

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114514.D
 Acq On : 23 May 2019 5:37
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 23 06:01:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	172137	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	681293	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	306500	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	518568	20.00	ng	0.00
76) Chrysene-d12	14.00	240	379498	20.00	ng	0.00
87) Perylene-d12	15.47	264	283788	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	867403	81.09	ng	-0.01
7) Phenol-d6	6.48	99	1065897	84.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	981194	80.82	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	214365	67.65	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1621371	80.02	ng	0.00
79) Terphenyl-d14	12.93	244	1375764	74.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	200355	34.077	ng	99
3) Pyridine	3.29	79	566586	34.976	ng	98
4) n-Nitrosodimethylamine	3.25	42	275401	35.255	ng	98
6) Aniline	6.50	93	714187	39.080	ng	# 71
8) 2-Chlorophenol	6.62	128	484041	42.388	ng	97
9) Benzaldehyde	6.38	77	329028	37.150	ng	97
10) Phenol	6.49	94	610535	41.023	ng	76
11) bis(2-Chloroethyl)ether	6.56	93	457982	40.534	ng	99
12) 1,3-Dichlorobenzene	6.77	146	526341	41.062	ng	99
13) 1,4-Dichlorobenzene	6.85	146	535133	41.430	ng	99
14) 1,2-Dichlorobenzene	7.00	146	493775	41.843	ng	99
15) Benzyl Alcohol	6.98	79	383956	38.912	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	826643	37.733	ng	64
17) 2-Methylphenol	7.10	107	369900	39.433	ng	# 89
18) Hexachloroethane	7.34	117	158018	32.592	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	315825	39.385	ng	98
20) 3+4-Methylphenols	7.25	107	487758	45.005	ng	# 67
22) Acetophenone	7.24	105	632155	41.884	ng	# 89
24) Nitrobenzene	7.42	77	503297	40.705	ng	100
25) Isophorone	7.66	82	865639	38.448	ng	100
26) 2-Nitrophenol	7.73	139	241921	40.328	ng	99
27) 2,4-Dimethylphenol	7.77	122	348315	36.969	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	574137	39.302	ng	98
29) 2,4-Dichlorophenol	7.99	162	390059	41.576	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	420629	39.428	ng	98
31) Naphthalene	8.14	128	1318921	41.444	ng	99
32) Benzoic acid	7.92	122	221414	35.158	ng	95
33) 4-Chloroaniline	8.19	127	606883	41.848	ng	98
34) Hexachlorobutadiene	8.25	225	236350	38.937	ng	98
35) Caprolactam	8.57	113	134110	43.839	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	404758	42.861	ng	97
37) 2-Methylnaphthalene	8.83	142	859847	41.877	ng	96
38) 1-Methylnaphthalene	8.93	142	799948	41.371	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	389800	41.984	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Hexachlorocyclopentadiene	8.97	237	309	4.392	ng	# 28
43) 2,4,6-Trichlorophenol	9.12	196	265609	41.591	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	268653	41.020	ng	97
46) 1,1'-Biphenyl	9.29	154	1026905	41.473	ng	98
47) 2-Chloronaphthalene	9.32	162	822474	41.273	ng	99
48) 2-Nitroaniline	9.42	65	302573	42.814	ng	96
49) Acenaphthylene	9.73	152	1244772	41.070	ng	99
50) Dimethylphthalate	9.59	163	915684	40.697	ng	99
51) 2,6-Dinitrotoluene	9.66	165	196527	39.380	ng	98
52) Acenaphthene	9.90	154	730461	39.275	ng	99
53) 3-Nitroaniline	9.83	138	264525	42.700	ng	96
54) 2,4-Dinitrophenol	9.96	184	3784	8.126	ng	98
55) Dibenzofuran	10.07	168	1046339	38.367	ng	97
56) 4-Nitrophenol	10.02	139	142333	32.489	ng	90
57) 2,4-Dinitrotoluene	10.07	165	233515	34.475	ng	# 80
58) Fluorene	10.42	166	842674	40.003	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	198450	35.118	ng	99
60) Diethylphthalate	10.29	149	901955	39.453	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	415041	40.115	ng	97
62) 4-Nitroaniline	10.45	138	263950	40.547	ng	97
63) Azobenzene	10.57	77	822419	37.165	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	16942	6.799	ng	75
66) n-Nitrosodiphenylamine	10.53	169	736673	46.807	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	250592	43.889	ng	95
68) Hexachlorobenzene	10.97	284	261584	41.413	ng	97
69) Atrazine	11.05	200	185319	37.837	ng	99
70) Pentachlorophenol	11.17	266	90774	30.316	ng	98
71) Phenanthrene	11.38	178	1074741	42.599	ng	99
72) Anthracene	11.43	178	1059994	41.830	ng	99
73) Carbazole	11.59	167	1004203	41.557	ng	97
74) Di-n-butylphthalate	11.91	149	1253616	45.030	ng	99
75) Fluoranthene	12.57	202	1088677	40.071	ng	98
77) Benzidine	12.69	184	684798	40.199	ng	96
78) Pyrene	12.80	202	1131900	37.077	ng	99
80) Butylbenzylphthalate	13.40	149	488794	38.039	ng	99
81) Benzo(a)anthracene	13.99	228	1032120	42.049	ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	426046	44.743	ng	99
83) Chrysene	14.03	228	997741	41.466	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	637353	37.924	ng	99
85) Di-n-octyl phthalate	14.57	149	1132923	41.585	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	654219	30.765	ng	100
88) Benzo(b)fluoranthene	15.04	252	859944	47.299	ng	99
89) Benzo(k)fluoranthene	15.07	252	759485	45.475	ng	99
90) Benzo(a)pyrene	15.41	252	691126	43.193	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	543975	40.913	ng	97
92) Benzo(g,h,i)perylene	17.40	276	544556	40.869	ng	99

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

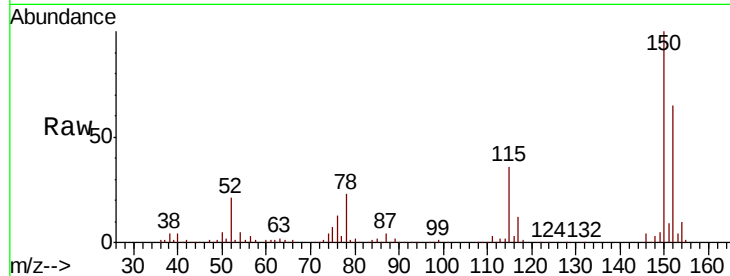


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114514.D
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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.3	186.5
115	54.6	49.1	73.7

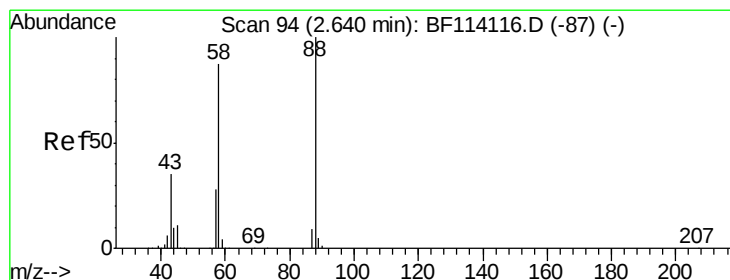
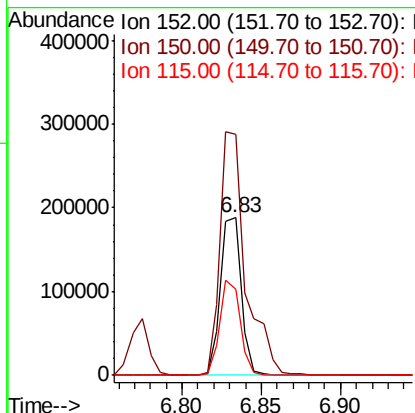
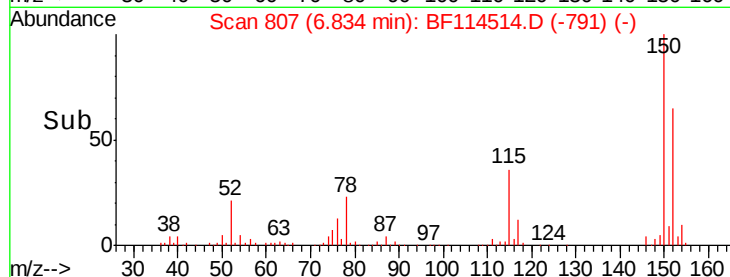


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

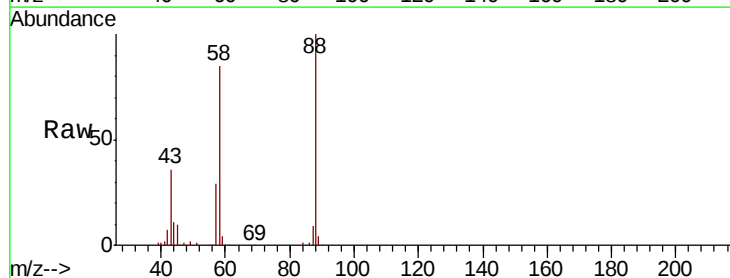
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.077 ng
RT: 2.53 min Scan# 76
Delta R.T. -0.05 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.7	103.1
43	35.4	28.2	42.2

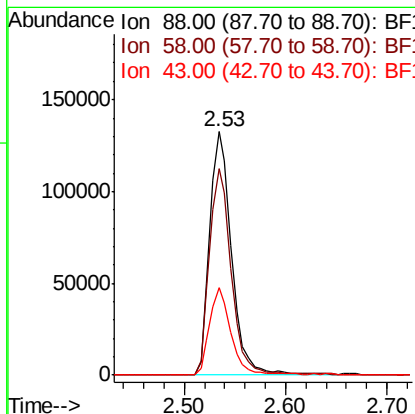
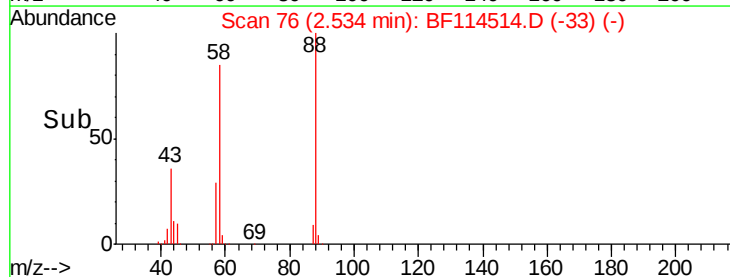


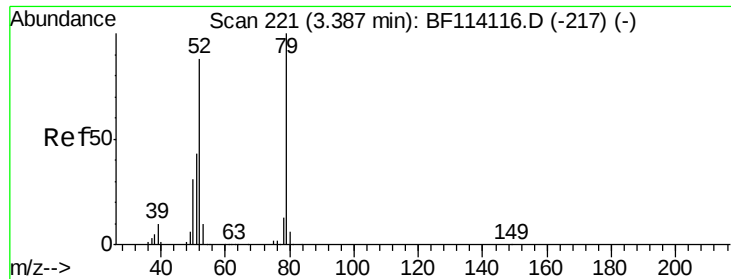
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.976 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.05 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

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SSTDCCC040

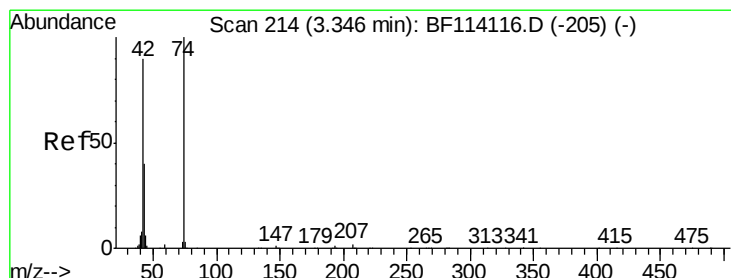
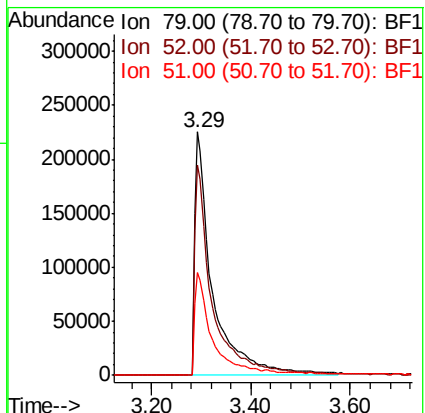
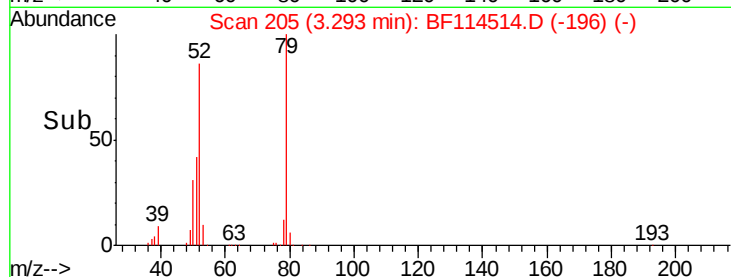
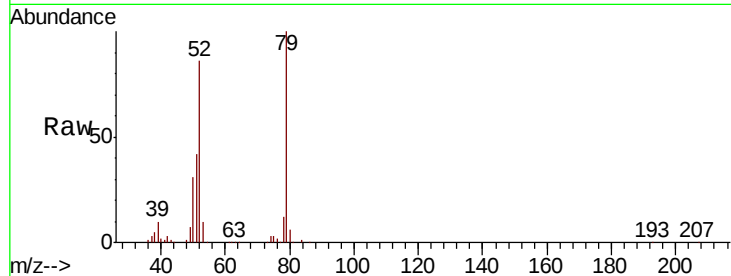
Tot Ion: 79 Resp: 566586

Ion Ratio Lower Upper

79 100

52 86.3 70.6 105.8

51 42.3 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 35.255 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.05 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

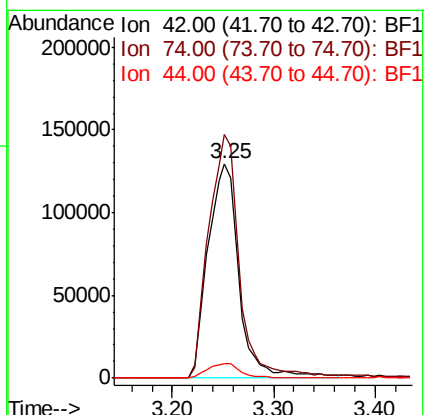
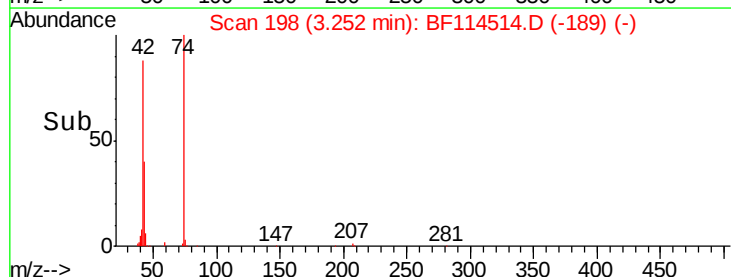
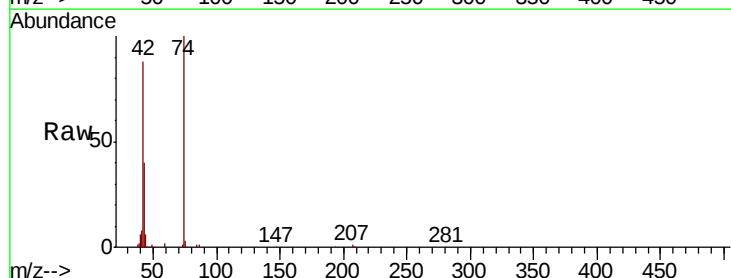
Tgt Ion: 42 Resp: 275401

Ion Ratio Lower Upper

42 100

74 113.4 88.6 132.8

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 81.091 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

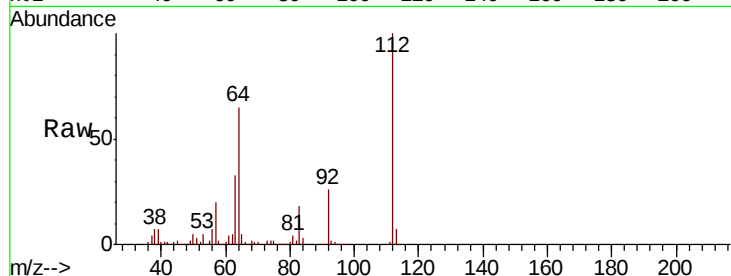
Tot Ion:112 Resp: 867403

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

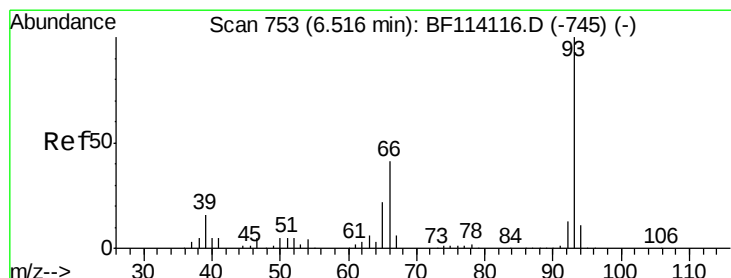
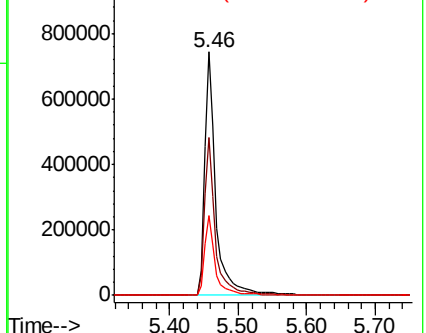
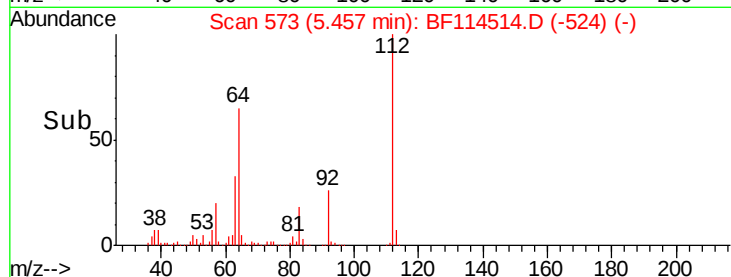
63 32.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.080 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

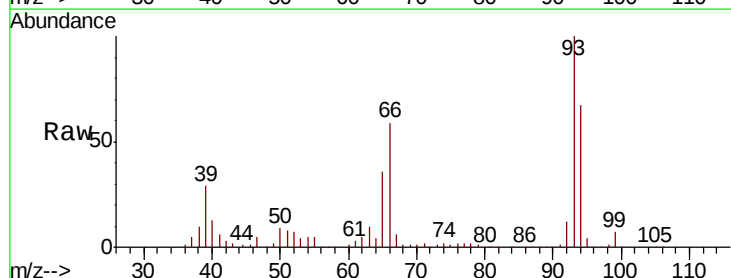
Tgt Ion: 93 Resp: 714187

Ion Ratio Lower Upper

93 100

66 59.4 33.2 49.8#

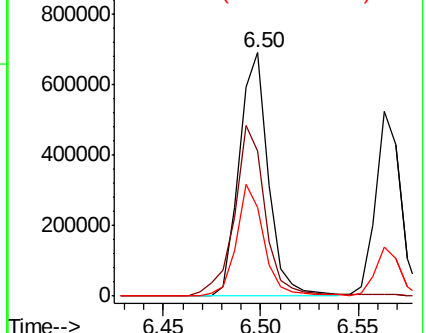
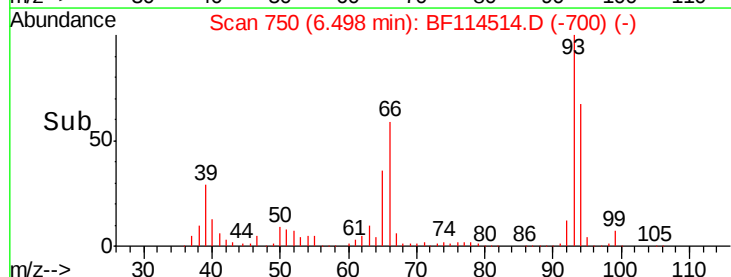
65 36.2 17.6 26.4#



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: 84.252 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

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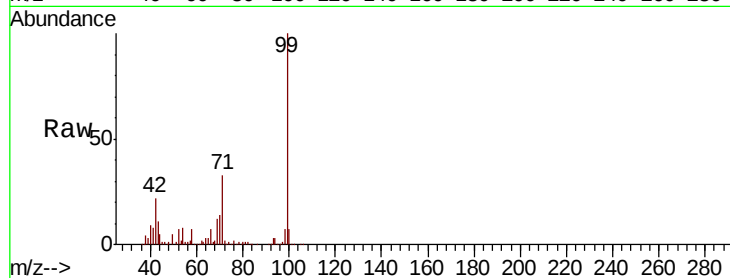
Tot Ion: 99 Resp: 1065897

Ion Ratio Lower Upper

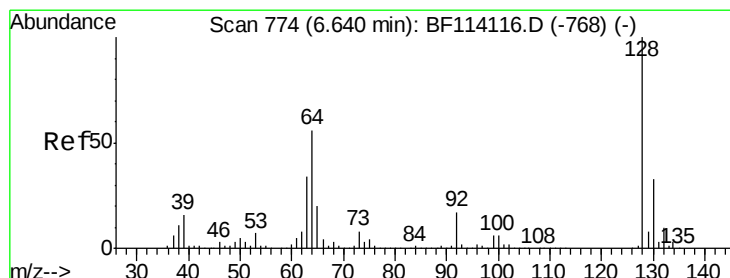
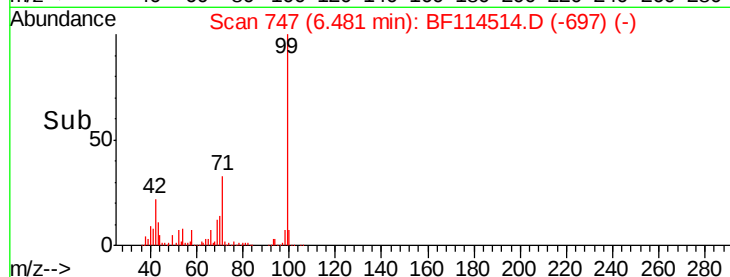
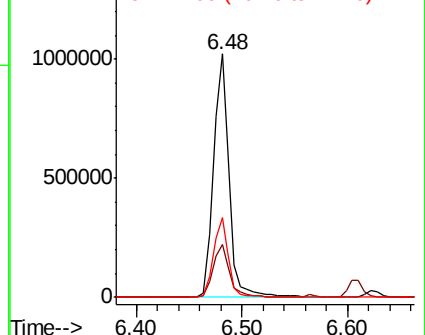
99 100

