

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099481.D
 Acq On : 14 Oct 2017 17:15
 Operator : SJ/JU
 Sample : PB103259BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:41:22 PM

Quant Time: Oct 15 00:05:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97087	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	403809	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	182473	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	317750	20.00	ng	0.00
75) Chrysene-d12	14.02	240	196839	20.00	ng	0.00
86) Perylene-d12	15.49	264	153912	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	675491	110.76	ng	0.01
7) Phenol-d6	6.49	99	811370	107.84	ng	0.00
23) Nitrobenzene-d5	7.42	82	488736	77.62	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	164840	110.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	927360	84.84	ng	0.00
78) Terphenyl-d14	12.96	244	771662	89.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	95055	32.63	ng	94
3) Pyridine	3.49	79	253944	32.22	ng	96
4) n-Nitrosodimethylamine	3.44	42	103359	30.93	ng	80
6) Aniline	6.52	93	245768	24.20	ng	98
8) 2-Chlorophenol	6.64	128	253483	36.70	ng	98
9) Benzaldehyde	6.41	77	79276	18.16	ng	91
10) Phenol	6.50	94	309608	36.80	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	235770	36.04	ng	96
12) 1,3-Dichlorobenzene	6.79	146	275071	38.03	ng	96
13) 1,4-Dichlorobenzene	6.87	146	276222	37.53	ng	98
14) 1,2-Dichlorobenzene	7.02	146	256087	37.66	ng	97
15) Benzyl Alcohol	7.00	79	190120	34.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	330262	32.41	ng	88
17) 2-Methylphenol	7.11	107	207845	36.78	ng	98
18) Hexachloroethane	7.36	117	97375	36.81	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	157018	32.69	ng	95
20) 3+4-Methylphenols	7.26	107	250715	35.07	ng	# 68
22) Acetophenone	7.26	105	329813	33.71	ng	# 97
24) Nitrobenzene	7.44	77	251329	35.19	ng	95
25) Isophorone	7.67	82	460228	35.35	ng	99
26) 2-Nitrophenol	7.75	139	139098	40.50	ng	93
27) 2,4-Dimethylphenol	7.79	122	224134	34.55	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	298394	36.78	ng	99
29) 2,4-Dichlorophenol	8.00	162	210994	37.89	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	215323	38.66	ng	97
31) Naphthalene	8.16	128	714095	37.65	ng	100
32) Benzoic acid	7.92	122	96665	18.14	ng	95
33) 4-Chloroaniline	8.21	127	130809	16.52	ng	96
34) Hexachlorobutadiene	8.27	225	106068	36.97	ng	99
35) Caprolactam	8.58	113	66585m	37.27	ng	
36) 4-Chloro-3-methylphenol	8.70	107	218138	34.85	ng	94
37) 2-Methylnaphthalene	8.85	142	494149	40.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	197144	36.23	ng	99
40) Hexachlorocyclopentadiene	9.00	237	120947	48.63	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	131799	34.19	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	135261	35.15	ng	95
45) 1,1'-Biphenyl	9.31	154	574979	36.66	ng	98
46) 2-Chloronaphthalene	9.34	162	450901	38.29	ng	97
47) 2-Nitroaniline	9.44	65	126354	35.05	ng	94
48) Acenaphthylene	9.76	152	677089	37.56	ng	100
49) Dimethylphthalate	9.61	163	518511	37.65	ng	99
50) 2,6-Dinitrotoluene	9.68	165	115347	38.47	ng	87
51) Acenaphthene	9.93	154	401030	35.12	ng	99
52) 3-Nitroaniline	9.85	138	82887	23.71	ng	95
53) 2,4-Dinitrophenol	9.97	184	61223	42.19	ng	89
54) Dibenzofuran	10.10	168	597217	39.28	ng	99
55) 4-Nitrophenol	10.02	139	128750	43.55	ng	90
56) 2,4-Dinitrotoluene	10.09	165	148682	38.21	ng	# 96
57) Fluorene	10.44	166	475780	38.94	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	102448	38.54	ng	98
59) Diethylphthalate	10.31	149	499520	37.12	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	211300	38.50	ng	98
61) 4-Nitroaniline	10.47	138	125708	37.27	ng	91
62) Azobenzene	10.59	77	472952	38.22	ng	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	56660	29.31	ng	89
65) n-Nitrosodiphenylamine	10.55	169	420649	38.21	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	123683	39.77	ng	# 89
67) Hexachlorobenzene	10.99	284	125134	37.67	ng	99
68) Atrazine	11.07	200	132293	39.94	ng	99
69) Pentachlorophenol	11.19	266	88894	43.00	ng	98
70) Phenanthrene	11.40	178	676102	39.75	ng	98
71) Anthracene	11.46	178	693394	39.84	ng	99
72) Carbazole	11.62	167	634942	37.26	ng	99
73) Di-n-butylphthalate	11.93	149	777896	37.92	ng	98
74) Fluoranthene	12.59	202	667899	38.78	ng	99
76) Benzidine	12.72	184	230860	31.71	ng	98
77) Pyrene	12.82	202	674171	44.92	ng	100
79) Butylbenzylphthalate	13.43	149	297548	42.18	ng	97
80) Benzo(a)anthracene	14.01	228	472974	39.68	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	97242	22.26	ng	97
82) Chrysene	14.05	228	452588	39.88	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	380476	39.17	ng	# 98
84) Di-n-octyl phthalate	14.59	149	536128	34.28	ng	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	395525	43.57	ng	96
87) Benzo(b)fluoranthene	15.06	252	360564	38.10	ng	98
88) Benzo(k)fluoranthene	15.09	252	366847	39.25	ng	99
89) Benzo(a)pyrene	15.43	252	346424	39.88	ng	98
90) Dibenzo(a,h)anthracene	16.99	278	328685	47.28	ng	98
91) Benzo(g,h,i)perylene	17.43	276	346079	50.36	ng	98

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

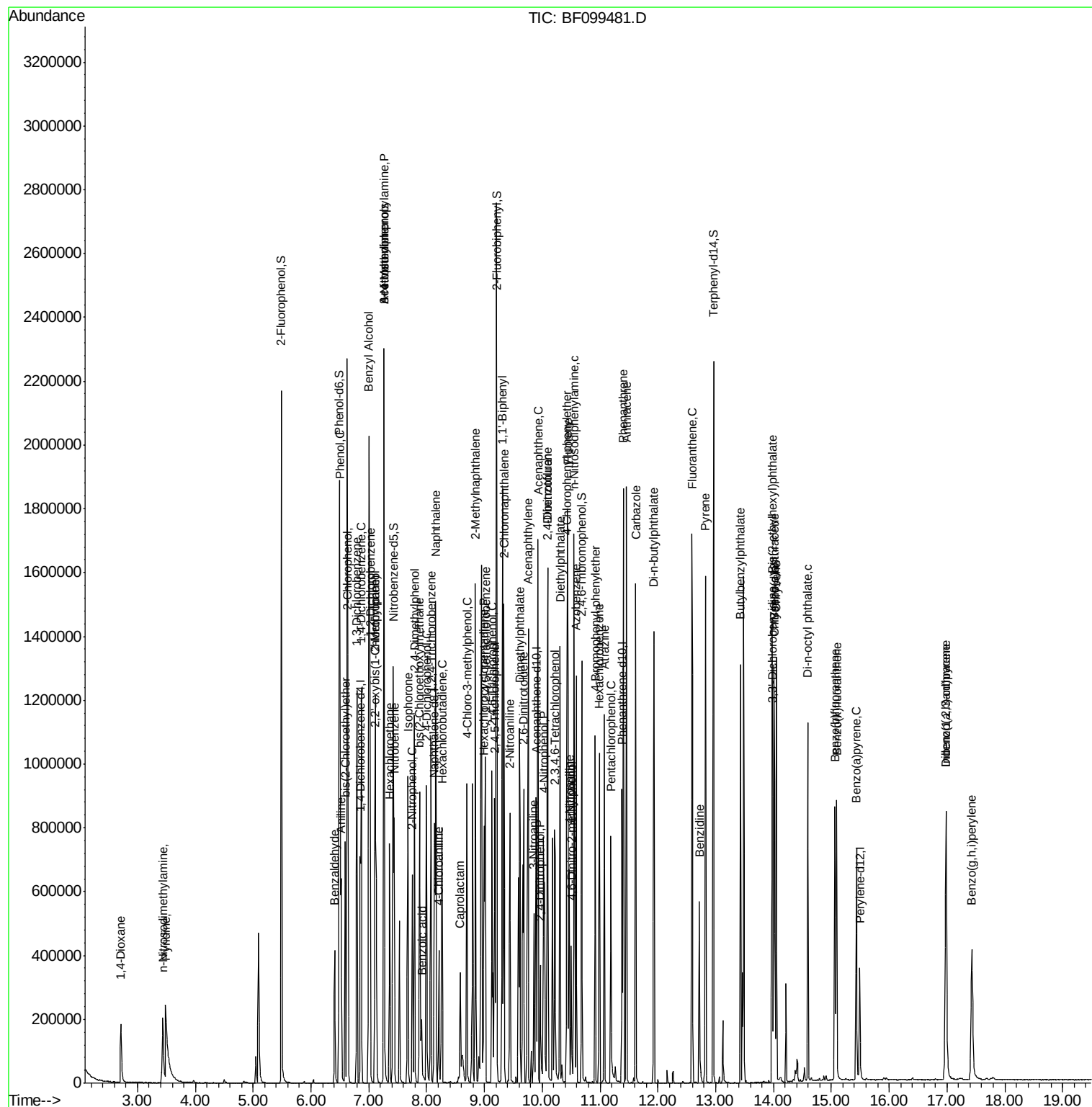
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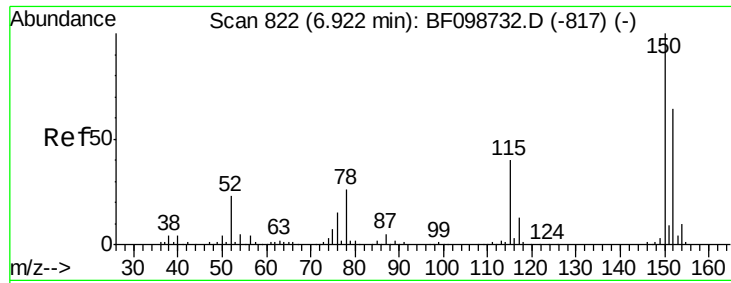
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#1

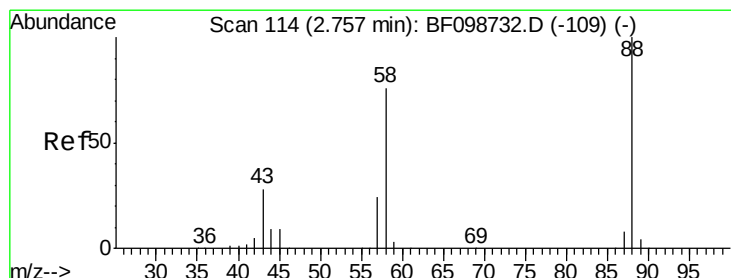
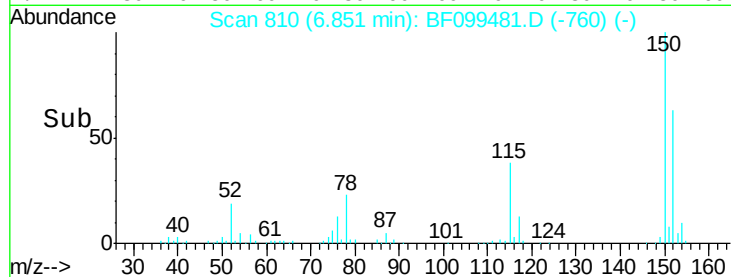
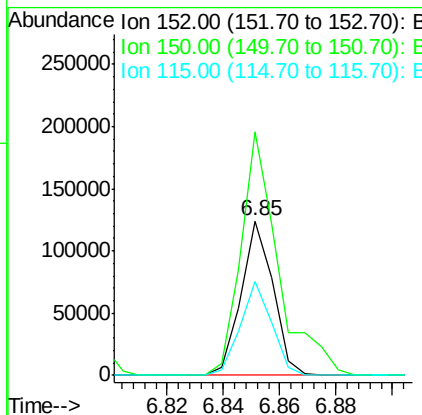
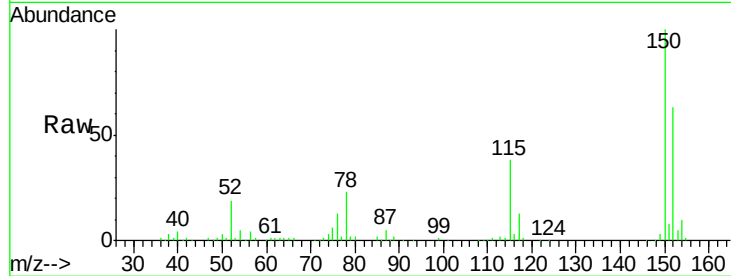
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampled :
PB103259BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.7	50.1	75.1

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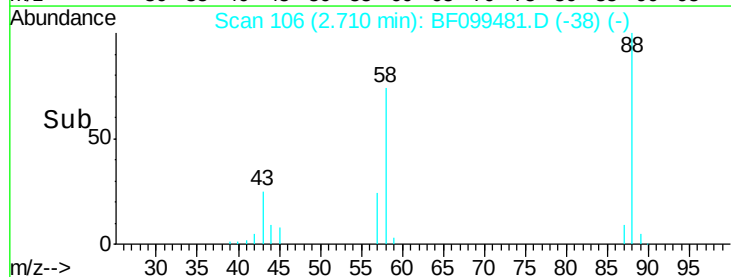
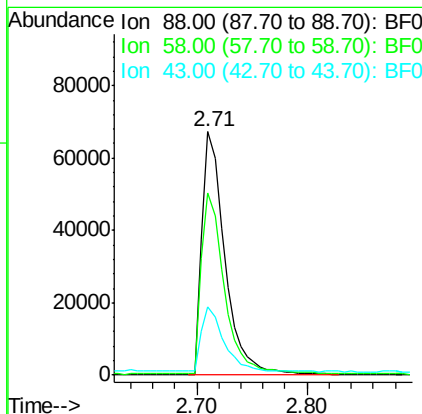
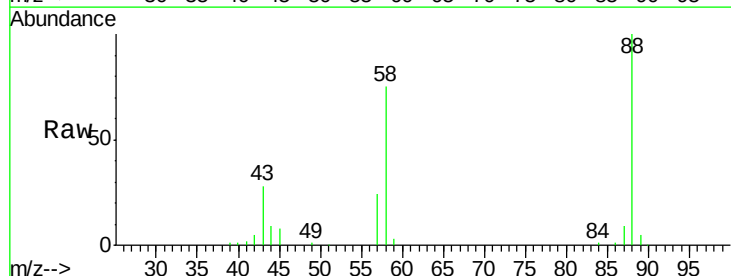
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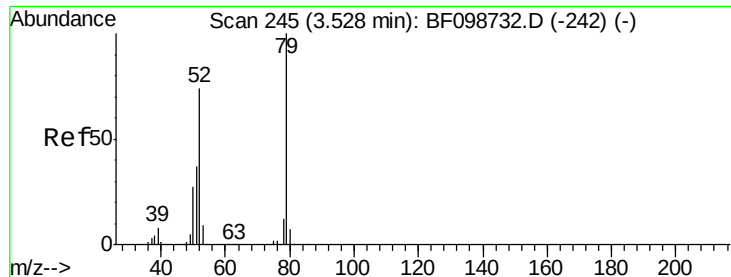


#2

1,4-Dioxane
Concen: 32.63 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.10 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	62.6	93.8
43	25.1	24.6	37.0





#3

Pyridine

Concen: 32.22 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

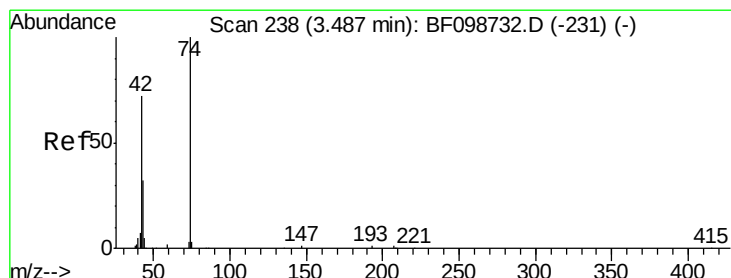
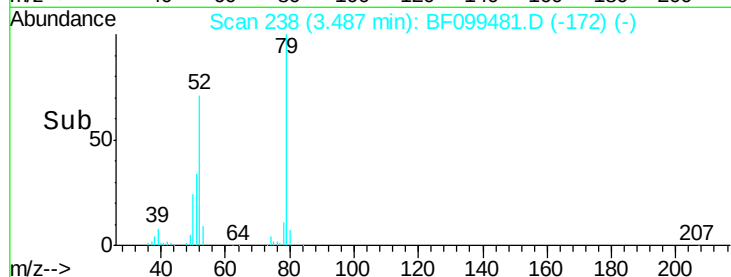
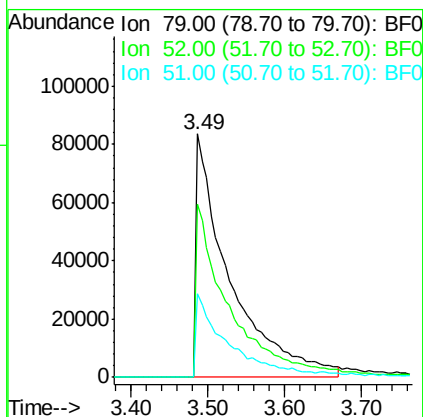
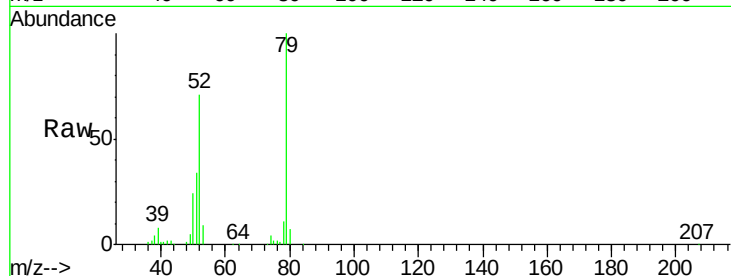
ClientSampleId :

PB103259BS

Tgt Ion	Ion	Ratio	Lower	Upper
79	100			
52	71.3	59.8	89.6	
51	34.4	29.8	44.8	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.93 ng

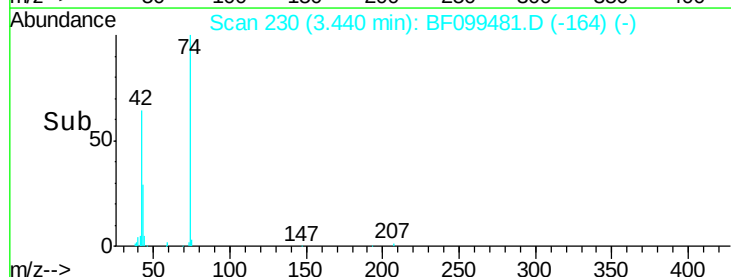
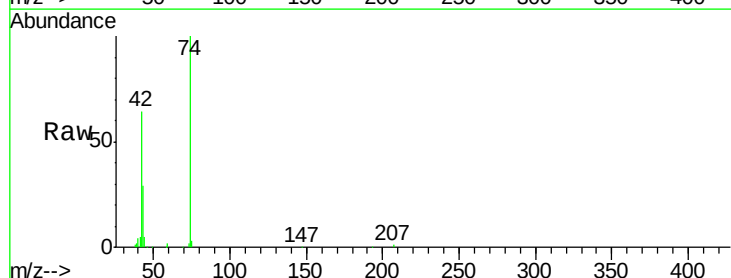
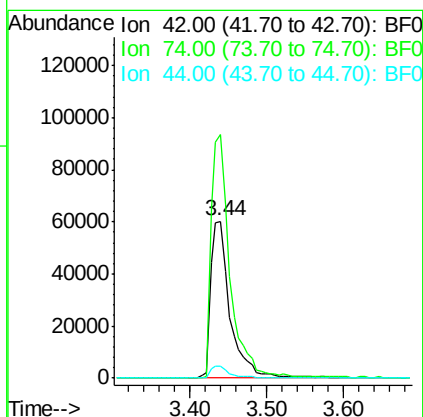
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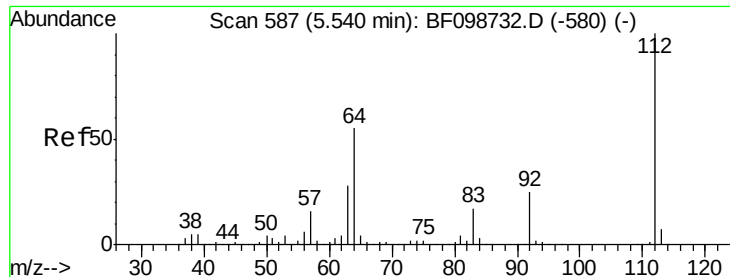
Delta R.T. 0.09 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	155.5	104.9	157.3	
44	7.4	6.9	10.3	





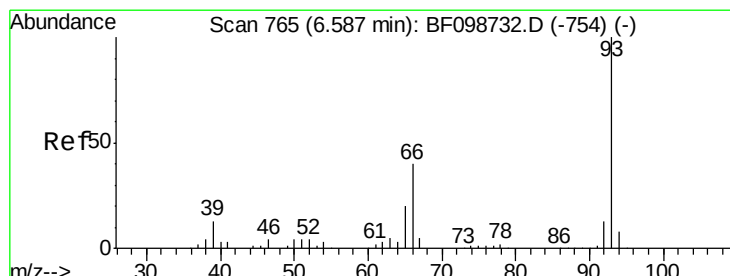
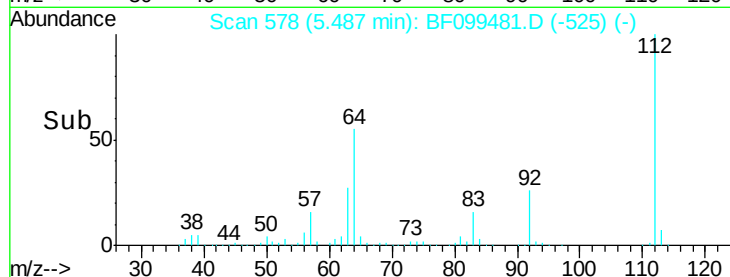
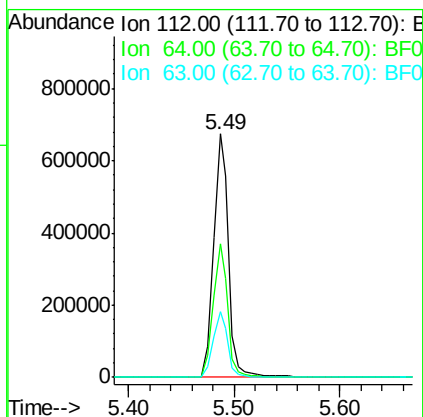
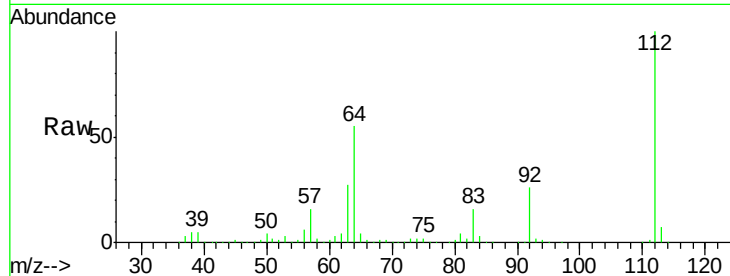
#5
2-Fluorophenol
Concen: 110.76 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	675491		
64	55.1	47.9	71.9	
63	27.2	23.7	35.5	

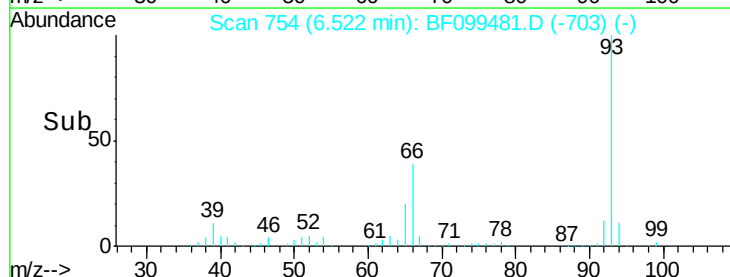
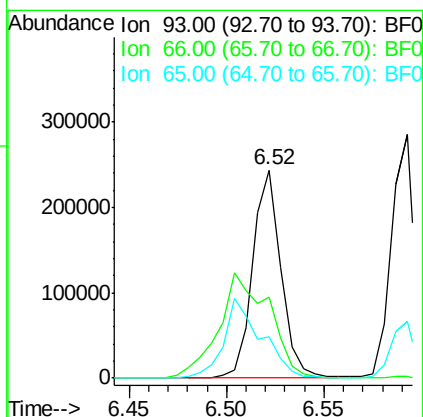
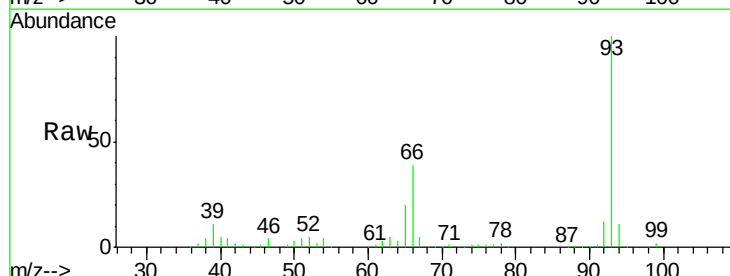
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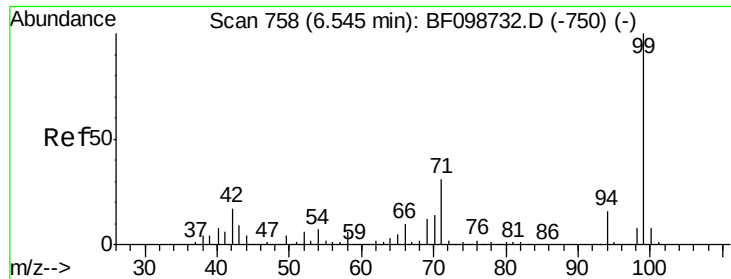
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#6
Aniline
Concen: 24.20 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245768		
66	39.1	32.2	48.2	
65	19.7	16.4	24.6	





#7

Phenol-d6

Concen: 107.84 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

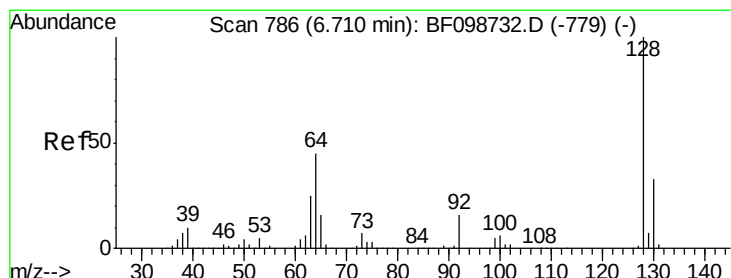
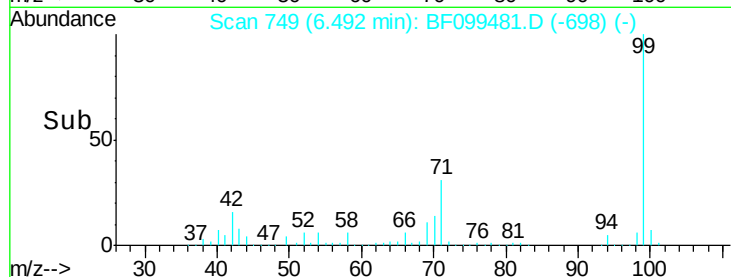
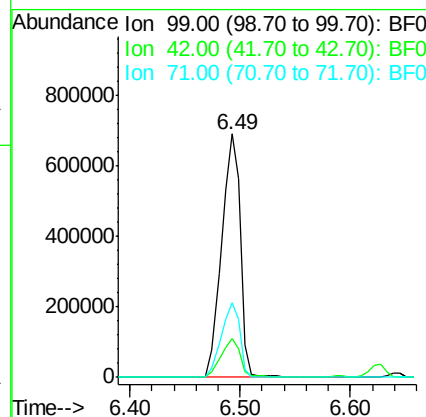
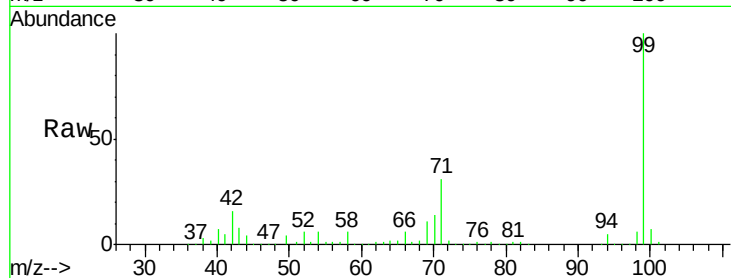
ClientSampleId :

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Tgt Ion:	99	Resp:	811370
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	30.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 36.70 ng

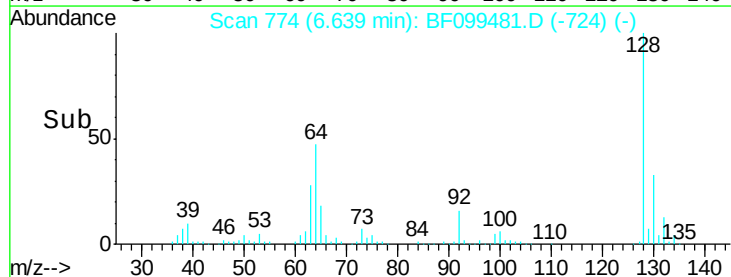
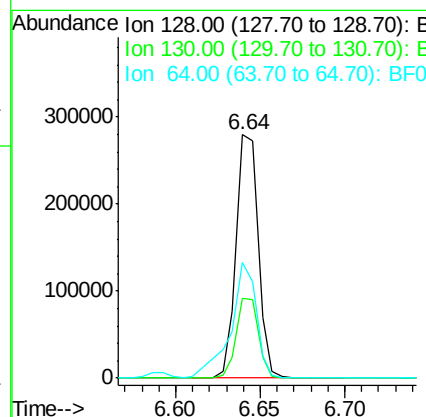
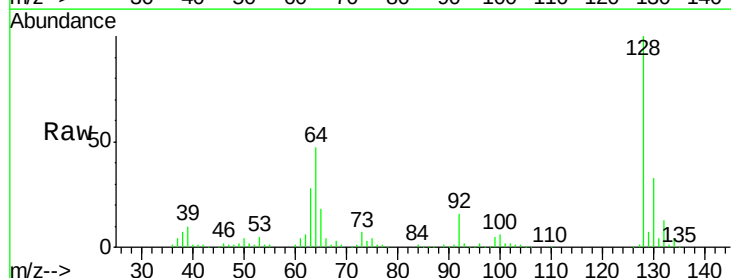
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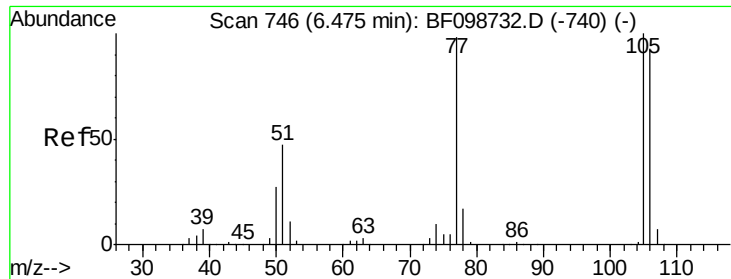
Delta R.T. -0.01 min

Lab File: BF099481.D

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Tgt Ion:	128	Resp:	253483
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	47.3	29.4	69.4





