

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102279.D
 Acq On : 20 Jan 2018 23:03
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 22 01:26:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123229	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	485816	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	199287	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	293119	20.00	ng	0.00
75) Chrysene-d12	13.87	240	216731	20.00	ng	0.00
86) Perylene-d12	15.30	264	181112	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	671300	76.92	ng	0.00
7) Phenol-d6	6.36	99	793098	76.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	696820	84.29	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	136779	78.65	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1177830	92.33	ng	0.00
78) Terphenyl-d14	12.82	244	740746	70.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	160409	36.83	ng	97
3) Pyridine	3.07	79	428841	36.06	ng	96
4) n-Nitrosodimethylamine	3.03	42	171482	34.43	ng	98
6) Aniline	6.39	93	530425	36.15	ng	98
8) 2-Chlorophenol	6.50	128	340787	38.94	ng	99
9) Benzaldehyde	6.27	77	237556	32.86	ng	95
10) Phenol	6.37	94	429741	36.52	ng	79
11) bis(2-Chloroethyl)ether	6.46	93	330032	36.85	ng	97
12) 1,3-Dichlorobenzene	6.66	146	401138	39.76	ng	96
13) 1,4-Dichlorobenzene	6.74	146	405410	40.27	ng	99
14) 1,2-Dichlorobenzene	6.89	146	372816	40.01	ng	98
15) Benzyl Alcohol	6.87	79	278795	36.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	534633	32.38	ng	98
17) 2-Methylphenol	6.98	107	297324	37.66	ng	99
18) Hexachloroethane	7.23	117	105432	29.74	ng	94
19) n-Nitroso-di-n-propylamine	7.14	70	230481	33.78	ng	96
20) 3+4-Methylphenols	7.14	107	352629	37.20	ng	# 71
22) Acetophenone	7.13	105	467186	39.91	ng	# 91
24) Nitrobenzene	7.31	77	356522	40.13	ng	97
25) Isophorone	7.55	82	598540	36.64	ng	100
26) 2-Nitrophenol	7.62	139	166811	44.86	ng	95
27) 2,4-Dimethylphenol	7.66	122	267320	38.50	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	375583	38.08	ng	99
29) 2,4-Dichlorophenol	7.86	162	270177	40.98	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	293858	42.61	ng	97
31) Naphthalene	8.03	128	983860	40.53	ng	100
32) Benzoic acid	7.79	122	151219	28.72	ng	94
33) 4-Chloroaniline	8.08	127	412076	39.77	ng	99
34) Hexachlorobutadiene	8.14	225	154412	42.30	ng	99
35) Caprolactam	8.46	113	85928	37.96	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	280908	38.92	ng	98
37) 2-Methylnaphthalene	8.72	142	633072	39.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	252193	44.73	ng	98
40) Hexachlorocyclopentadiene	8.86	237	9804	3.18	ng	98

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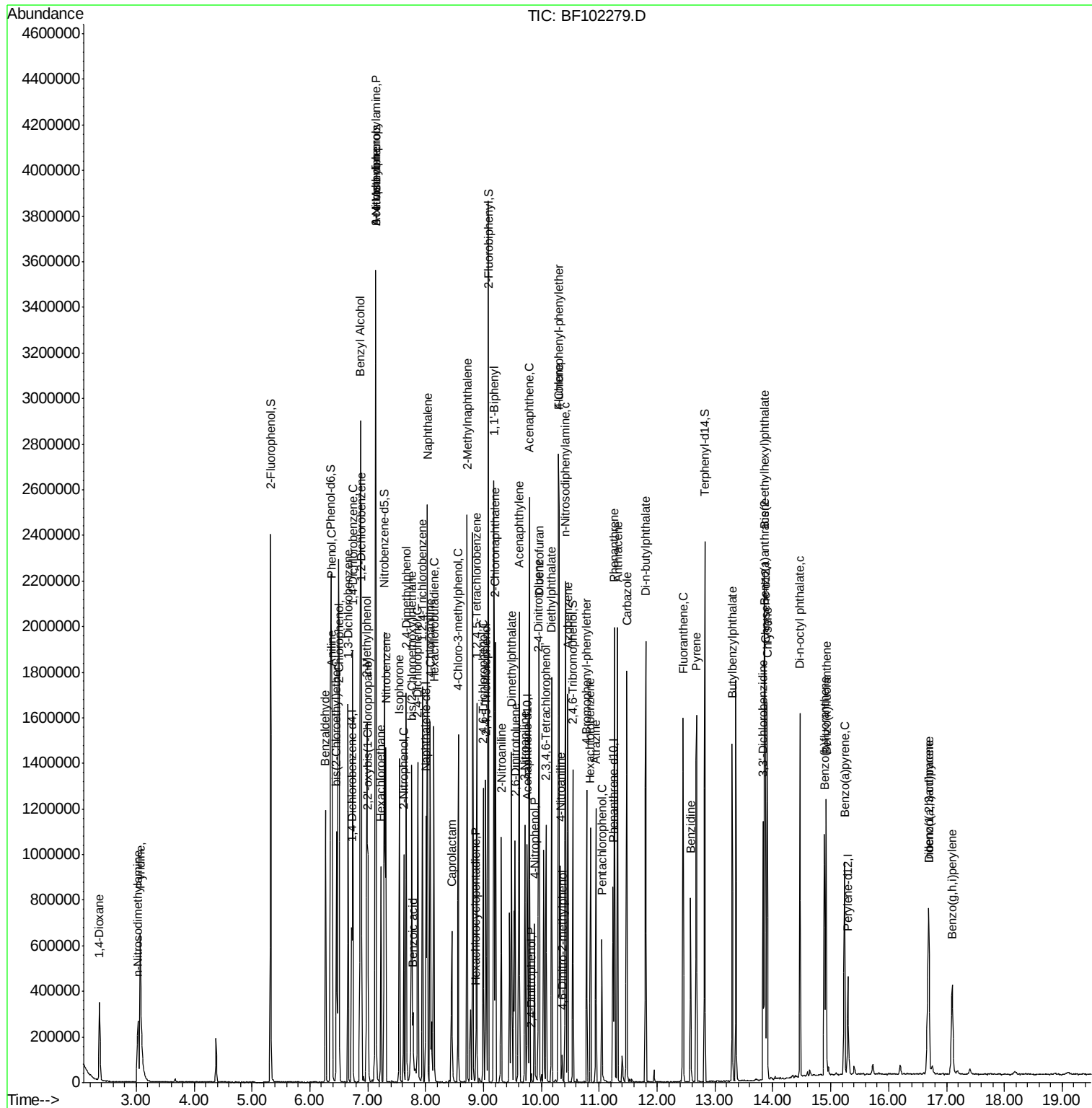
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	165809	42.68	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	184654	42.05	nq	96
45) 1,1'-Biphenyl	9.18	154	757833	43.02	nq	99
46) 2-Chloronaphthalene	9.20	162	577023	42.24	nq	100
47) 2-Nitroaniline	9.30	65	194850	47.62	nq	93
48) Acenaphthylene	9.62	152	879786	40.59	nq	99
49) Dimethylphthalate	9.49	163	696083	43.54	nq	99
50) 2,6-Dinitrotoluene	9.55	165	140468	43.99	nq	87
51) Acenaphthene	9.79	154	498952	37.92	nq	99
52) 3-Nitroaniline	9.72	138	179882	44.63	nq	96
53) 2,4-Dinitrophenol	9.83	184	5090	12.38	nq	# 19
54) Dibenzofuran	9.96	168	711227	39.39	nq	100
55) 4-Nitrophenol	9.88	139	103665	34.51	nq	95
56) 2,4-Dinitrotoluene	9.95	165	164170	41.02	nq	97
57) Fluorene	10.30	166	530821	42.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	118684	37.96	nq	97
59) Diethylphthalate	10.18	149	640311	40.26	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	240045	45.16	nq	99
61) 4-Nitroaniline	10.33	138	170420	44.56	nq	89
62) Azobenzene	10.46	77	560159	35.40	nq	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	13571	13.18	nq	91
65) n-Nitrosodiphenylamine	10.42	169	492970	44.91	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	143364	46.31	nq	93
67) Hexachlorobenzene	10.85	284	145075	42.93	nq	92
68) Atrazine	10.94	200	126987	40.03	nq	98
69) Pentachlorophenol	11.04	266	62579	30.37	nq	99
70) Phenanthrene	11.26	178	677152	39.55	nq	99
71) Anthracene	11.32	178	693121	39.91	nq	98
72) Carbazole	11.47	167	662082	38.79	nq	99
73) Di-n-butylphthalate	11.80	149	896734	42.82	nq	98
74) Fluoranthene	12.45	202	619173	36.76	nq	97
76) Benzidine	12.58	184	326431	31.19	nq	98
77) Pyrene	12.68	202	637553	33.28	nq	99
79) Butylbenzylphthalate	13.30	149	321143	36.53	nq	98
80) Benzo(a)anthracene	13.87	228	545660	39.46	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	212360	41.48	nq	98
82) Chrysene	13.90	228	542597	37.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	423083	41.95	nq	# 100
84) Di-n-octyl phthalate	14.47	149	704366	42.09	nq	100
85) Indeno(1,2,3-cd)pyrene	16.69	276	390293	37.19	nq	99
87) Benzo(b)fluoranthene	14.89	252	487182	41.25	nq	98
88) Benzo(k)fluoranthene	14.92	252	476445	41.82	nq	99
89) Benzo(a)pyrene	15.24	252	432978	40.74	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	320657	37.81	nq	97
91) Benzo(g,h,i)perylene	17.10	276	308213	36.08	nq	99

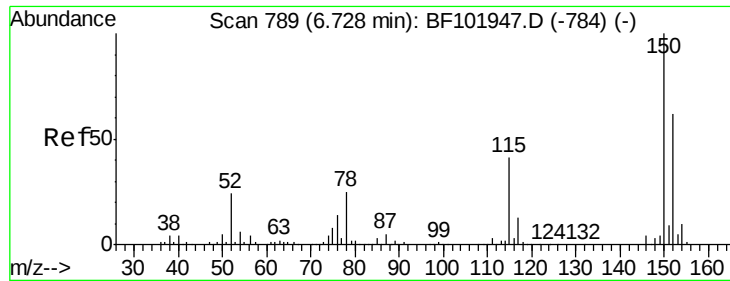
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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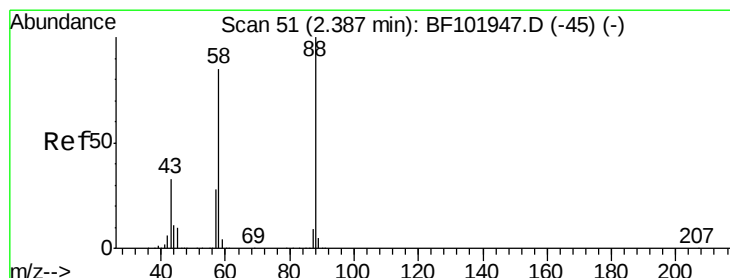
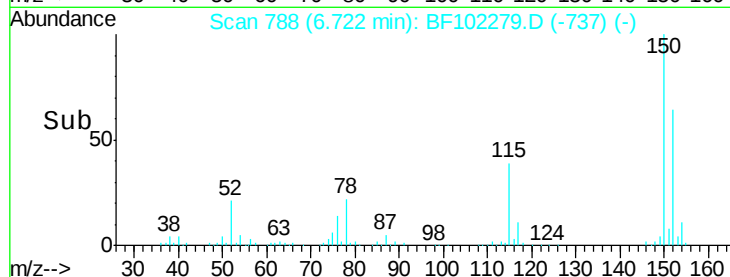
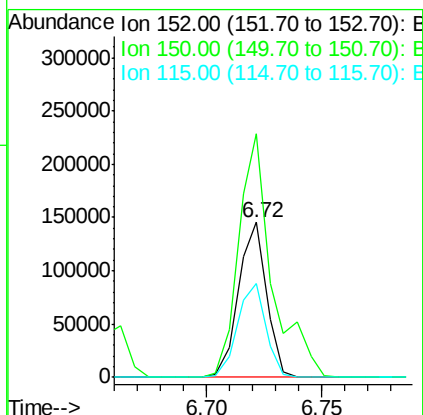
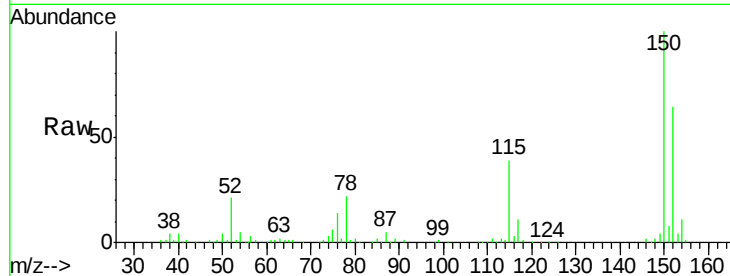


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

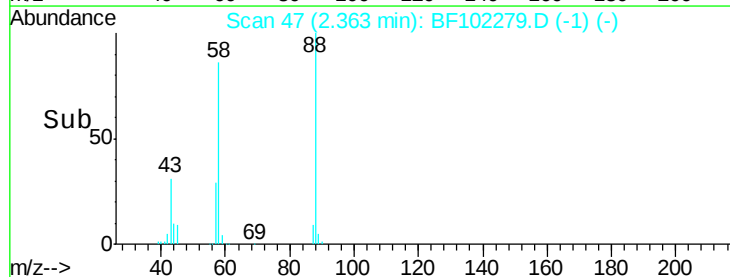
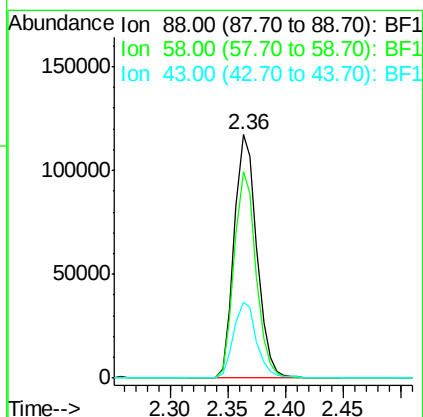
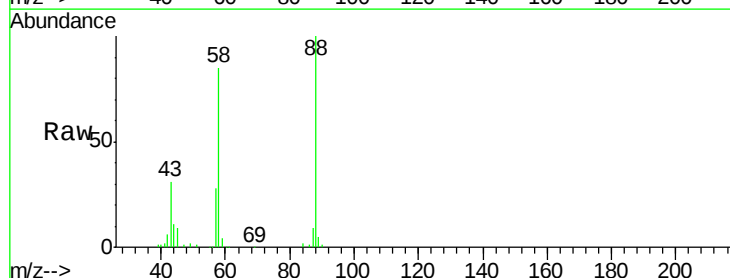
Tot Ion:152 Resp: 123229
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 60.9 50.1 75.1

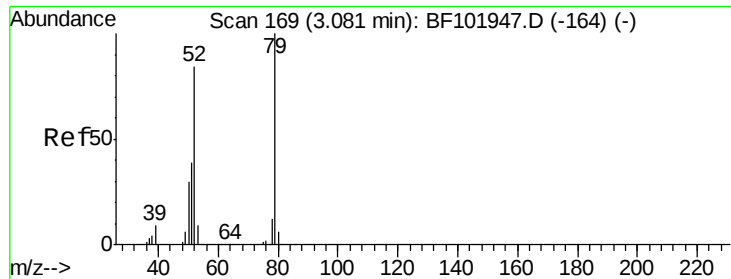


#2

1,4-Dioxane
Concen: 36.83 ng
RT: 2.36 min Scan# 47
Delta R.T. -0.02 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion: 88 Resp: 160409
Ion Ratio Lower Upper
88 100
58 81.1 62.6 93.8
43 31.2 24.6 37.0





#3

Pvridine

Concen: 36.06 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.02 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

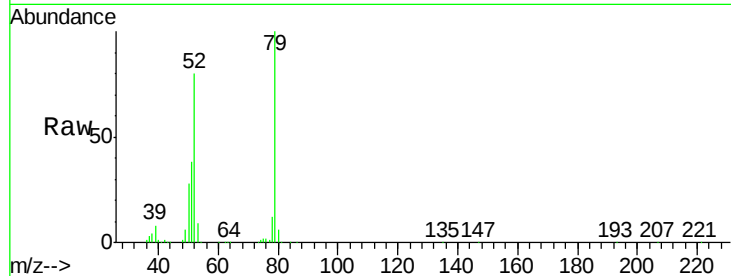
Tot Ion: 79 Resp: 428841

Ion Ratio Lower Upper

79 100

52 79.6 59.8 89.6

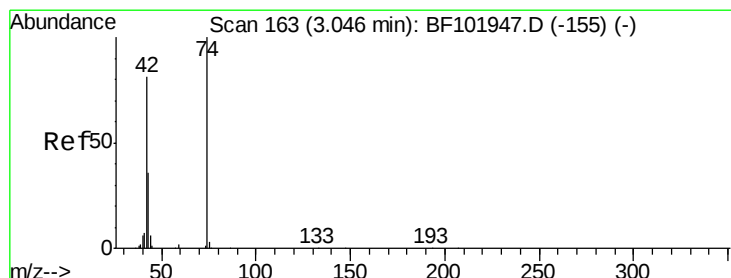
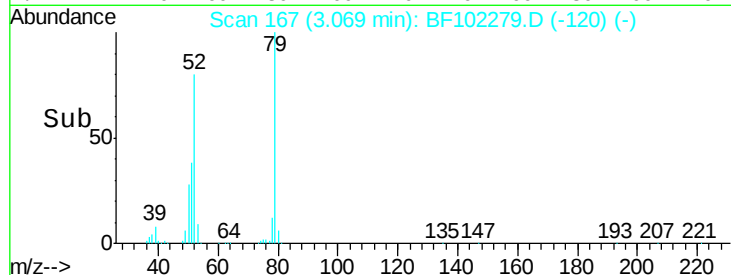
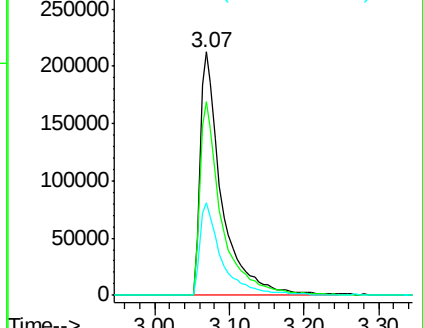
51 38.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.43 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.03 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

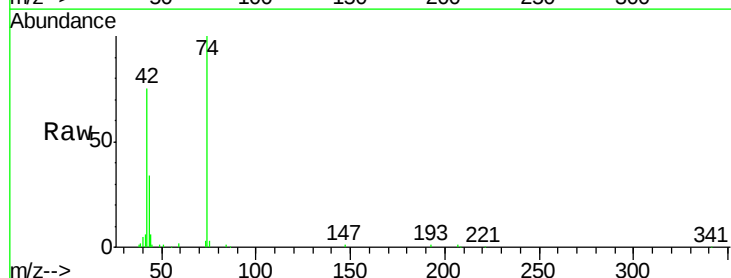
Tgt Ion: 42 Resp: 171482

Ion Ratio Lower Upper

42 100

74 133.8 104.9 157.3

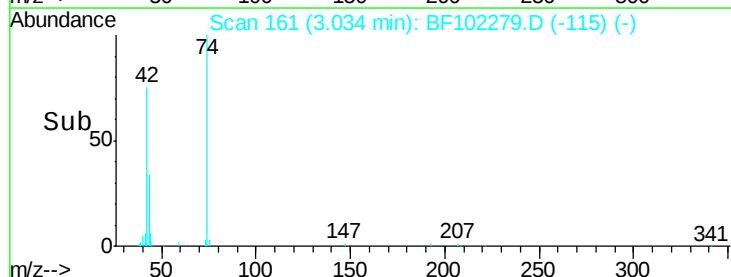
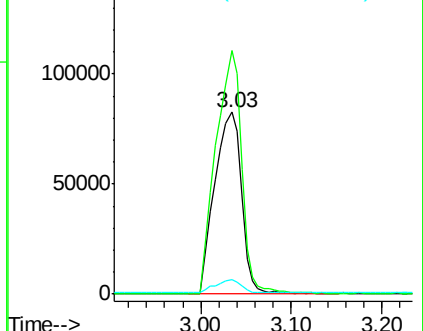
44 8.2 6.9 10.3

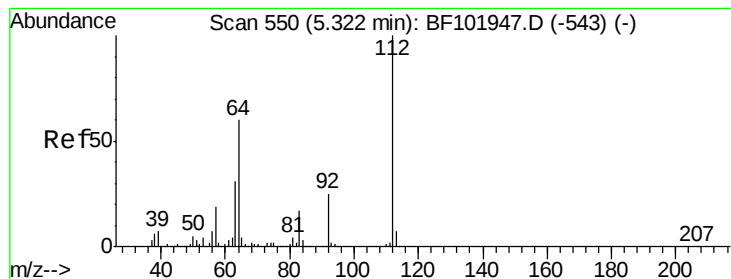


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

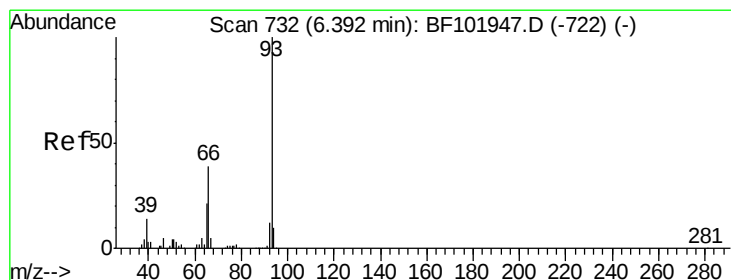
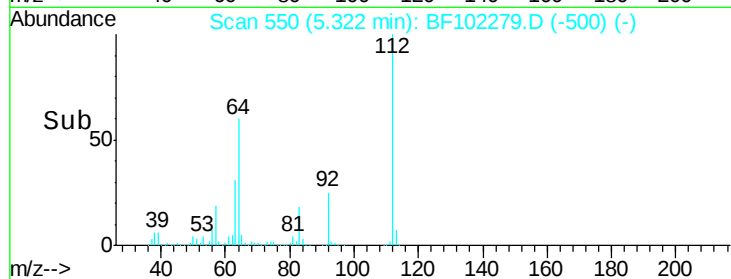
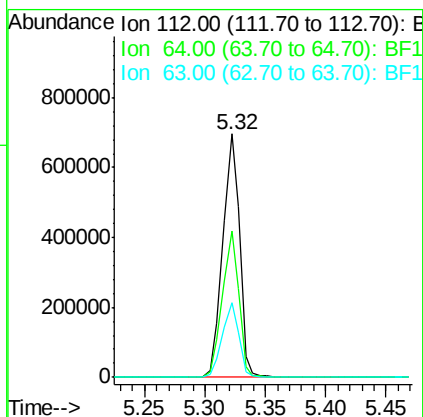
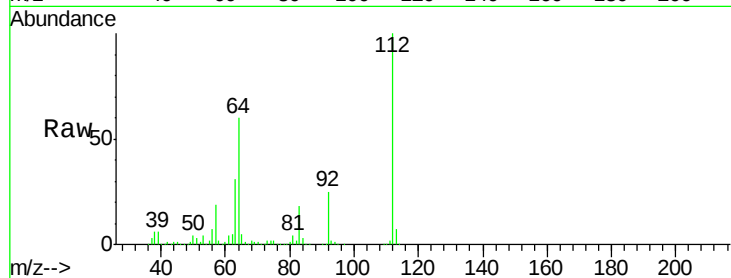




#5
 2-Fluorophenol
 Concen: 76.92 ng
 RT: 5.32 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

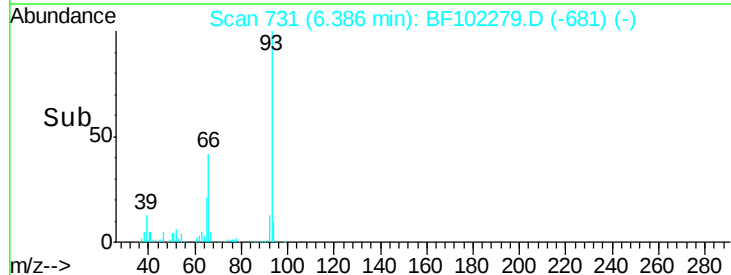
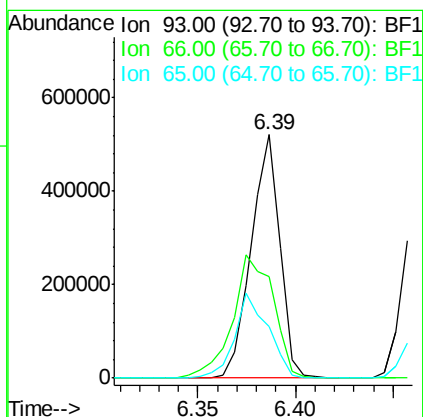
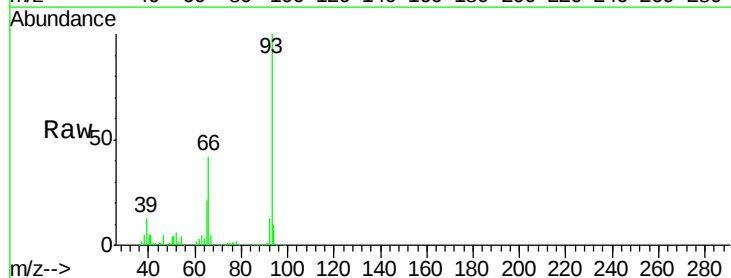
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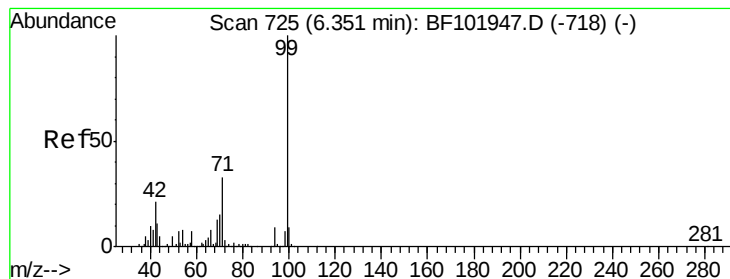
Tot Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.5	23.7	35.5



#6
 Aniline
 Concen: 36.15 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.6	32.2	48.2
65	21.4	16.4	24.6





#7

Phenol-d6

Concen: 76.17 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

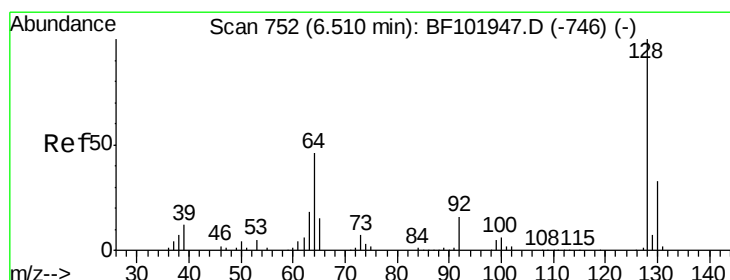
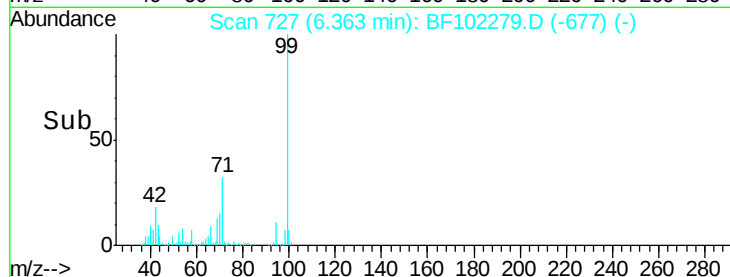
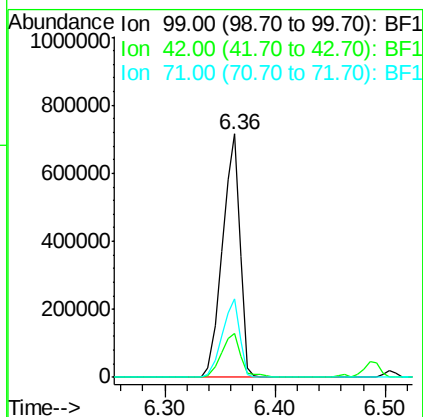
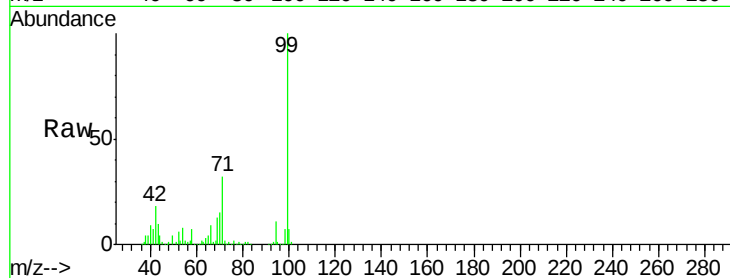
Tot Ion: 99 Resp: 793098

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 38.94 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

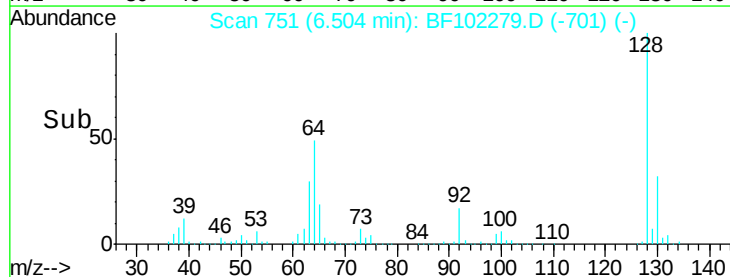
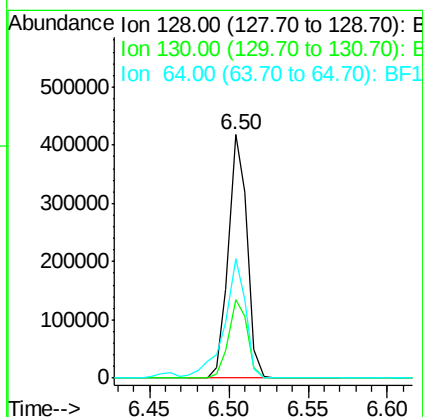
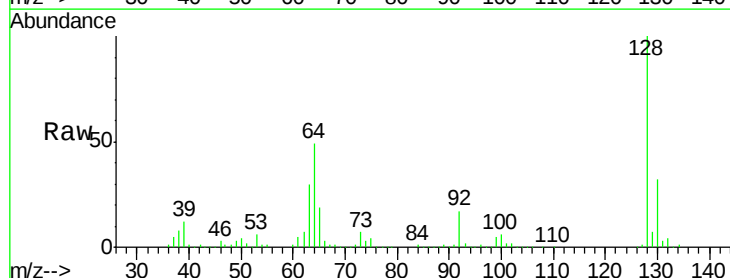
Tgt Ion: 128 Resp: 340787