42 22.0 17.9 26.9

71 32.6 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: 42.388 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

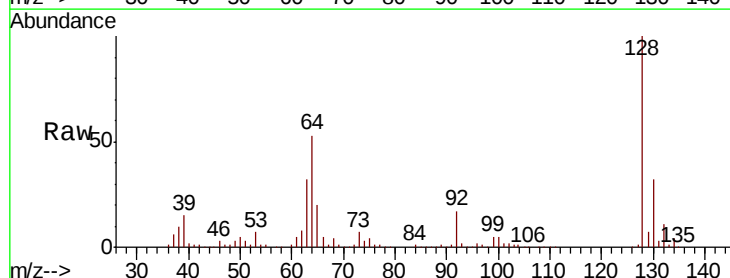
Tgt Ion: 128 Resp: 484041

Ion Ratio Lower Upper

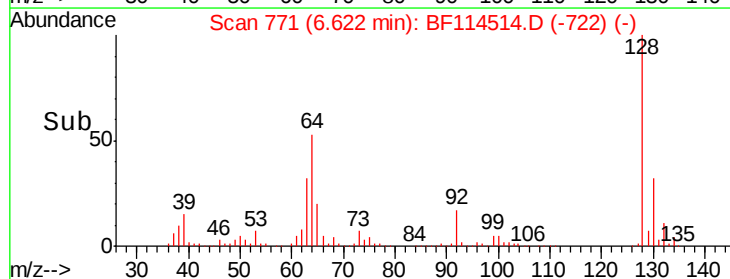
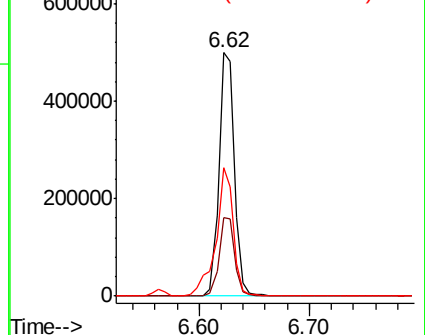
128 100

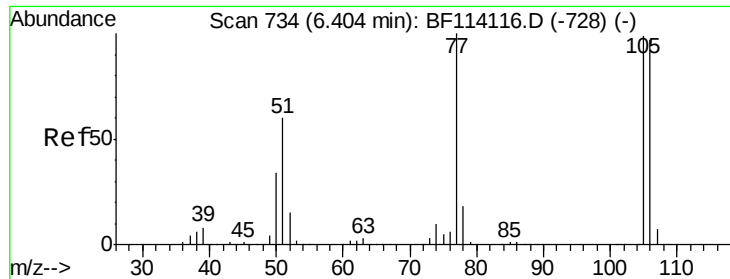
130 32.2 12.6 52.6

64 52.8 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

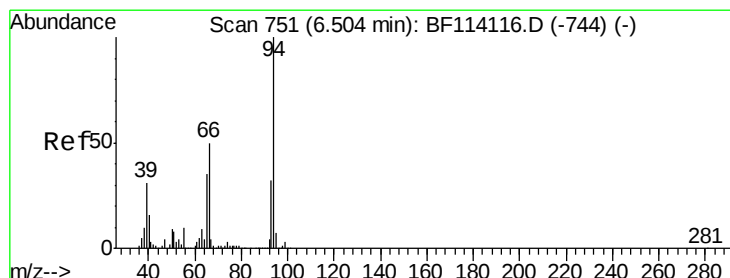
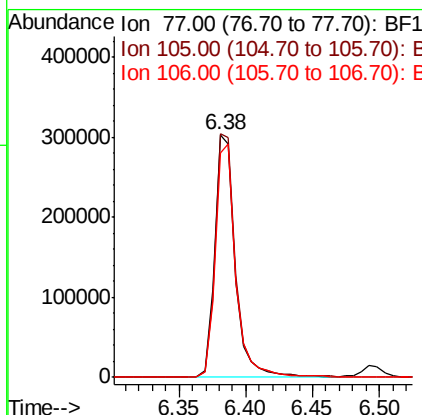
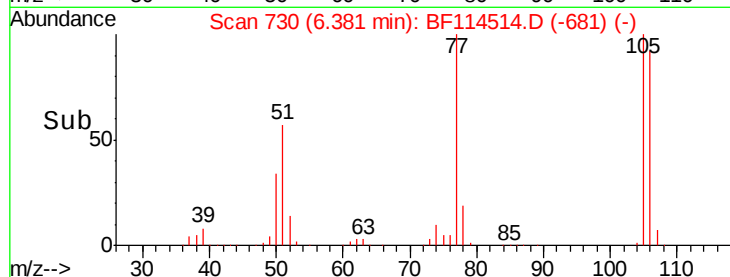
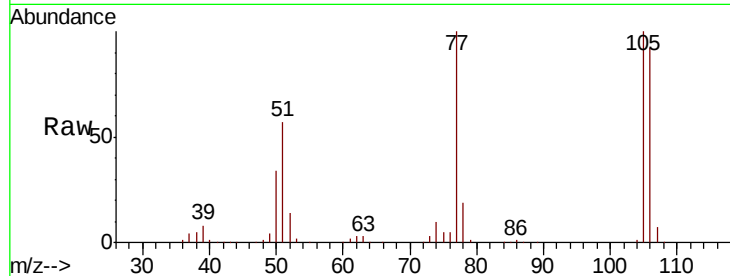




#9
Benzaldehyde
Concen: 37.150 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

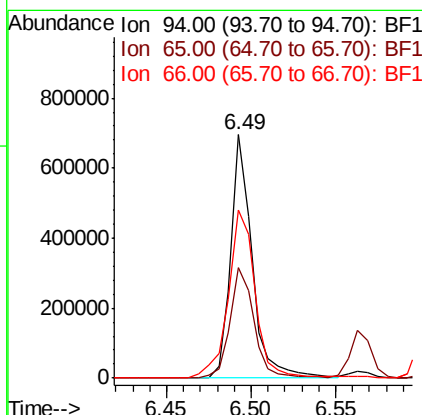
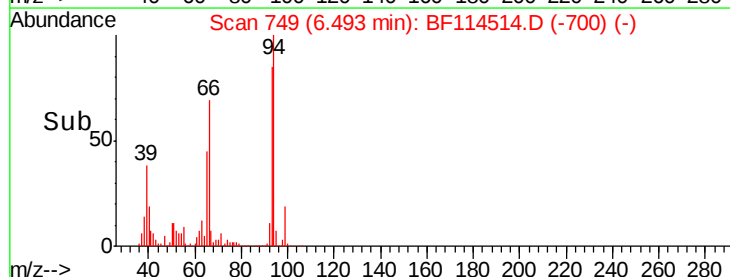
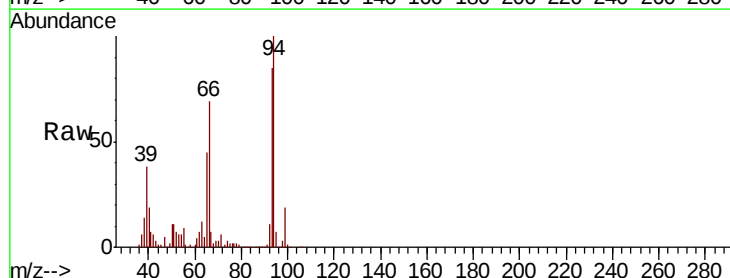
Instrument :
BNA_F
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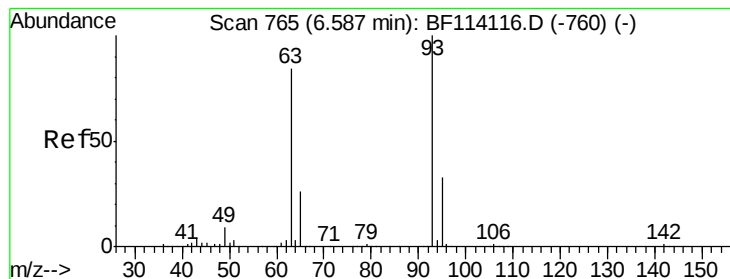
Tot Ion: 77 Resp: 329028
Ion Ratio Lower Upper
77 100
105 100.5 79.3 119.3
106 92.5 77.0 117.0



#10
Phenol
Concen: 41.023 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion: 94 Resp: 610535
Ion Ratio Lower Upper
94 100
65 45.3 14.7 54.7
66 69.3 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 40.534 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

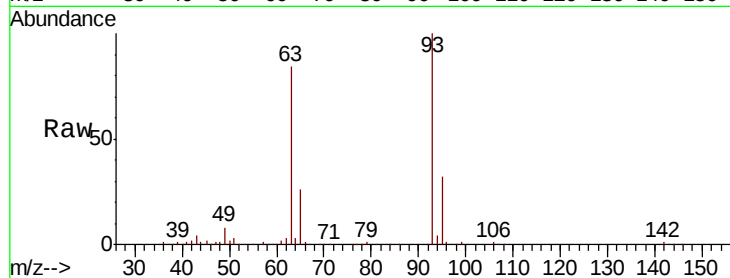
Tot Ion: 93 Resp: 457982

Ion Ratio Lower Upper

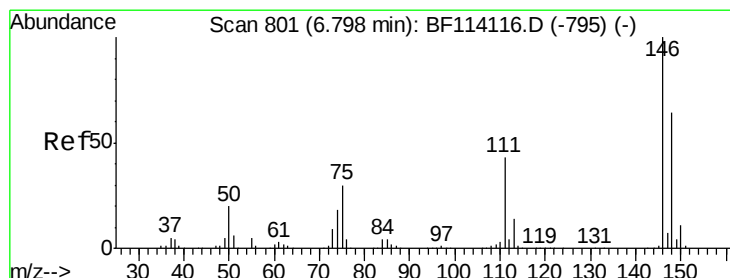
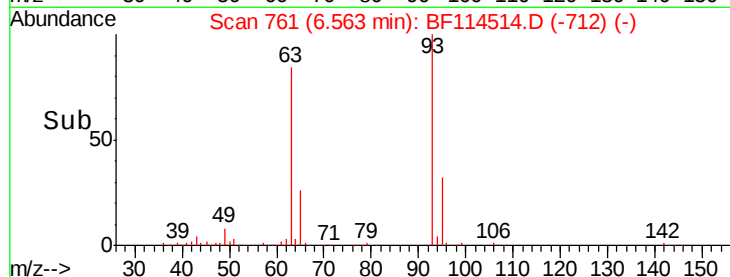
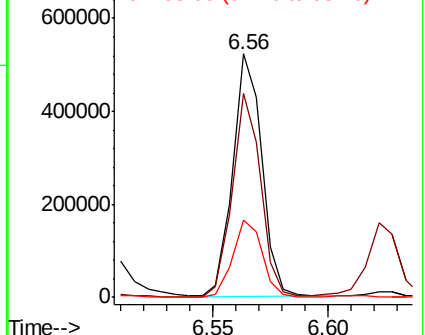
93 100

63 83.9 63.6 103.6

95 31.9 13.1 53.1



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



#12

1,3-Dichlorobenzene

Concen: 41.062 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

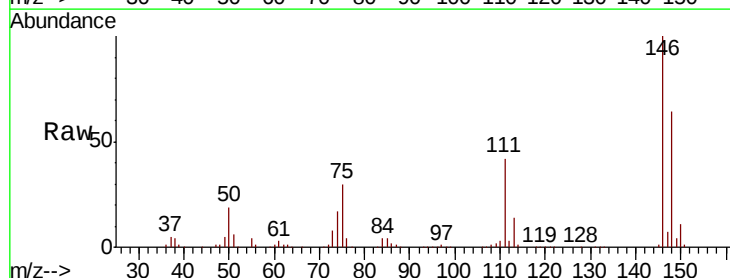
Tgt Ion: 146 Resp: 526341

Ion Ratio Lower Upper

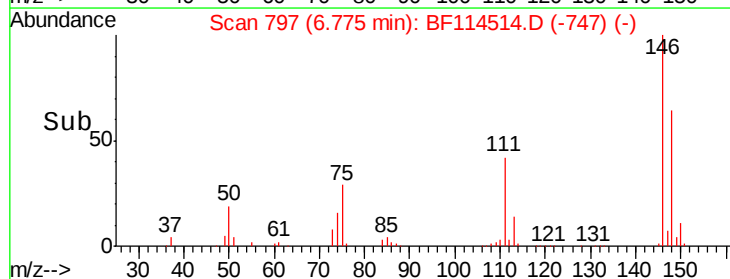
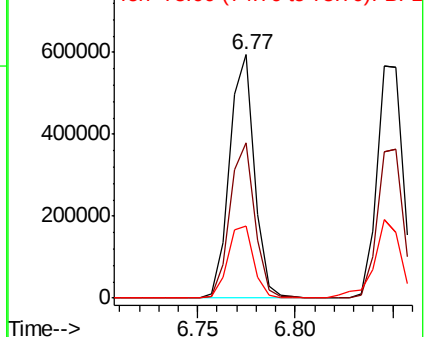
146 100

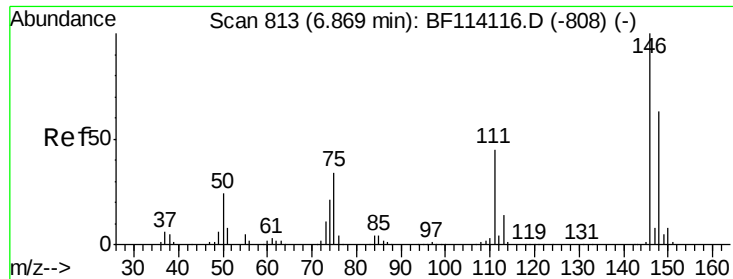
148 63.6 51.6 77.4

75 29.6 24.2 36.2



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

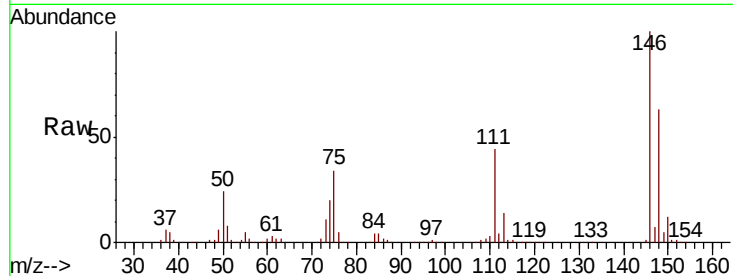




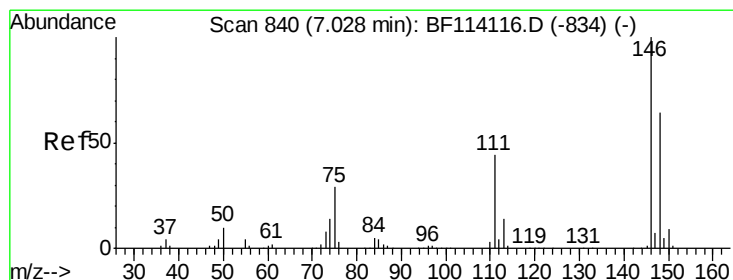
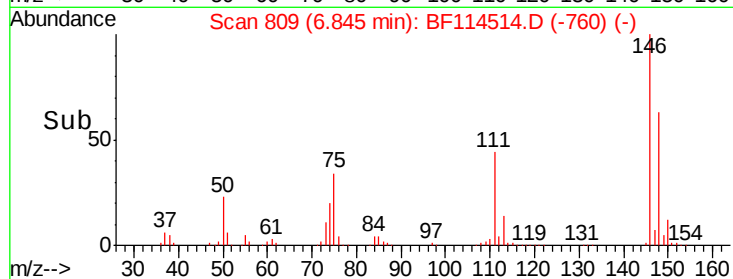
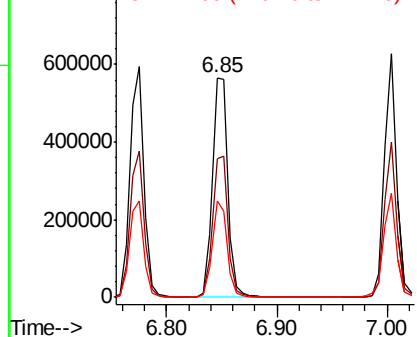
#13
 1,4-Dichlorobenzene
 Concen: 41.430 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 535133
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.2 75.2
 111 43.9 35.8 53.6

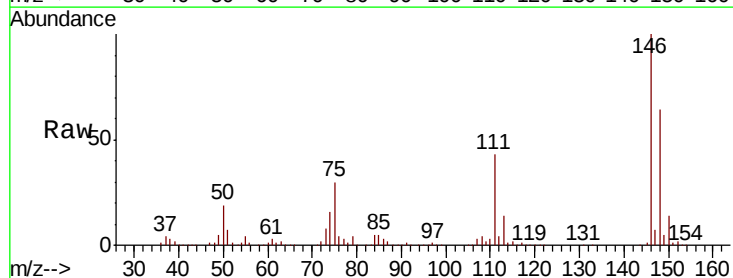


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

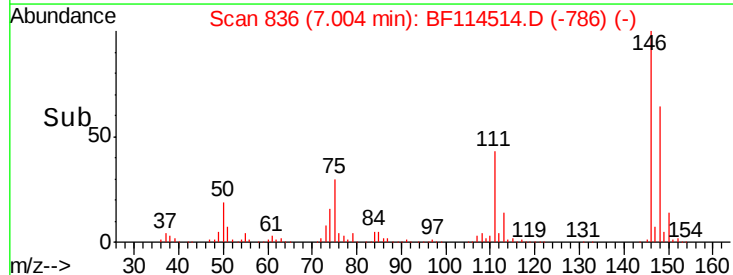
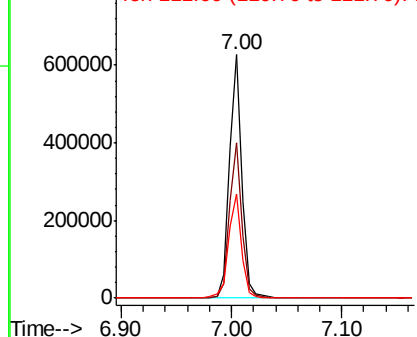


#14
 1,2-Dichlorobenzene
 Concen: 41.843 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion:146 Resp: 493775
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 43.0 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: 38.912 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

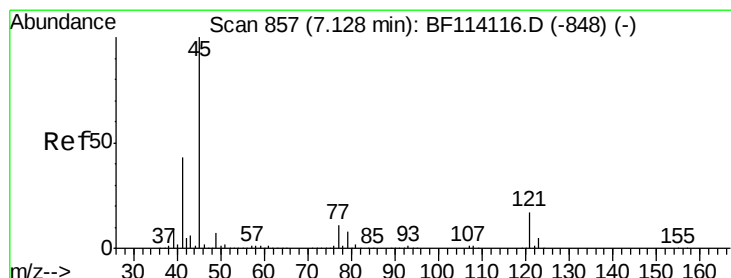
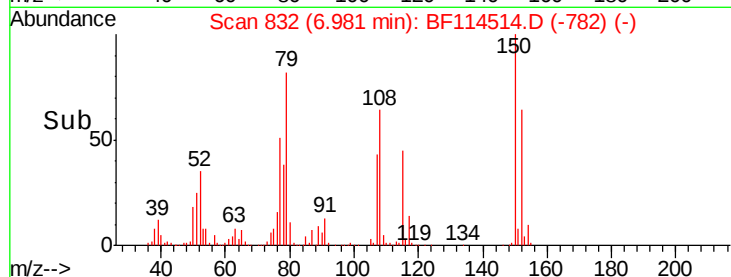
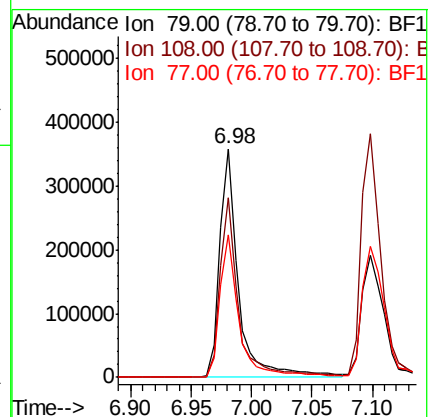
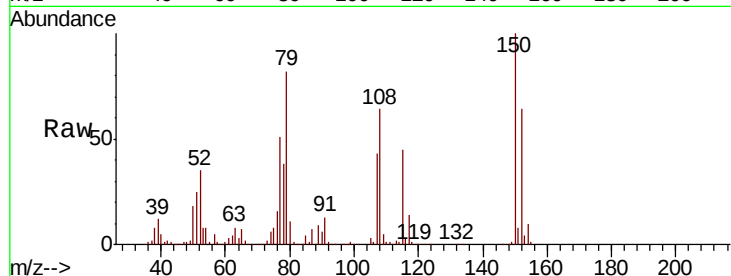
Tot Ion: 79 Resp: 383956

Ion Ratio Lower Upper

79 100

108 78.7 62.1 93.1

77 62.5 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.733 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