#9

Benzaldehyde

Concen: 18.16 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

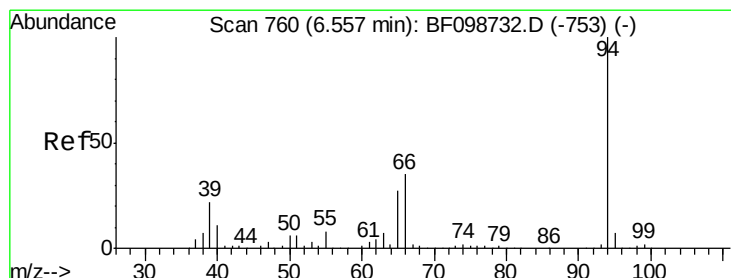
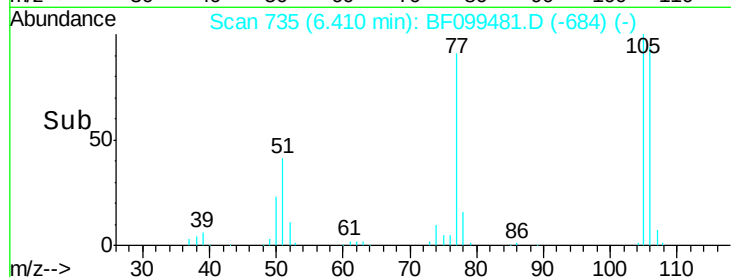
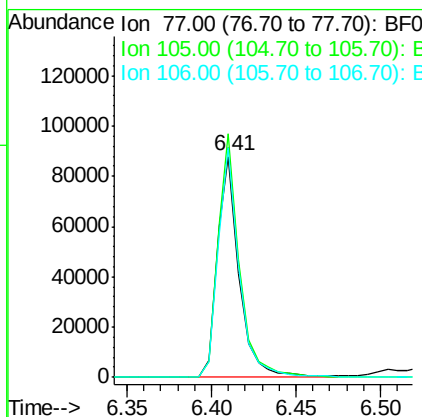
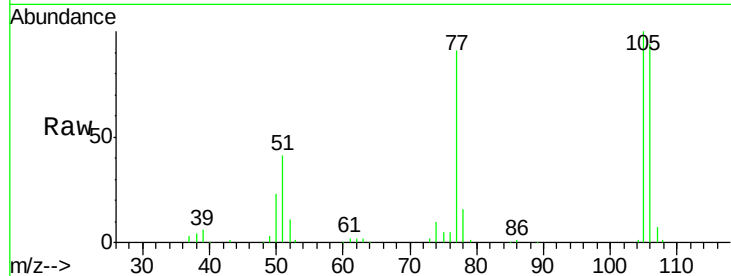
ClientSampleId :

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Tgt Ion:	77	Resp:	79276
Ion	Ratio	Lower	Upper
77	100		
105	110.2	81.1	121.1
106	103.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.80 ng

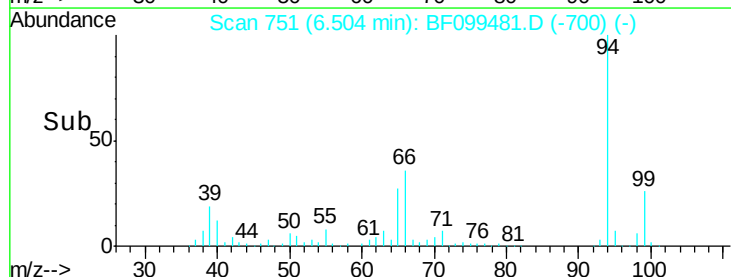
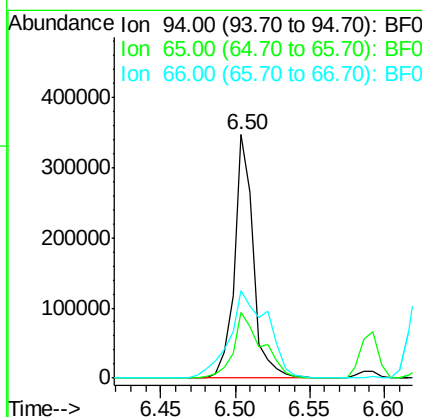
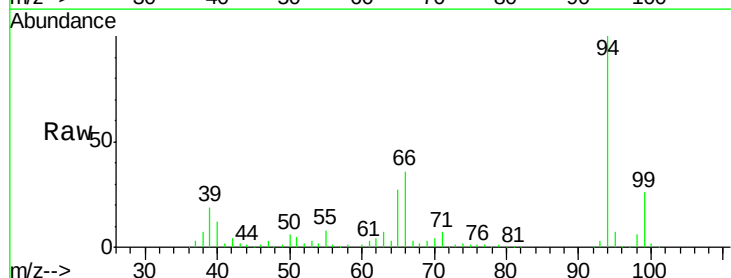
RT: 6.50 min Scan# 751

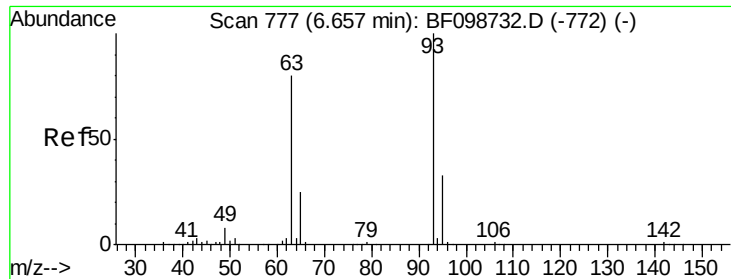
Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	94	Resp:	309608
Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.9	47.9
66	35.7	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.04 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

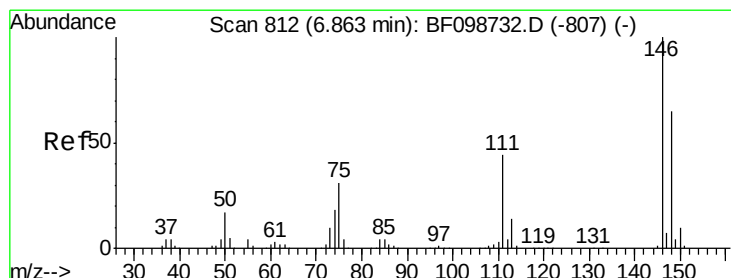
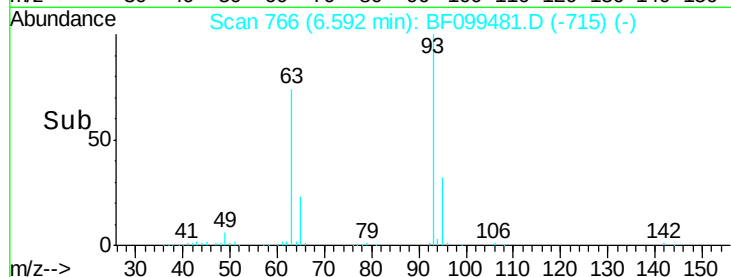
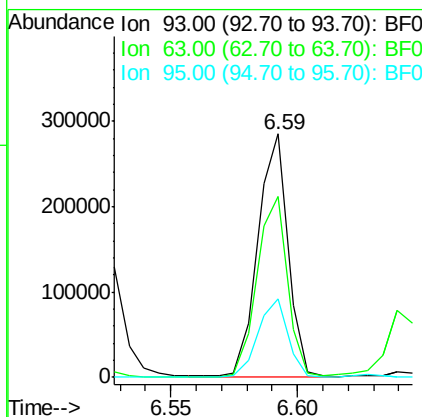
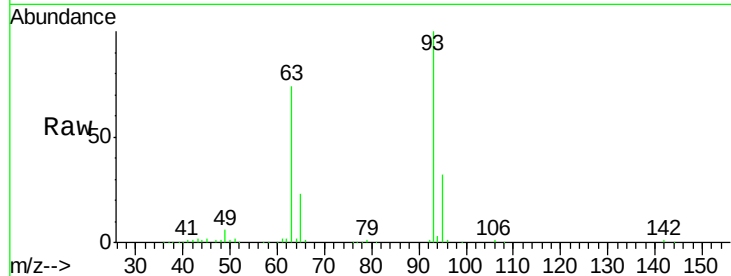
ClientSampleId :

PB103259BS

Tgt Ion:	93	Resp:	235770
Ion	Ratio	Lower	Upper
93	100		
63	74.1	58.6	98.6
95	32.2	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.03 ng

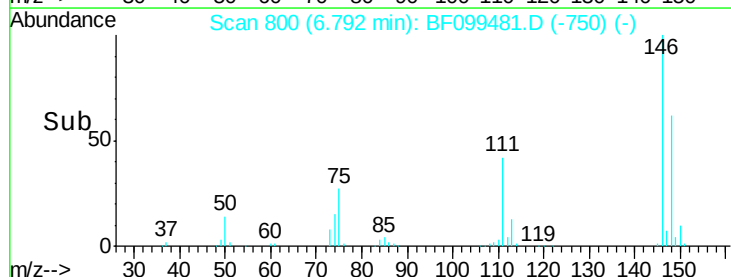
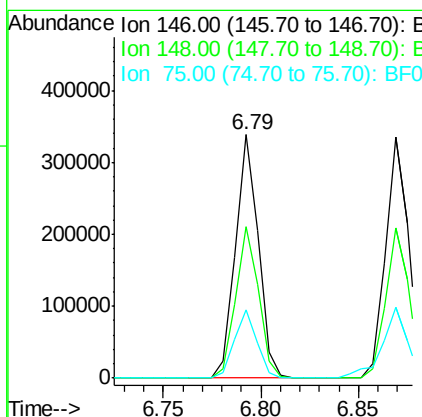
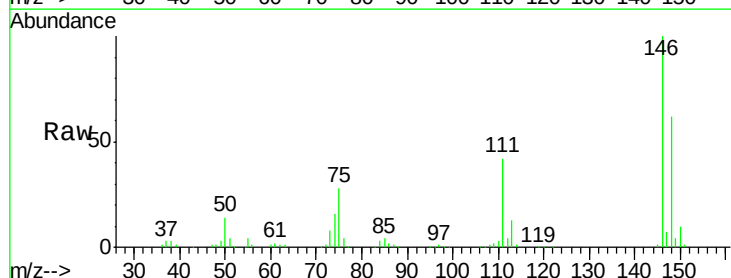
RT: 6.79 min Scan# 800

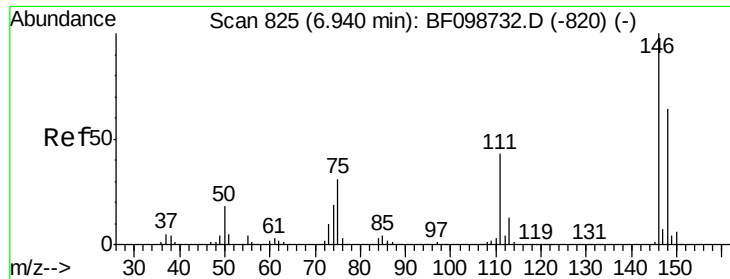
Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	146	Resp:	275071
Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.8	77.8
75	27.8	24.2	36.4





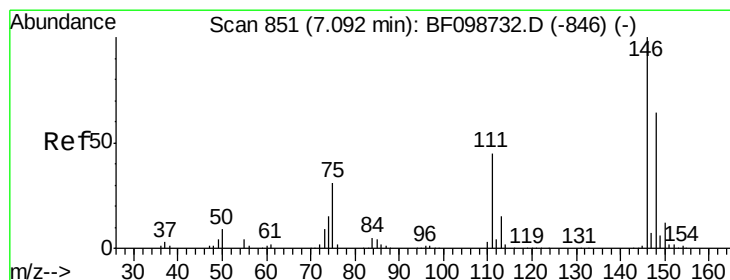
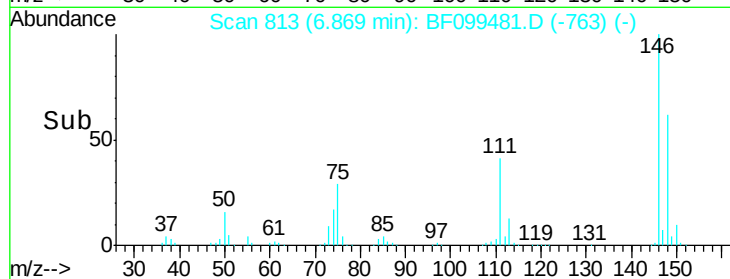
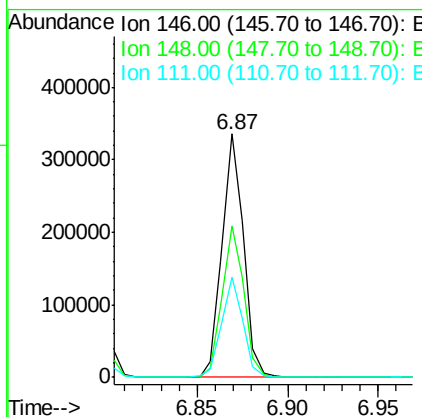
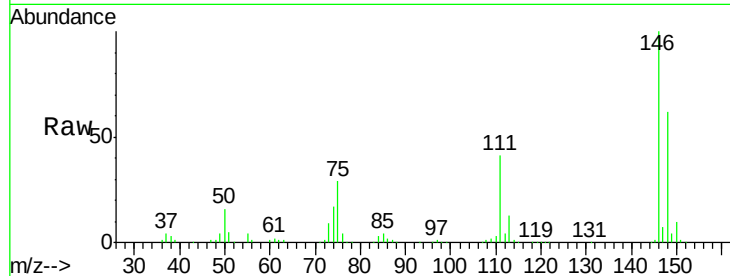
#13
1,4-Dichlorobenzene
Concen: 37.53 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	41.1	34.2	51.2

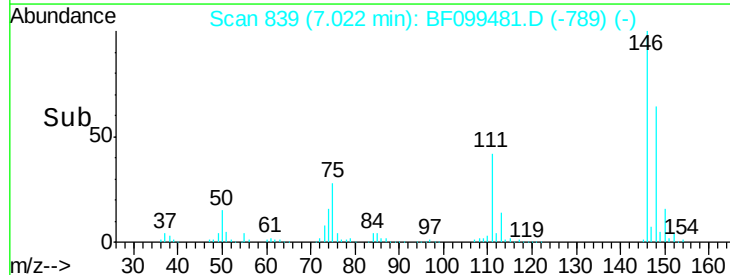
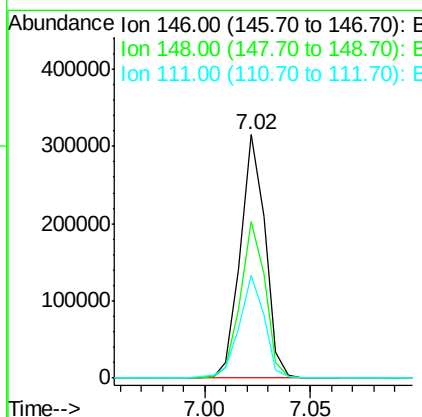
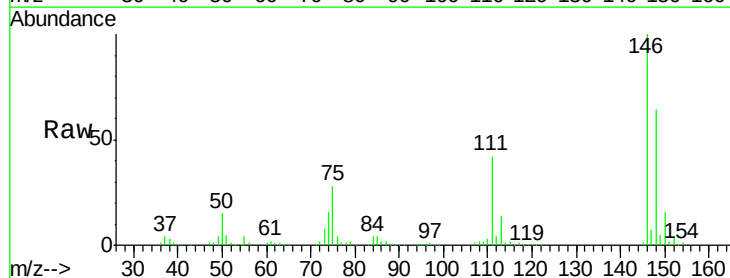
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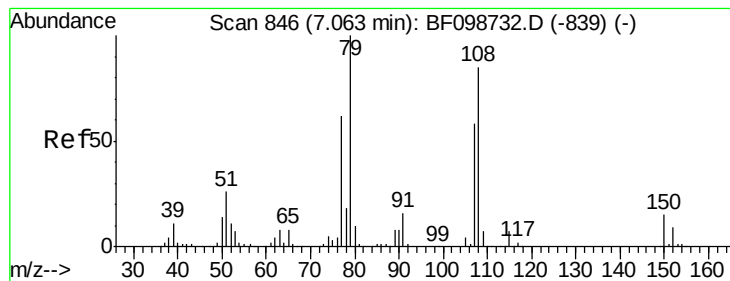
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#14
1,2-Dichlorobenzene
Concen: 37.66 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	42.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.45 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

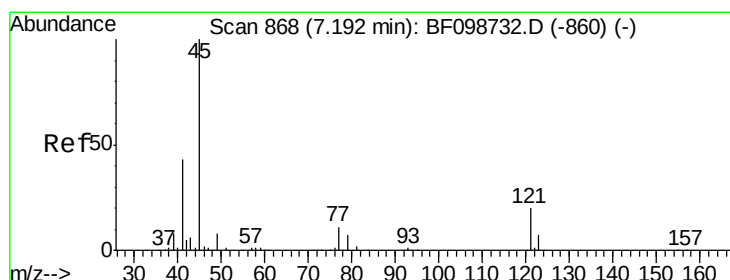
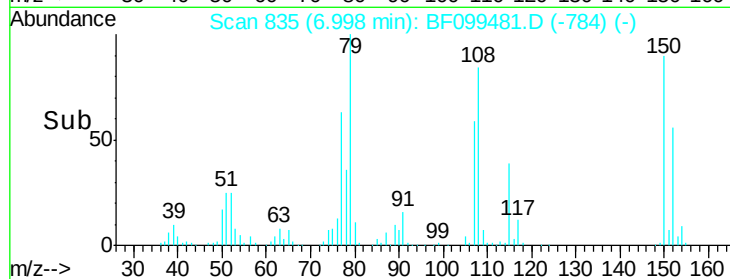
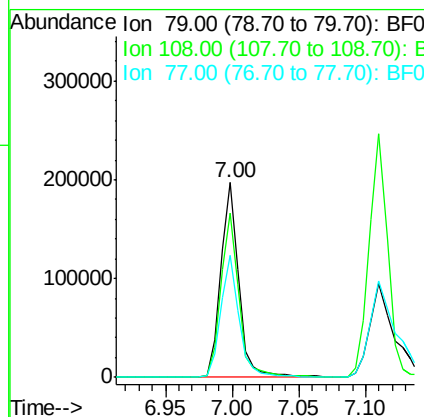
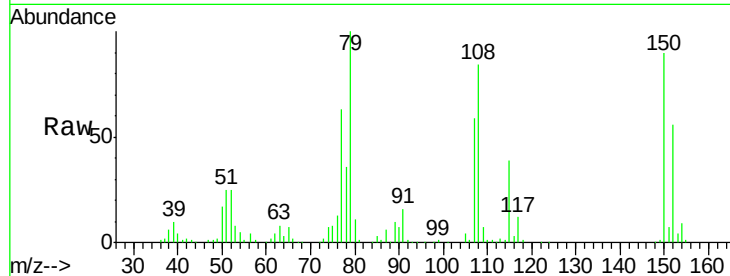
ClientSampleId :

PB103259BS

Tgt Ion:	79	Resp:	190120
Ion Ratio	Lower	Upper	
79	100		
108	84.1	65.1	97.7
77	62.5	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.41 ng

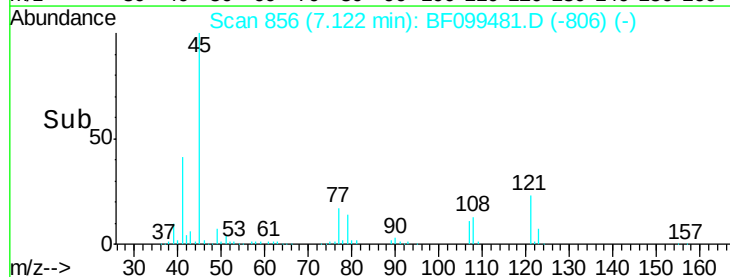
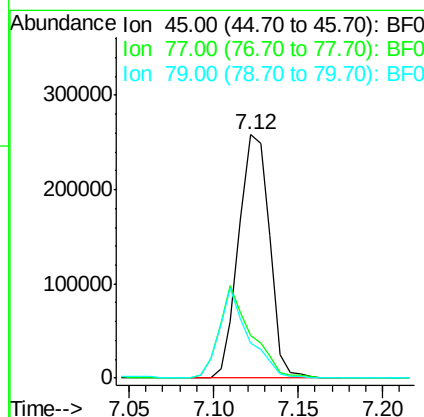
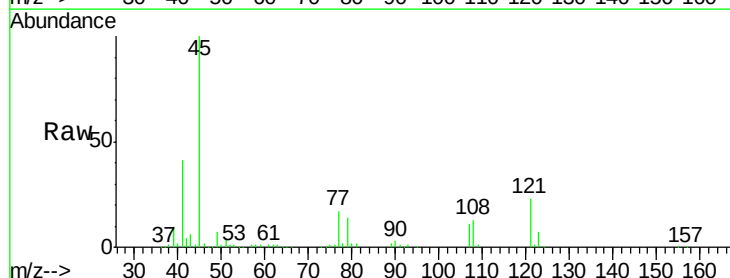
RT: 7.12 min Scan# 856

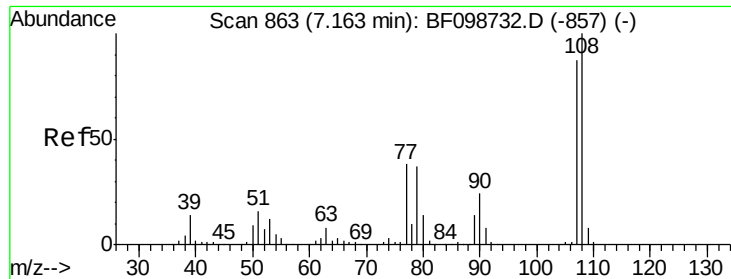
Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	45	Resp:	330262
Ion Ratio	Lower	Upper	
45	100		
77	17.4	0.0	32.9
79	14.2	0.0	29.6





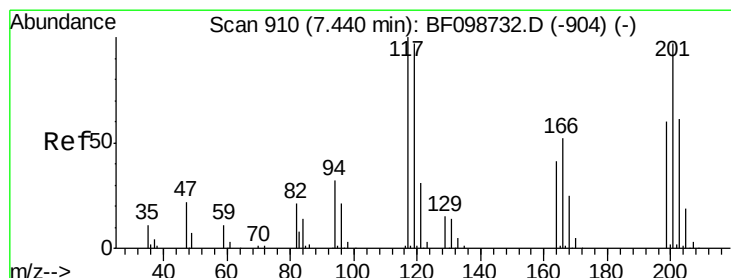
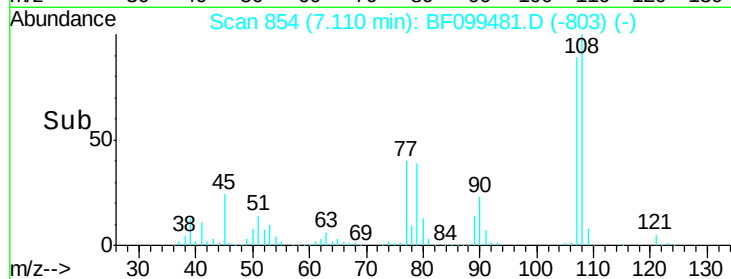
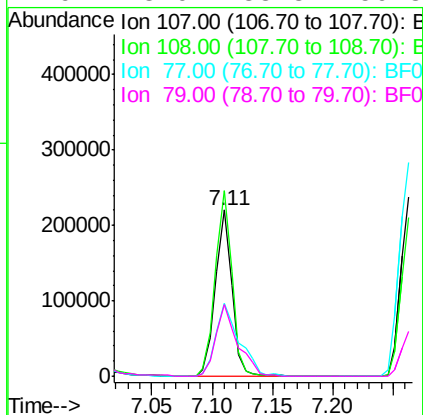
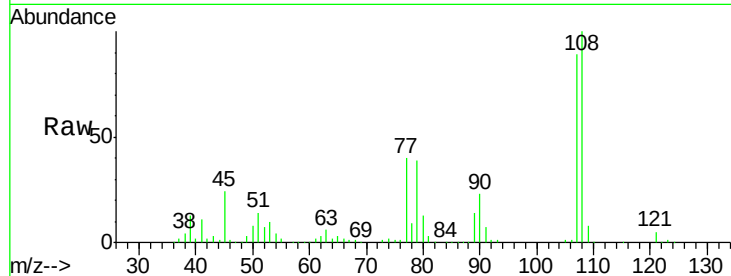
#17
2-Methylphenol
Concen: 36.78 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion:	107	Resp:	207845
Ion Ratio	Lower	Upper	
107	100		
108	111.7	91.7	137.5
77	44.3	33.8	50.8
79	43.0	33.8	50.8

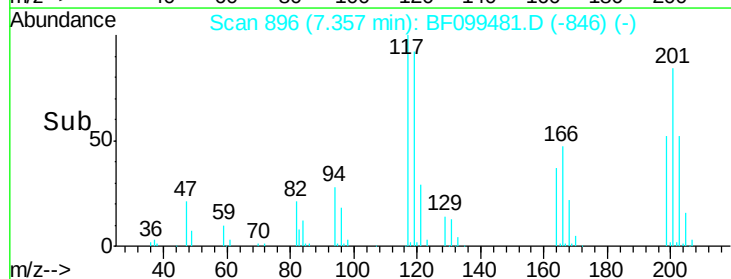
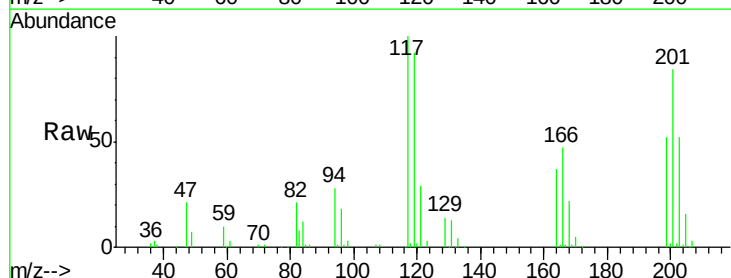
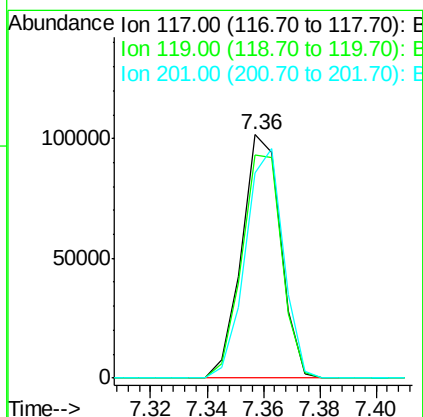
Manual Integrations
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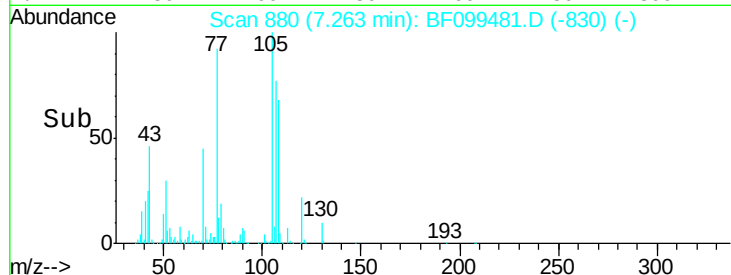
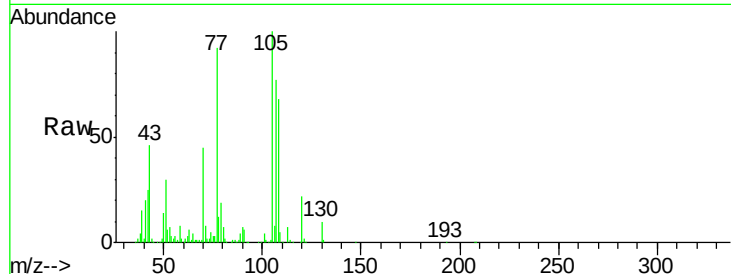
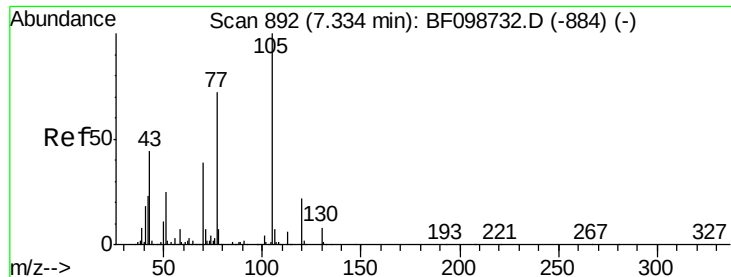
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#18
Hexachloroethane
Concen: 36.81 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion:	117	Resp:	97375
Ion Ratio	Lower	Upper	
117	100		
119	91.9	75.8	113.8
201	84.0	75.7	113.5





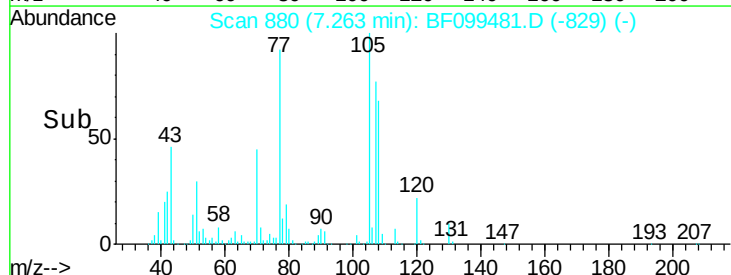
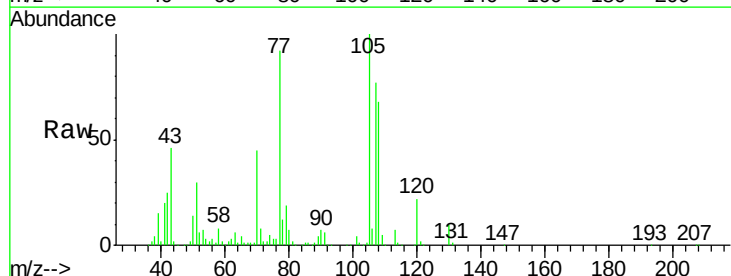
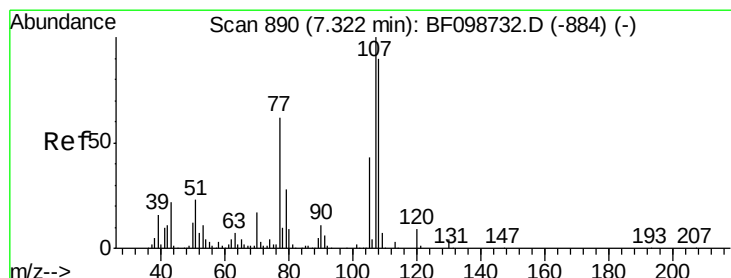
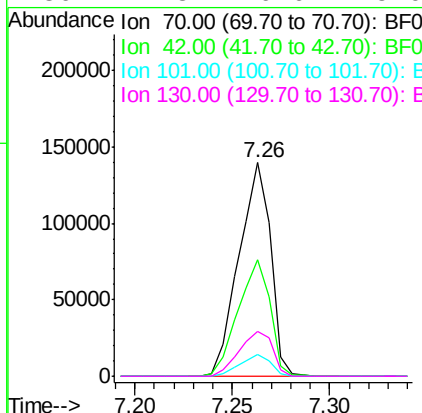
#19
n-Nitroso-di-n-propylamine
Concen: 32.69 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.5	47.5	71.3
101	9.9	7.4	11.2
130	21.3	16.6	25.0