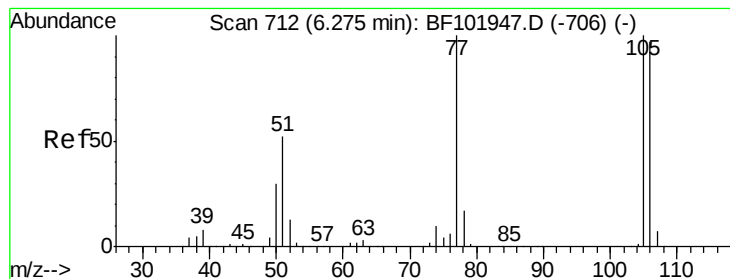
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 49.1 29.4 69.4





#9

Benzaldehyde

Concen: 32.86 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

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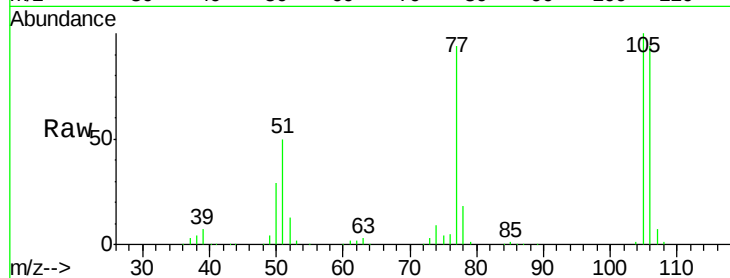
Tot Ion: 77 Resp: 237556

Ion Ratio Lower Upper

77 100

105 106.2 81.1 121.1

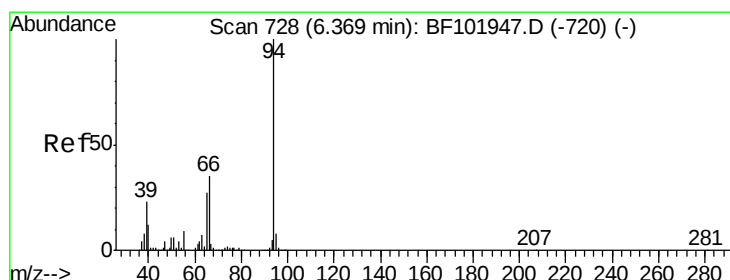
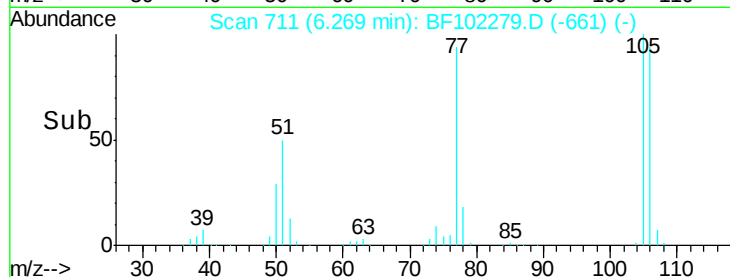
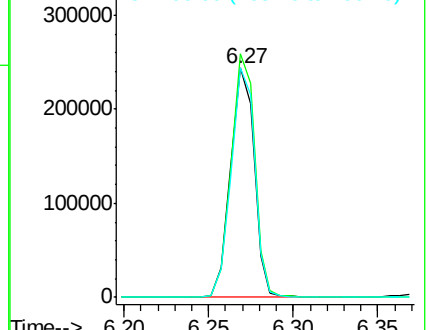
106 100.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.52 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

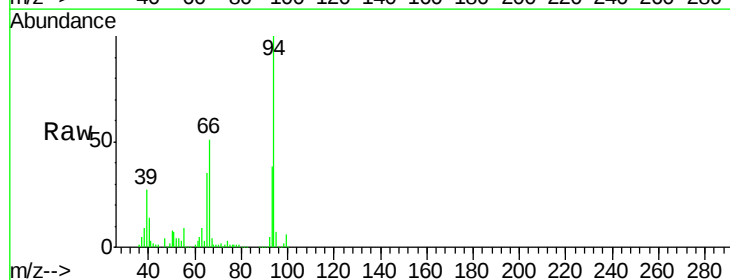
Tgt Ion: 94 Resp: 429741

Ion Ratio Lower Upper

94 100

65 35.3 7.9 47.9

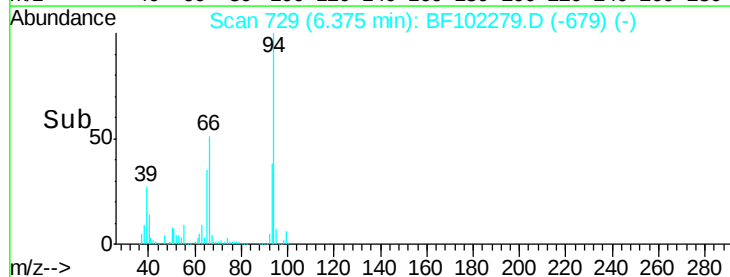
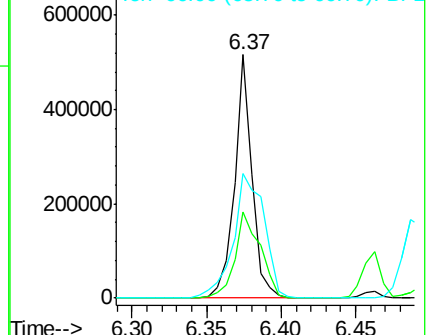
66 51.2 16.2 56.2

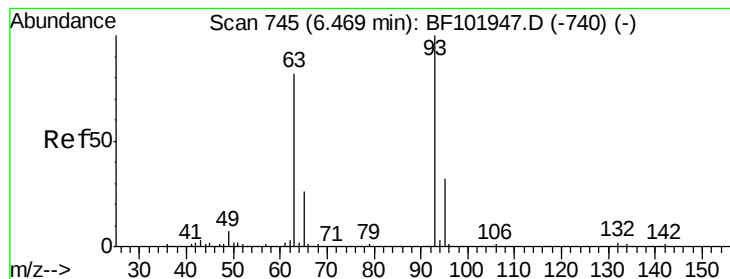


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.85 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

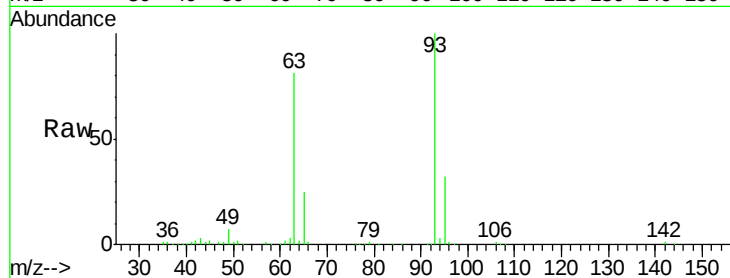
Tot Ion: 93 Resp: 330032

Ion Ratio Lower Upper

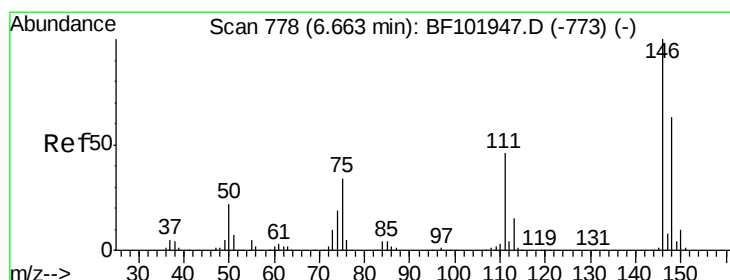
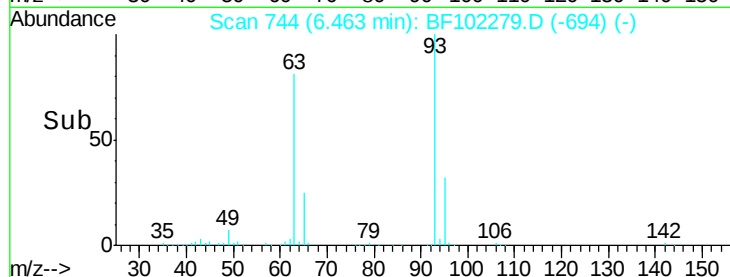
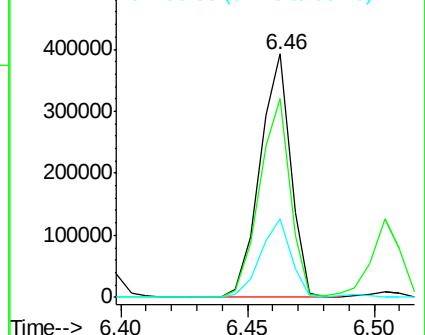
93 100

63 81.5 58.6 98.6

95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.76 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

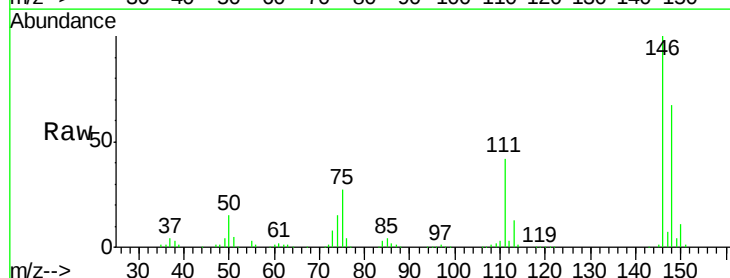
Tgt Ion: 146 Resp: 401138

Ion Ratio Lower Upper

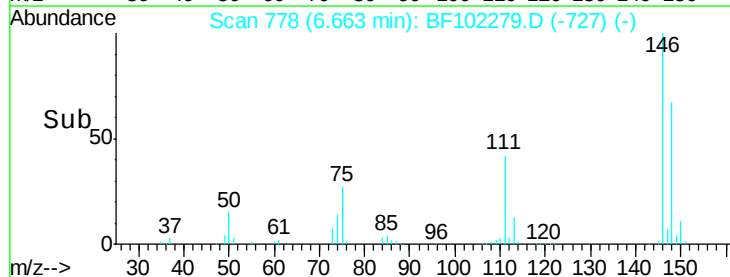
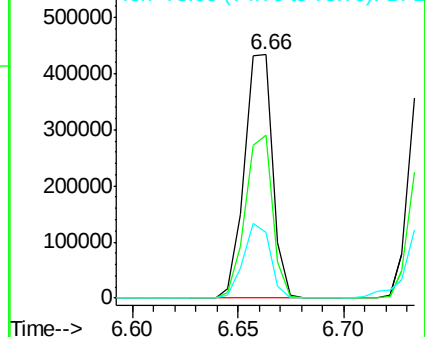
146 100

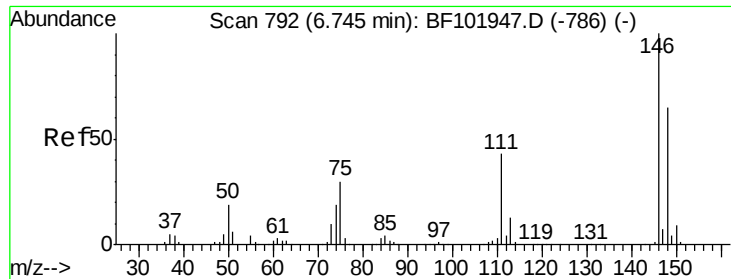
148 67.0 51.8 77.8

75 27.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

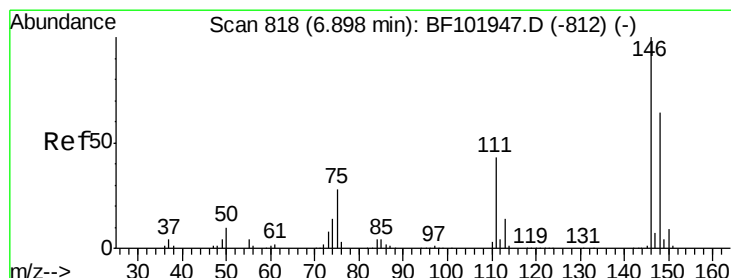
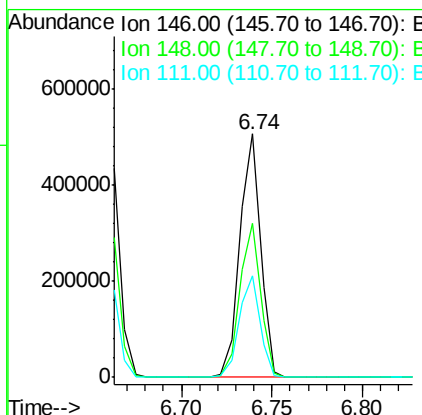
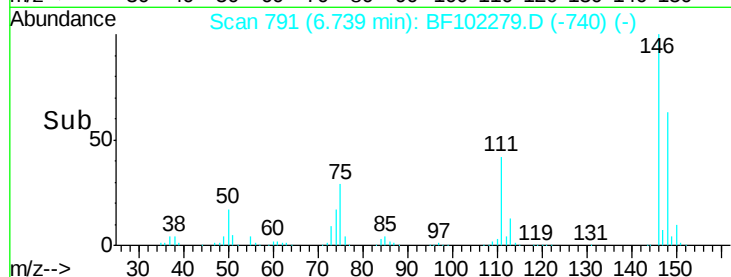
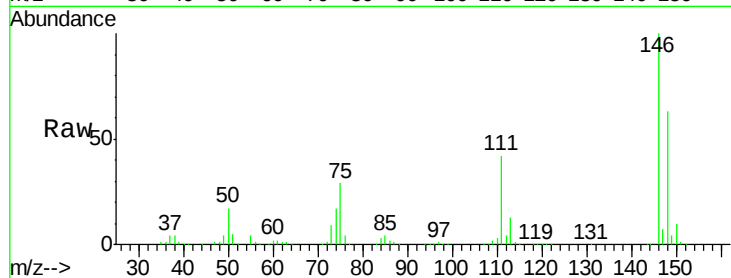




#13
 1,4-Dichlorobenzene
 Concen: 40.27 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

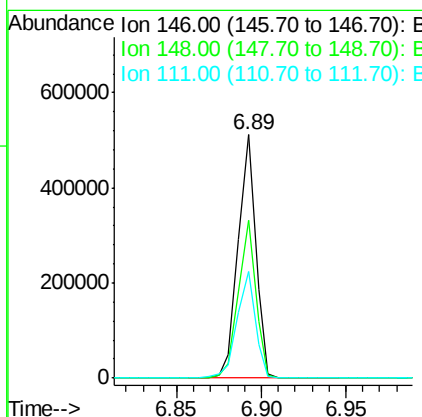
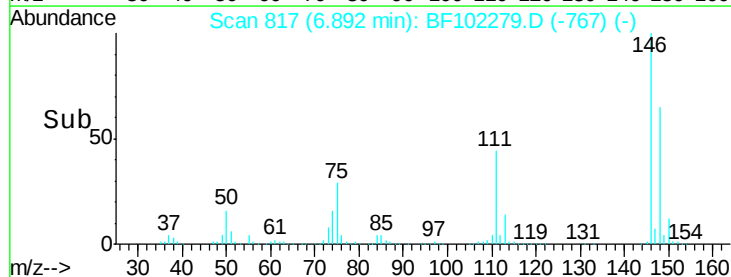
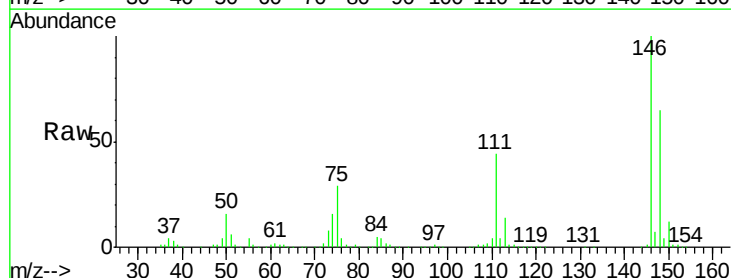
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

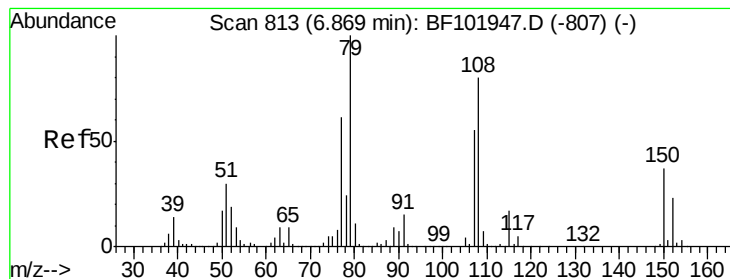
Tot Ion:146 Resp: 405410
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.01 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion:146 Resp: 372816
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 75.8
 111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.61 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

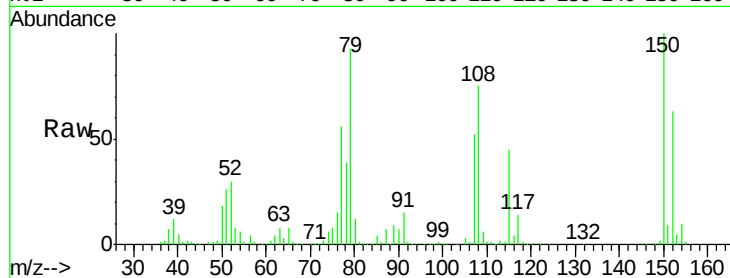
Tot Ion: 79 Resp: 278795

Ion Ratio Lower Upper

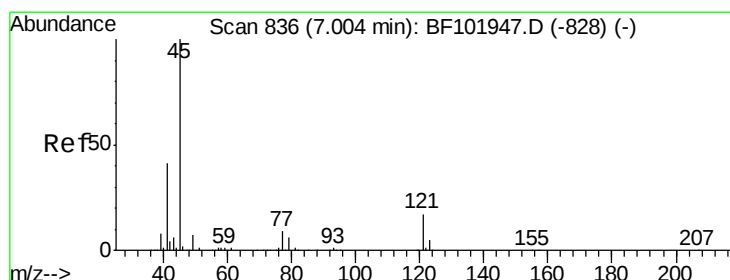
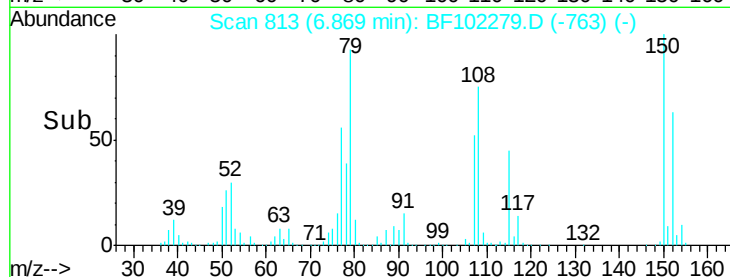
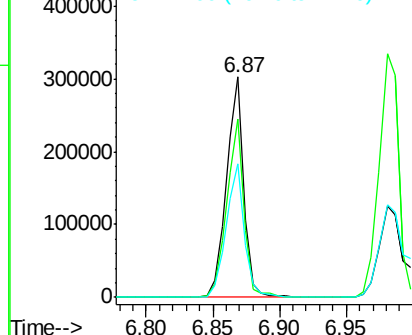
79 100

108 80.9 65.1 97.7

77 60.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.38 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

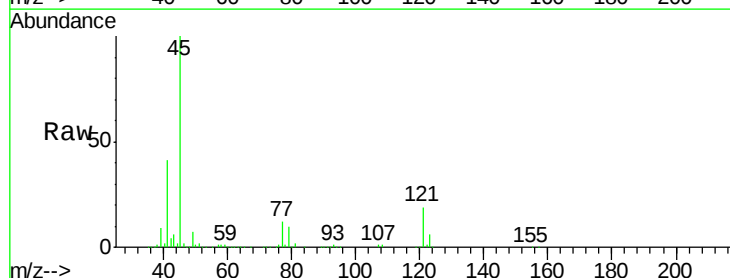
Tgt Ion: 45 Resp: 534633

Ion Ratio Lower Upper

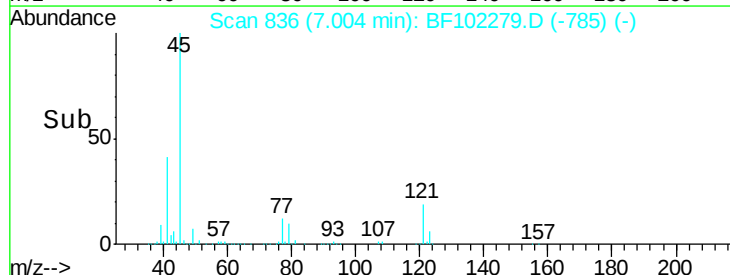
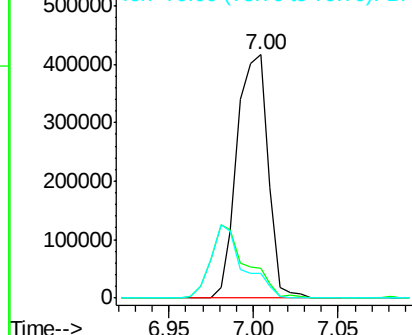
45 100

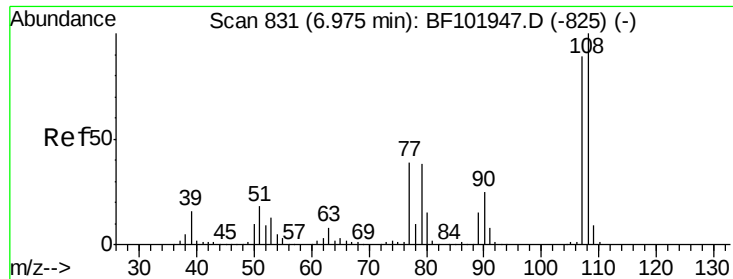
77 12.1 0.0 32.9

79 10.1 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

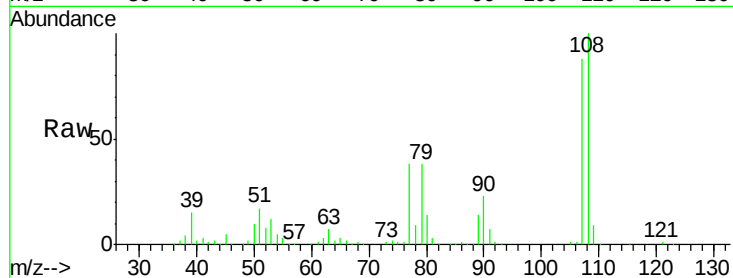




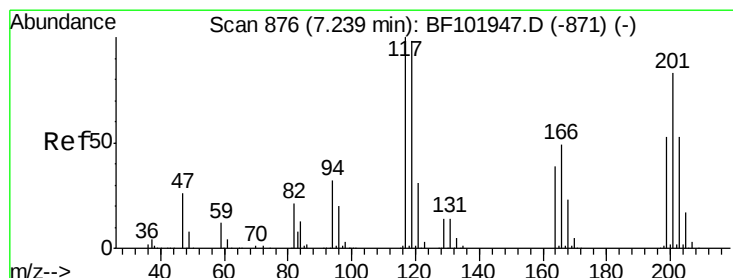
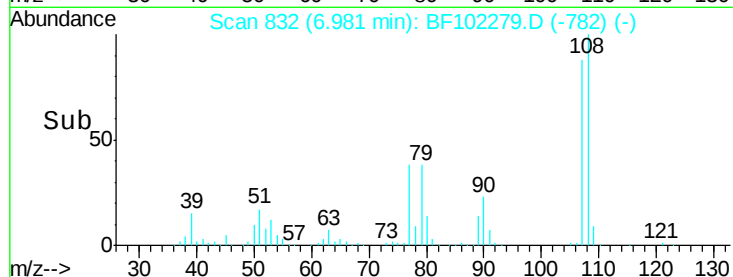
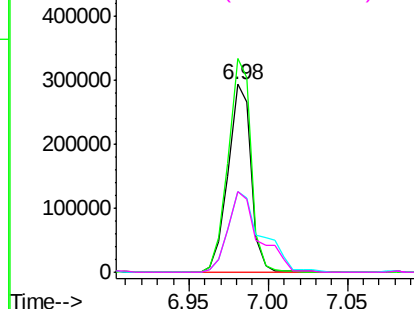
#17
2-Methylphenol
Concen: 37.66 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 297324
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 43.0 33.8 50.8
79 42.9 33.8 50.8

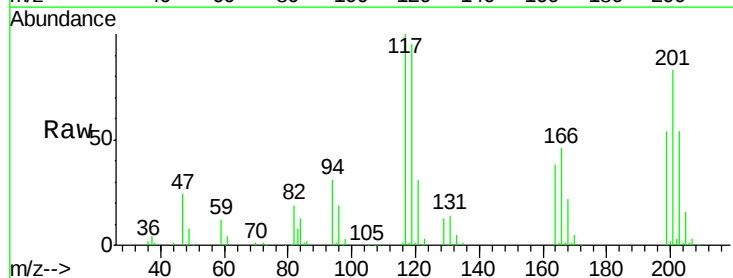


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

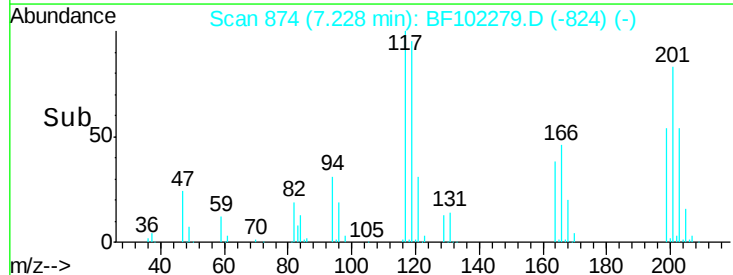
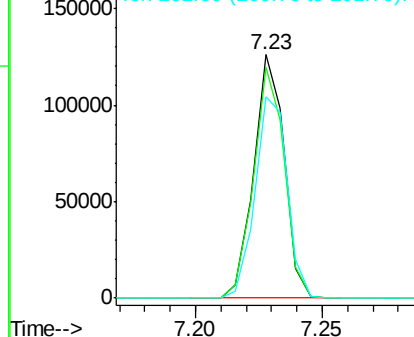


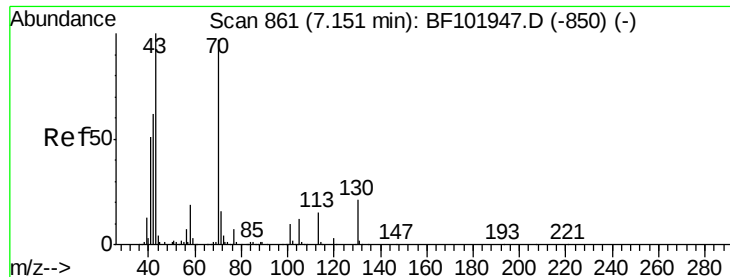
#18
Hexachloroethane
Concen: 29.74 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:117 Resp: 105432
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 82.6 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

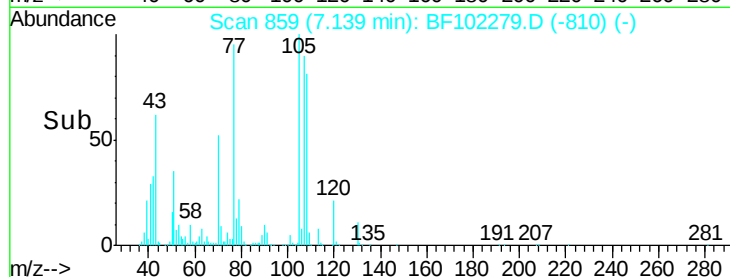
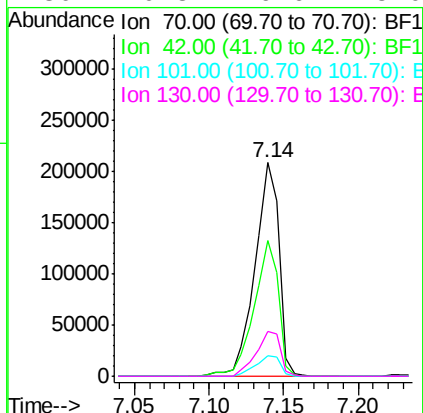
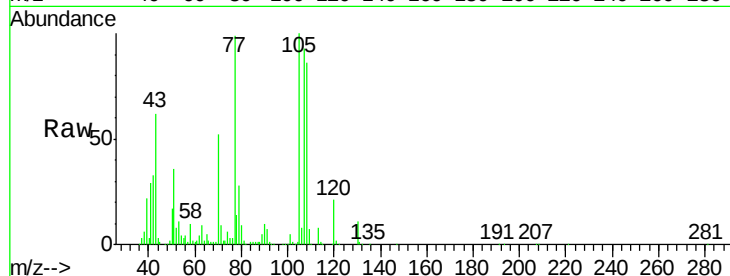




#19
n-Nitroso-di-n-propylamine
Concen: 33.78 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

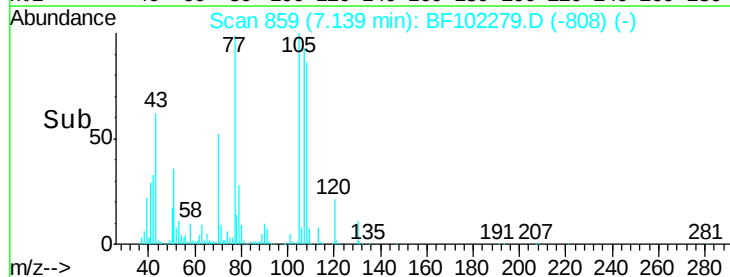
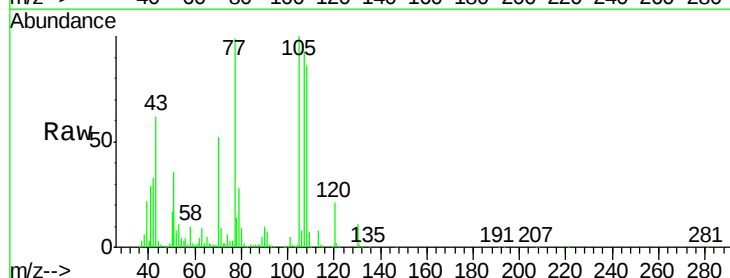
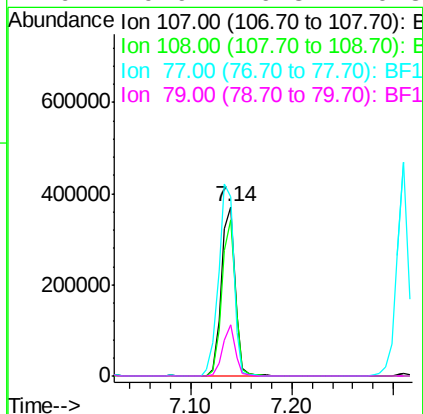
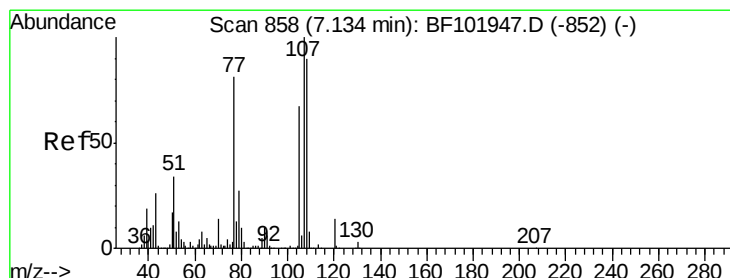
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

