

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101977.D
 Acq On : 10 Jan 2018 13:35
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

Sohil
 1/11/2018 10:52:36 AM

Quant Time: Jan 11 02:42:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218882	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	913260	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	405270	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	707569	20.00	ng	0.00
75) Chrysene-d12	13.89	240	526446	20.00	ng	0.00
86) Perylene-d12	15.30	264	482873	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1131895	73.02	ng	0.02
7) Phenol-d6	6.37	99	1377924	74.51	ng	0.02
23) Nitrobenzene-d5	7.30	82	1247691	80.28	ng	0.01
41) 2,4,6-Tribromophenol	10.56	330	286636	81.05	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1993378	76.84	ng	0.00
78) Terphenyl-d14	12.84	244	1667438	65.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	288110	37.245	ng	95
3) Pyridine	3.12	79	787537	37.280	ng	93
4) n-Nitrosodimethylamine	3.08	42	327499	37.021	ng	94
6) Aniline	6.40	93	946511	36.316	ng	99
8) 2-Chlorophenol	6.52	128	580232	37.323	ng	98
9) Benzaldehyde	6.28	77	480203	37.396	ng	99
10) Phenol	6.39	94	764064	36.558	ng	78
11) bis(2-Chloroethyl)ether	6.47	93	597351	37.551	ng	94
12) 1,3-Dichlorobenzene	6.67	146	671133	37.450	ng	98
13) 1,4-Dichlorobenzene	6.75	146	674315	37.708	ng	99
14) 1,2-Dichlorobenzene	6.90	146	619764	37.444	ng	98
15) Benzyl Alcohol	6.88	79	495301	36.613	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1070345	36.500	ng	99
17) 2-Methylphenol	6.99	107	524125	37.373	ng	100
18) Hexachloroethane	7.25	117	247412	39.289	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	429225	35.416	ng	96
20) 3+4-Methylphenols	7.15	107	600143	35.641	ng	# 70
22) Acetophenone	7.15	105	794703	36.116	ng	# 91
24) Nitrobenzene	7.32	77	654224	39.176	ng	97
25) Isophorone	7.56	82	1150902	37.479	ng	100
26) 2-Nitrophenol	7.63	139	325969	46.636	ng	94
27) 2,4-Dimethylphenol	7.67	122	494972	37.918	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	702957	37.913	ng	99
29) 2,4-Dichlorophenol	7.87	162	477789	38.547	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	498410	38.443	ng	97
31) Naphthalene	8.04	128	1710063	37.473	ng	100
32) Benzoic acid	7.81	122	388850	39.283	ng	96
33) 4-Chloroaniline	8.09	127	735220	37.747	ng	97
34) Hexachlorobutadiene	8.15	225	266973	38.902	ng	99
35) Caprolactam	8.48	113	166894	39.221	ng	# 88
36) 4-Chloro-3-methylphenol	8.57	107	521252	38.418	ng	97
37) 2-Methylnaphthalene	8.73	142	1127229	37.522	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	440224	38.396	ng	99
40) Hexachlorocyclopentadiene	8.88	237	268143	42.764	ng	100

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
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 ClientSampleId :
 SSTDCCC040

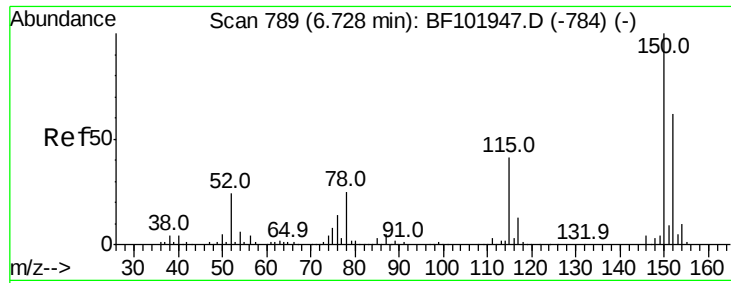
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	318276	40.283	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	356165	39.884	nq	97
45) 1,1'-Biphenyl	9.19	154	1334390	37.251	nq	100
46) 2-Chloronaphthalene	9.22	162	1042813	37.541	nq	100
47) 2-Nitroaniline	9.32	65	367817	44.204	nq	93
48) Acenaphthylene	9.63	152	1628892	36.950	nq	99
49) Dimethylphthalate	9.50	163	1261752	38.810	nq	100
50) 2,6-Dinitrotoluene	9.56	165	281463	43.341	nq	95
51) Acenaphthene	9.80	154	958016	35.805	nq	100
52) 3-Nitroaniline	9.73	138	346577	42.286	nq	98
53) 2,4-Dinitrophenol	9.83	184	110404m	48.329	nq	
54) Dibenzofuran	9.97	168	1365448	37.183	nq	96
55) 4-Nitrophenol	9.89	139	263411	43.126	nq	93
56) 2,4-Dinitrotoluene	9.96	165	356496	43.798	nq	96
57) Fluorene	10.32	166	1002706	39.499	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	248306	39.057	nq	100
59) Diethylphthalate	10.20	149	1210538	37.432	nq	98
60) 4-Chlorophenyl-phenylether	10.31	204	425643	39.376	nq	96
61) 4-Nitroaniline	10.35	138	336293	43.235	nq	92
62) Azobenzene	10.47	77	1212952	37.698	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	179697	46.907	nq	94
65) n-Nitrosodiphenylamine	10.43	169	973422	36.739	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	287398	38.462	nq	99
67) Hexachlorobenzene	10.86	284	307427	37.687	nq	# 89
68) Atrazine	10.96	200	300997	39.309	nq	98
69) Pentachlorophenol	11.05	266	189749	38.146	nq	98
70) Phenanthrene	11.27	178	1526191	36.926	nq	99
71) Anthracene	11.33	178	1560522	37.228	nq	100
72) Carbazole	11.49	167	1547776	37.566	nq	99
73) Di-n-butylphthalate	11.82	149	1883254	37.257	nq	99
74) Fluoranthene	12.46	202	1541727	37.913	nq	99
76) Benzidine	12.59	184	884577	34.796	nq	96
77) Pyrene	12.69	202	1575267	33.852	nq	99
79) Butylbenzylphthalate	13.32	149	821936	38.488	nq	99
80) Benzo(a)anthracene	13.88	228	1197002	35.637	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	493238	39.660	nq	99
82) Chrysene	13.92	228	1267942	36.202	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	918728	37.501	nq	100
84) Di-n-octyl phthalate	14.49	149	1702080	41.868	nq	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	975383	38.263	nq	95
87) Benzo(b)fluoranthene	14.90	252	1212792	38.520	nq	98
88) Benzo(k)fluoranthene	14.93	252	1084944	35.721	nq	99
89) Benzo(a)pyrene	15.25	252	1079585	38.105	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	788077	34.856	nq	97
91) Benzo(g,h,i)perylene	17.11	276	778249	34.171	nq	95

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



#1

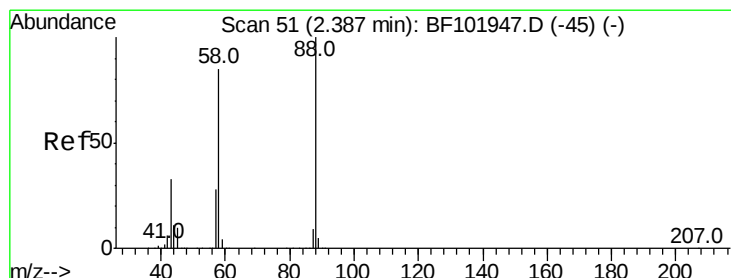
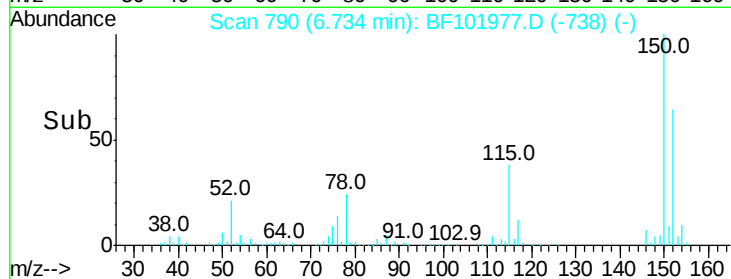
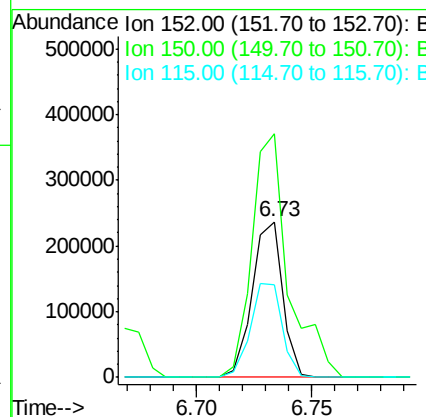
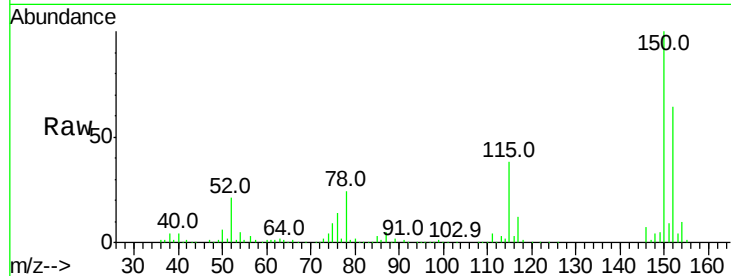
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	59.2	50.1	75.1

Manual Integrations
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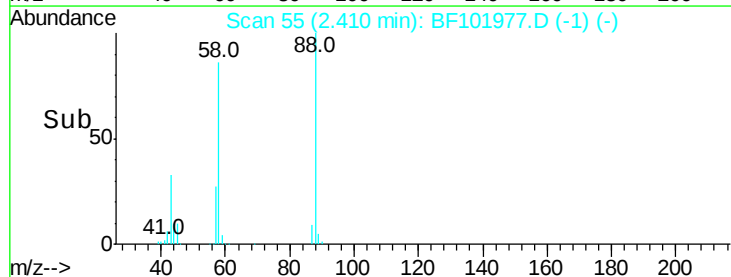
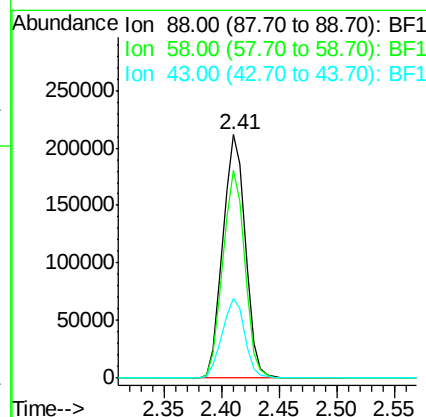
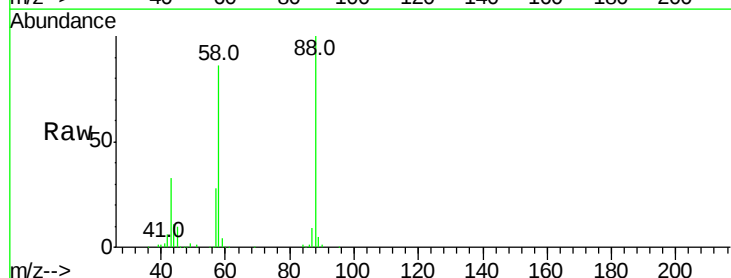
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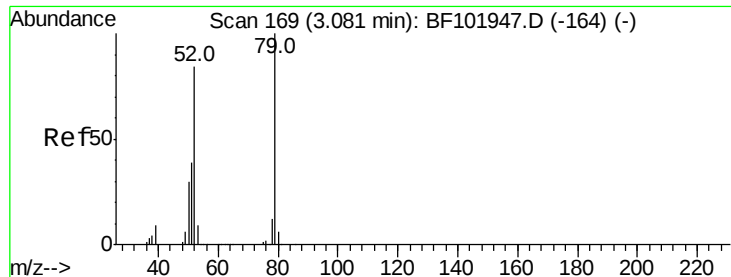


#2

1,4-Dioxane
Concen: 37.245 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.02 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	33.0	24.6	37.0





#3

Pvridine

Concen: 37.280 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.04 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

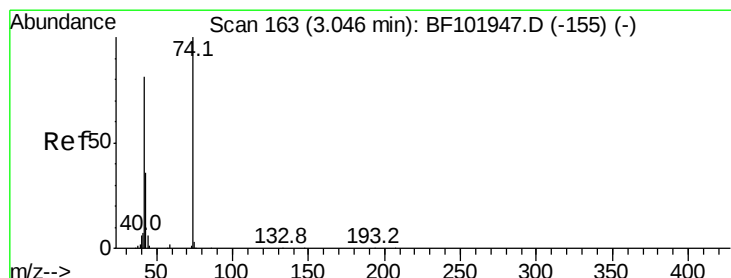
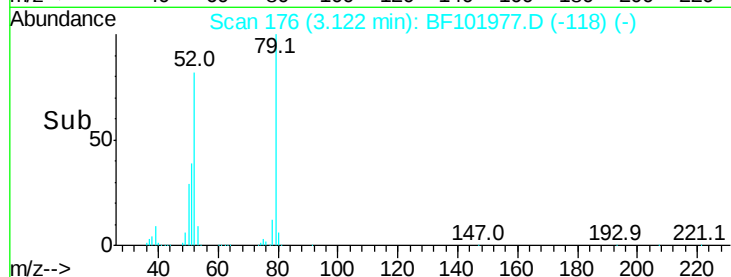
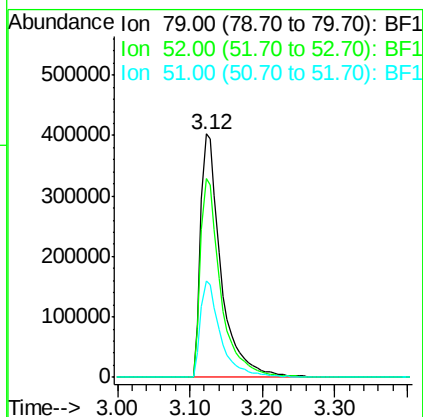
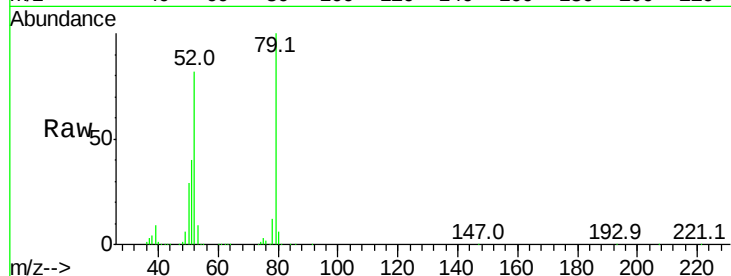
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	787537
Ion Ratio	Lower	Upper	
79	100		
52	81.5	59.8	89.6
51	39.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 37.021 ng

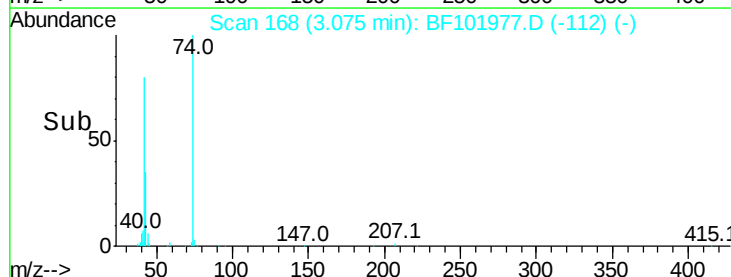
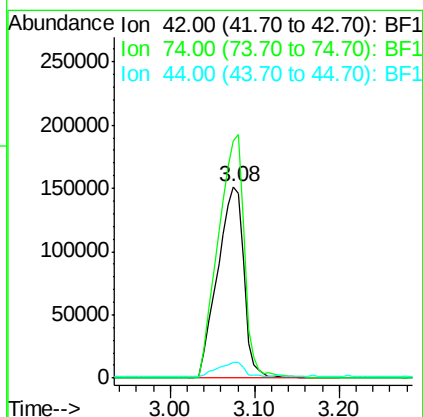
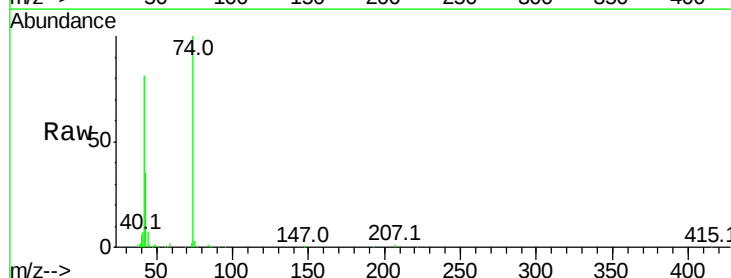
RT: 3.08 min Scan# 168

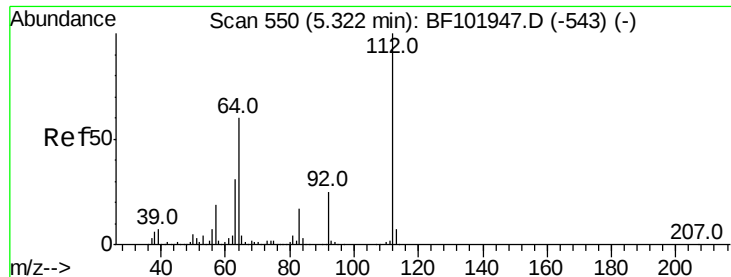
Delta R.T. 0.03 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion:	42	Resp:	327499
Ion Ratio	Lower	Upper	
42	100		
74	124.2	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 73.022 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1131895

Ion Ratio Lower Upper

112 100

64 57.8 47.9 71.9

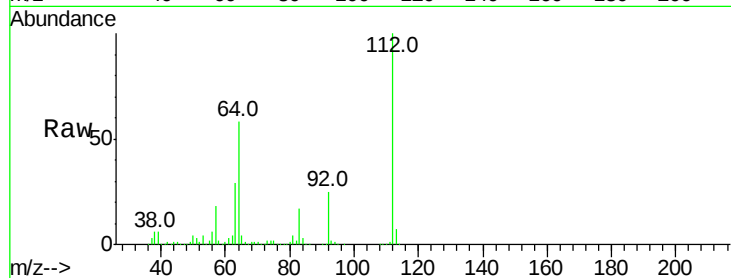
63 28.8 23.7 35.5

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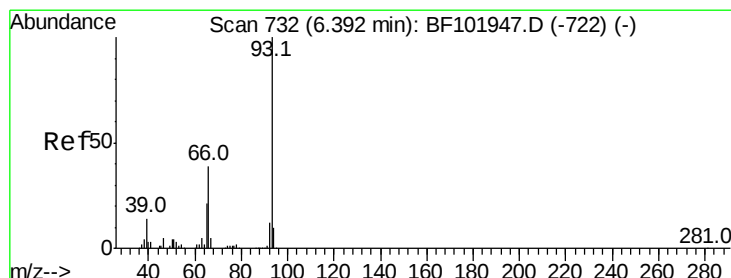
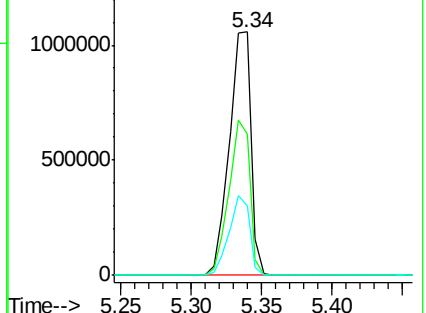
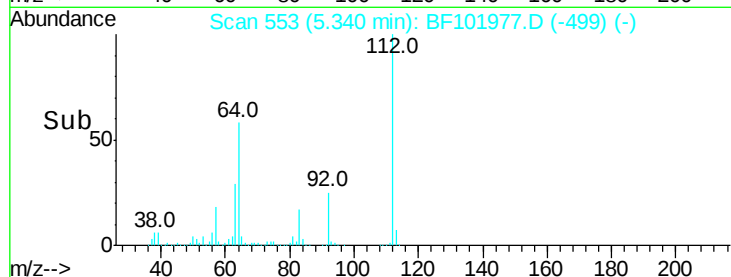
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.316 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

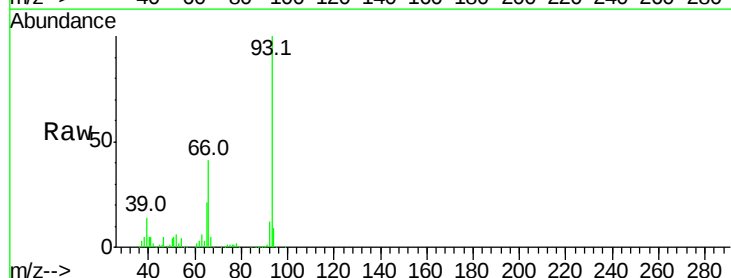
Tgt Ion: 93 Resp: 946511

Ion Ratio Lower Upper

93 100

66 41.1 32.2 48.2

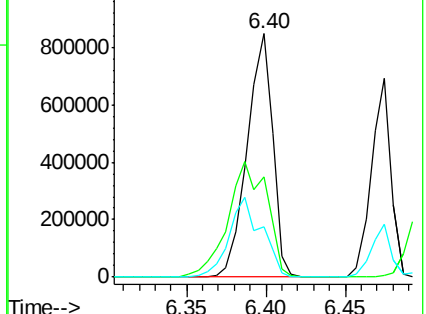
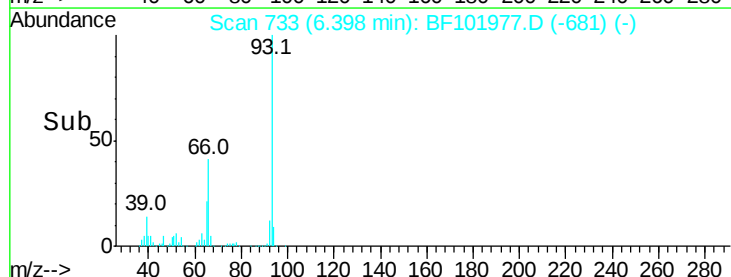
65 20.9 16.4 24.6

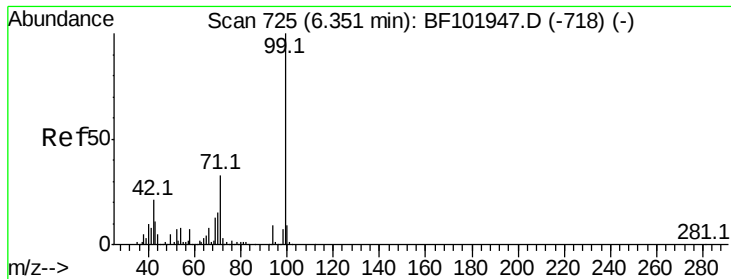


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.507 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1377924

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

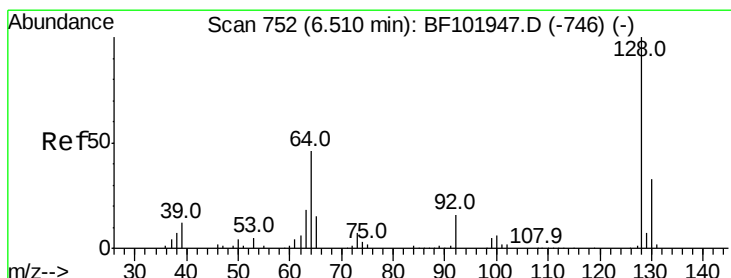
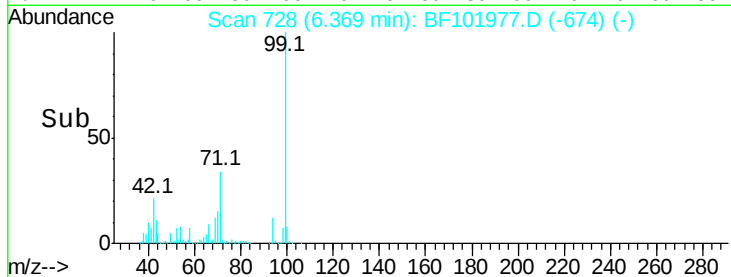
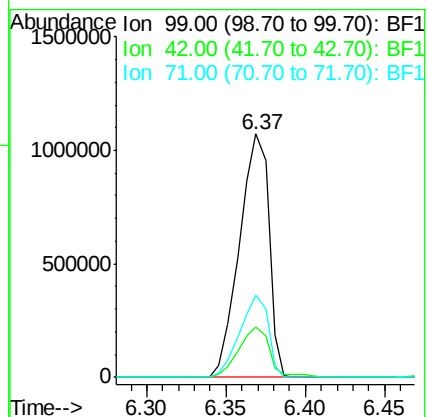
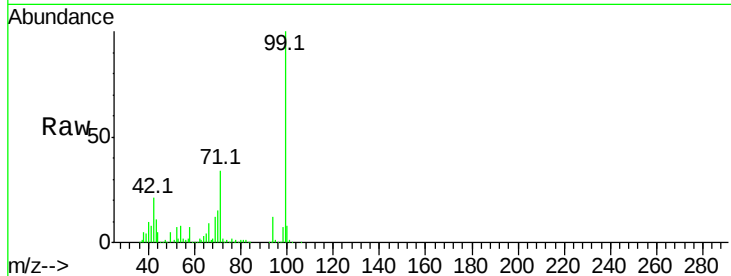
71 33.6 25.4 38.0

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#8

2-Chlorophenol

Concen: 37.323 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

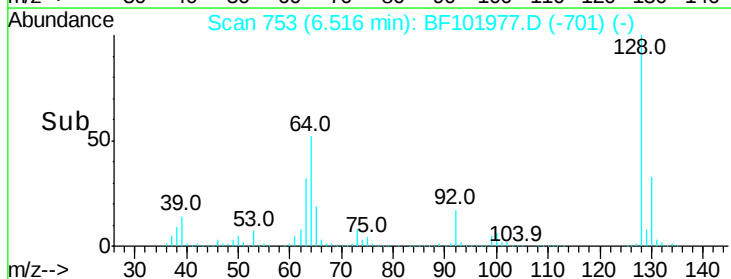
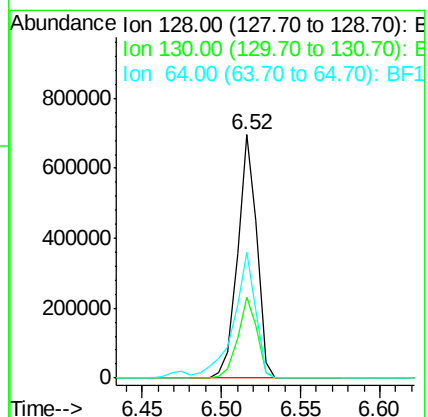
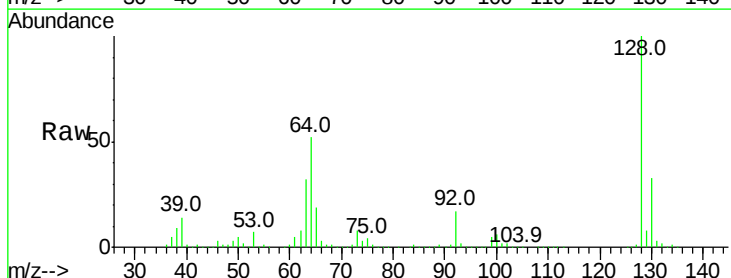
Tgt Ion: 128 Resp: 580232

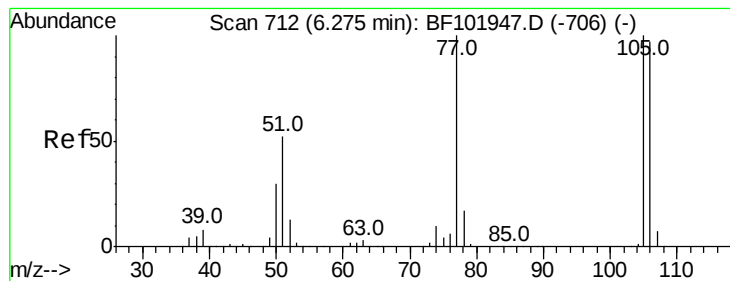
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 51.7 29.4 69.4





#9

Benzaldehyde

Concen: 37.396 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

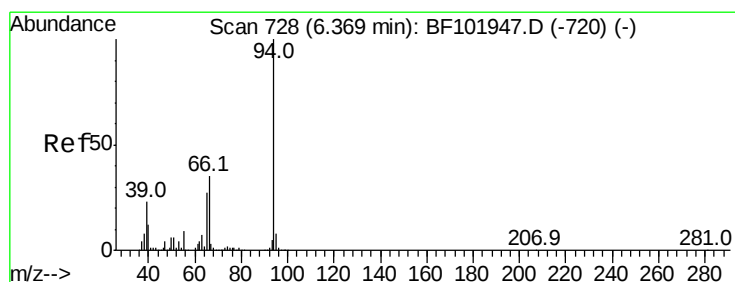
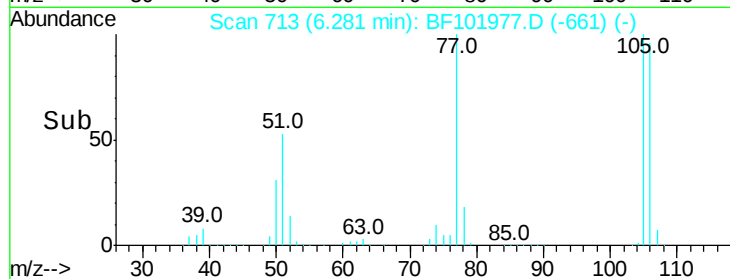
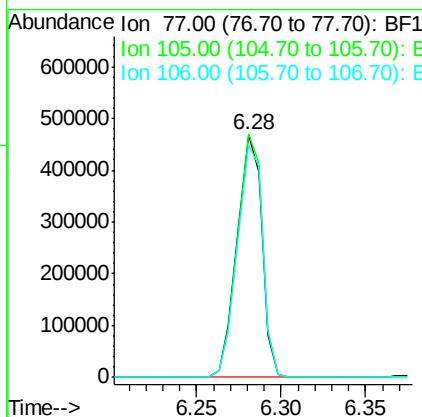
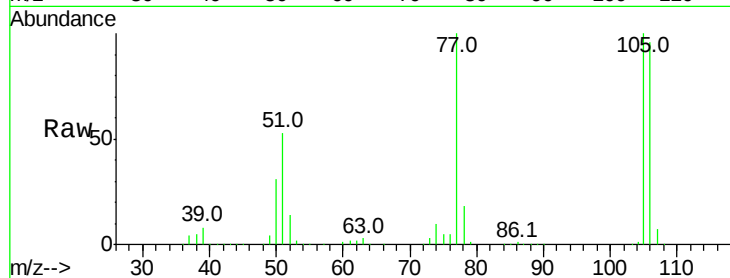
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	480203
Ion Ratio	Lower	Upper	
77	100		
105	100.2	81.1	121.1
106	95.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.558 ng