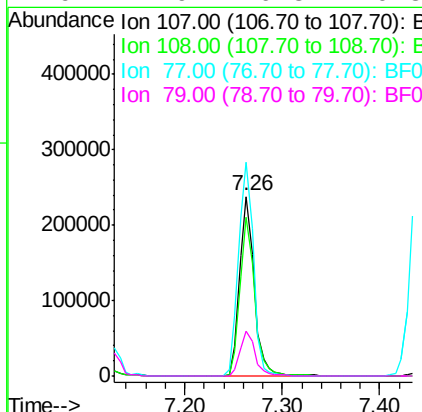
Manual Integrations
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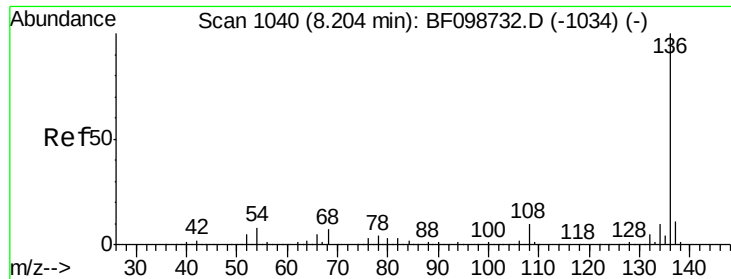
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#20
3+4-Methylphenols
Concen: 35.07 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	119.2	26.7	66.7#
79	24.9	6.3	46.3





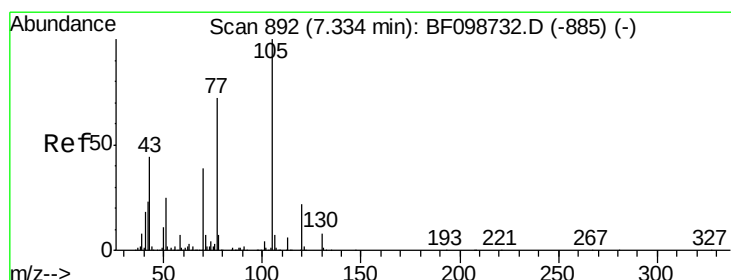
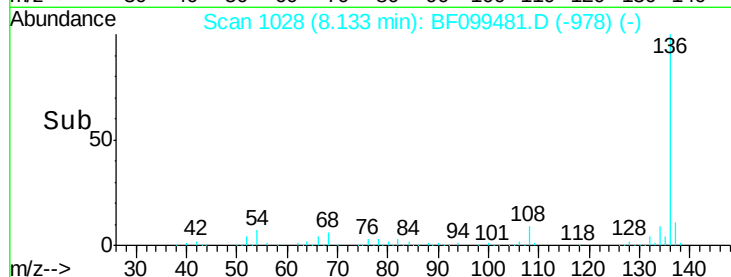
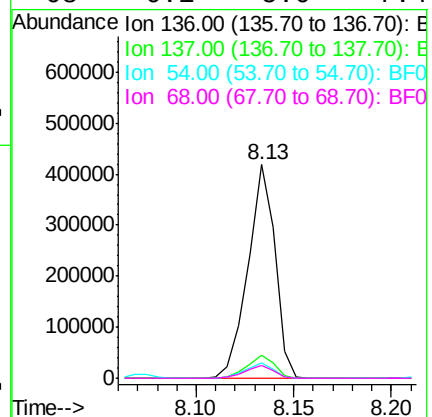
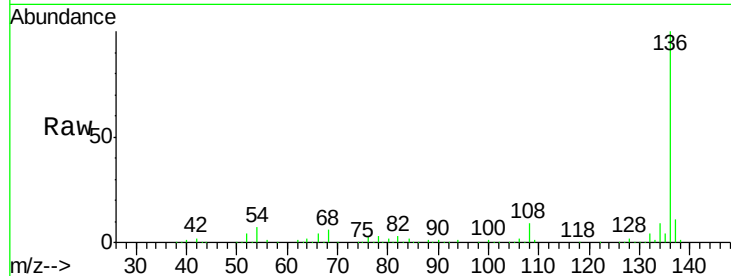
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	403809		
137	11.0	8.9	13.3	
54	7.3	6.6	9.8	
68	6.1	5.0	7.4	

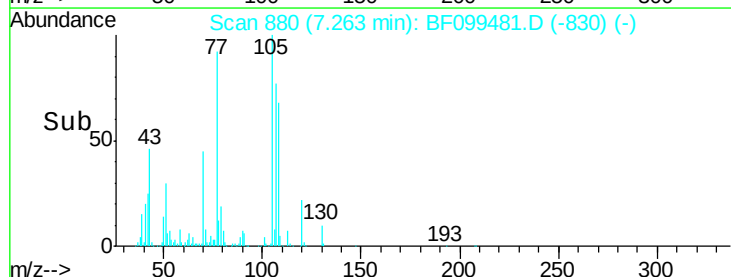
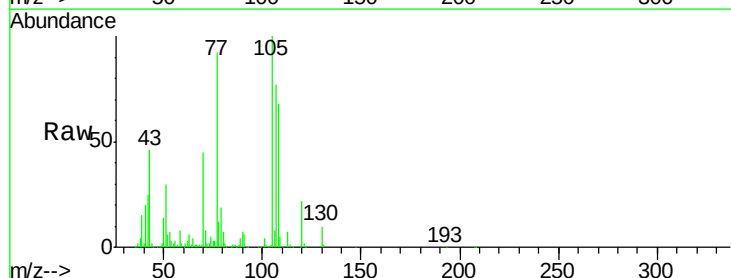
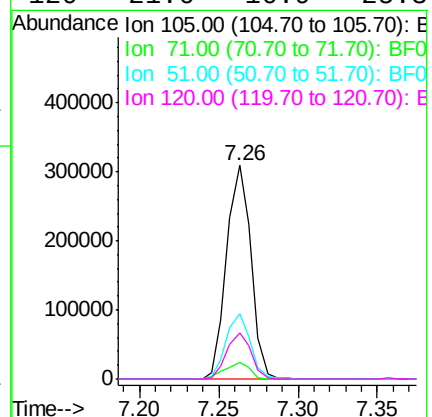
Manual Integrations
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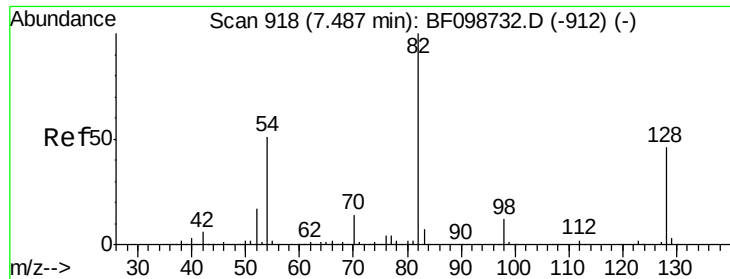
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#22
Acetophenone
Concen: 33.71 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	329813		
71	7.6	4.4	6.6#	
51	30.4	22.3	33.5	
120	21.6	16.9	25.3	





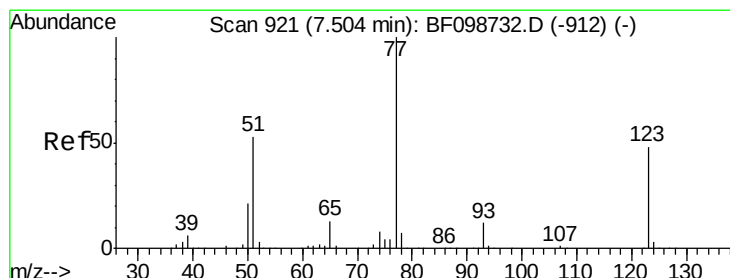
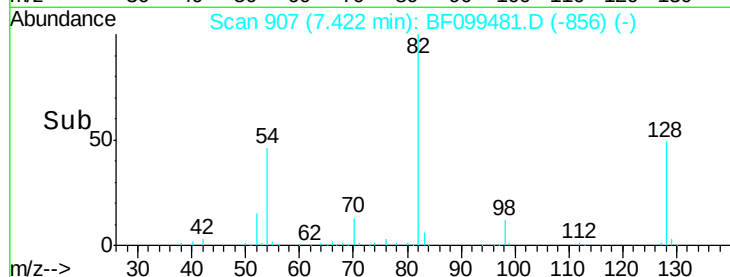
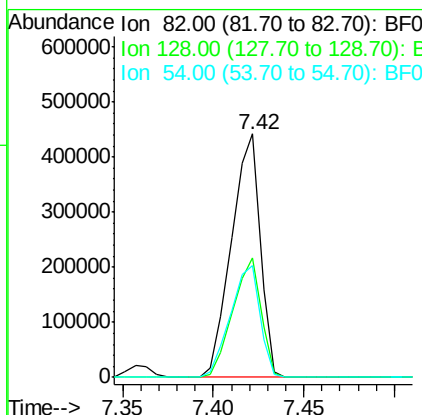
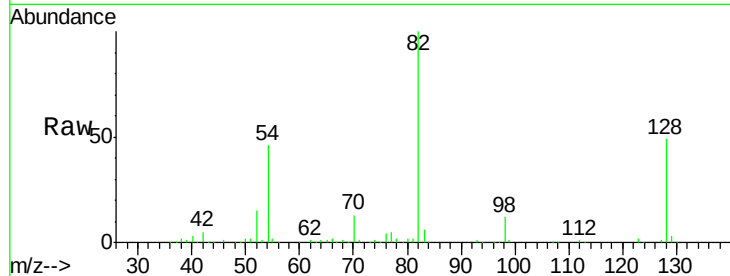
#23
 Nitrobenzene-d5
 Concen: 77.62 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	488736		
128	48.8	36.1	54.1	
54	46.0	41.4	62.2	

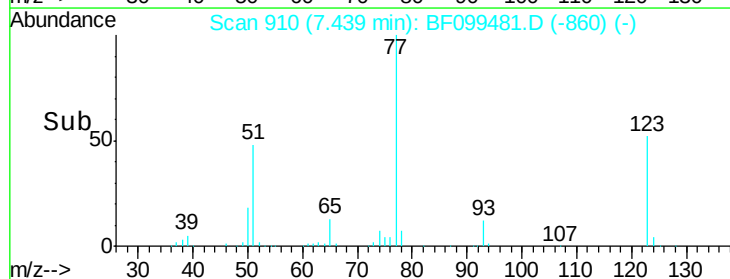
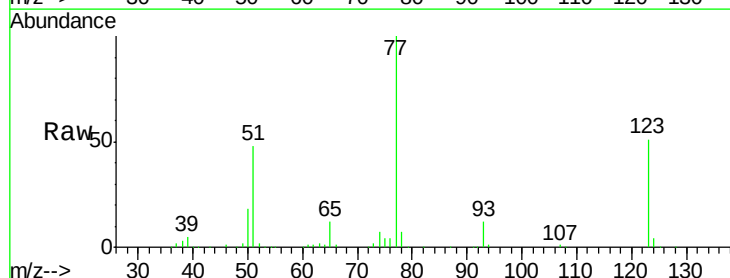
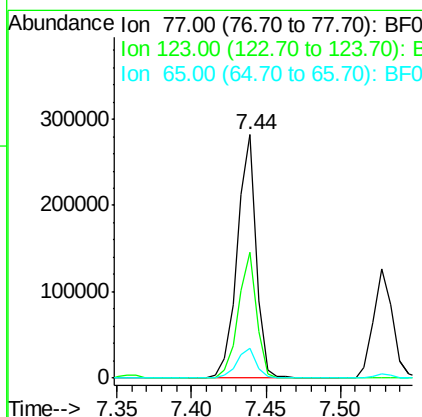
Manual Integrations
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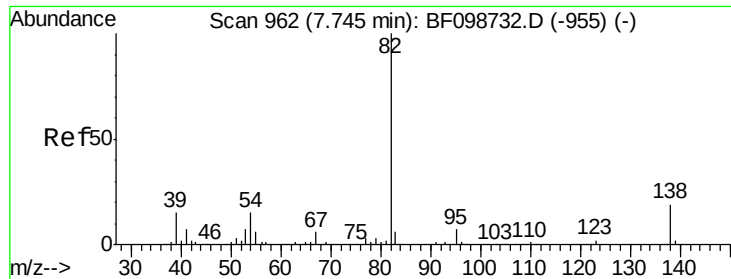
Sohil
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#24
 Nitrobenzene
 Concen: 35.19 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	251329		
123	51.5	37.9	56.9	
65	12.5	11.0	16.4	





#25

Isophorone

Concen: 35.35 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

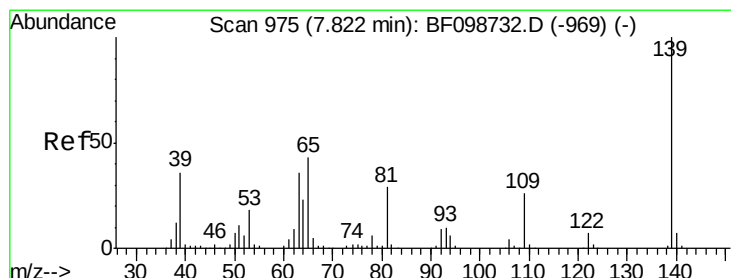
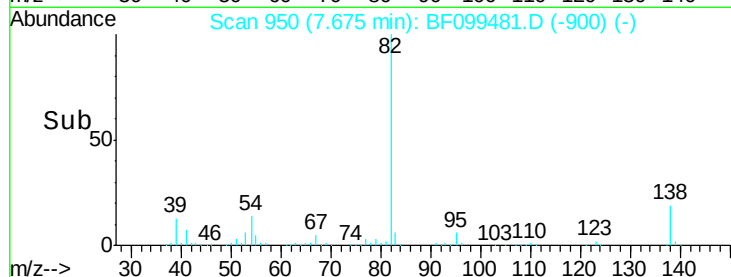
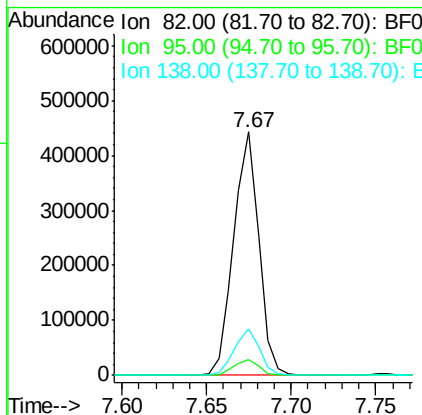
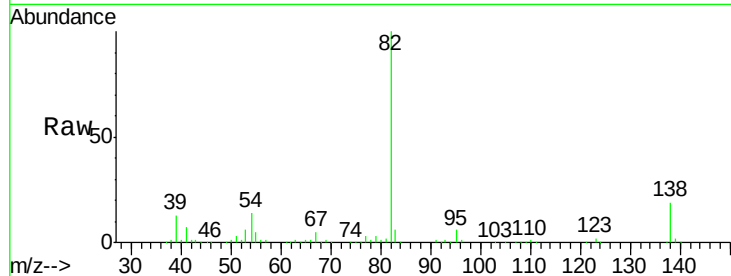
ClientSampleId :

PB103259BS

Tgt Ion:	82	Resp:	460228
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.50 ng

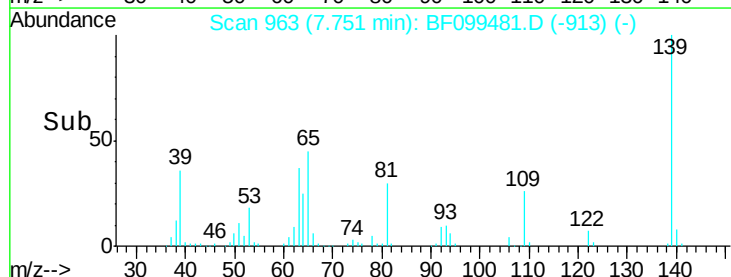
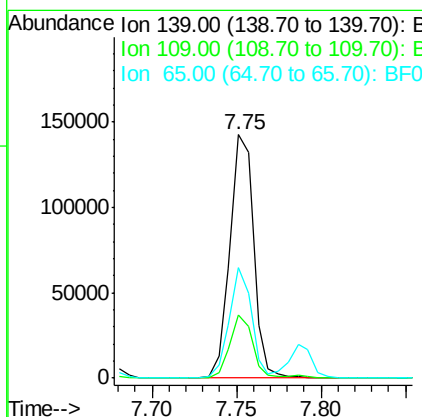
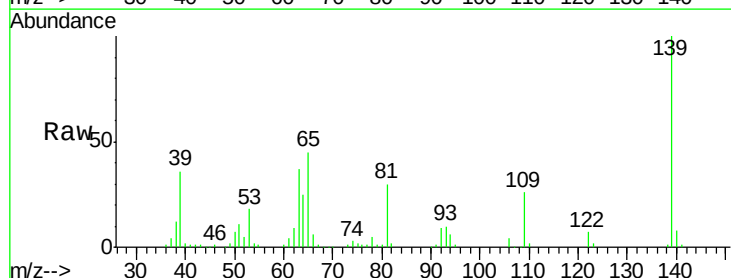
RT: 7.75 min Scan# 963

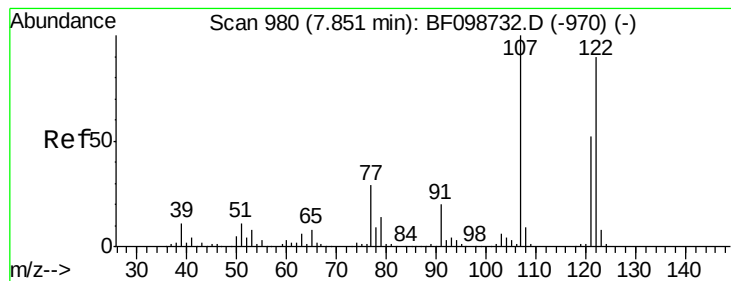
Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	139	Resp:	139098
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	45.2	40.5	60.7





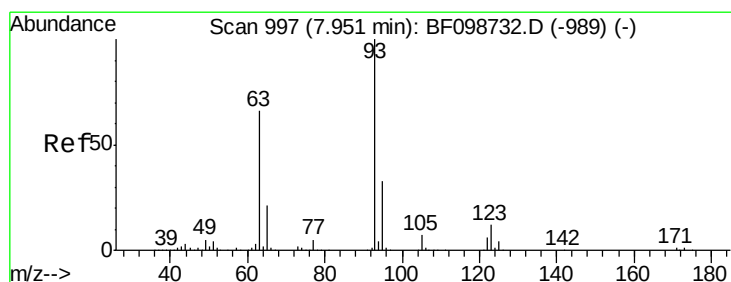
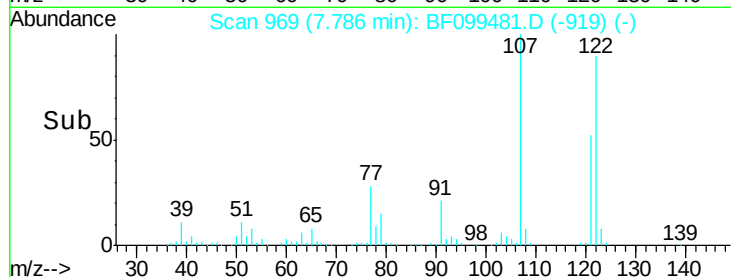
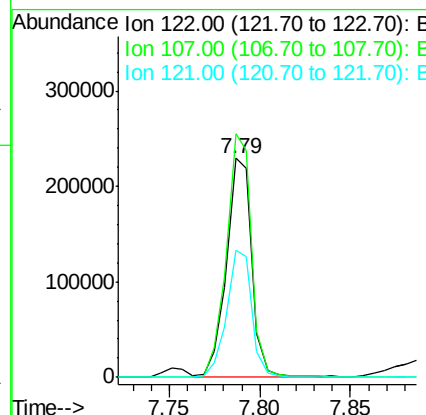
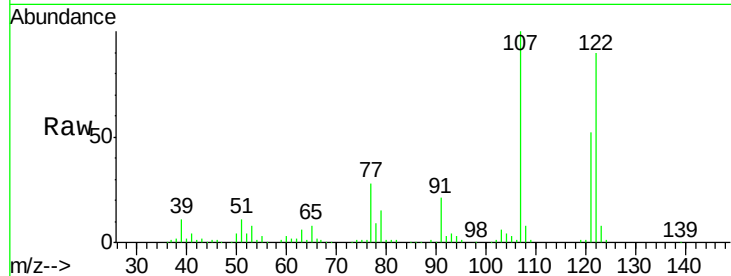
#27
 2,4-Dimethylphenol
 Concen: 34.55 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	224134		
107	111.2	91.2	136.8	
121	57.8	47.2	70.8	

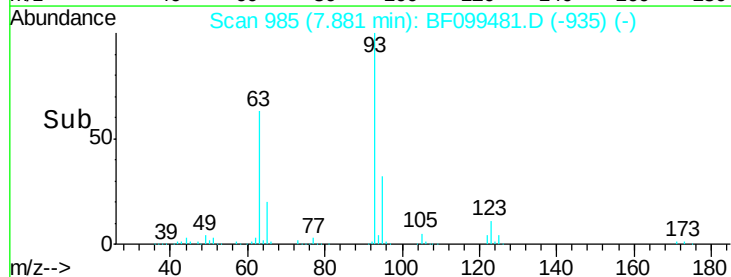
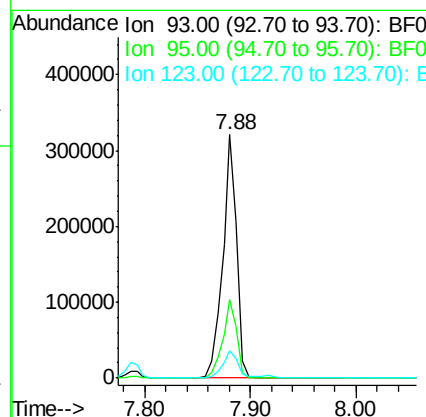
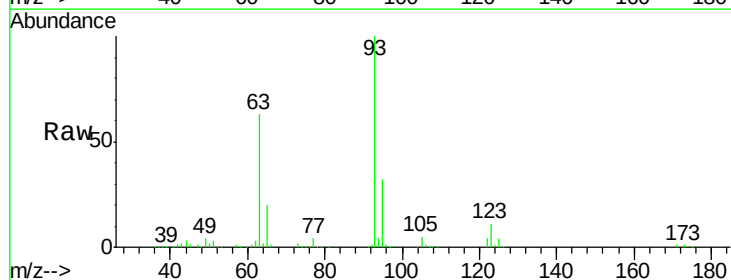
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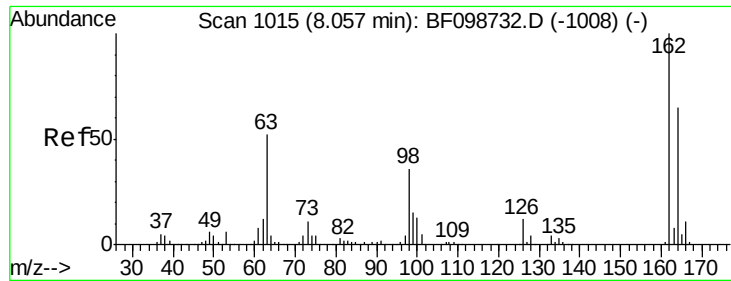
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.78 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	298394		
95	32.5	26.3	39.5	
123	11.4	9.8	14.6	





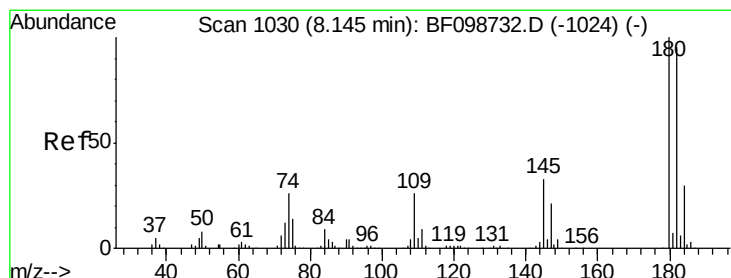
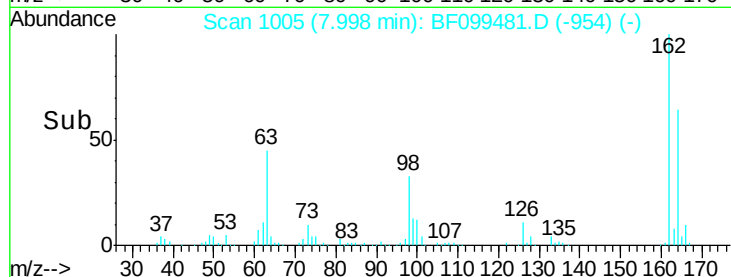
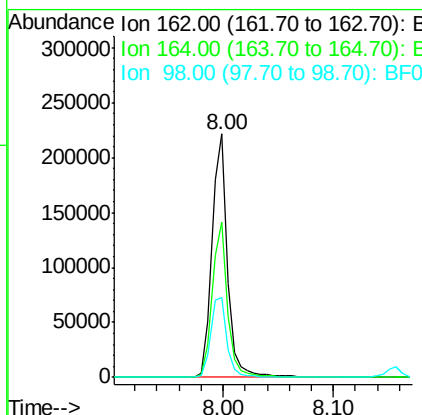
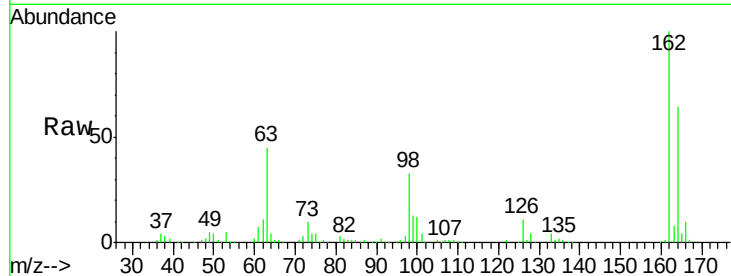
#29
 2,4-Dichlorophenol
 Concen: 37.89 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	210994		
164	63.7	42.7	82.7	
98	32.8	18.1	58.1	

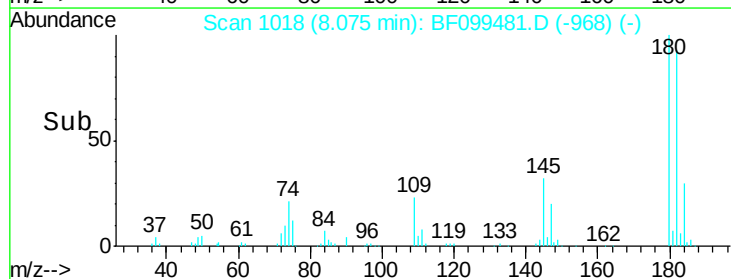
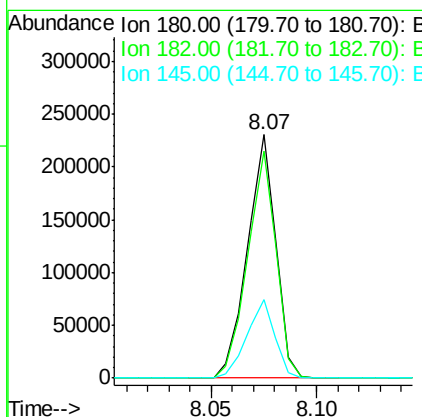
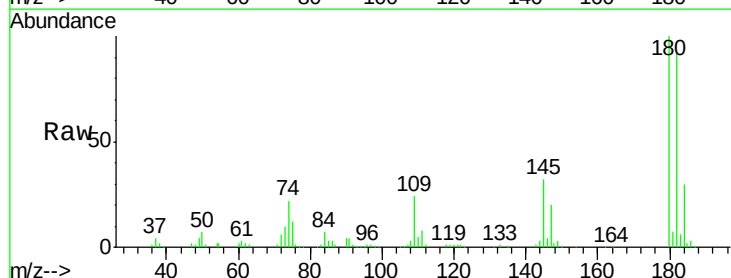
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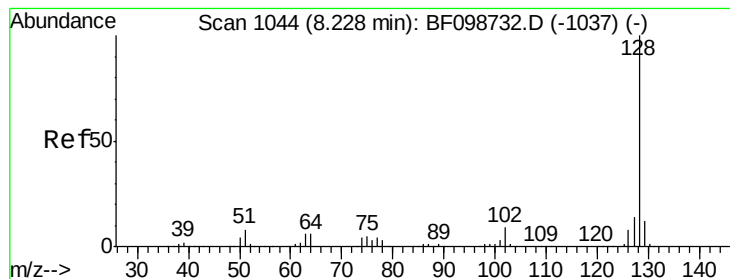
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.66 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	215323		
182	93.3	76.8	115.2	
145	32.0	26.5	39.7	





#31

Naphthalene

Concen: 37.65 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

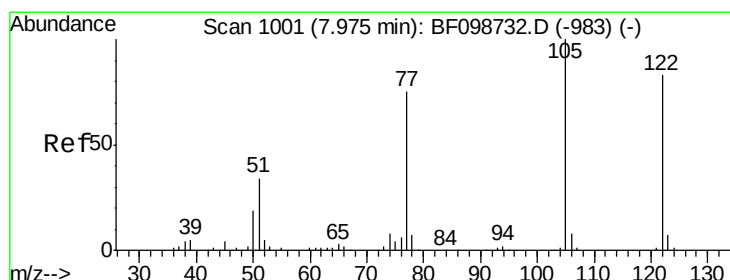
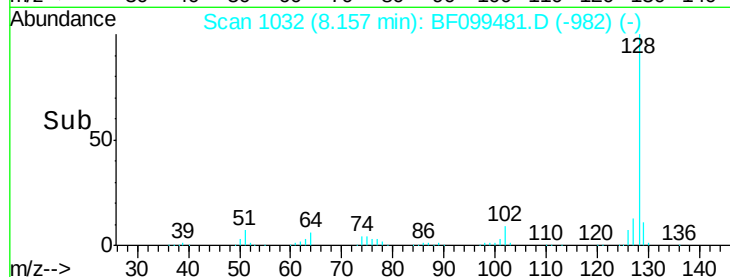
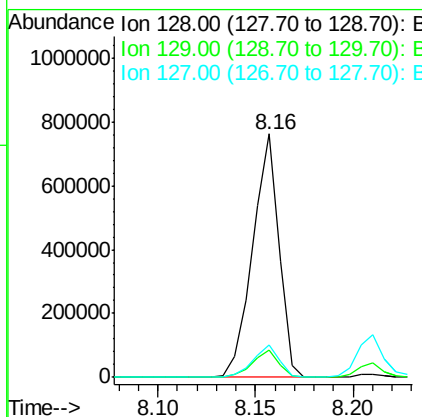
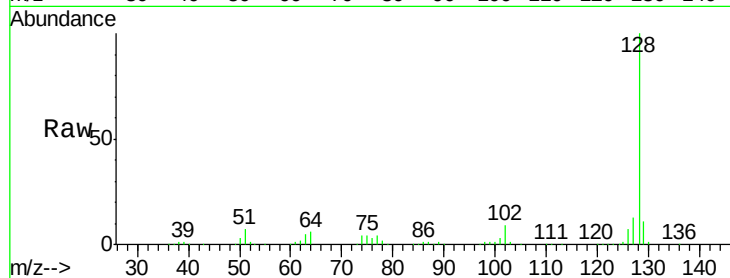
ClientSampled :

PB103259BS

Tgt Ion:	128	Resp:	714095
Ion Ratio		Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 18.14 ng

