

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114420.D
 Acq On : 19 May 2019 5:23
 Operator : JU/SJ
 Sample : PB119833BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:15:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	238543	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	893503	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	403806	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	702156	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	426973	20.00	ng	-0.02
87) Perylene-d12	15.46	264	471473	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1503259	101.41	ng	0.00
7) Phenol-d6	6.49	99	1953429	111.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	1225228	76.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	411096	98.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2151247	80.59	ng	-0.02
79) Terphenyl-d14	12.93	244	1755850	84.77	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	216818	26.611	ng	98
3) Pyridine	3.43	79	605130	26.956	ng	96
4) n-Nitrosodimethylamine	3.37	42	323470	29.881	ng	96
6) Aniline	6.50	93	384054	15.165	ng	# 14
8) 2-Chlorophenol	6.63	128	592806	37.461	ng	98
9) Benzaldehyde	6.39	77	244825	19.947	ng	97
10) Phenol	6.50	94	702564	34.066	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	578904	36.973	ng	96
12) 1,3-Dichlorobenzene	6.78	146	609815	34.330	ng	99
13) 1,4-Dichlorobenzene	6.85	146	618504	34.554	ng	99
14) 1,2-Dichlorobenzene	7.01	146	571171	34.927	ng	99
15) Benzyl Alcohol	6.99	79	479798	35.089	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1057091	34.820	ng	68
17) 2-Methylphenol	7.10	107	469291	36.102	ng	# 90
18) Hexachloroethane	7.35	117	228742	34.045	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	414191	37.273	ng	99
20) 3+4-Methylphenols	7.26	107	602233	40.098	ng	# 62
22) Acetophenone	7.25	105	784125	39.614	ng	# 90
24) Nitrobenzene	7.42	77	623888	38.474	ng	96
25) Isophorone	7.66	82	1147545	38.863	ng	99
26) 2-Nitrophenol	7.74	139	316434	40.221	ng	95
27) 2,4-Dimethylphenol	7.77	122	518439	41.957	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	738058	38.523	ng	99
29) 2,4-Dichlorophenol	7.98	162	485731	39.478	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	517295	36.973	ng	99
31) Naphthalene	8.14	128	1633418	39.136	ng	99
32) Benzoic acid	7.90	122	192329	25.657	ng	97
33) 4-Chloroaniline	8.19	127	207537	10.912	ng	99
34) Hexachlorobutadiene	8.25	225	287651	36.133	ng	99
35) Caprolactam	8.56	113	154989	38.631	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	497724	40.188	ng	94
37) 2-Methylnaphthalene	8.83	142	1105969	41.071	ng	98
38) 1-Methylnaphthalene	8.93	142	1048078	41.330	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	502061	41.044	ng	100

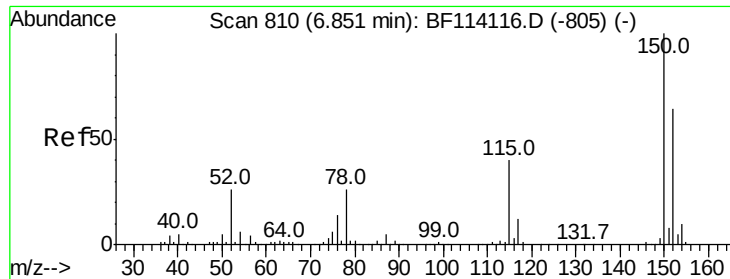
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114420.D
 Acq On : 19 May 2019 5:23
 Operator : JU/SJ
 Sample : PB119833BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:15:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	148420	28.961	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	315073	37.448	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	329412	38.177	ng	98
46) 1,1'-Biphenyl	9.29	154	1339977	41.076	ng	99
47) 2-Chloronaphthalene	9.32	162	1034541	39.405	ng	99
48) 2-Nitroaniline	9.42	65	344699	37.021	ng	98
49) Acenaphthylene	9.73	152	1605757	40.214	ng	98
50) Dimethylphthalate	9.59	163	1201047	40.517	ng	100
51) 2,6-Dinitrotoluene	9.66	165	265982	40.455	ng	91
52) Acenaphthene	9.90	154	941379	38.419	ng	98
53) 3-Nitroaniline	9.83	138	161557	19.795	ng	98
54) 2,4-Dinitrophenol	9.95	184	86612	30.734	ng	99
55) Dibenzofuran	10.07	168	1365596	38.007	ng	99
56) 4-Nitrophenol	10.00	139	248305	43.020	ng	97
57) 2,4-Dinitrotoluene	10.06	165	317332	35.559	ng	# 85
58) Fluorene	10.42	166	1091241	39.320	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	256815	34.495	ng	100
60) Diethylphthalate	10.29	149	1182881	39.273	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	525882	38.580	ng	96
62) 4-Nitroaniline	10.44	138	249866	29.134	ng	99
63) Azobenzene	10.57	77	1134893	38.928	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	86527	25.646	ng	93
66) n-Nitrosodiphenylamine	10.53	169	962189	45.151	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	328276	42.462	ng	97
68) Hexachlorobenzene	10.97	284	353512	41.334	ng	98
69) Atrazine	11.05	200	280069	42.231	ng	98
70) Pentachlorophenol	11.17	266	206909	51.035	ng	98
71) Phenanthrene	11.38	178	1433228	41.955	ng	98
72) Anthracene	11.43	178	1474410	42.971	ng	98
73) Carbazole	11.59	167	1269810	38.809	ng	99
74) Di-n-butylphthalate	11.91	149	1723922	45.733	ng	100
75) Fluoranthene	12.57	202	1363178	37.056	ng	99
77) Benzidine	12.69	184	362849	18.932	ng	95
78) Pyrene	12.80	202	1367326	39.808	ng	99
80) Butylbenzylphthalate	13.40	149	648547	44.859	ng	99
81) Benzo(a)anthracene	13.99	228	1130077	40.921	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	294330	27.474	ng	# 97
83) Chrysene	14.02	228	1094035	40.412	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	914939	48.388	ng	99
85) Di-n-octyl phthalate	14.57	149	1495143	48.779	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1019025	42.591	ng	99
88) Benzo(b)fluoranthene	15.03	252	1162269	38.479	ng	100
89) Benzo(k)fluoranthene	15.06	252	1166638	42.046	ng	98
90) Benzo(a)pyrene	15.40	252	1125405	42.335	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	854899	38.702	ng	99
92) Benzo(g,h,i)perylene	17.37	276	819036	36.999	ng	98

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

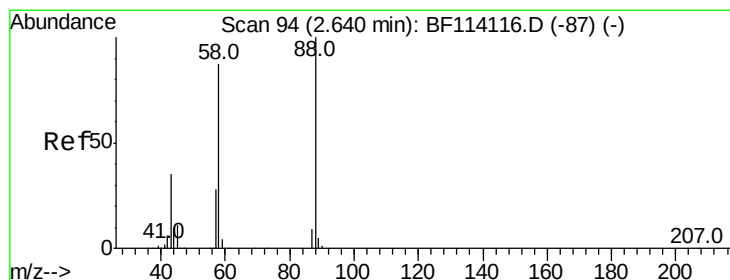
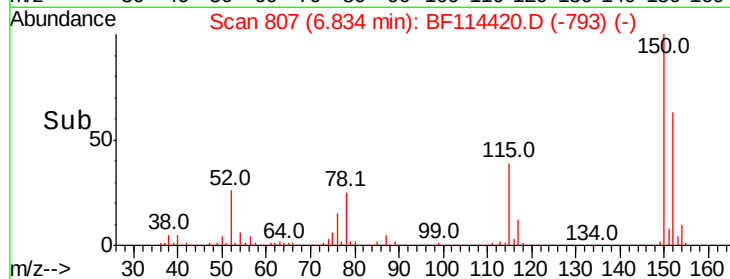
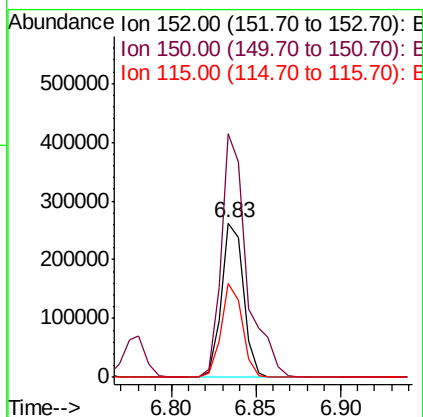
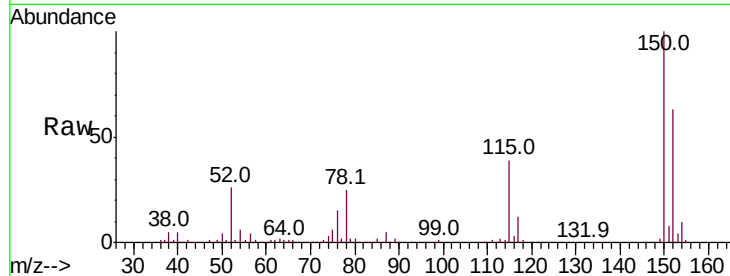


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

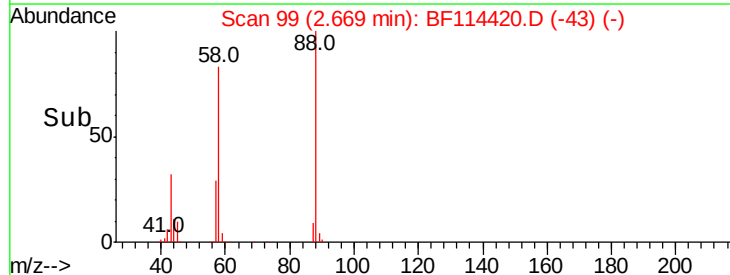
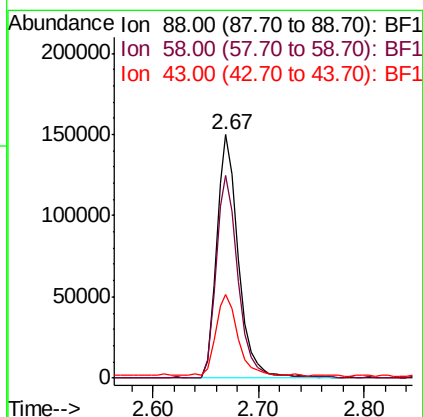
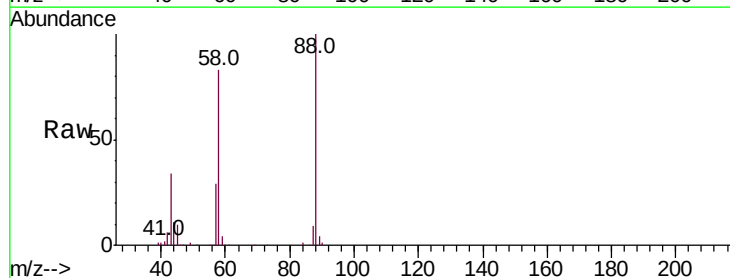
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.3	186.5
115	60.9	49.1	73.7

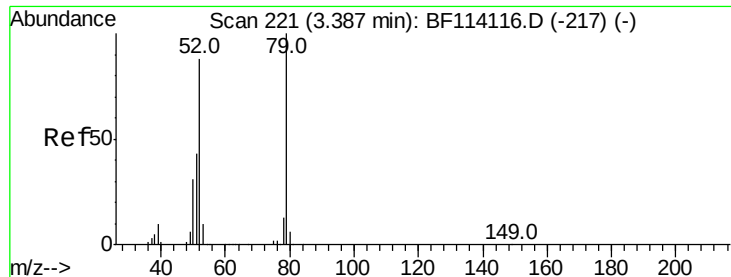


#2

1,4-Dioxane
Concen: 26.611 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.03 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.7	103.1
43	33.1	28.2	42.2





#3

Pvridine

Concen: 26.956 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.04 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

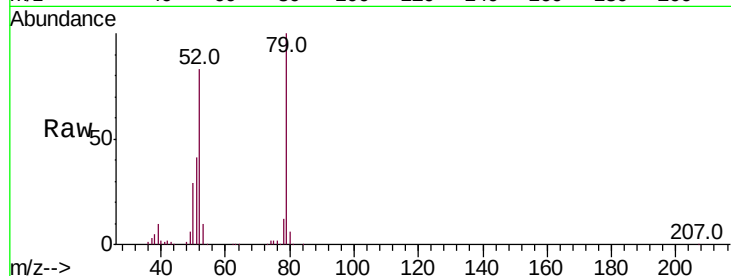
Tot Ion: 79 Resp: 605130

Ion Ratio Lower Upper

79 100

52 83.0 70.6 105.8

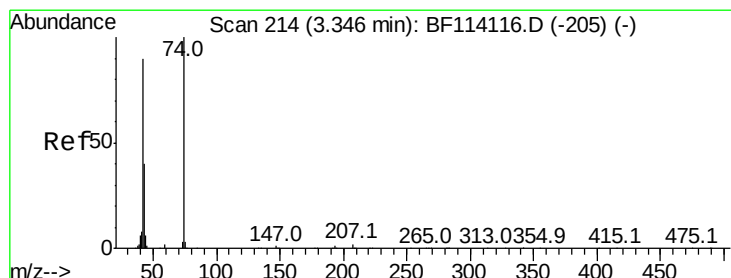
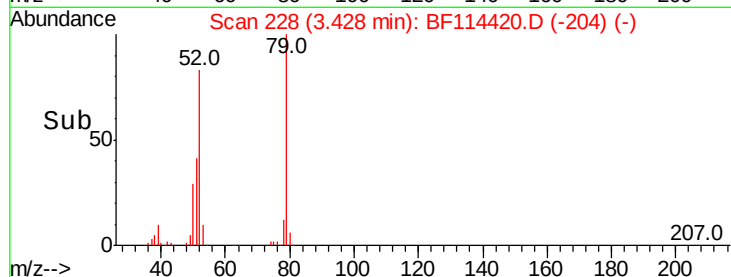
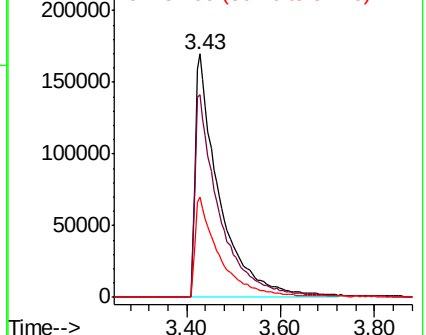
51 41.4 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.881 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

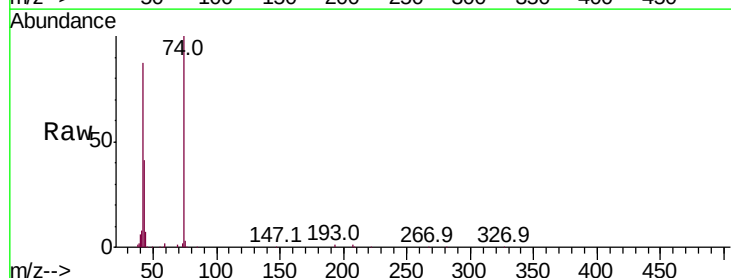
Tgt Ion: 42 Resp: 323470

Ion Ratio Lower Upper

42 100

74 114.7 88.6 132.8

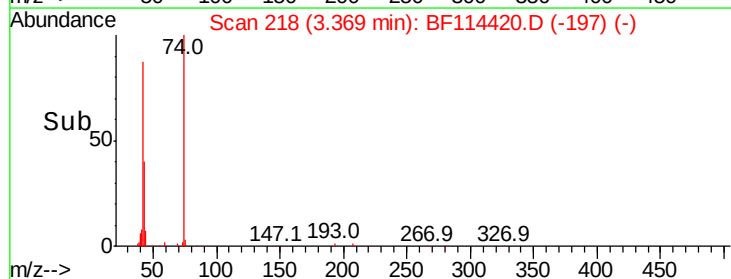
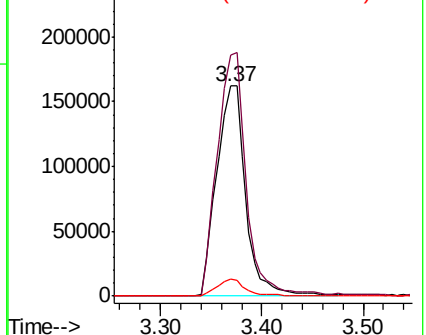
44 8.0 5.5 8.3

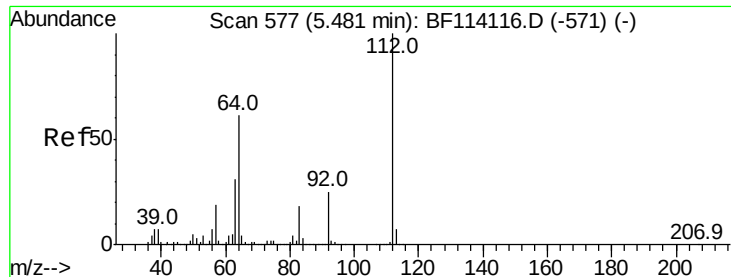


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.413 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

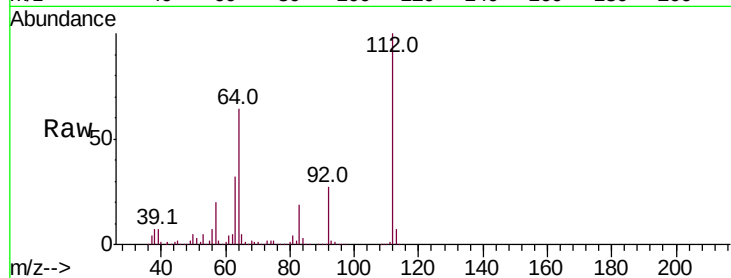
Tot Ion:112 Resp: 1503259

Ion Ratio Lower Upper

112 100

64 63.6 49.0 73.6

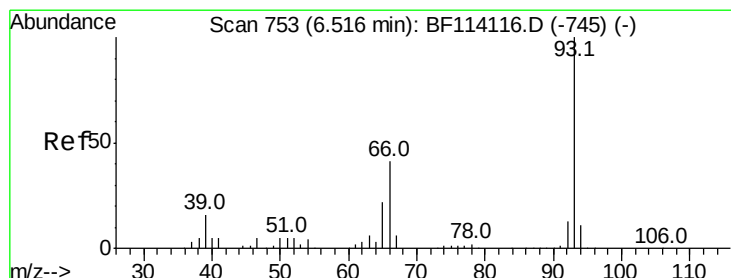
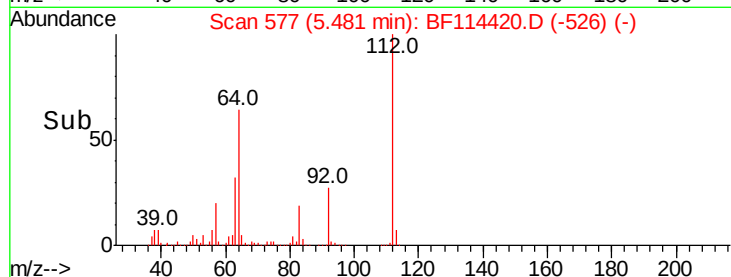
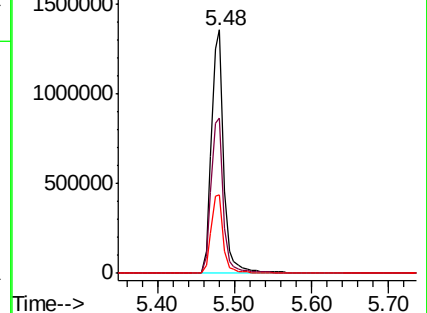
63 32.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.165 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

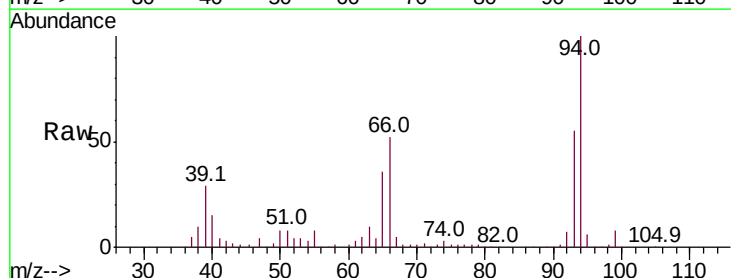
Tgt Ion: 93 Resp: 384054

Ion Ratio Lower Upper

93 100

66 94.0 33.2 49.8#

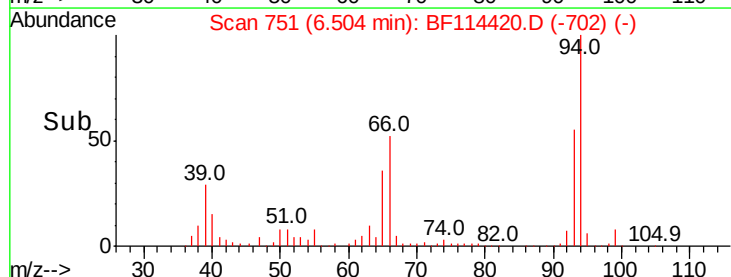
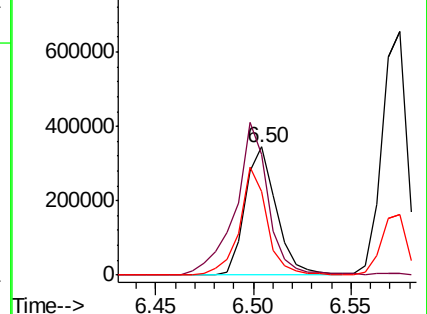
65 65.7 17.6 26.4#

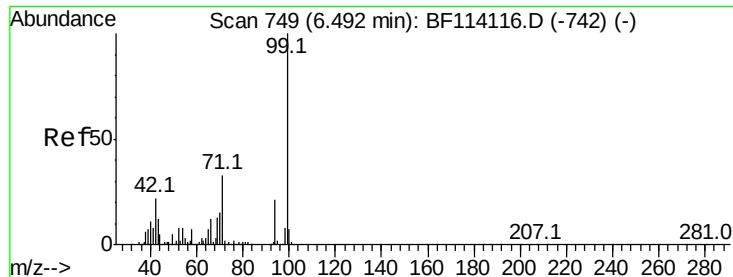


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.422 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

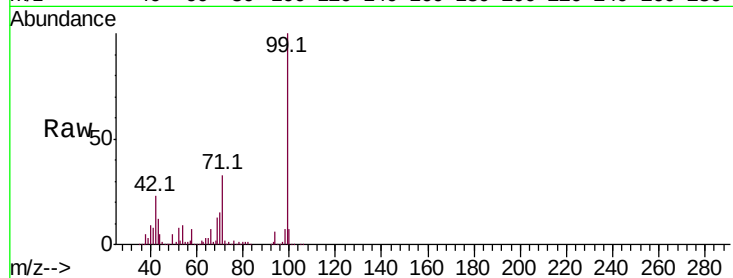
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1953429

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	33.2	26.2	39.2

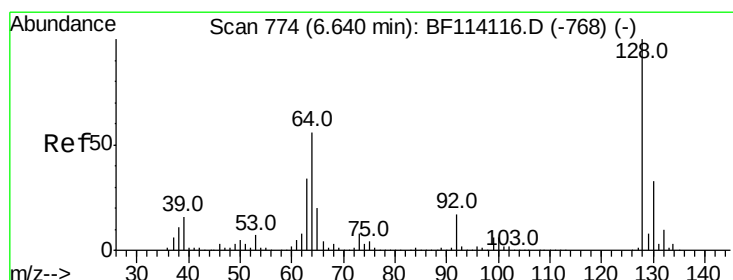
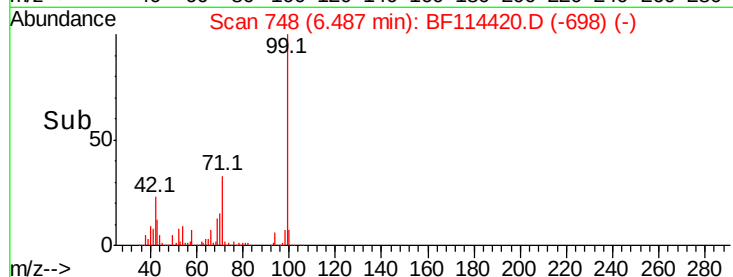
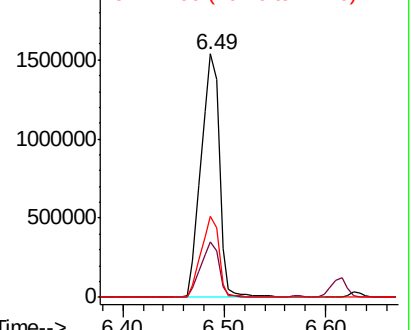


Abundance

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: 37.461 ng

RT: 6.63 min Scan# 772

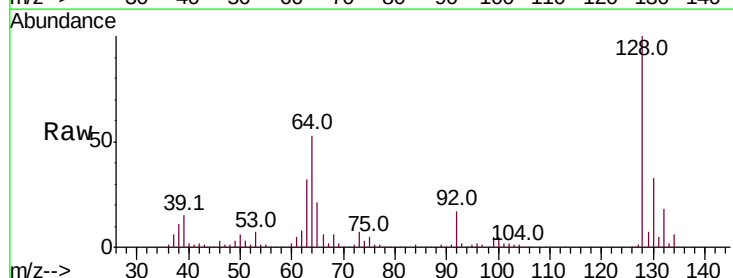
Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:128 Resp: 592806

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	53.1	35.9	75.9

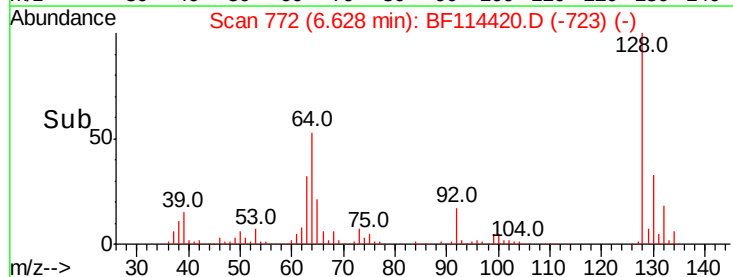
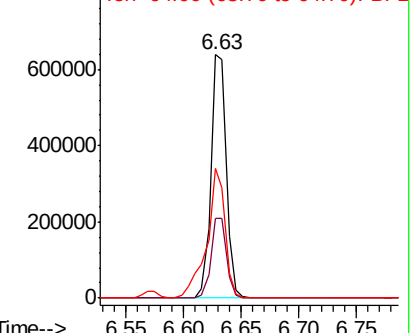


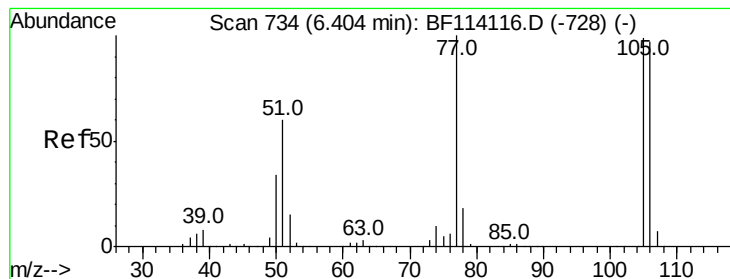
Abundance

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: 19.947 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

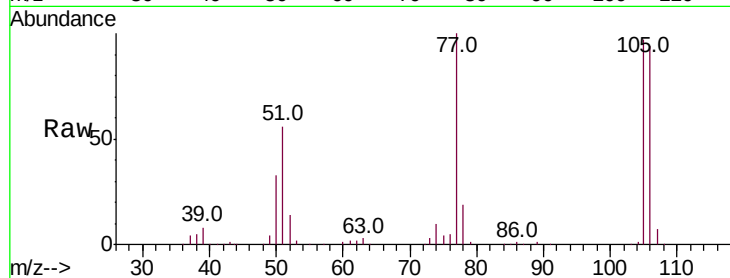
Tot Ion: 77 Resp: 244825

Ion Ratio Lower Upper

77 100

105 96.7 79.3 119.3

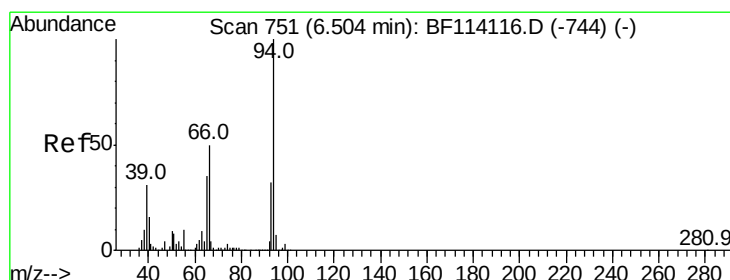
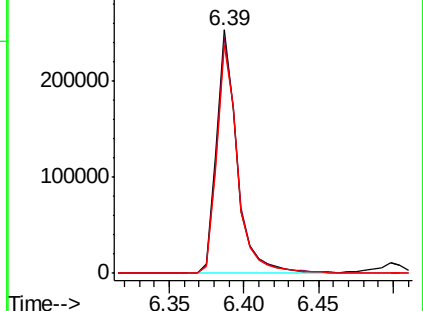
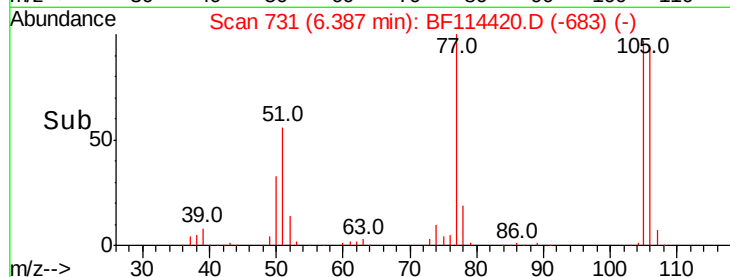
106 93.9 77.0 117.0



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: 34.066 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