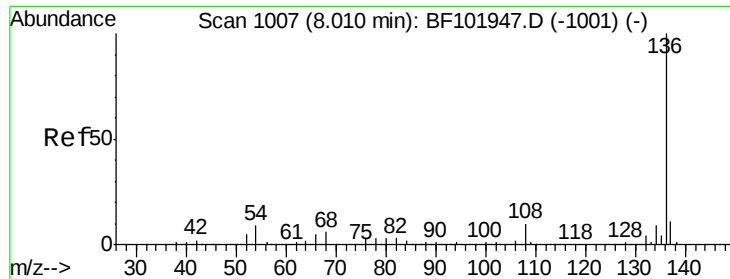
Tot Ion:	70	Resp:	230481
Ion	Ratio	Lower	Upper
70	100		
42	63.4	47.5	71.3
101	9.7	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.20 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:	107	Resp:	352629
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	106.2	26.7	66.7#
79	29.9	6.3	46.3

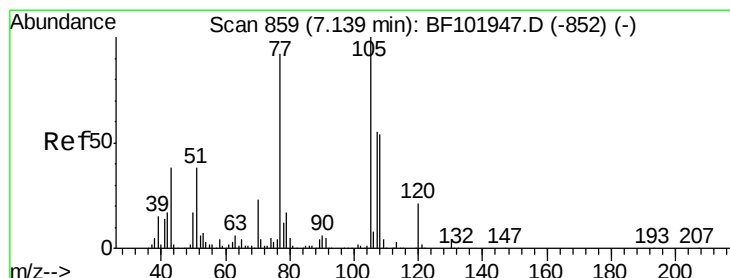
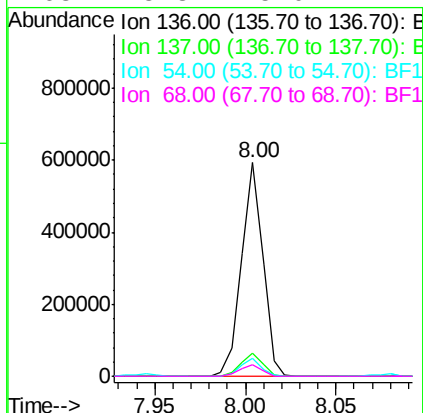
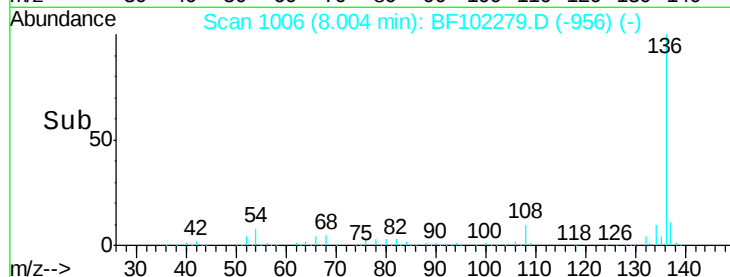
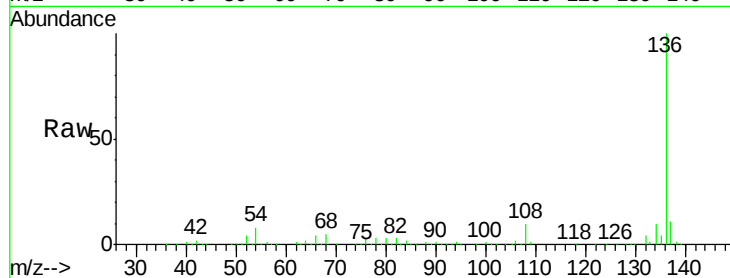




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

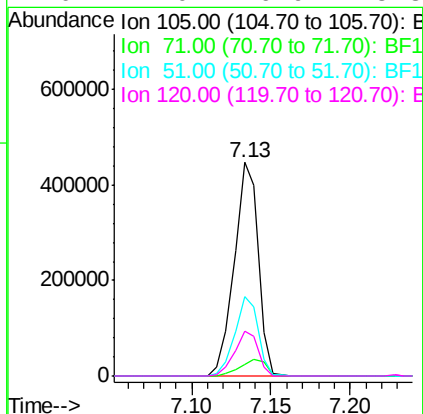
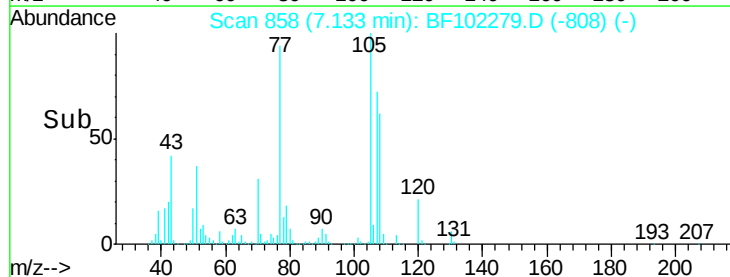
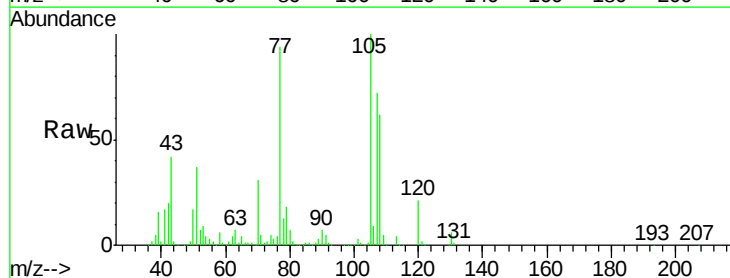
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

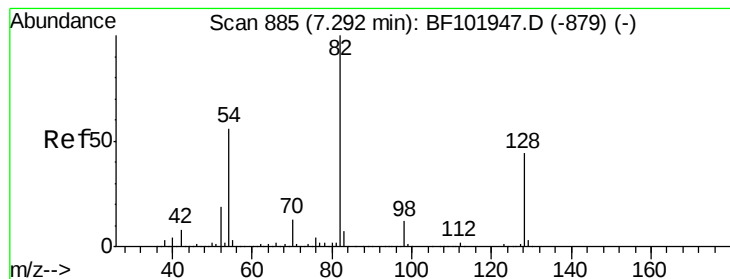
Tot Ion:136	Resp:	485816
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.4	6.6 9.8
68	5.3	5.0 7.4



#22
Acetophenone
Concen: 39.91 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:105	Resp:	467186
Ion Ratio	Lower	Upper
105	100	
71	5.2	4.4 6.6
51	37.1	22.3 33.5#
120	21.0	16.9 25.3





#23

Nitrobenzene-d5

Concen: 84.29 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

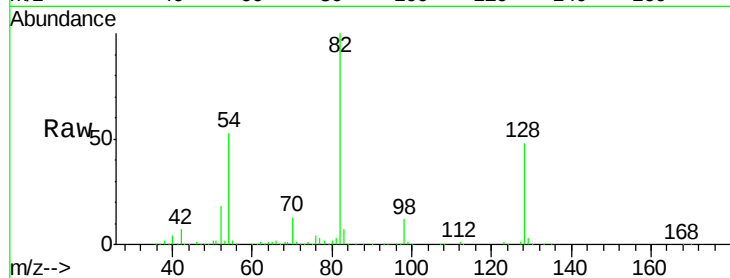
Tot Ion: 82 Resp: 696820

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

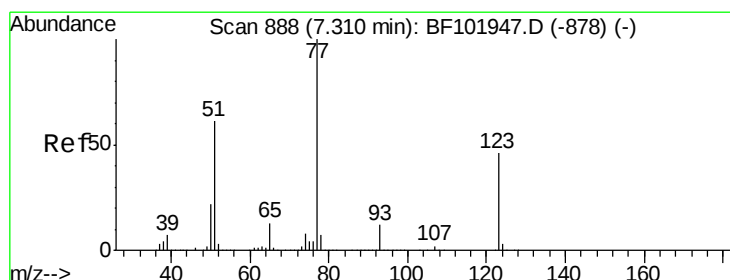
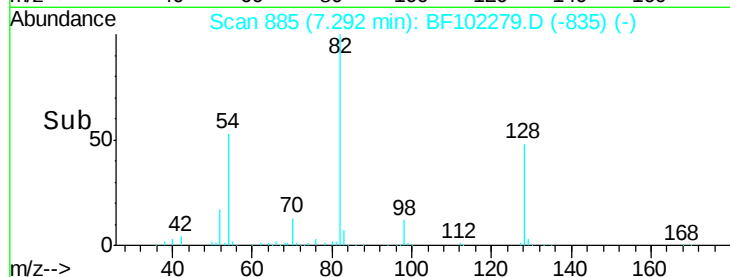
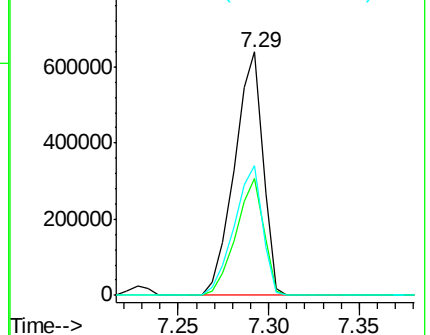
54 53.1 41.4 62.2



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: 40.13 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

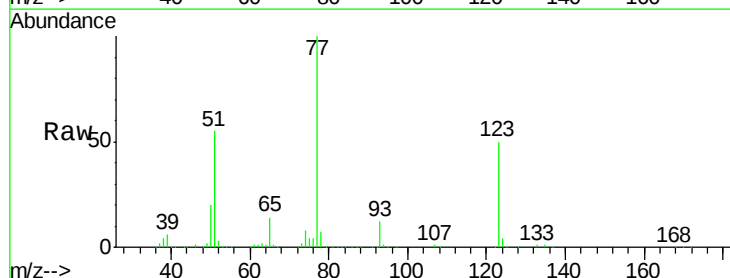
Tgt Ion: 77 Resp: 356522

Ion Ratio Lower Upper

77 100

123 50.1 37.9 56.9

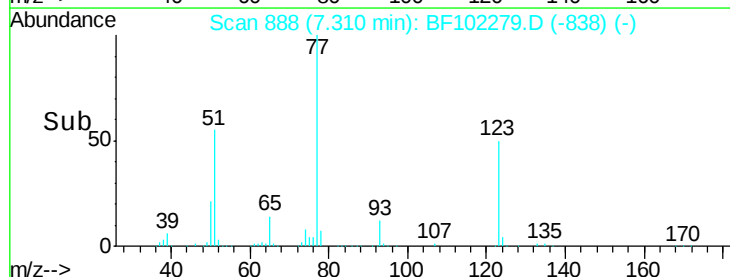
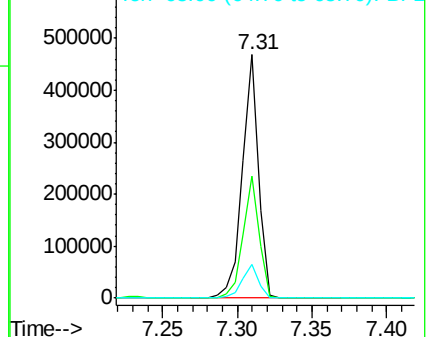
65 14.0 11.0 16.4

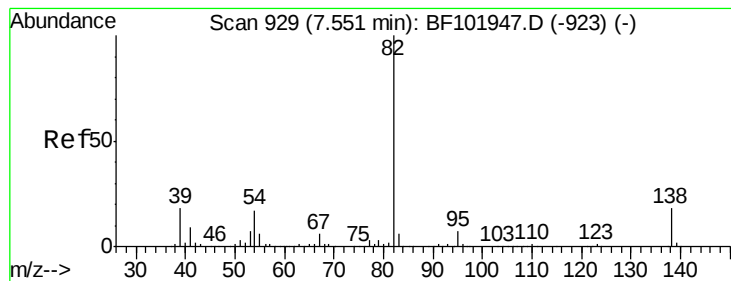


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.64 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

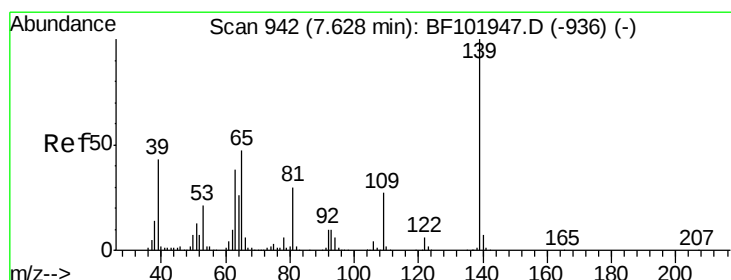
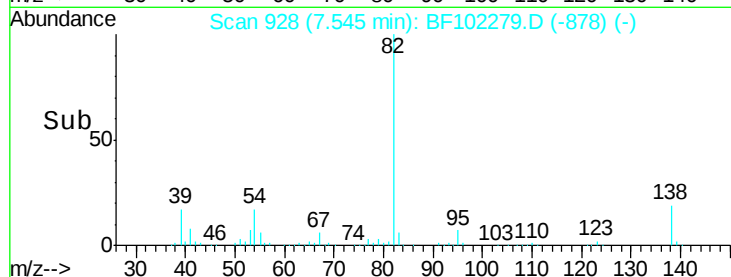
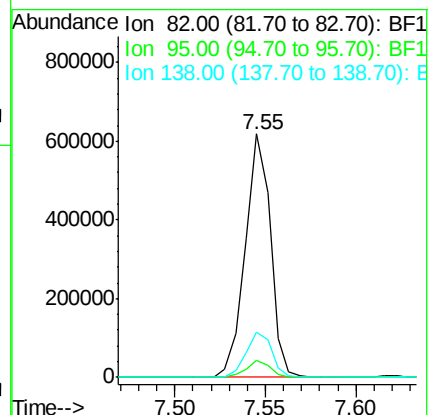
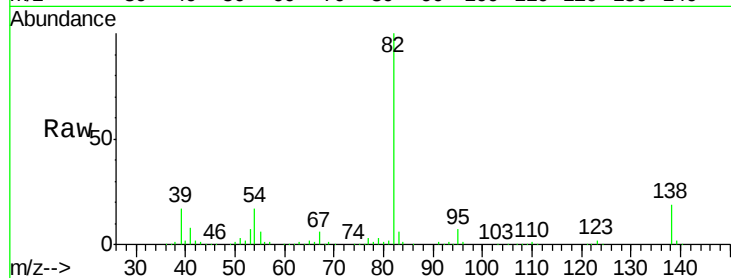
Tot Ion: 82 Resp: 598540

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 44.86 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

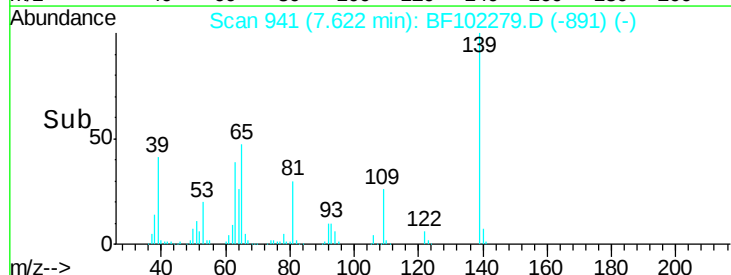
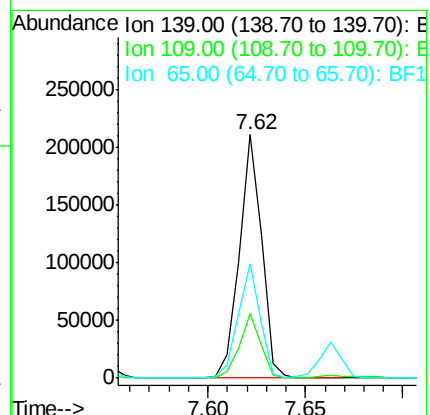
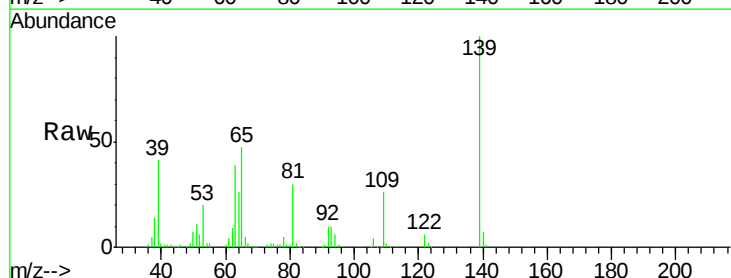
Tgt Ion: 139 Resp: 166811

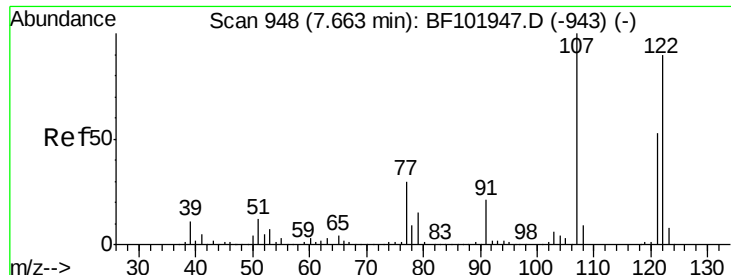
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 47.0 40.5 60.7

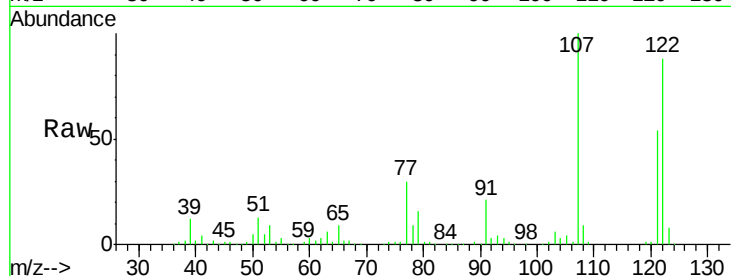




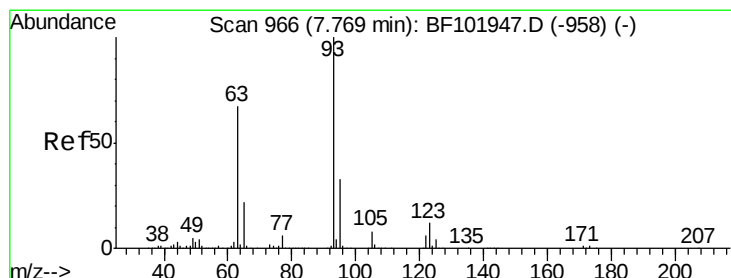
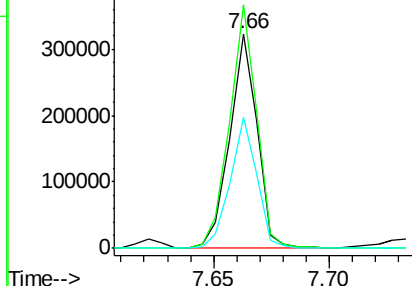
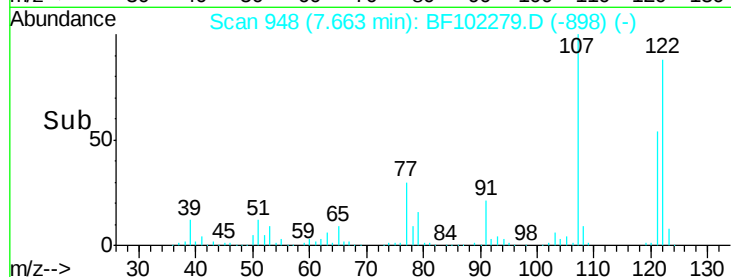
#27
 2,4-Dimethylphenol
 Concen: 38.50 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 267320
 Ion Ratio Lower Upper
 122 100
 107 113.5 91.2 136.8
 121 61.1 47.2 70.8

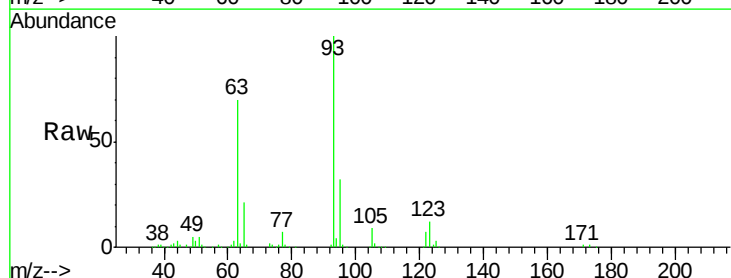


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

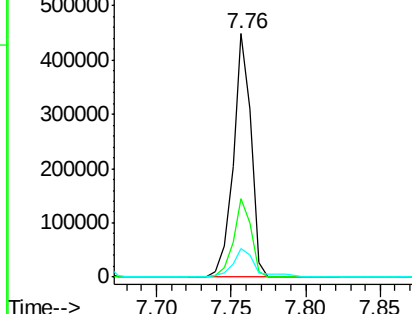
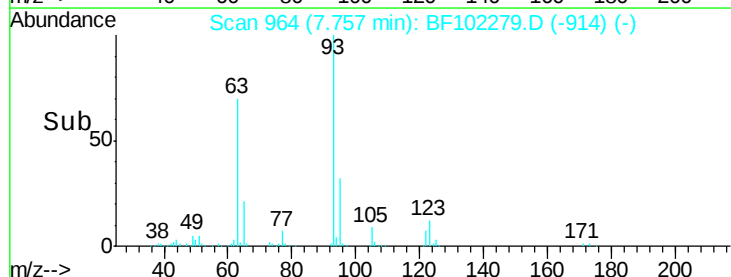


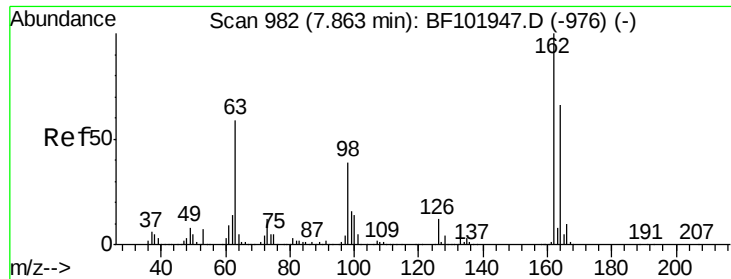
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.08 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion: 93 Resp: 375583
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.3 39.5
 123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

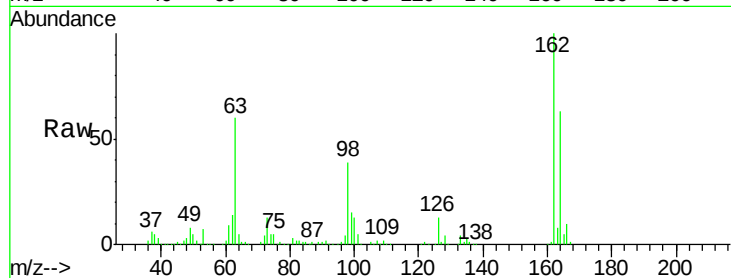




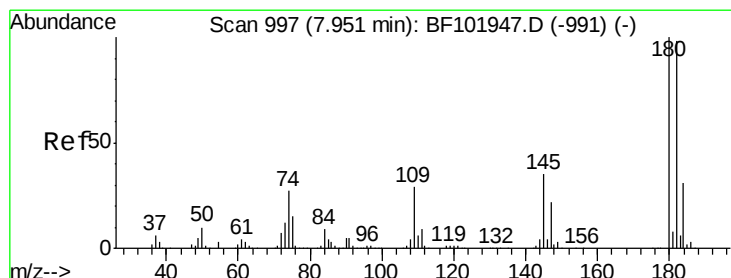
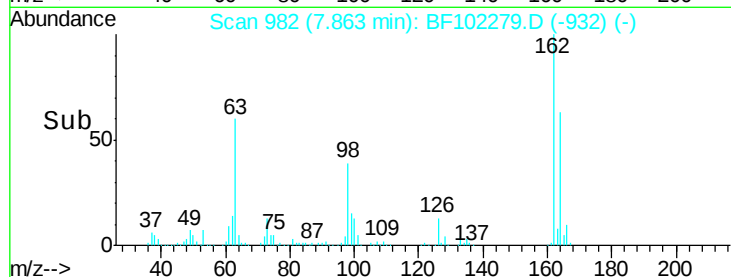
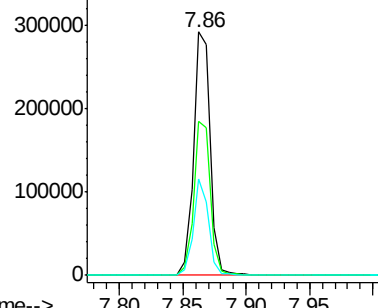
#29
2,4-Dichlorophenol
Concen: 40.98 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	39.4	18.1	58.1

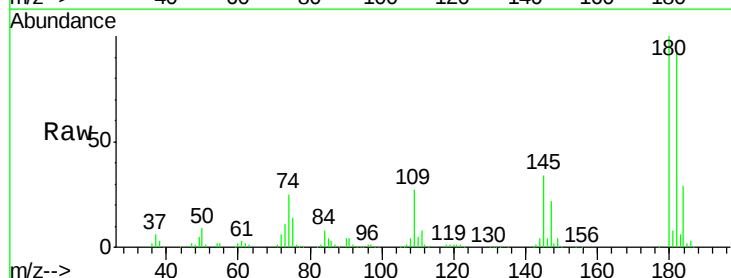


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

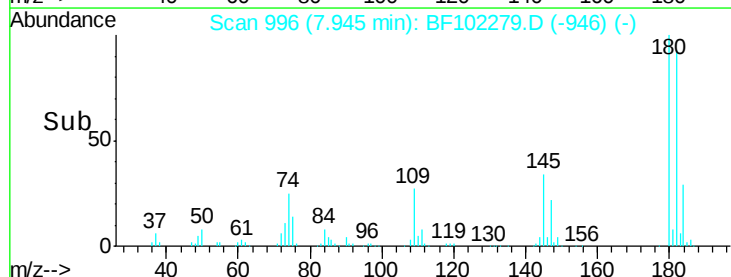
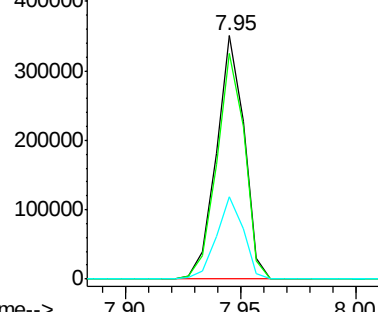


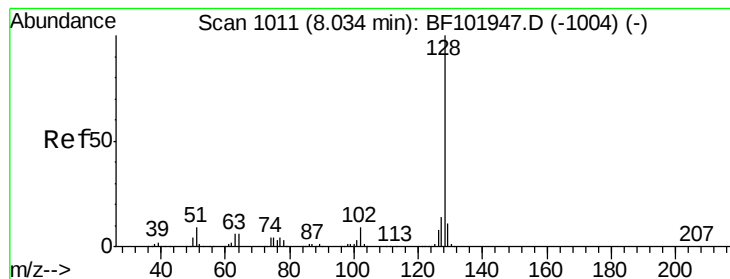
#30
1,2,4-Trichlorobenzene
Concen: 42.61 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.8	115.2
145	33.8	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: 40.53 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

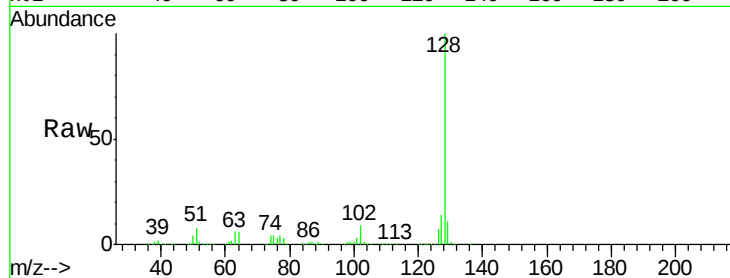
Tot Ion:128 Resp: 983860

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

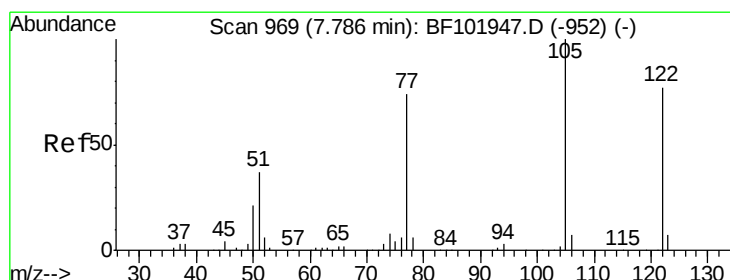
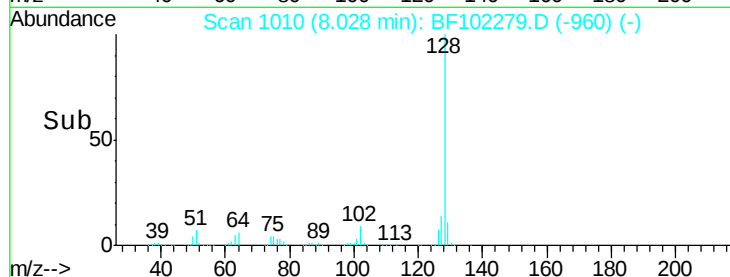
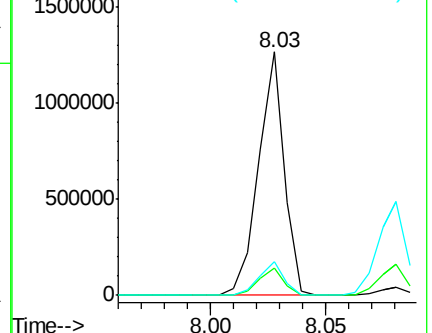
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.72 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

