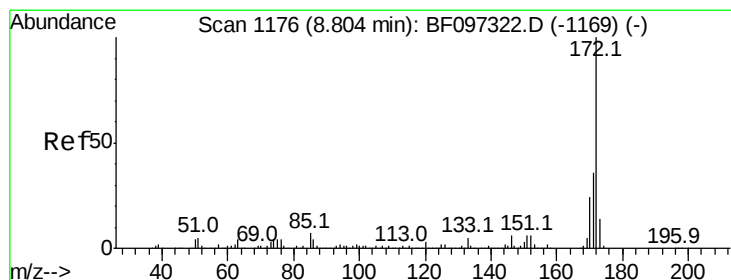
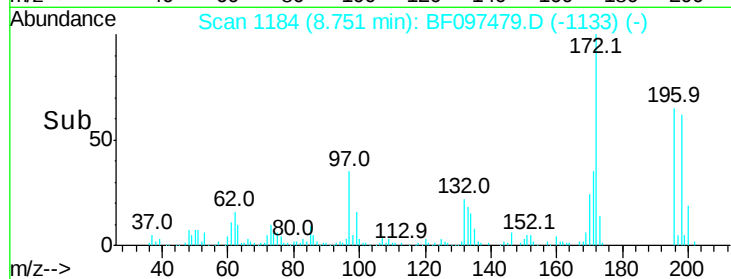
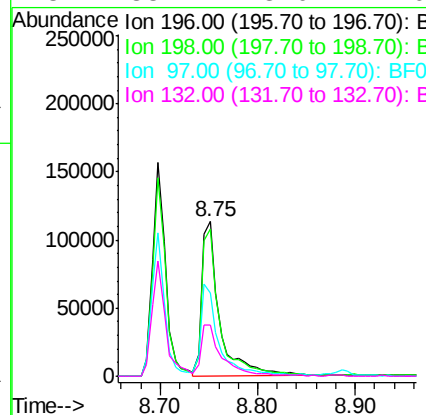
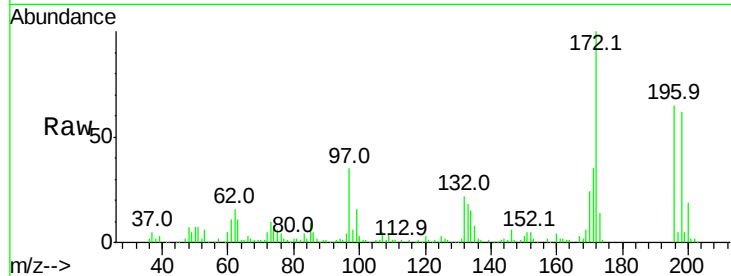
#43
 2,4,5-Trichlorophenol
 Concen: 37.745 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144242		
198	95.5	75.7	113.5	
97	53.6	47.7	71.5	
132	33.4	28.0	42.0	

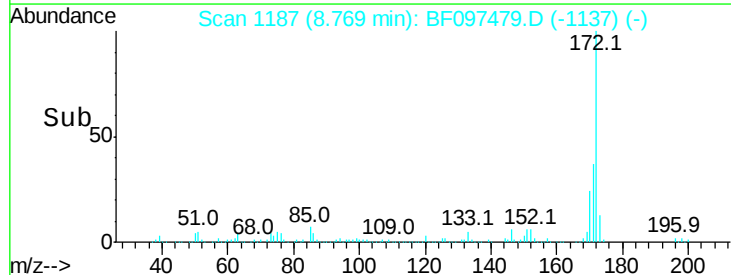
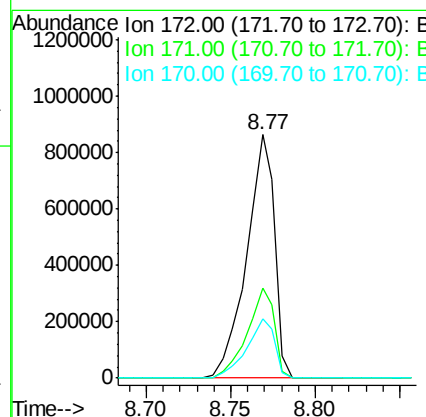
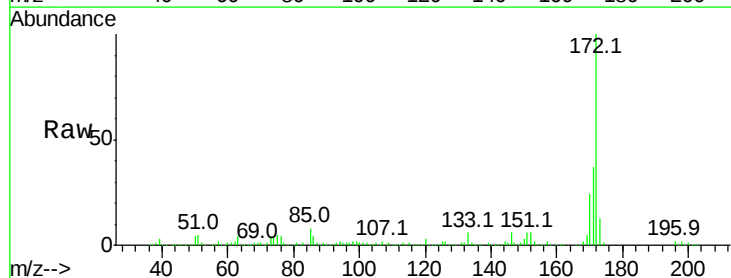
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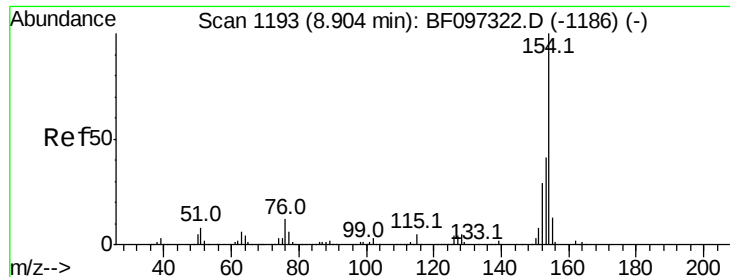
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.451 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	994209		
171	36.9	29.6	44.4	
170	24.2	19.8	29.8	





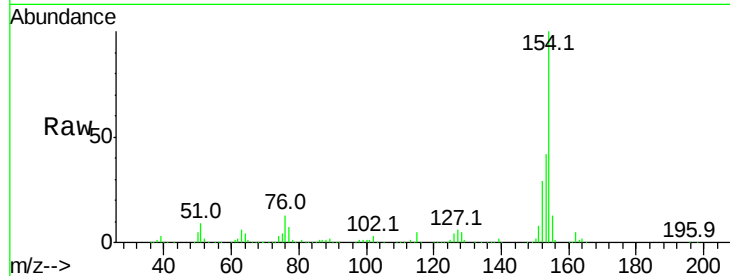
#45
 1,1'-Biphenyl
 Concen: 39.465 ng
 RT: 8.87 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

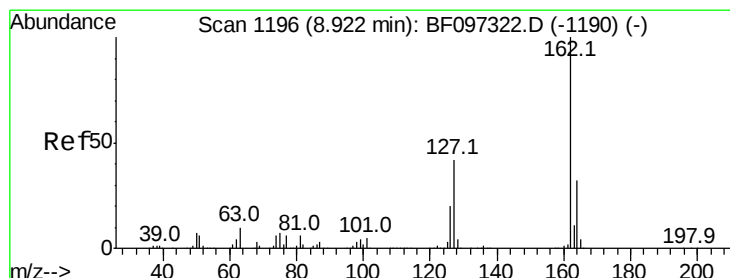
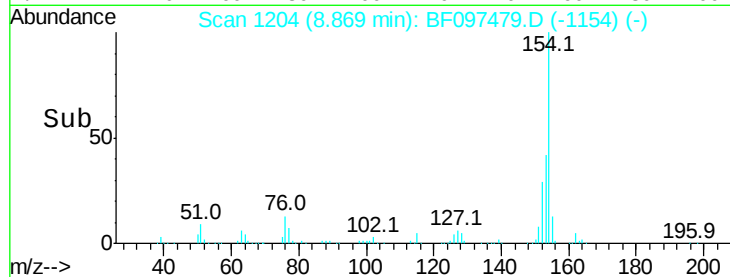
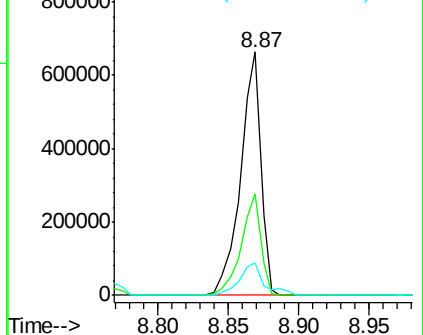
Tot Ion:	154	Resp:	665589
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.2	61.2
76	13.3	0.0	29.9

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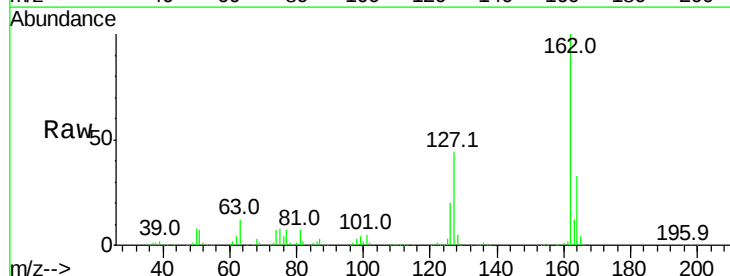


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

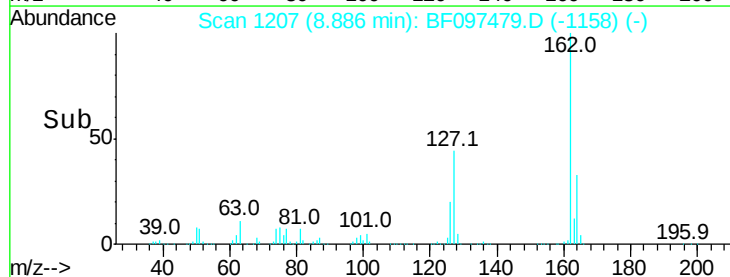
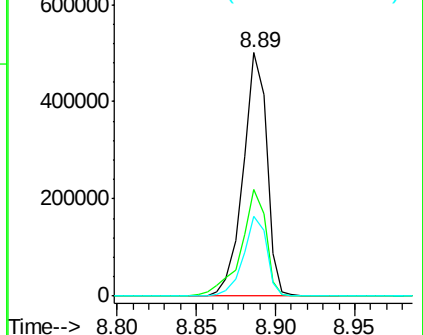


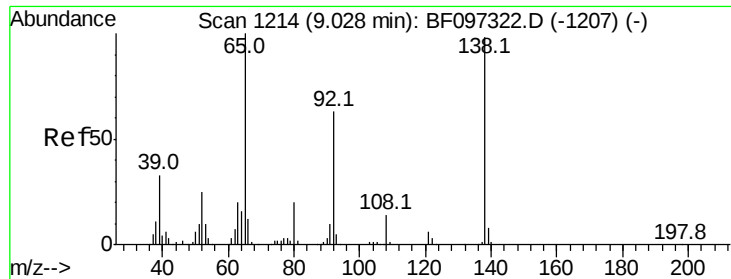
#46
 2-Chloronaphthalene
 Concen: 41.657 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion:	162	Resp:	517004
Ion Ratio	Lower	Upper	
162	100		
127	43.8	28.3	42.5#
164	32.6	27.0	40.4



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: 46.610 ng

RT: 9.00 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

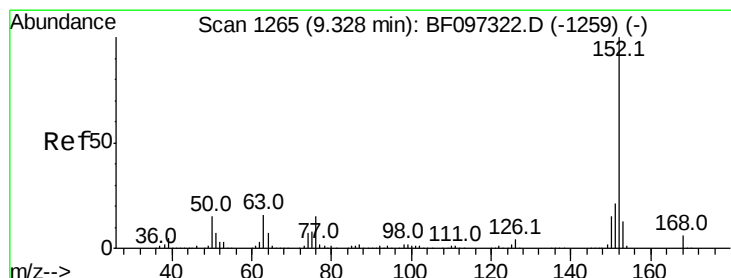
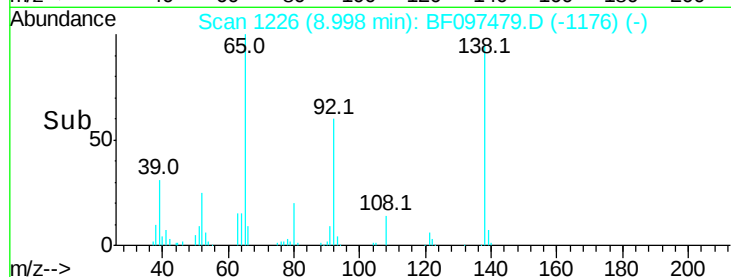
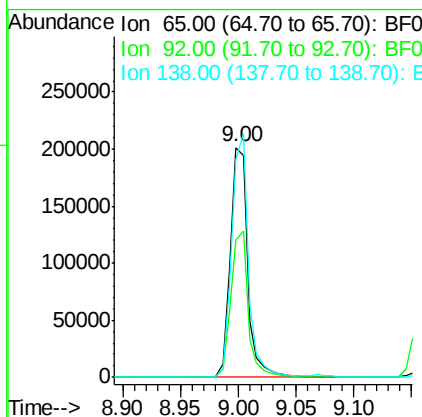
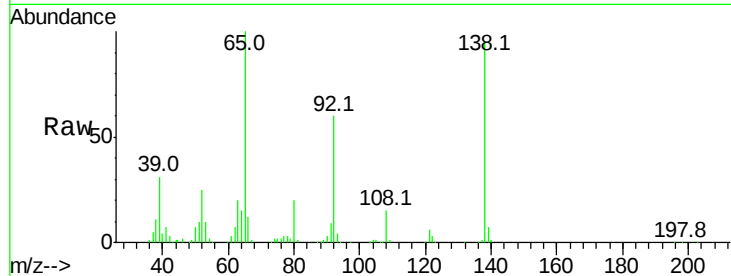
ClientSampled :

PB101345BS

Tot Ion:	65	Resp:	209936
Ion Ratio	Lower	Upper	
65	100		
92	60.0	53.9	80.9
138	94.8	78.8	118.2

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#48

Acenaphthylene

Concen: 41.935 ng

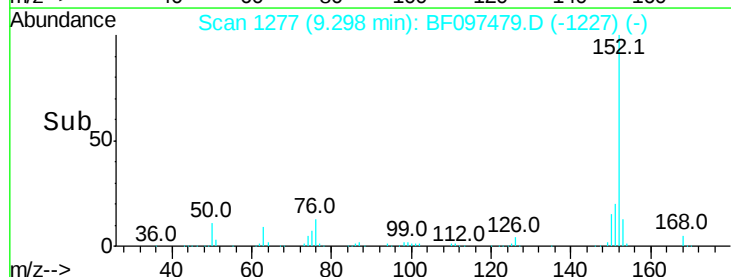
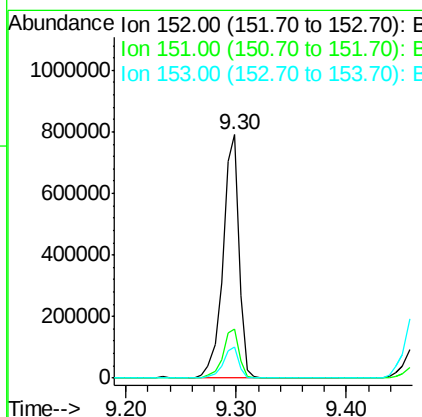
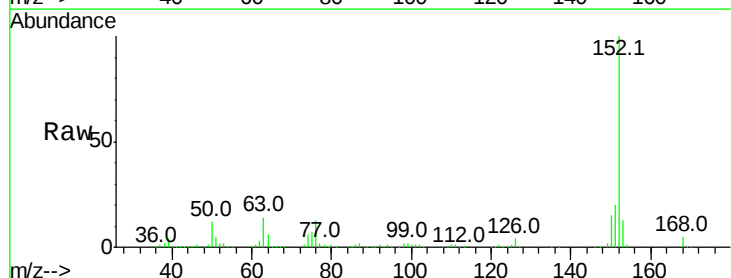
RT: 9.30 min Scan# 1277

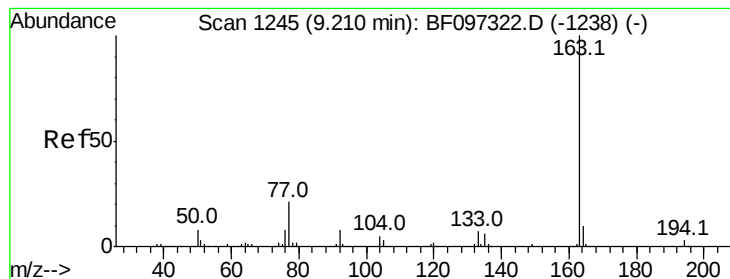
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	152	Resp:	798857
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.8	25.2
153	12.8	10.8	16.2