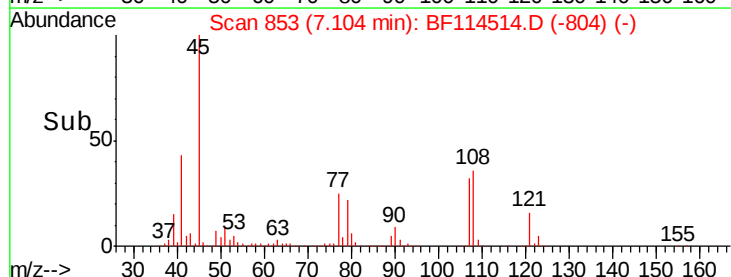
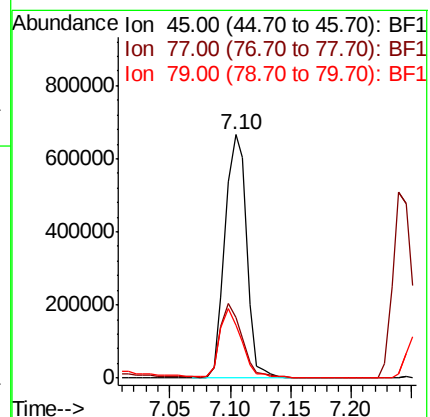
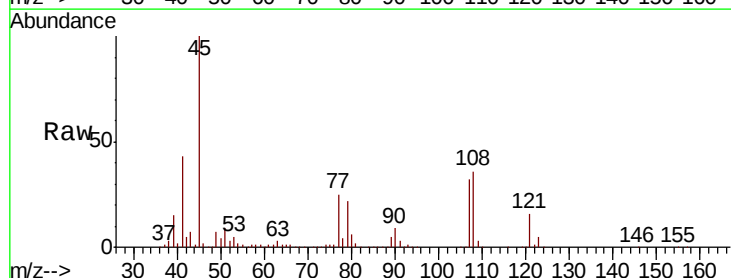
Tgt Ion: 45 Resp: 826643

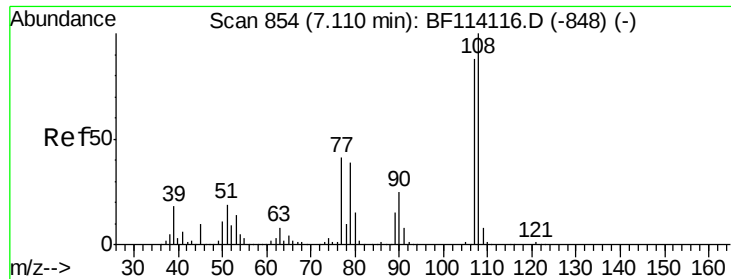
Ion Ratio Lower Upper

45 100

77 24.7 0.0 31.1

79 21.5 0.0 28.4

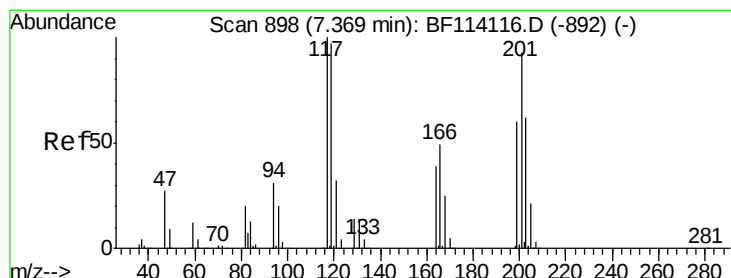
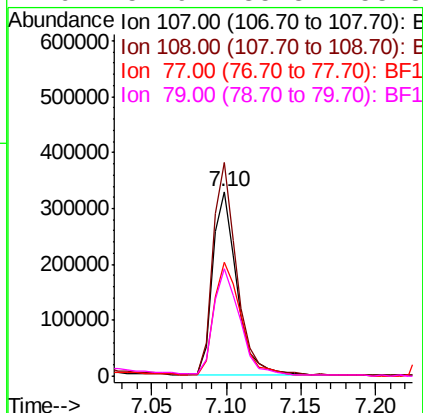
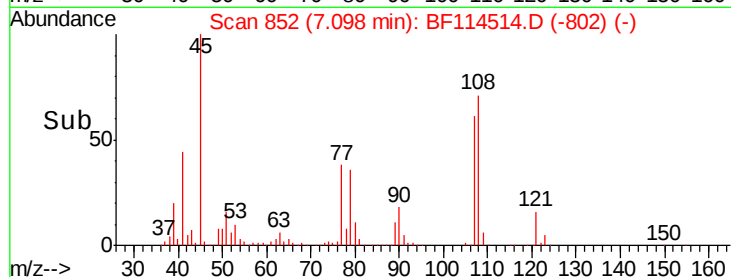
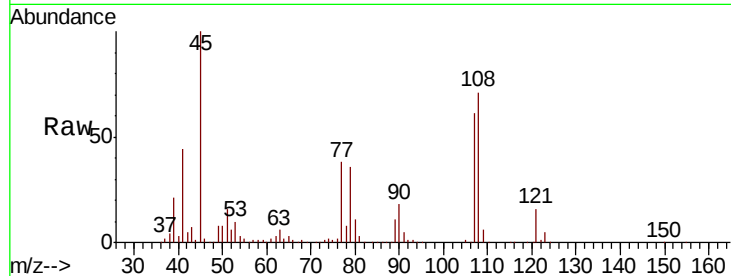




#17
2-Methylphenol
Concen: 39.433 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

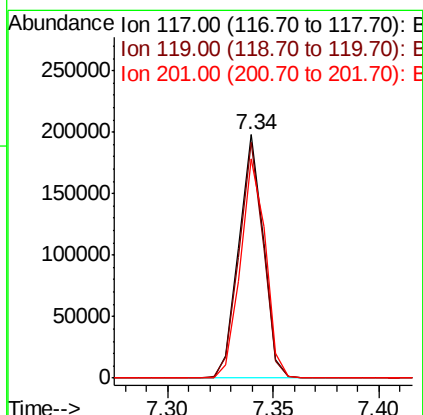
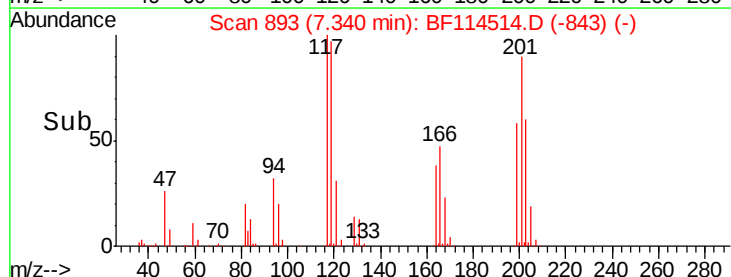
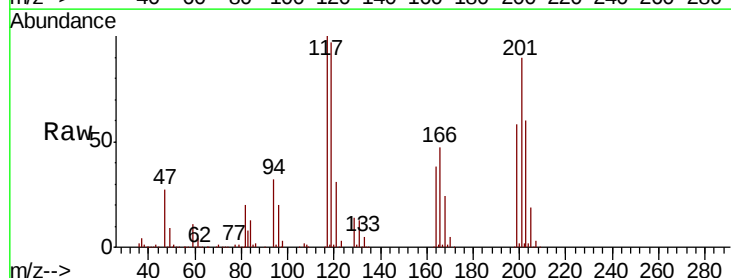
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.5	135.7
77	61.9	37.0	55.4
79	57.9	35.8	53.8



#18
Hexachloroethane
Concen: 32.592 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.2
201	90.3	74.5	111.7

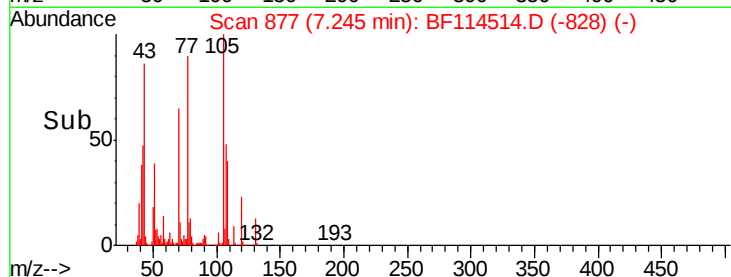
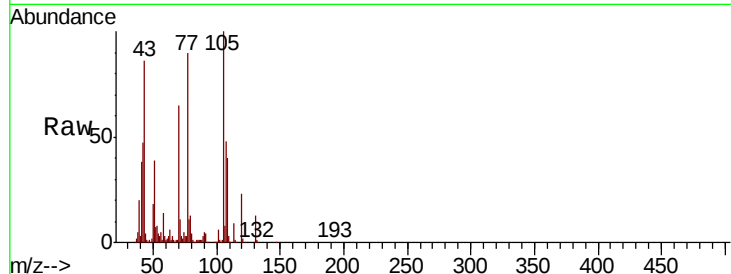
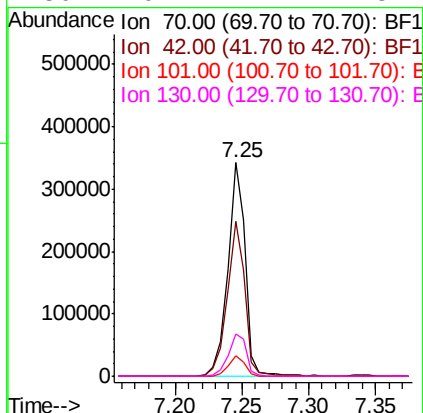




#19
n-Nitroso-di-n-propylamine
Concen: 39.385 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

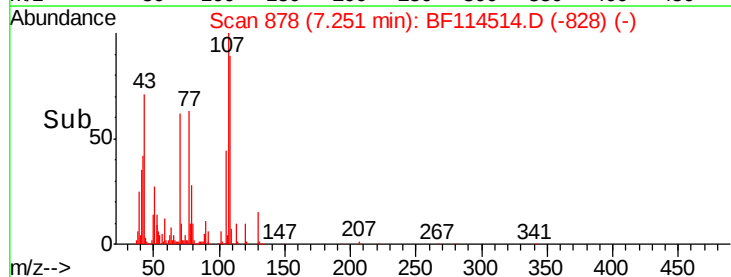
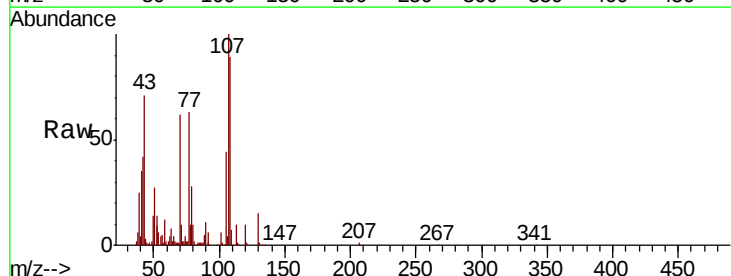
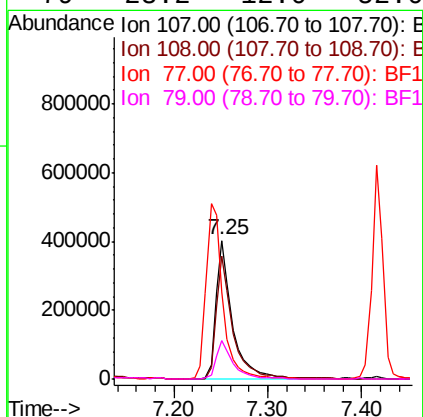
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

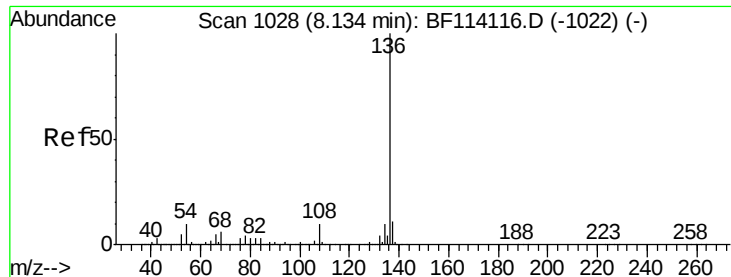
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.5	58.6	87.8
101	9.3	7.8	11.8
130	19.7	17.1	25.7



#20
3+4-Methylphenols
Concen: 45.005 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	73.8	113.8
77	62.6	111.5	151.5#
79	28.2	12.0	52.0

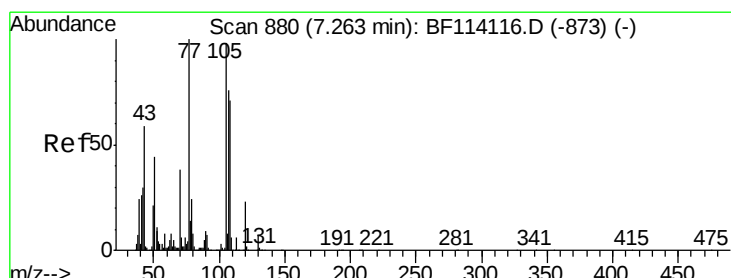
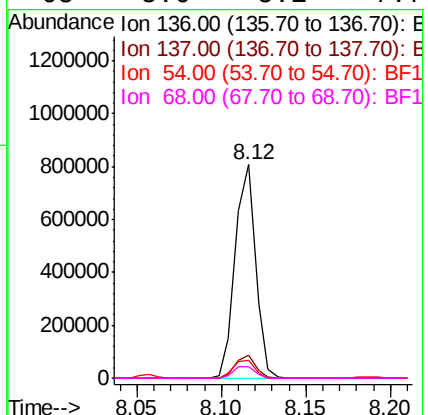
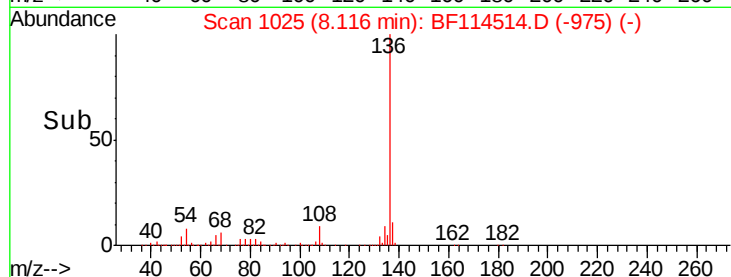
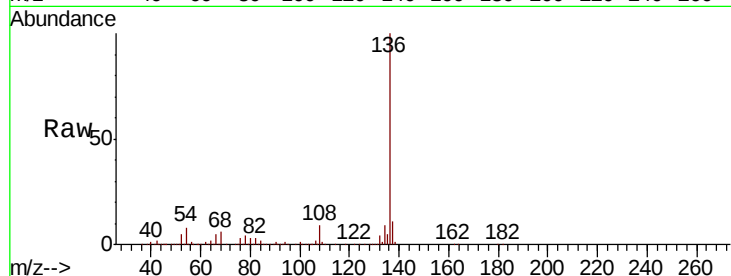




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

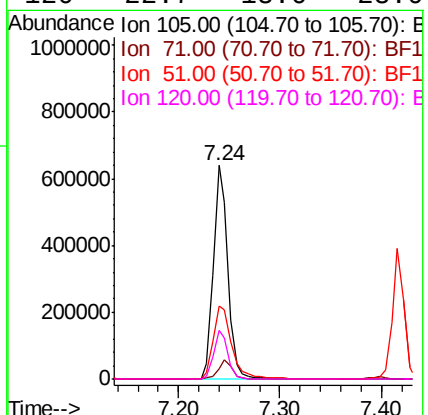
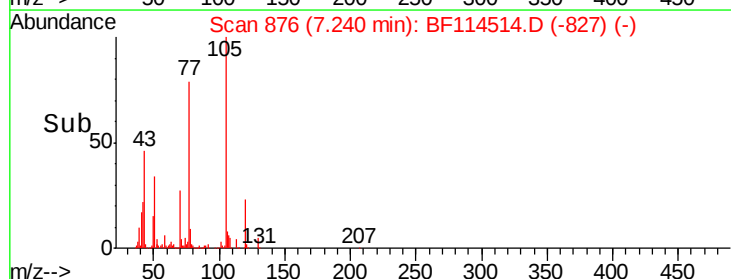
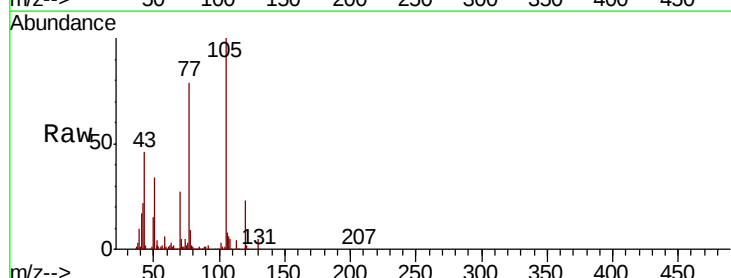
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp: 681293
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 8.4	7.8 11.8
68 5.6	5.1 7.7



#22
Acetophenone
Concen: 41.884 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt	Ion:105	Resp:	632155
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.3	7.9#
51	33.9	36.2	54.4#
120	22.7	18.6	28.0

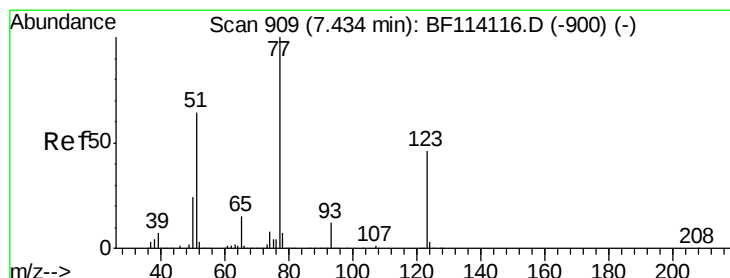
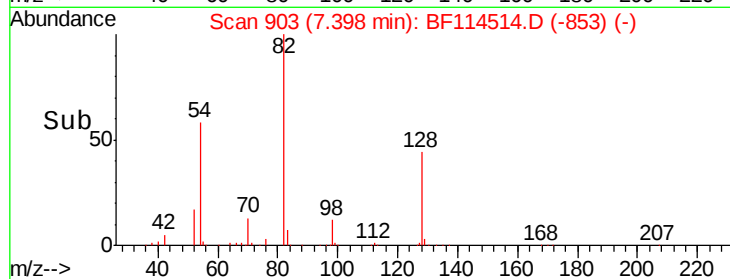
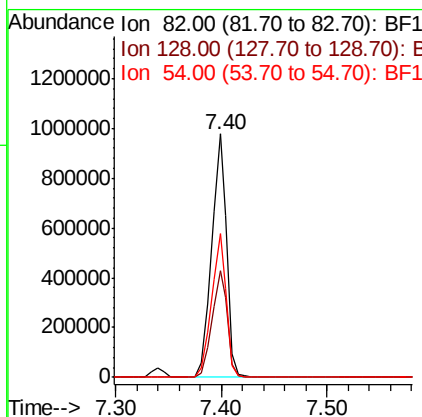
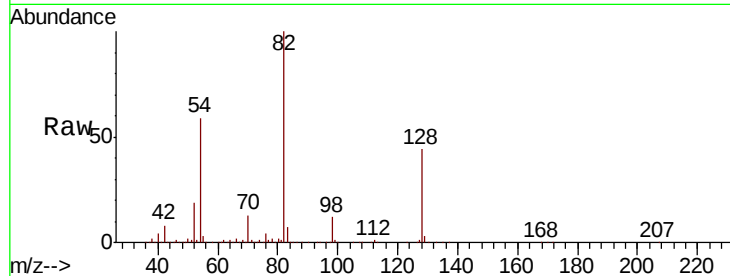




#23
 Nitrobenzene-d5
 Concen: 80.824 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

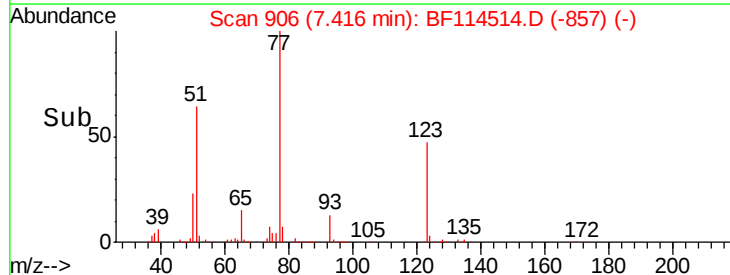
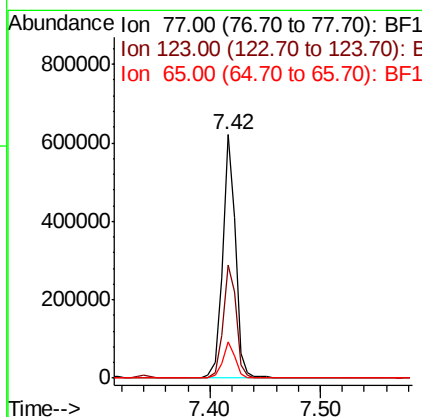
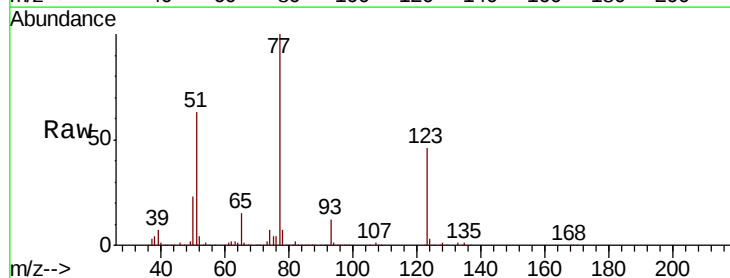
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

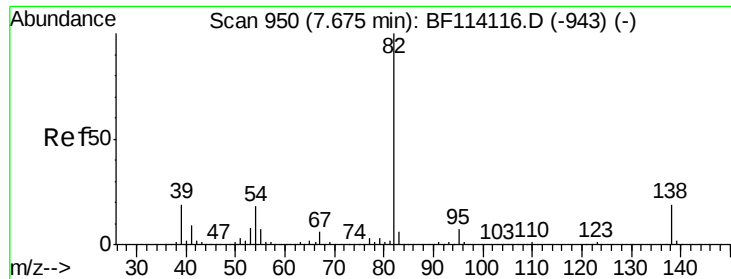
Tot Ion	82	Resp	981194
Ion Ratio	Lower	Upper	
82	100		
128	43.9	35.5	53.3
54	59.1	48.5	72.7