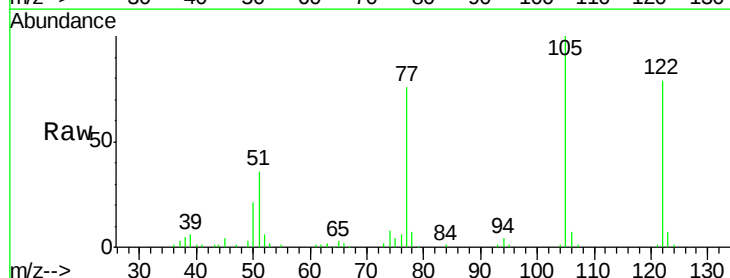
Tgt Ion:122 Resp: 151219

Ion Ratio Lower Upper

122 100

105 127.2 101.1 141.1

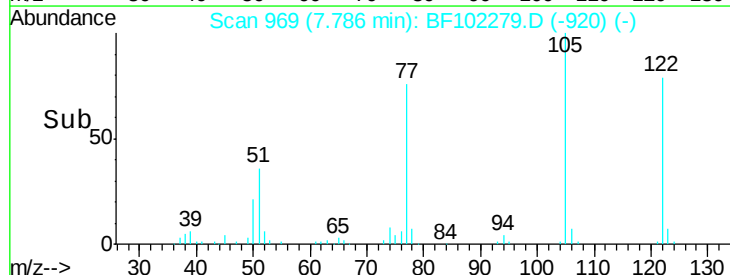
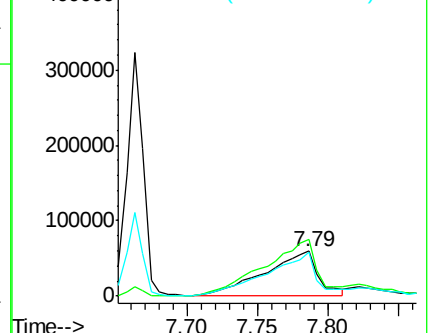
77 96.9 70.7 110.7

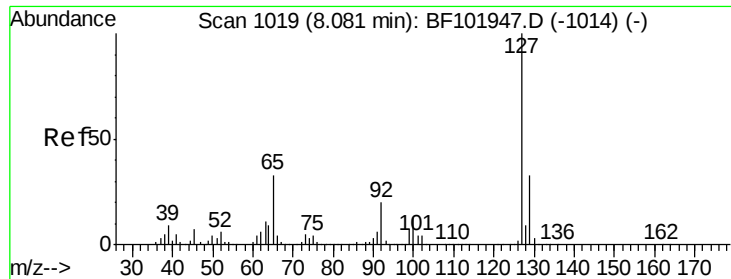


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

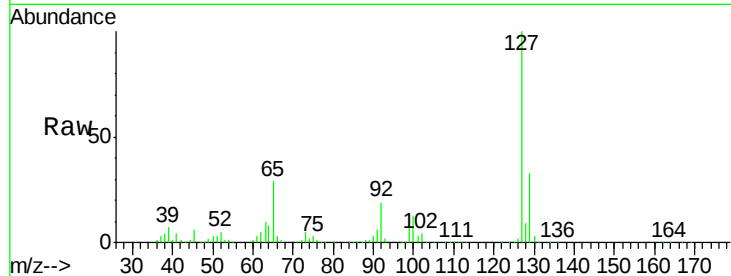




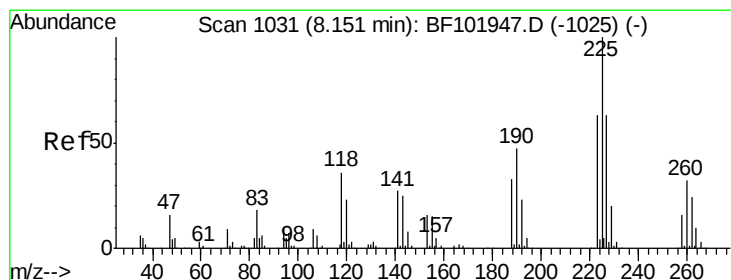
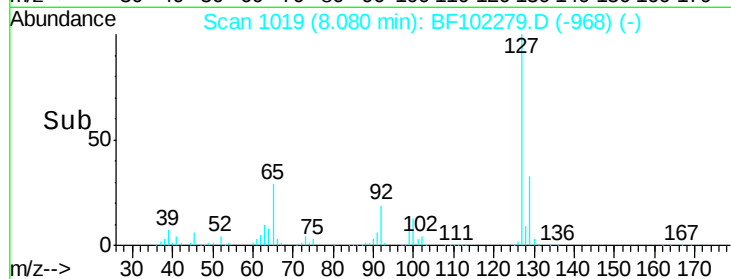
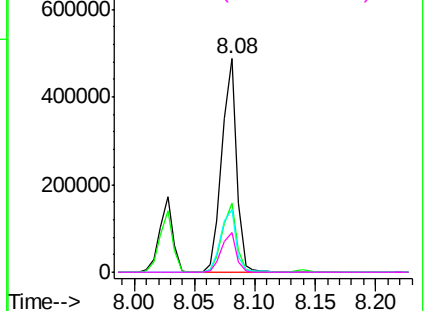
#33
4-Chloroaniline
Concen: 39.77 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	412076
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.4	25.0	37.4
92	18.8	15.2	22.8

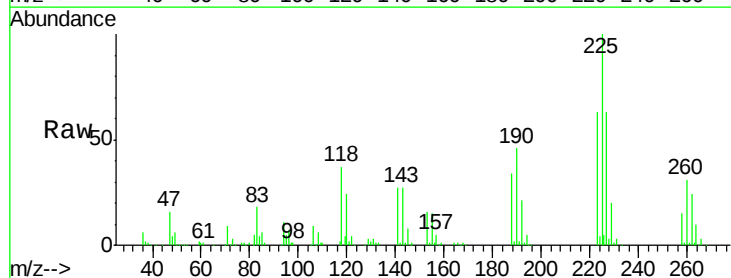


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

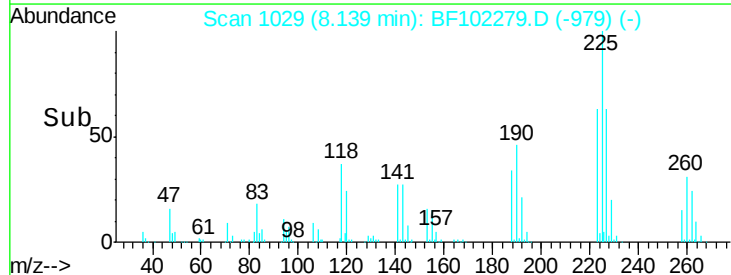
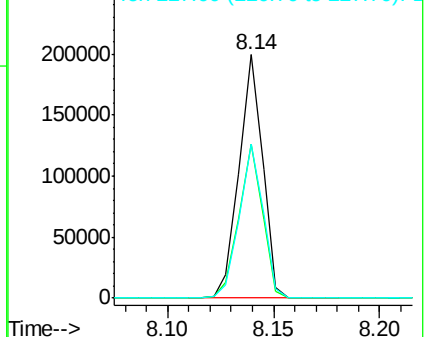


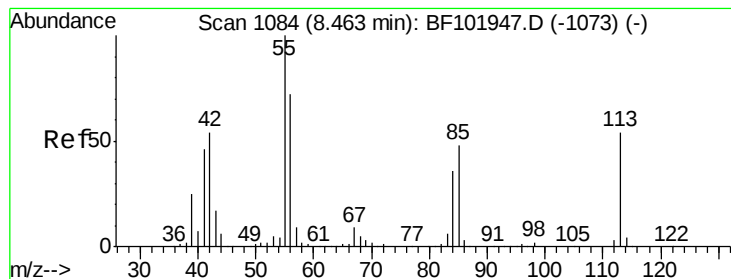
#34
Hexachlorobutadiene
Concen: 42.30 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:	225	Resp:	154412
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.96 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

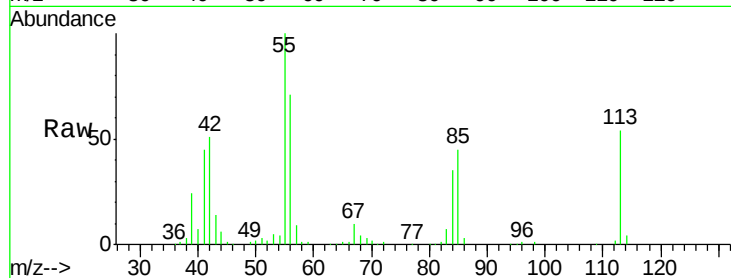
Tot Ion:113 Resp: 85928

Ion Ratio Lower Upper

113 100

55 183.6 163.3 203.3

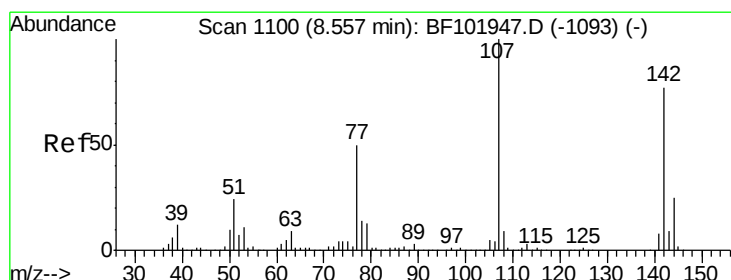
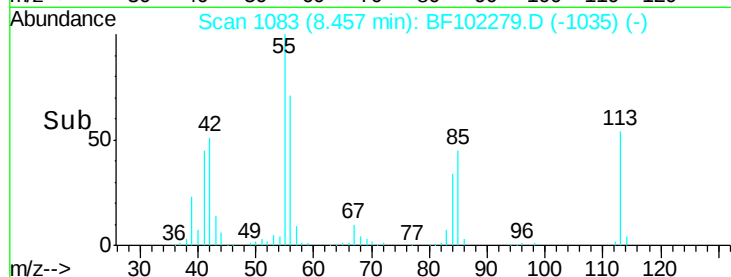
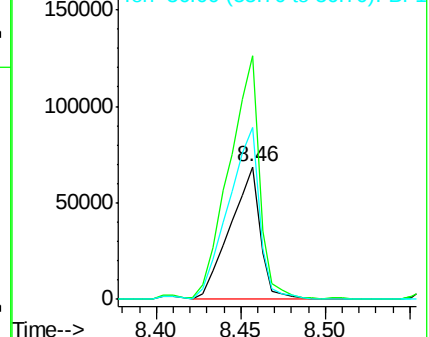
56 129.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.92 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

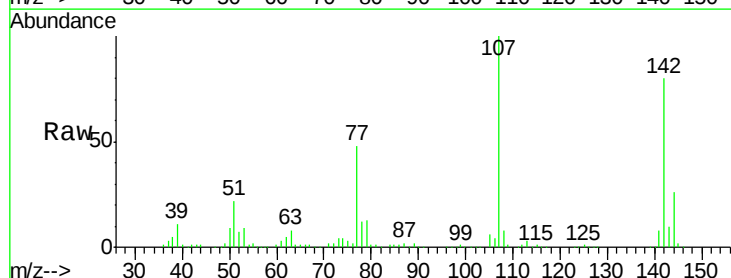
Tgt Ion:107 Resp: 280908

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

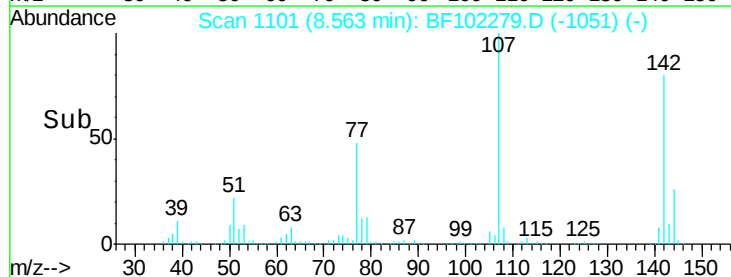
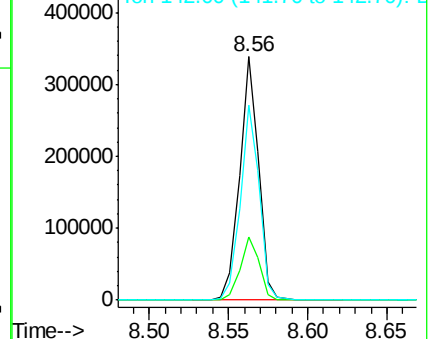
142 80.0 62.0 93.0

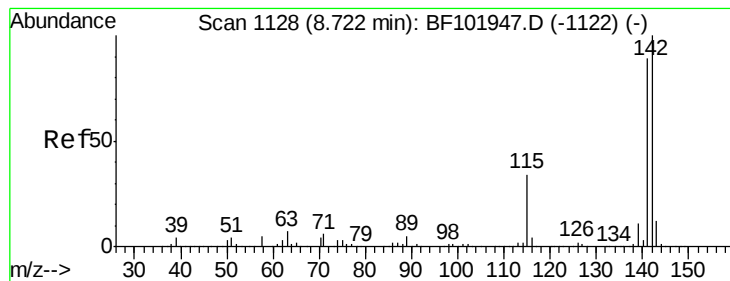


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.61 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

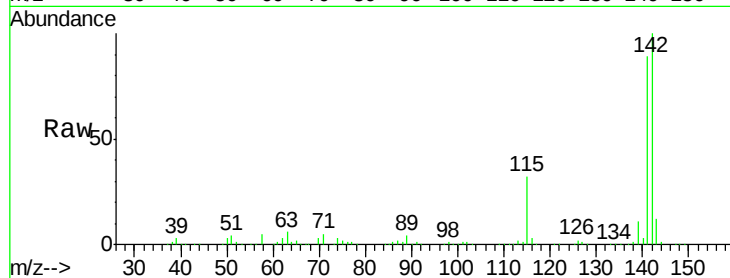
Tot Ion:142 Resp: 633072

Ion Ratio Lower Upper

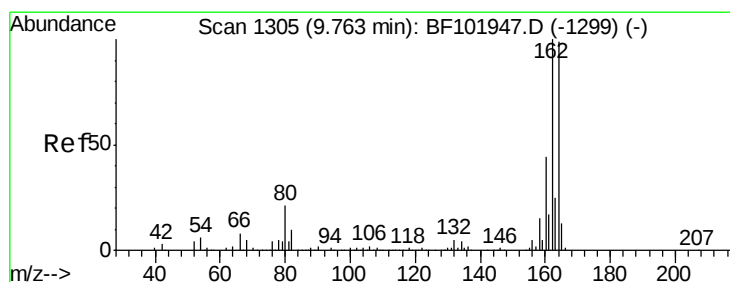
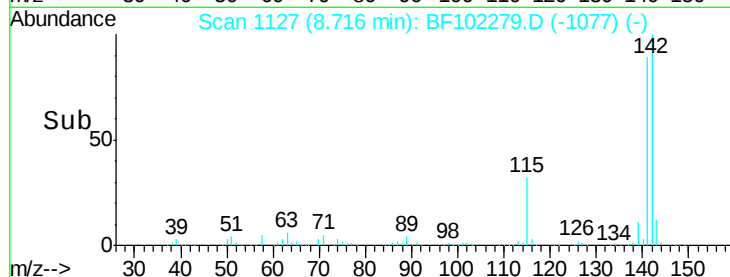
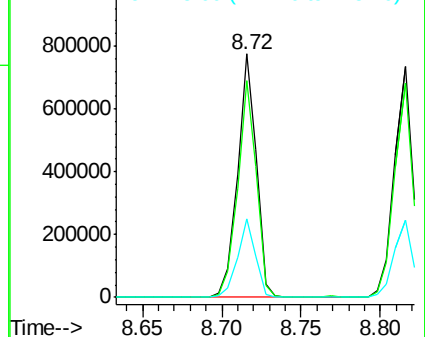
142 100

141 89.1 70.8 106.2

115 32.3 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

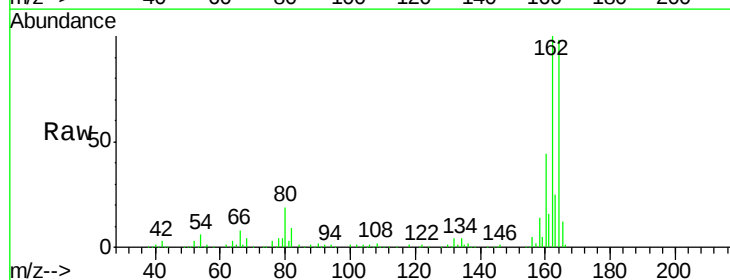
Tgt Ion:164 Resp: 199287

Ion Ratio Lower Upper

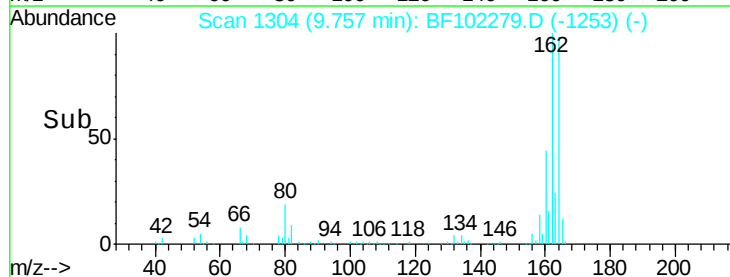
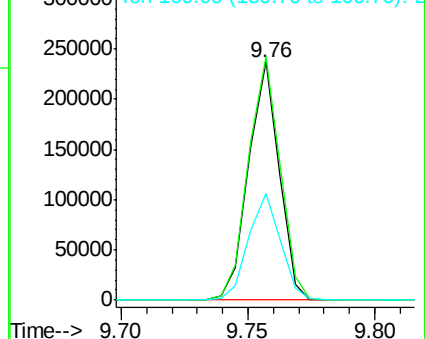
164 100

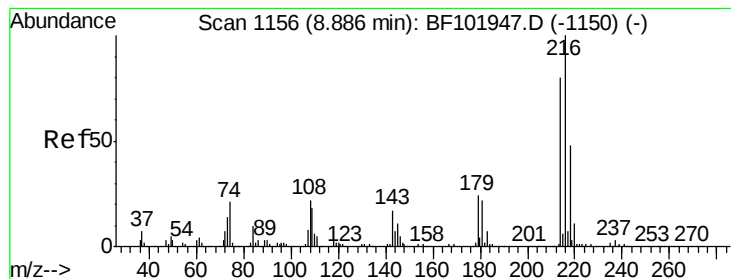
162 102.4 86.1 129.1

160 44.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.73 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 252193

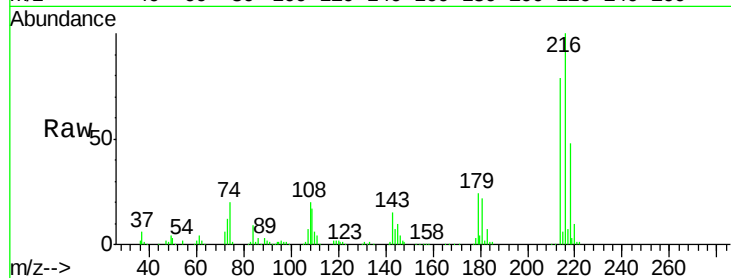
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 23.1 18.1 27.1

108 19.4 17.2 25.8

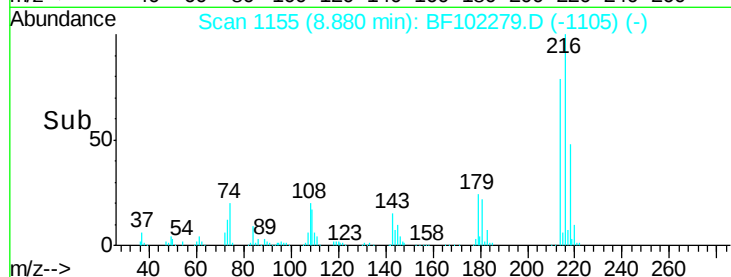


Abundance Ion 216.00 (215.70 to 216.70): E

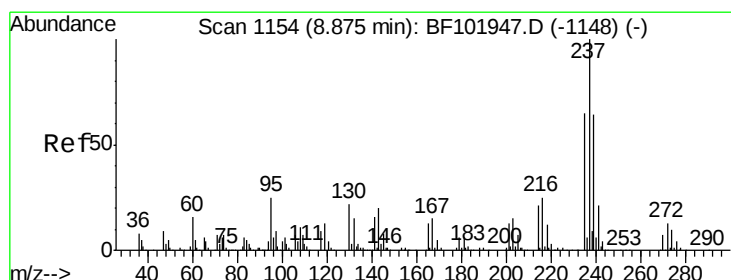
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 3.18 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

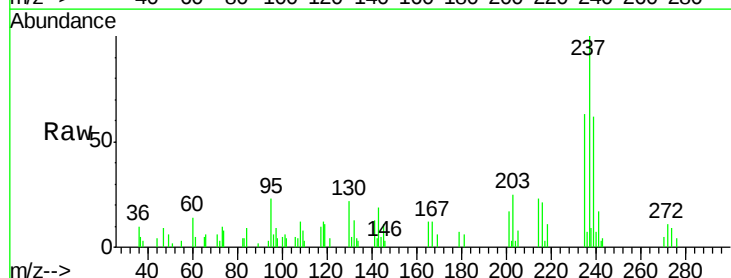
Tgt Ion:237 Resp: 9804

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

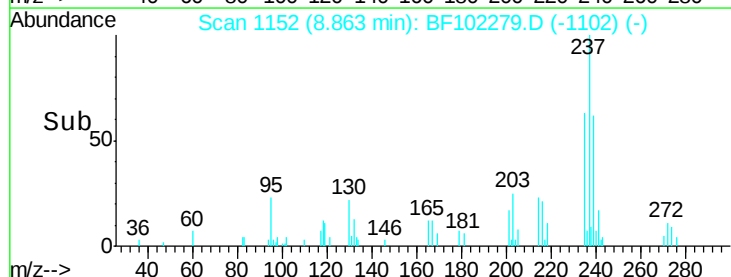
272 11.4 0.0 33.3



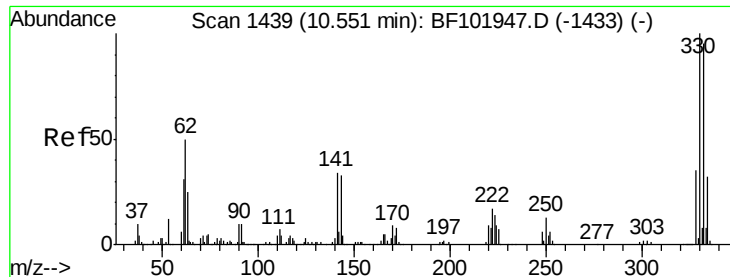
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



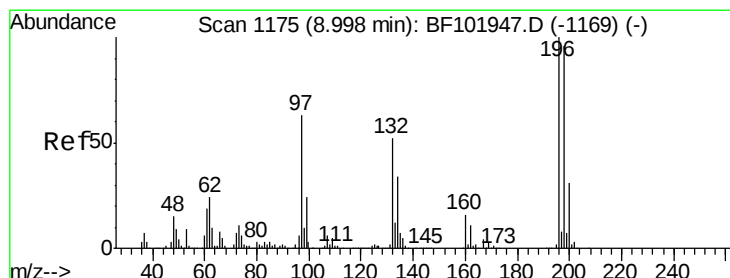
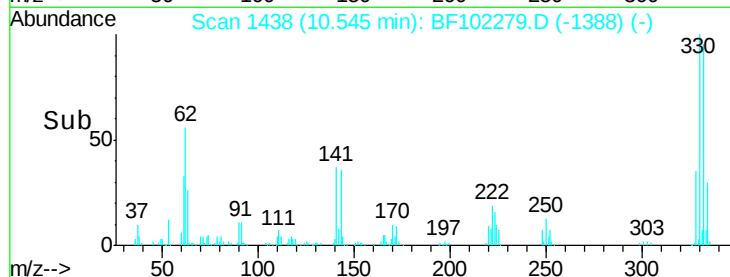
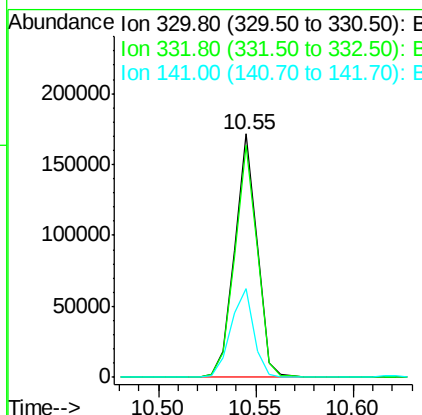
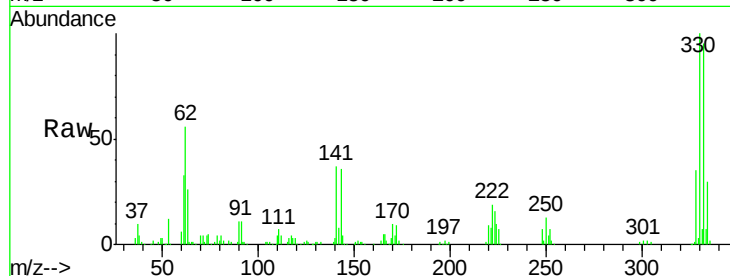
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 78.65 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

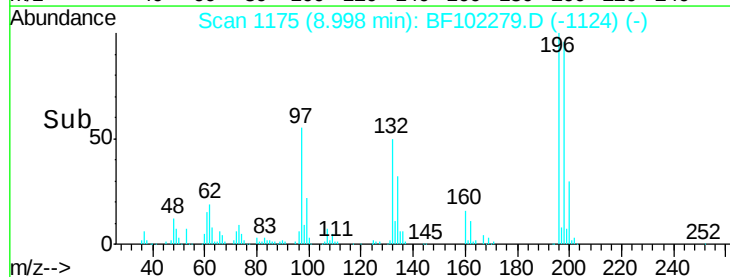
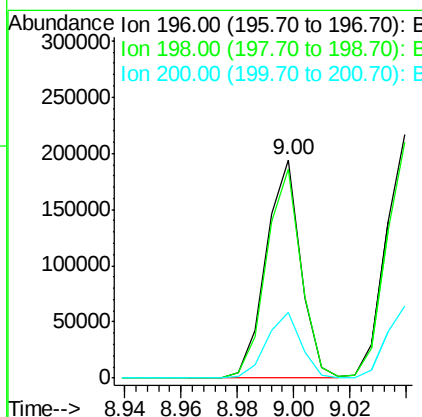
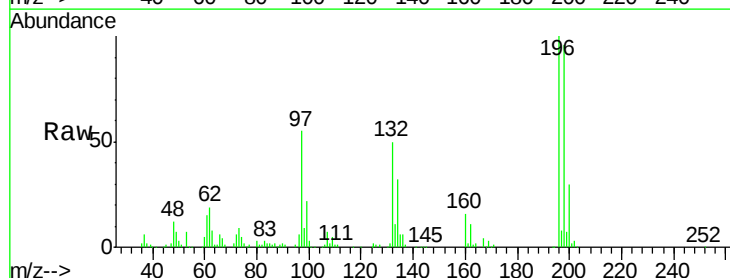
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

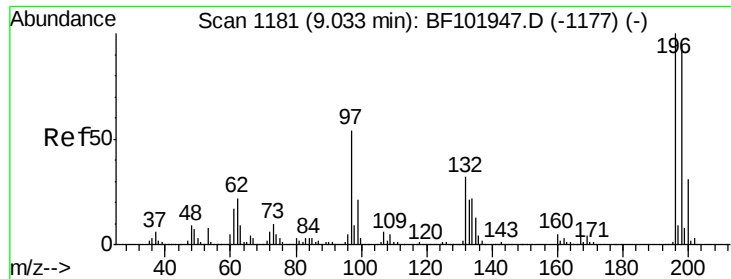
Tot Ion:330 Resp: 136779
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 37.6 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.68 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion:196 Resp: 165809
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.0 24.5 36.7

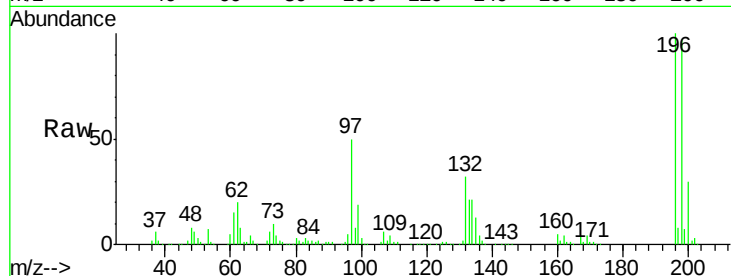




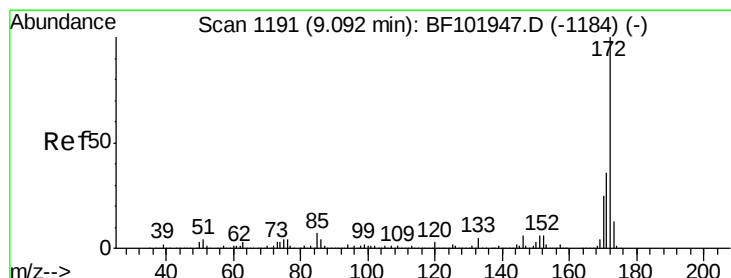
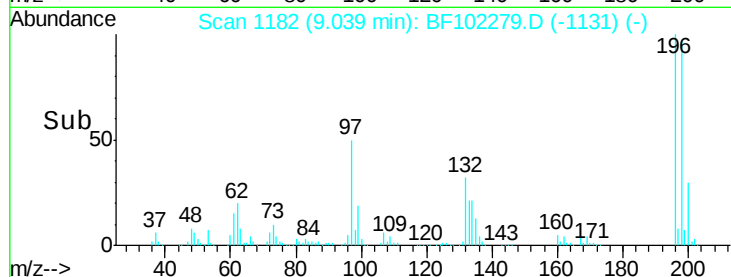
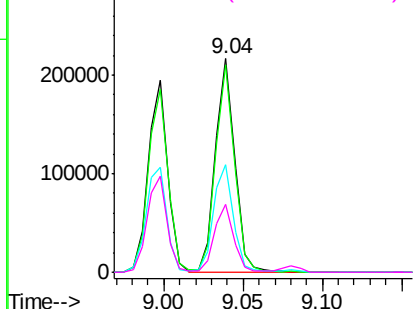
#43
 2,4,5-Trichlorophenol
 Concen: 42.05 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp:	184654
Ion Ratio	Lower	Upper
196	100	
198	96.9	74.6 112.0
97	50.2	42.9 64.3
132	31.6	26.3 39.5