#49

Dimethylphthalate

Concen: 41.180 ng

RT: 9.18 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

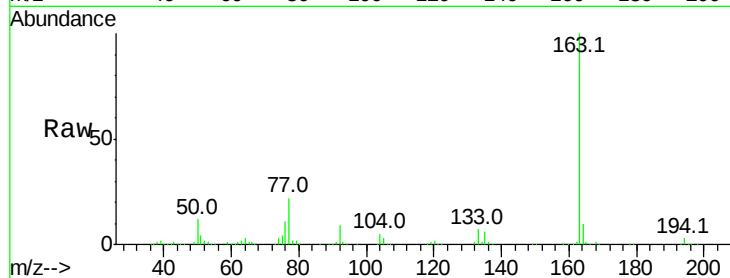
ClientSampleId :

PB101345BS

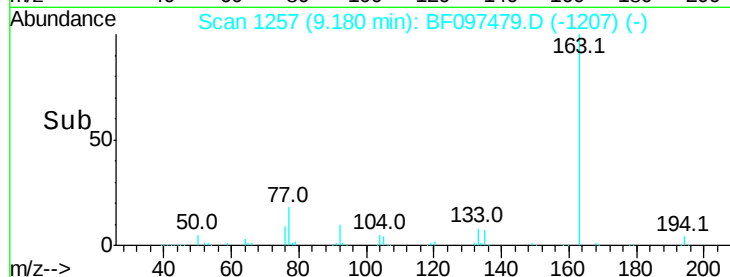
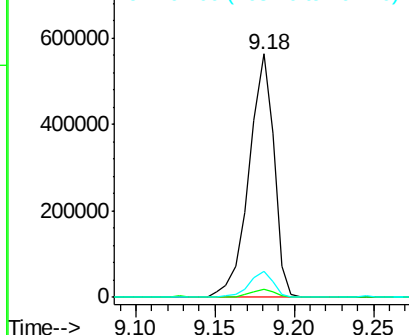
Tot Ion:	163	Resp:	617473
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6

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



#50

2,6-Dinitrotoluene

Concen: 42.219 ng

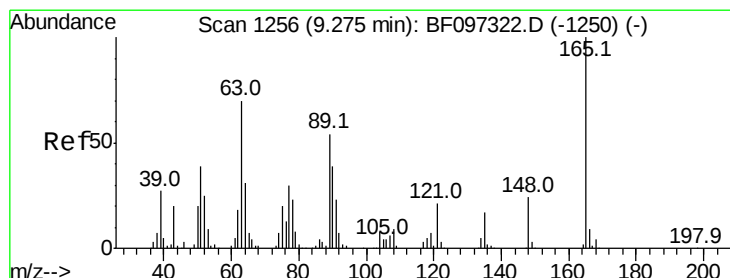
RT: 9.25 min Scan# 1268

Delta R.T. -0.01 min

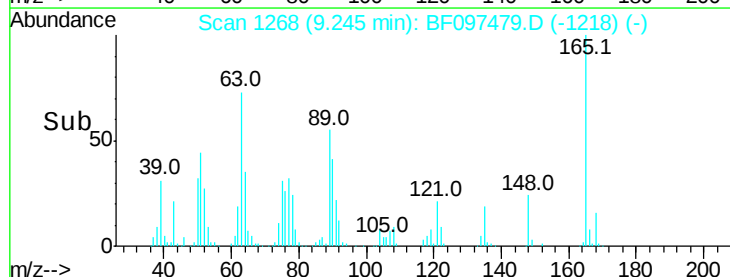
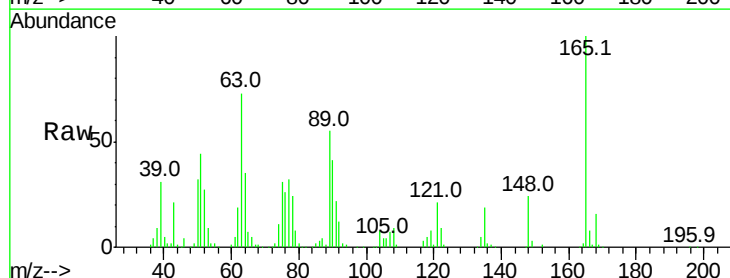
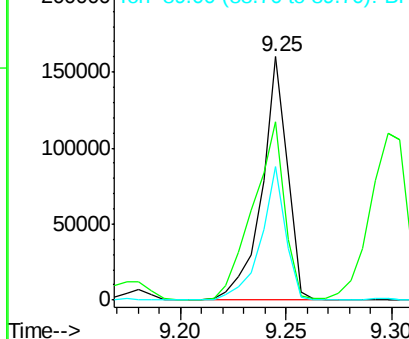
Lab File: BF097479.D

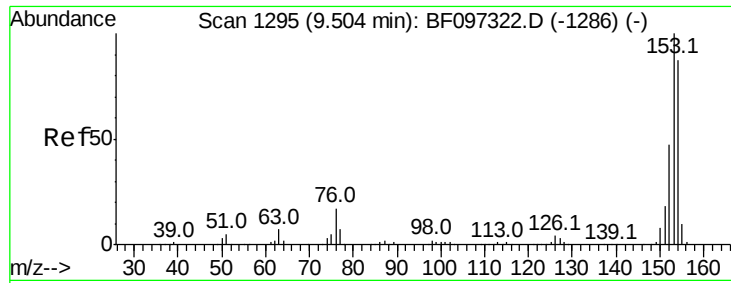
Acq: 8 Aug 2017 20:16

Tgt Ion:	165	Resp:	134265
Ion Ratio	Lower	Upper	
165	100		
63	73.2	34.3	51.5#
89	54.9	37.1	55.7



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





#51

Acenaphthene

Concen: 41.856 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

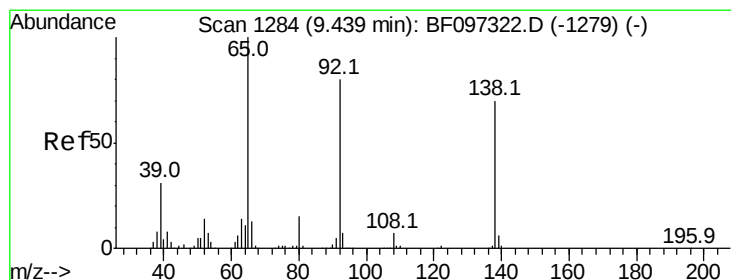
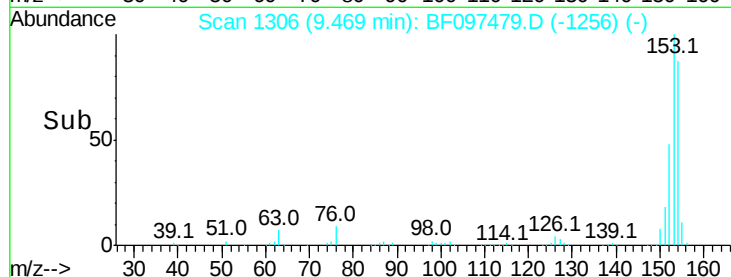
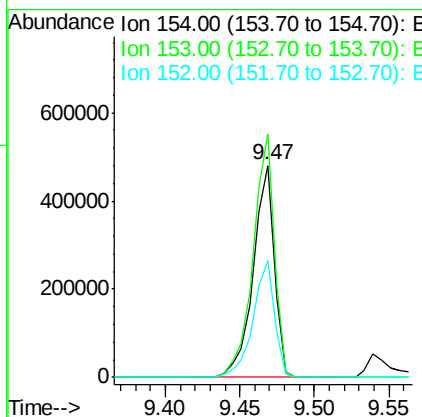
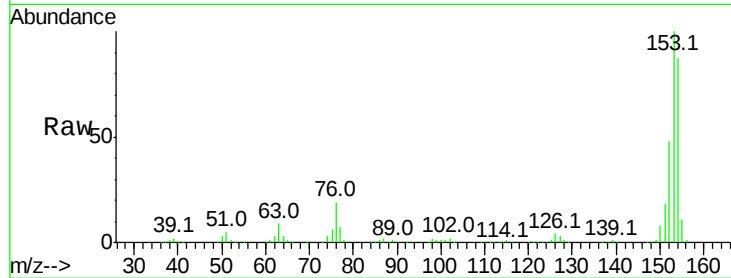
ClientSampleId :

PB101345BS

Tot Ion:	154	Resp:	469668
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.5	135.7
152	55.3	43.6	65.4

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#52

3-Nitroaniline

Concen: 27.026 ng

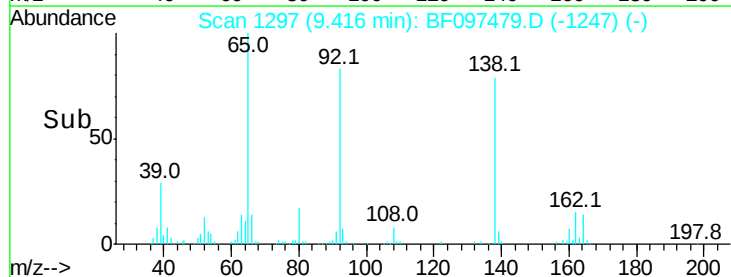
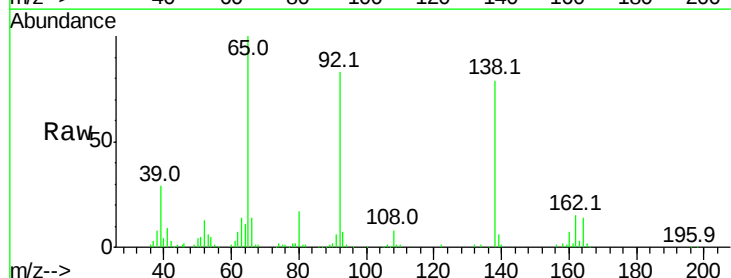
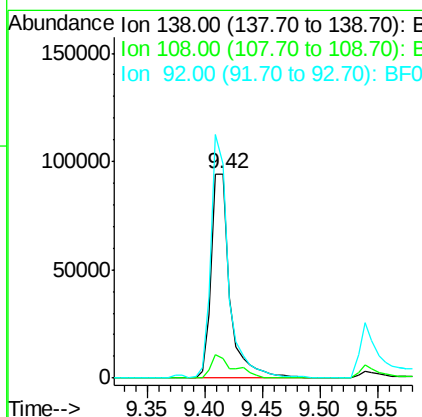
RT: 9.42 min Scan# 1297

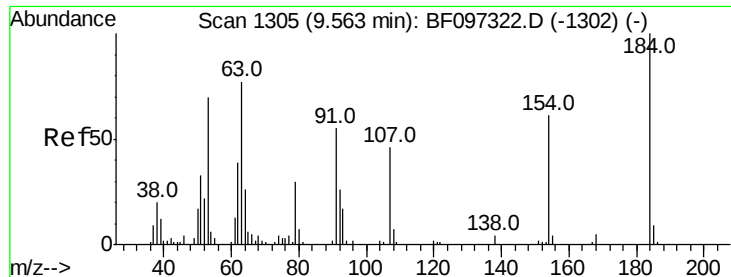
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	138	Resp:	106682
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.1	13.7
92	104.8	93.8	140.6





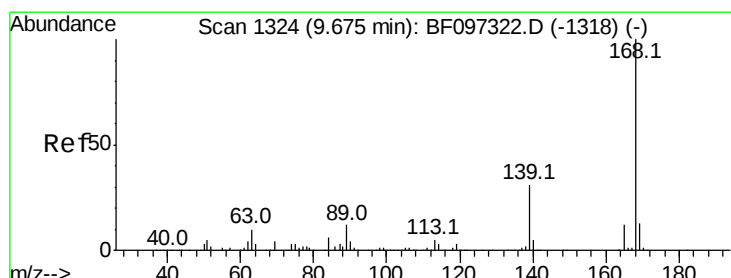
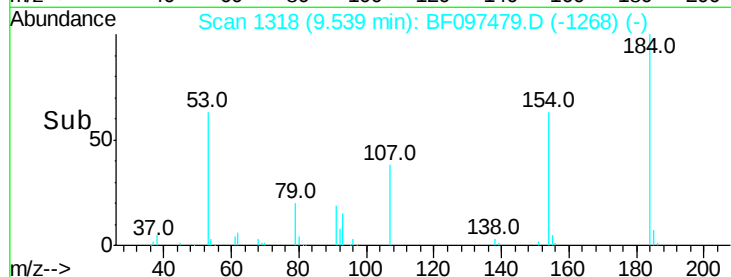
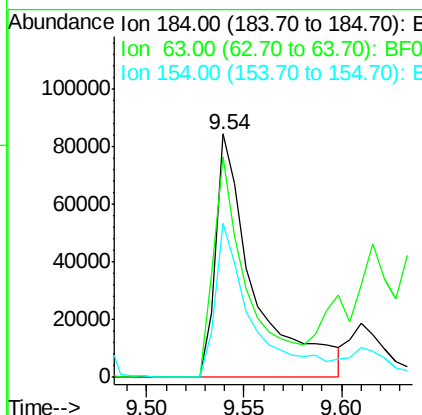
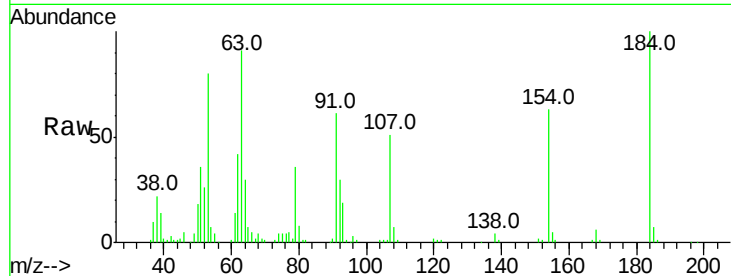
#53
 2,4-Dinitrophenol
 Concen: 80.505 ng
 RT: 9.54 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampled :
 PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	90.6	62.7	94.1	
154	63.0	81.1	121.7	

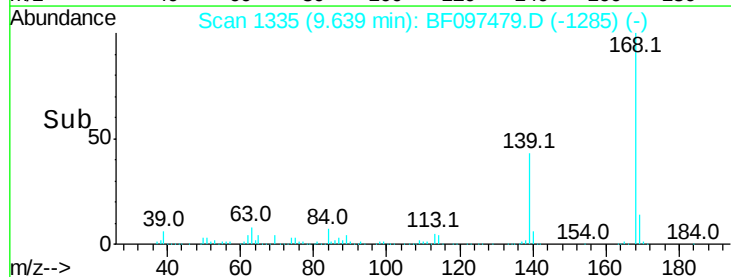
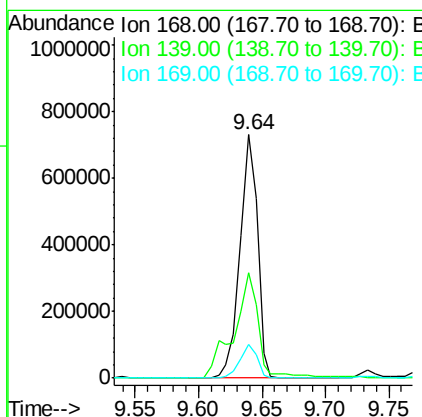
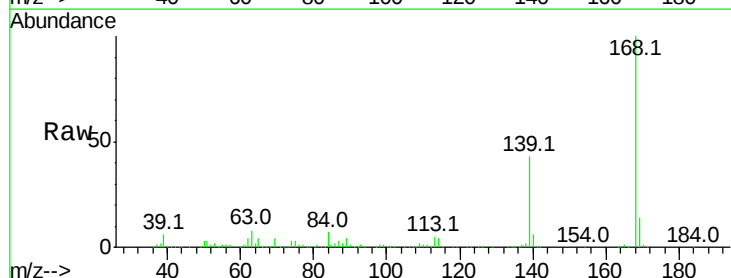
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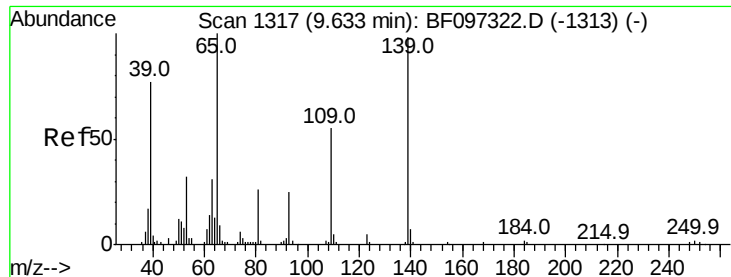
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#54
 Dibenzofuran
 Concen: 46.583 ng
 RT: 9.64 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.3	30.6	45.8	
169	13.7	10.8	16.2	