#24
 Nitrobenzene
 Concen: 40.705 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion	77	Resp	503297
Ion Ratio	Lower	Upper	
77	100		
123	46.4	36.9	55.3
65	14.6	11.8	17.6

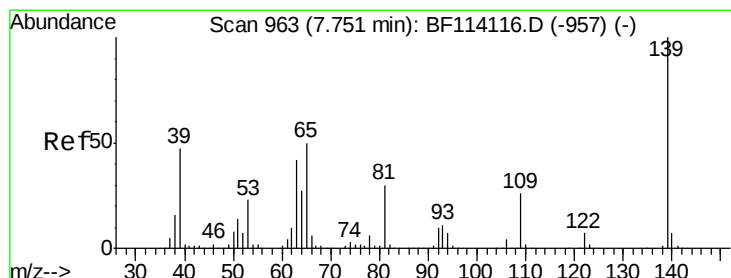
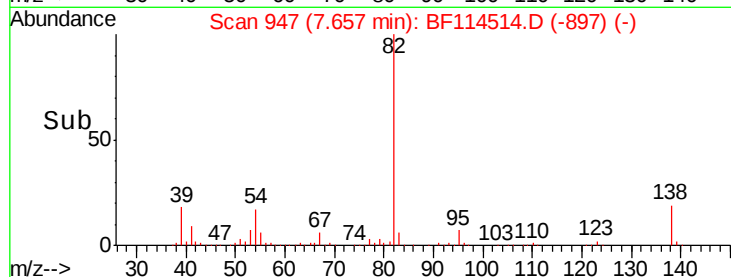
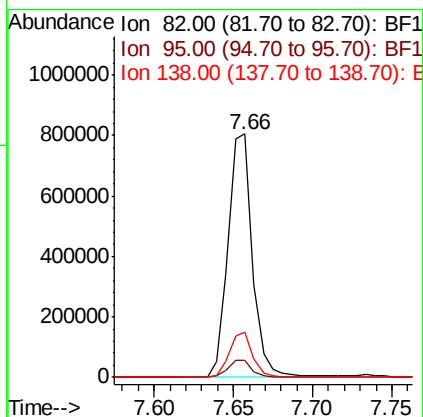
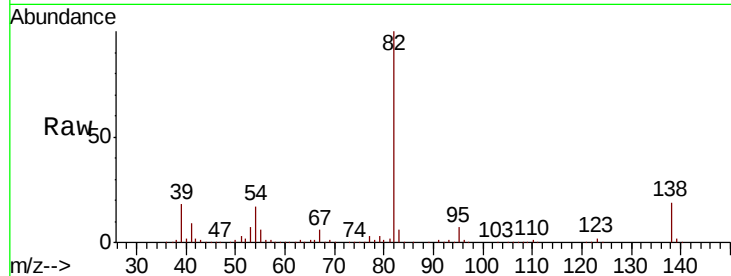




#25
Isophorone
Concen: 38.448 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

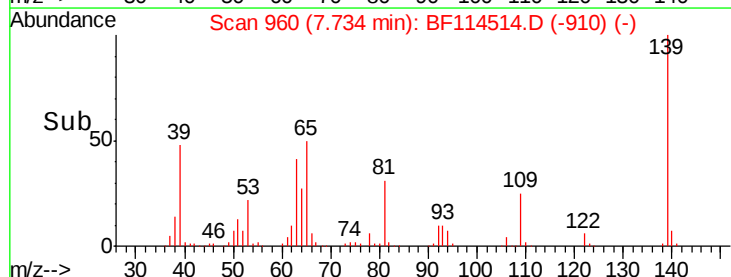
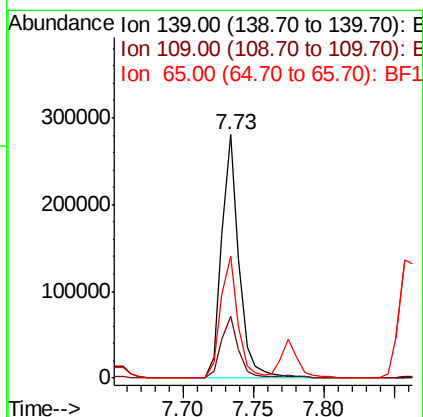
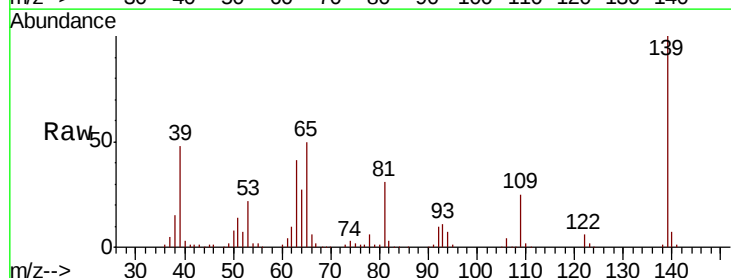
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

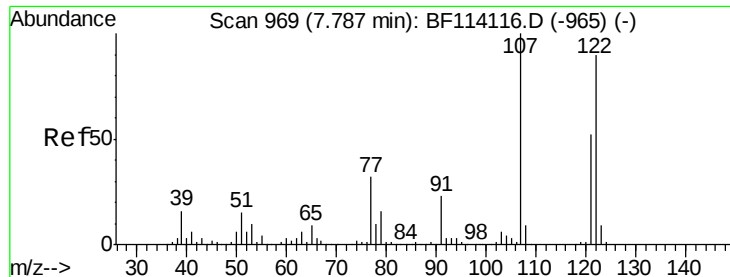
Tot Ion: 82 Resp: 865639
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.6 14.8 22.2



#26
2-Nitrophenol
Concen: 40.328 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion: 139 Resp: 241921
Ion Ratio Lower Upper
139 100
109 25.4 20.7 31.1
65 50.0 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 36.969 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

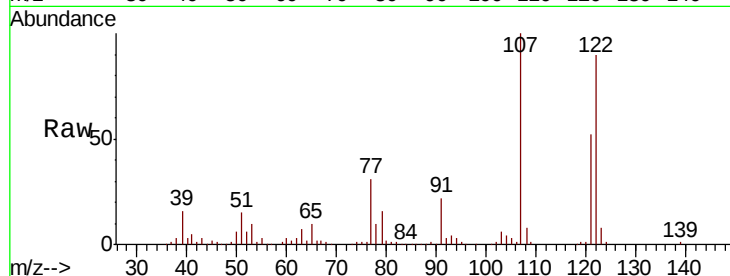
Tot Ion:122 Resp: 348315

Ion Ratio Lower Upper

122 100

107 110.8 88.4 132.6

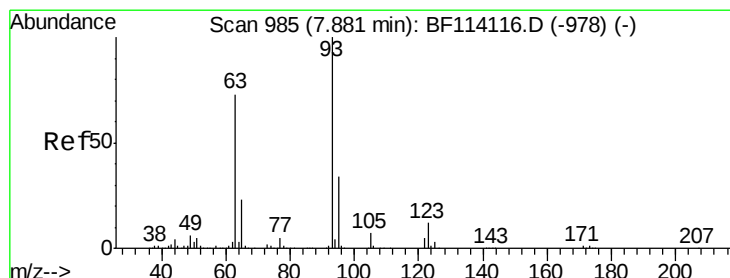
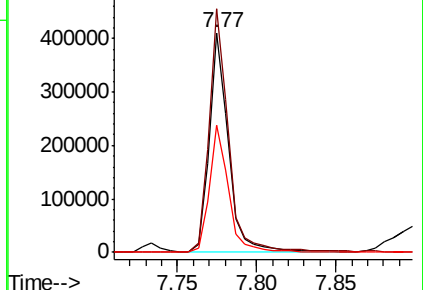
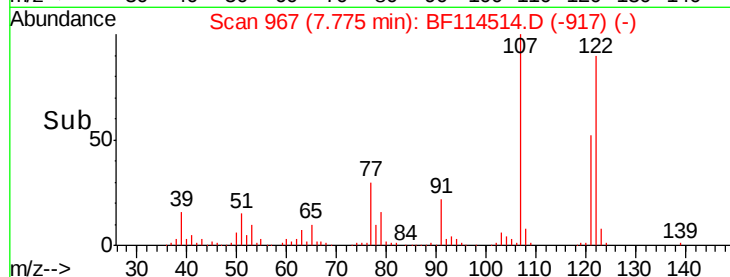
121 57.7 45.9 68.9



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: 39.302 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

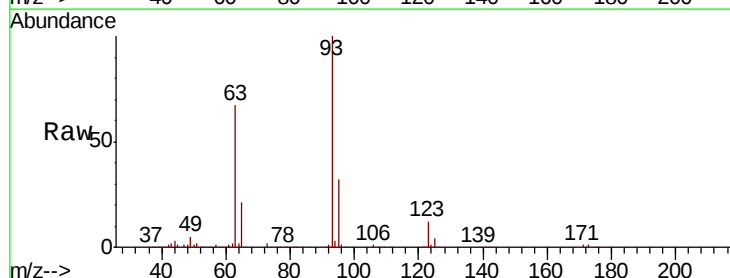
Tgt Ion: 93 Resp: 574137

Ion Ratio Lower Upper

93 100

95 32.1 26.8 40.2

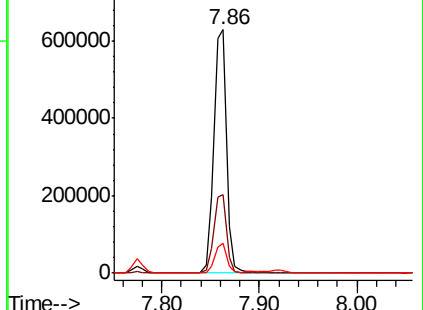
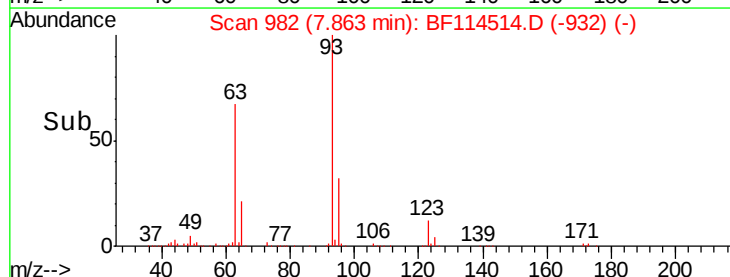
123 12.2 9.5 14.3

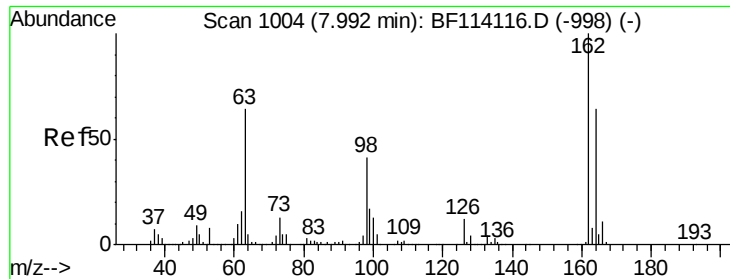


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

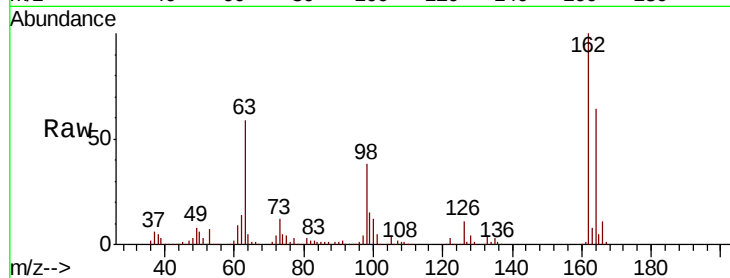




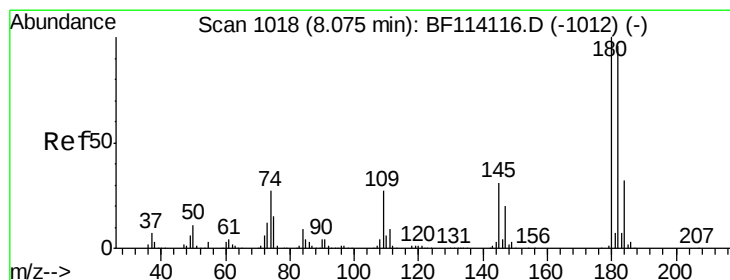
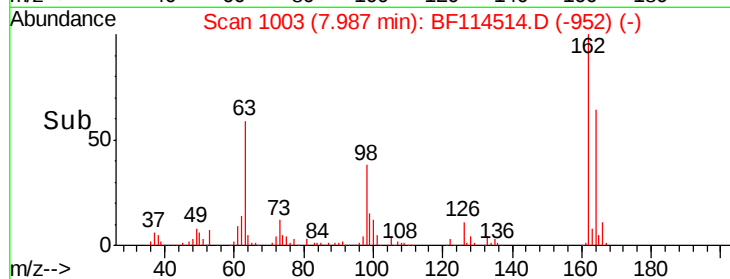
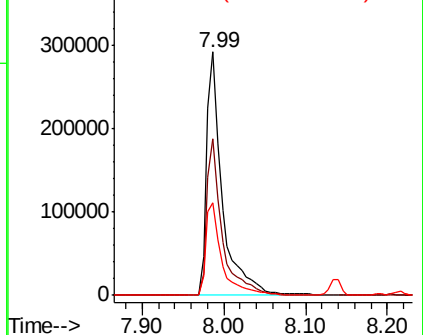
#29
2,4-Dichlorophenol
Concen: 41.576 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	38.2	20.6	60.6

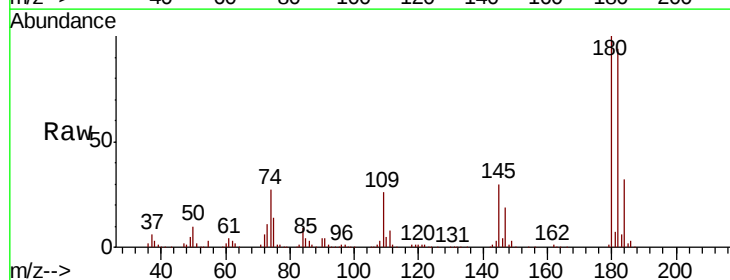


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

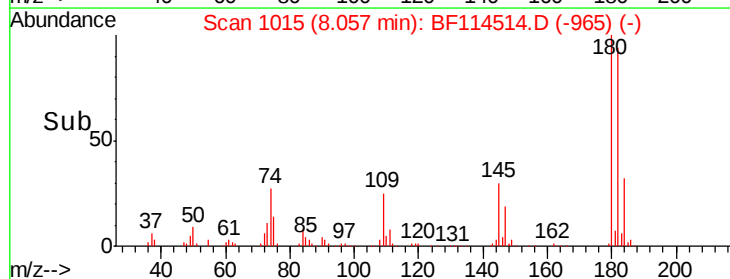
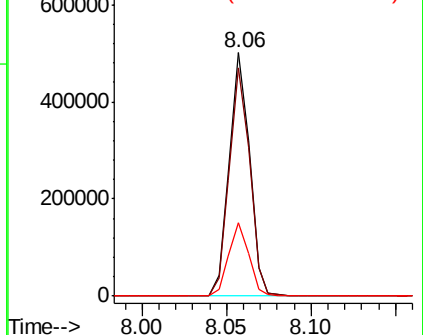


#30
1,2,4-Trichlorobenzene
Concen: 39.428 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	76.6	114.8
145	30.1	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: 41.444 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

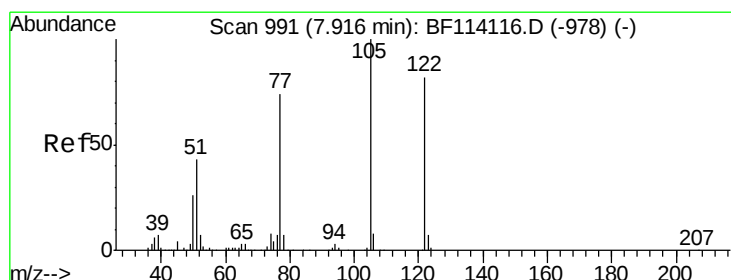
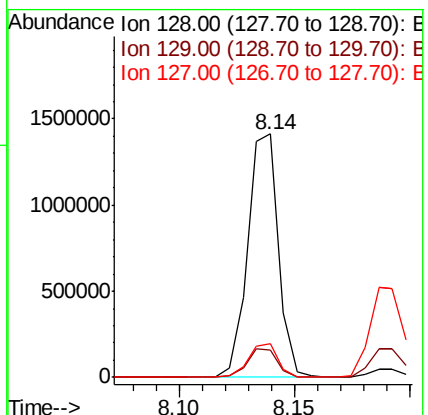
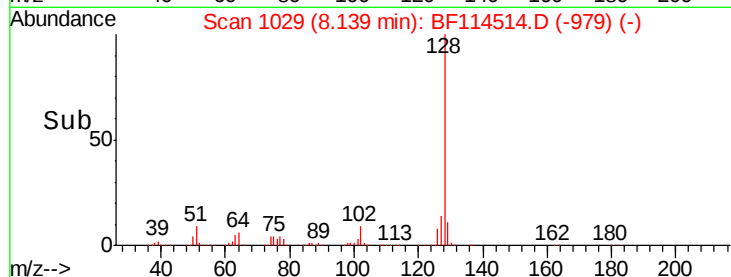
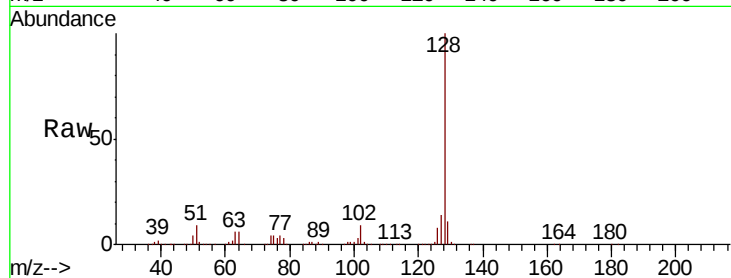
Tot Ion:128 Resp: 1318921

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

127 13.6 11.3 16.9



#32

Benzoic acid

Concen: 35.158 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

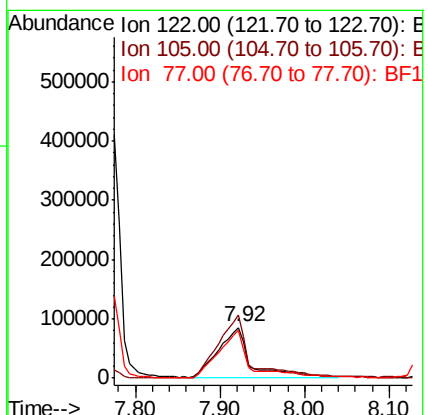
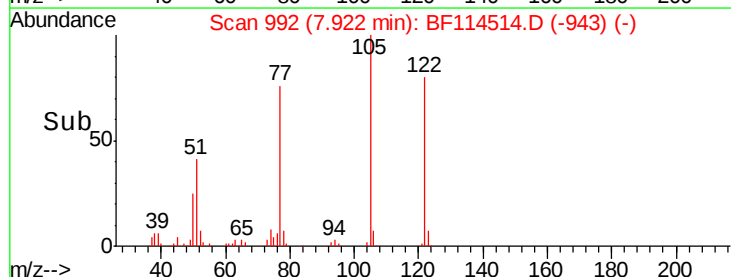
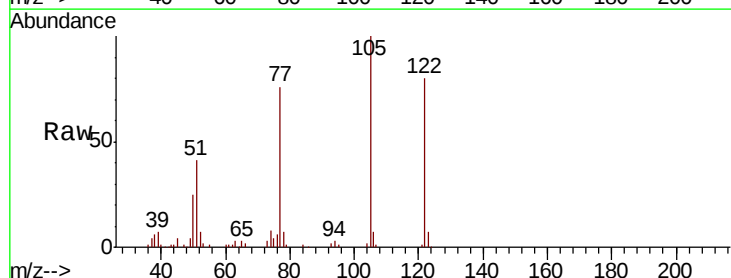
Tgt Ion:122 Resp: 221414

Ion Ratio Lower Upper

122 100

105 124.5 99.9 139.9

77 94.8 69.4 109.4

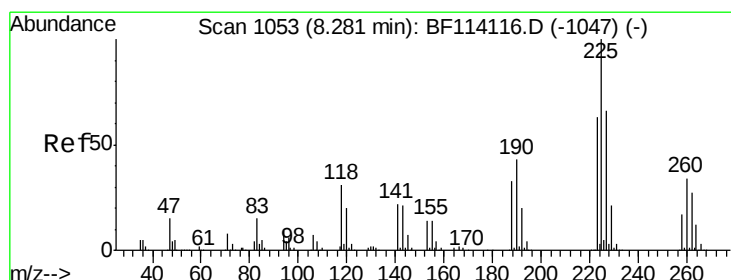
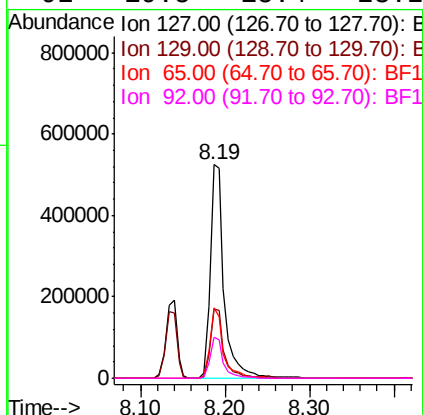
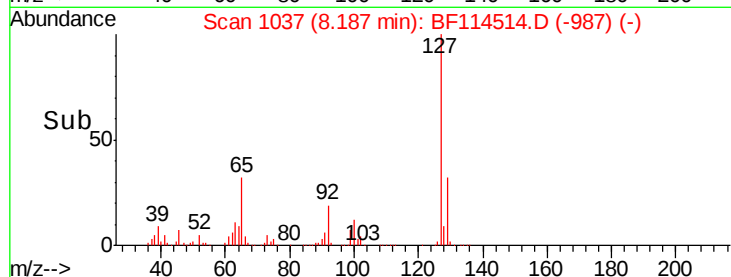
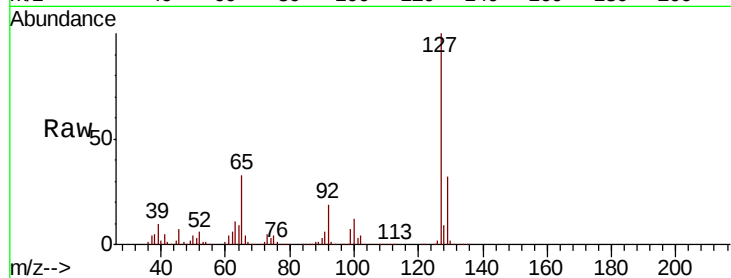




