

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112027.D
 Acq On : 11 Jan 2019 20:39
 Operator : JU/SJ
 Sample : K1088-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:25:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	108496	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	312550	20.00	ng	-0.02
39) Acenaphthene-d10	9.92	164	136889	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	254632	20.00	ng	-0.01
76) Chrysene-d12	14.07	240	179579	20.00	ng	0.01
87) Perylene-d12	15.54	264	140048	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	775019	122.21	ng	0.00
7) Phenol-d6	6.53	99	838112	102.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	566859	96.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	184003	103.34	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	746888	79.56	ng	-0.02
79) Terphenyl-d14	13.01	244	769747	81.37	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	91223	32.897	ng	98
3) Pyridine	3.43	79	261378	36.367	ng	99
4) n-Nitrosodimethylamine	3.36	42	144513	40.412	ng	99
6) Aniline	6.54	93	127083	12.858	ng	# 1
8) 2-Chlorophenol	6.67	128	258121	36.655	ng	96
9) Benzaldehyde	6.42	77	88474	15.300	ng	99
10) Phenol	6.54	94	333831	37.577	ng	81
11) bis(2-Chloroethyl)ether	6.60	93	269078	39.151	ng	99
12) 1,3-Dichlorobenzene	6.82	146	284977	34.908	ng	99
13) 1,4-Dichlorobenzene	6.89	146	290052	35.013	ng	99
14) 1,2-Dichlorobenzene	7.05	146	275372	34.775	ng	99
15) Benzyl Alcohol	7.02	79	226240	34.982	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393949	33.620	ng	97
17) 2-Methylphenol	7.14	107	197799	34.949	ng	93
18) Hexachloroethane	7.39	117	71436	24.698	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	201377	37.918	ng	97
20) 3+4-Methylphenols	7.29	107	279069	39.619	ng	# 69
22) Acetophenone	7.28	105	388916	49.150	ng	# 91
24) Nitrobenzene	7.46	77	280901	47.483	ng	97
25) Isophorone	7.69	82	389383	41.118	ng	98
26) 2-Nitrophenol	7.77	139	94946	32.596	ng	92
27) 2,4-Dimethylphenol	7.82	122	180984	42.973	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	247070	39.087	ng	93
29) 2,4-Dichlorophenol	8.02	162	177050	36.559	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	189017	35.379	ng	97
31) Naphthalene	8.18	128	952325	64.186	ng	100
32) Benzoic acid	7.89	122	9179	3.358	ng	94
33) 4-Chloroaniline	8.23	127	82998	12.941	ng	95
34) Hexachlorobutadiene	8.30	225	117692	35.386	ng	99
35) Caprolactam	8.58	113	45876	28.994	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	162035	33.651	ng	96
37) 2-Methylnaphthalene	8.87	142	422202	45.924	ng	99
38) 1-Methylnaphthalene	8.97	142	407801	46.247	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	173105	39.666	ng	99

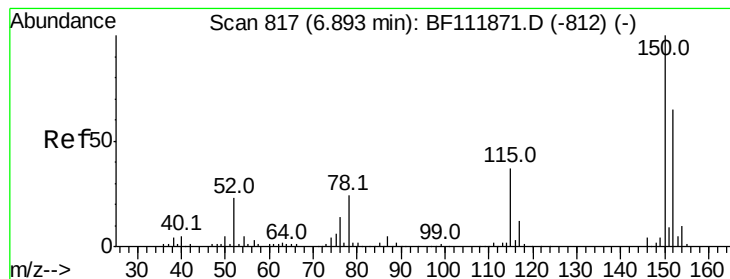
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112027.D
 Acq On : 11 Jan 2019 20:39
 Operator : JU/SJ
 Sample : K1088-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:25:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	114489	38.679	nq	95
44) 2,4,5-Trichlorophenol	9.20	196	116083	37.431	nq	98
46) 1,1'-Biphenyl	9.33	154	533374	46.581	nq	99
47) 2-Chloronaphthalene	9.36	162	336323	37.424	nq	99
48) 2-Nitroaniline	9.45	65	108774	39.589	nq	98
49) Acenaphthylene	9.78	152	1079211	81.227	nq	99
50) Dimethylphthalate	9.63	163	450687	43.828	nq	99
51) 2,6-Dinitrotoluene	9.69	165	78498	34.136	nq	98
52) Acenaphthene	9.95	154	417821	48.781	nq	99
53) 3-Nitroaniline	9.86	138	69645	28.281	nq	95
55) Dibenzofuran	10.12	168	537142	43.121	nq	98
56) 4-Nitrophenol	10.04	139	128561	73.885	nq	96
57) 2,4-Dinitrotoluene	10.10	165	105196	35.403	nq #	98
58) Fluorene	10.46	166	595463	65.695	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	94457	36.149	nq #	96
60) Diethylphthalate	10.33	149	381060	38.292	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	179152	35.247	nq	97
62) 4-Nitroaniline	10.47	138	83108	35.581	nq	96
63) Azobenzene	10.62	77	334071	35.141	nq	89
65) 4,6-Dinitro-2-methylphenol	10.52	198	3286	2.091	nq #	1
66) n-Nitrosodiphenylamine	10.57	169	329400	38.549	nq	98
67) 4-Bromophenyl-phenylether	10.95	248	110269	33.434	nq	98
68) Hexachlorobenzene	11.02	284	122214	33.436	nq #	93
69) Atrazine	11.10	200	110287	36.735	nq	96
70) Pentachlorophenol	11.22	266	112982	54.320	nq	99
71) Phenanthrene	11.44	178	2992037	219.779	nq	97
72) Anthracene	11.49	178	1010051	73.086	nq	99
73) Carbazole	11.63	167	503954	37.488	nq	99
74) Di-n-butylphthalate	11.96	149	585322	37.485	nq	99
75) Fluoranthene	12.65	202	2433940	174.153	nq	98
77) Benzidine	12.78	184	149375	27.838	nq #	96
78) Pyrene	12.88	202	3140873	254.195	nq	99
80) Butylbenzylphthalate	13.47	149	245278	46.954	nq	94
81) Benzo(a)anthracene	14.09	228	766966	74.210	nq	97
82) 3,3'-Dichlorobenzidine	14.01	252	54902	14.389	nq #	96
83) Chrysene	14.09	228	766966	77.831	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	431830	62.946	nq	98
85) Di-n-octyl phthalate	14.64	149	467557	47.624	nq	97
86) Indeno(1,2,3-cd)pyrene	17.05	276	554298	77.156	nq	97
88) Benzo(b)fluoranthene	15.12	252	678494	80.989	nq #	92
89) Benzo(k)fluoranthene	15.12	252	678494	86.160	nq #	93
90) Benzo(a)pyrene	15.49	252	687221	93.295	nq #	98
91) Dibenzo(a,h)anthracene	17.06	278	307447	51.894	nq	99
92) Benzo(g,h,i)perylene	17.51	276	526215	90.809	nq	99

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

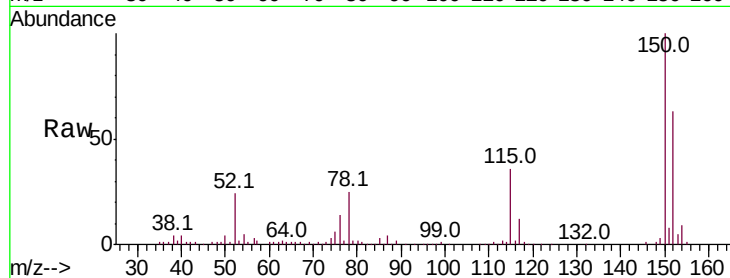


#1

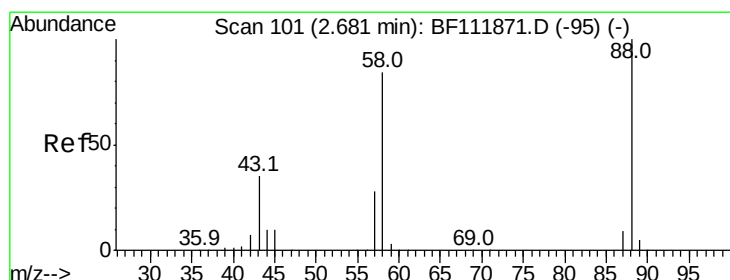
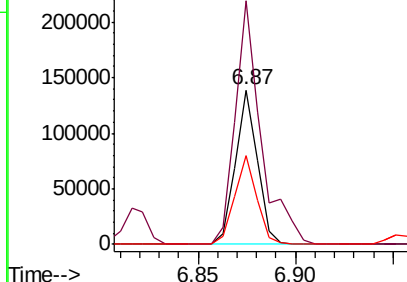
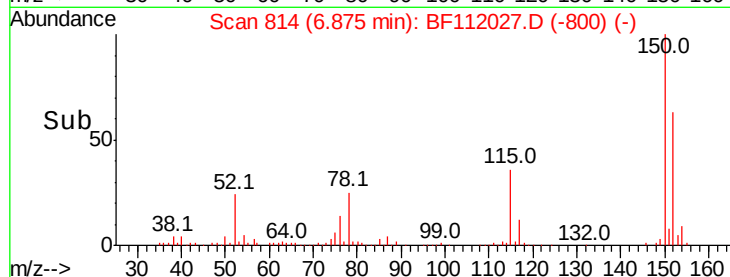
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	57.4	45.2	67.8



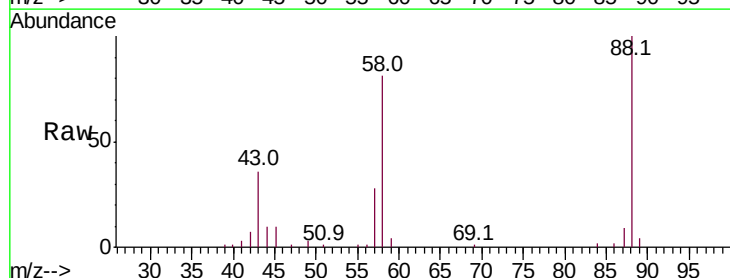
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



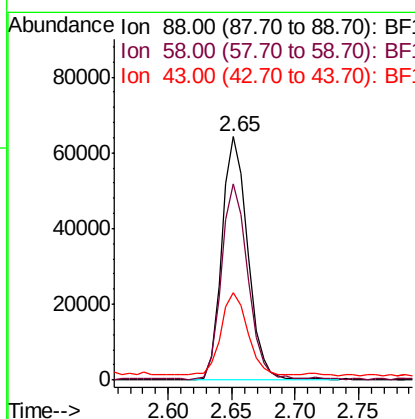
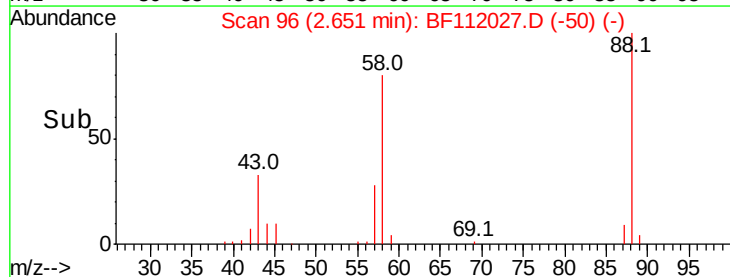
#2

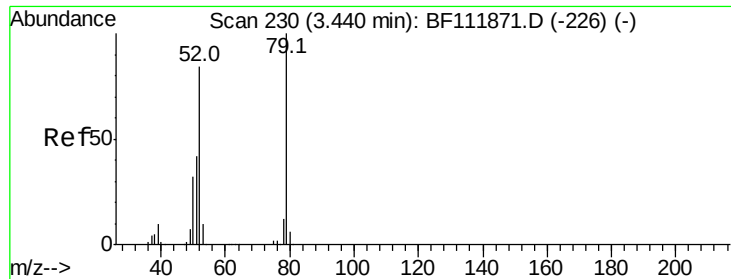
1,4-Dioxane
Concen: 32.897 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.03 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	67.6	101.4
43	34.4	29.0	43.6



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: 36.367 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

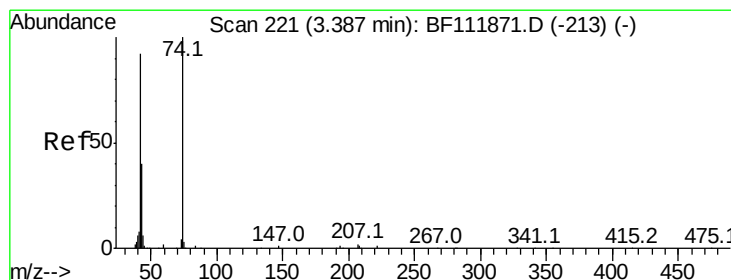
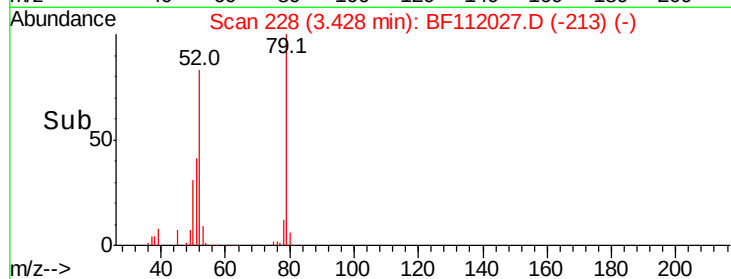
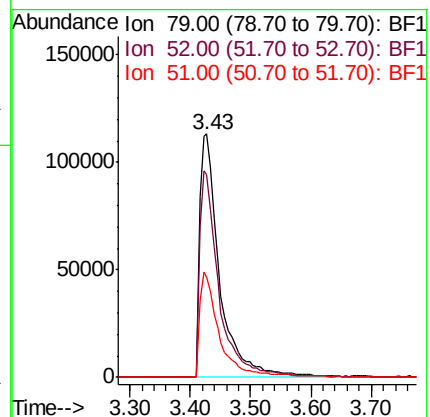
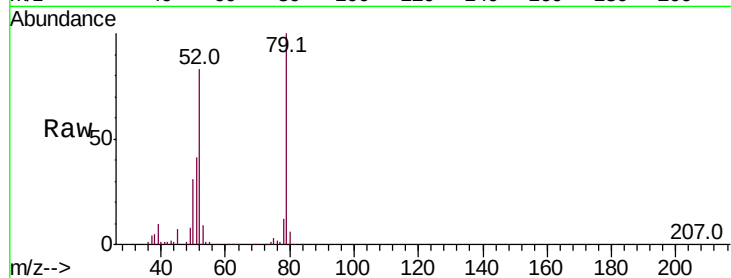
Tot Ion: 79 Resp: 261378

Ion Ratio Lower Upper

79 100

52 83.2 67.0 100.6

51 41.1 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 40.412 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.03 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

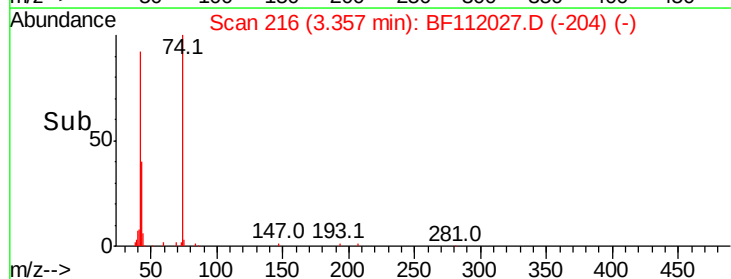
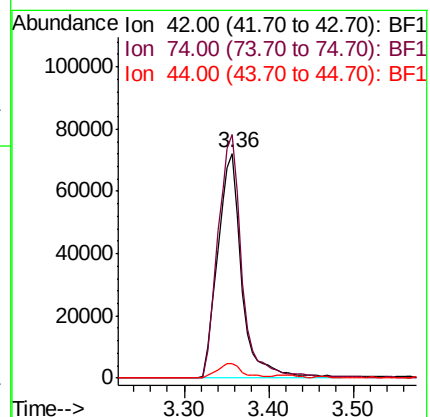
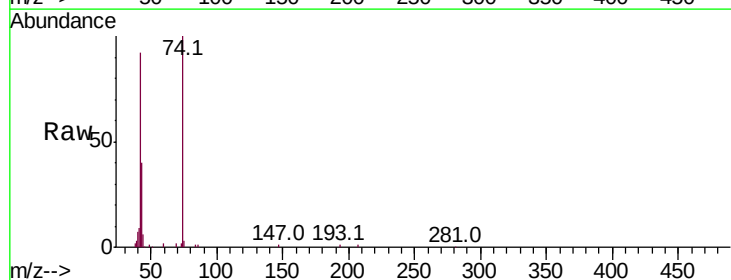
Tgt Ion: 42 Resp: 144513

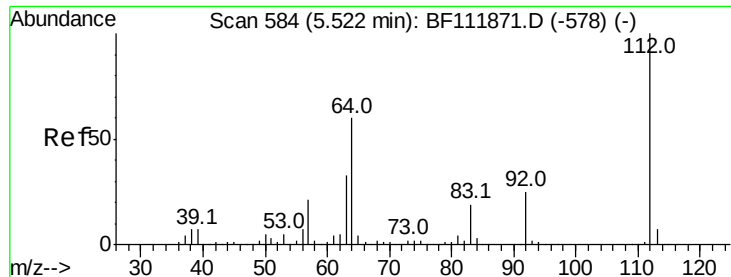
Ion Ratio Lower Upper

42 100

74 108.4 87.0 130.6

44 6.2 5.5 8.3





#5

2-Fluorophenol

Concen: 122.209 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampled :

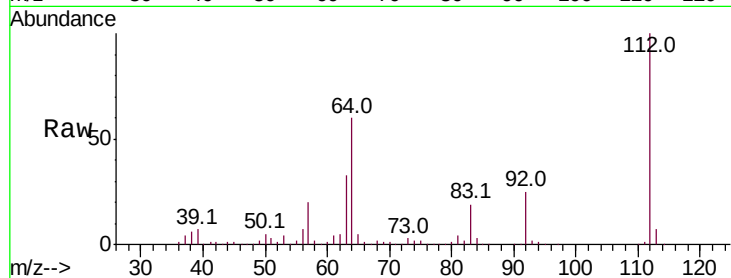
Tot Ion:112 Resp: 775019

Ion Ratio Lower Upper

112 100

64 59.9 48.3 72.5

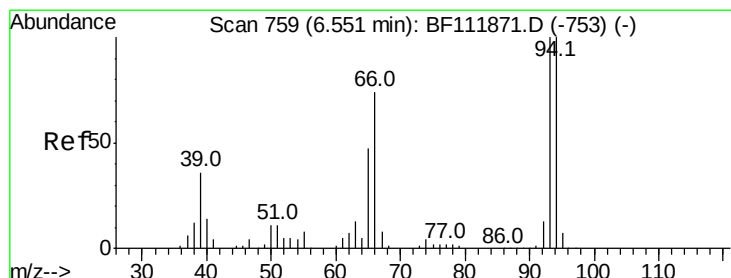
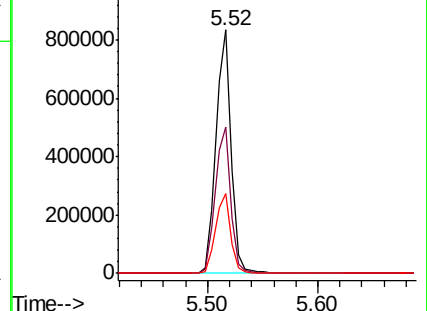
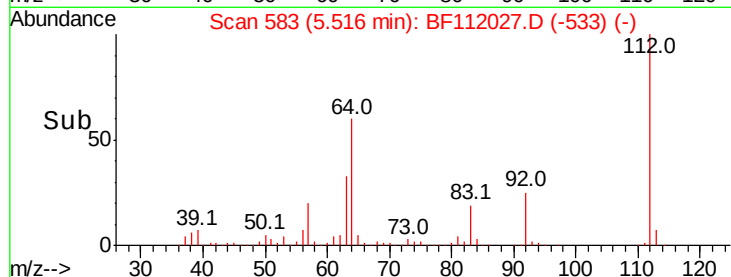
63 32.7 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.858 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

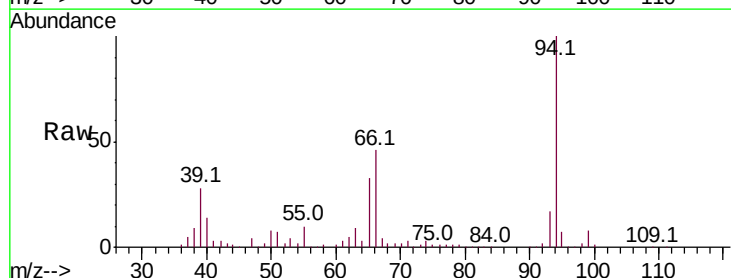
Tgt Ion: 93 Resp: 127083

Ion Ratio Lower Upper

93 100

66 280.3 60.0 90.0#

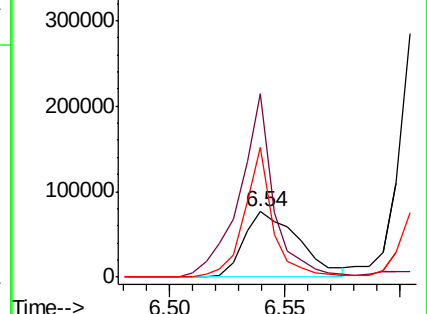
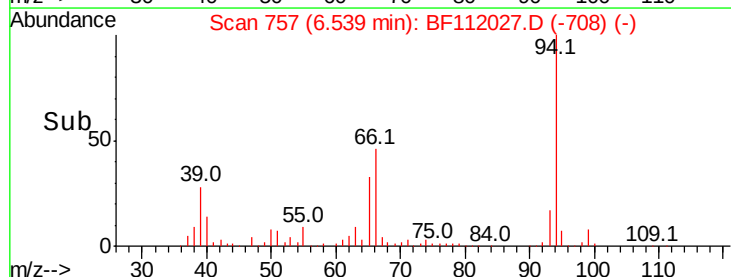
65 197.8 37.5 56.3#

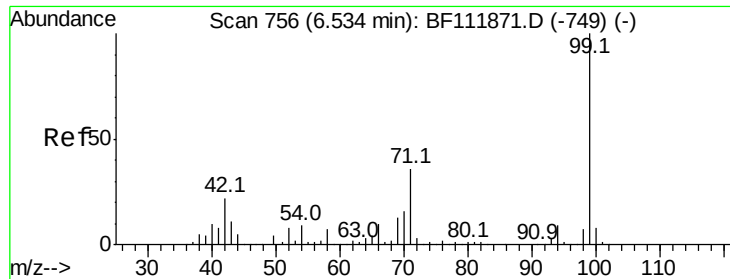


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.537 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampled :

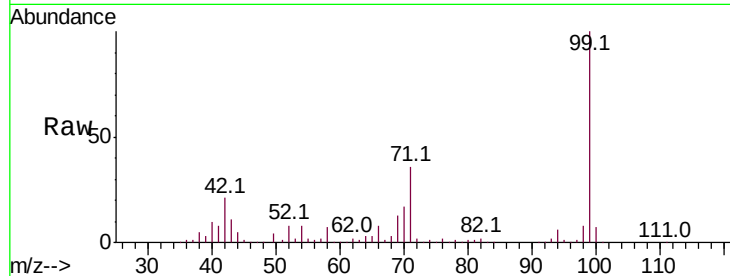
Tot Ion: 99 Resp: 838112

Ion Ratio Lower Upper

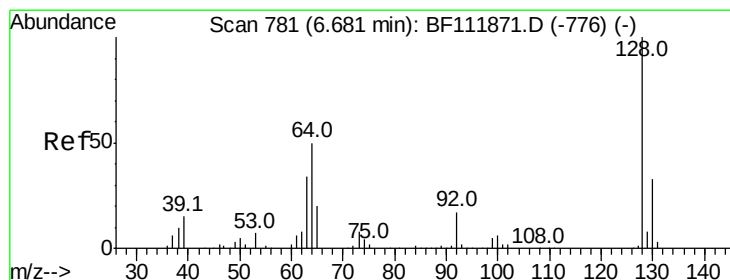
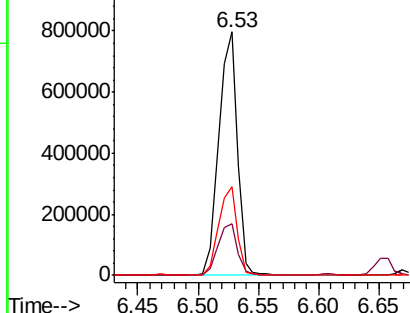
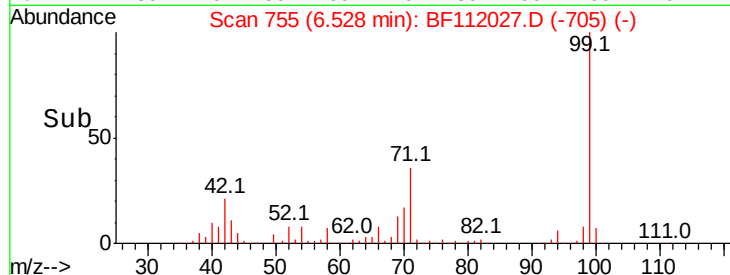
99 100

42 21.4 17.9 26.9

71 36.3 28.7 43.1



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: 36.655 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

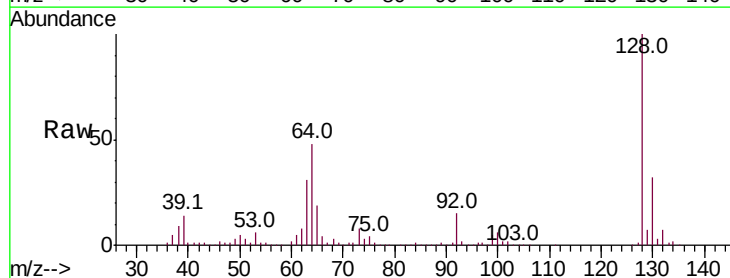
Tgt Ion: 128 Resp: 258121

Ion Ratio Lower Upper

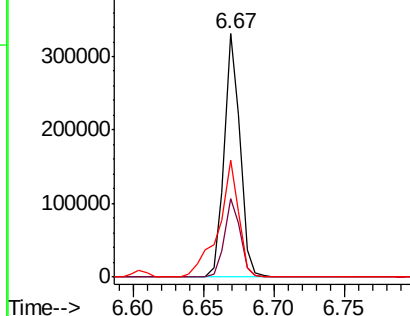
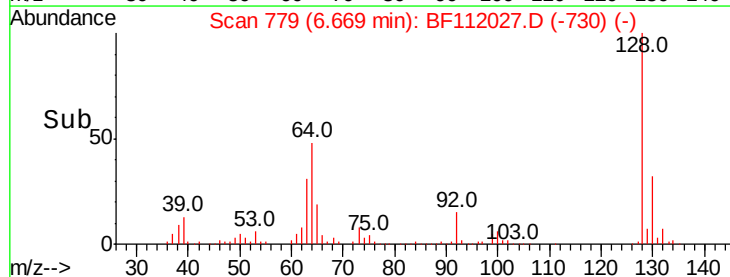
128 100

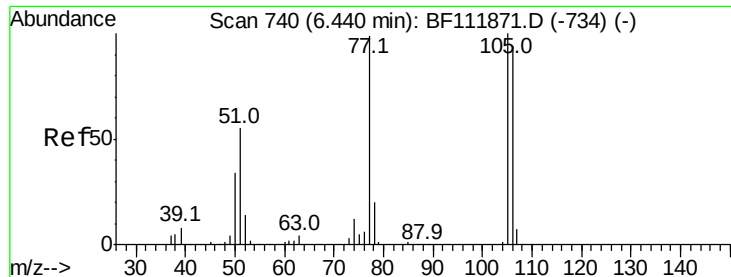
130 32.1 12.7 52.7

64 48.2 31.8 71.8



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: 15.300 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

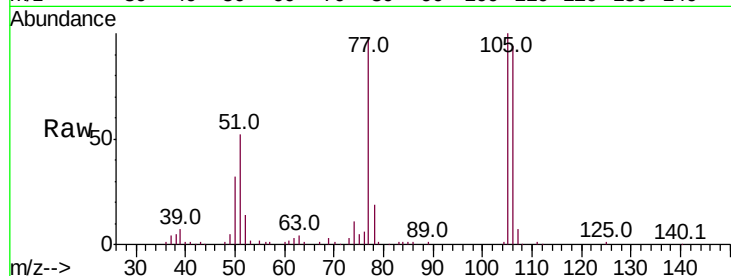
Tot Ion: 77 Resp: 88474

Ion Ratio Lower Upper

77 100

105 101.6 80.6 120.6

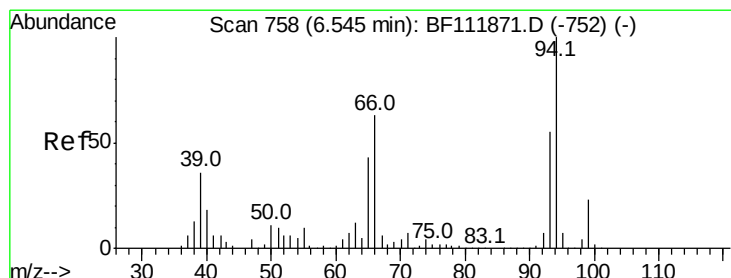
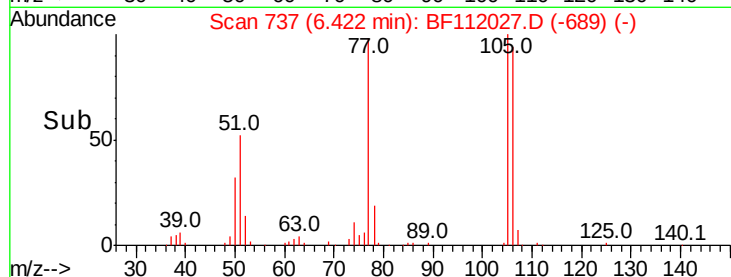
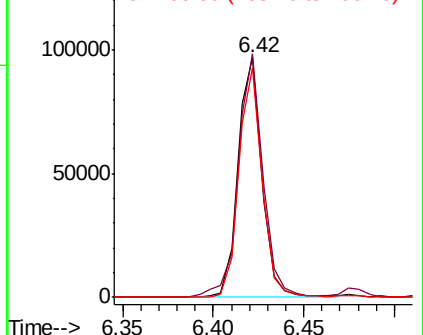
106 96.0 74.6 114.6