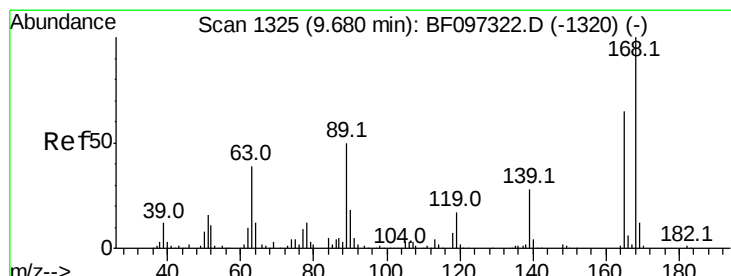
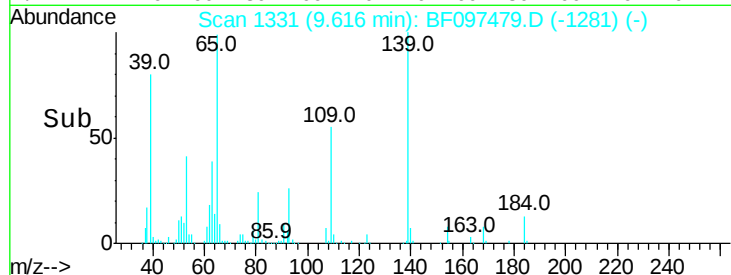
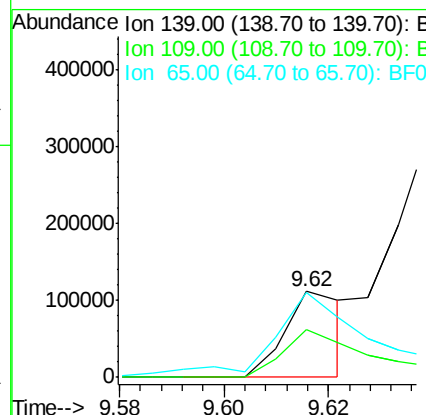
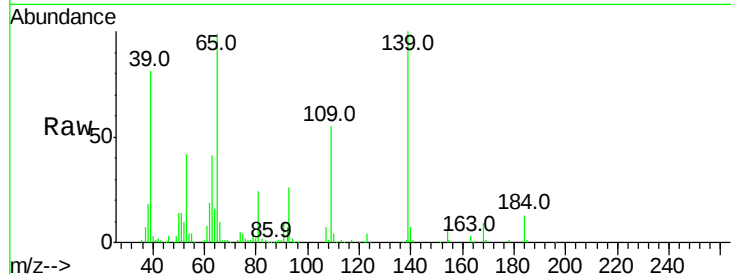
#55
4-Nitrophenol
Concen: 37.488 ng/ml
RT: 9.62 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	55.4	34.1	74.1
65	99.0	31.4	71.4

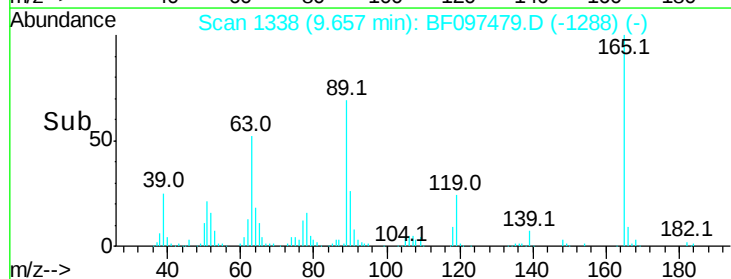
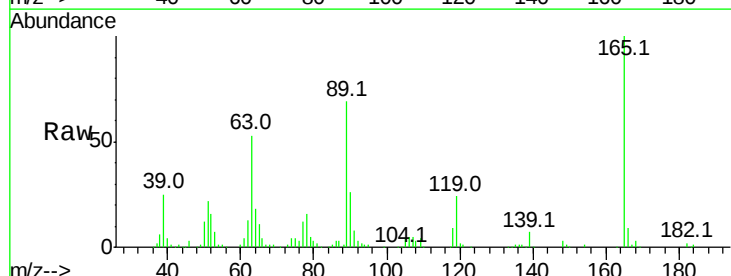
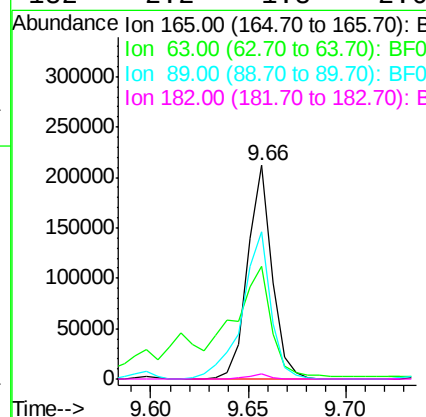
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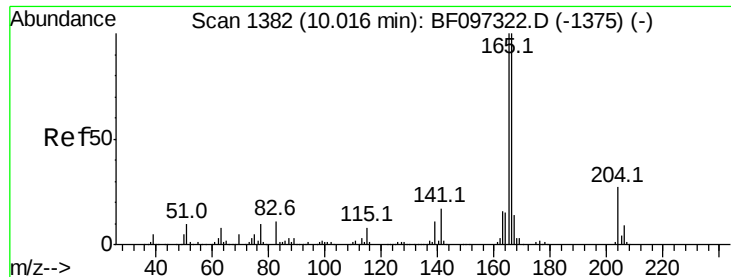
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#56
2,4-Dinitrotoluene
Concen: 50.036 ng/ml
RT: 9.66 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.6	25.4	38.0
89	68.8	46.4	69.6
182	2.2	1.8	2.6





#57

Fluorene

Concen: 44.244 ng

RT: 9.98 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

Tot Ion:166 Resp: 497012

Ion Ratio Lower Upper

166 100

165 100.1 78.8 118.2

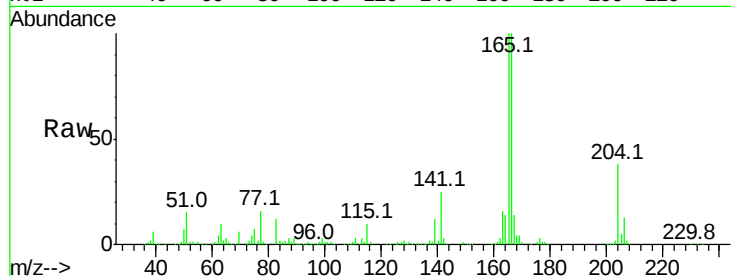
167 13.6 10.6 16.0

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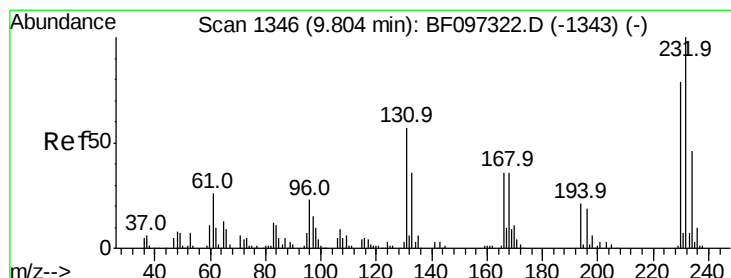
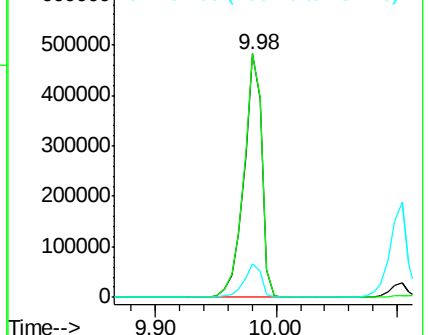
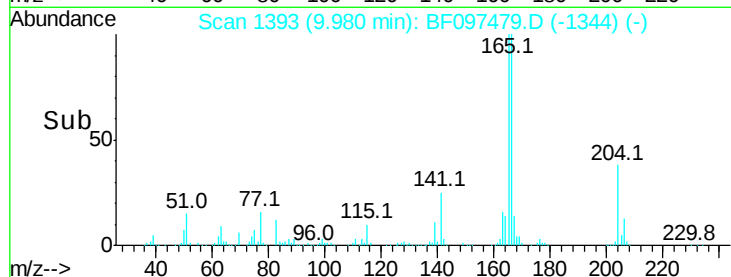
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 45.745 ng

RT: 9.77 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:232 Resp: 120704

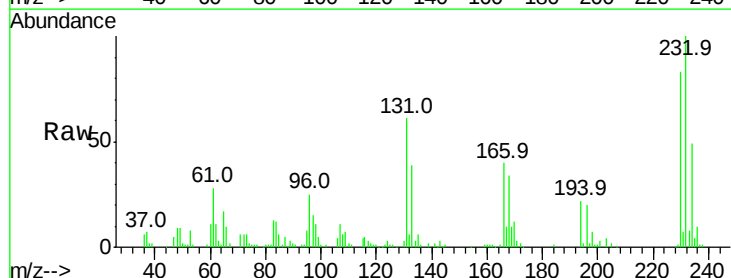
Ion Ratio Lower Upper

232 100

131 54.5 44.8 67.2

130 2.6 2.3 3.5

166 35.0 29.0 43.4

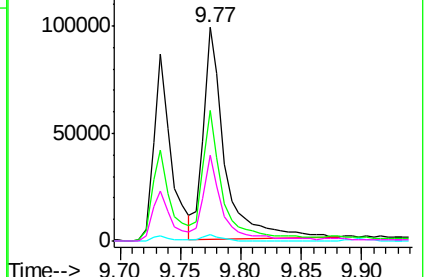
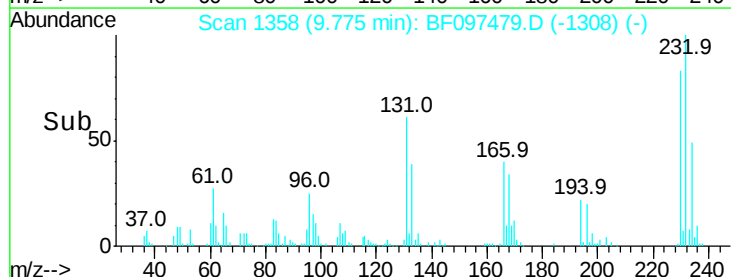


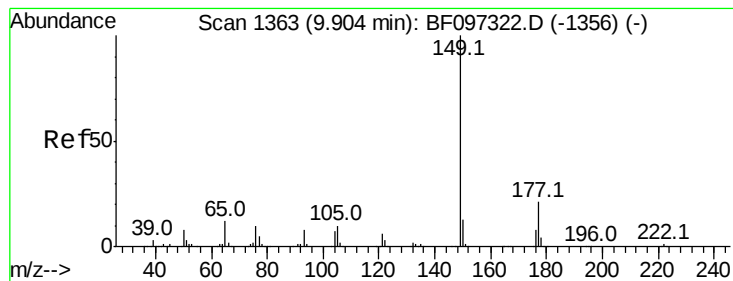
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.573 ng

RT: 9.88 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

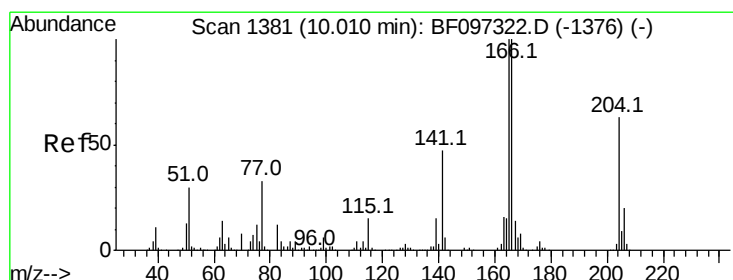
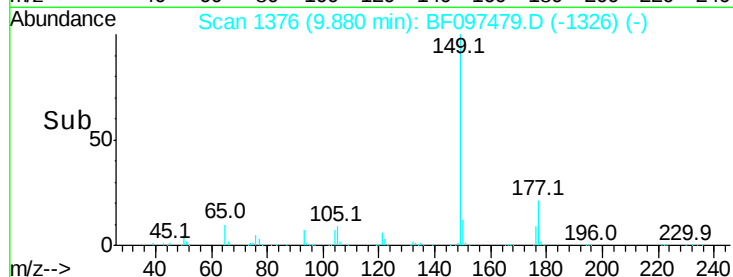
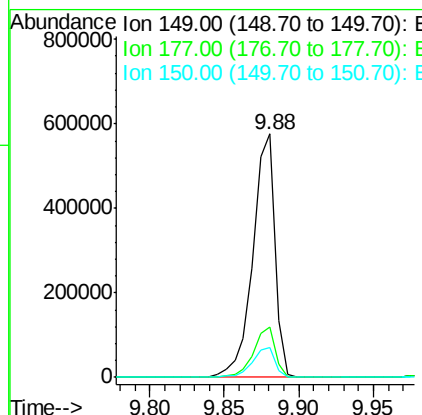
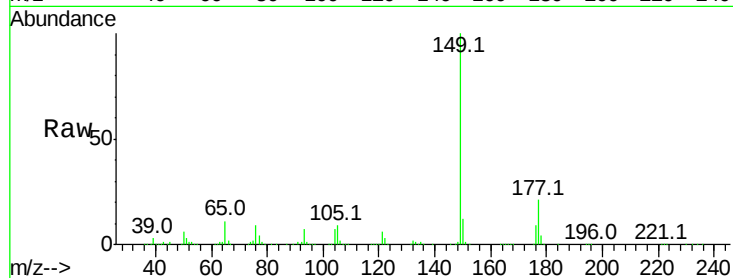
ClientSampled :

PB101345BS

Tot Ion:	149	Resp:	585652
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.7	25.1
150	12.2	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 43.275 ng

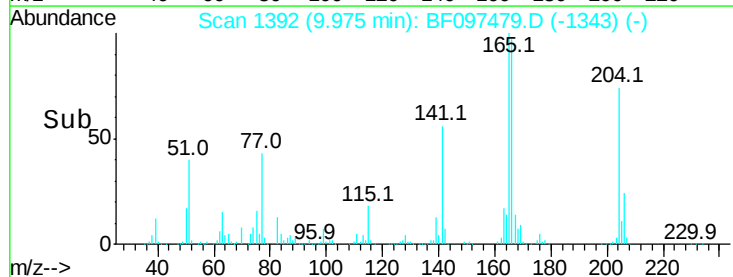
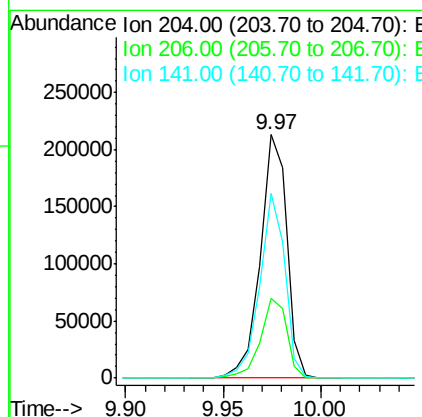
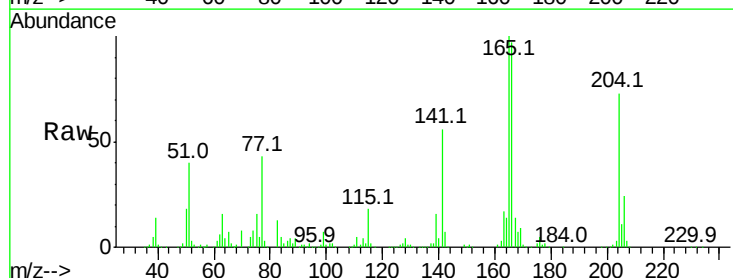
RT: 9.97 min Scan# 1392

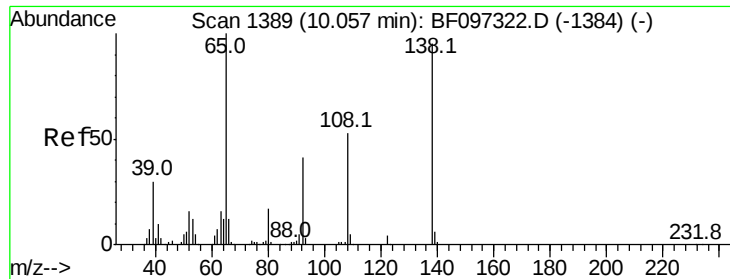
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	204	Resp:	200746
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.2	39.2
141	76.0	60.8	91.2