#33
4-Chloroaniline
Concen: 41.848 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

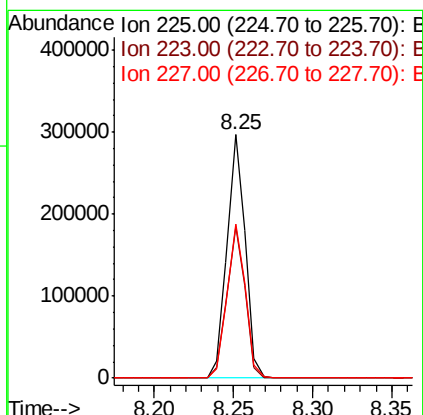
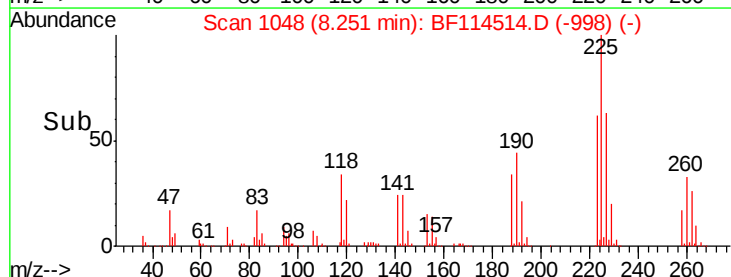
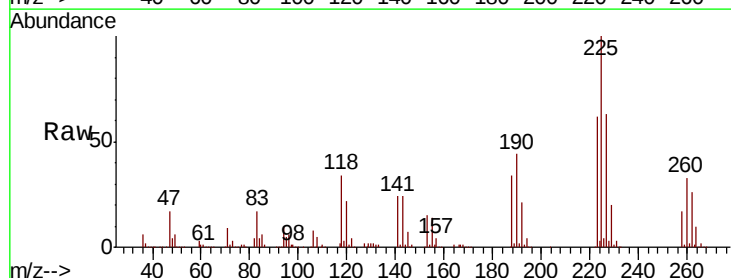
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

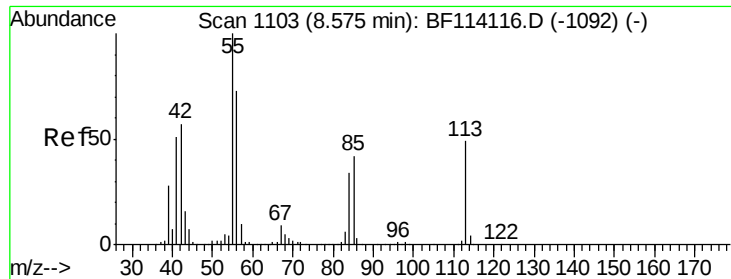
Tot Ion:	127	Resp:	606883
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	32.7	25.4	38.0
92	19.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 38.937 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:	225	Resp:	236350
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.4	52.6	79.0

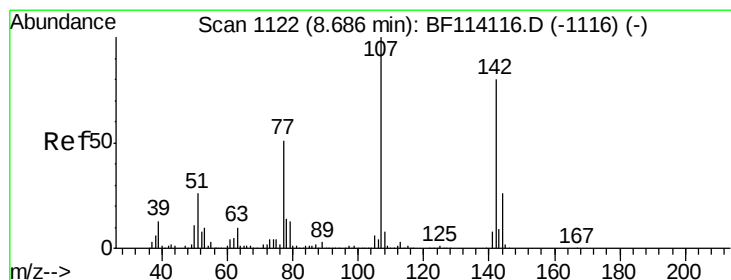
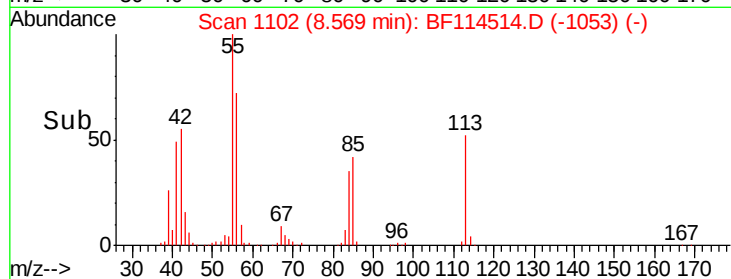
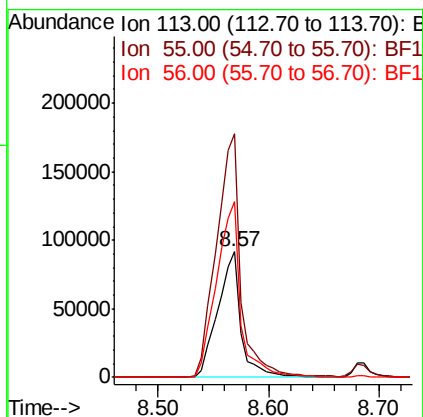
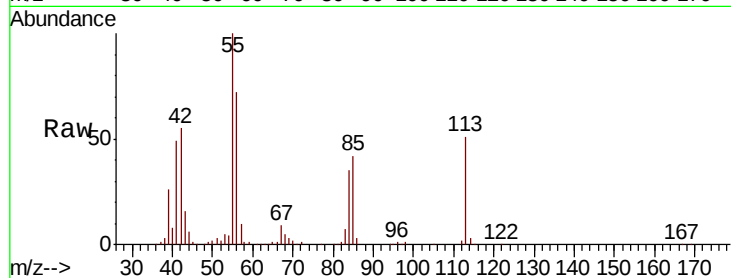




#35
Caprolactam
Concen: 43.839 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

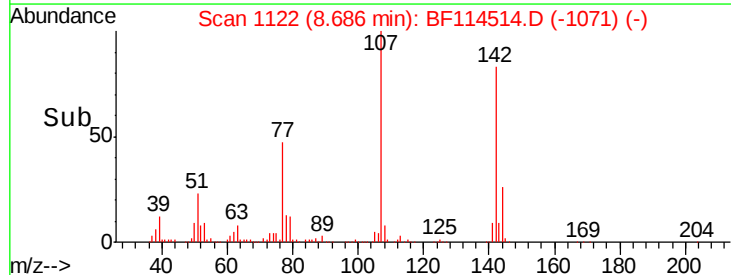
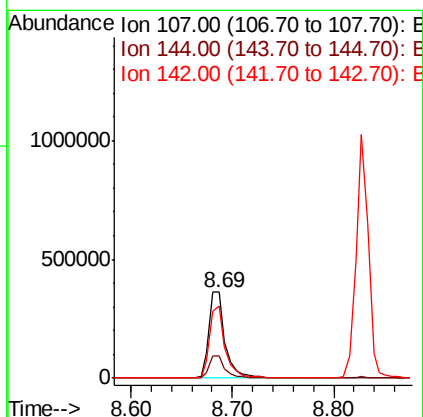
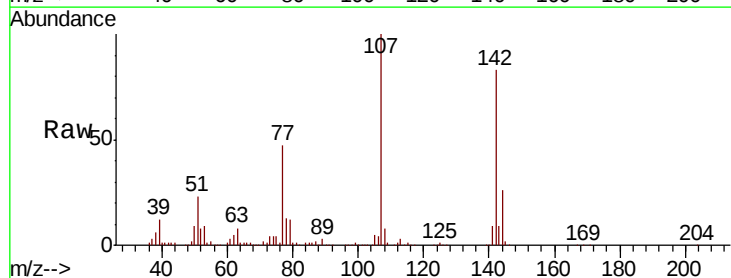
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

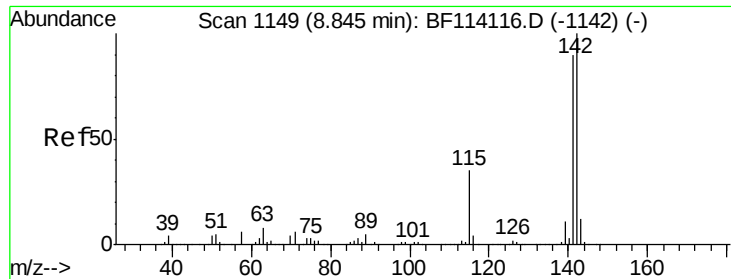
Tot Ion:113 Resp: 134110
Ion Ratio Lower Upper
113 100
55 194.4 183.5 223.5
56 140.2 128.8 168.8



#36
4-Chloro-3-methylphenol
Concen: 42.861 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:107 Resp: 404758
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 83.2 64.2 96.4





#37

2-Methylnaphthalene

Concen: 41.877 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

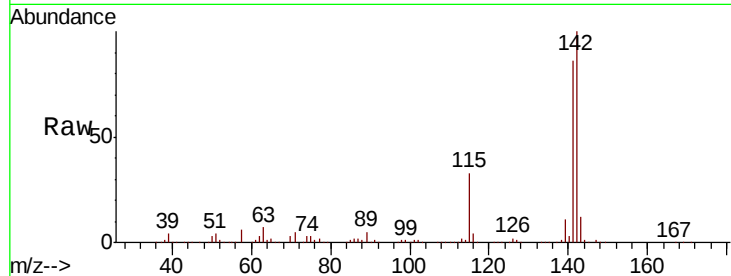
Tot Ion:142 Resp: 859847

Ion Ratio Lower Upper

142 100

141 86.2 72.1 108.1

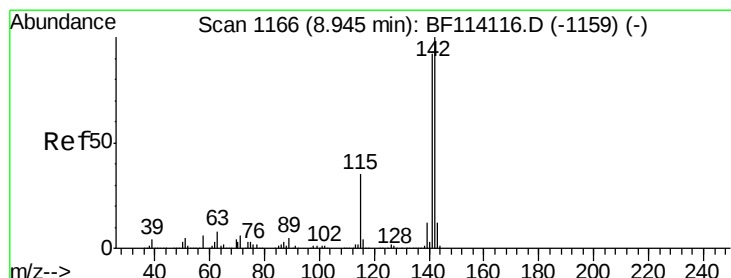
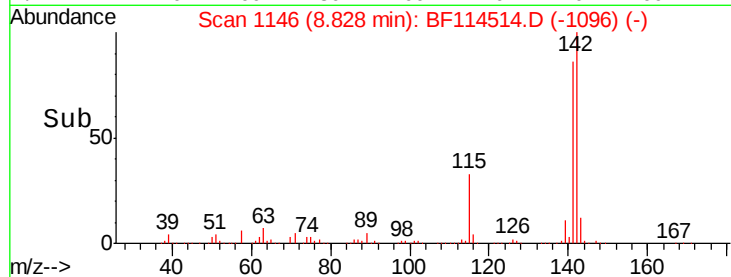
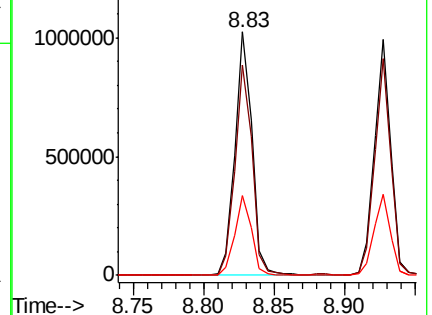
115 32.9 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.371 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

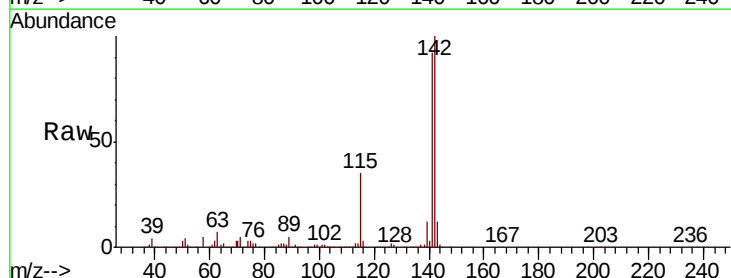
Tgt Ion:142 Resp: 799948

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.0

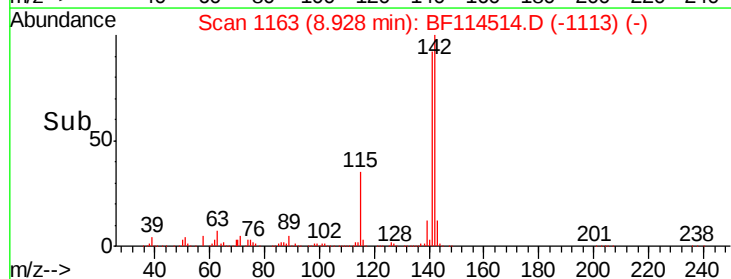
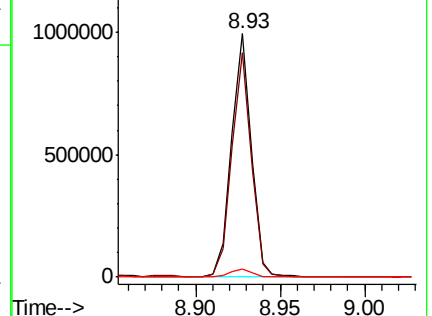
116 3.4 3.1 4.7

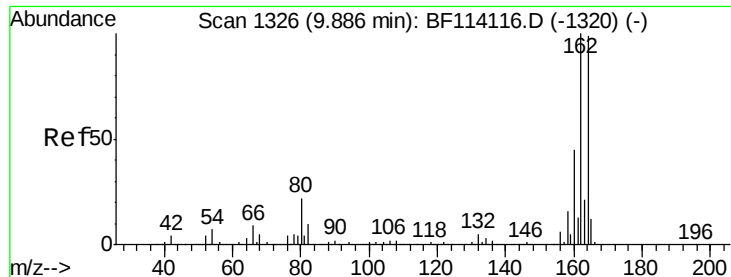


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

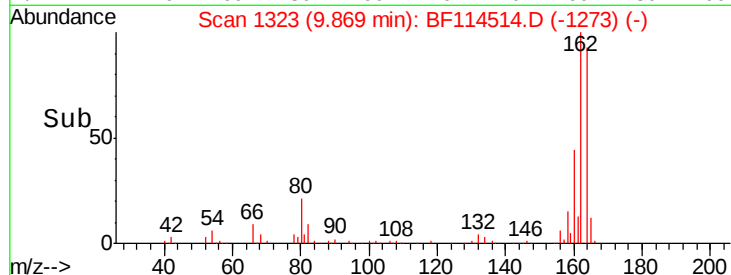
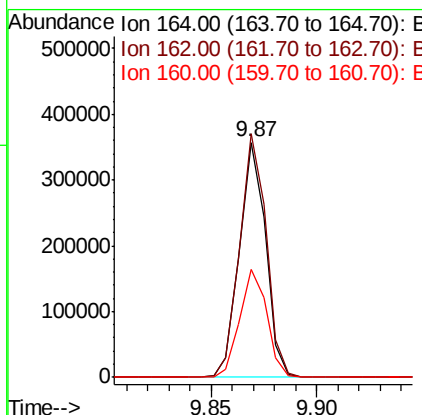
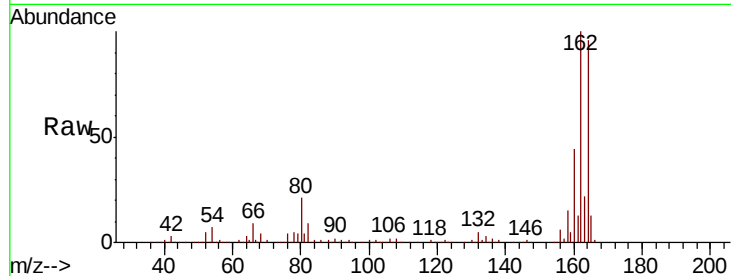




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

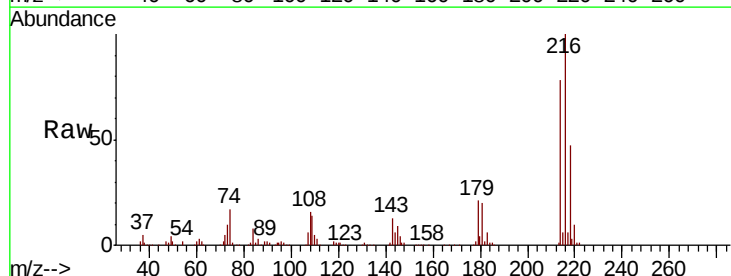
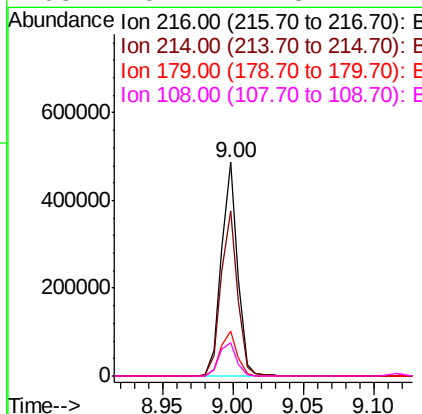
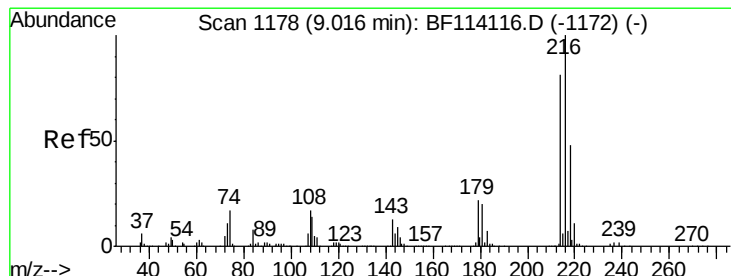
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	164	Resp:	306500
Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	120.8
160	45.8	36.5	54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.984 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion:	216	Resp:	389800
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.9	95.9
179	21.4	17.0	25.6
108	16.7	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 4.392 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

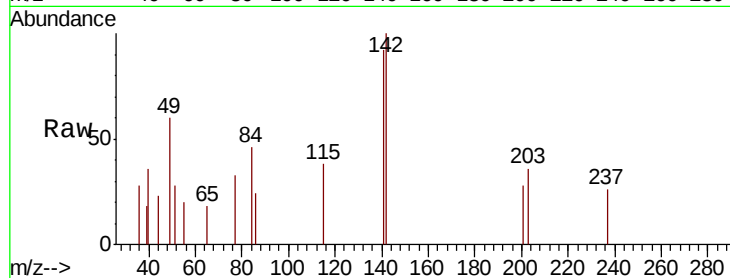
Tot Ion:237 Resp: 309

Ion Ratio Lower Upper

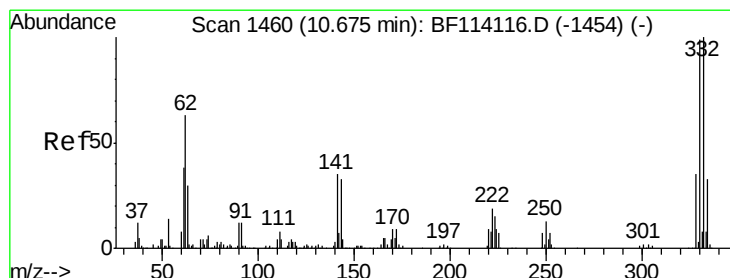
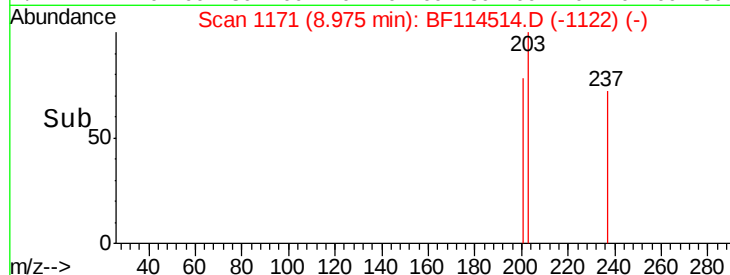
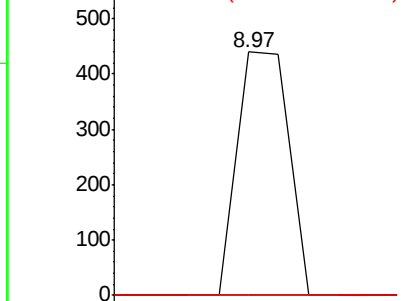
237 100

235 0.0 42.0 82.0#

272 0.0 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: 67.651 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

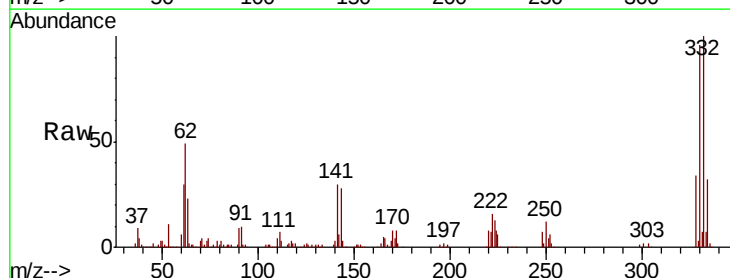
Tgt Ion:330 Resp: 214365

Ion Ratio Lower Upper

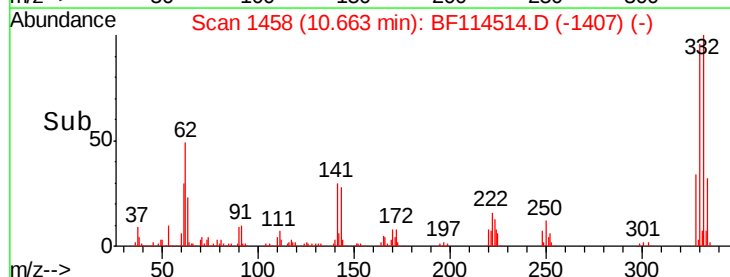
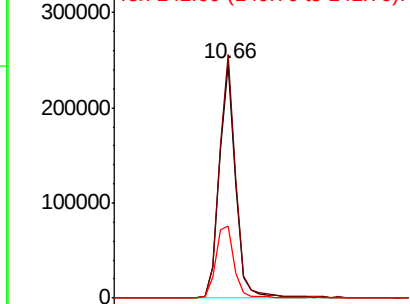
330 100

