

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105327.D
 Acq On : 12 May 2018 10:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:42:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	165413	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	714175	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	322415	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	601524	20.00	ng	0.00
75) Chrysene-d12	14.00	240	487245	20.00	ng	-0.02
86) Perylene-d12	15.53	264	489375	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	822974	74.83	ng	0.00
7) Phenol-d6	6.43	99	1011365	77.39	ng	0.00
23) Nitrobenzene-d5	7.36	82	942902	76.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	318659	76.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1578596	70.57	ng	0.00
78) Terphenyl-d14	12.90	244	1501858	66.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	195113	39.16	ng	89
3) Pyridine	3.25	79	493735	38.19	ng	89
4) n-Nitrosodimethylamine	3.20	42	220926	34.90	ng	90
6) Aniline	6.46	93	674459	39.80	ng	# 87
8) 2-Chlorophenol	6.58	128	451335	38.64	ng	99
9) Benzaldehyde	6.35	77	337941	38.04	ng	99
10) Phenol	6.45	94	570509	38.26	ng	79
11) bis(2-Chloroethyl)ether	6.53	93	468399	42.75	ng	95
12) 1,3-Dichlorobenzene	6.73	146	497333	38.67	ng	99
13) 1,4-Dichlorobenzene	6.81	146	519151	39.54	ng	100
14) 1,2-Dichlorobenzene	6.96	146	462950	38.26	ng	98
15) Benzyl Alcohol	6.94	79	380444	37.52	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	769143	39.96	ng	96
17) 2-Methylphenol	7.05	107	386973	39.24	ng	96
18) Hexachloroethane	7.30	117	183091	38.59	ng	94
19) n-Nitroso-di-n-propylamine	7.21	70	318547	38.56	ng	94
20) 3+4-Methylphenols	7.20	107	450294	38.35	ng	# 64
22) Acetophenone	7.20	105	612084	37.30	ng	# 85
24) Nitrobenzene	7.38	77	502129	38.86	ng	99
25) Isophorone	7.62	82	889349	38.29	ng	99
26) 2-Nitrophenol	7.69	139	259375	39.79	ng	99
27) 2,4-Dimethylphenol	7.73	122	407758	38.08	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	555609	39.00	ng	99
29) 2,4-Dichlorophenol	7.93	162	384207	38.29	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	401250	37.81	ng	99
31) Naphthalene	8.10	128	1300351	37.39	ng	99
32) Benzoic acid	7.85	122	280444	35.25	ng	96
33) 4-Chloroaniline	8.15	127	564998	39.13	ng	99
34) Hexachlorobutadiene	8.21	225	208989	36.55	ng	99
35) Caprolactam	8.53	113	121872	39.30	ng	# 85
36) 4-Chloro-3-methylphenol	8.63	107	415614	38.48	ng	98
37) 2-Methylnaphthalene	8.79	142	882643	37.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	364871	37.51	ng	98
40) Hexachlorocyclopentadiene	8.93	237	243890	37.05	ng	99

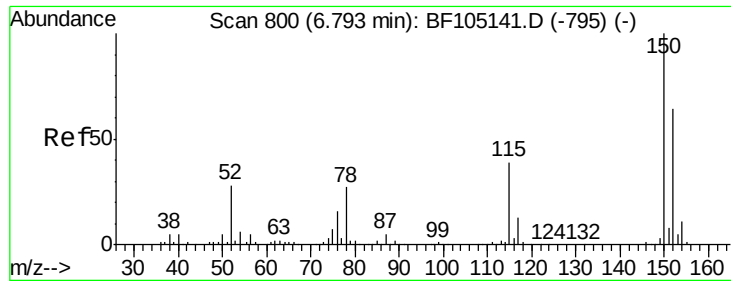
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105327.D
 Acq On : 12 May 2018 10:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 06:42:00 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	243651	36.84	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	272029	38.06	nq	95
45) 1,1'-Biphenyl	9.25	154	1063098	37.05	nq	100
46) 2-Chloronaphthalene	9.27	162	797944	37.13	nq	99
47) 2-Nitroaniline	9.37	65	284576	39.41	nq	89
48) Acenaphthylene	9.69	152	1230655	37.36	nq	99
49) Dimethylphthalate	9.56	163	938724	37.93	nq	99
50) 2,6-Dinitrotoluene	9.62	165	209256	38.40	nq	92
51) Acenaphthene	9.86	154	739557	33.91	nq	98
52) 3-Nitroaniline	9.79	138	242629	38.64	nq	95
53) 2,4-Dinitrophenol	9.89	184	123646	38.61	nq	# 24
54) Dibenzofuran	10.03	168	1079363	36.85	nq	96
55) 4-Nitrophenol	9.95	139	186611	36.34	nq	97
56) 2,4-Dinitrotoluene	10.02	165	273052	38.52	nq	95
57) Fluorene	10.38	166	819171	36.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	223681	37.88	nq	97
59) Diethylphthalate	10.25	149	911035	36.89	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	375730	36.60	nq	100
61) 4-Nitroaniline	10.40	138	257291	40.98	nq	98
62) Azobenzene	10.53	77	903443	37.38	nq	96
64) 4,6-Dinitro-2-methylphenol	10.43	198	146693	40.67	nq	96
65) n-Nitrosodiphenylamine	10.49	169	755186	37.44	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	246784	36.88	nq	97
67) Hexachlorobenzene	10.92	284	286720	37.49	nq	# 90
68) Atrazine	11.02	200	243513	37.98	nq	97
69) Pentachlorophenol	11.12	266	172599	37.40	nq	97
70) Phenanthrene	11.34	178	1218170	35.93	nq	99
71) Anthracene	11.39	178	1315472	37.49	nq	100
72) Carbazole	11.55	167	1185157	38.59	nq	100
73) Di-n-butylphthalate	11.87	149	1404899	37.04	nq	99
74) Fluoranthene	12.53	202	1290729	38.30	nq	99
76) Benzidine	12.66	184	756937	38.62	nq	99
77) Pyrene	12.76	202	1321198	35.14	nq	100
79) Butylbenzylphthalate	13.39	149	615524	37.16	nq	96
80) Benzo(a)anthracene	13.99	228	1048868	36.87	nq	100
81) 3,3'-Dichlorobenzidine	13.95	252	428736	39.16	nq	98
82) Chrysene	14.03	228	1108020	39.53	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	785236	39.15	nq	97
84) Di-n-octyl phthalate	14.65	149	1433292	43.51	nq	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	1006701	39.44	nq	97
87) Benzo(b)fluoranthene	15.10	252	1073968	36.82	nq	99
88) Benzo(k)fluoranthene	15.13	252	1068814	37.89	nq	98
89) Benzo(a)pyrene	15.47	252	1038619	38.24	nq	100
90) Dibenzo(a,h)anthracene	17.00	278	883053	34.67	nq	97
91) Benzo(g,h,i)perylene	17.42	276	805164	32.89	nq	96

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

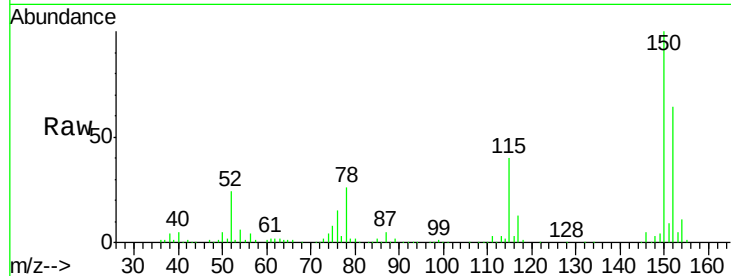


#1

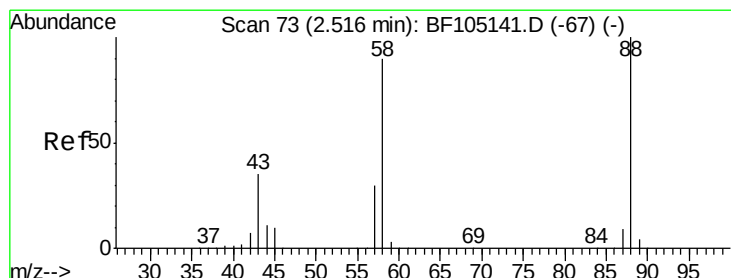
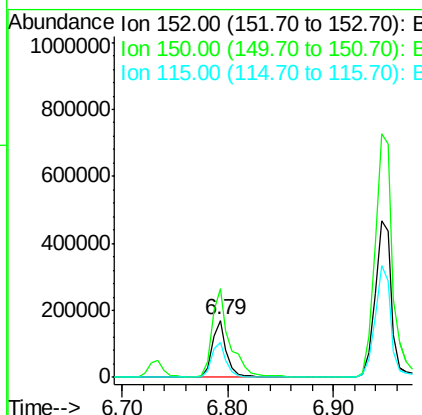
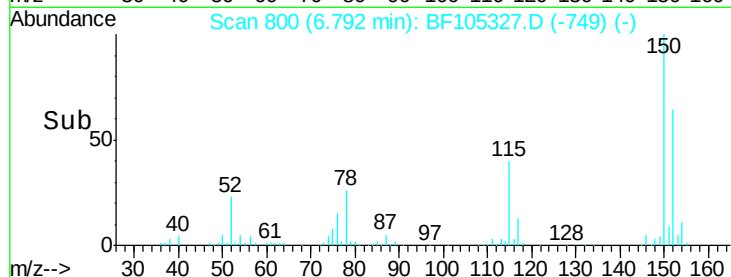
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 165413
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 62.3 50.1 75.1



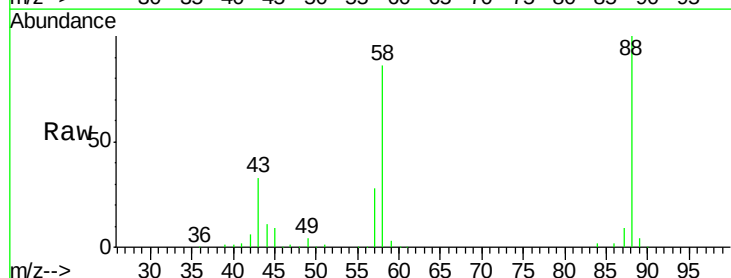
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



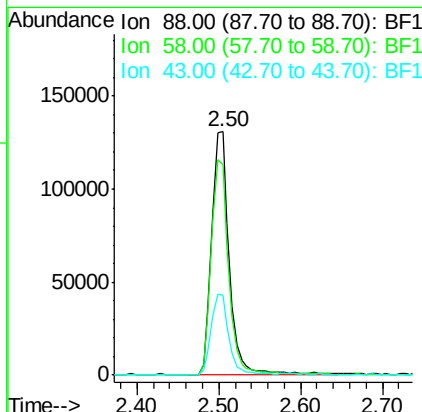
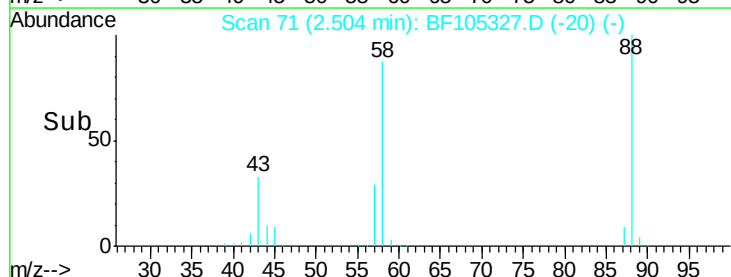
#2

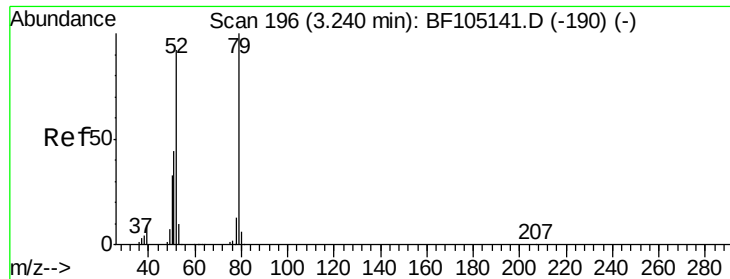
1,4-Dioxane
Concen: 39.16 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion: 88 Resp: 195113
Ion Ratio Lower Upper
88 100
58 89.8 62.6 93.8
43 32.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.19 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.01 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

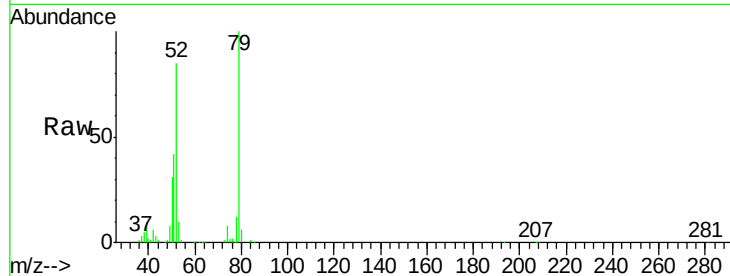
Tot Ion: 79 Resp: 493735

Ion Ratio Lower Upper

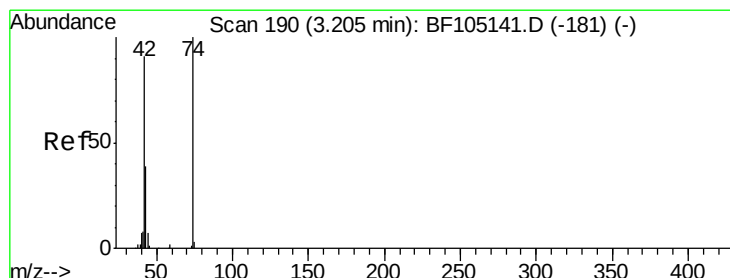
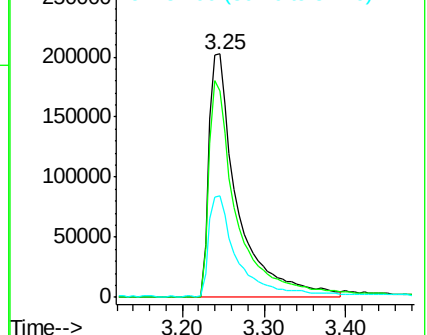
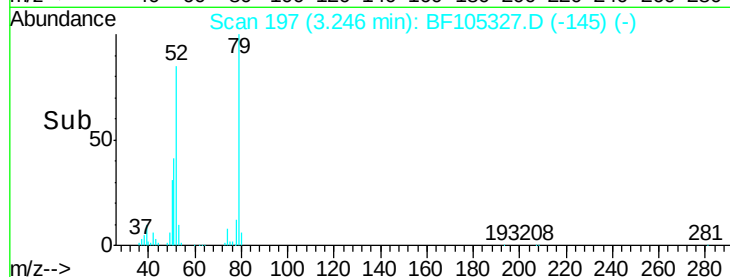
79 100

52 85.0 59.8 89.6

51 41.7 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: 34.90 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

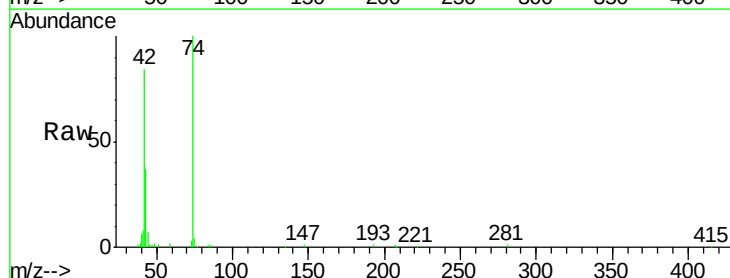
Tgt Ion: 42 Resp: 220926

Ion Ratio Lower Upper

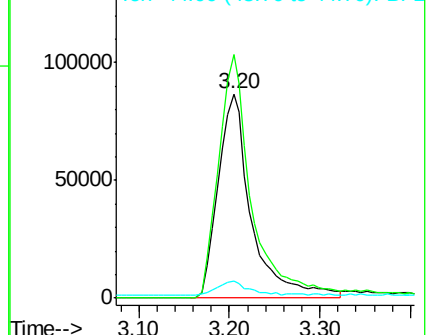
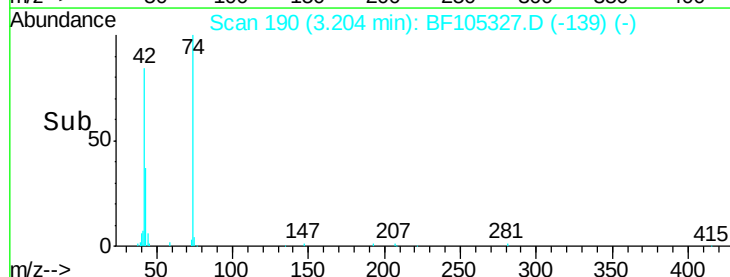
42 100

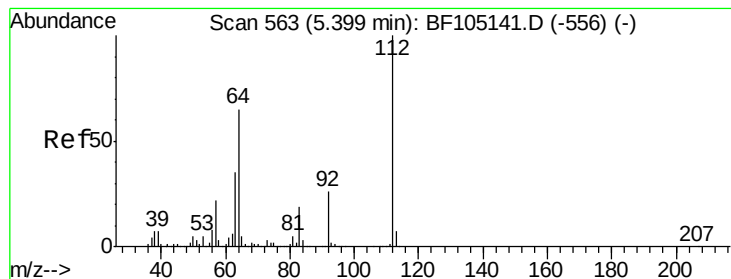
74 119.3 104.9 157.3

44 8.3 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: 74.83 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampleId :

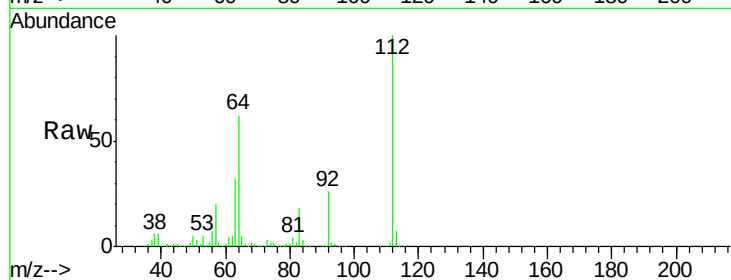
Tot Ion:112 Resp: 822974

Ion Ratio Lower Upper

112 100

64 62.1 47.9 71.9

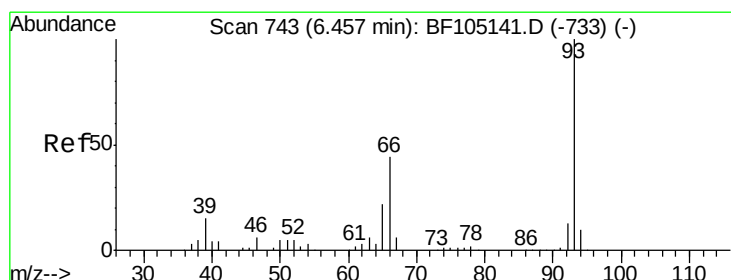
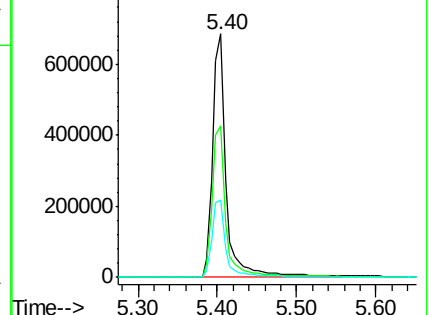
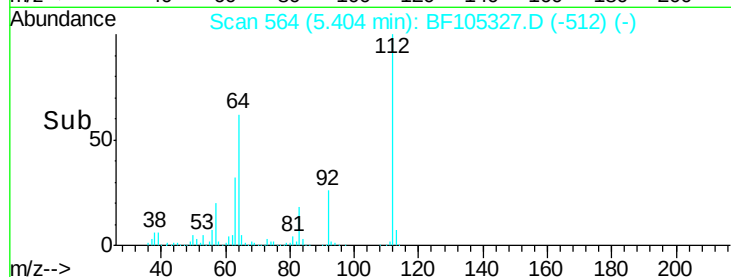
63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.80 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

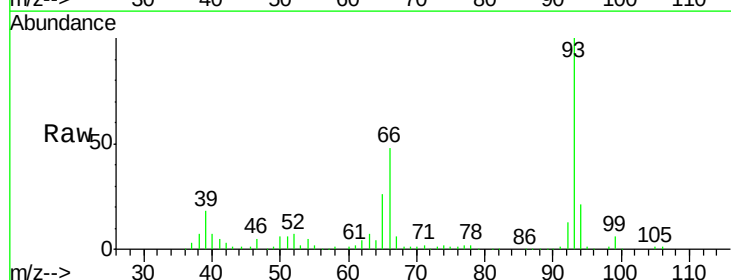
Tgt Ion: 93 Resp: 674459

Ion Ratio Lower Upper

93 100

66 48.5 32.2 48.2#

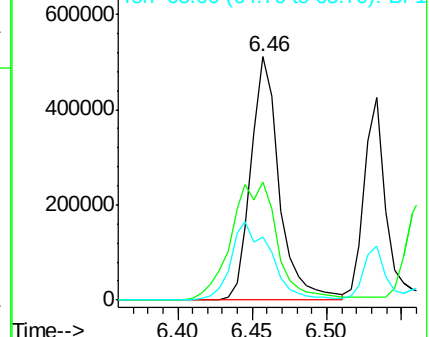
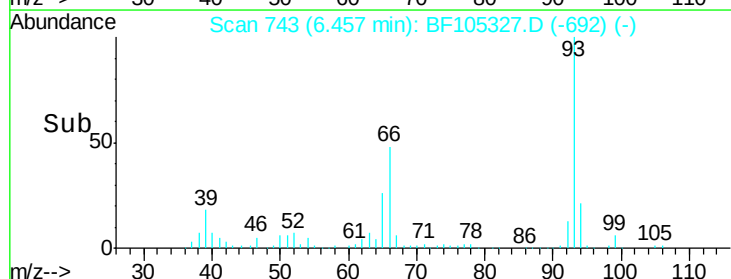
65 26.0 16.4 24.6#

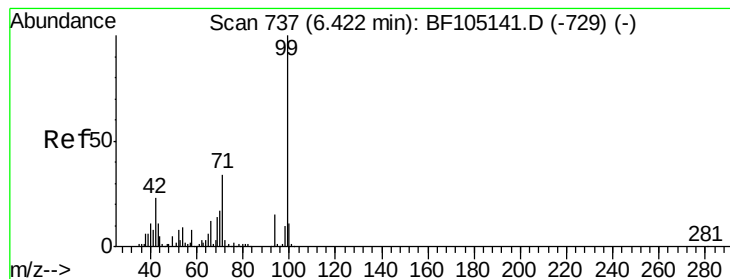


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.39 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampled :

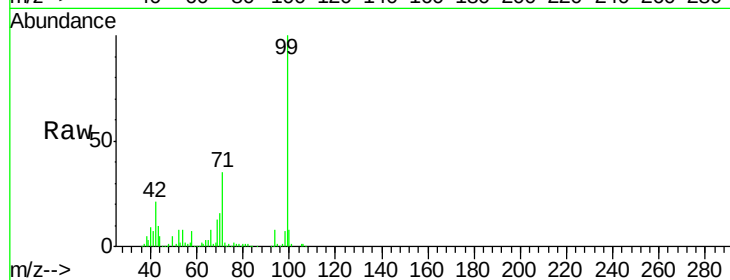
Tot Ion: 99 Resp: 1011365

Ion Ratio Lower Upper

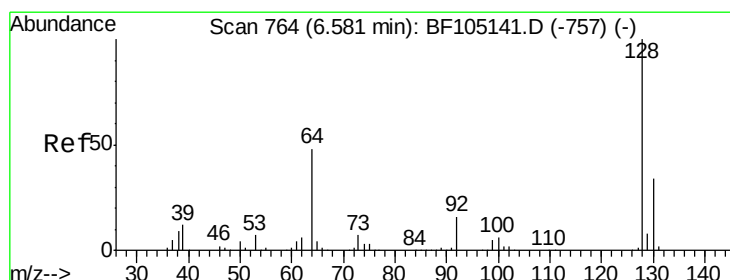
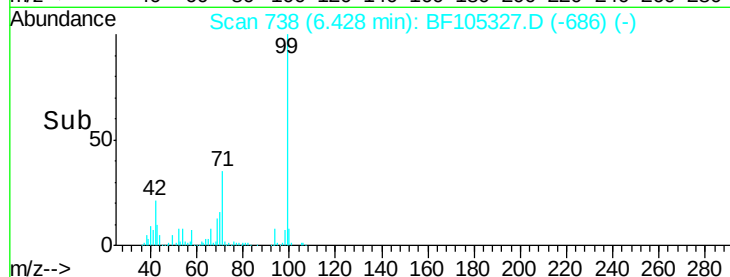
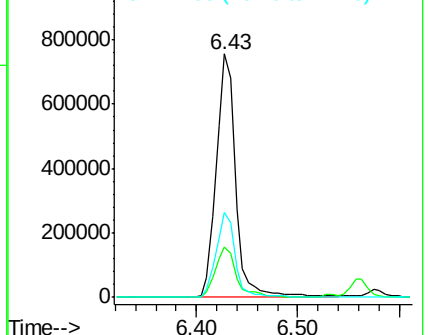
99 100

42 20.6 14.5 21.7

71 34.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.64 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

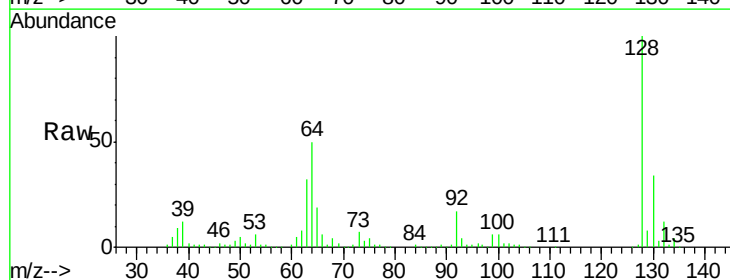
Tgt Ion: 128 Resp: 451335

Ion Ratio Lower Upper

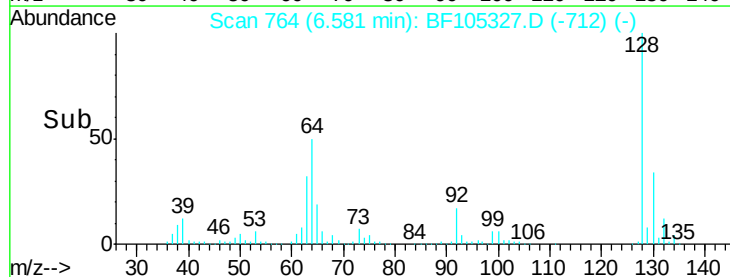
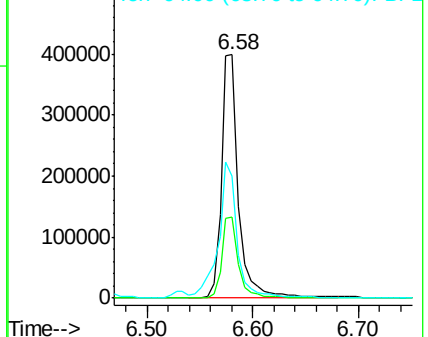
128 100

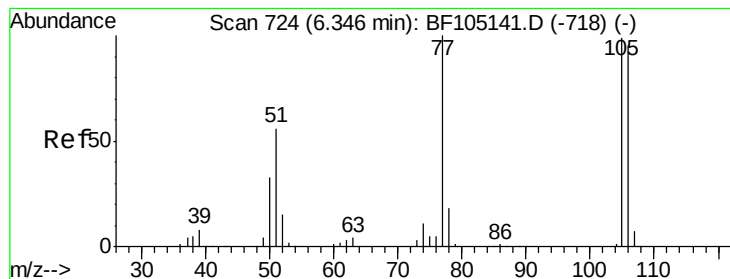
130 33.5 13.0 53.0

64 50.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.04 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

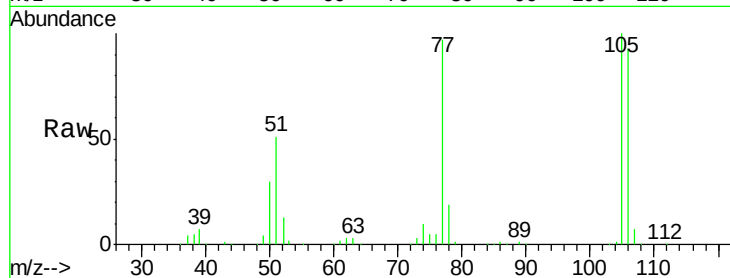
Tot Ion: 77 Resp: 337941

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

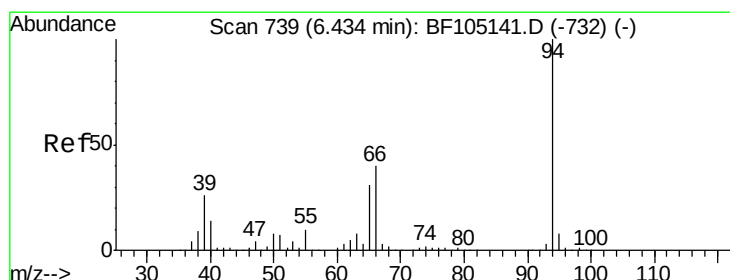
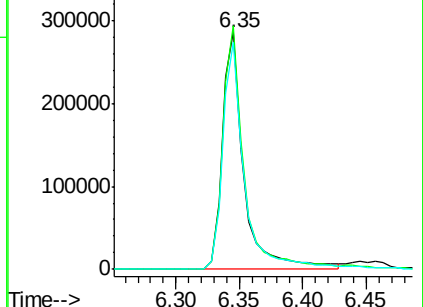
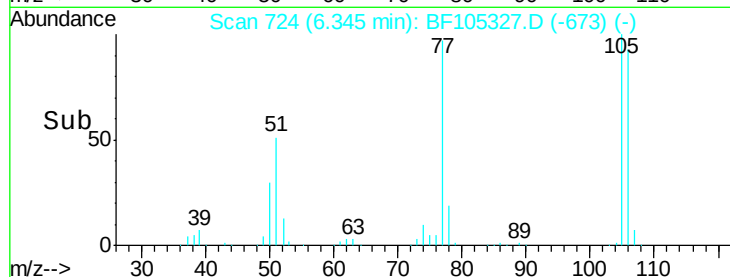
106 95.7 74.5 114.5



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: 38.26 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