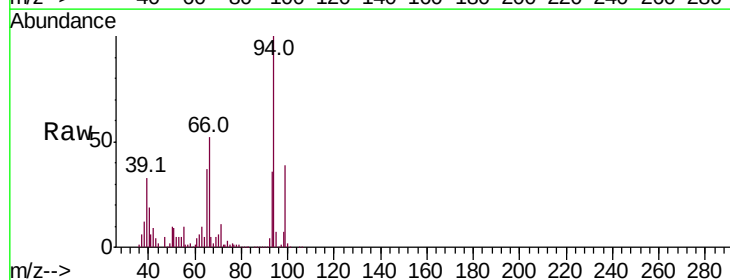
Tgt Ion: 94 Resp: 702564

Ion Ratio Lower Upper

94 100

65 36.9 14.7 54.7

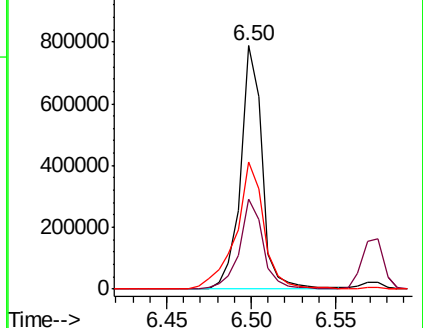
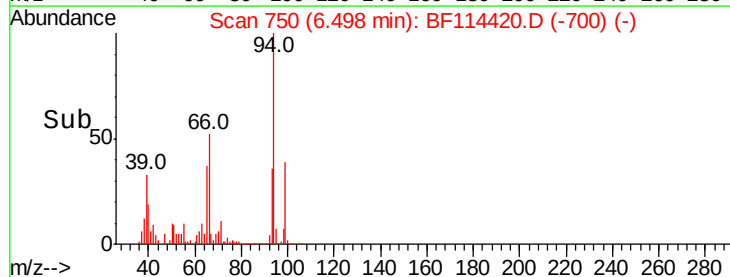
66 52.1 29.6 69.6

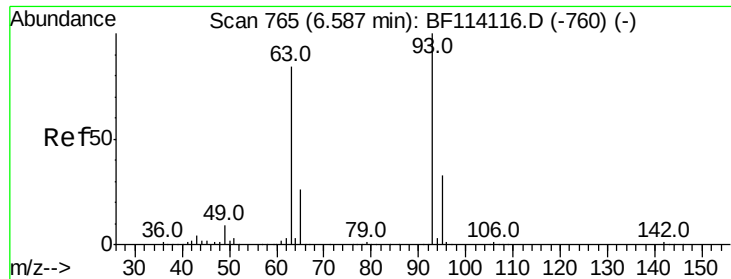


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

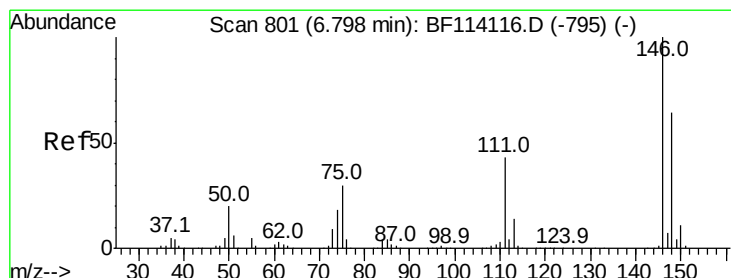
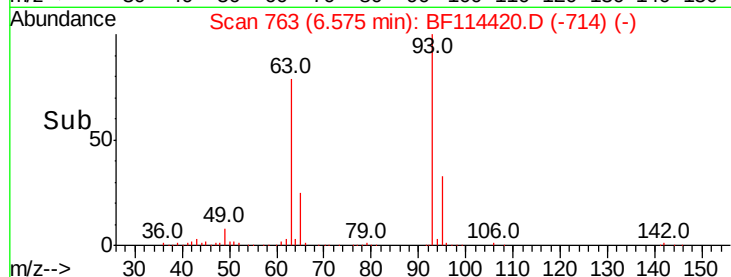
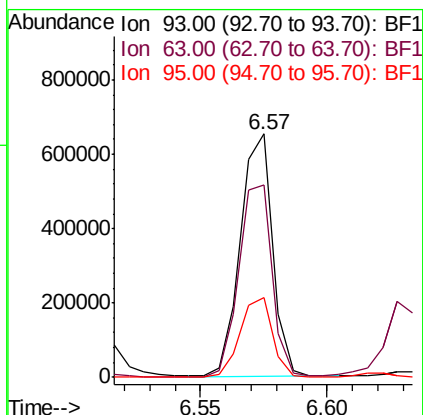
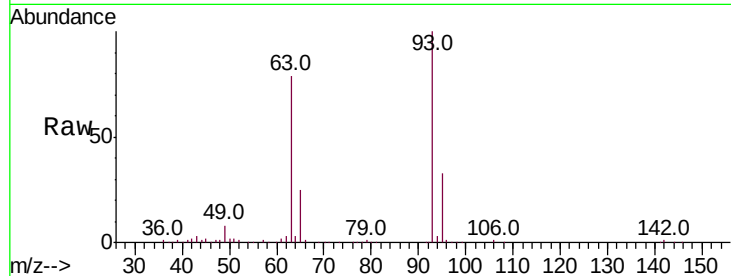




#11
 bis(2-Chloroethyl)ether
 Concen: 36.973 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

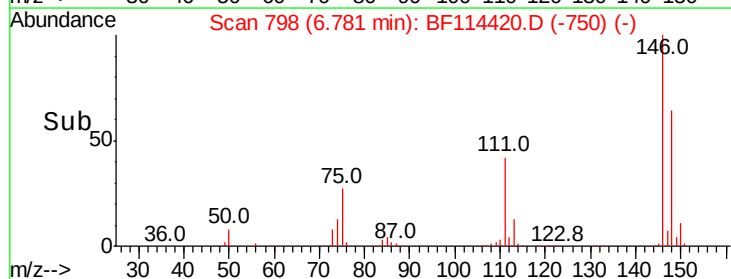
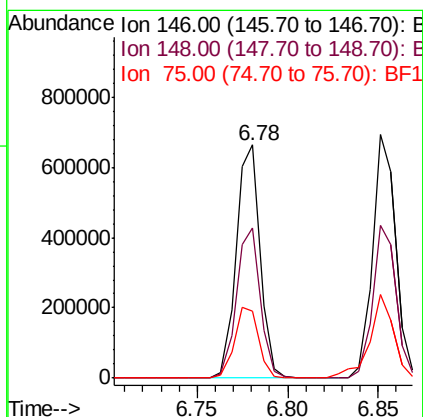
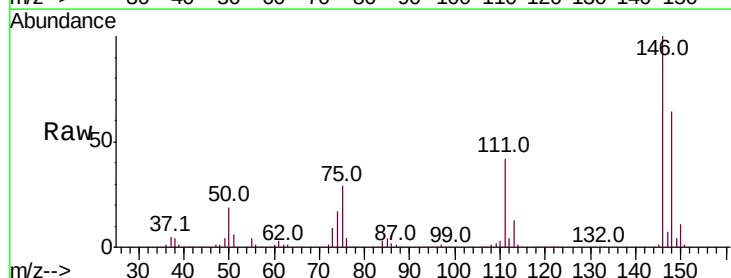
Instrument :
 BNA_F
 ClientSampleId :

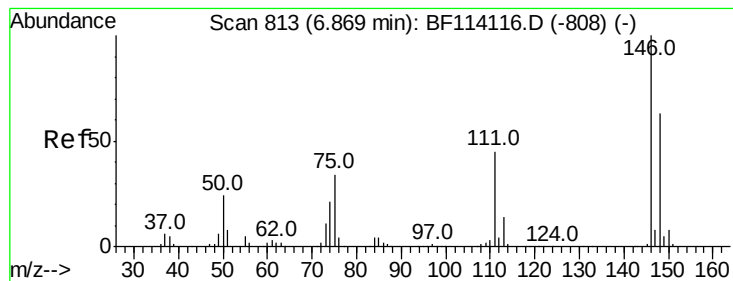
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.2	63.6	103.6
95	33.0	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 34.330 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
75	28.9	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 34.554 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampled :

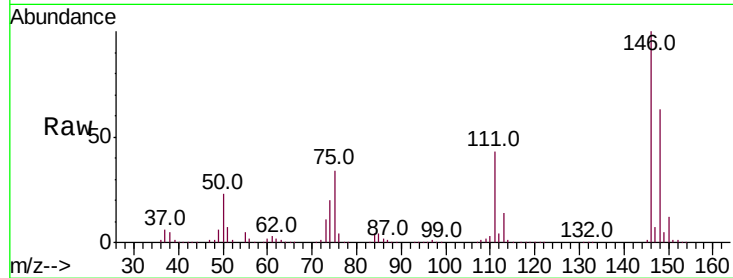
Tot Ion:146 Resp: 618504

Ion Ratio Lower Upper

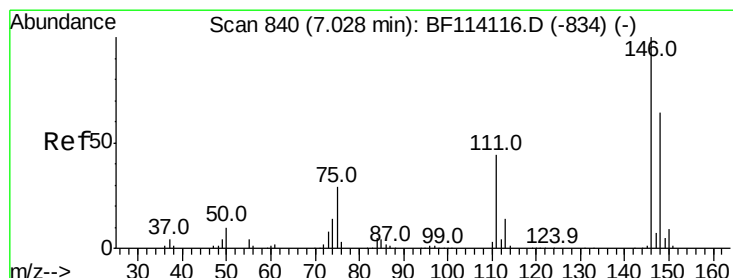
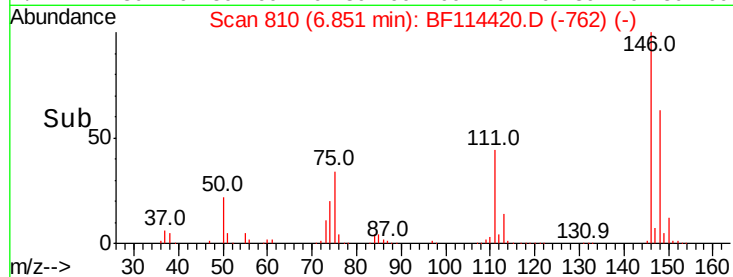
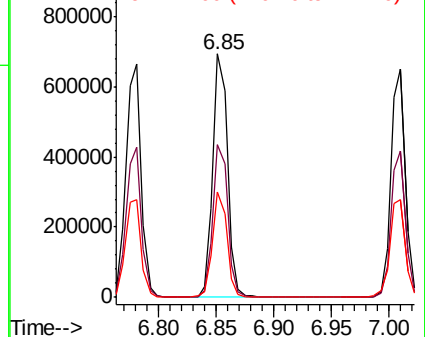
146 100

148 62.9 50.2 75.2

111 43.5 35.8 53.6



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: 34.927 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

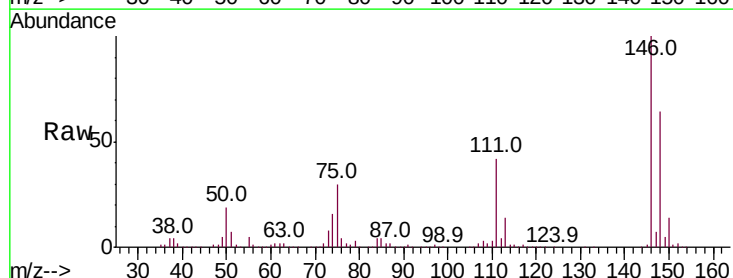
Tgt Ion:146 Resp: 571171

Ion Ratio Lower Upper

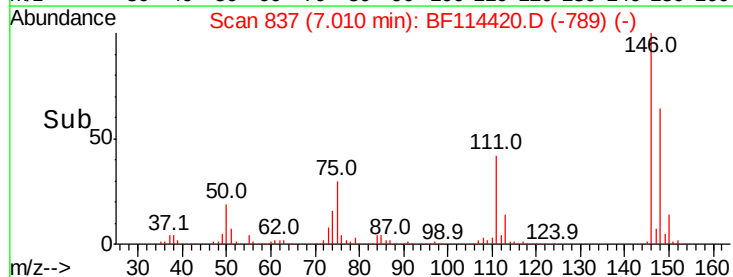
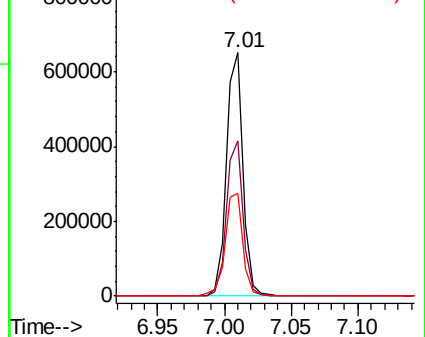
146 100

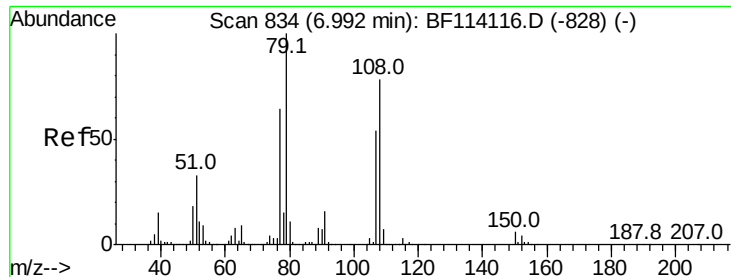
148 63.8 51.1 76.7

111 42.5 35.3 52.9



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

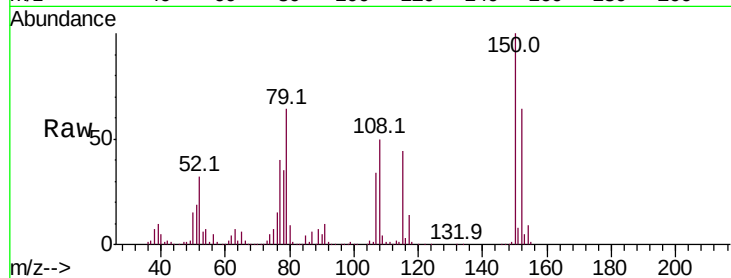




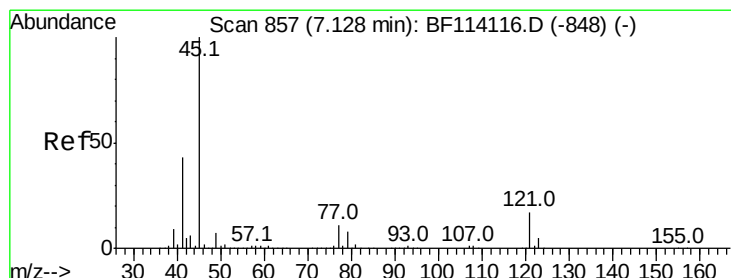
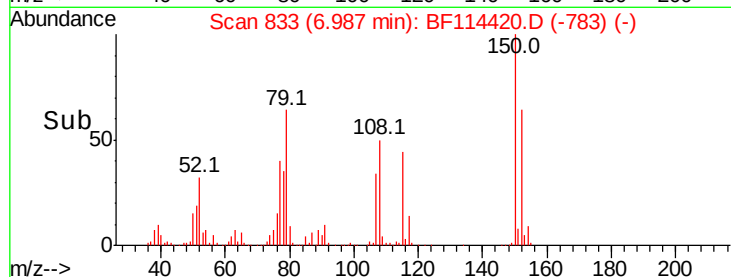
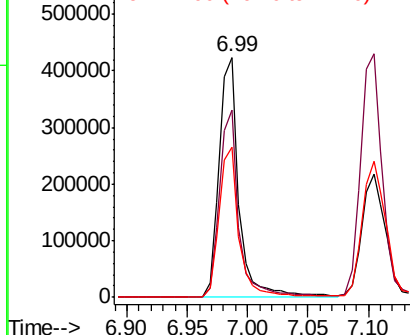
#15
Benzyl Alcohol
Concen: 35.089 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 479798
Ion Ratio Lower Upper
79 100
108 77.7 62.1 93.1
77 62.3 51.0 76.6

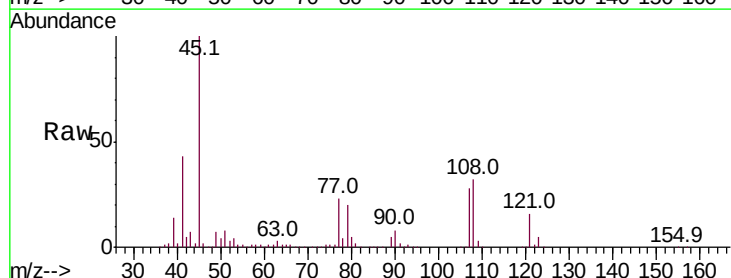


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

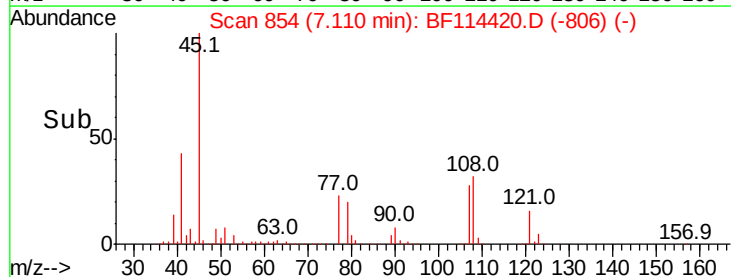
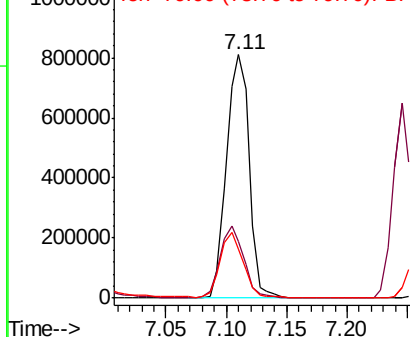


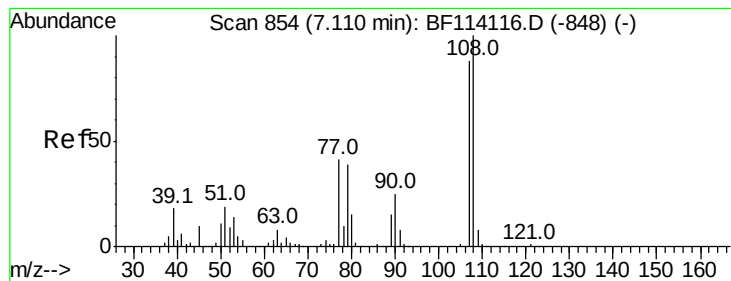
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.820 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion: 45 Resp: 1057091
Ion Ratio Lower Upper
45 100
77 23.1 0.0 31.1
79 20.2 0.0 28.4



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





#17

2-Methylphenol

Concen: 36.102 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114420.D

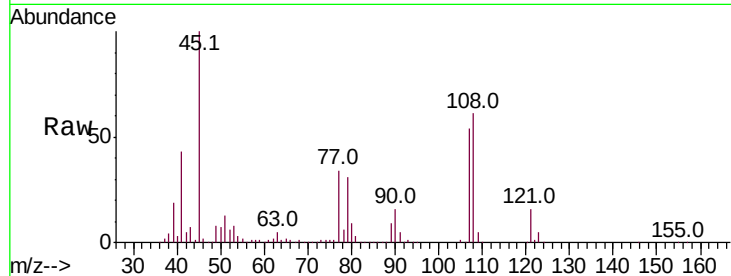
Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	469291
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.5	135.7
77	62.9	37.0	55.4#
79	56.9	35.8	53.8#

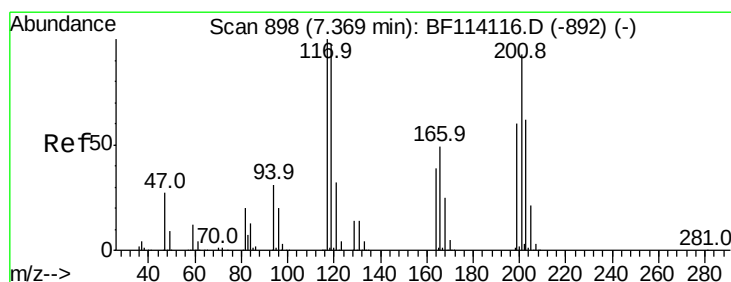
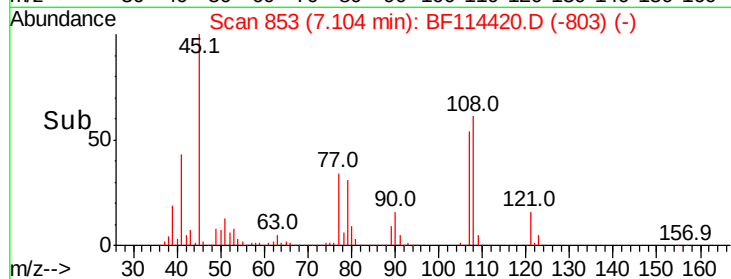
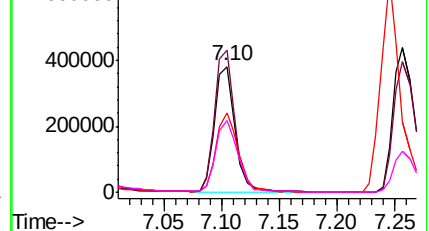


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.045 ng

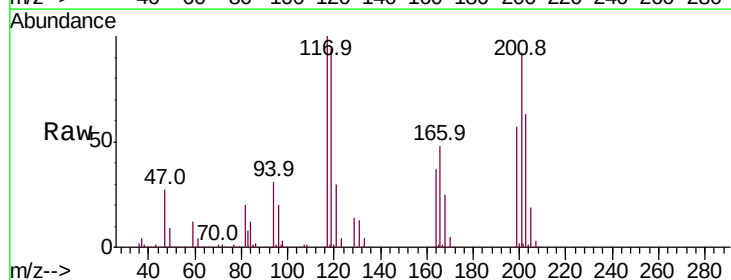
RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

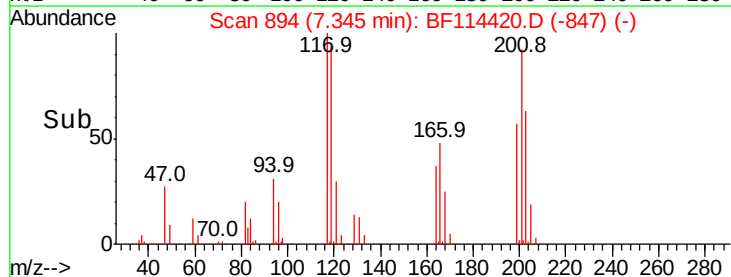
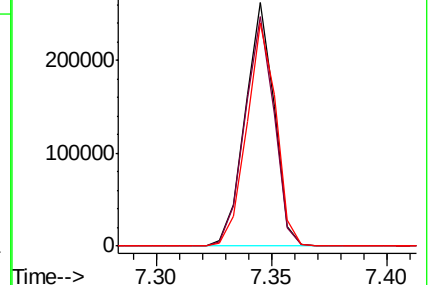
Tgt Ion:	117	Resp:	228742
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.2
201	91.8	74.5	111.7

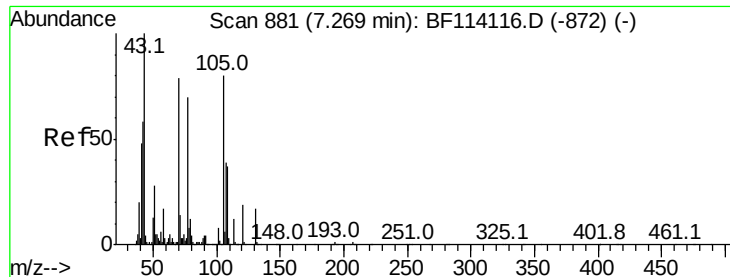


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

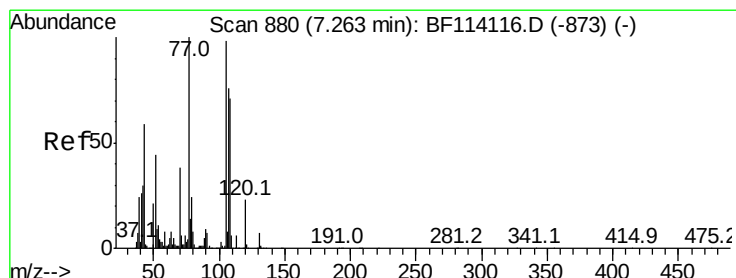
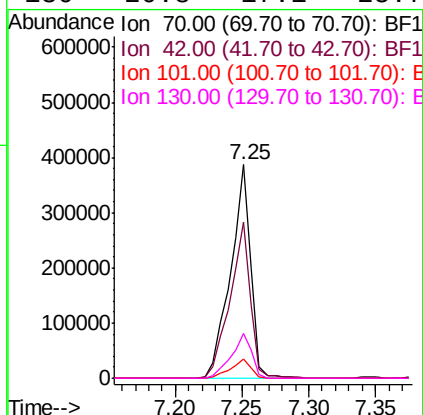
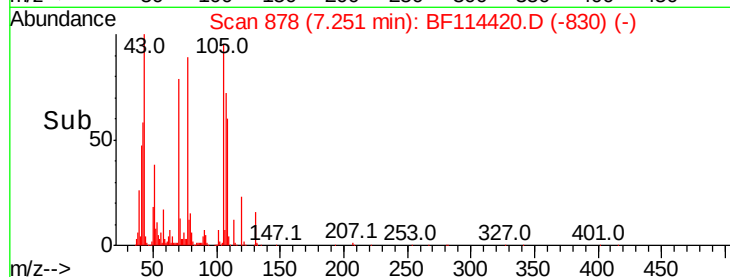
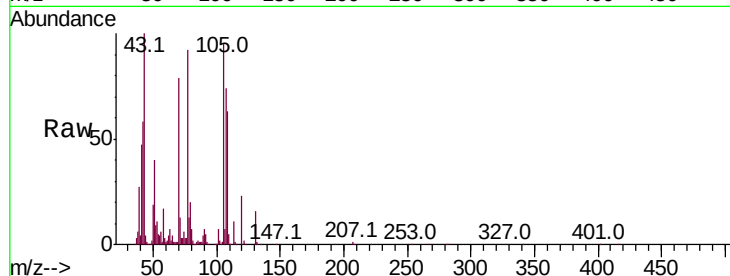




#19
n-Nitroso-di-n-propylamine
Concen: 37.273 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

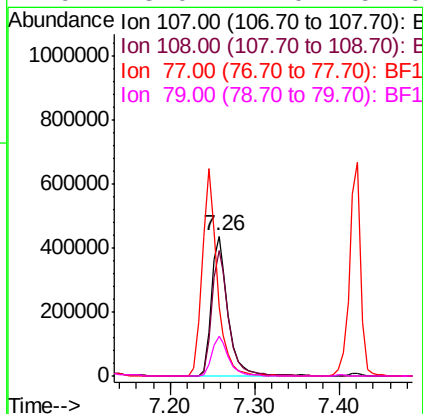
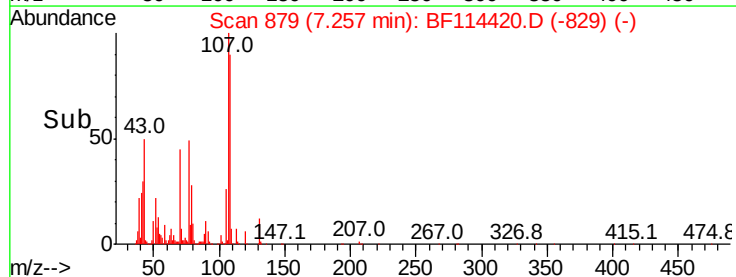
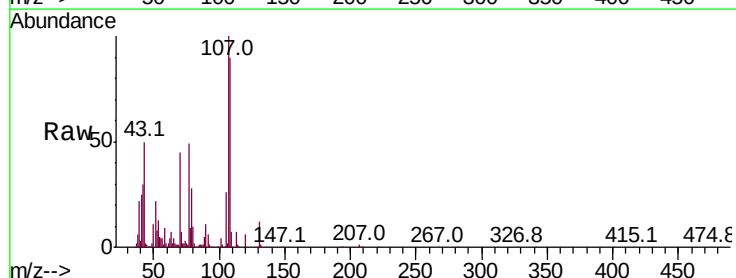
Instrument :
BNA_F
ClientSampleId :

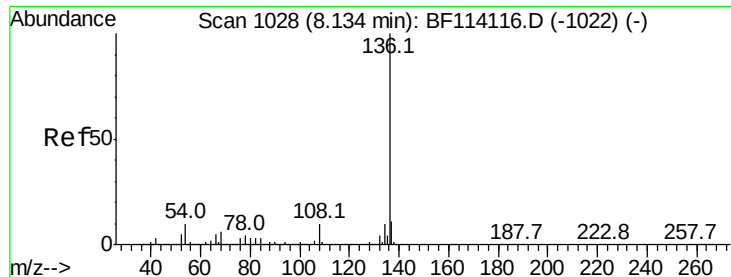
Tot Ion: 70 Resp: 414191
Ion Ratio Lower Upper
70 100
42 73.4 58.6 87.8
101 9.2 7.8 11.8
130 20.8 17.1 25.7



#20
3+4-Methylphenols
Concen: 40.098 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:107 Resp: 602233
Ion Ratio Lower Upper
107 100
108 89.9 73.8 113.8
77 49.0 111.5 151.5#
79 28.0 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 893503

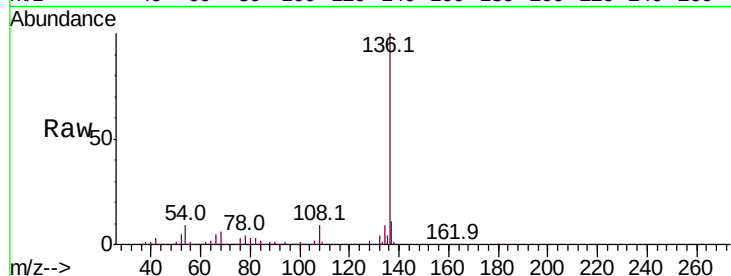
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.4 7.8 11.8

68 6.1 5.1 7.7

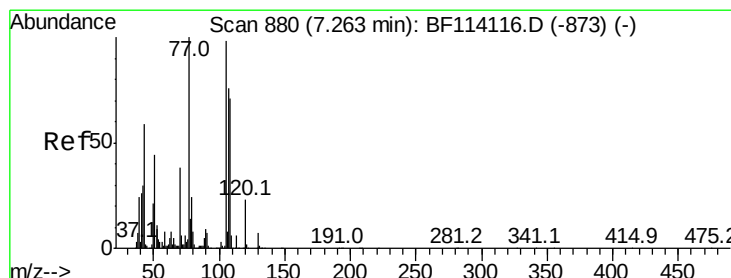
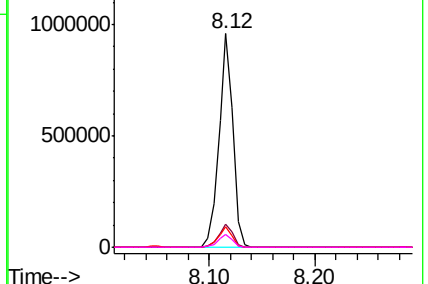
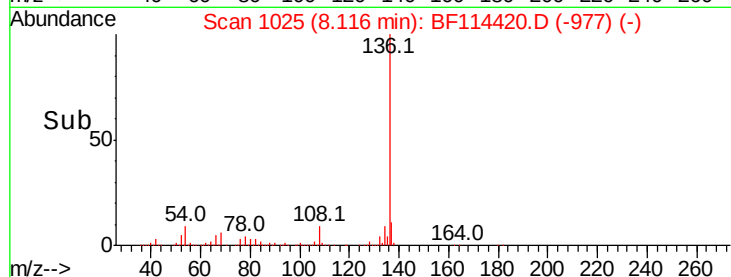