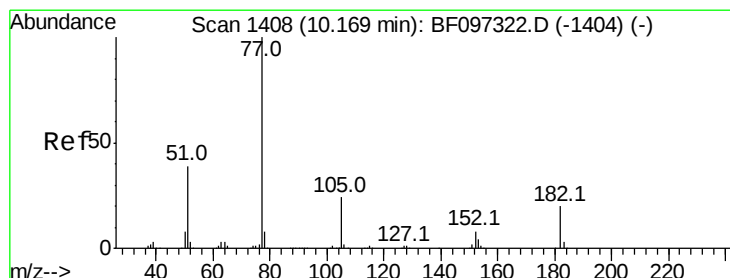
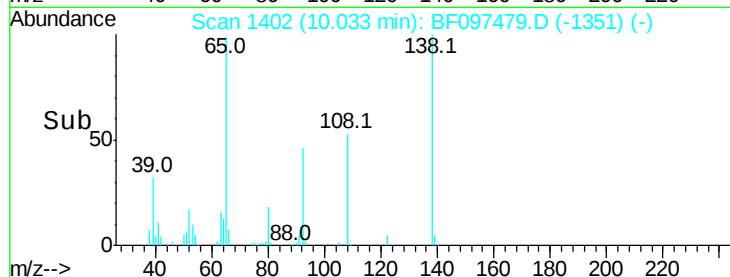
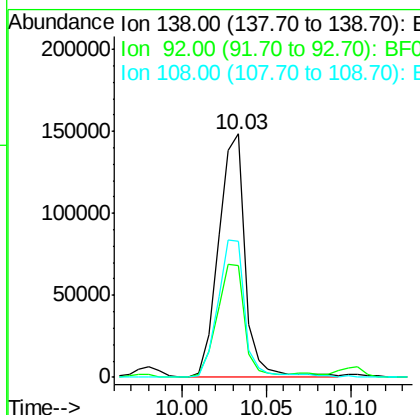
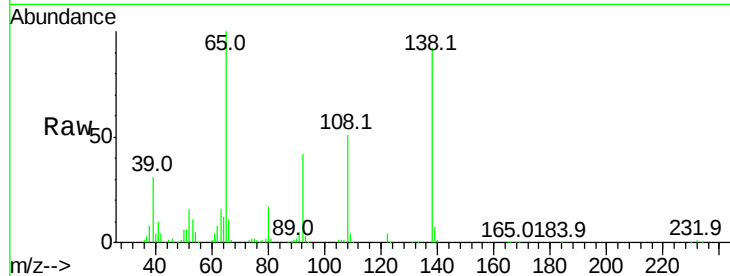
#61
4-Nitroaniline
Concen: 43.554 ng
RT: 10.03 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.0	21.8	61.8
108	55.8	42.3	82.3

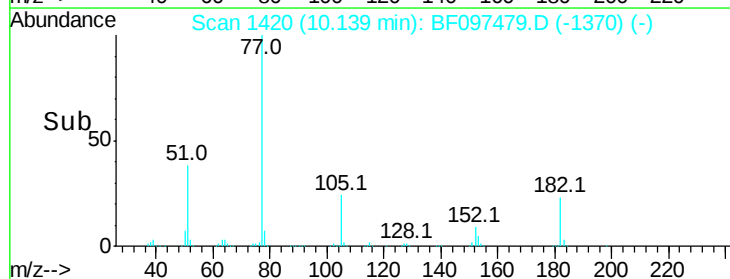
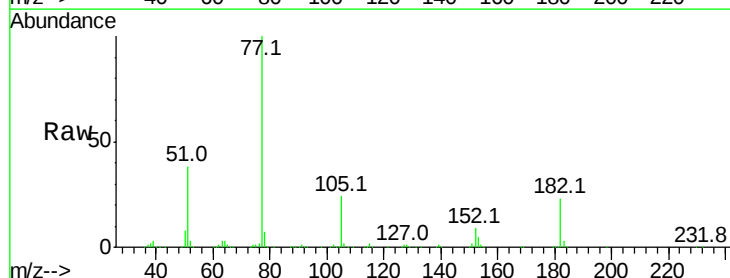
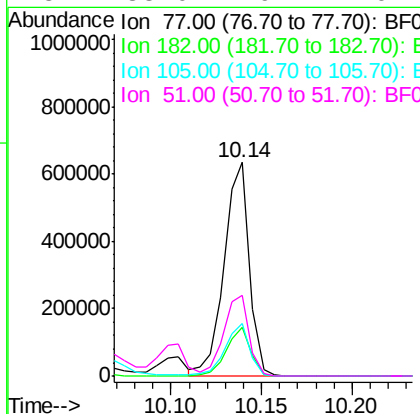
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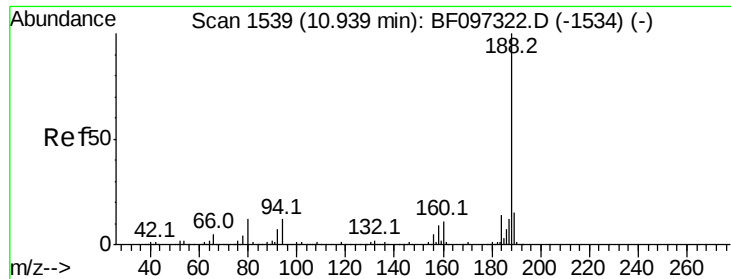
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#62
Azobenzene
Concen: 47.904 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.1	40.1
105	24.4	3.6	43.6
51	38.0	9.4	49.4





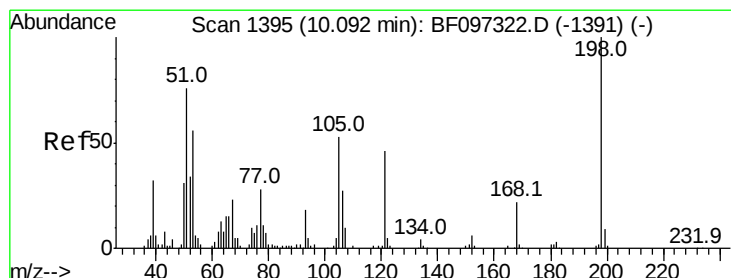
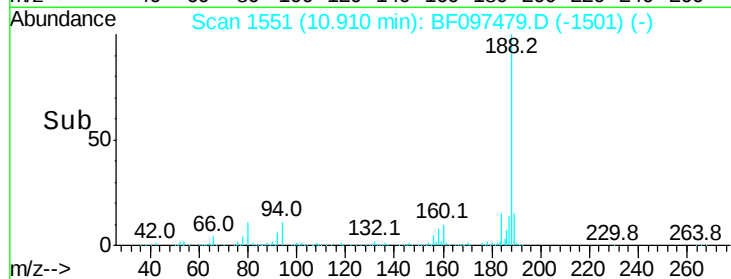
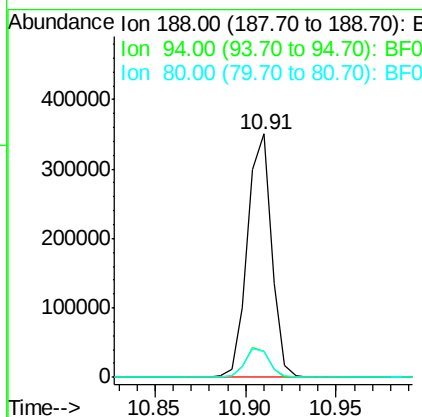
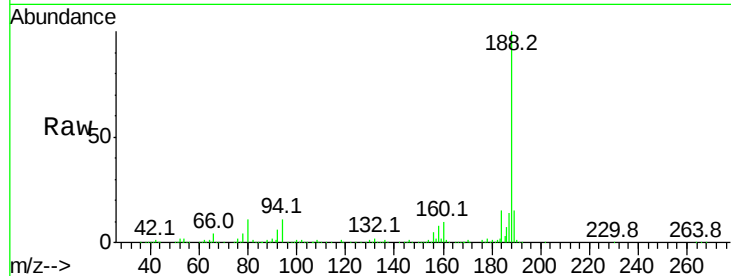
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	324732		
94	10.7		9.4	14.2
80	10.9		10.2	15.2

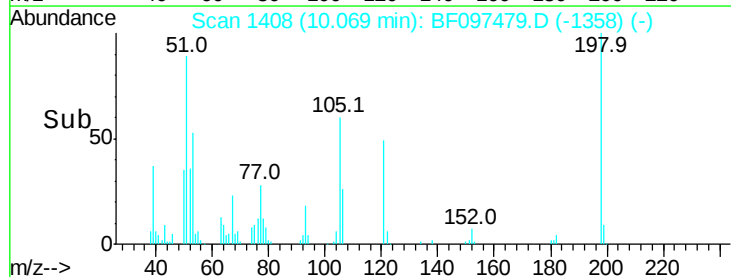
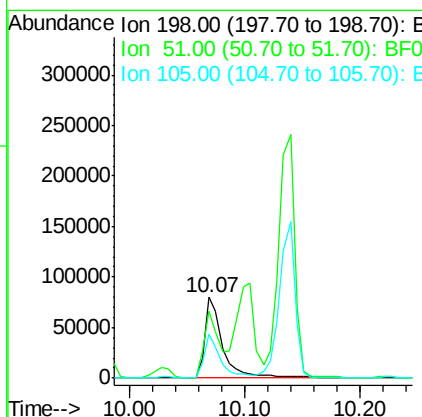
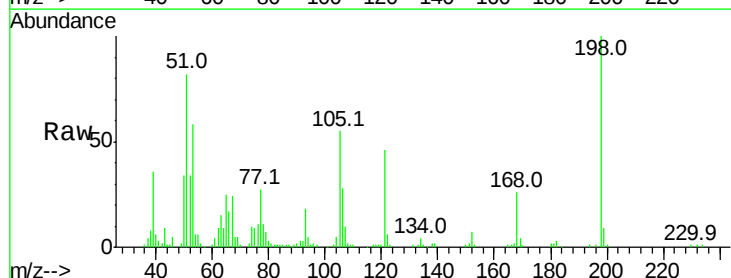
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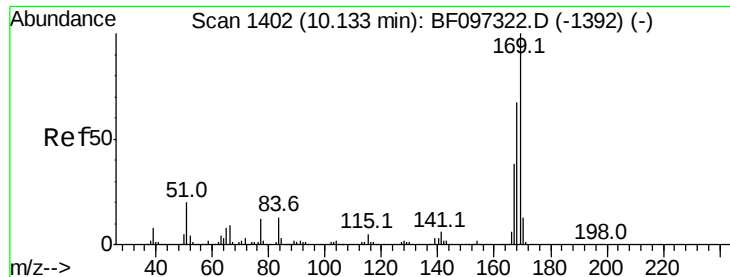
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.372 ng
RT: 10.07 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87518		
51	82.3		53.2	93.2
105	55.0		45.8	85.8





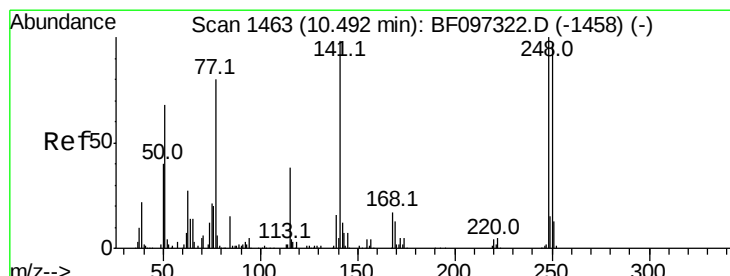
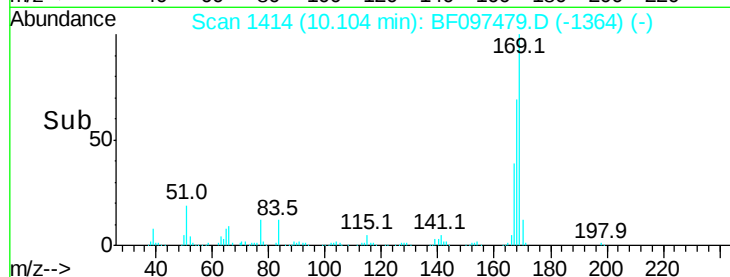
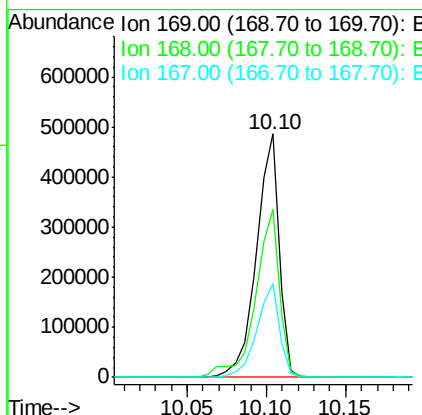
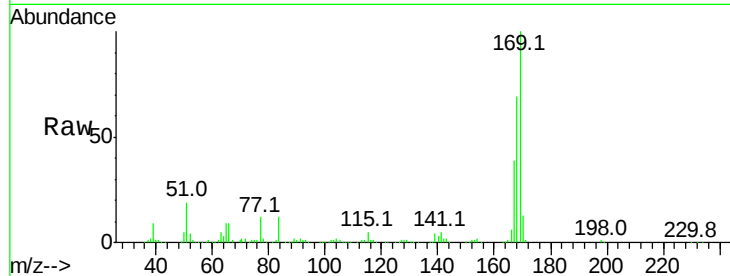
#65
n-Nitrosodiphenylamine
Concen: 43.045 ng
RT: 10.10 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.2	79.8
167	38.7	29.5	44.3

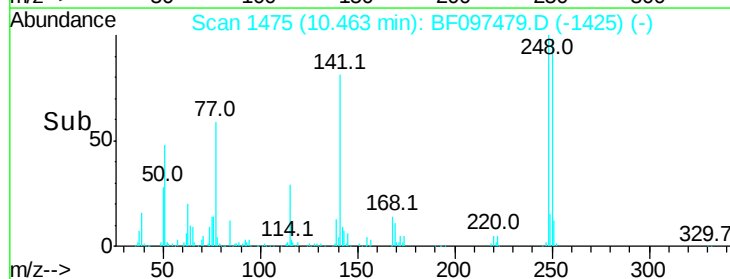
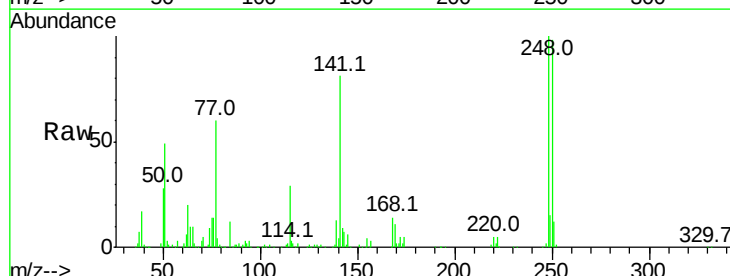
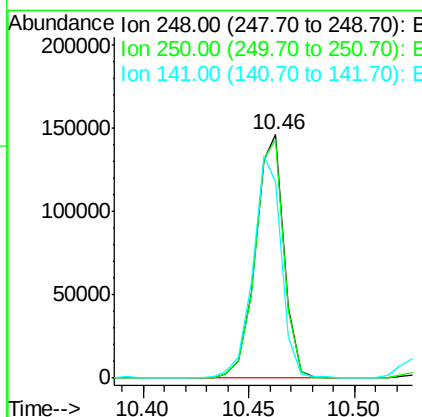
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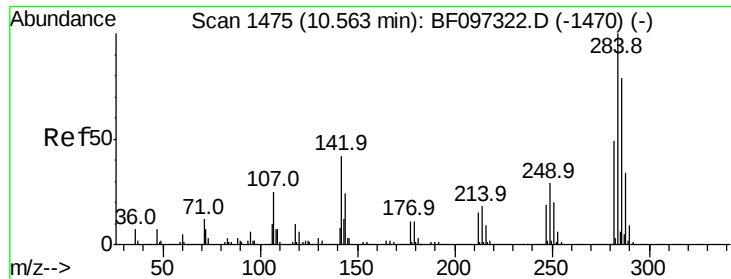
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#66
4-Bromophenyl-phenylether
Concen: 42.274 ng
RT: 10.46 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.8	115.2
141	80.6	68.6	103.0