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: 37.577 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

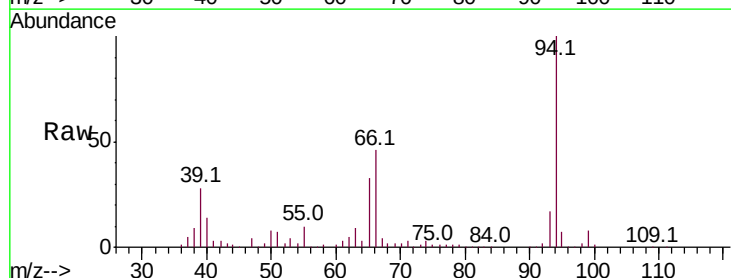
Tgt Ion: 94 Resp: 333831

Ion Ratio Lower Upper

94 100

65 32.8 22.8 62.8

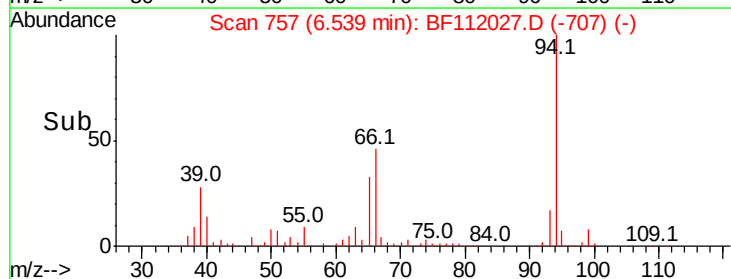
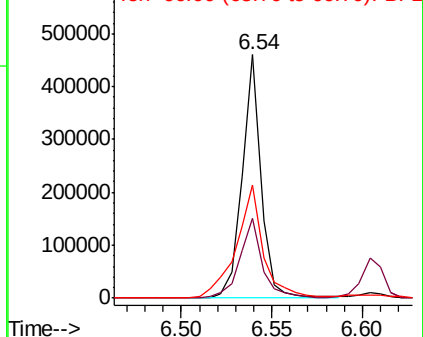
66 46.5 43.3 83.3

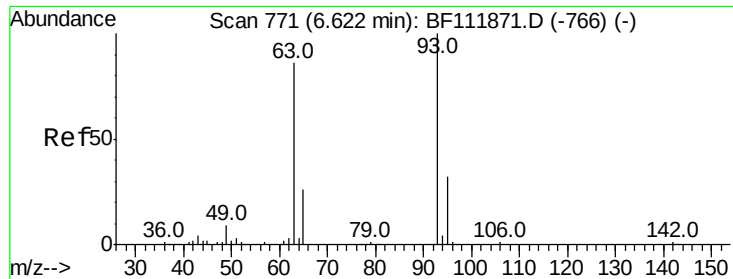


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.151 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

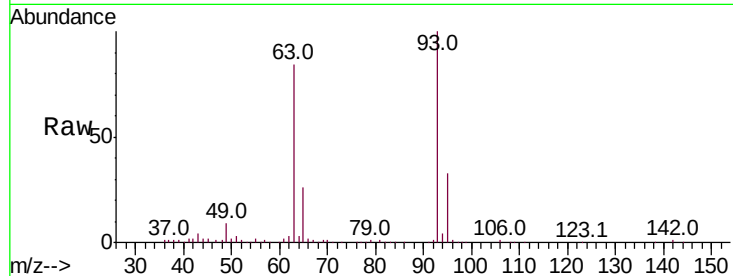
Tot Ion: 93 Resp: 269078

Ion Ratio Lower Upper

93 100

63 84.0 65.2 105.2

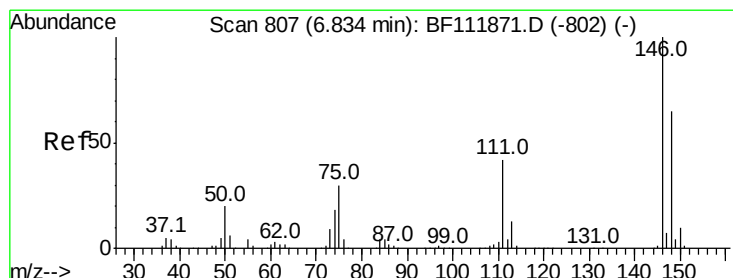
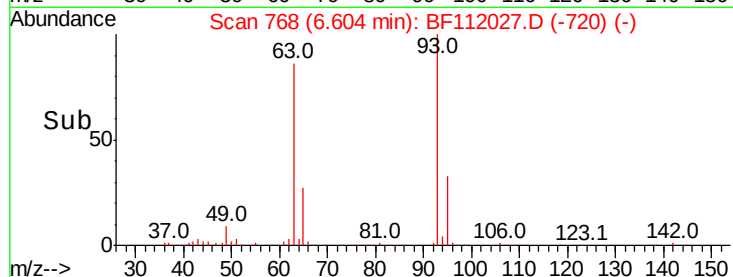
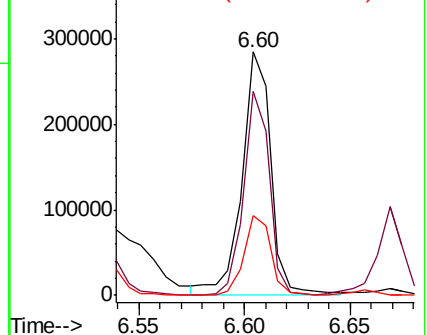
95 32.6 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.908 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

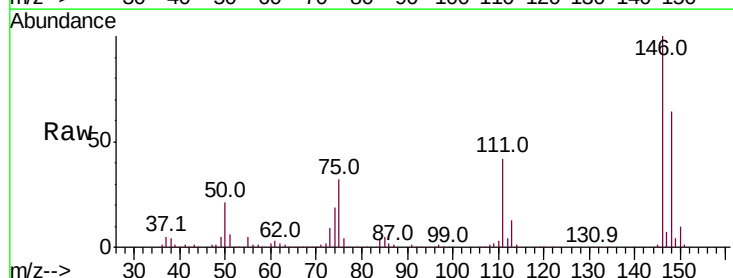
Tgt Ion: 146 Resp: 284977

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

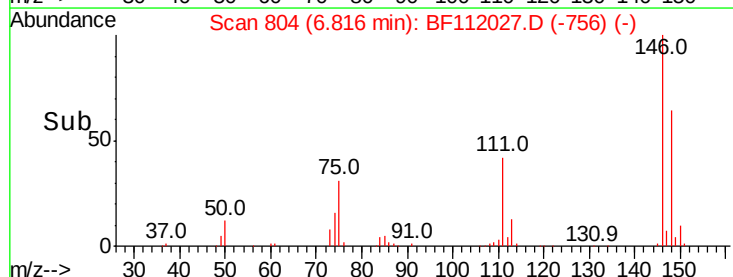
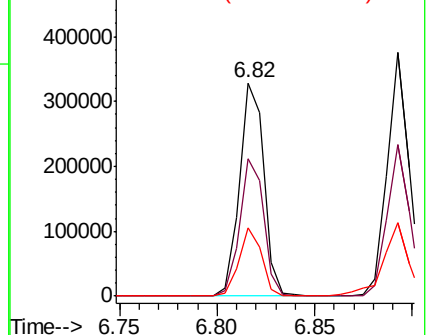
75 32.0 24.3 36.5

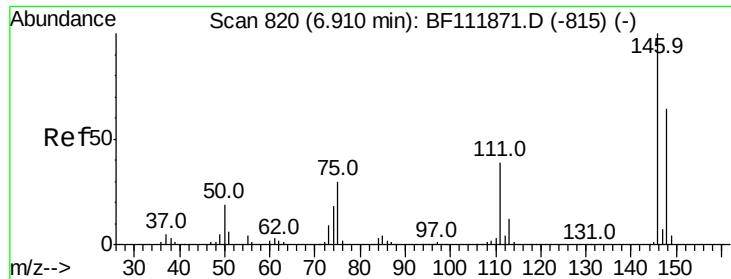


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

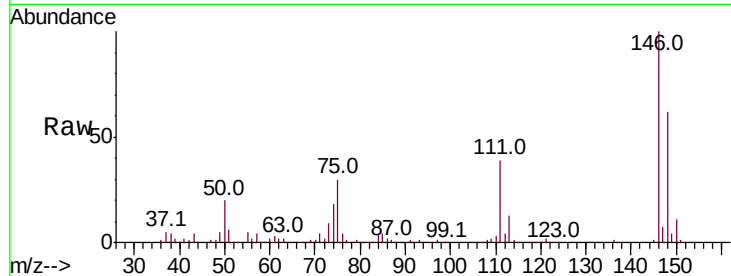




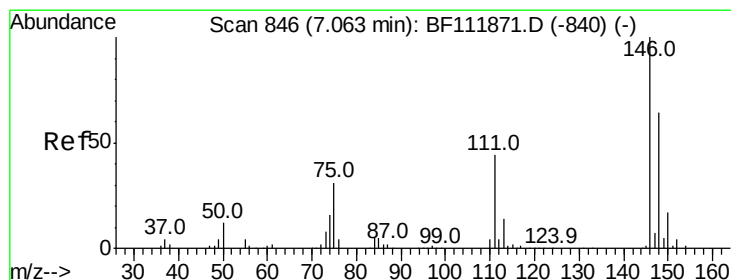
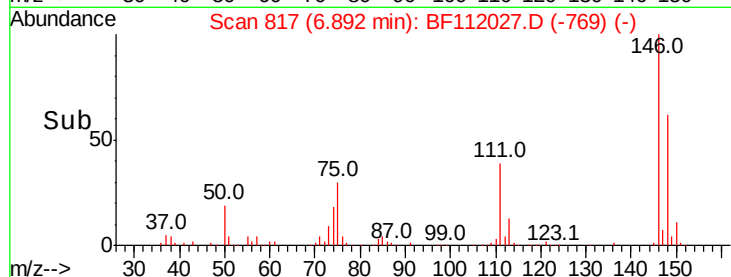
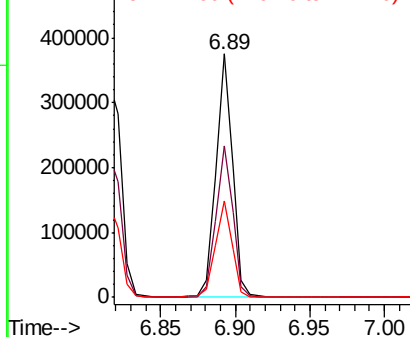
#13
 1,4-Dichlorobenzene
 Concen: 35.013 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 290052
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.2 76.8
 111 39.4 31.5 47.3

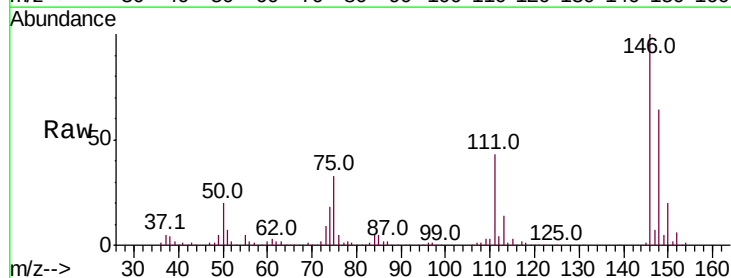


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

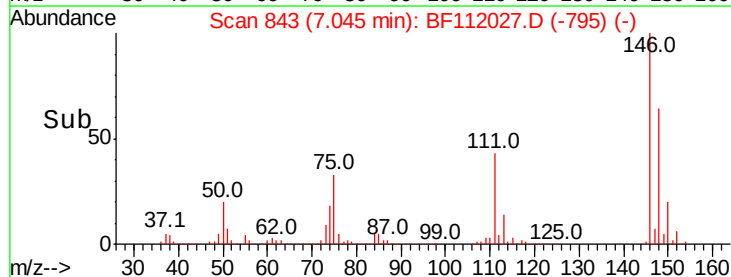
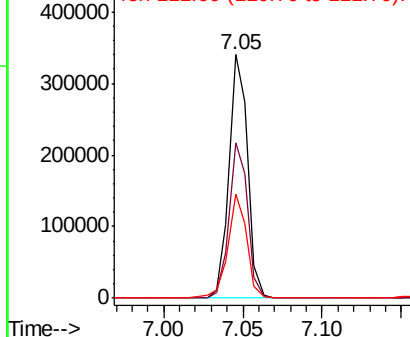


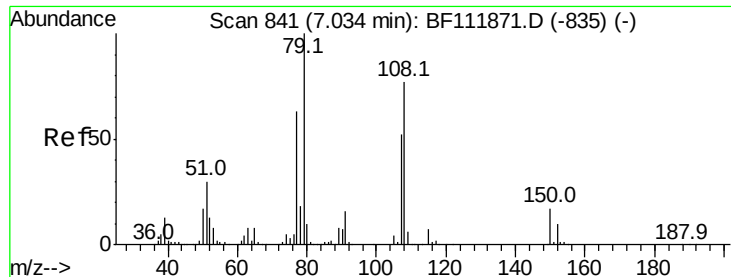
#14
 1,2-Dichlorobenzene
 Concen: 34.775 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:146 Resp: 275372
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 42.9 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

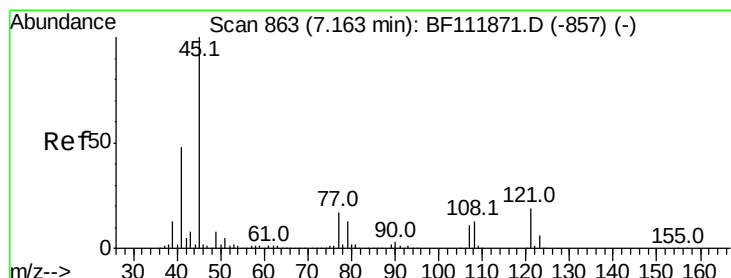
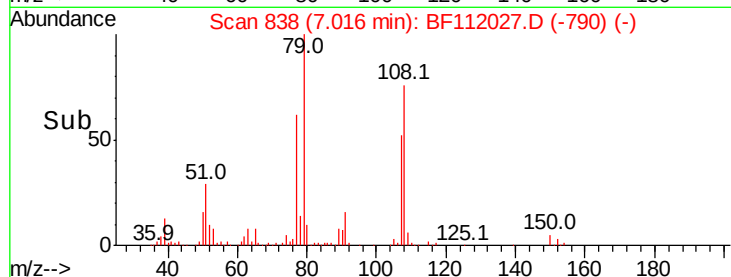
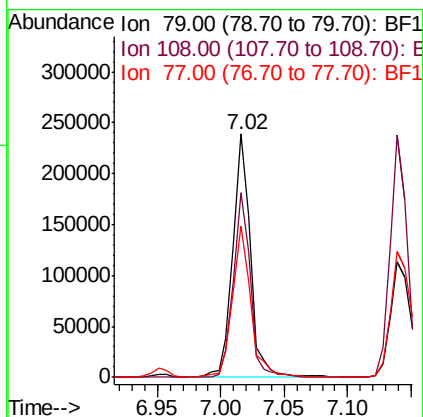
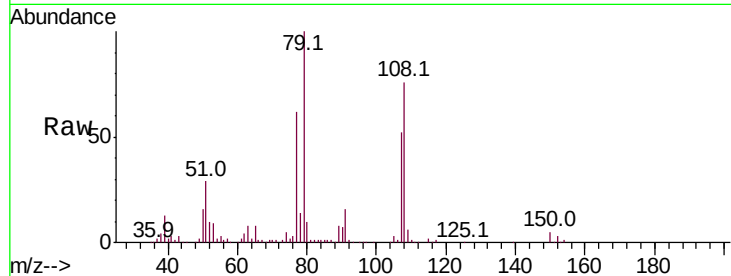




#15
Benzyl Alcohol
Concen: 34.982 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

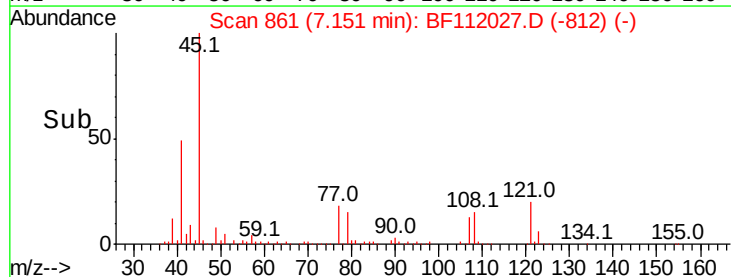
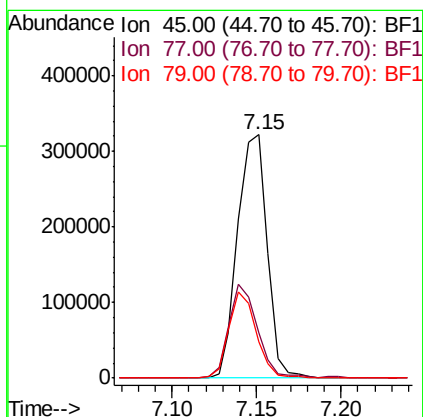
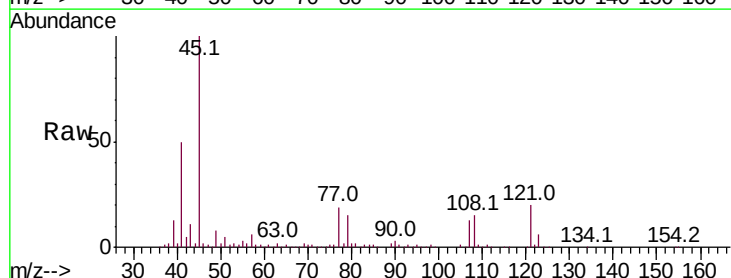
Instrument :
BNA_F
ClientSampleId :

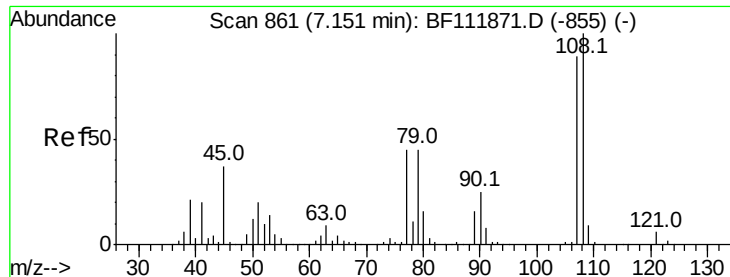
Tot Ion: 79 Resp: 226240
Ion Ratio Lower Upper
79 100
108 76.1 61.4 92.0
77 62.1 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.620 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion: 45 Resp: 393949
Ion Ratio Lower Upper
45 100
77 18.5 0.0 37.1
79 15.0 0.0 33.9





#17

2-Methylphenol

Concen: 34.949 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 197799

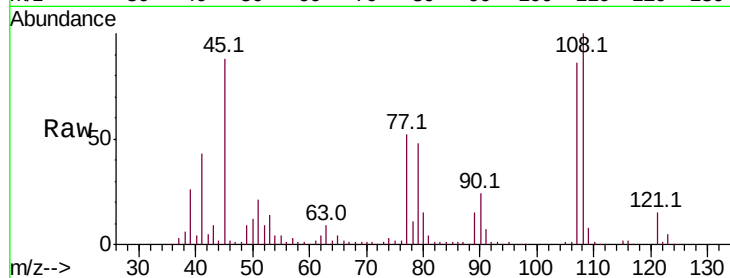
Ion Ratio Lower Upper

107 100

108 116.3 89.7 134.5

77 60.3 40.6 60.8

79 55.6 40.2 60.2

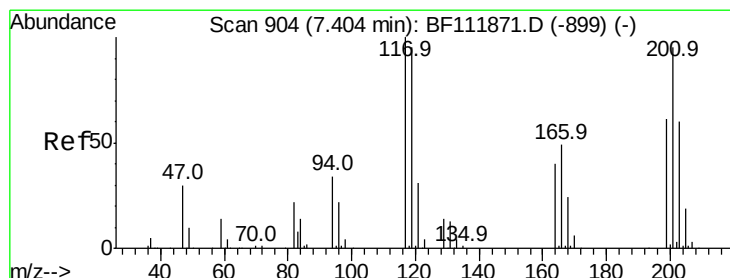
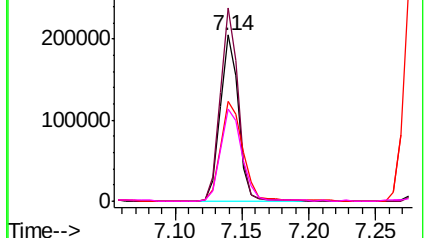
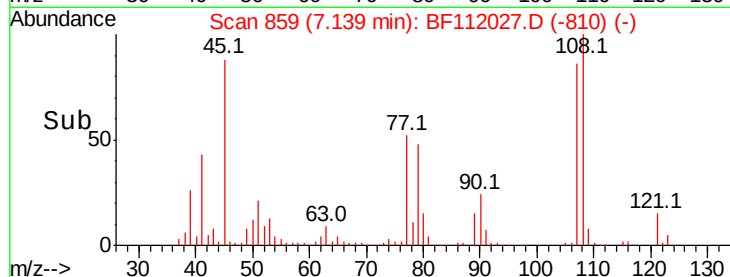


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.698 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

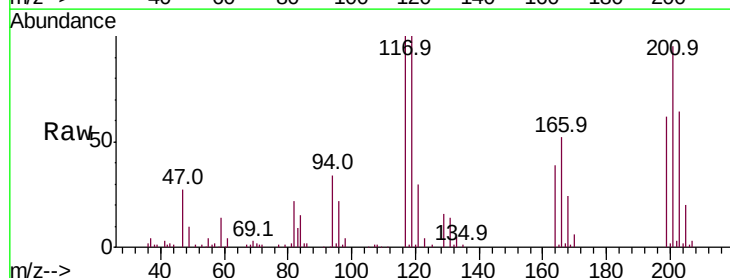
Tgt Ion:117 Resp: 71436

Ion Ratio Lower Upper

117 100

119 100.0 76.2 114.2

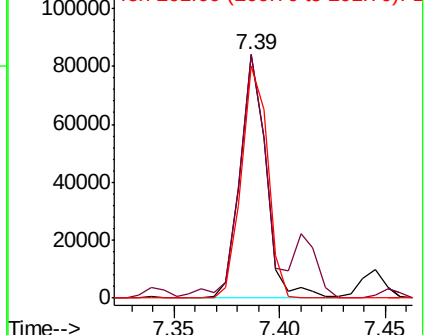
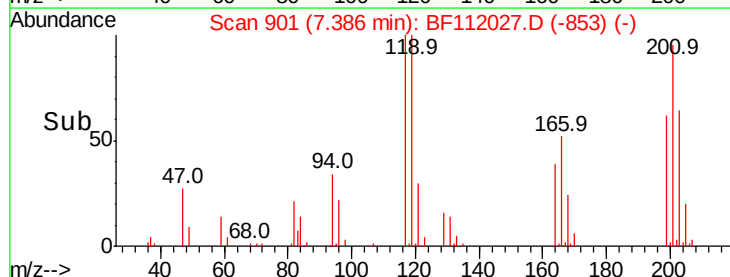
201 95.4 75.7 113.5

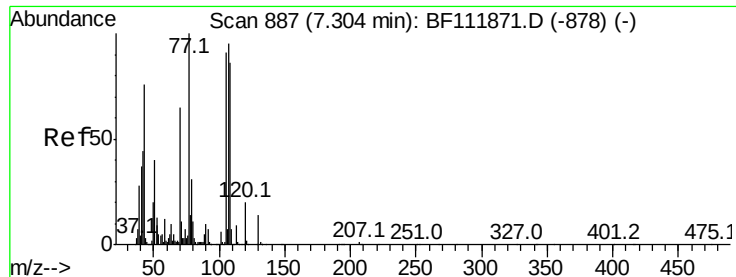


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

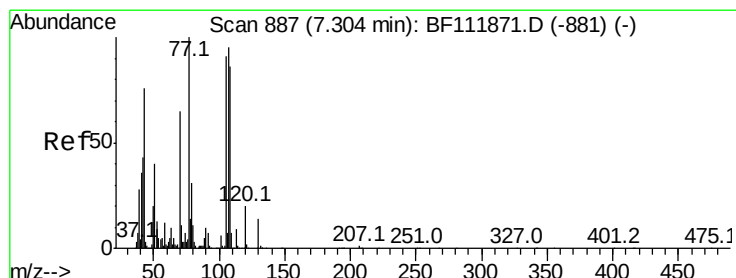
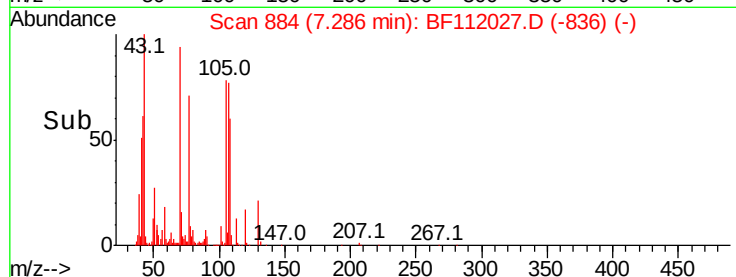
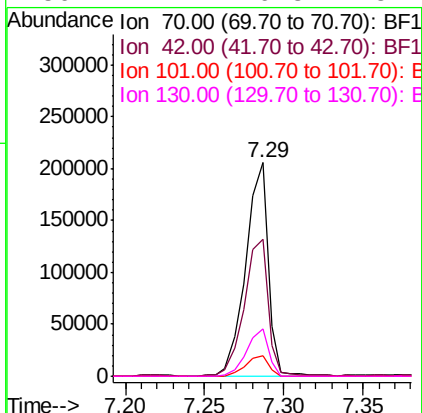
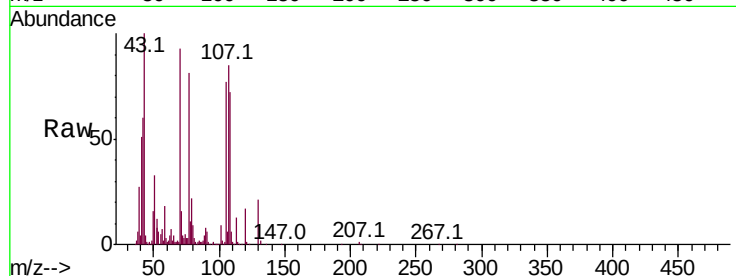




#19
n-Nitroso-di-n-propylamine
Concen: 37.918 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

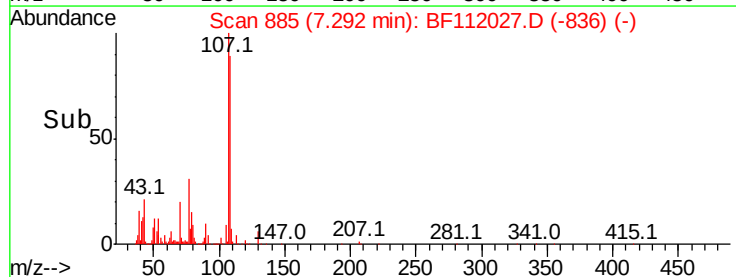
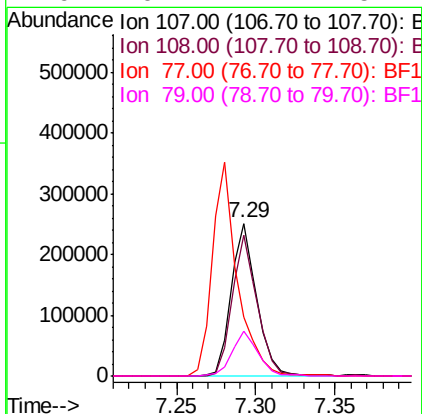
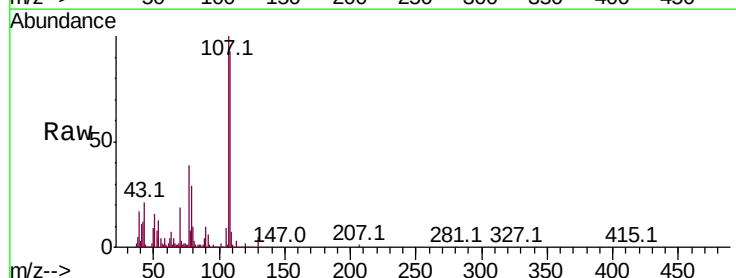
Instrument :
BNA_F
ClientSampleId :

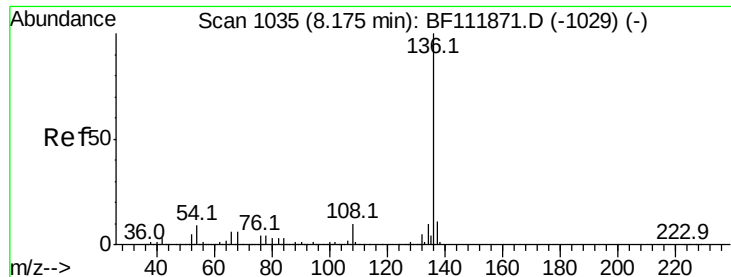
Tot Ion:	70	Resp:	201377
Ion	Ratio	Lower	Upper
70	100		
42	64.3	53.6	80.4
101	9.7	7.3	10.9
130	22.2	16.8	25.2



#20
3+4-Methylphenols
Concen: 39.619 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion:	107	Resp:	279069
Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.1	111.1
77	38.8	85.4	125.4#
79	29.4	12.4	52.4