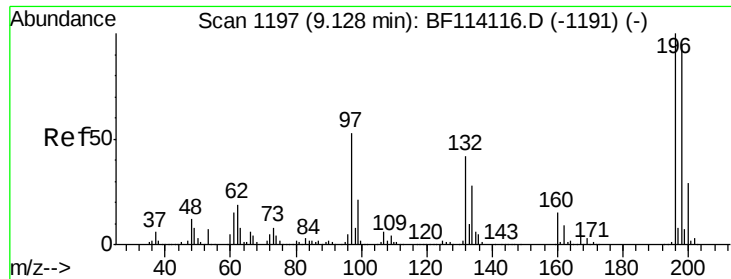
332 103.3 81.4 122.2

141 34.9 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

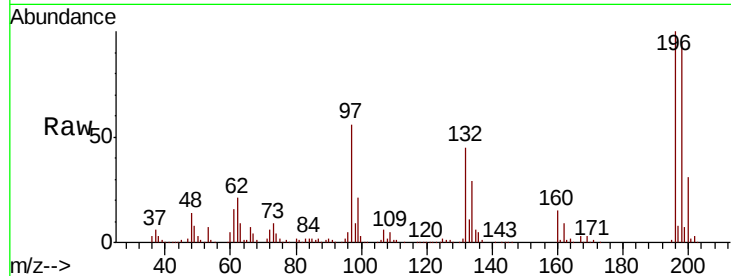




#43
 2,4,6-Trichlorophenol
 Concen: 41.591 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	265609
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.9	113.9
200	30.5	23.5	35.3

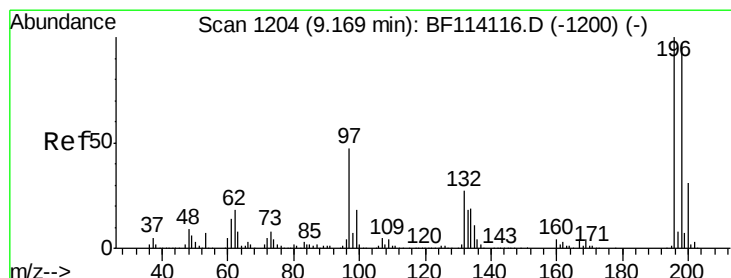
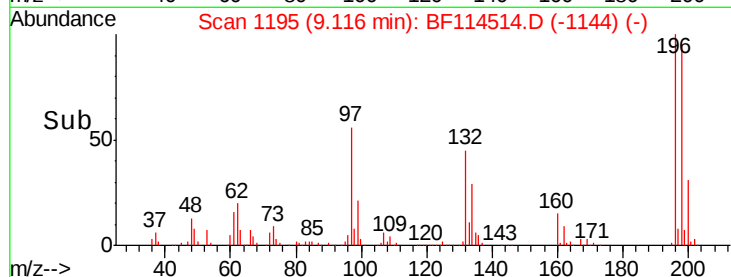
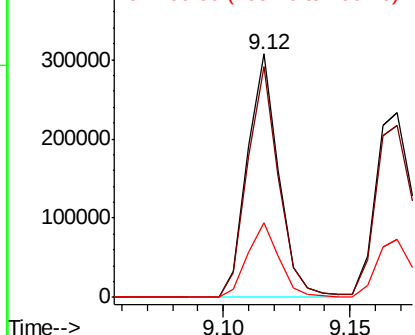


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.020 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion	196	Resp	268653
Ion Ratio	Lower	Upper	
196	100		
198	93.4	77.7	116.5
97	46.7	38.2	57.2
132	27.7	21.4	32.2

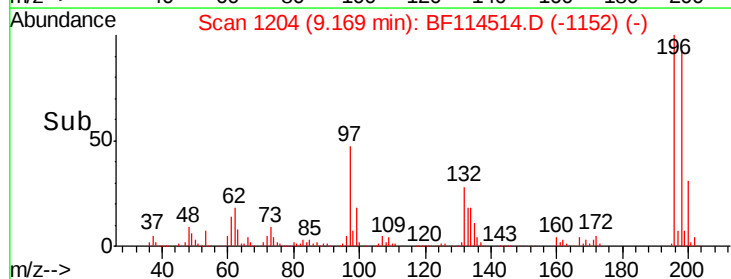
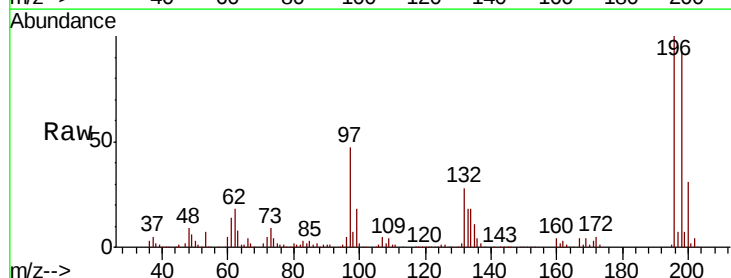
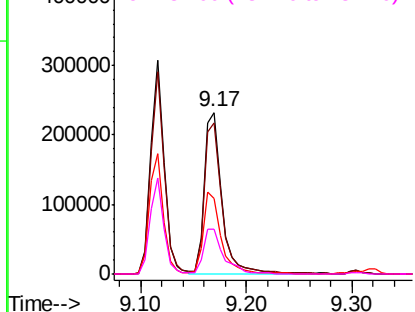
Abundance

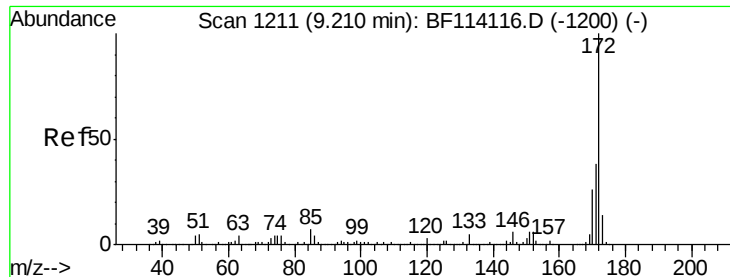
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

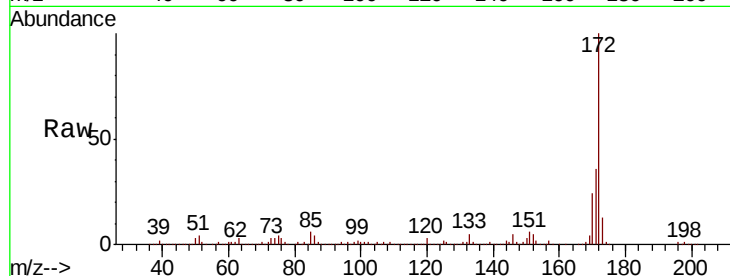




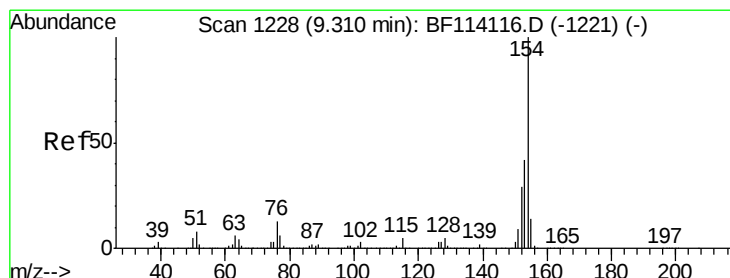
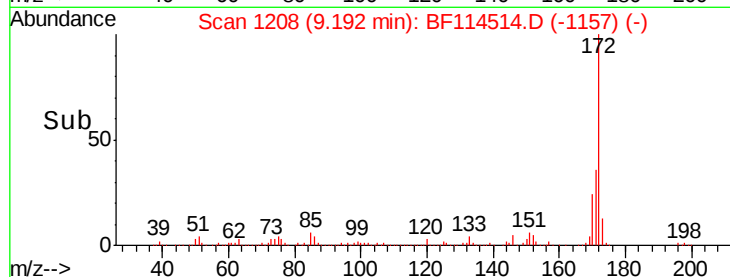
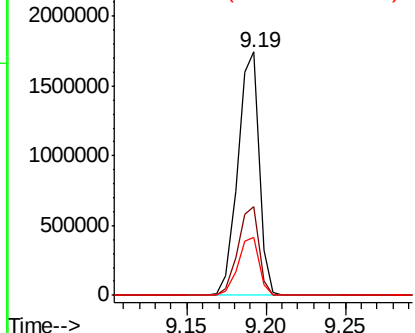
#45
2-Fluorobiphenyl
Concen: 80.019 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1621371
Ion Ratio Lower Upper
172 100
171 36.3 30.7 46.1
170 24.0 20.5 30.7

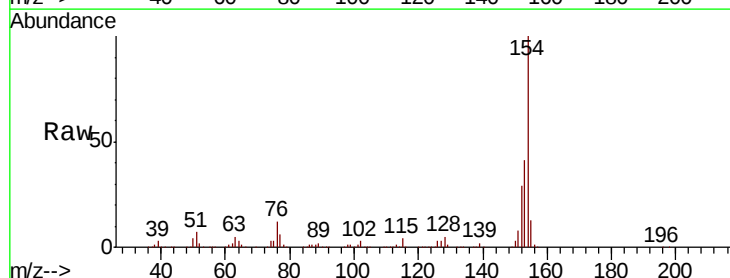


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

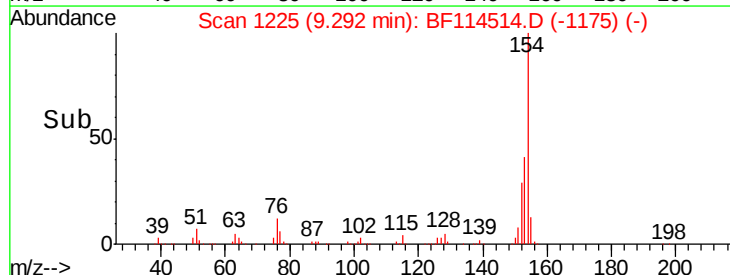
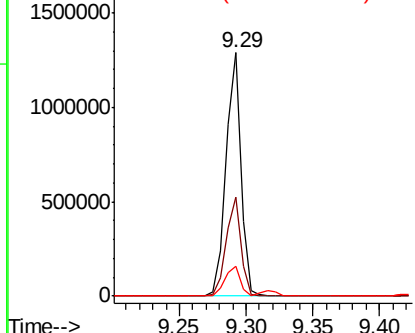


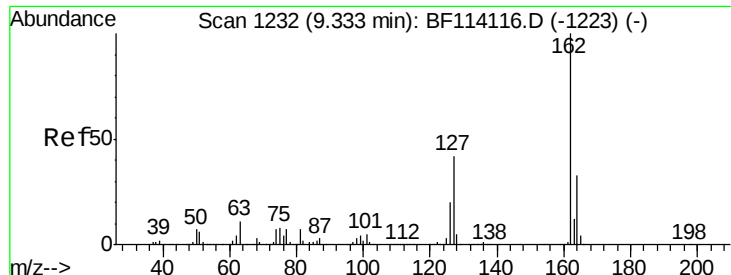
#46
1,1'-Biphenyl
Concen: 41.473 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:154 Resp: 1026905
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 12.2 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

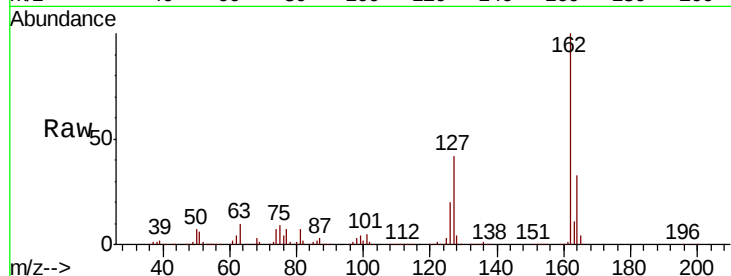




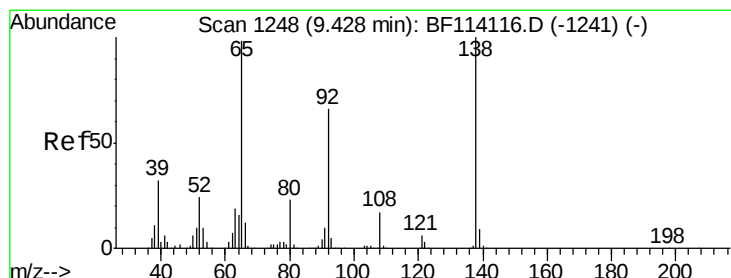
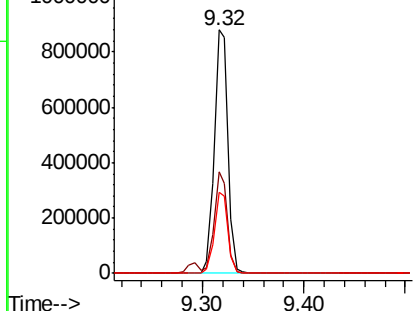
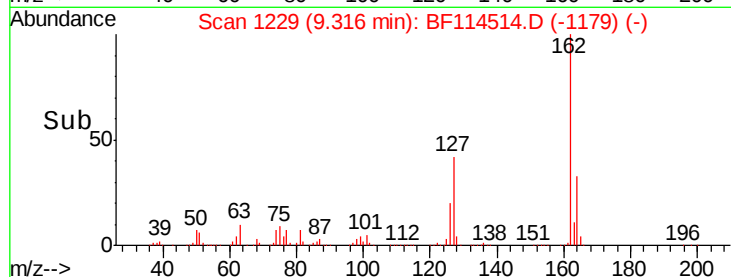
#47
 2-Chloronaphthalene
 Concen: 41.273 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.0	51.0
164	33.2	26.7	40.1

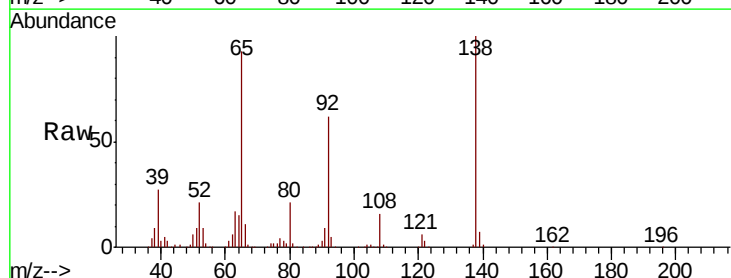


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

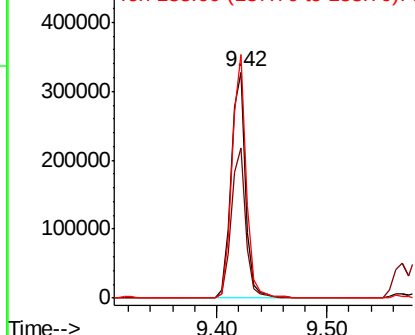
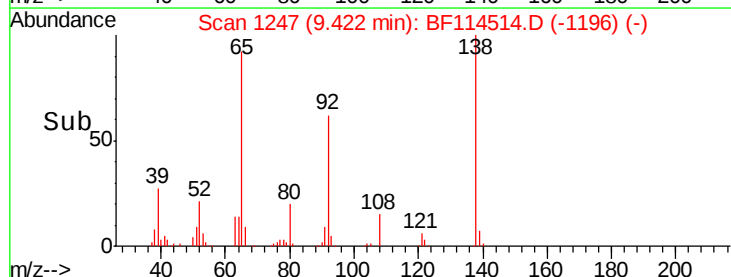


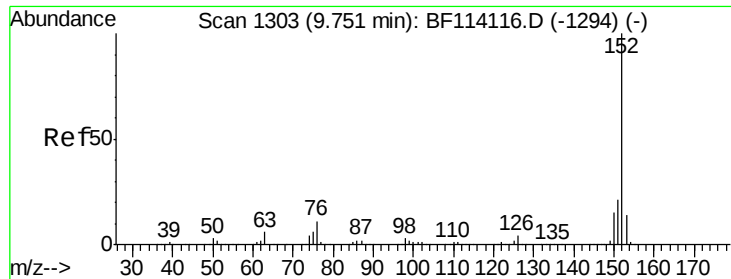
#48
 2-Nitroaniline
 Concen: 42.814 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	53.9	80.9
138	107.9	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: 41.070 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

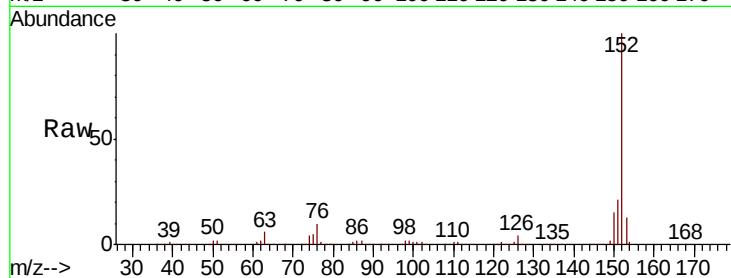
Tot Ion:152 Resp: 1244772

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

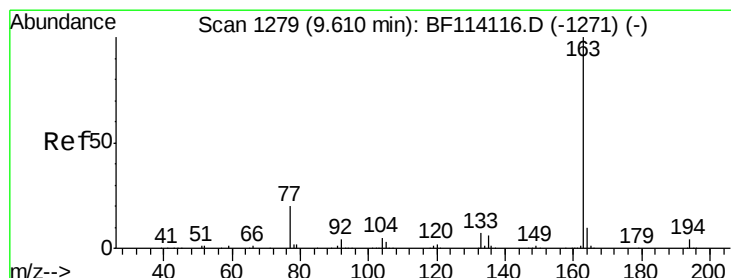
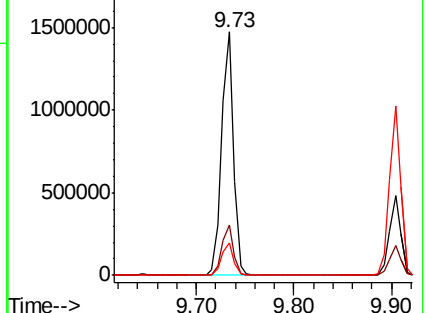
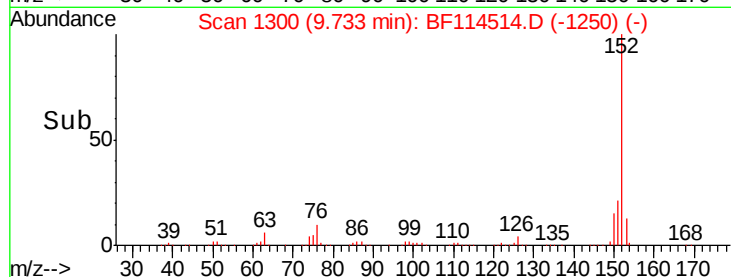
153 13.4 11.4 17.2



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: 40.697 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

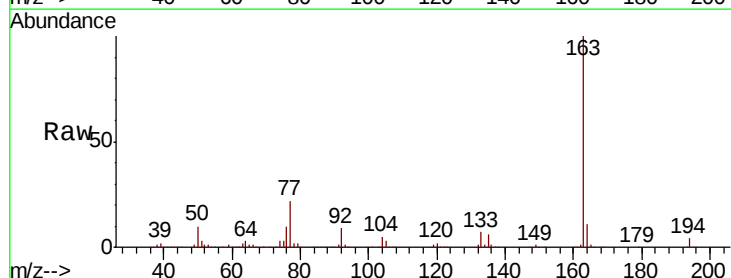
Tgt Ion:163 Resp: 915684

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

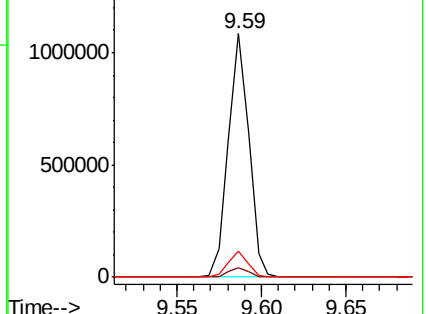
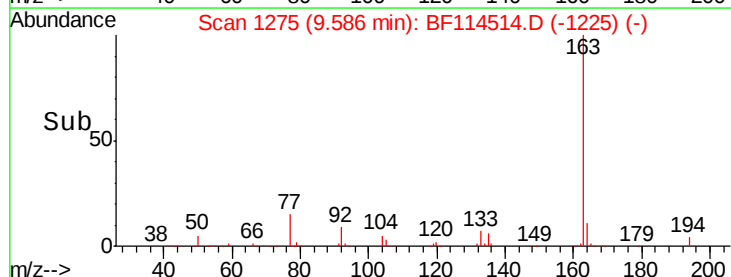
164 10.5 8.2 12.2

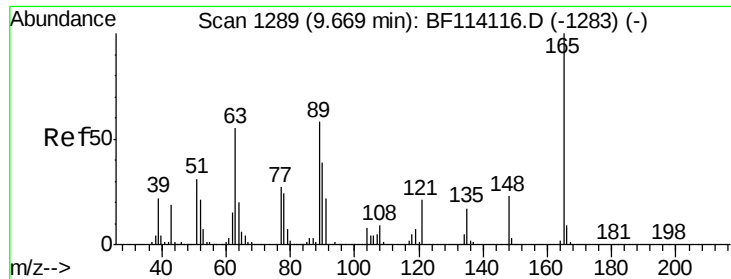


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.380 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