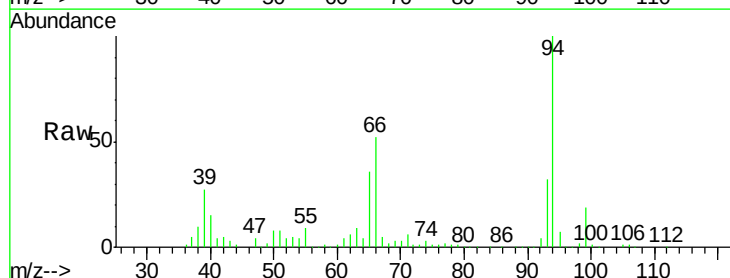
Tgt Ion: 94 Resp: 570509

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

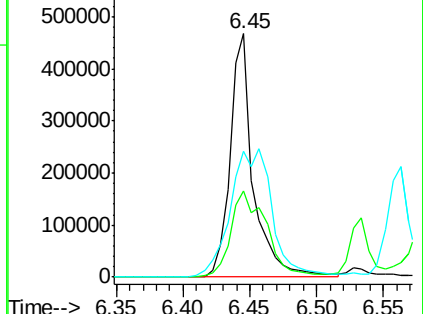
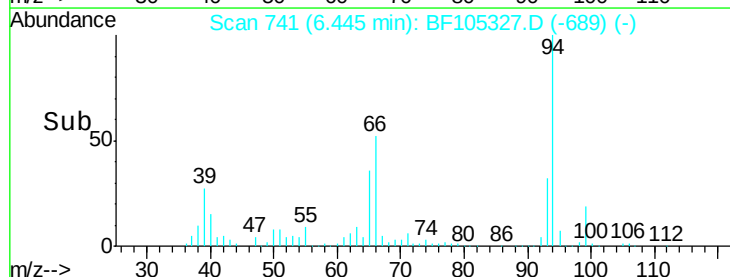
66 51.7 16.2 56.2

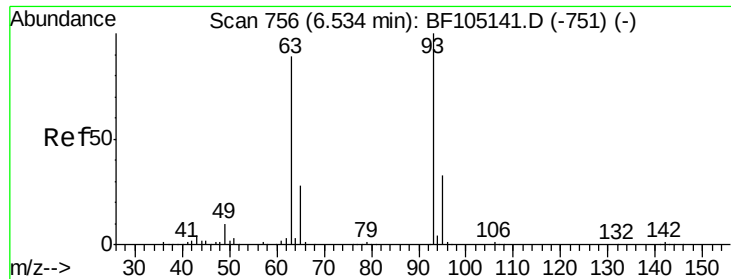


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

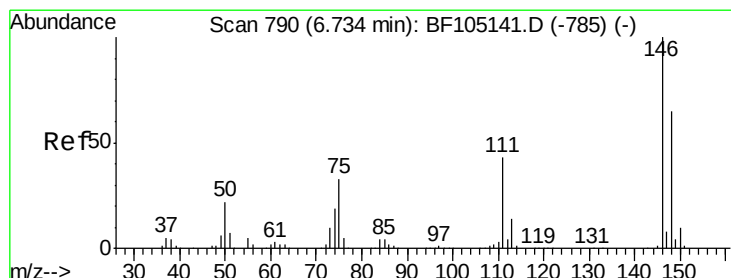
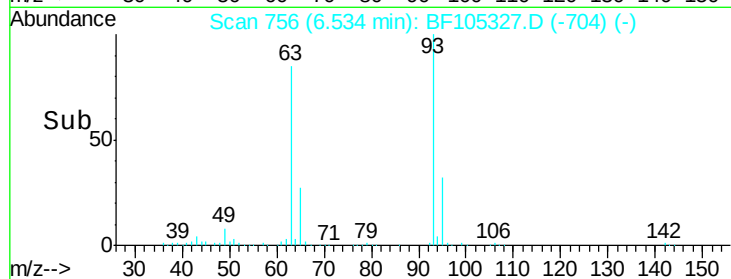
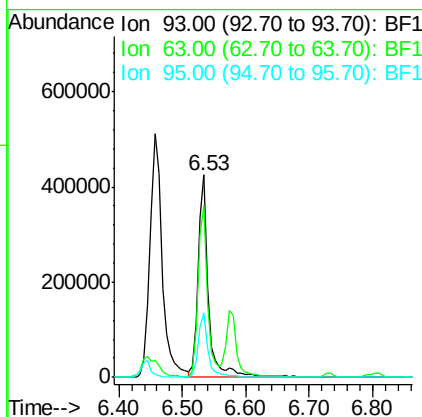
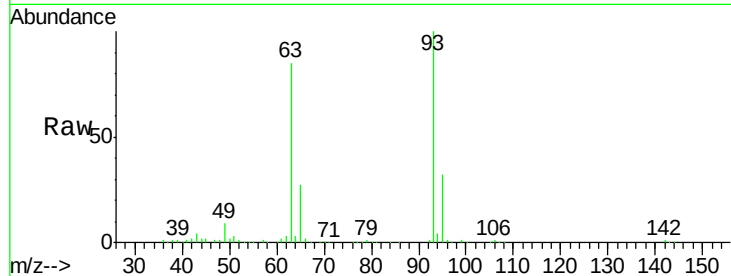




#11
bis(2-Chloroethyl)ether
Concen: 42.75 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

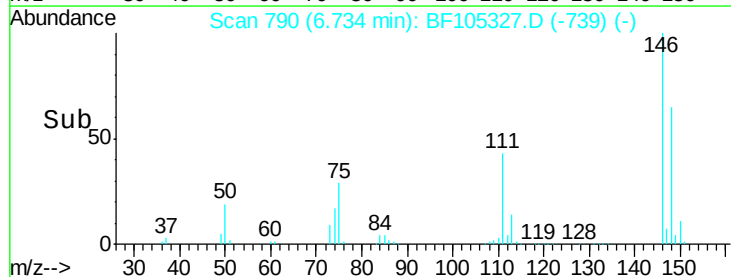
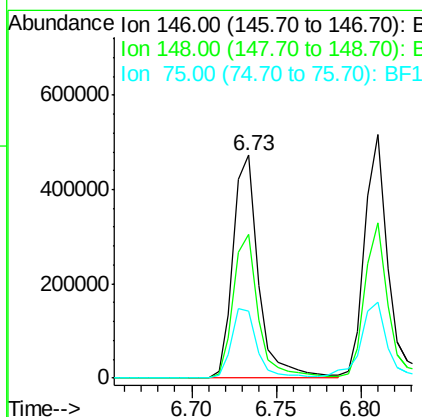
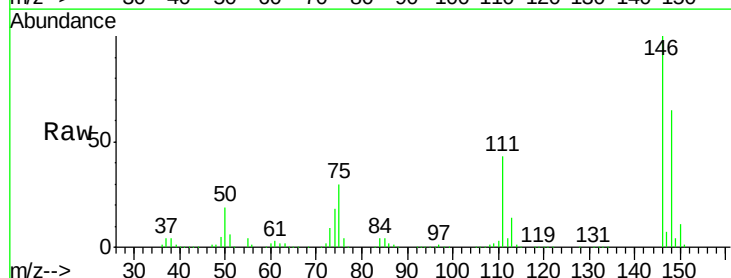
Instrument :
BNA_F
ClientSampleId :

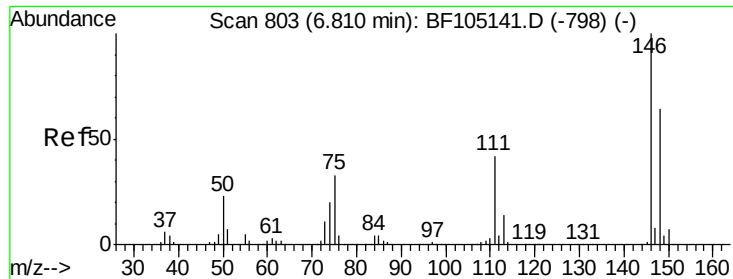
Tot Ion: 93 Resp: 468399
Ion Ratio Lower Upper
93 100
63 85.1 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.67 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion: 146 Resp: 497333
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 29.8 24.2 36.4

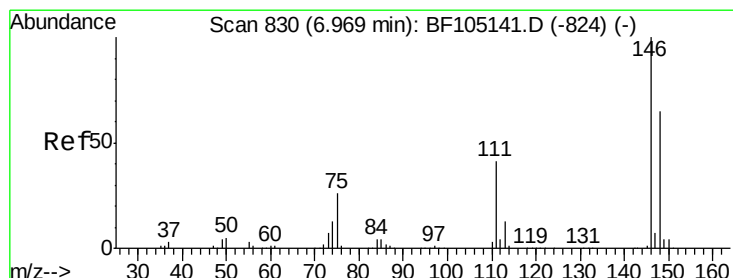
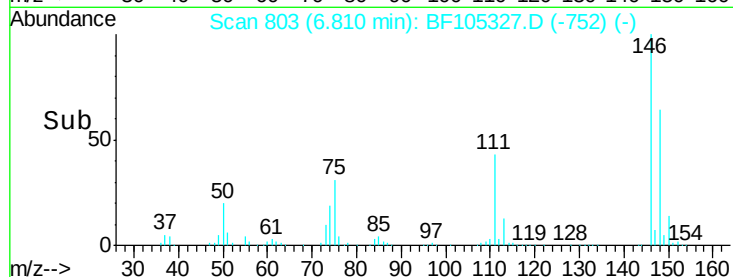
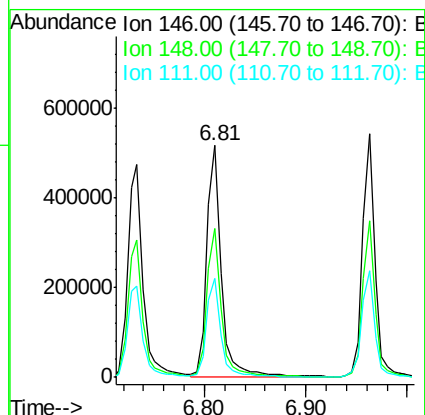
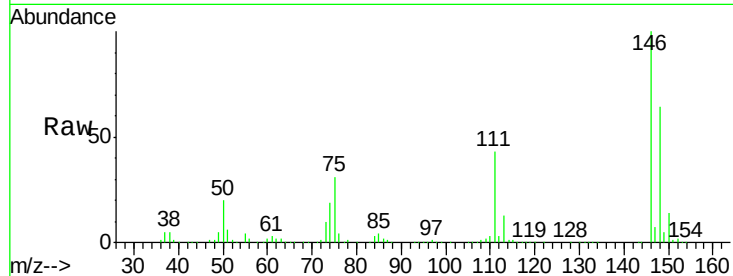




#13
 1,4-Dichlorobenzene
 Concen: 39.54 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

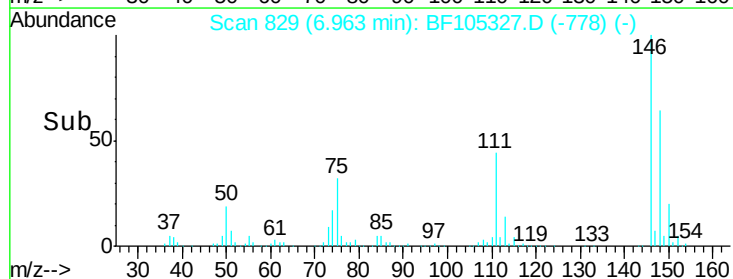
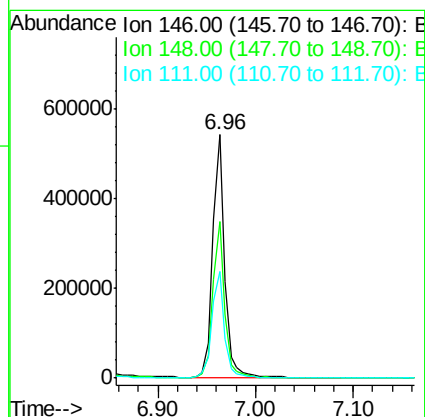
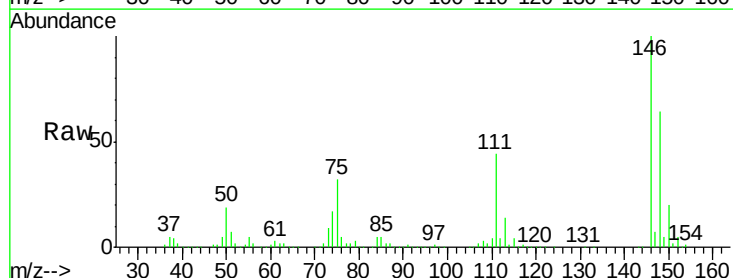
Instrument :
 BNA_F
 ClientSampleId :

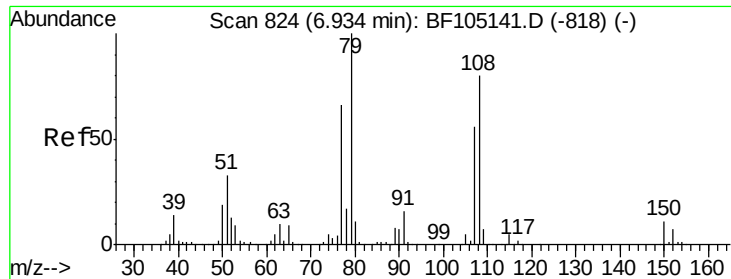
Tot Ion:146 Resp: 519151
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 42.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.26 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion:146 Resp: 462950
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 43.6 36.0 54.0

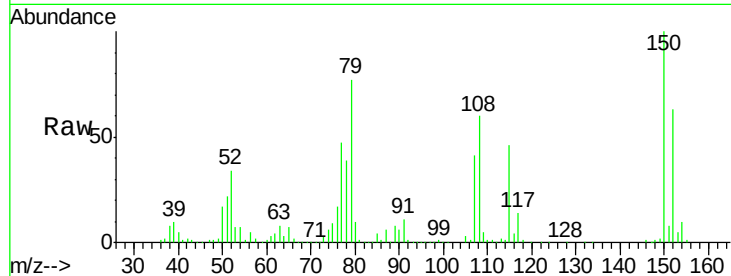




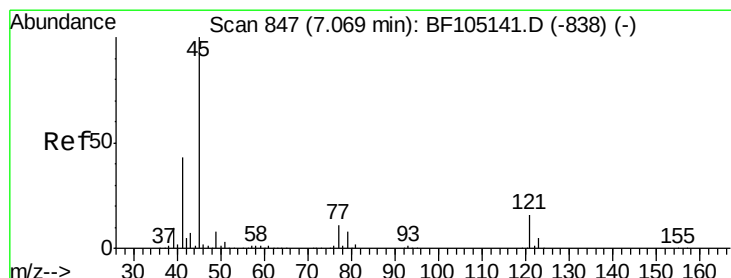
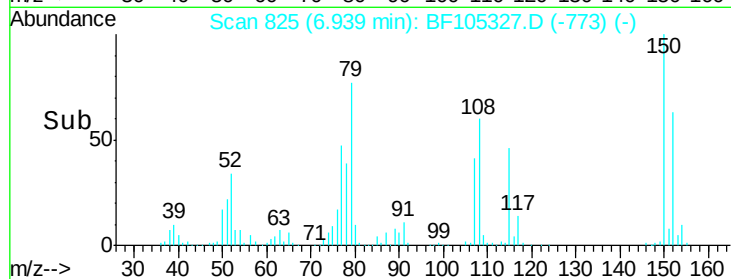
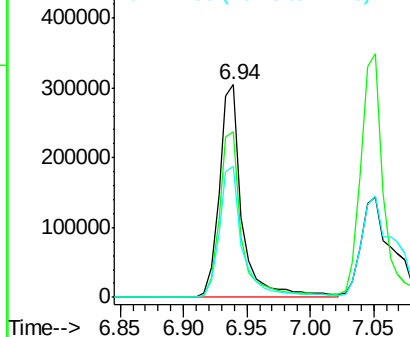
#15
Benzyl Alcohol
Concen: 37.52 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 380444
Ion Ratio Lower Upper
79 100
108 77.9 65.1 97.7
77 61.8 50.6 75.8

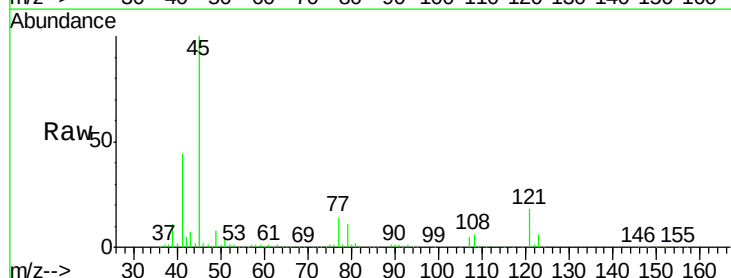


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

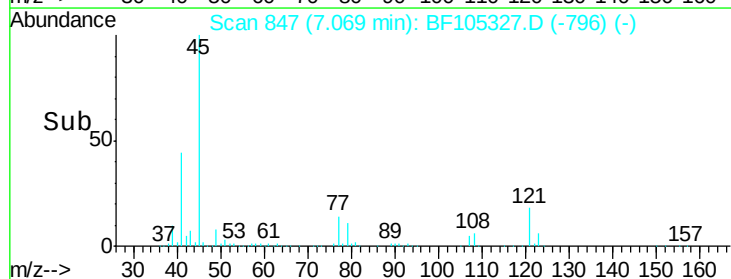
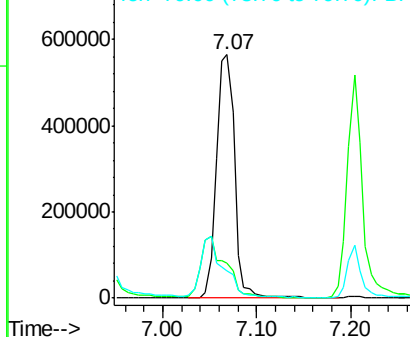


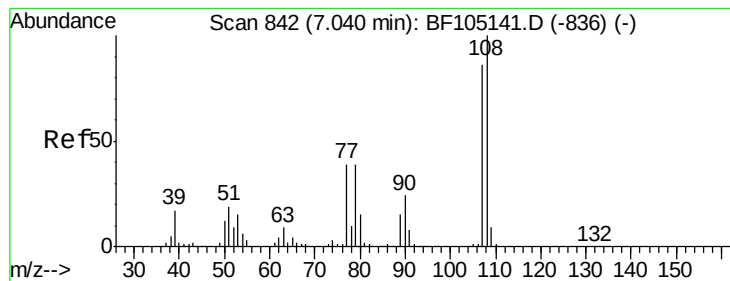
#16
2,2'-oxybis(1-chloropropane)
Concen: 39.96 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion: 45 Resp: 769143
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.9
79 11.3 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

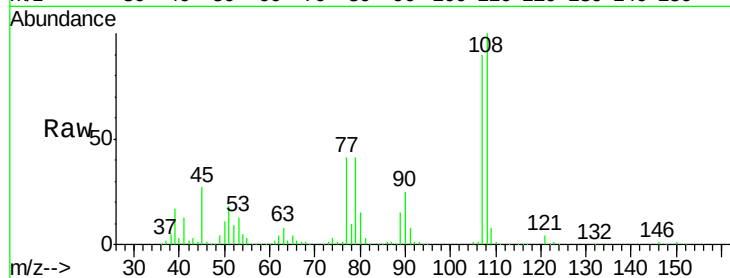




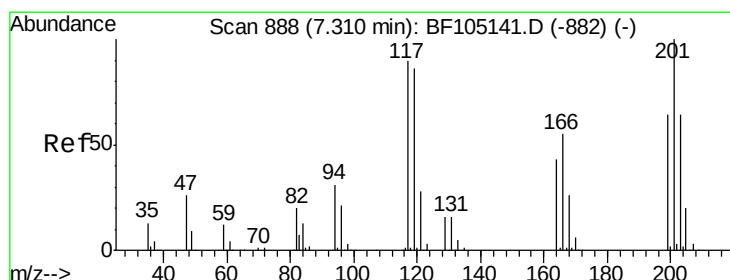
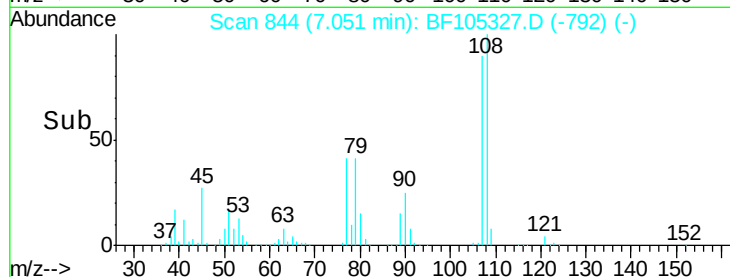
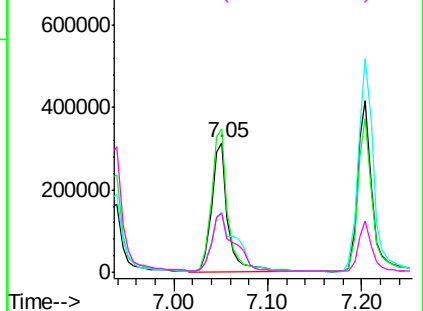
#17
2-Methylphenol
Concen: 39.24 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	386973
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	46.0	33.8	50.8
79	45.6	33.8	50.8

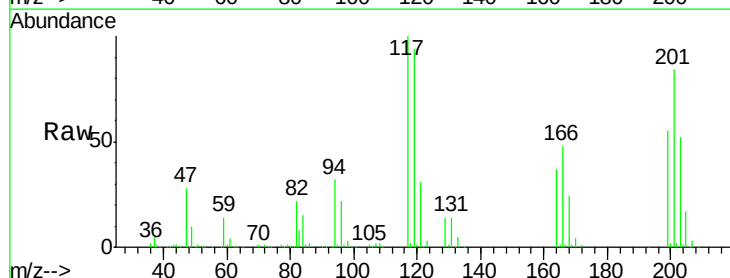


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

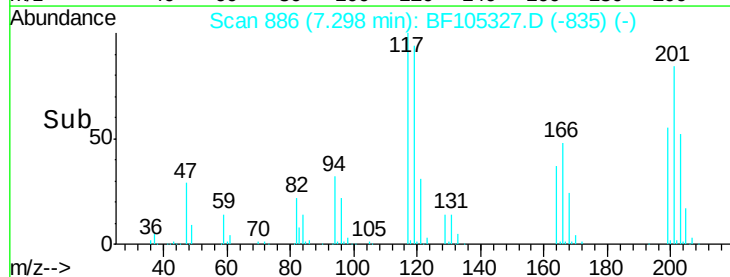
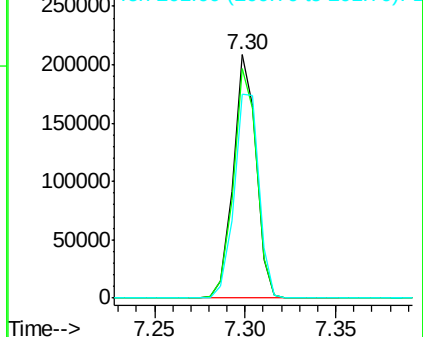


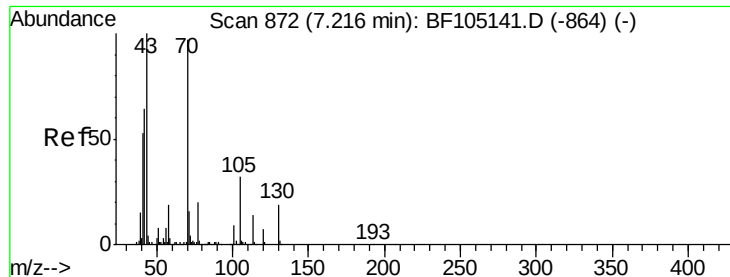
#18
Hexachloroethane
Concen: 38.59 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:	117	Resp:	183091
Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.8	113.8
201	83.7	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

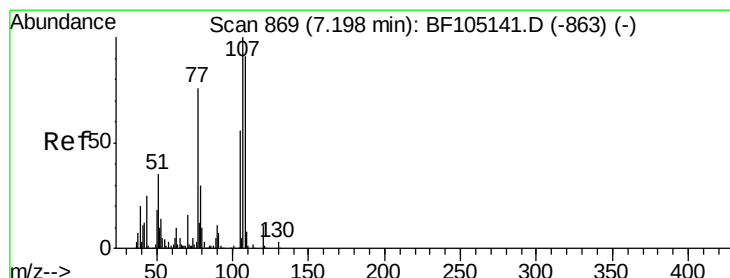
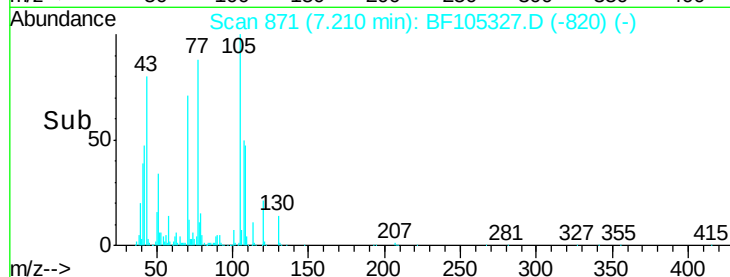
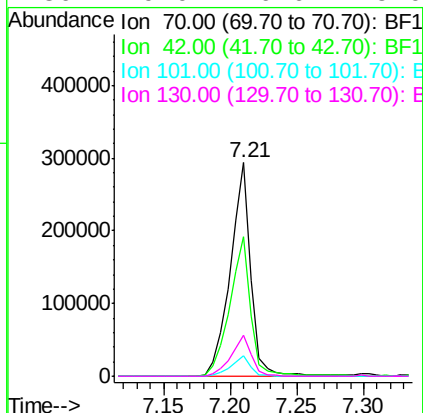
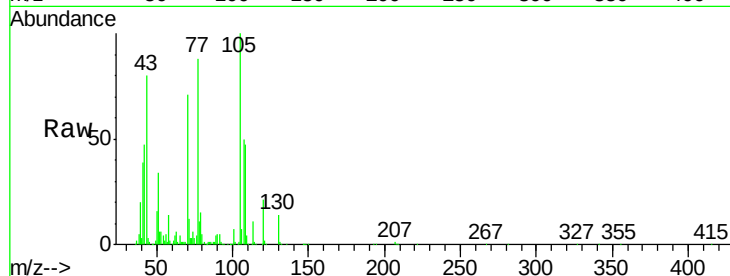




#19
n-Nitroso-di-n-propylamine
Concen: 38.56 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

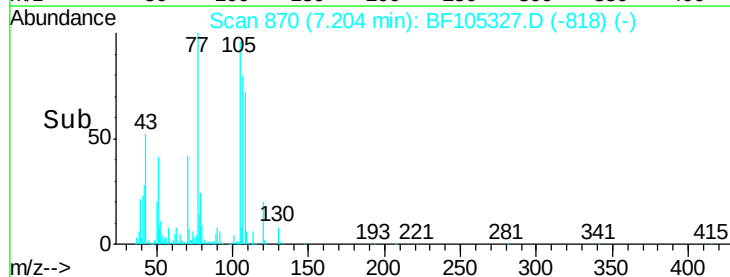
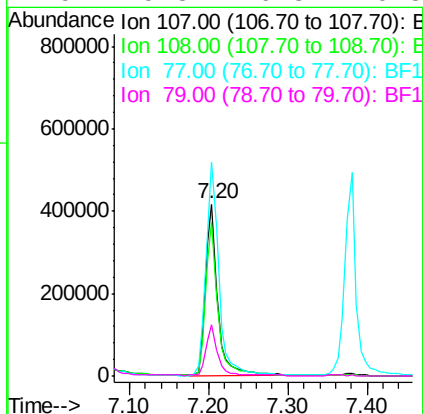
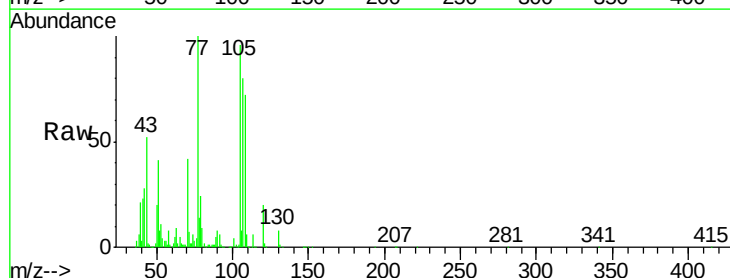
Instrument :
BNA_F
ClientSampleId :

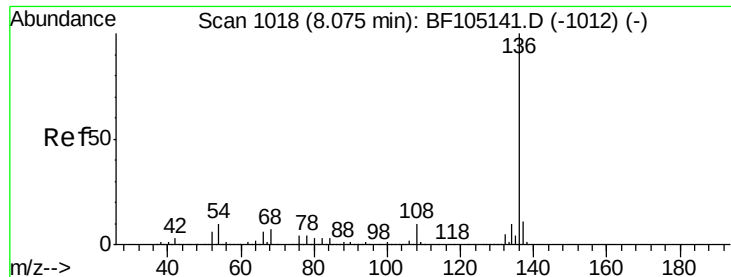
Tot Ion: 70 Resp: 318547
Ion Ratio Lower Upper
70 100
42 65.5 47.5 71.3
101 9.4 7.4 11.2
130 19.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.35 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion: 107 Resp: 450294
Ion Ratio Lower Upper
107 100
108 89.7 68.2 108.2
77 124.5 26.7 66.7#
79 29.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 714175

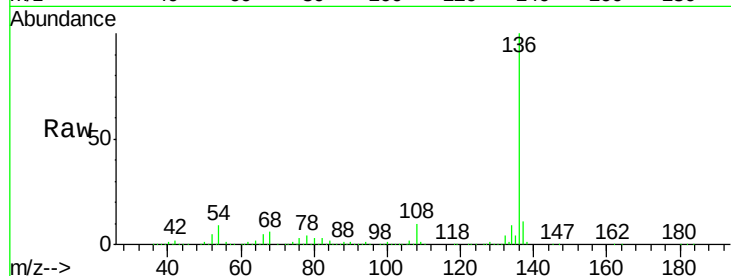
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.3 6.6 9.8