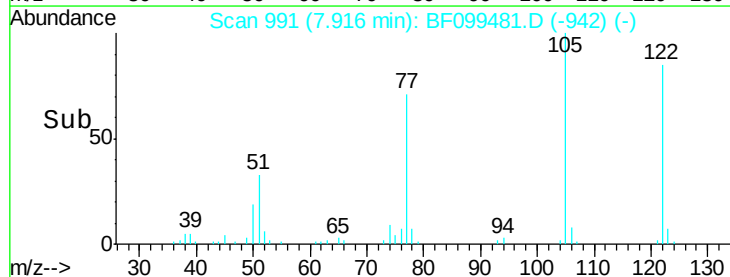
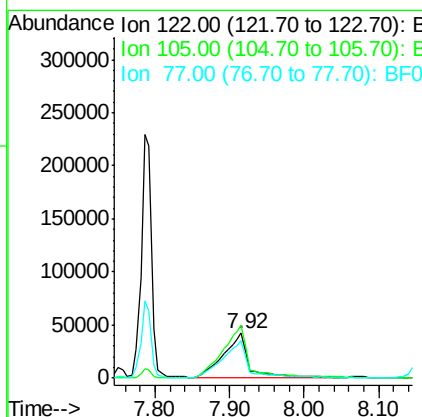
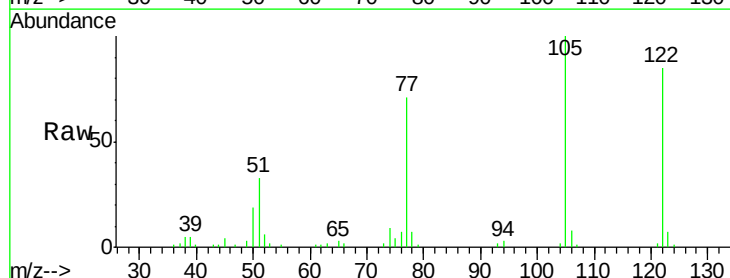
RT: 7.92 min Scan# 991

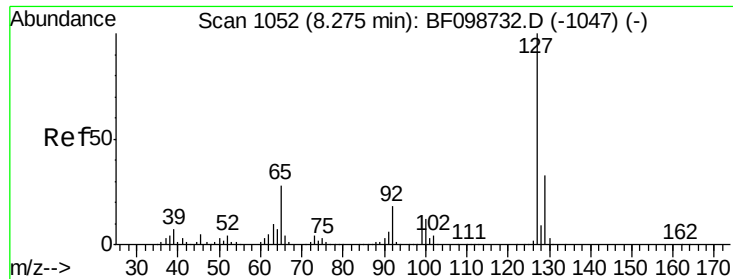
Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	122	Resp:	96665
Ion Ratio		Lower	Upper
122	100		
105	117.5	101.1	141.1
77	82.9	70.7	110.7





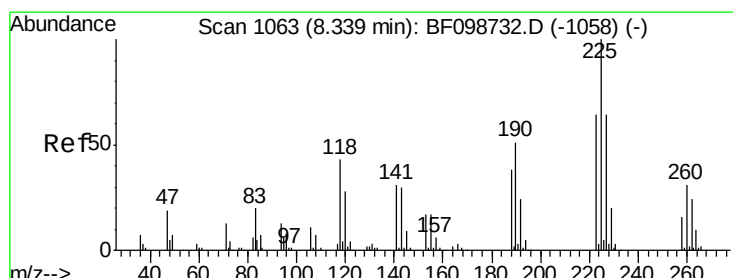
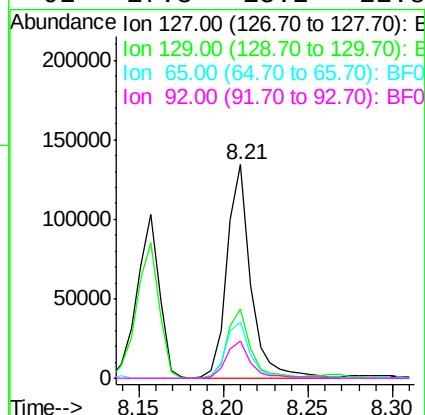
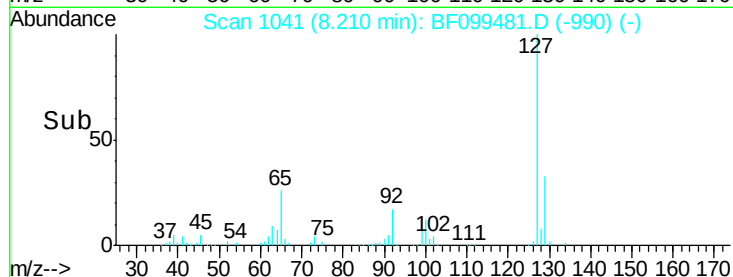
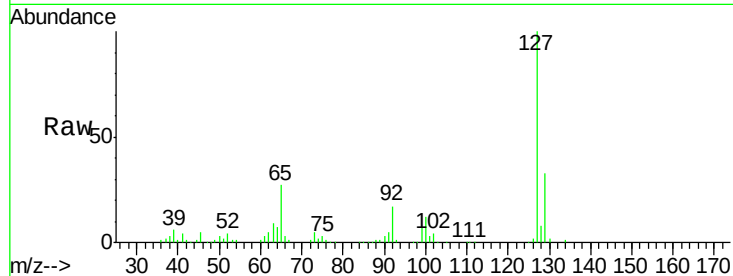
#33
4-Chloroaniline
Concen: 16.52 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	130809		
129	32.6	25.9	38.9	
65	26.6	25.0	37.4	
92	17.3	15.2	22.8	

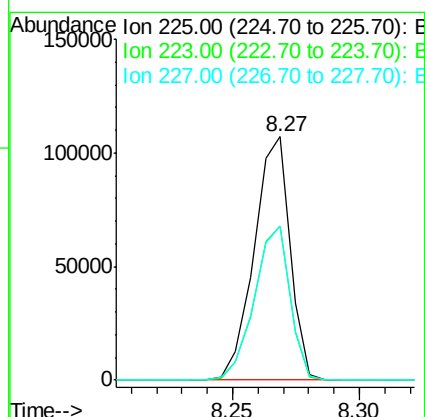
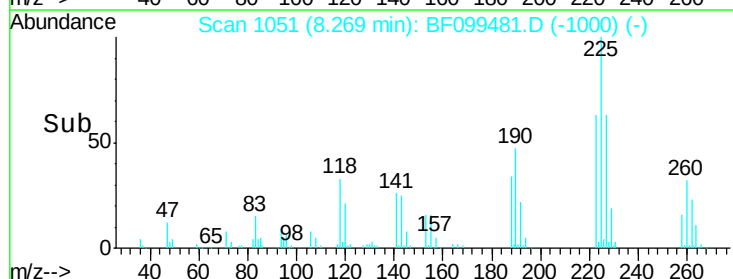
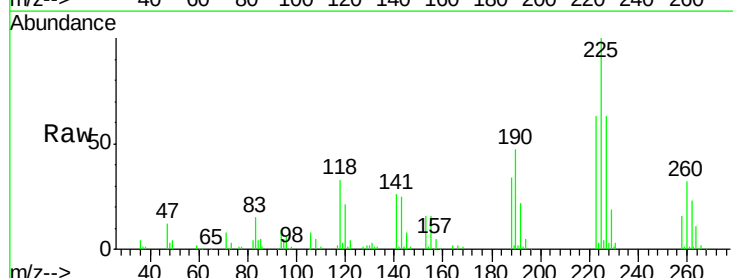
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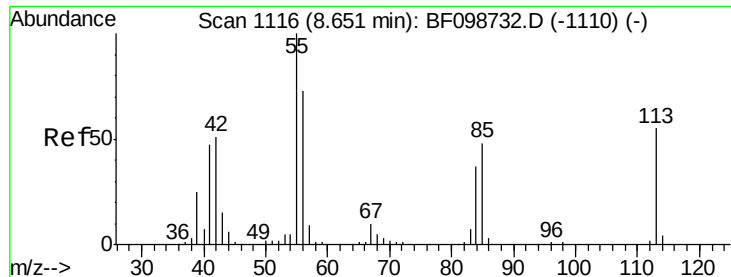
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#34
Hexachlorobutadiene
Concen: 36.97 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106068		
223	63.4	50.6	76.0	
227	63.1	51.9	77.9	





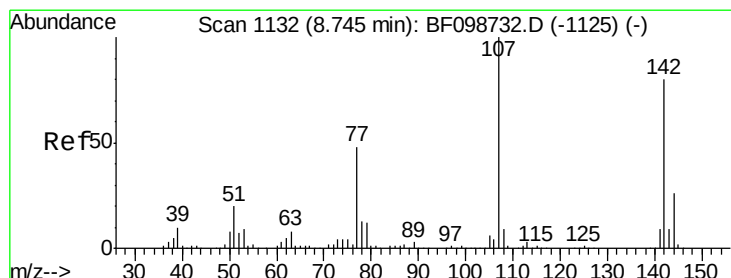
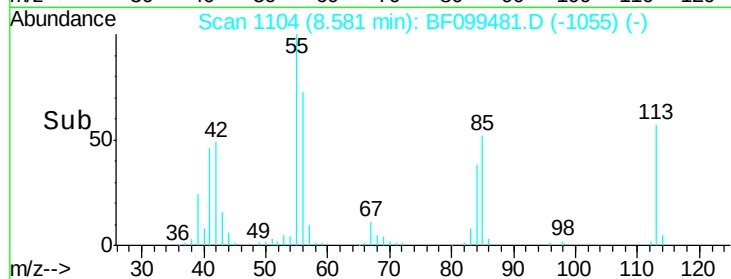
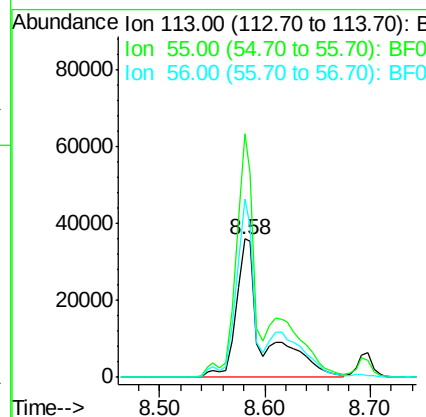
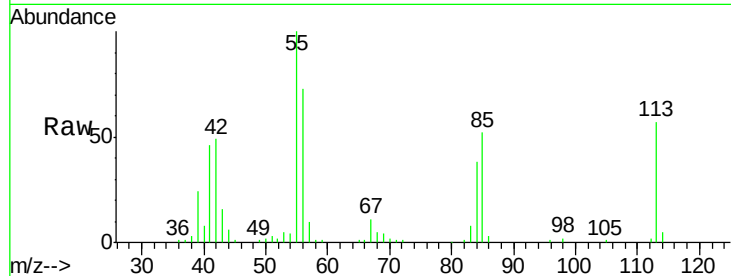
#35
 Caprolactam
 Concen: 37.27 ng m
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion:113 Resp: 66585
 Ion Ratio Lower Upper
 113 100
 55 175.8 163.3 203.3
 56 128.7 115.7 155.7

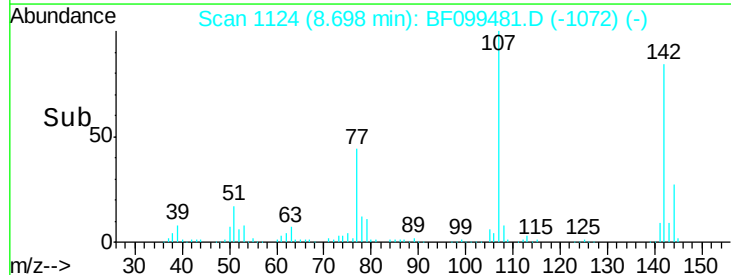
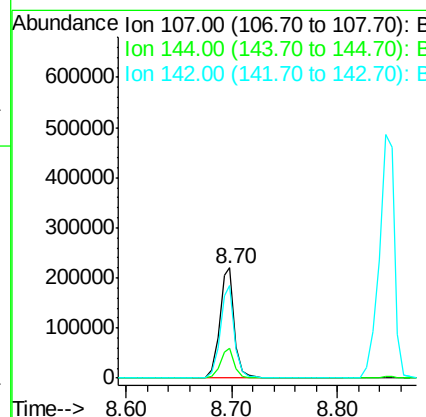
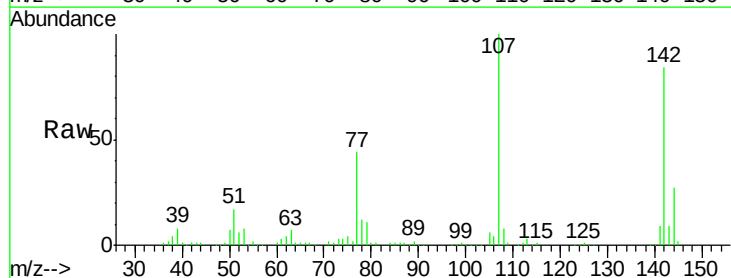
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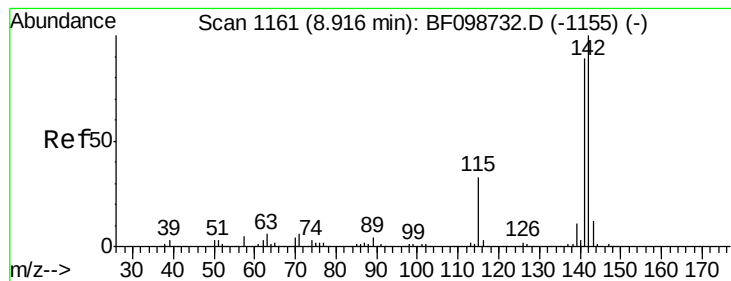
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#36
 4-Chloro-3-methylphenol
 Concen: 34.85 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion:107 Resp: 218138
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 83.7 62.0 93.0





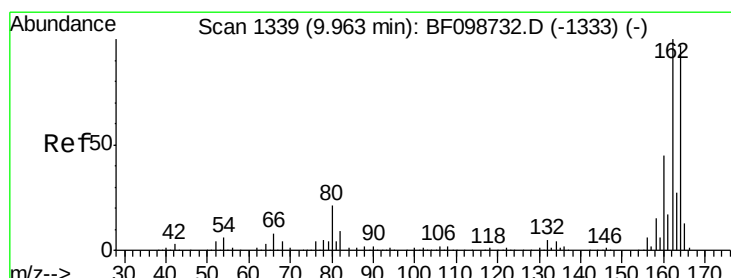
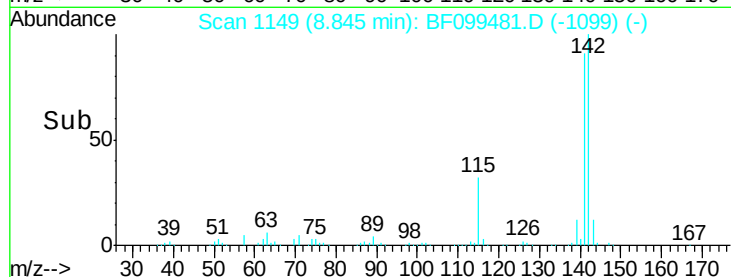
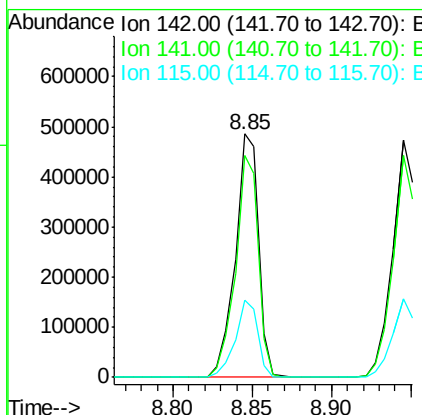
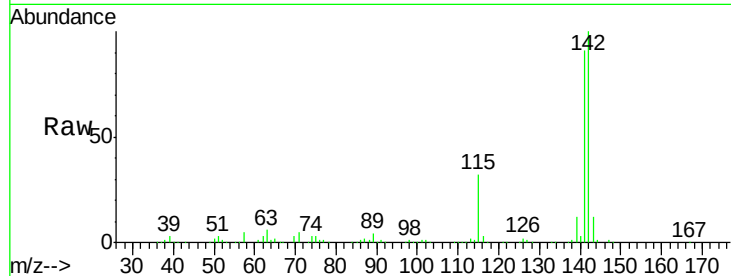
#37
2-Methylnaphthalene
Concen: 40.08 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	31.8	26.1	39.1

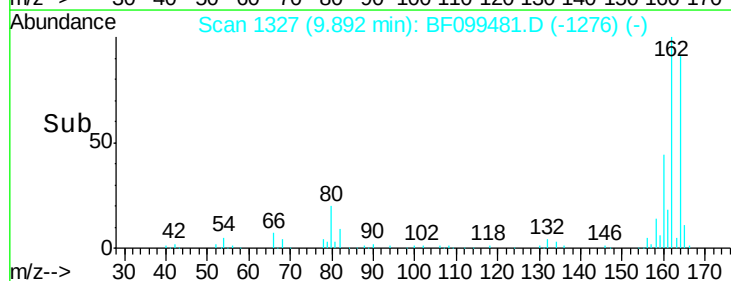
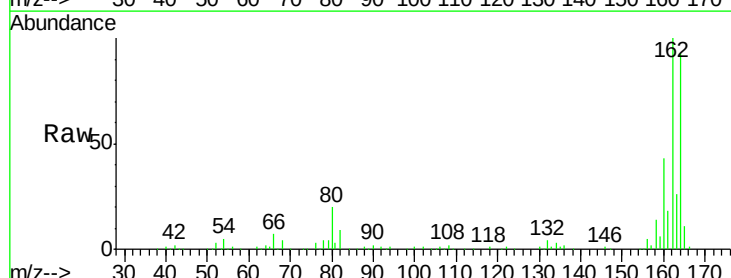
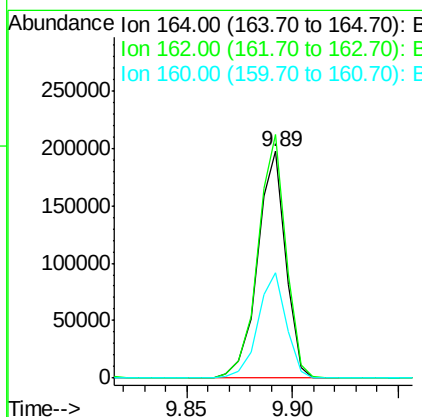
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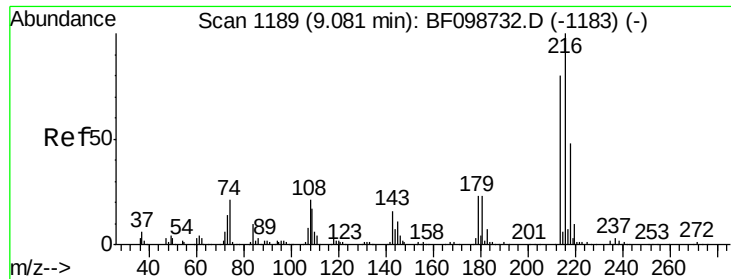
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	86.1	129.1
160	46.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.23 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

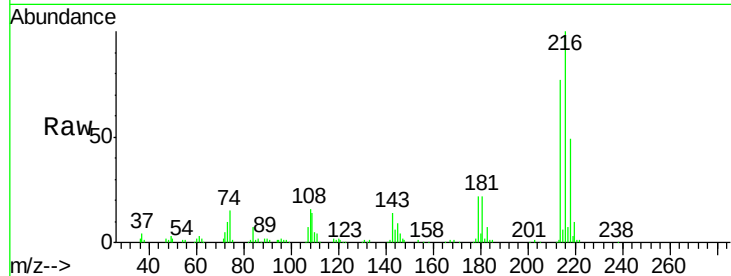
ClientSampleId :

PB103259BS

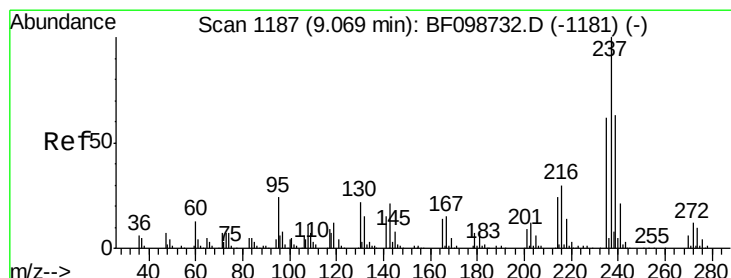
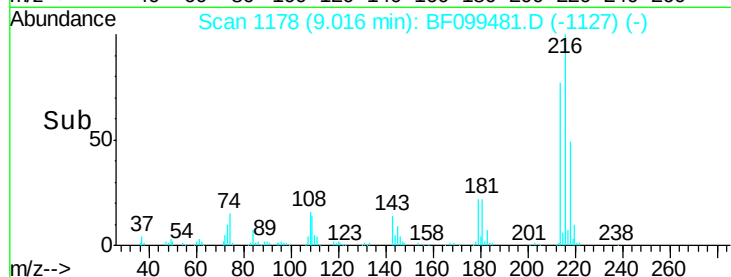
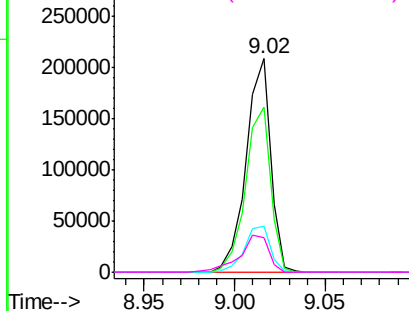
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	197144		
214	78.8	63.0	94.4	
179	22.6	18.1	27.1	
108	20.3	17.2	25.8	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.63 ng

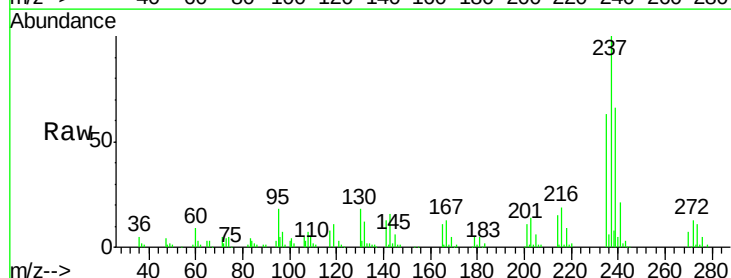
RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

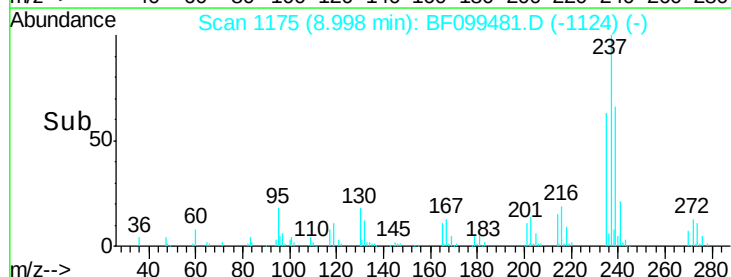
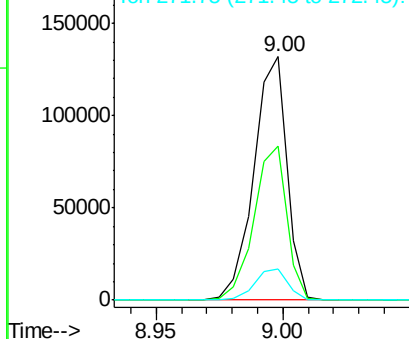
Lab File: BF099481.D

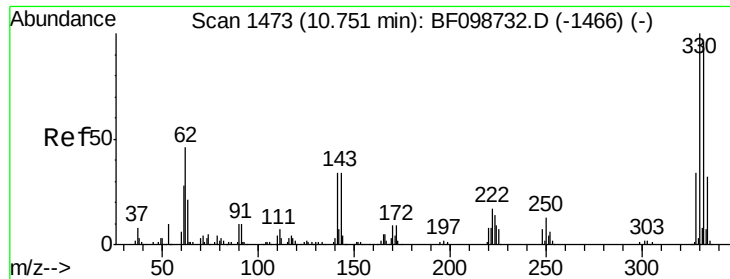
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	120947		
235	63.0	44.8	84.8	
272	12.9	0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





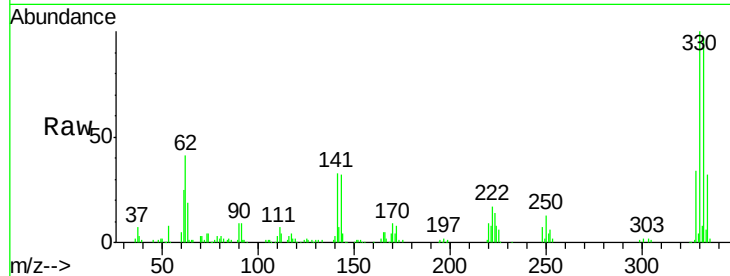
#41
 2,4,6-Tribromophenol
 Concen: 110.40 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampled :
 PB103259BS

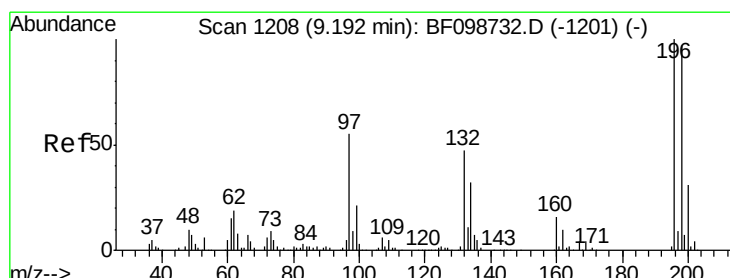
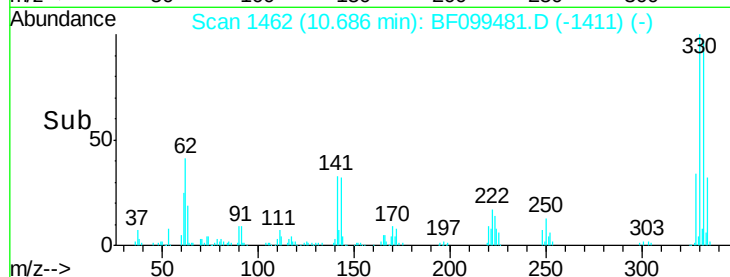
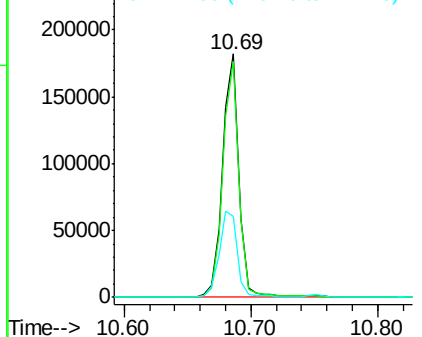
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	164840		
332	96.8	77.0	115.6	
141	39.6	29.9	44.9	

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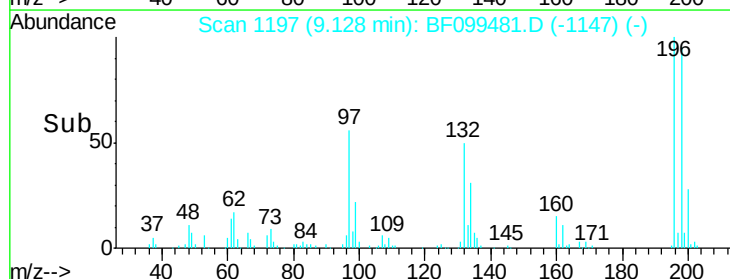
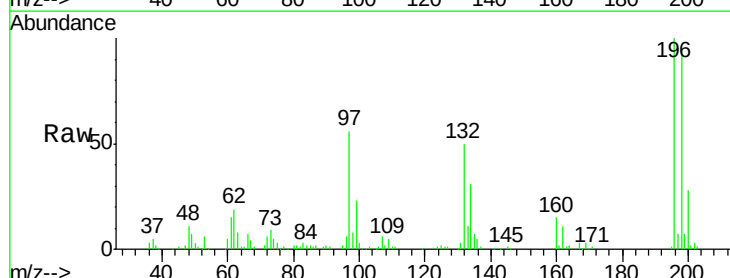
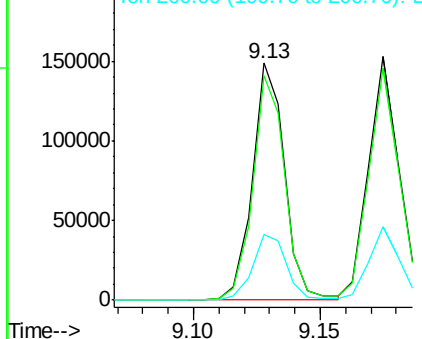
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

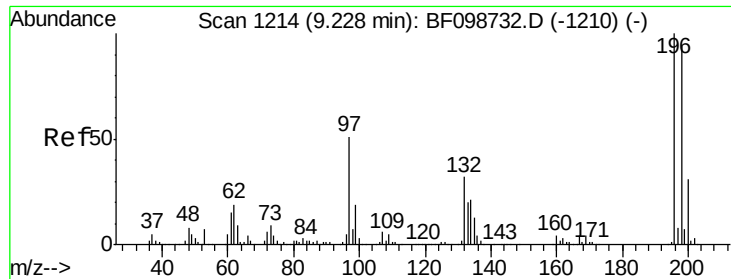


#42
 2,4,6-Trichlorophenol
 Concen: 34.19 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	131799		
198	95.0	75.7	113.5	
200	27.8	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





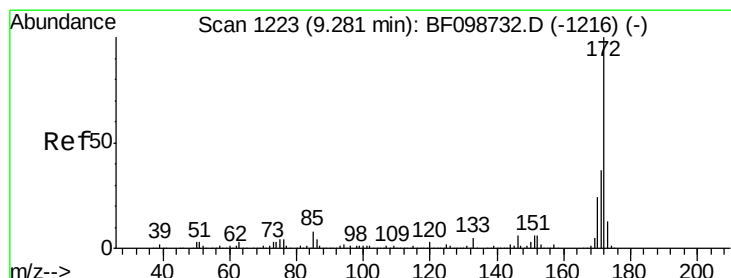
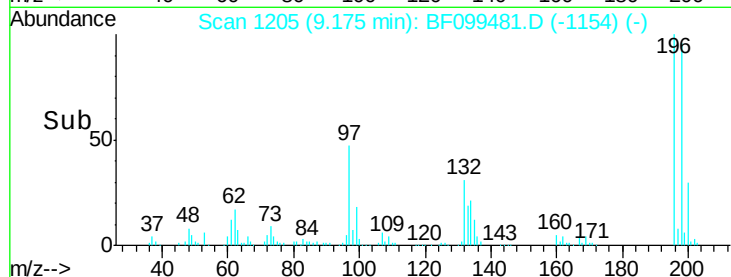
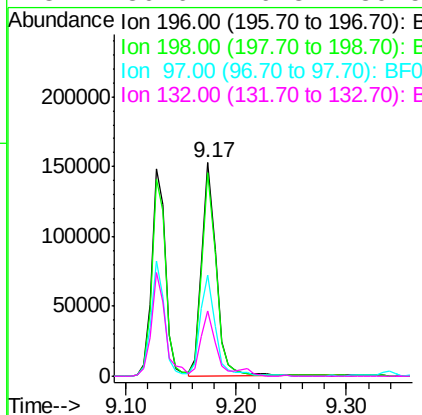
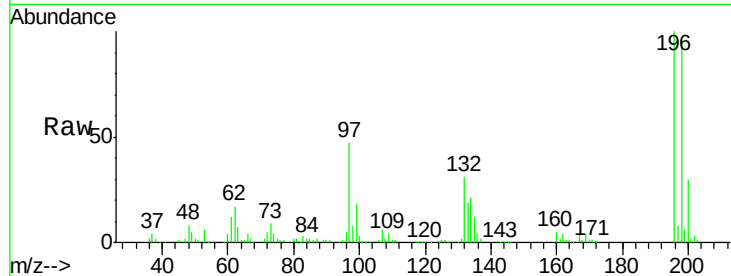
#43
 2,4,5-Trichlorophenol
 Concen: 35.15 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135261		
198	95.6	74.6	112.0	
97	47.4	42.9	64.3	
132	30.6	26.3	39.5	