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.614 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:105 Resp: 784125

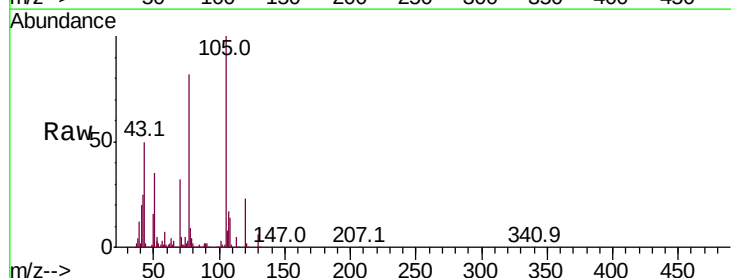
Ion Ratio Lower Upper

105 100

71 5.3 5.3 7.9

51 35.4 36.2 54.4#

120 22.8 18.6 28.0

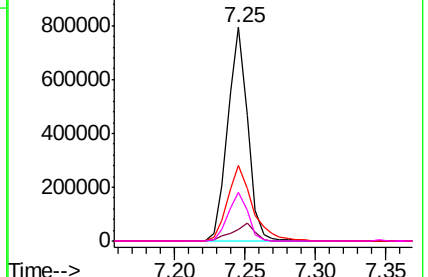
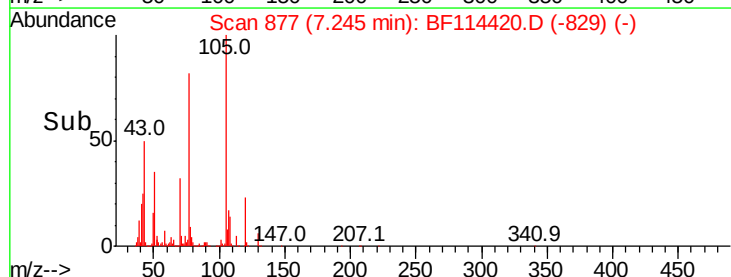


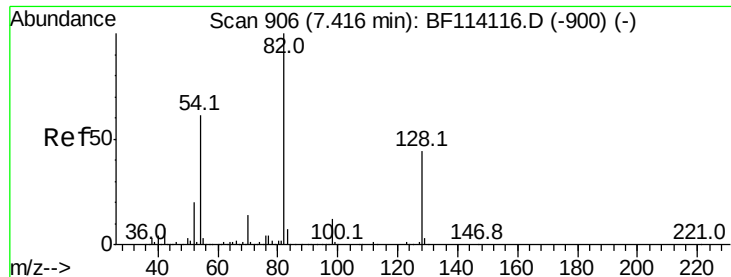
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



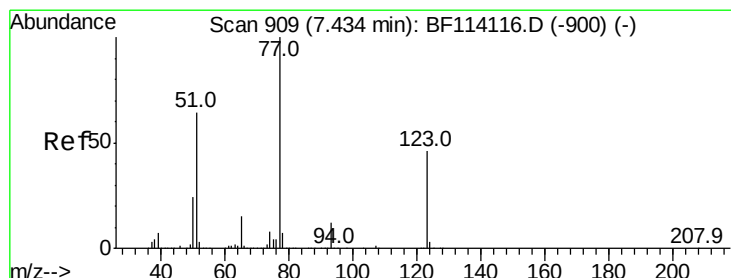
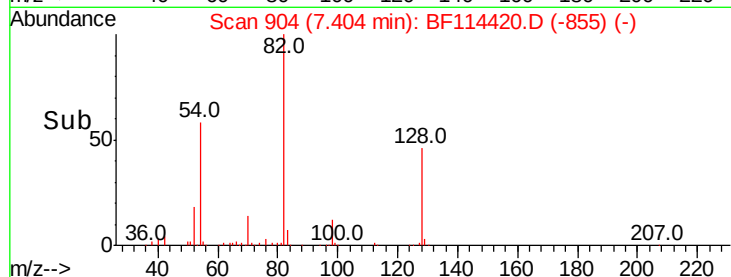
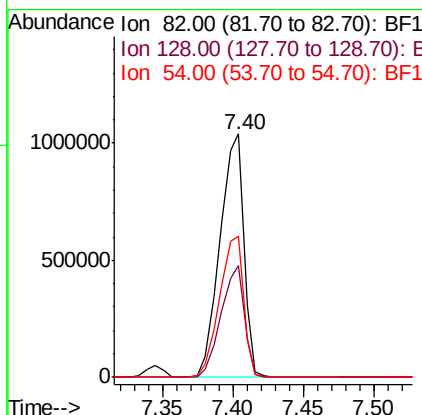
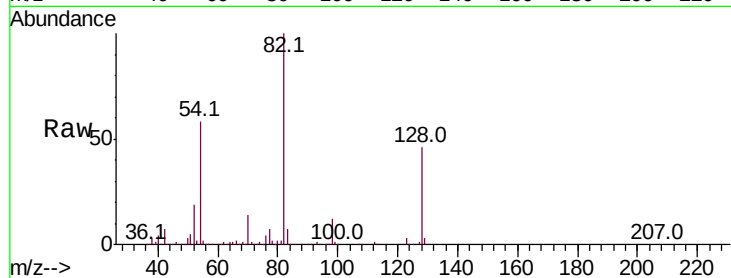


#23
 Nitrobenzene-d5
 Concen: 76.955 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1225228

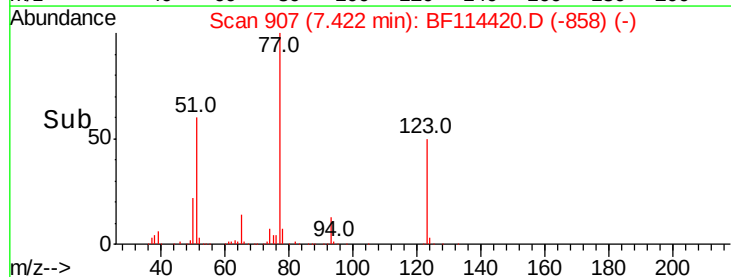
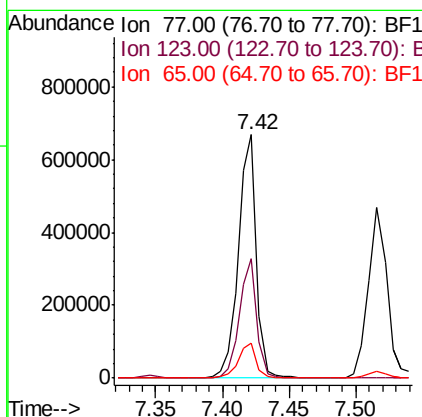
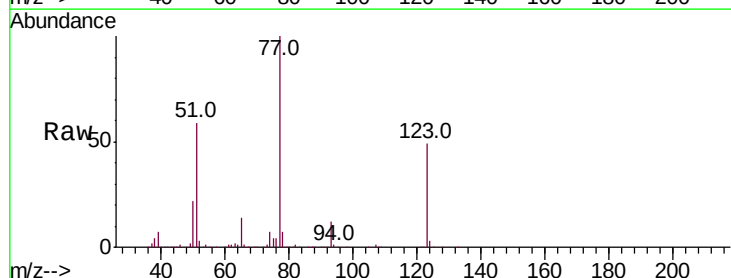
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	58.0	48.5	72.7

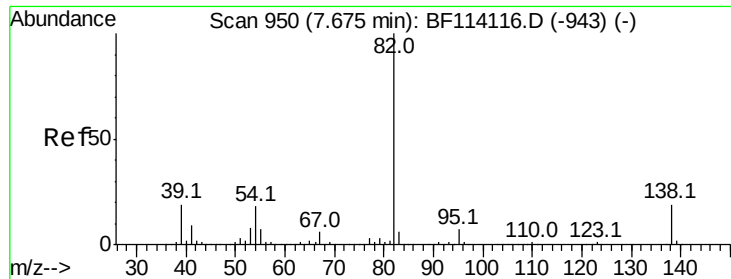


#24
 Nitrobenzene
 Concen: 38.474 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion: 77 Resp: 623888

Ion	Ratio	Lower	Upper
77	100		
123	49.3	36.9	55.3
65	14.3	11.8	17.6





#25

Isophorone

Concen: 38.863 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampled :

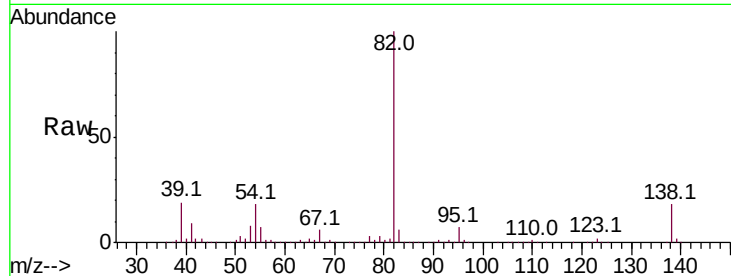
Tot Ion: 82 Resp: 1147545

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

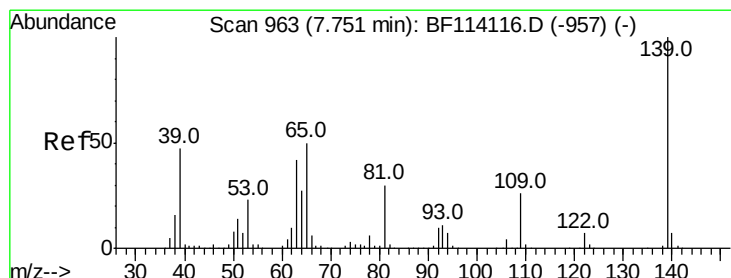
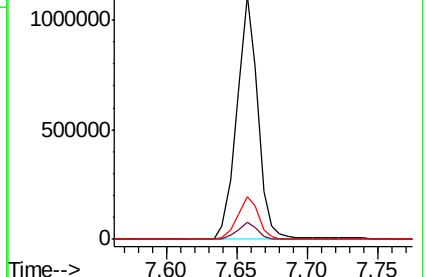
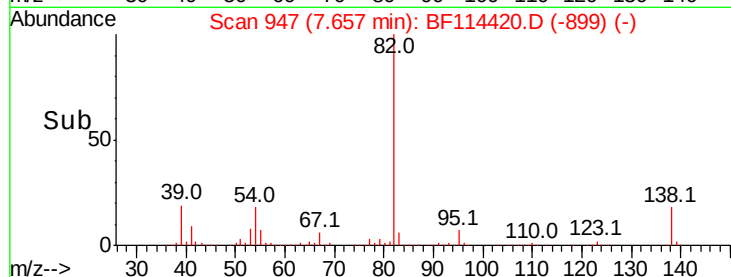
138 17.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.221 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

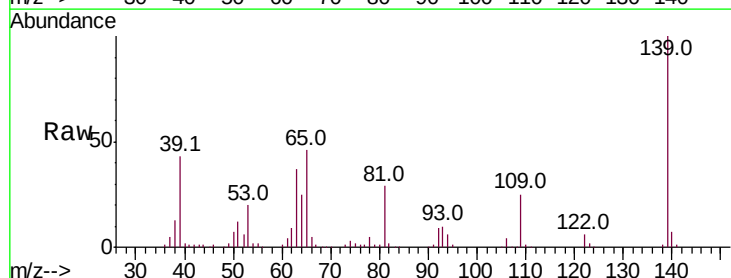
Tgt Ion: 139 Resp: 316434

Ion Ratio Lower Upper

139 100

109 24.8 20.7 31.1

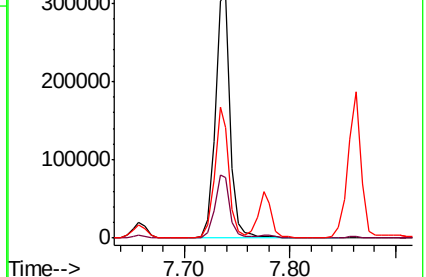
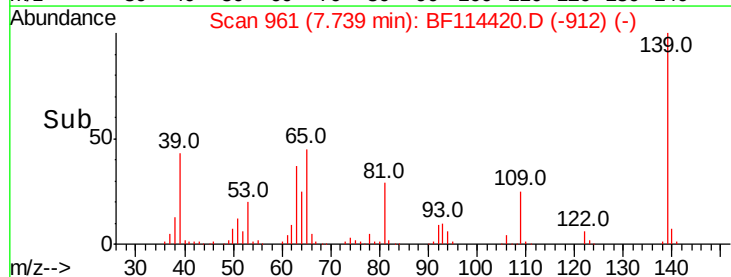
65 45.6 40.2 60.2

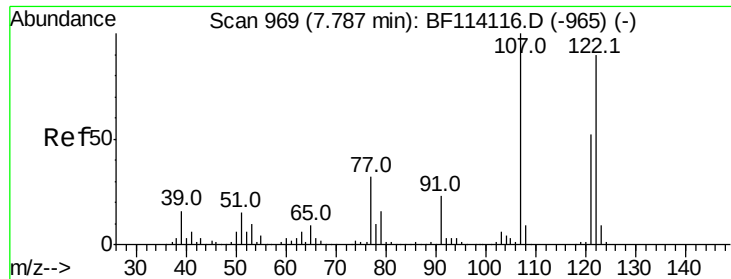


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

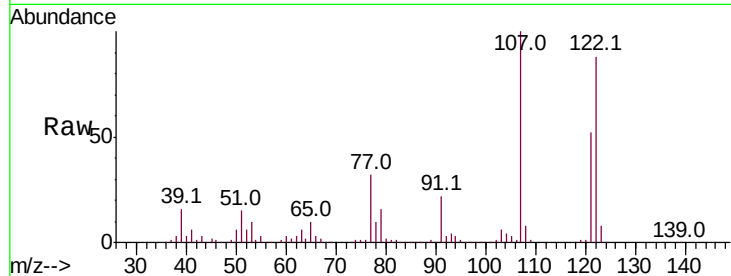




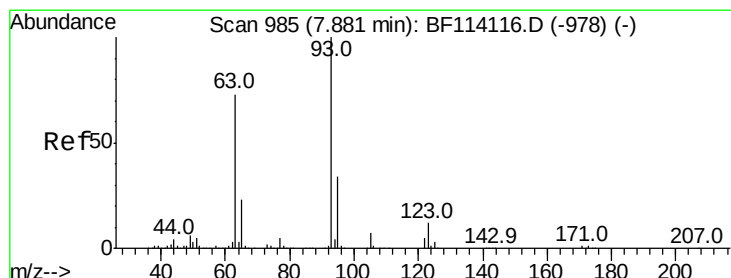
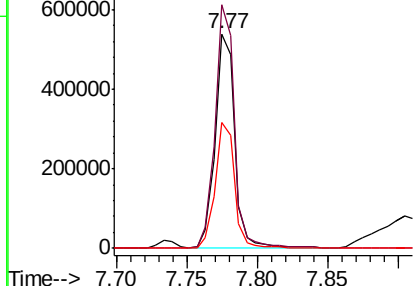
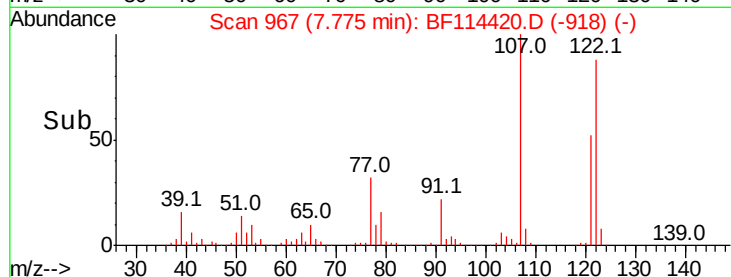
#27
 2,4-Dimethylphenol
 Concen: 41.957 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 518439
 Ion Ratio Lower Upper
 122 100
 107 113.6 88.4 132.6
 121 58.8 45.9 68.9

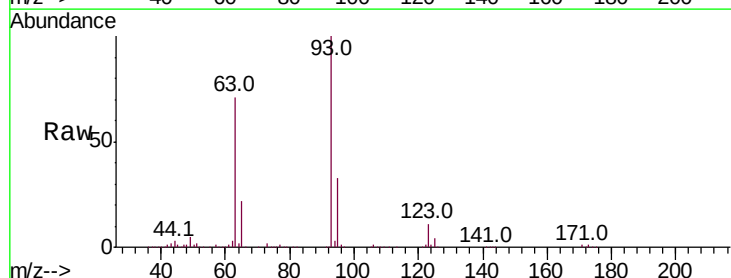


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

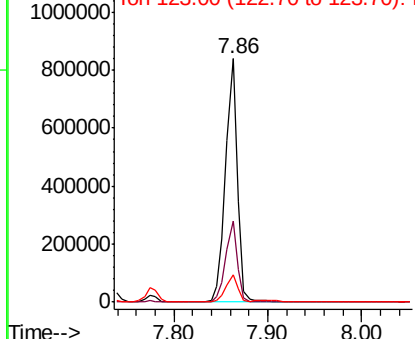
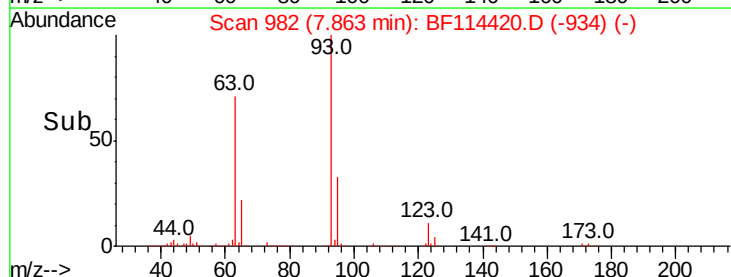


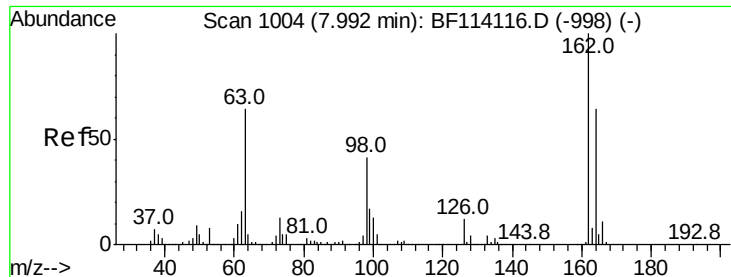
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.523 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion: 93 Resp: 738058
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.8 40.2
 123 11.2 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

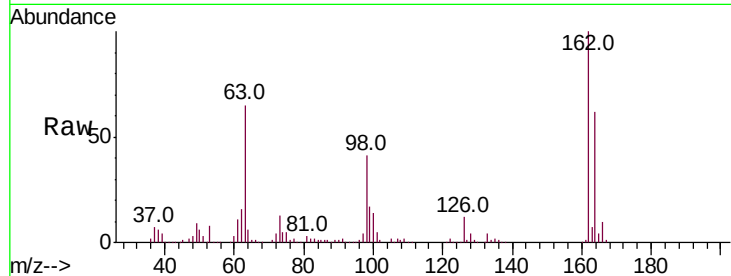




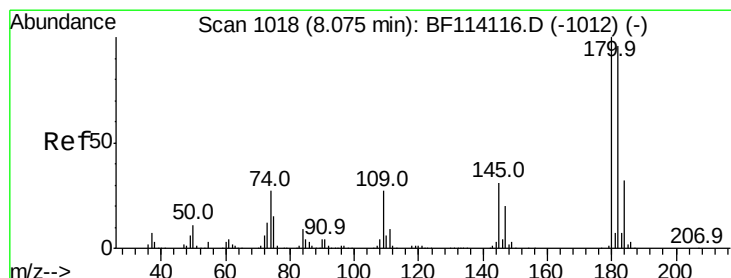
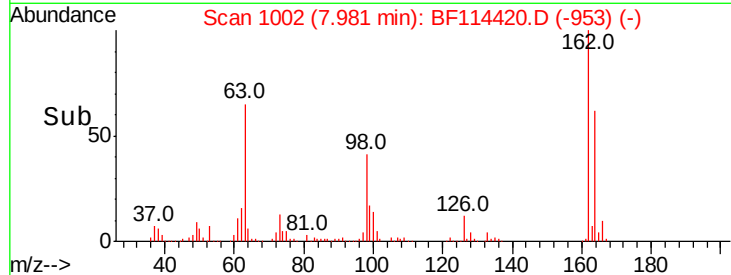
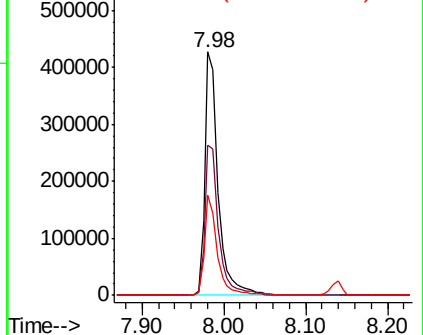
#29
2,4-Dichlorophenol
Concen: 39.478 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 485731
Ion Ratio Lower Upper
162 100
164 61.7 43.6 83.6
98 41.3 20.6 60.6

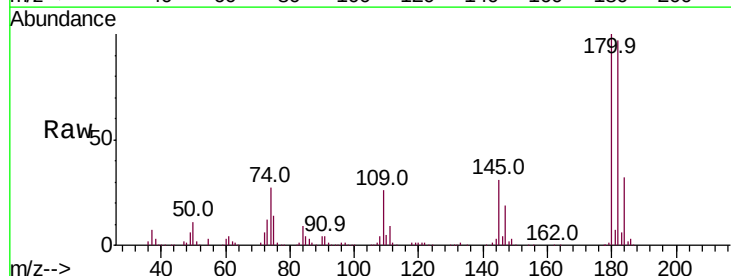


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

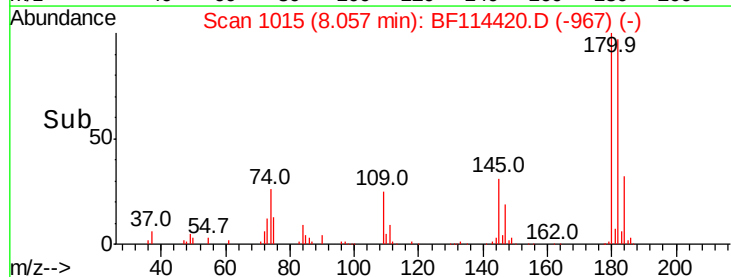
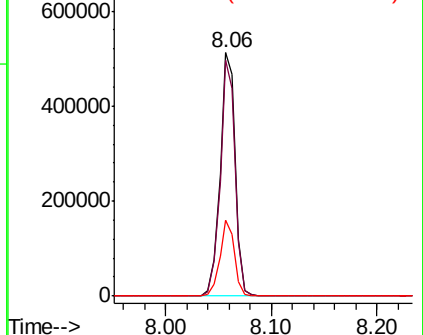


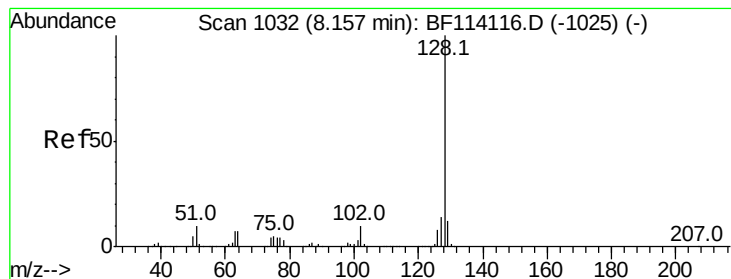
#30
1,2,4-Trichlorobenzene
Concen: 36.973 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:180 Resp: 517295
Ion Ratio Lower Upper
180 100
182 96.8 76.6 114.8
145 31.4 25.1 37.7



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





#31

Naphthalene

Concen: 39.136 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampled :

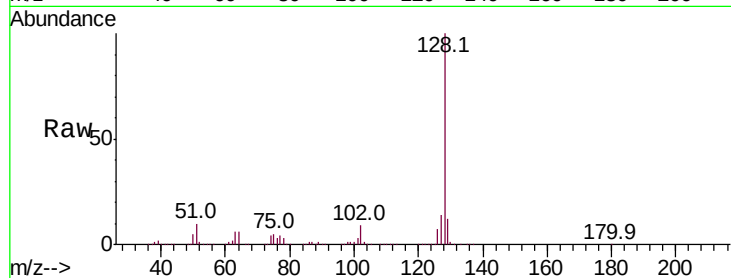
Tot Ion:128 Resp: 1633418

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

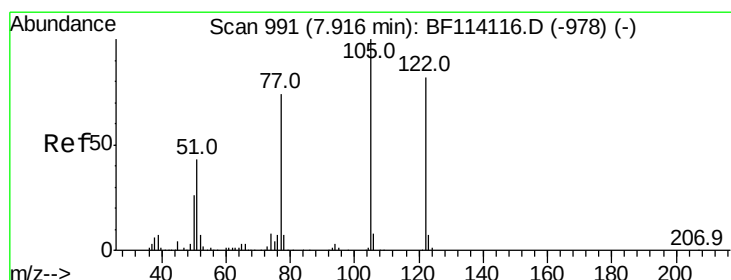
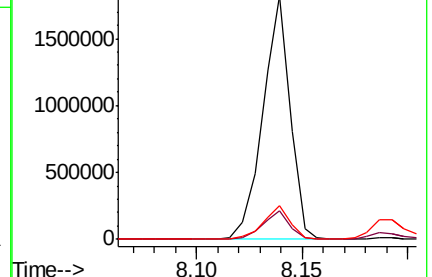
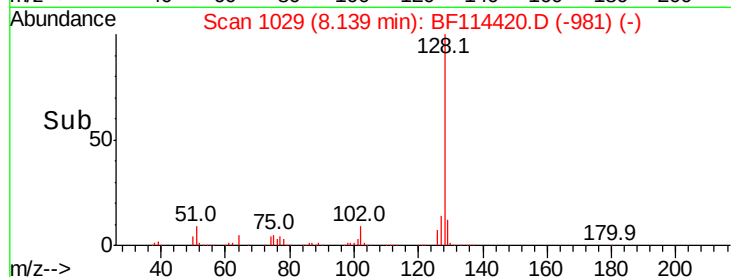
127 13.7 11.3 16.9



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: 25.657 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

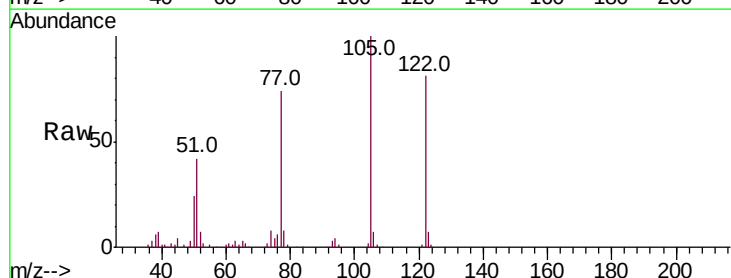
Tgt Ion:122 Resp: 192329

Ion Ratio Lower Upper

122 100

105 124.1 99.9 139.9

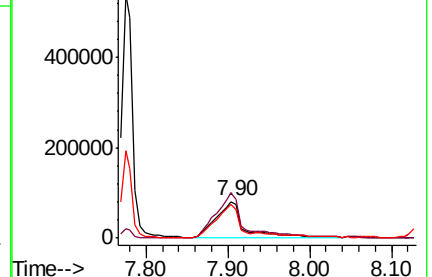
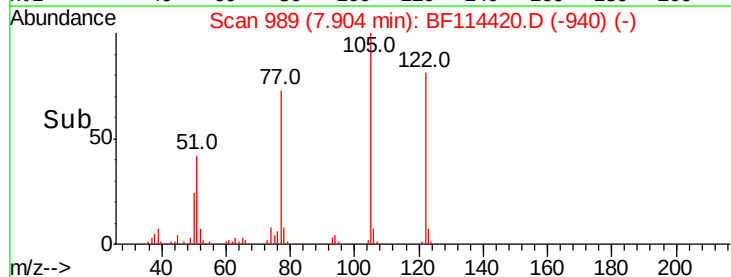
77 92.1 69.4 109.4

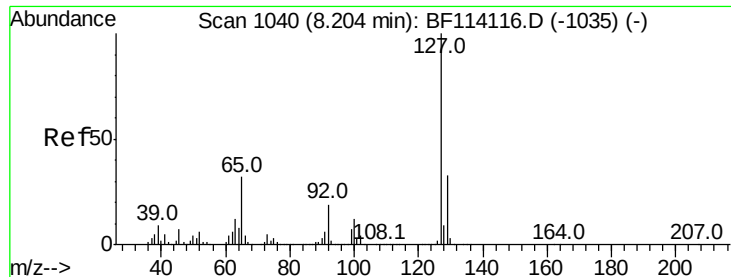


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

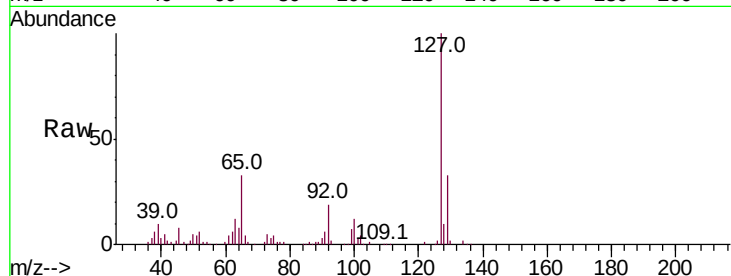




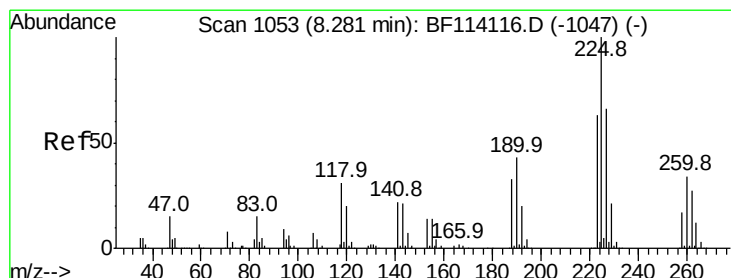
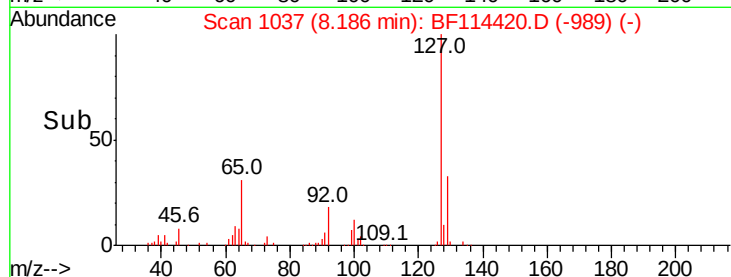
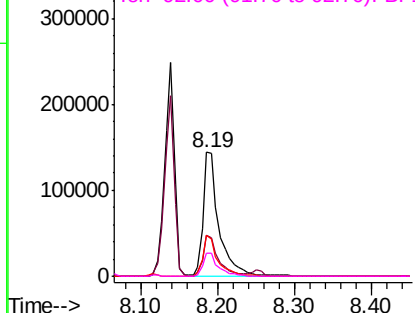
#33
4-Chloroaniline
Concen: 10.912 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	207537
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.7	40.1
65	33.0	25.4	38.0
92	18.5	15.4	23.2