68 6.2 5.0 7.4

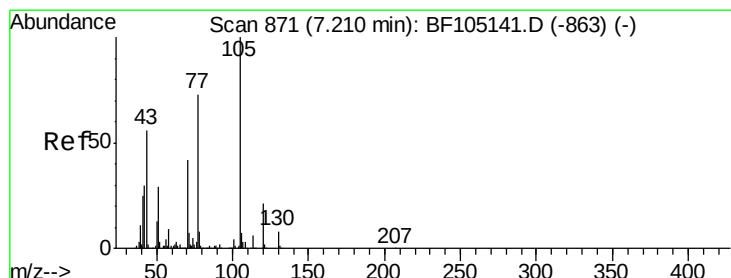
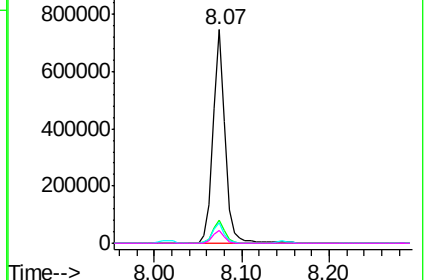
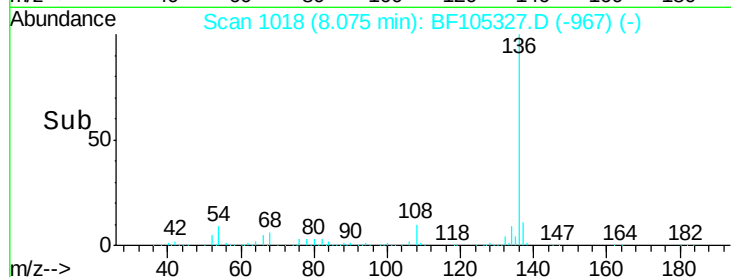


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.30 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Tgt Ion:105 Resp: 612084

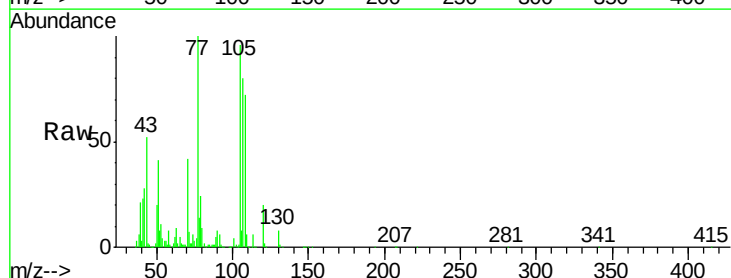
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 42.5 22.3 33.5#

120 20.8 16.9 25.3

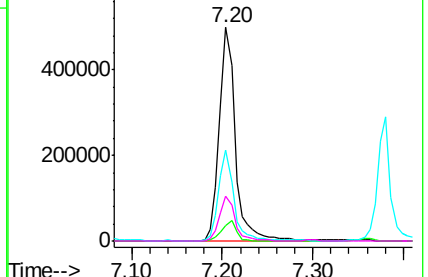
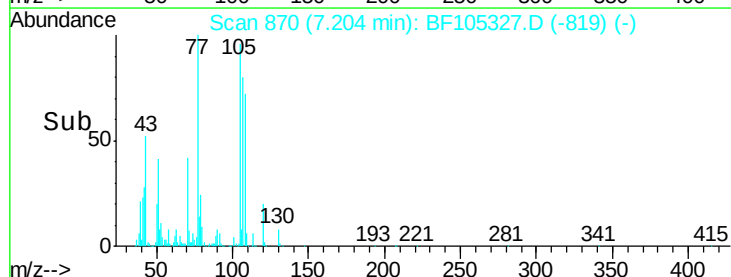


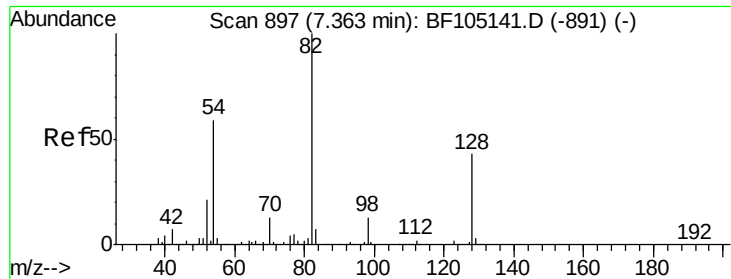
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

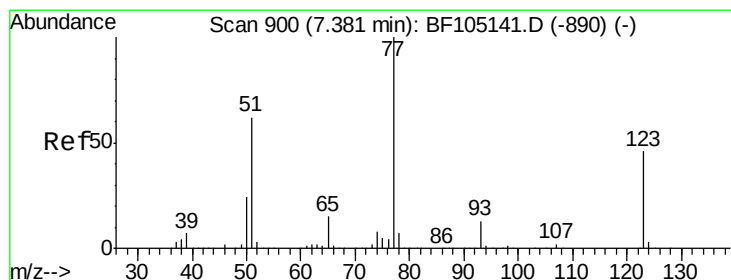
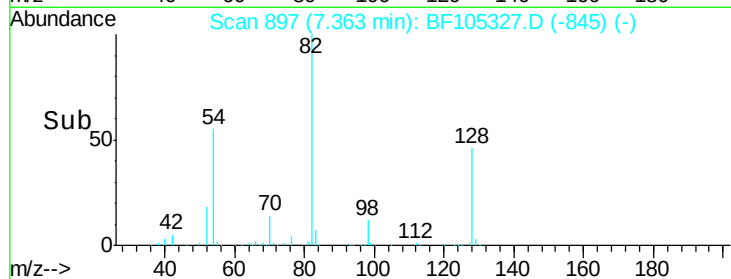
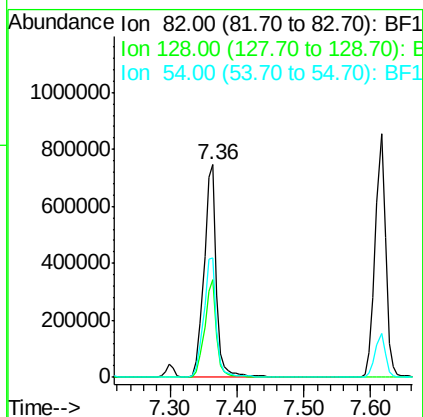
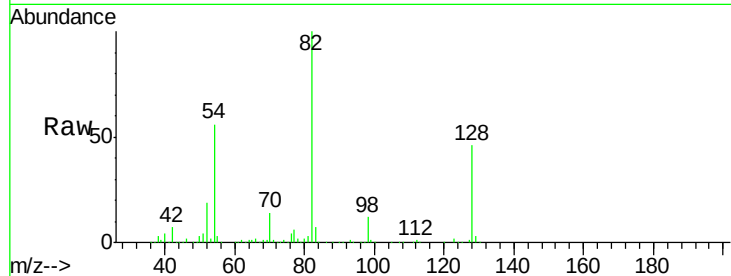




#23
Nitrobenzene-d5
Concen: 76.84 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

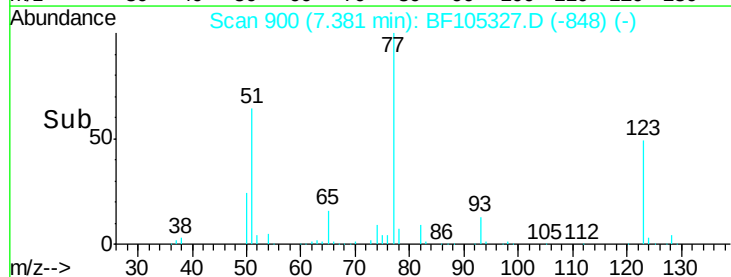
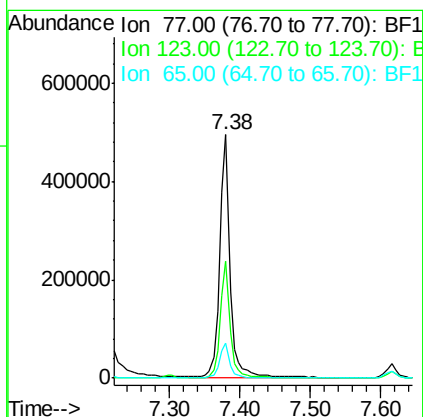
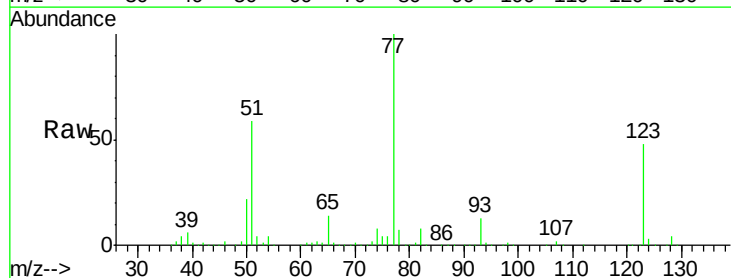
Instrument :
BNA_F
ClientSampleId :

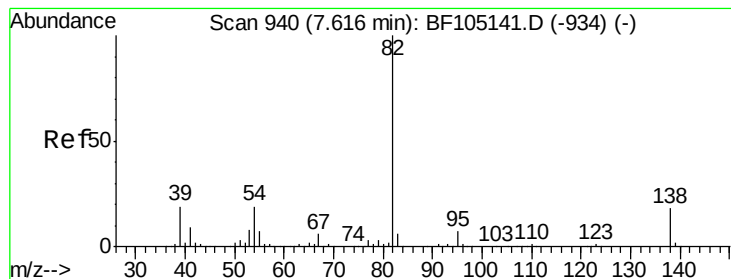
Tot Ion	82	Resp	942902
Ion Ratio	100	Lower	Upper
128	46.2	36.1	54.1
54	56.1	41.4	62.2



#24
Nitrobenzene
Concen: 38.86 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion	77	Resp	502129
Ion Ratio	100	Lower	Upper
123	48.2	37.9	56.9
65	14.2	11.0	16.4





#25

Isophorone

Concen: 38.29 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

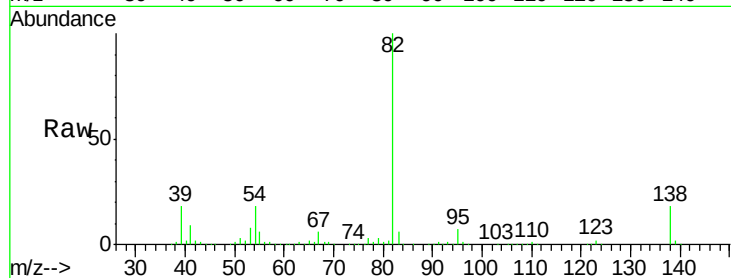
Tot Ion: 82 Resp: 889349

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

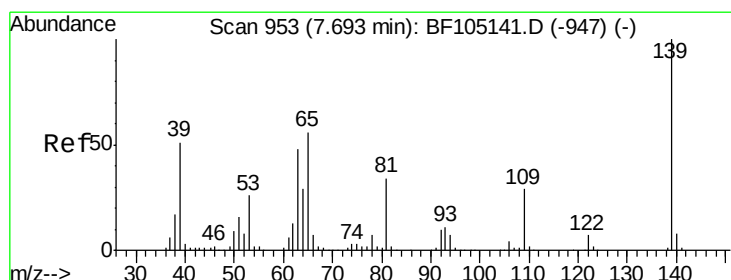
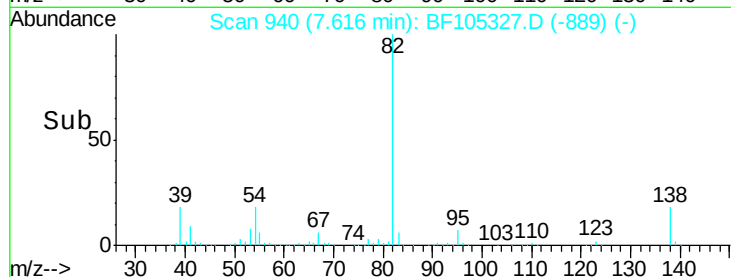
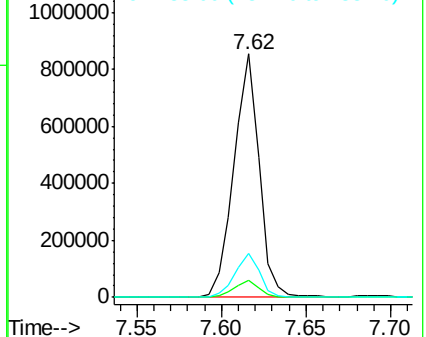
138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.79 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

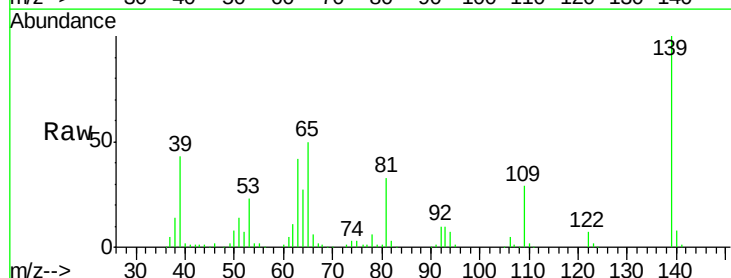
Tgt Ion: 139 Resp: 259375

Ion Ratio Lower Upper

139 100

109 28.5 22.7 34.1

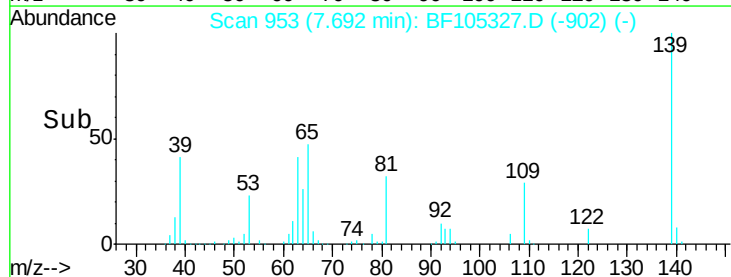
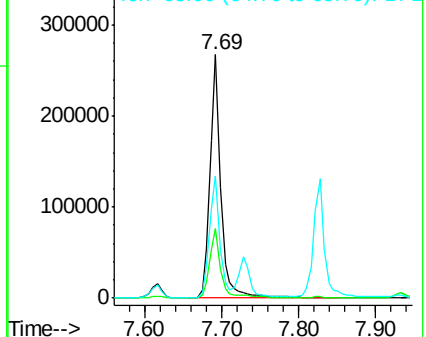
65 50.1 40.5 60.7

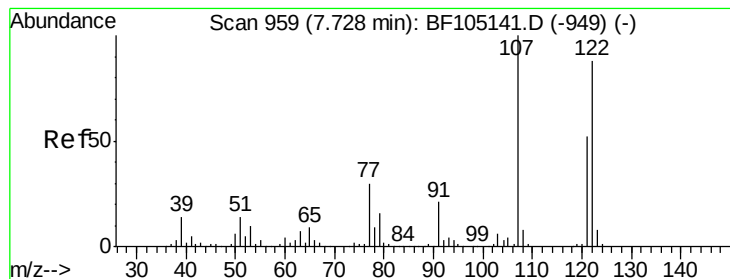


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.08 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampled :

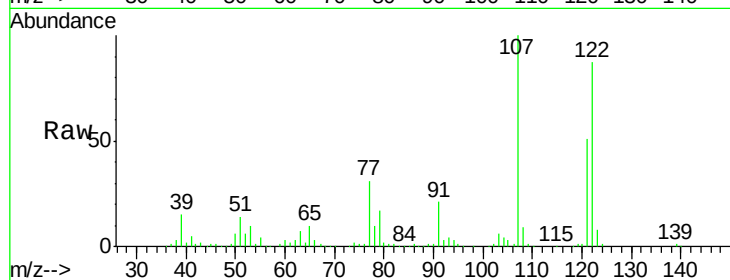
Tot Ion:122 Resp: 407758

Ion Ratio Lower Upper

122 100

107 114.5 91.2 136.8

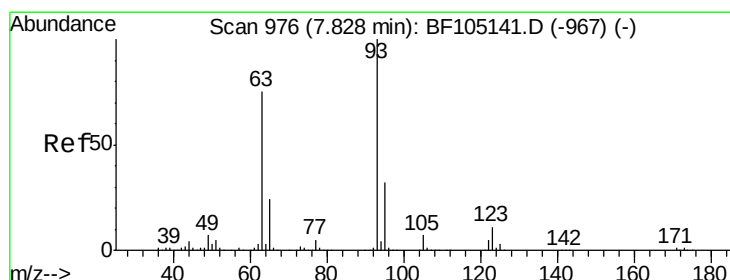
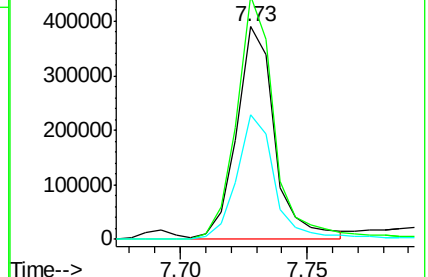
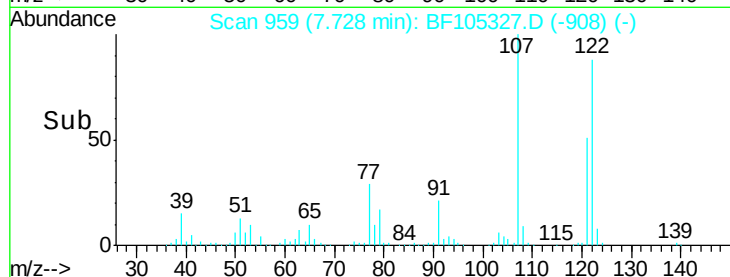
121 58.8 47.2 70.8



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: 39.00 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

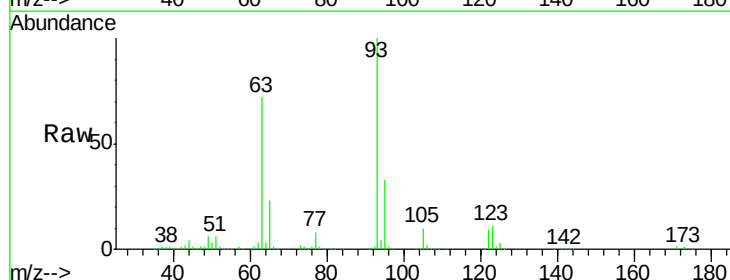
Tgt Ion: 93 Resp: 555609

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

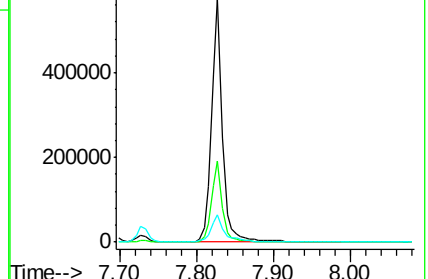
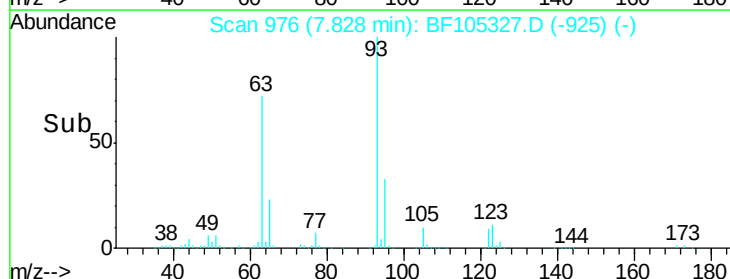
123 11.4 9.8 14.6

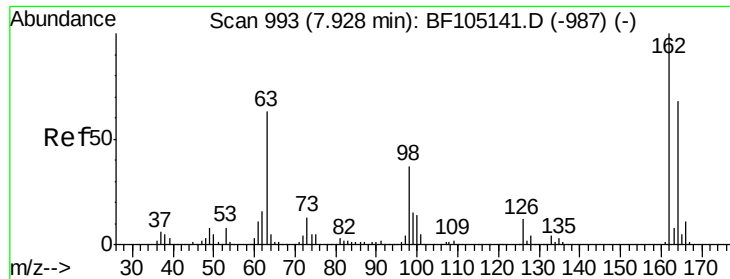


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

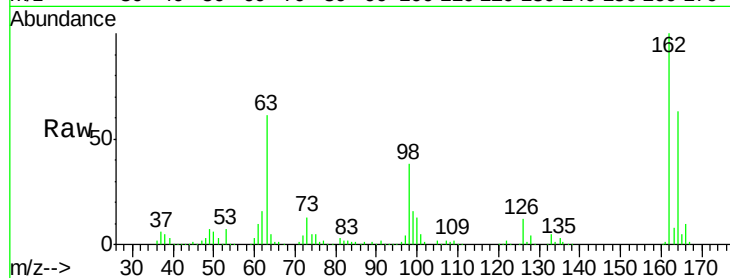




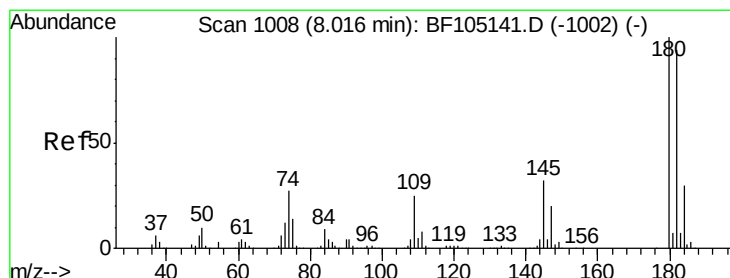
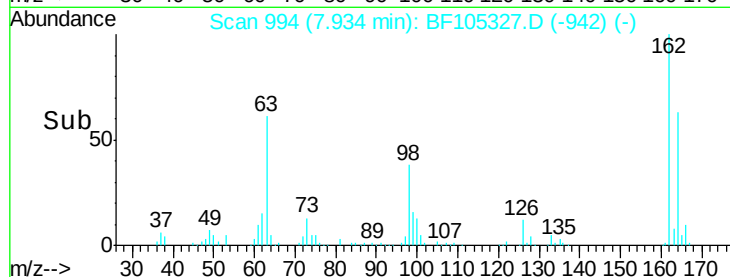
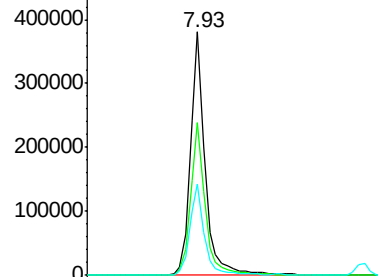
#29
2,4-Dichlorophenol
Concen: 38.29 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	37.7	18.1	58.1

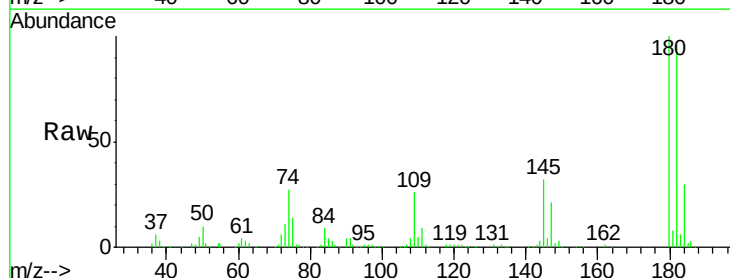


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

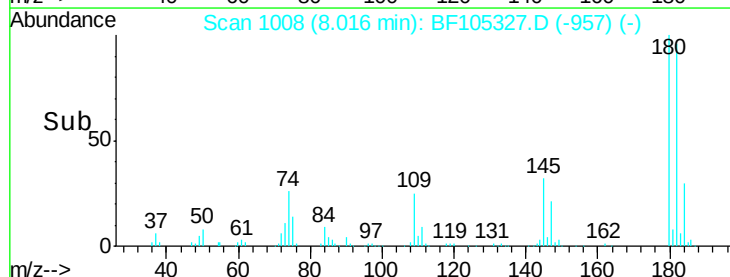
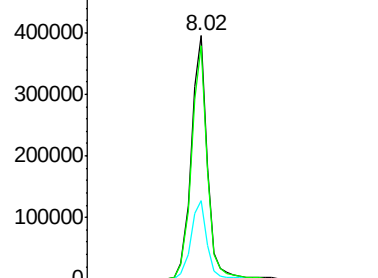


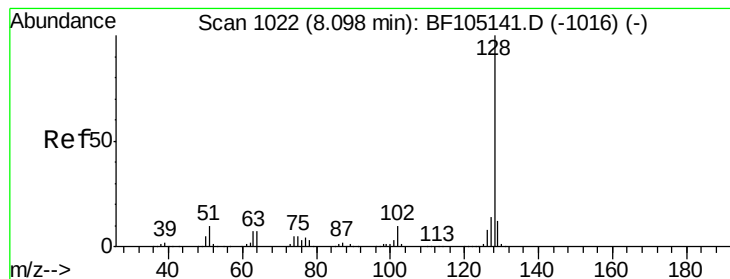
#30
1,2,4-Trichlorobenzene
Concen: 37.81 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	32.4	26.5	39.7



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





#31

Naphthalene

Concen: 37.39 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

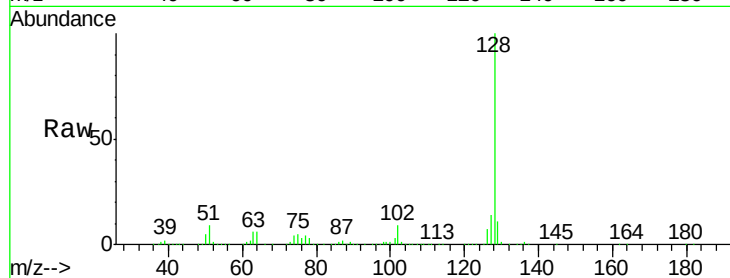
Tot Ion:128 Resp: 1300351

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

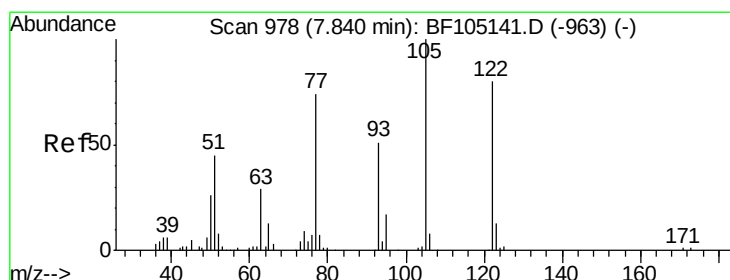
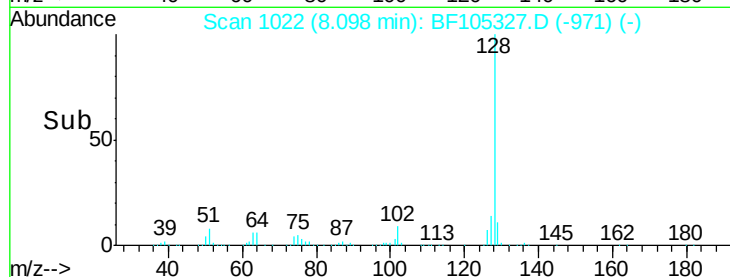
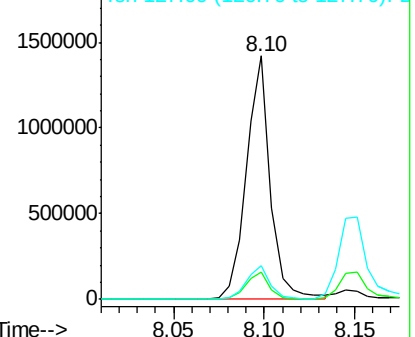
127 14.0 10.9 16.3



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: 35.25 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

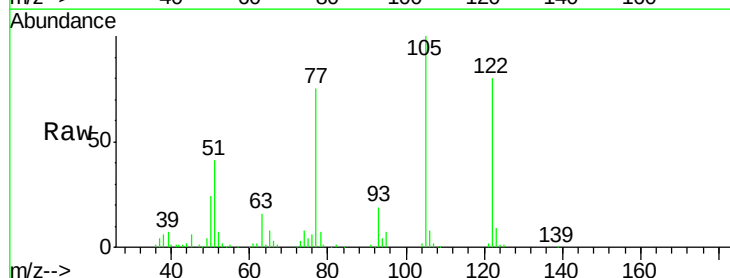
Tgt Ion:122 Resp: 280444

Ion Ratio Lower Upper

122 100

105 125.7 101.1 141.1

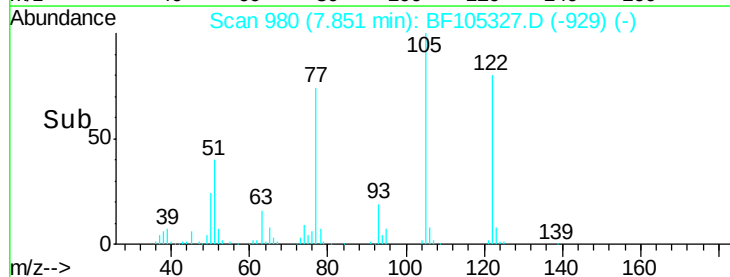
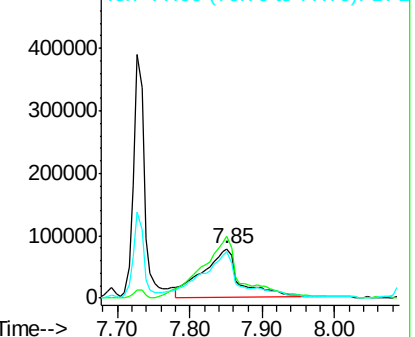
77 94.6 70.7 110.7