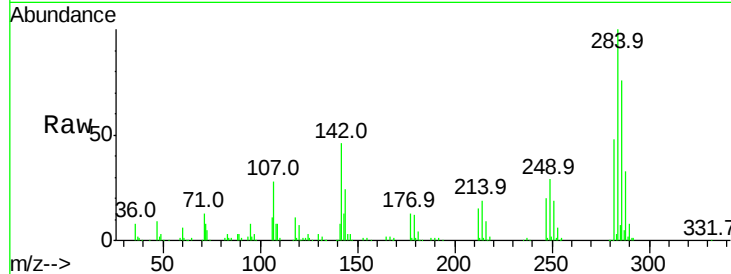
#67
Hexachlorobenzene
Concen: 40.297 ng
RT: 10.53 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

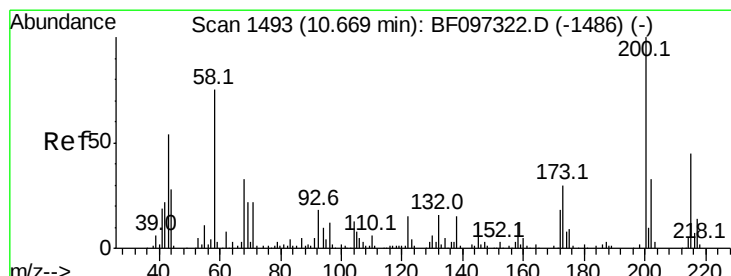
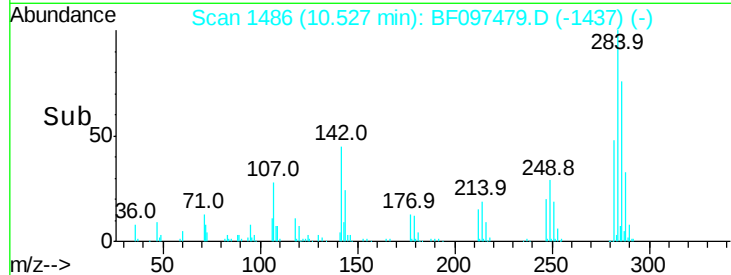
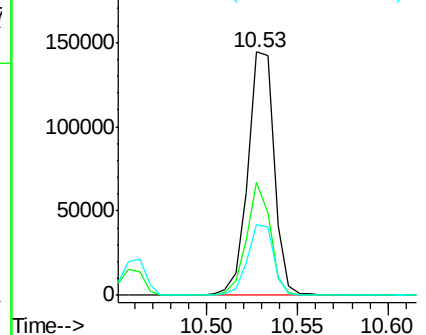
Tot Ion	Ratio	Resp	Lower	Upper
284	100	146445		
142	46.4	22.8	34.2	#
249	29.3	24.0	36.0	

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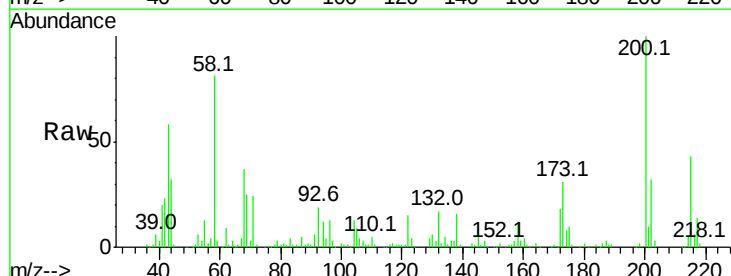


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

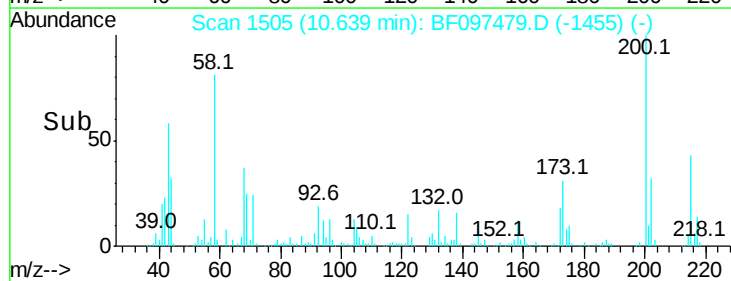
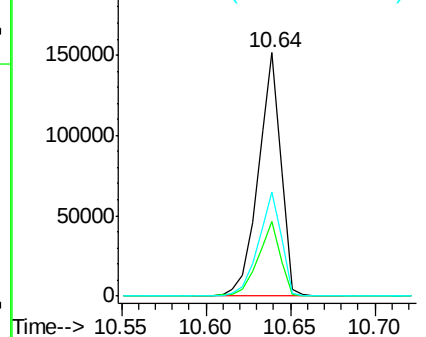


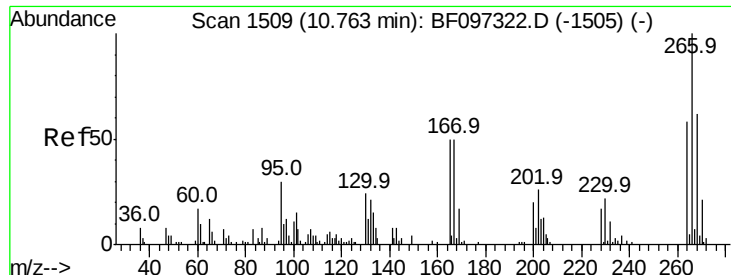
#68
Atrazine
Concen: 43.691 ng
RT: 10.64 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	141557		
173	30.8	6.3	46.3	
215	42.9	27.2	67.2	



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





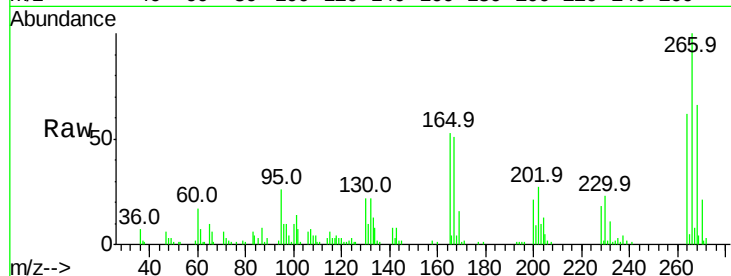
#69
 Pentachlorophenol
 Concen: 57.205 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

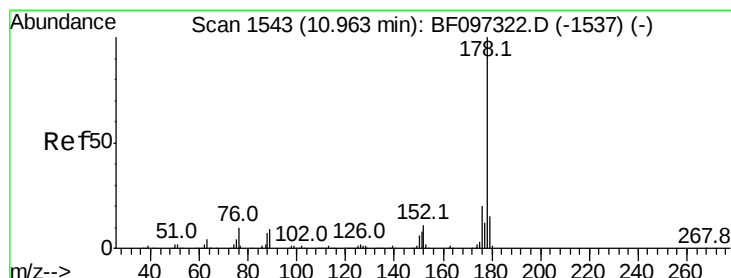
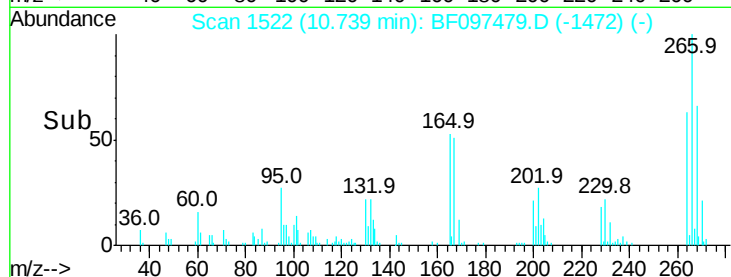
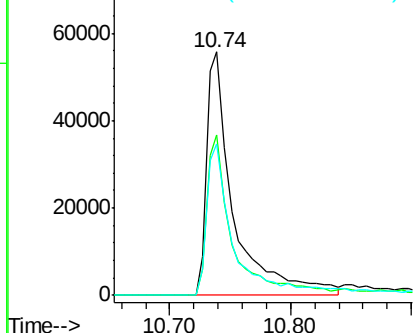
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.9	51.1	76.7	
264	62.2	51.7	77.5	

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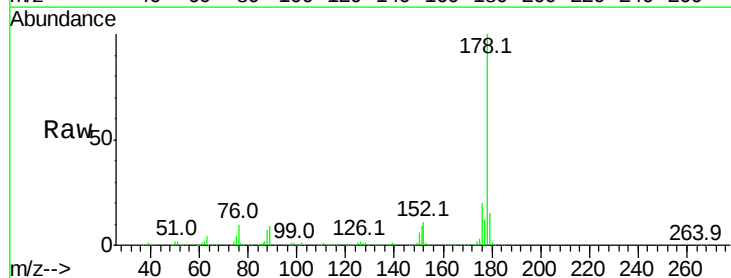


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

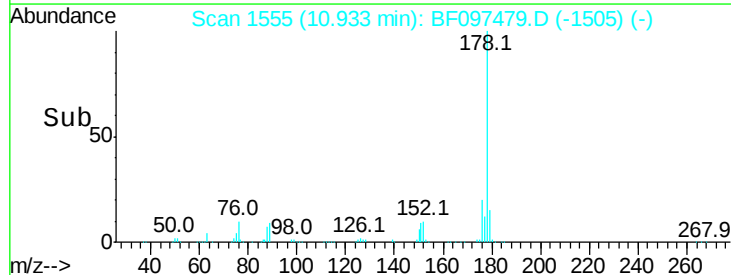
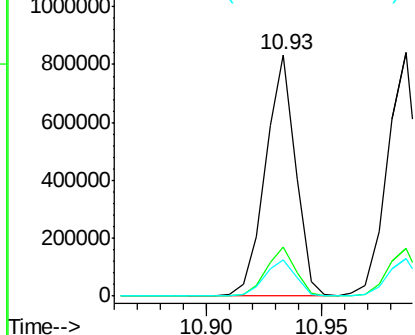


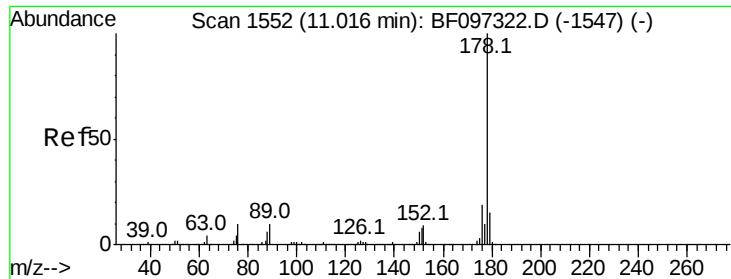
#70
 Phenanthrene
 Concen: 43.379 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.2	16.2	24.4	
179	15.0	12.6	19.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





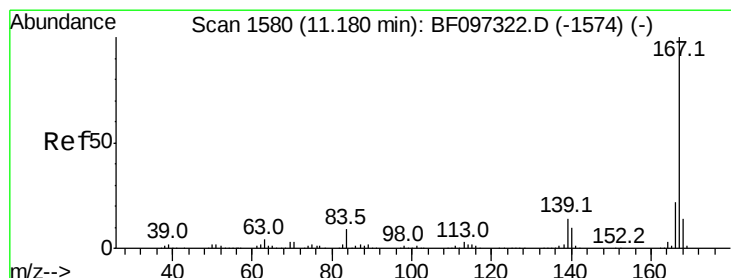
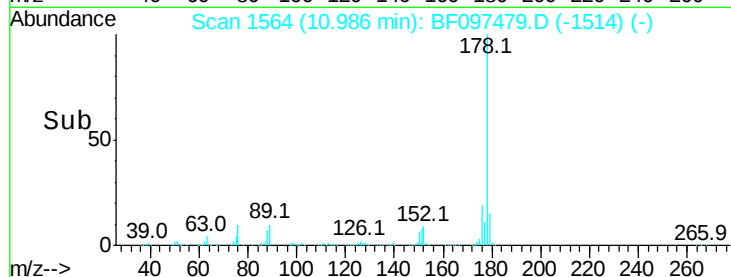
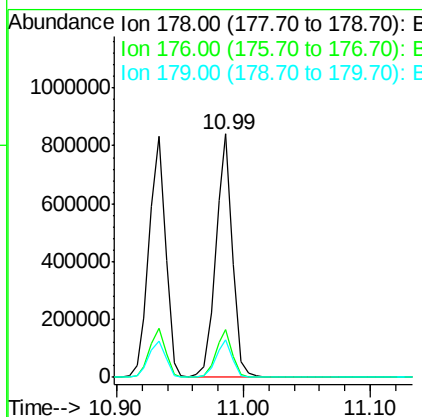
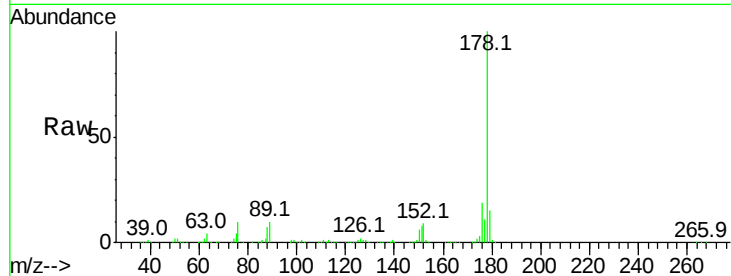
#71
 Anthracene
 Concen: 43.671 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampled :
 PB101345BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.7	19.1

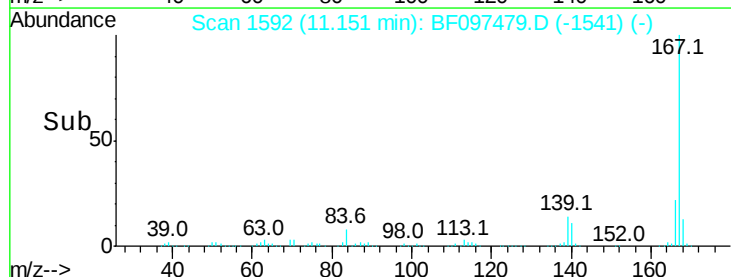
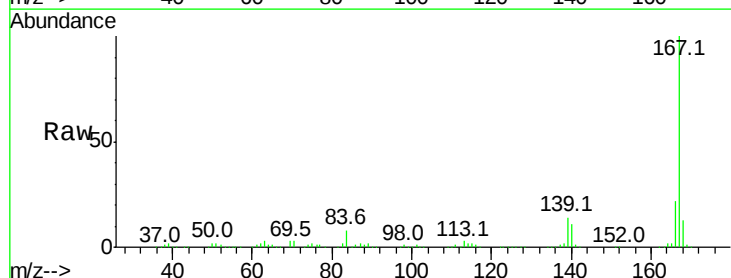
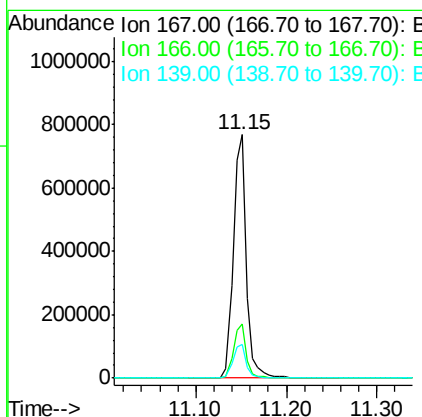
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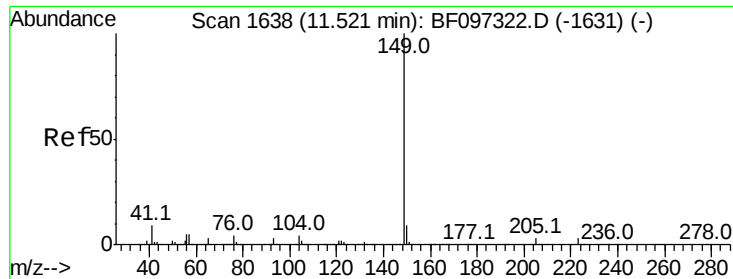
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#72
 Carbazole
 Concen: 44.047 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.8	11.7	17.5