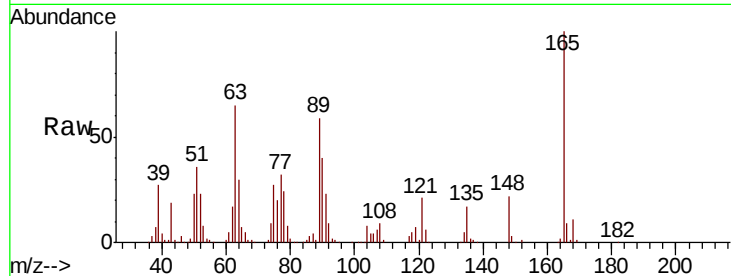
Tot Ion:165 Resp: 196527

Ion Ratio Lower Upper

165 100

63 64.6 50.2 75.4

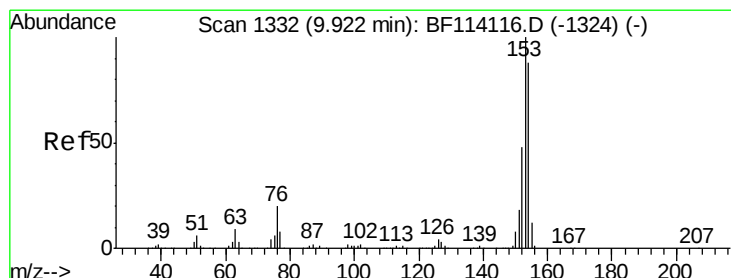
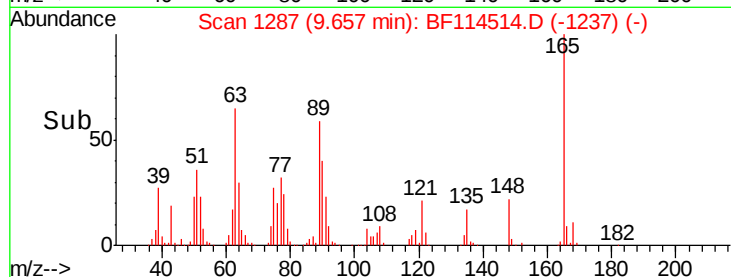
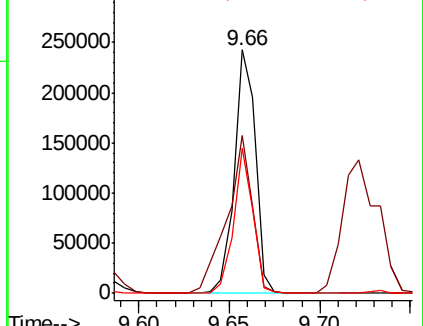
89 59.4 46.6 69.8



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



#52

Acenaphthene

Concen: 39.275 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

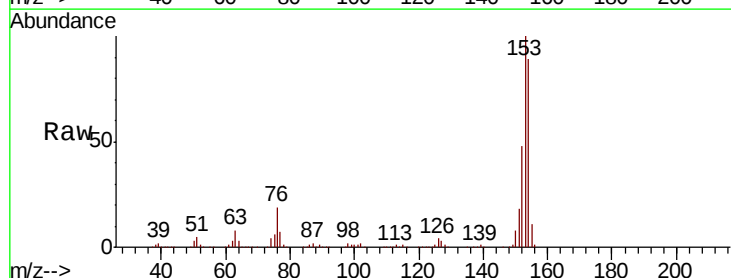
Tgt Ion:154 Resp: 730461

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

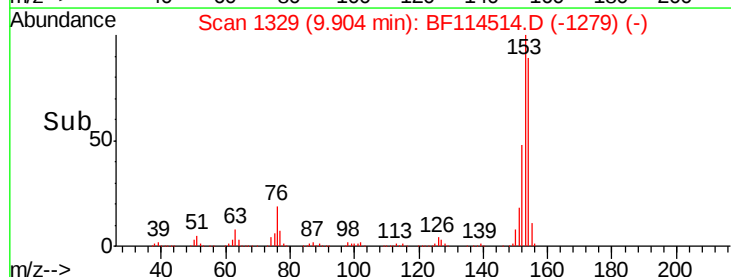
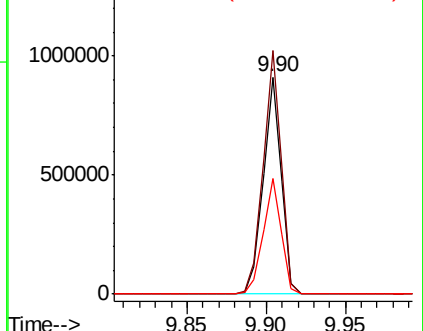
152 53.3 43.4 65.2

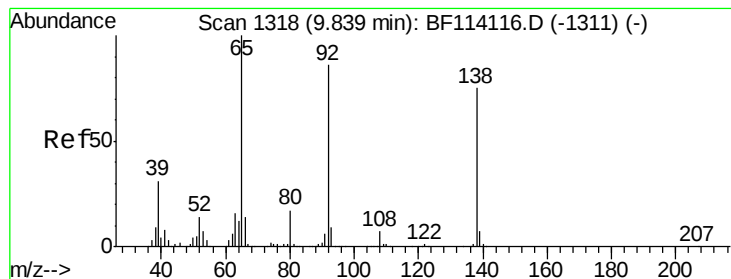


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.700 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

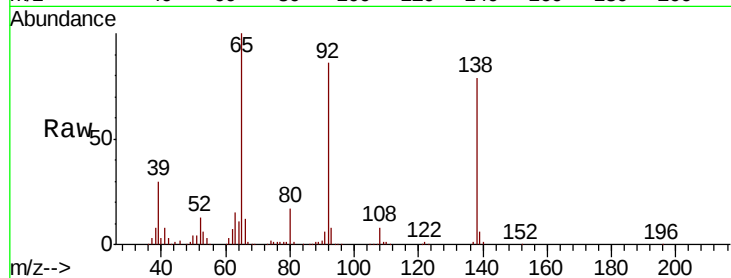
Tot Ion:138 Resp: 264525

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

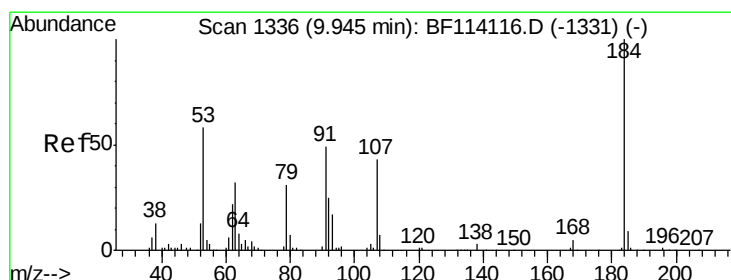
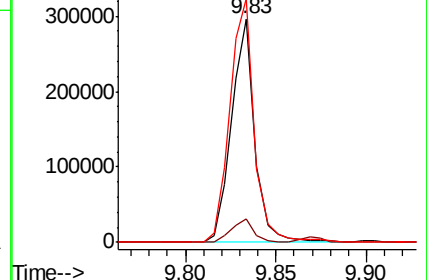
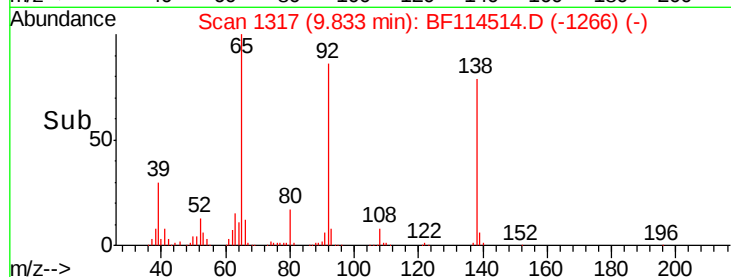
92 109.1 91.2 136.8



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: 8.126 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

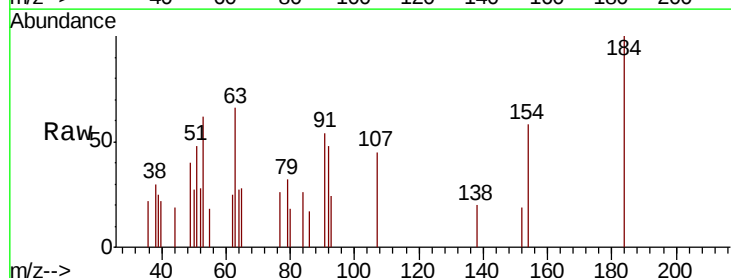
Tgt Ion:184 Resp: 3784

Ion Ratio Lower Upper

184 100

63 66.1 55.6 83.4

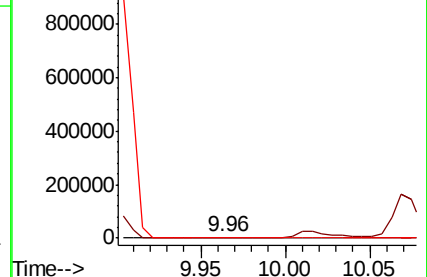
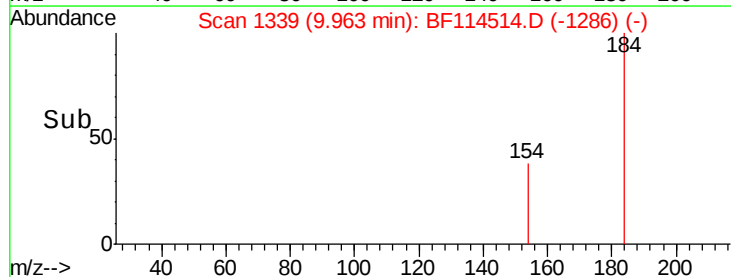
154 57.6 46.0 69.0

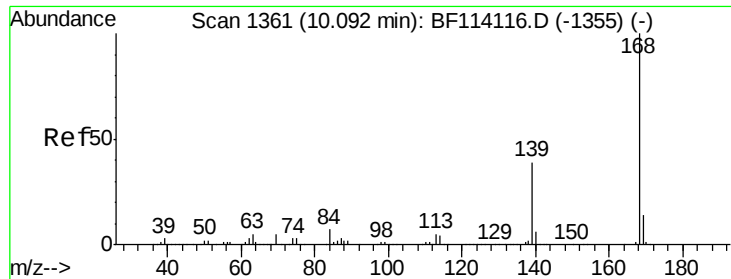


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

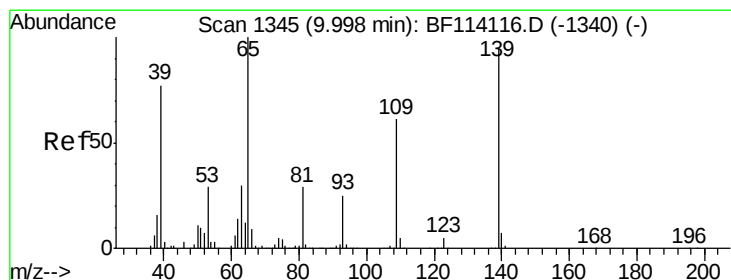
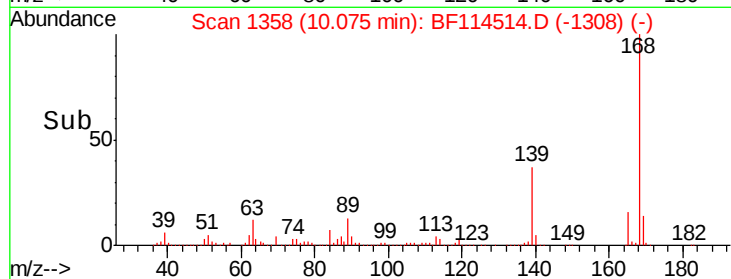
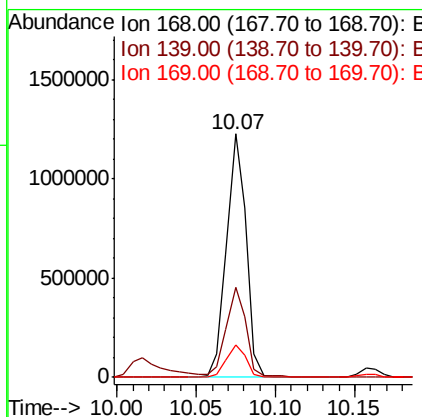
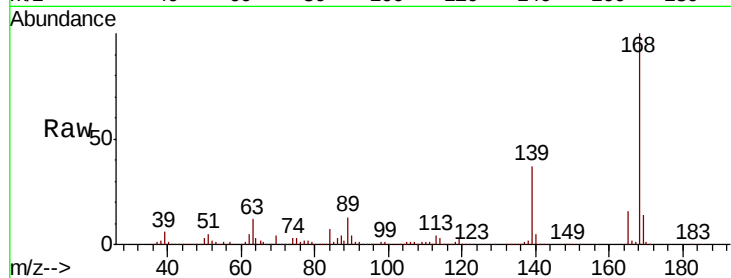




#55
Dibenzofuran
Concen: 38.367 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

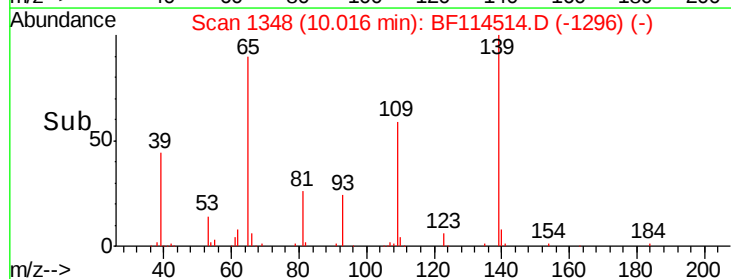
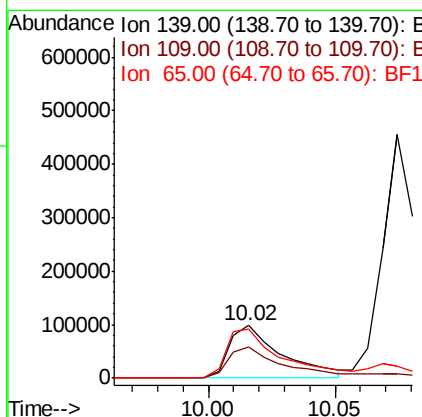
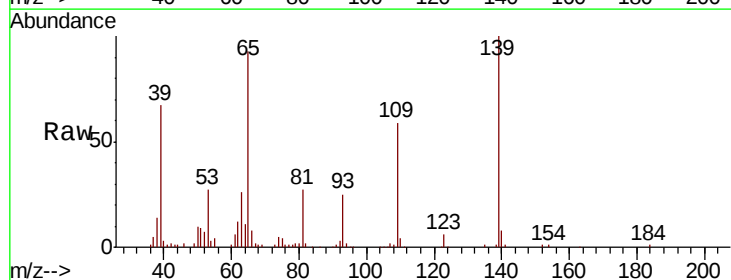
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

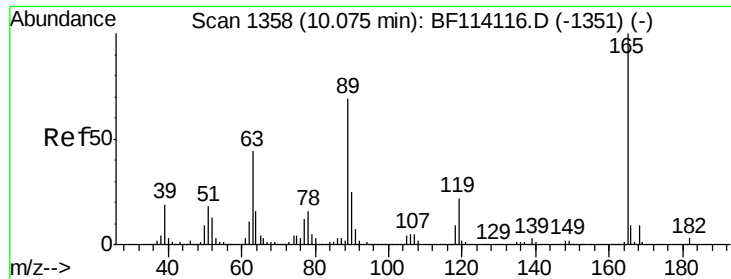
Tot Ion:168 Resp: 1046339
Ion Ratio Lower Upper
168 100
139 37.2 31.1 46.7
169 13.5 11.4 17.0



#56
4-Nitrophenol
Concen: 32.489 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:139 Resp: 142333
Ion Ratio Lower Upper
139 100
109 59.2 43.9 83.9
65 93.1 85.7 125.7

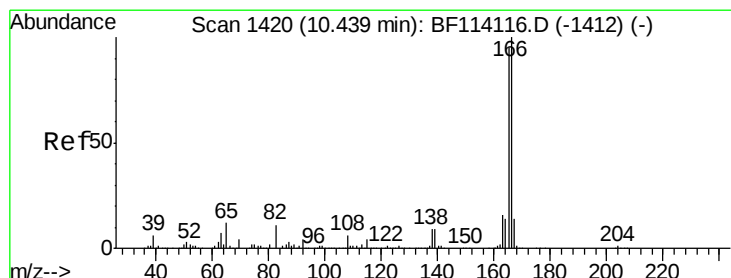
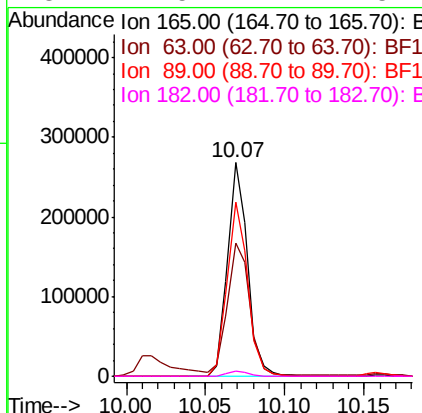
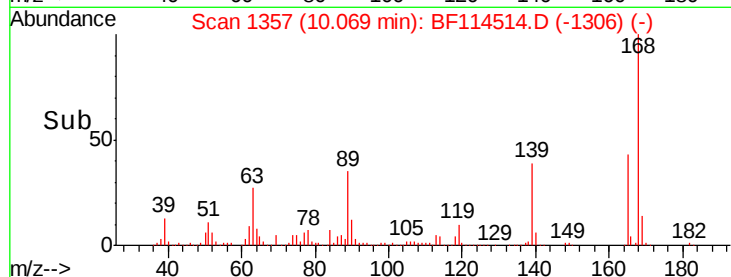
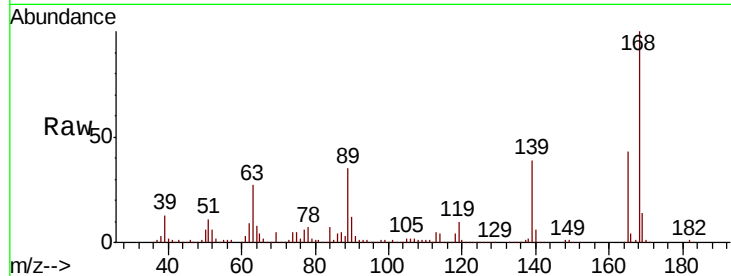




#57
2,4-Dinitrotoluene
Concen: 34.475 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

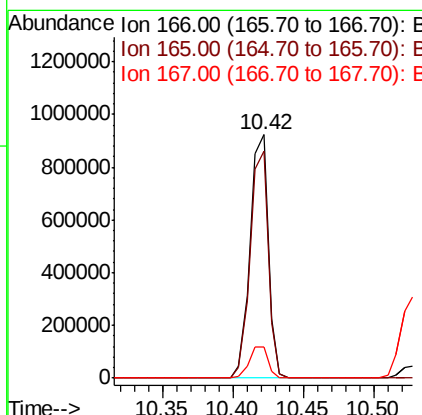
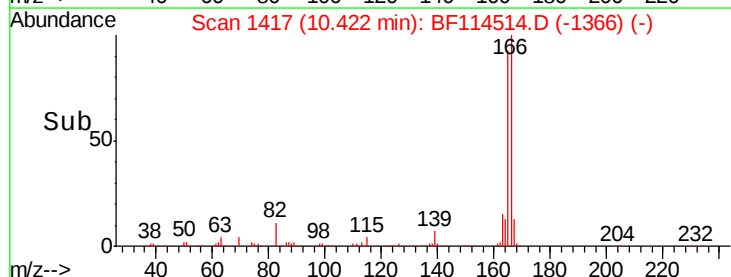
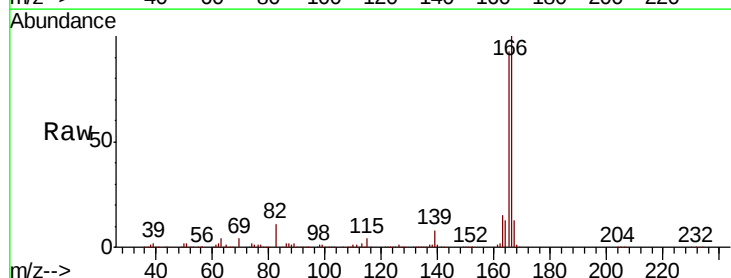
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

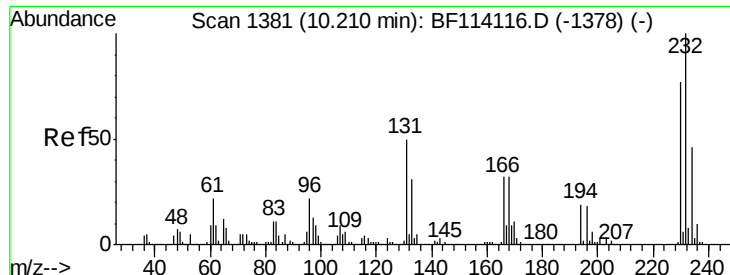
Tot Ion:165	Resp:	233515
Ion Ratio	Lower	Upper
165	100	
63	62.0	35.5 53.3#
89	81.6	55.2 82.8
182	2.5	2.2 3.2



#58
Fluorene
Concen: 40.003 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:166	Resp:	842674
Ion Ratio	Lower	Upper
166	100	
165	93.2	76.1 114.1
167	13.0	11.1 16.7