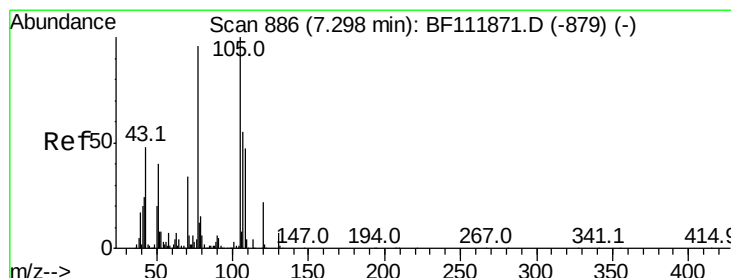
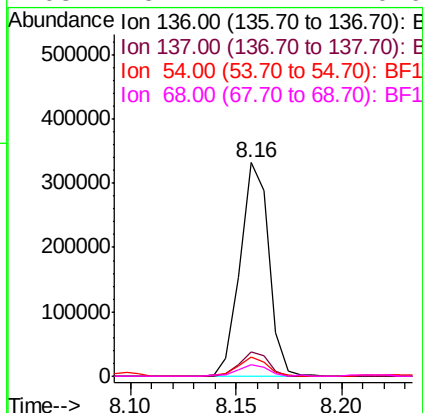
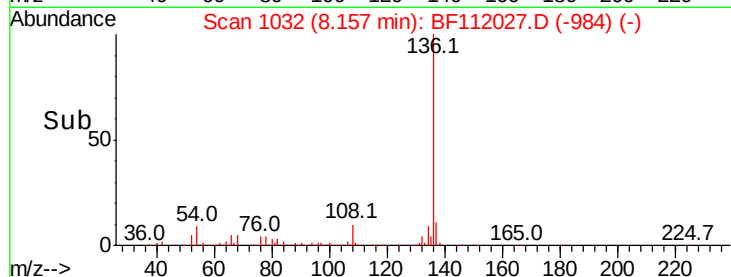
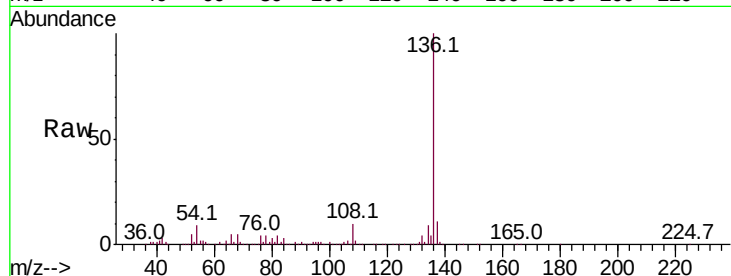




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

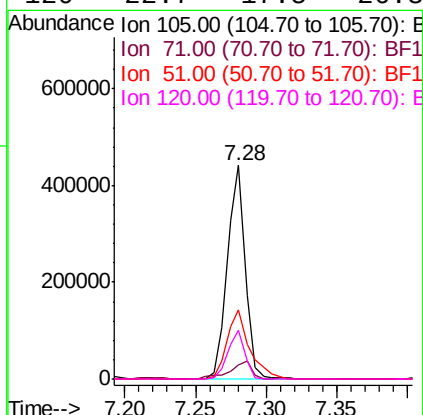
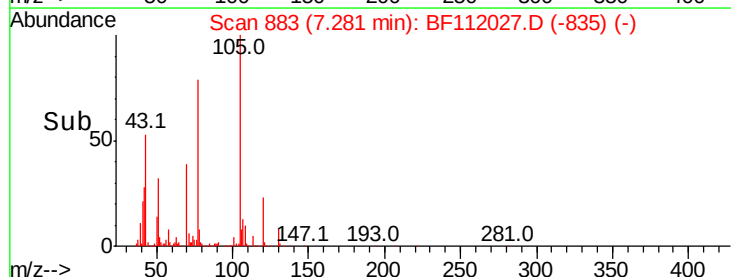
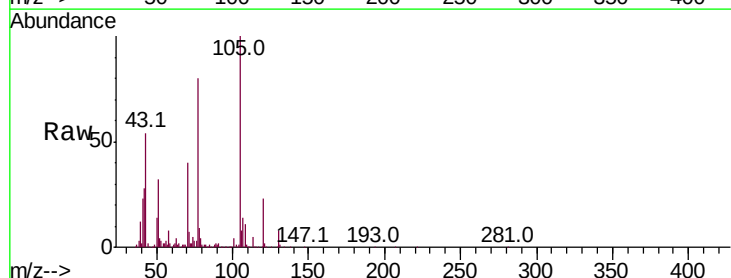
Instrument :
BNA_F
ClientSampled :

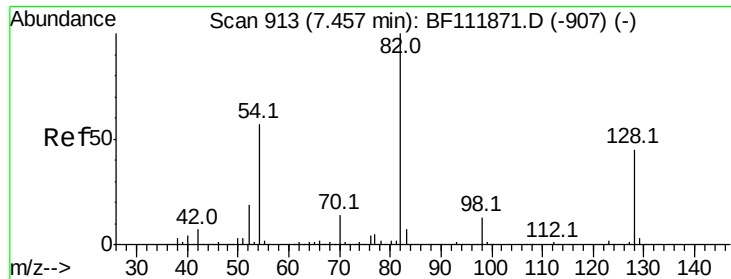
Tot Ion:136	Resp:	312550
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	8.9	7.2 10.8
68	5.4	4.4 6.6



#22
Acetophenone
Concen: 49.150 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion:105	Resp:	388916
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.6 6.8#
51	32.1	32.2 48.2#
120	22.7	17.5 26.3

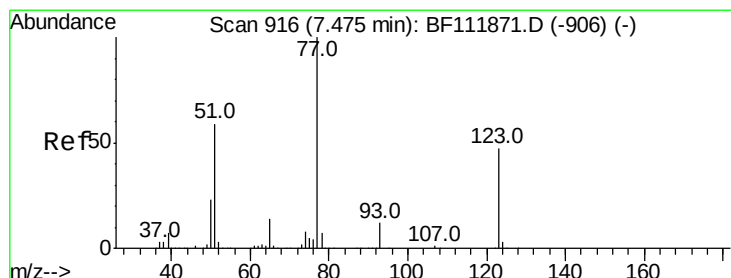
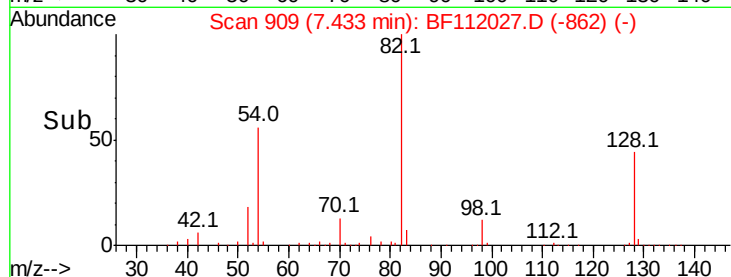
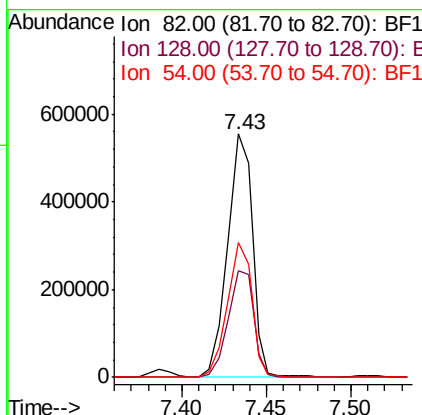
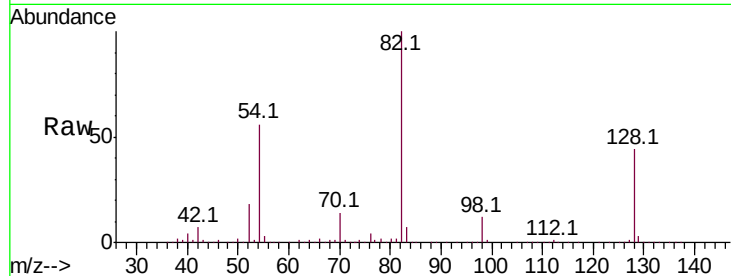




#23
 Nitrobenzene-d5
 Concen: 96.932 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

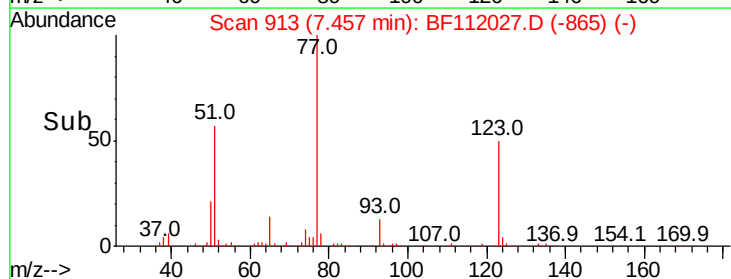
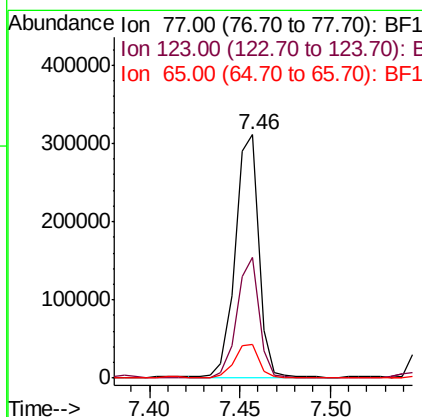
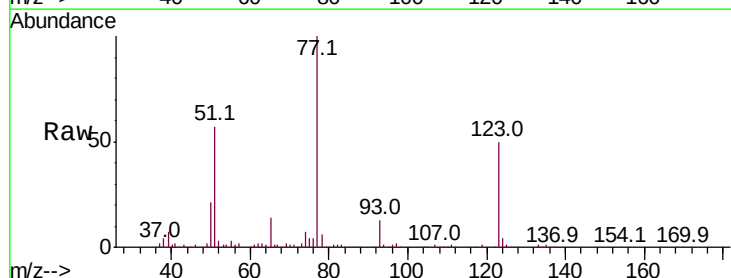
Instrument :
 BNA_F
 ClientSampleID :

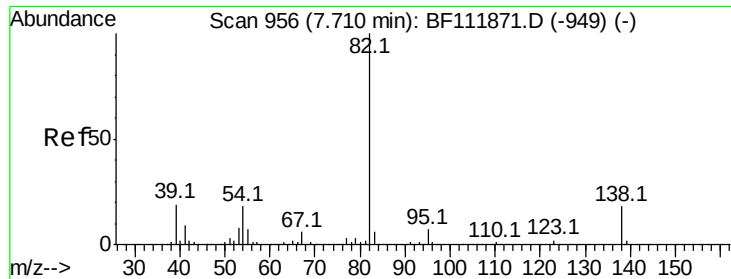
Tot Ion:	82	Resp:	566859
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	55.6	45.8	68.8



#24
 Nitrobenzene
 Concen: 47.483 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:	77	Resp:	280901
Ion	Ratio	Lower	Upper
77	100		
123	49.6	38.1	57.1
65	14.1	11.0	16.4

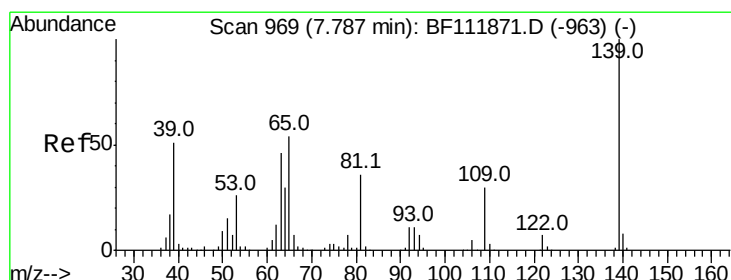
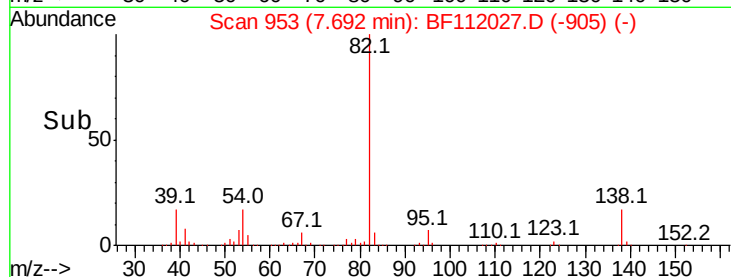
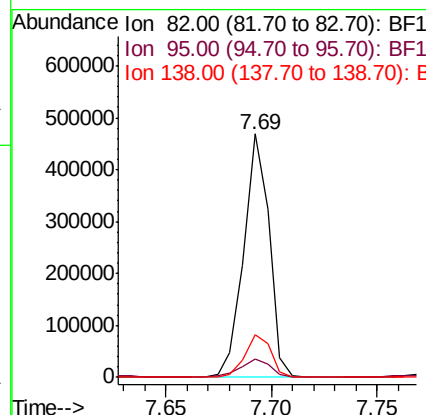
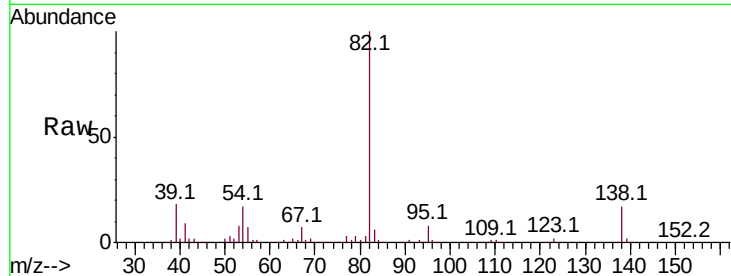




#25
Isophorone
Concen: 41.118 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

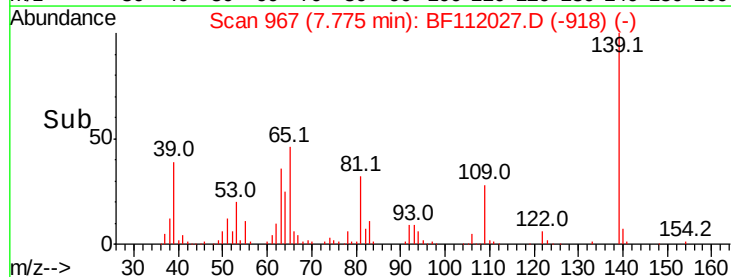
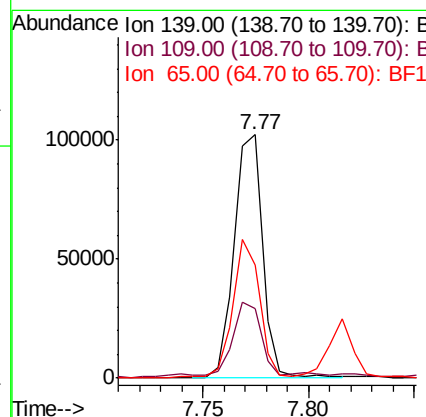
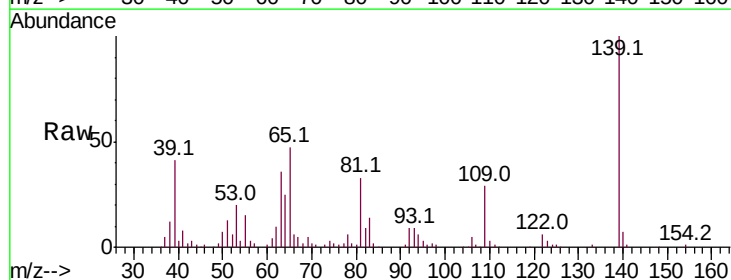
Instrument :
BNA_F
ClientSampleId :

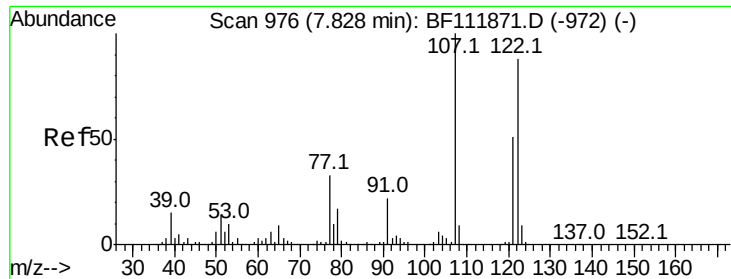
Tot Ion	82	Resp	389383
Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.8	8.6
138	17.3	14.4	21.6



#26
2-Nitrophenol
Concen: 32.596 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	139	Resp	94946
Ion	Ratio	Lower	Upper
139	100		
109	28.8	24.1	36.1
65	46.6	43.6	65.4

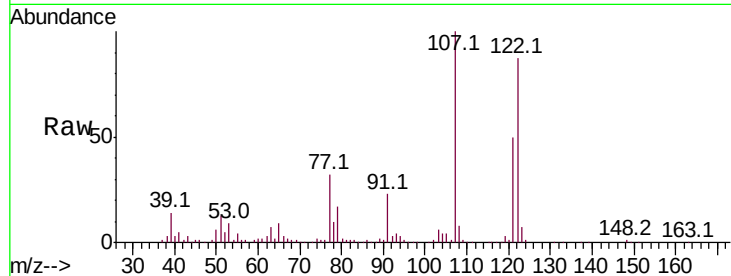




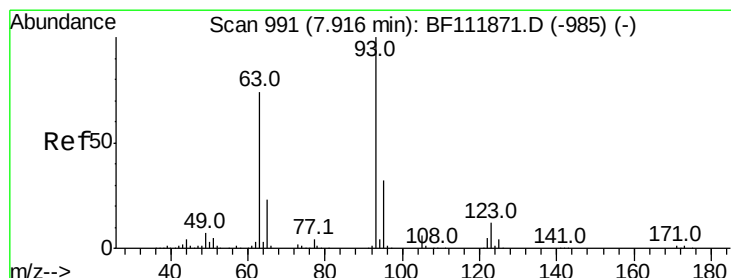
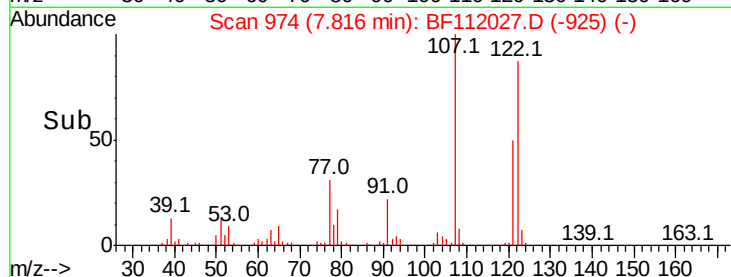
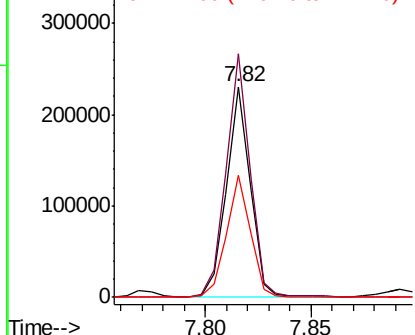
#27
2,4-Dimethylphenol
Concen: 42.973 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 180984
Ion Ratio Lower Upper
122 100
107 115.5 91.0 136.6
121 57.8 46.8 70.2

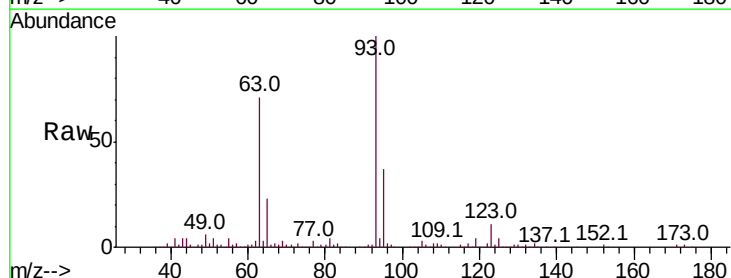


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

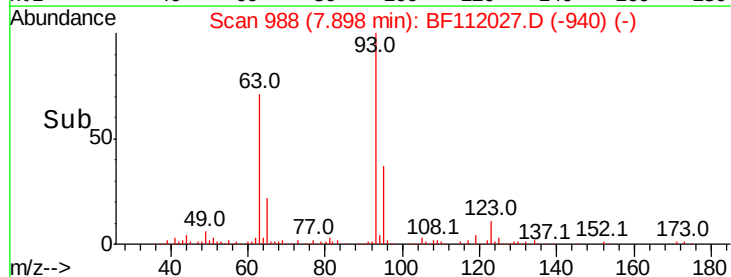
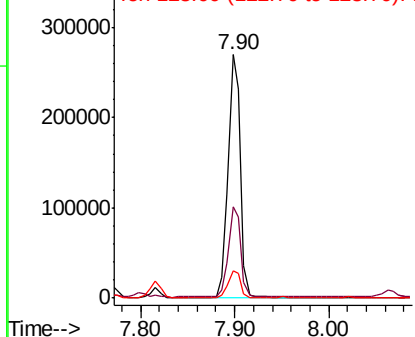


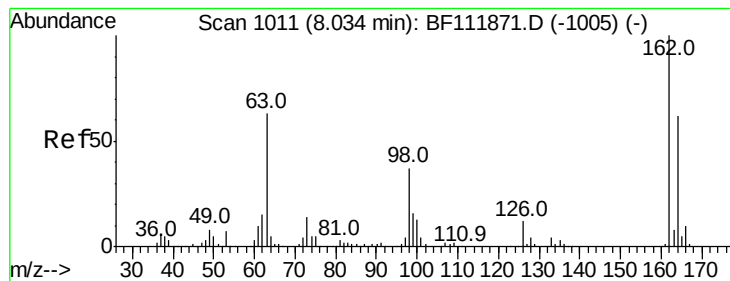
#28
bis(2-Chloroethoxy)methane
Concen: 39.087 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion: 93 Resp: 247070
Ion Ratio Lower Upper
93 100
95 37.4 25.8 38.6
123 11.1 9.5 14.3



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: 36.559 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampled :

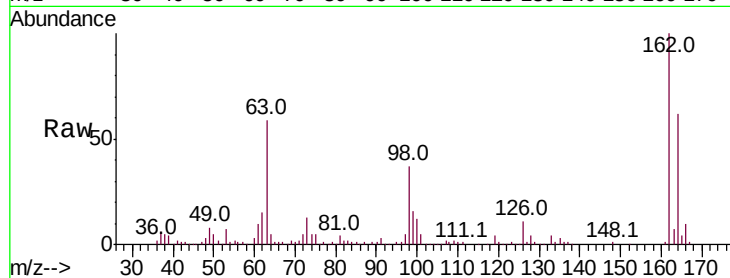
Tot Ion:162 Resp: 177050

Ion Ratio Lower Upper

162 100

164 62.2 42.1 82.1

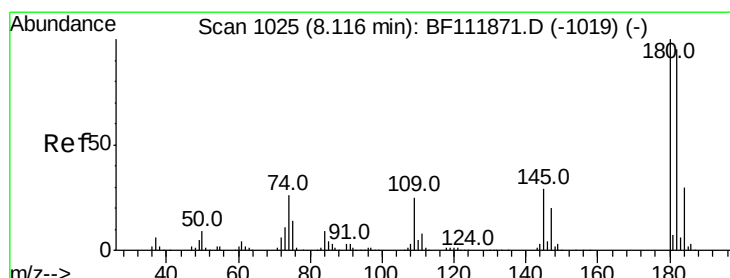
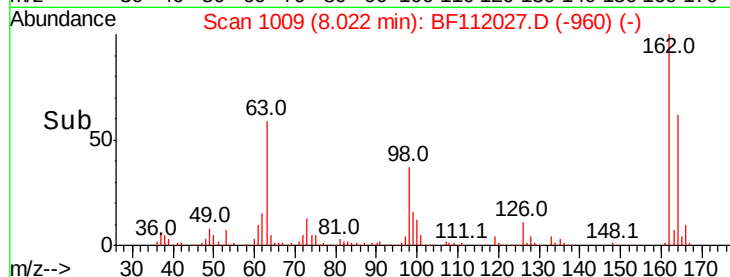
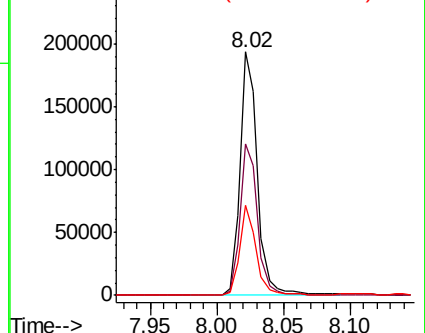
98 37.0 17.2 57.2



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: 35.379 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

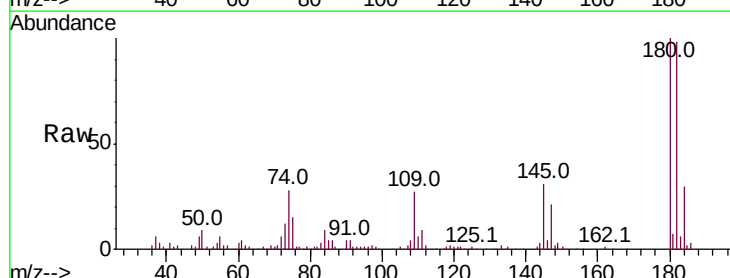
Tgt Ion:180 Resp: 189017

Ion Ratio Lower Upper

180 100

182 97.5 76.2 114.4

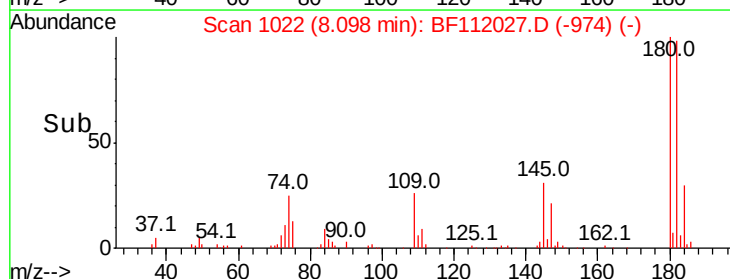
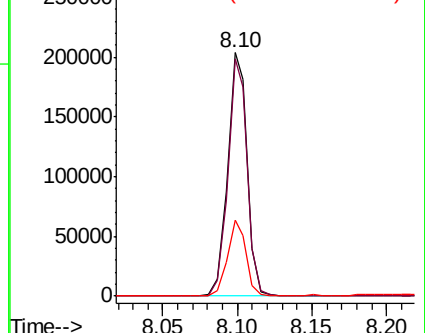
145 31.1 23.4 35.2

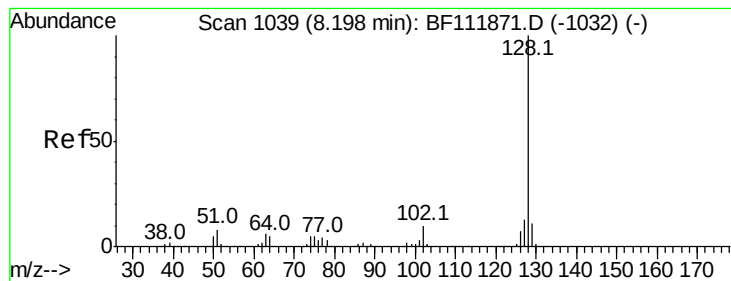


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 64.186 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

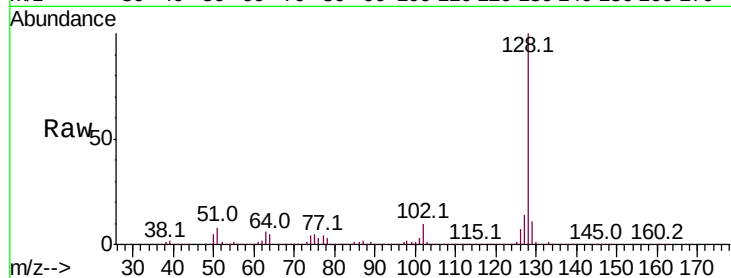
Tot Ion:128 Resp: 952325

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

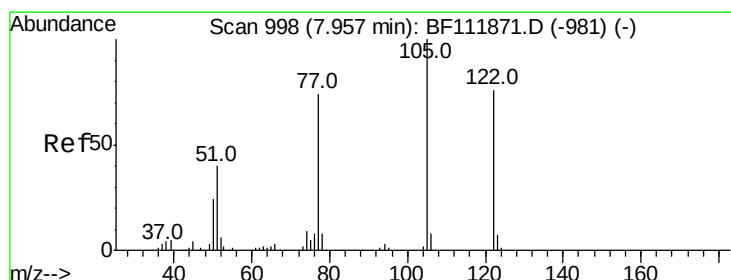
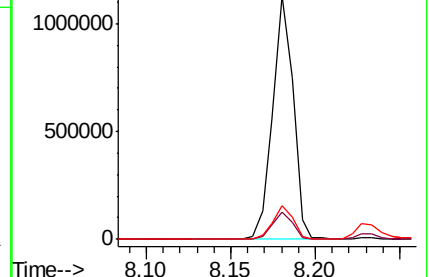
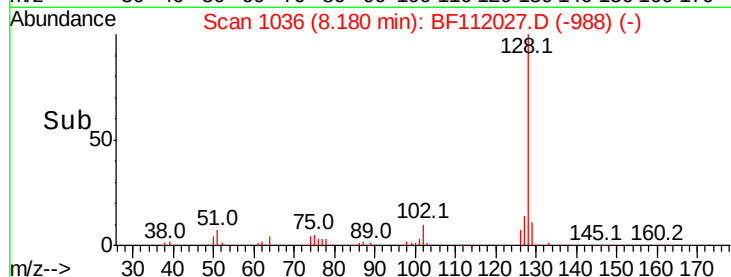
127 13.6 10.7 16.1



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: 3.358 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

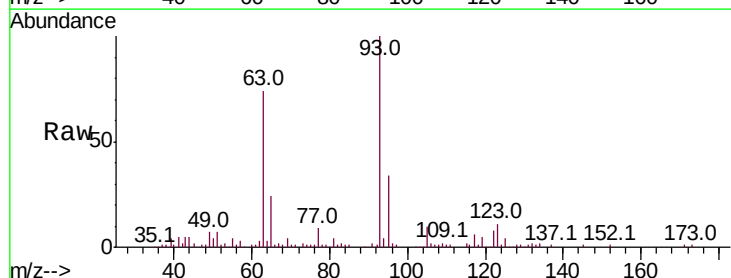
Tgt Ion:122 Resp: 9179

Ion Ratio Lower Upper

122 100

105 126.3 107.9 147.9

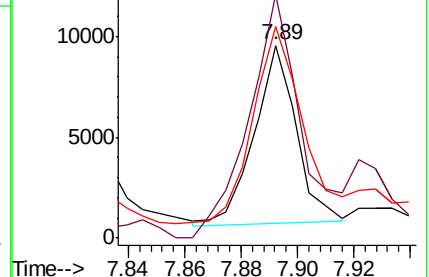
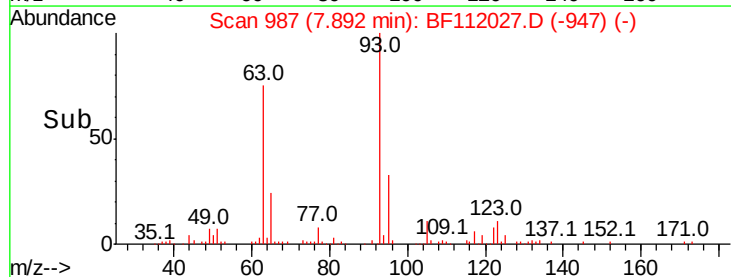
77 109.6 76.6 116.6