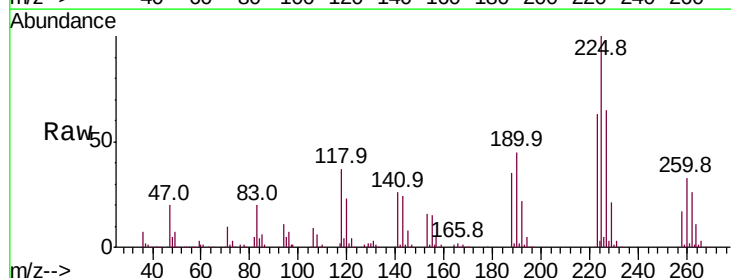


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

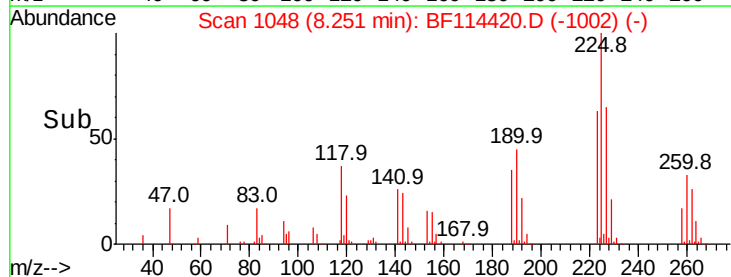
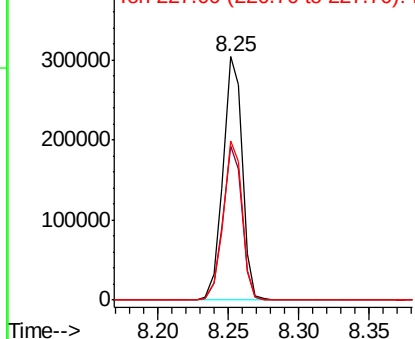


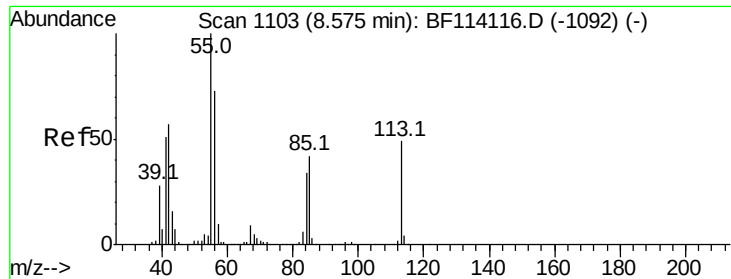
#34
Hexachlorobutadiene
Concen: 36.133 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:	225	Resp:	287651
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.2	75.2
227	65.1	52.6	79.0



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

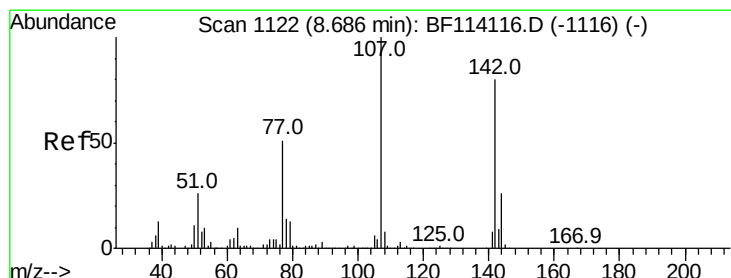
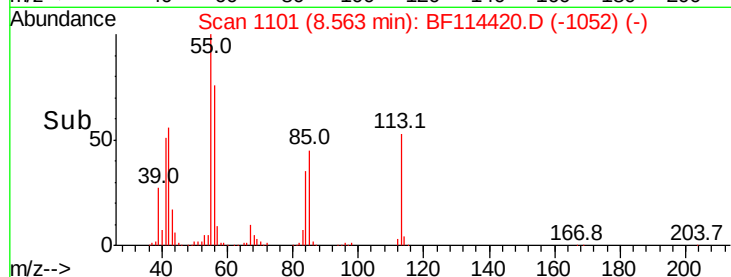
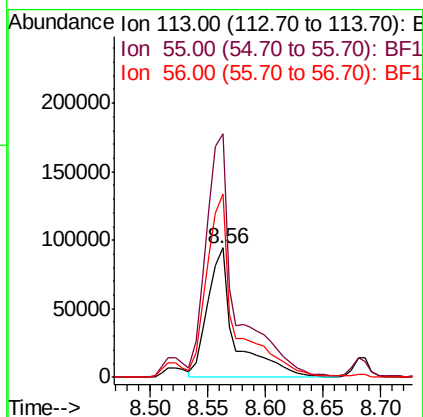
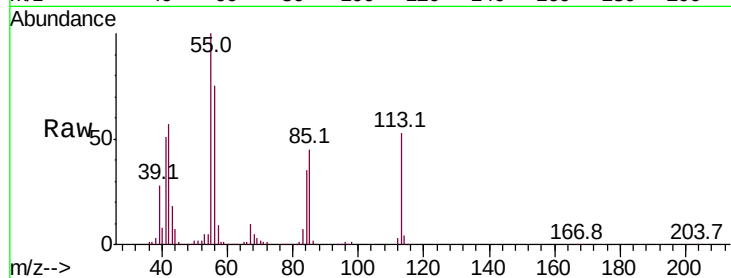




#35
Caprolactam
Concen: 38.631 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

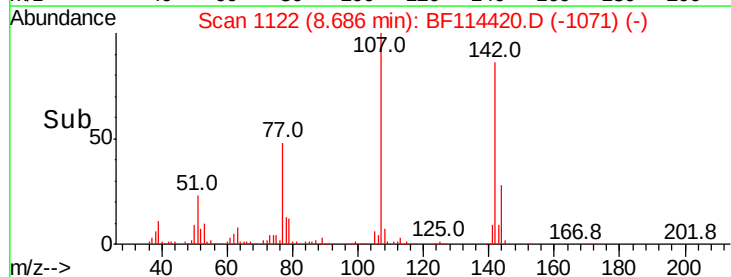
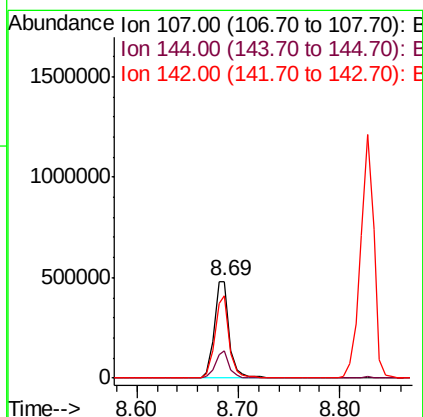
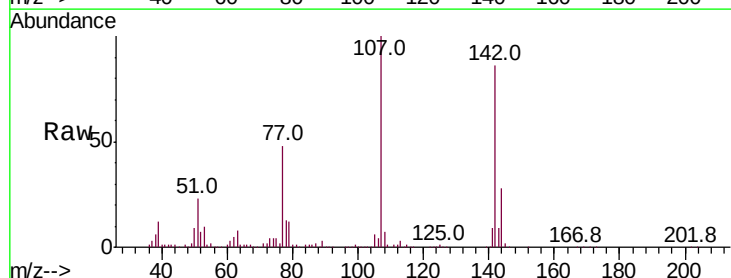
Instrument :
BNA_F
ClientSampleId :

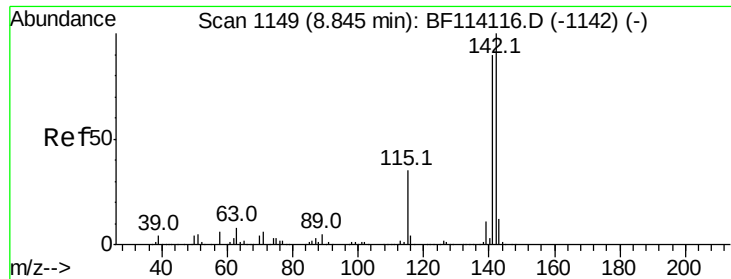
Tot Ion:113 Resp: 154989
Ion Ratio Lower Upper
113 100
55 187.9 183.5 223.5
56 141.4 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 40.188 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:107 Resp: 497724
Ion Ratio Lower Upper
107 100
144 27.6 20.4 30.6
142 85.6 64.2 96.4

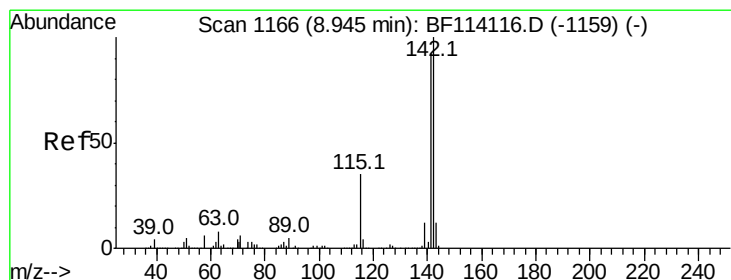
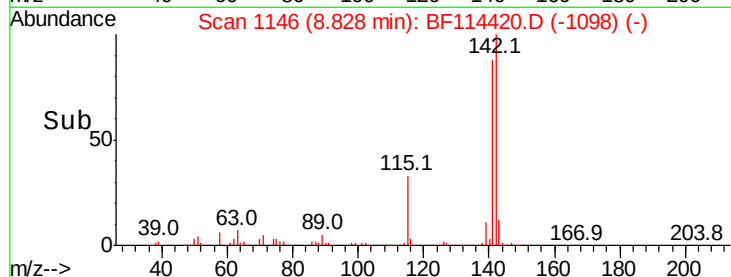
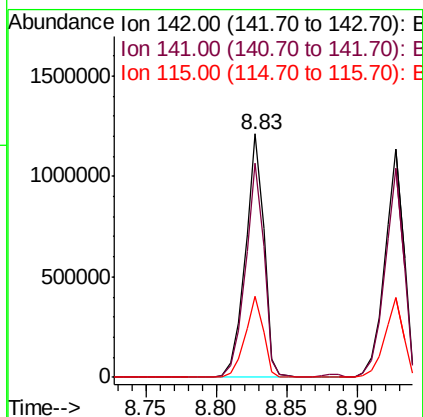
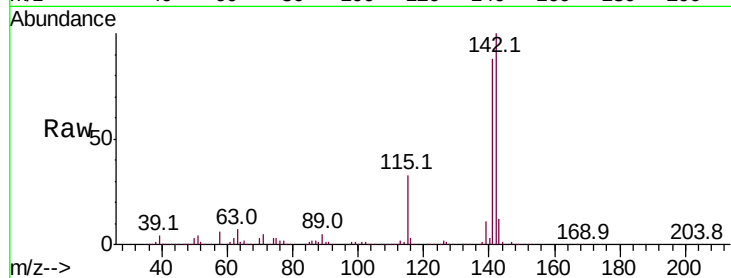




#37
2-Methylnaphthalene
Concen: 41.071 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

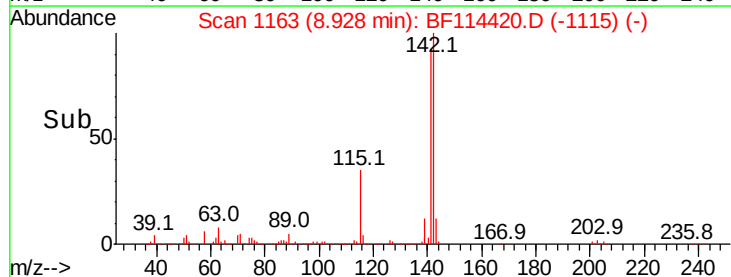
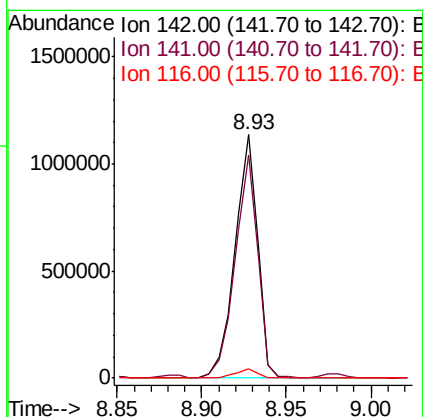
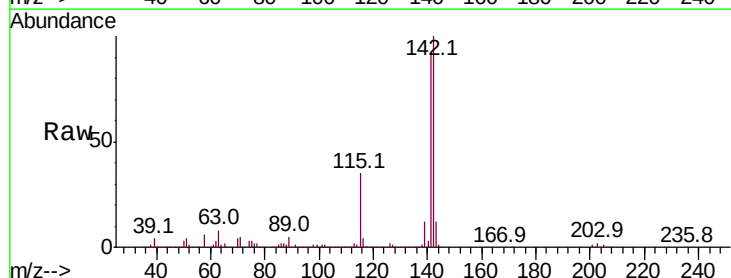
Instrument :
BNA_F
ClientSampleId :

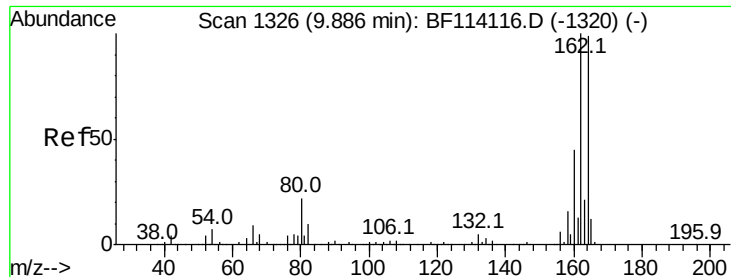
Tot Ion:142 Resp: 1105969
Ion Ratio Lower Upper
142 100
141 88.2 72.1 108.1
115 33.5 28.0 42.0



#38
1-Methylnaphthalene
Concen: 41.330 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:142 Resp: 1048078
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0
116 3.7 3.1 4.7

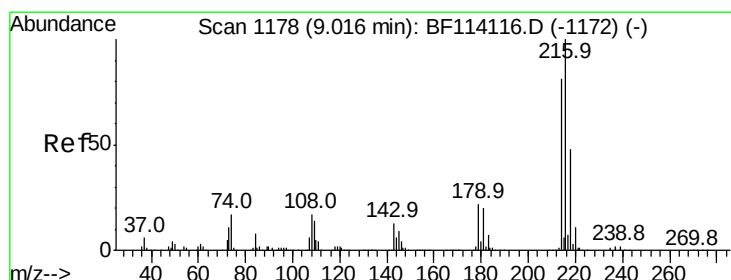
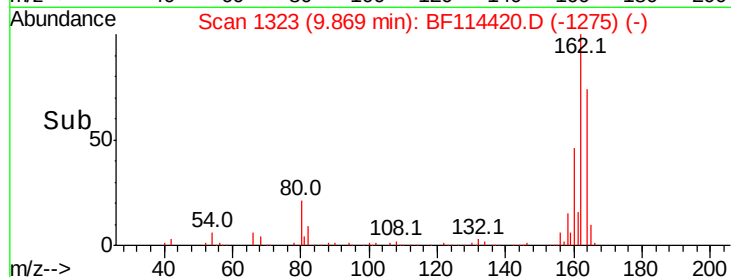
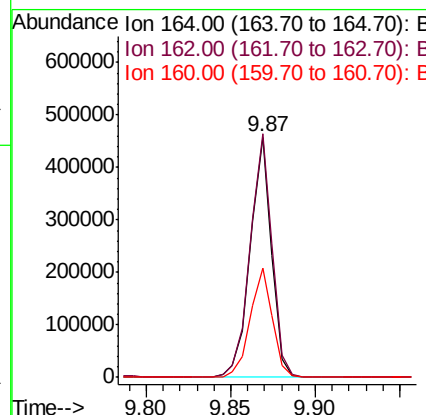
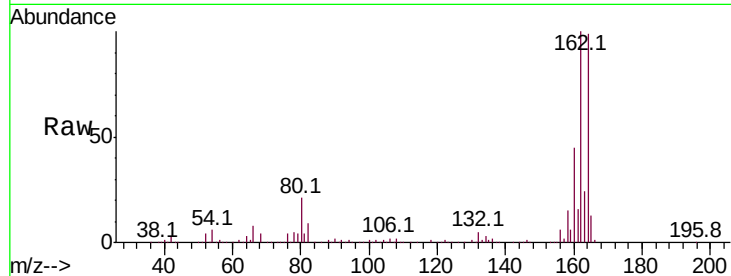




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

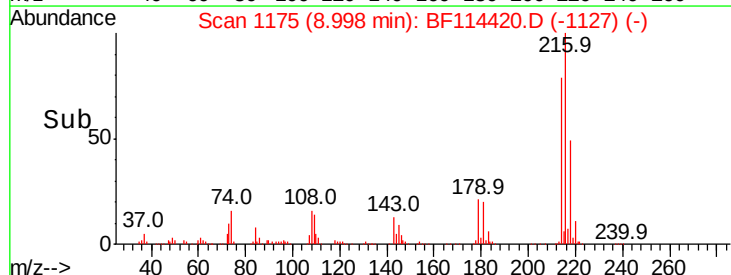
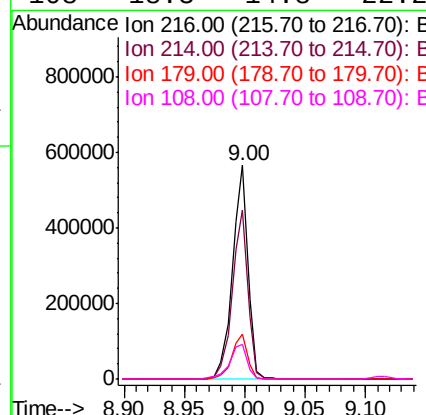
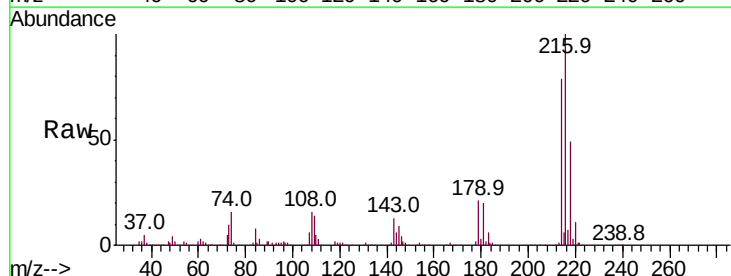
Instrument :
 BNA_F
 ClientSampleId :

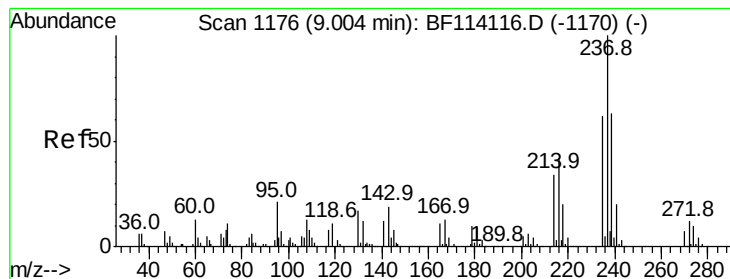
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	45.6	36.5	54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.044 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.9	95.9
179	21.0	17.0	25.6
108	18.3	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 28.961 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampled :

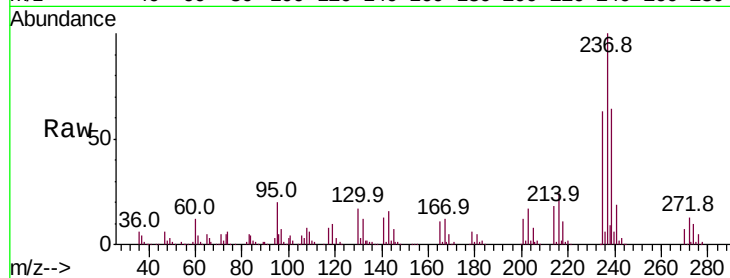
Tot Ion:237 Resp: 148420

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

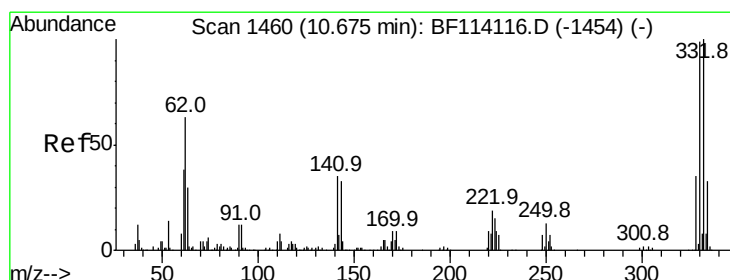
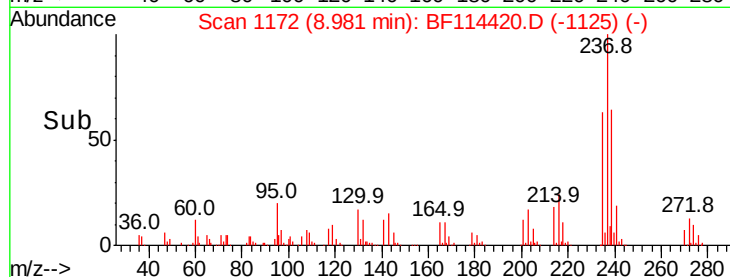
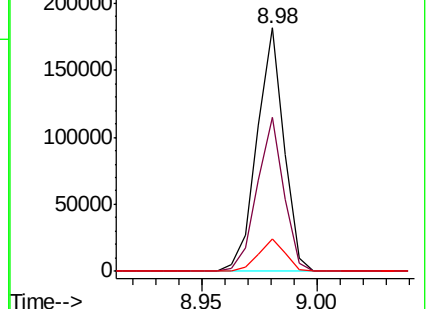
272 13.2 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 98.474 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

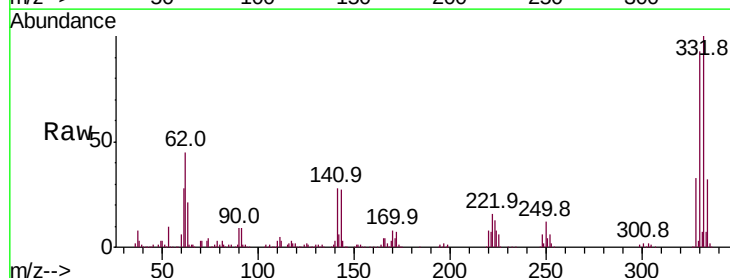
Tgt Ion:330 Resp: 411096

Ion Ratio Lower Upper

330 100

332 105.2 81.4 122.2

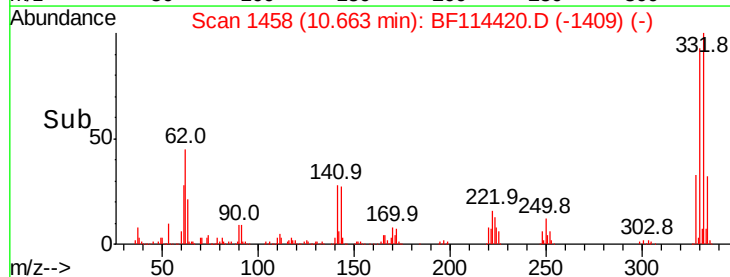
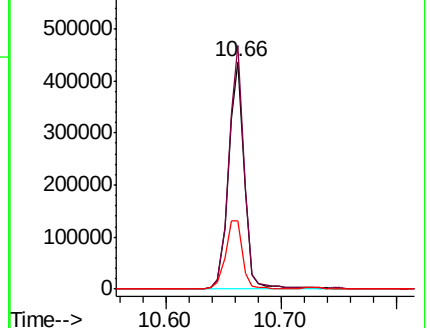
141 33.2 26.6 40.0

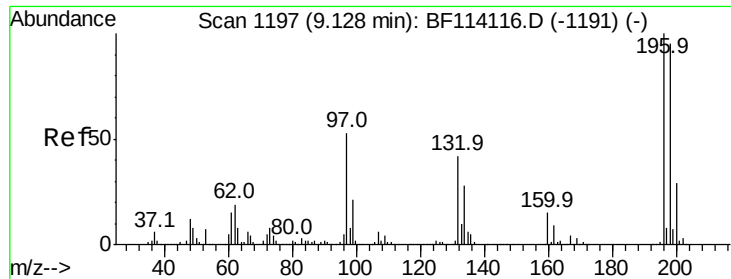


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

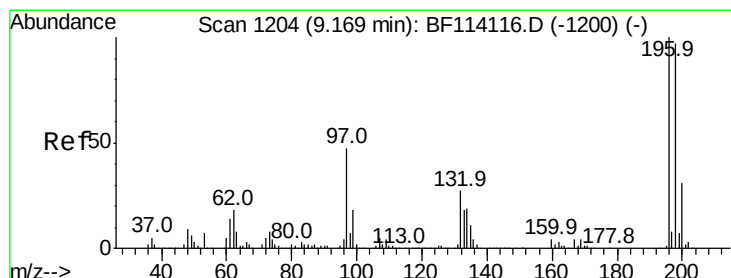
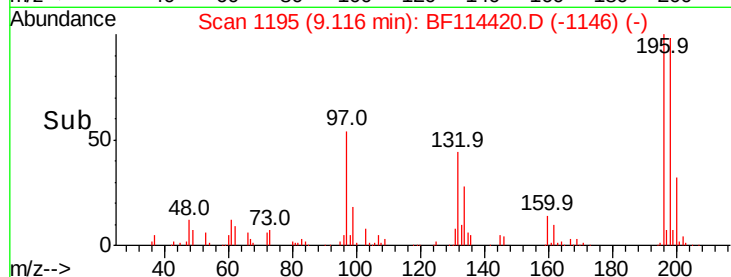
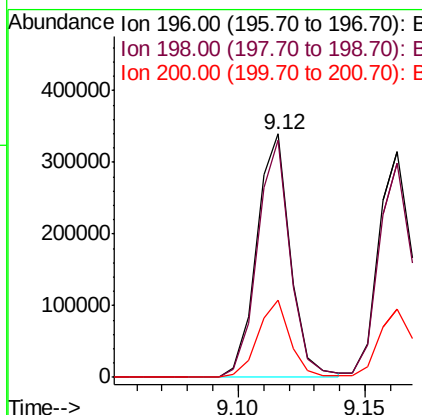
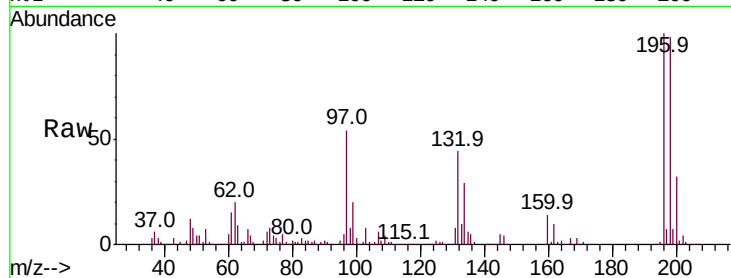




#43
 2,4,6-Trichlorophenol
 Concen: 37.448 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

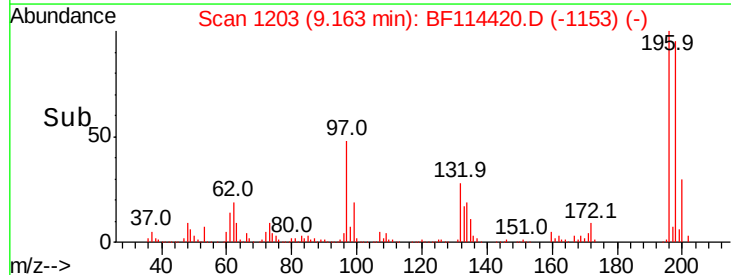
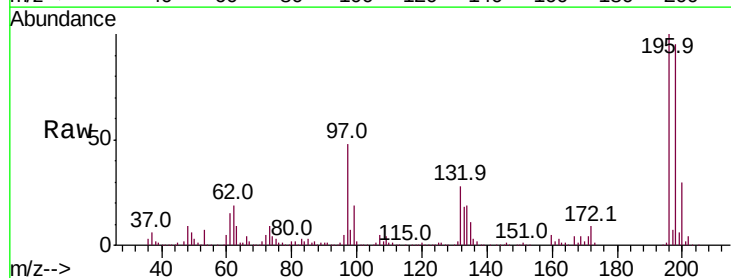
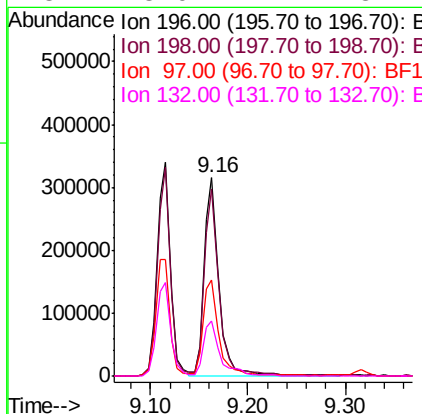
Instrument :
 BNA_F
 ClientSampleId :

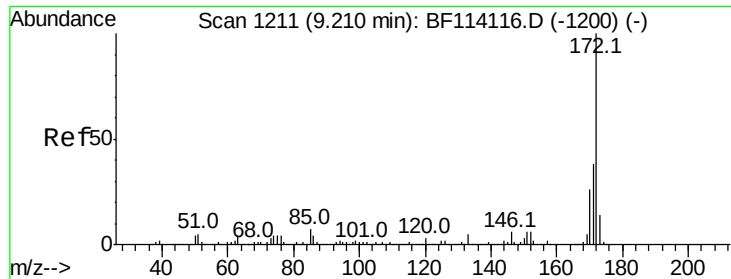
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	75.9	113.9
200	31.6	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.177 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.7	116.5
97	48.3	38.2	57.2
132	28.0	21.4	32.2