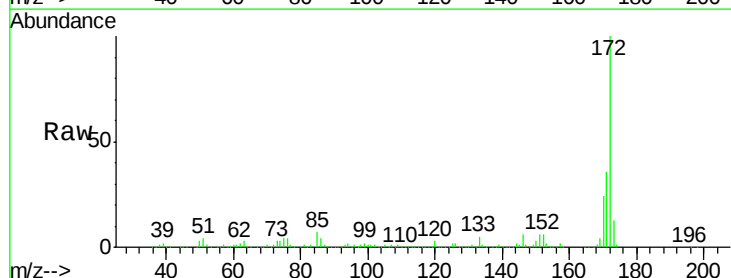


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

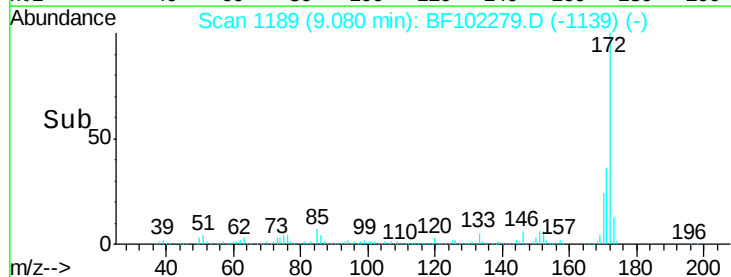
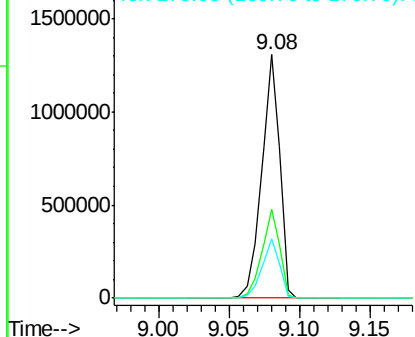


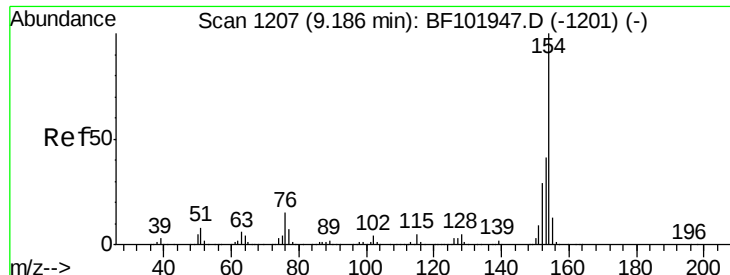
#44
 2-Fluorobiphenyl
 Concen: 92.33 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion:172	Resp:	1177830
Ion Ratio	Lower	Upper
172	100	
171	36.3	29.7 44.5
170	24.3	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

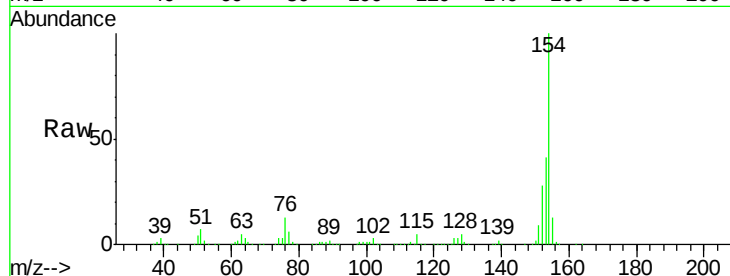




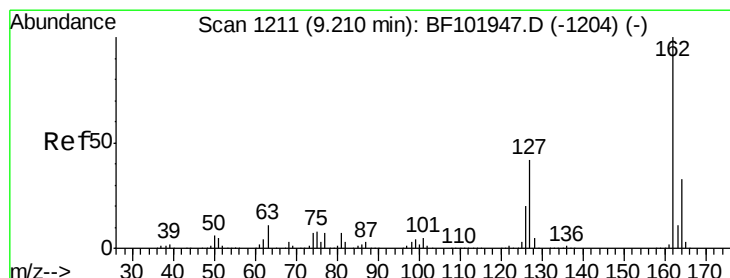
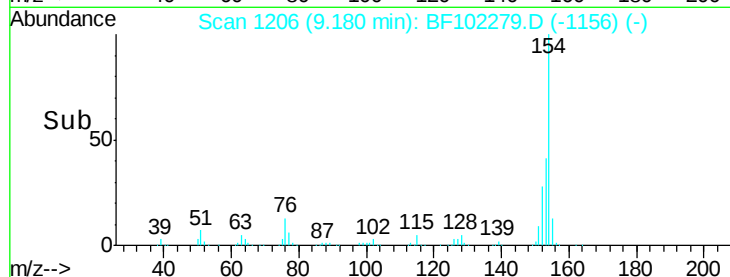
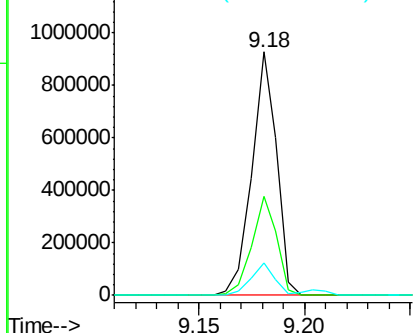
#45
1,1'-Biphenyl
Concen: 43.02 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.2	0.0	34.0

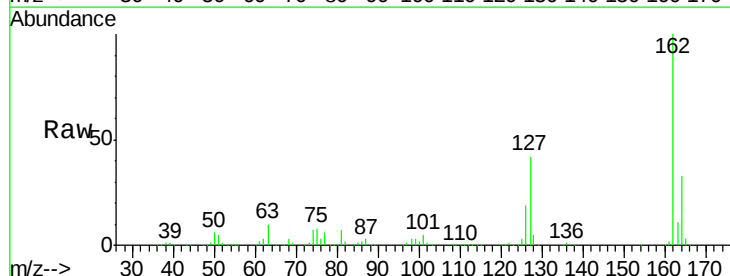


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

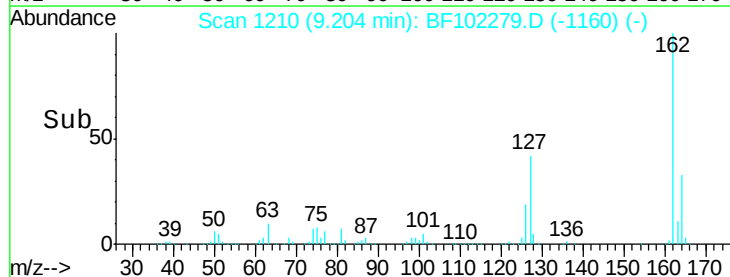
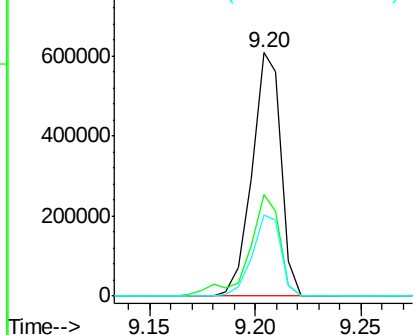


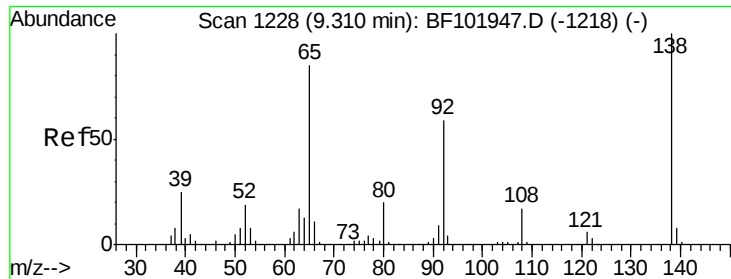
#46
2-Chloronaphthalene
Concen: 42.24 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.9	50.9
164	33.1	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

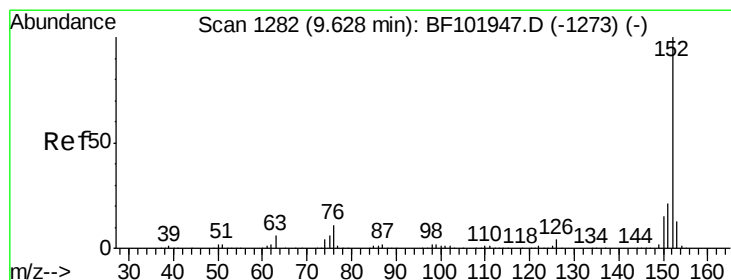
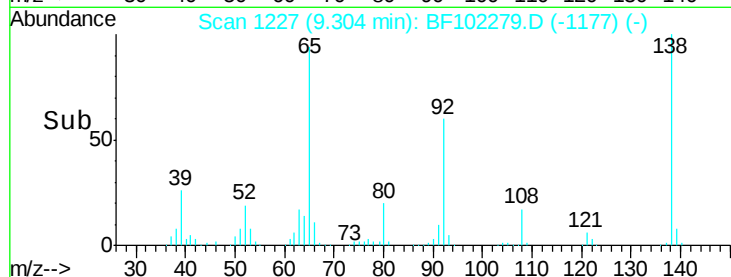
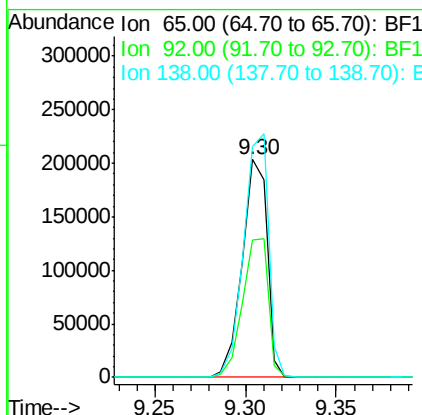
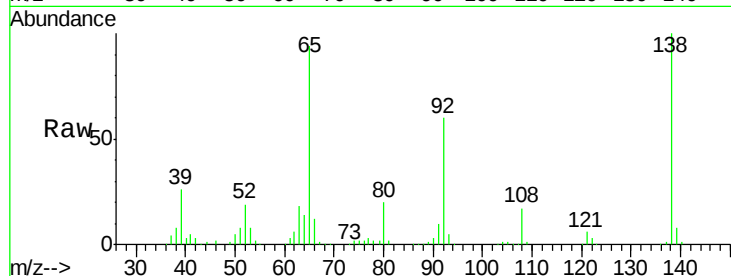




#47
2-Nitroaniline
Concen: 47.62 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

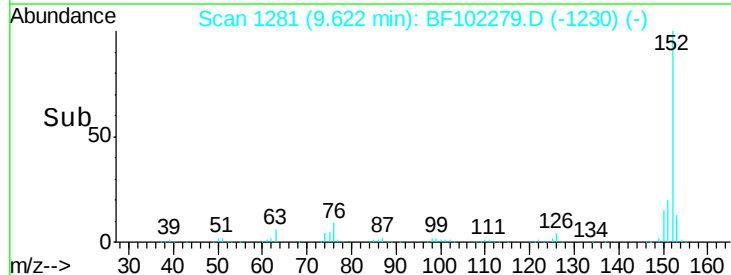
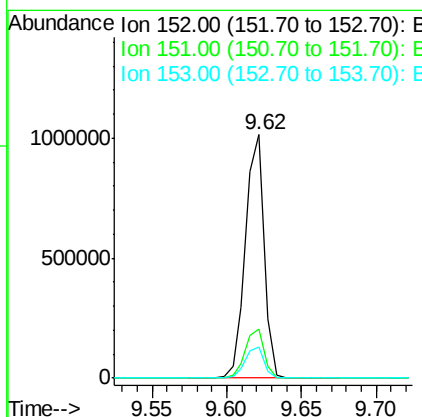
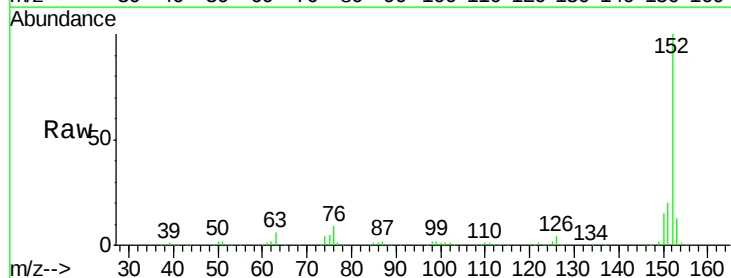
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

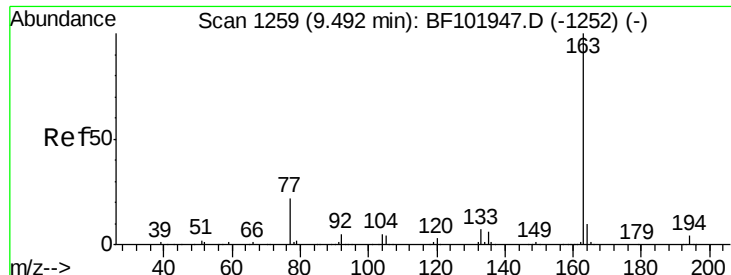
Tot Ion: 65 Resp: 194850
Ion Ratio Lower Upper
65 100
92 63.4 55.8 83.6
138 106.2 91.2 136.8



#48
Acenaphthylene
Concen: 40.59 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion: 152 Resp: 879786
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.9 10.7 16.1

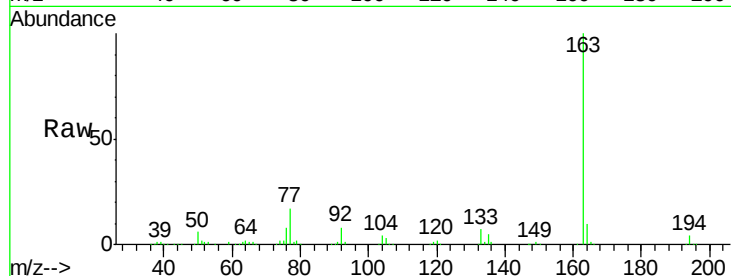




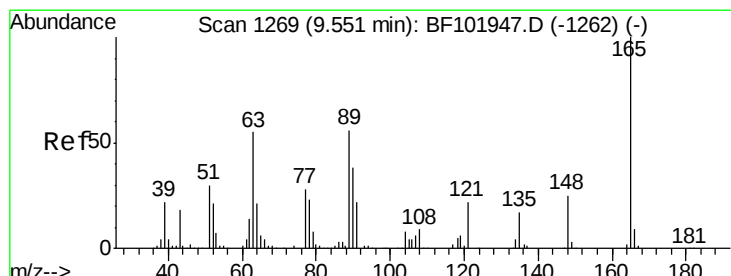
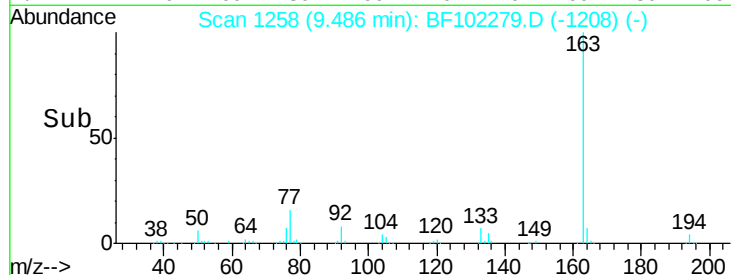
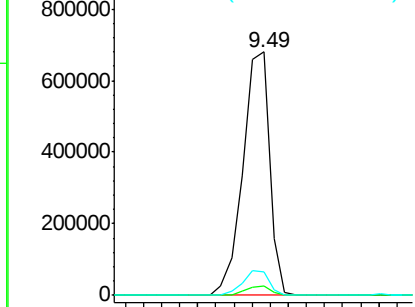
#49
Dimethylphthalate
Concen: 43.54 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 696083
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

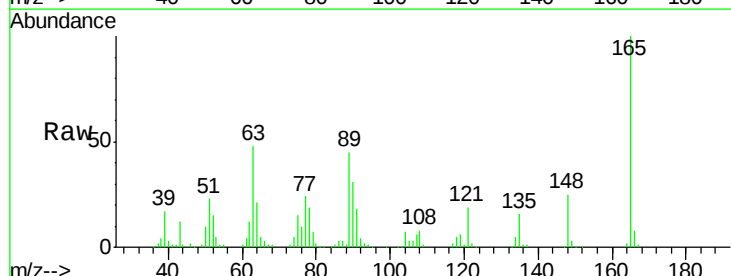


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

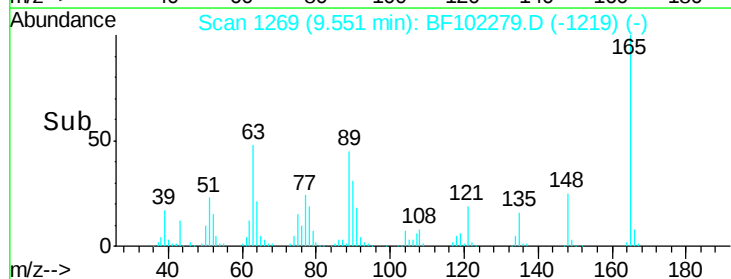
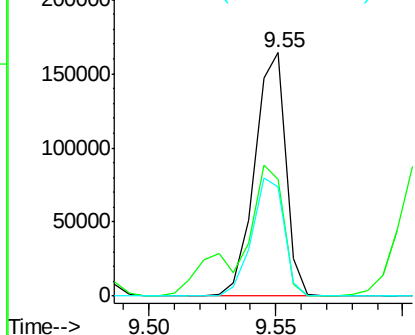


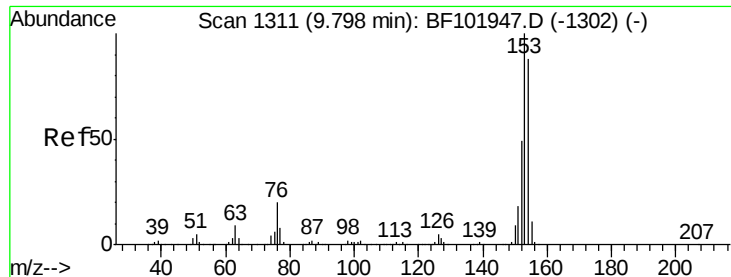
#50
2,6-Dinitrotoluene
Concen: 43.99 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:165 Resp: 140468
Ion Ratio Lower Upper
165 100
63 47.9 44.7 67.1
89 44.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.92 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

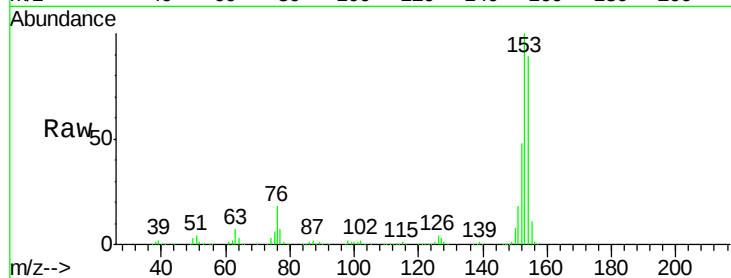
Tot Ion:154 Resp: 498952

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

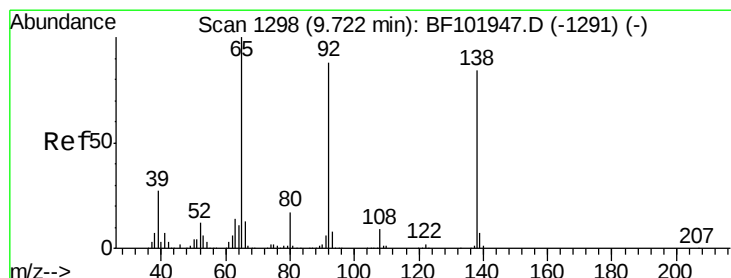
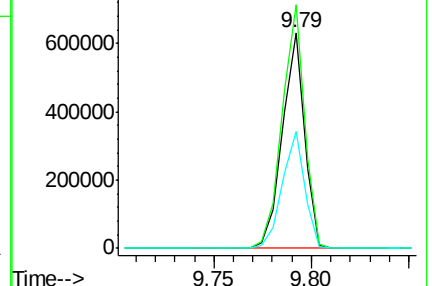
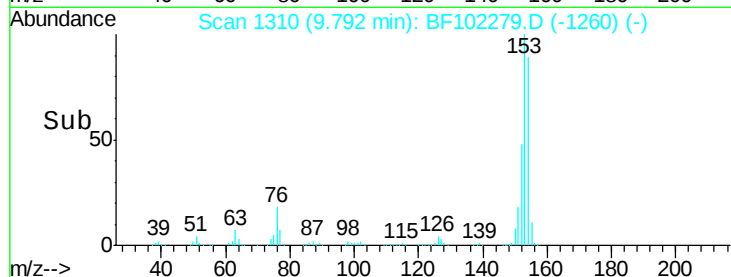
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.63 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

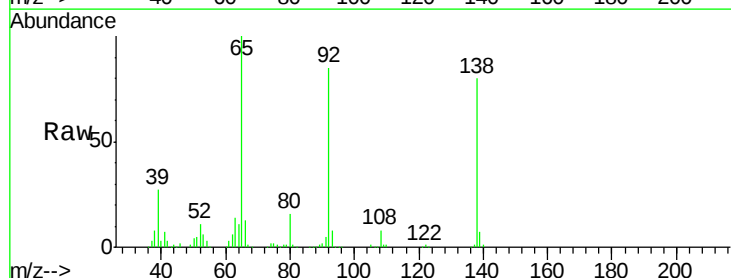
Tgt Ion:138 Resp: 179882

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

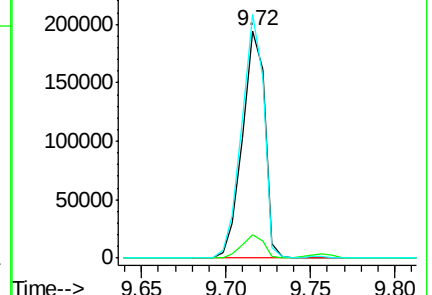
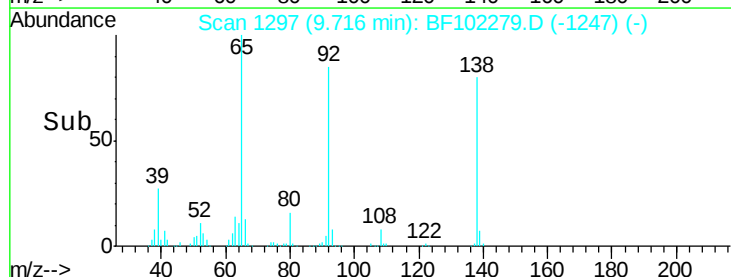
92 107.0 89.4 134.2

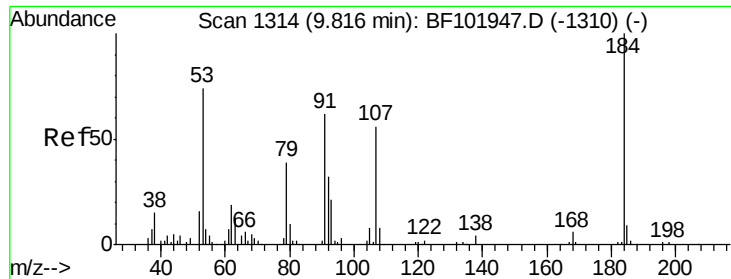


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

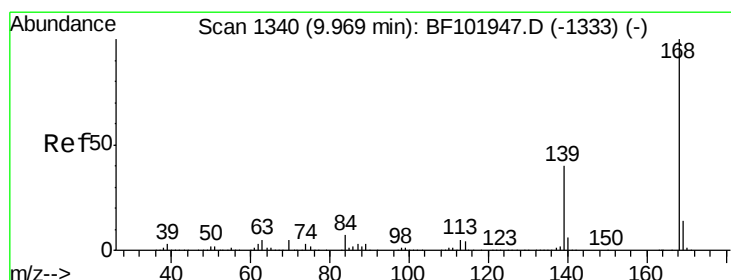
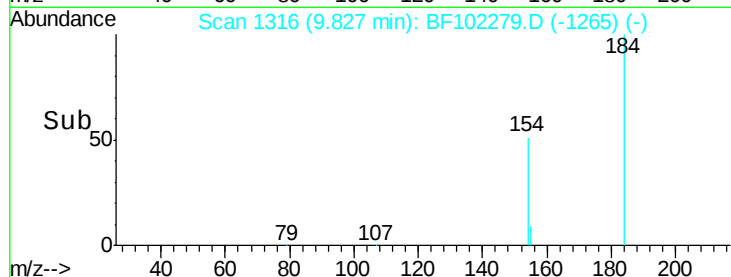
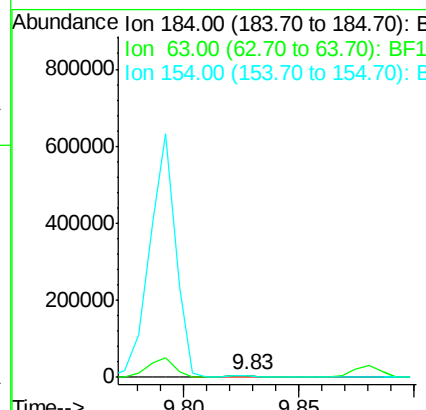
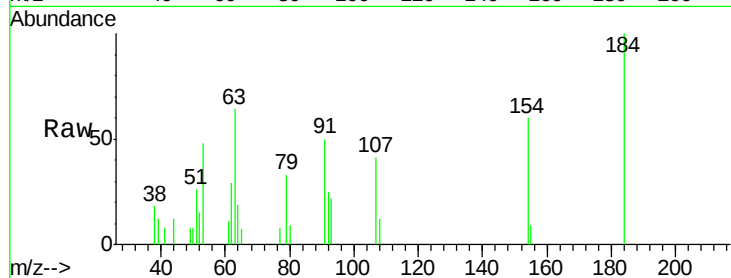




#53
2,4-Dinitrophenol
Concen: 12.38 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

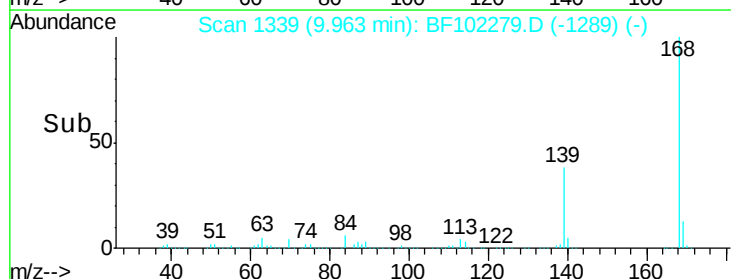
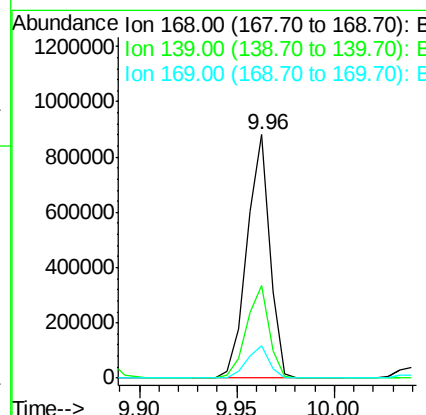
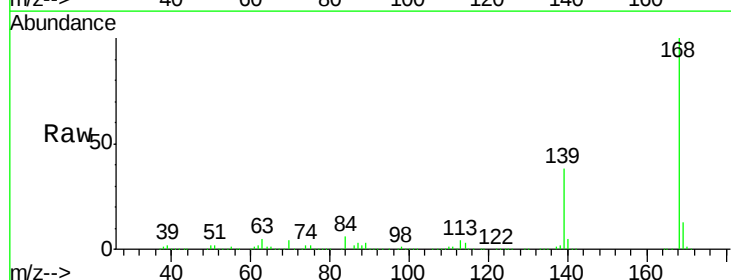
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

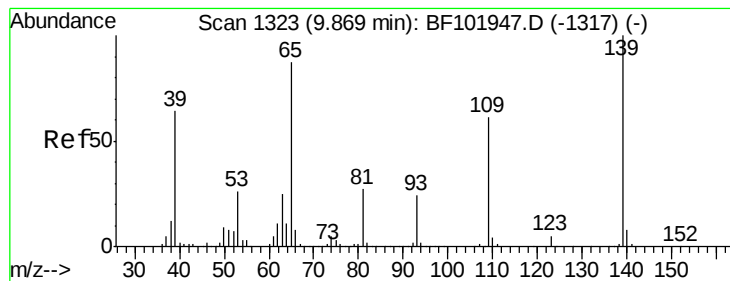
Tot Ion:184 Resp: 5090
Ion Ratio Lower Upper
184 100
63 63.9 54.2 81.2
154 59.7 184.0 276.0#



#54
Dibenzofuran
Concen: 39.39 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:168 Resp: 711227
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 13.3 10.9 16.3





#55

4-Nitrophenol

Concen: 34.51 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

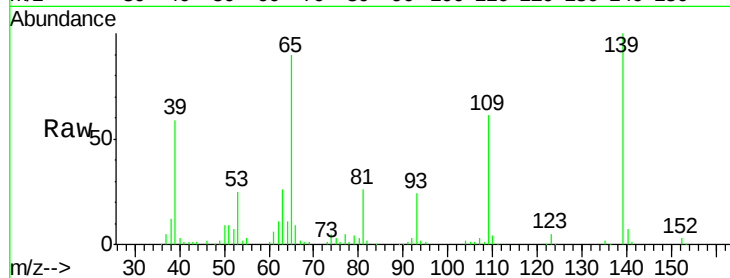
Tot Ion:139 Resp: 103665

Ion Ratio Lower Upper

139 100

109 61.3 48.4 88.4

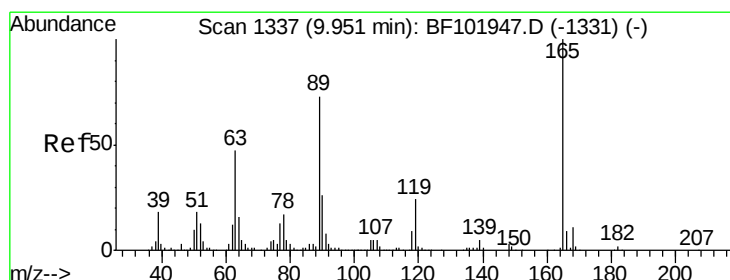
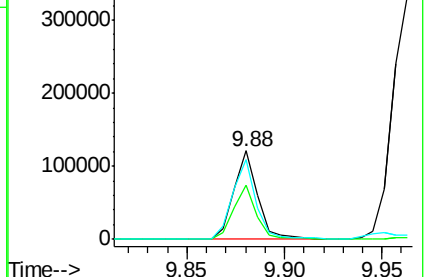
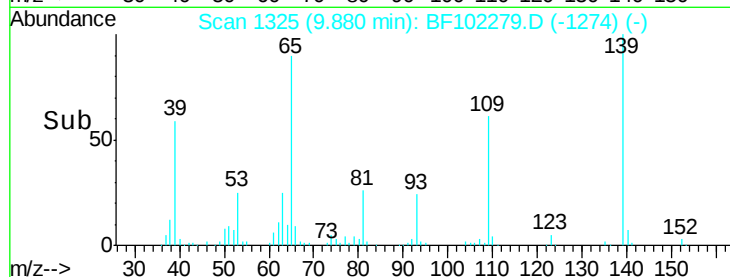
65 90.1 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 41.02 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Tgt Ion:165 Resp: 164170