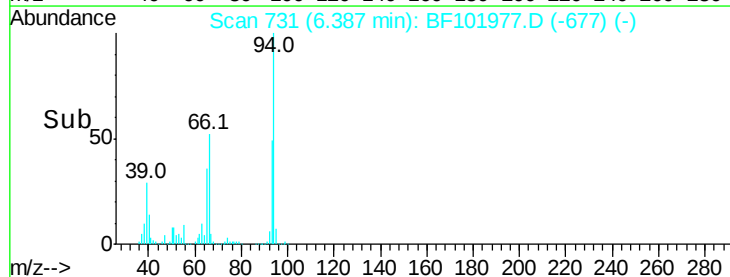
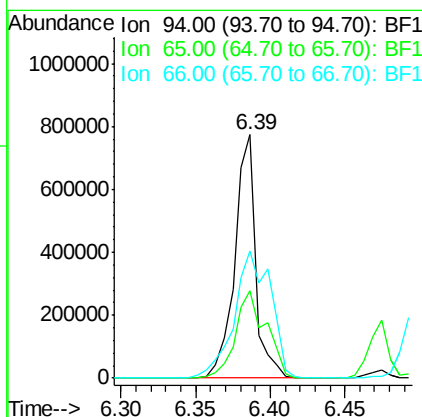
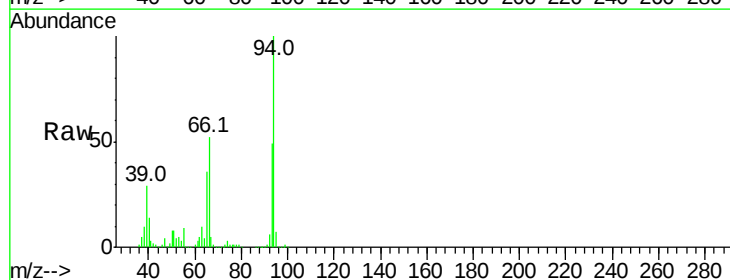
RT: 6.39 min Scan# 731

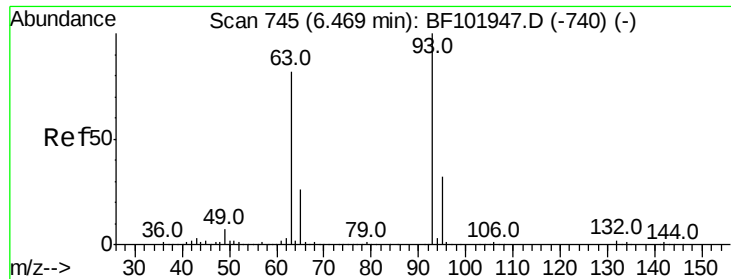
Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion:	94	Resp:	764064
Ion Ratio	Lower	Upper	
94	100		
65	35.9	7.9	47.9
66	52.1	16.2	56.2





#11

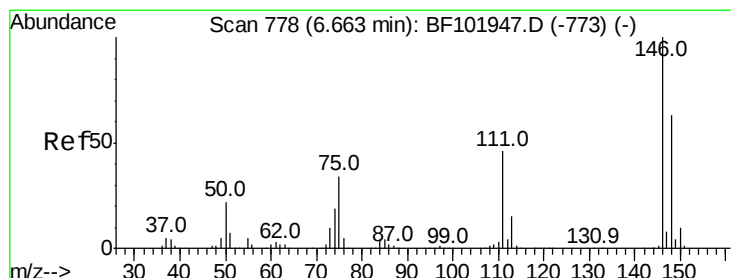
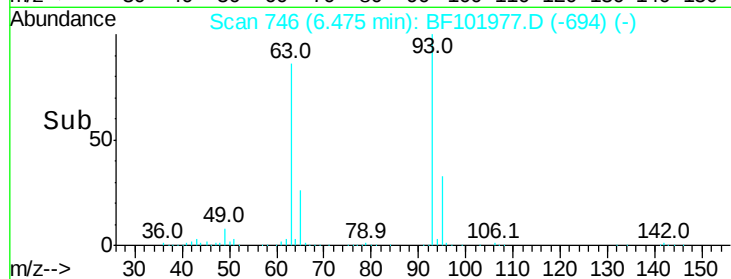
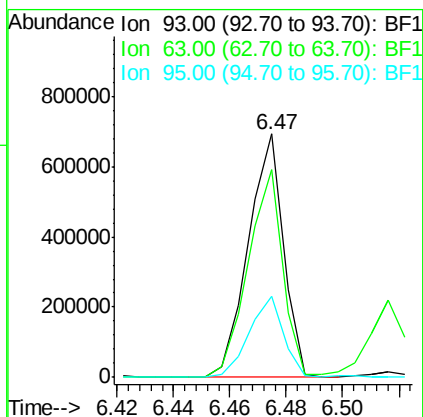
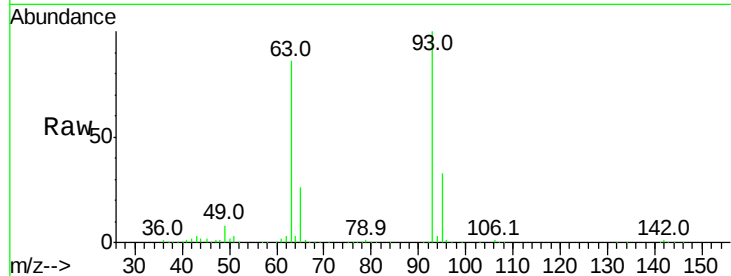
bis(2-Chloroethyl)ether
Concen: 37.551 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	58.6	98.6
95	33.1	11.8	51.8

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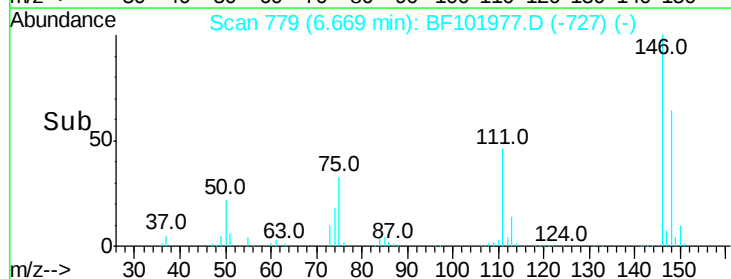
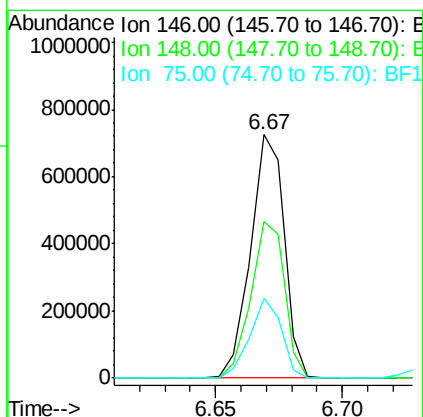
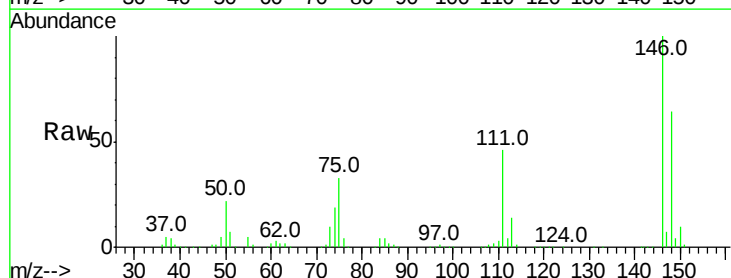
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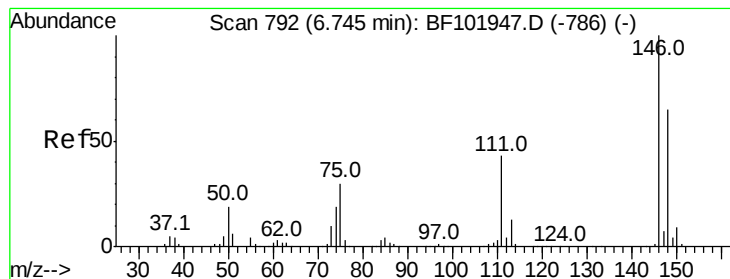


#12

1,3-Dichlorobenzene
Concen: 37.450 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	32.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.708 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

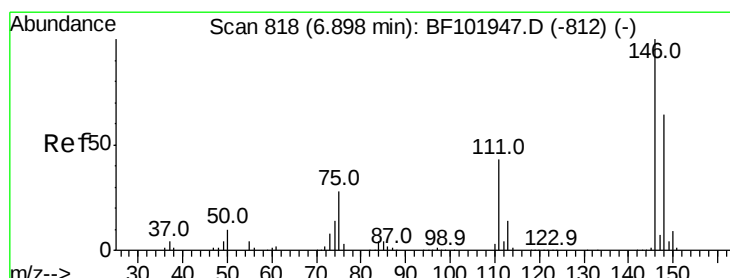
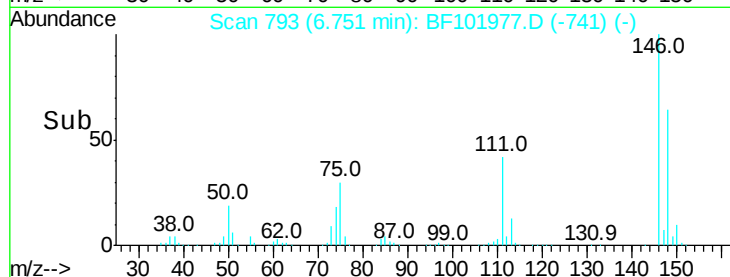
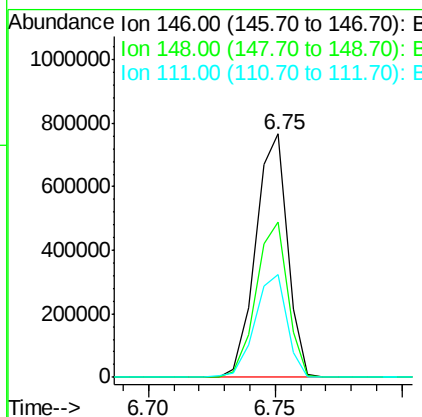
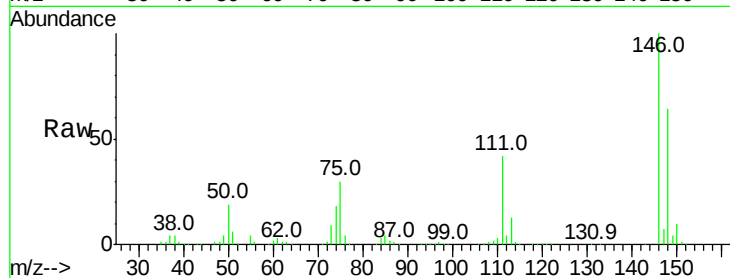
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	674315
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	42.2	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.444 ng

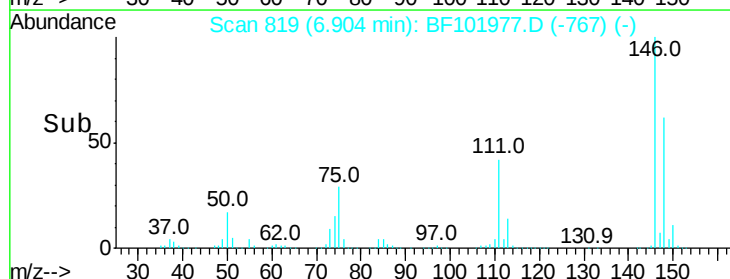
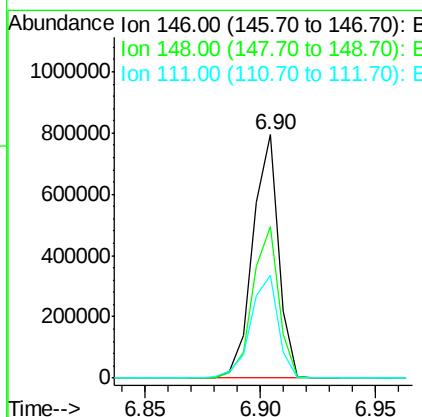
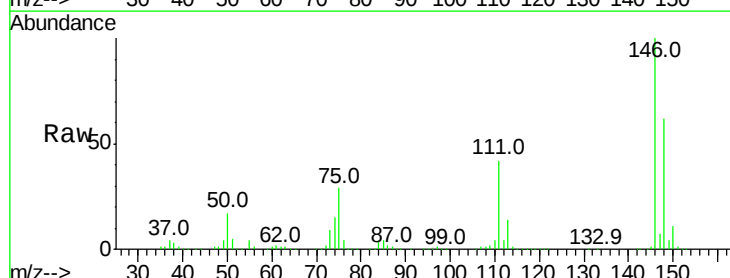
RT: 6.90 min Scan# 819

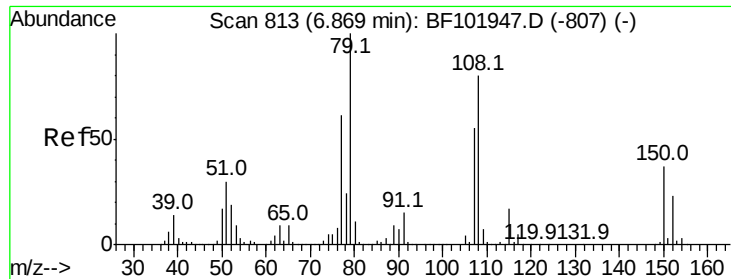
Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion:	146	Resp:	619764
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.6	75.8
111	42.4	36.0	54.0





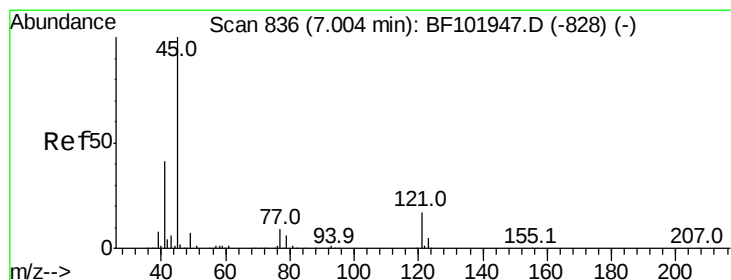
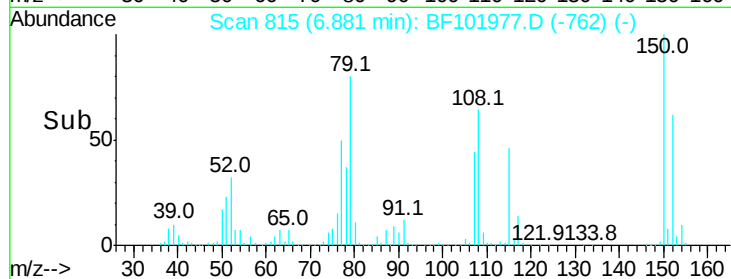
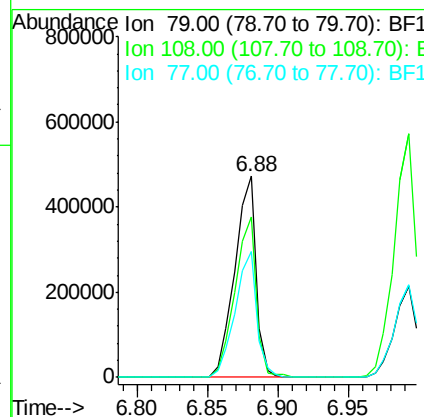
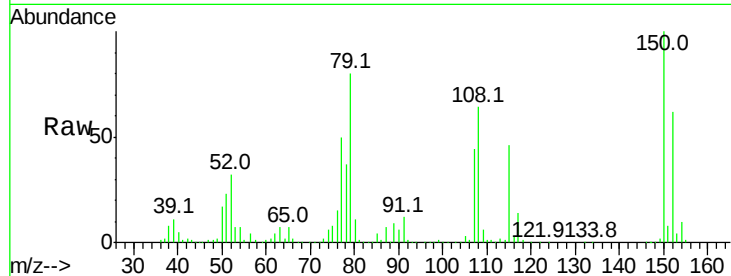
#15
Benzyl Alcohol
Concen: 36.613 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.9	65.1	97.7
77	62.4	50.6	75.8

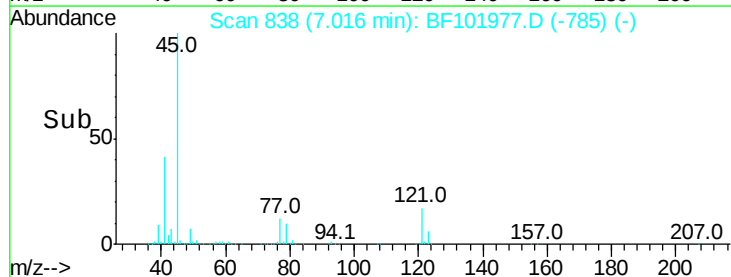
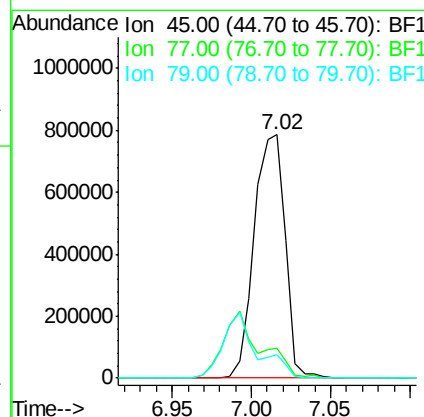
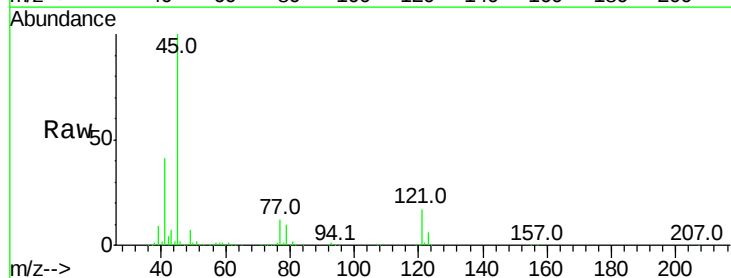
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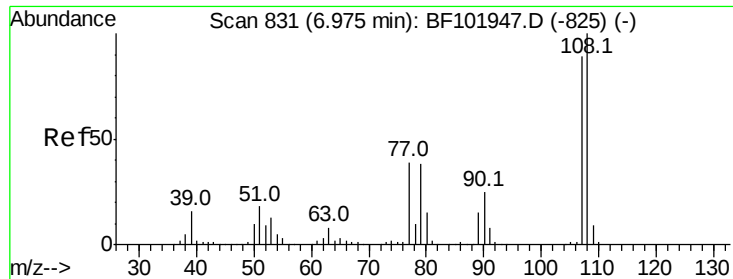
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.500 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.9
79	9.6	0.0	29.6





#17

2-Methylphenol

Concen: 37.373 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

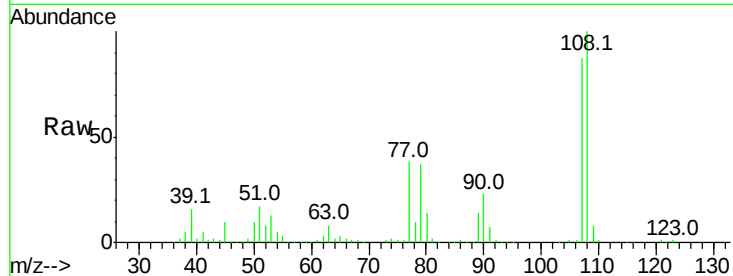
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	43.3	33.8	50.8
79	42.7	33.8	50.8

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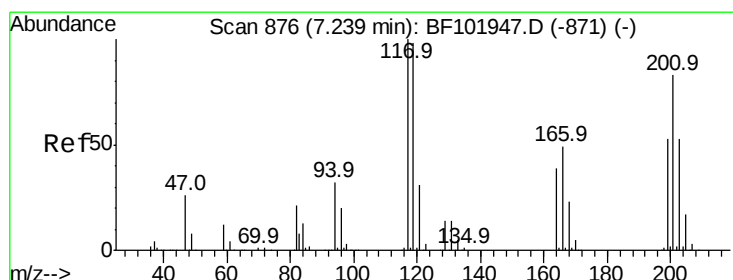
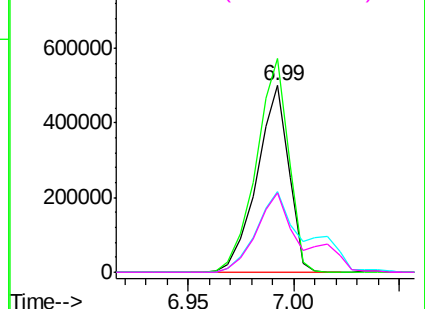
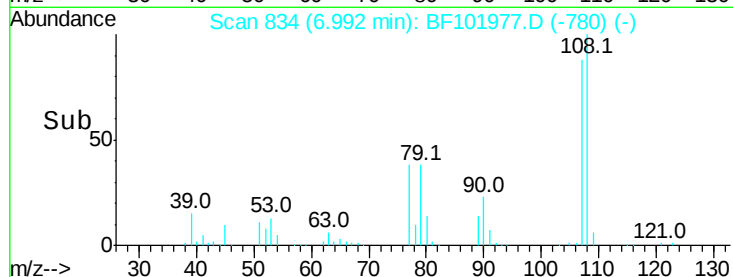


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.289 ng

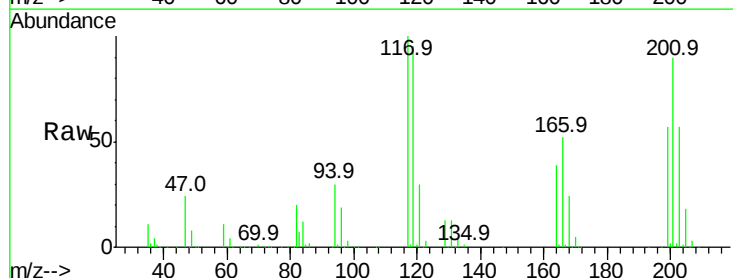
RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

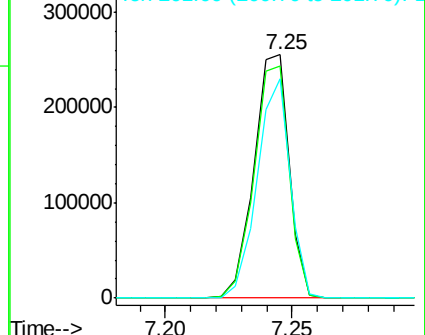
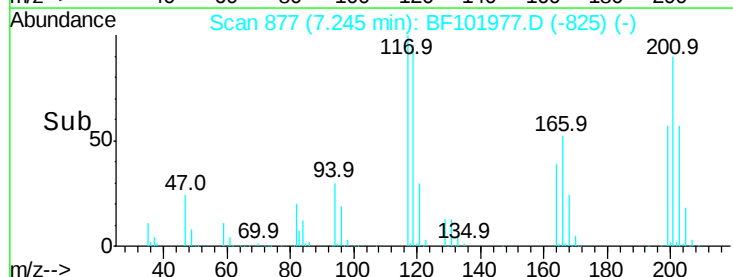
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	89.9	75.7	113.5

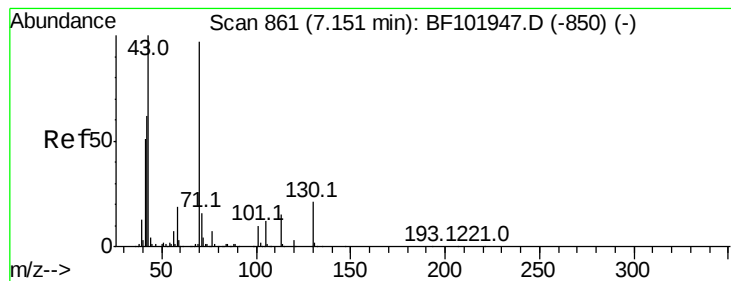


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.416 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 429225

Ion Ratio Lower Upper

70 100

42 63.6 47.5 71.3

101 9.7 7.4 11.2

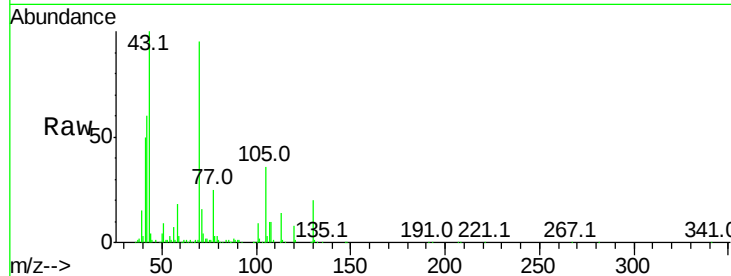
130 20.7 16.6 25.0

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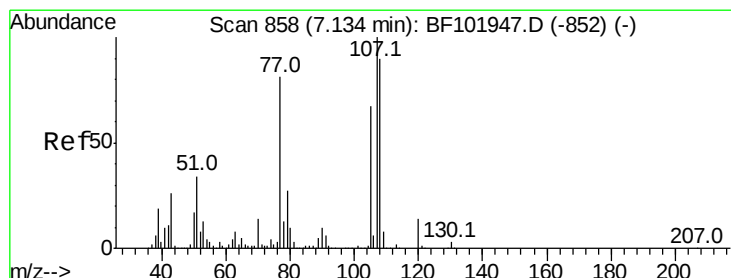
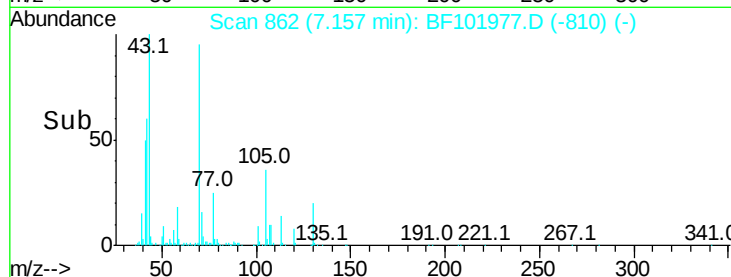
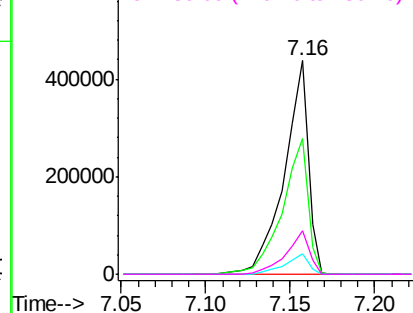
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.641 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion: 107 Resp: 600143

Ion Ratio Lower Upper

107 100

108 90.4 68.2 108.2

77 111.2 26.7 66.7#

79 27.9 6.3 46.3

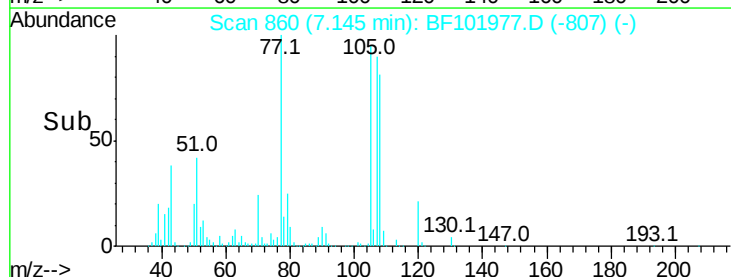
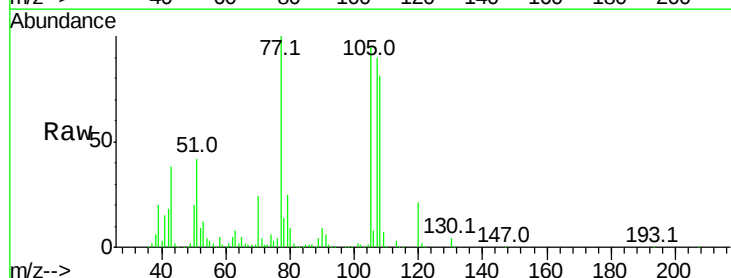
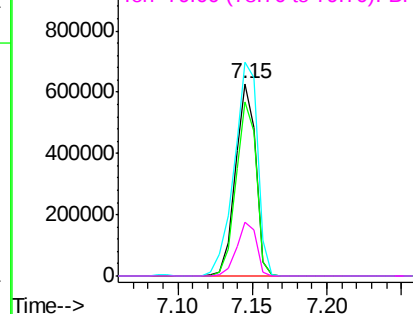
Abundance

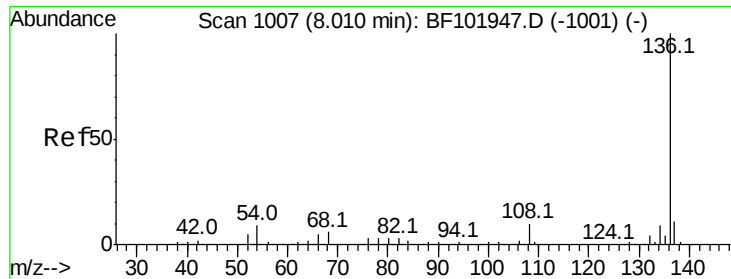
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





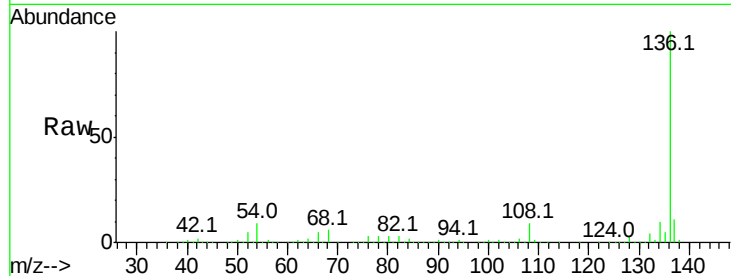
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.6	6.6	9.8	
68	6.3	5.0	7.4	

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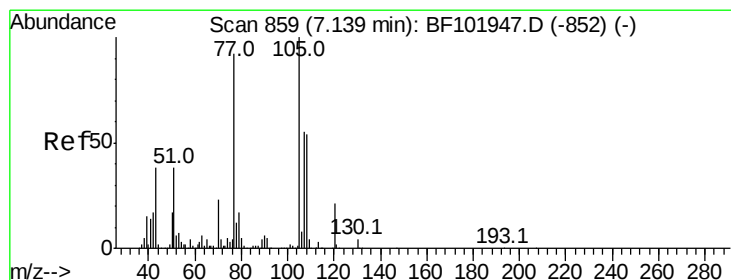
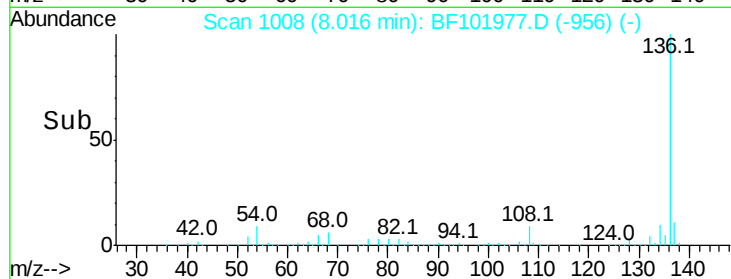
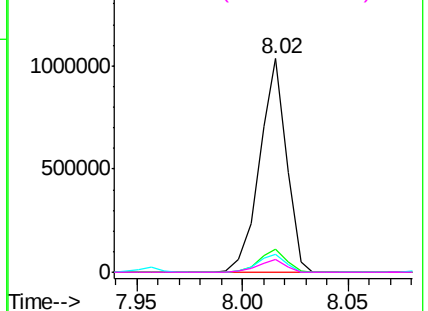
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.116 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.8	4.4	6.6#	
51	36.4	22.3	33.5#	
120	21.5	16.9	25.3	