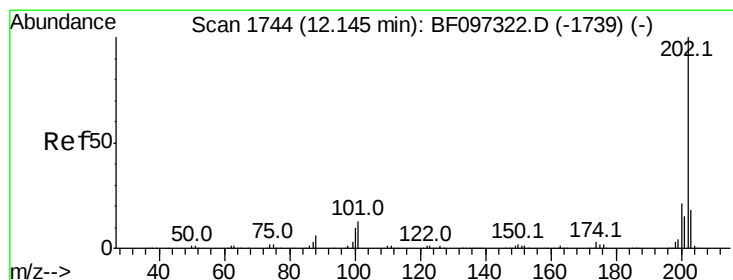
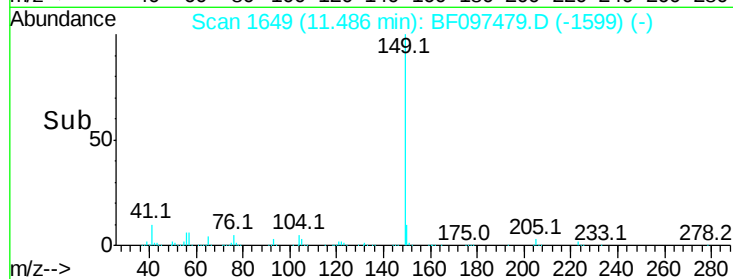
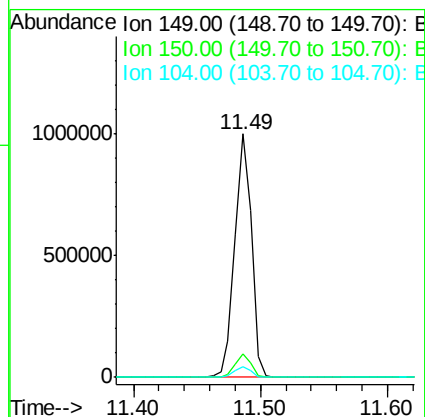
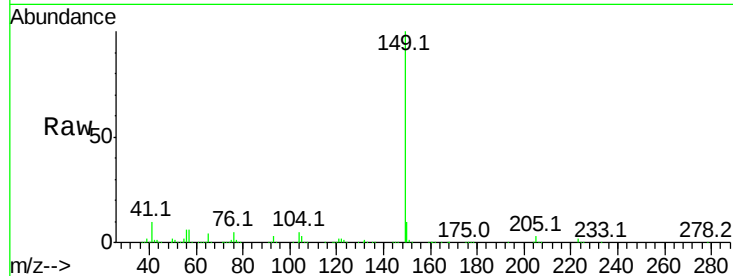
#73
Di-n-butylphthalate
Concen: 41.458 ng
RT: 11.49 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampled :
PB101345BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.6	4.0	6.0

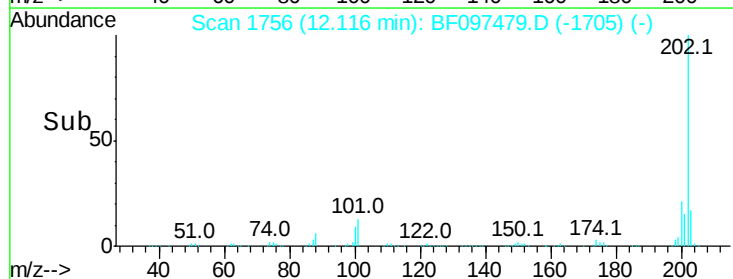
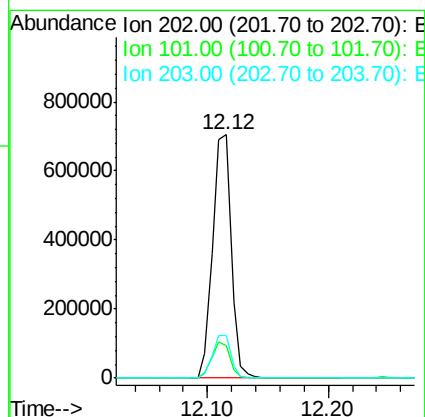
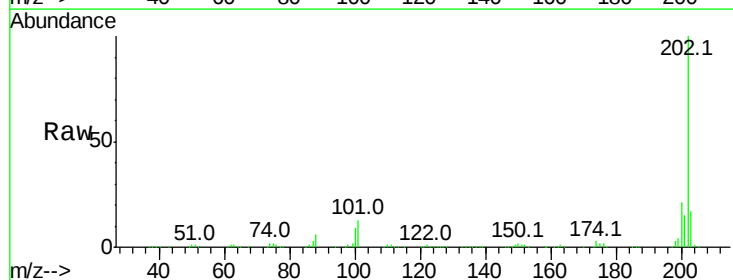
Manual Integrations
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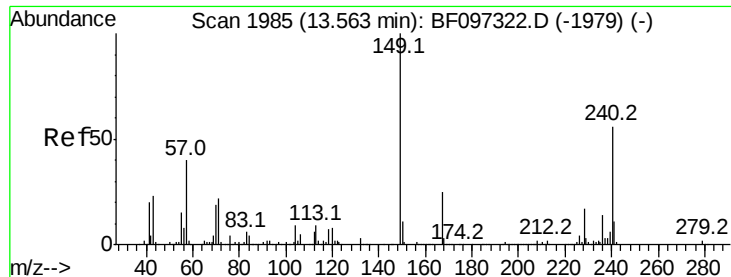
Sohil
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#74
Fluoranthene
Concen: 43.744 ng
RT: 12.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

PB101345BS

Tot Ion:240 Resp: 196069

Ion Ratio Lower Upper

240 100

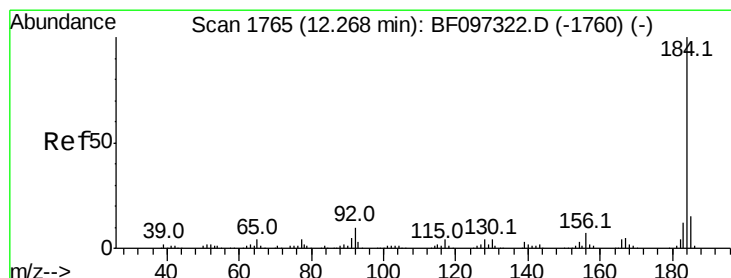
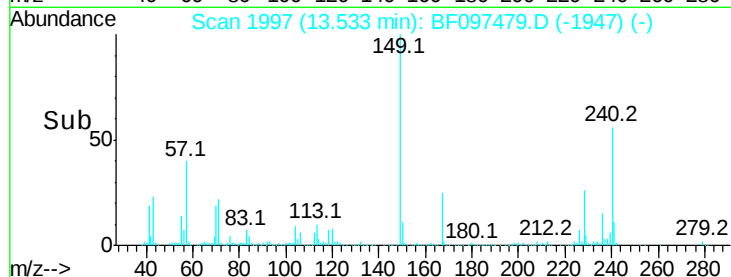
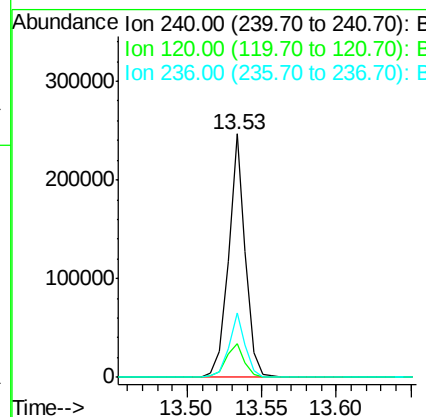
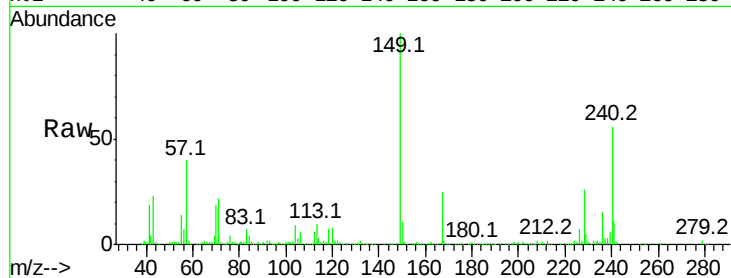
120 14.0 5.8 8.8#

236 26.6 20.5 30.7

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#76

Benzidine

Concen: 55.396 ng

RT: 12.24 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

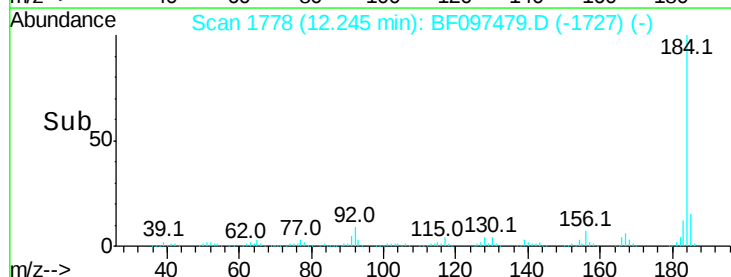
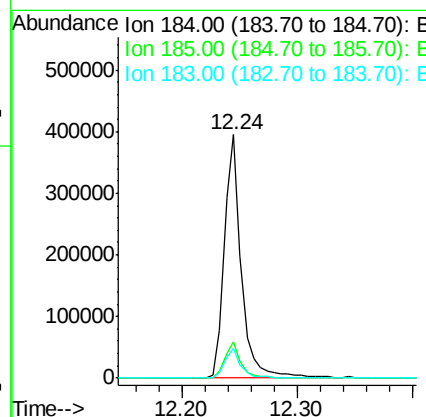
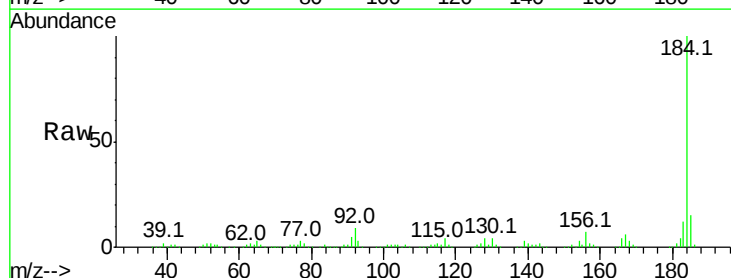
Tgt Ion:184 Resp: 403015

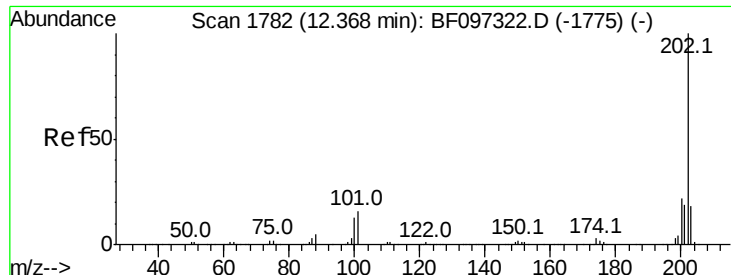
Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

183 12.2 9.8 14.6





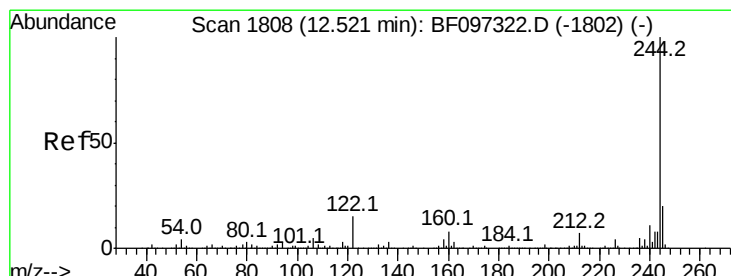
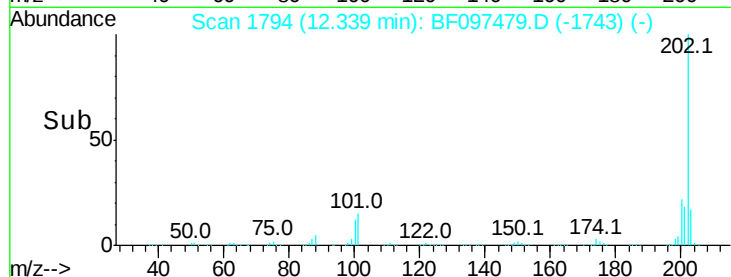
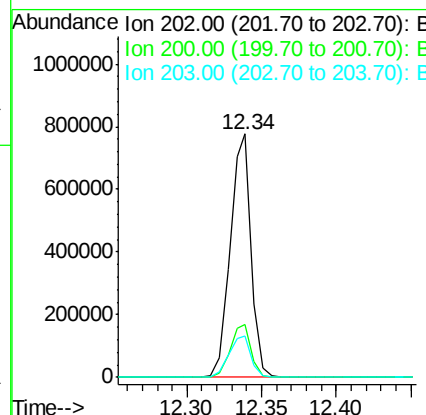
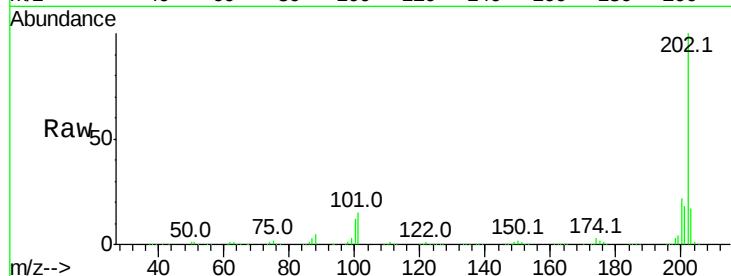
#77
Pvrene
Concen: 47.672 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampled :
PB101345BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.2	14.4	21.6

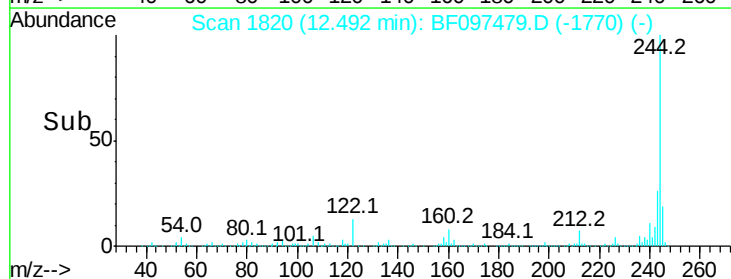
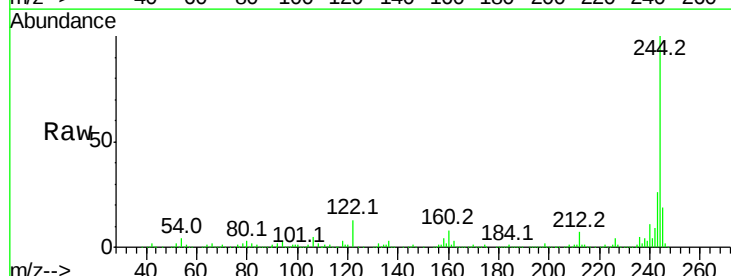
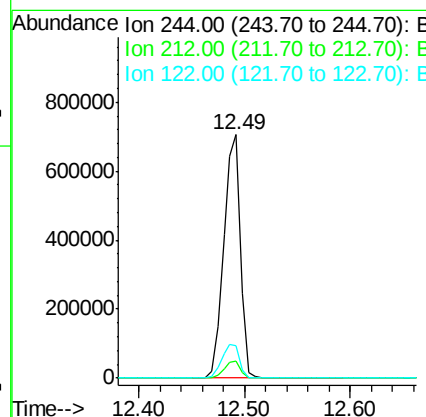
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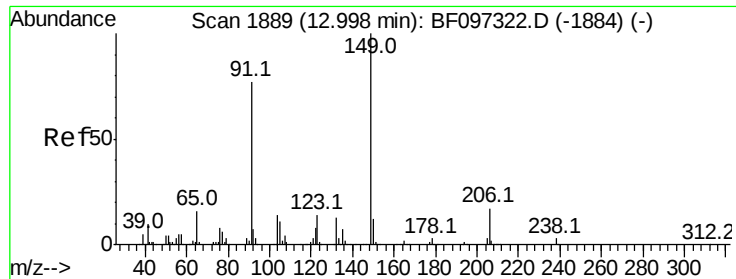
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#78
Terphenyl-d14
Concen: 81.207 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.5	10.3	15.5