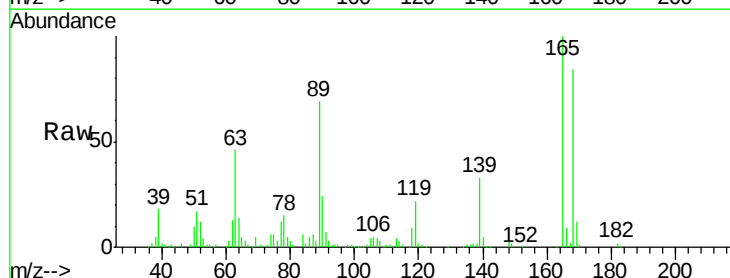
Ion Ratio Lower Upper

165 100

63 46.3 36.4 54.6

89 68.5 57.8 86.6

182 2.2 1.6 2.4

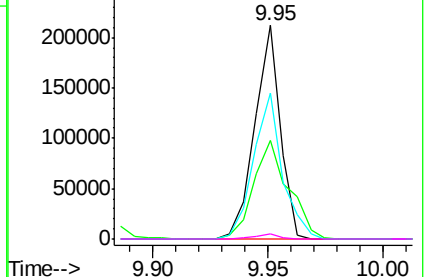
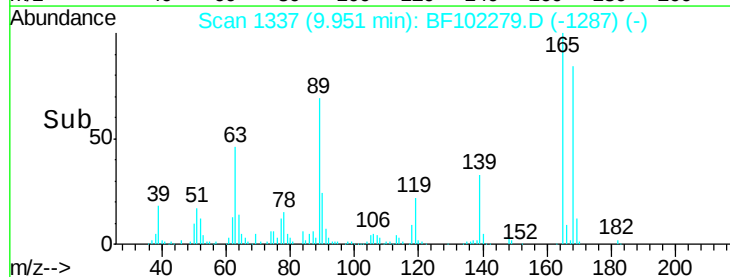


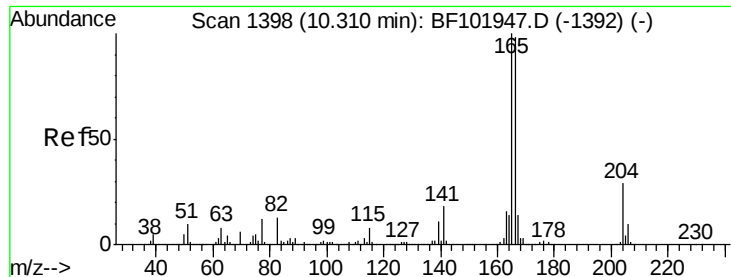
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.52 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

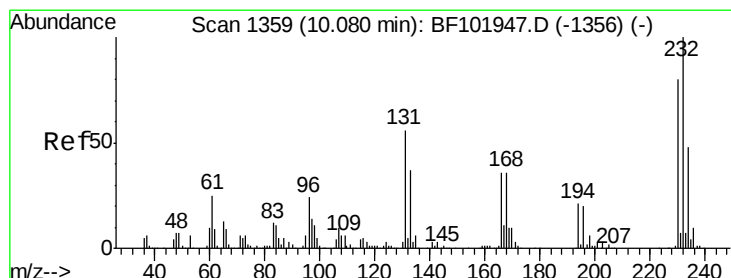
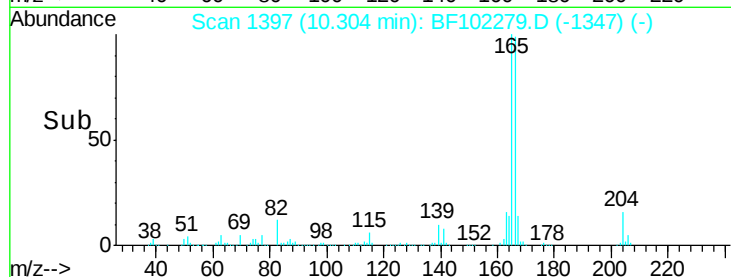
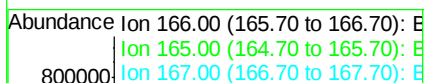
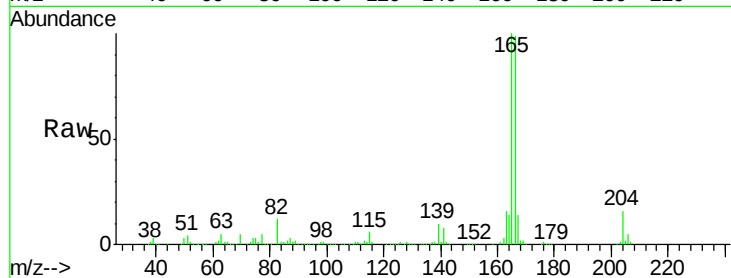
Tot Ion:166 Resp: 530821

Ion Ratio Lower Upper

166 100

165 101.0 79.8 119.8

167 13.7 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.96 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Tgt Ion:232 Resp: 118684

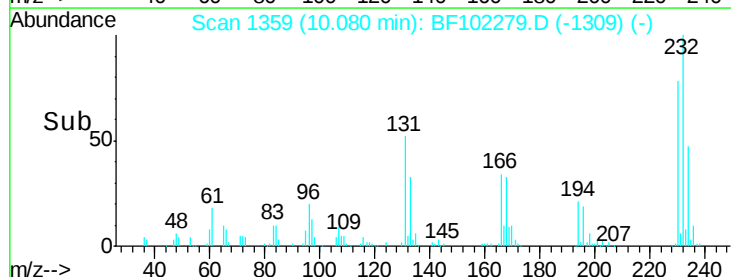
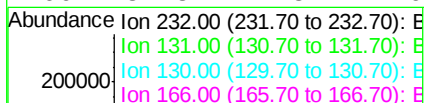
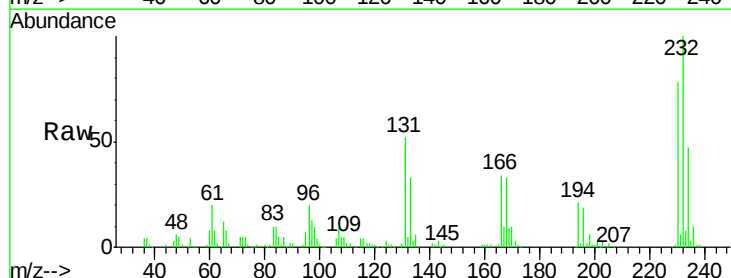
Ion Ratio Lower Upper

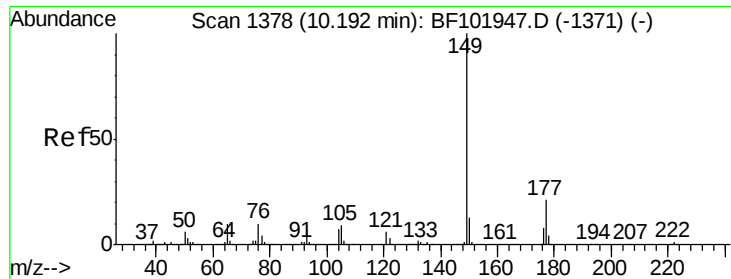
232 100

131 51.6 43.8 65.8

130 2.3 2.1 3.1

166 34.3 27.8 41.6

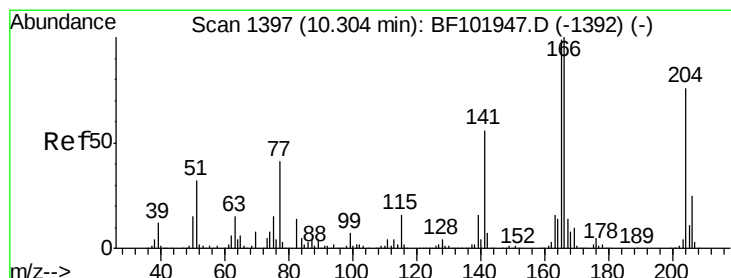
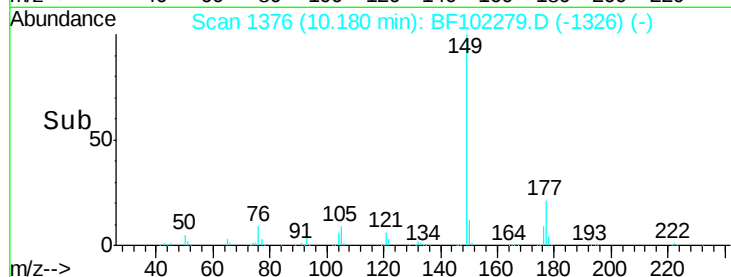
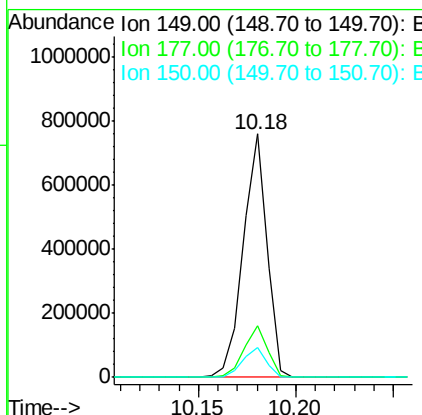
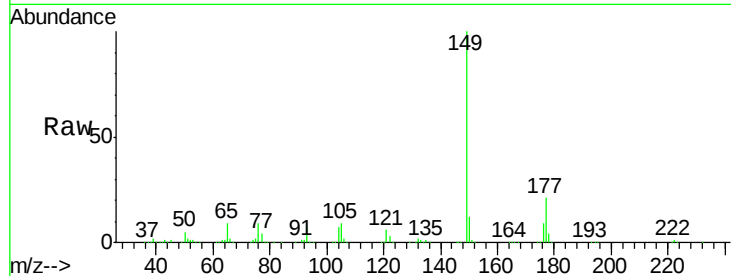




#59
Diethylphthalate
Concen: 40.26 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

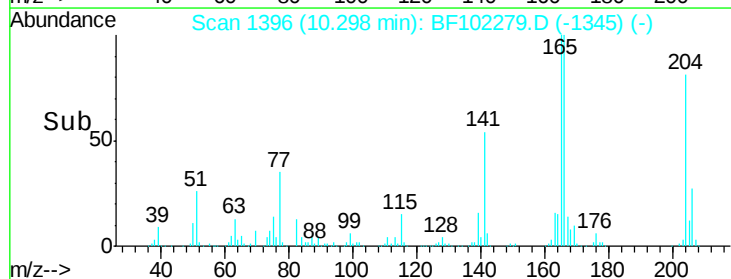
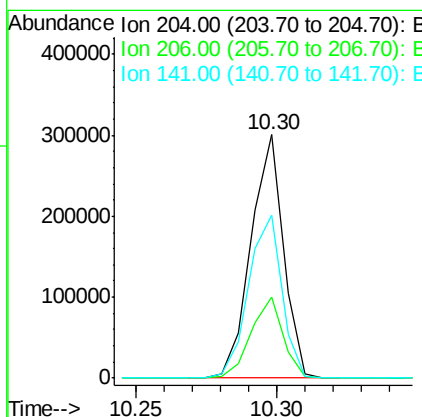
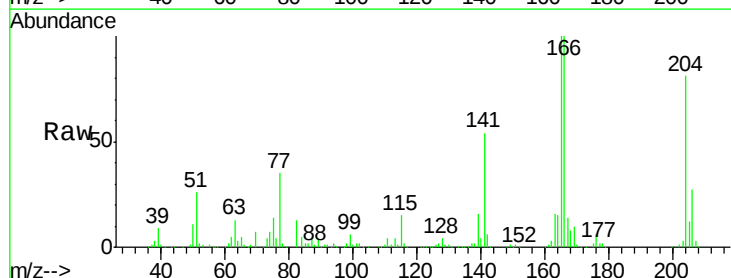
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

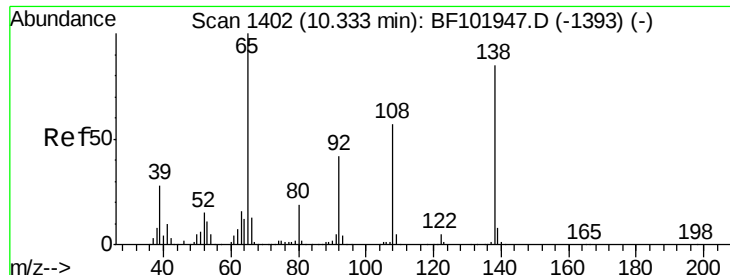
Tot Ion:149 Resp: 640311
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.16 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:204 Resp: 240045
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 66.7 54.6 81.8

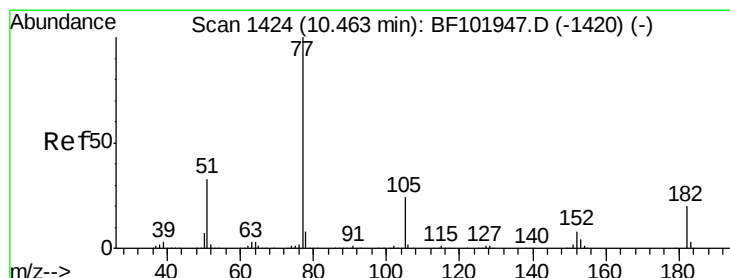
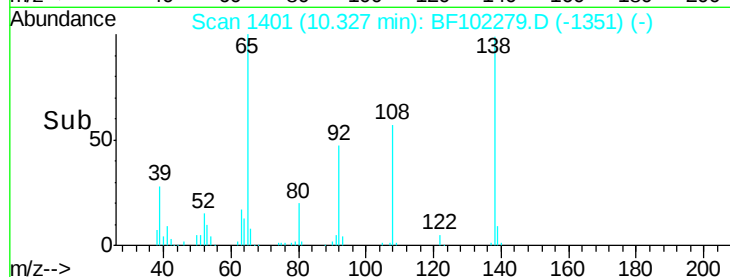
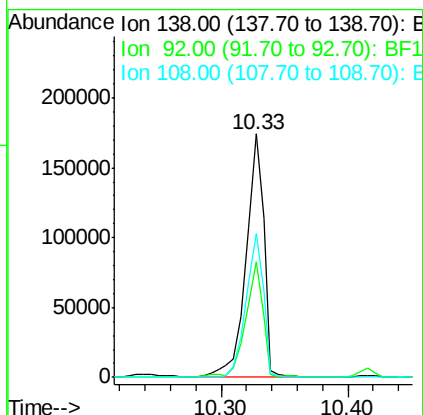
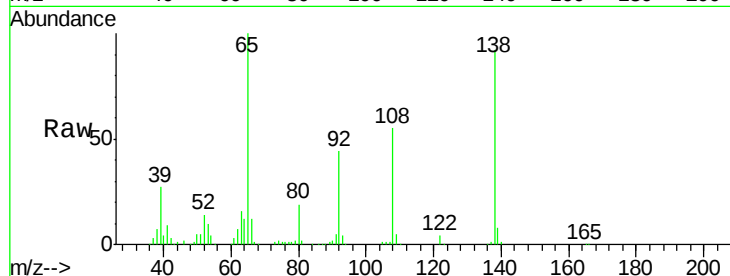




#61
4-Nitroaniline
Concen: 44.56 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

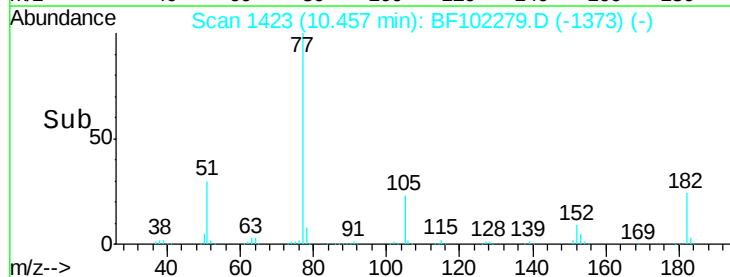
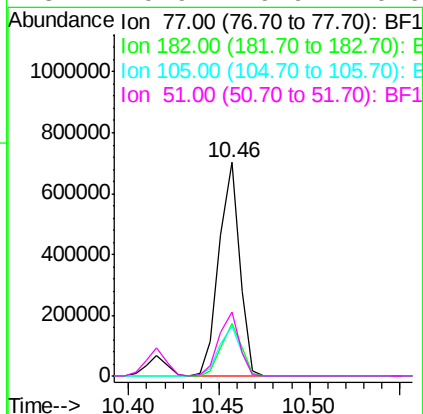
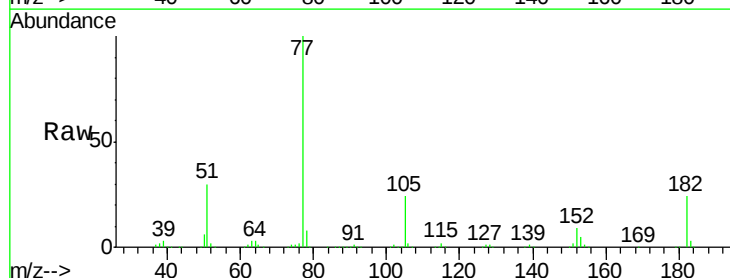
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

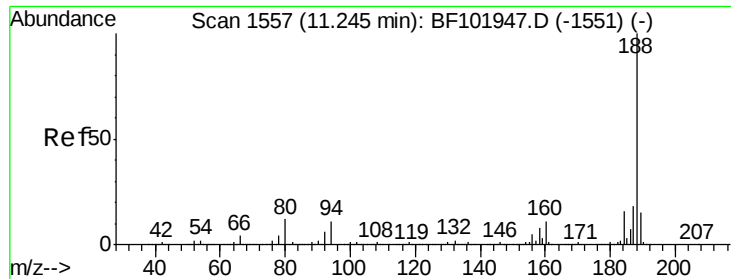
Tot Ion:138 Resp: 170420
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 59.3 52.5 92.5



#62
Azobenzene
Concen: 35.40 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion: 77 Resp: 560159
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 23.7 3.0 43.0
51 29.9 9.9 49.9

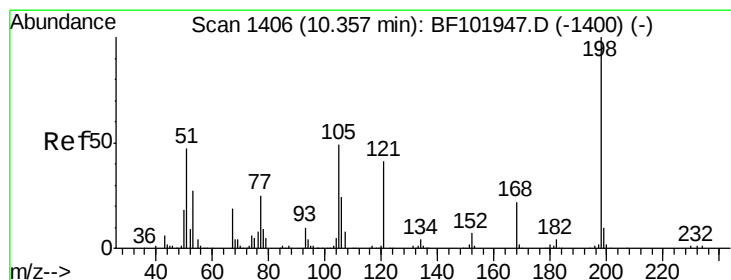
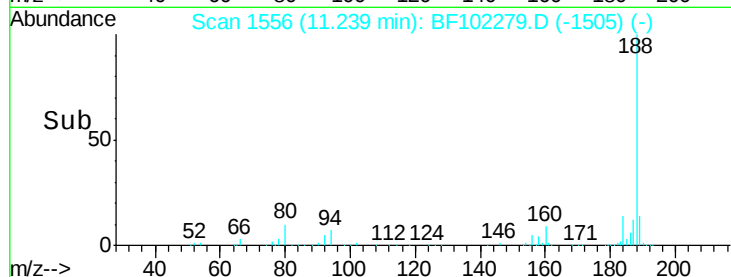
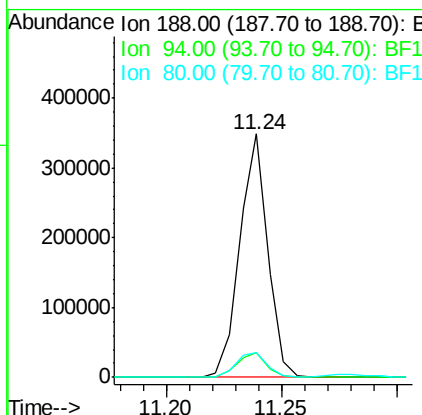
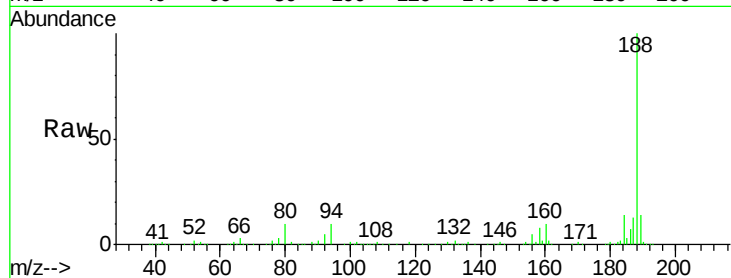




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

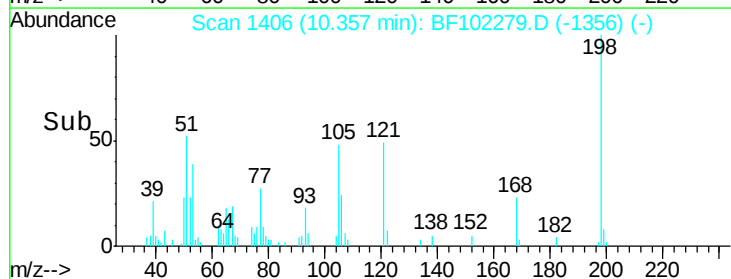
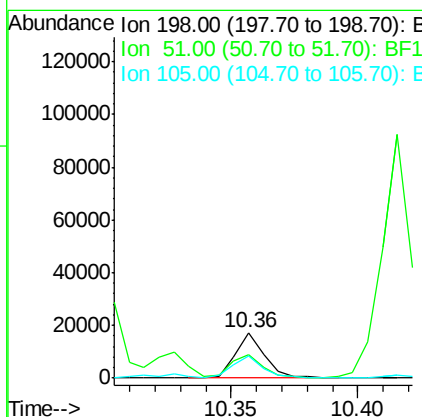
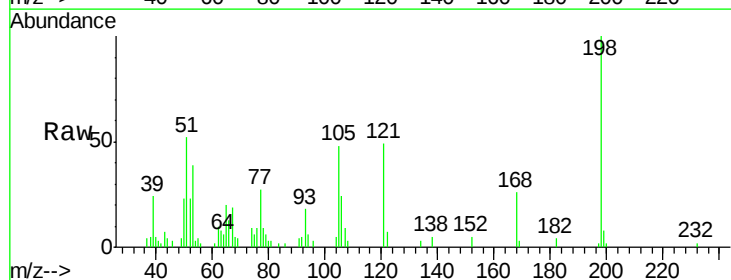
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

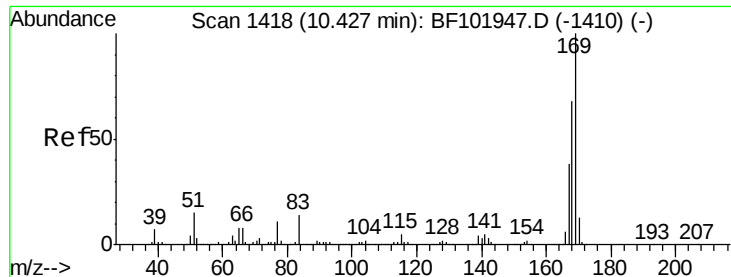
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.3	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.18 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.4	37.7	77.7
105	48.1	36.3	76.3

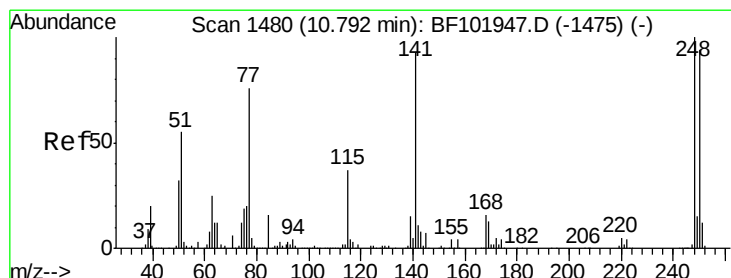
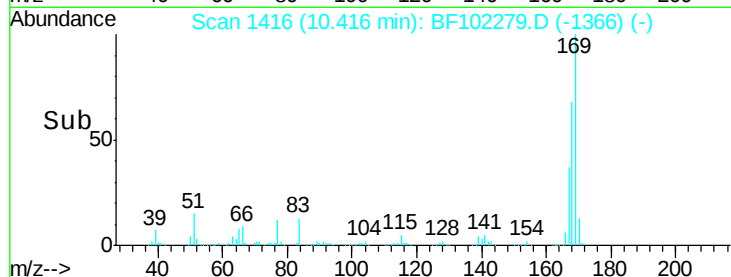
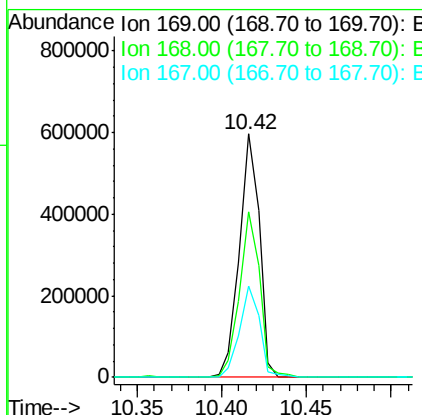
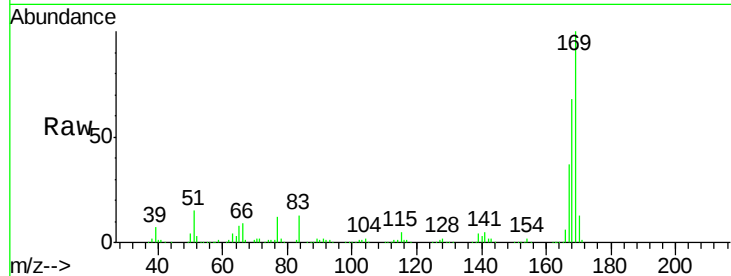




#65
n-Nitrosodiphenylamine
Concen: 44.91 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

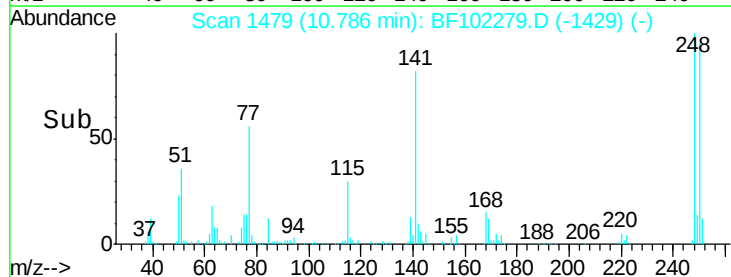
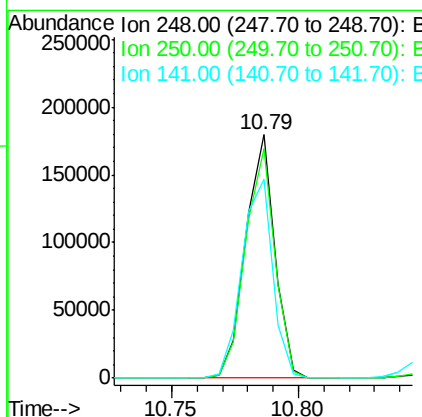
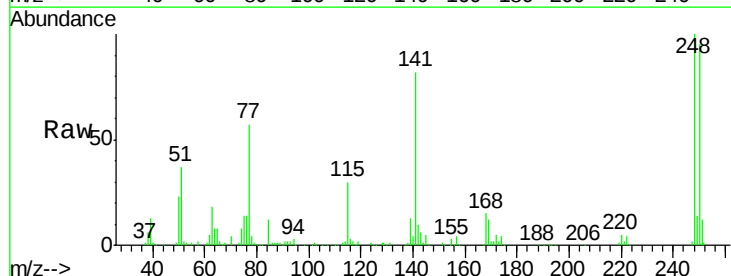
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

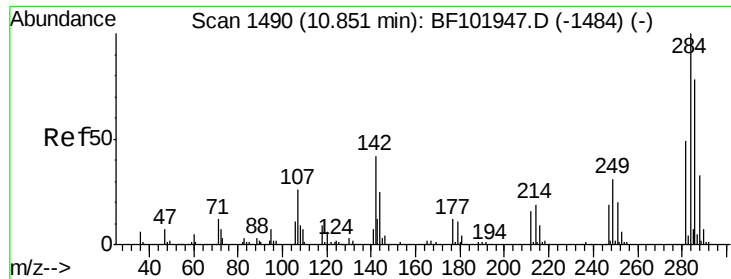
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	37.4	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 46.31 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.9	115.3
141	81.8	74.4	111.6

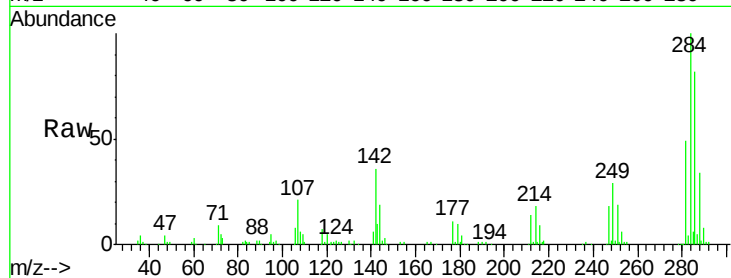




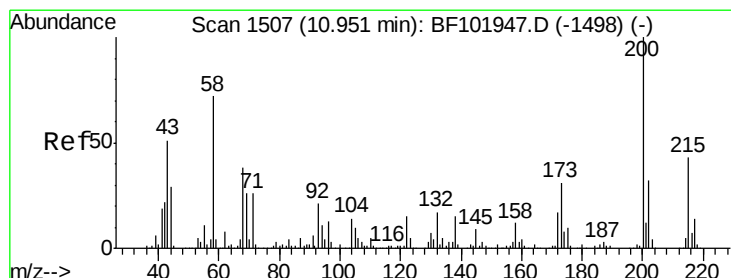
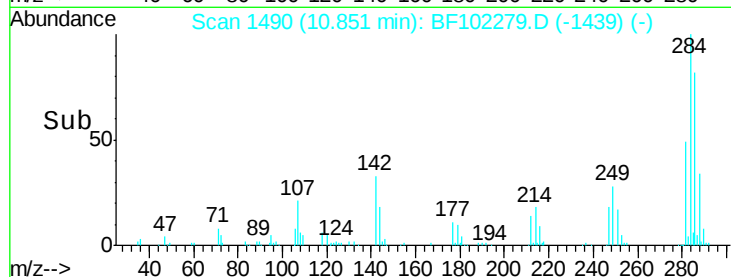
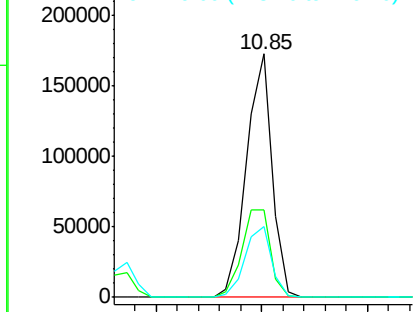
#67
Hexachlorobenzene
Concen: 42.93 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 145075
Ion Ratio Lower Upper
284 100
142 35.9 34.6 52.0
249 28.9 24.8 37.2