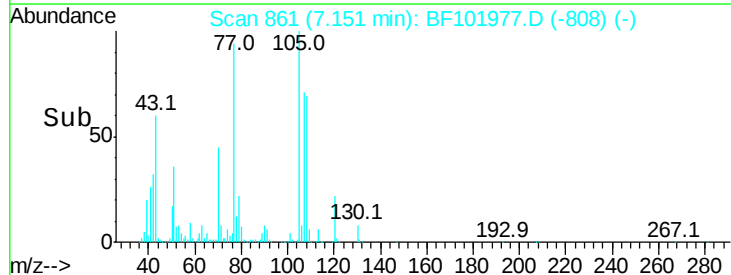
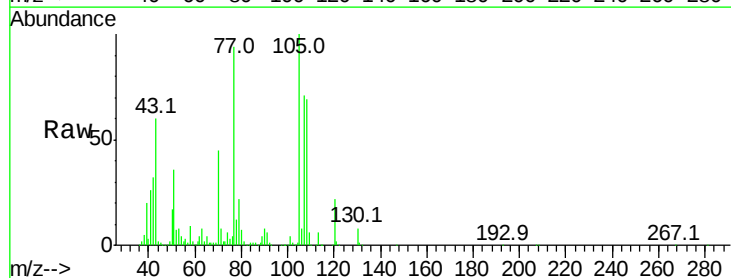
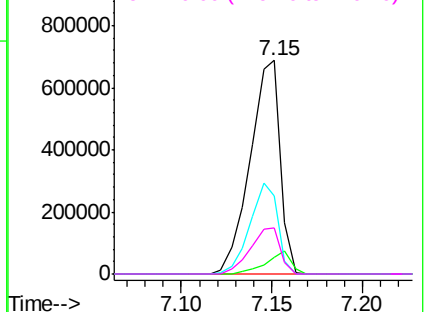
Abundance

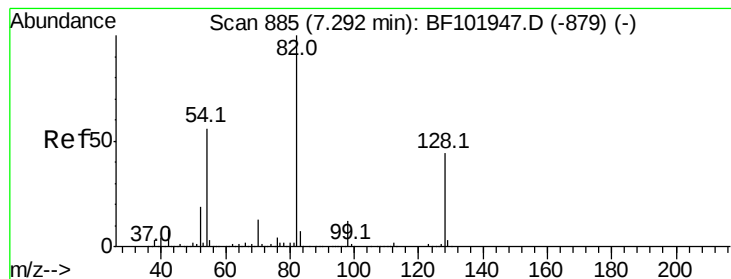
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.283 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion: 82 Resp: 1247691

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

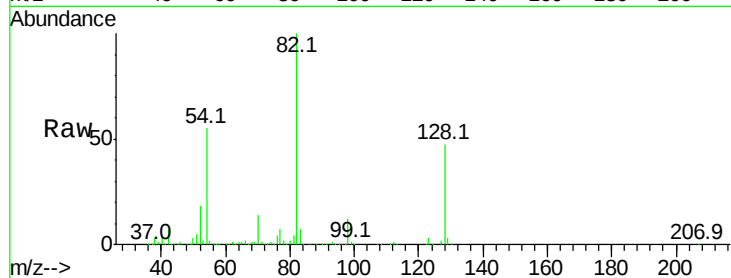
54 54.9 41.4 62.2

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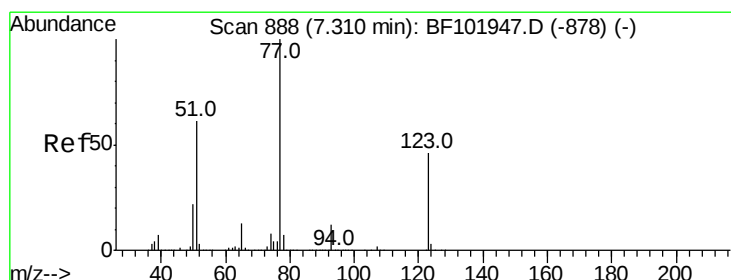
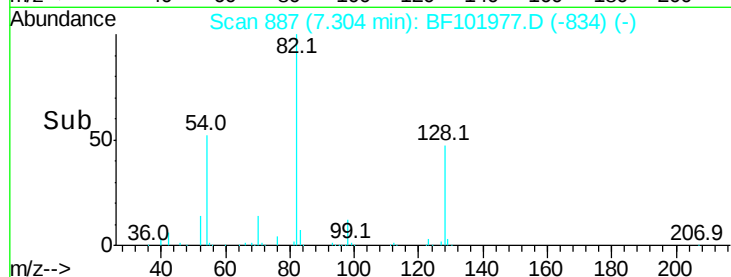
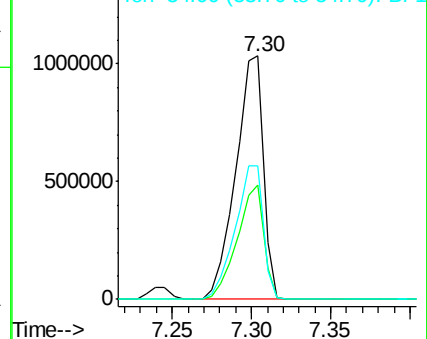
1/11/2018 10:52:36 AM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.176 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

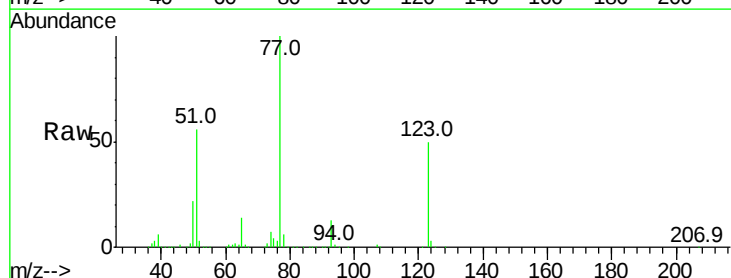
Tgt Ion: 77 Resp: 654224

Ion Ratio Lower Upper

77 100

123 50.1 37.9 56.9

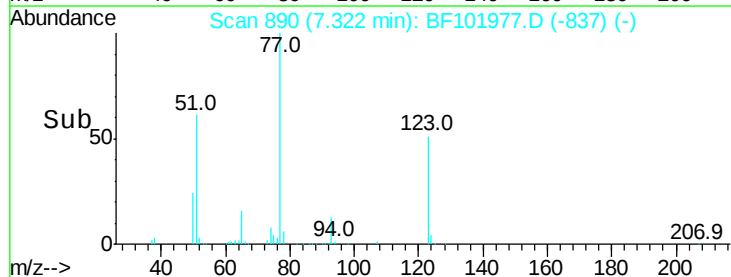
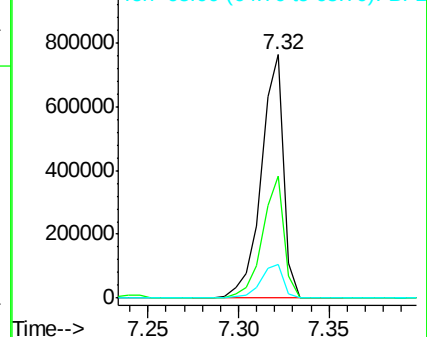
65 13.8 11.0 16.4

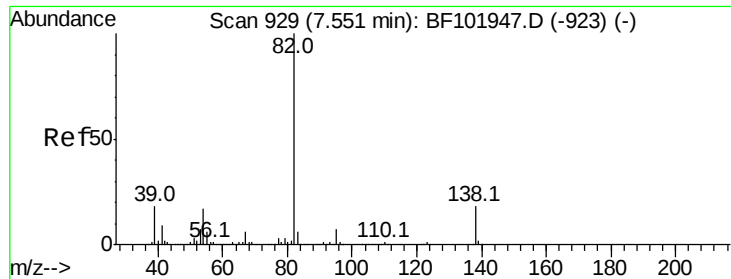


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.479 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1150902

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

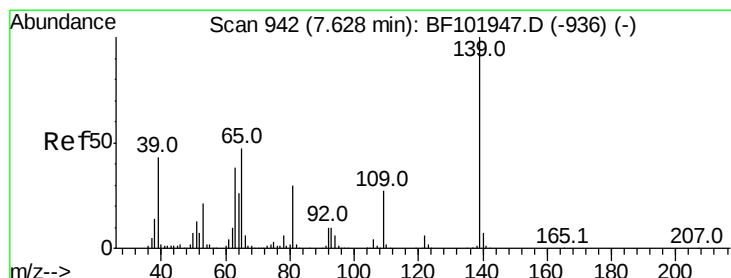
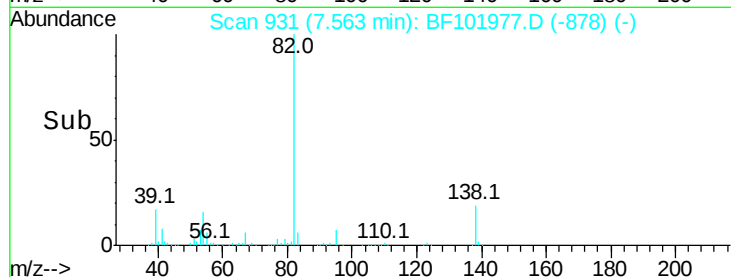
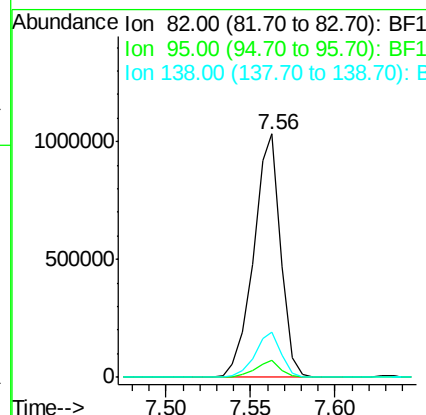
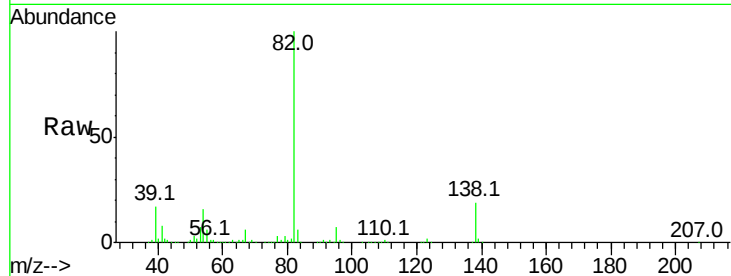
138 18.7 14.9 22.3

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#26

2-Nitrophenol

Concen: 46.636 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

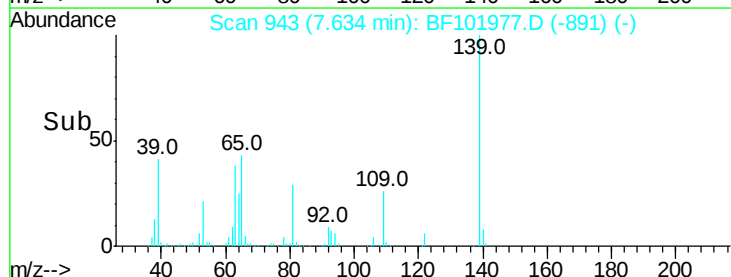
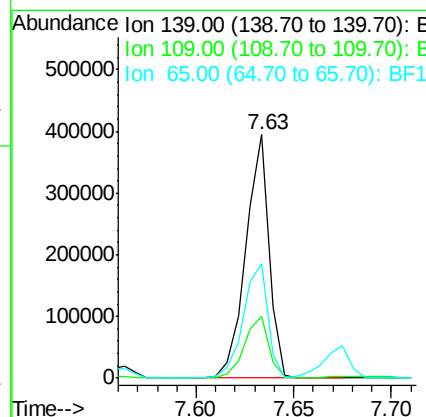
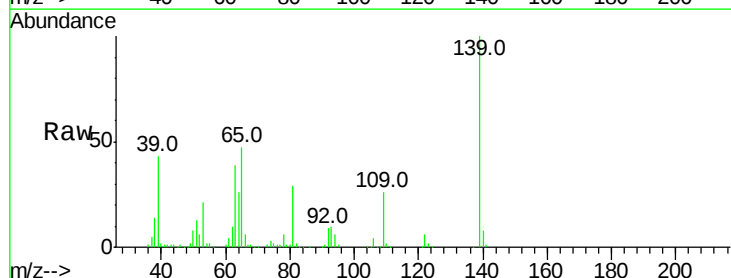
Tgt Ion: 139 Resp: 325969

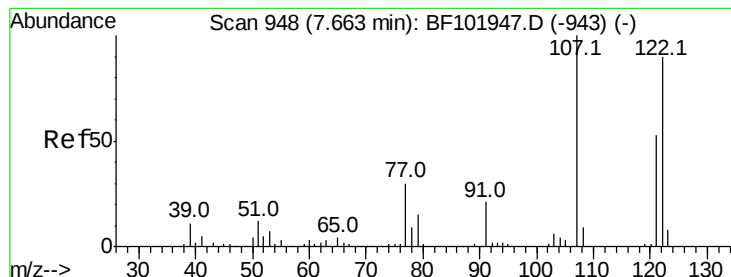
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 46.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.918 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

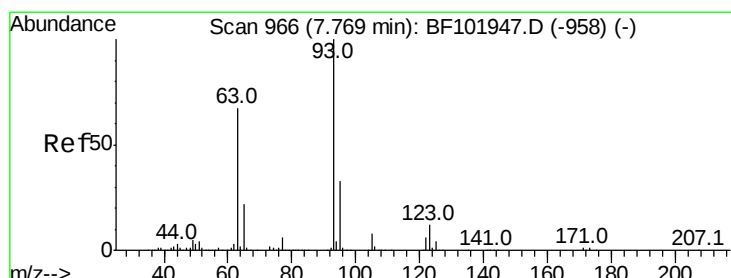
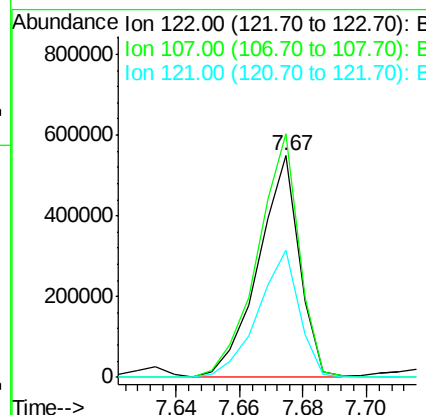
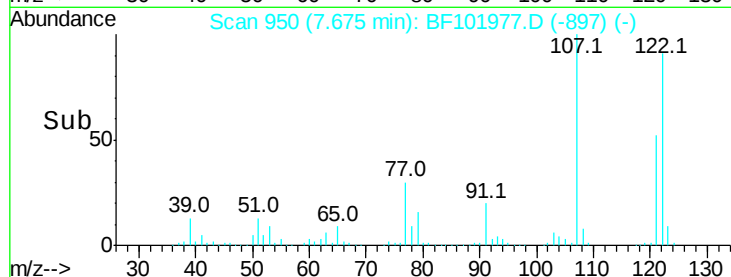
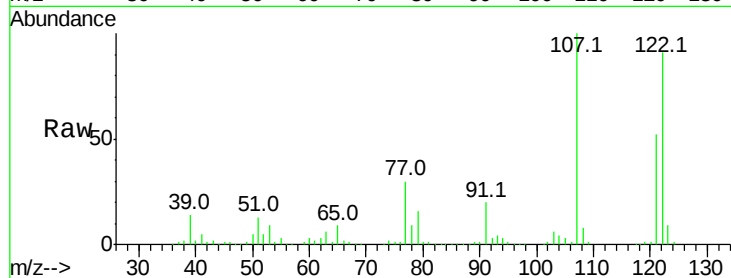
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	91.2	136.8
121	57.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 37.913 ng

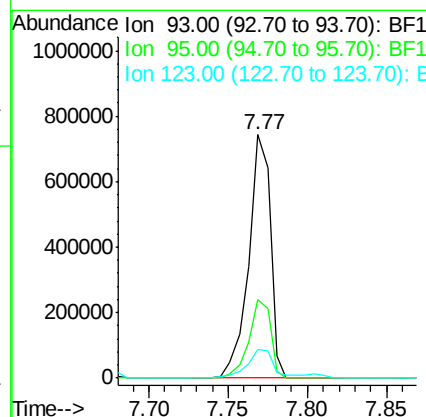
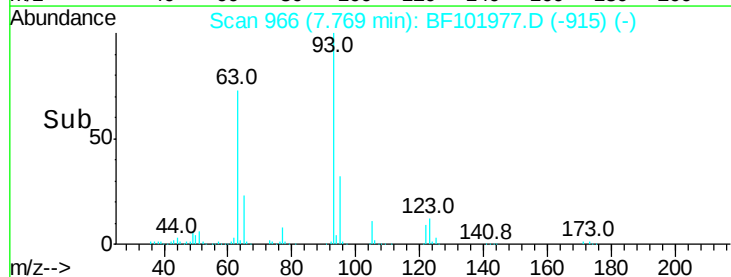
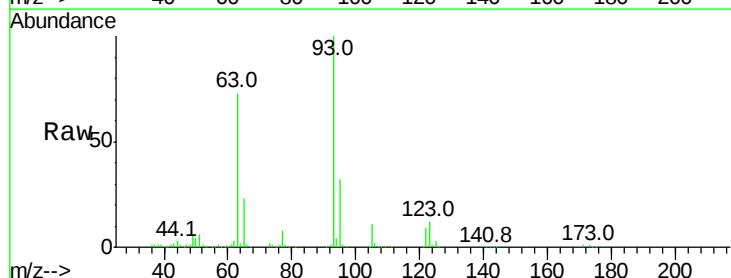
RT: 7.77 min Scan# 966

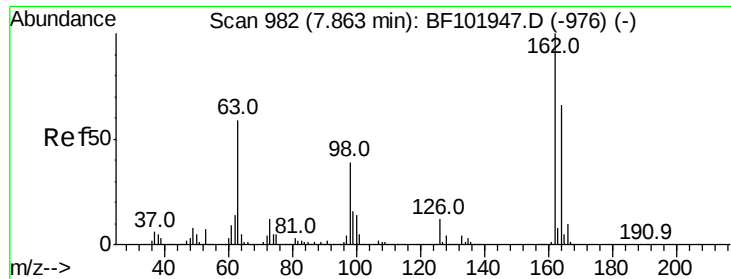
Delta R.T. 0.00 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.547 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

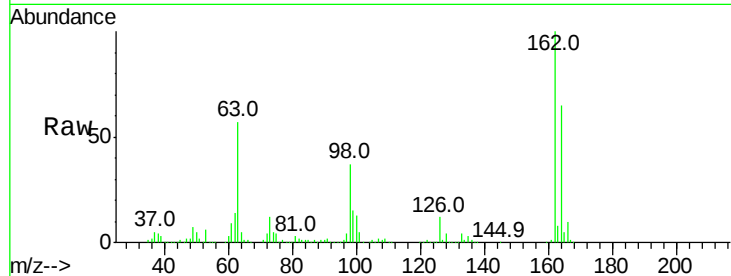
ClientSampleId :

SSTDCCC040

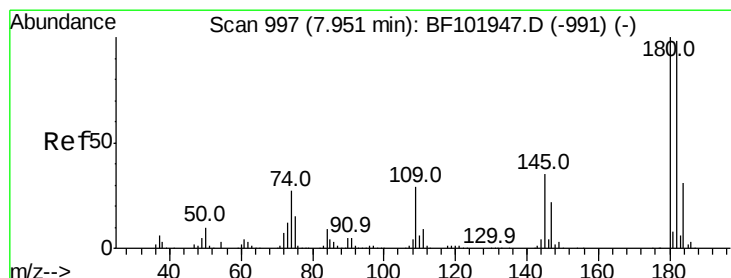
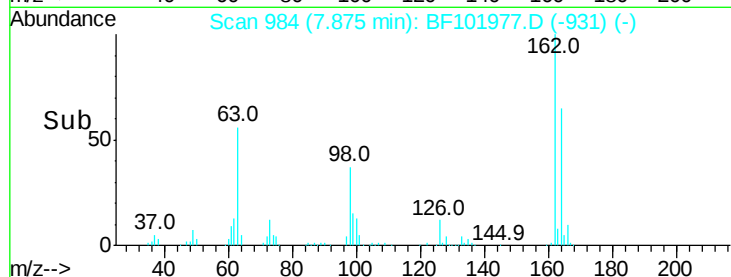
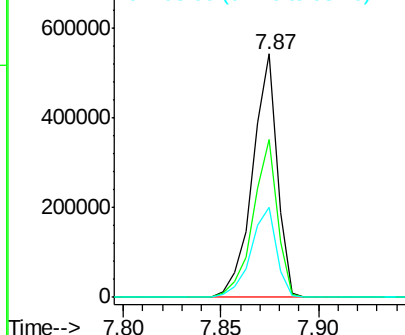
Tot Ion:	162	Resp:	477789
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.7	82.7
98	37.1	18.1	58.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.443 ng

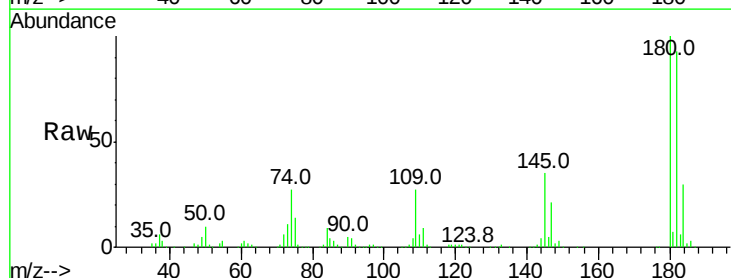
RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

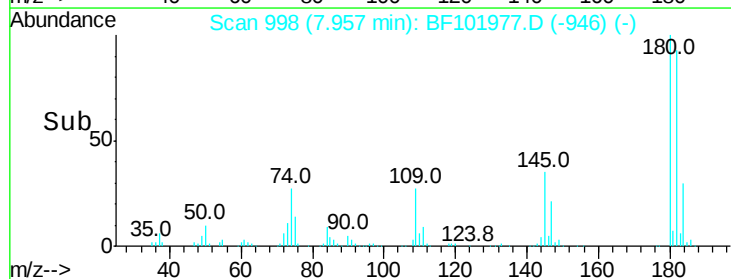
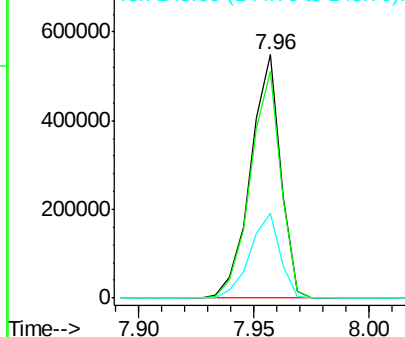
Lab File: BF101977.D

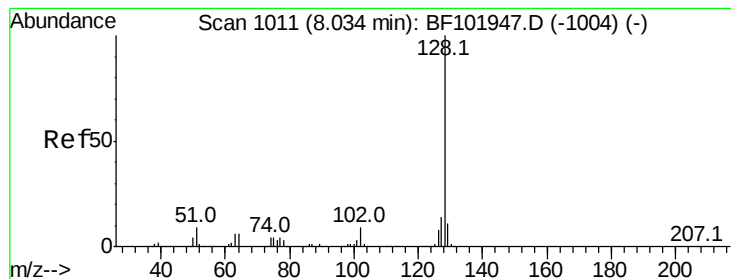
Acq: 10 Jan 2018 13:35

Tgt Ion:	180	Resp:	498410
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.8	115.2
145	34.7	26.5	39.7



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





#31

Naphthalene

Concen: 37.473 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1710063

Ion Ratio Lower Upper

128 100

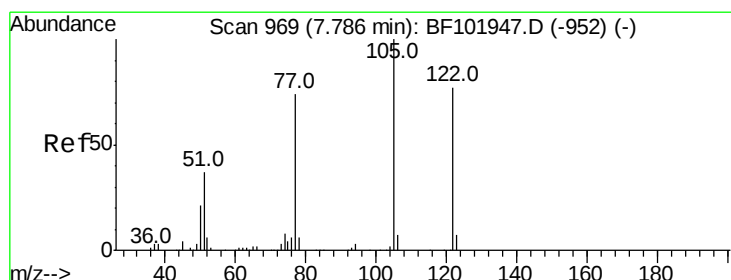
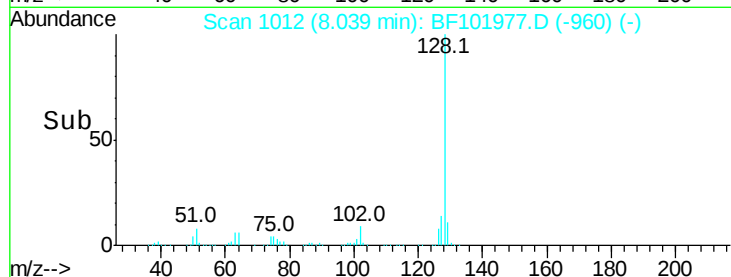
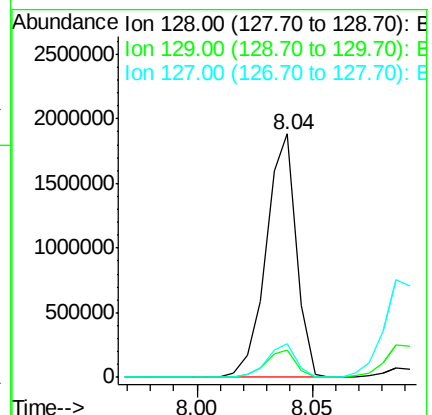
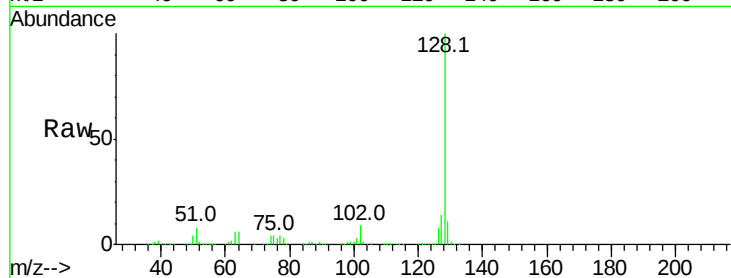
129 11.3 8.8 13.2

127 13.6 10.9 16.3

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#32

Benzoic acid

Concen: 39.283 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

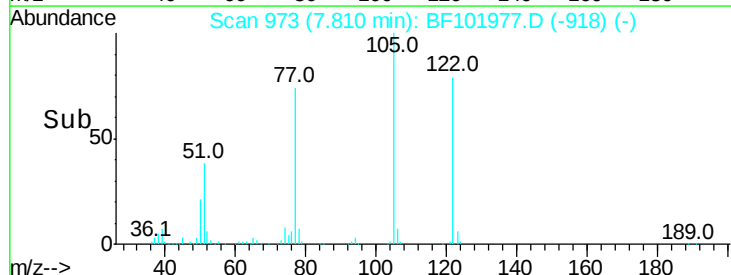
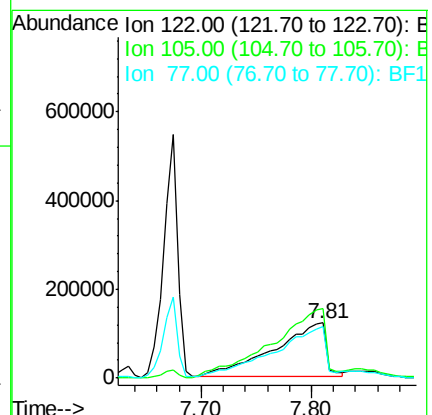
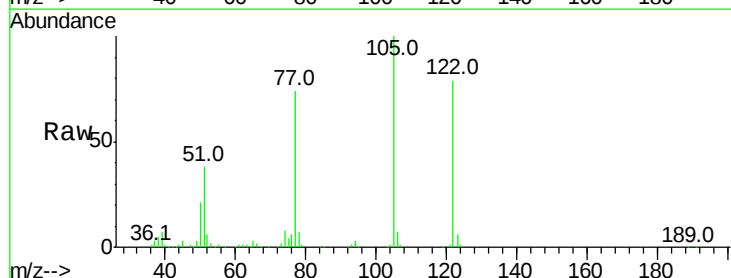
Tgt Ion:122 Resp: 388850

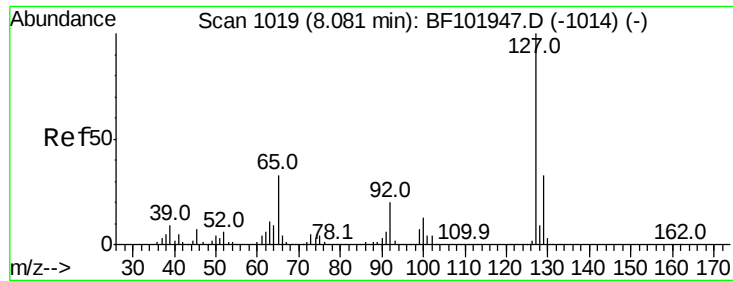
Ion Ratio Lower Upper

122 100

105 126.7 101.1 141.1

77 93.3 70.7 110.7





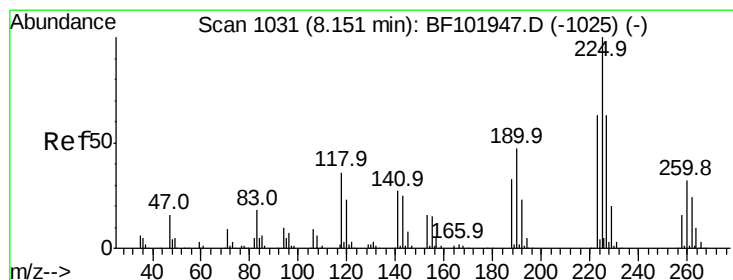
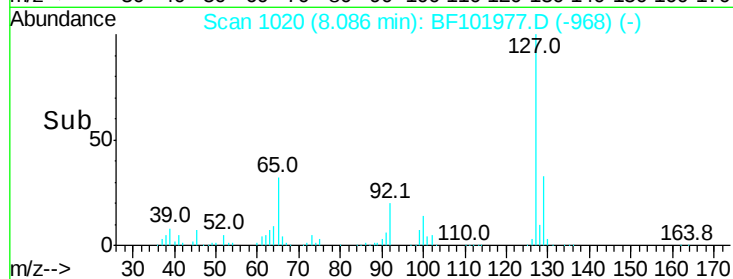
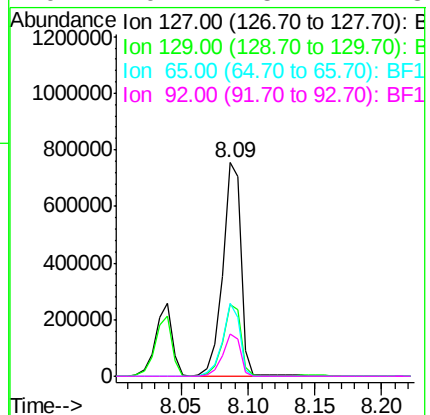
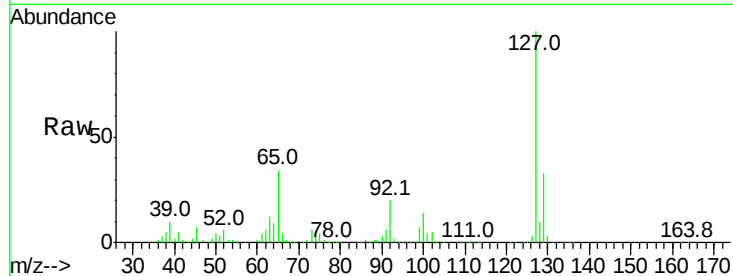
#33
4-Chloroaniline
Concen: 37.747 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	25.9	38.9	
65	34.3	25.0	37.4	
92	19.7	15.2	22.8	