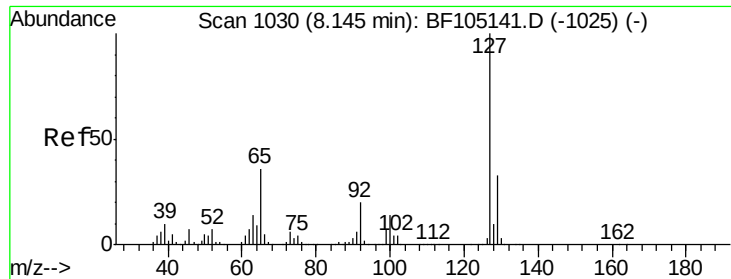


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

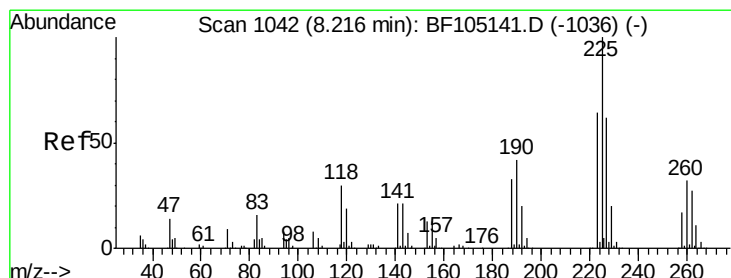
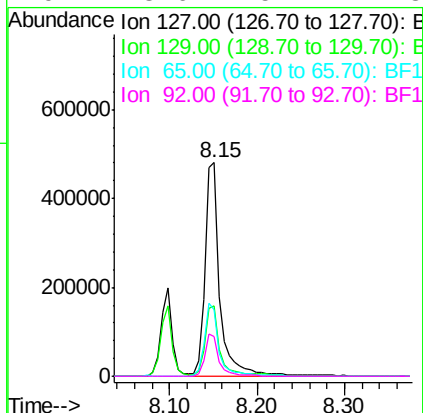
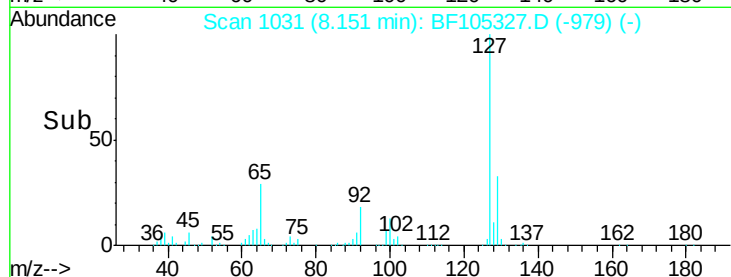
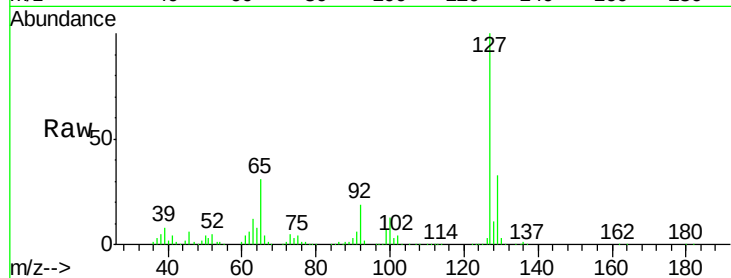




#33
4-Chloroaniline
Concen: 39.13 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

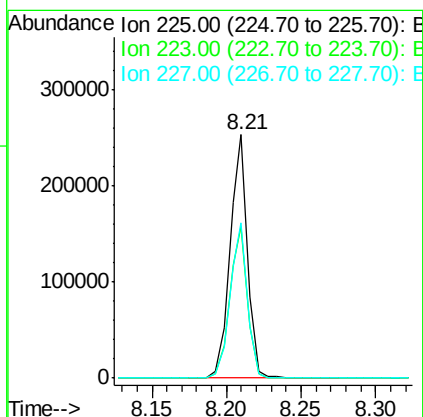
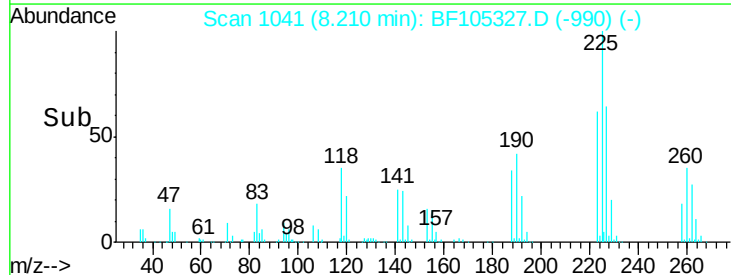
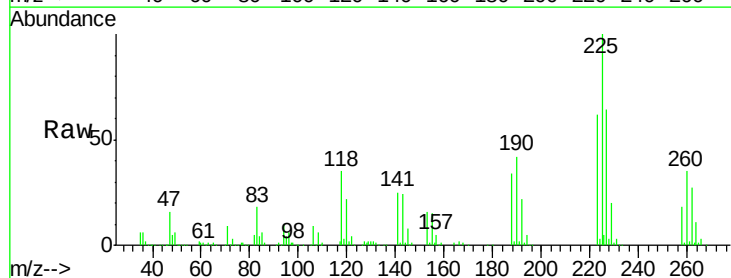
Instrument :
BNA_F
ClientSampleId :

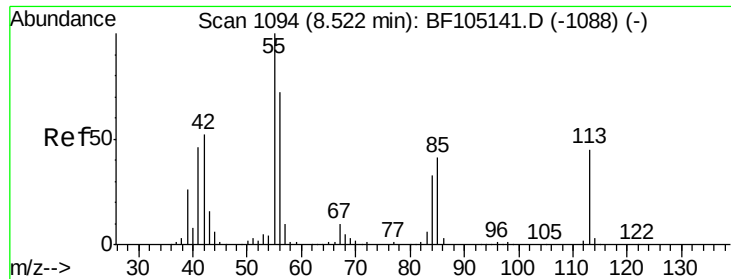
Tot Ion:	127	Resp:	564998
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	31.0	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 36.55 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:	225	Resp:	208989
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	63.6	51.9	77.9

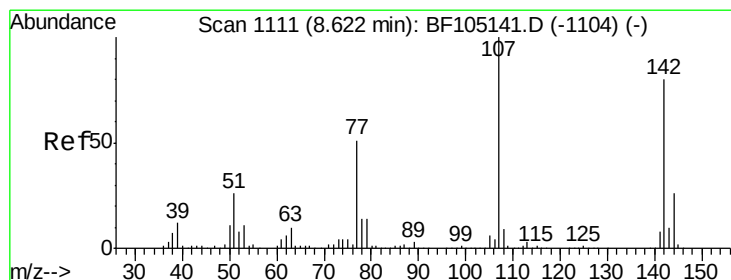
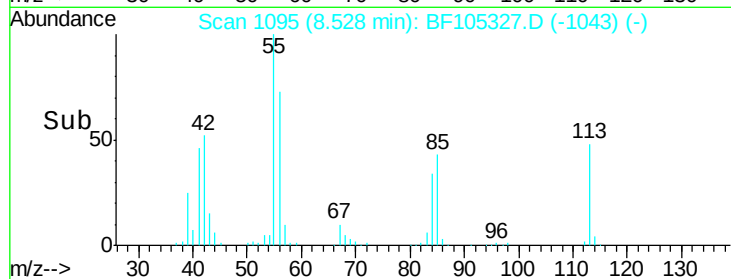
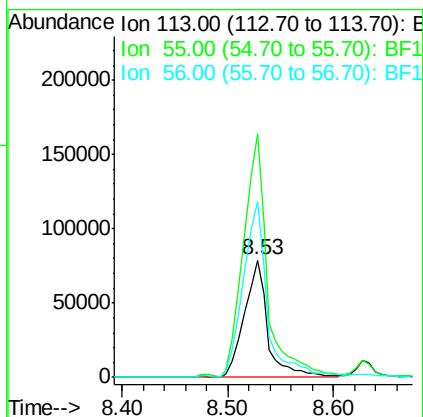
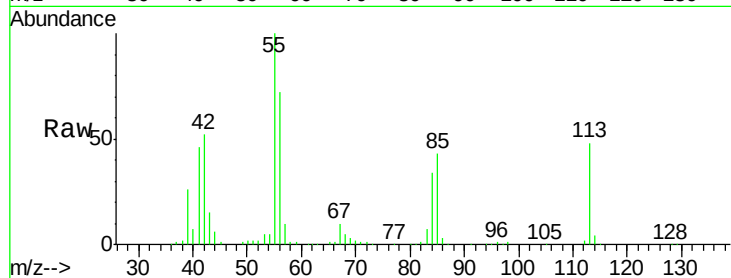




#35
Caprolactam
Concen: 39.30 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

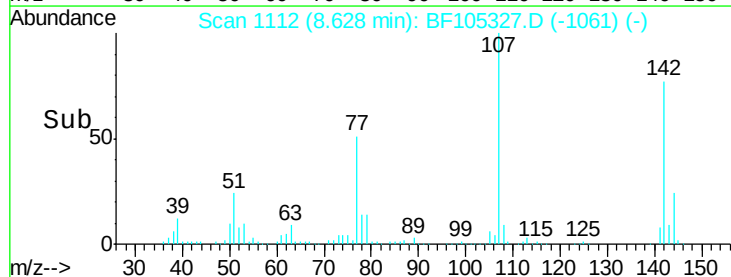
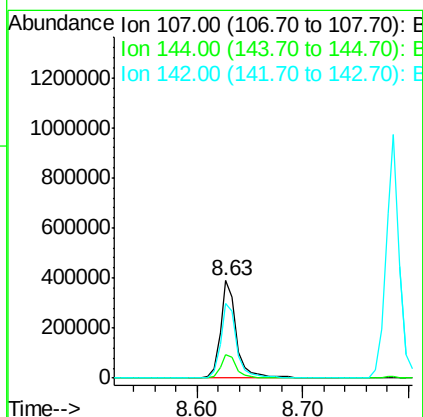
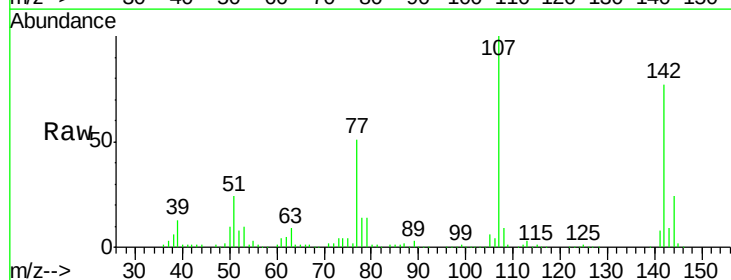
Instrument :
BNA_F
ClientSampleId :

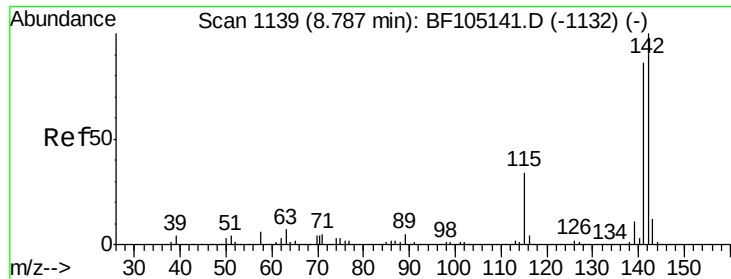
Tot Ion:113 Resp: 121872
Ion Ratio Lower Upper
113 100
55 208.3 163.3 203.3#
56 150.8 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 38.48 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:107 Resp: 415614
Ion Ratio Lower Upper
107 100
144 24.0 20.5 30.7
142 76.6 62.0 93.0

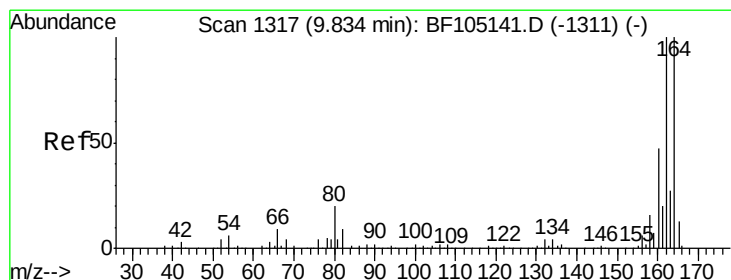
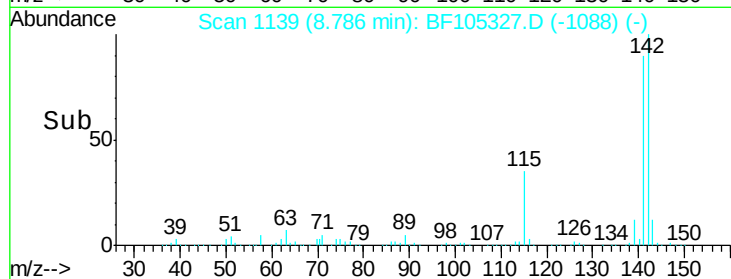
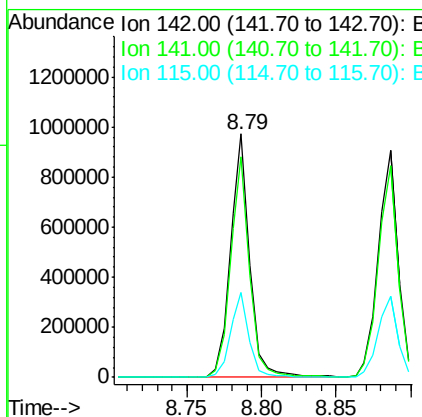
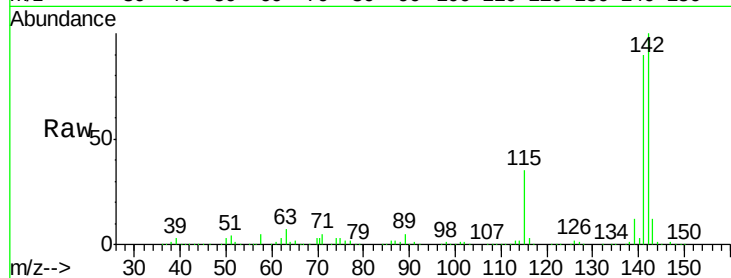




#37
2-Methylnaphthalene
Concen: 37.74 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

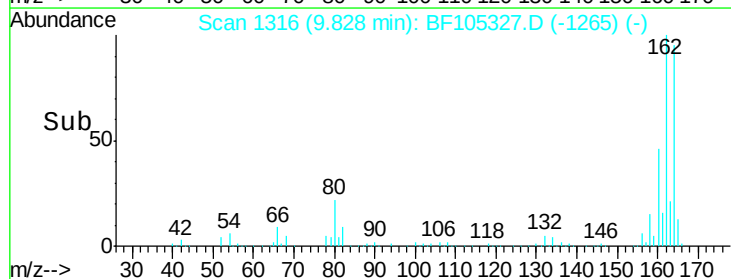
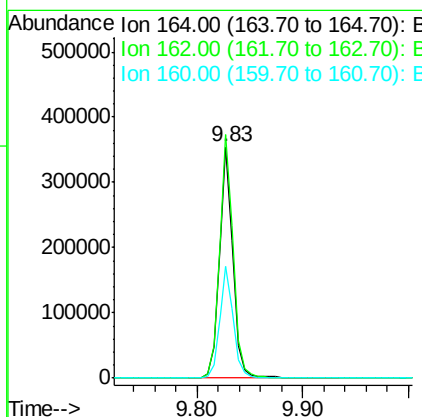
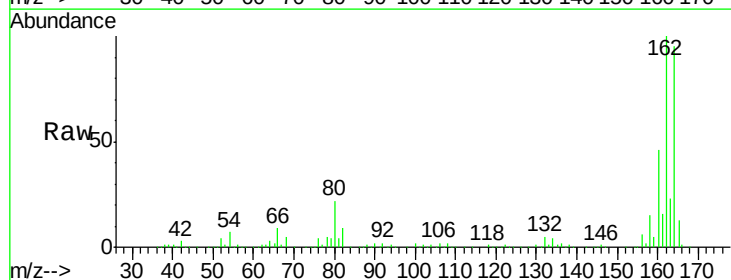
Instrument :
BNA_F
ClientSampleId :

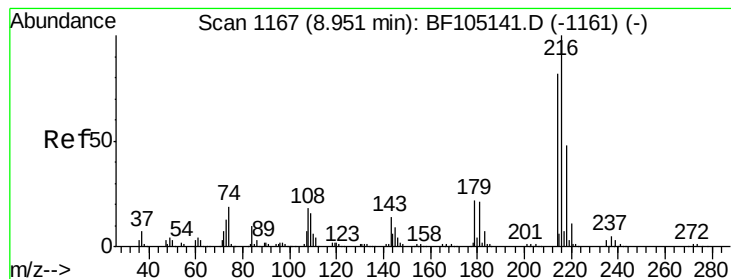
Tot Ion:142 Resp: 882643
Ion Ratio Lower Upper
142 100
141 90.4 70.8 106.2
115 34.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:164 Resp: 322415
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 48.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.51 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 364871

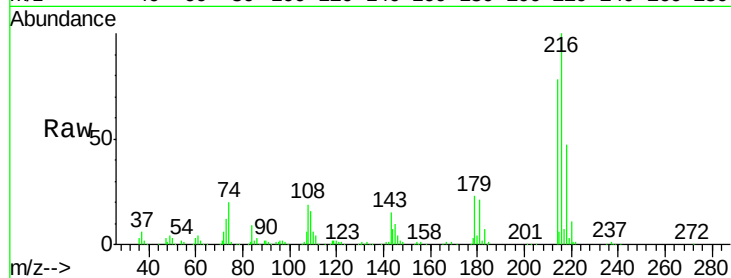
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 23.2 18.1 27.1

108 22.5 17.2 25.8

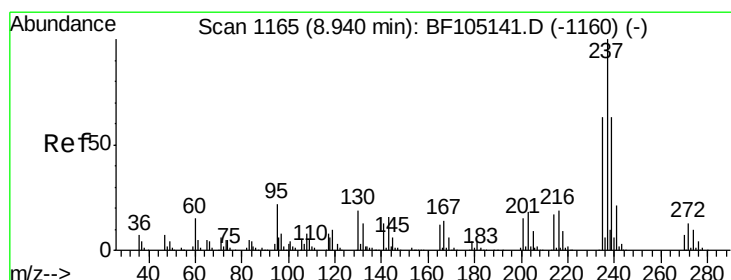
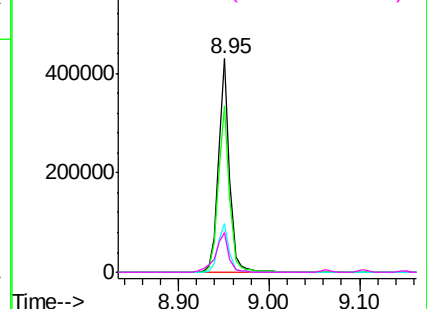
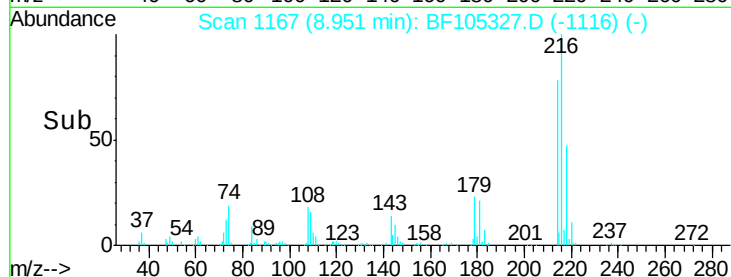


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 37.05 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

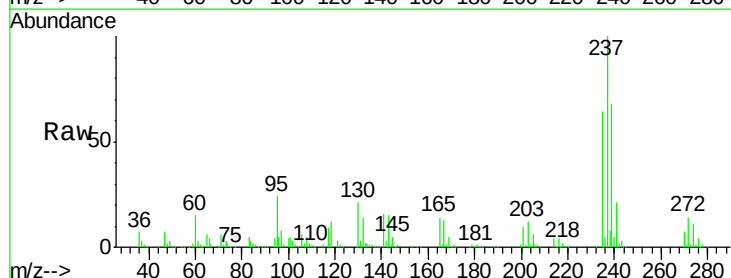
Tgt Ion:237 Resp: 243890

Ion Ratio Lower Upper

237 100

235 64.3 44.8 84.8

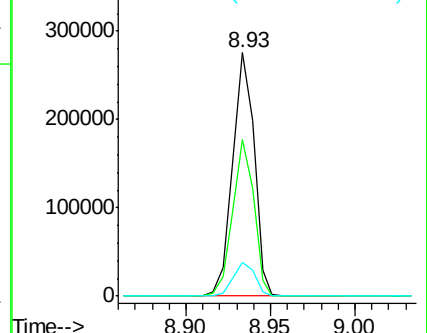
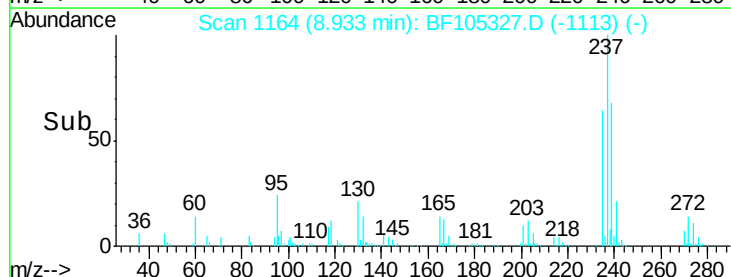
272 13.9 0.0 33.3

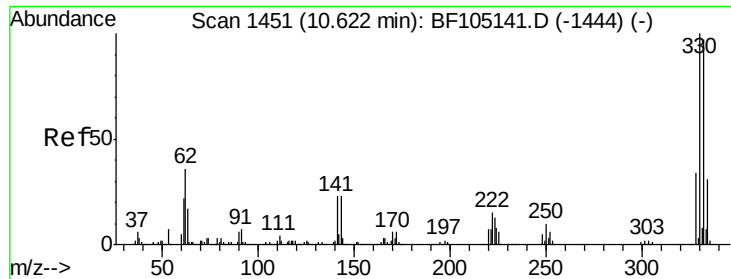


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

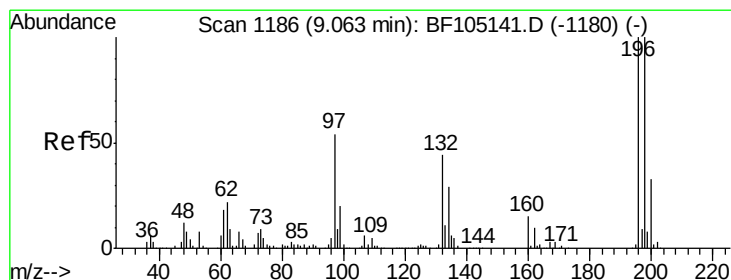
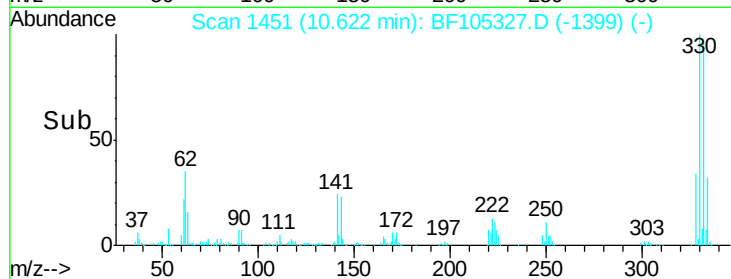
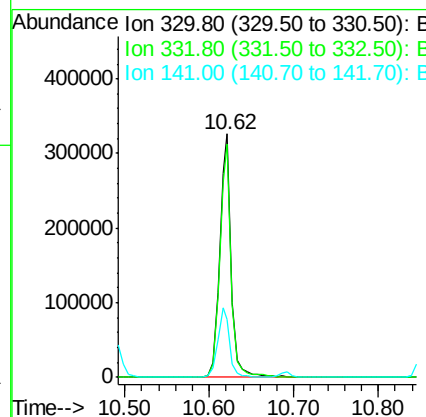
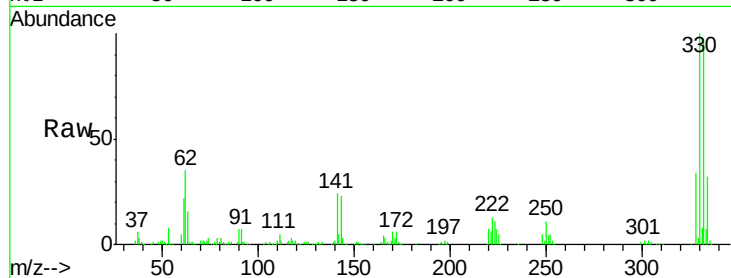




#41
 2,4,6-Tribromophenol
 Concen: 76.50 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

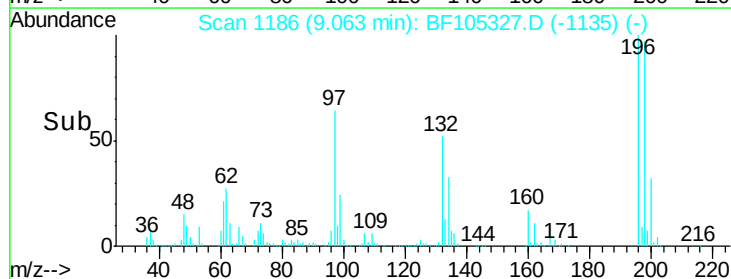
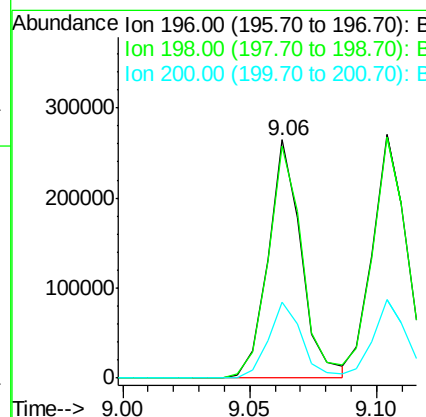
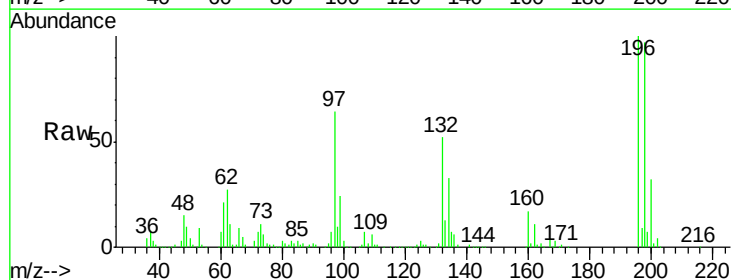
Instrument :
 BNA_F
 ClientSampleId :

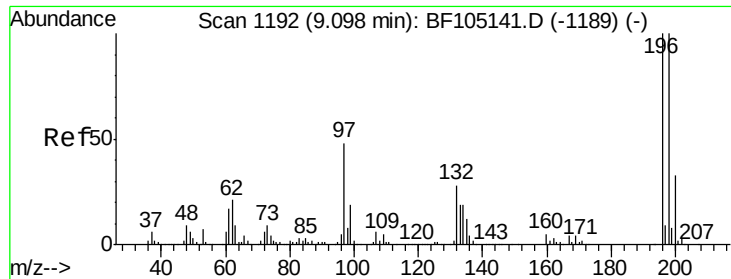
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	29.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.84 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
200	32.1	24.5	36.7

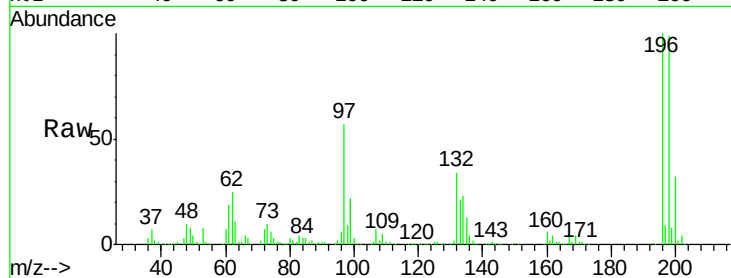




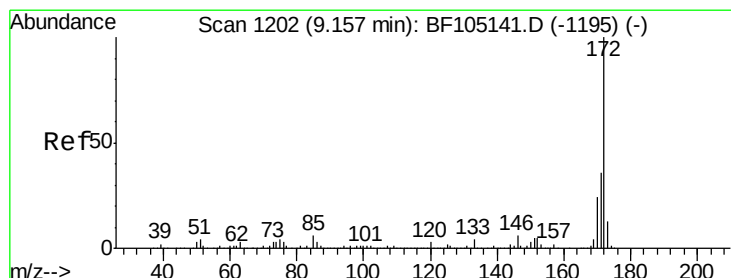
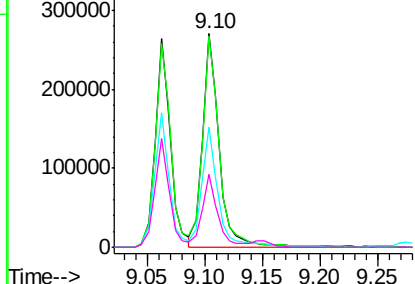
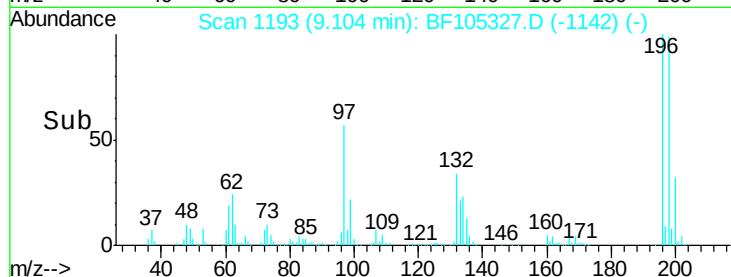
#43
 2,4,5-Trichlorophenol
 Concen: 38.06 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	272029
Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.6	112.0
97	56.6	42.9	64.3
132	34.0	26.3	39.5

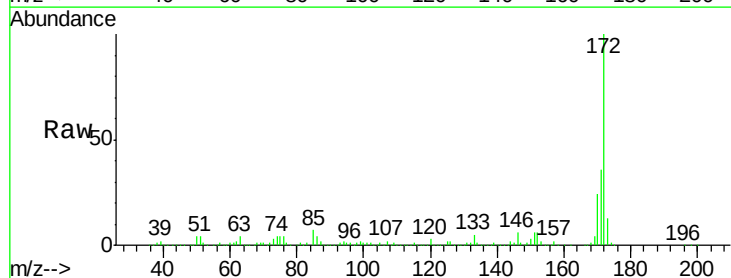


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

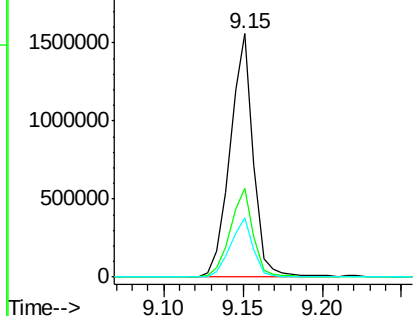
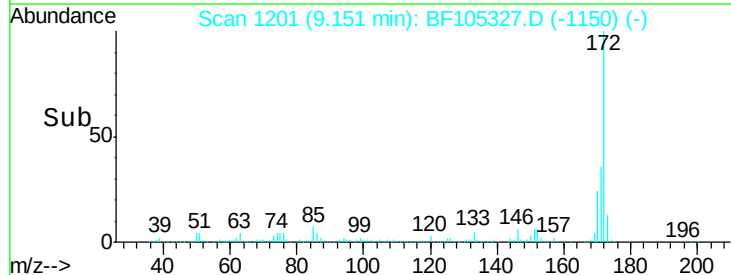