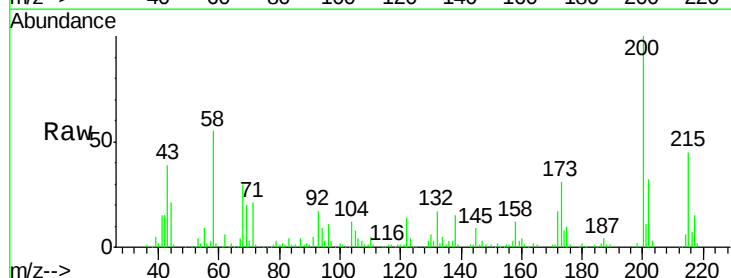


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

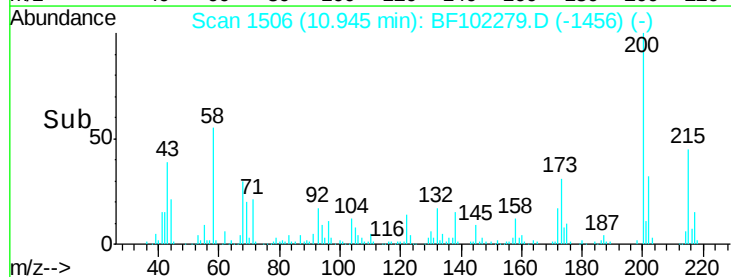
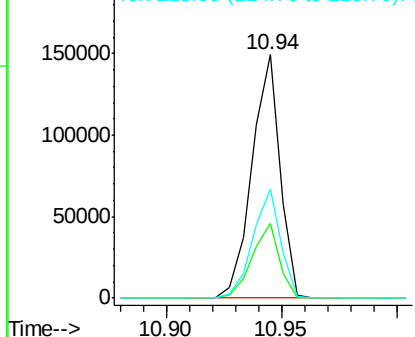


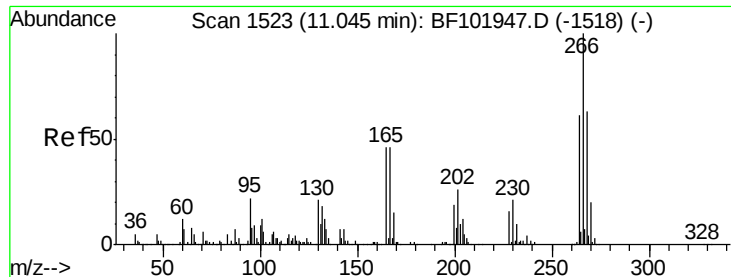
#68
Atrazine
Concen: 40.03 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:200 Resp: 126987
Ion Ratio Lower Upper
200 100
173 30.6 8.6 48.6
215 44.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

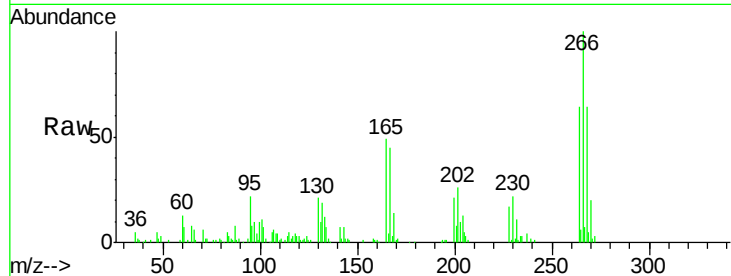




#69
 Pentachlorophenol
 Concen: 30.37 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	63.9	49.5	74.3

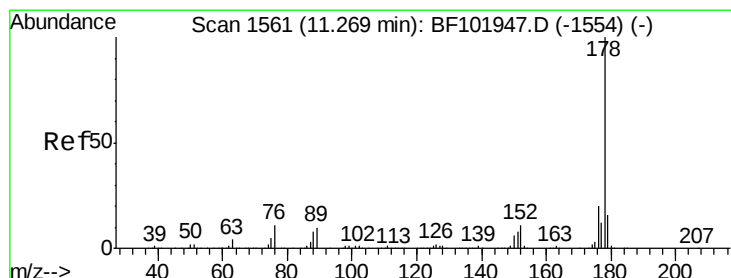
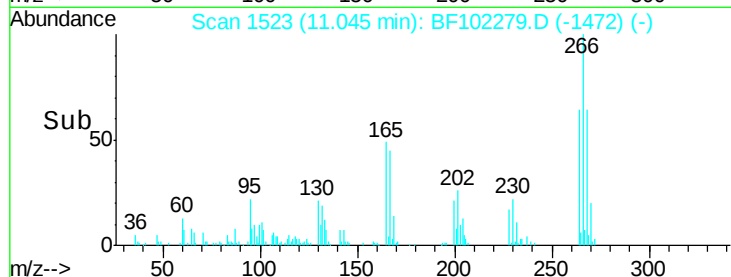
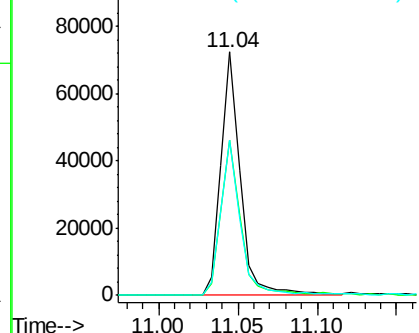


Abundance

Ion 265.70 (265.40 to 266.40): E

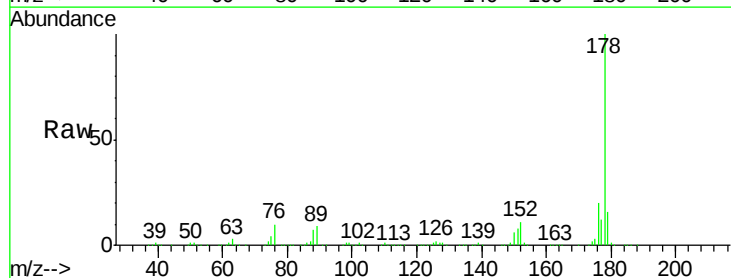
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.55 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.7	13.0	19.6

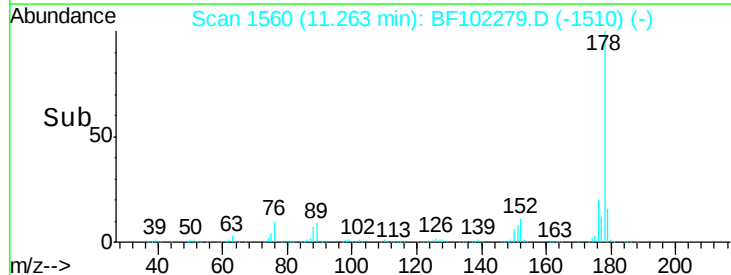
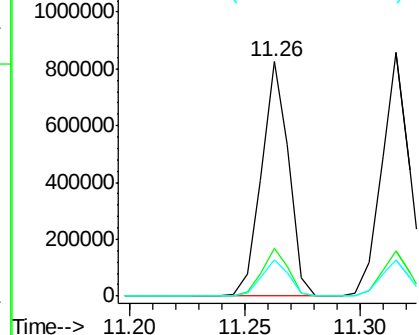


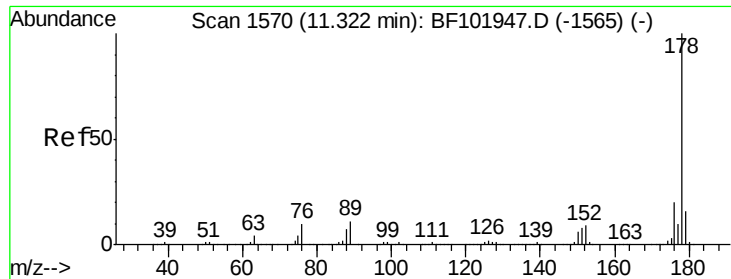
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

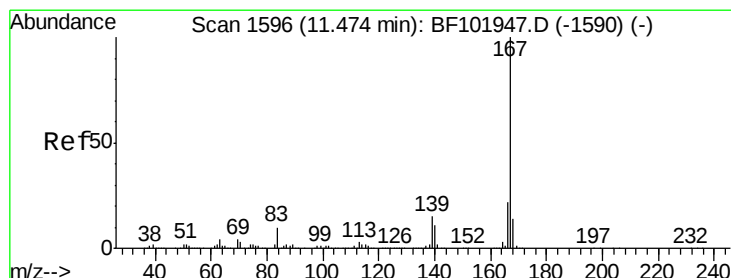
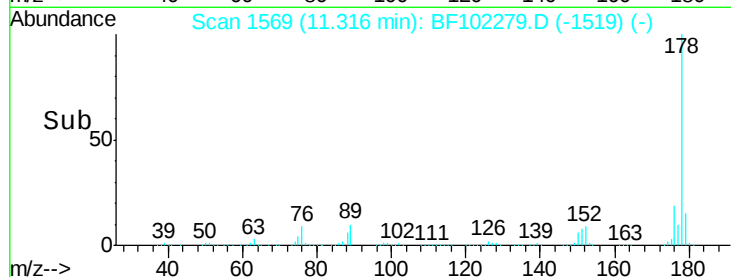
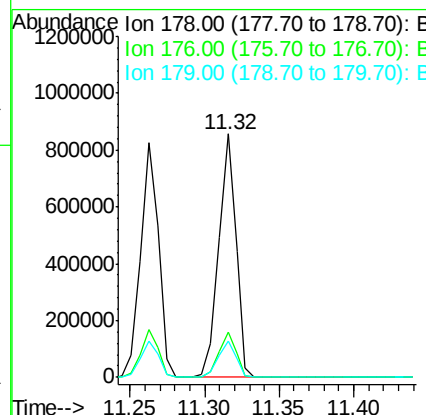
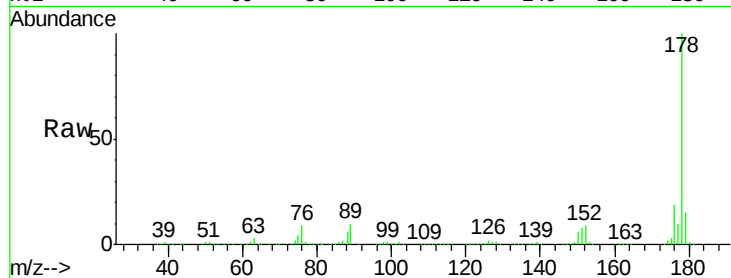




#71
 Anthracene
 Concen: 39.91 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

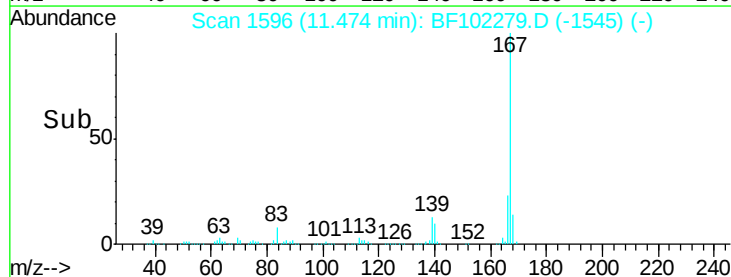
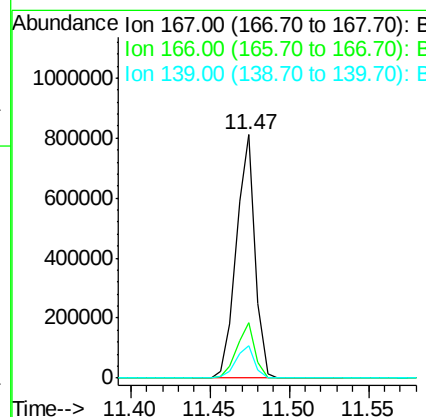
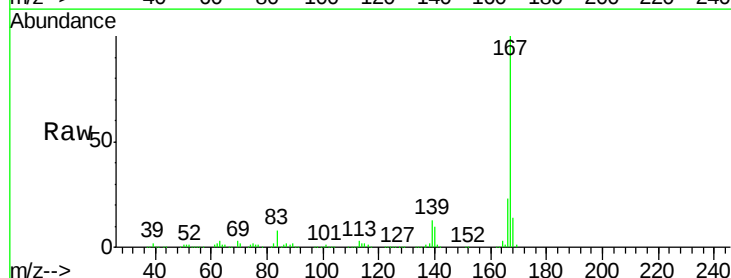
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

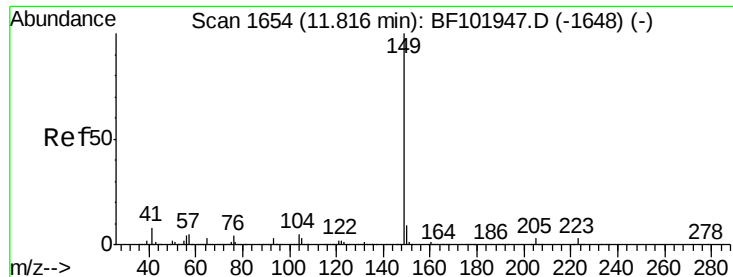
Tot Ion:178 Resp: 693121
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 38.79 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion:167 Resp: 662082
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.82 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

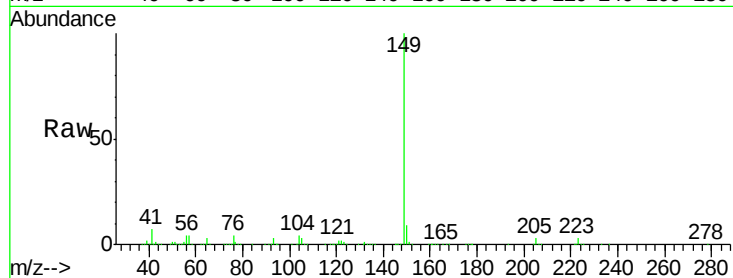
Tot Ion:149 Resp: 896734

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

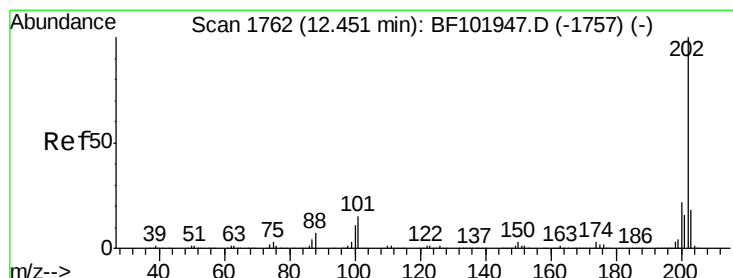
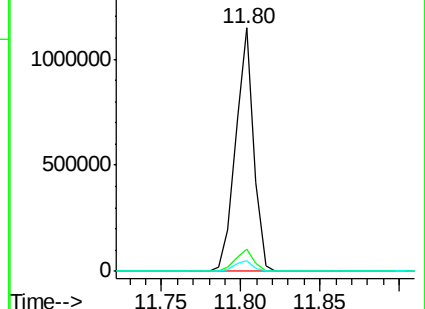
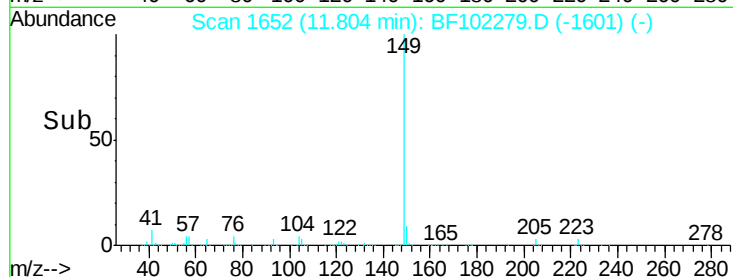
104 4.4 3.8 5.8



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: 36.76 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

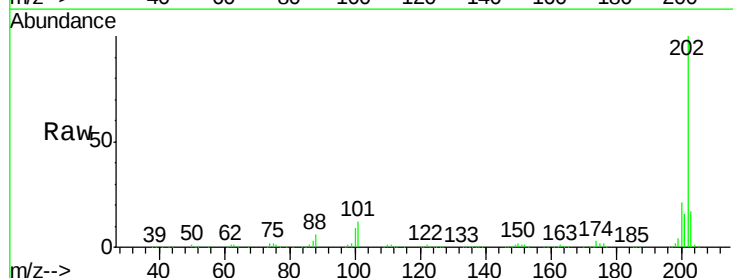
Tgt Ion:202 Resp: 619173

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

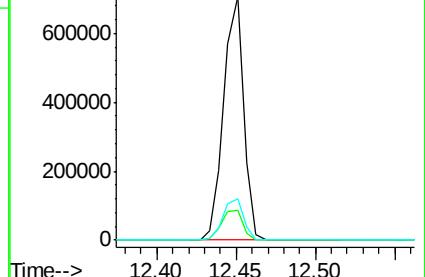
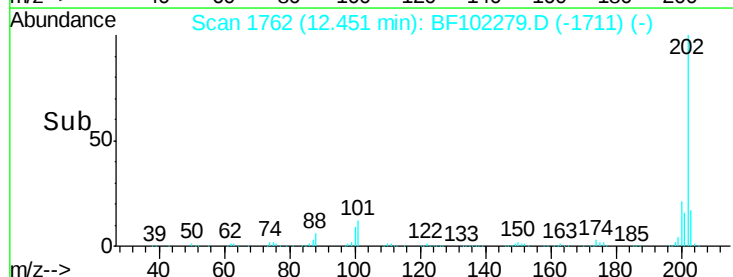
203 17.2 0.0 38.1

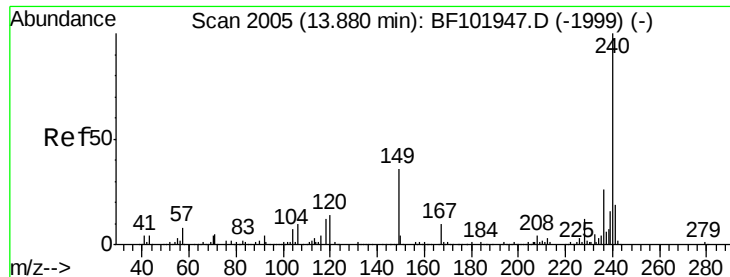


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

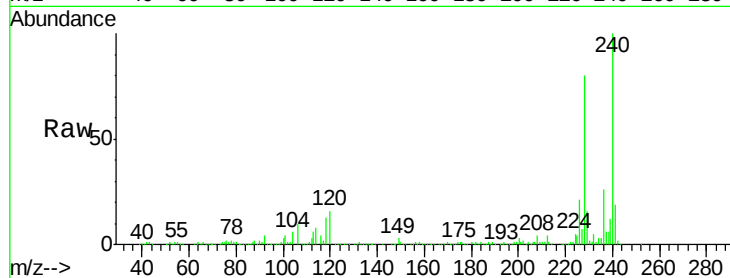
Tot Ion:240 Resp: 216731

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

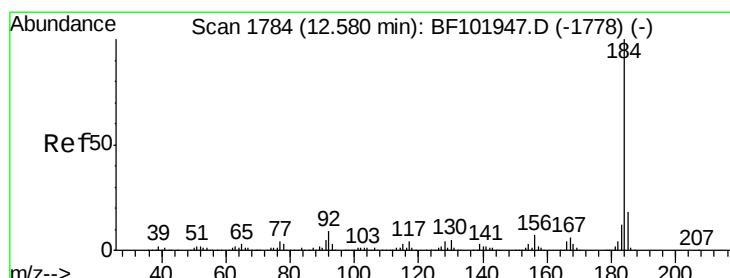
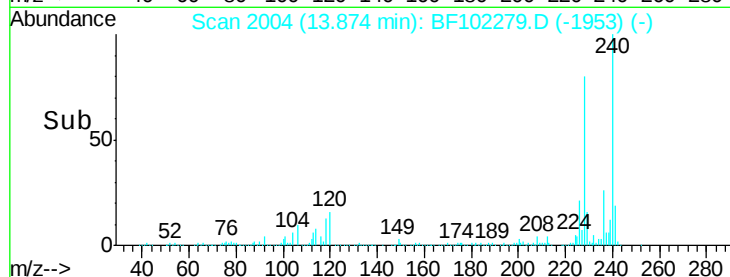
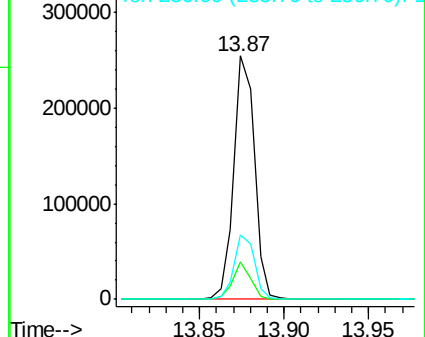
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.19 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

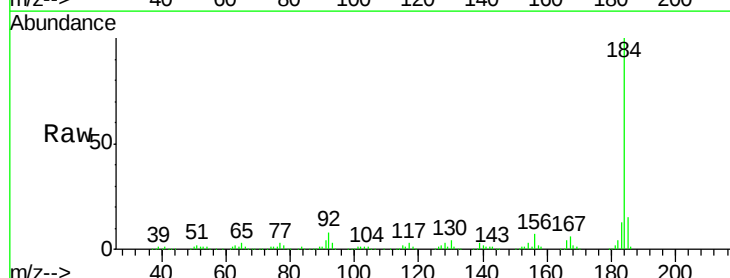
Tgt Ion:184 Resp: 326431

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

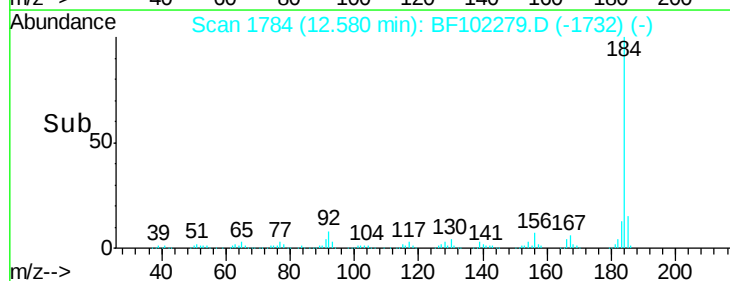
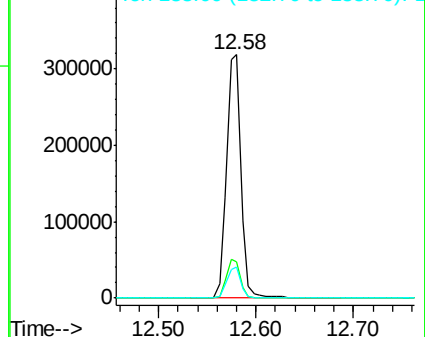
183 12.6 9.3 13.9

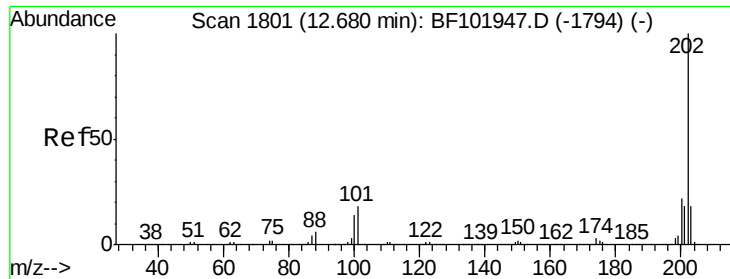


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

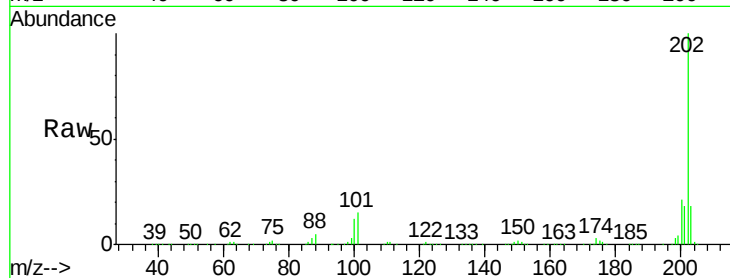




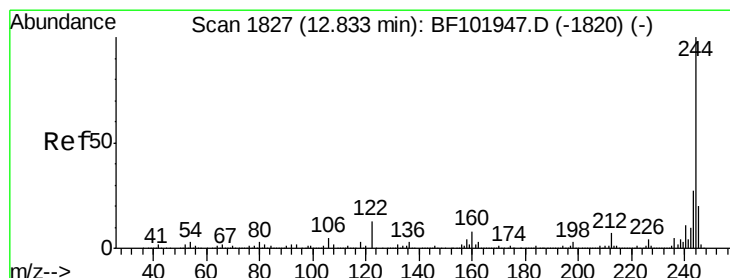
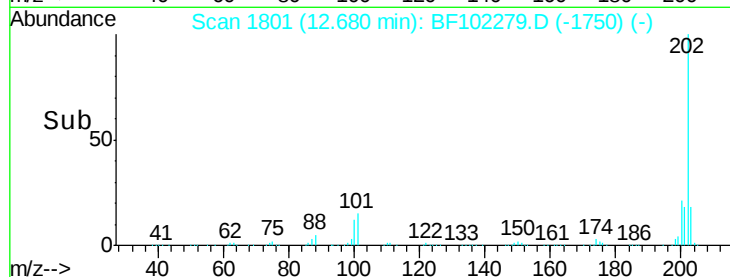
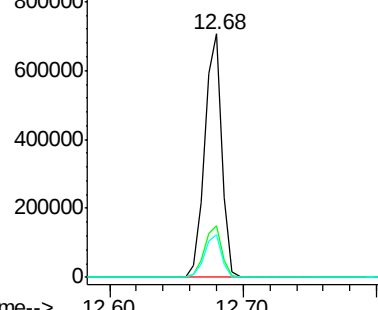
#77
Pvrene
Concen: 33.28 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5

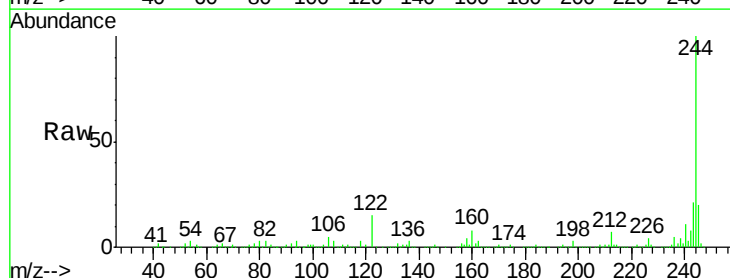


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

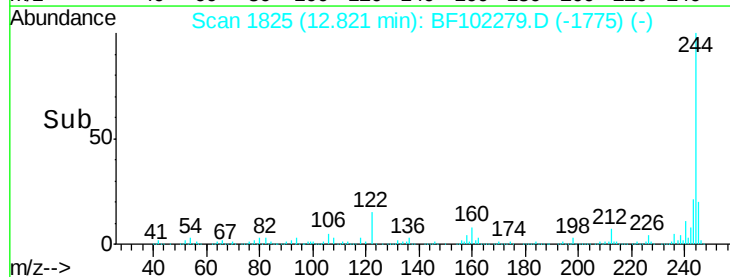
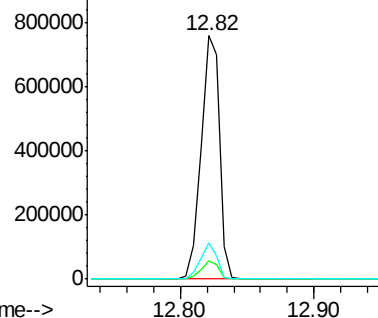


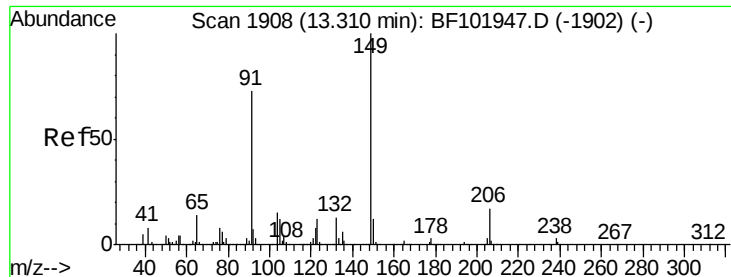
#78
Terphenyl-d14
Concen: 70.96 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.7	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

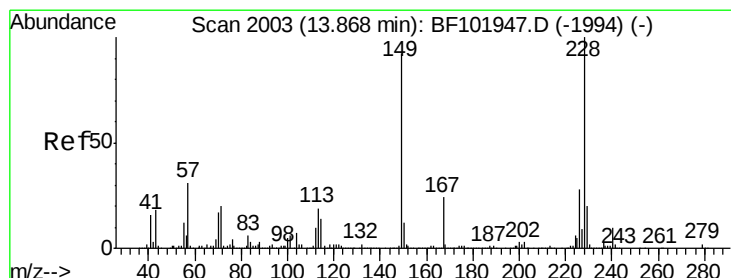
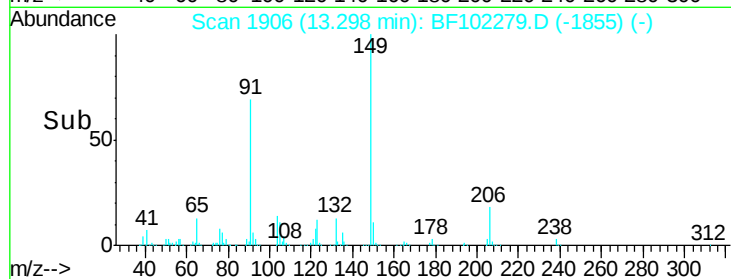
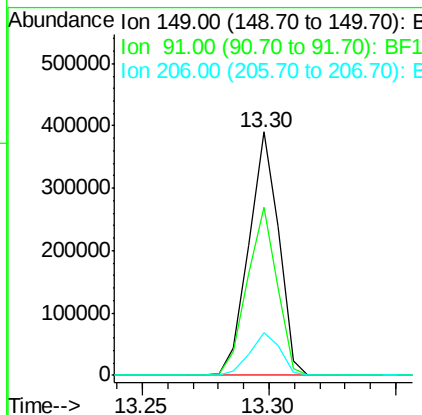
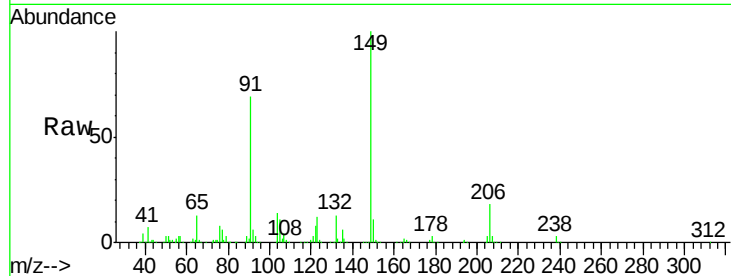