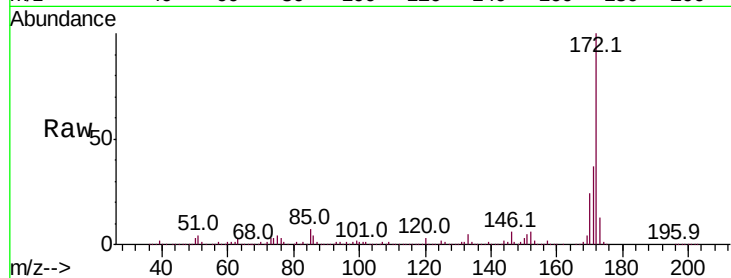




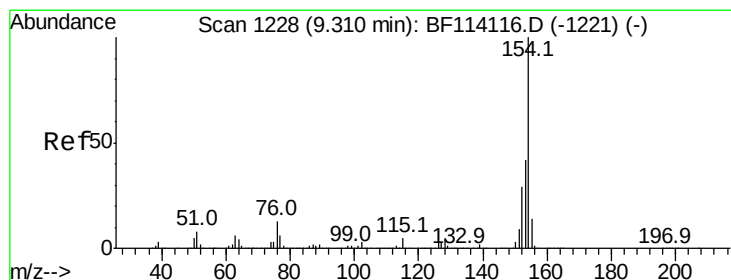
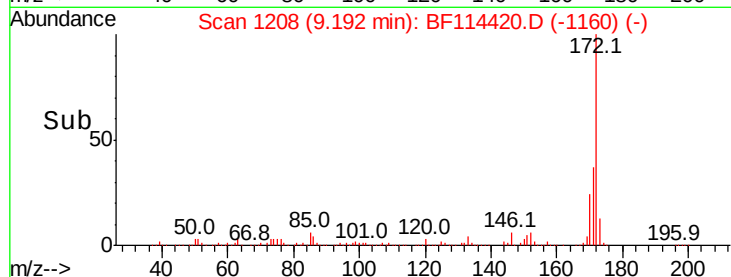
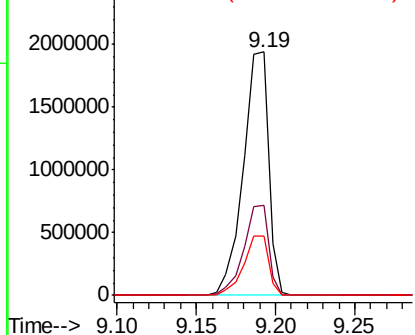
#45
2-Fluorobiphenyl
Concen: 80.586 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2151247
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.4 20.5 30.7

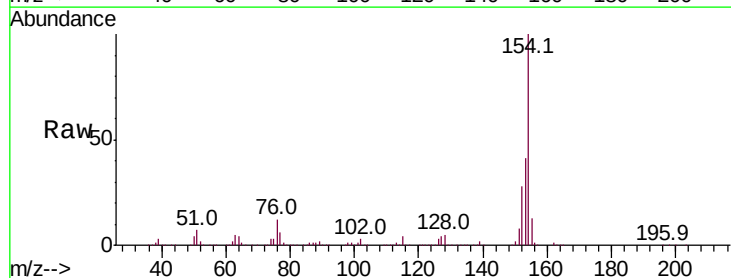


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

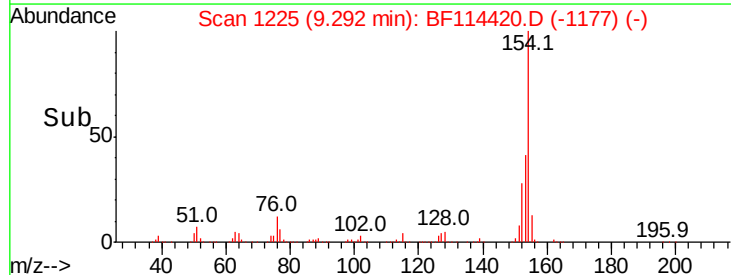
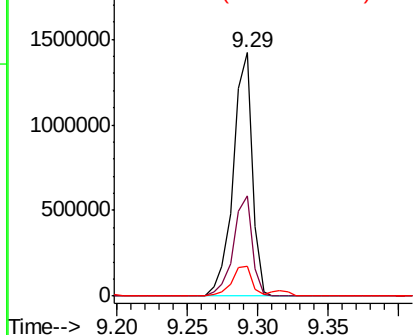


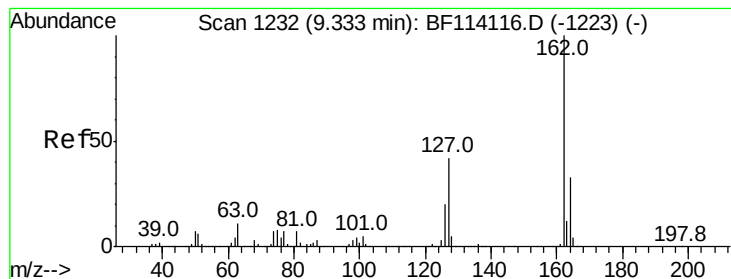
#46
1,1'-Biphenyl
Concen: 41.076 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:154 Resp: 1339977
Ion Ratio Lower Upper
154 100
153 41.0 21.9 61.9
76 12.3 0.0 32.8



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





#47

2-Chloronaphthalene

Concen: 39.405 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

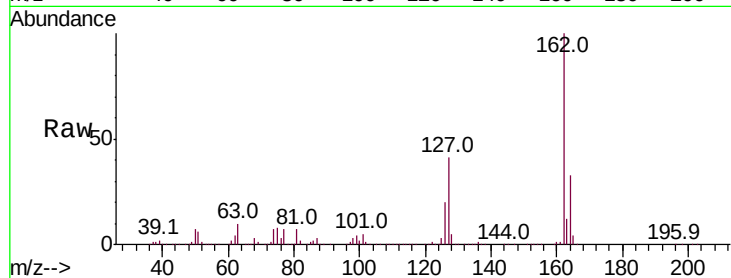
Tot Ion:162 Resp: 1034541

Ion Ratio Lower Upper

162 100

127 41.1 34.0 51.0

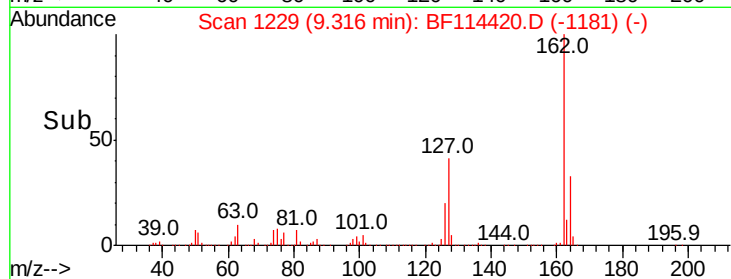
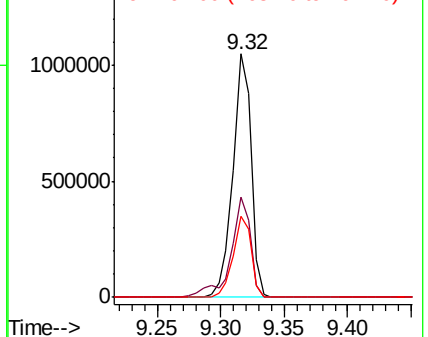
164 33.1 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.021 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

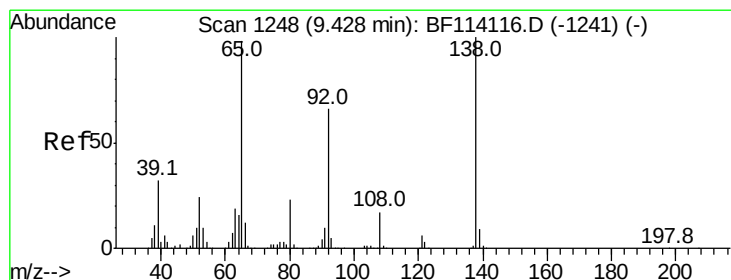
Tgt Ion: 65 Resp: 344699

Ion Ratio Lower Upper

65 100

92 65.4 53.9 80.9

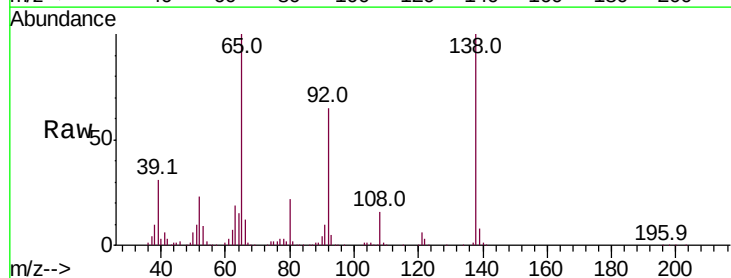
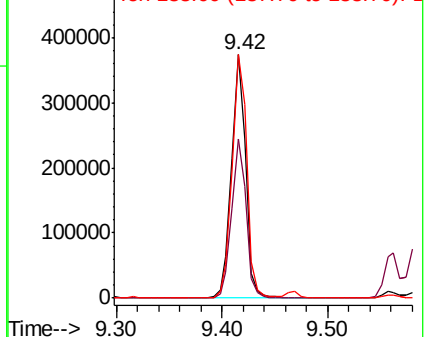
138 100.2 81.4 122.0

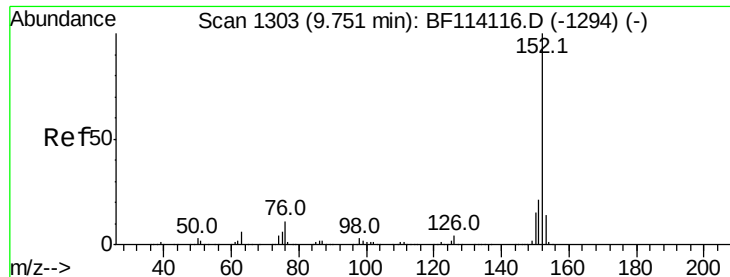


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.214 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

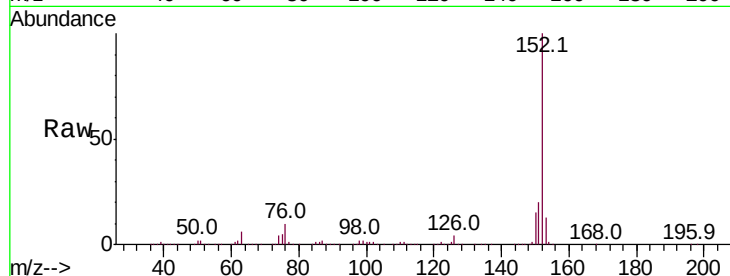
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1605757

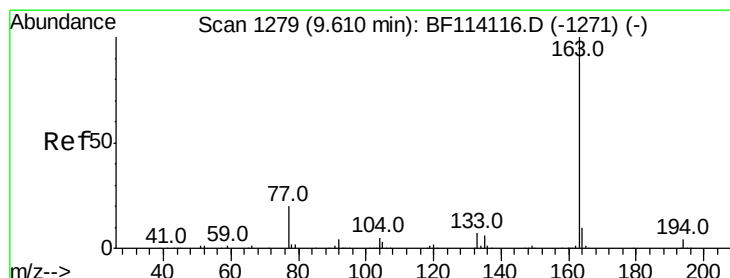
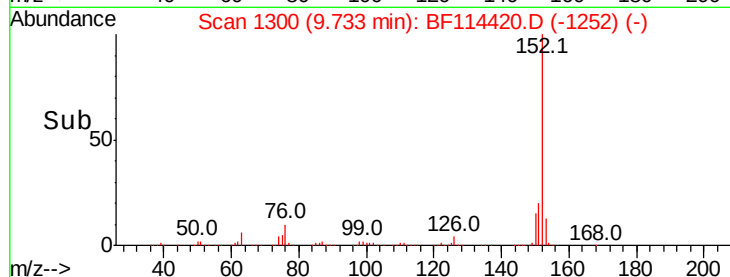
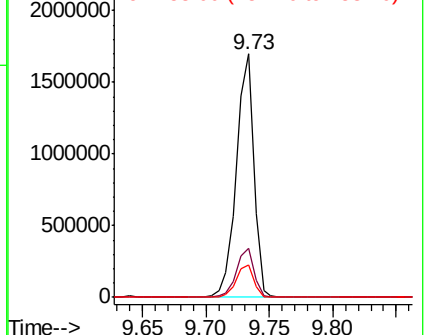
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.4	11.4	17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.517 ng

RT: 9.59 min Scan# 1275

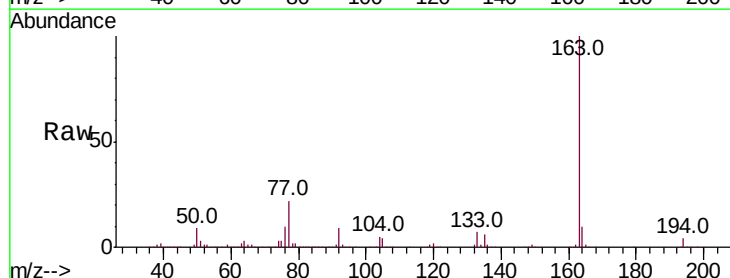
Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Tgt Ion:163 Resp: 1201047

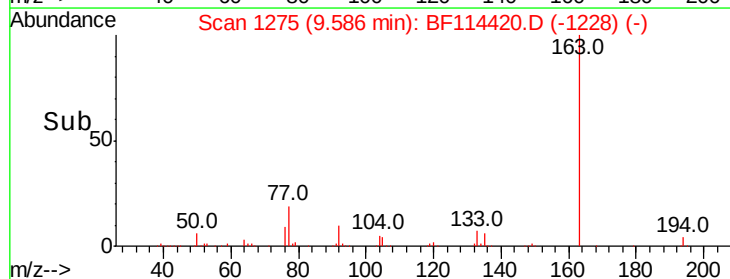
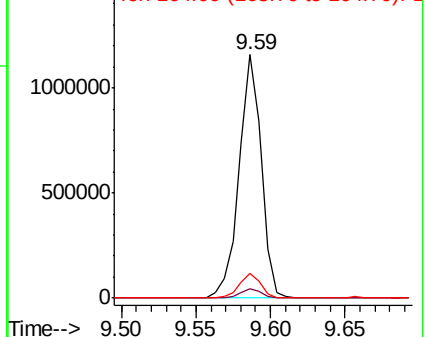
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	8.2	12.2

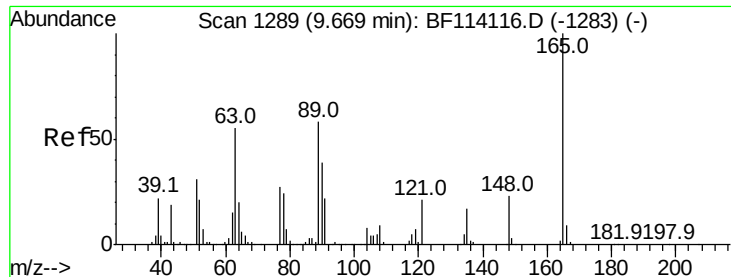


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

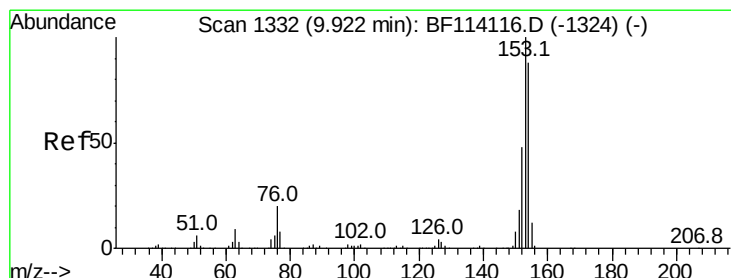
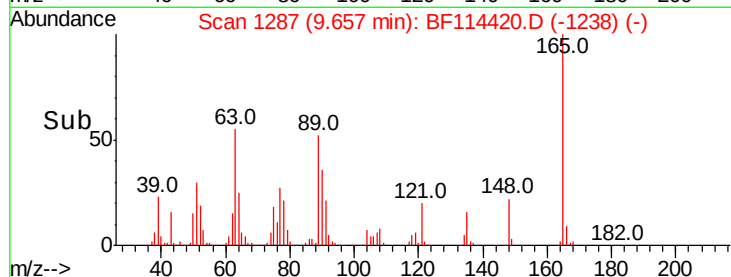
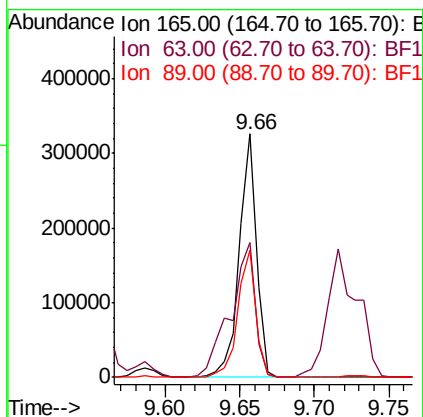
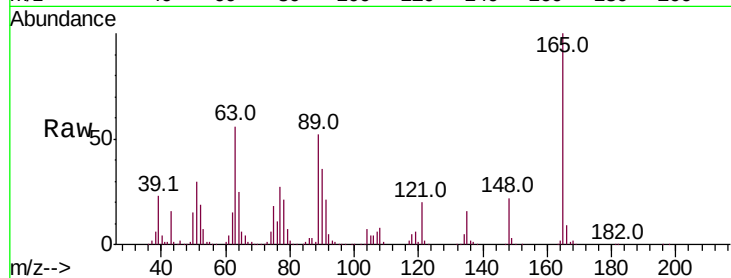




#51
 2,6-Dinitrotoluene
 Concen: 40.455 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

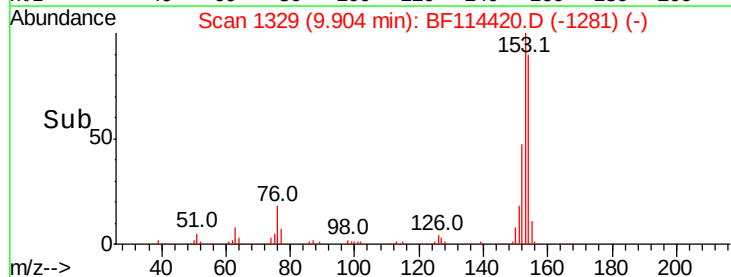
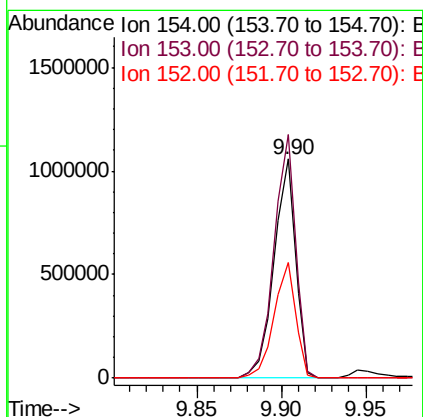
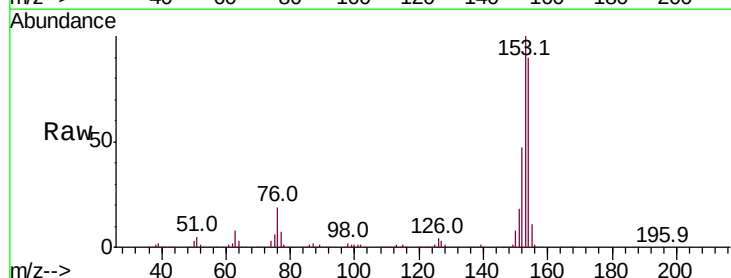
Instrument :
 BNA_F
 ClientSampled :

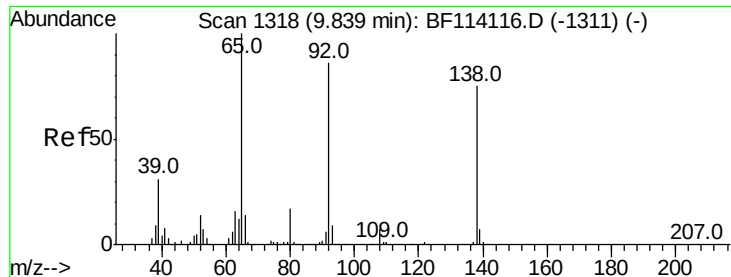
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.5	50.2	75.4
89	52.5	46.6	69.8



#52
 Acenaphthene
 Concen: 38.419 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.5	135.7
152	52.8	43.4	65.2

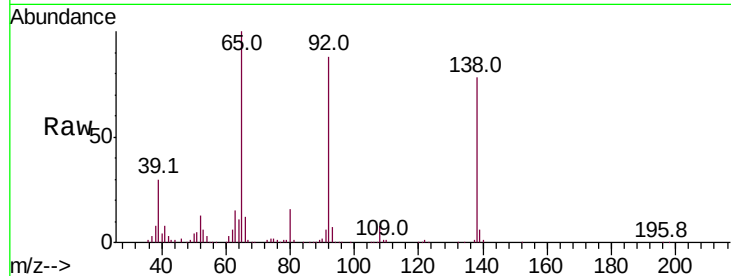




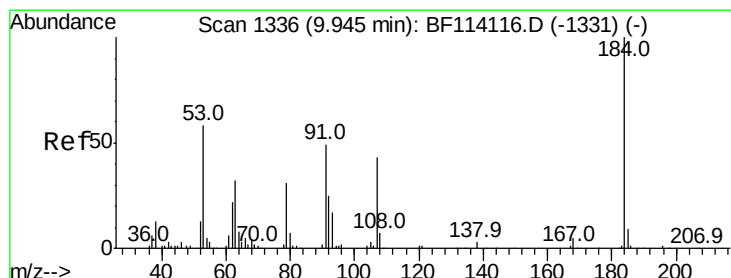
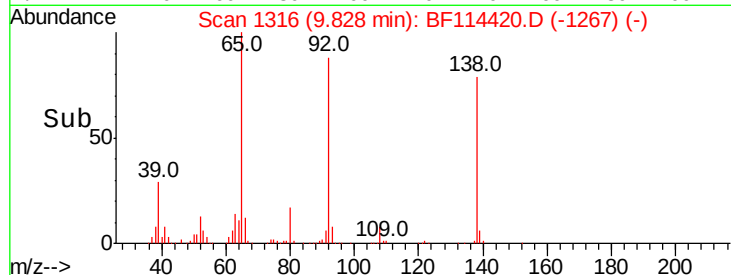
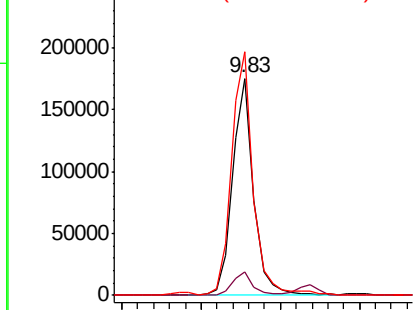
#53
3-Nitroaniline
Concen: 19.795 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 161557
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.6
92 112.3 91.2 136.8

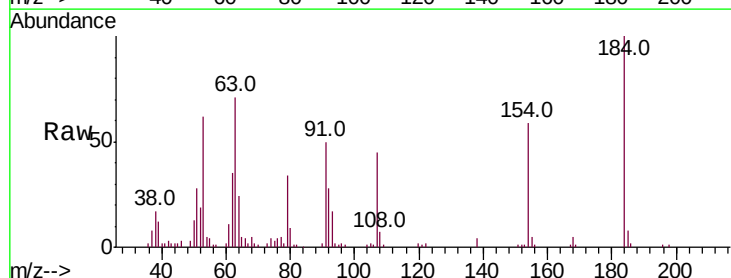


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

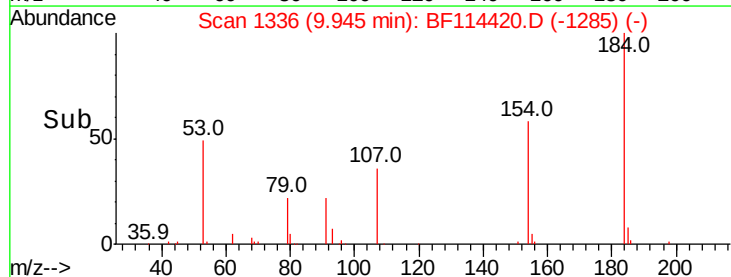
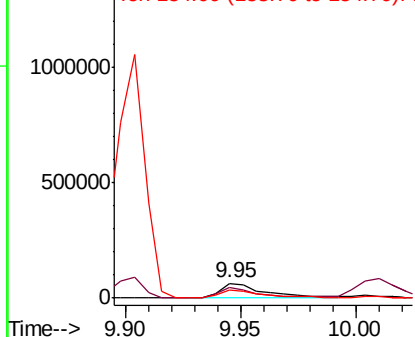


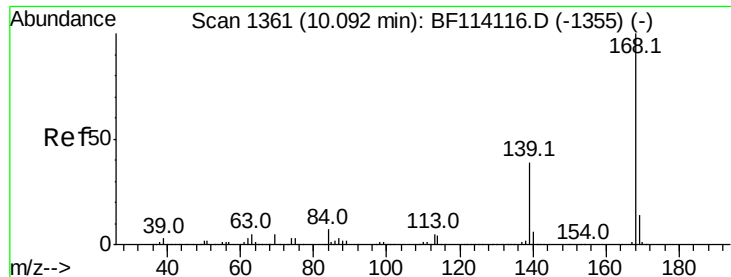
#54
2,4-Dinitrophenol
Concen: 30.734 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:184 Resp: 86612
Ion Ratio Lower Upper
184 100
63 70.5 55.6 83.4
154 58.8 46.0 69.0



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





#55

Dibenzofuran

Concen: 38.007 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

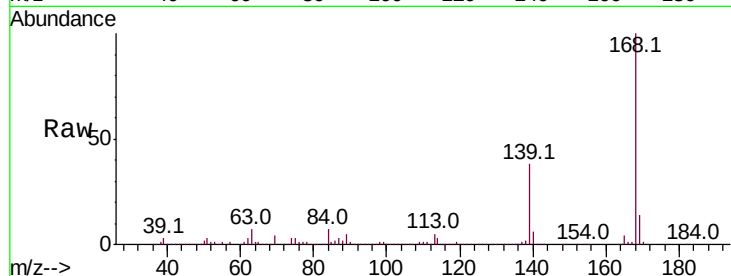
Tot Ion:168 Resp: 1365596

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

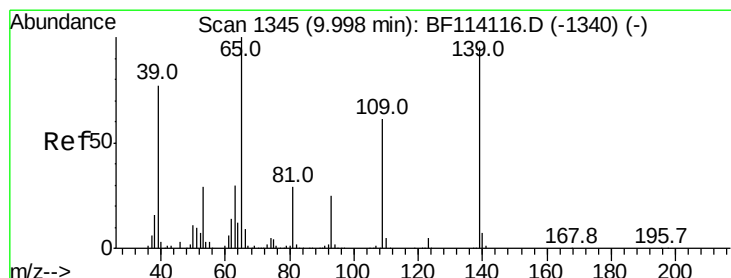
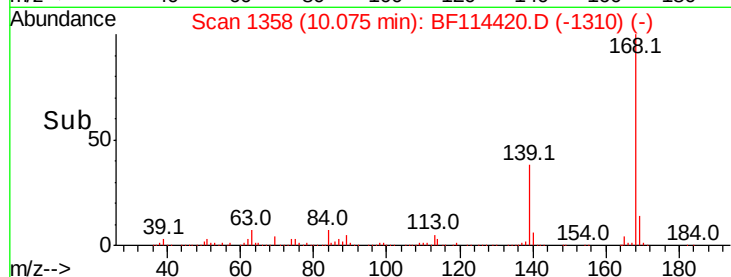
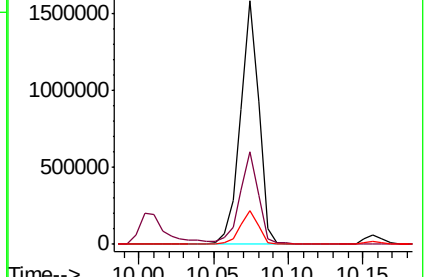
169 14.1 11.4 17.0



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: 43.020 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

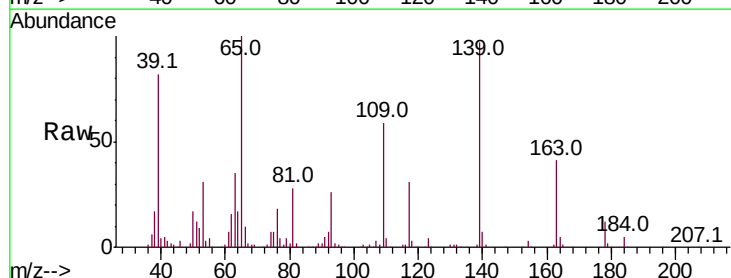
Tgt Ion:139 Resp: 248305

Ion Ratio Lower Upper

139 100

109 60.9 43.9 83.9

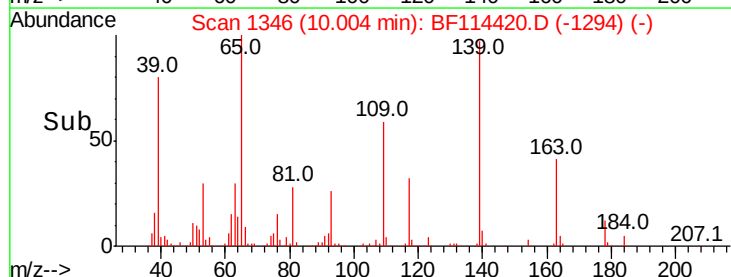
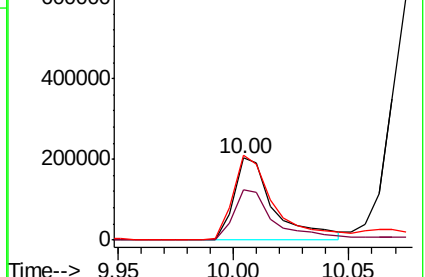
65 103.4 85.7 125.7