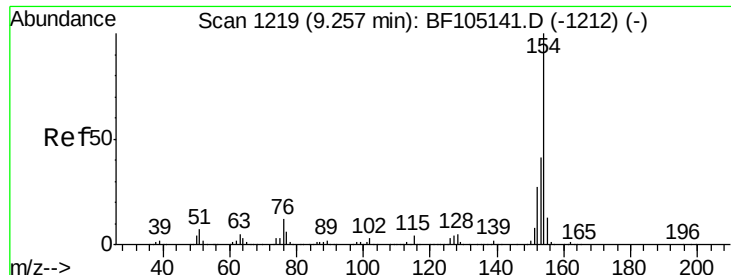
#44
 2-Fluorobiphenyl
 Concen: 70.57 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion:	172	Resp:	1578596
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

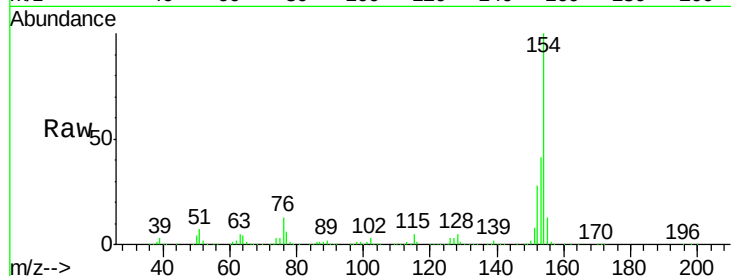




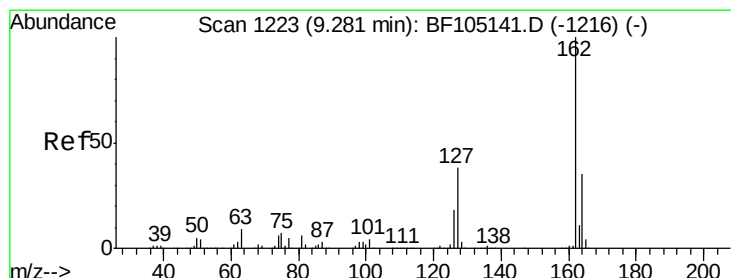
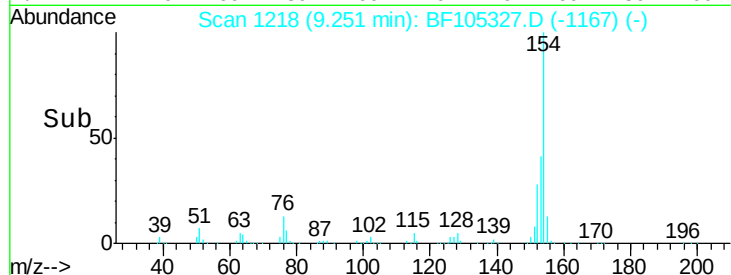
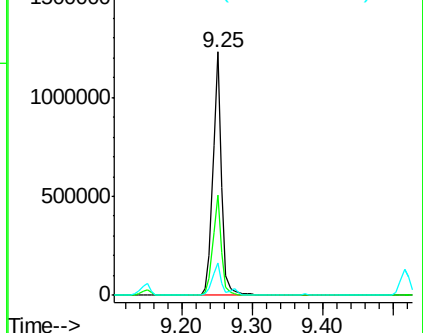
#45
 1,1'-Biphenyl
 Concen: 37.05 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1063098
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 13.4 0.0 34.0

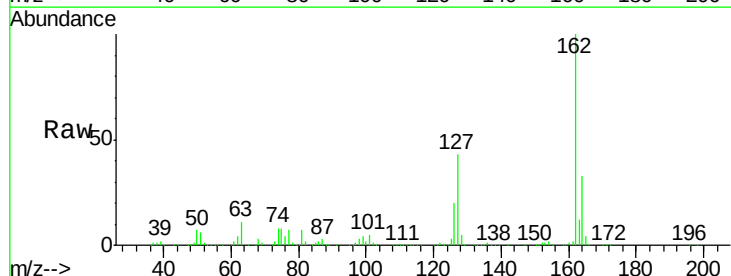


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

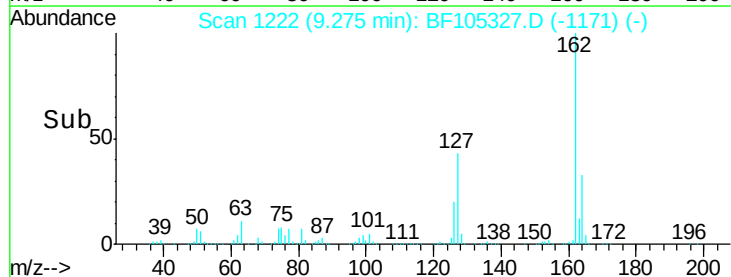
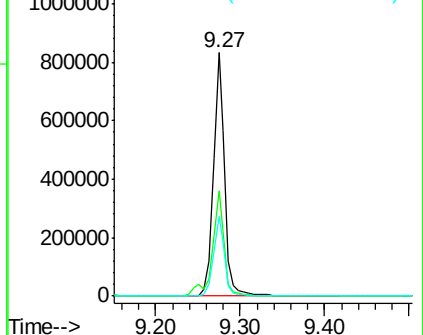


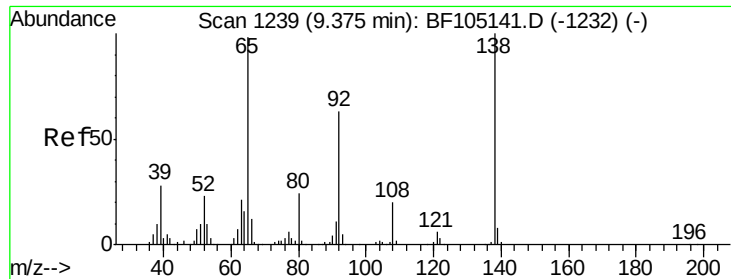
#46
 2-Chloronaphthalene
 Concen: 37.13 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion:162 Resp: 797944
 Ion Ratio Lower Upper
 162 100
 127 43.2 33.9 50.9
 164 32.8 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

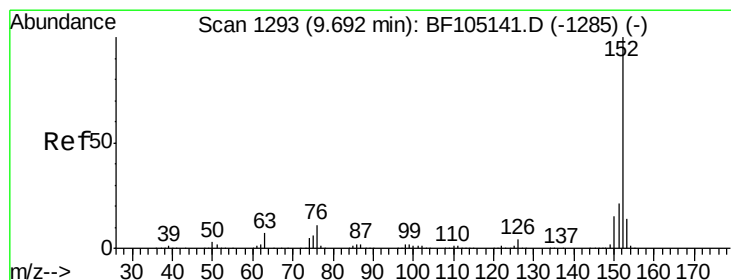
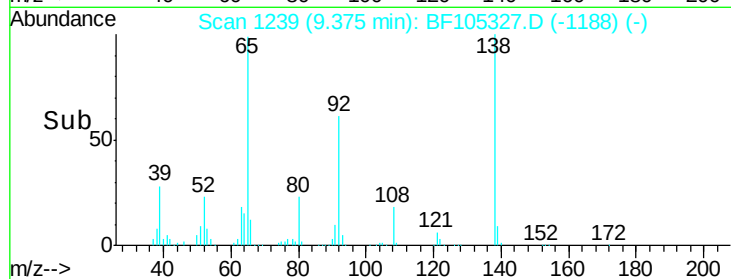
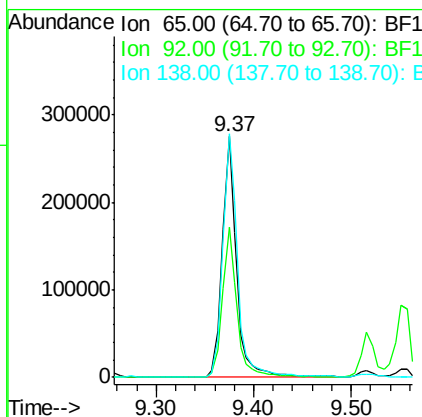
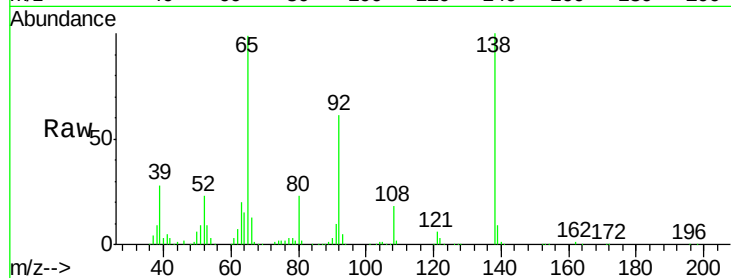




#47
2-Nitroaniline
Concen: 39.41 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

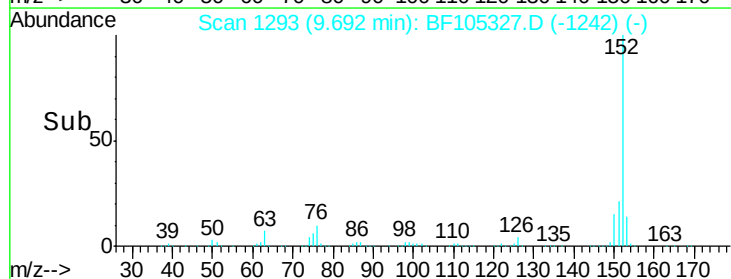
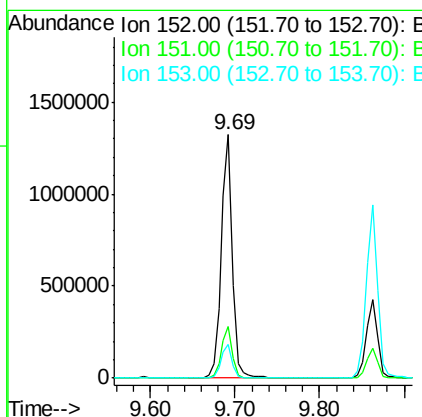
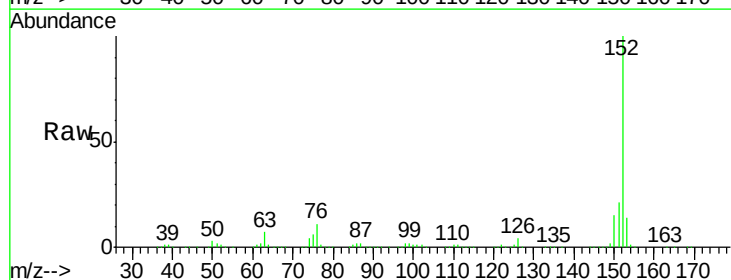
Instrument :
BNA_F
ClientSampleId :

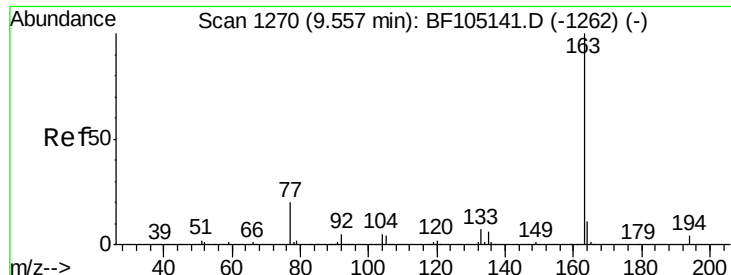
Tot Ion: 65 Resp: 284576
Ion Ratio Lower Upper
65 100
92 62.2 55.8 83.6
138 101.2 91.2 136.8



#48
Acenaphthylene
Concen: 37.36 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion: 152 Resp: 1230655
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.7 10.7 16.1

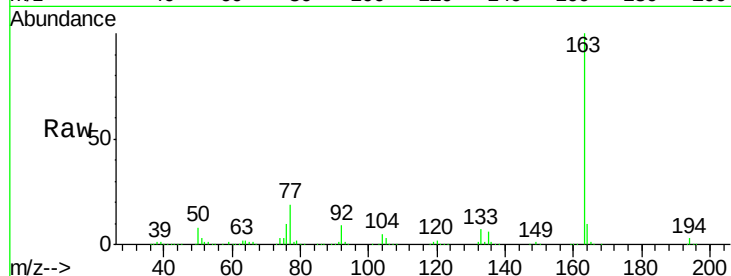




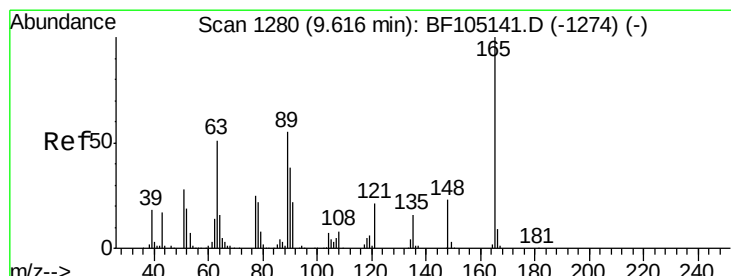
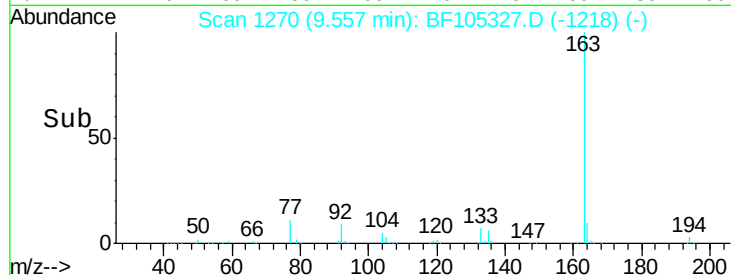
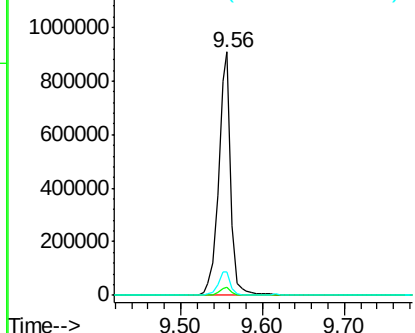
#49
Dimethylphthalate
Concen: 37.93 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 938724
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2

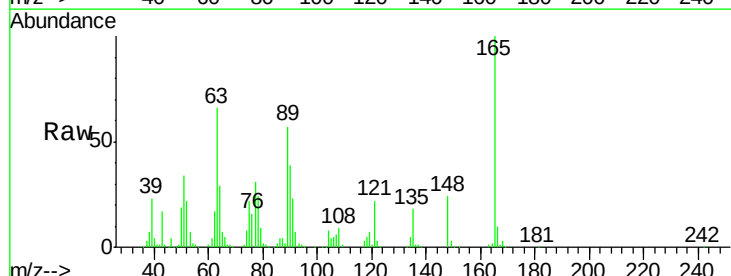


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

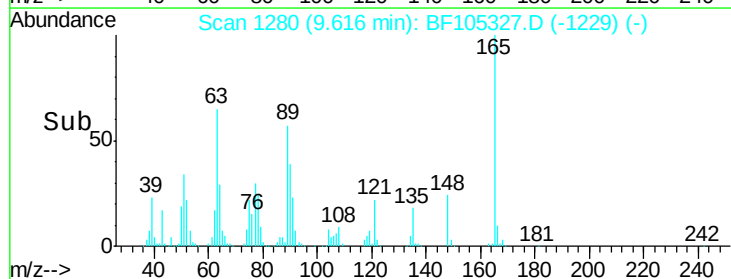
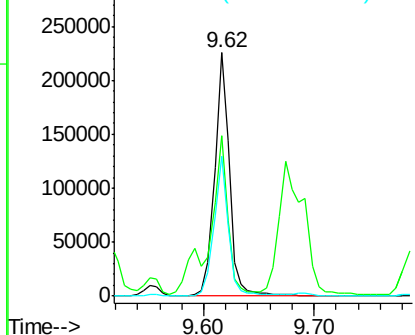


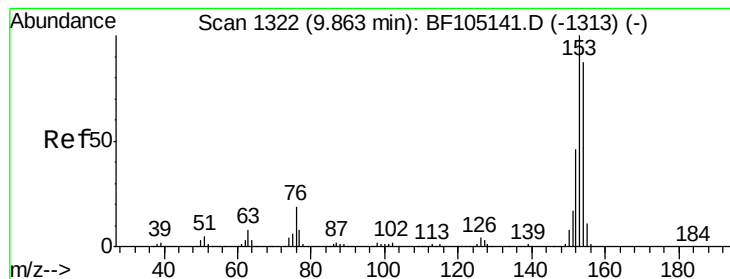
#50
2,6-Dinitrotoluene
Concen: 38.40 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:165 Resp: 209256
Ion Ratio Lower Upper
165 100
63 65.6 44.7 67.1
89 57.3 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: 33.91 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

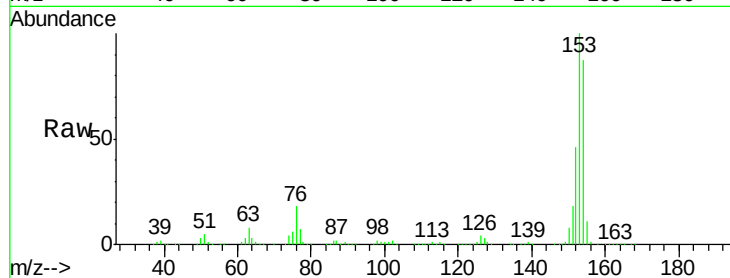
Tot Ion:154 Resp: 739557

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

152 52.7 43.8 65.8

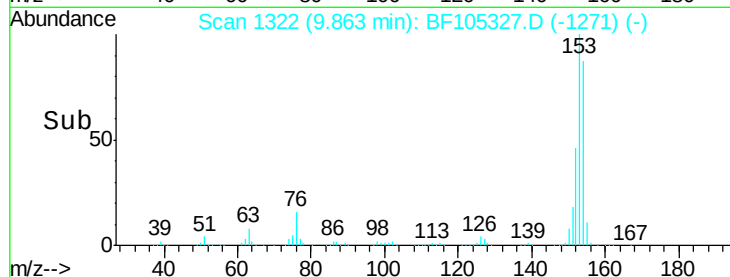


Abundance Ion 154.00 (153.70 to 154.70): E

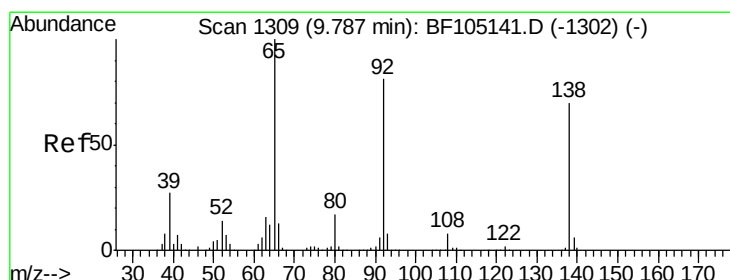
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#52

3-Nitroaniline

Concen: 38.64 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

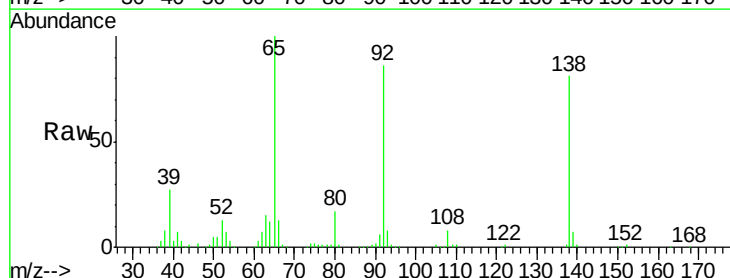
Tgt Ion:138 Resp: 242629

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

92 106.3 89.4 134.2

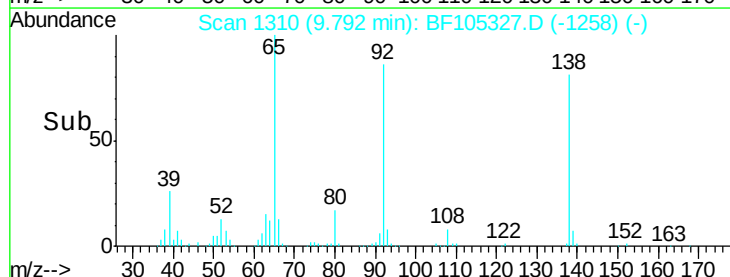


Abundance Ion 138.00 (137.70 to 138.70): E

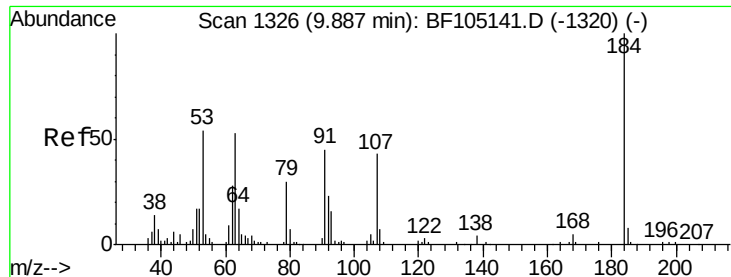
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->



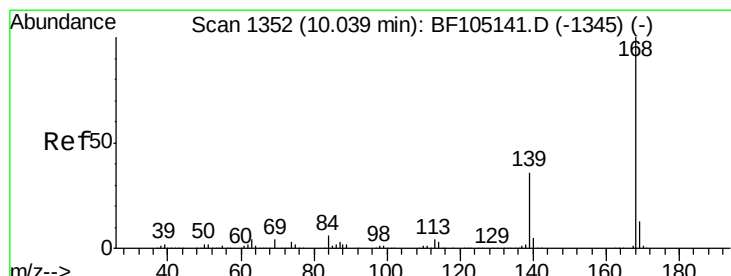
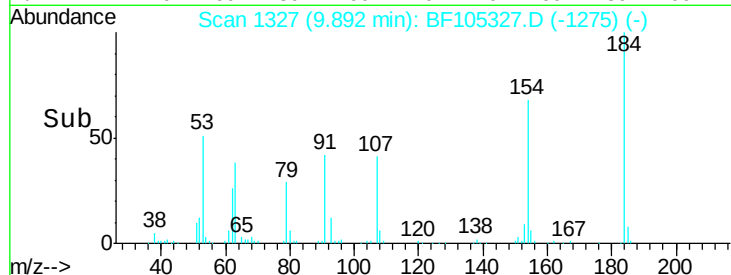
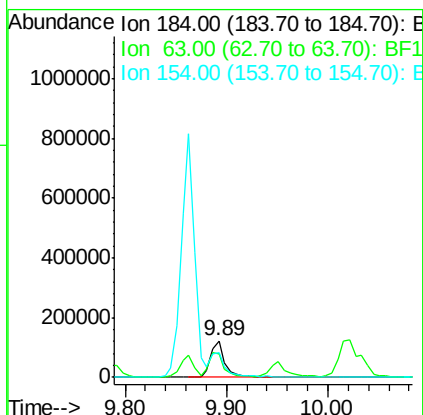
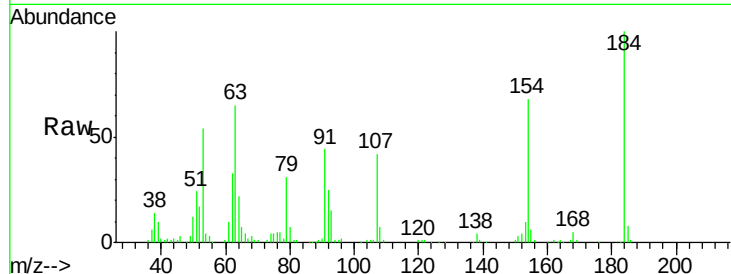
Time-->



#53
 2,4-Dinitrophenol
 Concen: 38.61 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

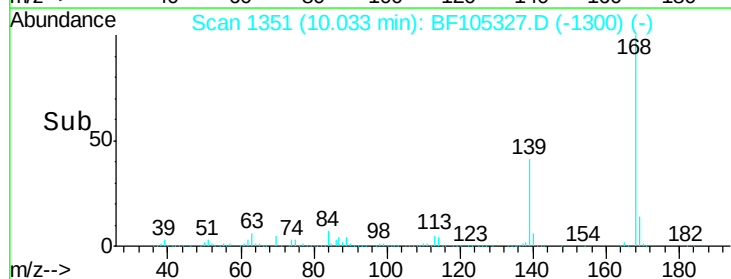
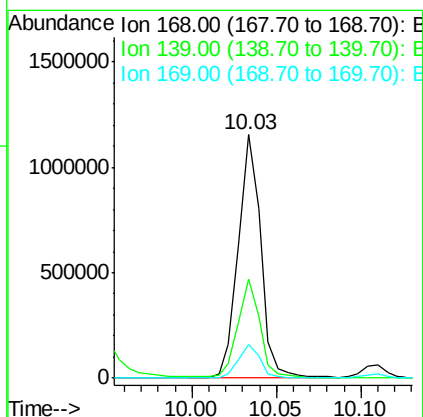
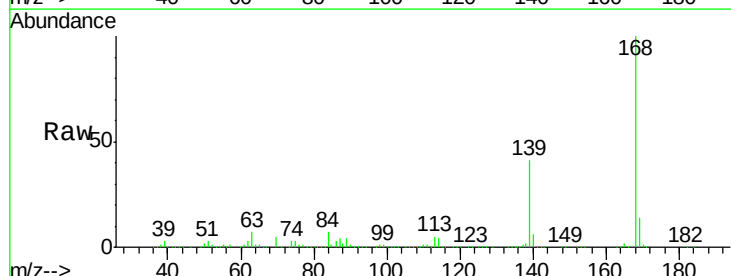
Instrument :
 BNA_F
 ClientSampleId :

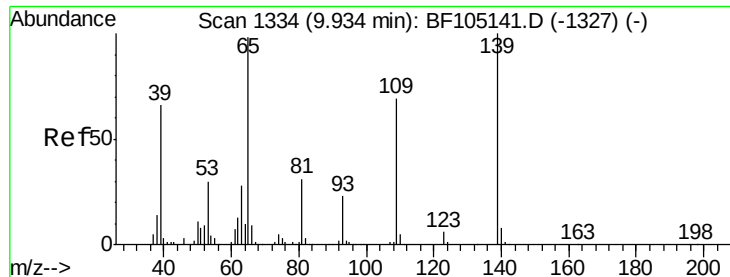
Tot Ion	Ratio	Lower	Upper
184	100		
63	65.2	54.2	81.2
154	68.4	184.0	276.0#



#54
 Dibenzofuran
 Concen: 36.85 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.1	45.1
169	13.8	10.9	16.3

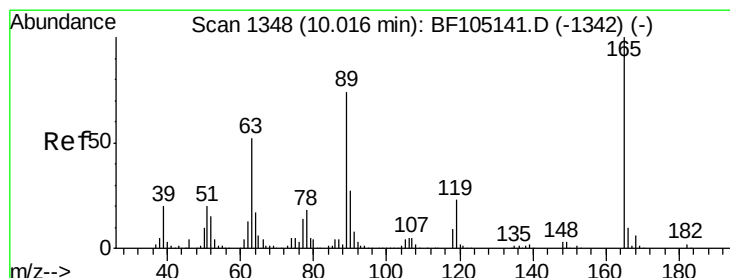
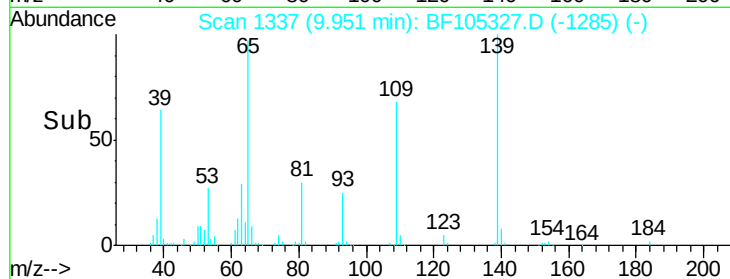
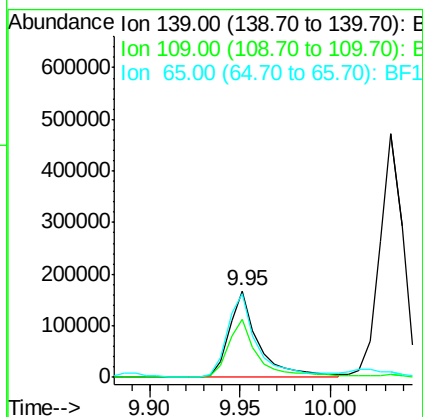
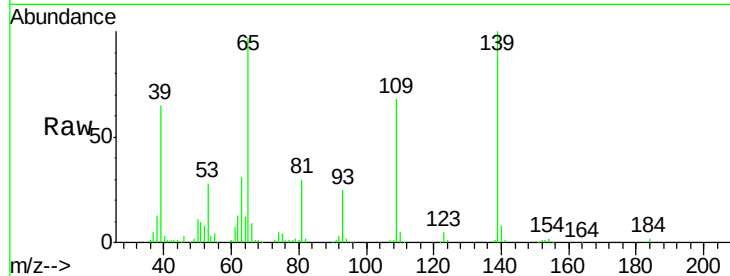




#55
4-Nitrophenol
Concen: 36.34 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

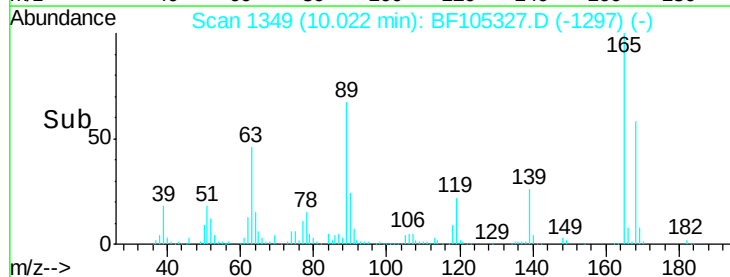
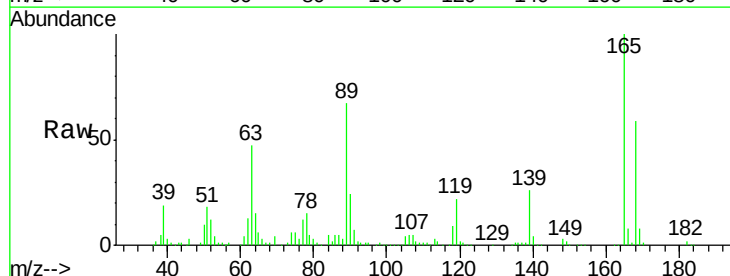
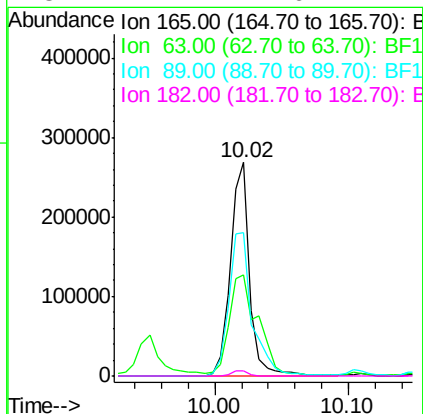
Instrument :
BNA_F
ClientSampleId :