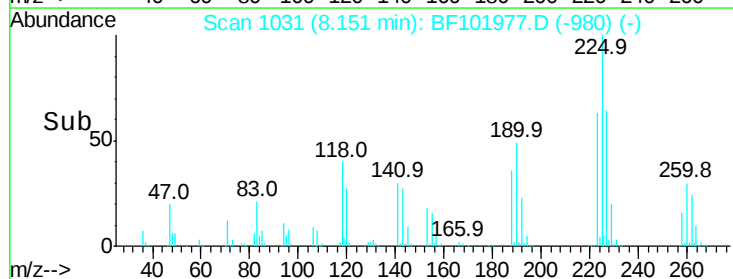
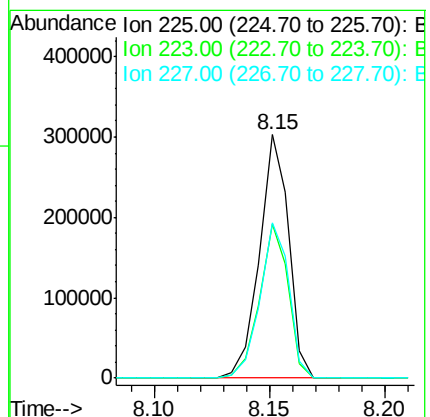
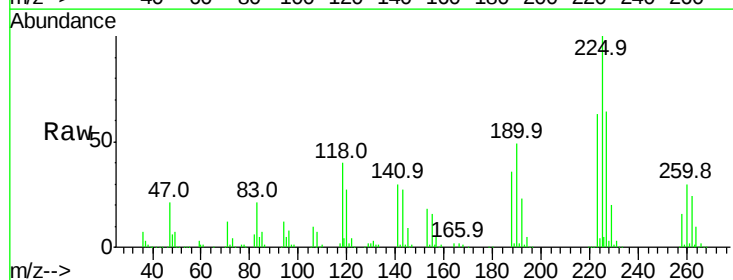
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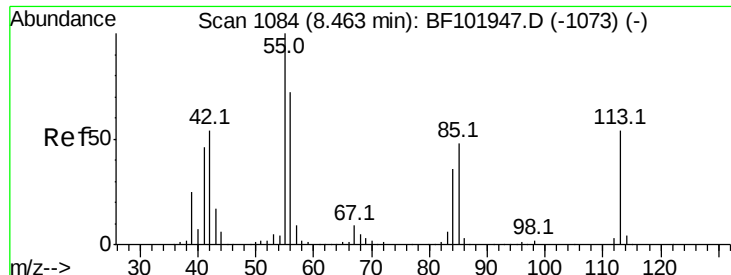
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#34
Hexachlorobutadiene
Concen: 38.902 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.6	76.0	
227	63.6	51.9	77.9	





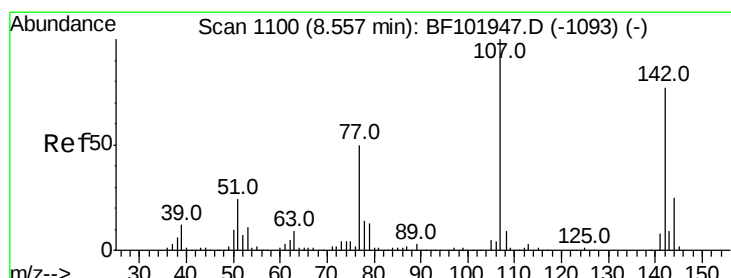
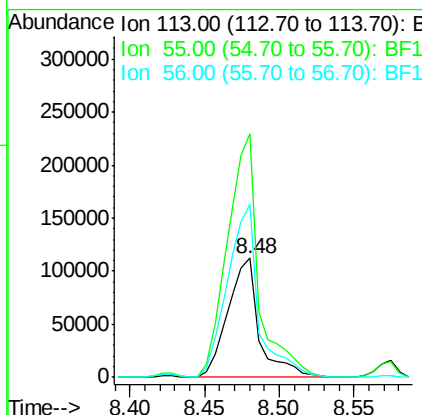
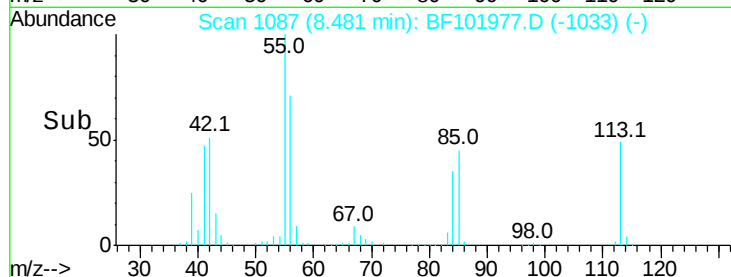
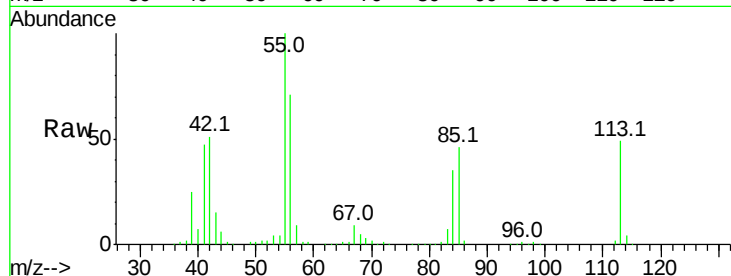
#35
Caprolactam
Concen: 39.221 ng
RT: 8.48 min Scan# 1087
Delta R.T. 0.02 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.4	163.3	203.3#
56	145.8	115.7	155.7

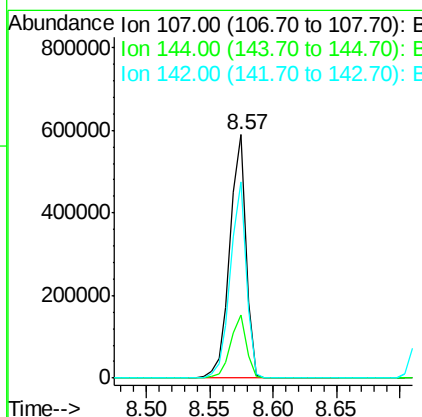
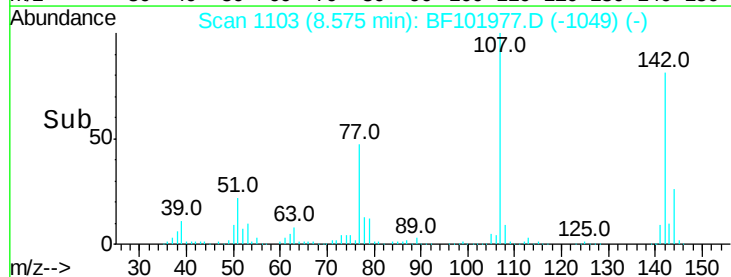
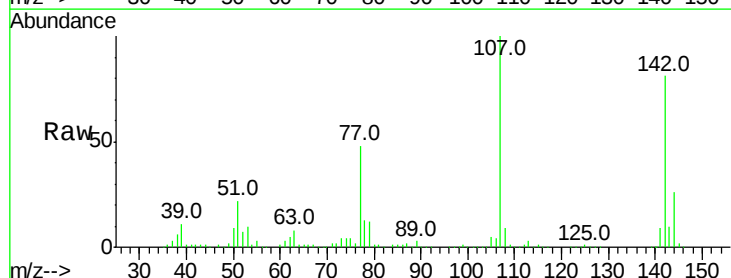
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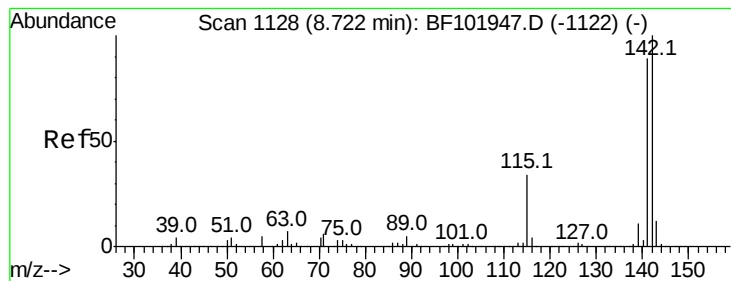
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#36
4-Chloro-3-methylphenol
Concen: 38.418 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	80.7	62.0	93.0





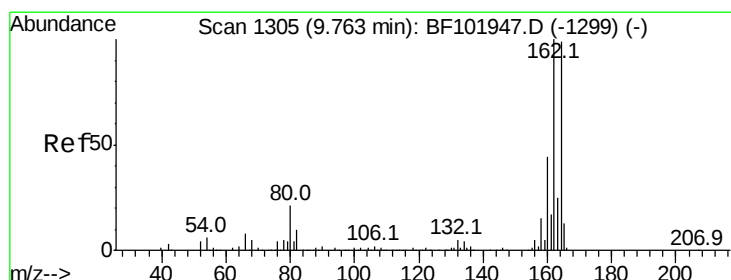
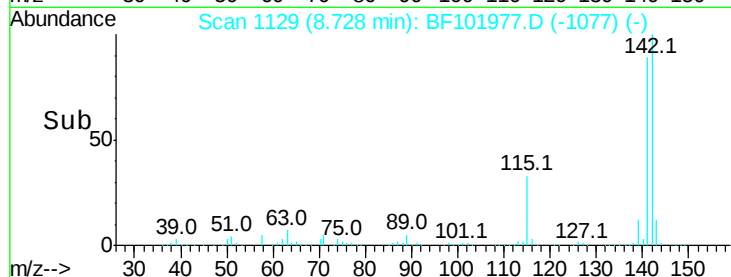
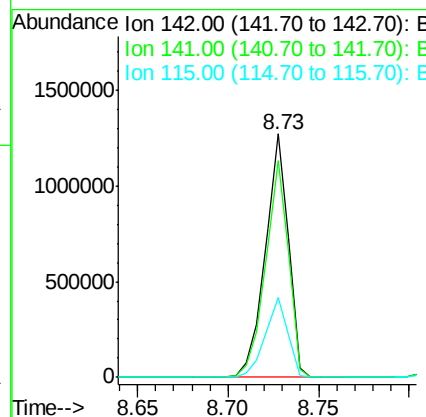
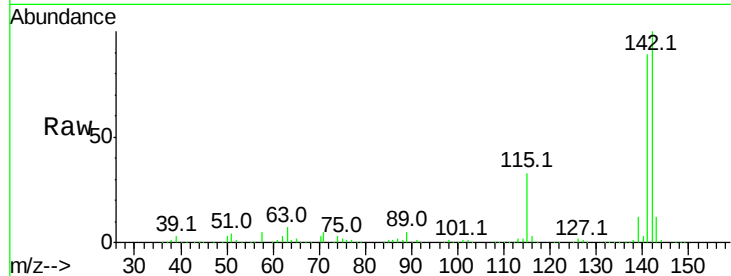
#37
2-Methylnaphthalene
Concen: 37.522 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	32.8	26.1	39.1

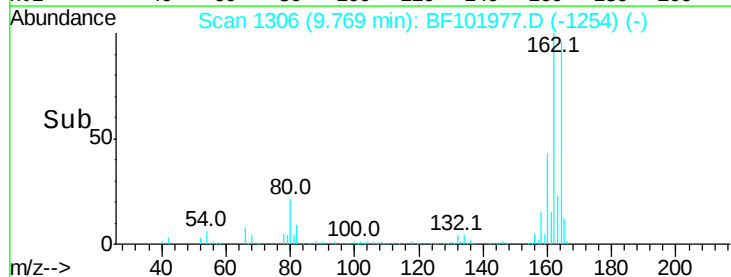
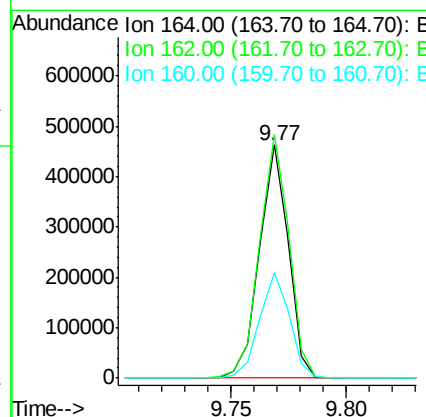
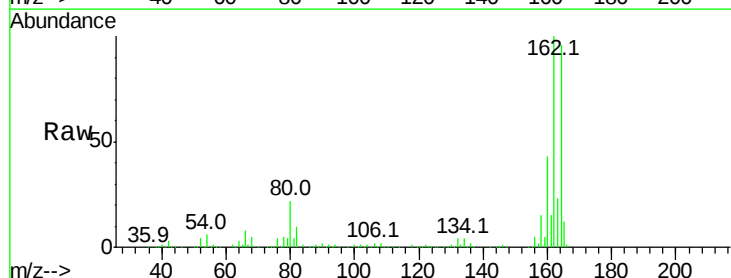
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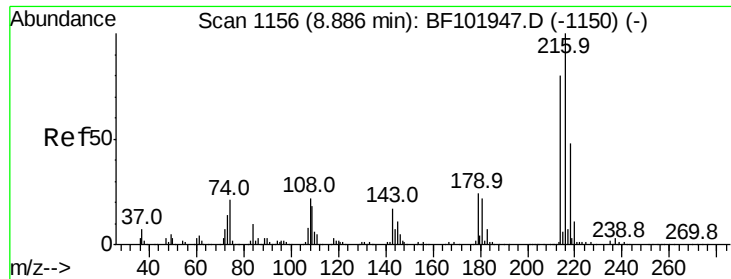
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.4	38.3	57.5





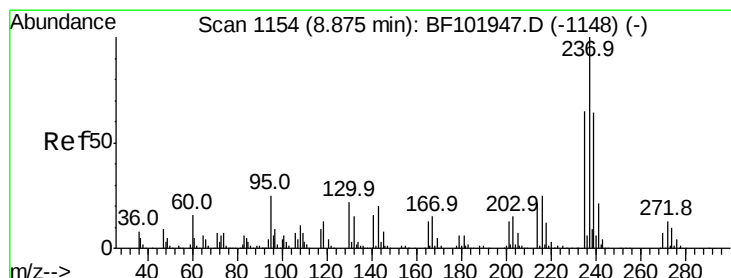
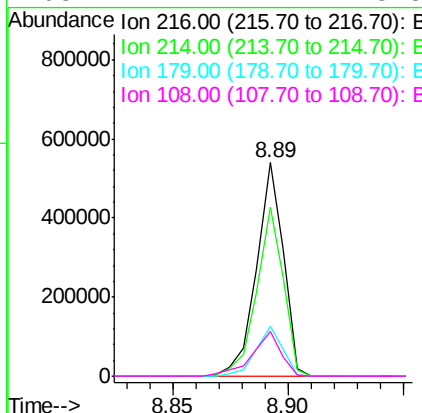
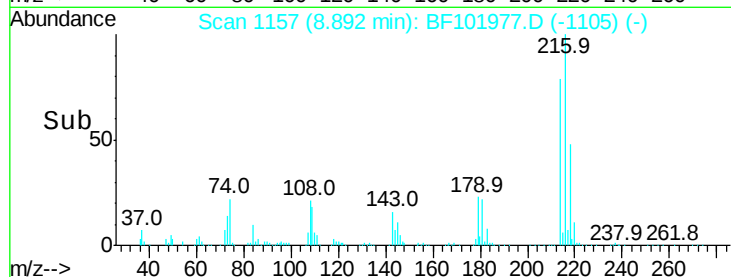
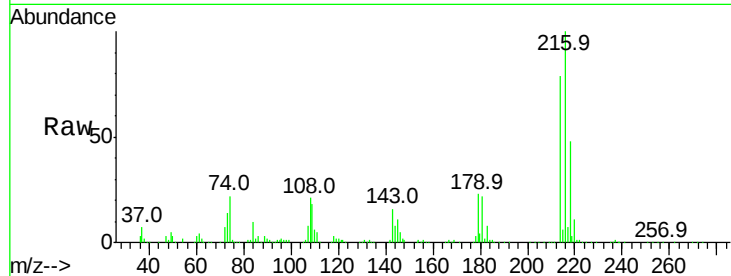
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.396 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	440224		
214	78.7	63.0	94.4	
179	23.2	18.1	27.1	
108	22.7	17.2	25.8	

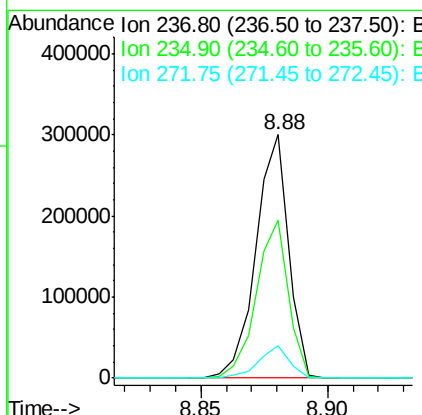
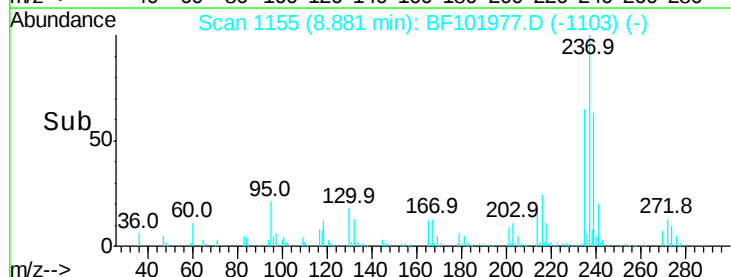
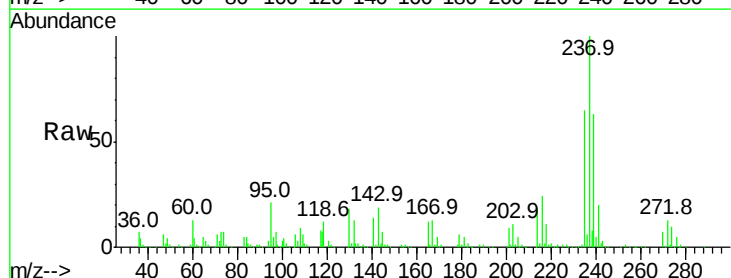
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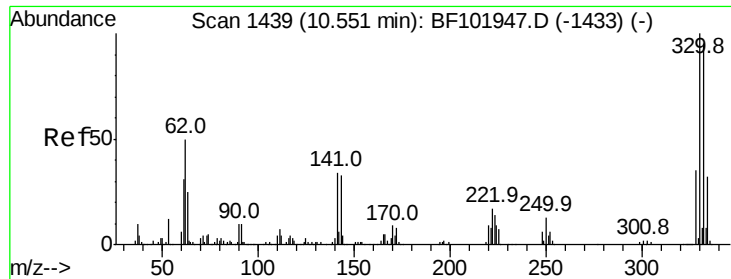
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#40
 Hexachlorocyclopentadiene
 Concen: 42.764 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	268143		
235	64.8	44.8	84.8	
272	13.3	0.0	33.3	





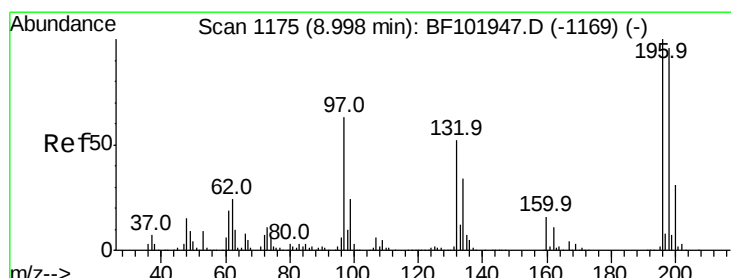
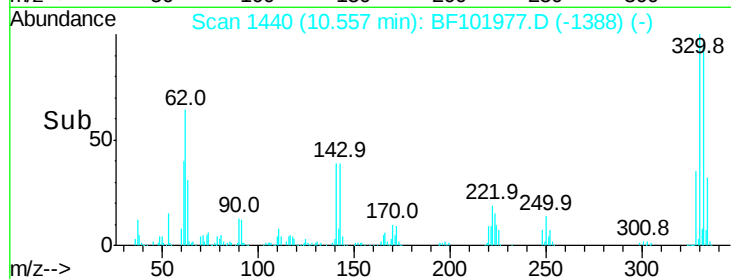
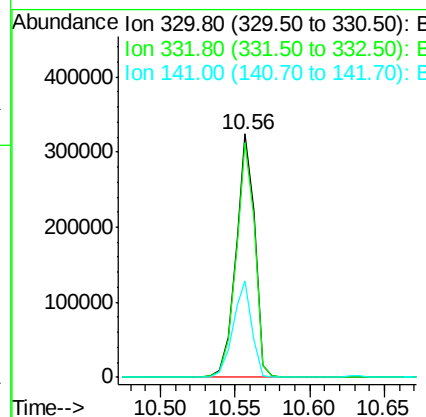
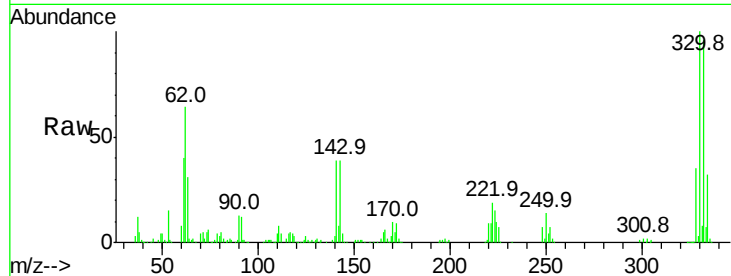
#41
 2,4,6-Tribromophenol
 Concen: 81.045 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	39.8	29.9	44.9	

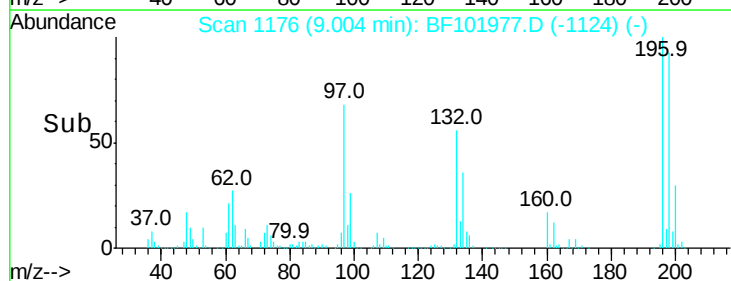
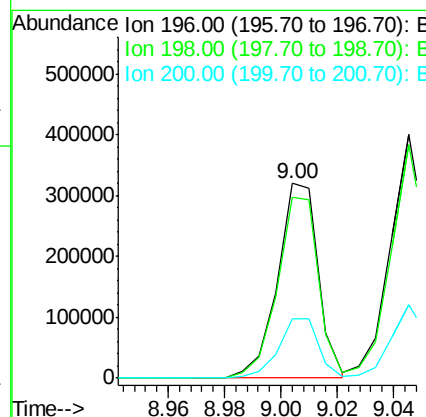
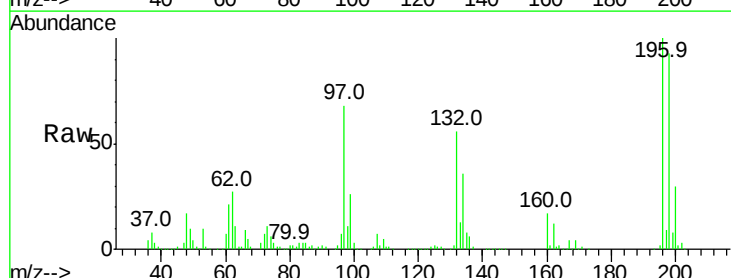
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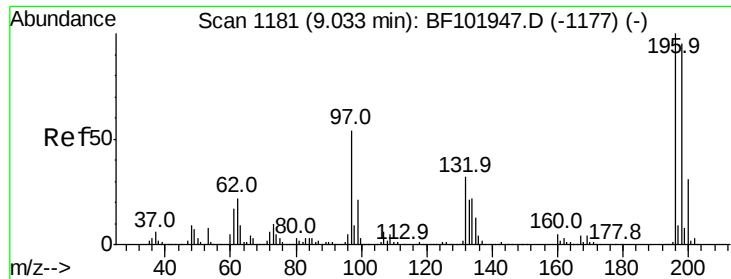
Sohil
 1/11/2018 10:52:36 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.283 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.8	75.7	113.5	
200	30.4	24.5	36.7	





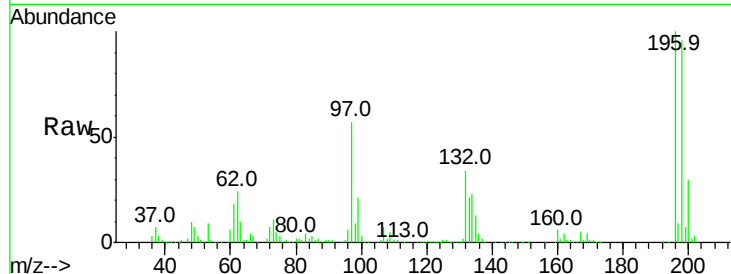
#43
 2,4,5-Trichlorophenol
 Concen: 39.884 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	356165		
198	95.9	74.6	112.0	
97	57.1	42.9	64.3	
132	33.9	26.3	39.5	

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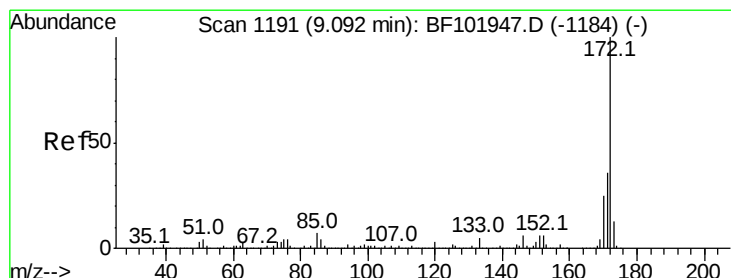
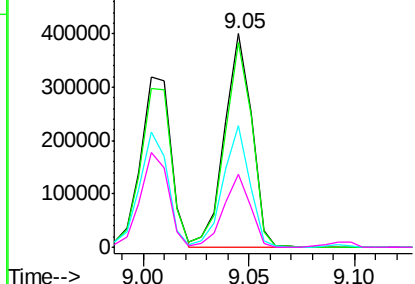
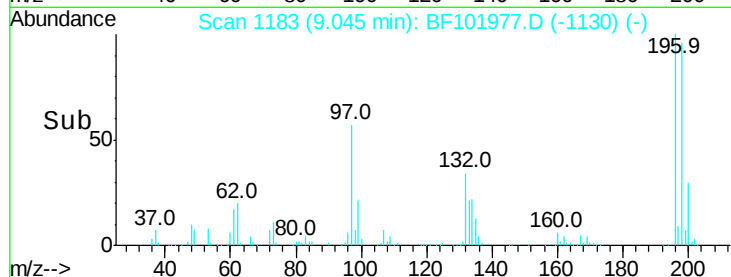
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

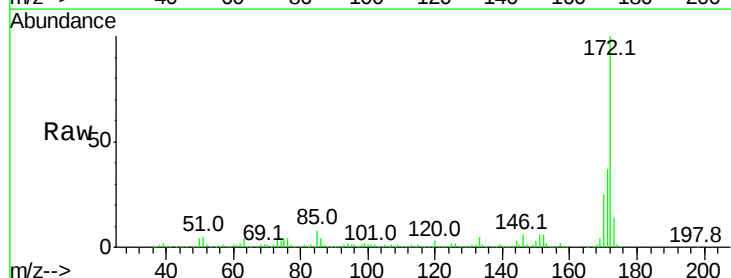
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.843 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1993378		
171	36.9	29.7	44.5	
170	25.0	19.6	29.4	

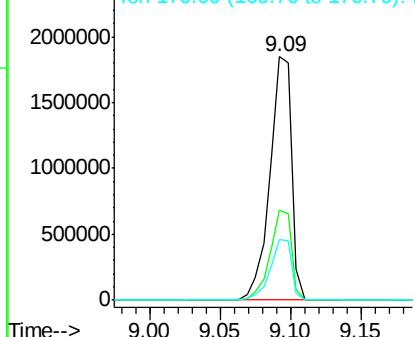
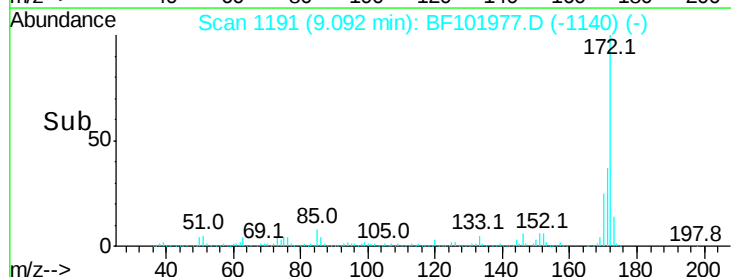


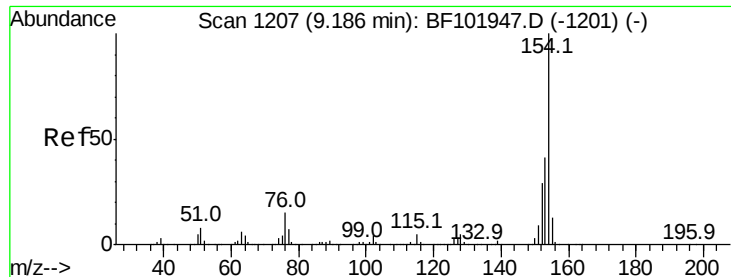
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.251 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1334390