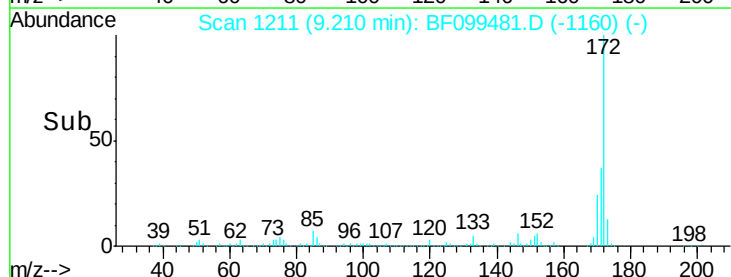
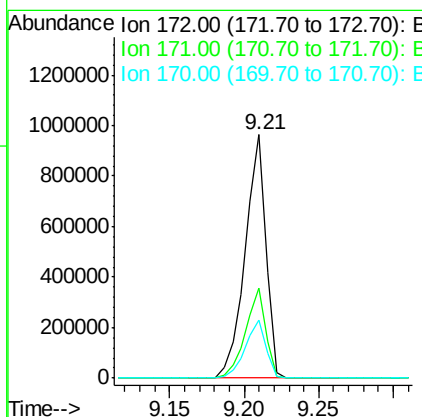
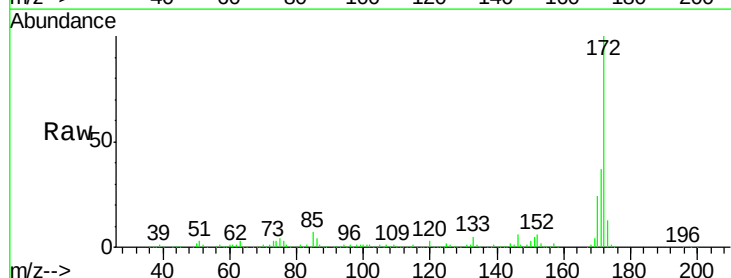
Manual Integrations
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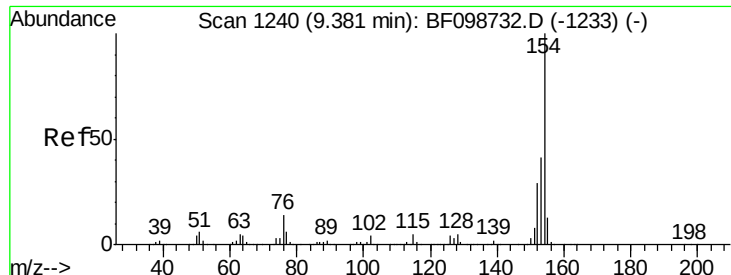
Sohil
 10/15/2017 12:41:22 PM



#44
 2-Fluorobiphenyl
 Concen: 84.84 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	927360		
171	36.7	29.7	44.5	
170	24.0	19.6	29.4	





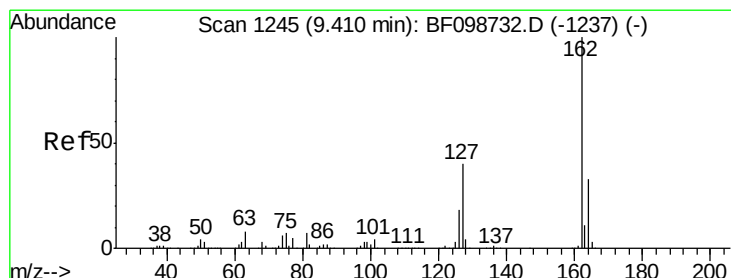
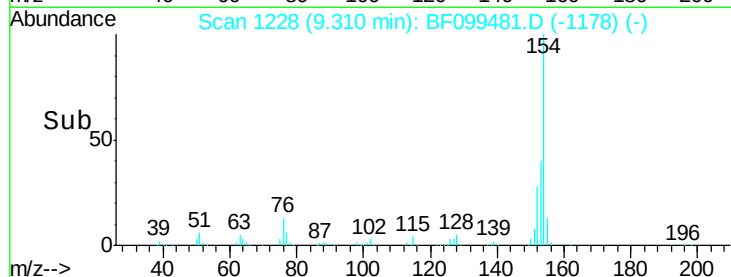
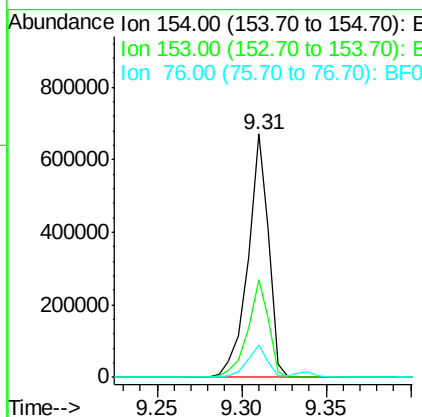
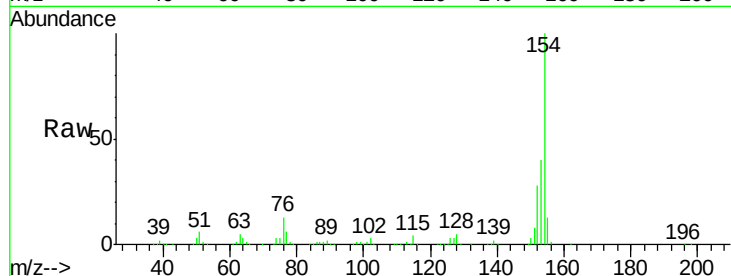
#45
 1,1'-Biphenyl
 Concen: 36.66 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	574979		
153	40.3	21.3	61.3	
76	13.3	0.0	34.0	

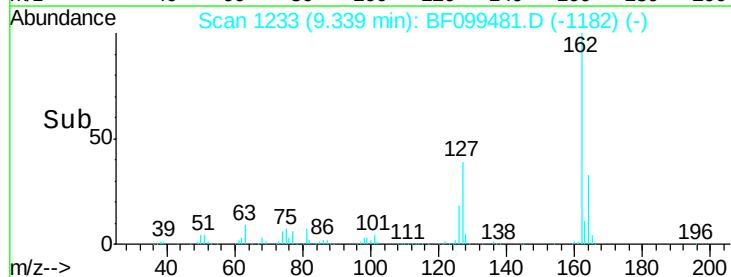
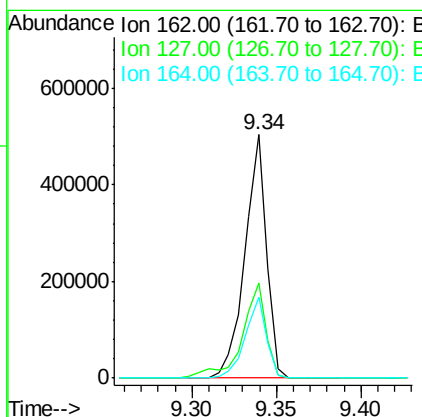
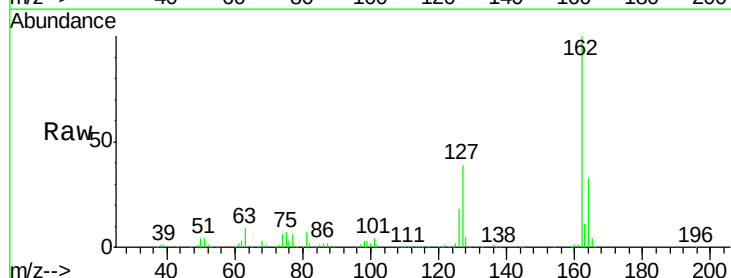
Manual Integrations
 APPROVED

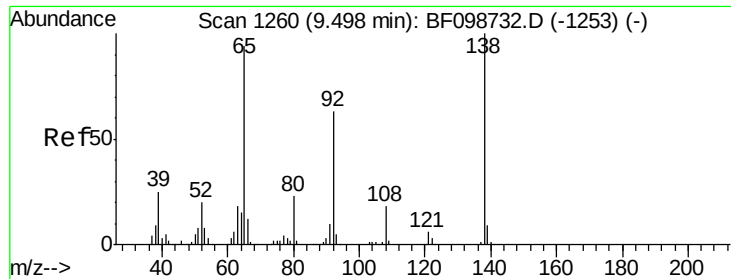
Sohil
 10/15/2017 12:41:22 PM



#46
 2-Chloronaphthalene
 Concen: 38.29 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	450901		
127	38.9	33.9	50.9	
164	33.2	26.5	39.7	





#47

2-Nitroaniline

Concen: 35.05 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

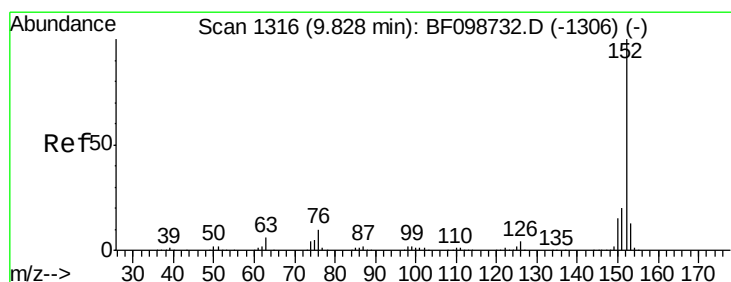
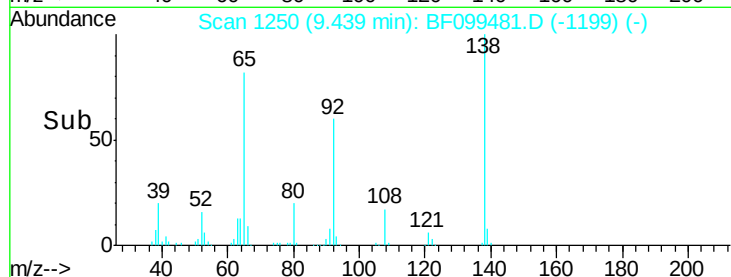
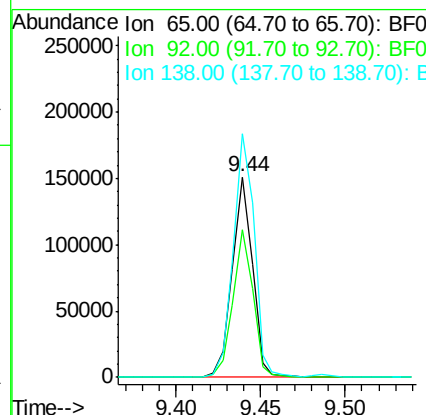
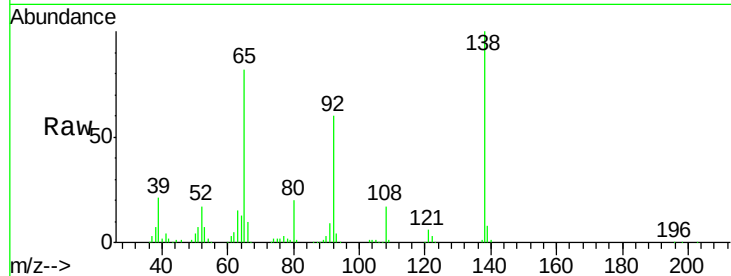
ClientSampleId :

PB103259BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.8	83.6
138	121.5	91.2	136.8

Manual Integrations
APPROVED

Sohil
10/15/2017 12:41:22 PM



#48

Acenaphthylene

Concen: 37.56 ng

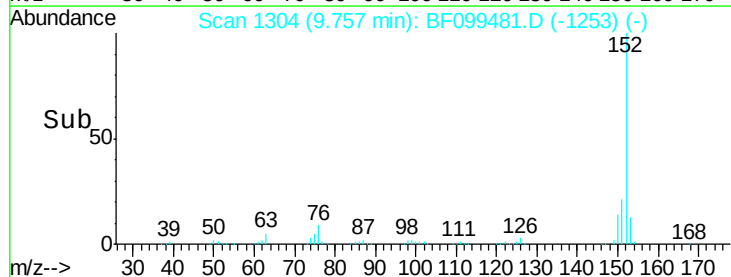
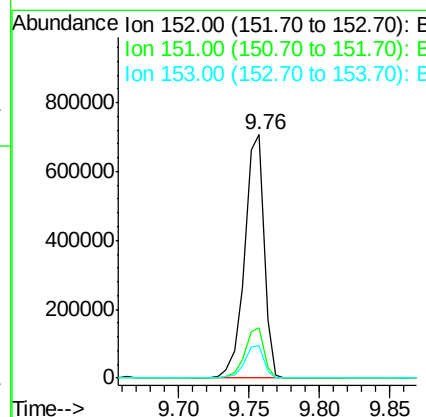
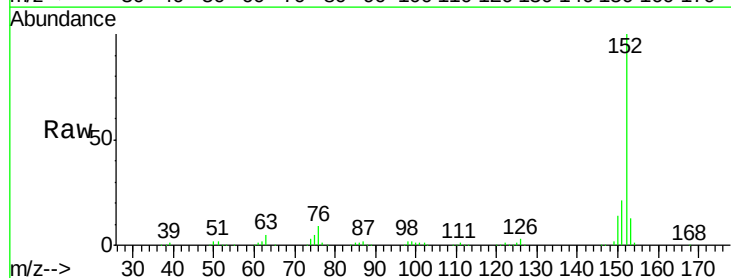
RT: 9.76 min Scan# 1304

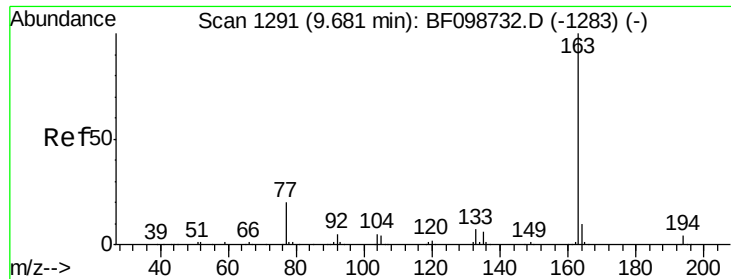
Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





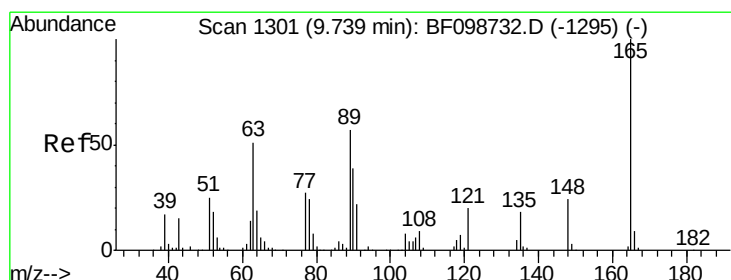
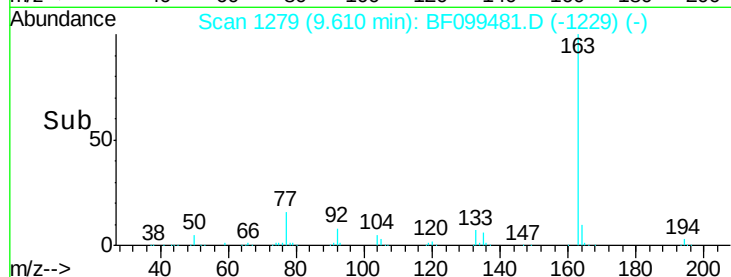
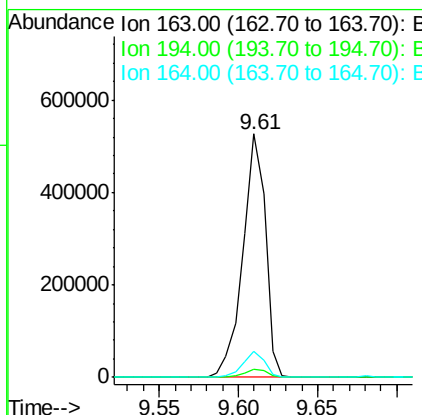
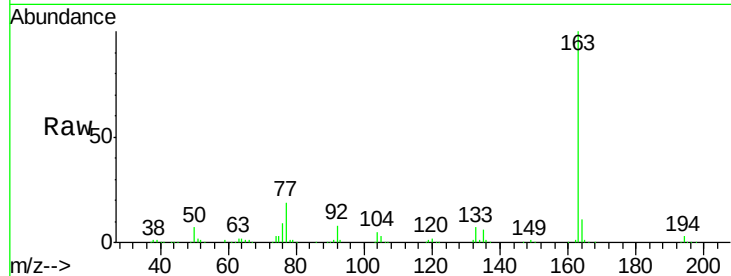
#49
Dimethylphthalate
Concen: 37.65 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	518511		
194	3.3	2.7	4.1	
164	10.5	8.2	12.2	

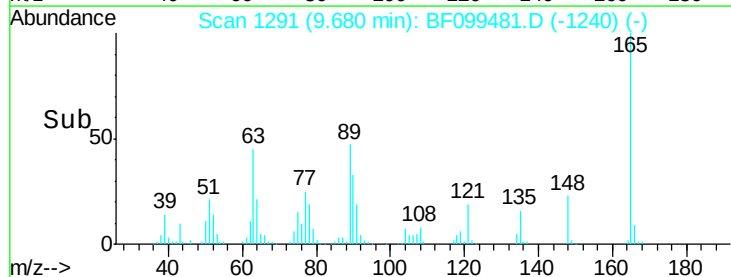
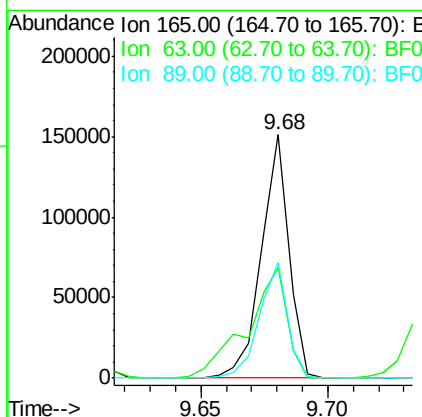
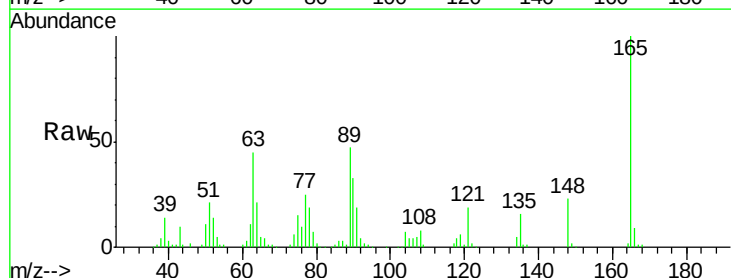
Manual Integrations
APPROVED

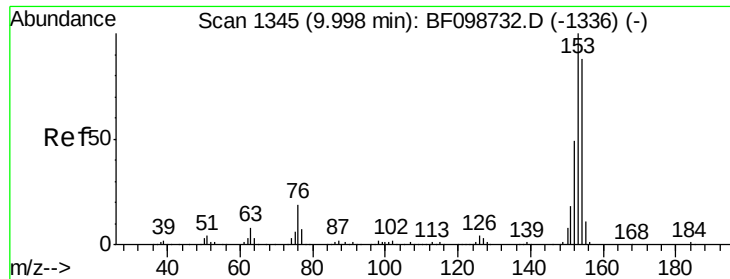
Sohil
10/15/2017 12:41:22 PM



#50
2,6-Dinitrotoluene
Concen: 38.47 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	115347		
63	45.3	44.7	67.1	
89	47.3	44.0	66.0	





#51

Acenaphthene

Concen: 35.12 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

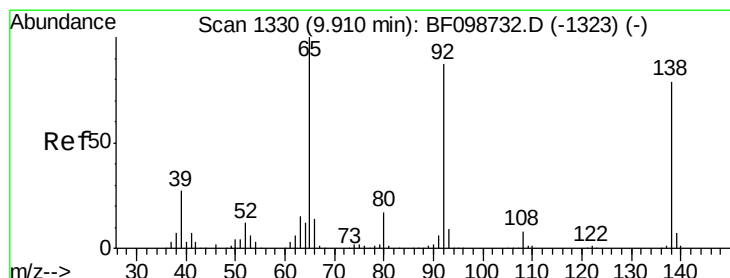
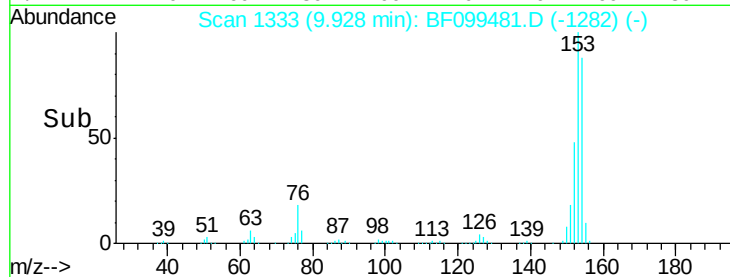
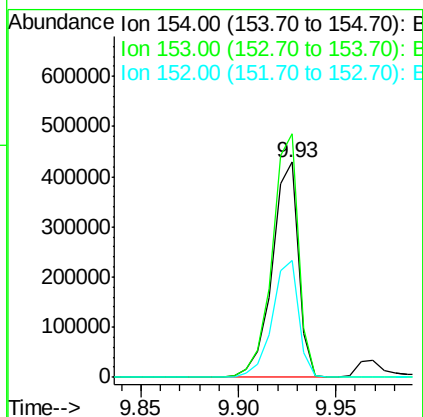
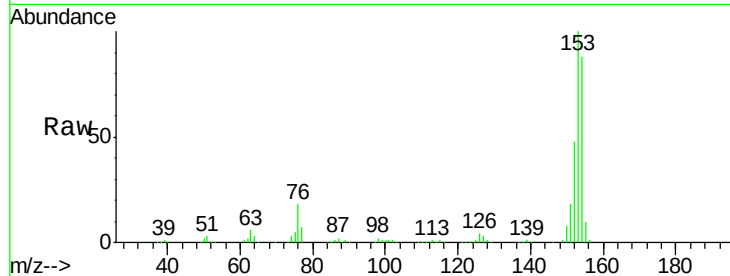
ClientSampleId :

PB103259BS

Tgt Ion:	154	Resp:	401030
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 23.71 ng

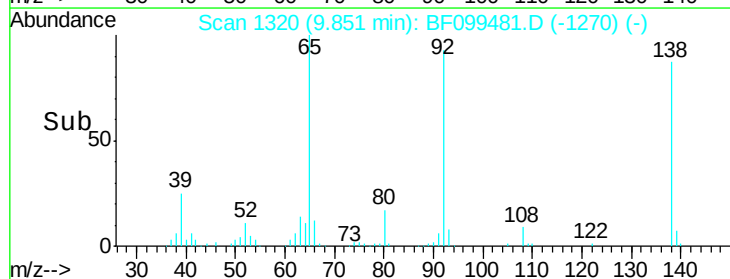
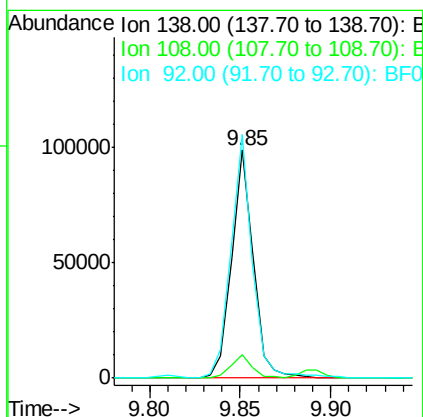
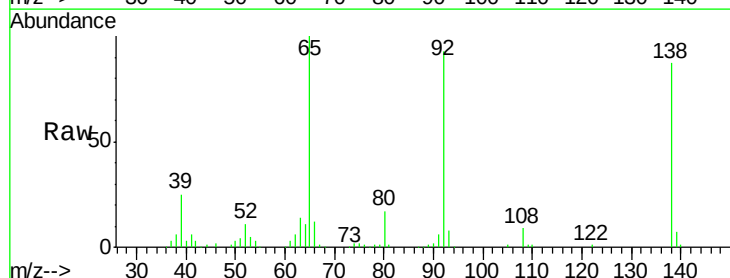
RT: 9.85 min Scan# 1320

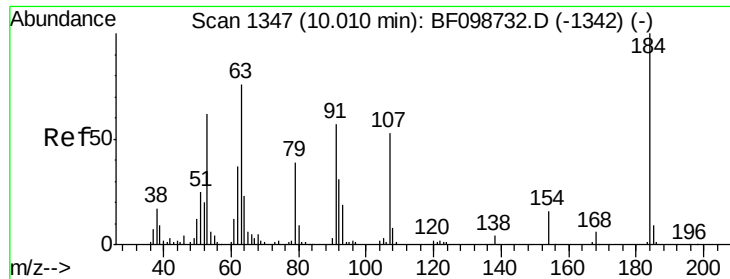
Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

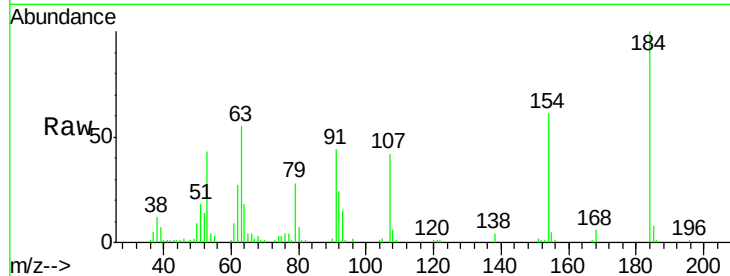
Tgt Ion:	138	Resp:	82887
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	106.8	89.4	134.2





#53
2,4-Dinitrophenol
Concen: 42.19 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

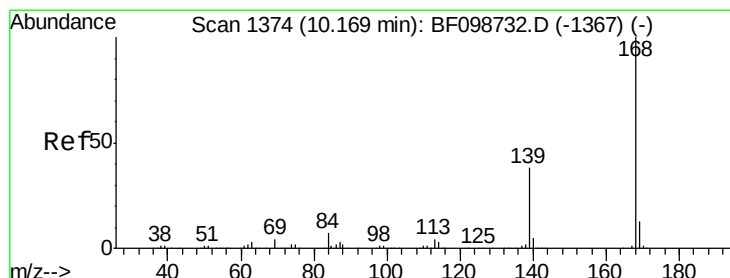
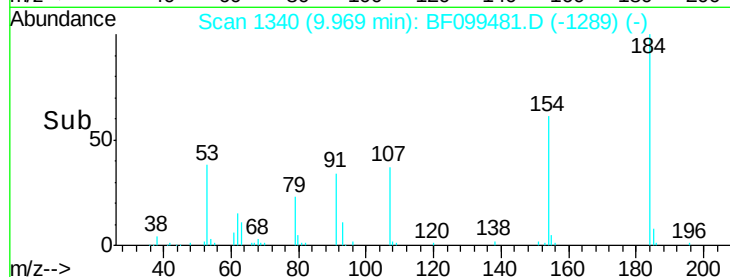
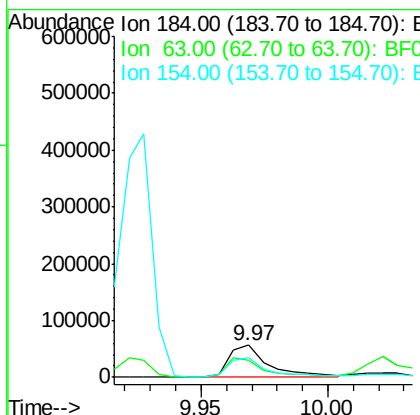
Instrument :
BNA_F
ClientSampled :
PB103259BS



Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.2	54.2	81.2
154	61.5	53.5	80.3

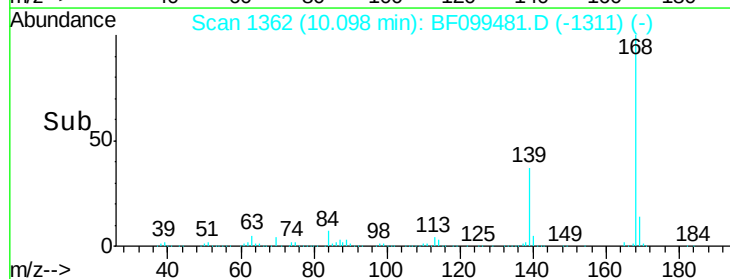
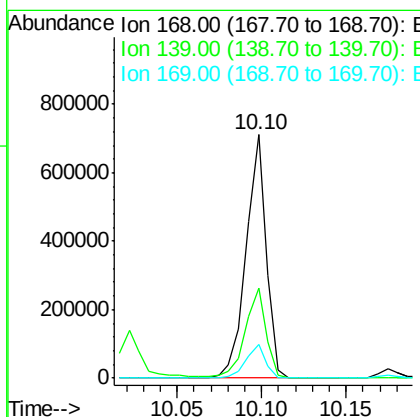
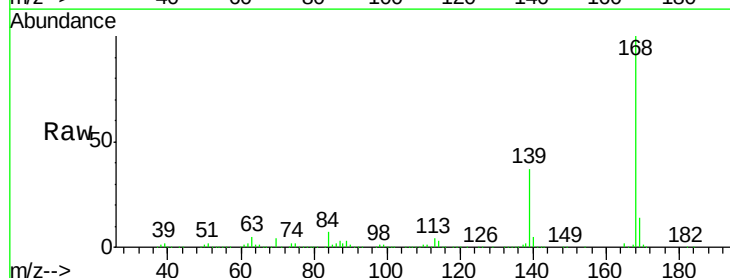
Manual Integrations
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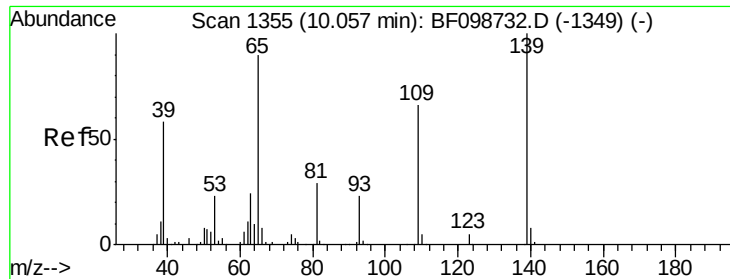
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#54
Dibenzofuran
Concen: 39.28 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.6	10.9	16.3





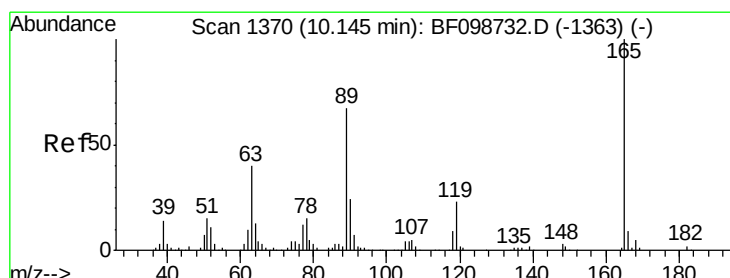
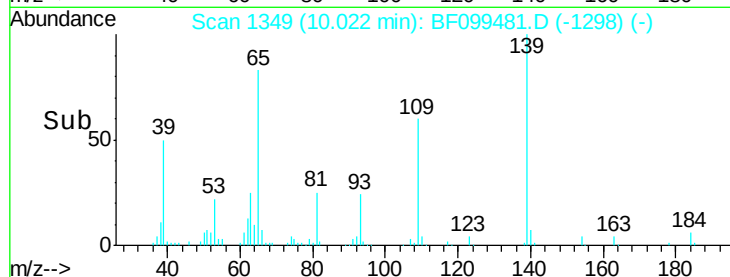
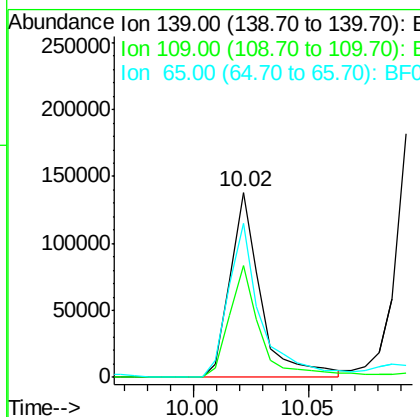
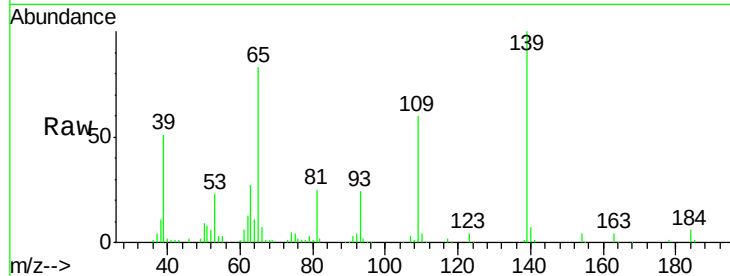
#55
4-Nitrophenol
Concen: 43.55 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	128750		
109	60.3	48.4	88.4	
65	83.2	72.6	112.6	