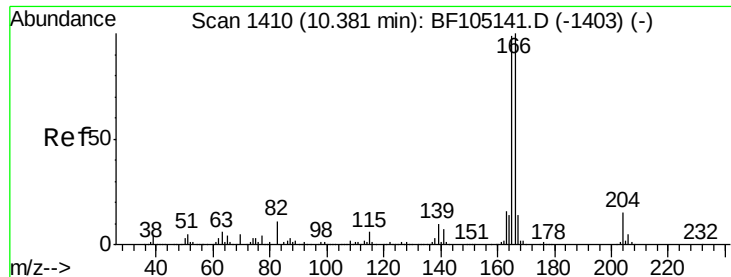
Tot Ion	Ratio	Lower	Upper
139	100		
109	68.0	48.4	88.4
65	97.4	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 38.52 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	36.4	54.6
89	67.2	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 36.95 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

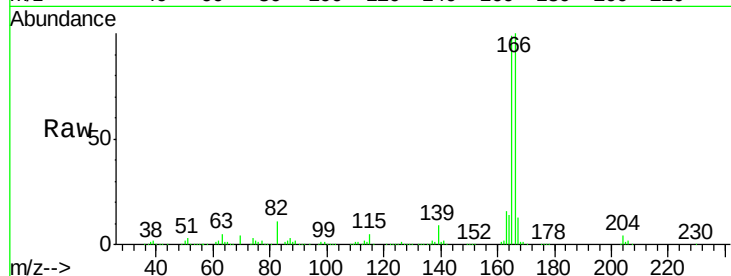
Tot Ion:166 Resp: 819171

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

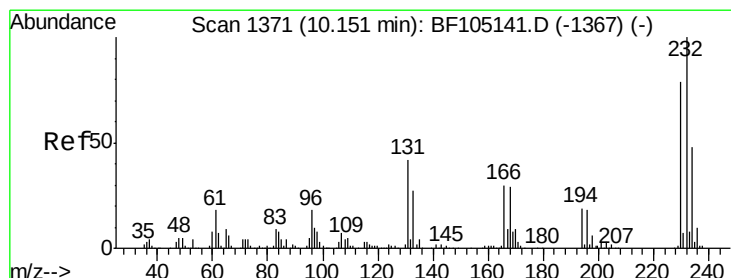
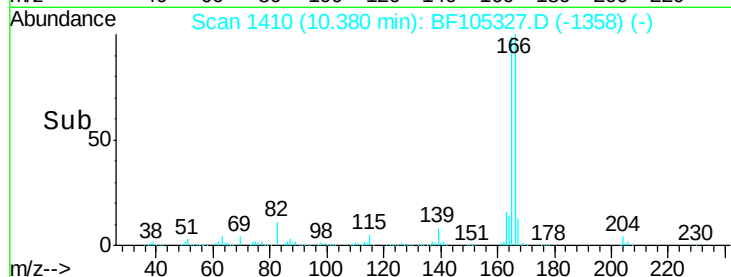
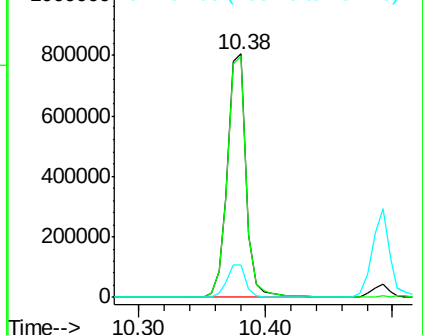
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.88 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Tgt Ion:232 Resp: 223681

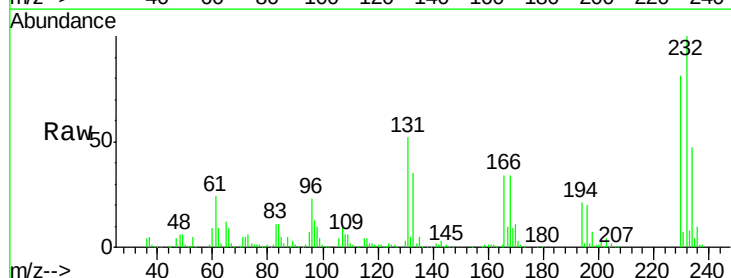
Ion Ratio Lower Upper

232 100

131 51.5 43.8 65.8

130 2.5 2.1 3.1

166 33.7 27.8 41.6

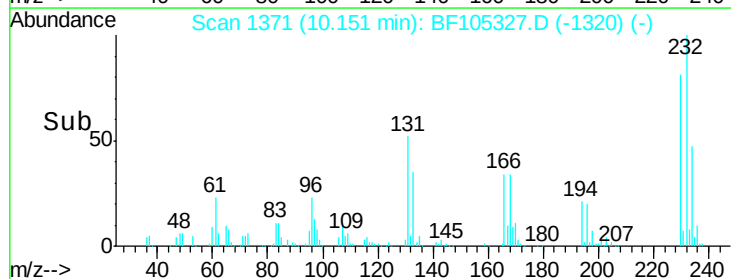
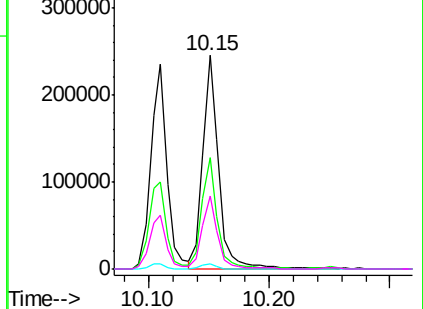


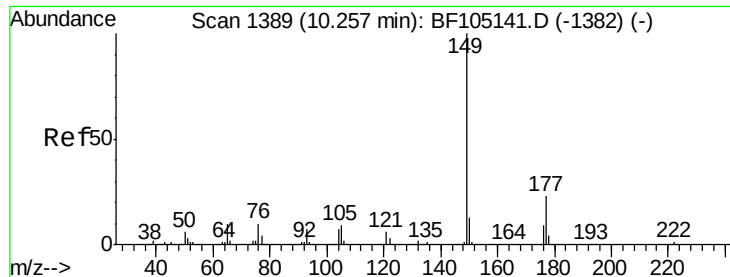
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.89 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

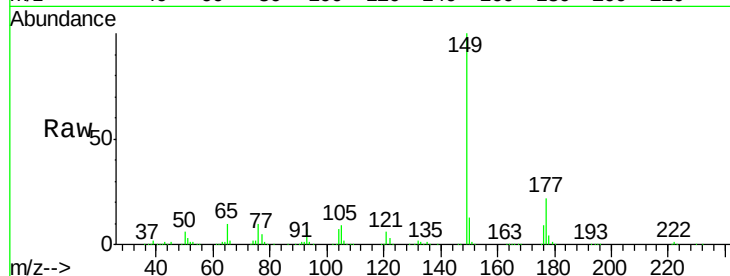
Tot Ion:149 Resp: 911035

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

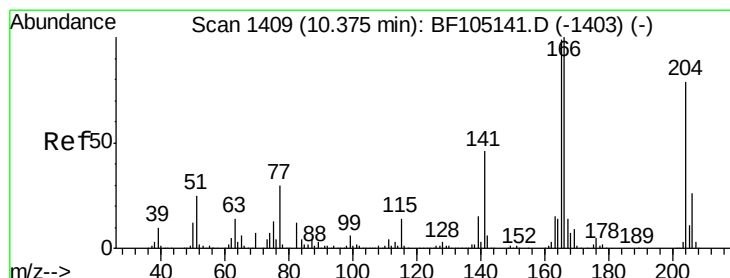
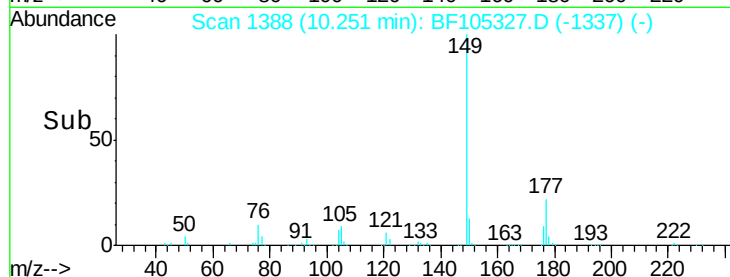
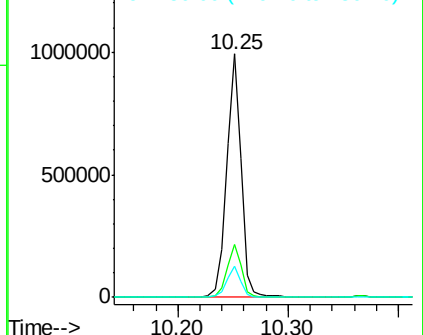
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.60 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

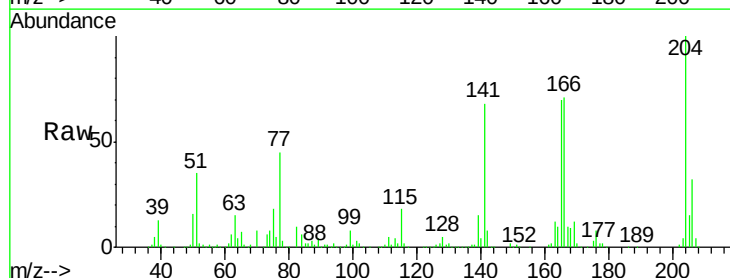
Tgt Ion:204 Resp: 375730

Ion Ratio Lower Upper

204 100

206 32.3 26.5 39.7

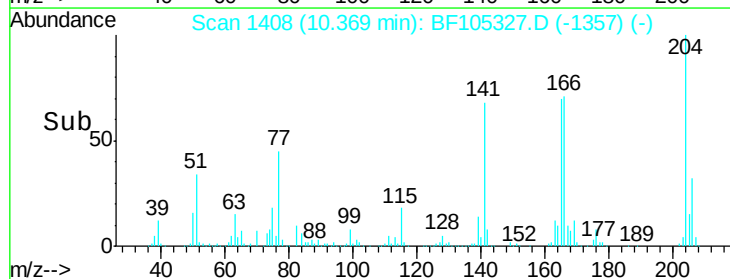
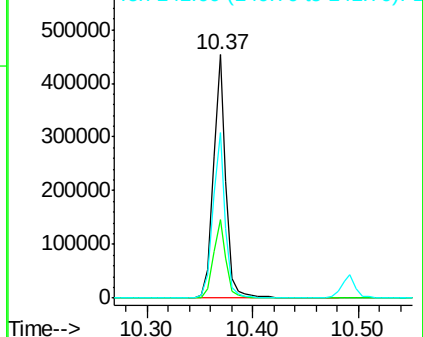
141 68.2 54.6 81.8

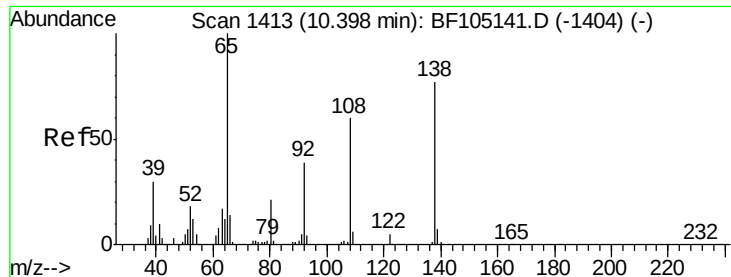


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

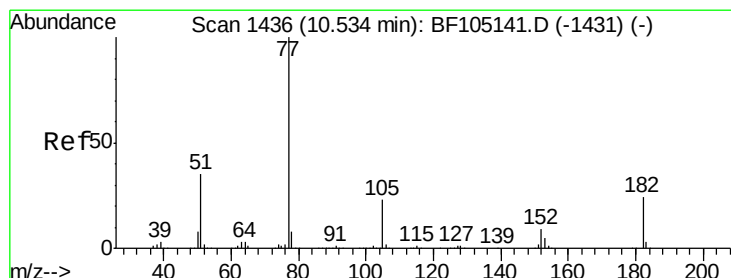
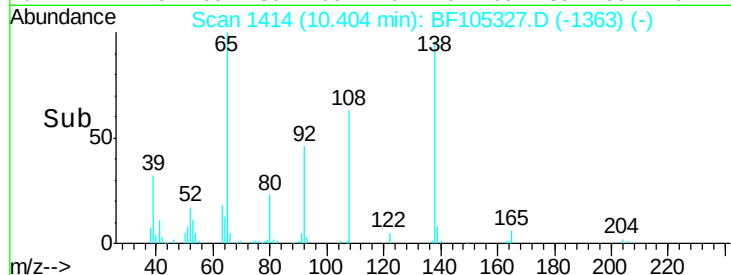
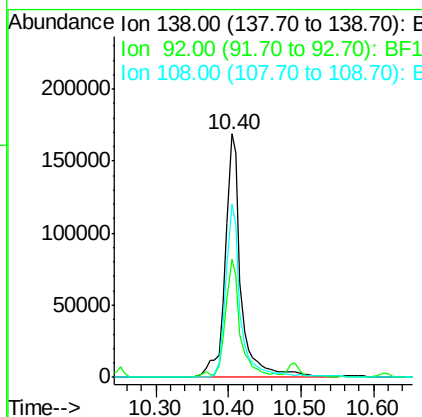
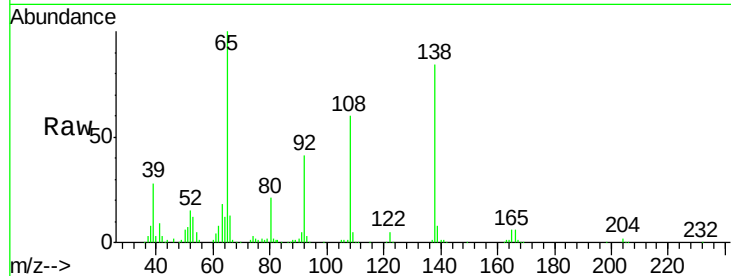




#61
4-Nitroaniline
Concen: 40.98 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

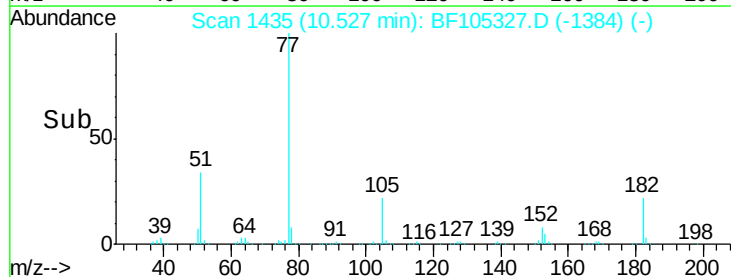
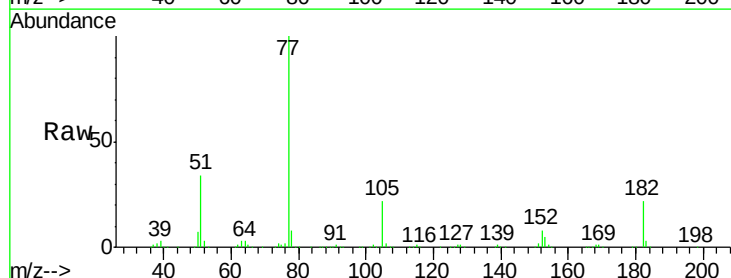
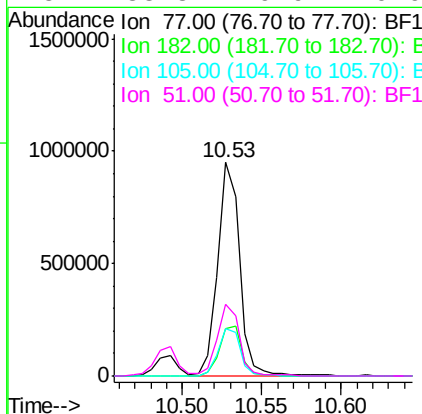
Instrument :
BNA_F
ClientSampleId :

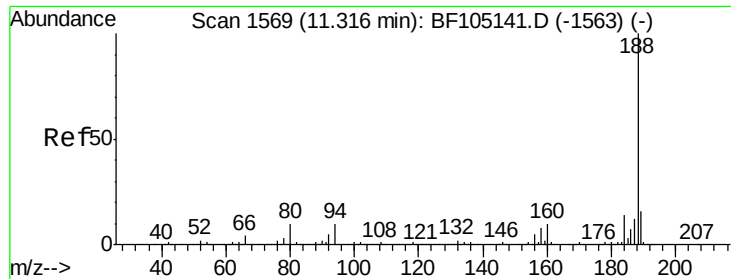
Tot Ion:138 Resp: 257291
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 71.3 52.5 92.5



#62
Azobenzene
Concen: 37.38 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion: 77 Resp: 903443
Ion Ratio Lower Upper
77 100
182 22.1 1.7 41.7
105 22.4 3.0 43.0
51 33.8 9.9 49.9

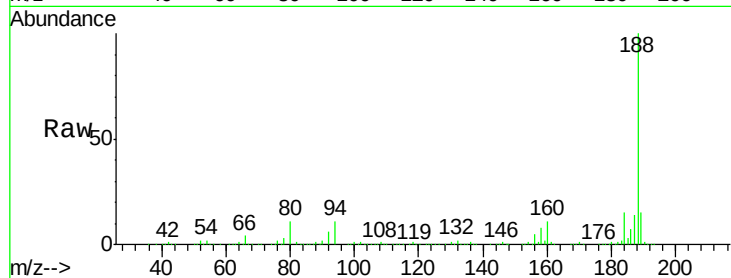




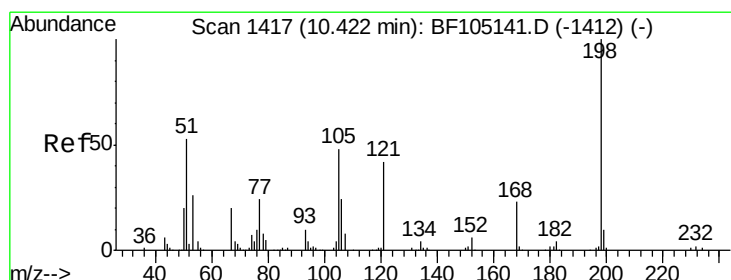
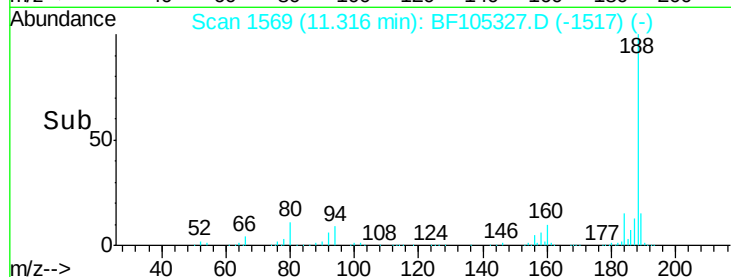
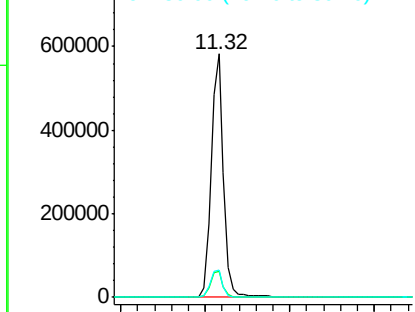
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 601524
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.4 9.2 13.8

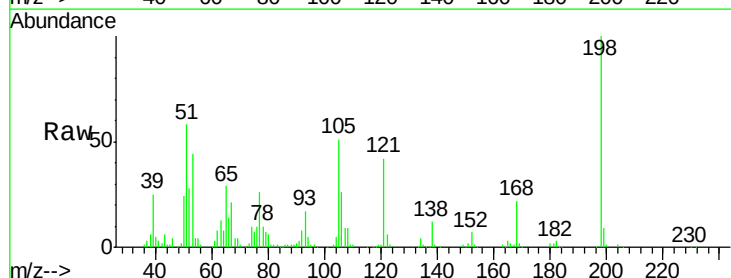


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

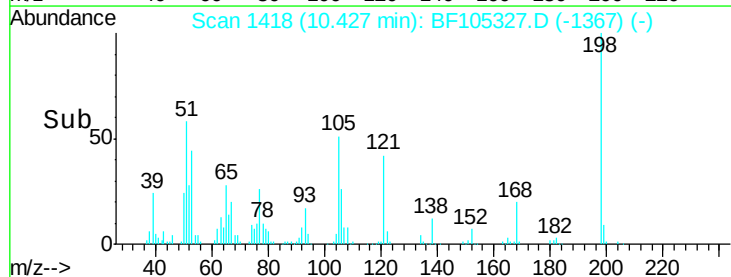
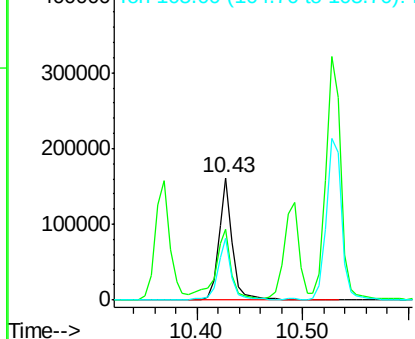


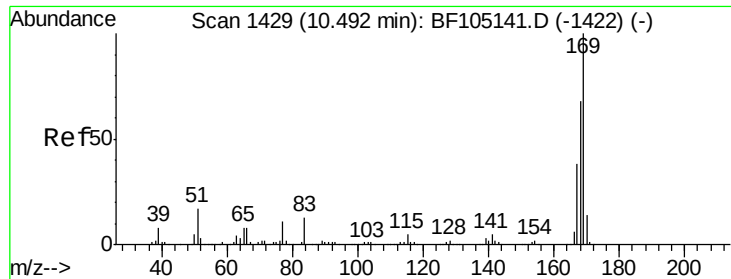
#64
4,6-Dinitro-2-methylphenol
Concen: 40.67 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:198 Resp: 146693
Ion Ratio Lower Upper
198 100
51 57.9 37.7 77.7
105 50.5 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.44 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampled :

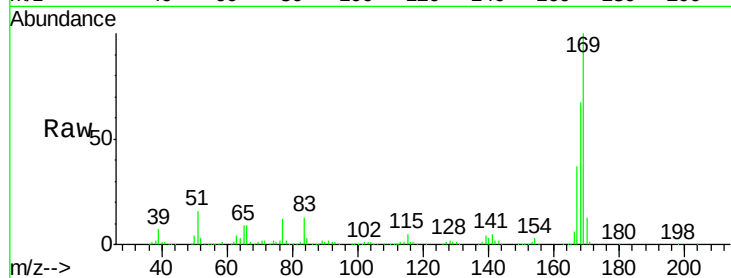
Tot Ion:169 Resp: 755186

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

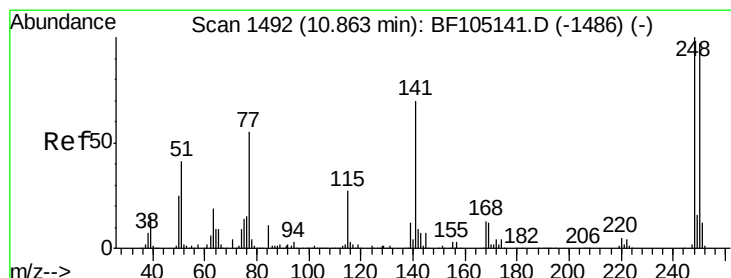
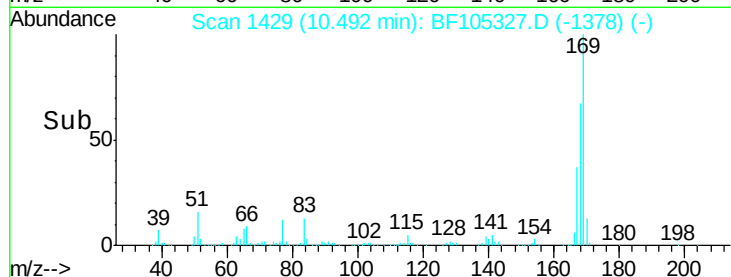
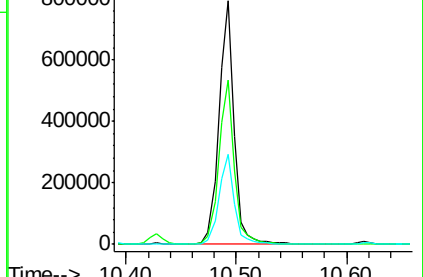
167 37.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.88 ng

RT: 10.86 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

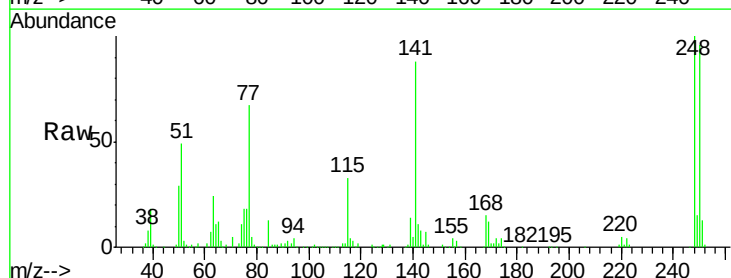
Tgt Ion:248 Resp: 246784

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

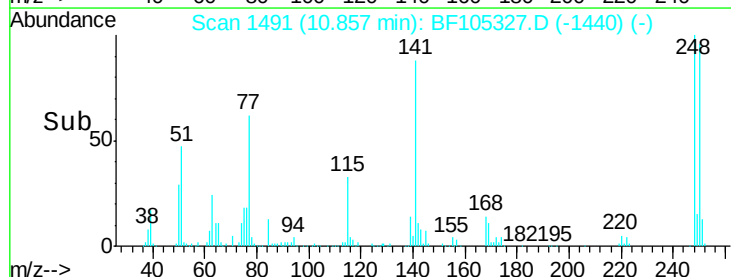
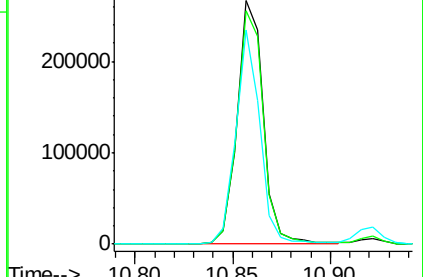
141 87.9 74.4 111.6

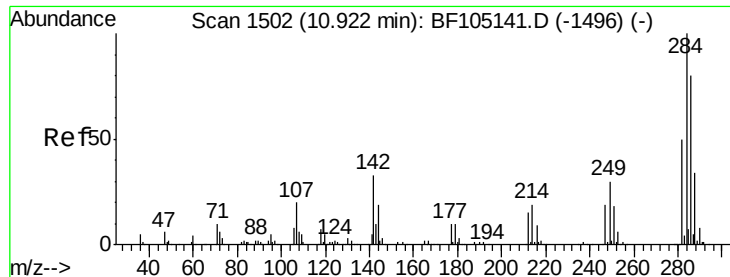


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

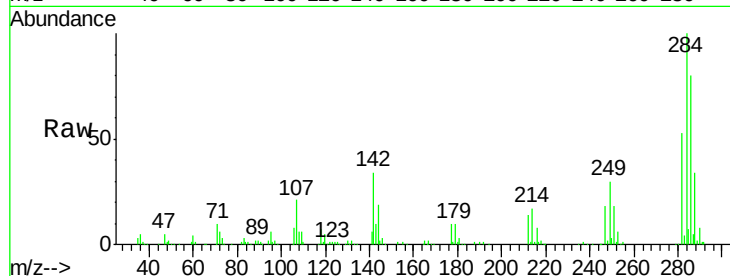




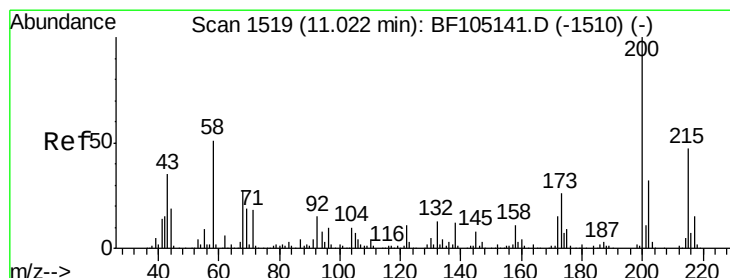
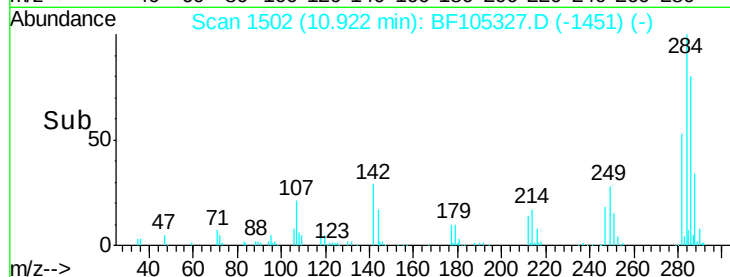
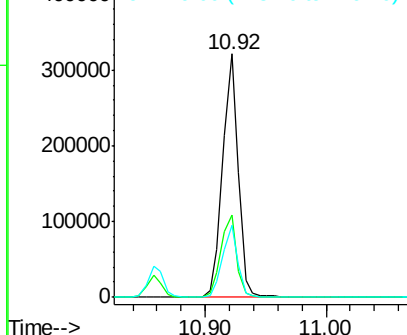
#67
Hexachlorobenzene
Concen: 37.49 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 286720
Ion Ratio Lower Upper
284 100
142 33.8 34.6 52.0#
249 29.7 24.8 37.2