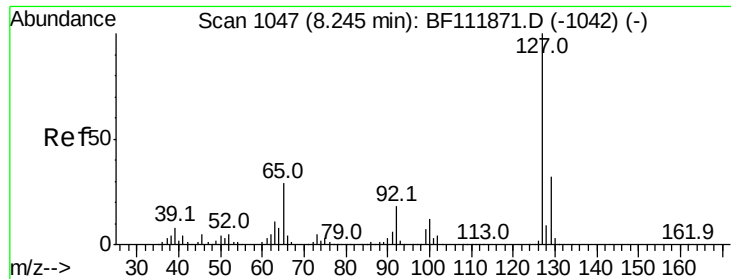


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

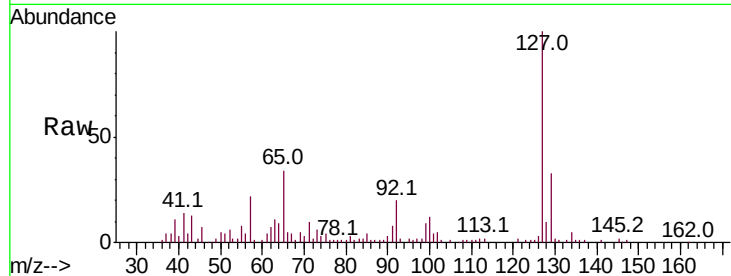




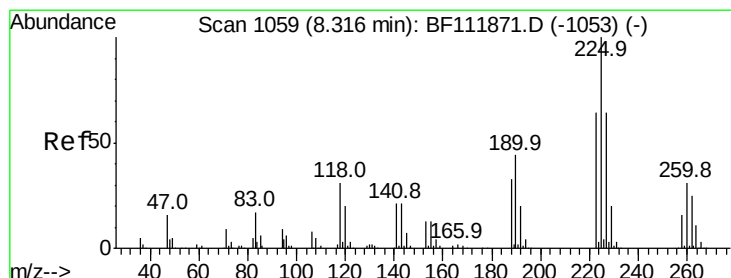
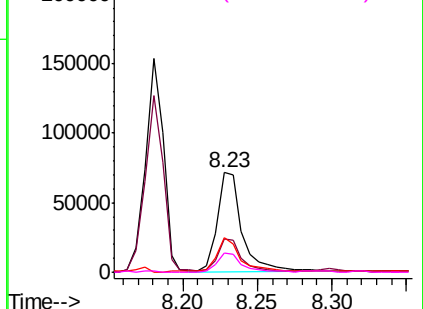
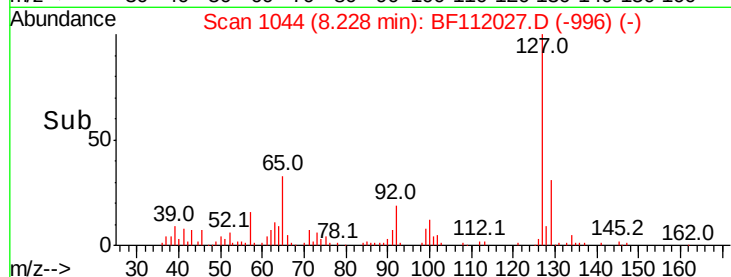
#33
4-Chloroaniline
Concen: 12.941 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	82998
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.6
65	34.2	23.5	35.3
92	19.9	14.2	21.2

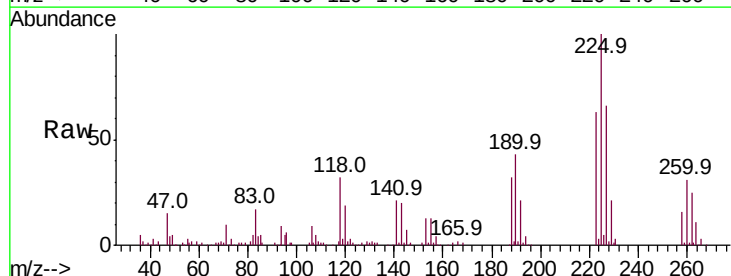


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

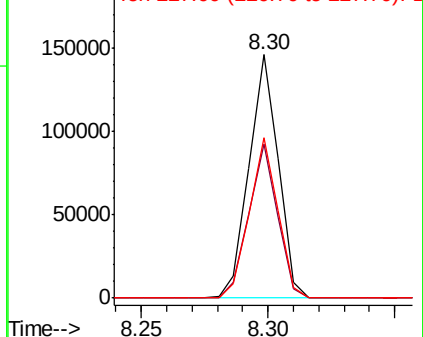
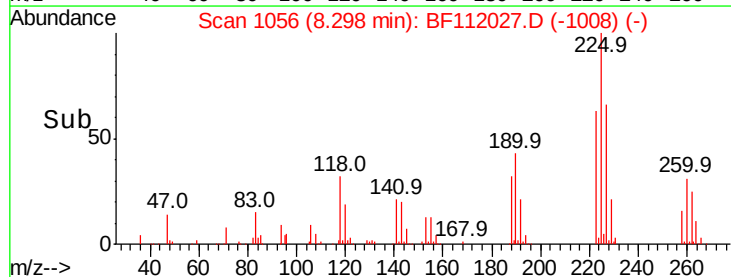


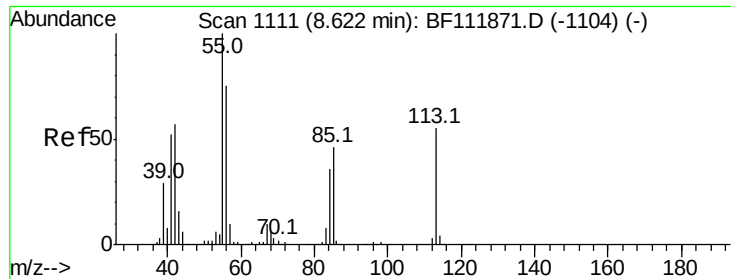
#34
Hexachlorobutadiene
Concen: 35.386 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion:	225	Resp:	117692
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	65.8	51.4	77.0



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





#35

Caprolactam

Concen: 28.994 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.04 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampled :

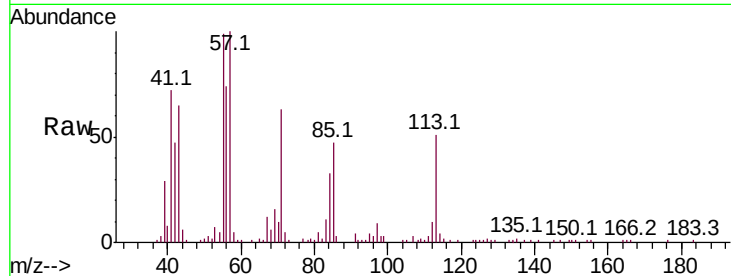
Tot Ion:113 Resp: 45876

Ion Ratio Lower Upper

113 100

55 192.4 162.0 202.0

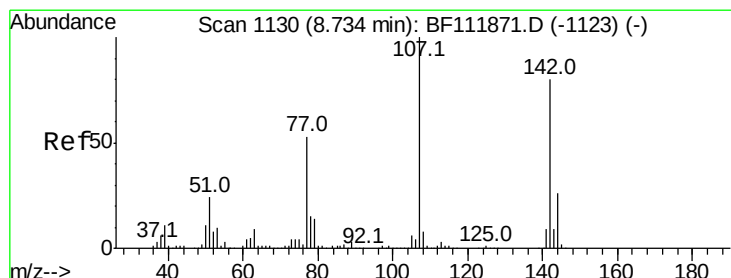
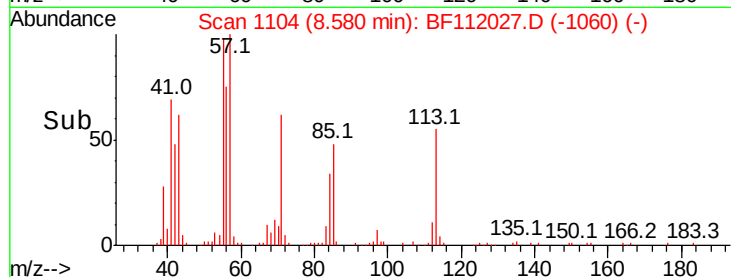
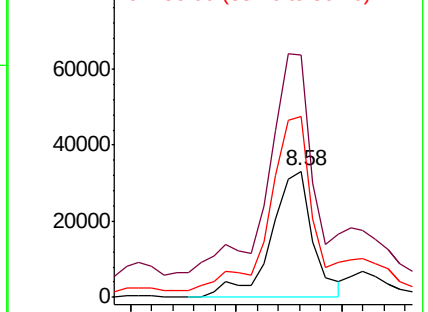
56 143.8 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.651 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

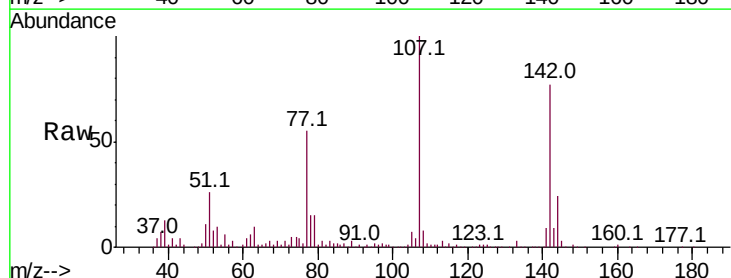
Tgt Ion:107 Resp: 162035

Ion Ratio Lower Upper

107 100

144 24.3 20.7 31.1

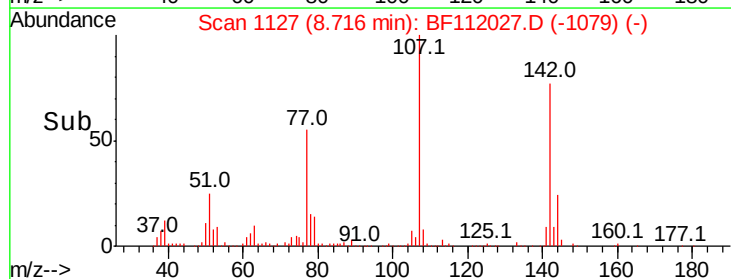
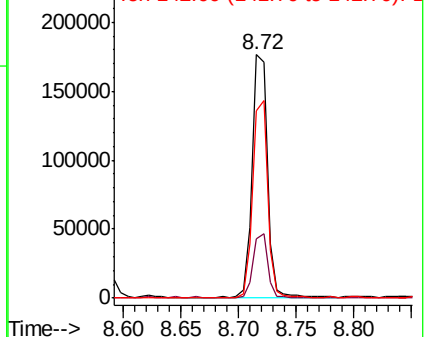
142 76.7 63.9 95.9

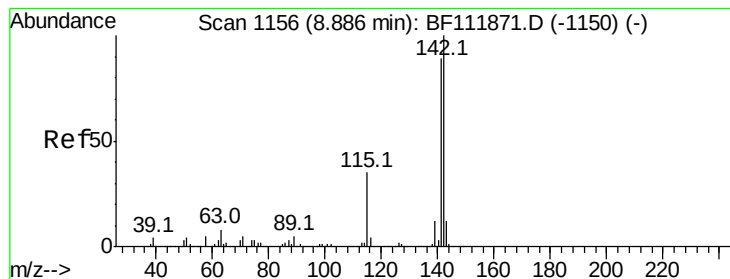


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.924 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

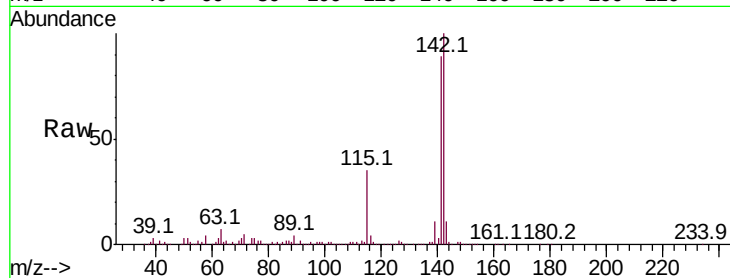
Tot Ion:142 Resp: 422202

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

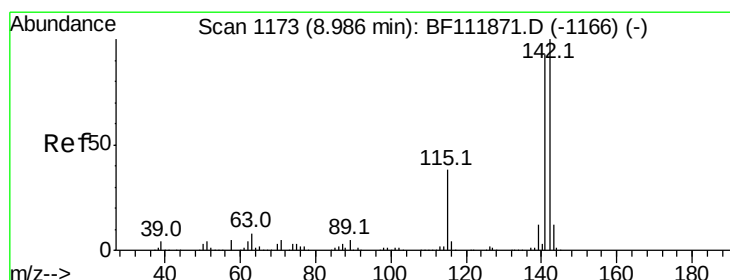
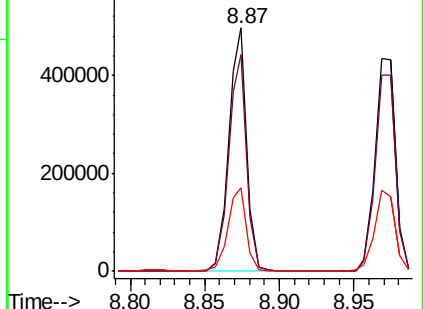
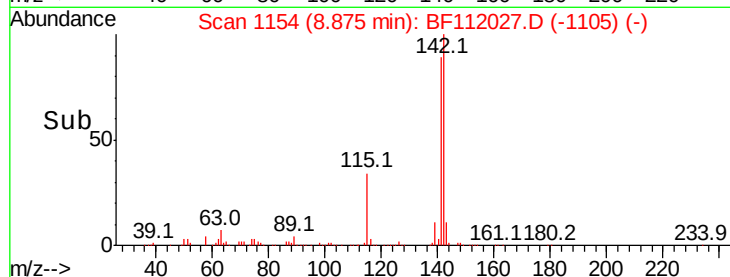
115 34.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.247 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

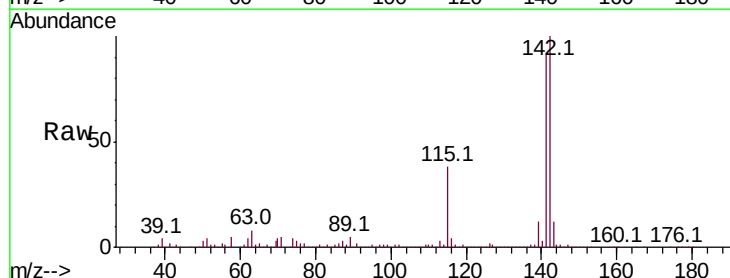
Tgt Ion:142 Resp: 407801

Ion Ratio Lower Upper

142 100

141 92.5 74.8 112.2

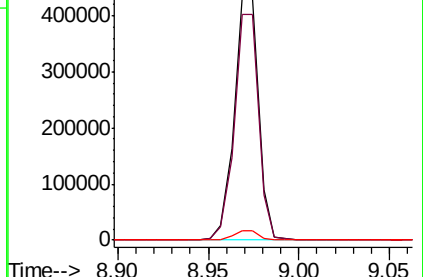
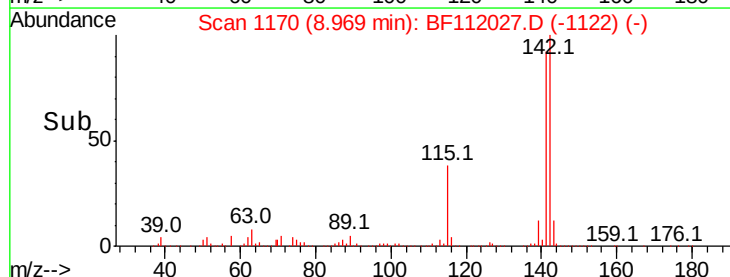
116 4.0 3.1 4.7

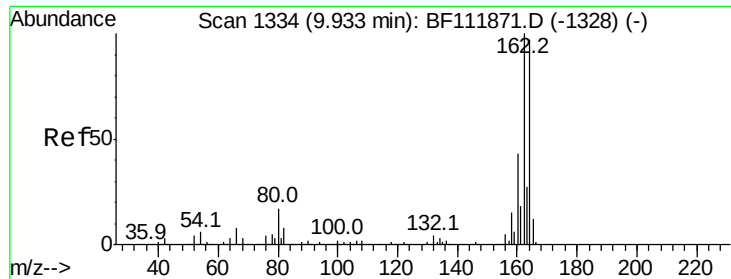


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

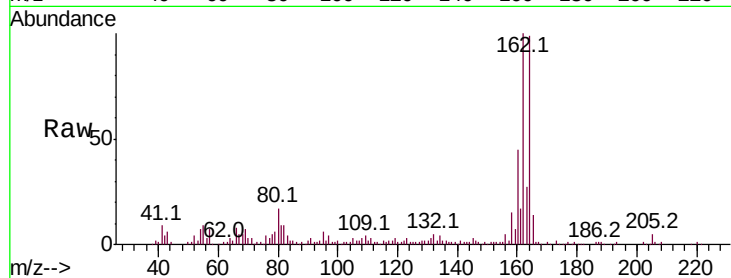




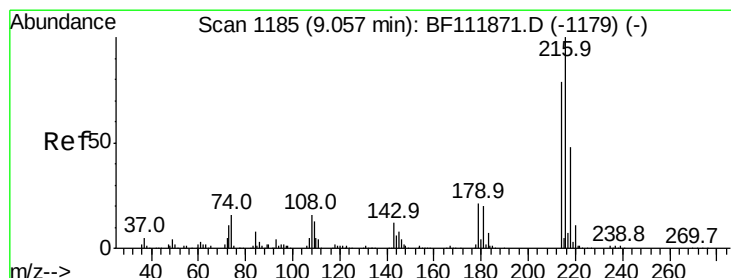
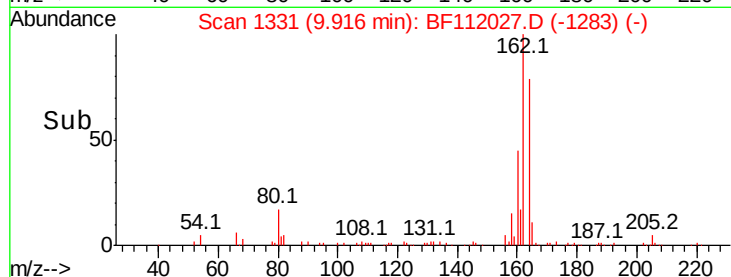
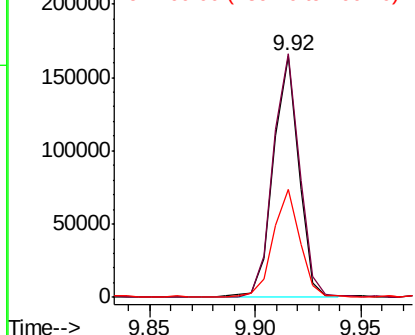
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 136889
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 44.9 35.5 53.3

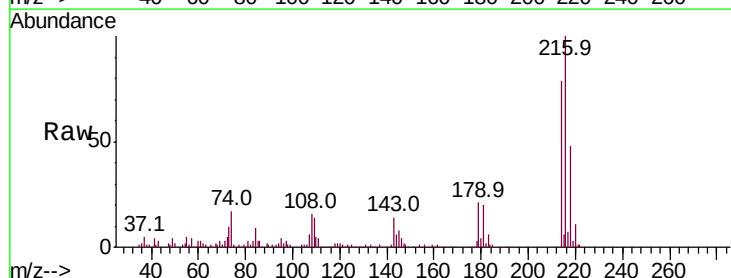


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

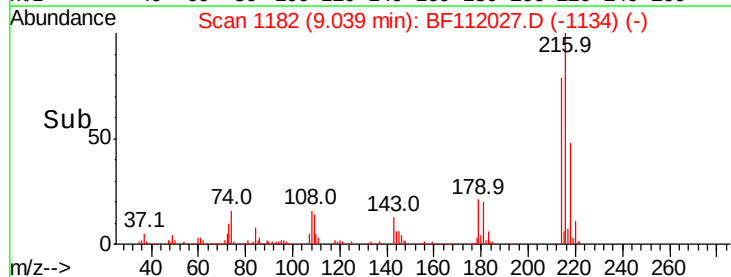
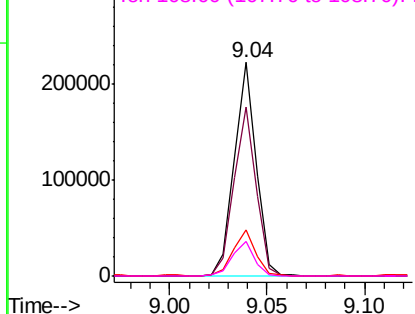


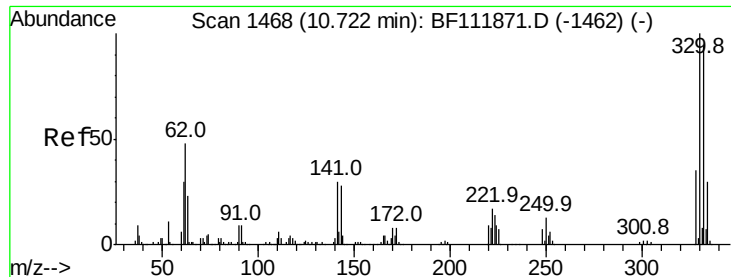
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.666 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion:216 Resp: 173105
Ion Ratio Lower Upper
216 100
214 79.8 63.5 95.3
179 21.3 17.0 25.6
108 16.9 14.6 22.0



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

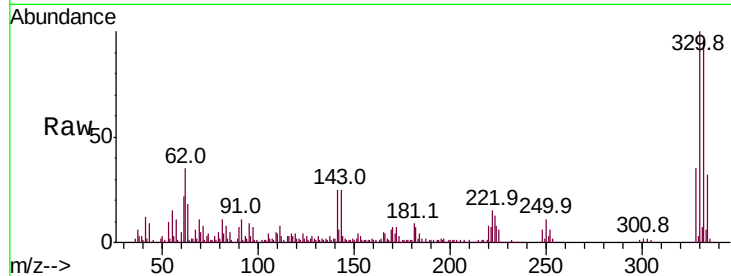




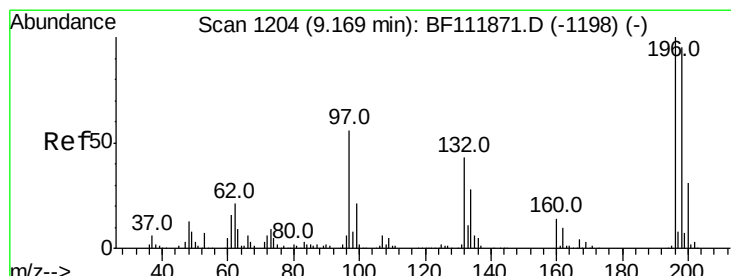
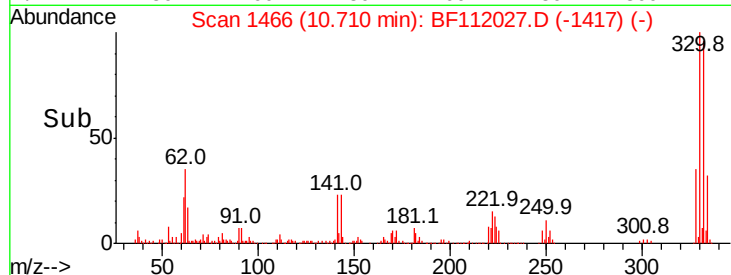
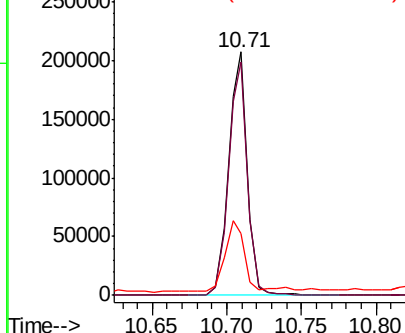
#42
 2,4,6-Tribromophenol
 Concen: 103.343 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 184003
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.9 115.3
 141 29.2 23.7 35.5

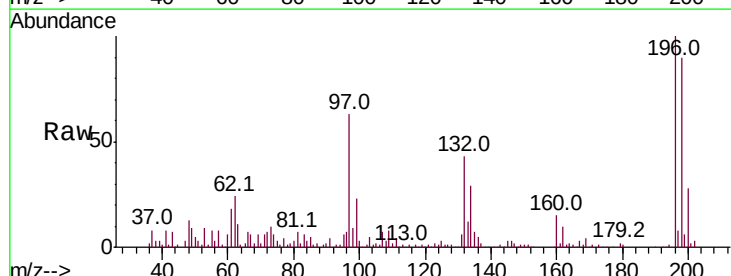


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

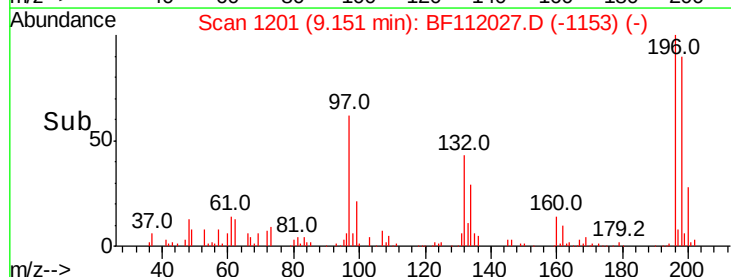
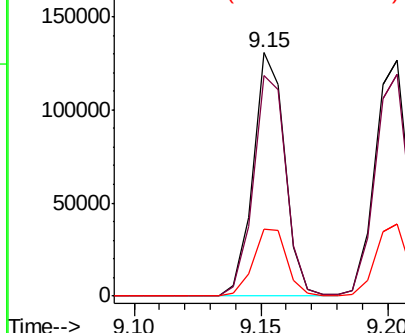


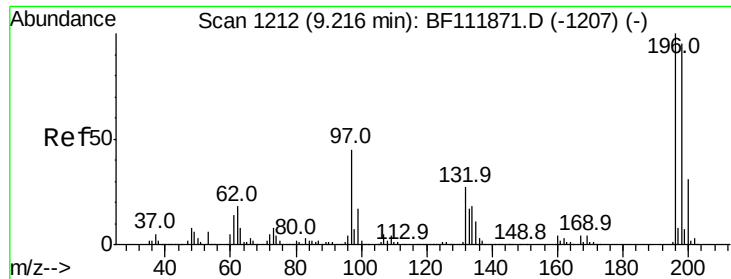
#43
 2,4,6-Trichlorophenol
 Concen: 38.679 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:196 Resp: 114489
 Ion Ratio Lower Upper
 196 100
 198 90.5 75.8 113.8
 200 27.6 24.5 36.7



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

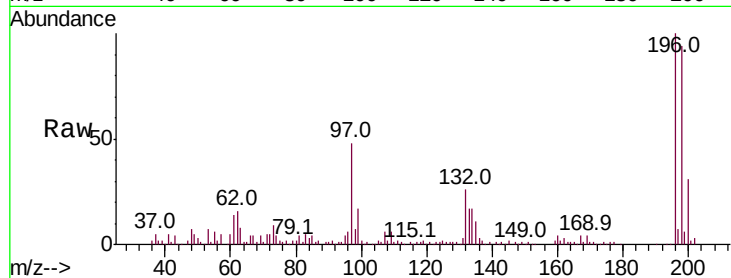




#44
 2,4,5-Trichlorophenol
 Concen: 37.431 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	116083
Ion Ratio	100	Lower	Upper
196	100		
198	94.0	76.2	114.2
97	48.3	36.4	54.6
132	26.0	21.7	32.5



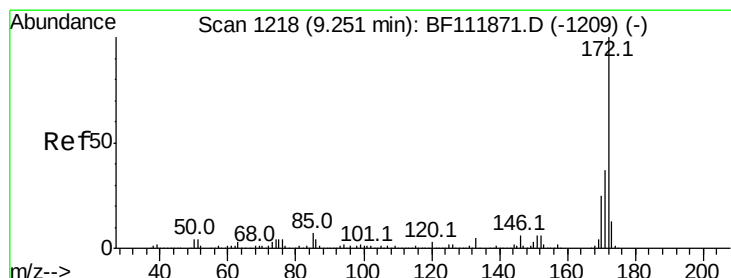
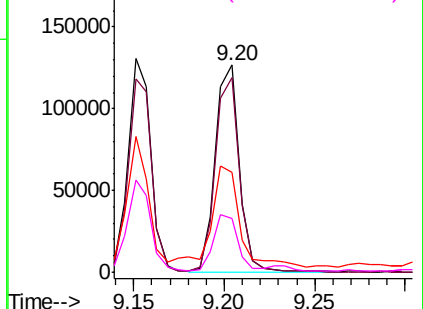
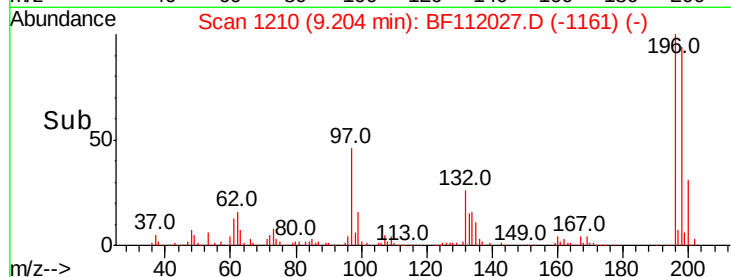
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