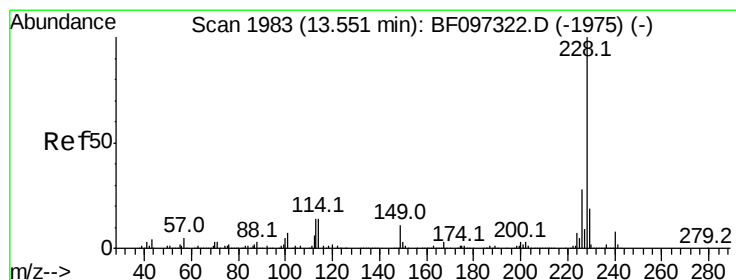
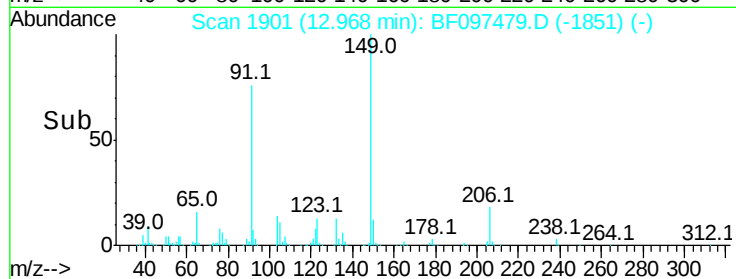
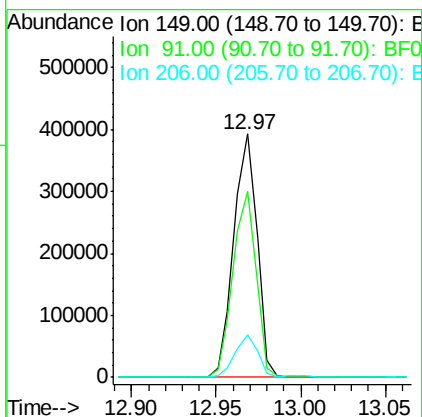
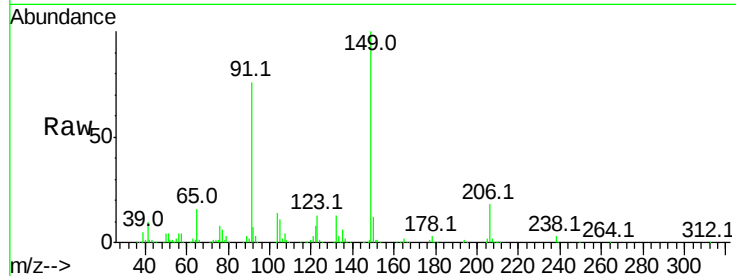
#79
Butylbenzylphthalate
Concen: 46.050 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampled :
PB101345BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	375998		
91	76.4	45.0	67.4#	
206	17.7	17.0	25.6	

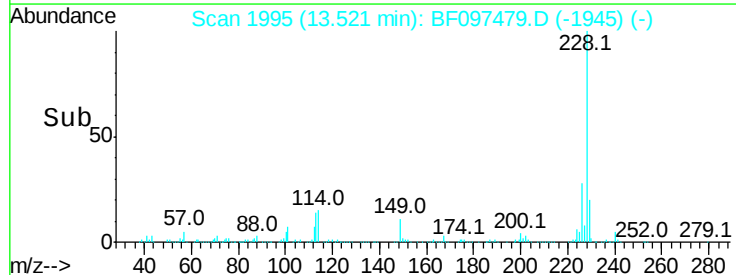
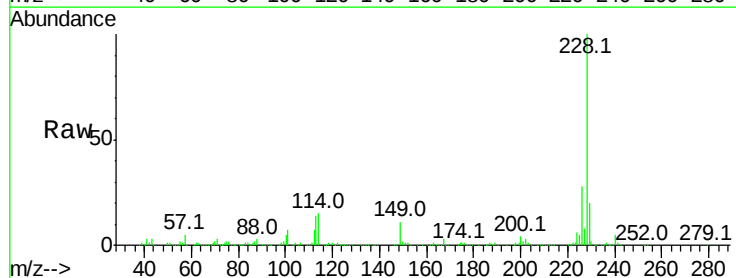
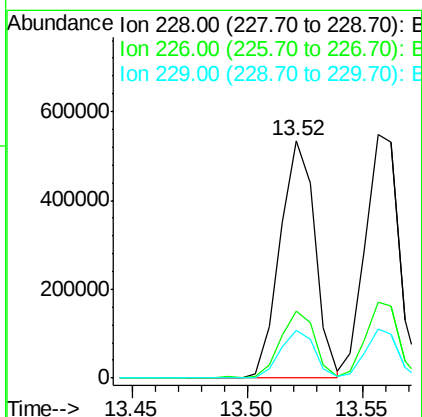
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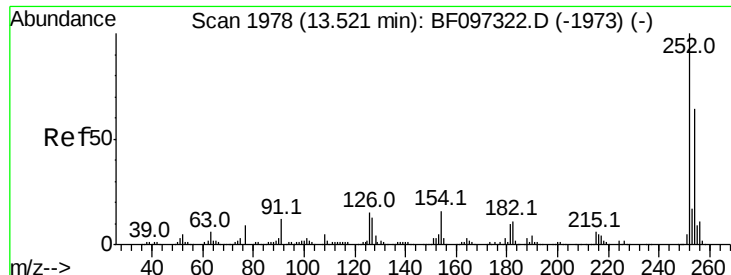
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#80
Benzo(a)anthracene
Concen: 43.893 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	556845		
226	28.0	22.6	33.8	
229	19.9	16.3	24.5	





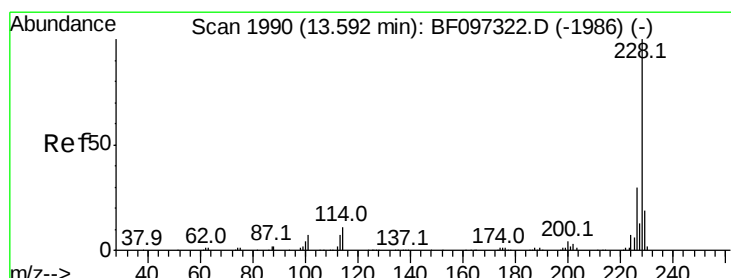
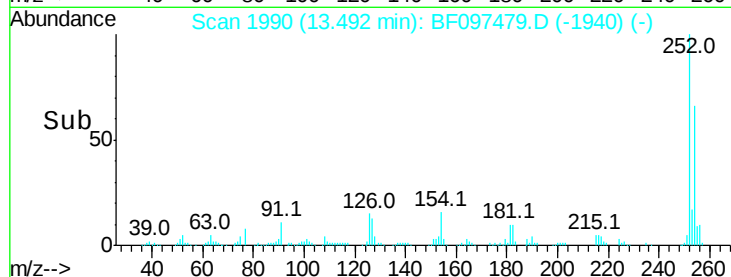
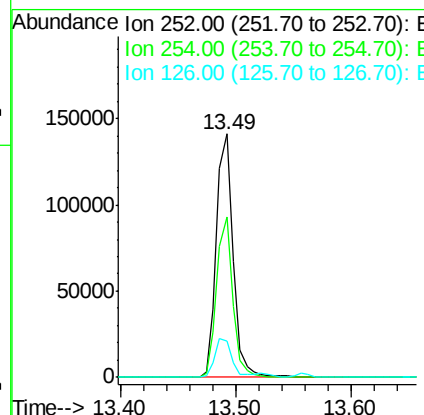
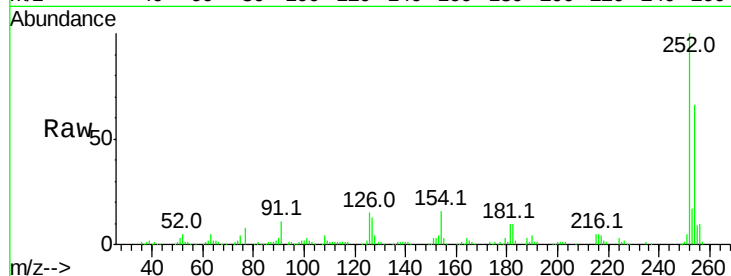
#81
 3,3'-Dichlorobenzidine
 Concen: 29.822 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	51.5	77.3
126	14.8	15.8	23.8

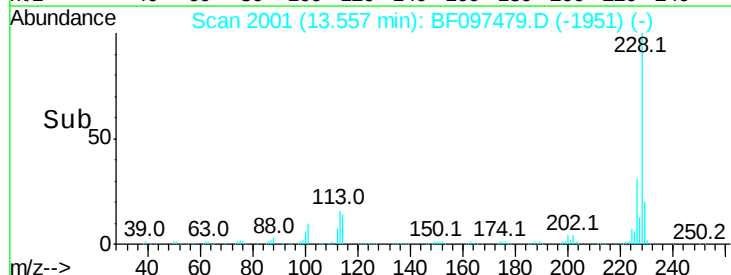
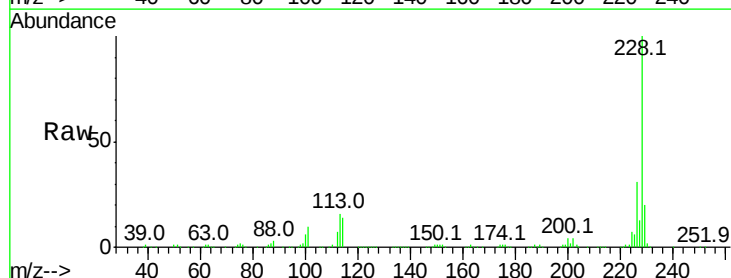
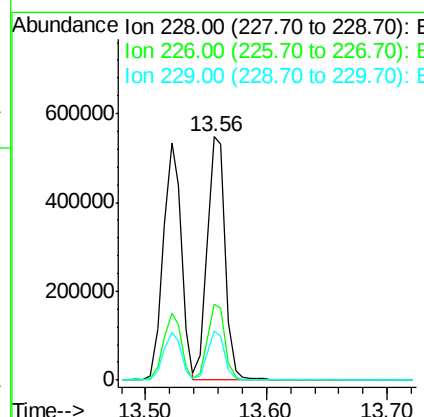
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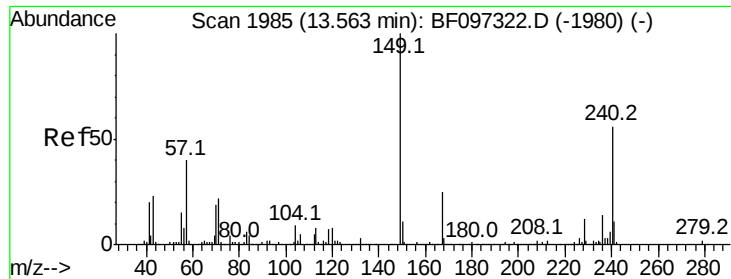
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#82
 Chrysene
 Concen: 45.449 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.1	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.758 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

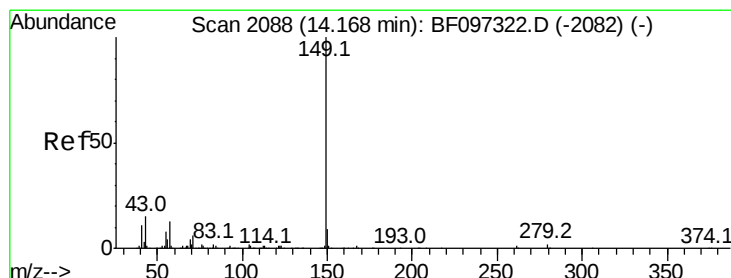
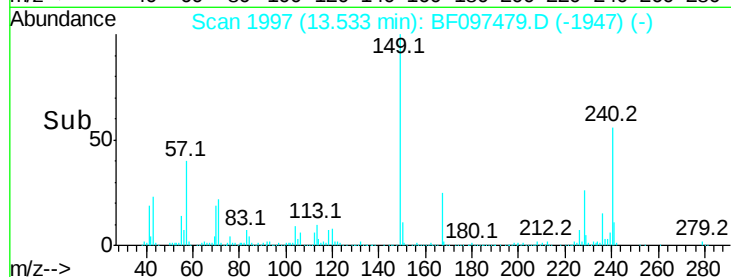
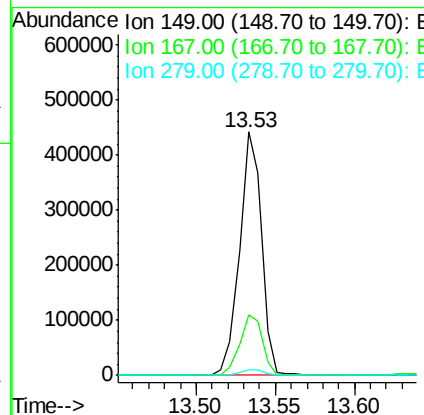
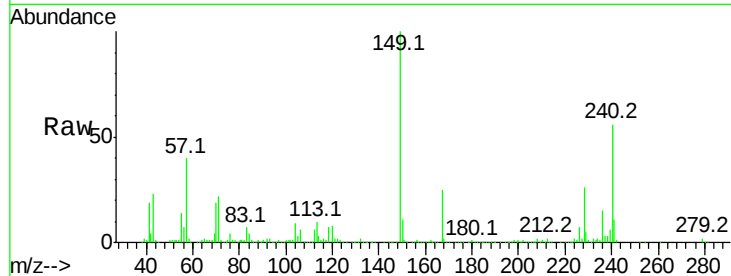
ClientSampleId :

PB101345BS

Tot Ion:	149	Resp:	423851
Ion Ratio	Lower	Upper	
149	100		
167	25.0	21.0	31.4
279	2.4	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 39.615 ng

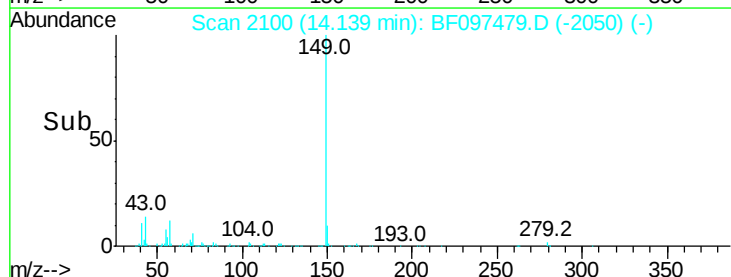
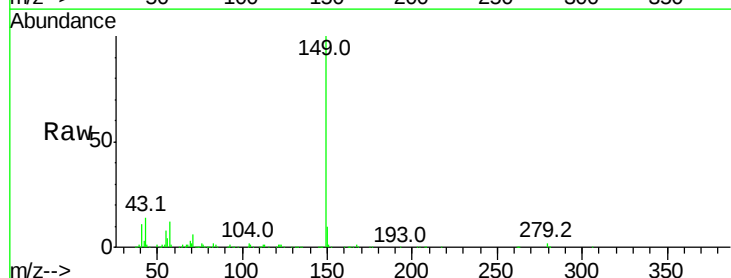
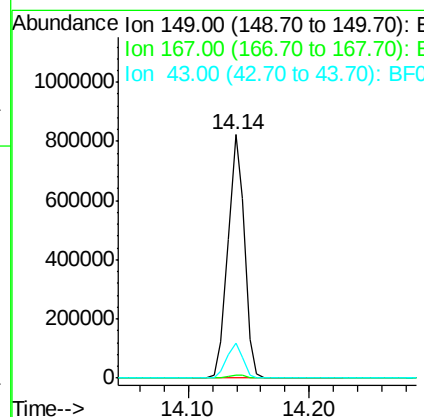
RT: 14.14 min Scan# 2100

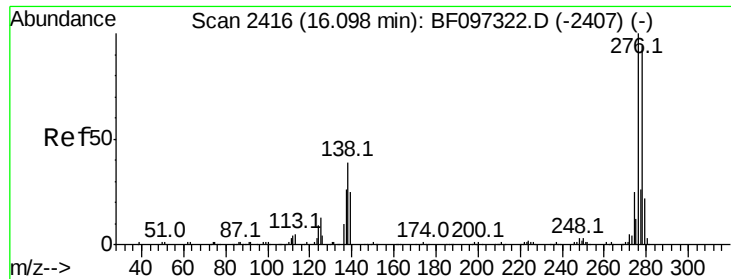
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	149	Resp:	775013
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	14.0	8.5	12.7#