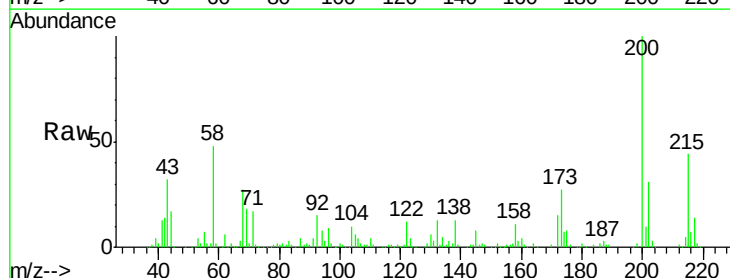


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

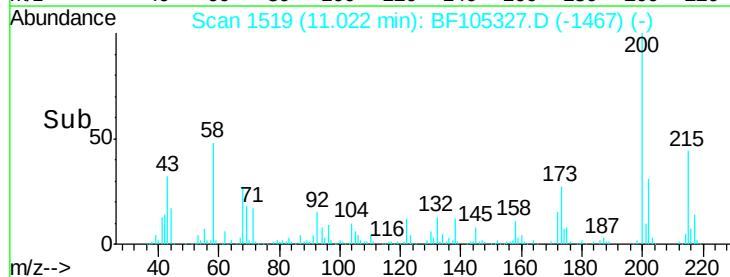
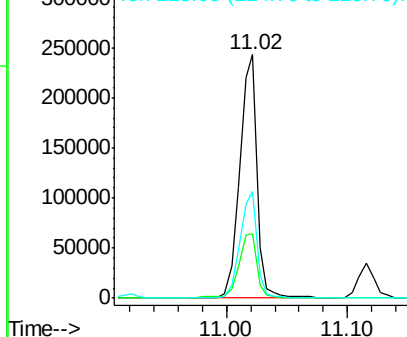


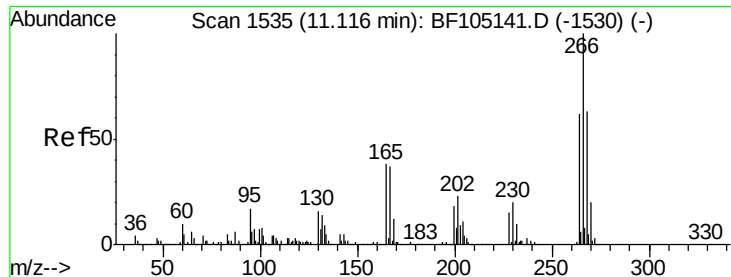
#68
Atrazine
Concen: 37.98 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:200 Resp: 243513
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 43.8 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

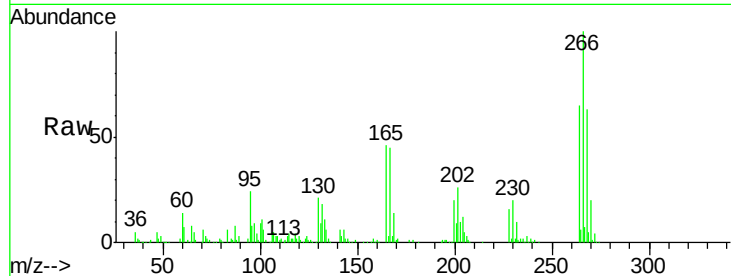




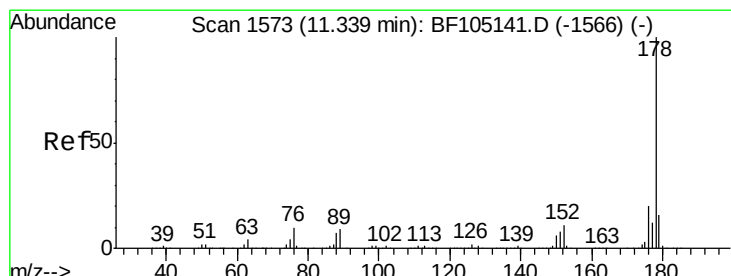
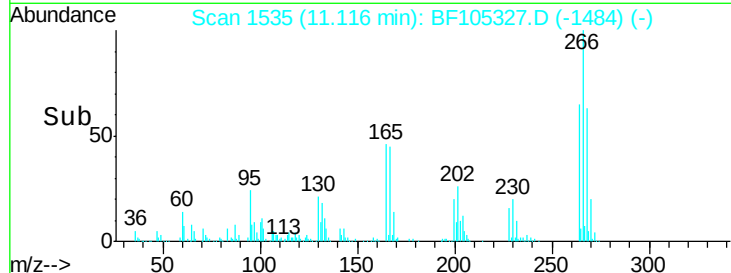
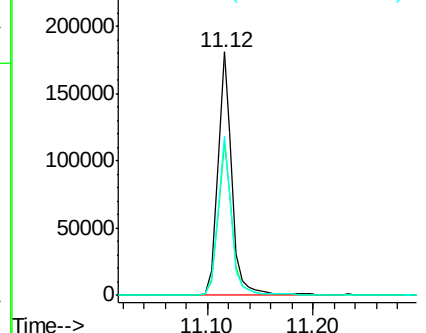
#69
 Pentachlorophenol
 Concen: 37.40 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 172599
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 65.3 49.5 74.3

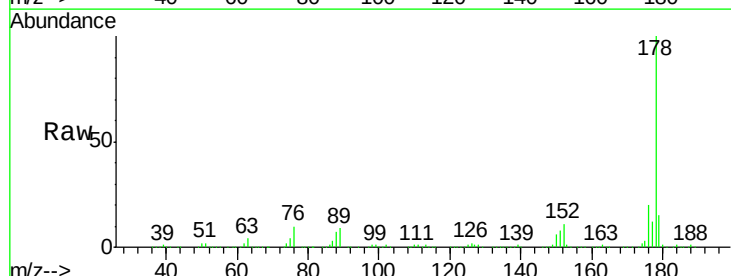


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

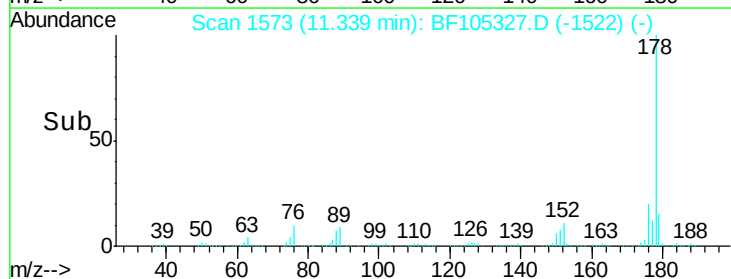
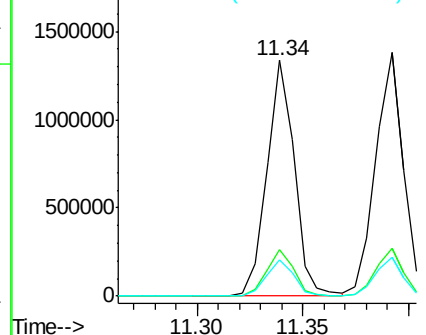


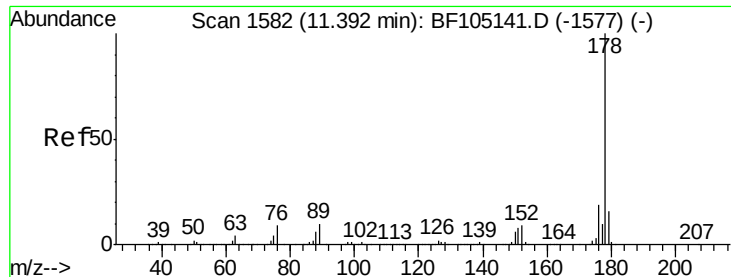
#70
 Phenanthrene
 Concen: 35.93 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion:178 Resp: 1218170
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.4 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

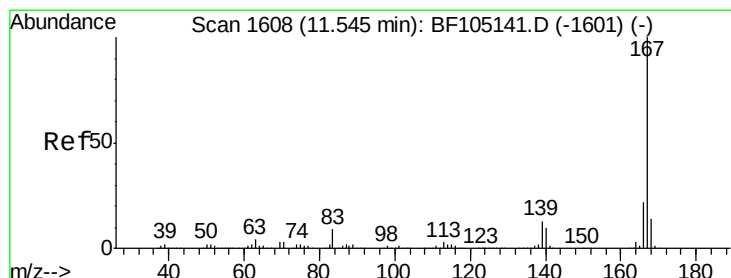
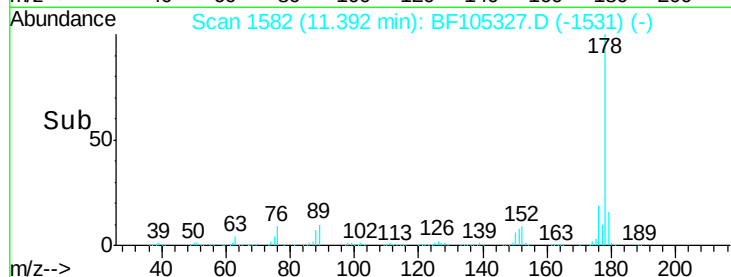
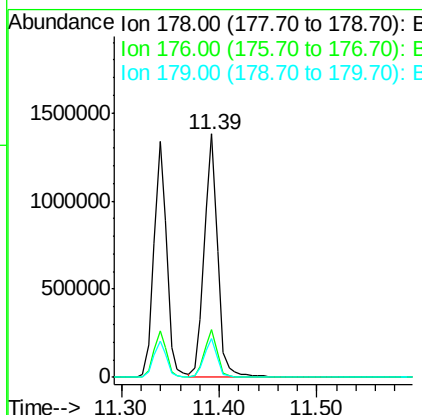
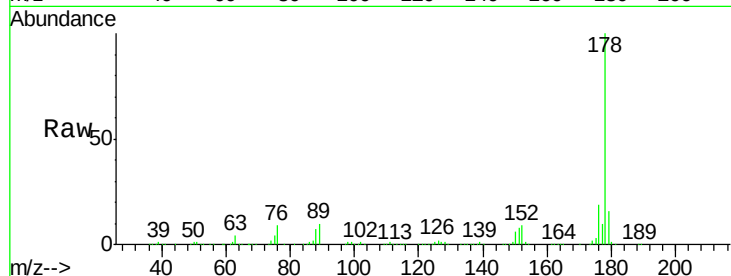




#71
 Anthracene
 Concen: 37.49 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

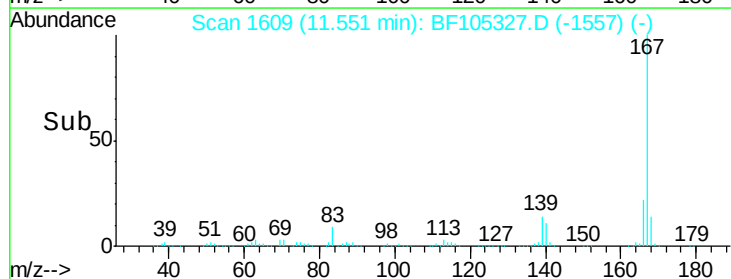
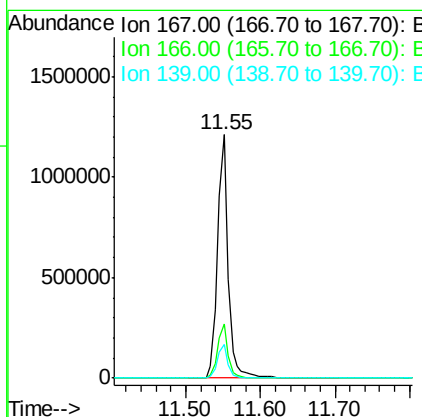
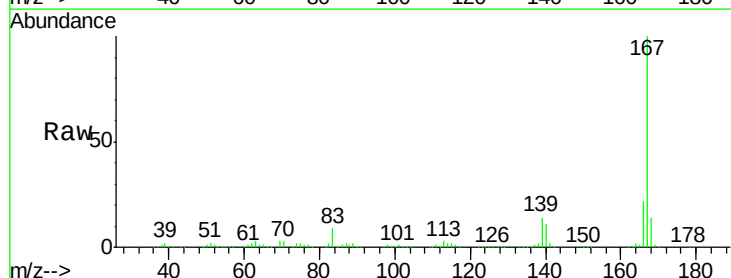
Instrument :
 BNA_F
 ClientSampleId :

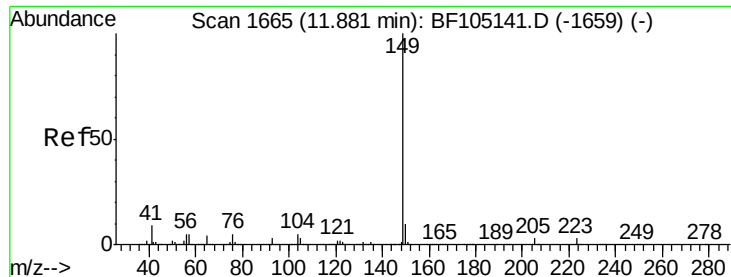
Tot Ion:178 Resp: 1315472
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 38.59 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion:167 Resp: 1185157
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.04 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

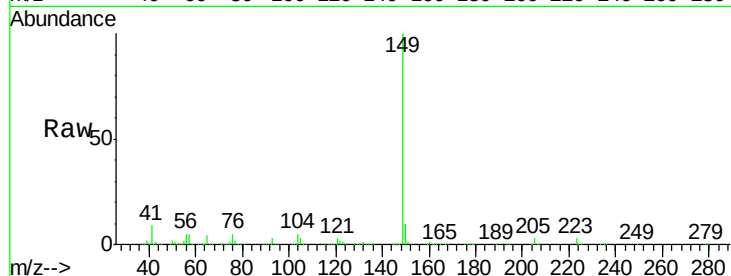
Tot Ion:149 Resp: 1404899

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

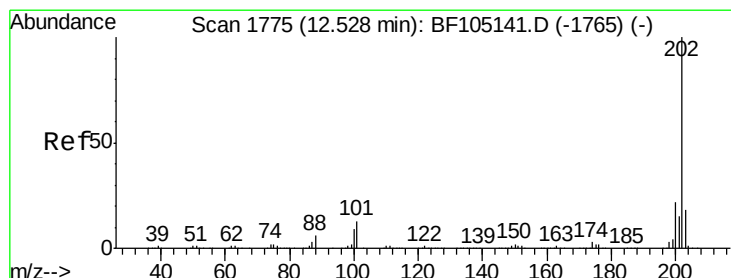
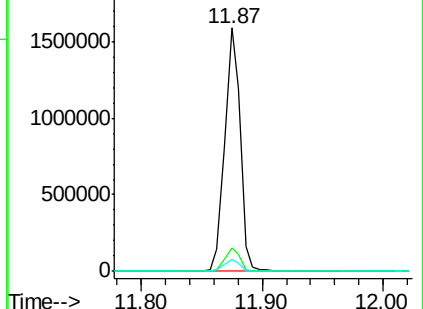
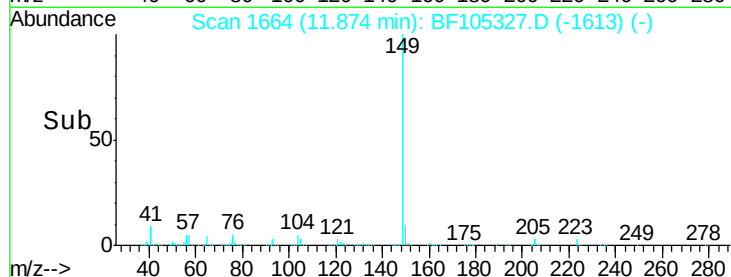
104 5.1 3.8 5.8



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: 38.30 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

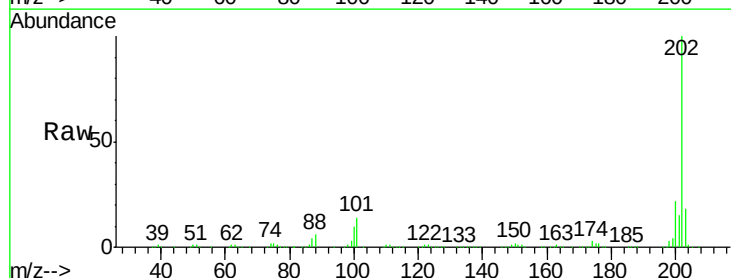
Tgt Ion:202 Resp: 1290729

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

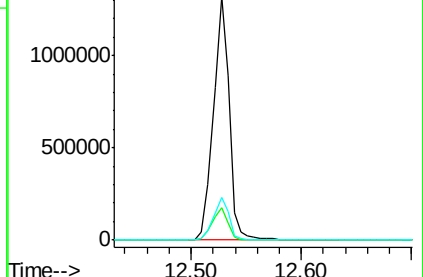
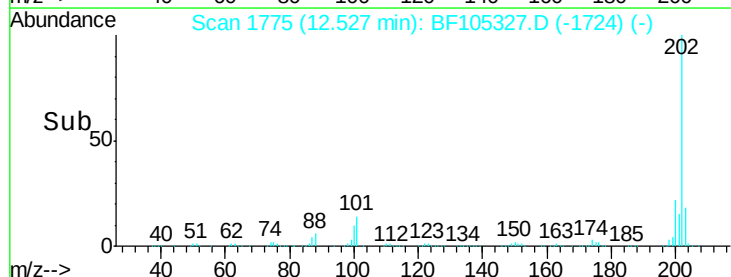
203 17.6 0.0 38.1

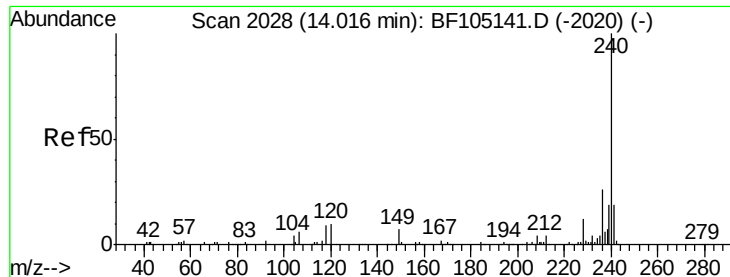


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

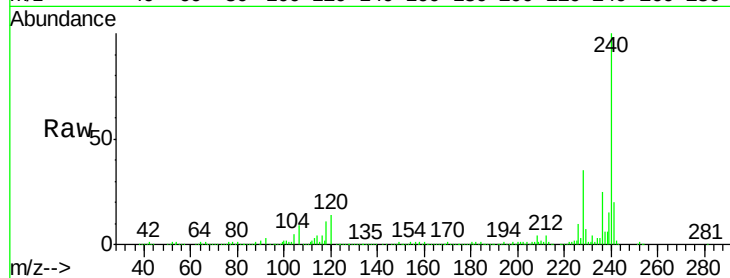
Tot Ion:240 Resp: 487245

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

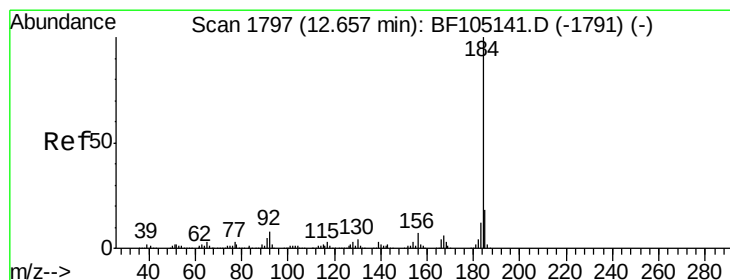
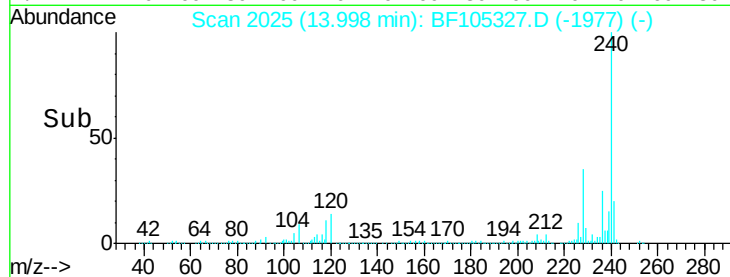
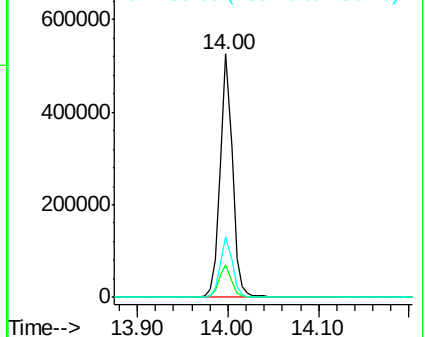
236 25.0 20.7 31.1



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: 38.62 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

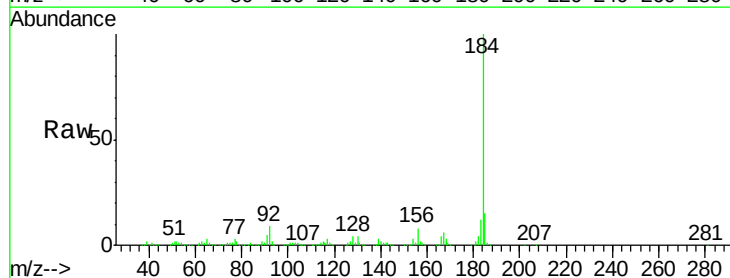
Tgt Ion:184 Resp: 756937

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

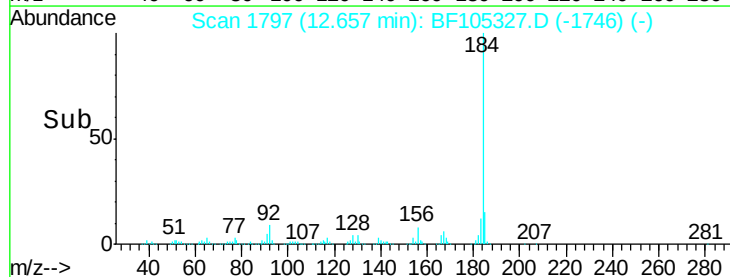
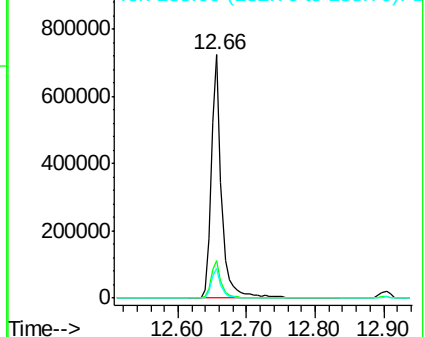
183 12.3 9.3 13.9

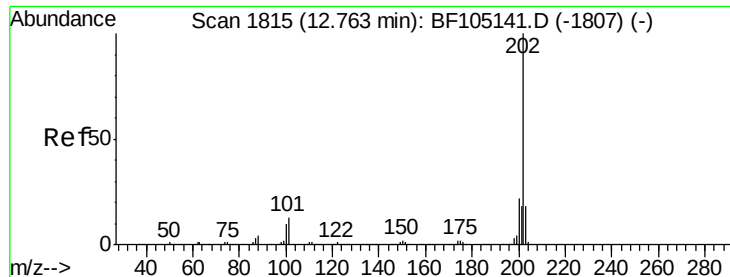


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.14 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

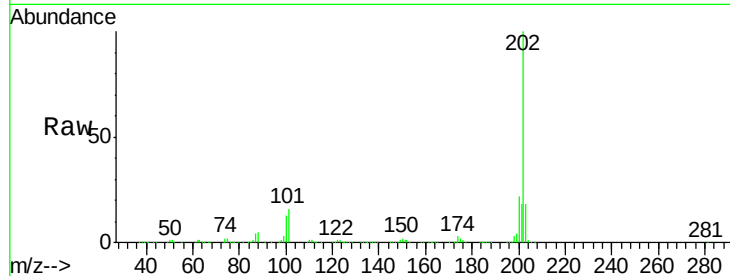
Tot Ion:202 Resp: 1321198

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

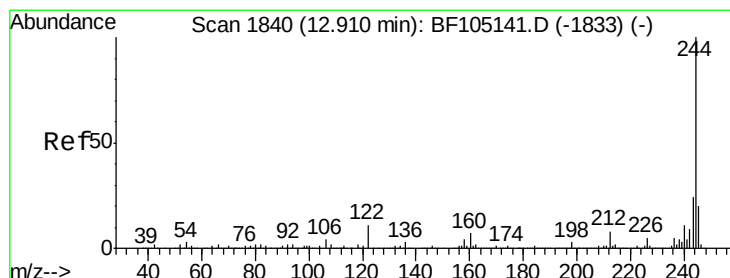
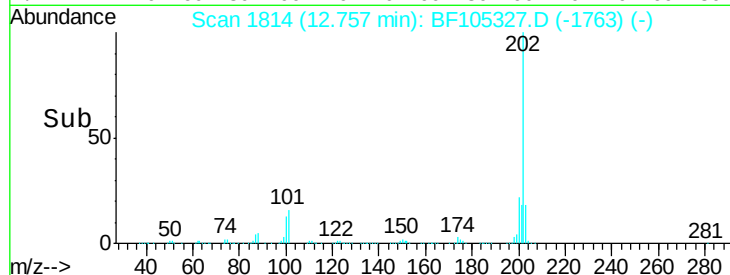
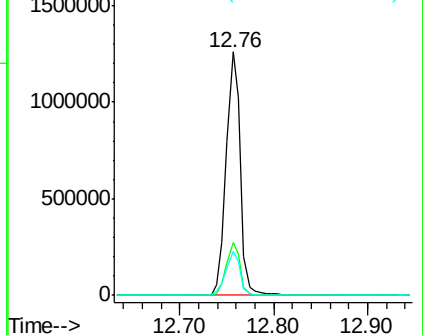
203 17.9 14.3 21.5



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: 66.26 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

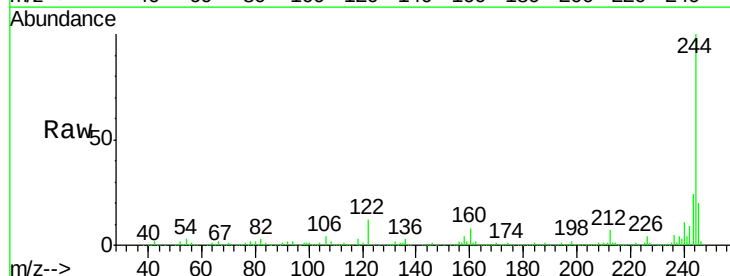
Tgt Ion:244 Resp: 1501858

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

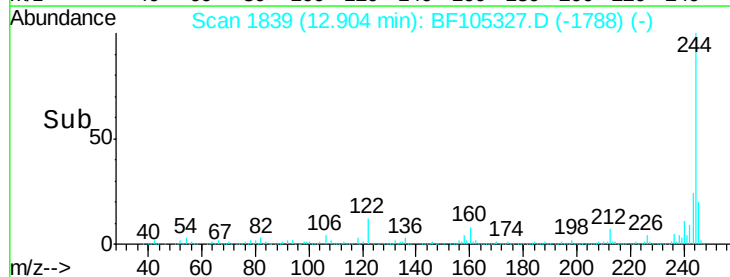
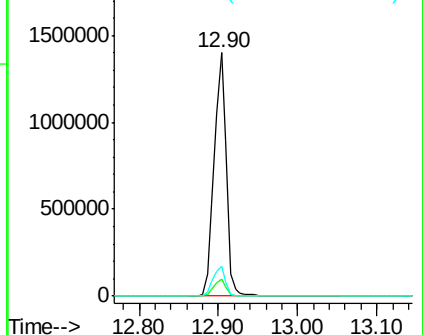
122 12.1 11.0 16.4

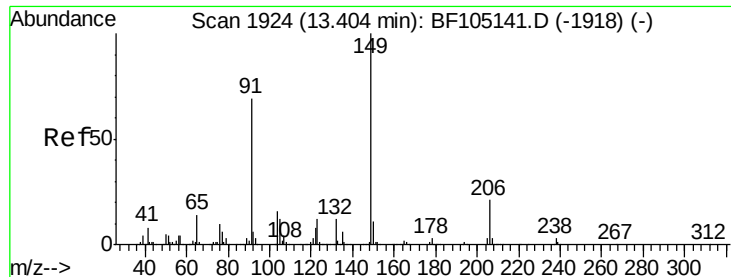


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

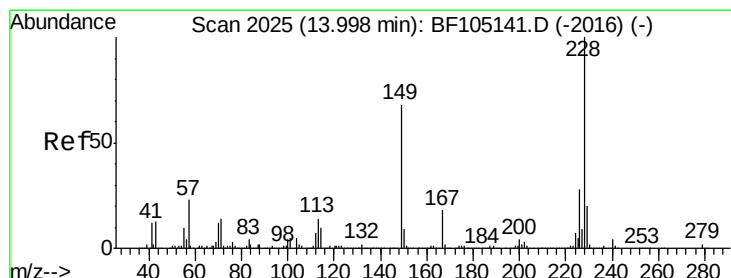
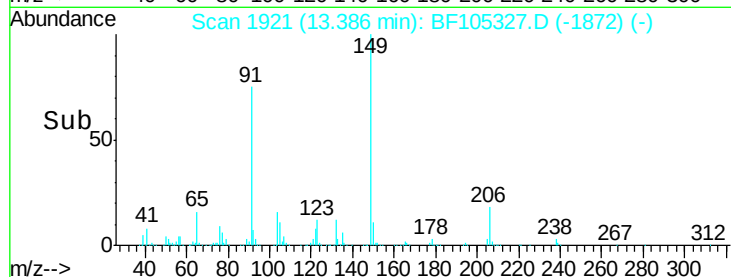
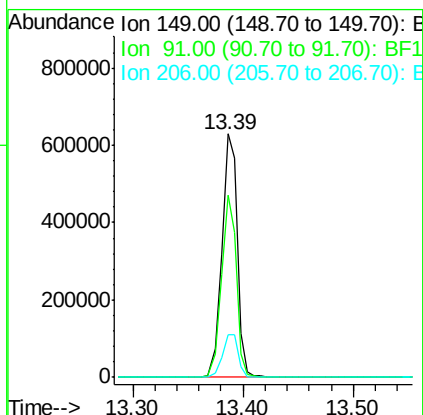
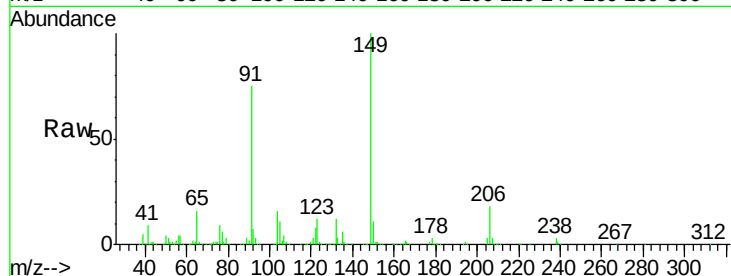