Ion Ratio Lower Upper

154 100

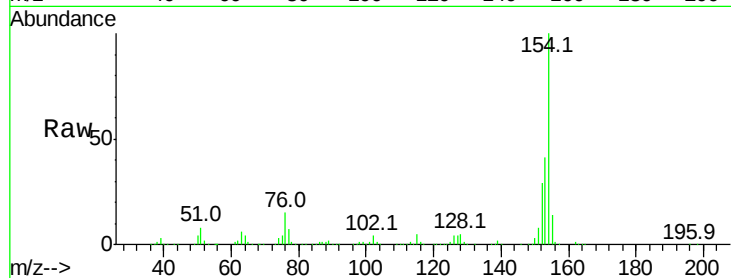
153 41.2 21.3 61.3

76 14.7 0.0 34.0

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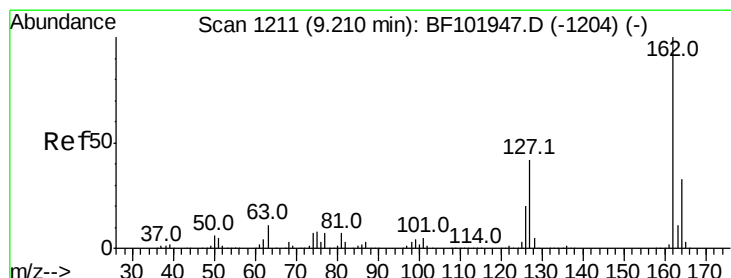
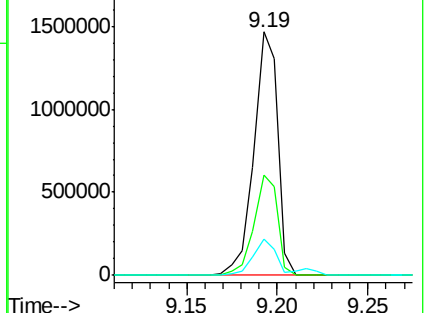
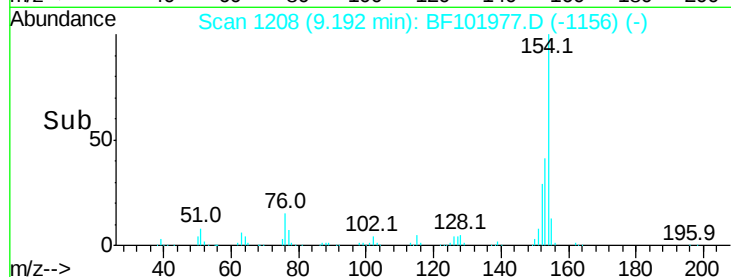
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.541 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

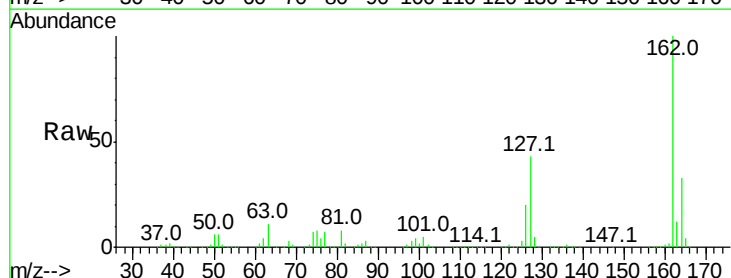
Tgt Ion:162 Resp: 1042813

Ion Ratio Lower Upper

162 100

127 42.8 33.9 50.9

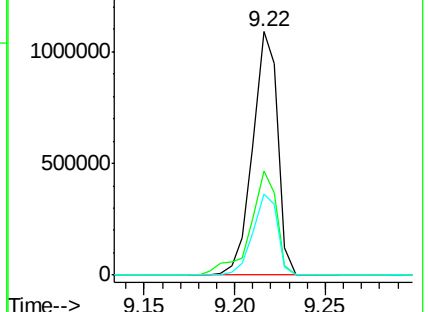
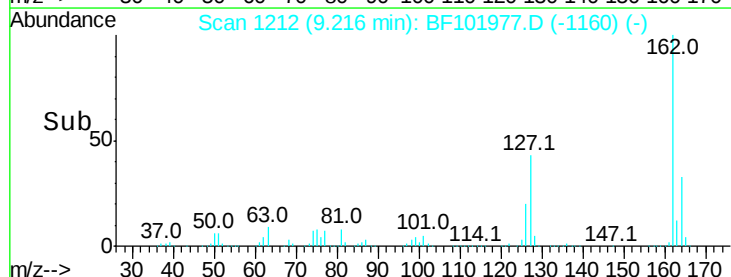
164 33.2 26.5 39.7

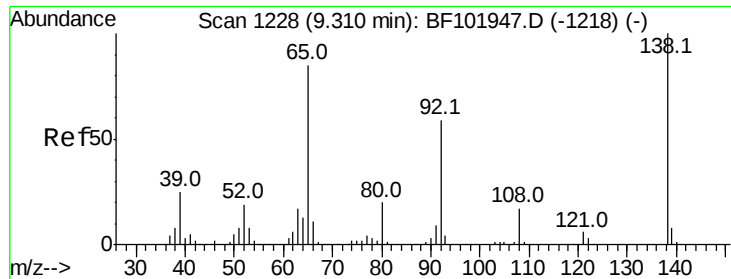


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





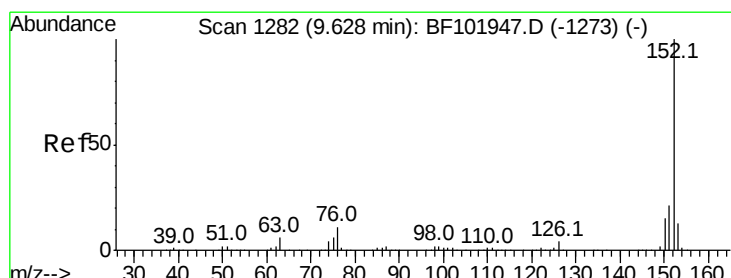
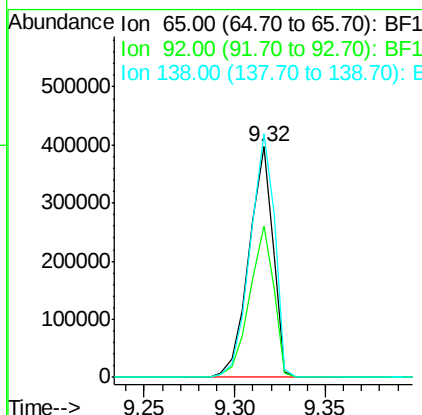
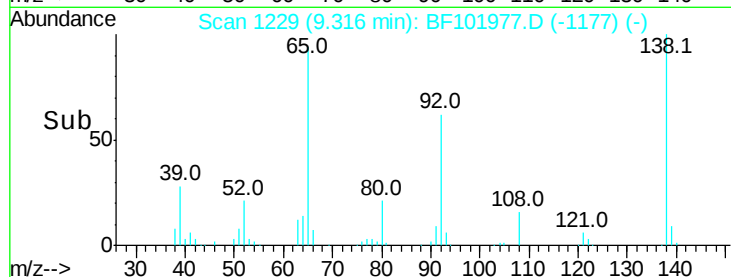
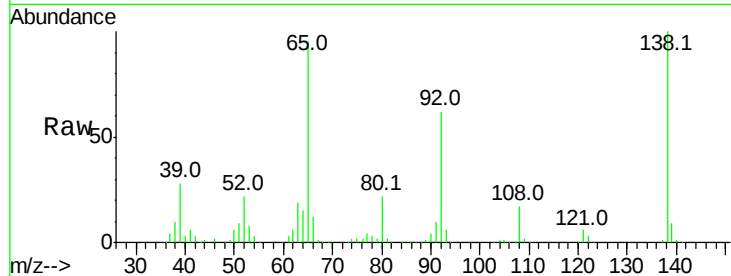
#47
 2-Nitroaniline
 Concen: 44.204 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	65	Resp:	367817
Ion Ratio	Lower	Upper	
65	100		
92	65.6	55.8	83.6
138	105.6	91.2	136.8

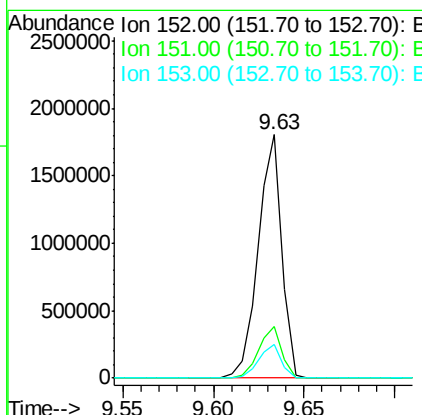
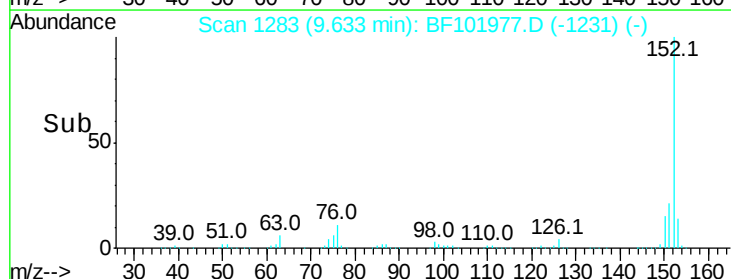
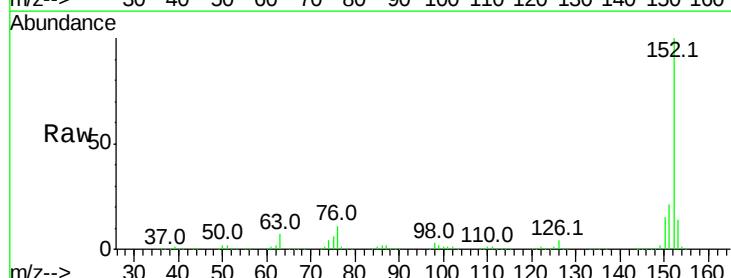
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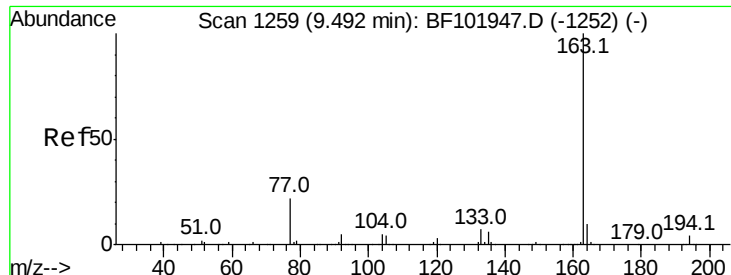
Sohil
 1/11/2018 10:52:36 AM



#48
 Acenaphthylene
 Concen: 36.950 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Tgt Ion:	152	Resp:	1628892
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.3	24.5
153	13.7	10.7	16.1





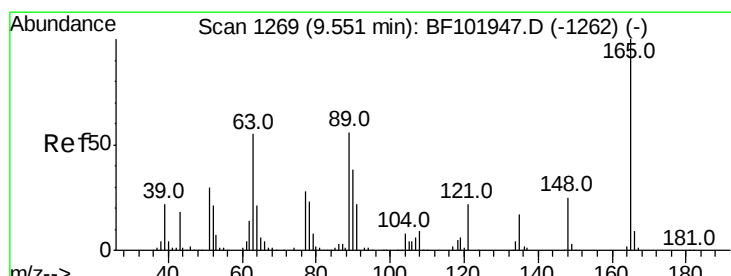
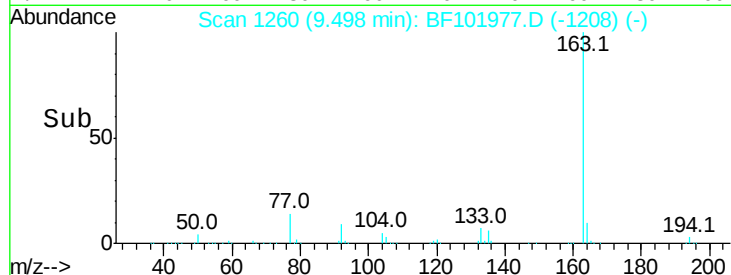
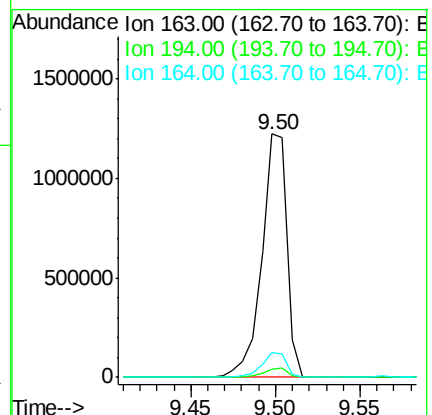
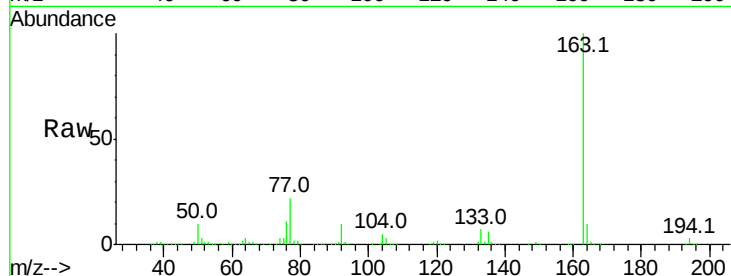
#49
Dimethylphthalate
Concen: 38.810 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2

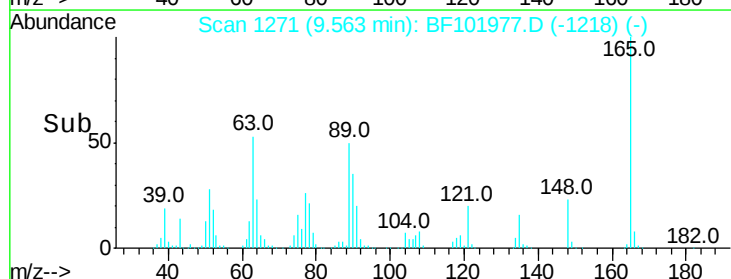
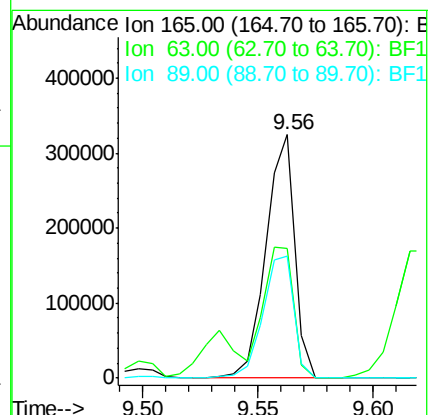
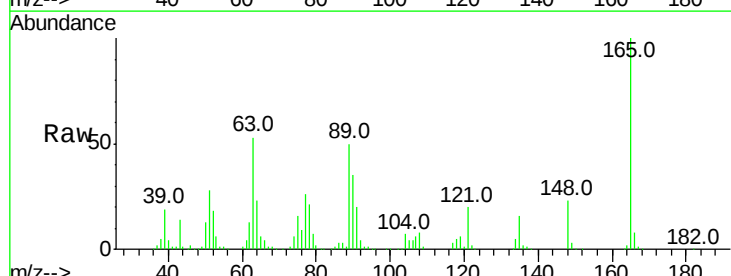
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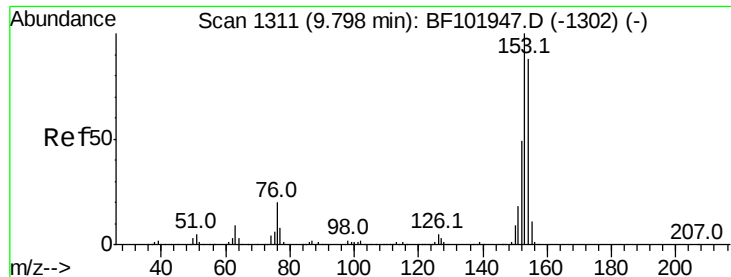
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#50
2,6-Dinitrotoluene
Concen: 43.341 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.2	44.7	67.1
89	50.3	44.0	66.0





#51

Acenaphthene

Concen: 35.805 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

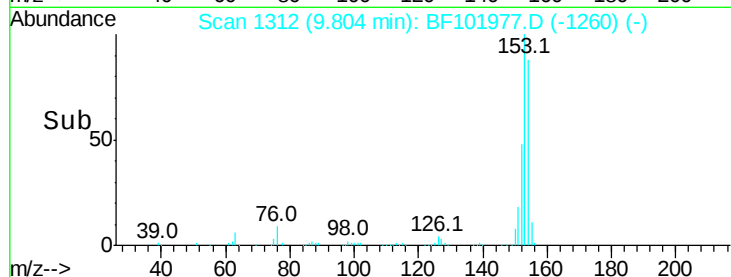
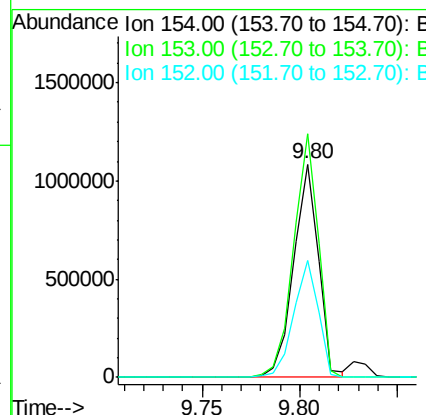
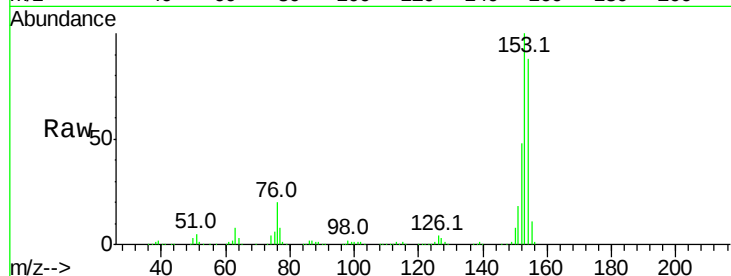
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	958016
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.2	136.8
152	54.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 42.286 ng

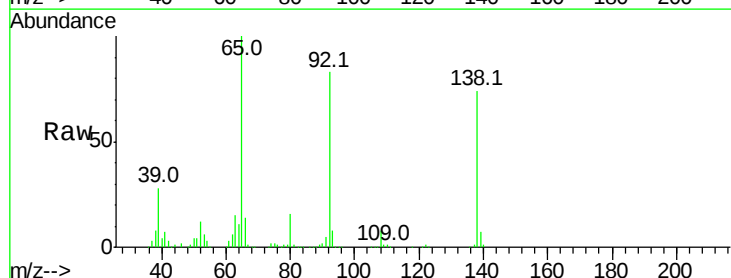
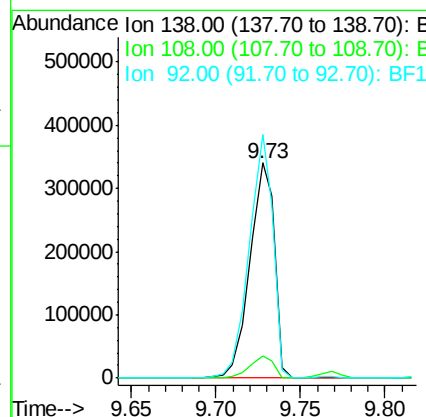
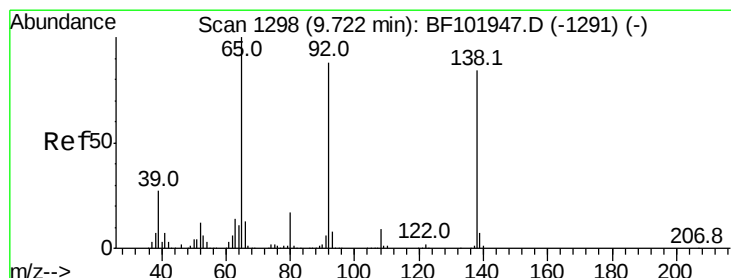
RT: 9.73 min Scan# 1299

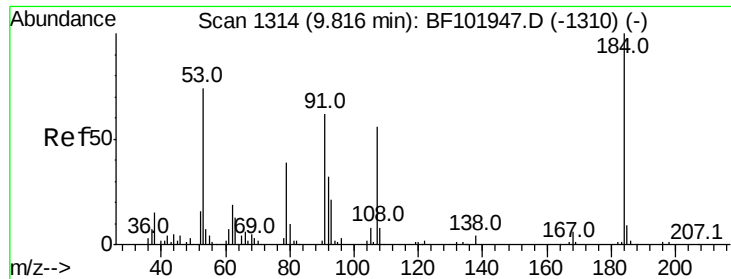
Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion:	138	Resp:	346577
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	113.2	89.4	134.2





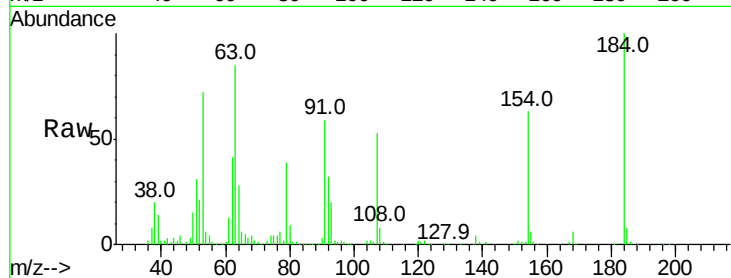
#53
2,4-Dinitrophenol
Concen: 48.329 ng/ml
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

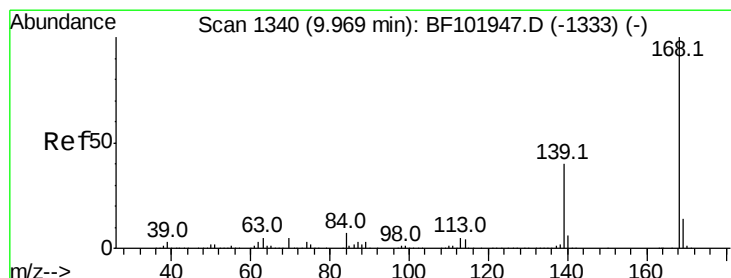
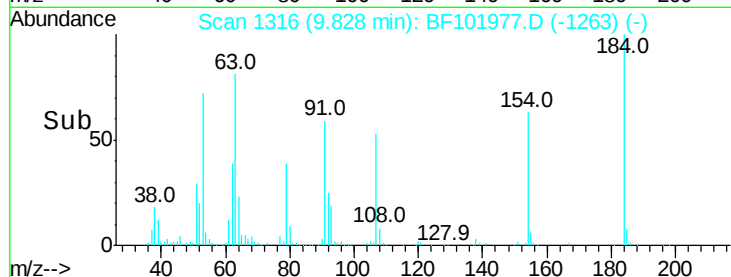
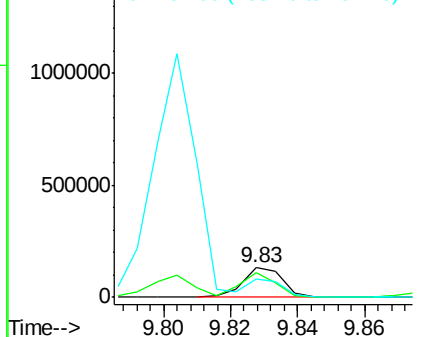
Tot Ion:184 Resp: 110404
Ion Ratio Lower Upper
184 100
63 85.1 54.2 81.2#
154 63.2 184.0 276.0#

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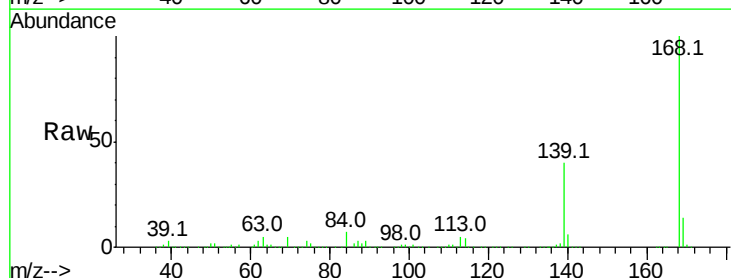


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

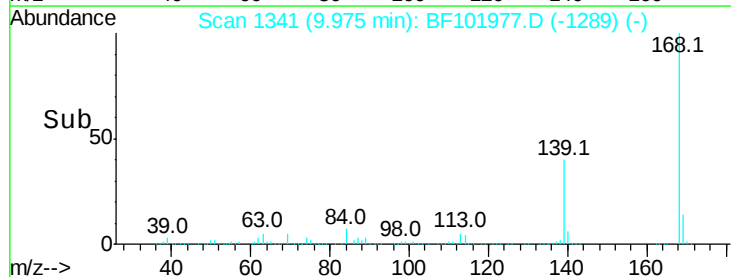
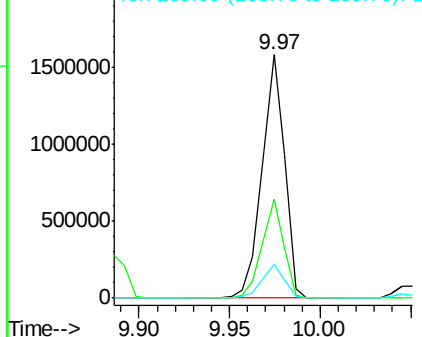


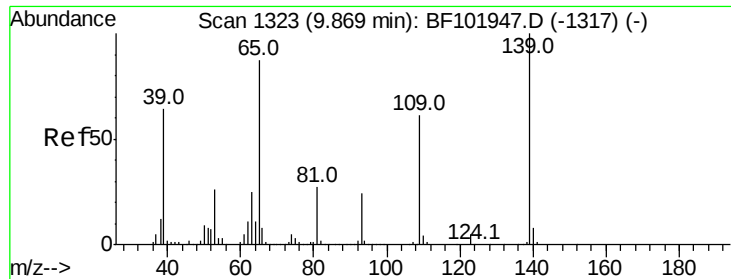
#54
Dibenzofuran
Concen: 37.183 ng/ml
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion:168 Resp: 1365448
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.126 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

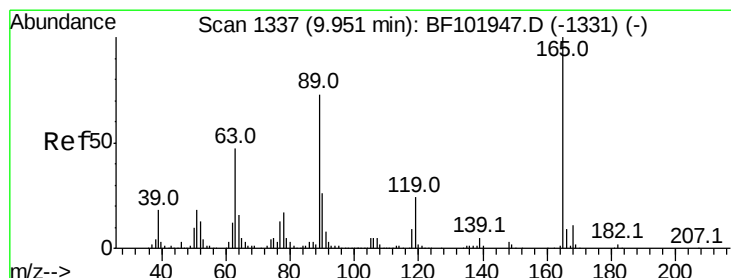
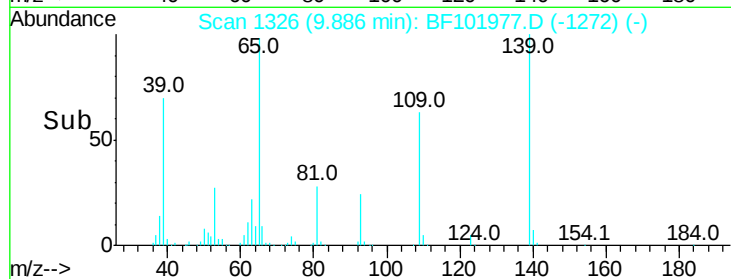
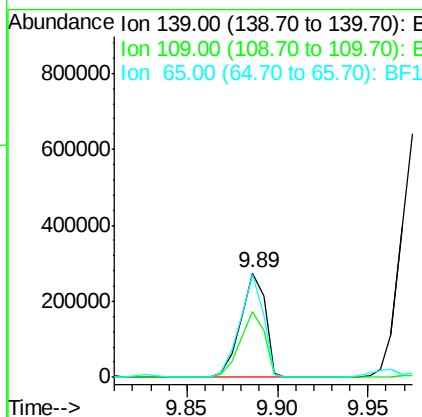
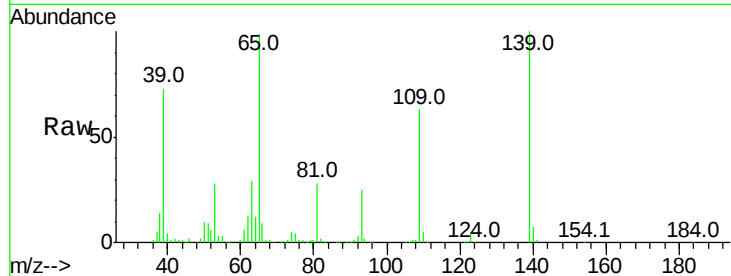
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	263411
Ion Ratio	Lower	Upper	
139	100		
109	63.0	48.4	88.4
65	98.9	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 43.798 ng

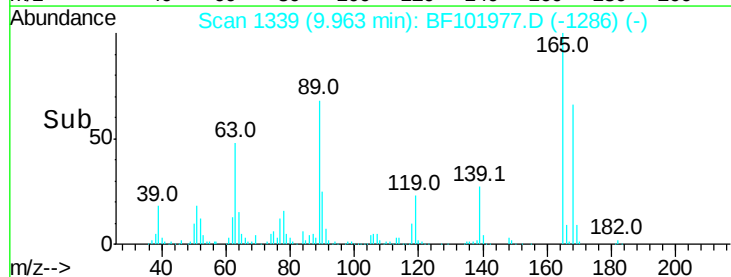
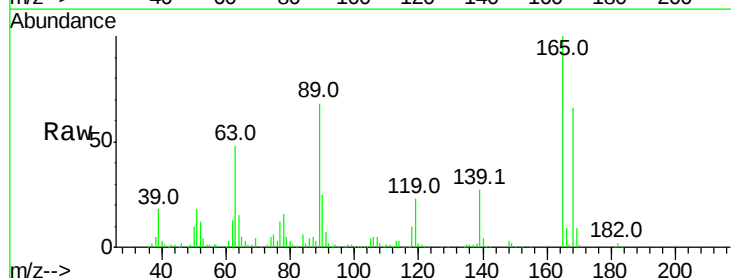
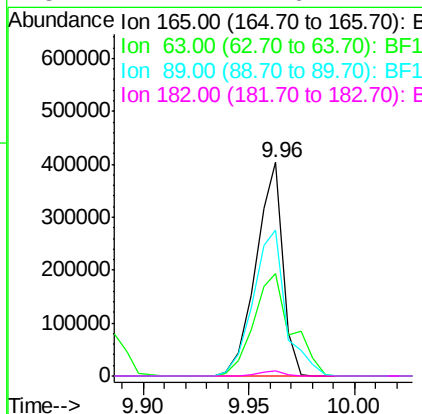
RT: 9.96 min Scan# 1339