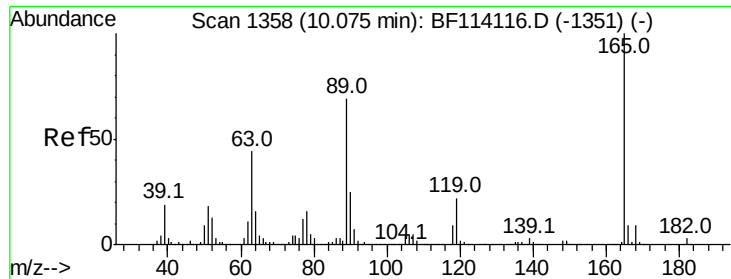


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

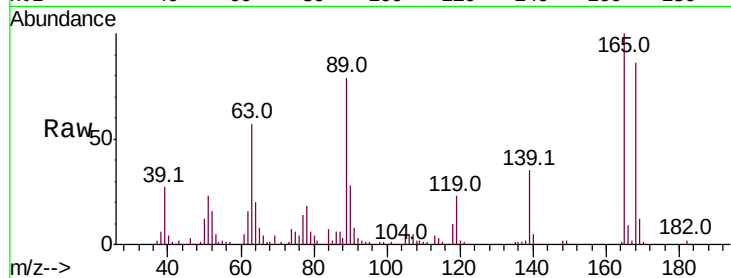




#57
 2,4-Dinitrotoluene
 Concen: 35.559 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	35.5	53.3#
89	79.1	55.2	82.8
182	2.3	2.2	3.2



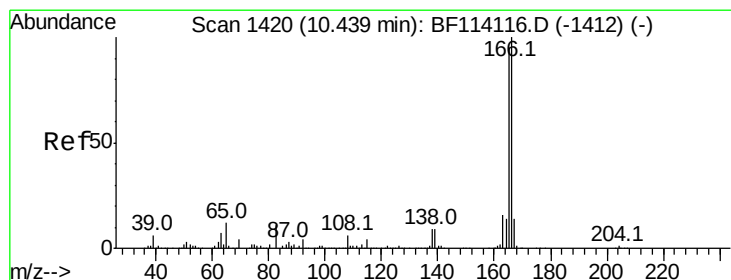
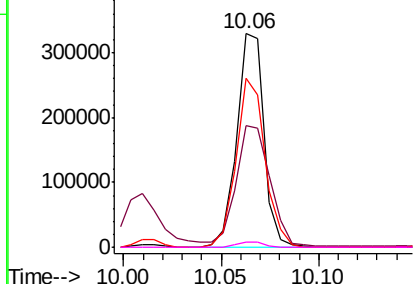
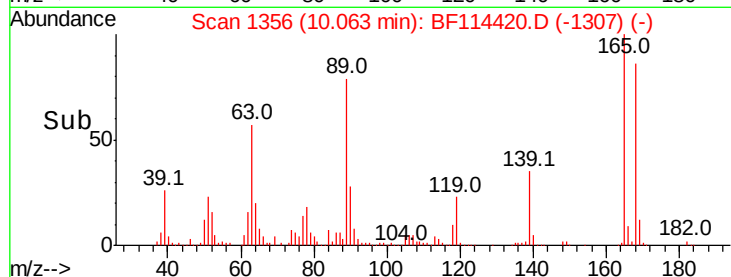
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

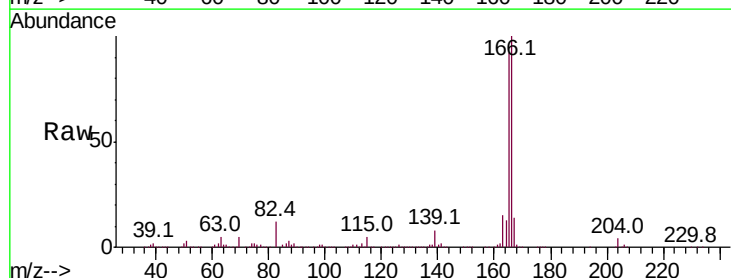
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.320 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.4	76.1	114.1
167	13.9	11.1	16.7

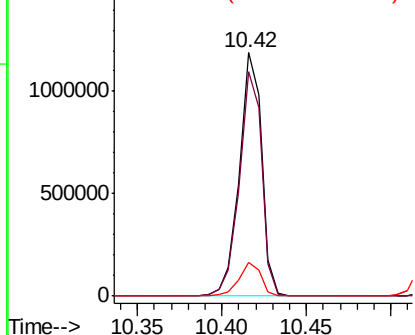
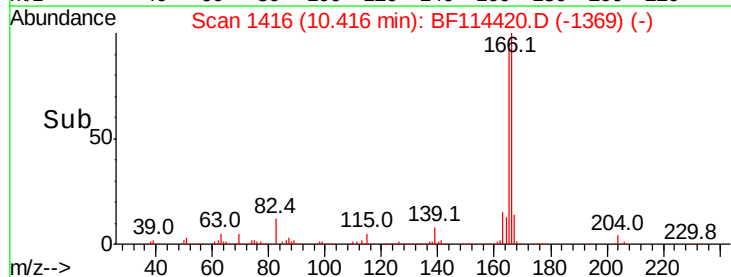


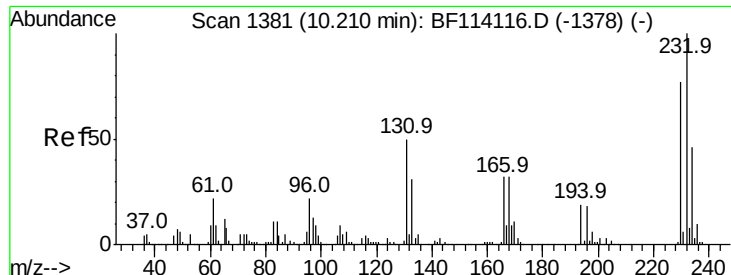
Abundance

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

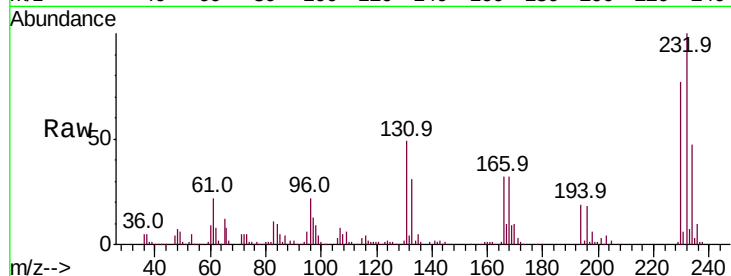




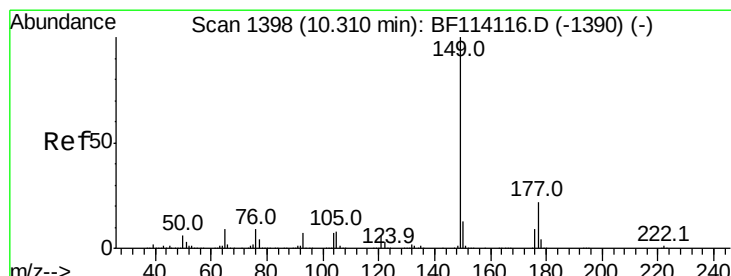
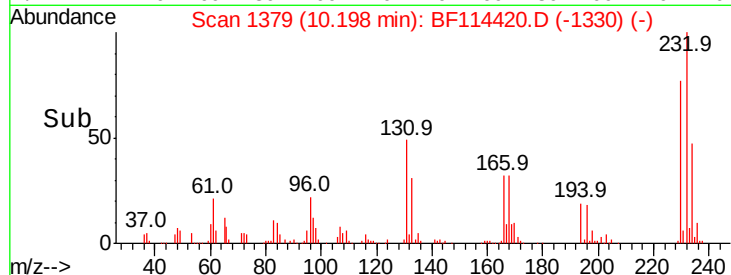
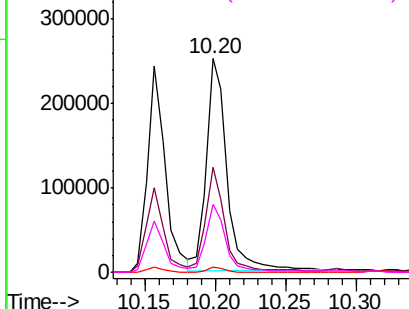
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.495 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	256815
Ion	Ratio	Lower	Upper
232	100		
131	44.3	35.6	53.4
130	2.1	1.6	2.4
166	30.1	24.1	36.1

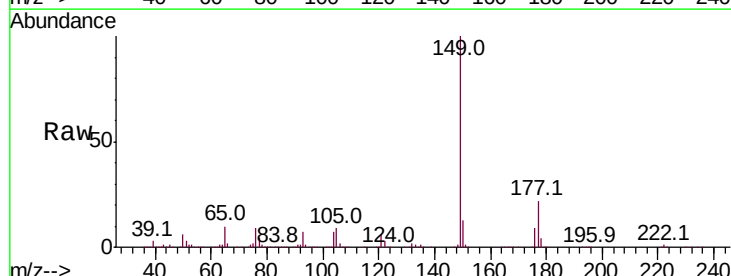


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

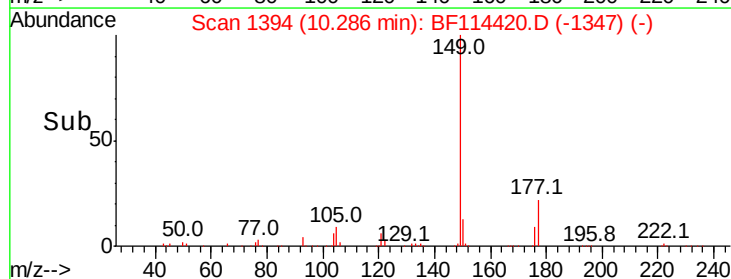
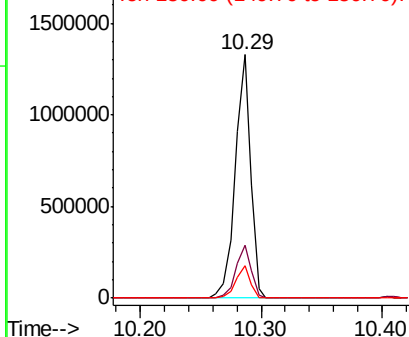


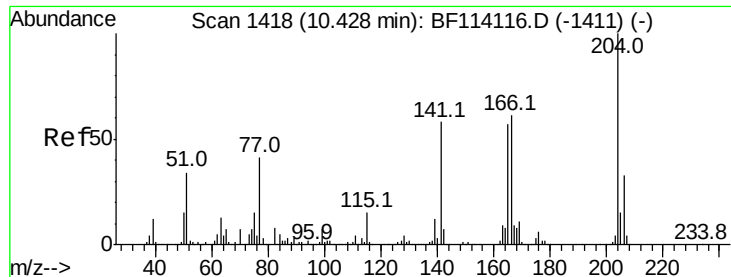
#60
 Diethylphthalate
 Concen: 39.273 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion:	149	Resp:	1182881
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.6
150	13.1	10.2	15.2



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

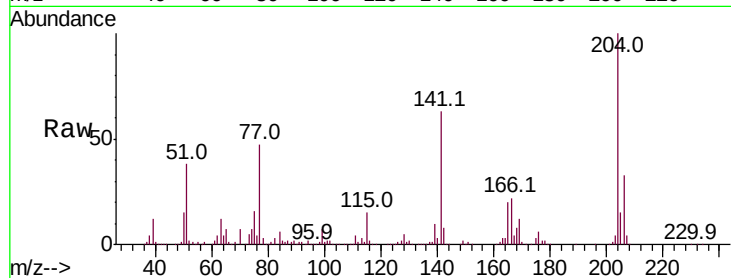




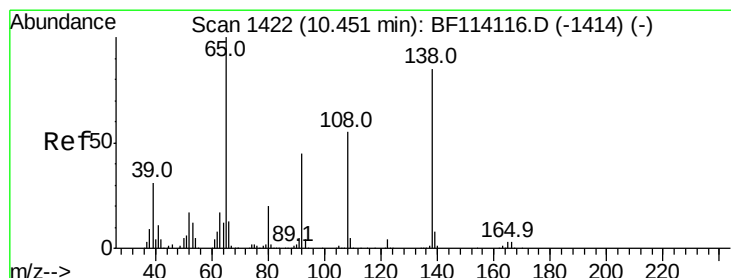
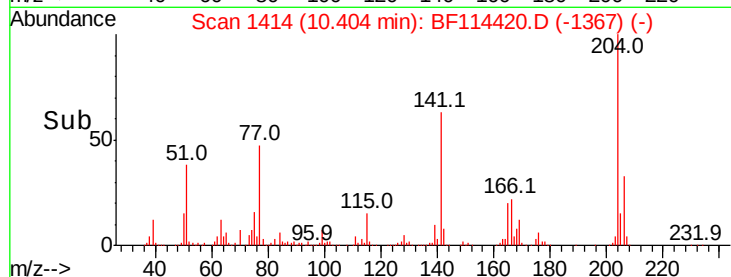
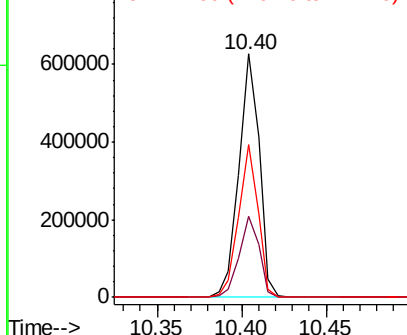
#61
 4-Chlorophenyl-phenylether
 Concen: 38.580 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 525882
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.6 39.8
 141 63.0 46.4 69.6

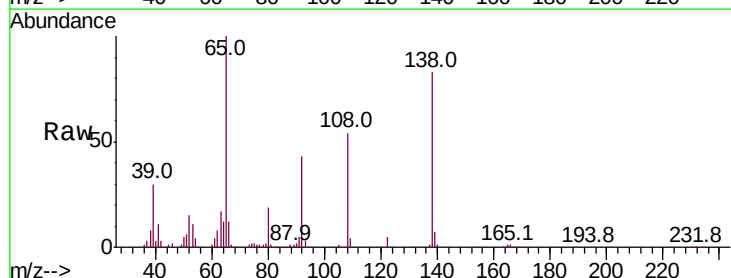


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

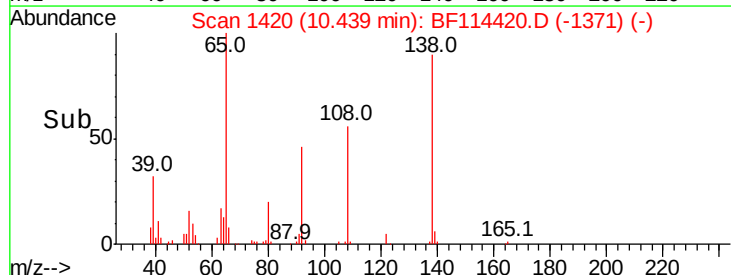
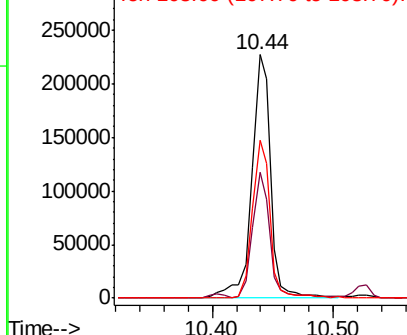


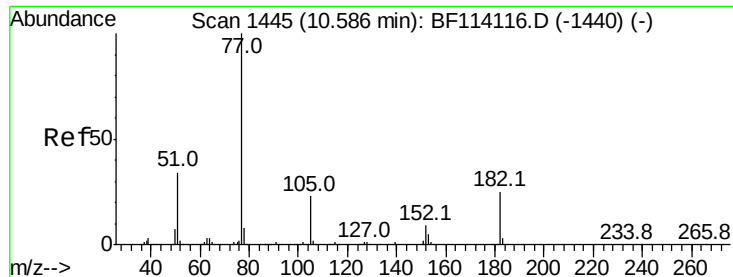
#62
 4-Nitroaniline
 Concen: 29.134 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion:138 Resp: 249866
 Ion Ratio Lower Upper
 138 100
 92 51.9 33.0 73.0
 108 64.7 44.9 84.9



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

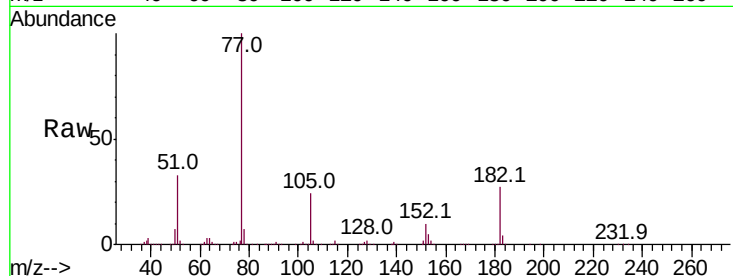




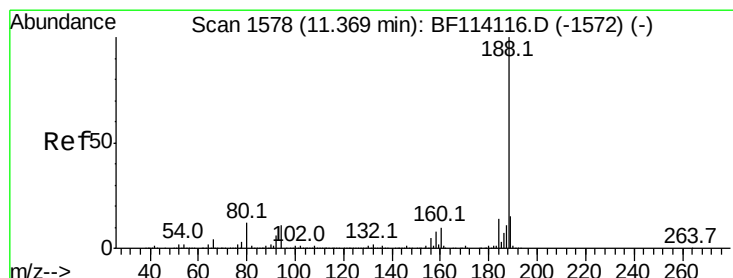
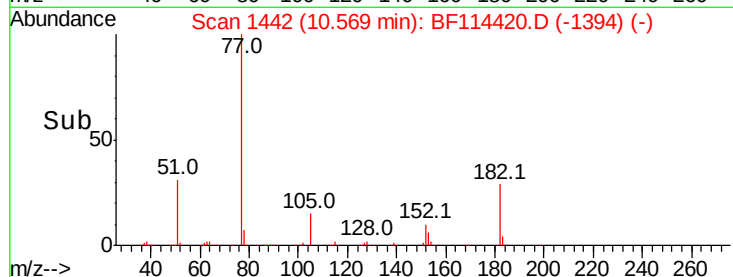
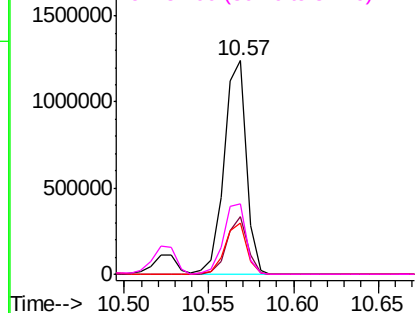
#63
Azobenzene
Concen: 38.928 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1134893
Ion Ratio Lower Upper
77 100
182 27.2 4.7 44.7
105 24.2 2.9 42.9
51 33.1 14.6 54.6

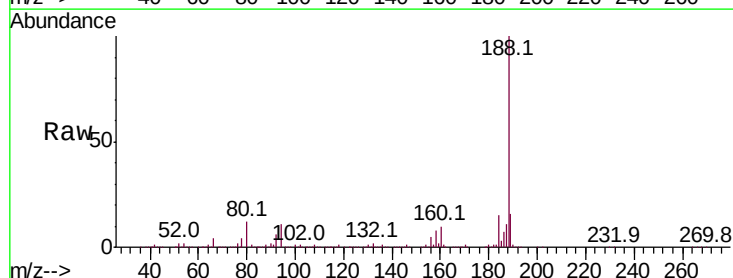


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

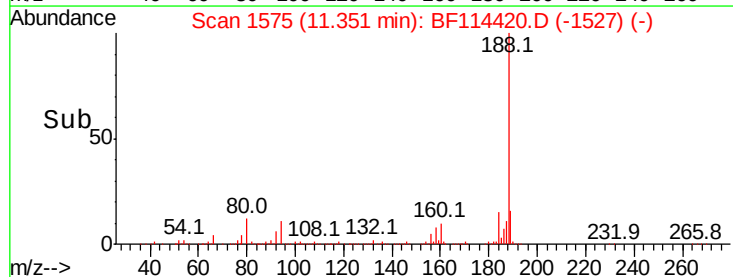
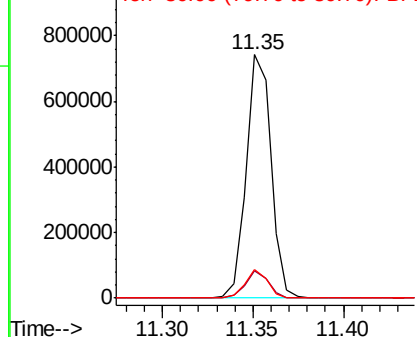


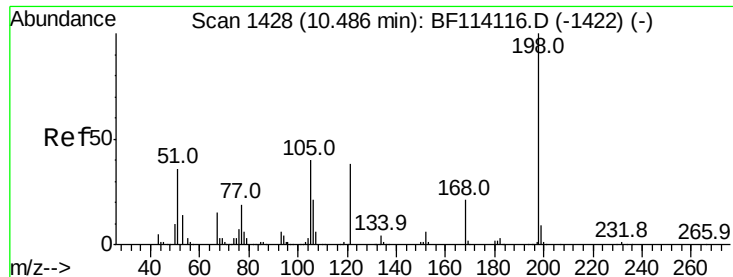
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion: 188 Resp: 702156
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 11.6 9.2 13.8



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

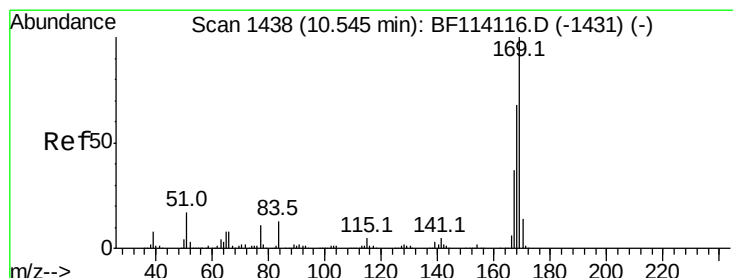
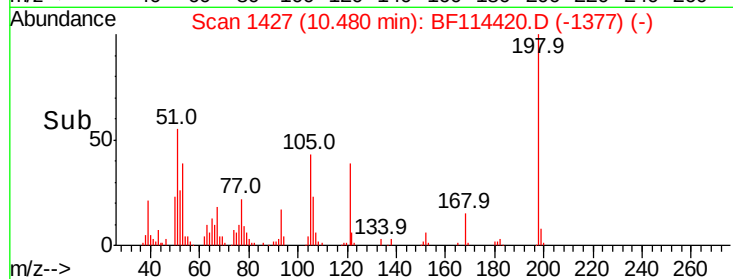
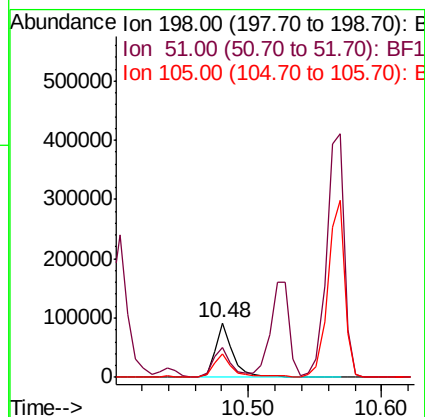
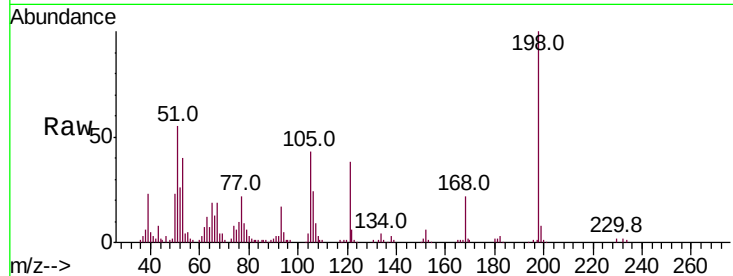




#65
4,6-Dinitro-2-methylphenol
Concen: 25.646 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

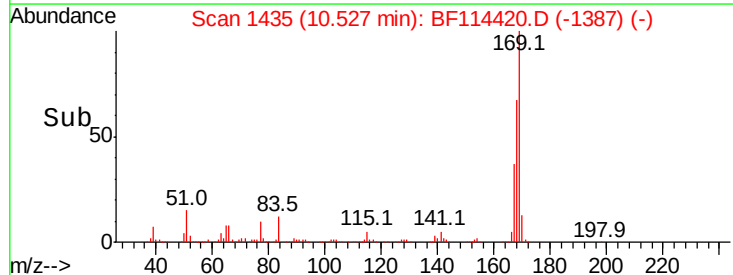
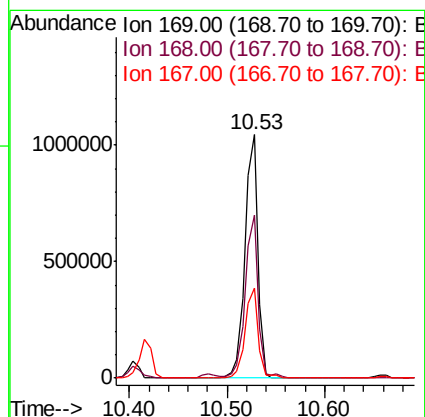
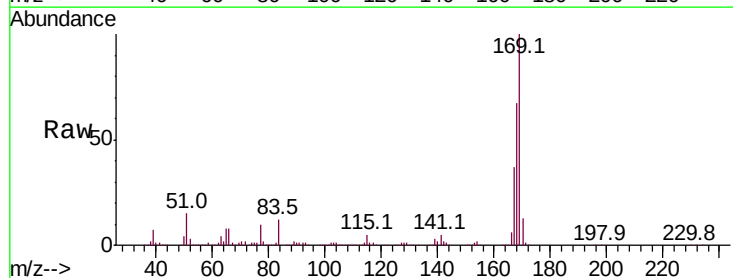
Instrument :
BNA_F
ClientSampleId :

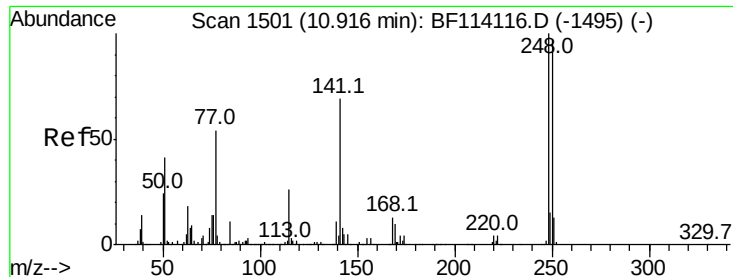
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.6	28.0	68.0
105	43.1	21.1	61.1



#66
n-Nitrosodiphenylamine
Concen: 45.151 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.2
167	37.2	29.8	44.8

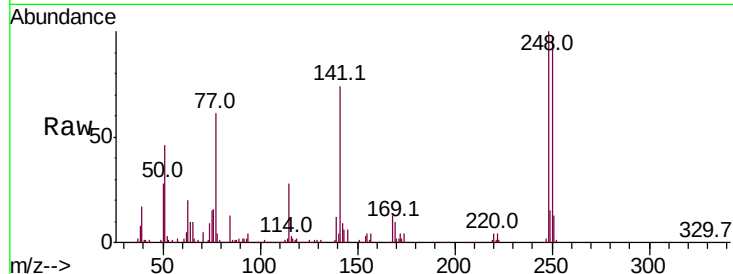




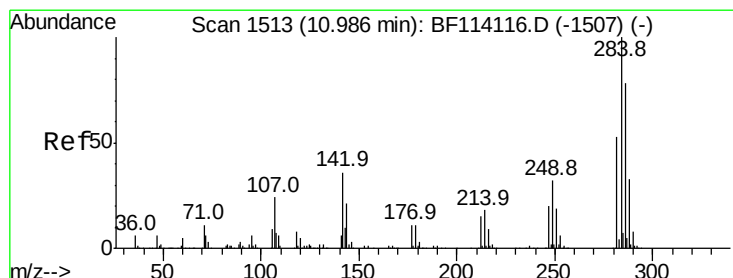
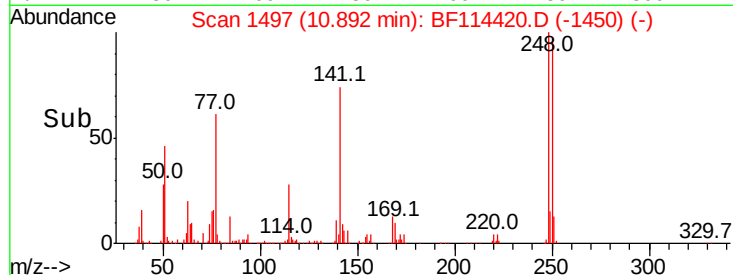
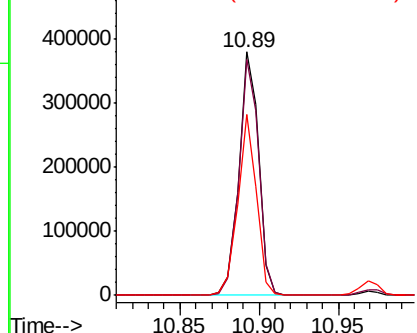
#67
4-Bromophenyl-phenylether
Concen: 42.462 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 328276
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 74.2 55.6 83.4

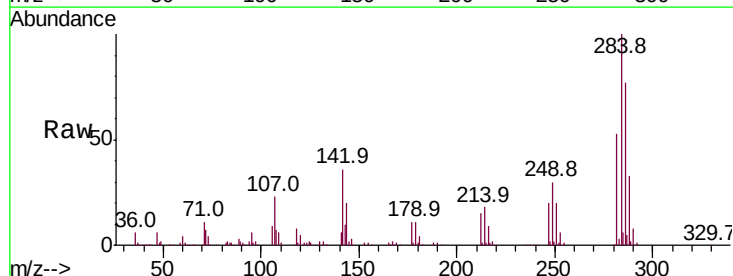


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

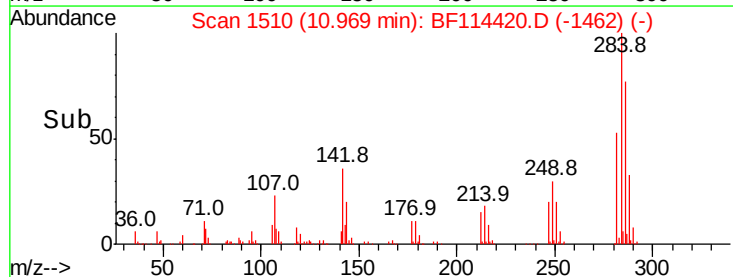
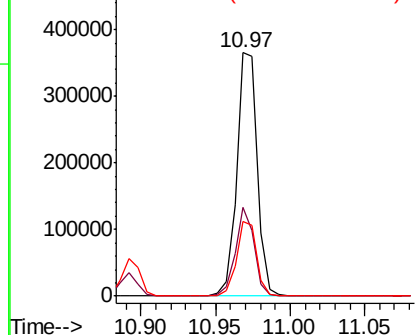