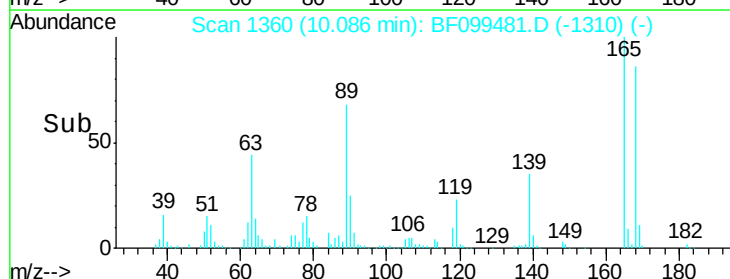
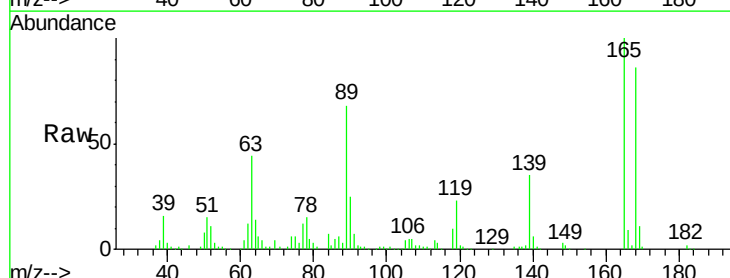
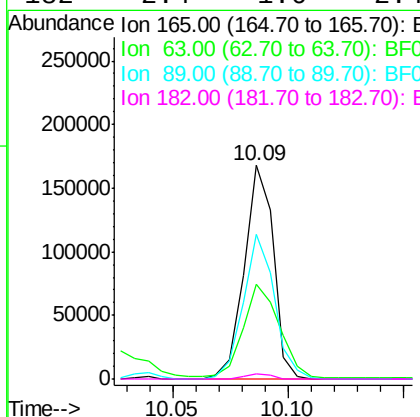
Manual Integrations
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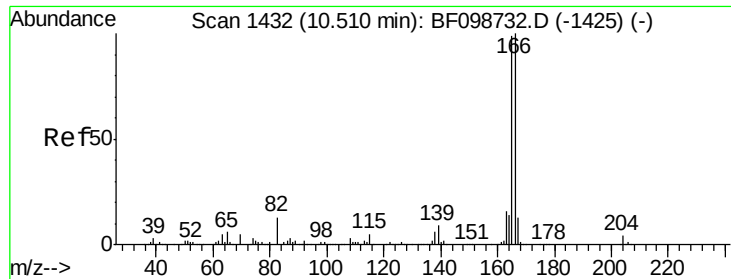
Sohil
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#56
2,4-Dinitrotoluene
Concen: 38.21 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148682		
63	44.5	36.4	54.6	
89	67.6	57.8	86.6	
182	2.4	1.6	2.4#	





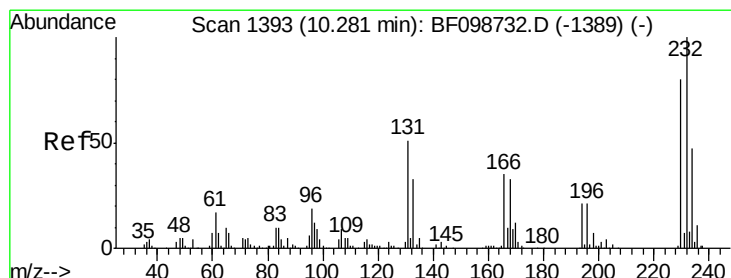
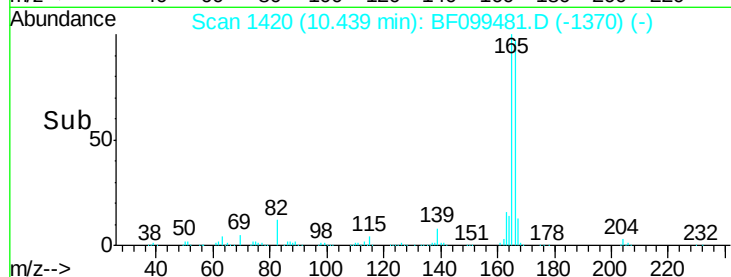
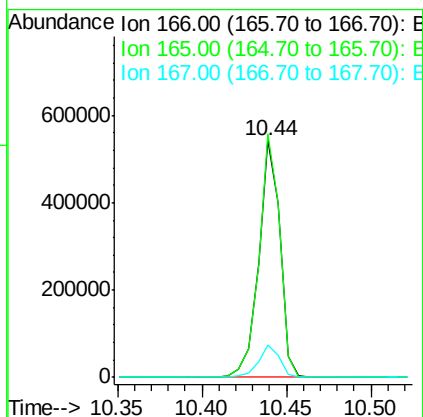
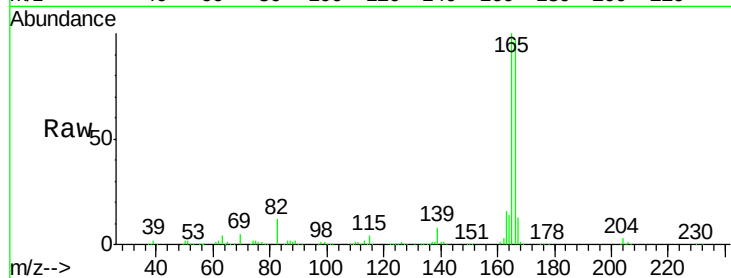
#57
 Fluorene
 Concen: 38.94 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	475780		
165	102.8	79.8	119.8	
167	13.8	10.6	16.0	

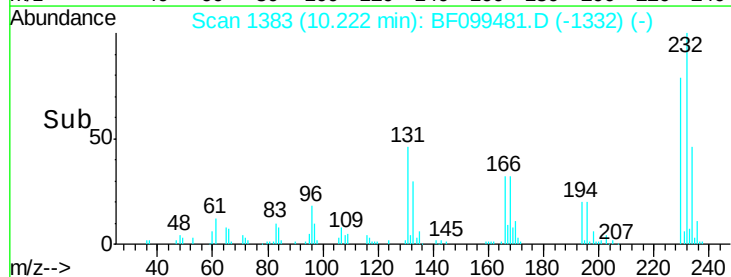
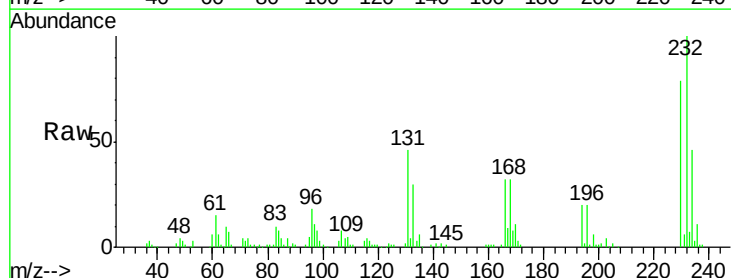
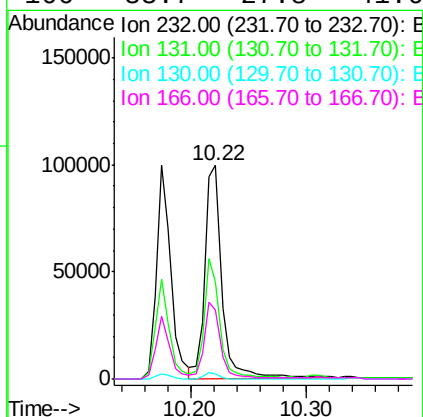
Manual Integrations
 APPROVED

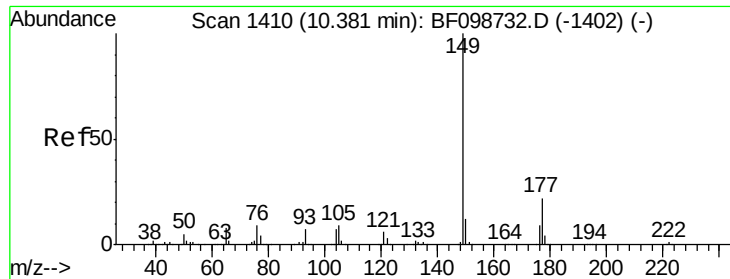
Sohil
 10/15/2017 12:41:22 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.54 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	102448		
131	53.0	43.8	65.8	
130	2.4	2.1	3.1	
166	33.7	27.8	41.6	





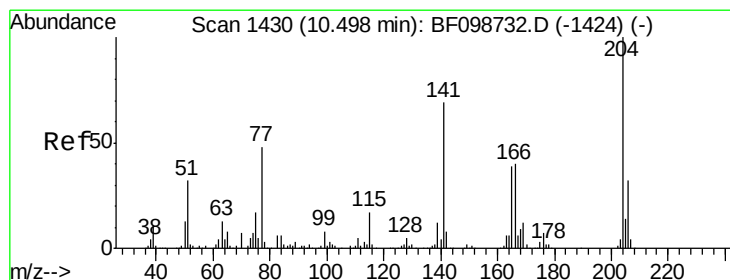
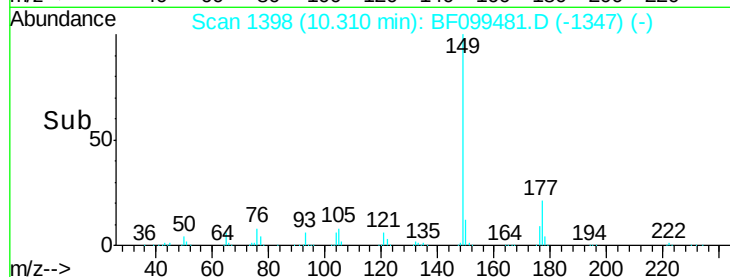
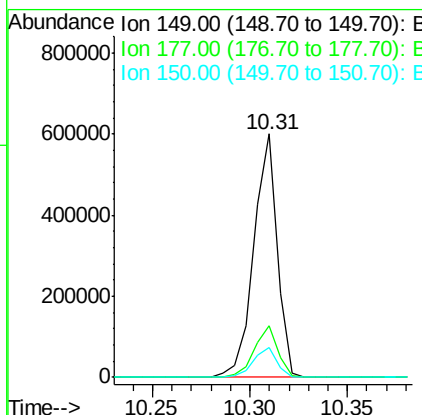
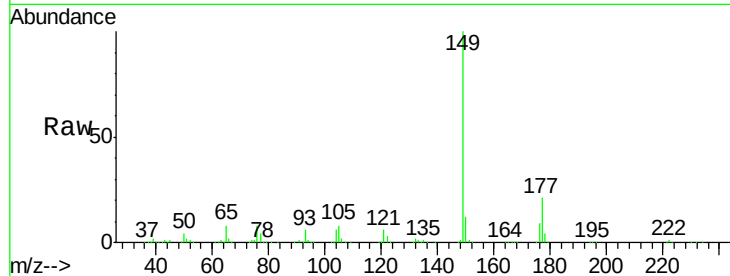
#59
Diethylphthalate
Concen: 37.12 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.3	16.1	24.1
150	12.2	10.1	15.1

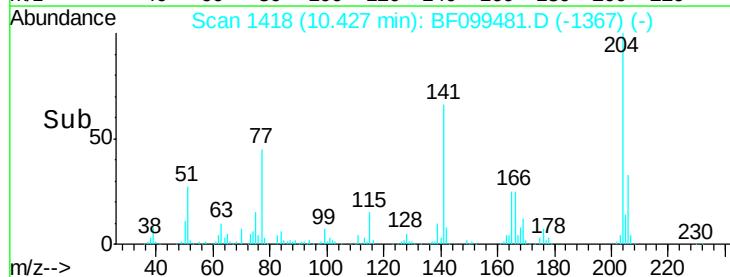
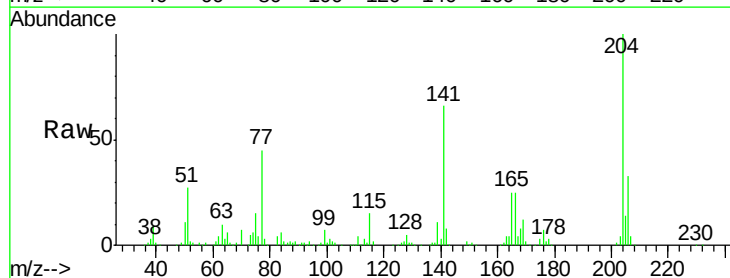
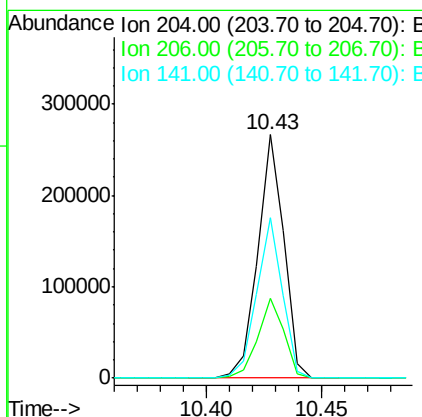
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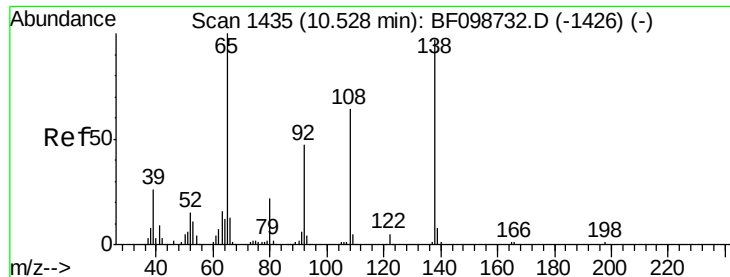
Sohil
10/15/2017 12:41:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.50 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.5	26.5	39.7
141	65.7	54.6	81.8





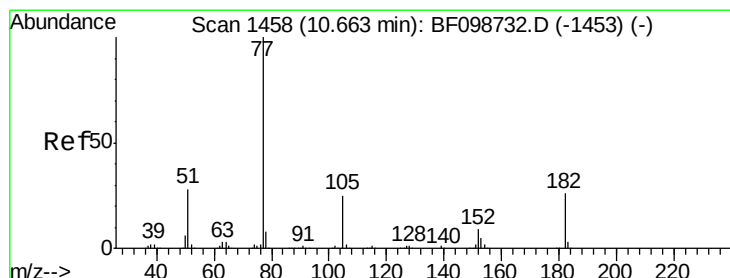
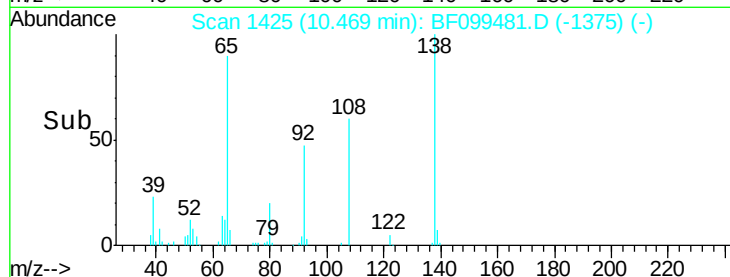
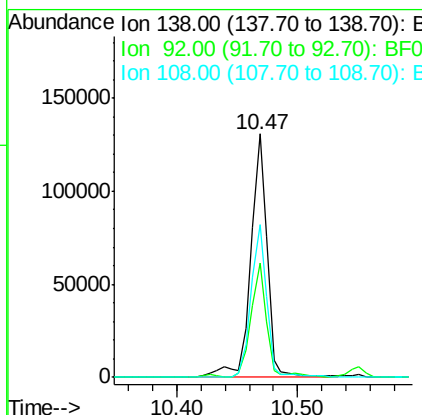
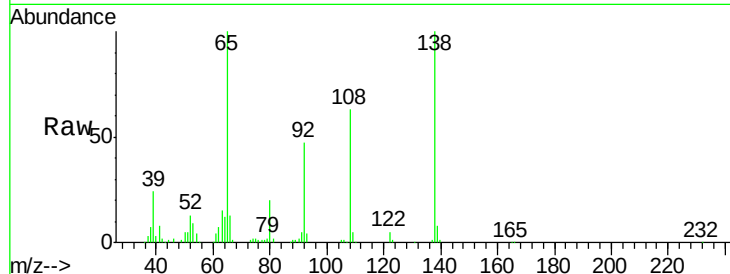
#61
4-Nitroaniline
Concen: 37.27 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	125708		
92	46.9	30.2	70.2	
108	62.8	52.5	92.5	

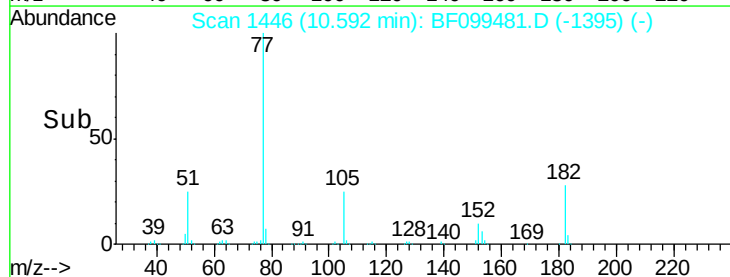
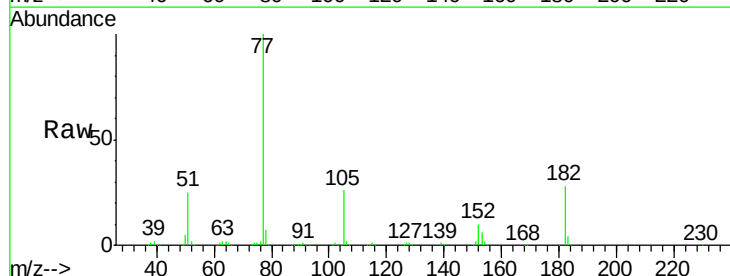
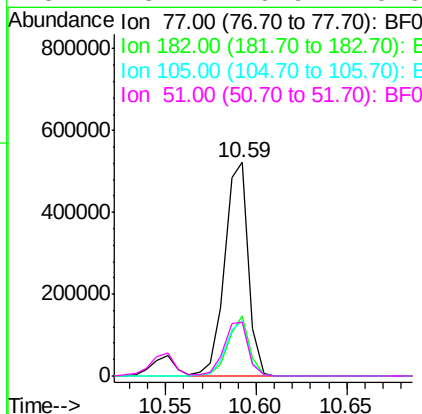
Manual Integrations
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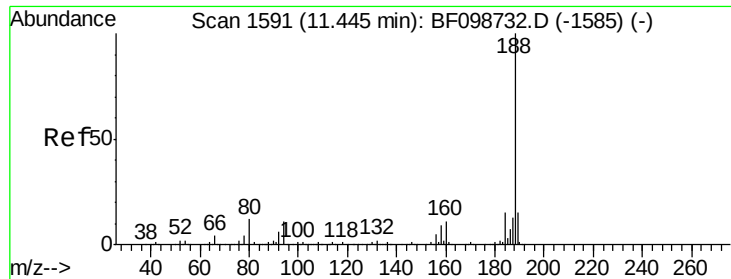
Sohil
10/15/2017 12:41:22 PM



#62
Azobenzene
Concen: 38.22 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	472952		
182	28.1	1.7	41.7	
105	25.6	3.0	43.0	
51	25.2	9.9	49.9	





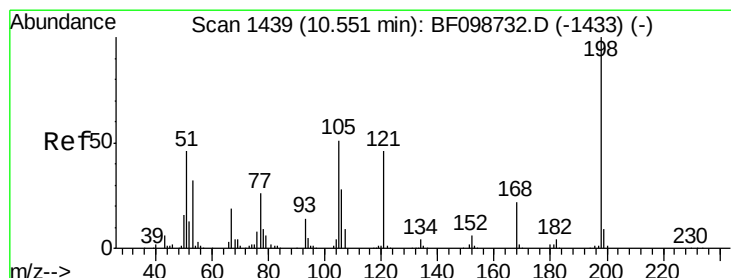
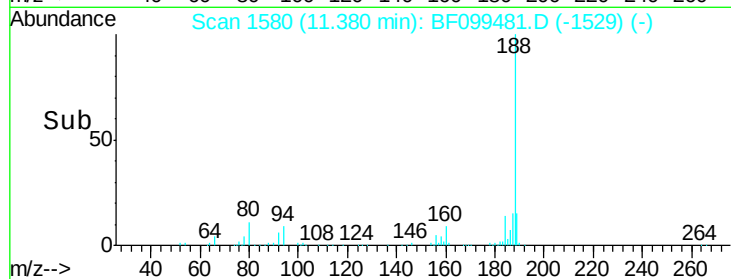
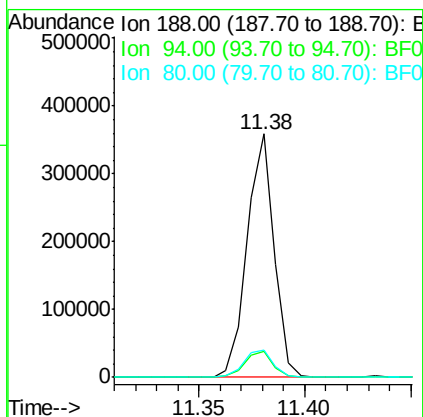
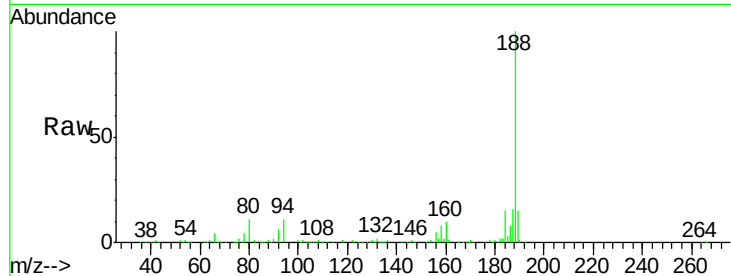
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	317750		
94	10.6	8.5	12.7	
80	11.4	9.2	13.8	

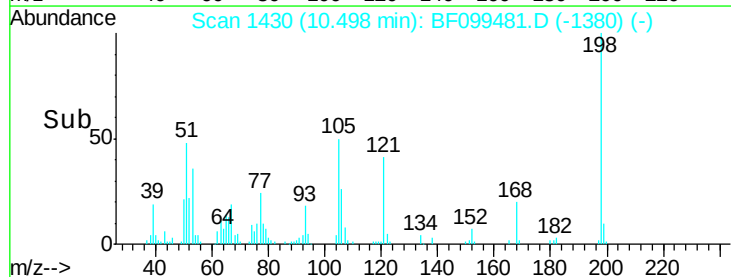
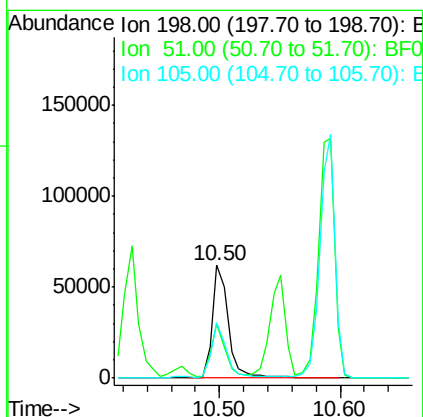
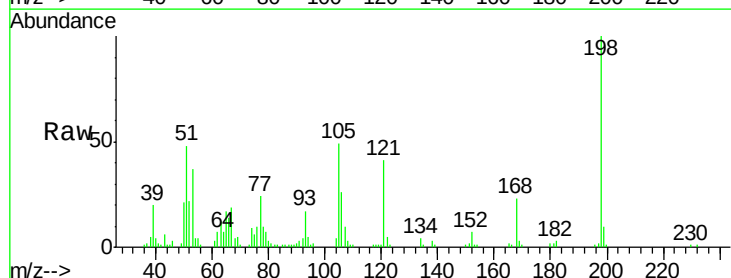
Manual Integrations
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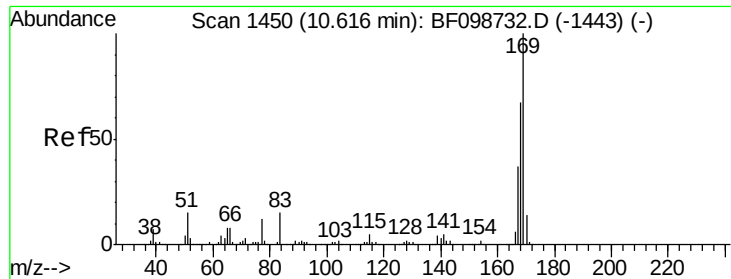
Sohil
10/15/2017 12:41:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 29.31 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56660		
51	47.9	37.7	77.7	
105	49.3	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 38.21 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

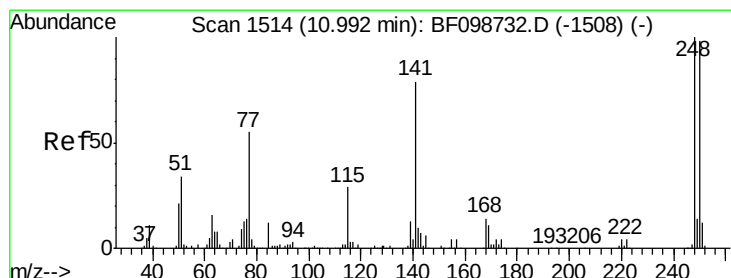
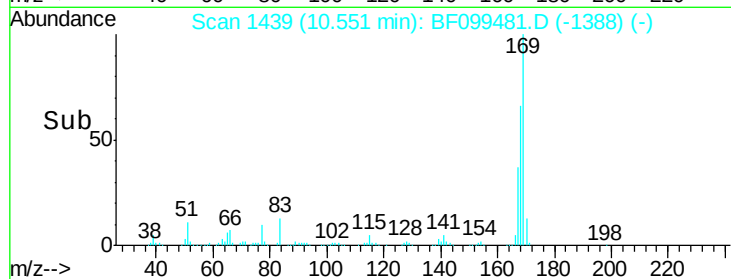
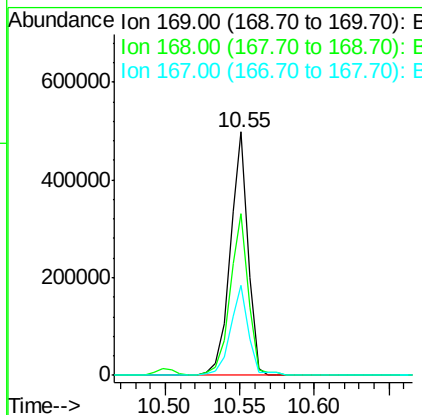
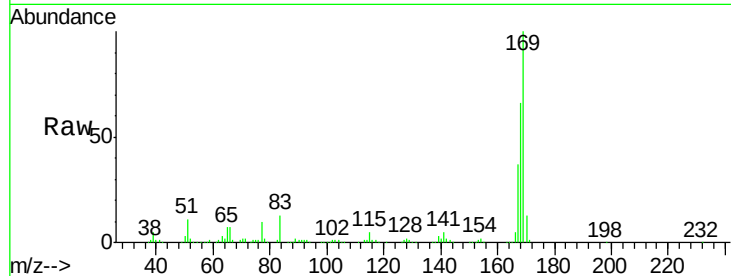
ClientSampleId :

PB103259BS

Tgt Ion:	169	Resp:	420649
Ion Ratio	Lower	Upper	
169	100		
168	66.4	54.4	81.6
167	36.8	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 39.77 ng

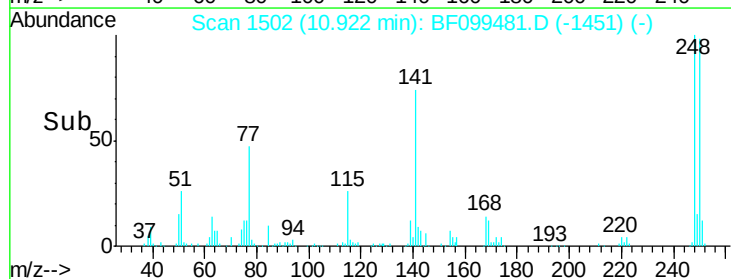
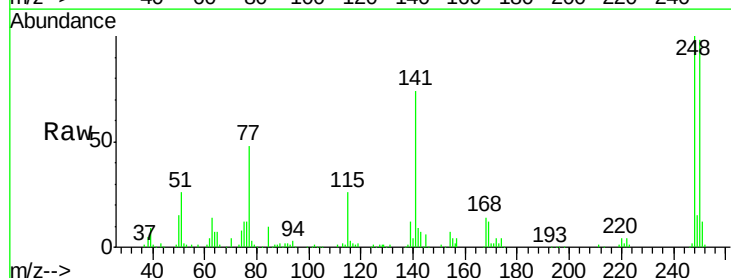
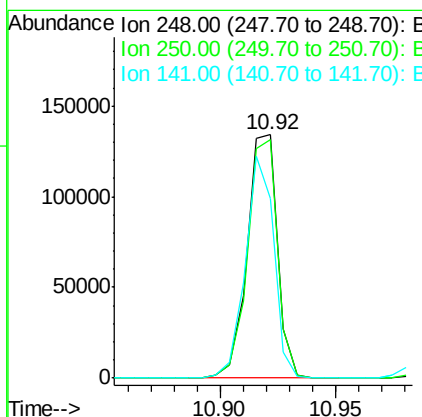
RT: 10.92 min Scan# 1502

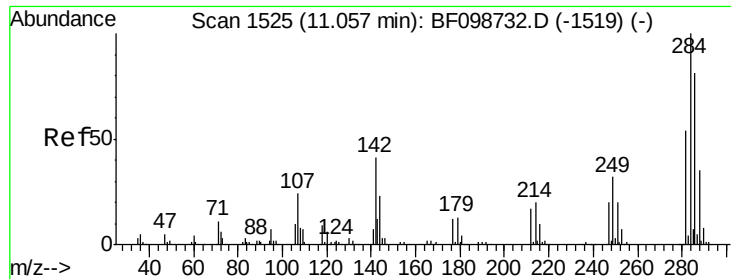
Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	248	Resp:	123683
Ion Ratio	Lower	Upper	
248	100		
250	98.1	76.9	115.3
141	73.8	74.4	111.6#