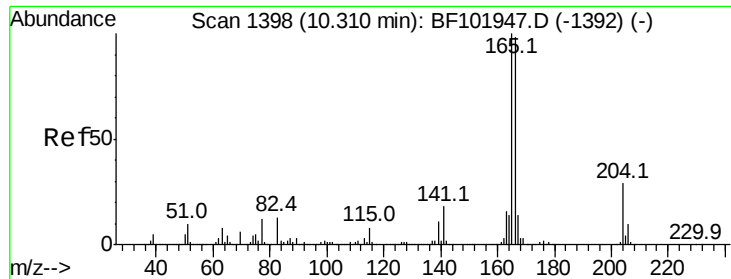
Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion:	165	Resp:	356496
Ion Ratio	Lower	Upper	
165	100		
63	48.2	36.4	54.6
89	68.5	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 39.499 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 1002706

Ion Ratio Lower Upper

166 100

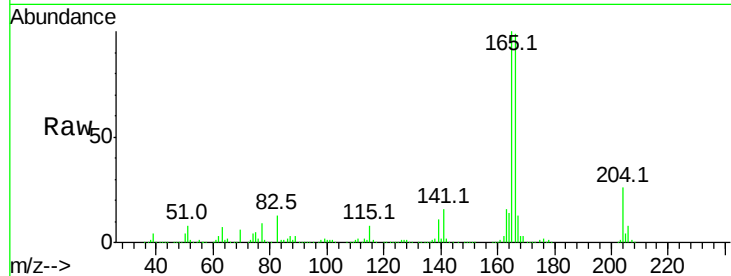
165 101.0 79.8 119.8

167 13.3 10.6 16.0

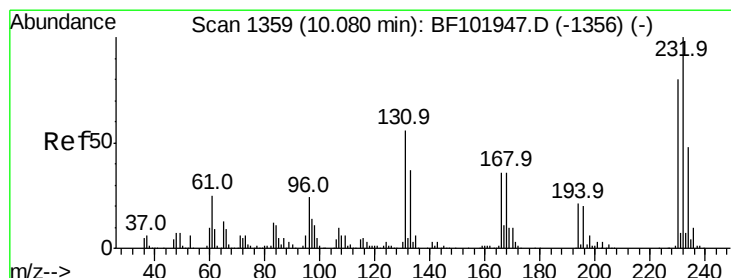
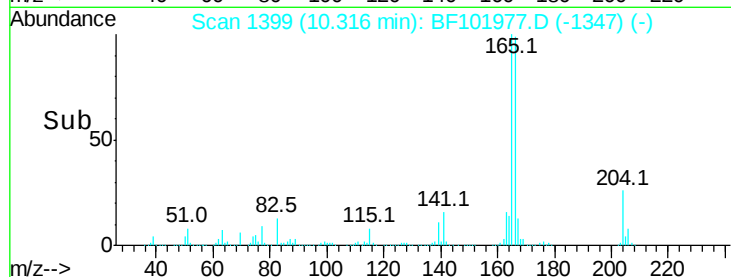
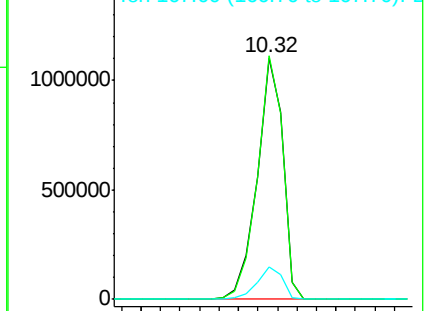
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.057 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion:232 Resp: 248306

Ion Ratio Lower Upper

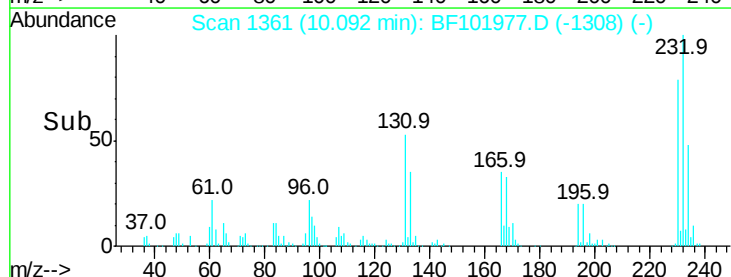
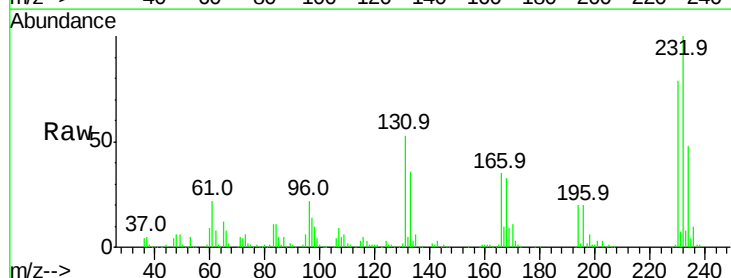
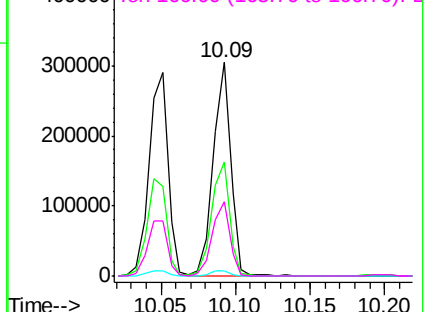
232 100

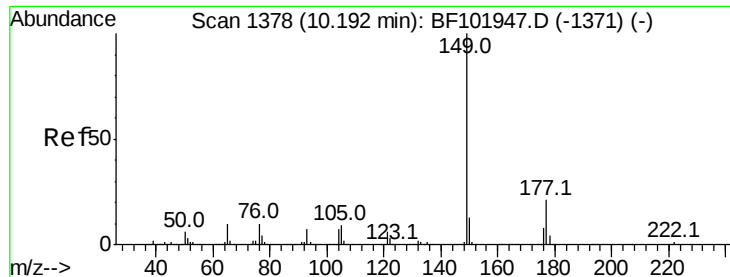
131 54.9 43.8 65.8

130 2.6 2.1 3.1

166 35.1 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





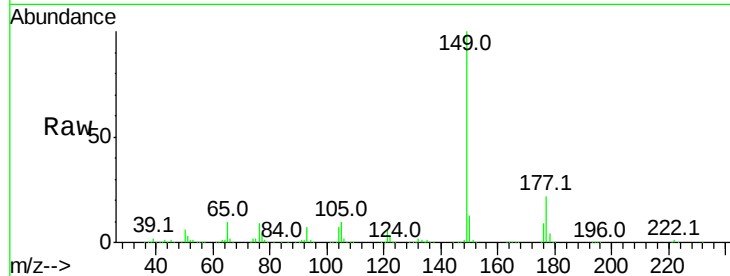
#59
Diethylphthalate
Concen: 37.432 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

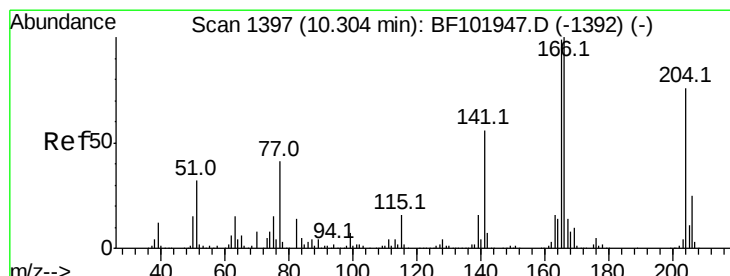
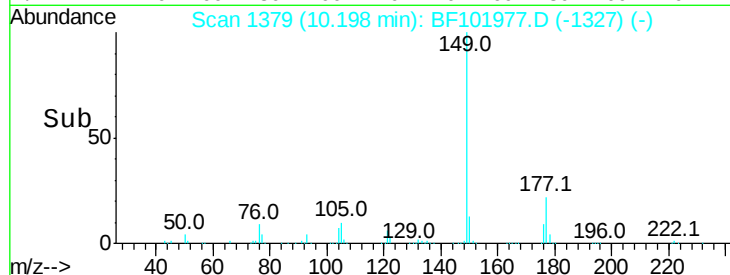
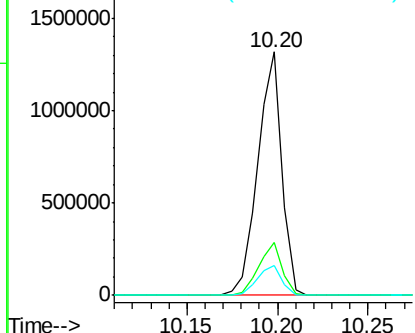
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.5	10.1	15.1

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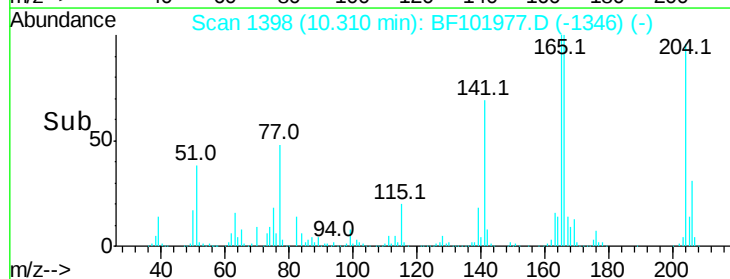
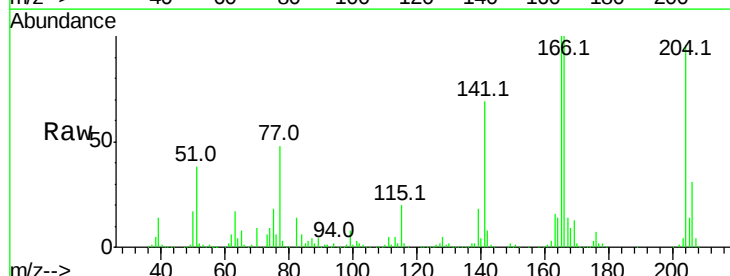
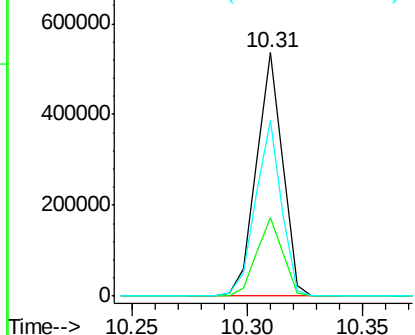
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

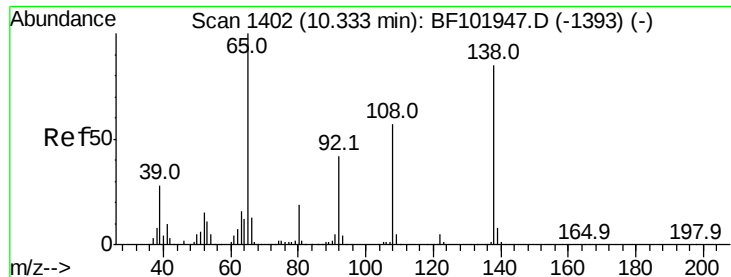


#60
4-Chlorophenyl-phenylether
Concen: 39.376 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	72.1	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





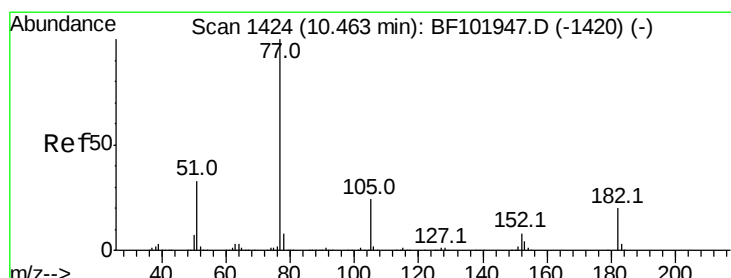
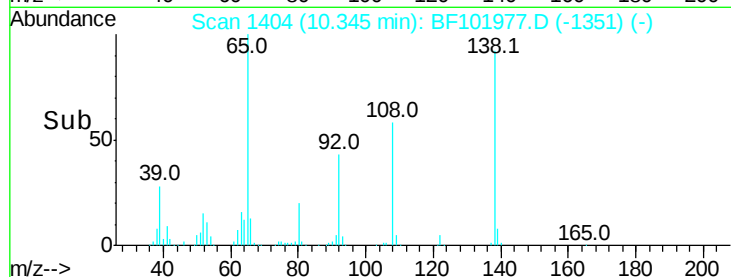
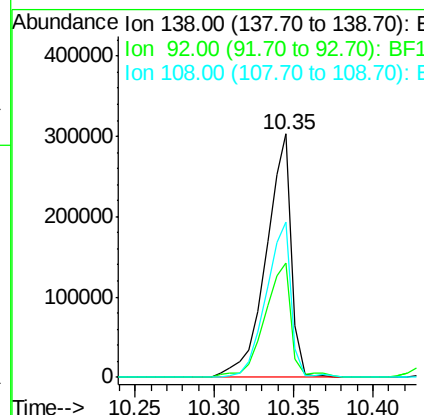
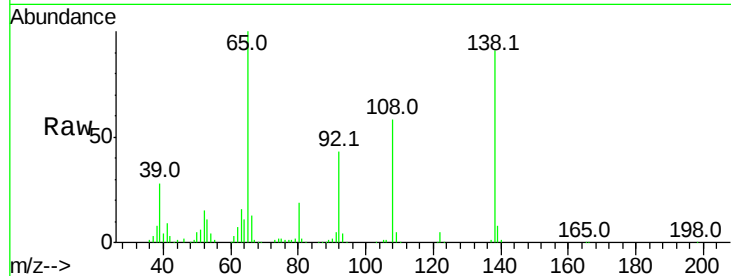
#61
4-Nitroaniline
Concen: 43.235 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	63.5	52.5	92.5

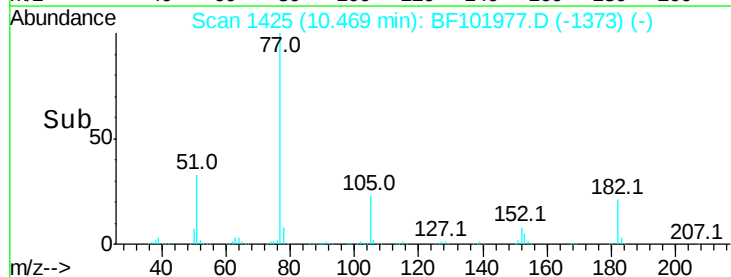
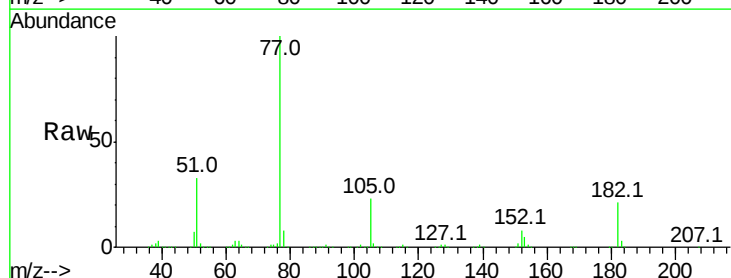
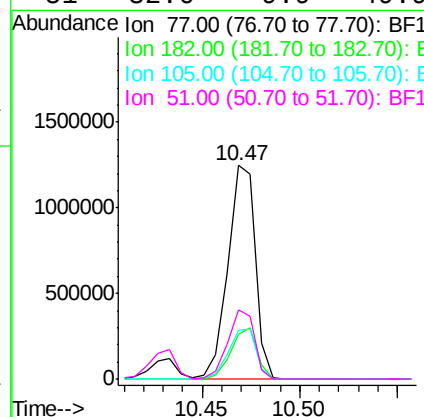
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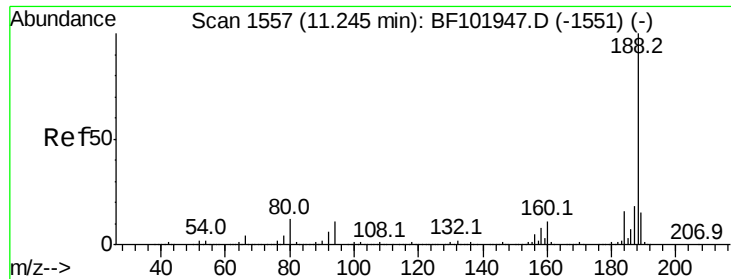
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#62
Azobenzene
Concen: 37.698 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	1.7	41.7
105	23.0	3.0	43.0
51	32.6	9.9	49.9





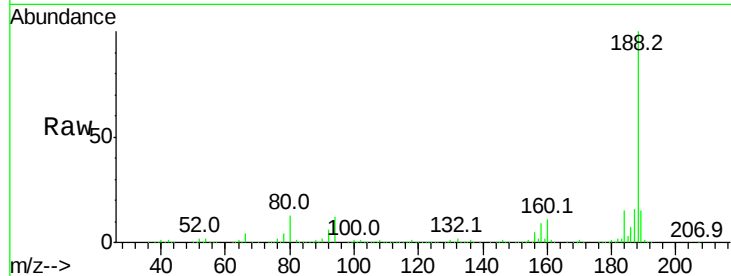
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7		8.5	12.7
80	12.9		9.2	13.8

Manual Integrations
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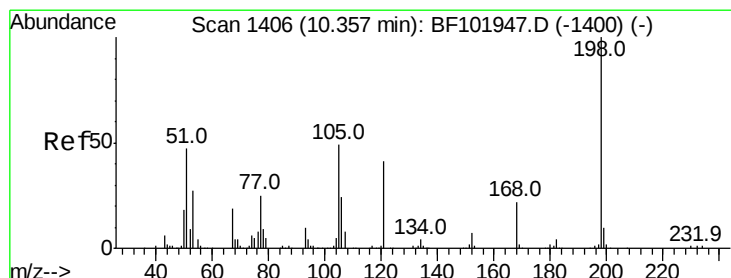
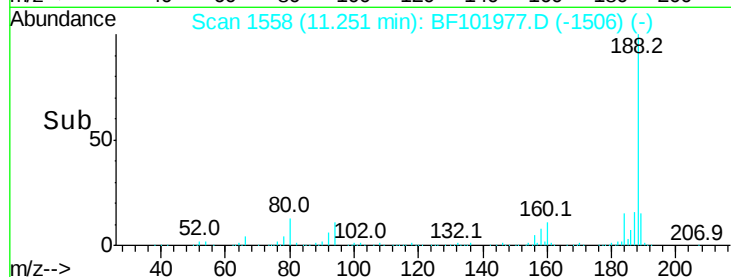
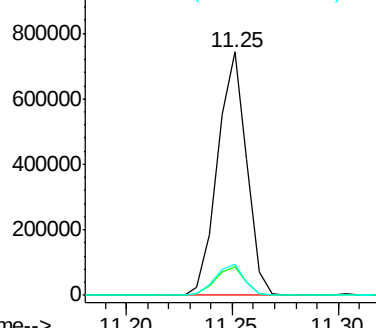
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

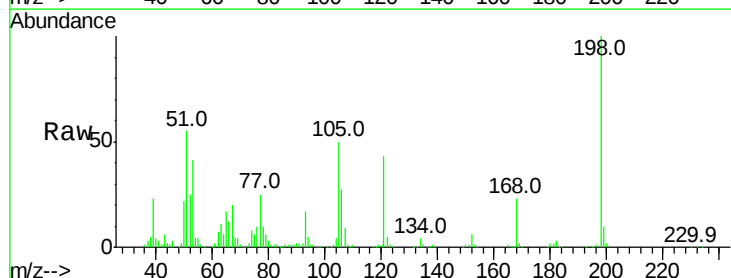
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 46.907 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

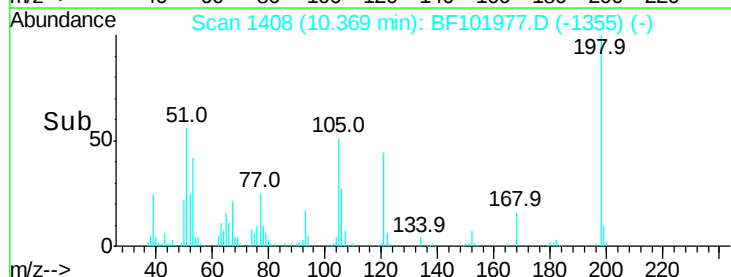
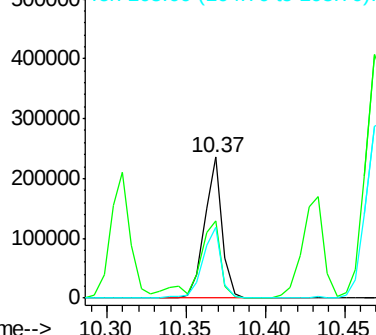
Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	54.7		37.7	77.7
105	49.9		36.3	76.3

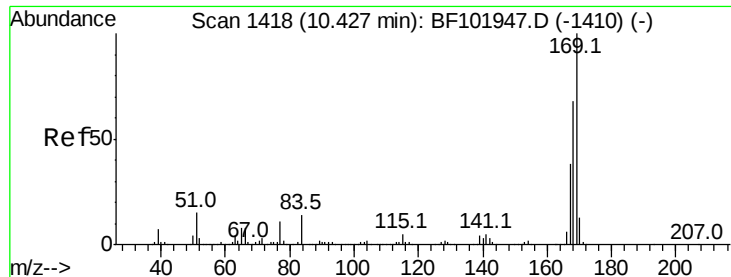


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





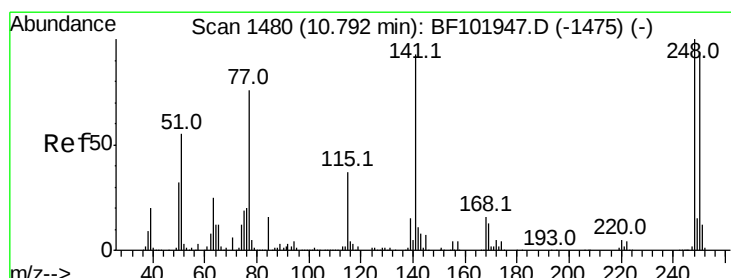
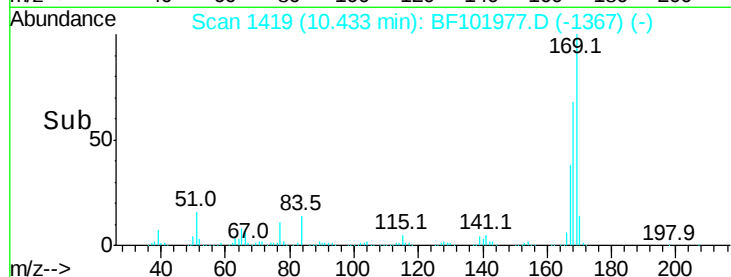
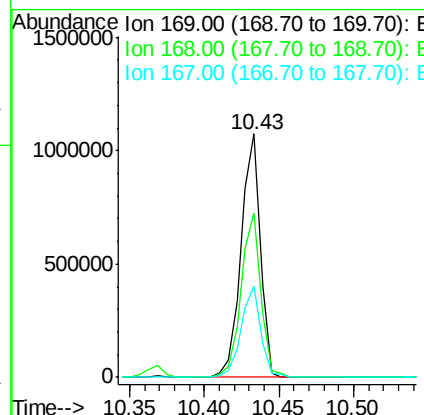
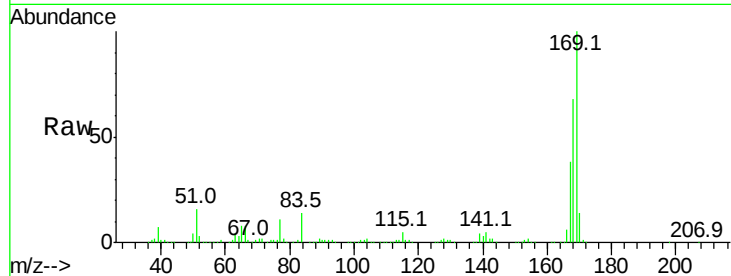
#65
n-Nitrosodiphenylamine
Concen: 36.739 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	973422		
168	67.6		54.4	81.6
167	37.5		29.8	44.6

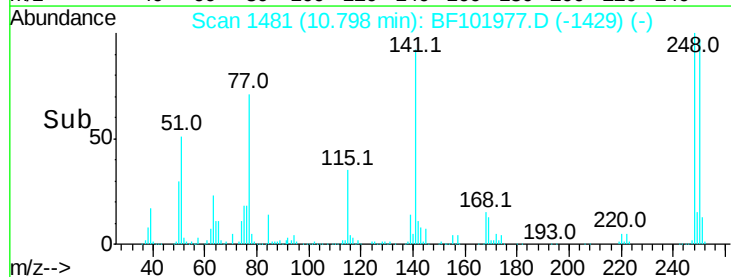
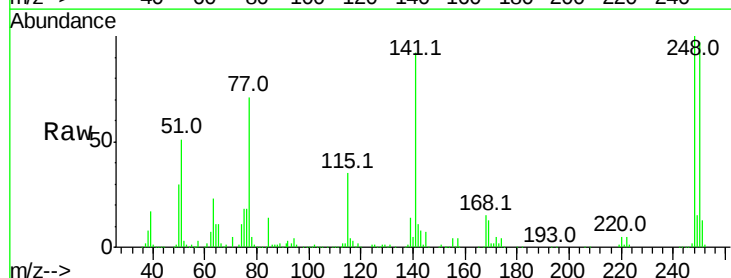
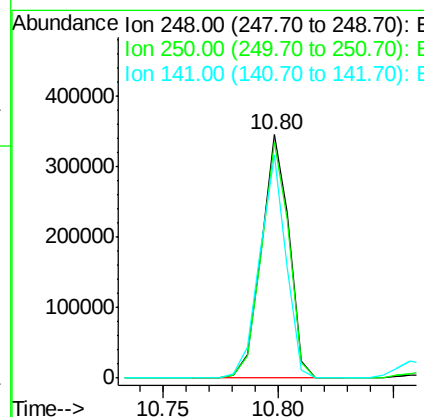
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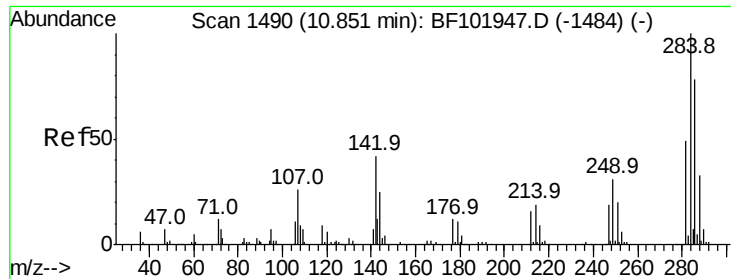
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#66
4-Bromophenyl-phenylether
Concen: 38.462 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	287398		
250	97.1		76.9	115.3
141	91.7		74.4	111.6





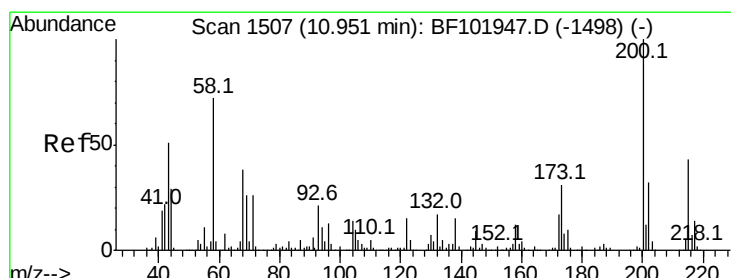
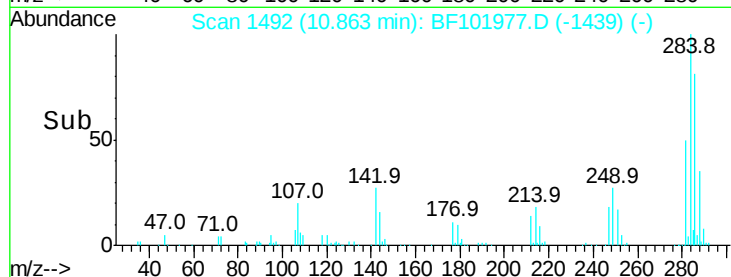
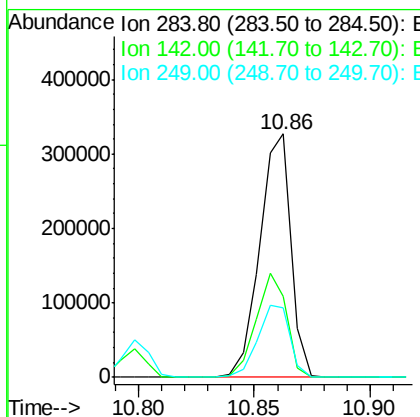
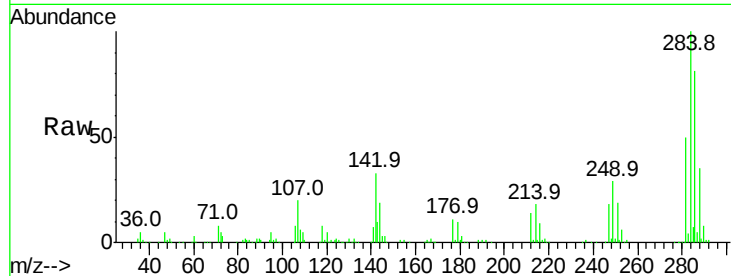
#67
Hexachlorobenzene
Concen: 37.687 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.5	34.6	52.0	
249	28.7	24.8	37.2	

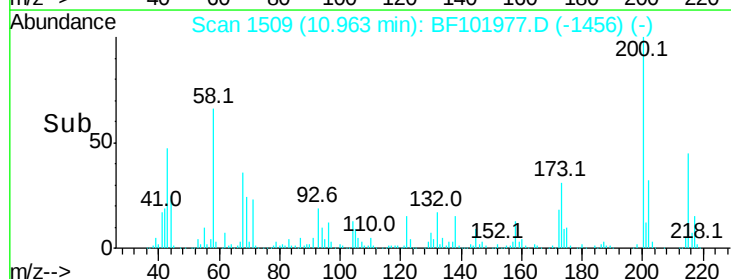
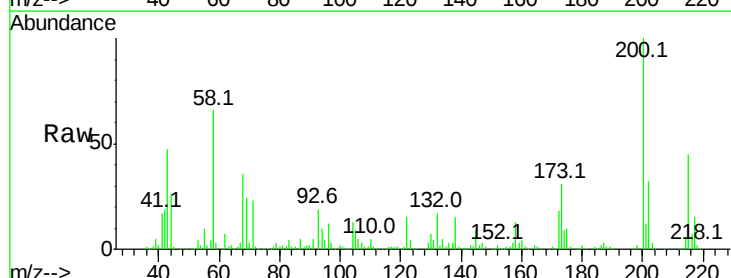
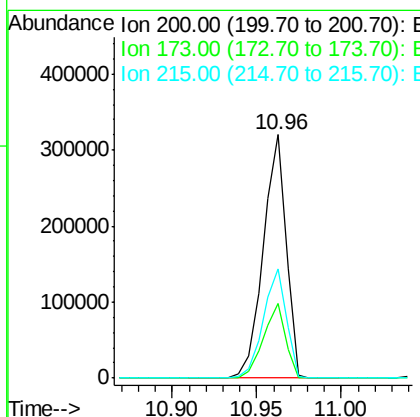
Manual Integrations
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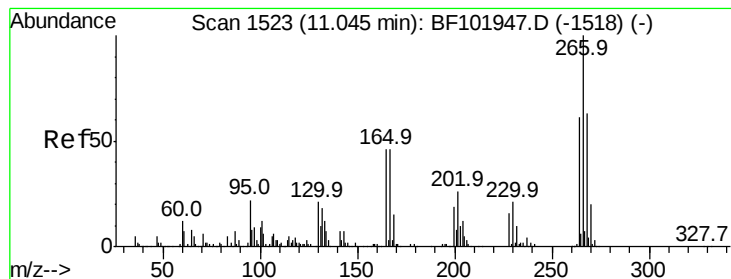
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#68
Atrazine
Concen: 39.309 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.8	8.6	48.6	
215	45.1	25.1	65.1	