#79
Butylbenzylphthalate
Concen: 37.16 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

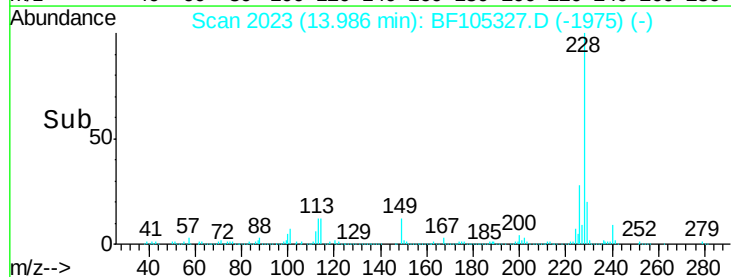
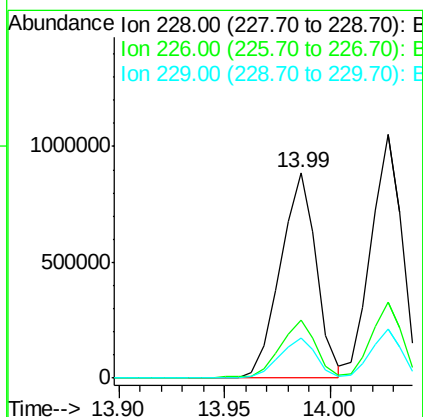
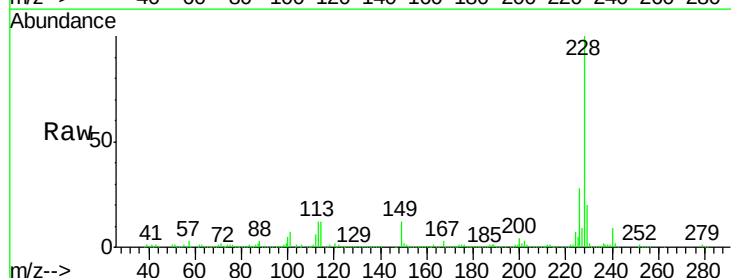
Instrument :
BNA_F
ClientSampleId :

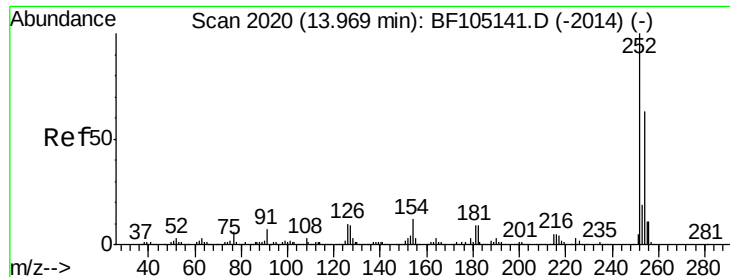
Tot Ion:149 Resp: 615524
Ion Ratio Lower Upper
149 100
91 74.8 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.87 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:228 Resp: 1048868
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.8 15.8 23.6

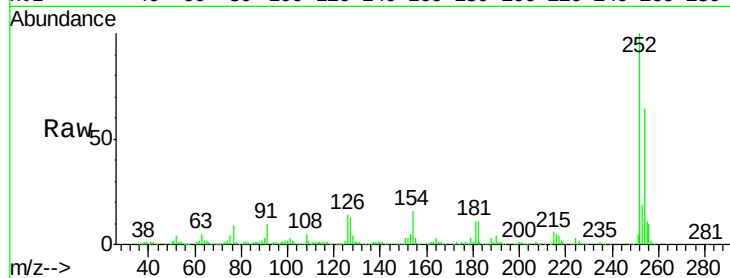




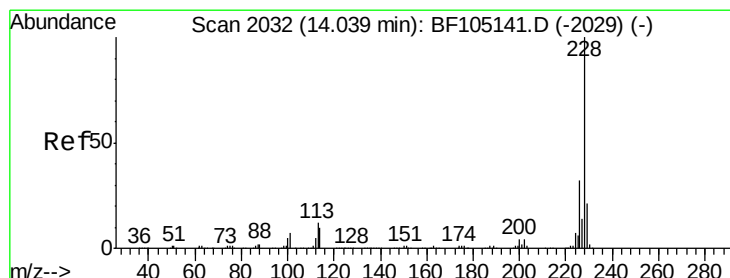
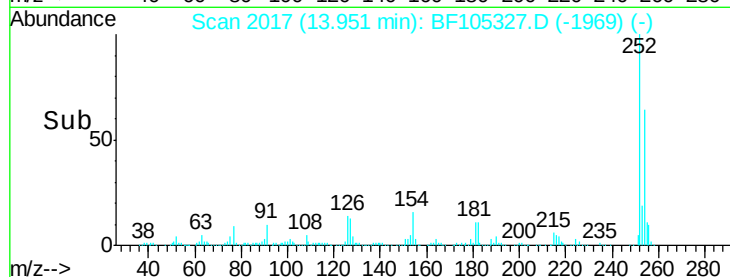
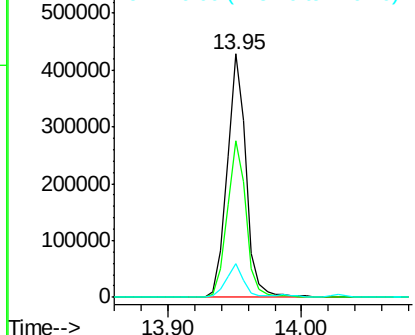
#81
 3,3'-Dichlorobenzidine
 Concen: 39.16 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	13.7	11.3	16.9

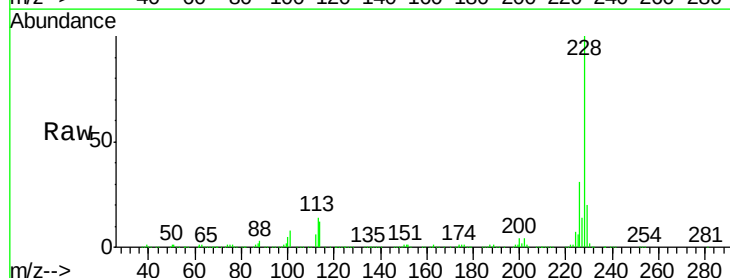


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

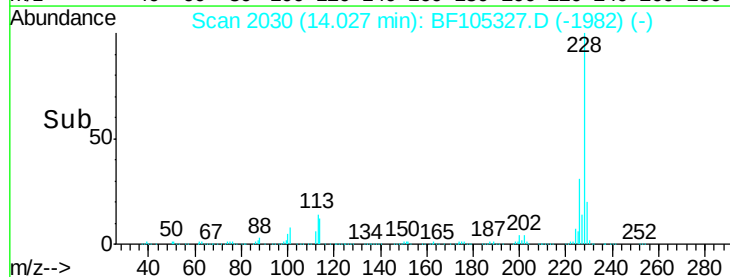
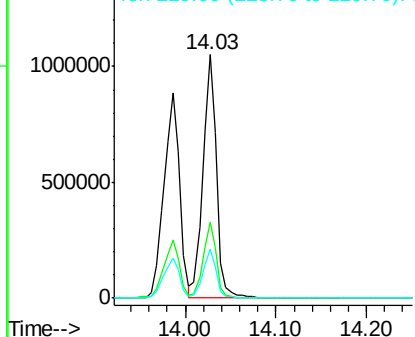


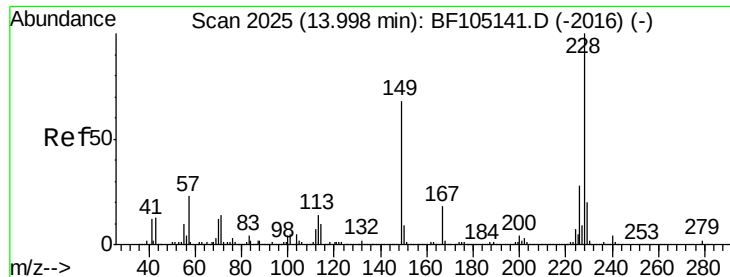
#82
 Chrysene
 Concen: 39.53 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.3	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.15 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

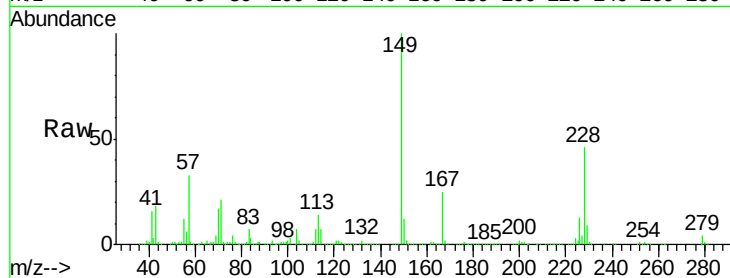
Tot Ion:149 Resp: 785236

Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

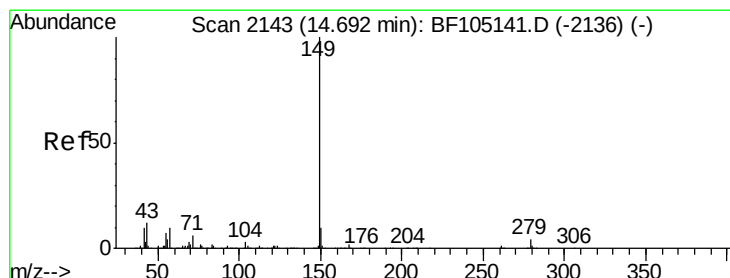
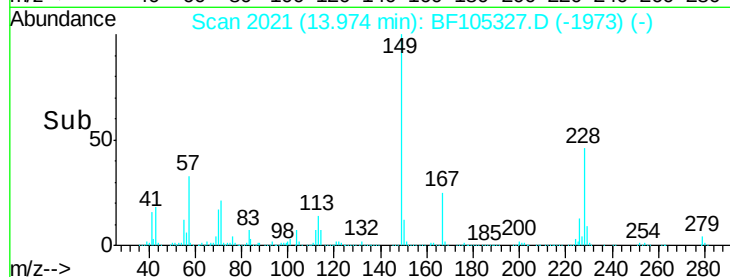
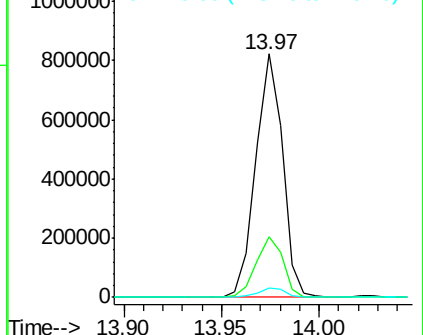
279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.51 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

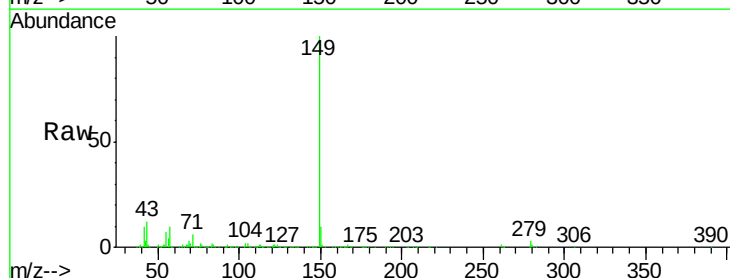
Tgt Ion:149 Resp: 1433292

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

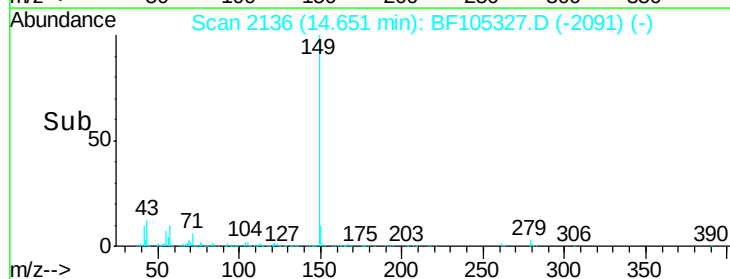
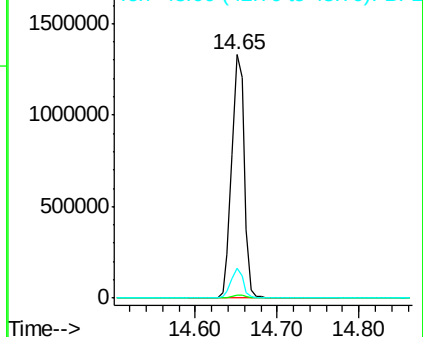
43 11.7 8.4 12.6

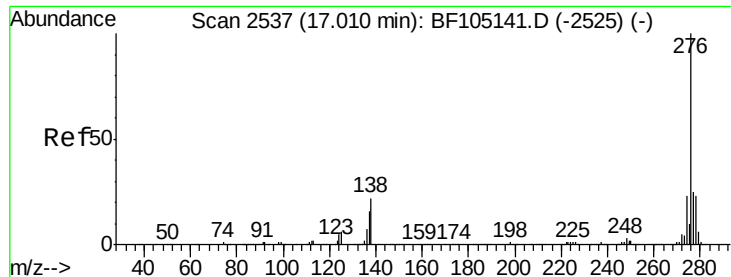


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

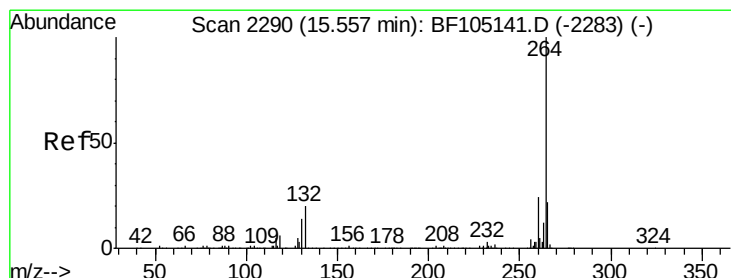
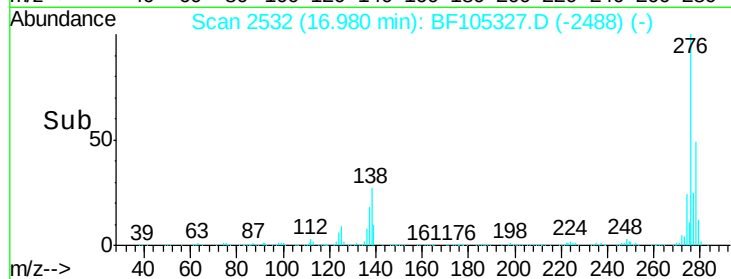
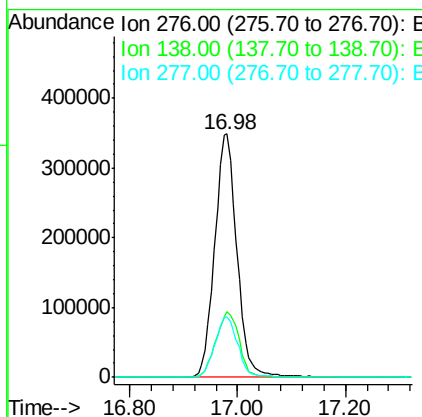
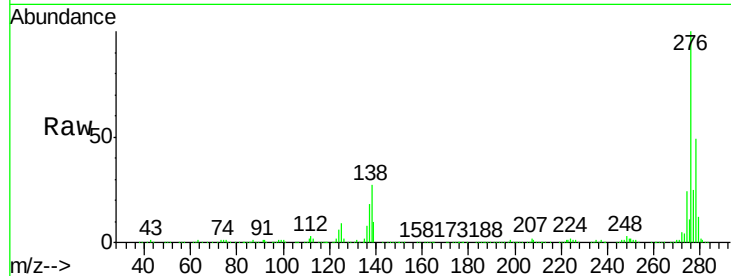




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.44 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.04 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

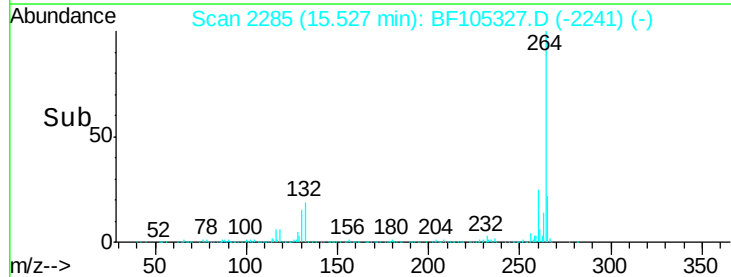
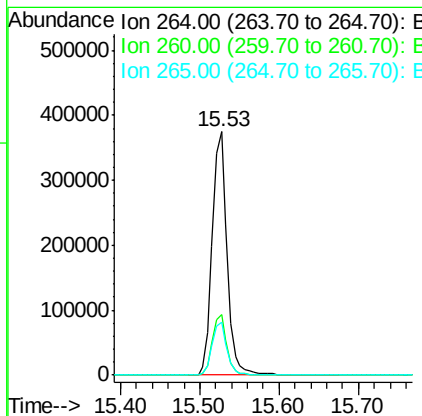
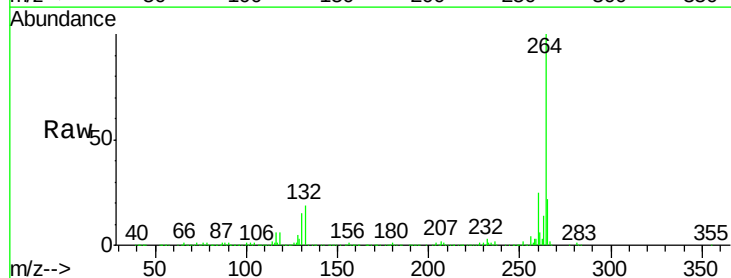
Instrument :
 BNA_F
 ClientSampleId :

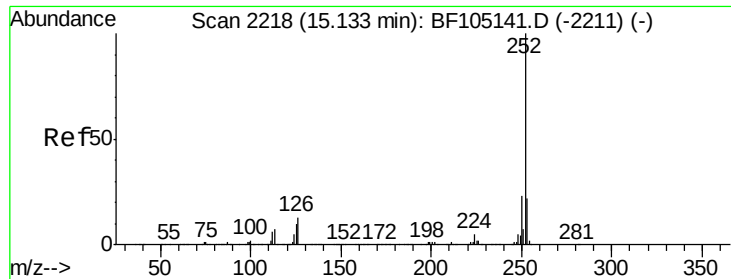
Tot Ion:276 Resp: 1006701
 Ion Ratio Lower Upper
 276 100
 138 28.9 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.04 min
 Lab File: BF105327.D
 Acq: 12 May 2018 10:40

Tgt Ion:264 Resp: 489375
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 21.6 17.5 26.3

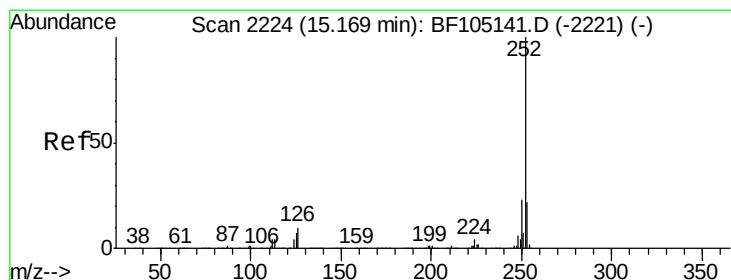
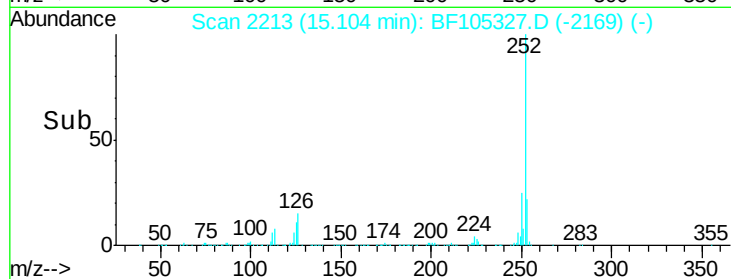
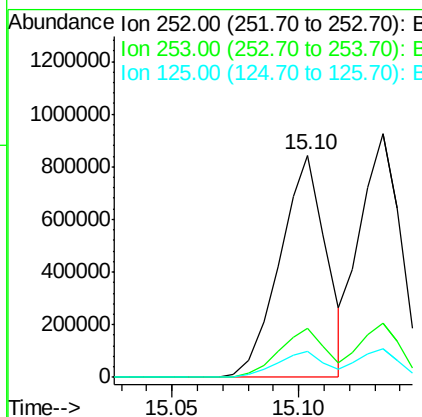
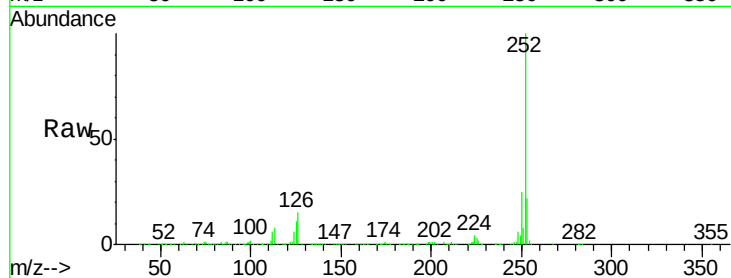




#87
Benzo(b)fluoranthene
Concen: 36.82 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

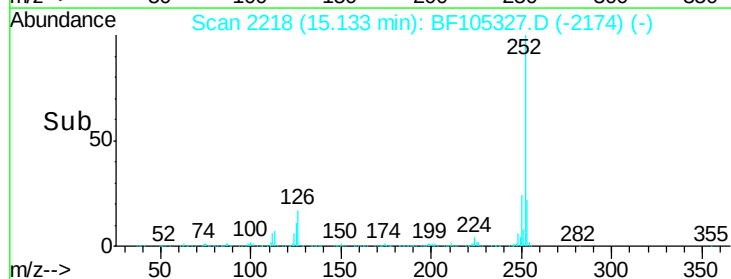
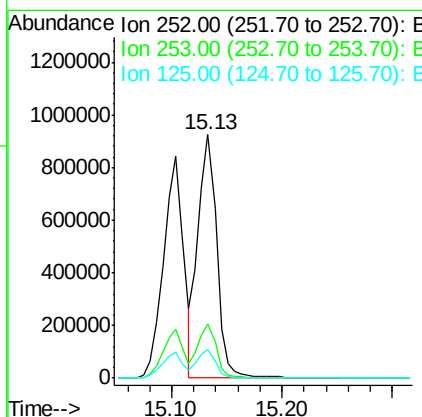
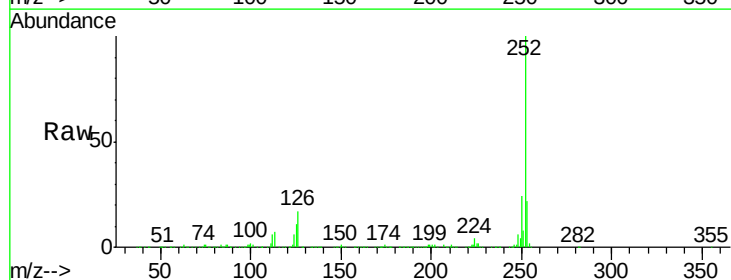
Instrument :
BNA_F
ClientSampleId :

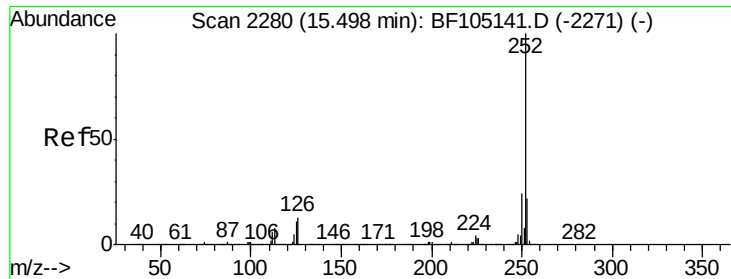
Tot Ion:252 Resp: 1073968
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.89 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF105327.D
Acq: 12 May 2018 10:40

Tgt Ion:252 Resp: 1068814
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.24 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

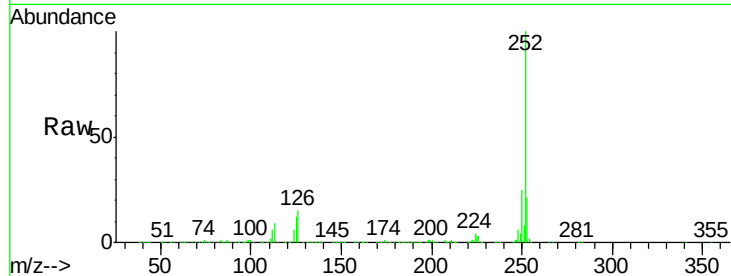
Tot Ion:252 Resp: 1038619

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

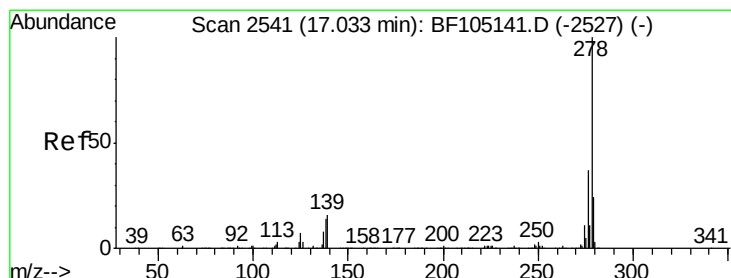
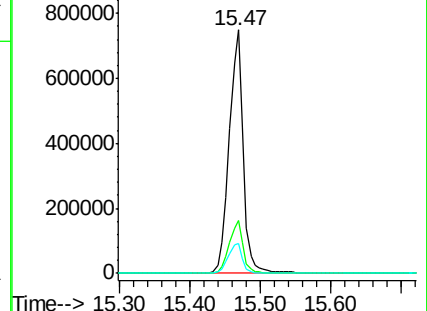
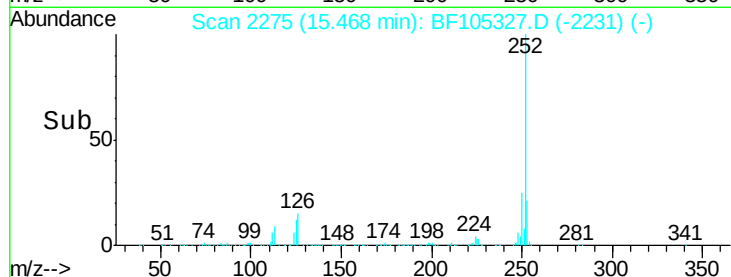
125 12.0 9.8 14.6



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: 34.67 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.05 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

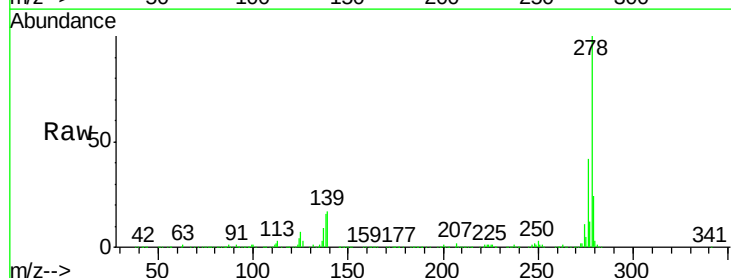
Tgt Ion:278 Resp: 883053

Ion Ratio Lower Upper

278 100

139 17.0 15.9 23.9

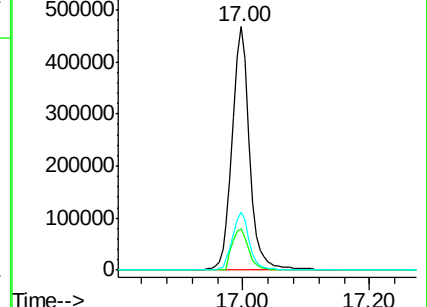
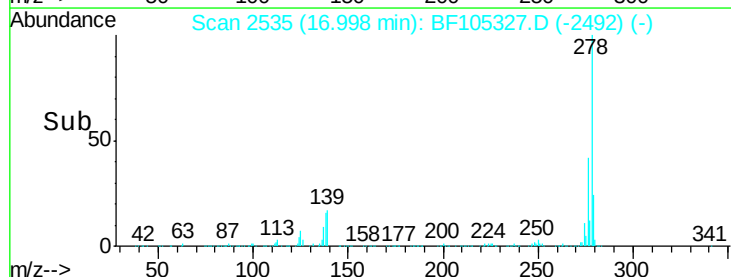
279 23.6 19.0 28.4

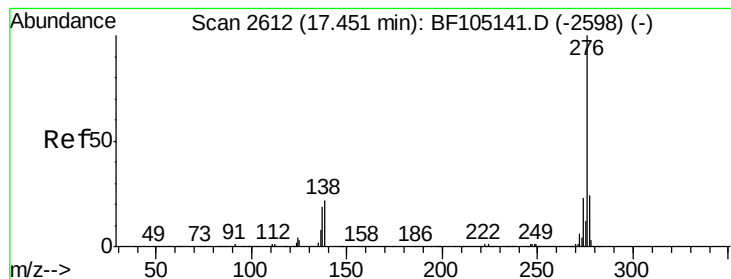


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.89 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.05 min

Lab File: BF105327.D

Acq: 12 May 2018 10:40

Instrument :

BNA_F

ClientSampleId :

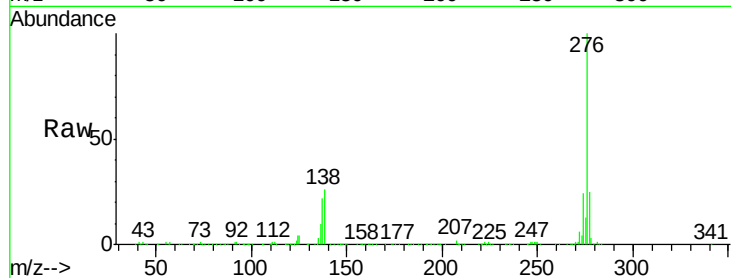
Tot Ion: 276 Resp: 805164

Ion Ratio Lower Upper

276 100

277 24.8 17.9 26.9

138 25.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