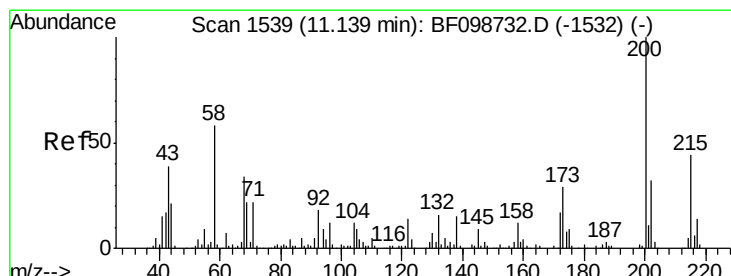
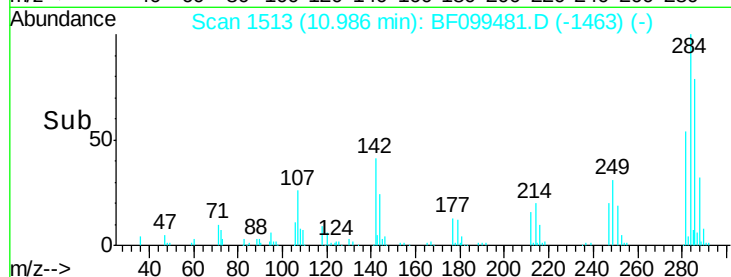
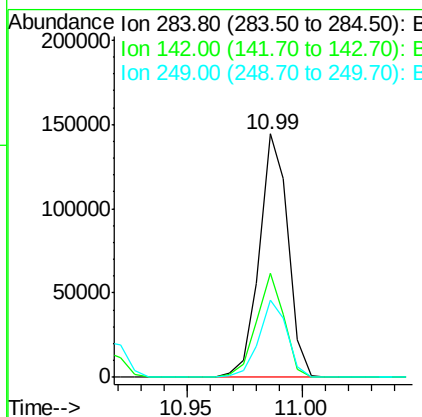
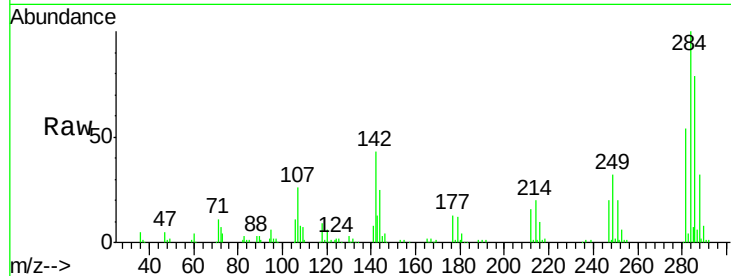
#67
Hexachlorobenzene
Concen: 37.67 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	125134		
142	42.8	34.6	52.0	
249	31.8	24.8	37.2	

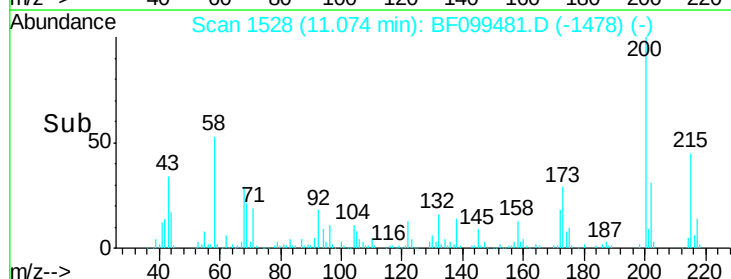
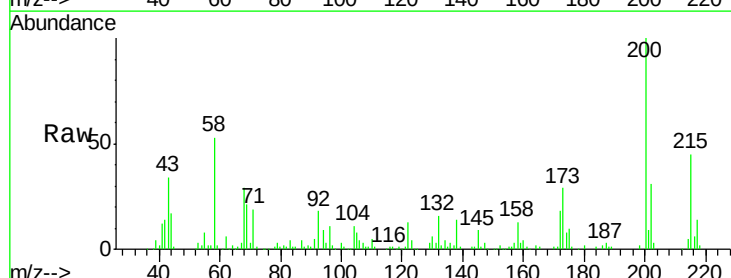
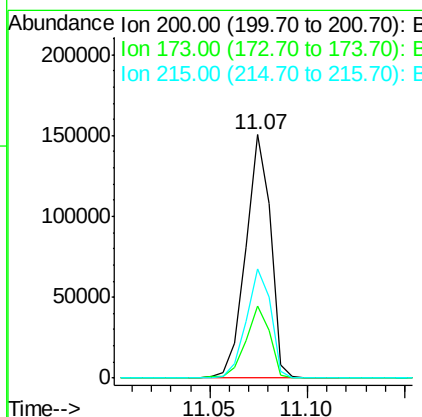
Manual Integrations
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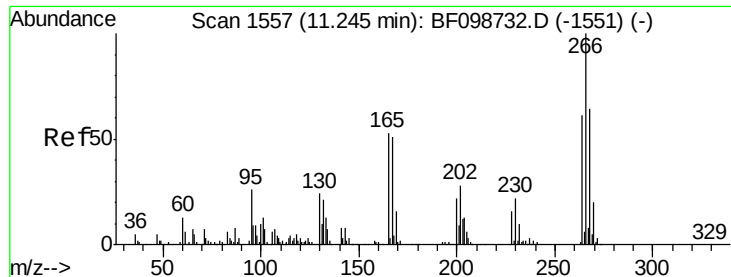
Sohil
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#68
Atrazine
Concen: 39.94 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	132293		
173	29.4	8.6	48.6	
215	44.7	25.1	65.1	





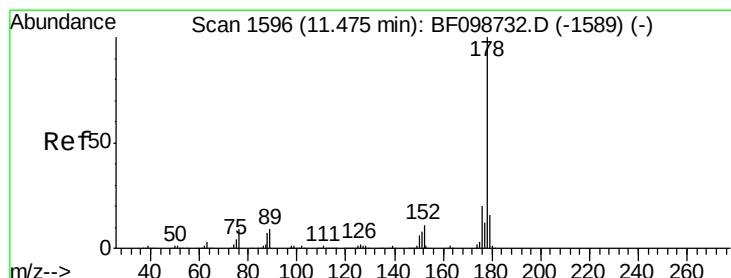
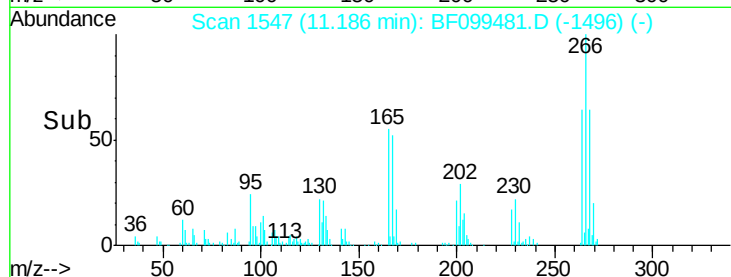
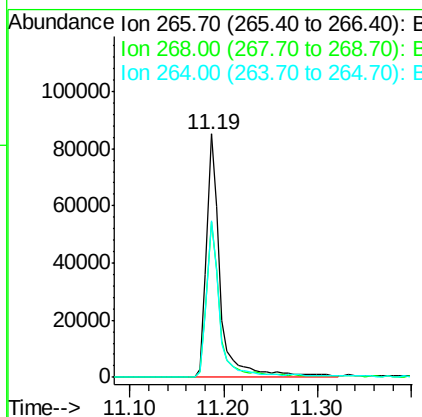
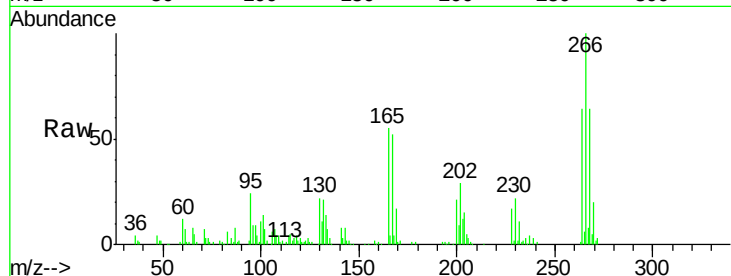
#69
 Pentachlorophenol
 Concen: 43.00 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	64.2	49.5	74.3

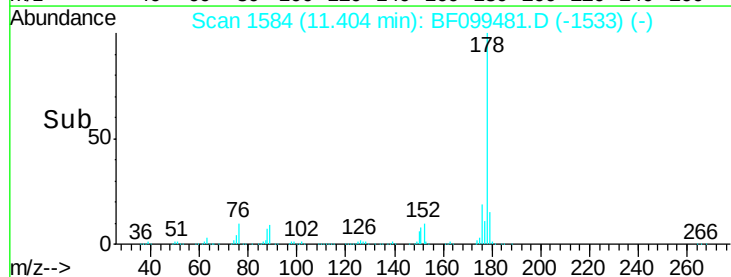
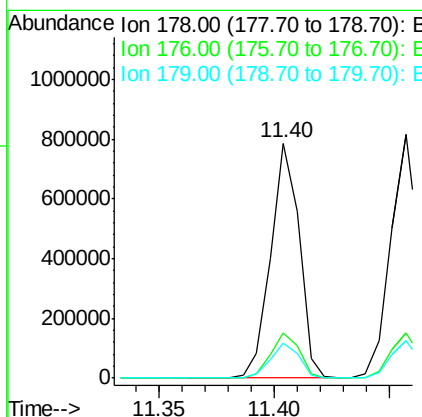
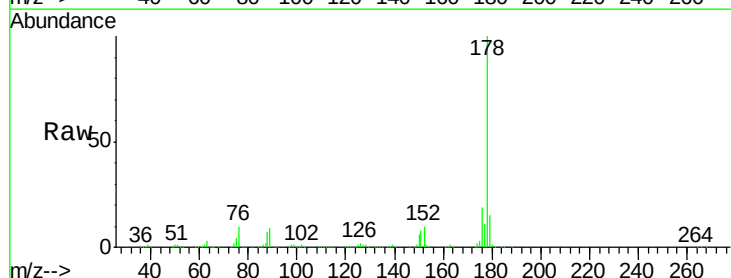
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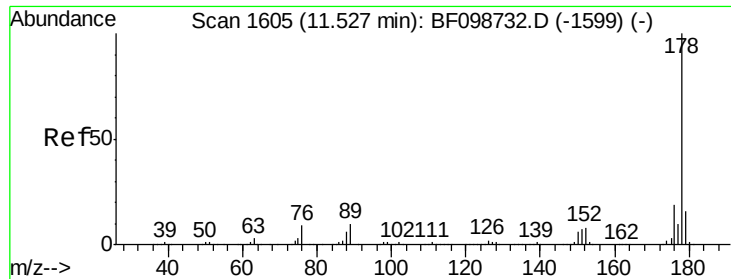
Sohil
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#70
 Phenanthrene
 Concen: 39.75 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6





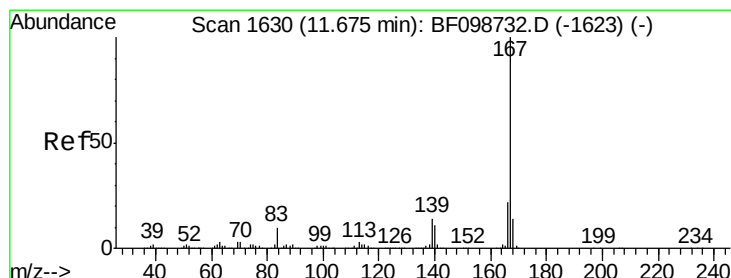
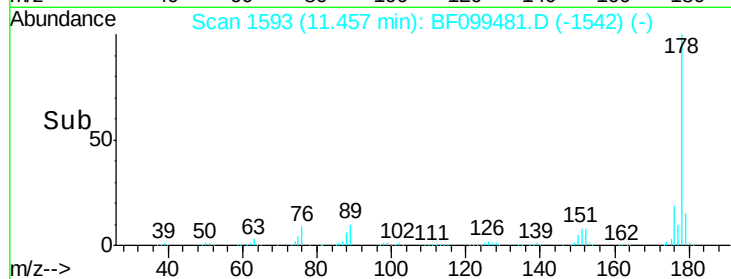
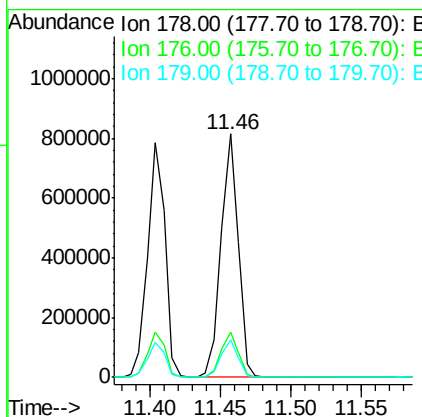
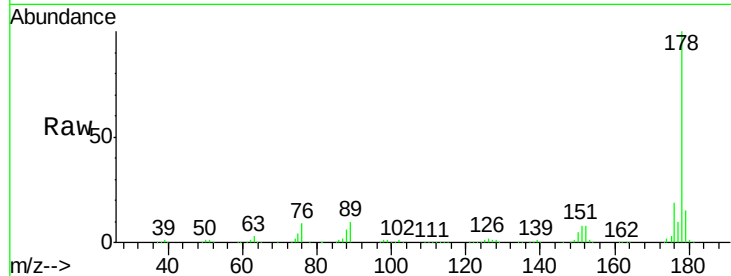
#71
 Anthracene
 Concen: 39.84 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	693394		
176	18.8	15.4	23.2	
179	15.3	12.6	19.0	

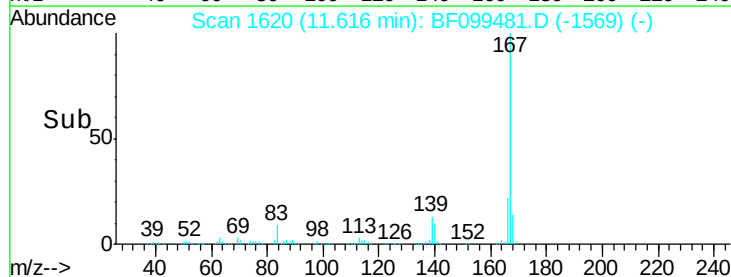
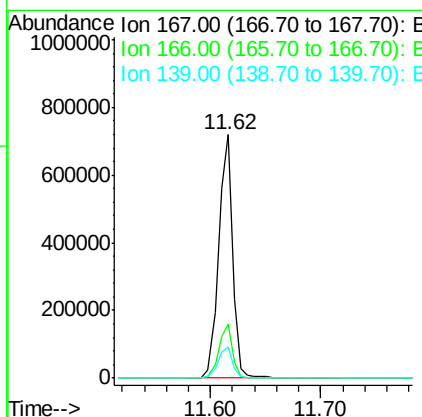
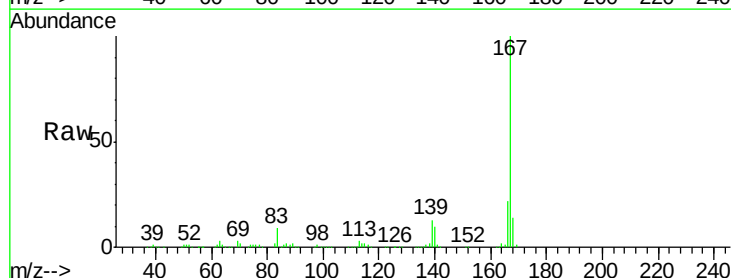
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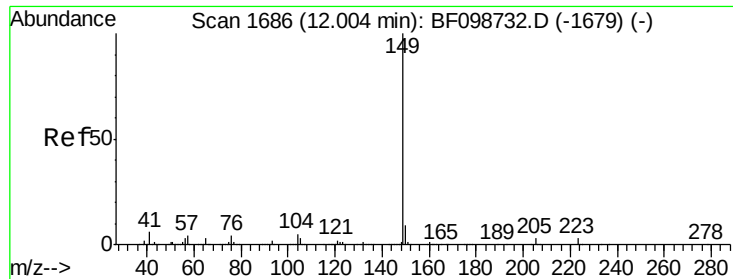
Sohil
 10/15/2017 12:41:22 PM



#72
 Carbazole
 Concen: 37.26 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	634942		
166	22.0	17.6	26.4	
139	12.6	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 37.92 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

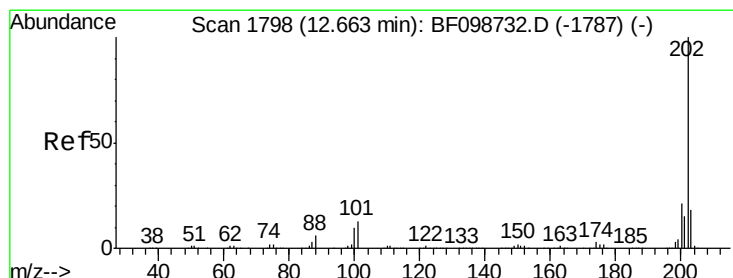
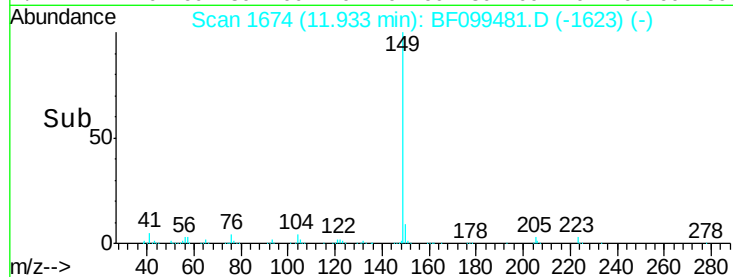
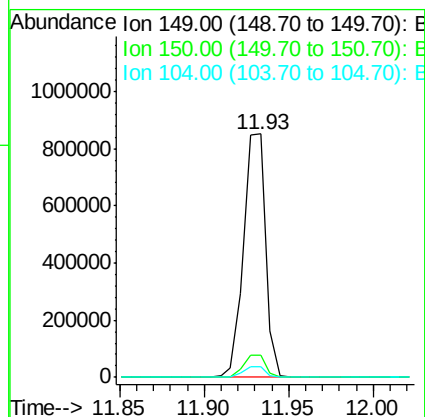
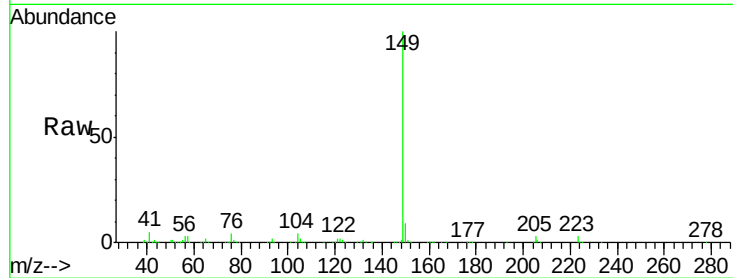
ClientSampleId :

PB103259BS

Tgt Ion:	149	Resp:	777896
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.1	3.8	5.8

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Sohil
10/15/2017 12:41:22 PM



#74

Fluoranthene

Concen: 38.78 ng

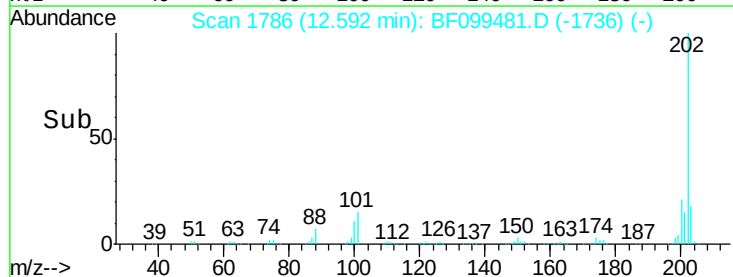
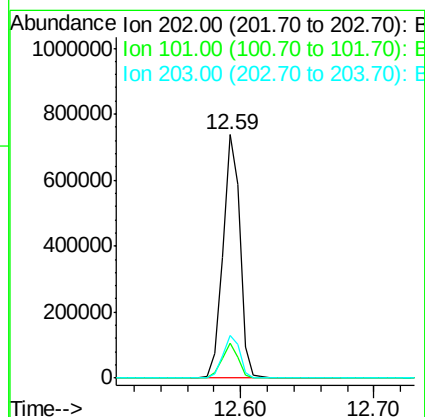
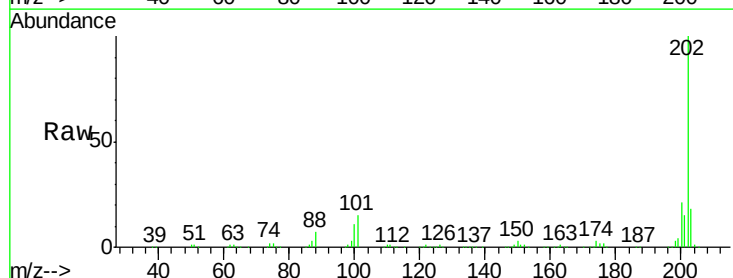
RT: 12.59 min Scan# 1786

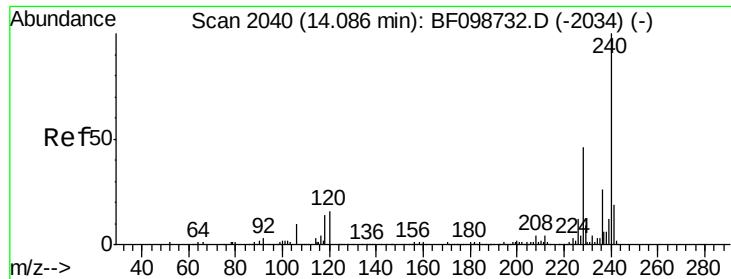
Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	202	Resp:	667899
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

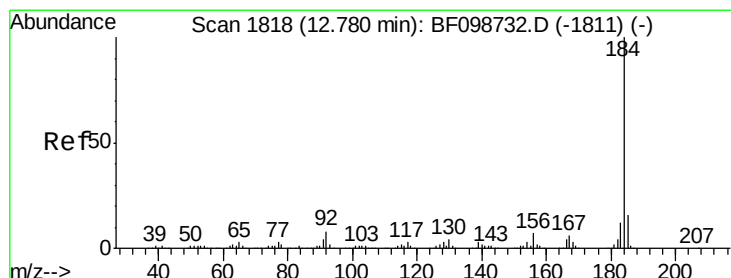
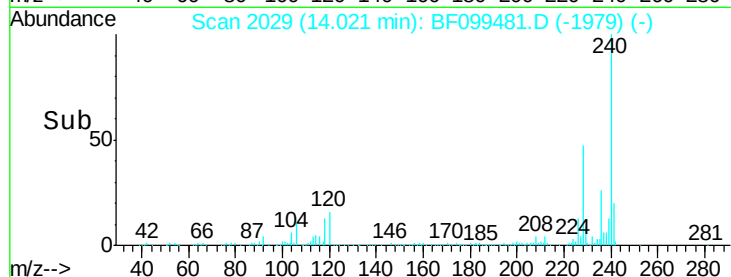
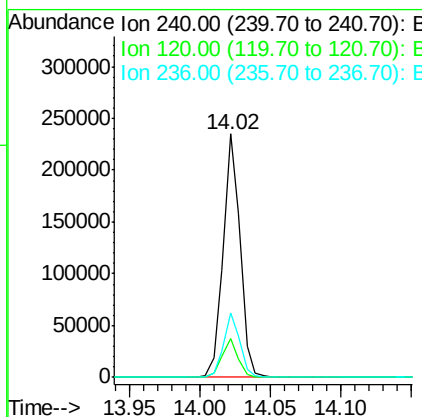
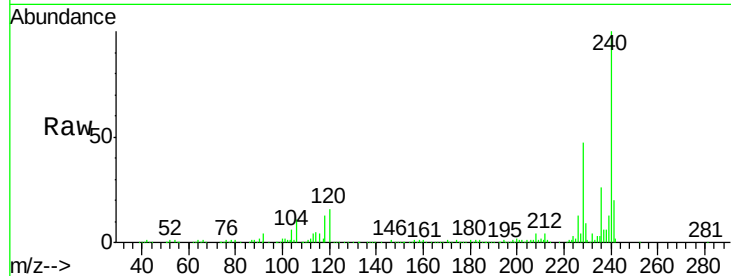
ClientSampleId :

PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	196839		
120	16.1	9.5	14.3#	
236	26.3	20.7	31.1	

Manual Integrations
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#76

Benzidine

Concen: 31.71 ng

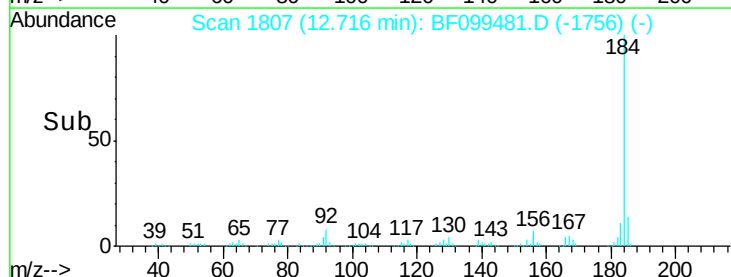
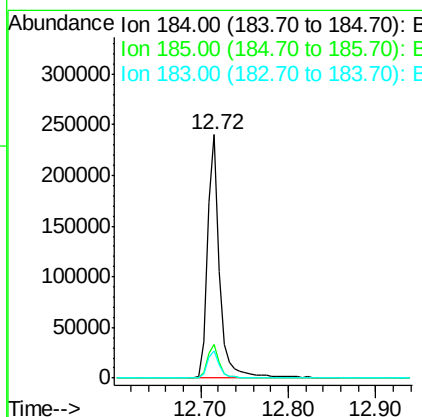
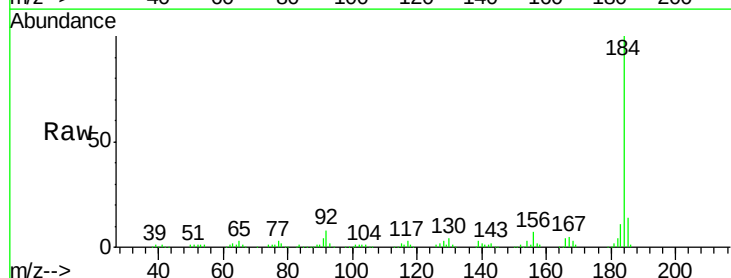
RT: 12.72 min Scan# 1807

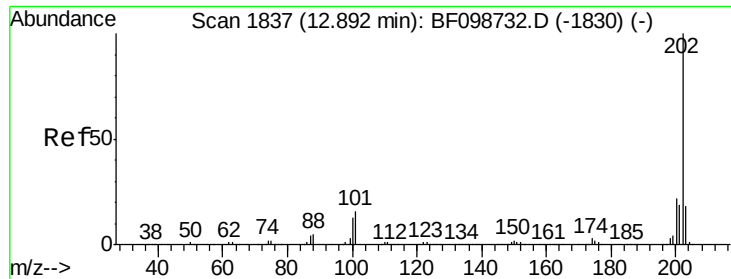
Delta R.T. 0.00 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	230860		
185	14.0	12.6	18.8	
183	11.4	9.3	13.9	





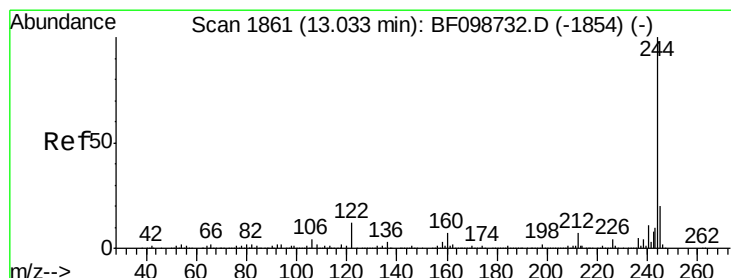
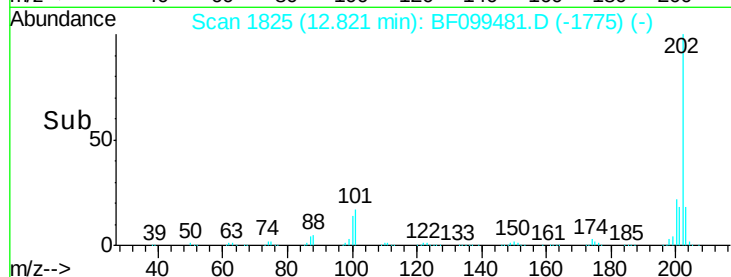
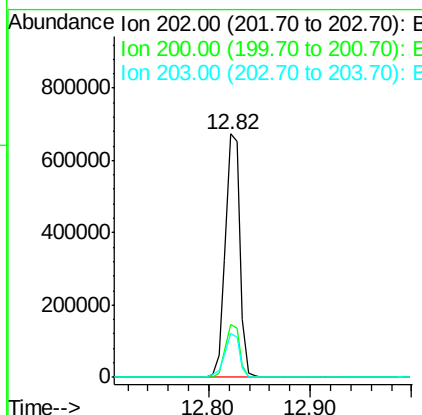
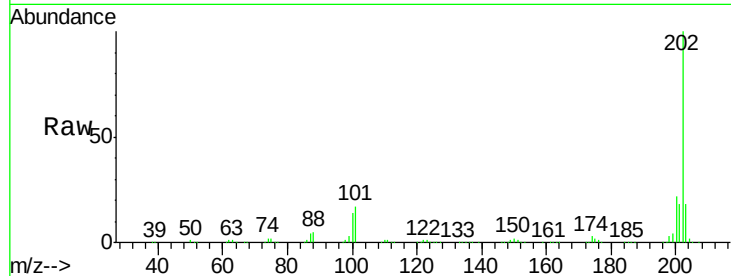
#77
 Pyrene
 Concen: 44.92 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	674171		
200	21.7	17.4	26.2	
203	18.0	14.3	21.5	

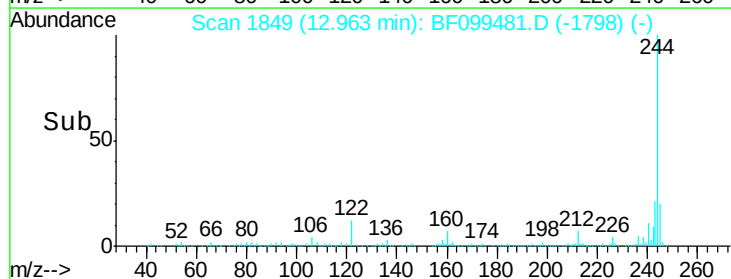
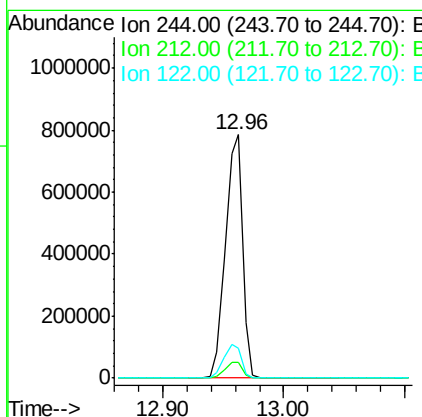
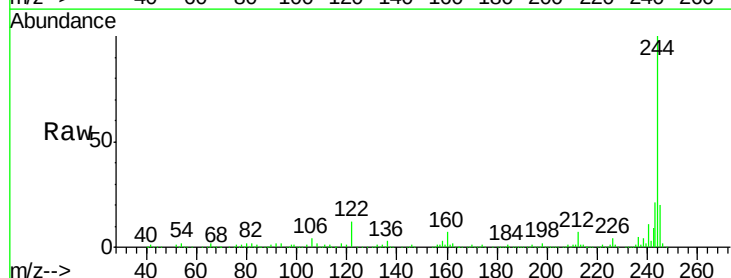
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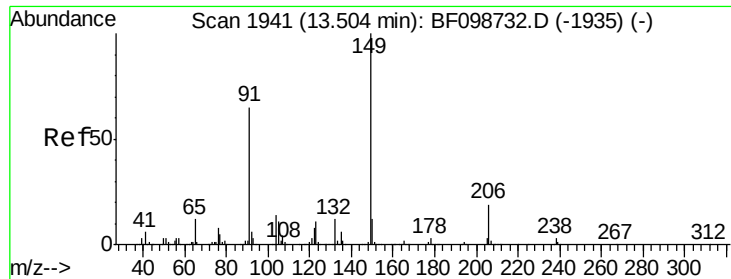
Sohil
 10/15/2017 12:41:22 PM



#78
 Terphenyl-d14
 Concen: 89.15 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	771662		
212	6.7	5.4	8.0	
122	12.5	11.0	16.4	