#79
 Butylbenzylphthalate
 Concen: 36.53 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

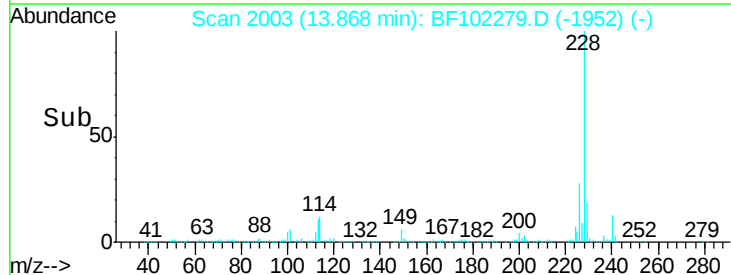
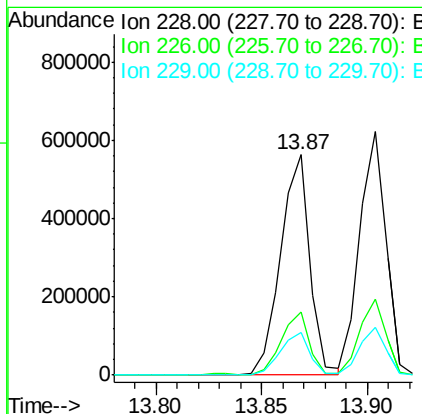
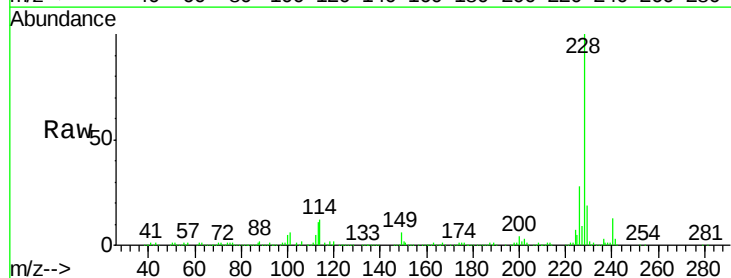
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

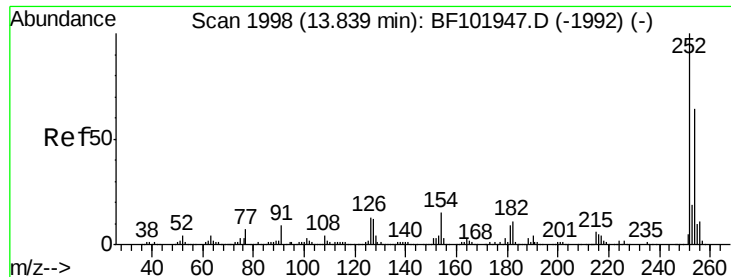
Tot Ion:149 Resp: 321143
 Ion Ratio Lower Upper
 149 100
 91 68.8 56.8 85.2
 206 17.6 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 39.46 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion:228 Resp: 545660
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.6 33.8
 229 19.4 15.8 23.6

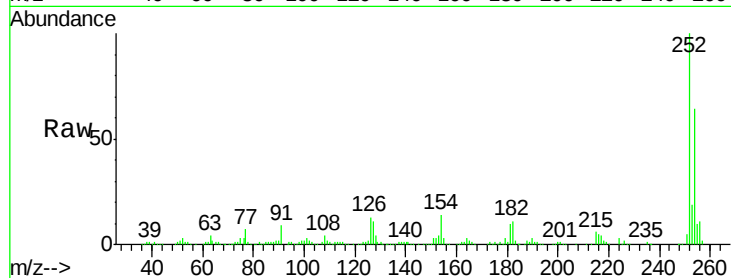




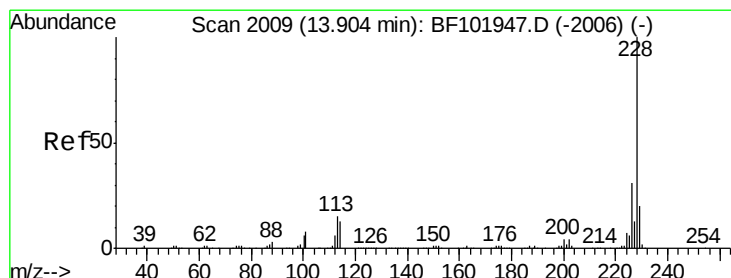
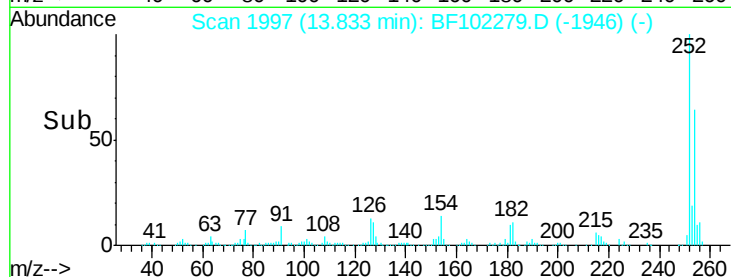
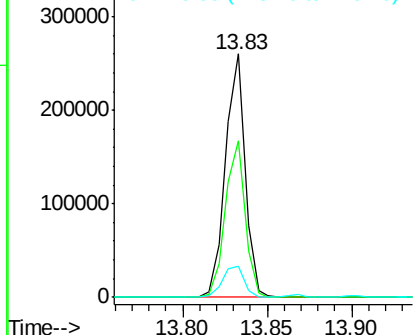
#81
 3,3'-Dichlorobenzidine
 Concen: 41.48 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	12.7	11.3	16.9

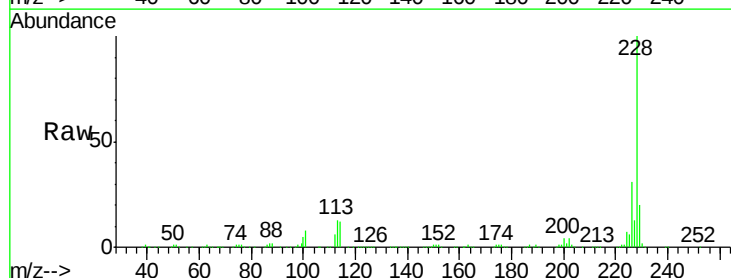


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

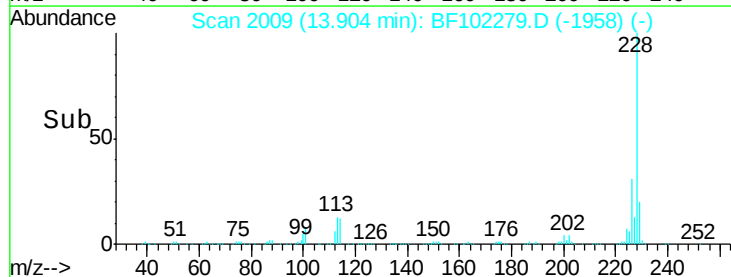
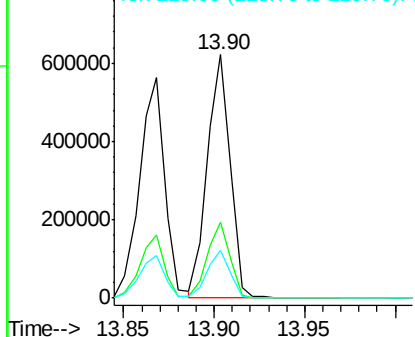


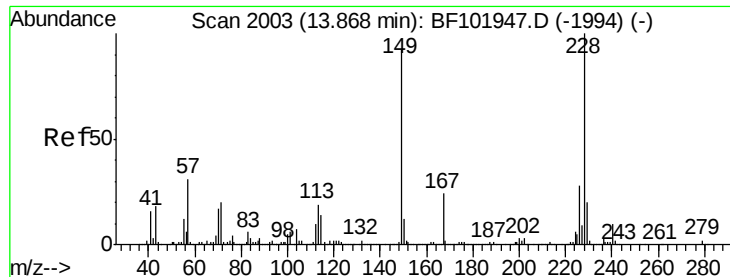
#82
 Chrysene
 Concen: 37.63 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.9	16.2	24.4



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

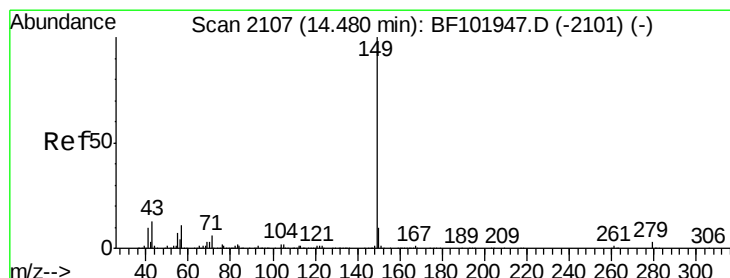
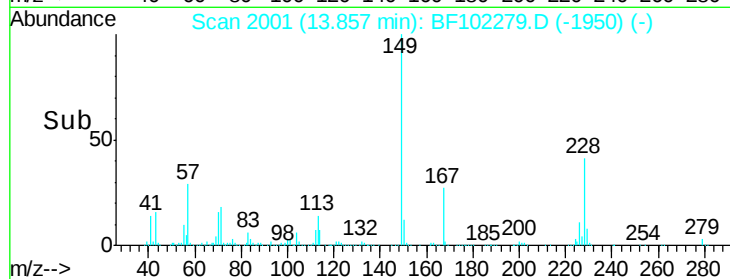
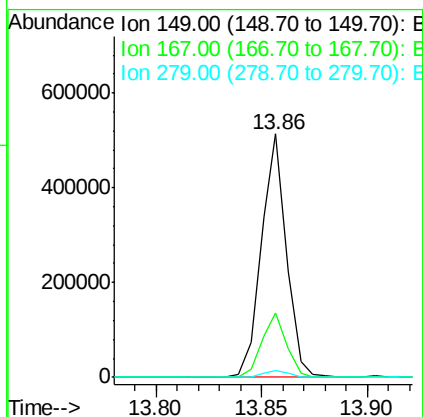
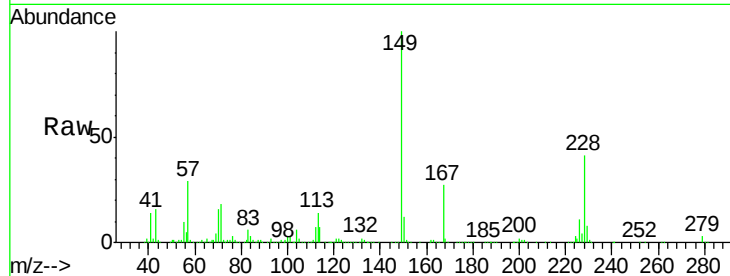




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.95 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

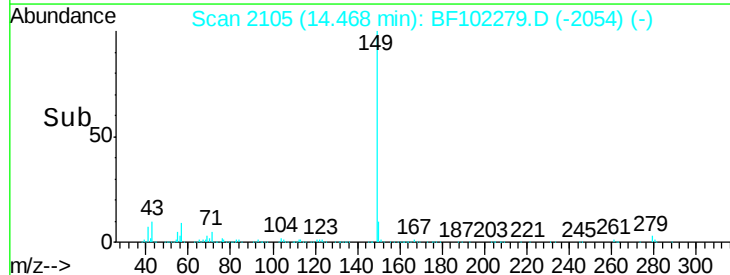
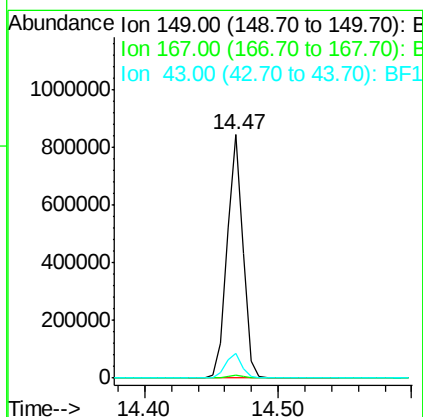
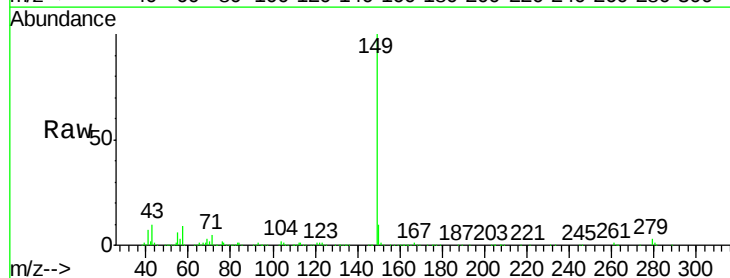
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

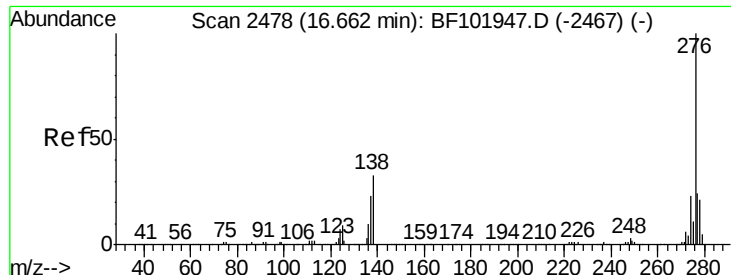
Tot Ion:149 Resp: 423083
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 42.09 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102279.D
 Acq: 20 Jan 2018 23:03

Tgt Ion:149 Resp: 704366
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.3 8.4 12.6

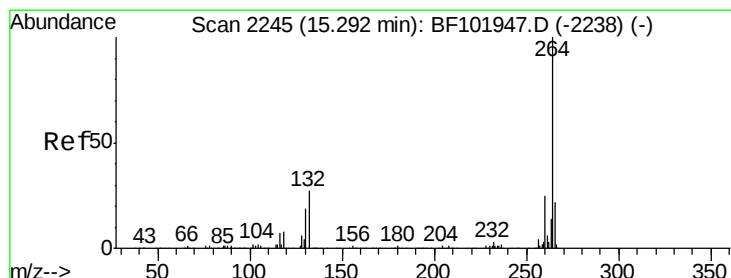
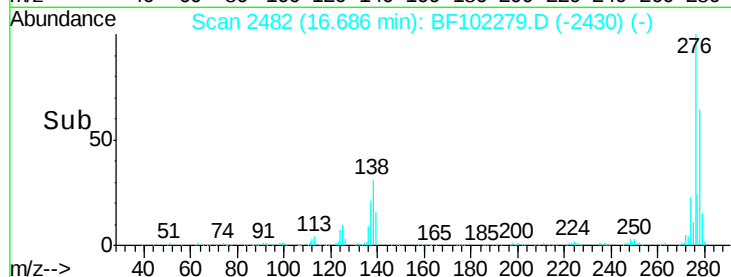
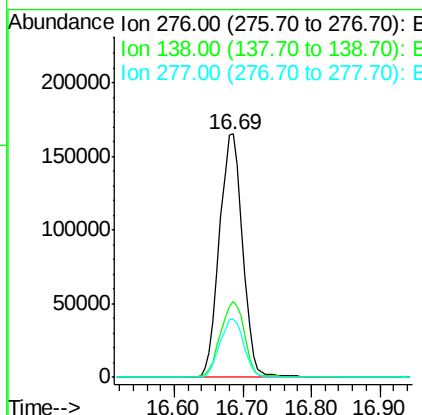
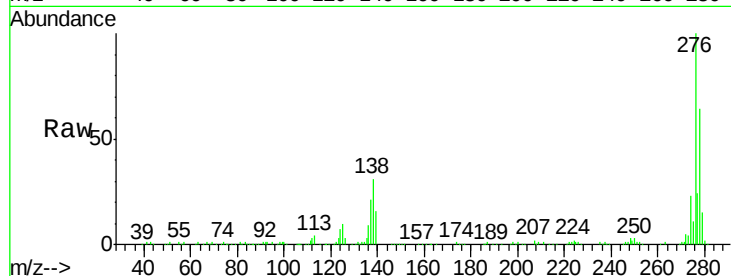




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.19 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

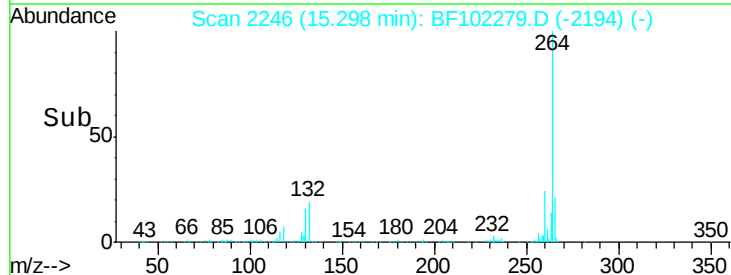
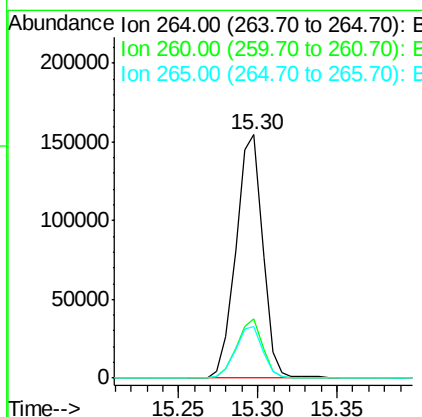
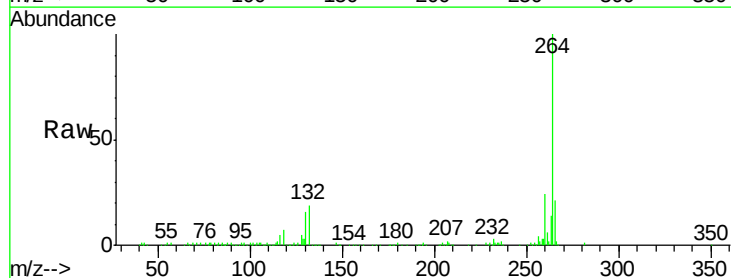
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

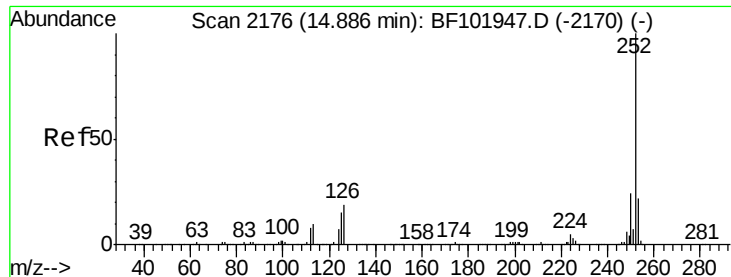
Tot Ion:276 Resp: 390293
Ion Ratio Lower Upper
276 100
138 32.0 25.0 37.6
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:264 Resp: 181112
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.5 17.5 26.3

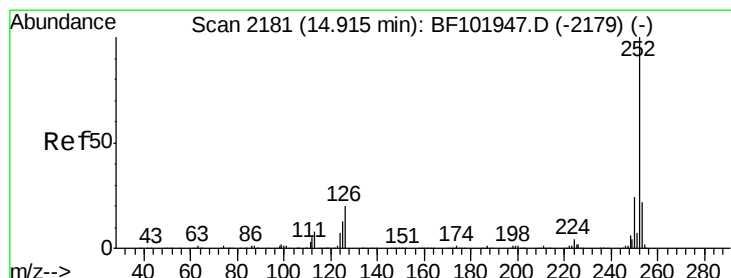
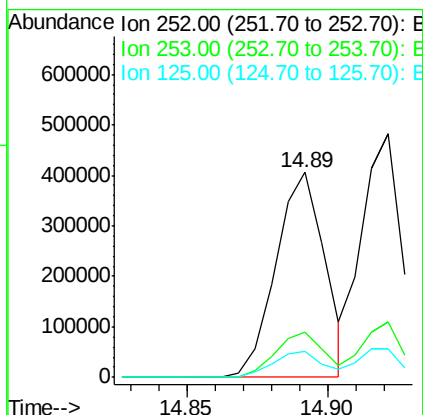
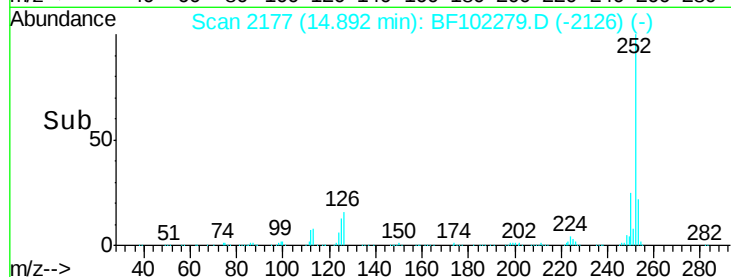
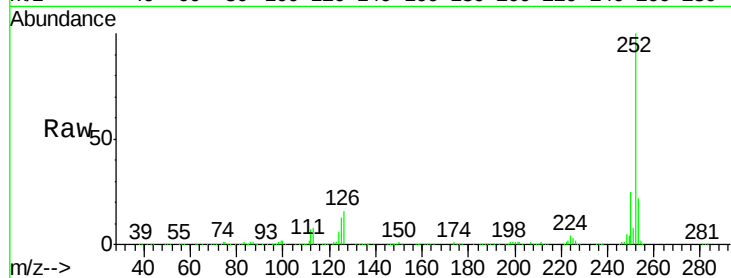




#87
Benzo(b)fluoranthene
Concen: 41.25 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

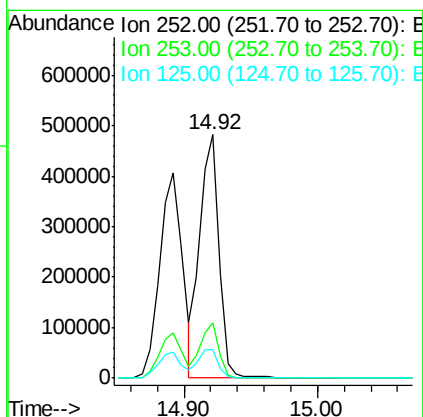
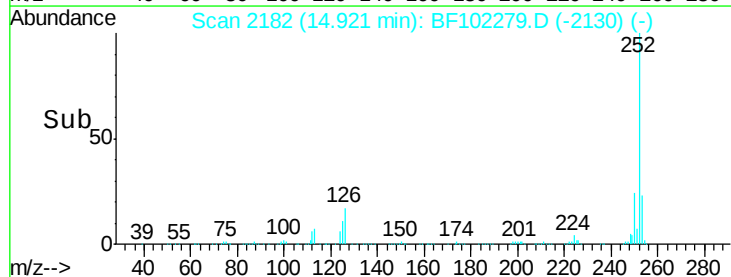
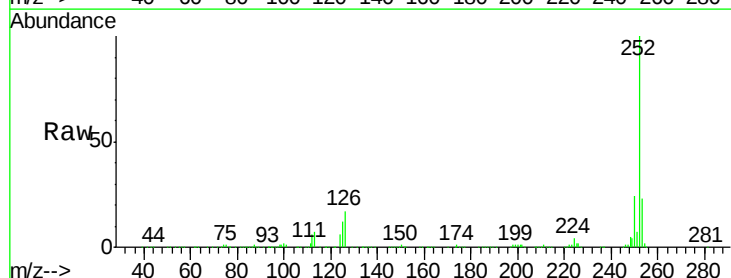
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

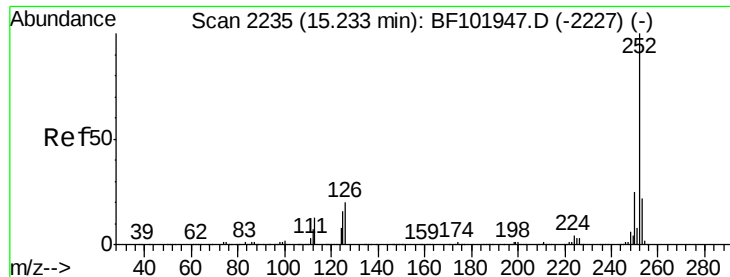
Tot Ion:252 Resp: 487182
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.82 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102279.D
Acq: 20 Jan 2018 23:03

Tgt Ion:252 Resp: 476445
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.74 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

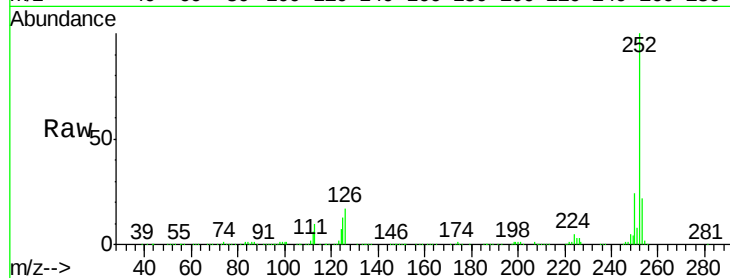
Tot Ion:252 Resp: 432978

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

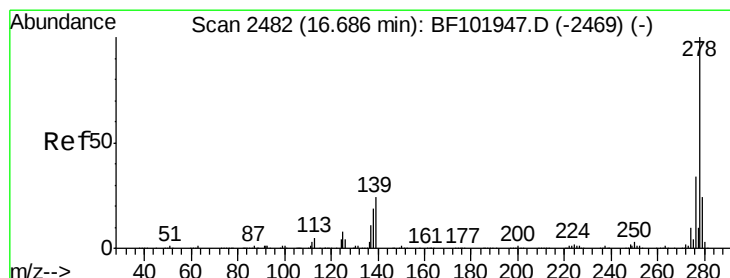
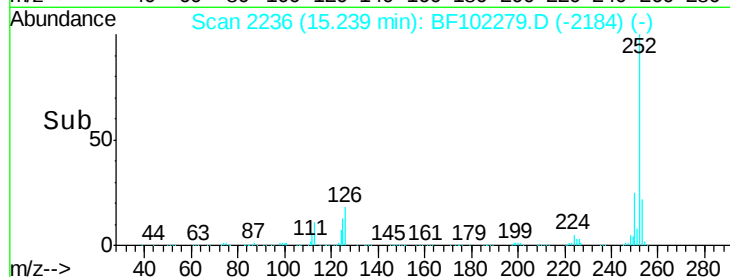
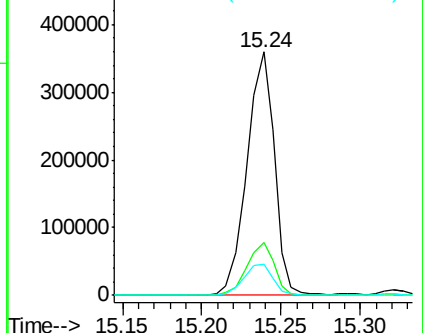
125 12.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.81 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

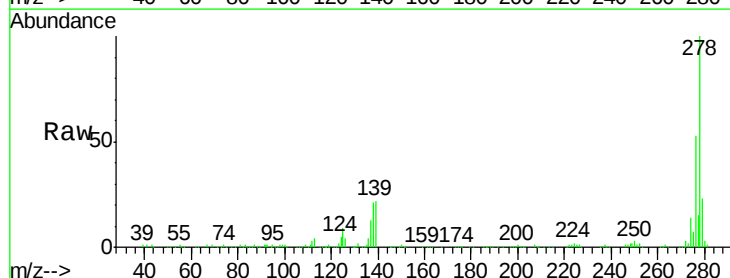
Tgt Ion:278 Resp: 320657

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

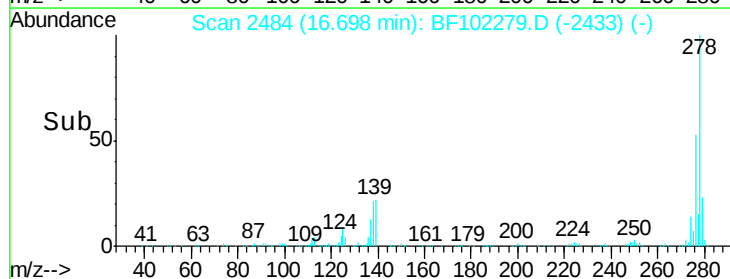
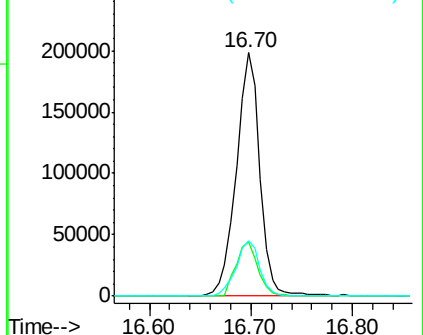
279 22.6 19.0 28.4

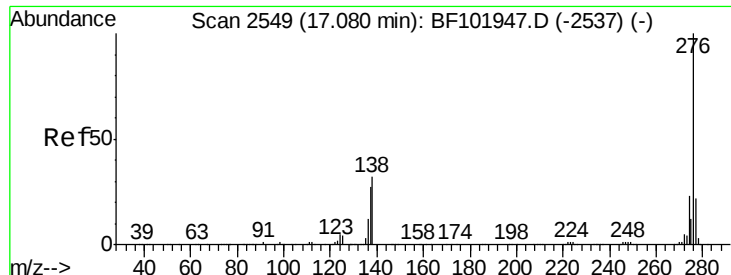


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.08 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF102279.D

Acq: 20 Jan 2018 23:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

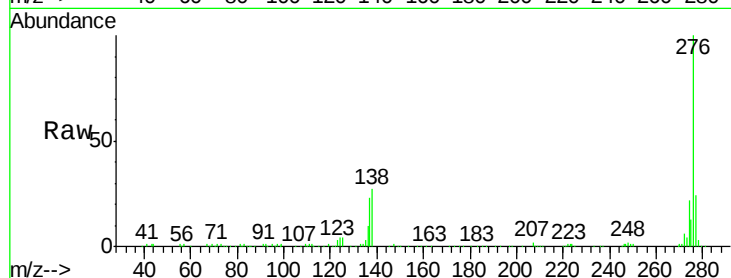
Tot Ion: 276 Resp: 308213

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 27.4 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 200000
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