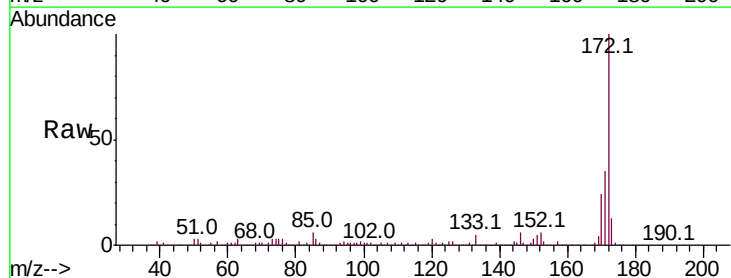
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.562 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	172	Resp	746888
Ion Ratio	100	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.8	19.8	29.8

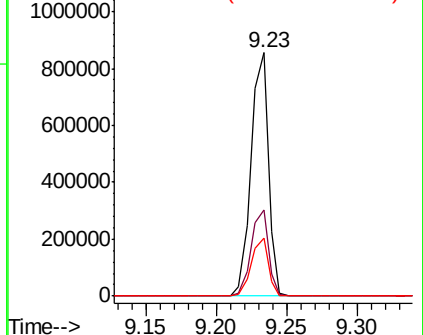
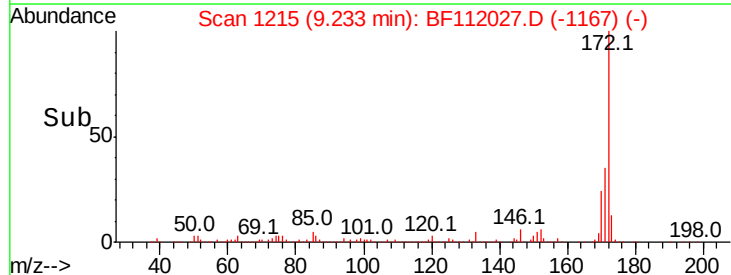


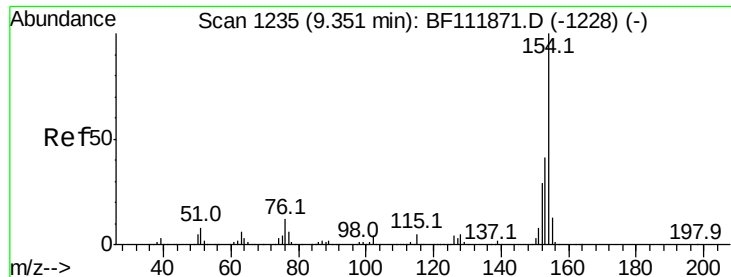
Abundance

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

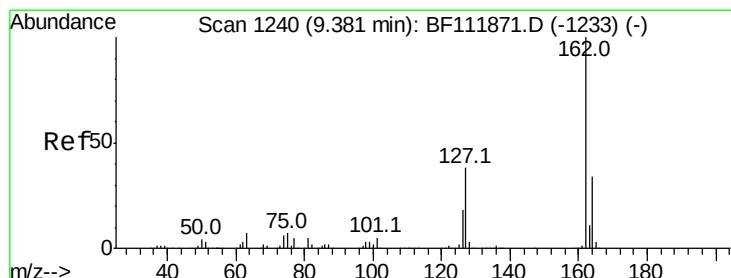
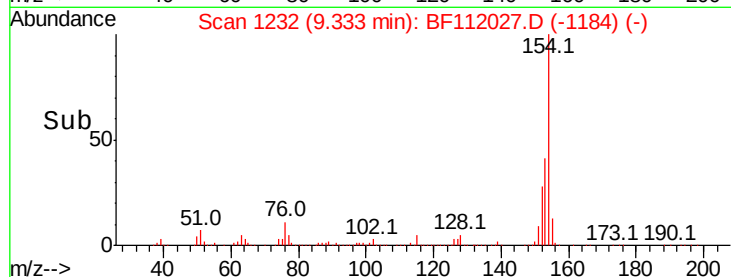
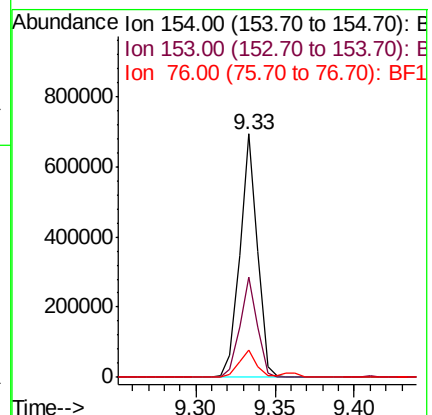
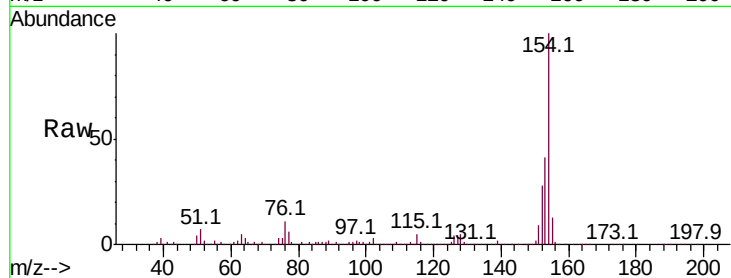




#46
 1,1'-Biphenyl
 Concen: 46.581 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

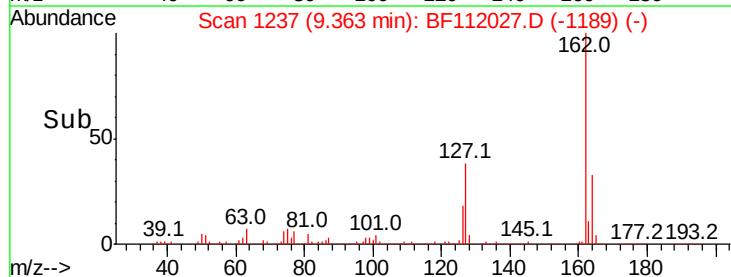
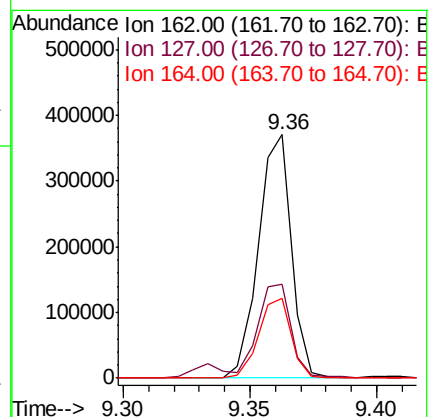
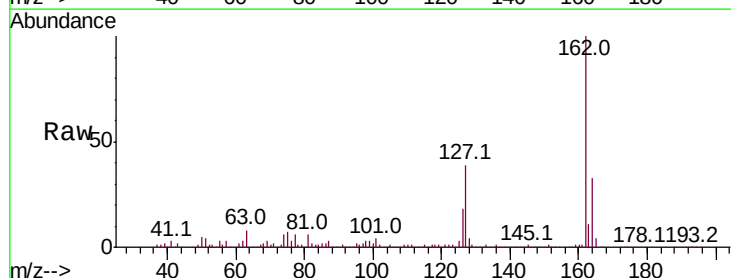
Instrument :
 BNA_F
 ClientSampleId :

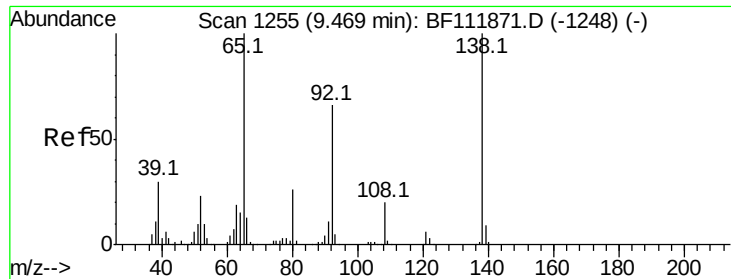
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	11.3	0.0	32.3



#47
 2-Chloronaphthalene
 Concen: 37.424 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.2	46.8
164	32.8	27.0	40.6

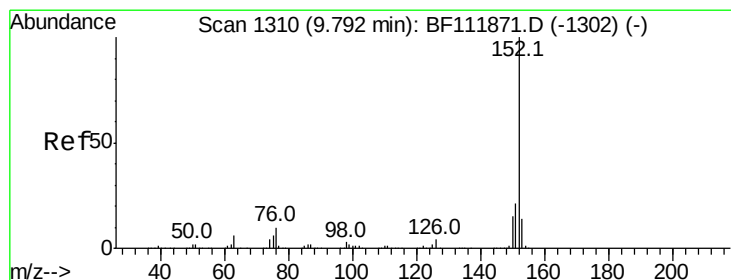
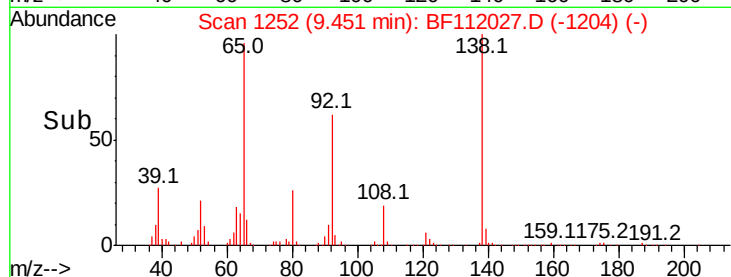
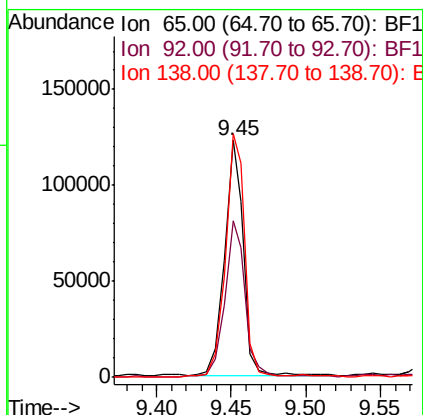
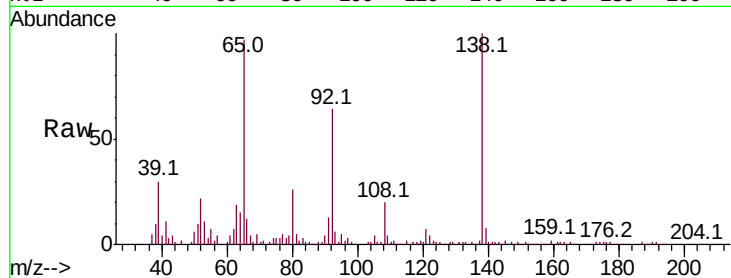




#48
2-Nitroaniline
Concen: 39.589 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

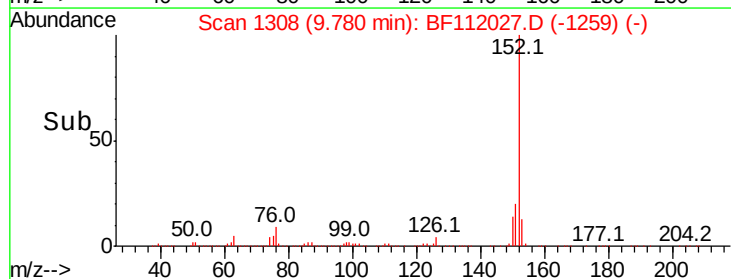
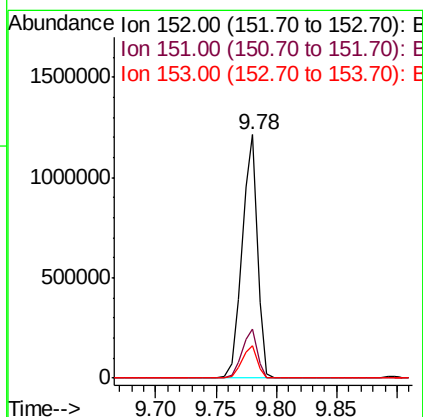
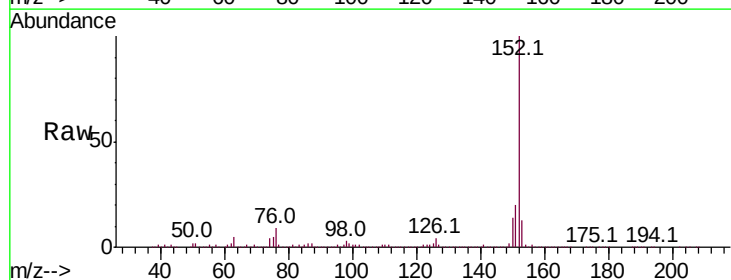
Instrument :
BNA_F
ClientSampleId :

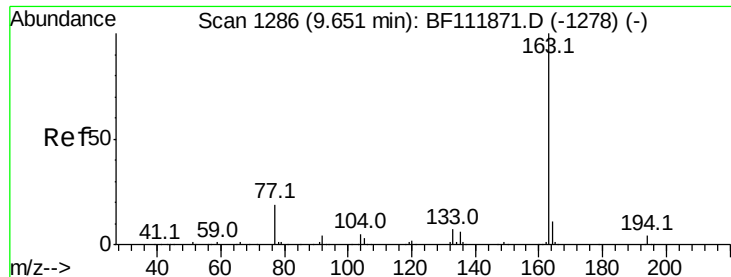
Tot Ion: 65 Resp: 108774
Ion Ratio Lower Upper
65 100
92 66.1 52.5 78.7
138 102.7 79.8 119.6



#49
Acenaphthylene
Concen: 81.227 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion: 152 Resp: 1079211
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 13.2 11.0 16.4

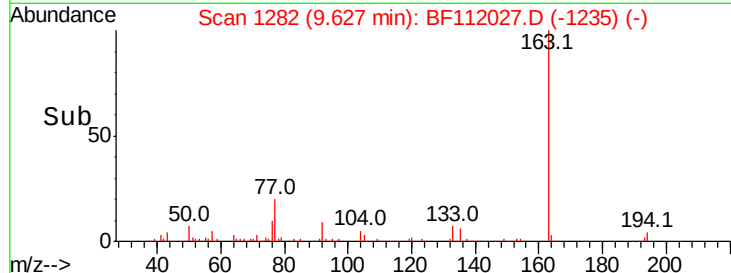
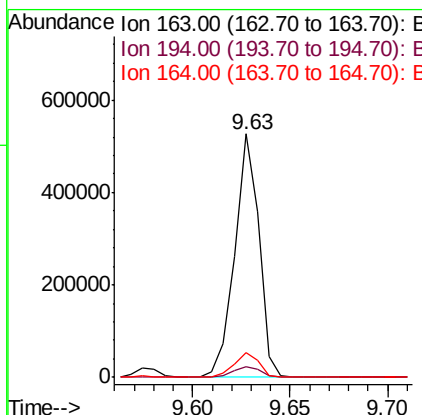
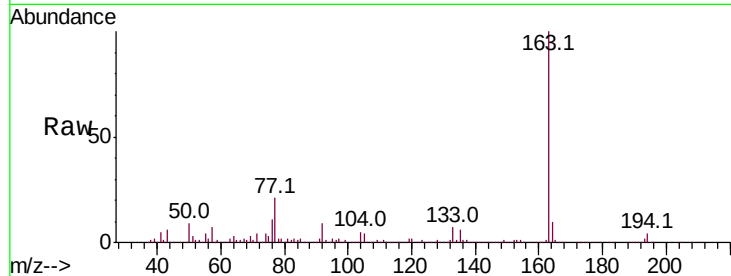




#50
Dimethylphthalate
Concen: 43.828 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

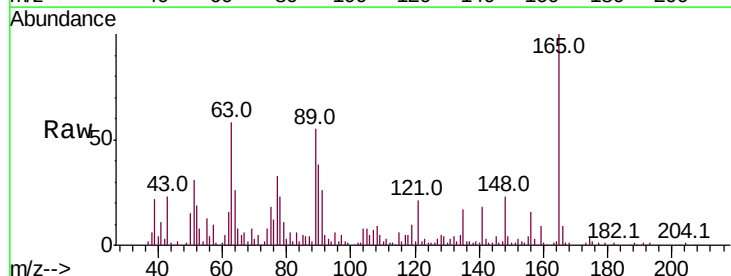
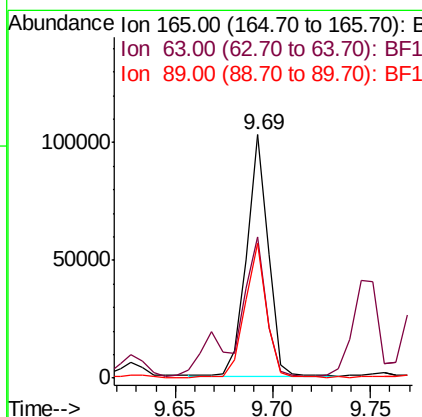
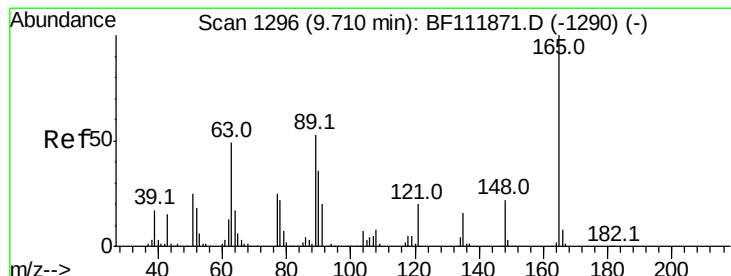
Instrument :
BNA_F
ClientSampleId :

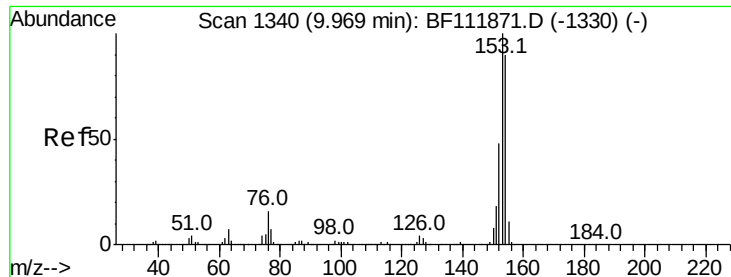
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	8.5	12.7



#51
2,6-Dinitrotoluene
Concen: 34.136 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.1	46.2	69.2
89	55.5	42.2	63.2





#52

Acenaphthene

Concen: 48.781 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

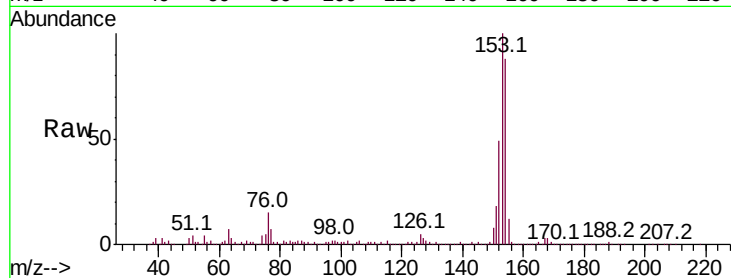
Tot Ion:154 Resp: 417821

Ion Ratio Lower Upper

154 100

153 113.0 89.4 134.0

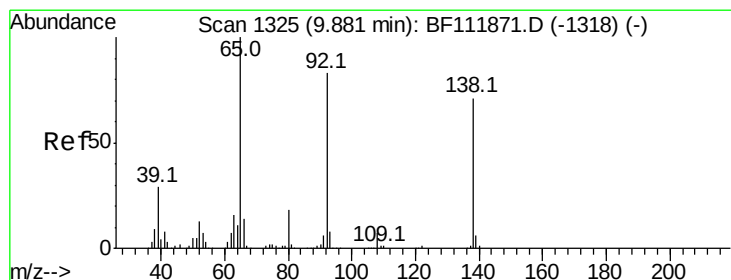
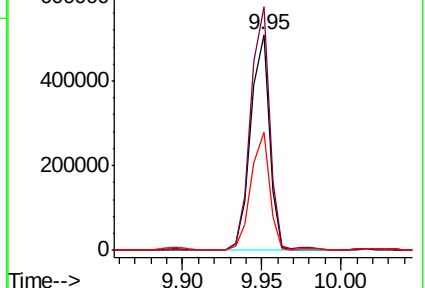
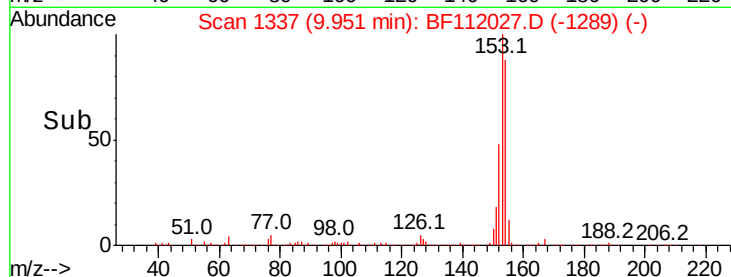
152 54.8 43.1 64.7



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



#53

3-Nitroaniline

Concen: 28.281 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

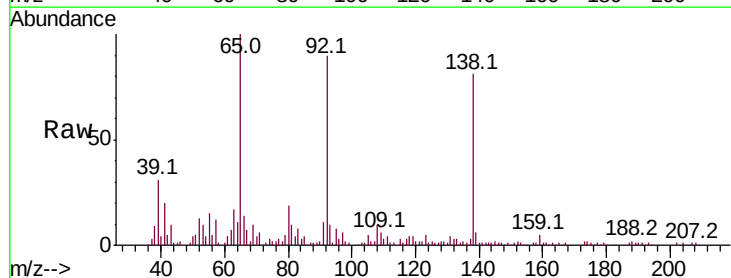
Tgt Ion:138 Resp: 69645

Ion Ratio Lower Upper

138 100

108 12.1 8.2 12.4

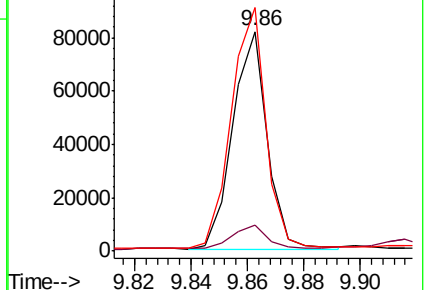
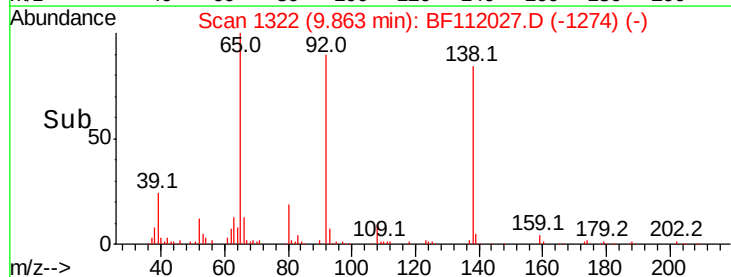
92 110.8 93.5 140.3

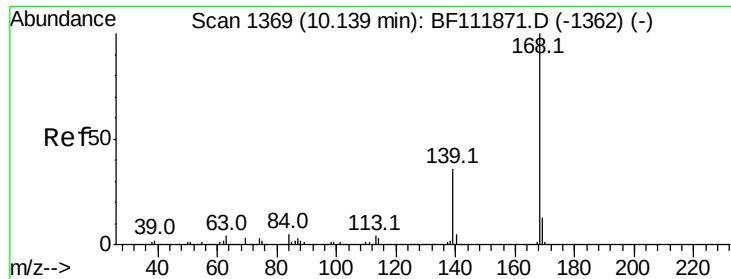


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

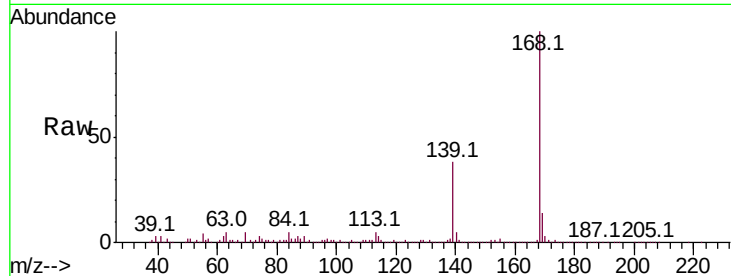




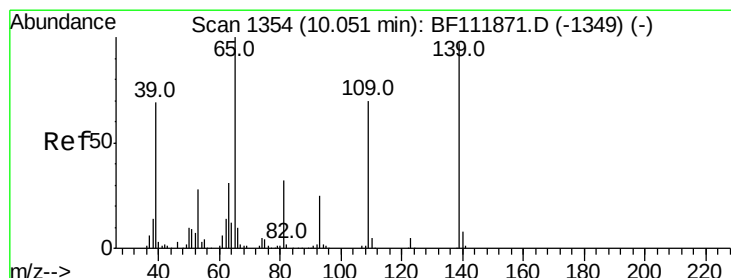
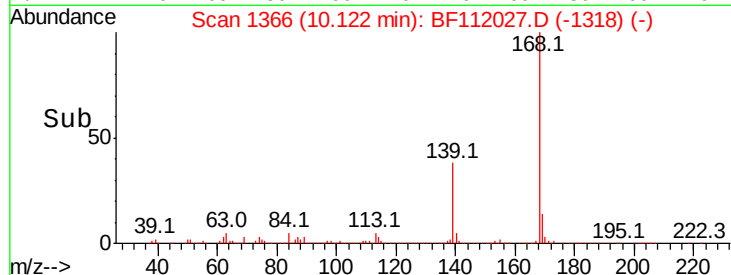
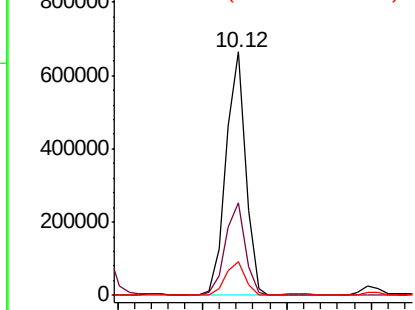
#55
Dibenzofuran
Concen: 43.121 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.3	43.9
169	13.7	10.6	16.0

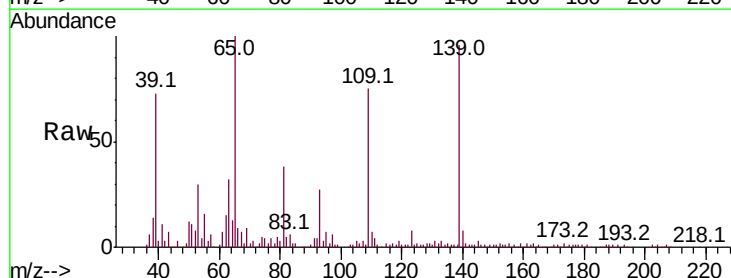


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

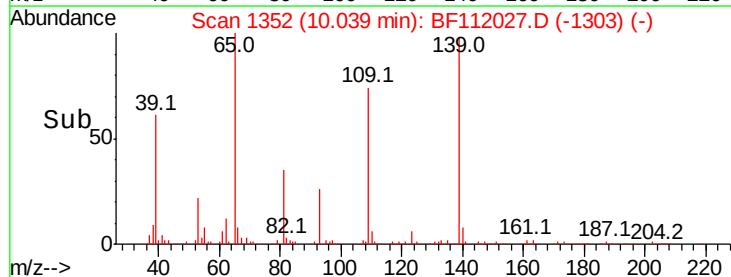
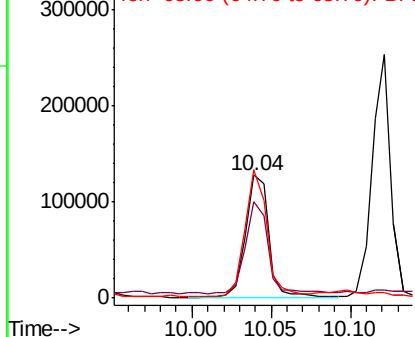


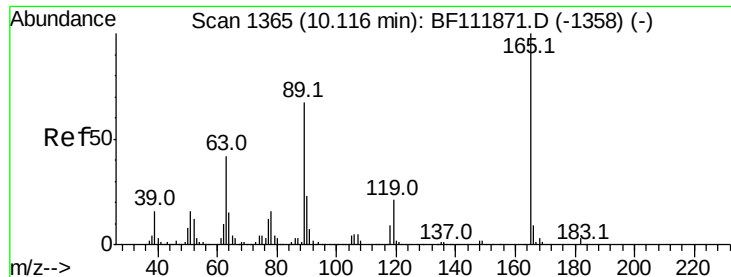
#56
4-Nitrophenol
Concen: 73.885 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.4	52.2	92.2
65	104.3	83.1	123.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 35.403 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BF112027.D

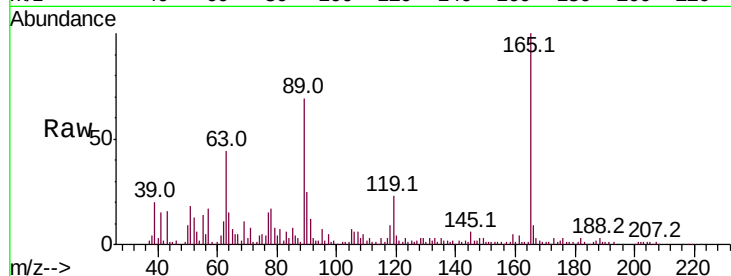
Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	105196
Ion Ratio	Lower	Upper
165	100	
63	44.3	34.1 51.1
89	68.7	53.5 80.3
182	3.3	2.0 3.0#

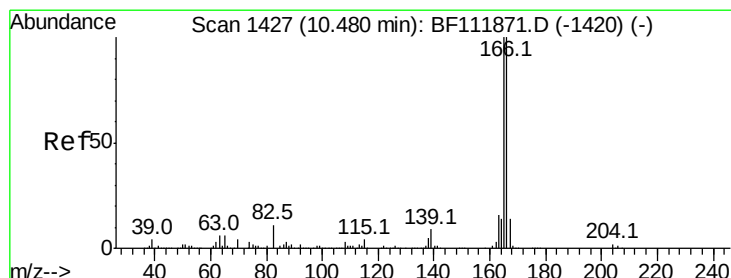
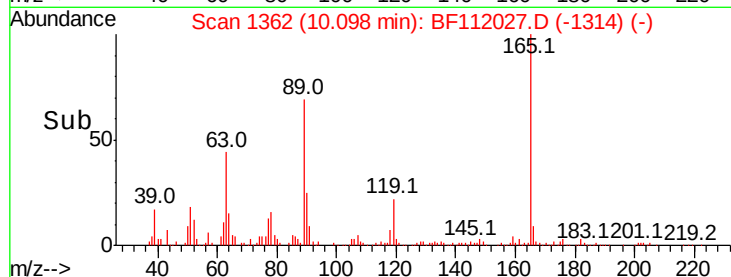
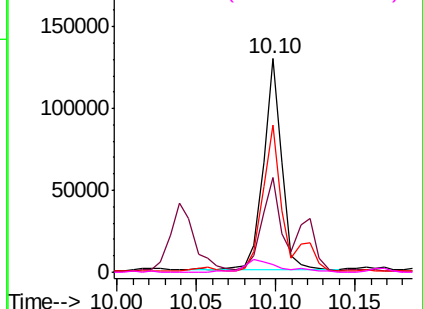