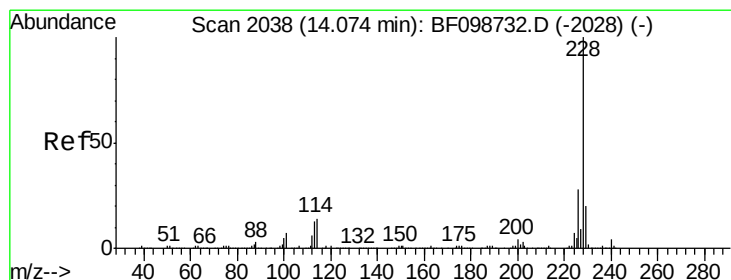
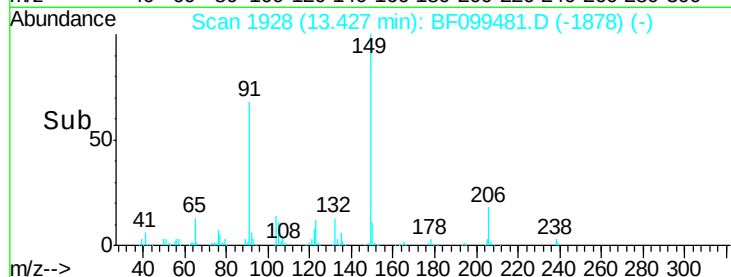
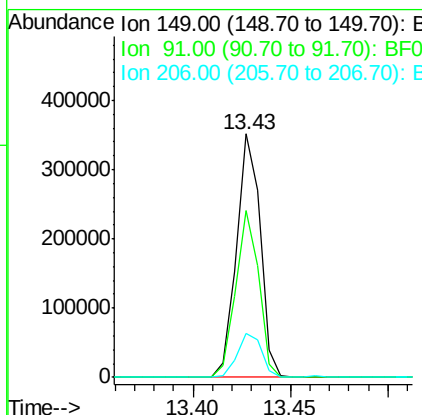
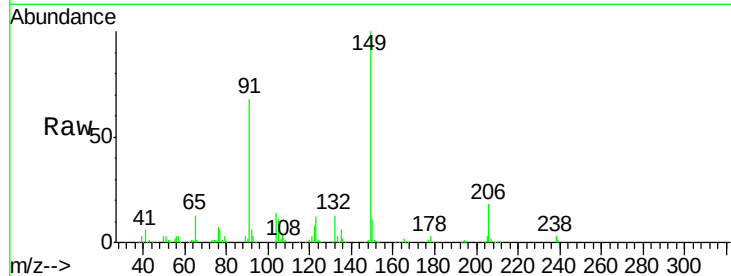
#79
Butylbenzylphthalate
Concen: 42.18 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	297548		
91	68.3	56.8	85.2	
206	17.9	14.1	21.1	

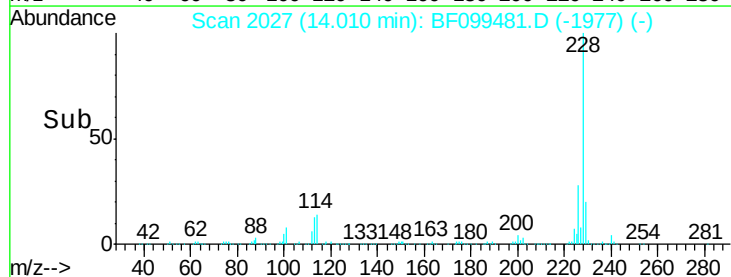
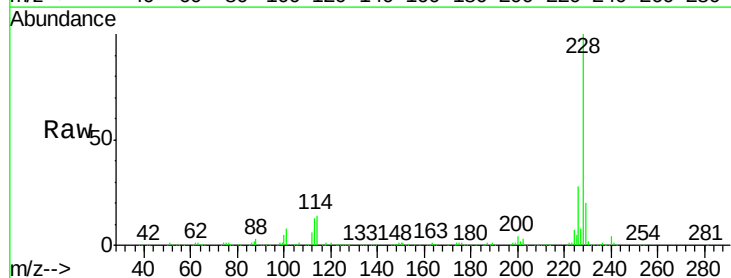
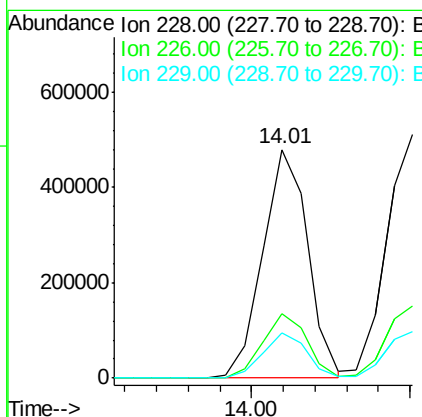
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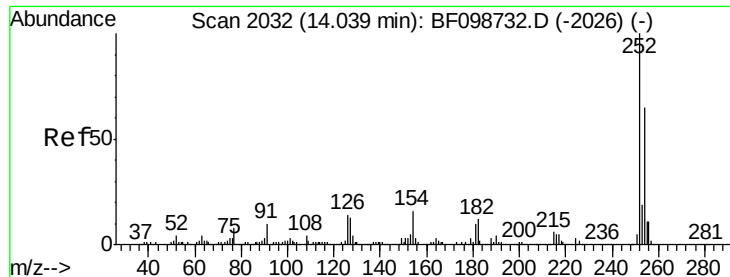
Sohil
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#80
Benzo(a)anthracene
Concen: 39.68 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	472974		
226	28.1	22.6	33.8	
229	20.1	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 22.26 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

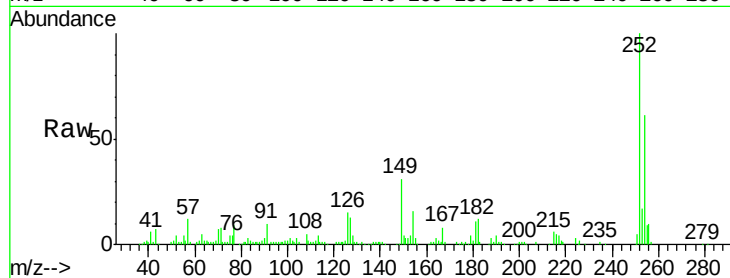
ClientSampleId :

PB103259BS

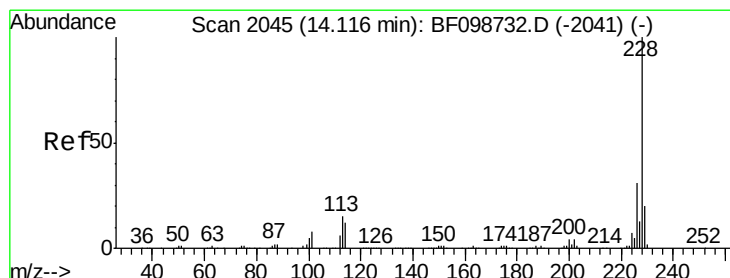
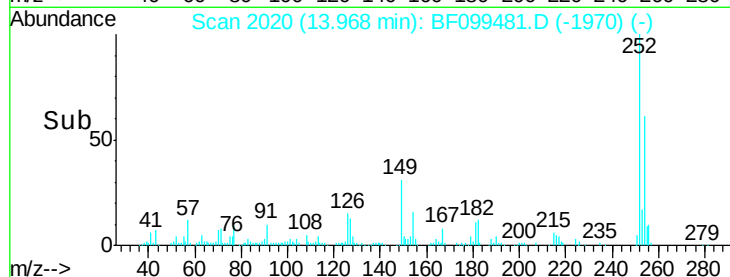
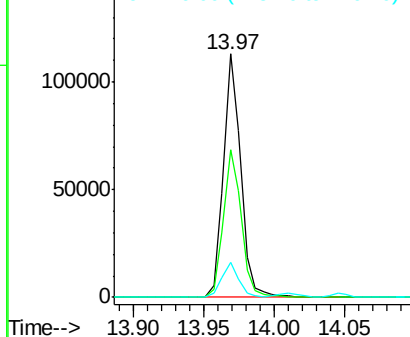
Tgt Ion:	252	Resp:	97242
Ion Ratio	Lower	Upper	
252	100		
254	60.8	50.4	75.6
126	14.5	11.3	16.9

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



#82

Chrysene

Concen: 39.88 ng

RT: 14.05 min Scan# 2034

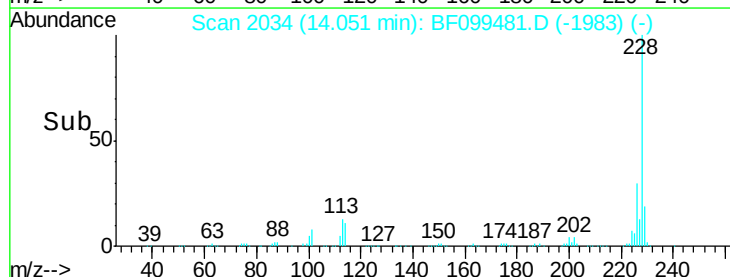
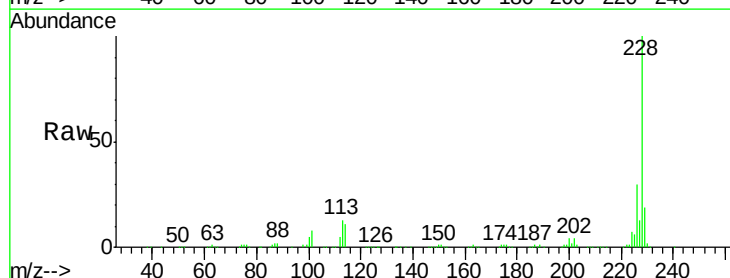
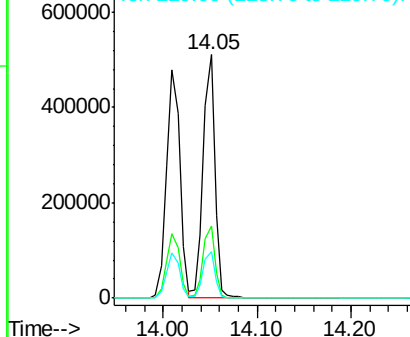
Delta R.T. 0.00 min

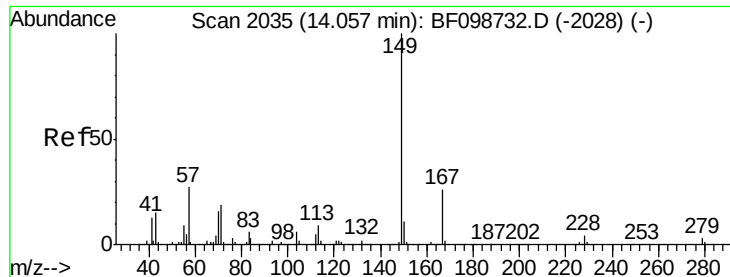
Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	228	Resp:	452588
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	19.3	16.2	24.4

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





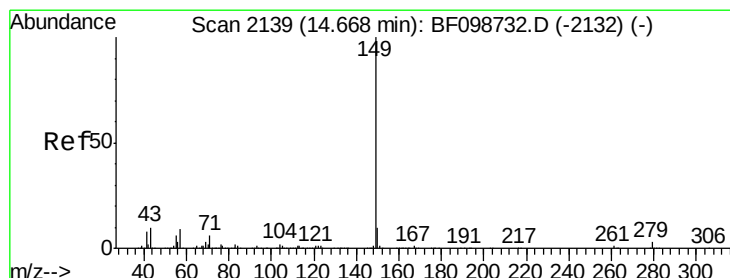
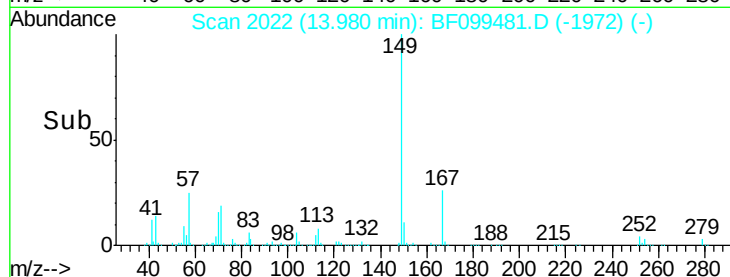
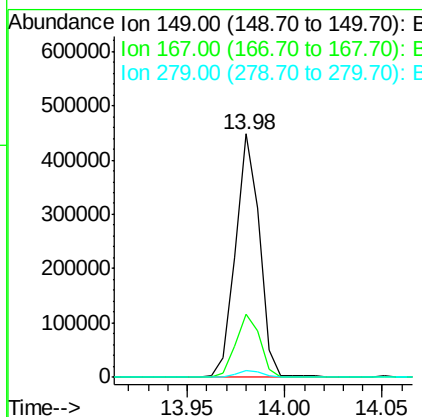
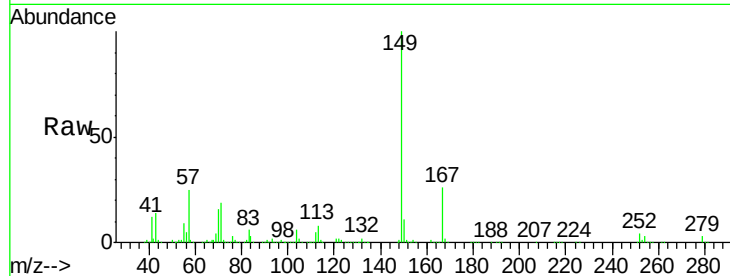
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.17 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.9	21.3	31.9
279	2.7	3.0	4.4#

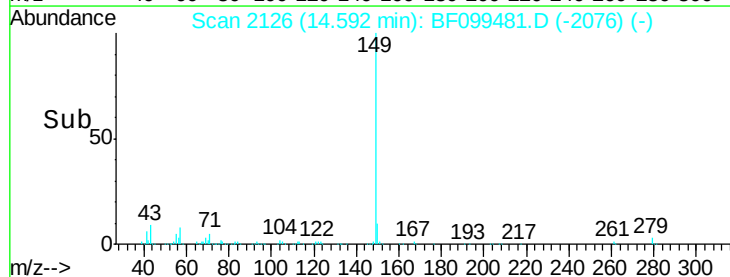
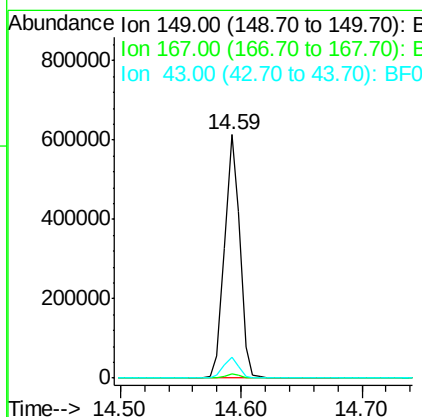
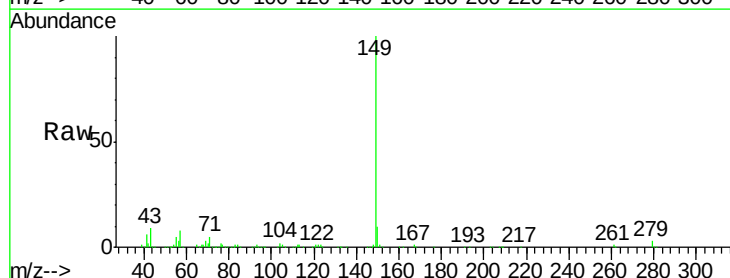
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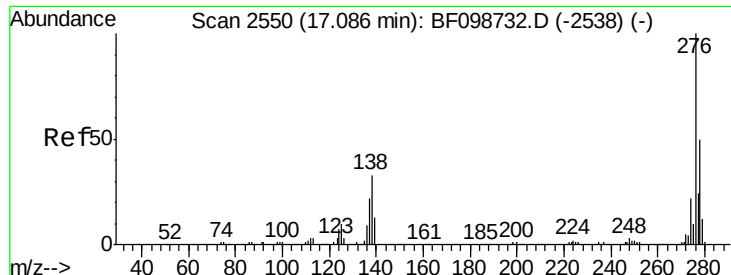
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#84
 Di-n-octyl phthalate
 Concen: 34.28 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	8.5	8.4	12.6





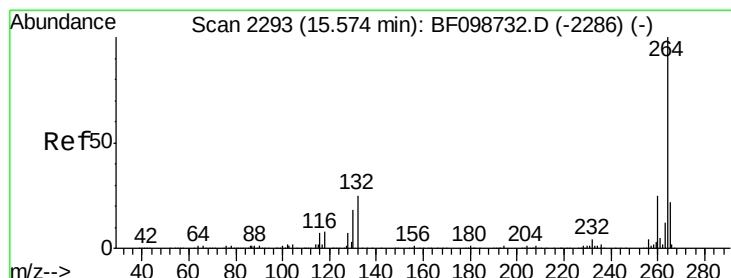
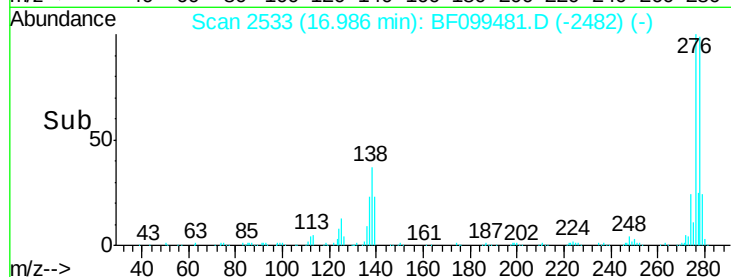
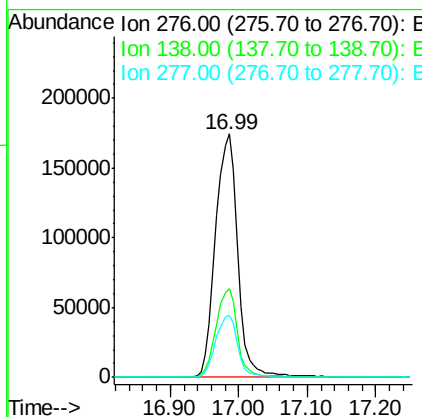
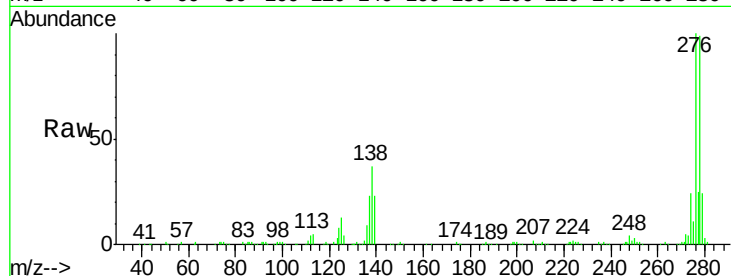
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.57 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	35.1	25.0	37.6
277	25.2	20.1	30.1

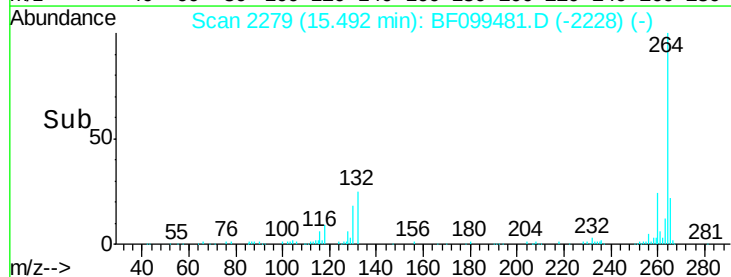
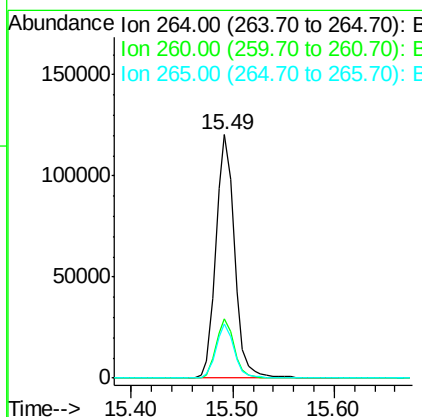
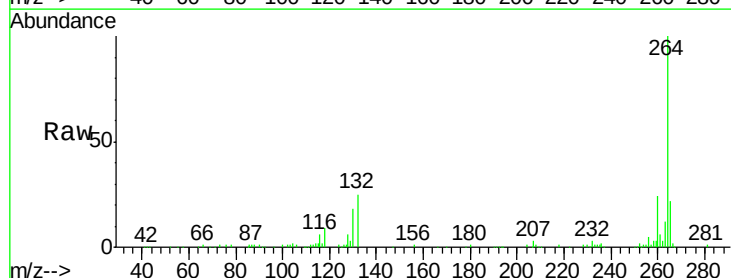
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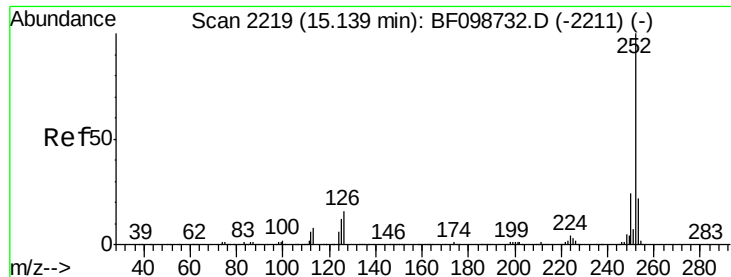
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.10 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Instrument :

BNA_F

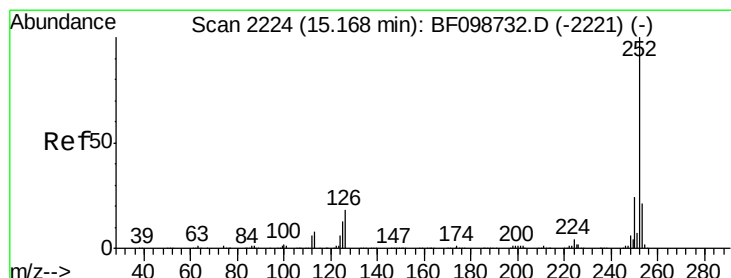
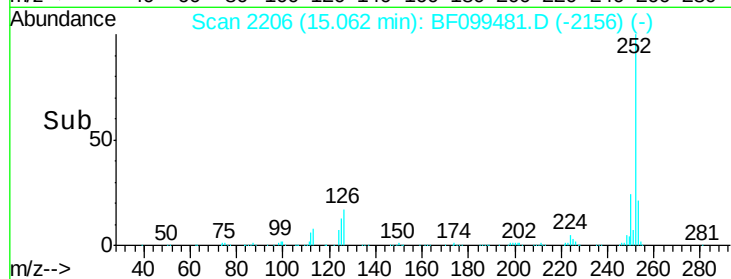
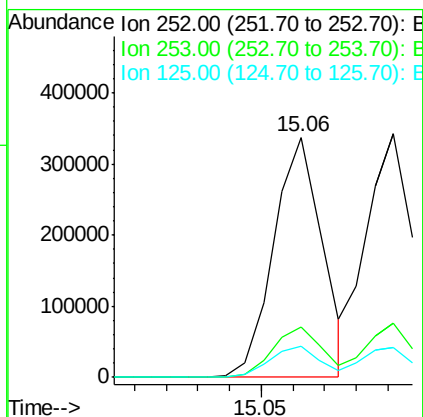
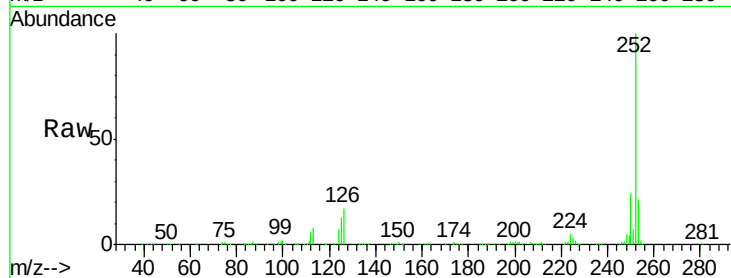
ClientSampleId :

PB103259BS

Tgt Ion:	252	Resp:	360564
Ion Ratio		Lower	Upper
252	100		
253	21.0	17.0	25.6
125	12.9	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 39.25 ng

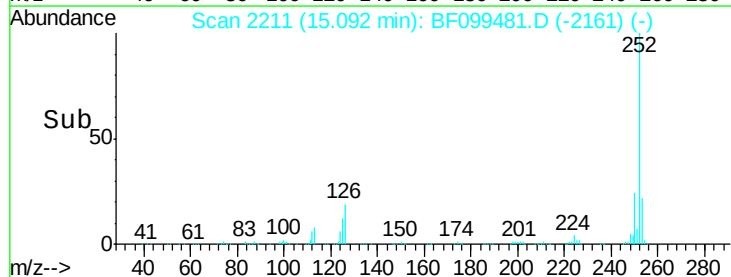
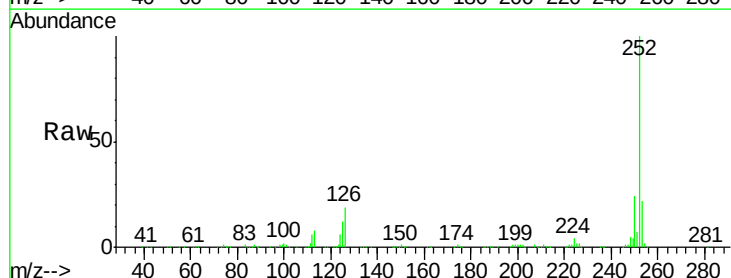
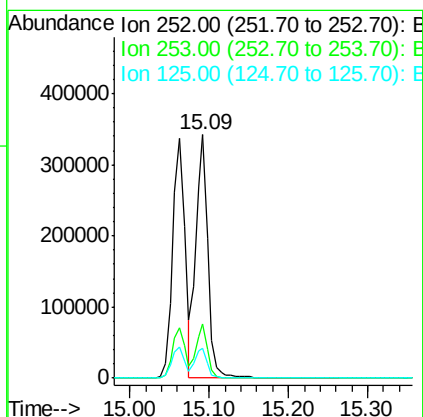
RT: 15.09 min Scan# 2211

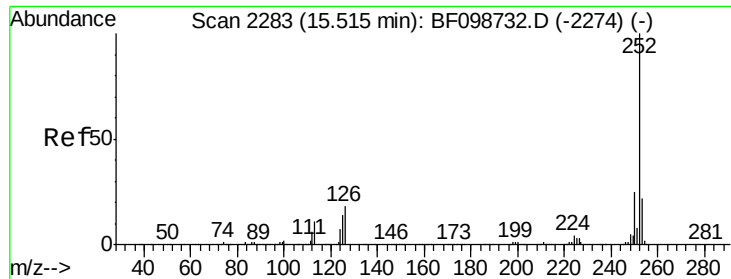
Delta R.T. -0.01 min

Lab File: BF099481.D

Acq: 14 Oct 2017 17:15

Tgt Ion:	252	Resp:	366847
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.5	10.2	15.2





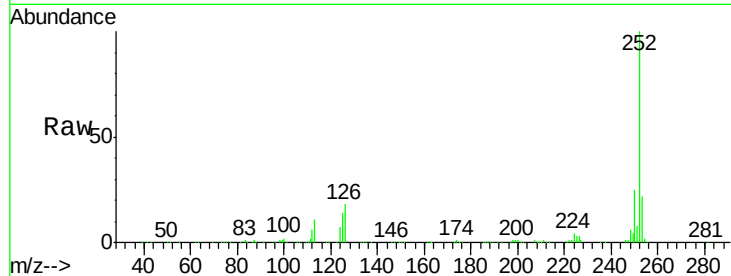
#89
Benzo(a)pyrene
Concen: 39.88 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :
PB103259BS

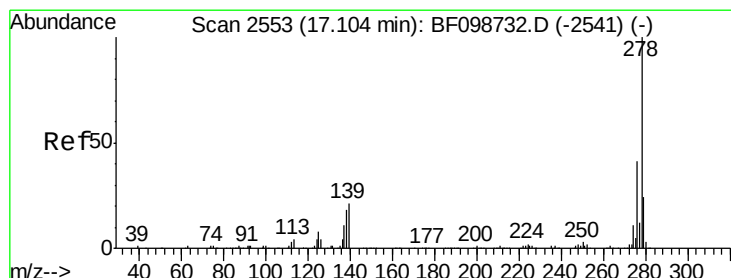
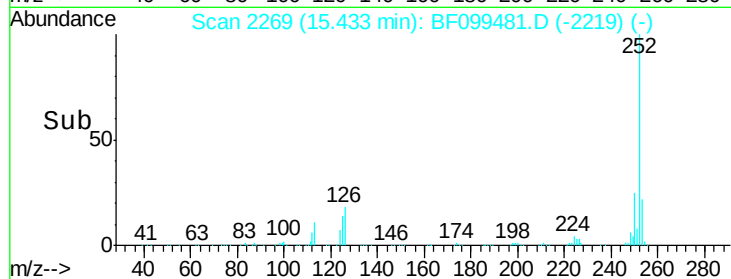
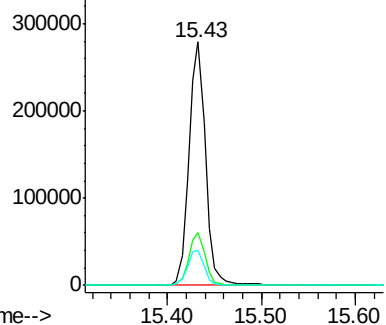
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	14.5	9.8	14.6

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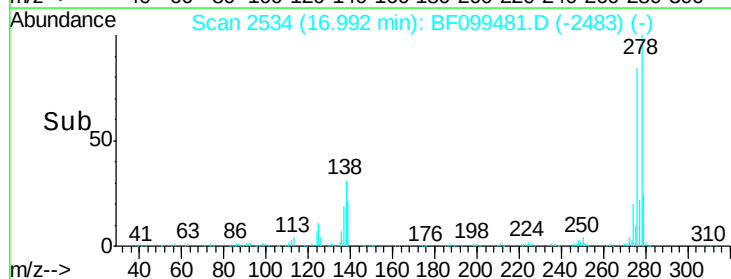
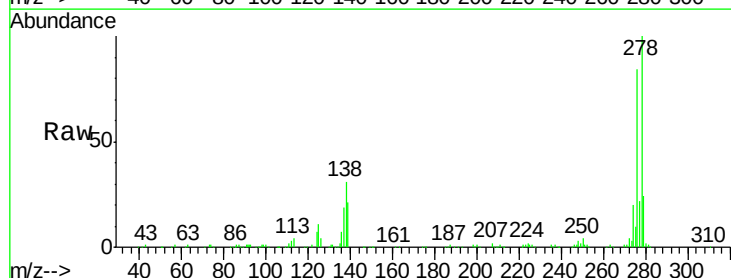
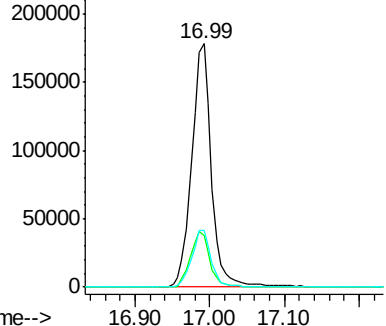
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

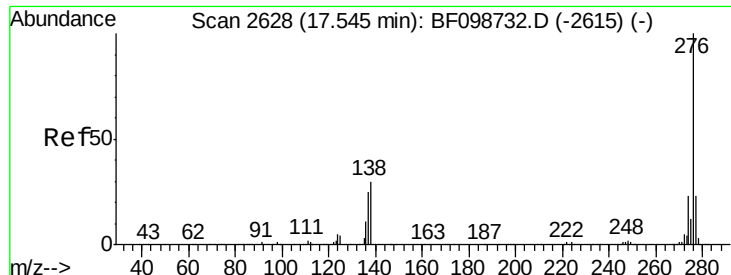


#90
Dibenzo(a,h)anthracene
Concen: 47.28 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF099481.D
Acq: 14 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.5	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 50.36 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BF099481.D
 Acq: 14 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103259BS

Tgt Ion:	276	Resp:	346079
Ion Ratio		Lower	Upper
276	100		
277	22.0	17.9	26.9
138	29.3	21.8	32.8

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