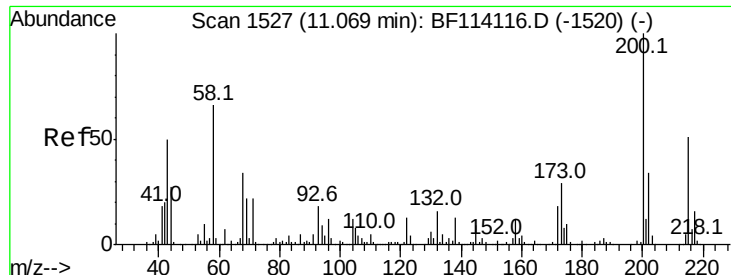
#68
Hexachlorobenzene
Concen: 41.334 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:284 Resp: 353512
Ion Ratio Lower Upper
284 100
142 36.3 28.4 42.6
249 30.4 25.2 37.8



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

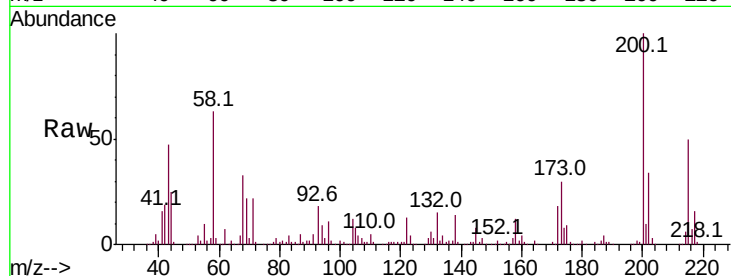




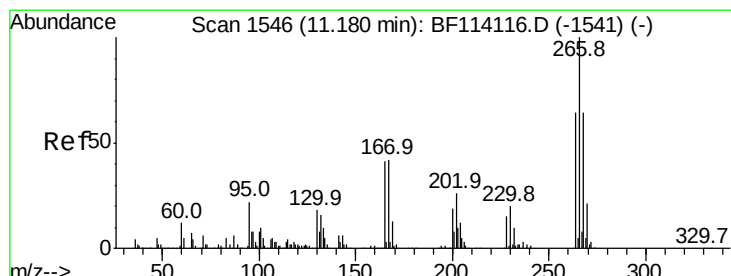
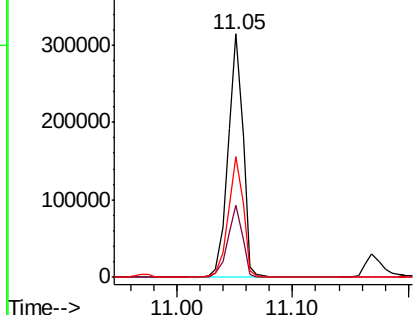
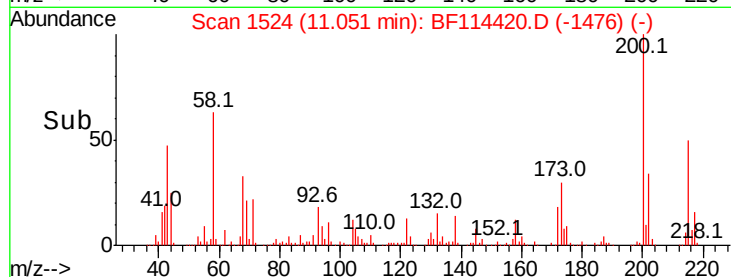
#69
Atrazine
Concen: 42.231 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.9	48.9
215	49.5	30.7	70.7

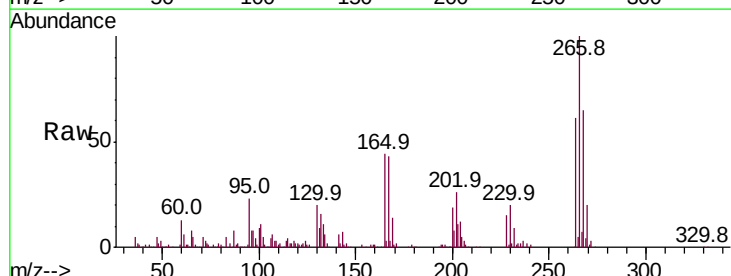


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

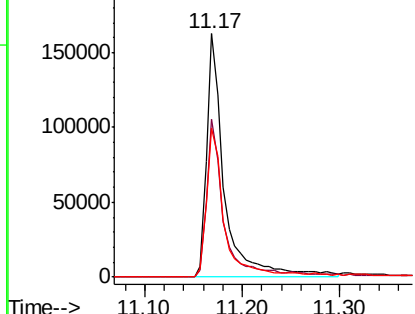
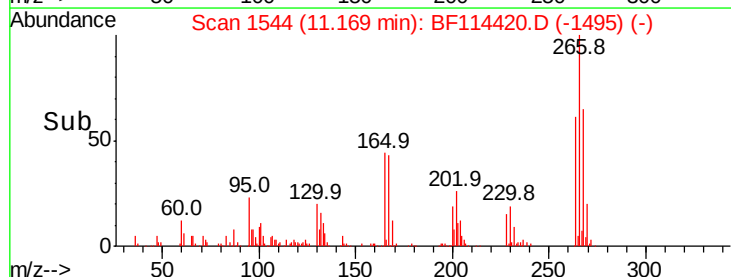


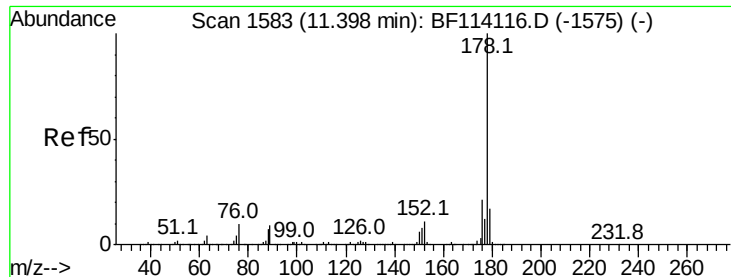
#70
Pentachlorophenol
Concen: 51.035 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	61.4	51.1	76.7



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

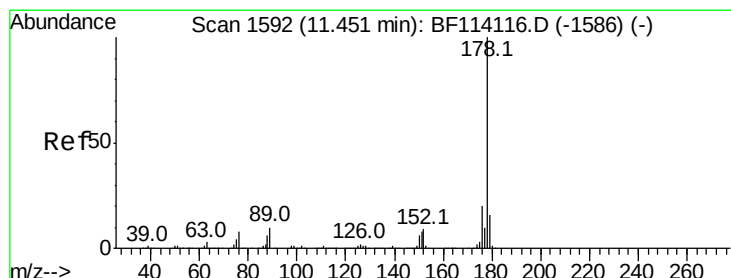
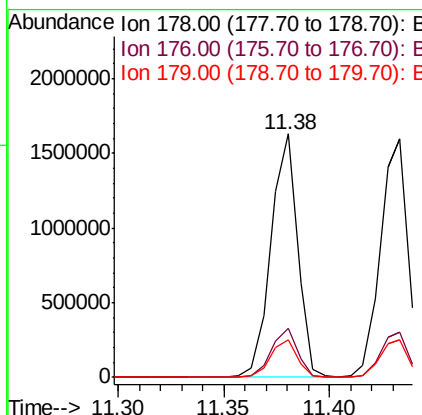
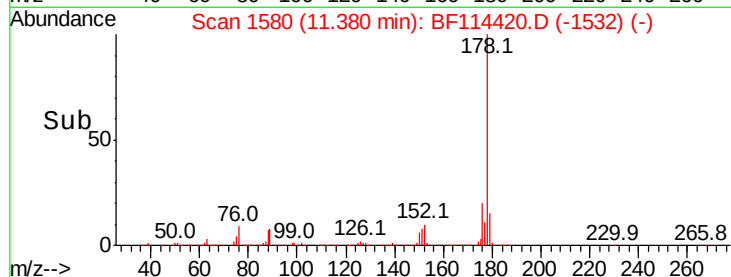
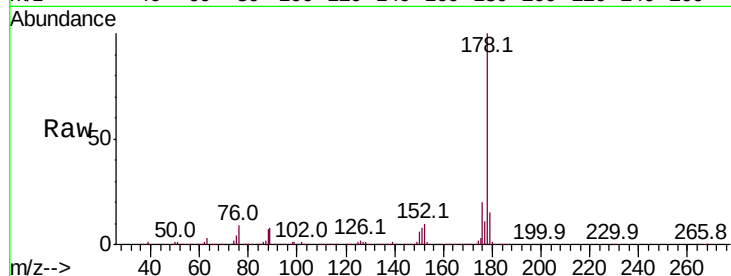




#71
Phenanthrene
Concen: 41.955 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

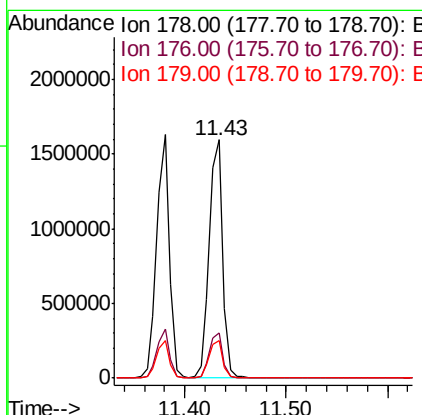
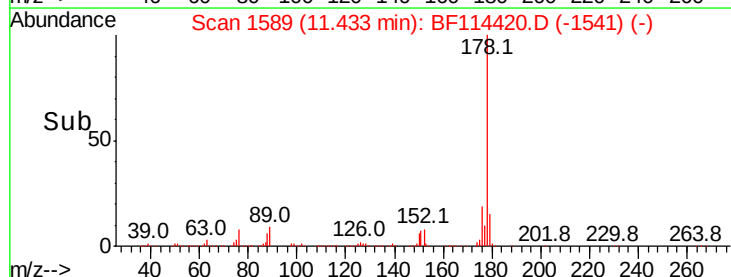
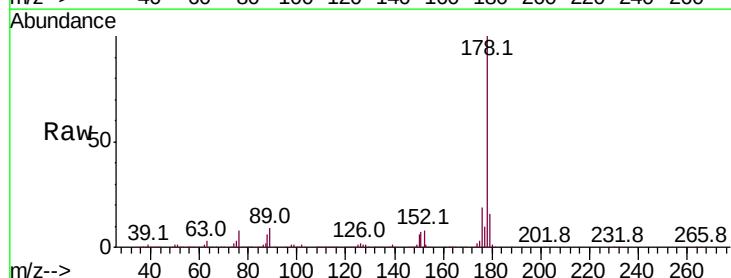
Instrument :
BNA_F
ClientSampleId :

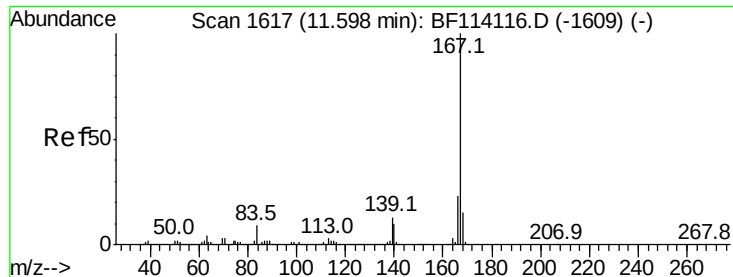
Tot Ion:178 Resp: 1433228
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.4 13.2 19.8



#72
Anthracene
Concen: 42.971 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:178 Resp: 1474410
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.5 13.0 19.4





#73

Carbazole

Concen: 38.809 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

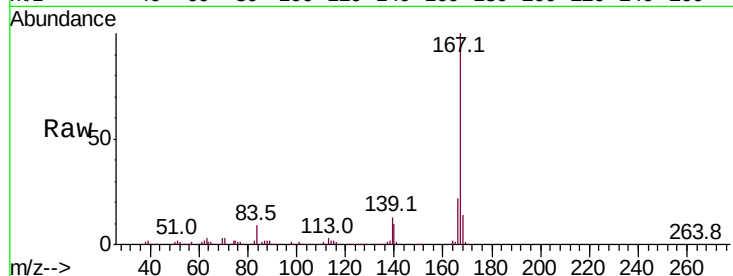
Tot Ion:167 Resp: 1269810

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

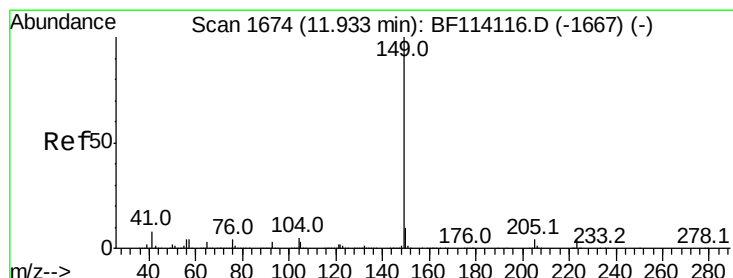
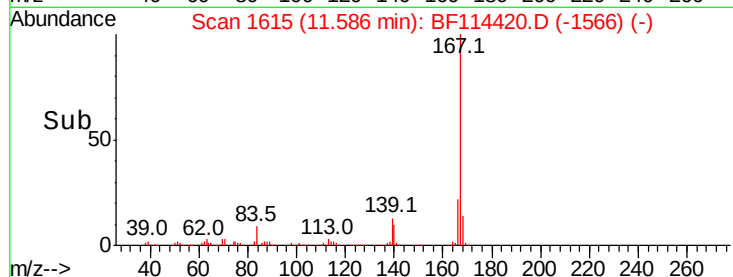
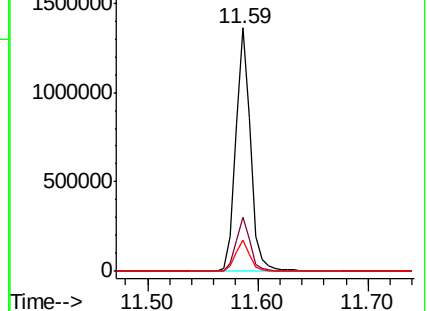
139 12.6 10.6 16.0



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: 45.733 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

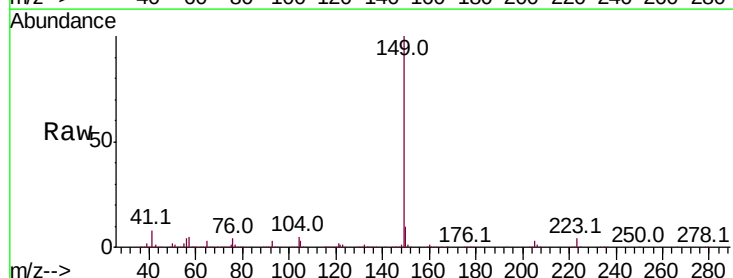
Tgt Ion:149 Resp: 1723922

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

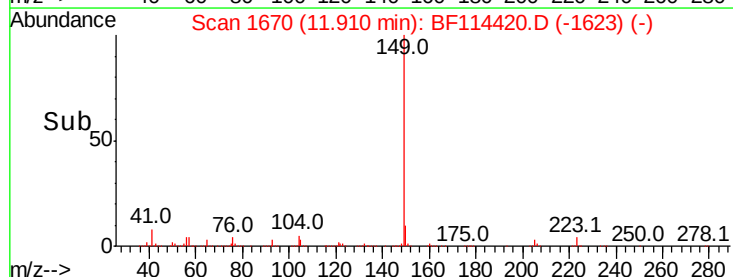
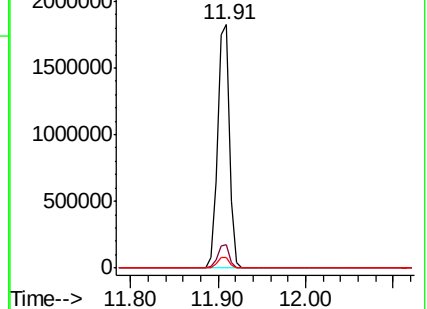
104 4.5 3.6 5.4

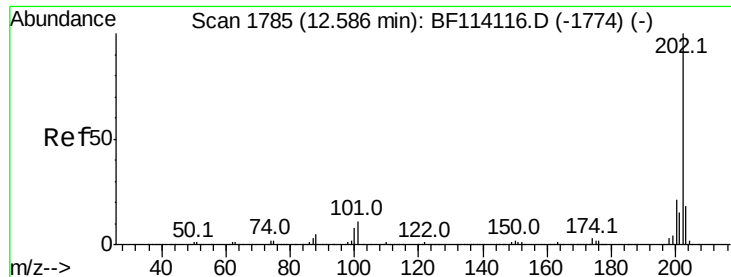


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

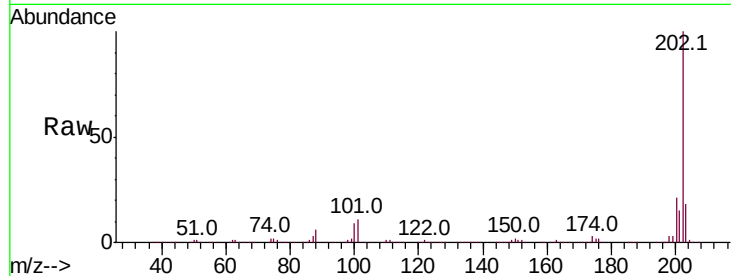




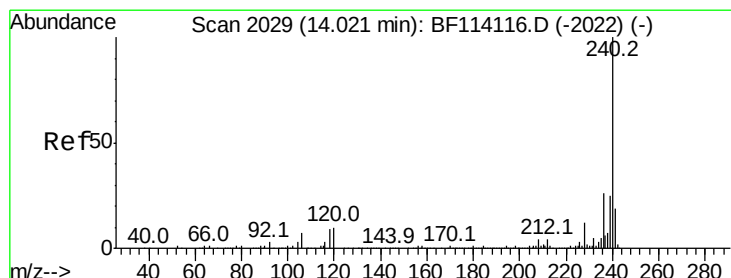
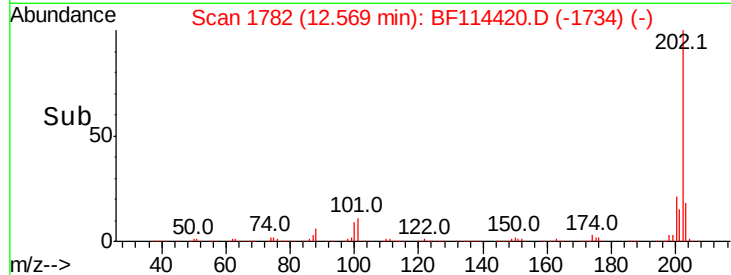
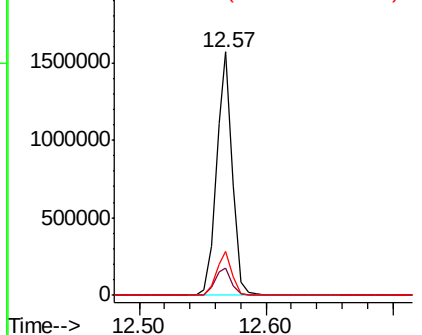
#75
 Fluoranthene
 Concen: 37.056 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1363178
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.0
 203 18.2 0.0 38.4

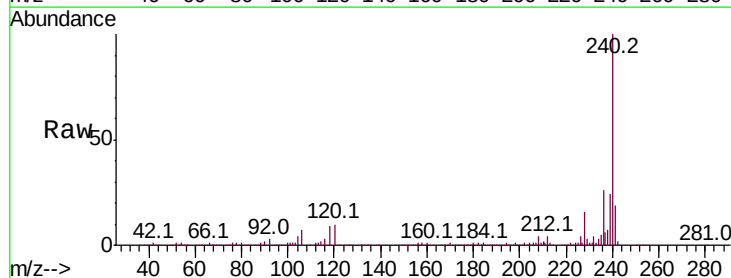


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

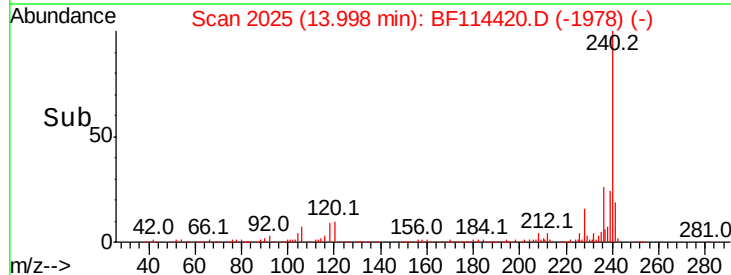
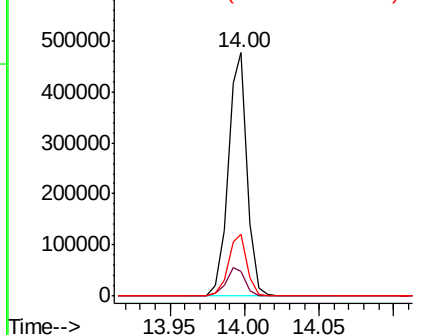


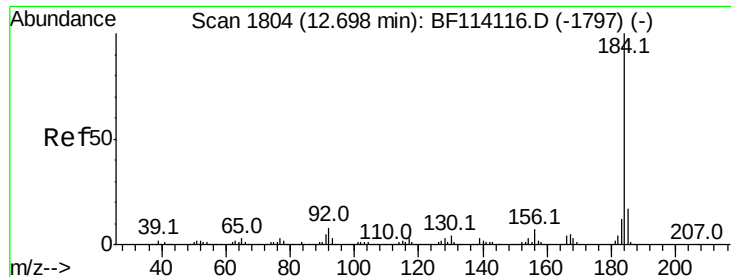
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF114420.D
 Acq: 19 May 2019 5:23

Tgt Ion:240 Resp: 426973
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.3 12.5
 236 25.6 20.8 31.2



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: 18.932 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

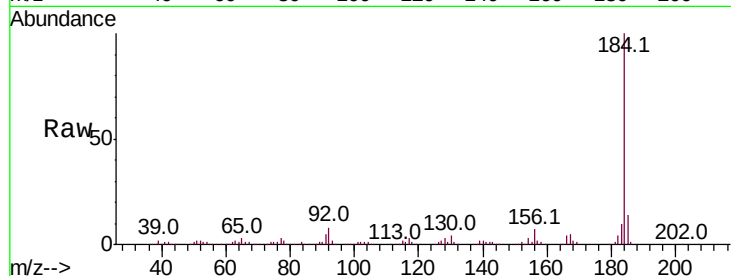
Tot Ion:184 Resp: 362849

Ion Ratio Lower Upper

184 100

185 14.2 13.6 20.4

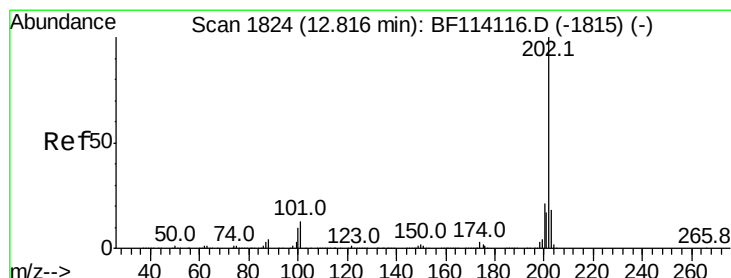
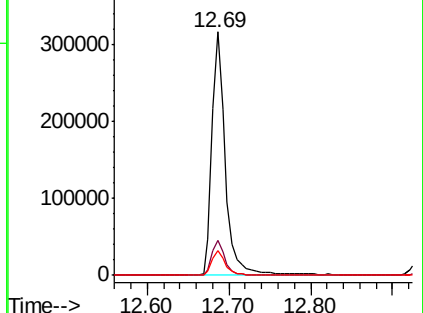
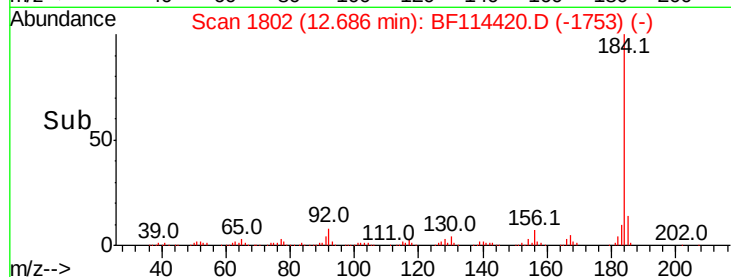
183 10.4 9.2 13.8



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: 39.808 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

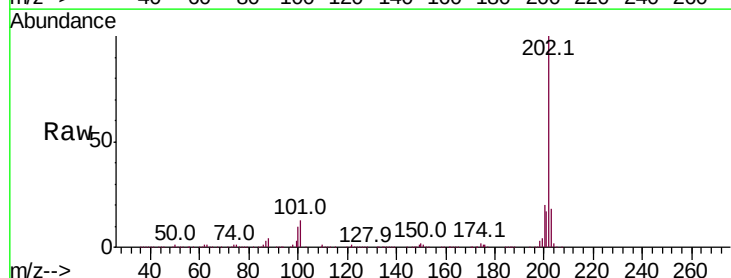
Tgt Ion:202 Resp: 1367326

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

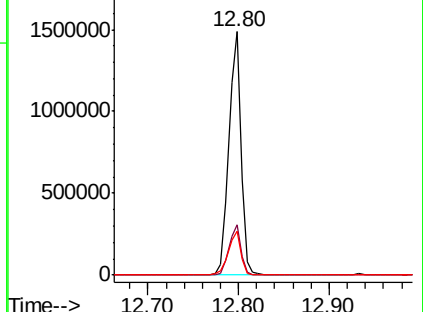
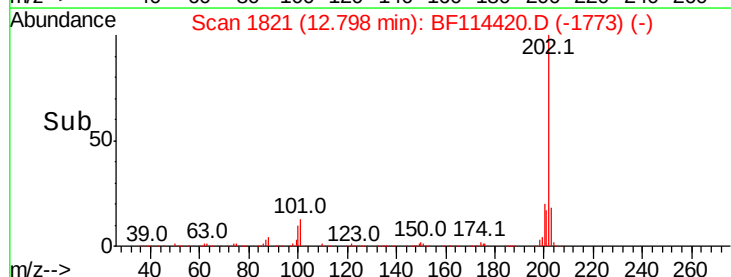
203 17.8 14.5 21.7

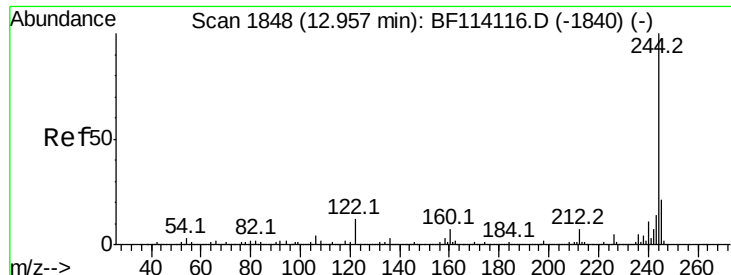


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.773 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampled :

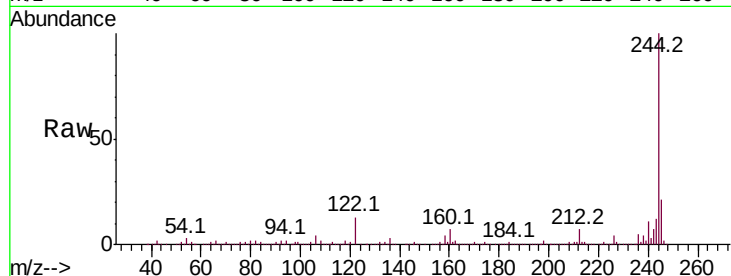
Tot Ion:244 Resp: 1755850

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

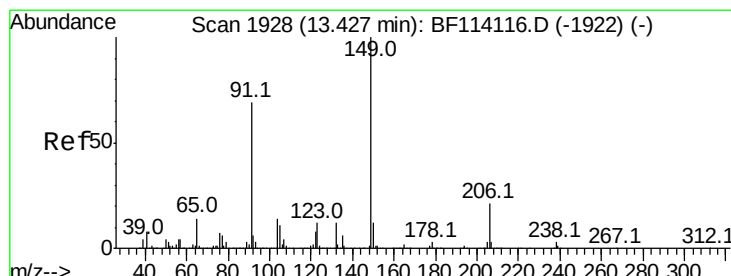
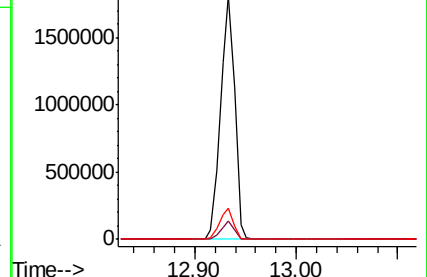
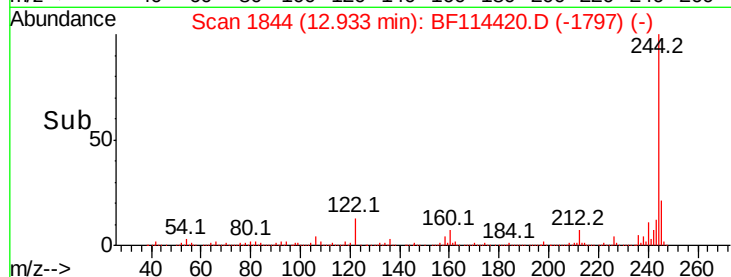
122 12.8 9.4 14.2



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: 44.859 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

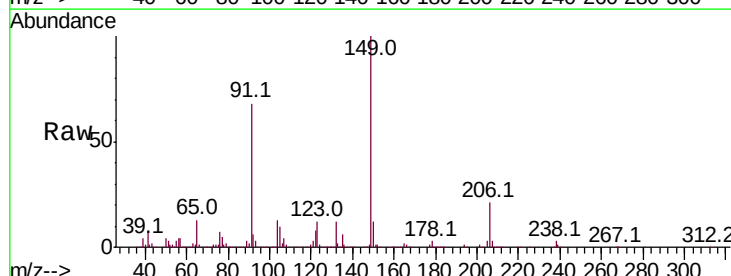
Tgt Ion:149 Resp: 648547

Ion Ratio Lower Upper

149 100

91 67.8 55.0 82.4

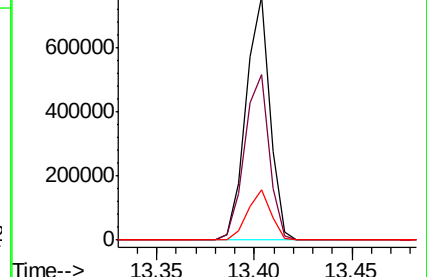
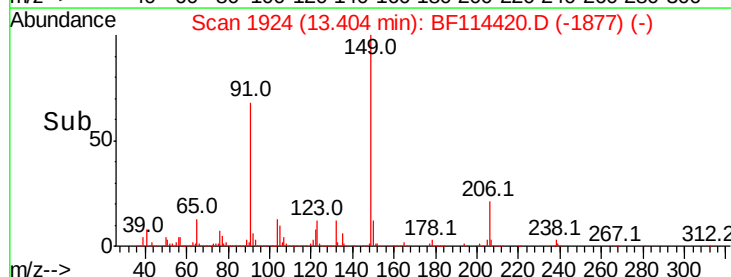
206 20.8 16.9 25.3