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 65.695 ng

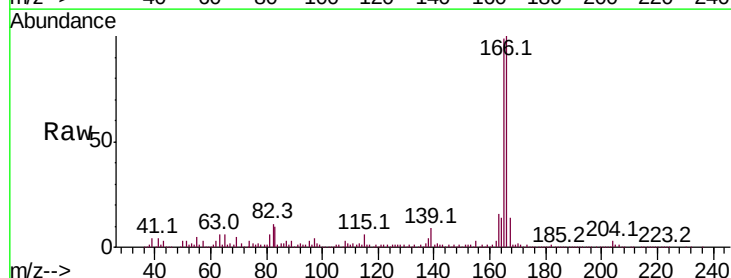
RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

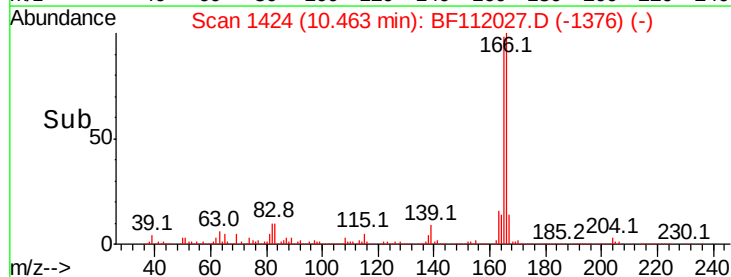
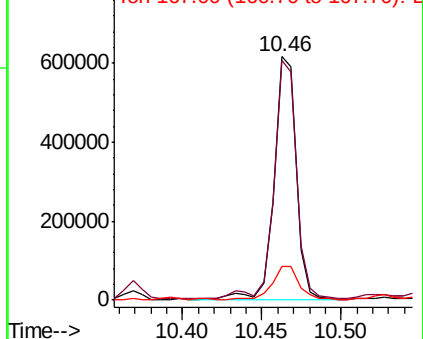
Tgt Ion:166	Resp:	595463
Ion Ratio	Lower	Upper
166	100	
165	98.6	79.7 119.5
167	14.0	11.1 16.7

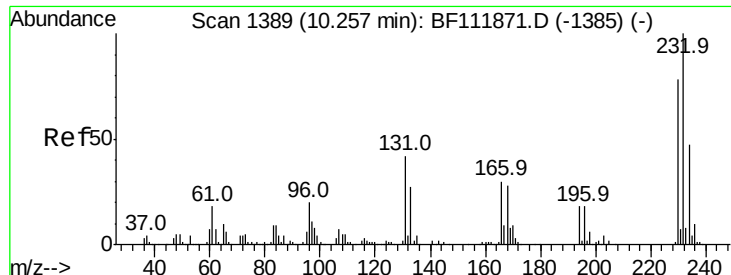


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

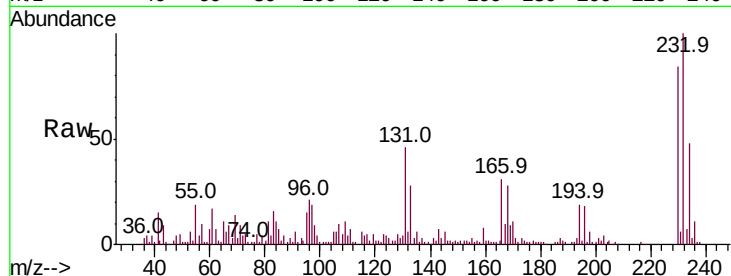




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.149 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	34.0	51.0
130	4.0	1.6	2.4
166	29.8	23.4	35.0



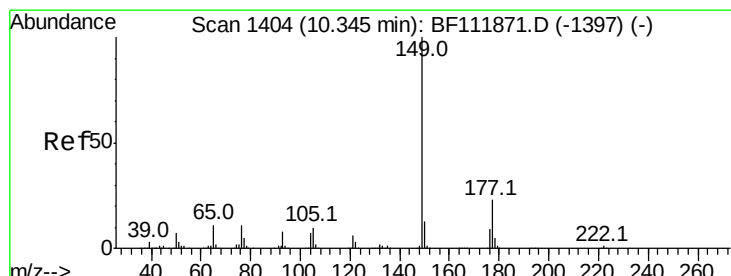
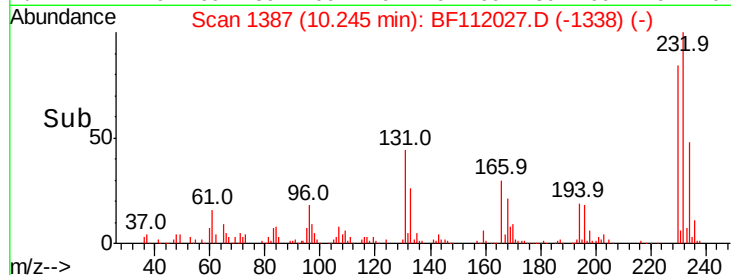
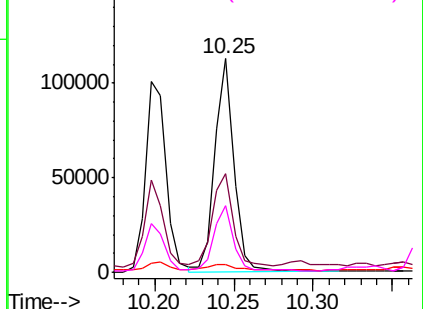
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

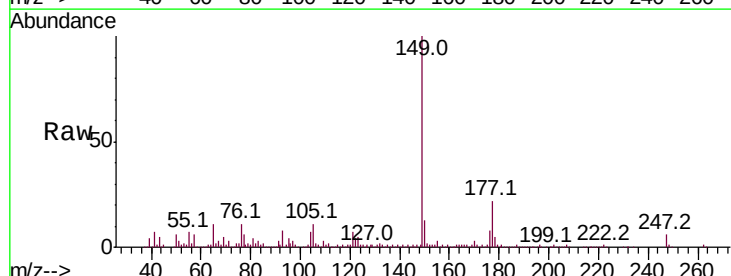
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.292 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	12.9	10.2	15.4

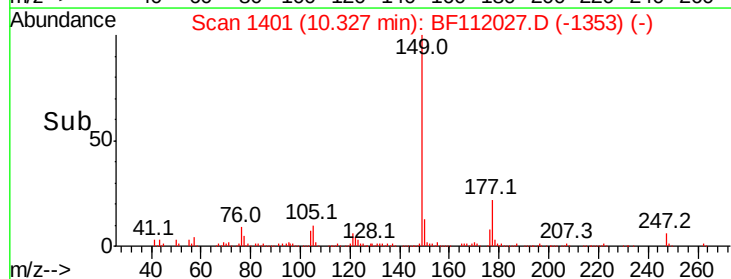
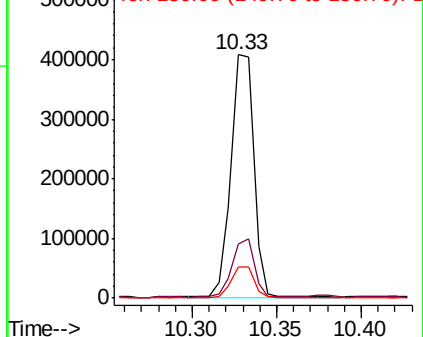


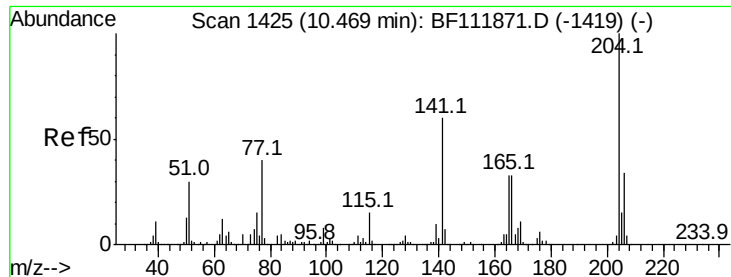
Abundance

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

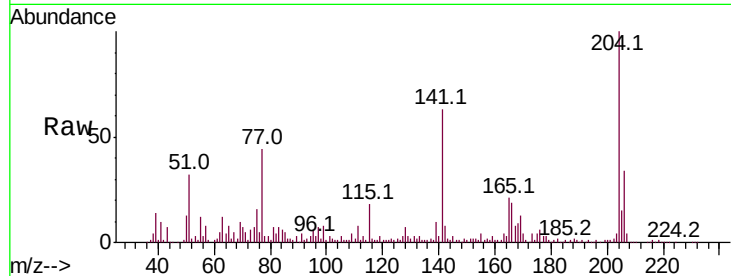




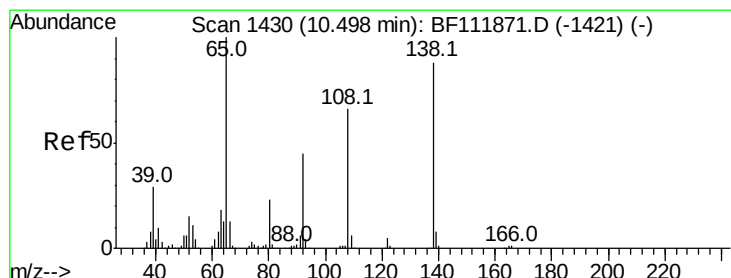
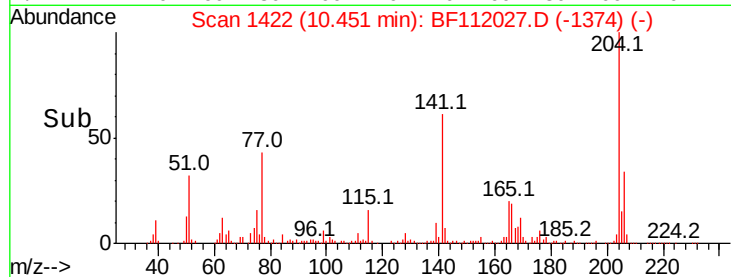
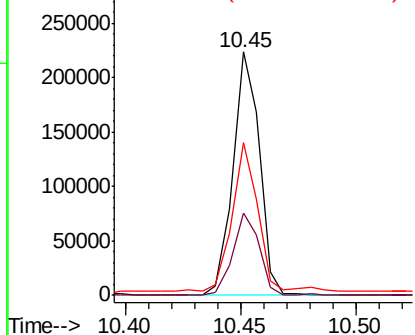
#61
 4-Chlorophenyl-phenylether
 Concen: 35.247 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 179152
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.9 40.3
 141 62.8 47.9 71.9

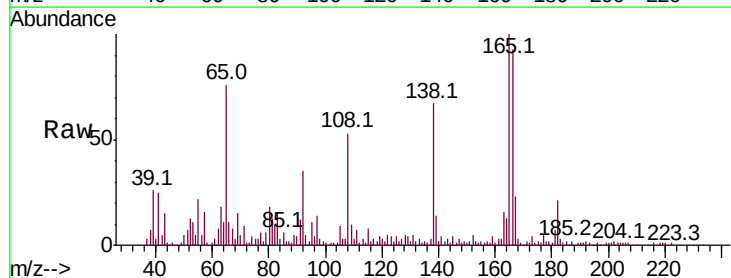


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

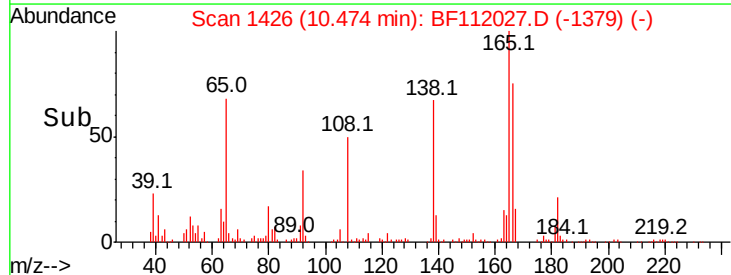
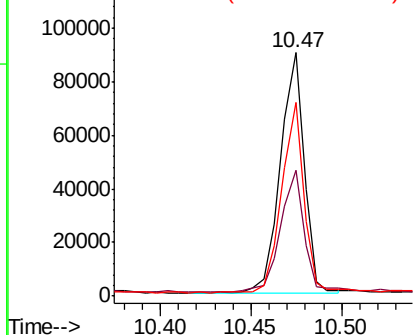


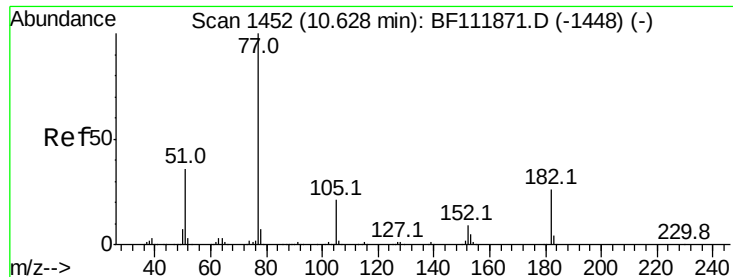
#62
 4-Nitroaniline
 Concen: 35.581 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:138 Resp: 83108
 Ion Ratio Lower Upper
 138 100
 92 51.9 31.0 71.0
 108 79.4 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.141 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 334071

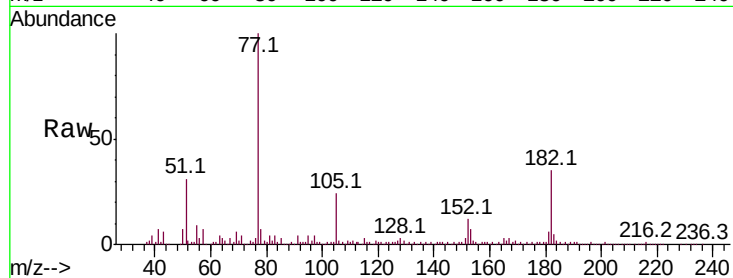
Ion Ratio Lower Upper

77 100

182 35.2 5.7 45.7

105 23.7 0.8 40.8

51 31.0 15.6 55.6

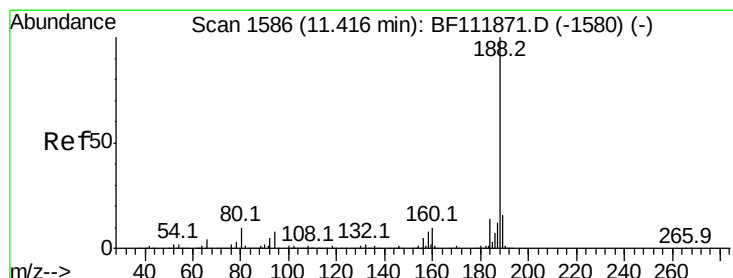
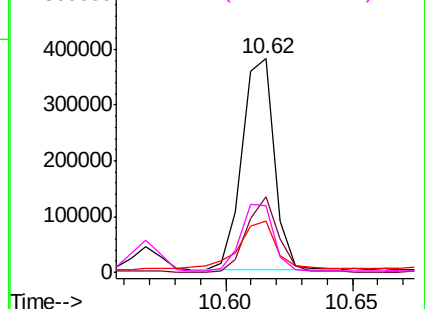
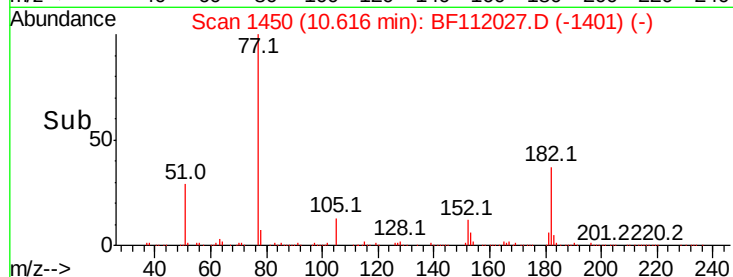


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

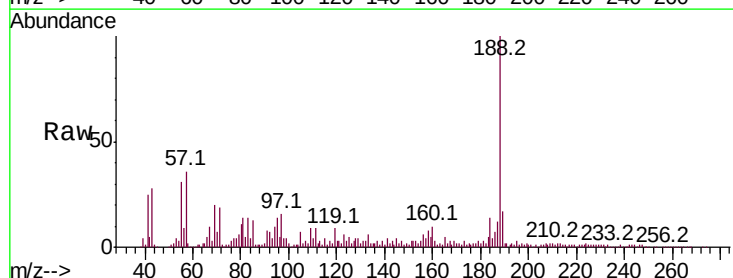
Tgt Ion: 188 Resp: 254632

Ion Ratio Lower Upper

188 100

94 10.5 6.6 10.0#

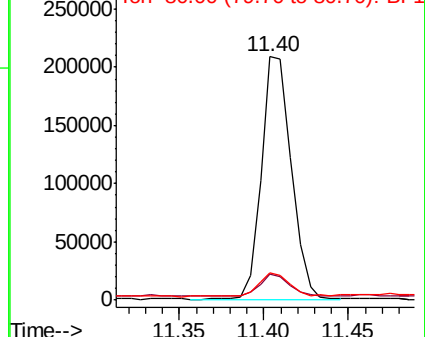
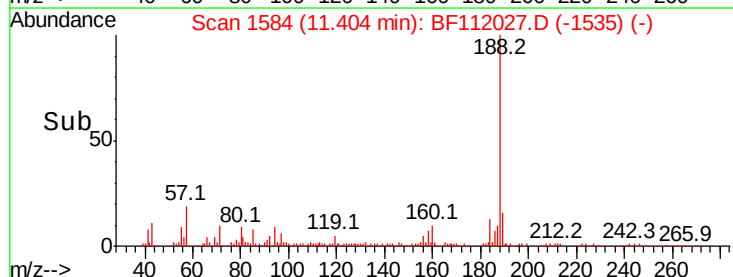
80 11.0 7.7 11.5

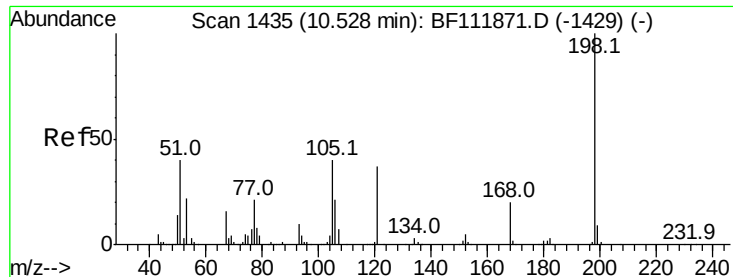


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 2.091 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampled :

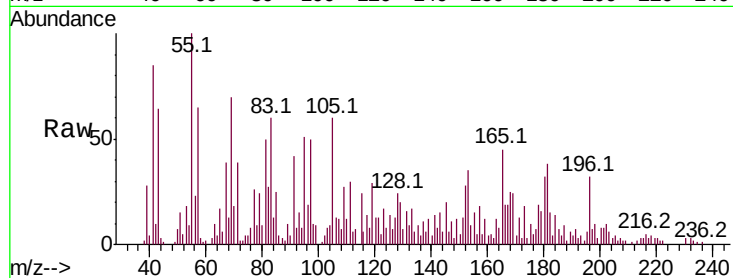
Tot Ion:198 Resp: 3286

Ion Ratio Lower Upper

198 100

51 138.9 27.2 67.2#

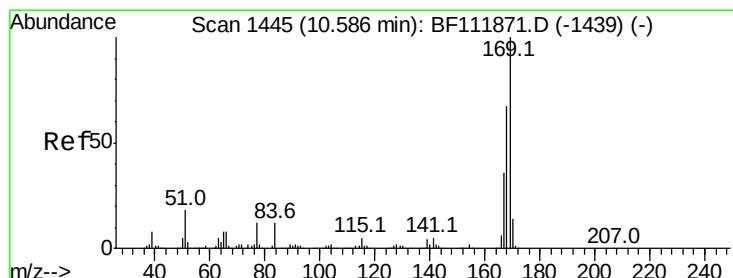
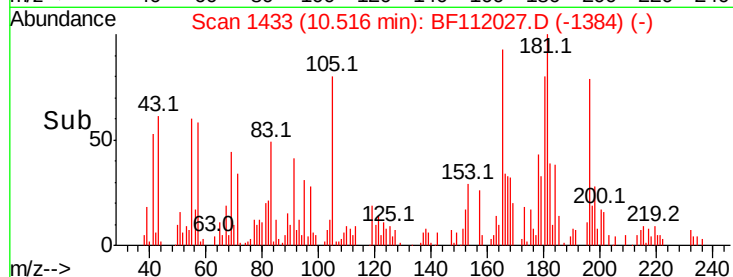
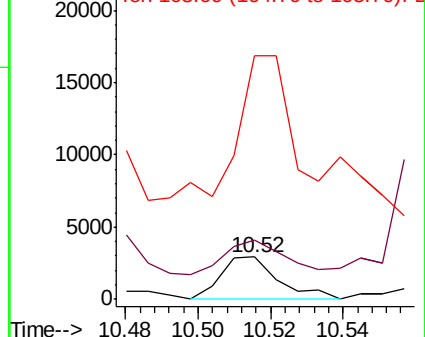
105 575.0 21.0 61.0#



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



#66

n-Nitrosodiphenylamine

Concen: 38.549 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

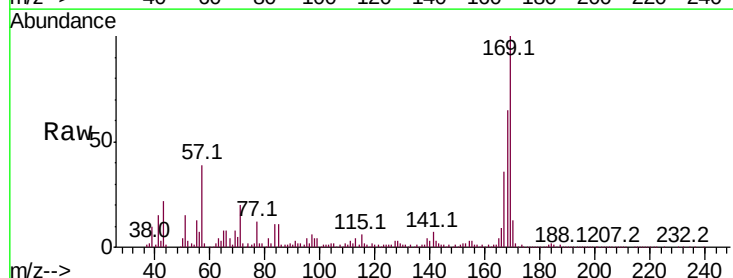
Tgt Ion:169 Resp: 329400

Ion Ratio Lower Upper

169 100

168 64.8 53.8 80.6

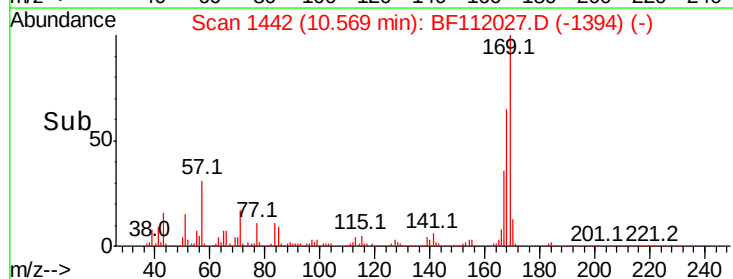
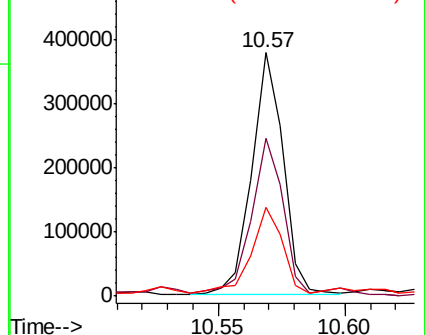
167 36.2 29.1 43.7

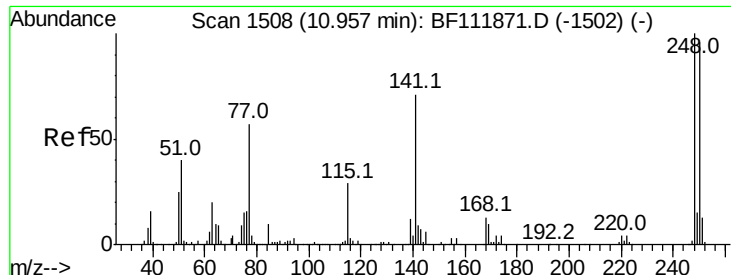


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

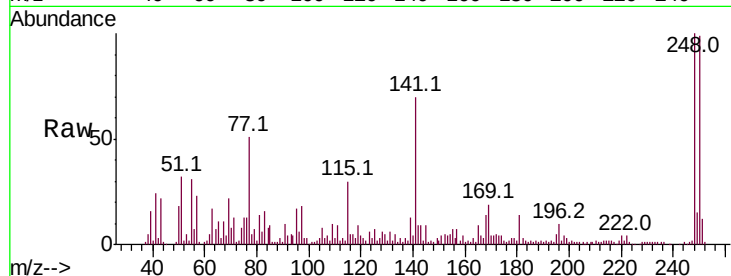




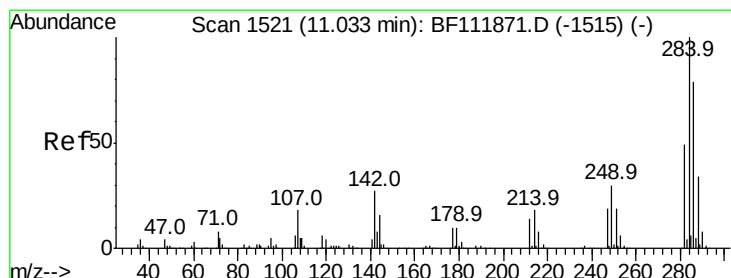
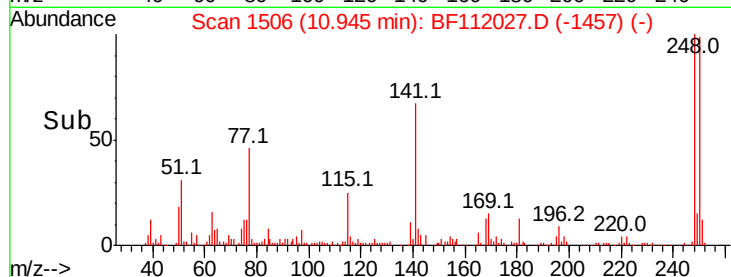
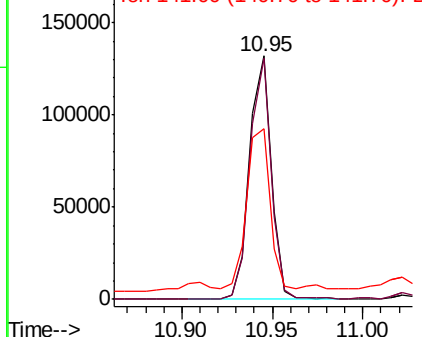
#67
 4-Bromophenyl-phenylether
 Concen: 33.434 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 110269
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 70.2 57.0 85.6

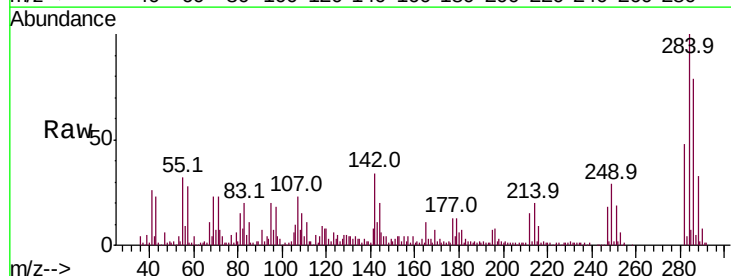


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

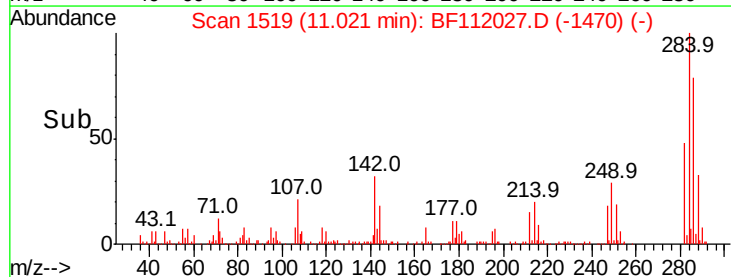
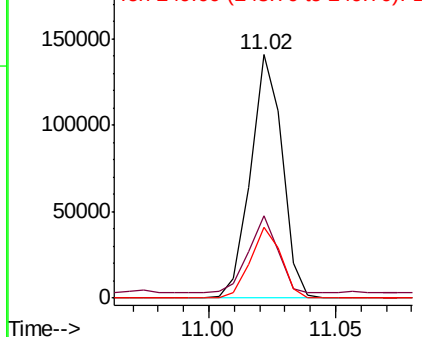


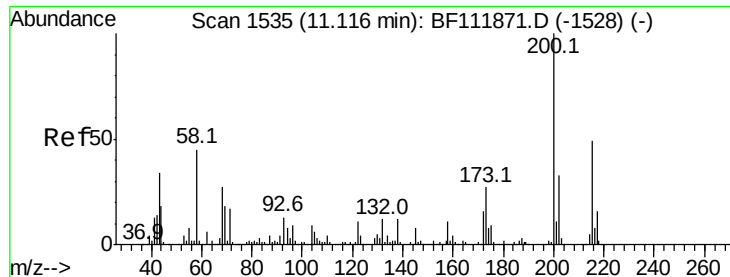
#68
 Hexachlorobenzene
 Concen: 33.436 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:284 Resp: 122214
 Ion Ratio Lower Upper
 284 100
 142 34.0 21.8 32.6#
 249 29.2 23.8 35.6