#69

Pentachlorophenol

Concen: 38.146 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

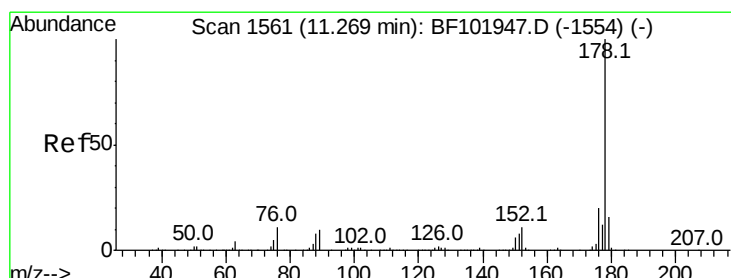
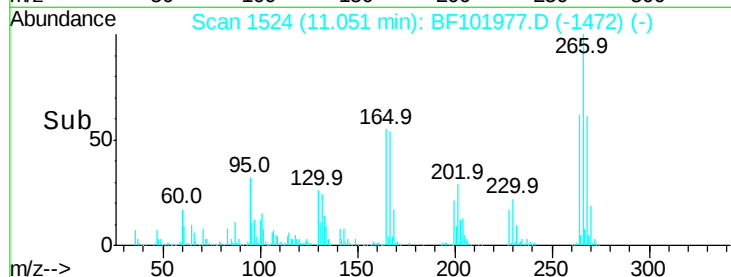
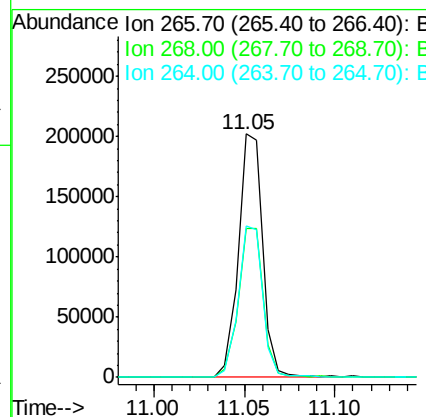
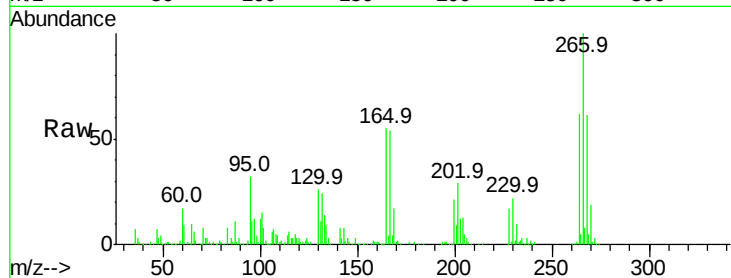
ClientSampled :

SSTDCCC040

Tot Ion:	266	Resp:	189749
Ion Ratio	Lower	Upper	
266	100		
268	61.3	51.1	76.7
264	62.2	49.5	74.3

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#70

Phenanthrene

Concen: 36.926 ng

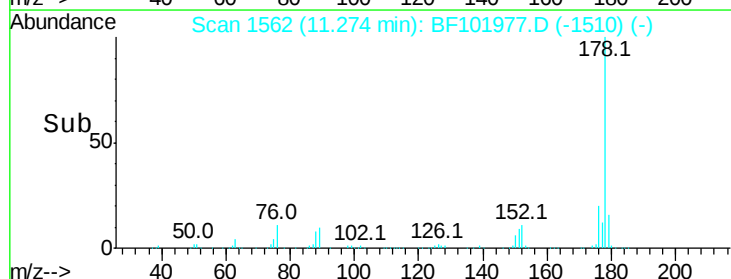
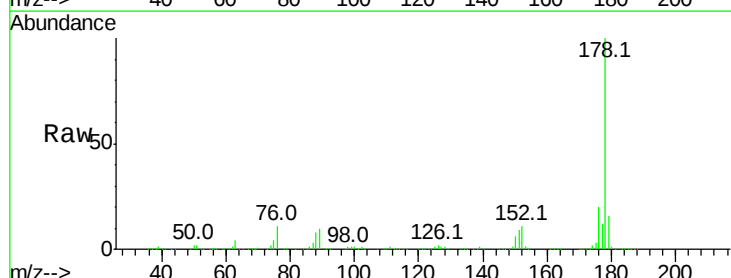
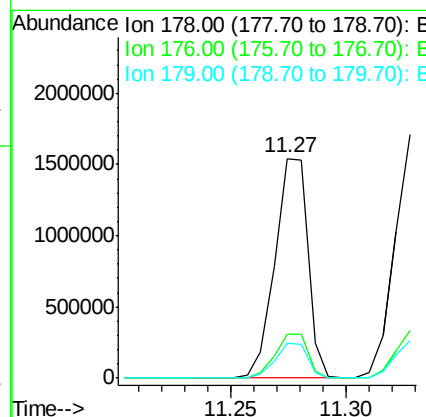
RT: 11.27 min Scan# 1562

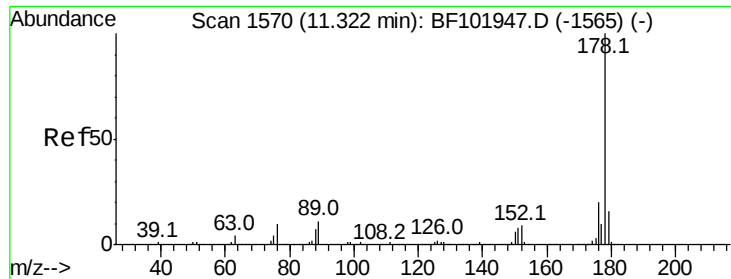
Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion:	178	Resp:	1526191
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6





#71

Anthracene

Concen: 37.228 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1560522

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

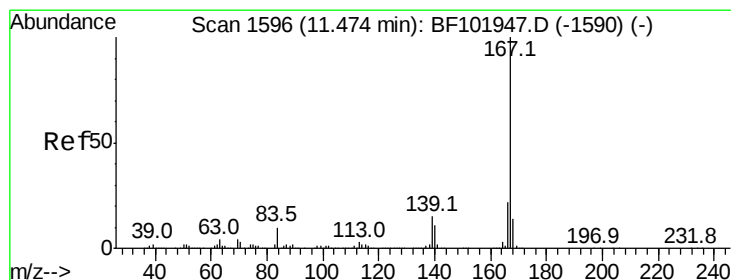
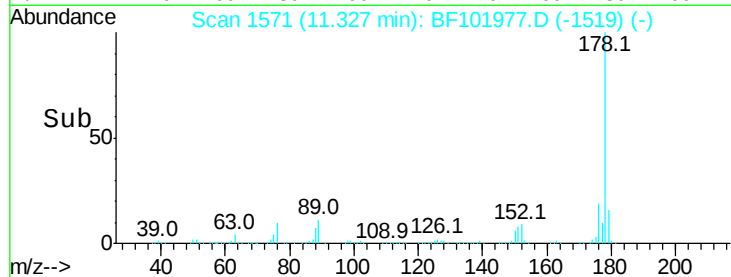
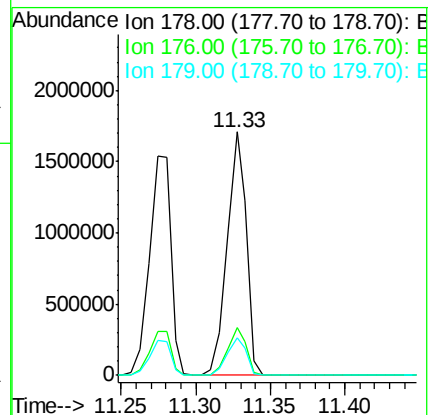
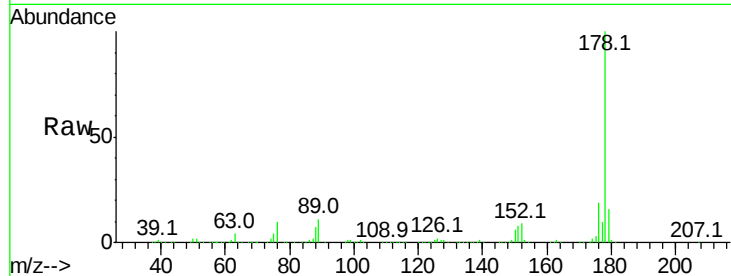
179 15.6 12.6 19.0

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#72

Carbazole

Concen: 37.566 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

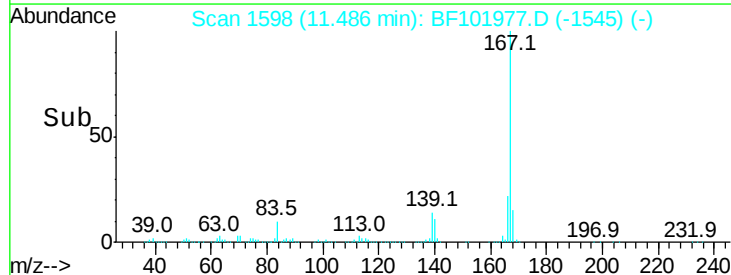
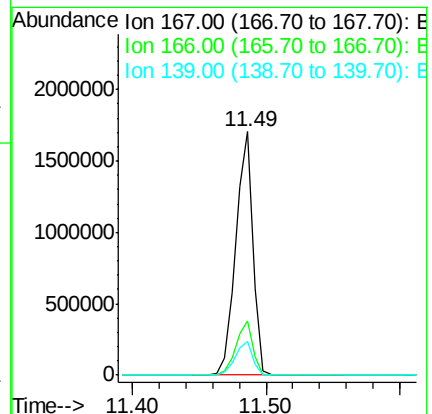
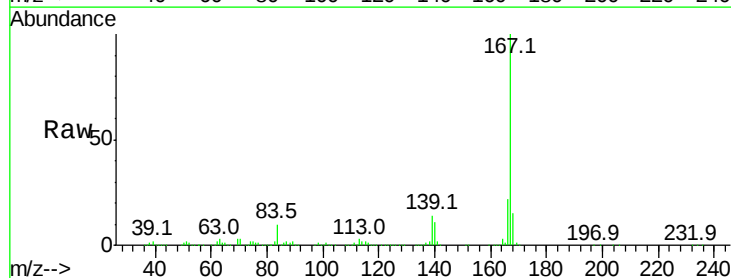
Tgt Ion:167 Resp: 1547776

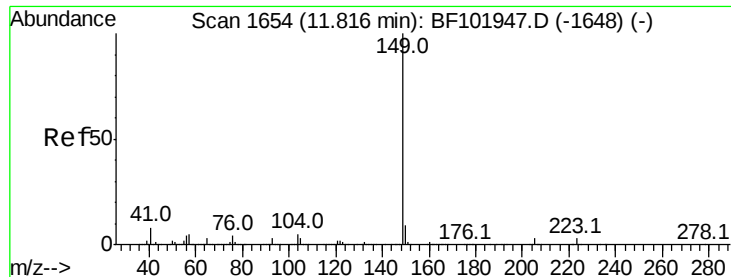
Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.257 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 1883254

Ion Ratio Lower Upper

149 100

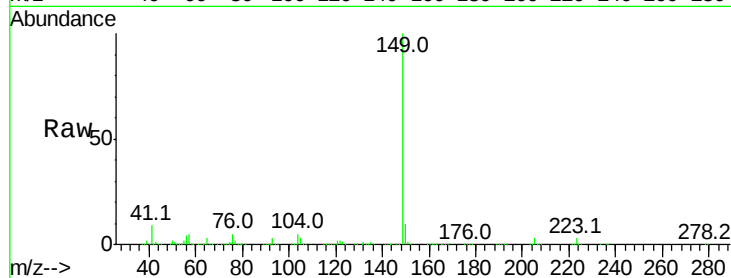
150 9.7 7.8 11.6

104 5.2 3.8 5.8

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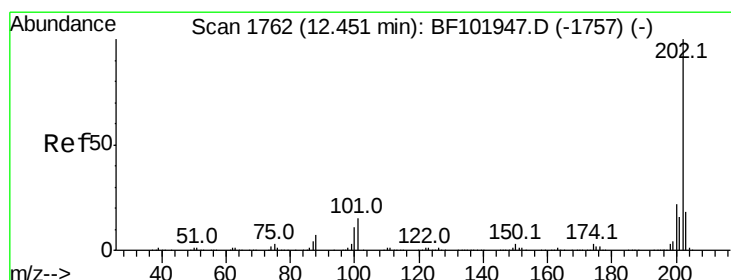
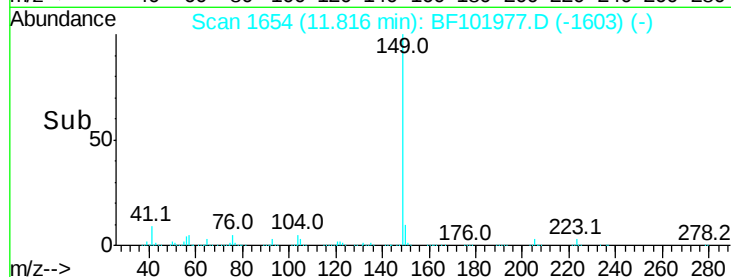
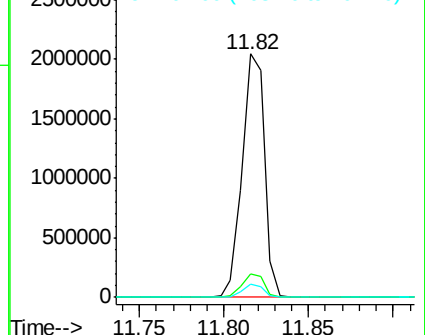
1/11/2018 10:52:36 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.913 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

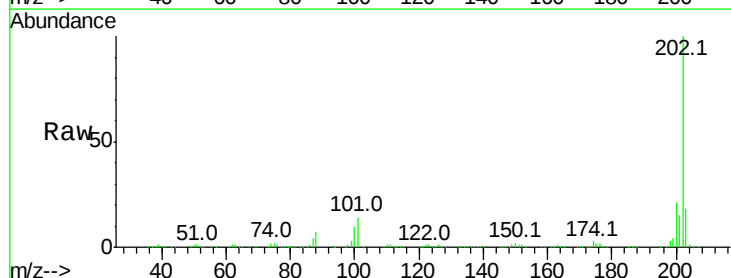
Tgt Ion:202 Resp: 1541727

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

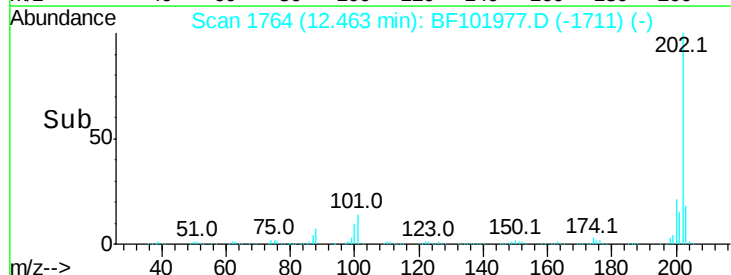
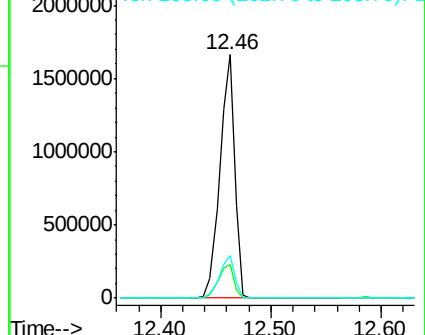
203 17.5 0.0 38.1

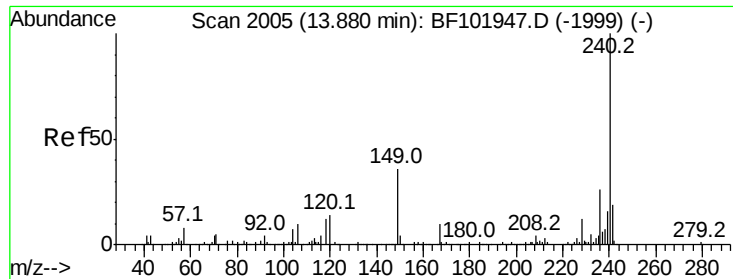


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

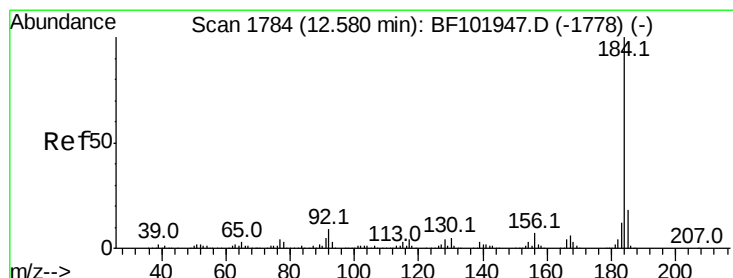
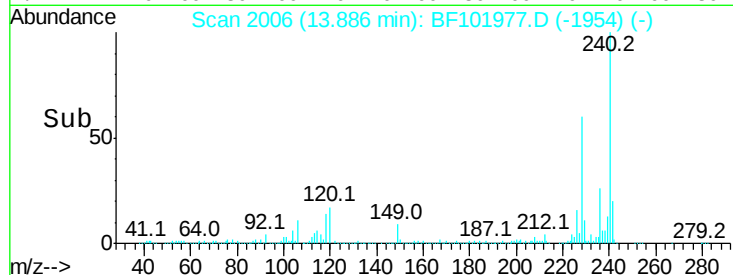
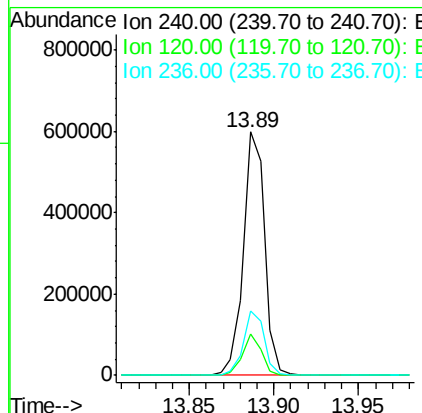
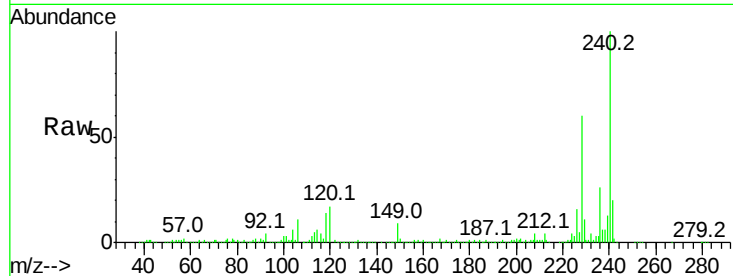
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.0	9.5	14.3#
236	26.2	20.7	31.1

Manual Integrations
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1/11/2018 10:52:36 AM



#76

Benzidine

Concen: 34.796 ng

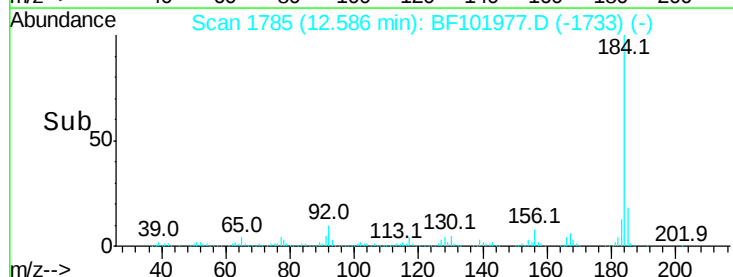
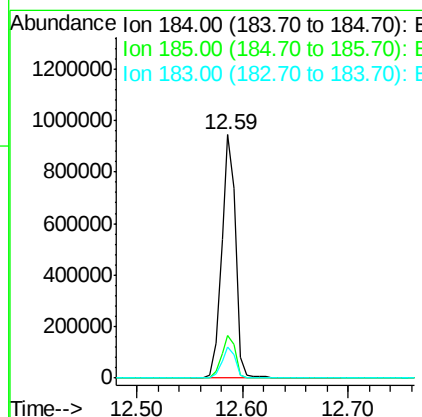
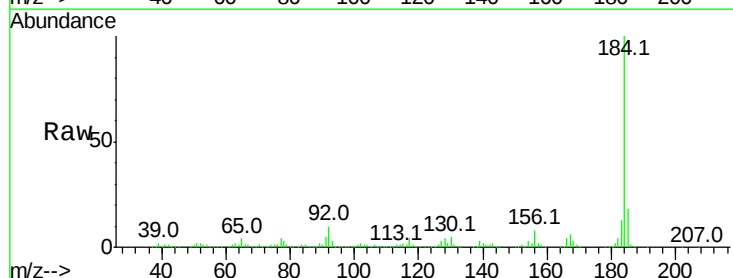
RT: 12.59 min Scan# 1785

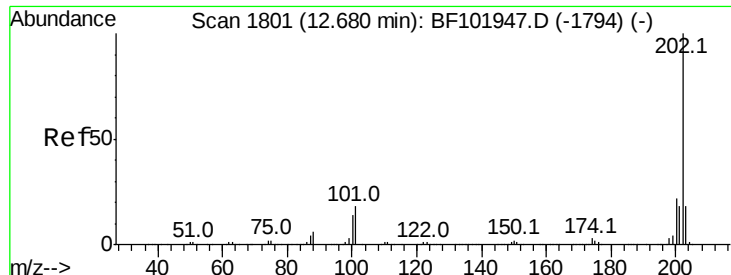
Delta R.T. 0.01 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.6	18.8
183	12.7	9.3	13.9





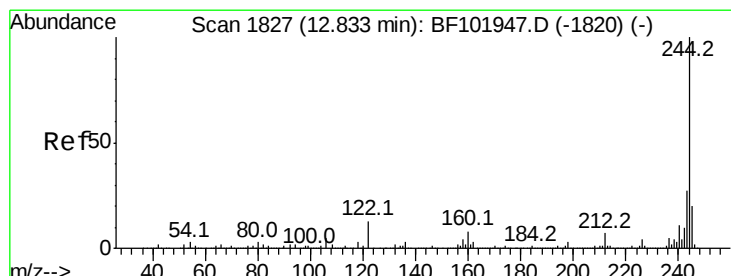
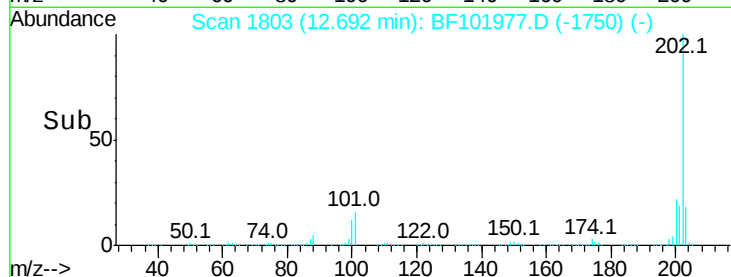
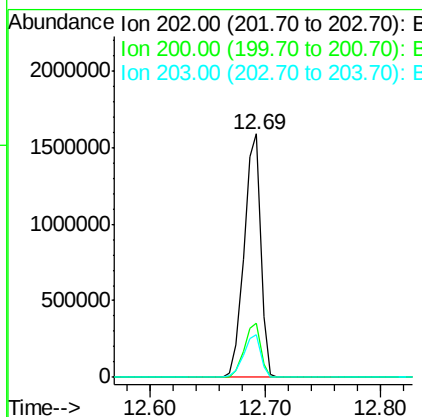
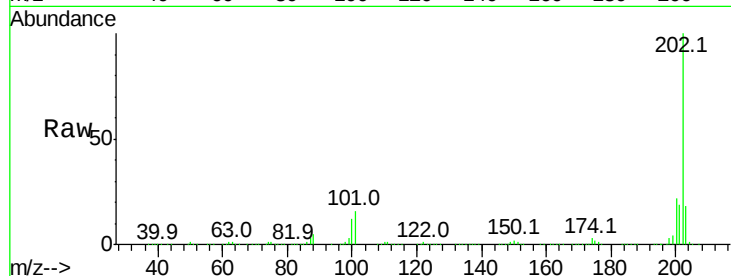
#77
Pvrene
Concen: 33.852 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1575267
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.5 14.3 21.5

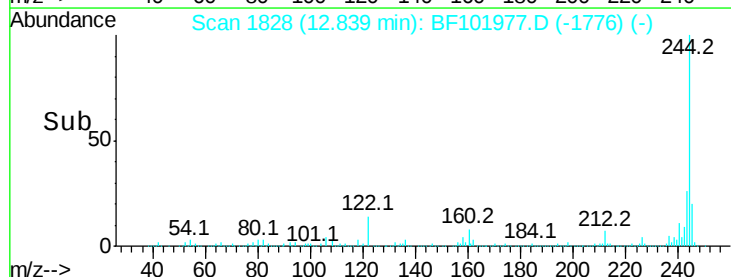
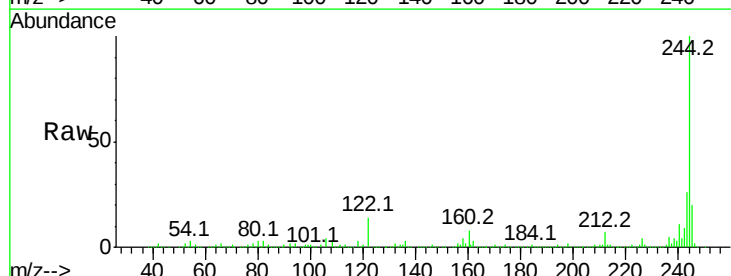
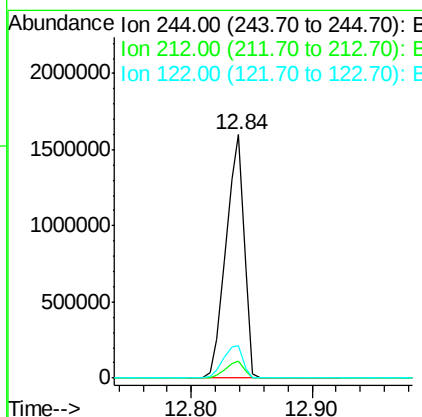
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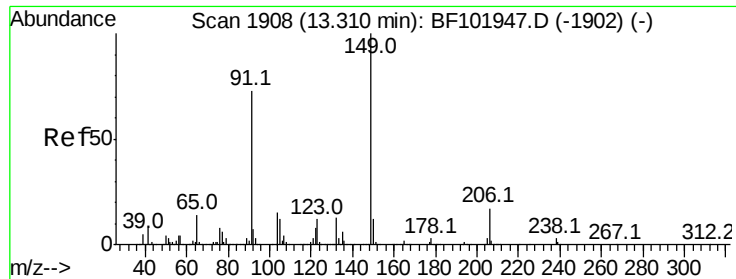
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#78
Terphenyl-d14
Concen: 65.762 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion:244 Resp: 1667438
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 13.5 11.0 16.4





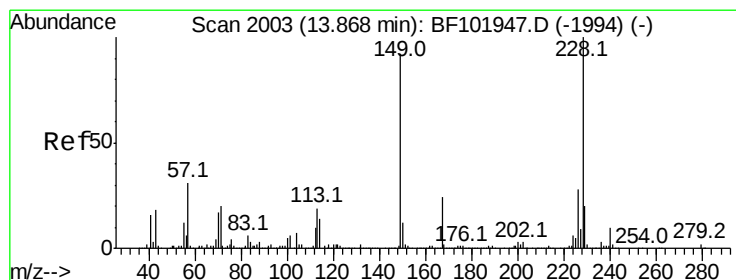
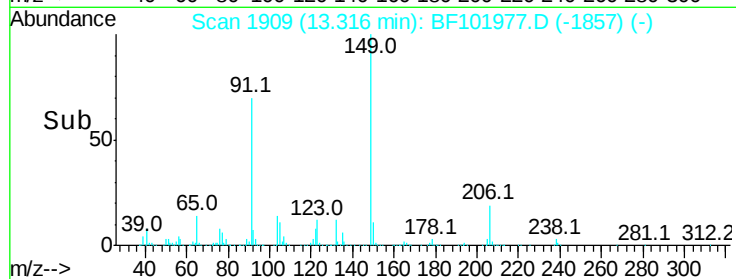
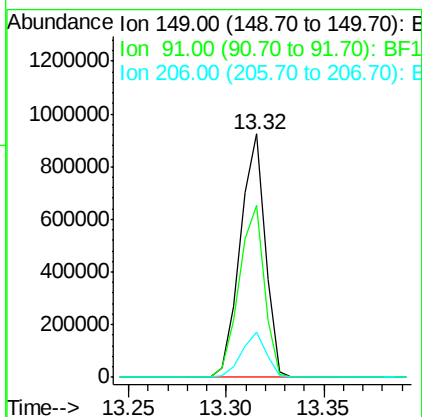
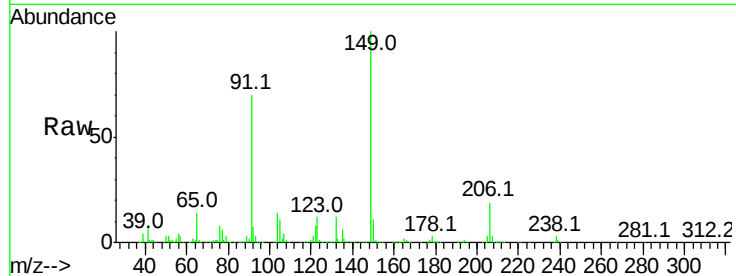
#79
Butylbenzylphthalate
Concen: 38.488 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.8	85.2
206	18.6	14.1	21.1