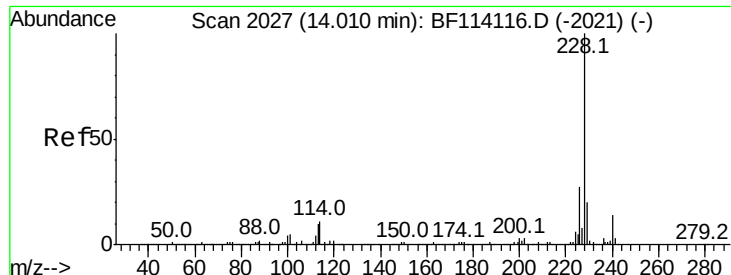


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.921 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

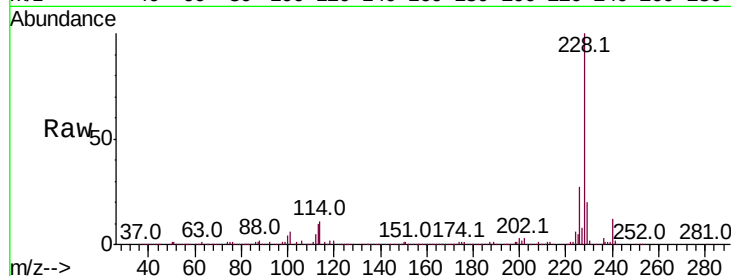
Tot Ion:228 Resp: 1130077

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	19.6	16.4	24.6

228 100

226 27.3 22.2 33.2

229 19.6 16.4 24.6

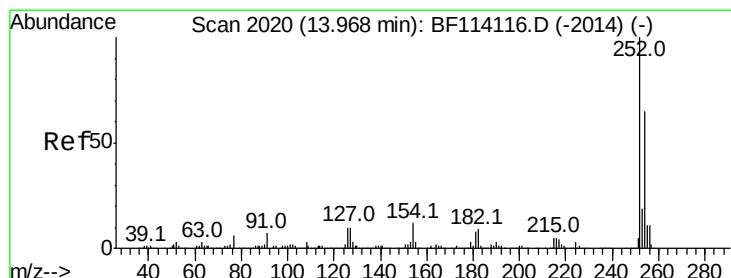
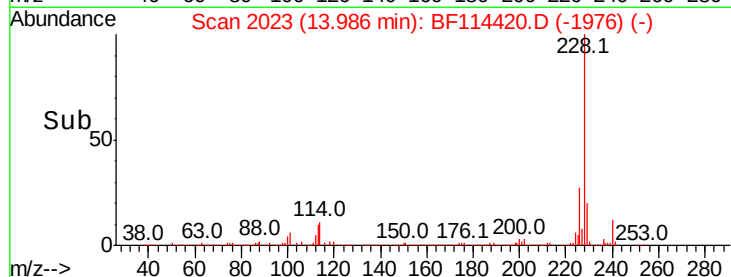
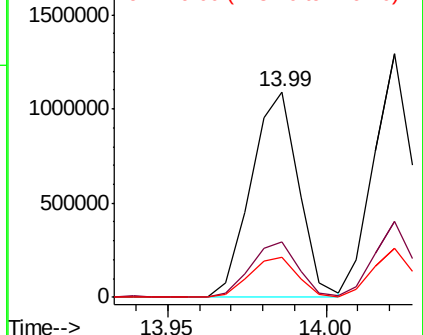


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.474 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.03 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

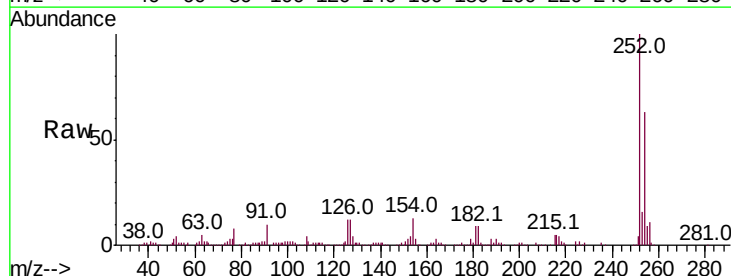
Tgt Ion:252 Resp: 294330

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.9	77.9
126	12.1	7.9	11.9

252 100

254 63.0 51.9 77.9

126 12.1 7.9 11.9

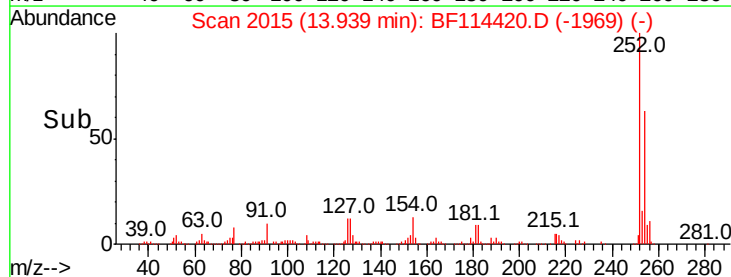
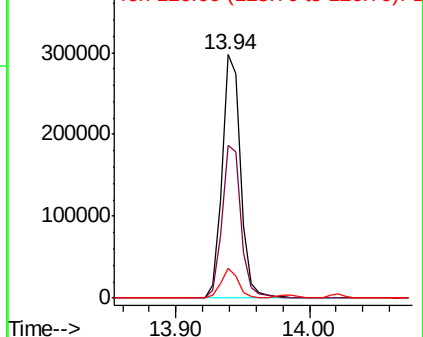


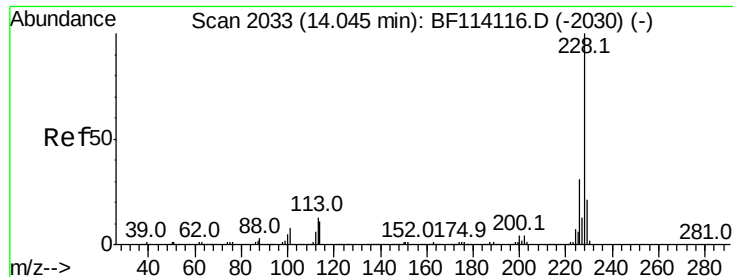
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.412 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

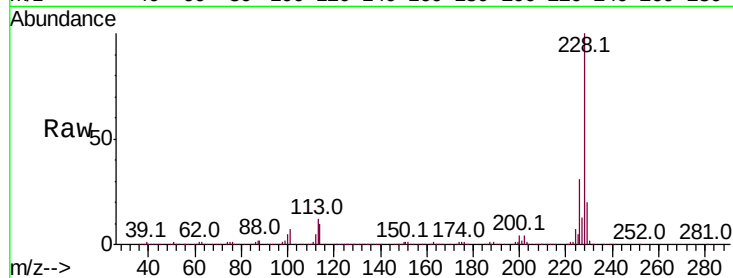
Tot Ion:228 Resp: 1094035

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.3	17.0	25.6

228 100

226 31.2 25.0 37.6

229 20.3 17.0 25.6

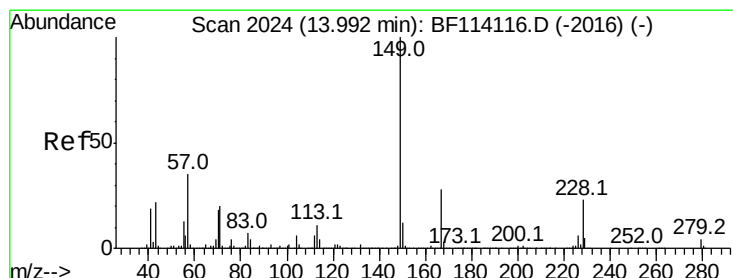
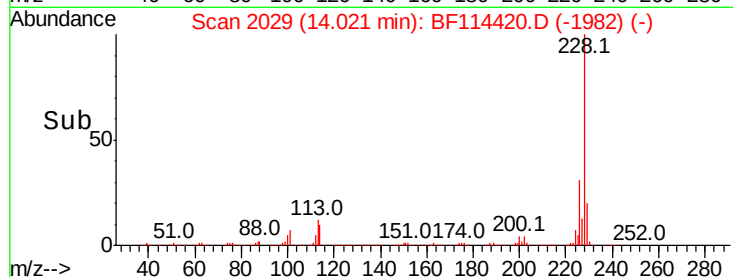
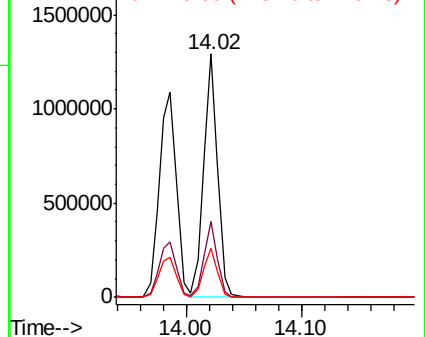


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.388 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

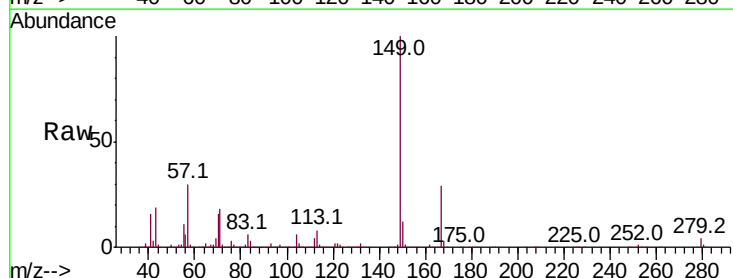
Tgt Ion:149 Resp: 914939

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.6	33.8
279	4.2	3.0	4.6

149 100

167 28.7 22.6 33.8

279 4.2 3.0 4.6

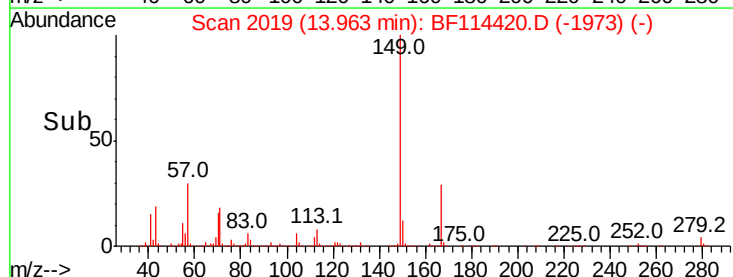
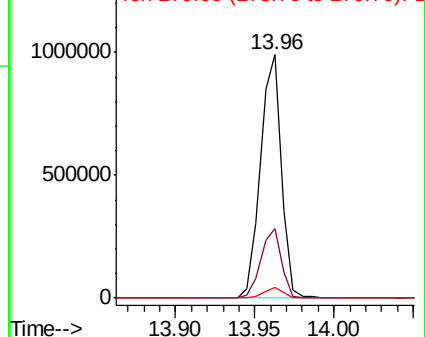


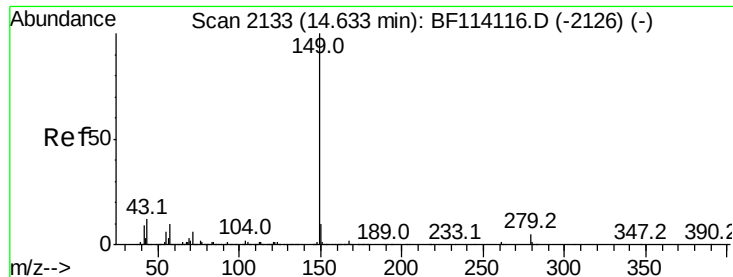
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.779 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.06 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

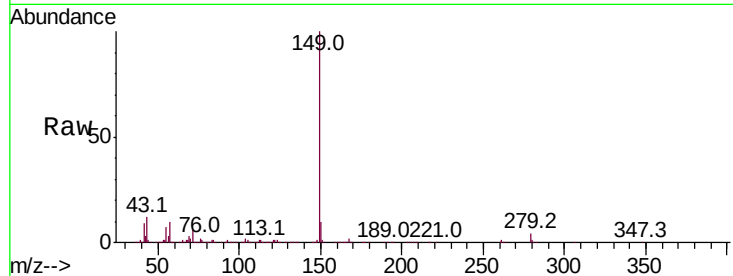
Tot Ion:149 Resp: 1495143

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

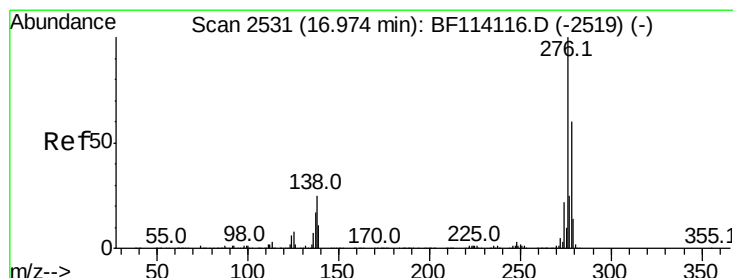
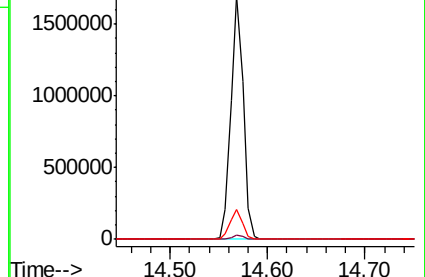
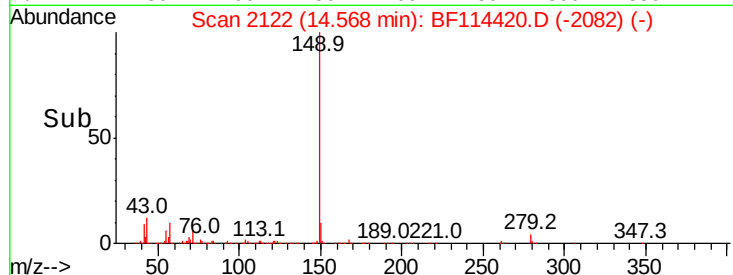
43 12.0 10.1 15.1



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: 42.591 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.04 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

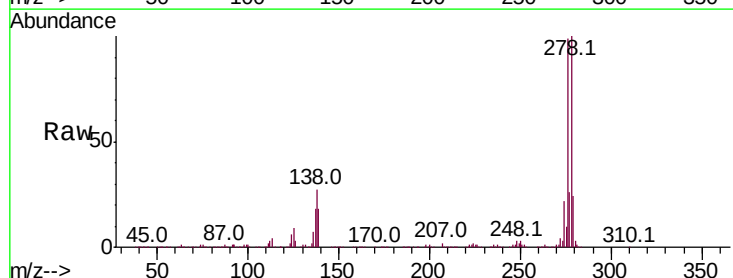
Tgt Ion:276 Resp: 1019025

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

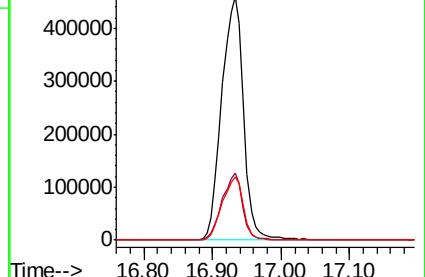
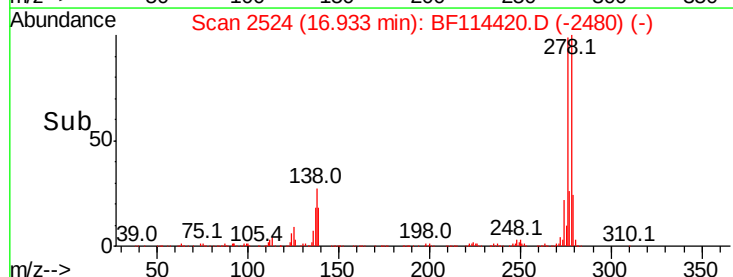
277 25.2 20.0 30.0

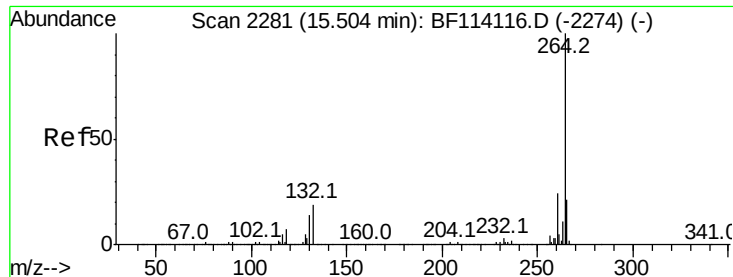


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

Instrument :

BNA_F

ClientSampleId :

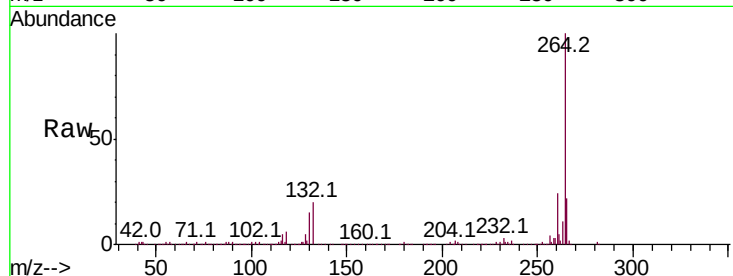
Tot Ion:264 Resp: 471473

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

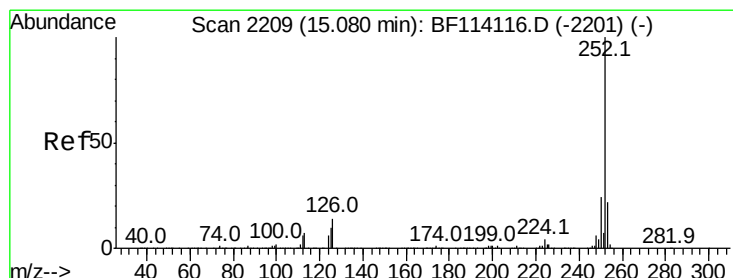
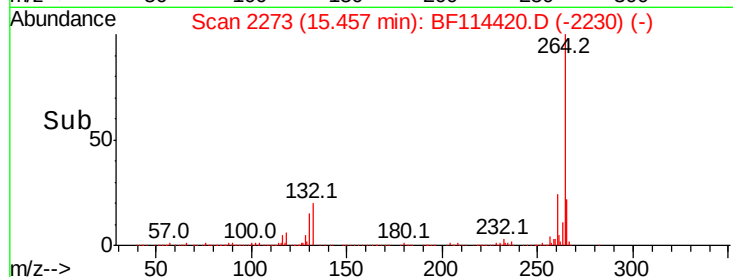
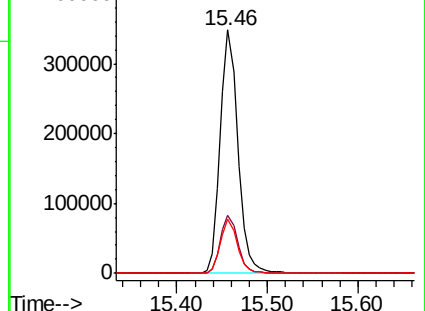
265 22.2 16.9 25.3



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: 38.479 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.05 min

Lab File: BF114420.D

Acq: 19 May 2019 5:23

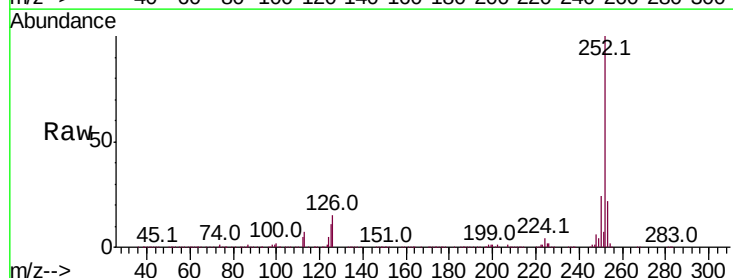
Tgt Ion:252 Resp: 1162269

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

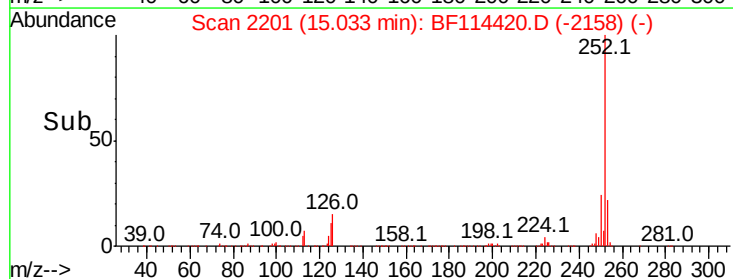
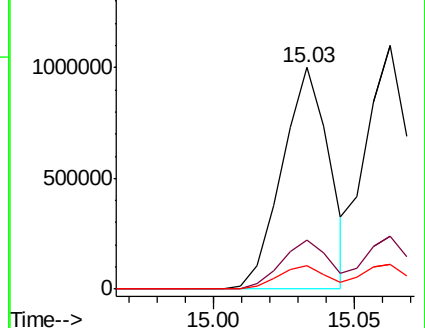
125 10.7 8.3 12.5

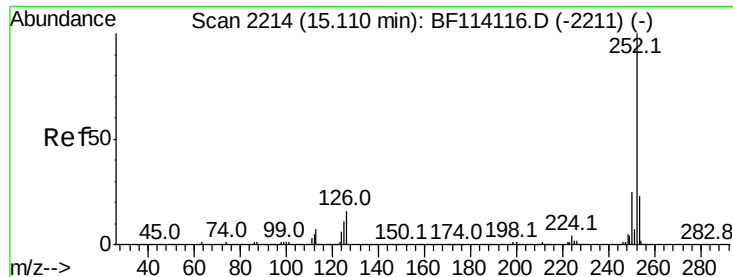


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

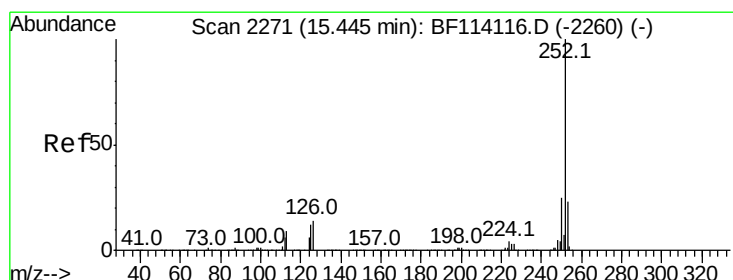
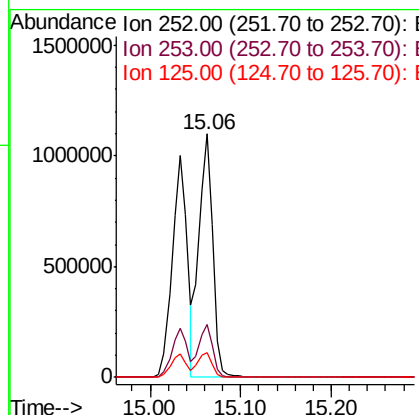
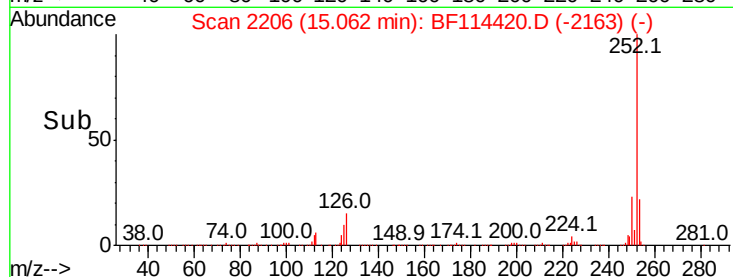
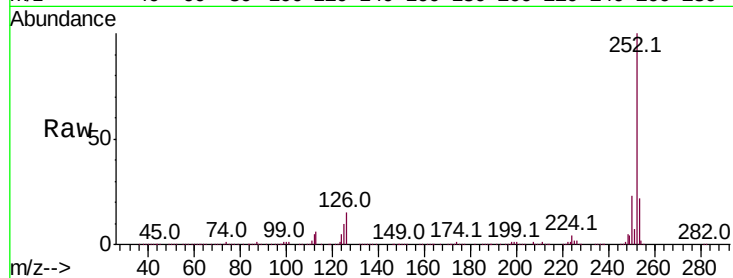




#89
Benzo(k)fluoranthene
Concen: 42.046 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

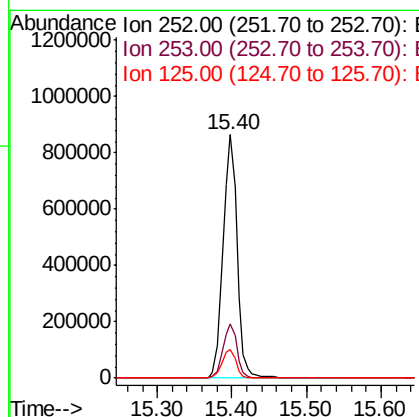
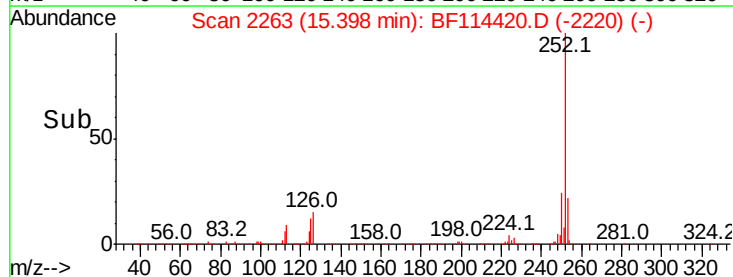
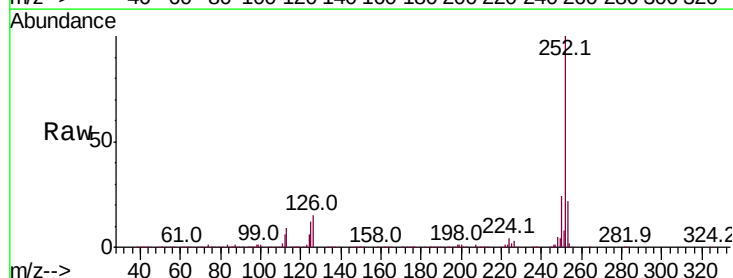
Instrument :
BNA_F
ClientSampled :

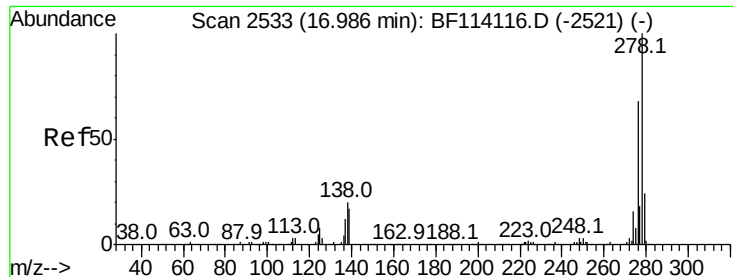
Tot Ion:252 Resp: 1166638
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 10.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.335 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.05 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:252 Resp: 1125405
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.0 9.5 14.3



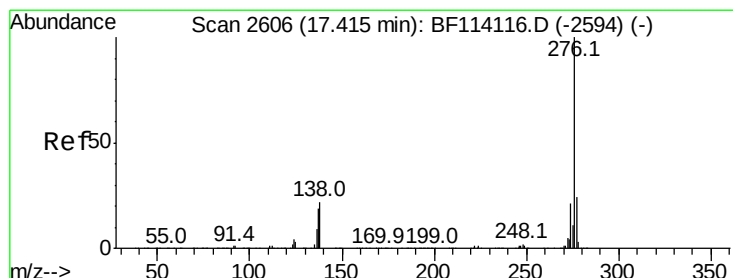
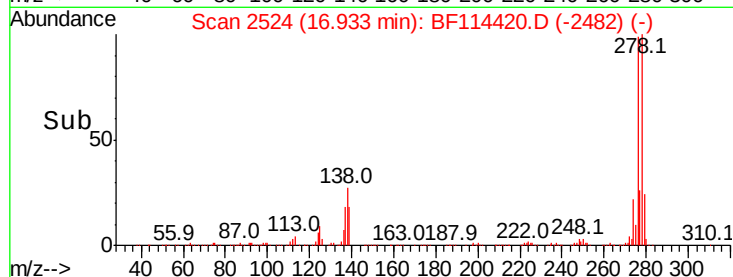
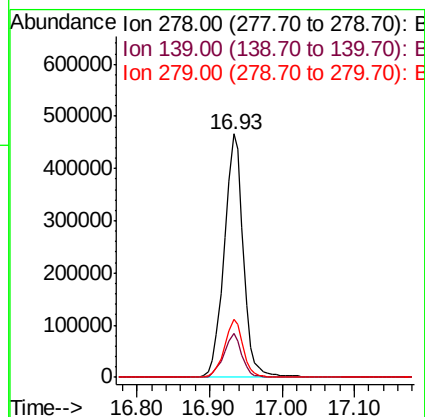
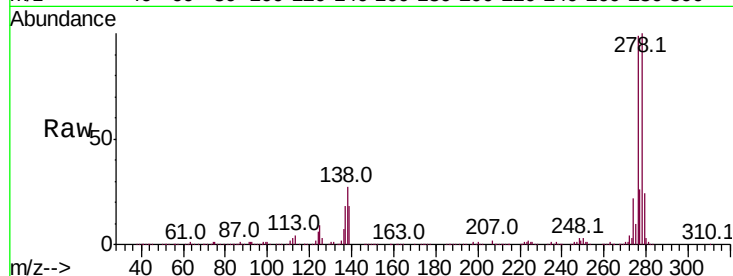


#91
Dibenzo(a,h)anthracene
Concen: 38.702 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.05 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 854899

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.5	20.3
279	24.0	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 36.999 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF114420.D
Acq: 19 May 2019 5:23

Tgt Ion:276 Resp: 819036

Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.0	28.4
138	20.9	17.8	26.6