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





#69

Atrazine

Concen: 36.735 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

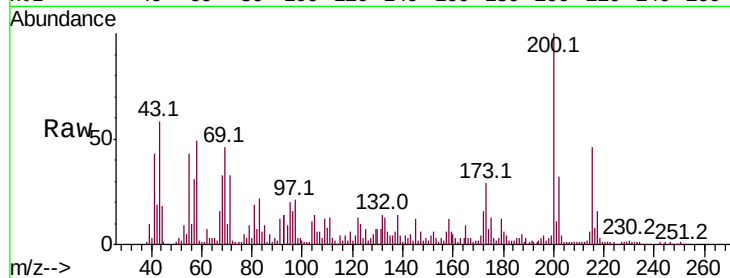
Tot Ion:200 Resp: 110287

Ion Ratio Lower Upper

200 100

173 28.7 6.6 46.6

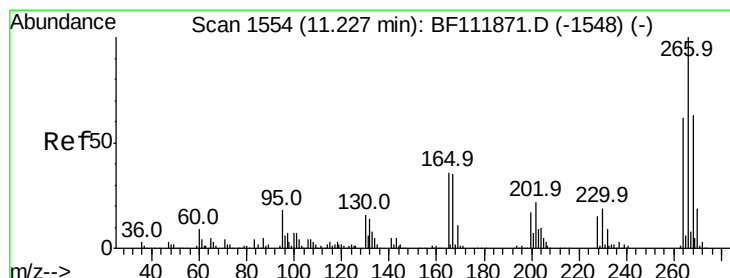
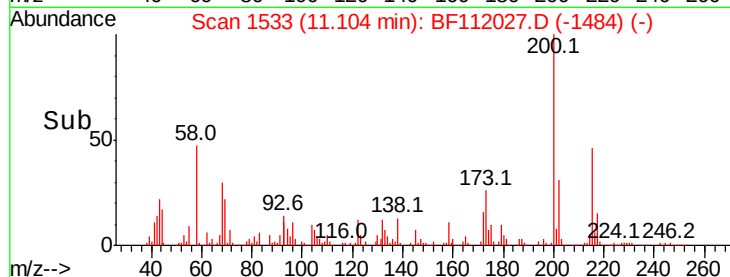
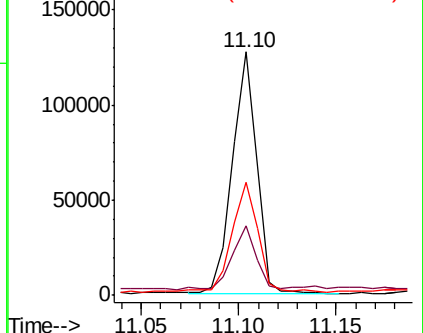
215 46.5 28.9 68.9



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



#70

Pentachlorophenol

Concen: 54.320 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

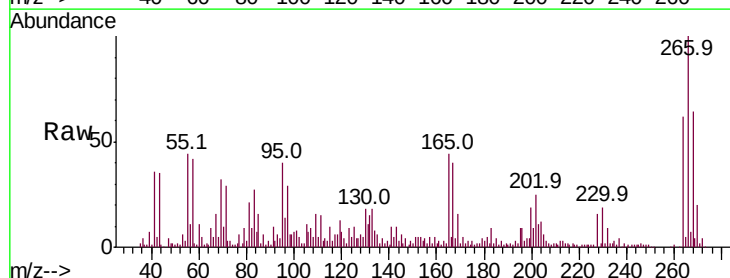
Tgt Ion:266 Resp: 112982

Ion Ratio Lower Upper

266 100

268 64.5 50.6 76.0

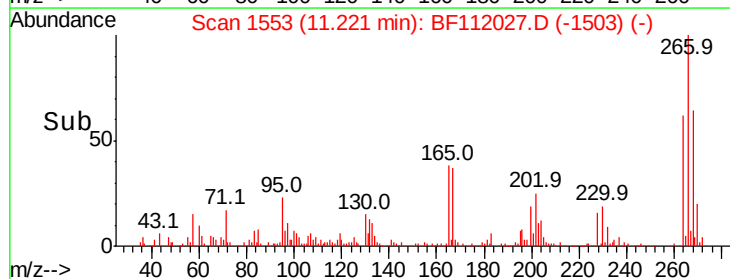
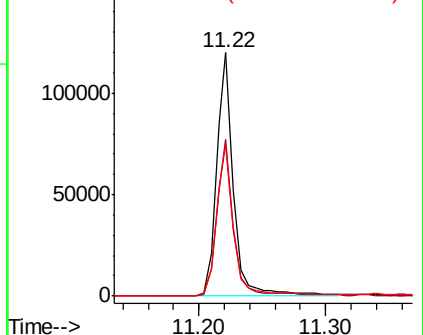
264 62.4 49.3 73.9

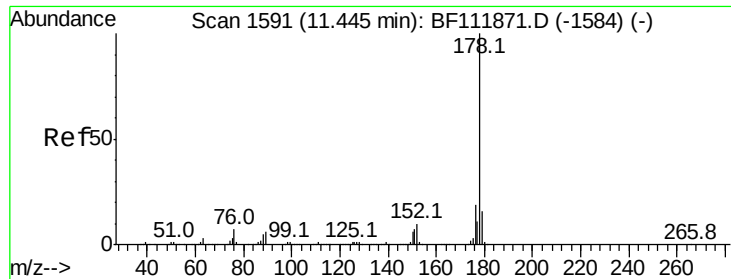


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 219.779 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

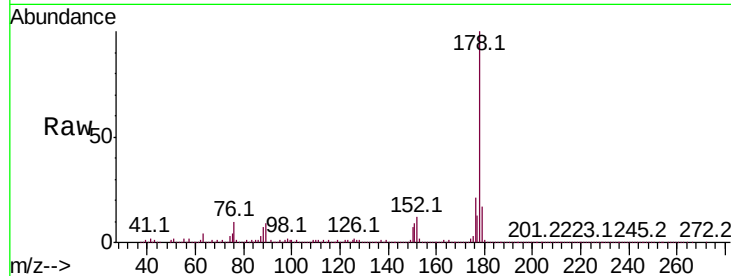
Tot Ion:178 Resp: 2992037

Ion Ratio Lower Upper

178 100

176 21.0 15.6 23.4

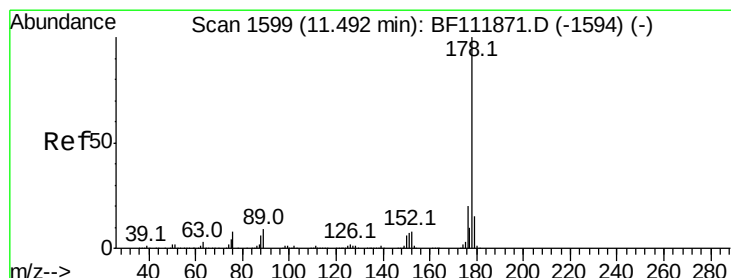
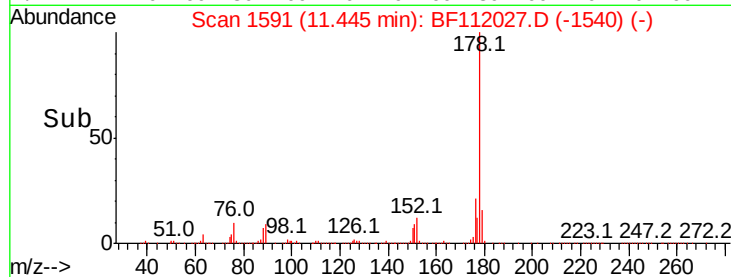
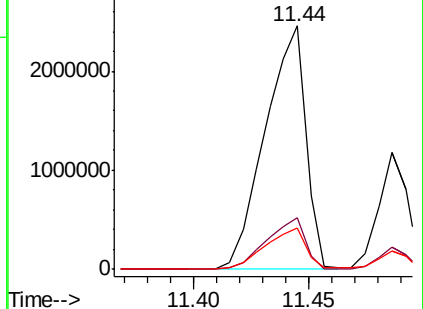
179 16.8 12.6 18.8



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



#72

Anthracene

Concen: 73.086 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

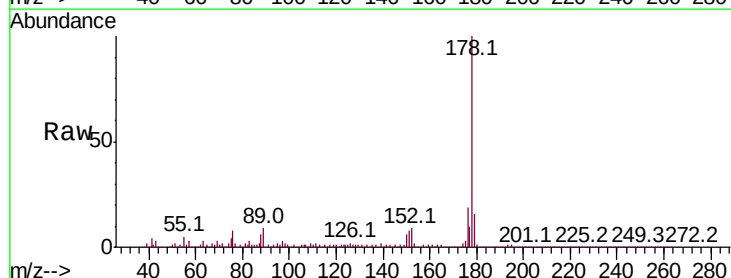
Tgt Ion:178 Resp: 1010051

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

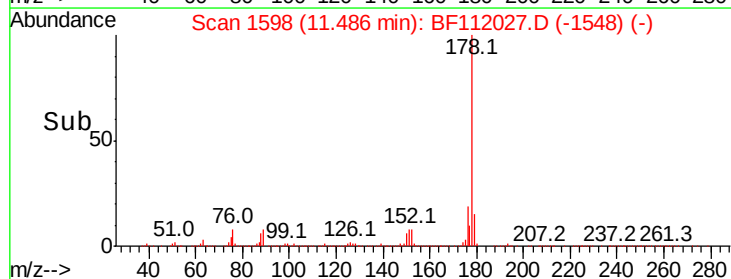
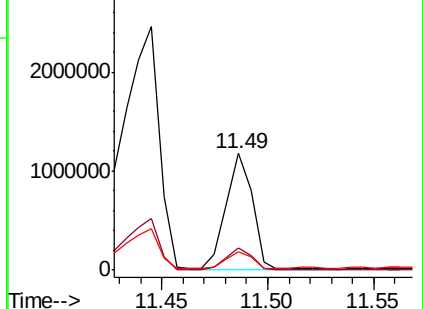
179 15.6 12.4 18.6

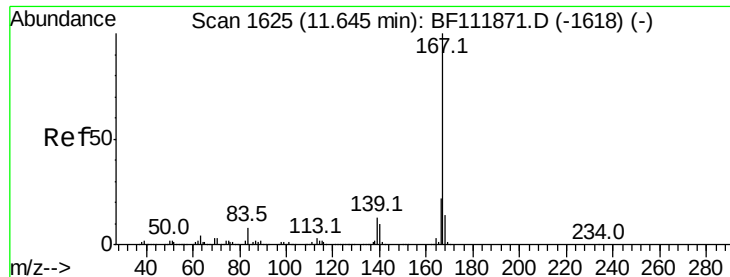


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

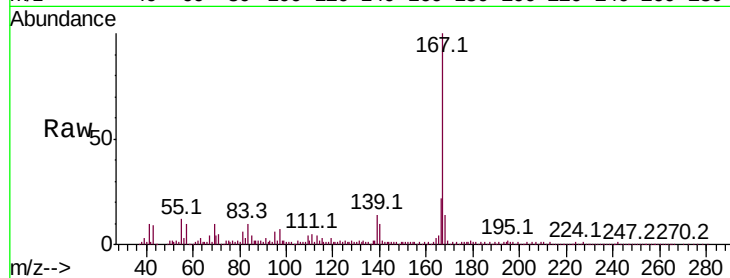




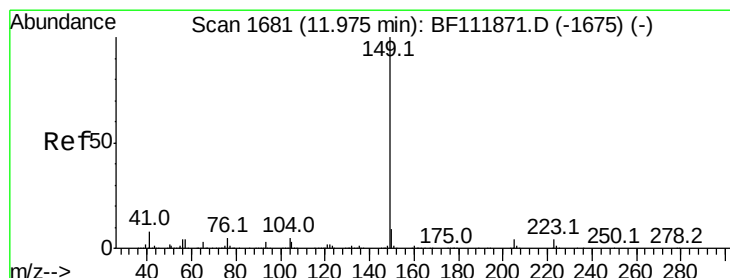
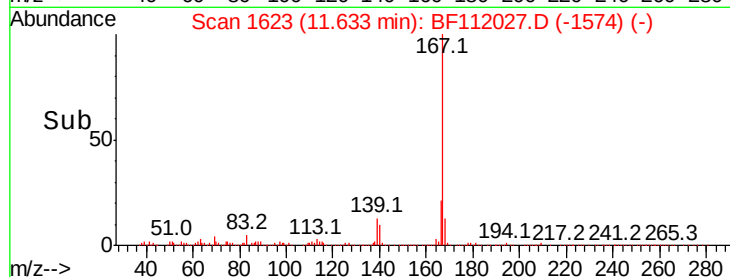
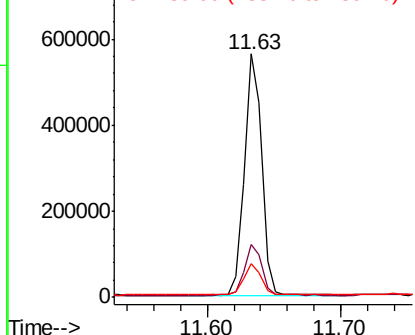
#73
 Carbazole
 Concen: 37.488 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 503954
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 13.8 10.6 16.0

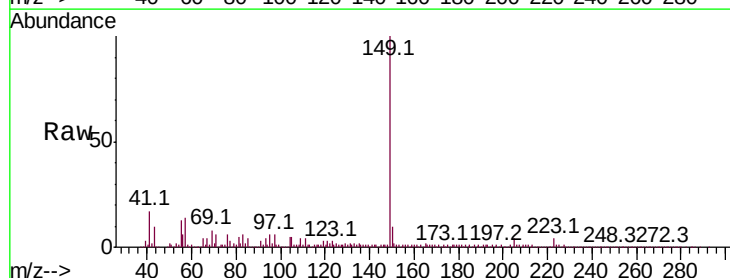


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

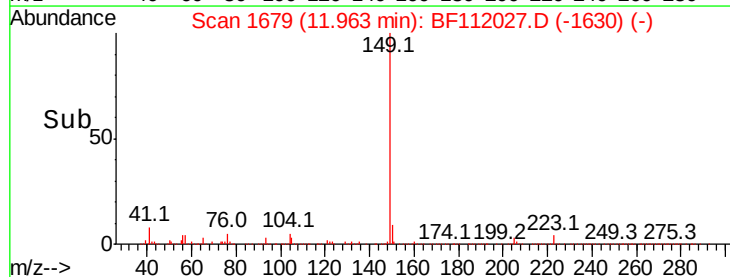
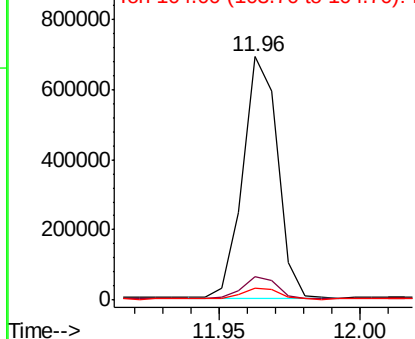


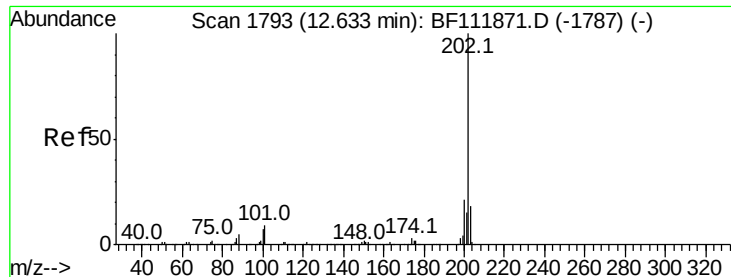
#74
 Di-n-butylphthalate
 Concen: 37.485 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:149 Resp: 585322
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.1 3.9 5.9



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





#75

Fluoranthene

Concen: 174.153 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

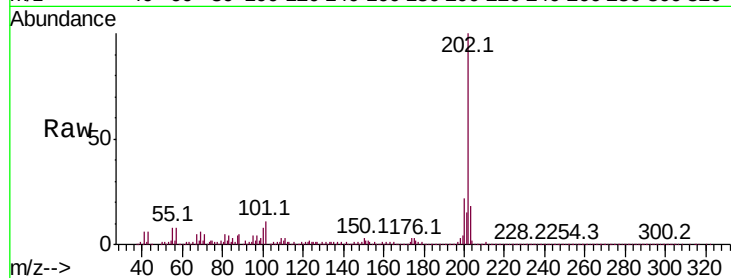
Tot Ion:202 Resp: 2433940

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.3

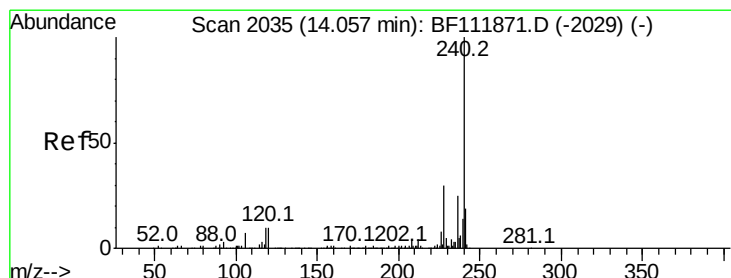
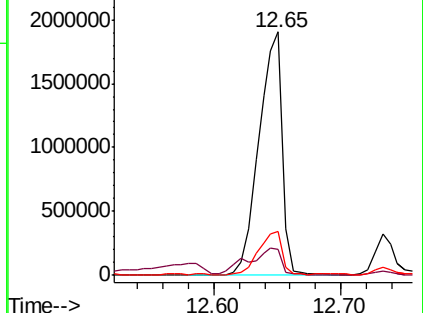
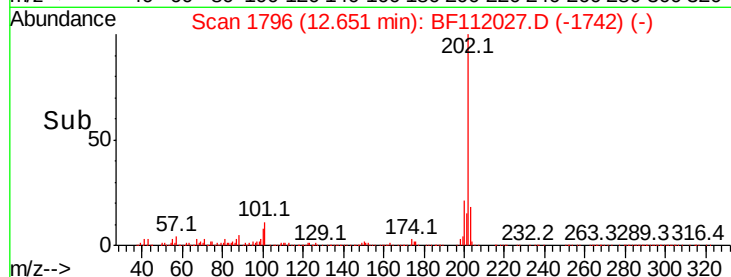
203 18.1 0.0 37.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

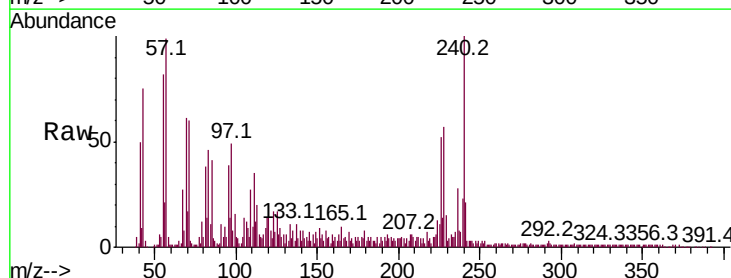
Tgt Ion:240 Resp: 179579

Ion Ratio Lower Upper

240 100

120 13.6 8.2 12.2#

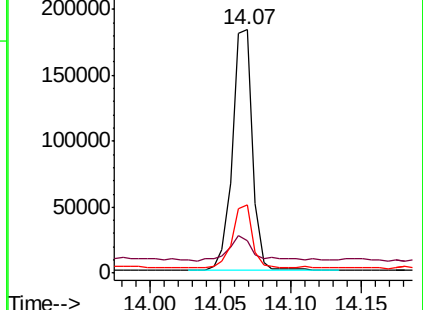
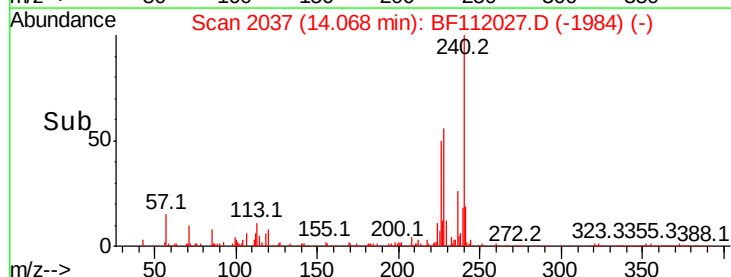
236 28.0 20.2 30.4

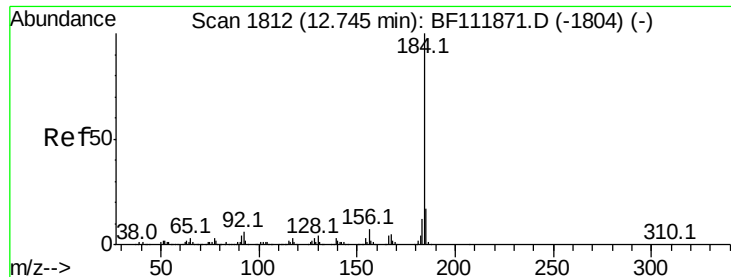


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.838 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.04 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

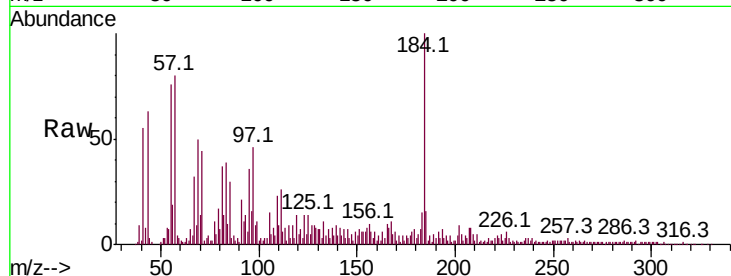
Tot Ion:184 Resp: 149375

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.4	20.0
183	15.4	9.6	14.4

184 100

185 16.5 13.4 20.0

183 15.4 9.6 14.4

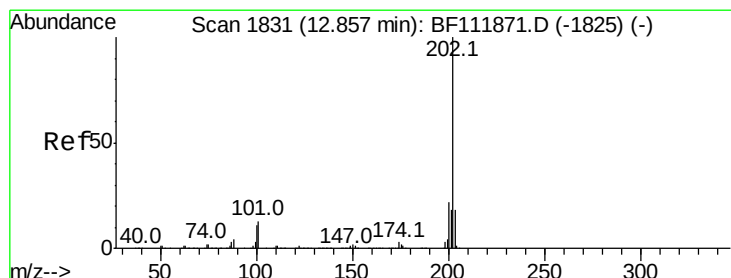
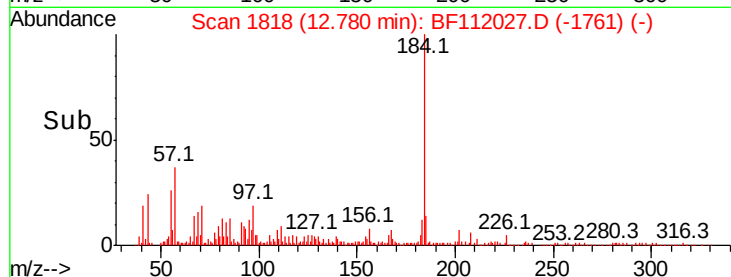
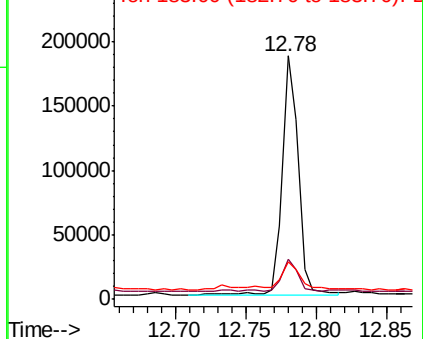


Abundance

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



#78

Pyrene

Concen: 254.195 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

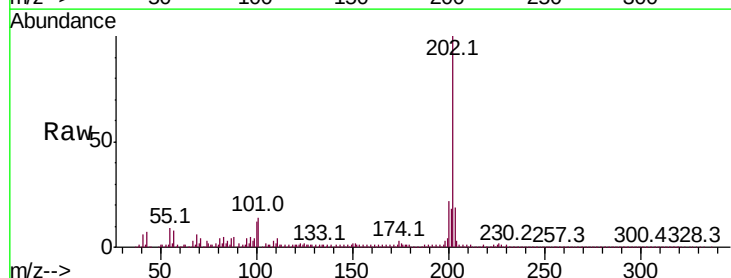
Tgt Ion:202 Resp: 3140873

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	19.0	14.6	21.8

202 100

200 21.9 17.4 26.2

203 19.0 14.6 21.8

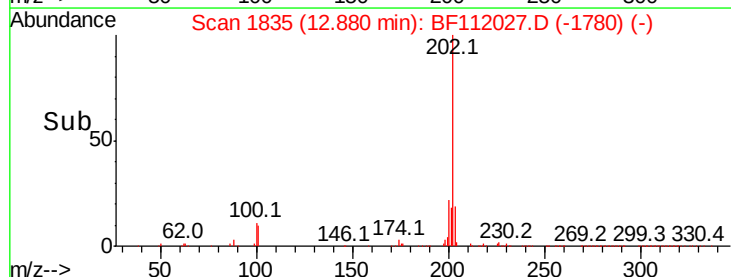
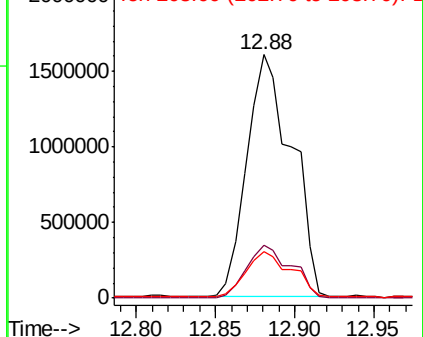


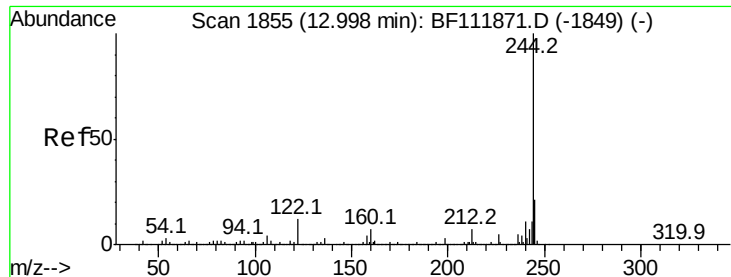
Abundance

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





#79

Terphenyl-d14

Concen: 81.365 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampled :

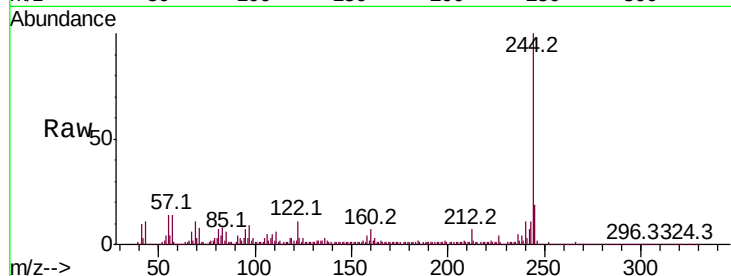
Tot Ion:244 Resp: 769747

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

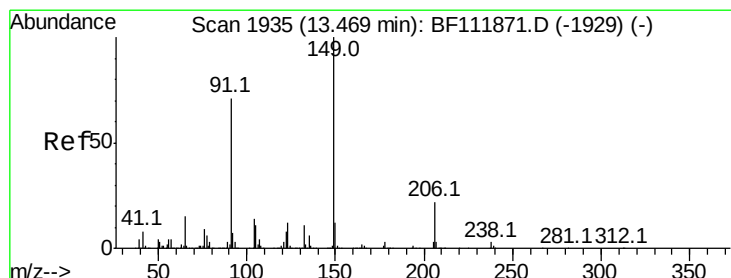
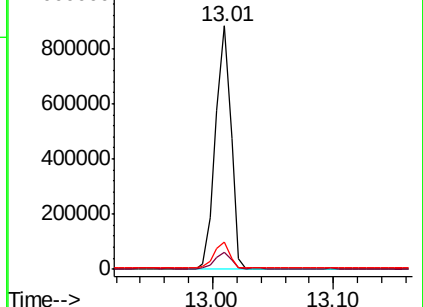
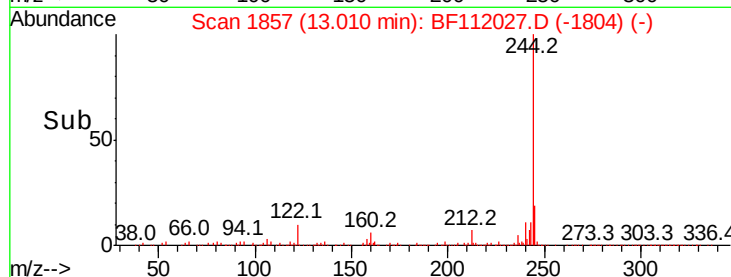
122 11.1 9.5 14.3



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



#80

Butylbenzylphthalate

Concen: 46.954 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

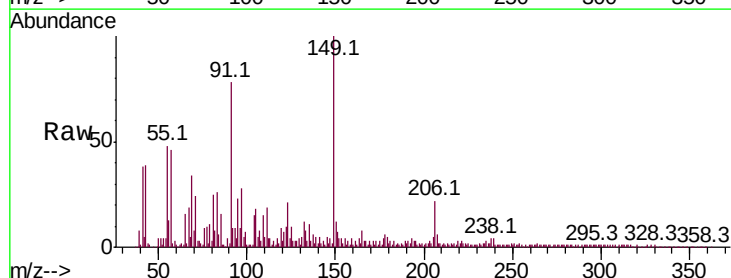
Tgt Ion:149 Resp: 245278

Ion Ratio Lower Upper

149 100

91 77.7 57.2 85.8

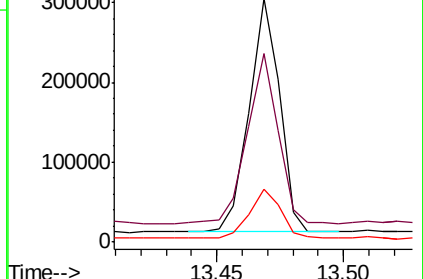
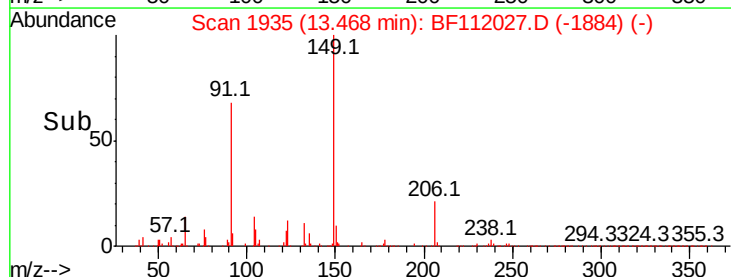
206 21.5 17.3 25.9