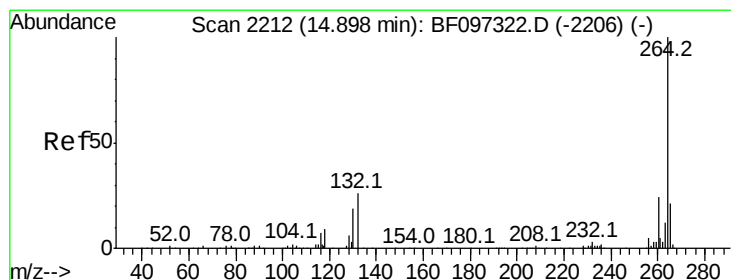
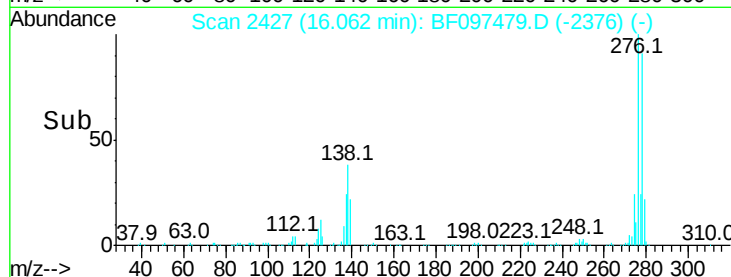
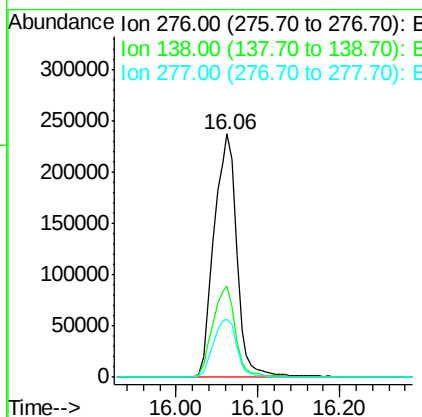
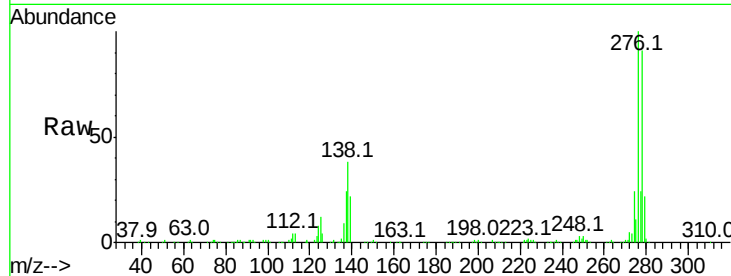
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.620 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.3	27.8	41.6
277	24.7	20.2	30.4

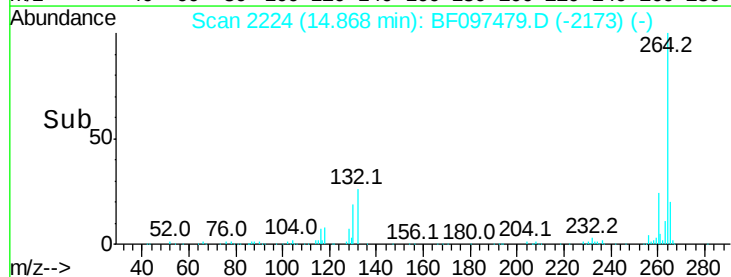
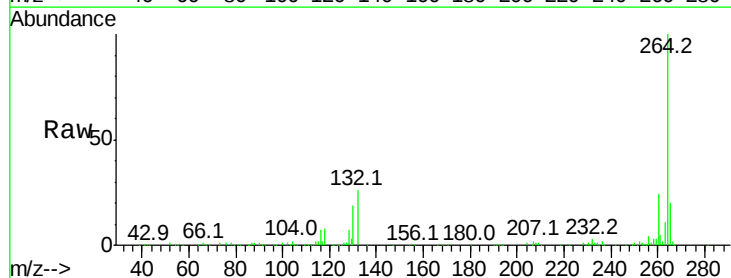
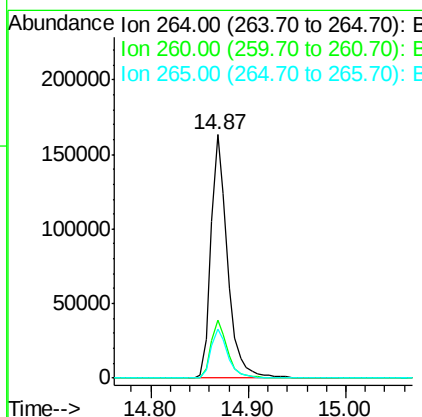
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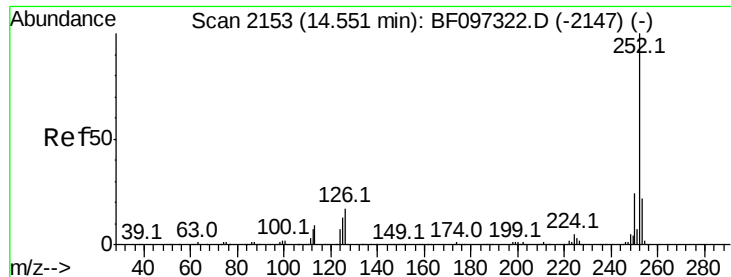
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#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.481 ng

RT: 14.52 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Instrument :

BNA_F

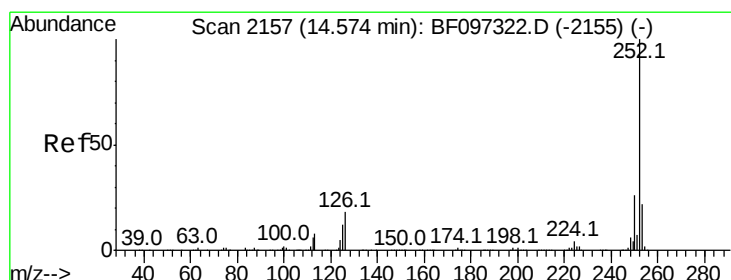
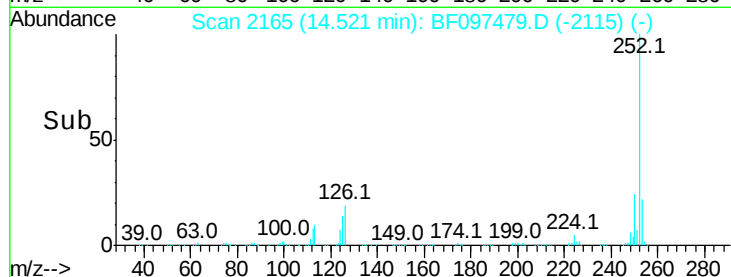
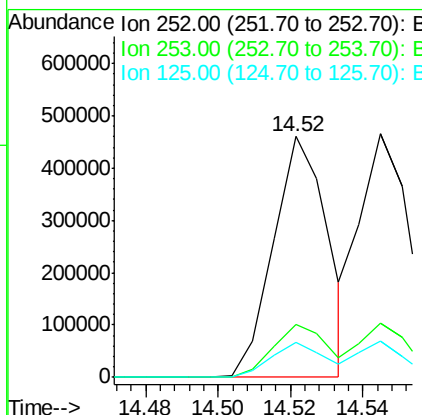
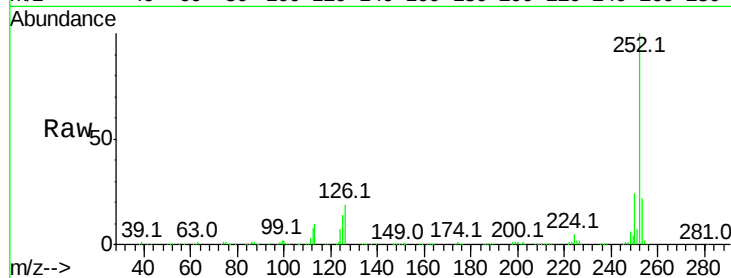
ClientSampleId :

PB101345BS

Tot Ion:	252	Resp:	479699
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	14.4	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.330 ng

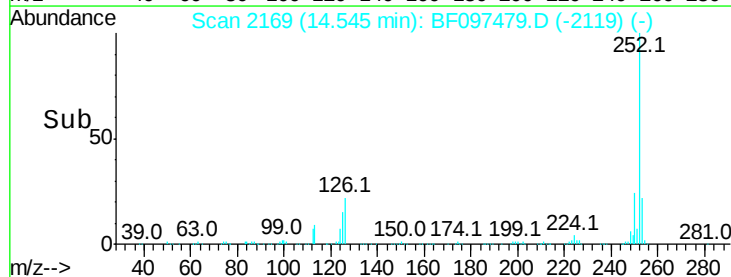
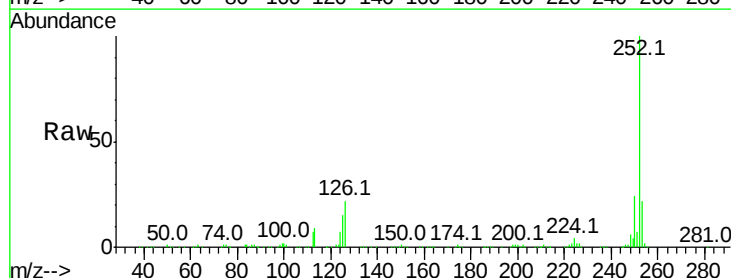
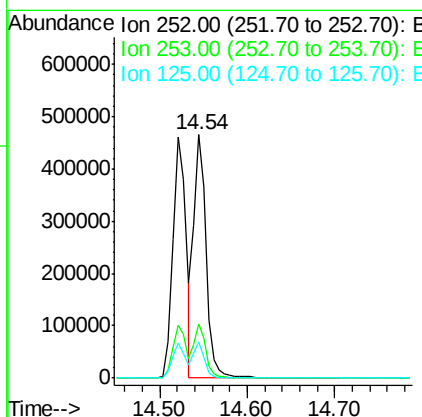
RT: 14.54 min Scan# 2169

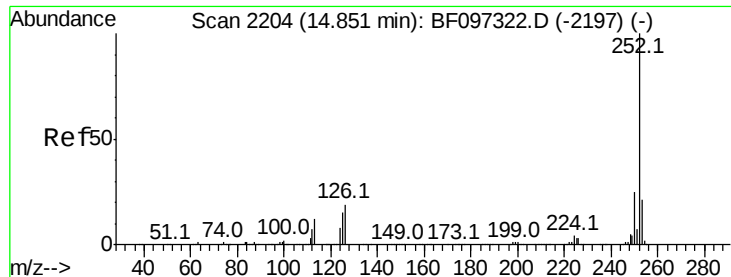
Delta R.T. -0.01 min

Lab File: BF097479.D

Acq: 8 Aug 2017 20:16

Tgt Ion:	252	Resp:	466460
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	15.0	13.1	19.7





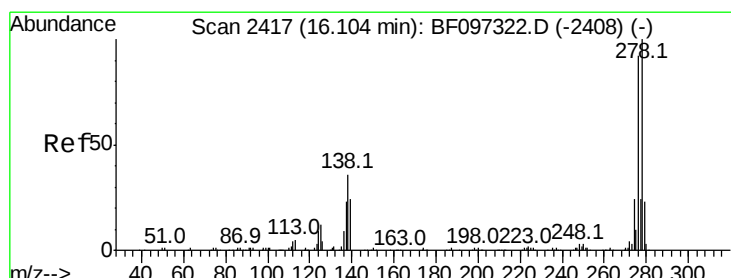
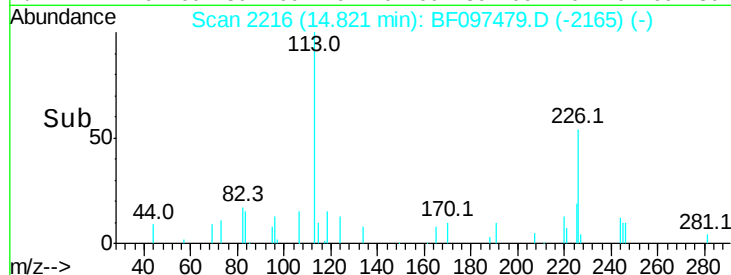
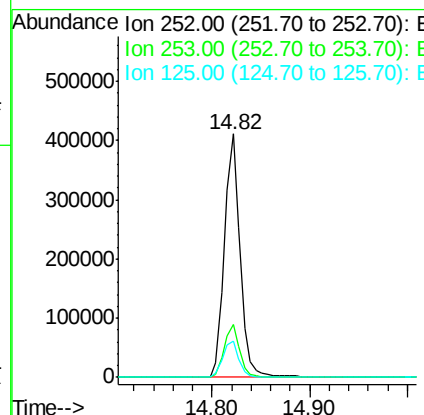
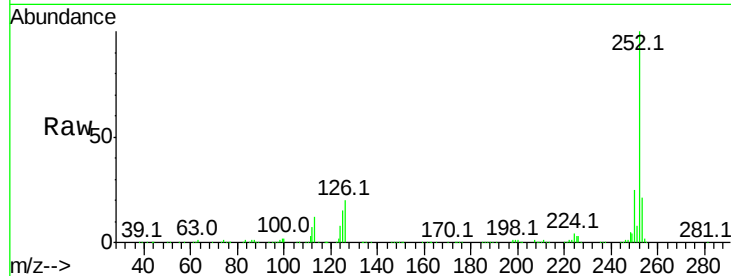
#89
Benzo(a)pyrene
Concen: 43.618 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	15.1	11.0	16.4

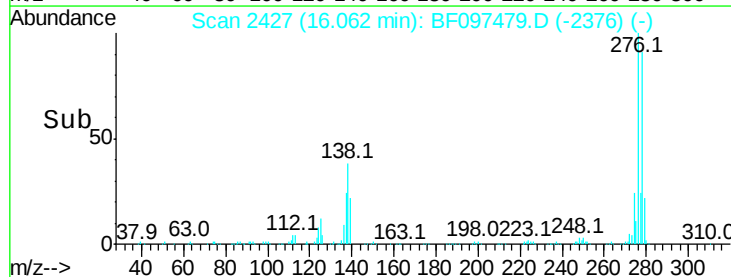
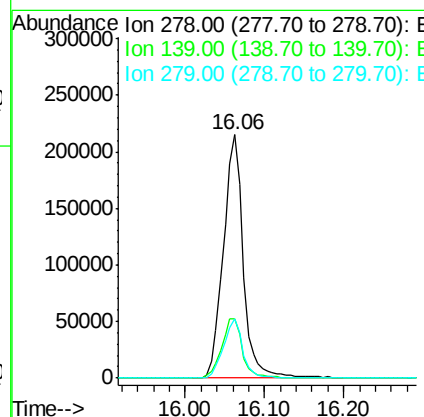
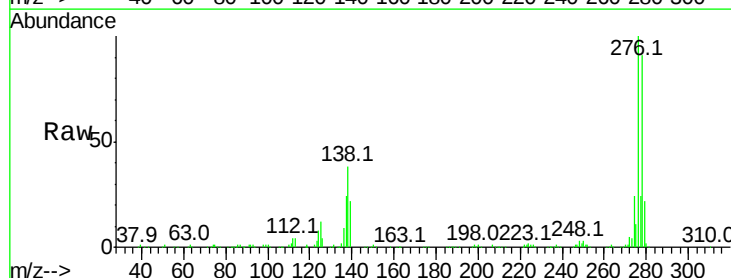
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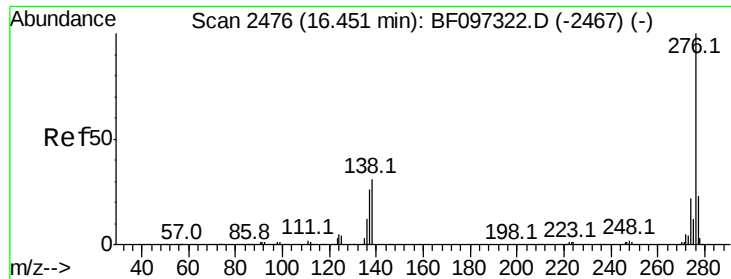
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#90
Dibenzo(a,h)anthracene
Concen: 43.162 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097479.D
Acq: 8 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.4	16.6	24.8
279	24.5	19.3	28.9





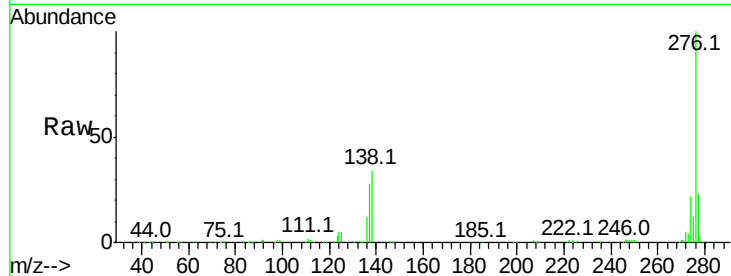
#91
 Benzo(a,h,i)perylene
 Concen: 45.311 ng
 RT: 16.40 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BF097479.D
 Acq: 8 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101345BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
412411	276	100			
	277	22.7		18.6	28.0
	138	33.7		25.4	38.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