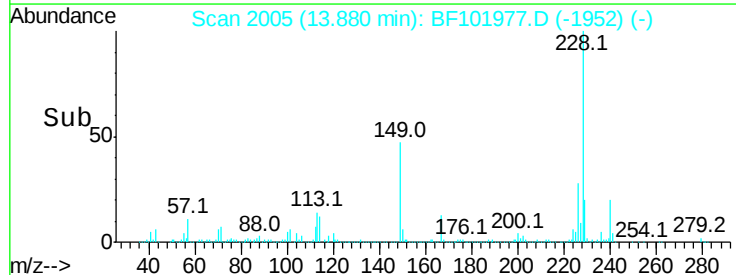
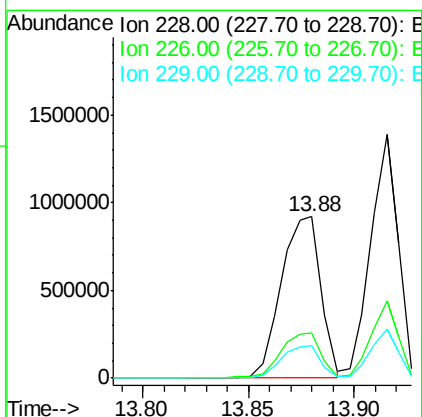
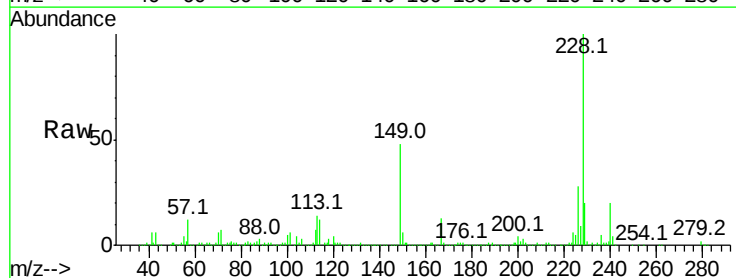
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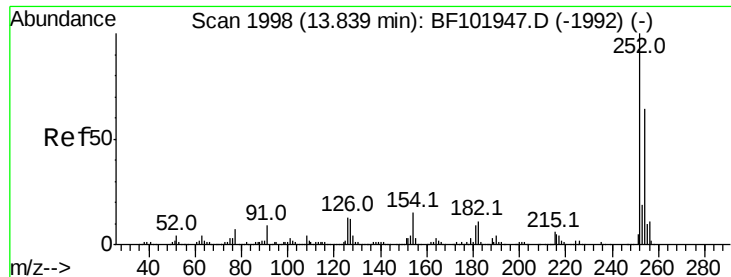
Sohil
1/11/2018 10:52:36 AM



#80
Benzo(a)anthracene
Concen: 35.637 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.8	15.8	23.6





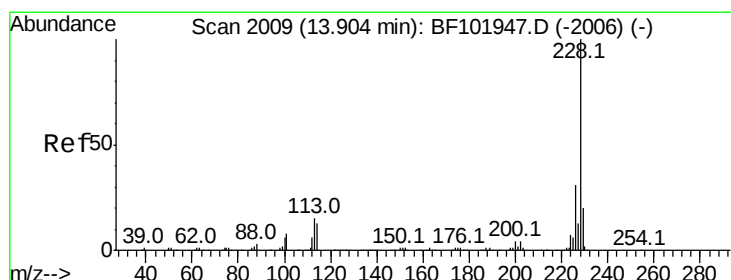
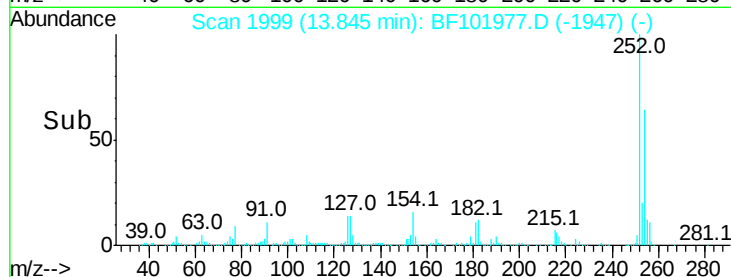
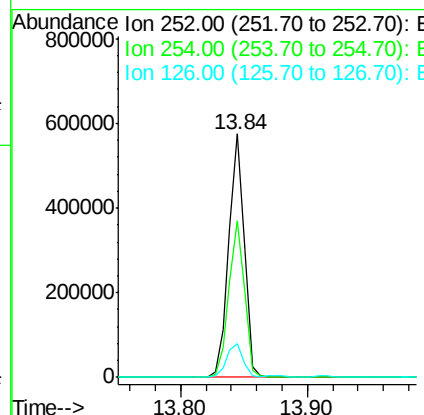
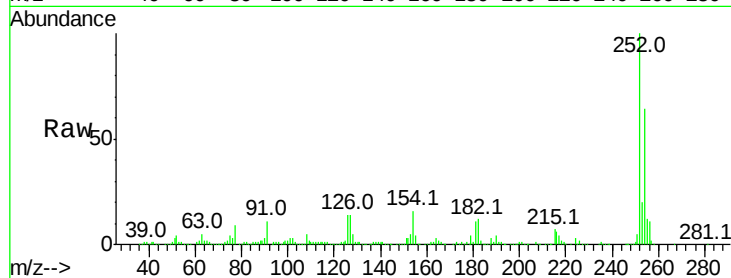
#81
 3,3'-Dichlorobenzidine
 Concen: 39.660 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	493238		
254	64.4	50.4	75.6	
126	14.1	11.3	16.9	

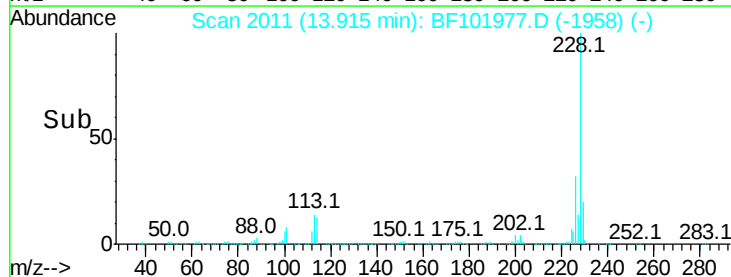
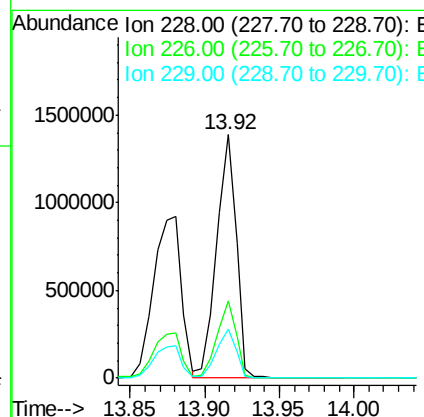
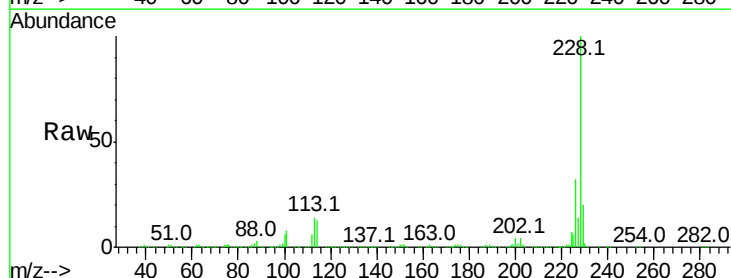
Manual Integrations
 APPROVED

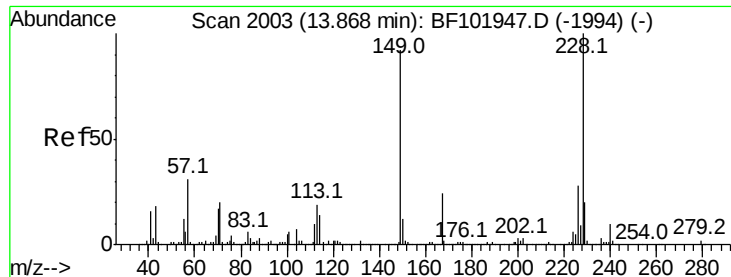
Sohil
 1/11/2018 10:52:36 AM



#82
 Chrysene
 Concen: 36.202 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1267942		
226	31.7	25.0	37.6	
229	20.0	16.2	24.4	





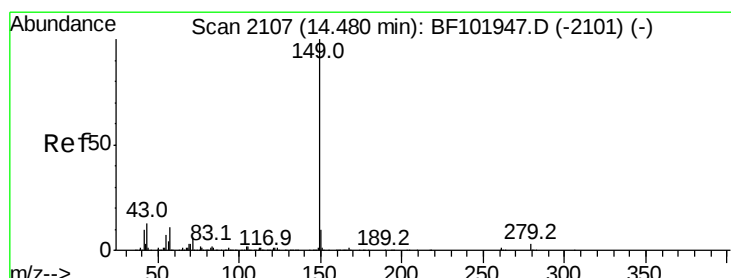
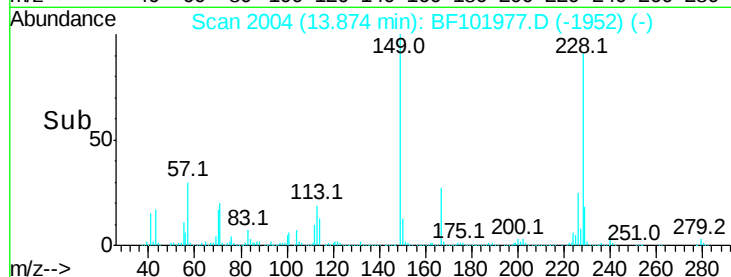
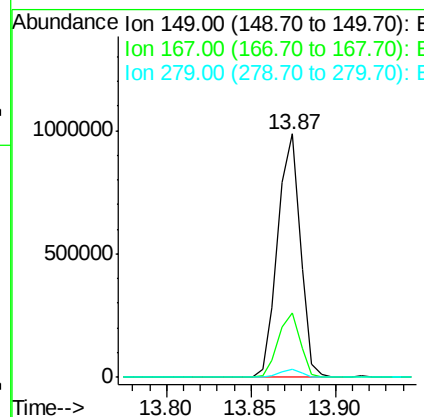
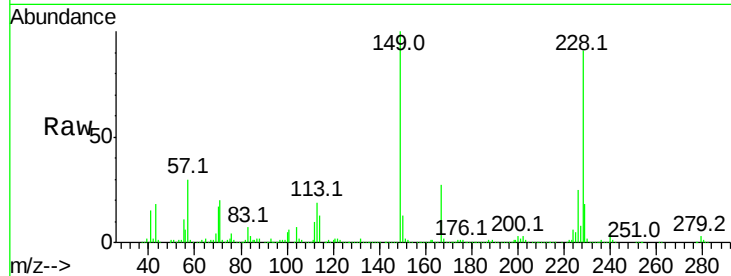
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.501 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.2	3.0	4.4

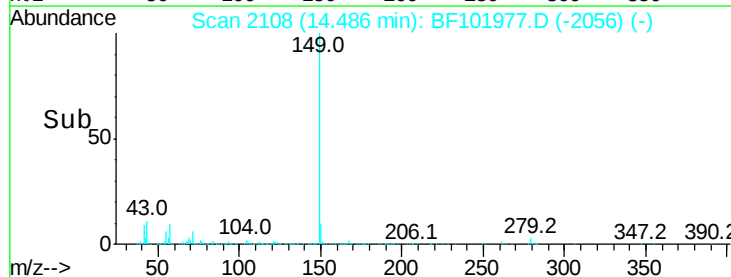
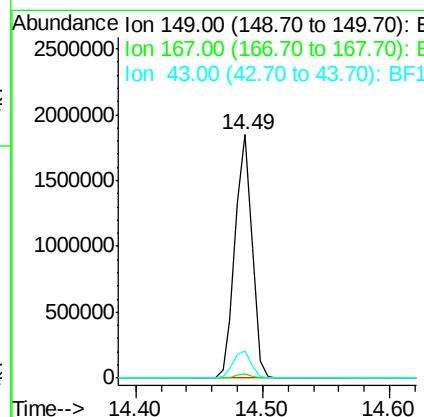
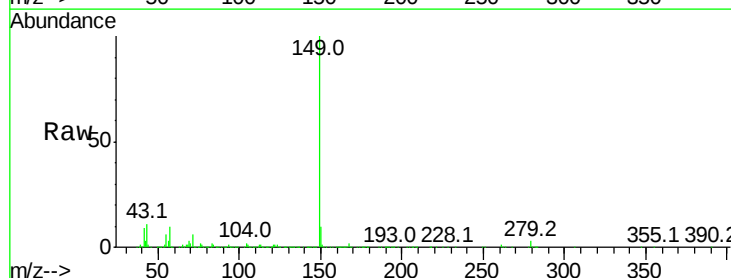
Manual Integrations
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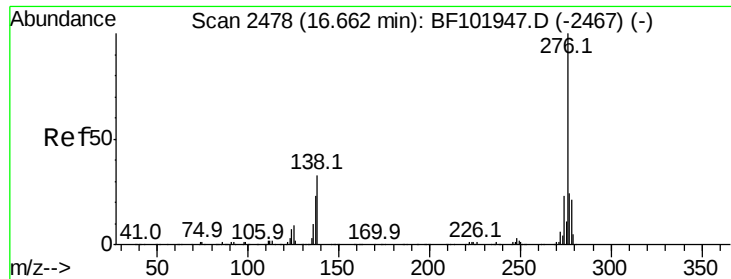
Sohil
 1/11/2018 10:52:36 AM



#84
 Di-n-octyl phthalate
 Concen: 41.868 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6





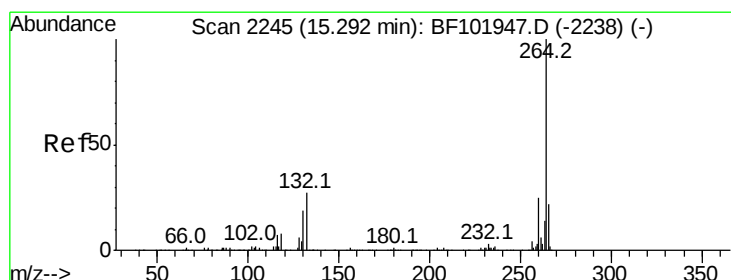
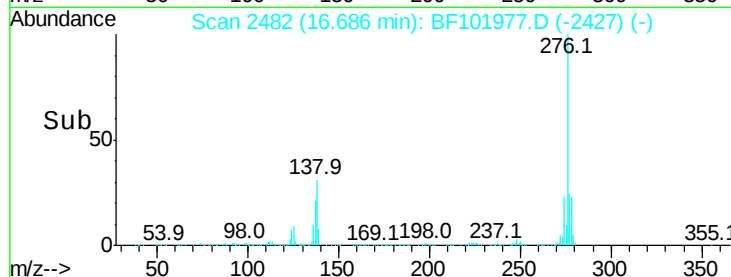
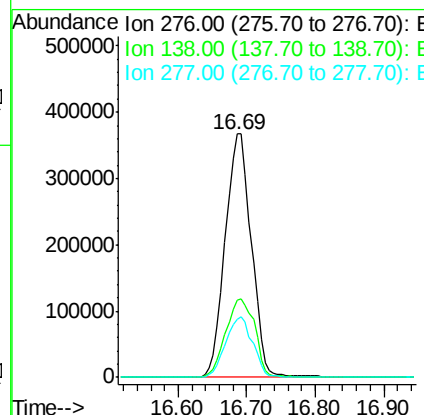
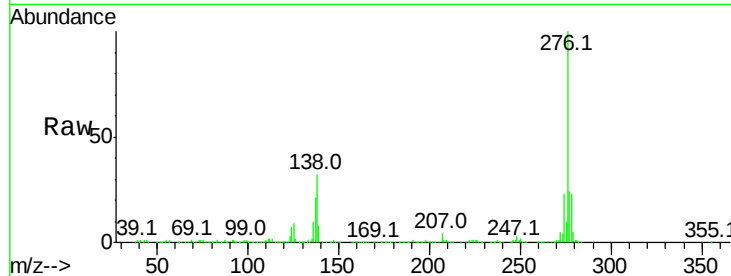
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.263 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.02 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.0	37.6
277	25.5	20.1	30.1

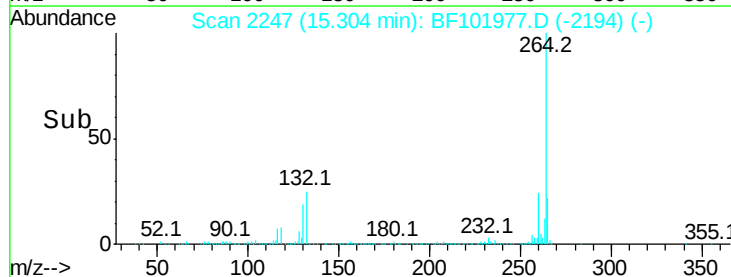
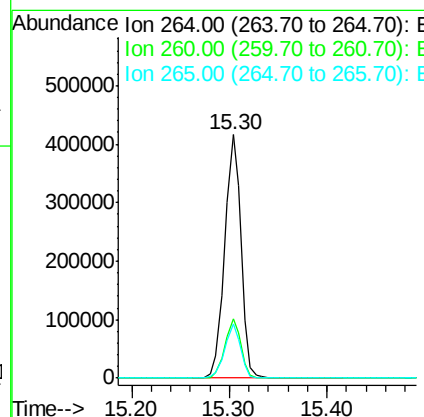
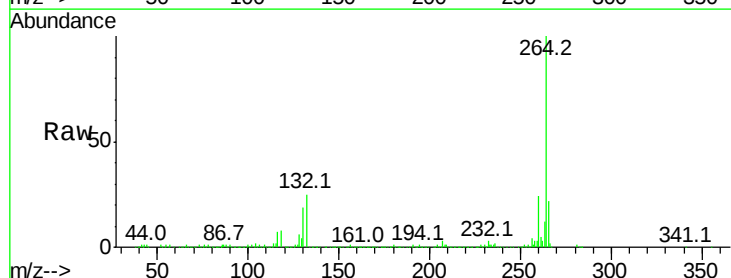
Manual Integrations
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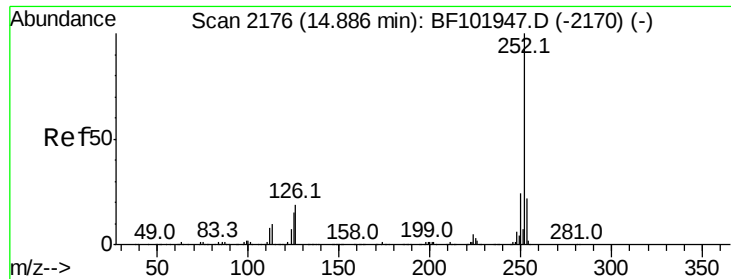
Sohil
 1/11/2018 10:52:36 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.01 min
 Lab File: BF101977.D
 Acq: 10 Jan 2018 13:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.520 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1212792

Ion Ratio Lower Upper

252 100

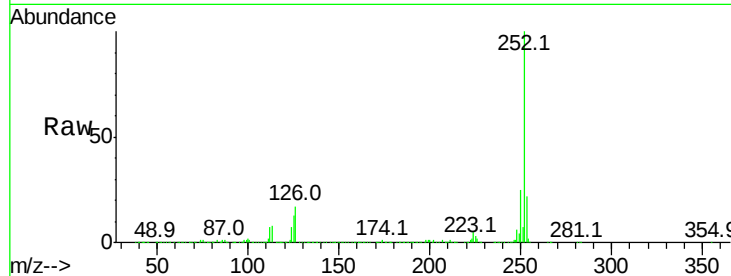
253 21.6 17.0 25.6

125 12.8 9.0 13.6

Manual Integrations
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Sohil

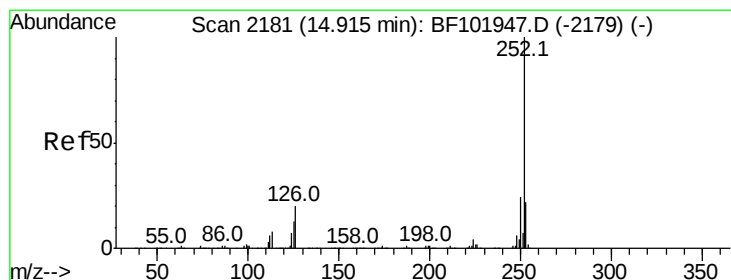
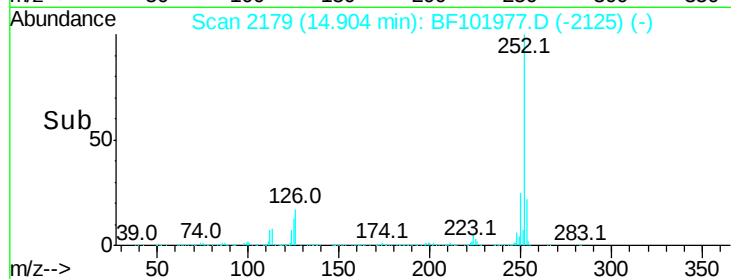
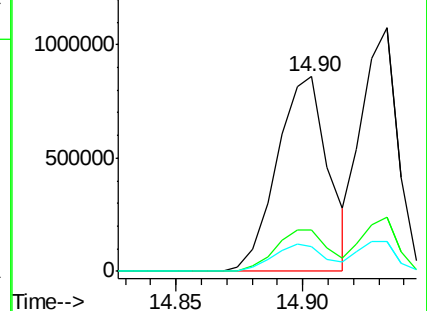
1/11/2018 10:52:36 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.721 ng

RT: 14.93 min Scan# 2184

Delta R.T. 0.02 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

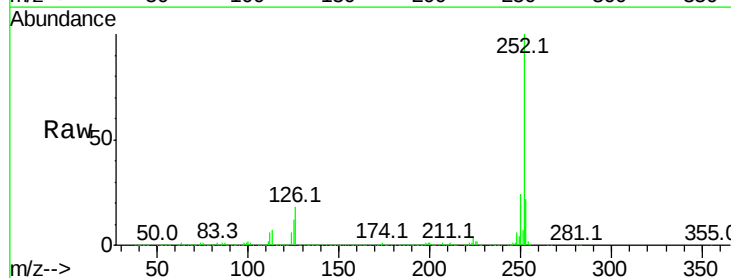
Tgt Ion:252 Resp: 1084944

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

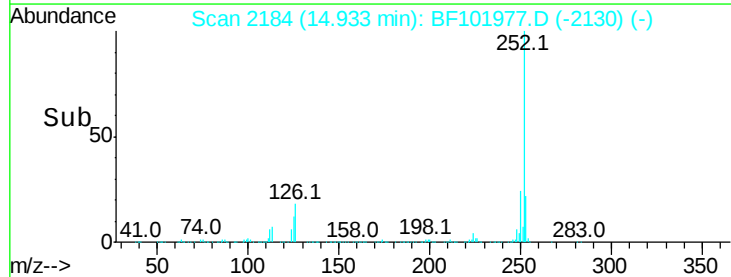
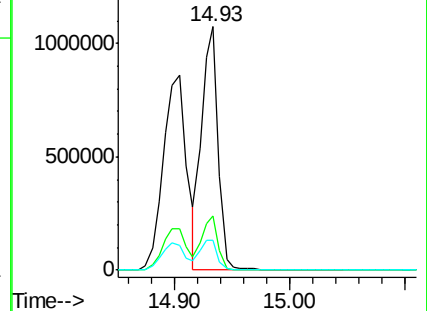
125 12.1 10.2 15.2

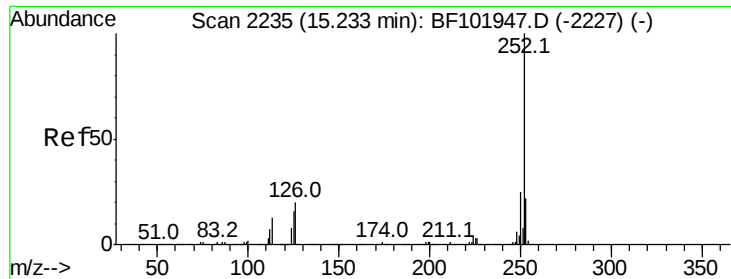


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





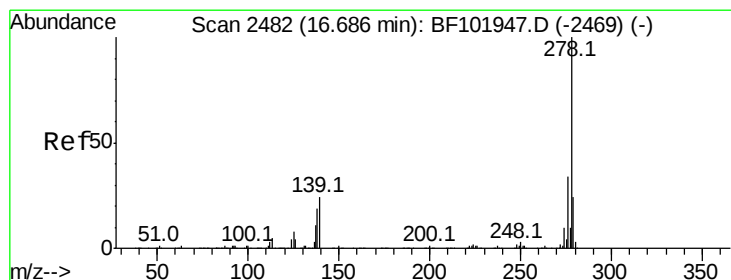
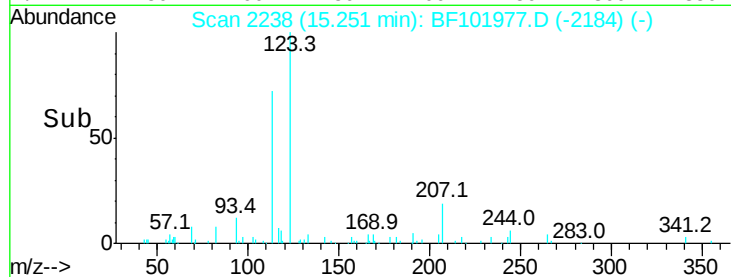
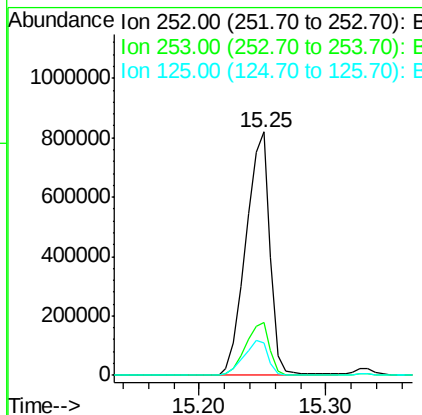
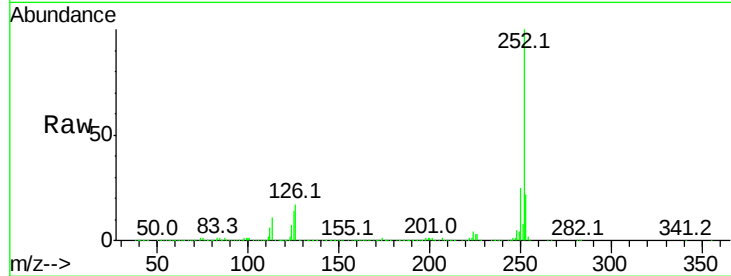
#89
Benzo(a)pyrene
Concen: 38.105 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1079585
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.5 9.8 14.6

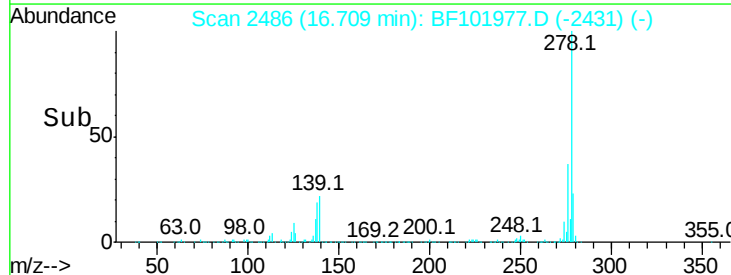
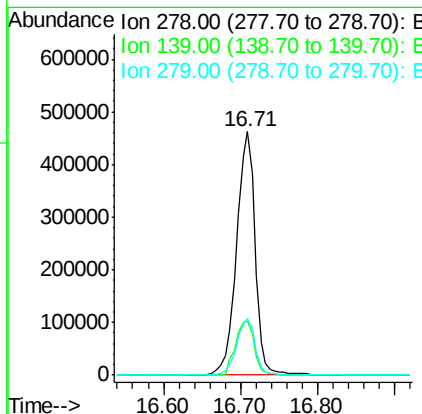
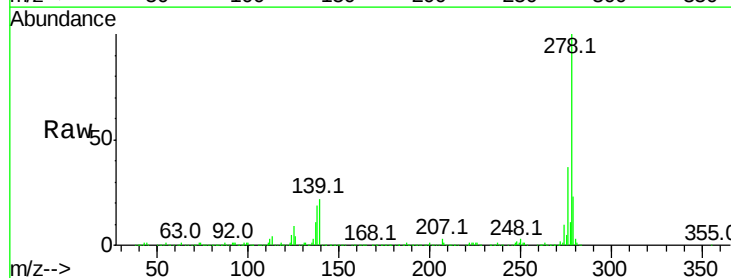
Manual Integrations
APPROVED

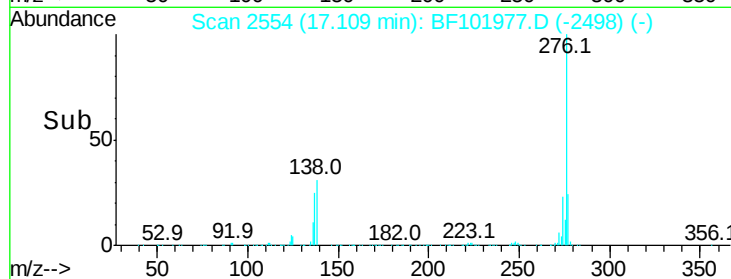
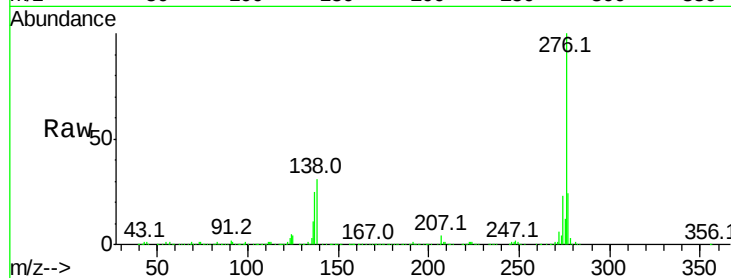
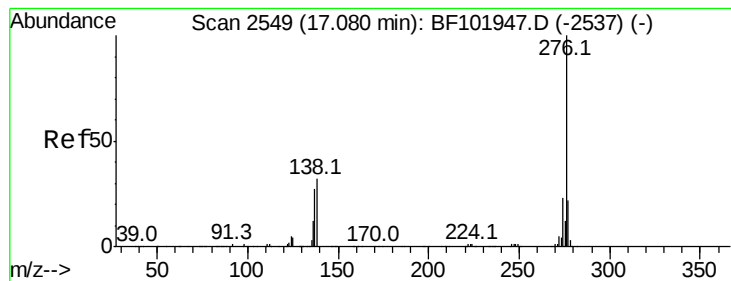
Sohil
1/11/2018 10:52:36 AM



#90
Dibenzo(a,h)anthracene
Concen: 34.856 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.02 min
Lab File: BF101977.D
Acq: 10 Jan 2018 13:35

Tgt Ion:278 Resp: 788077
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 34.171 ng

RT: 17.11 min Scan# 2554

Delta R.T. 0.03 min

Lab File: BF101977.D

Acq: 10 Jan 2018 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 276 Resp: 778249

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 30.9 21.8 32.8

Manual Integrations

APPROVED

Sohil

1/11/2018 10:52:36 AM