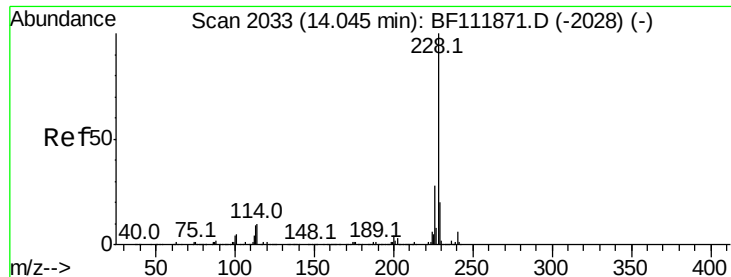


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

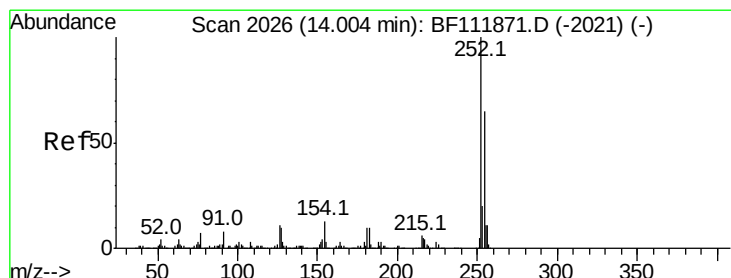
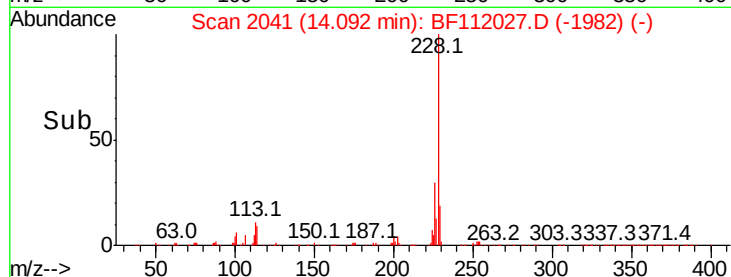
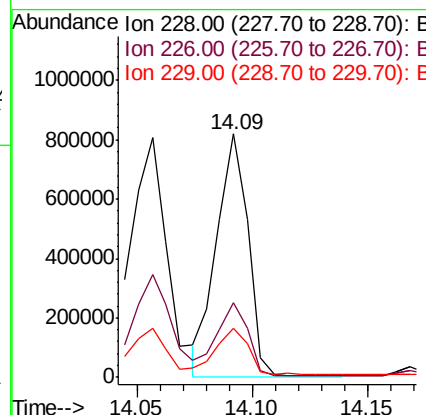
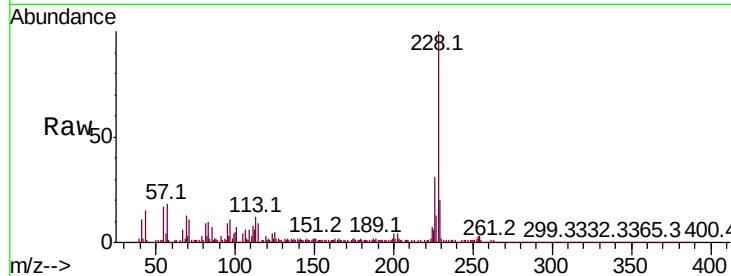




#81
Benzo(a)anthracene
Concen: 74.210 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.05 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

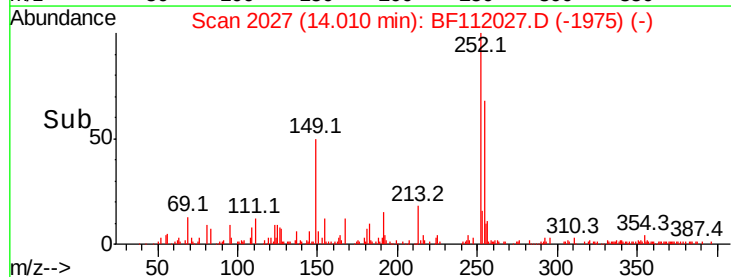
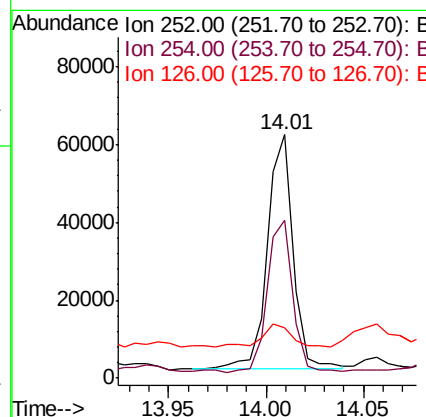
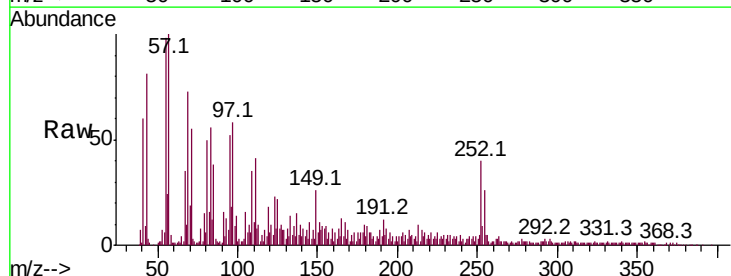
Instrument :
BNA_F
ClientSampleId :

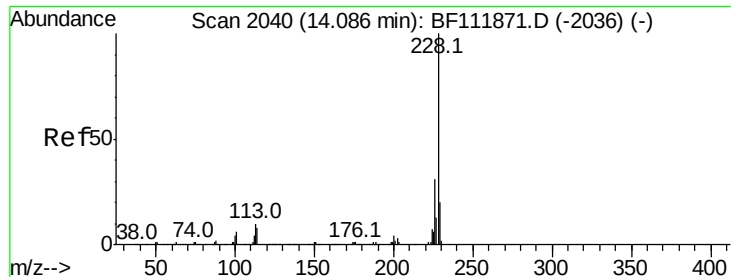
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.2	33.2
229	20.0	16.2	24.2



#82
3,3'-Dichlorobenzidine
Concen: 14.389 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	20.6	8.6	12.8

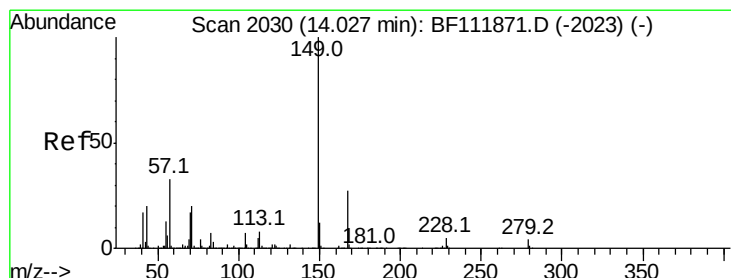
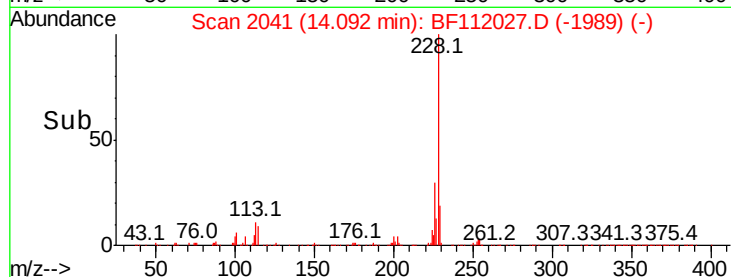
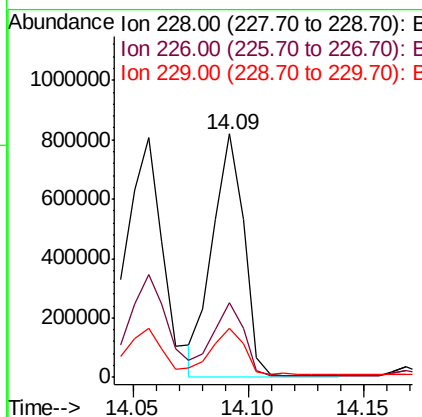
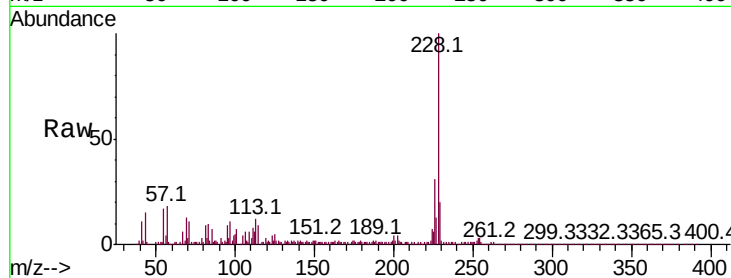




#83
 Chrysene
 Concen: 77.831 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

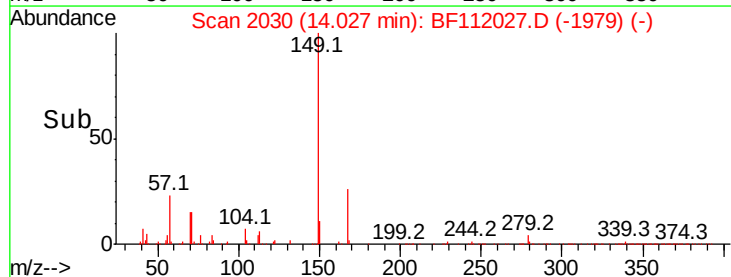
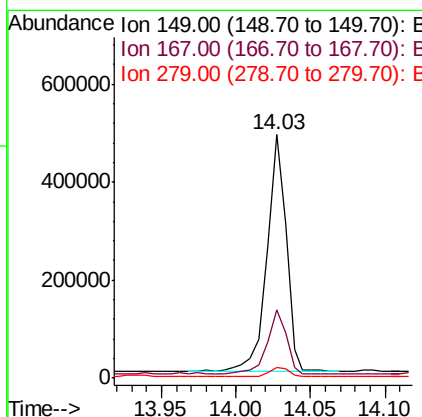
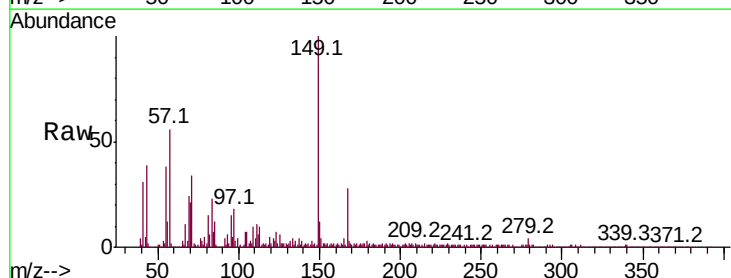
Instrument :
 BNA_F
 ClientSampleId :

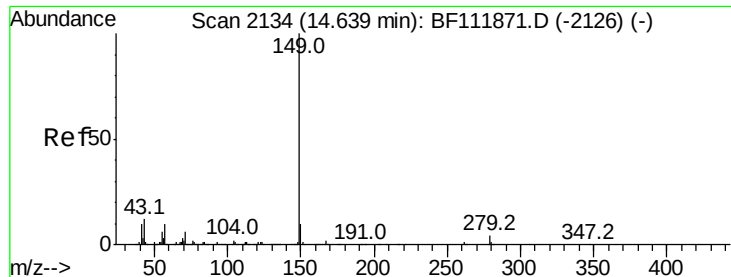
Tot Ion:228 Resp: 766966
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.6 37.0
 229 20.0 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 62.946 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF112027.D
 Acq: 11 Jan 2019 20:39

Tgt Ion:149 Resp: 431830
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.5 32.3
 279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.624 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

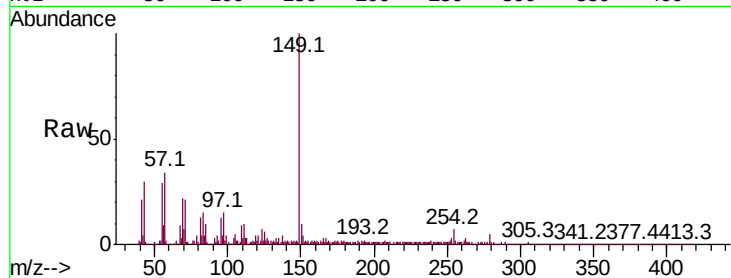
Tot Ion:149 Resp: 467557

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

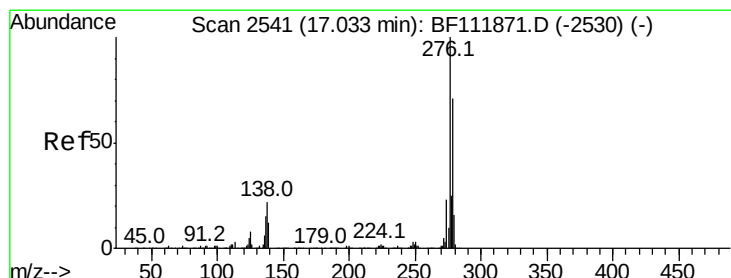
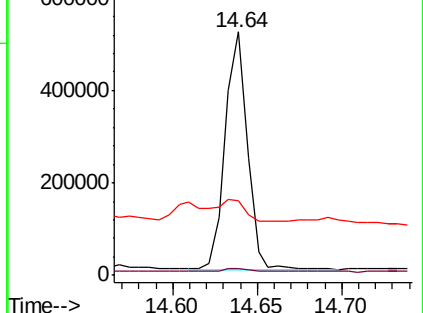
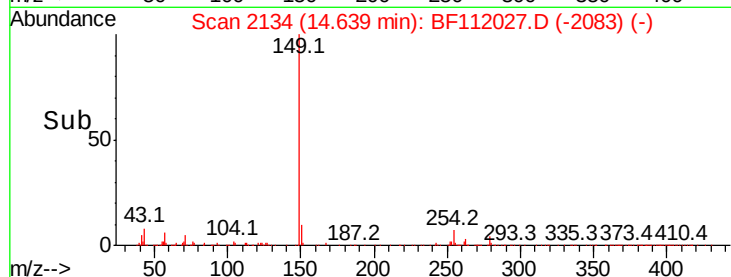
43 10.2 9.1 13.7



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 77.156 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

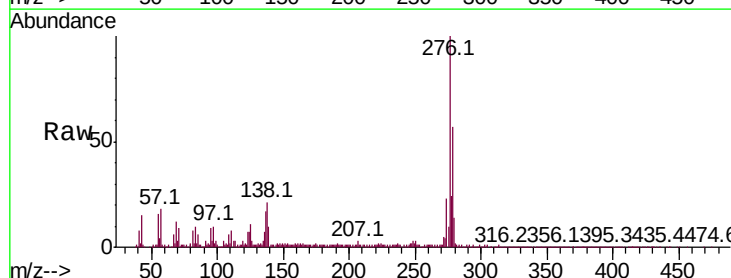
Tgt Ion:276 Resp: 554298

Ion Ratio Lower Upper

276 100

138 20.0 18.1 27.1

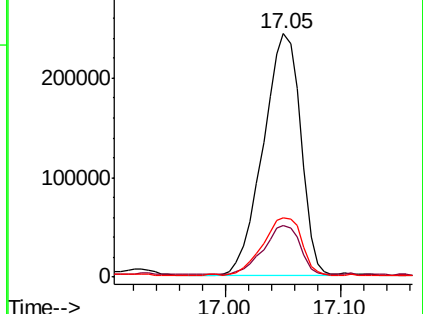
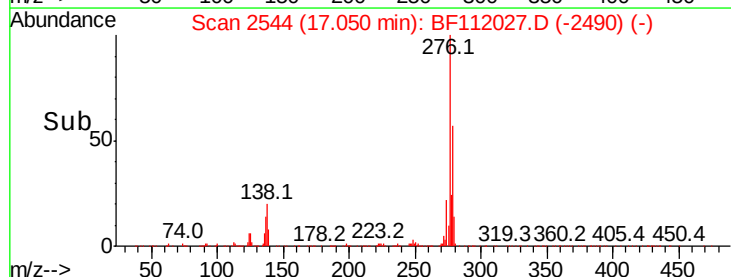
277 24.9 19.9 29.9

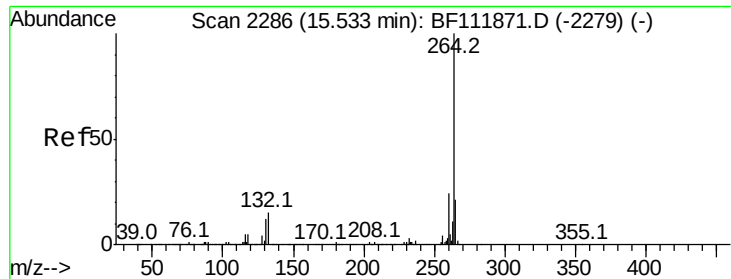


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

Instrument :

BNA_F

ClientSampleId :

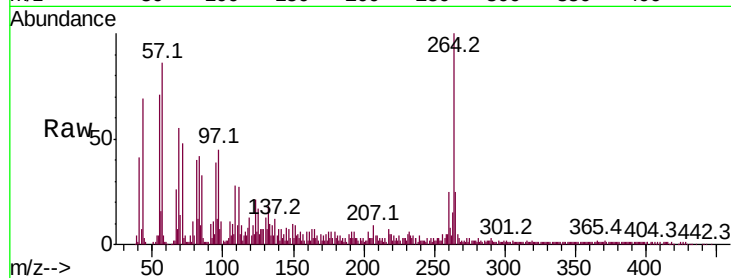
Tot Ion:264 Resp: 140048

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

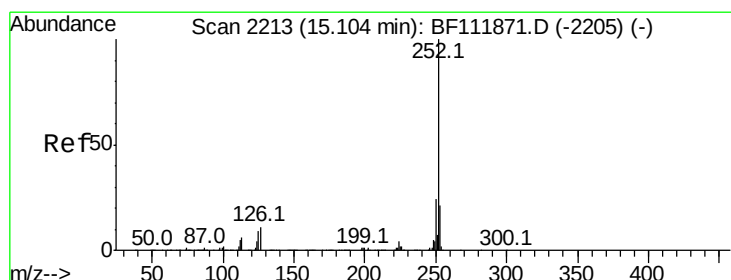
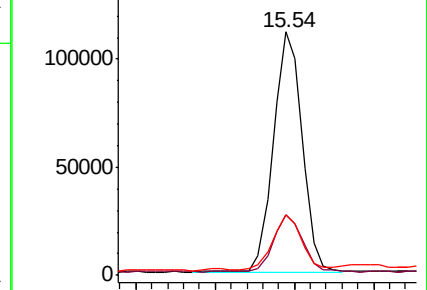
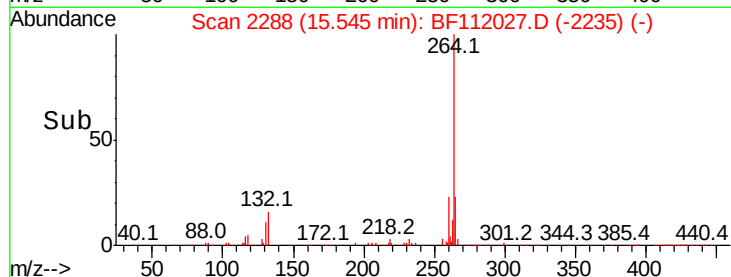
265 24.7 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 80.989 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF112027.D

Acq: 11 Jan 2019 20:39

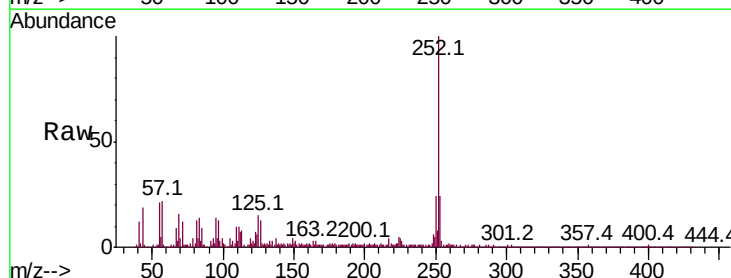
Tgt Ion:252 Resp: 678494

Ion Ratio Lower Upper

252 100

253 23.7 17.0 25.6

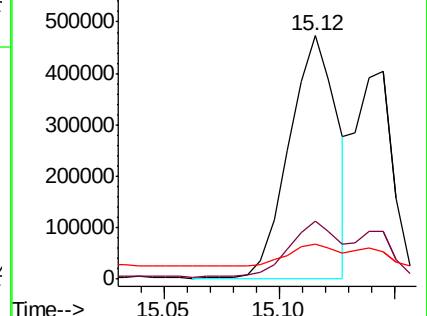
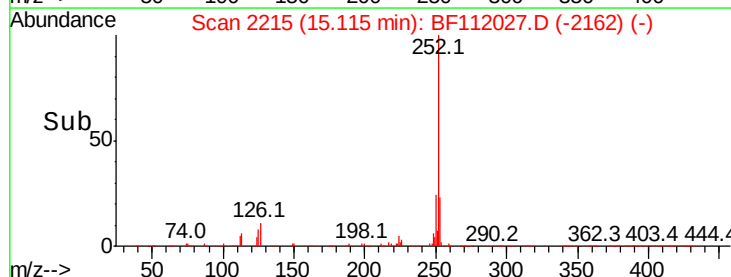
125 14.5 7.1 10.7#

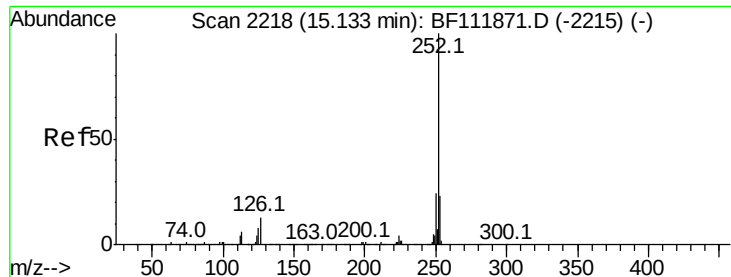


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

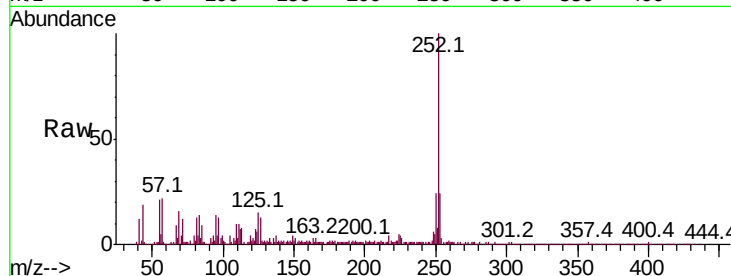




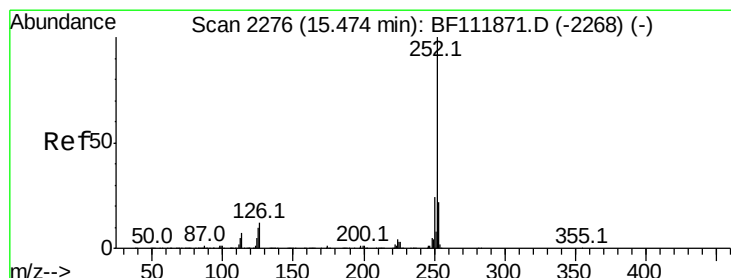
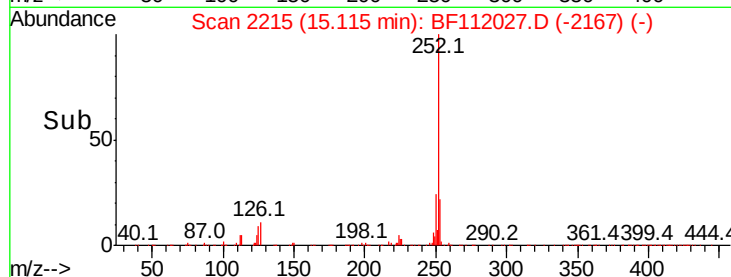
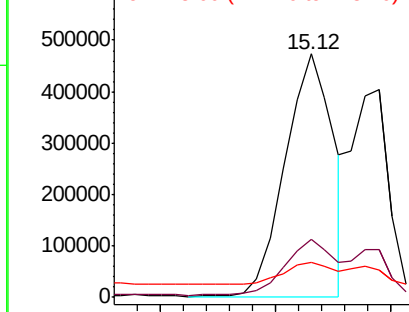
#89
Benzo(k)fluoranthene
Concen: 86.160 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	14.5	7.0	10.4

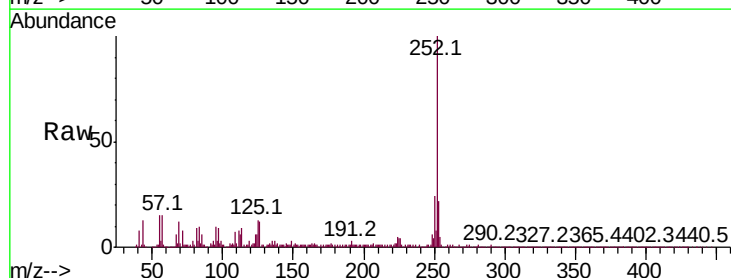


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

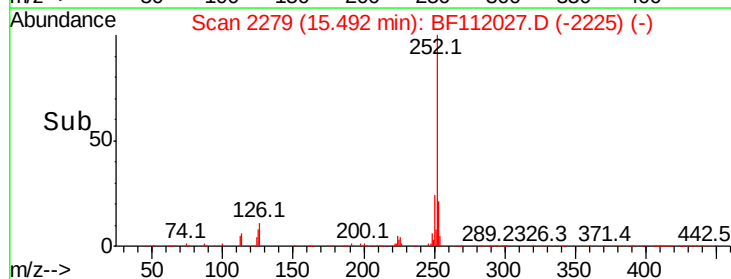
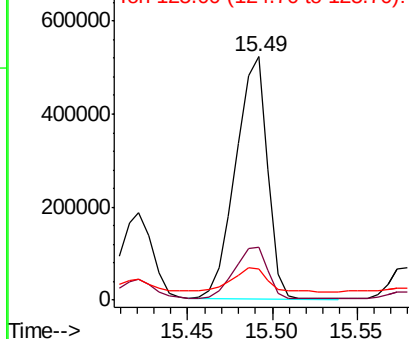


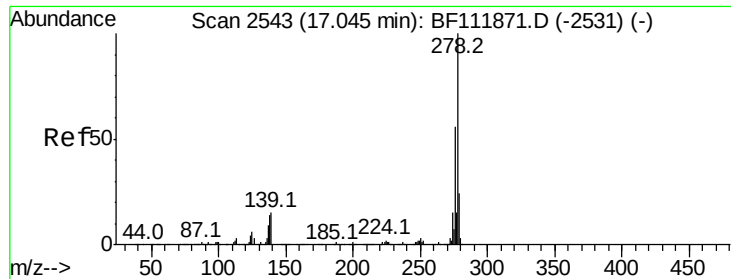
#90
Benzo(a)pyrene
Concen: 93.295 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	12.5	7.9	11.9



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

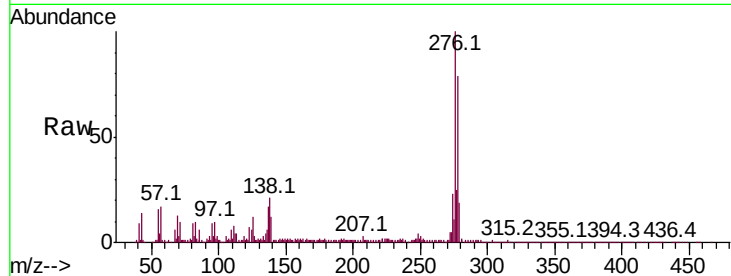




#91
Dibenzo(a,h)anthracene
Concen: 51.894 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.8	17.6
279	23.6	19.4	29.2

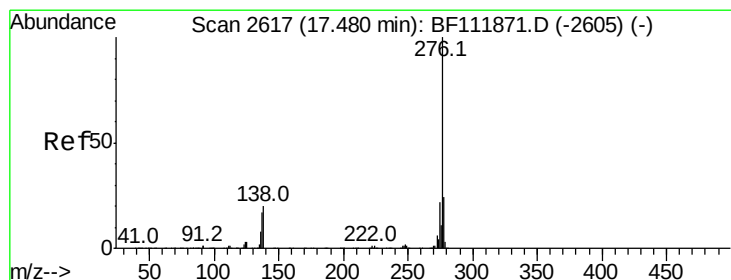
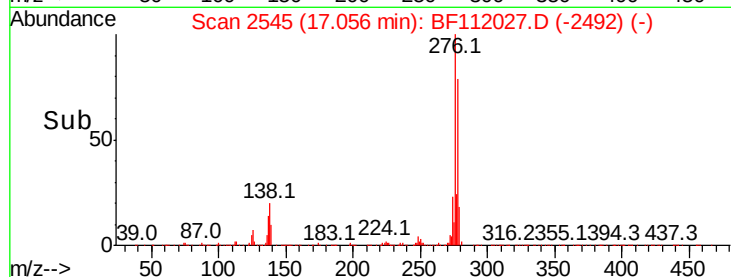
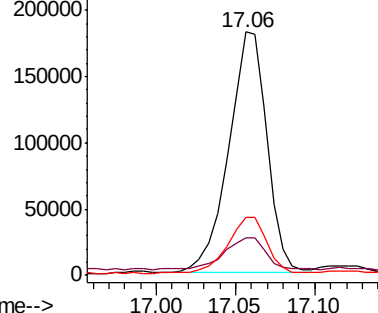


Abundance

Ion 278.00 (277.70 to 278.70): E

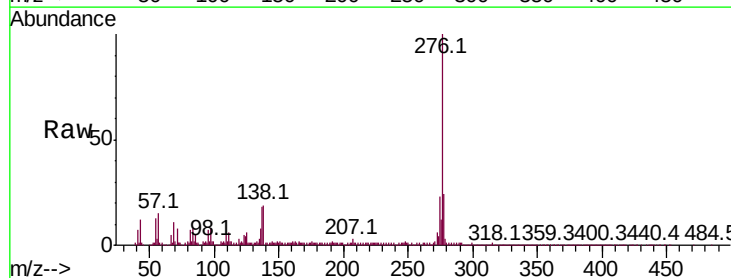
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 90.809 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.03 min
Lab File: BF112027.D
Acq: 11 Jan 2019 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	19.2	16.2	24.2



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