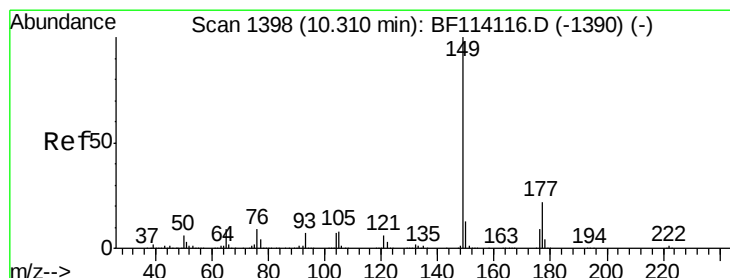
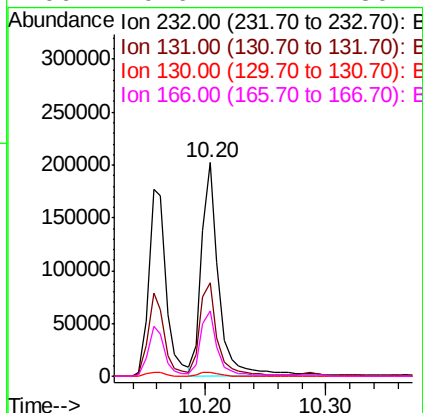
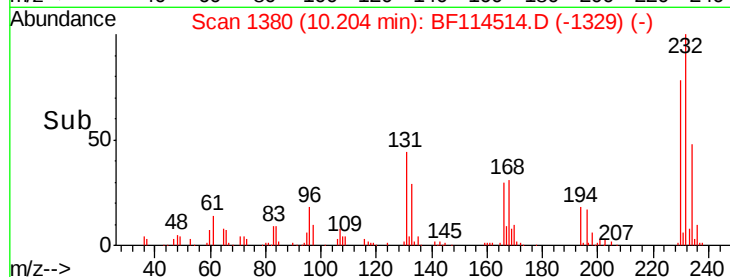
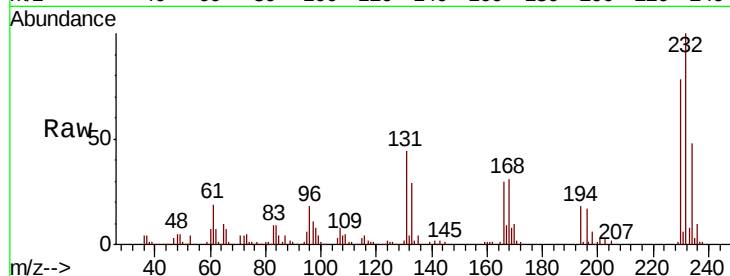




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.118 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

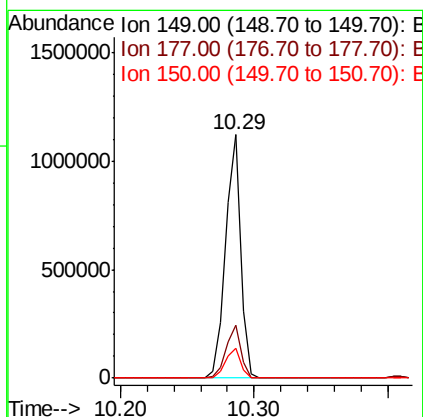
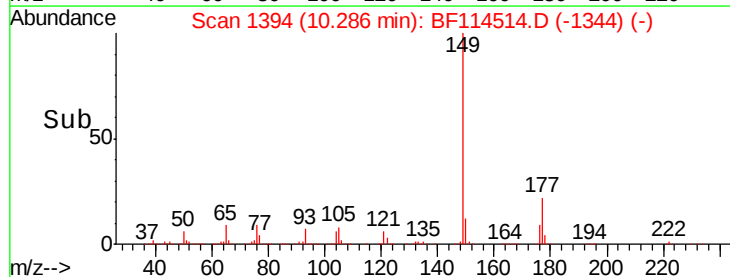
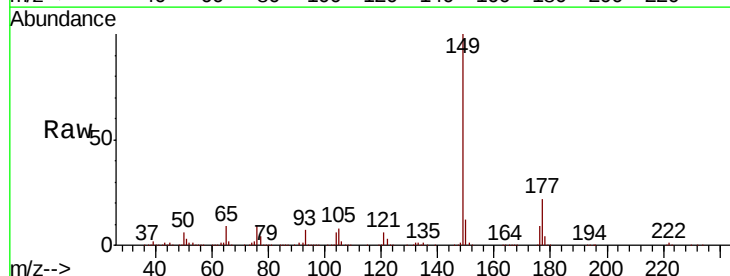
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

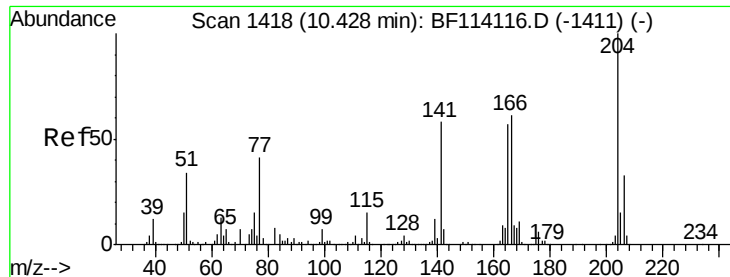
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	35.6	53.4
130	2.0	1.6	2.4
166	29.6	24.1	36.1



#60
 Diethylphthalate
 Concen: 39.453 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.3	10.2	15.2

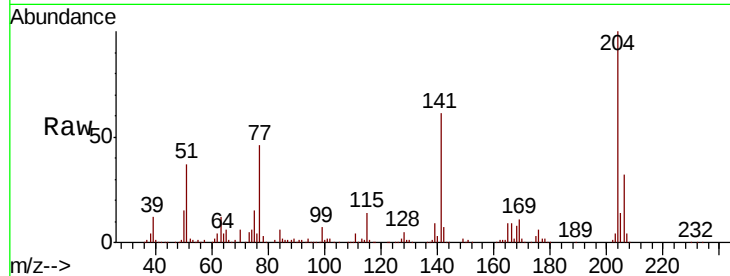




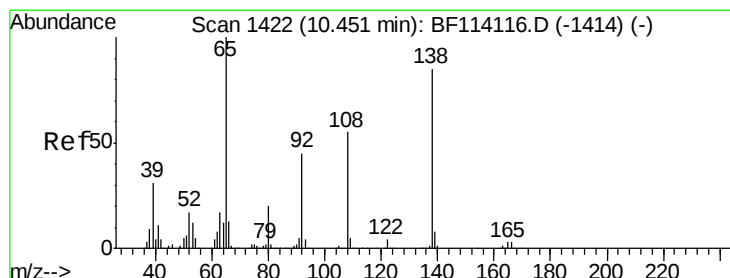
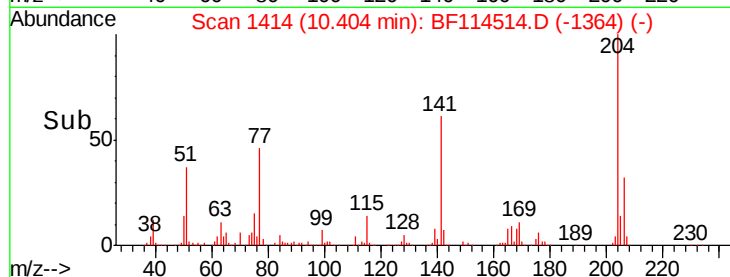
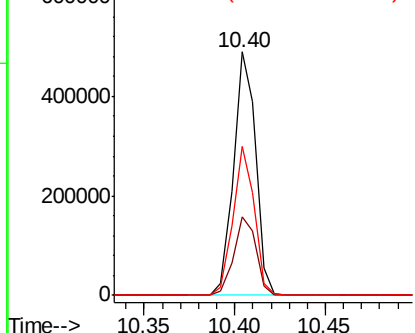
#61
4-Chlorophenyl-phenylether
Concen: 40.115 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 415041
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 61.3 46.4 69.6

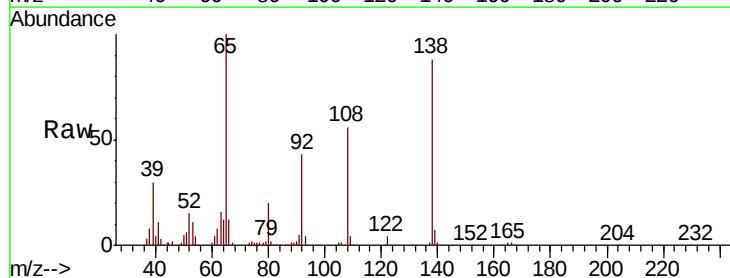


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

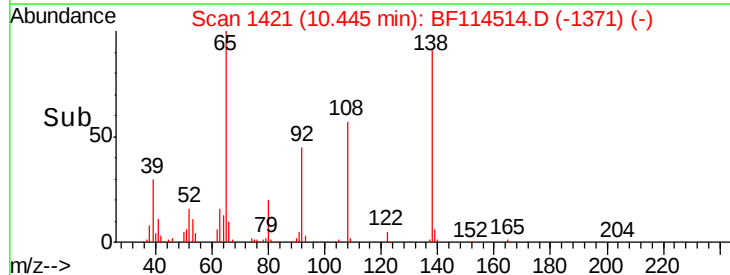
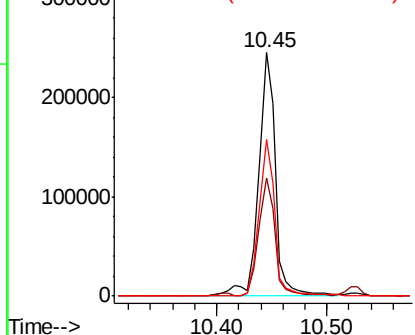


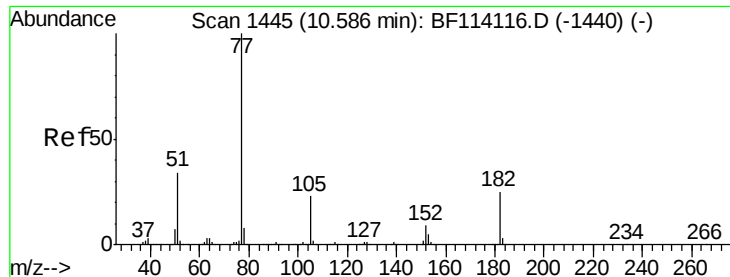
#62
4-Nitroaniline
Concen: 40.547 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:138 Resp: 263950
Ion Ratio Lower Upper
138 100
92 48.8 33.0 73.0
108 64.2 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: 37.165 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 822419

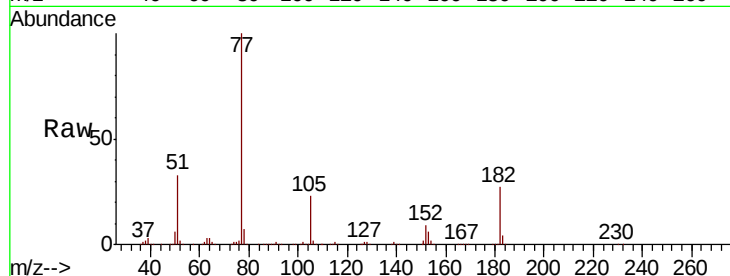
Ion Ratio Lower Upper

77 100

182 27.0 4.7 44.7

105 23.0 2.9 42.9

51 32.7 14.6 54.6

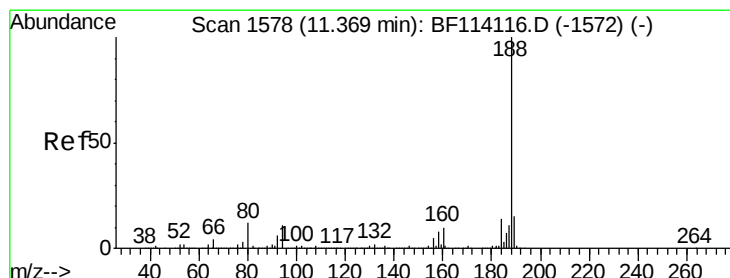
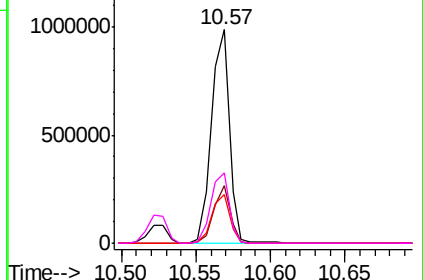
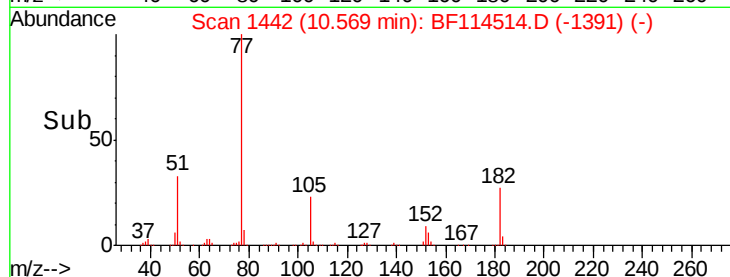


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

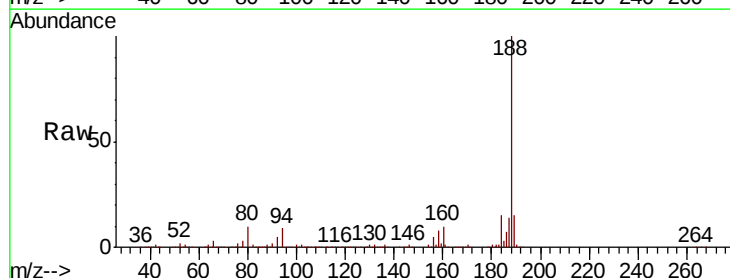
Tgt Ion: 188 Resp: 518568

Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

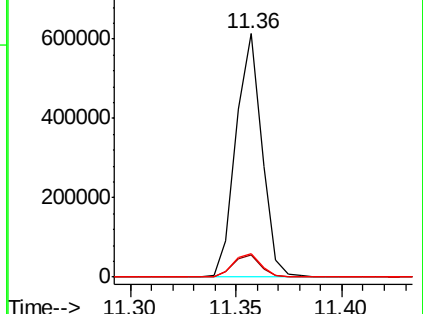
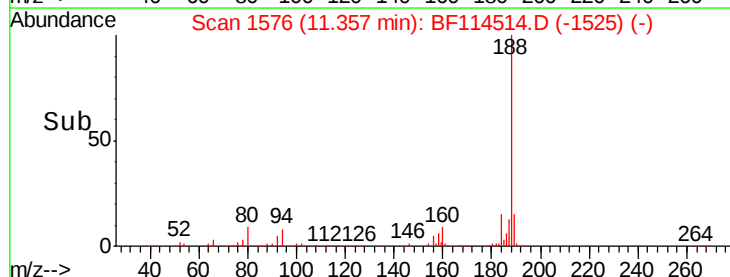
80 9.7 9.2 13.8



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: 6.799 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

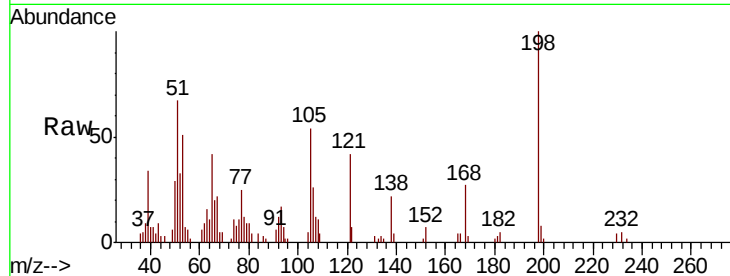
Tot Ion:198 Resp: 16942

Ion Ratio Lower Upper

198 100

51 67.5 28.0 68.0

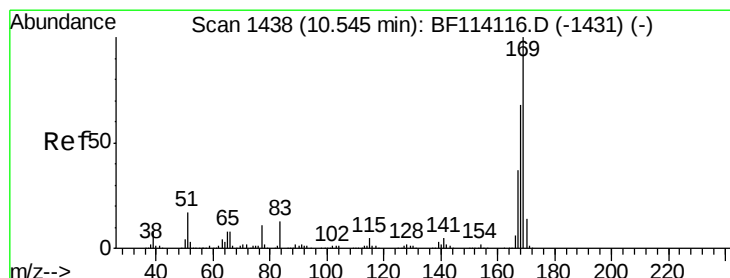
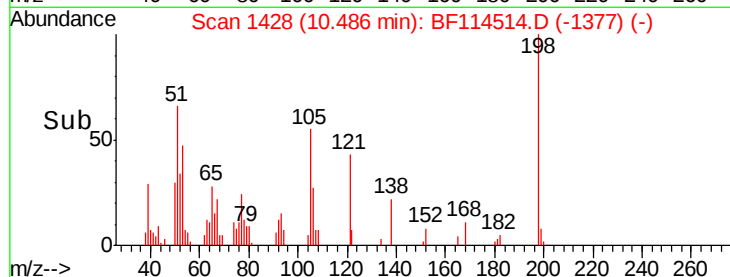
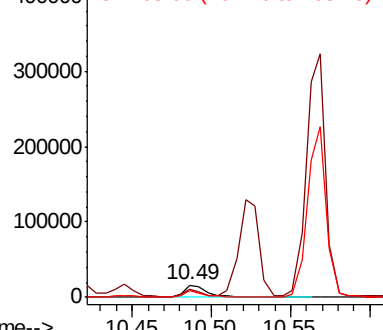
105 53.8 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.807 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

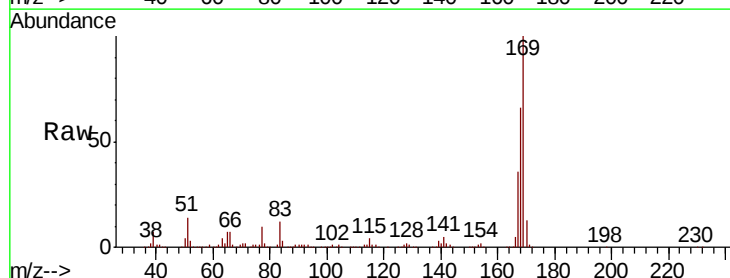
Tgt Ion:169 Resp: 736673

Ion Ratio Lower Upper

169 100

168 66.3 54.2 81.2

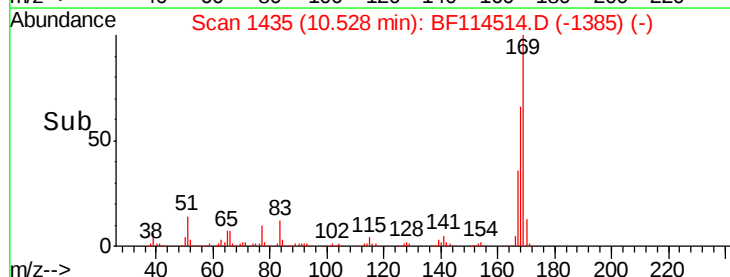
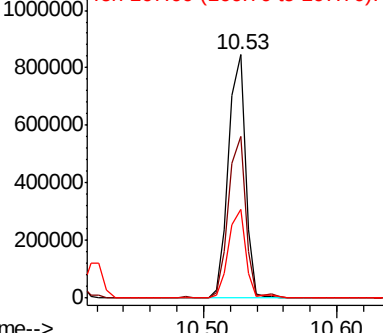
167 36.4 29.8 44.8

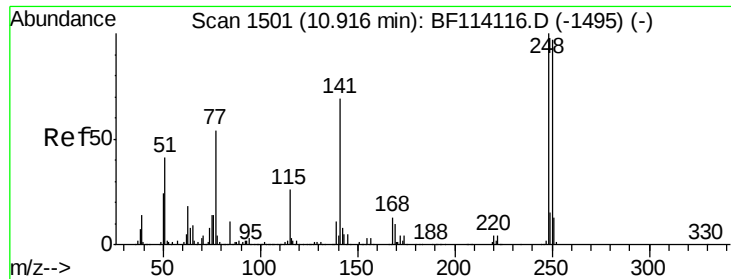


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

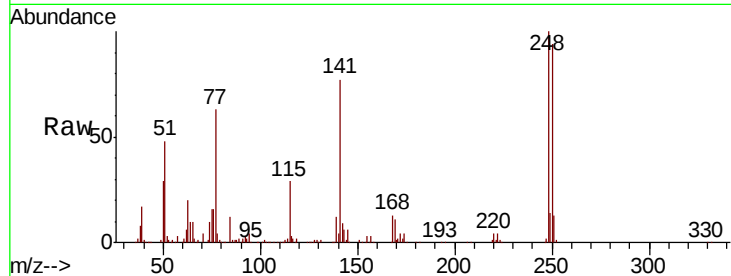




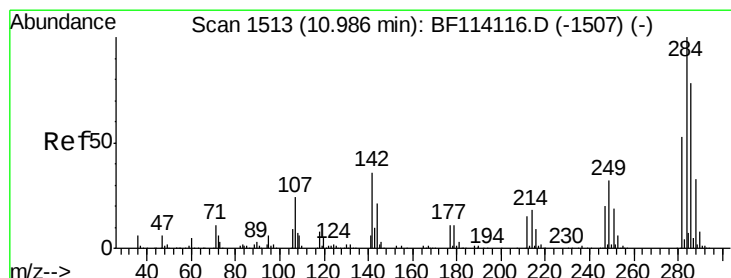
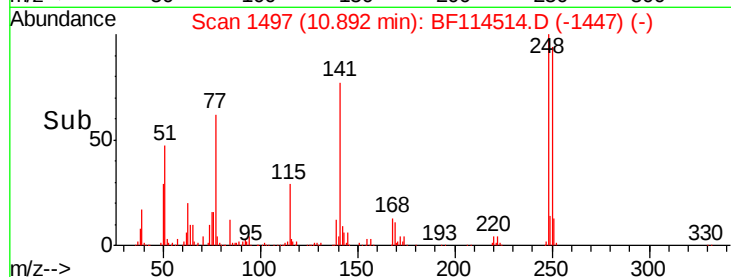
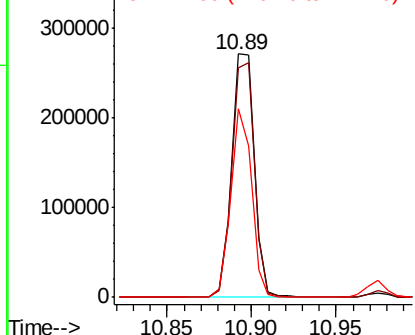
#67
4-Bromophenyl-phenylether
Concen: 43.889 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 250592
Ion Ratio Lower Upper
248 100
250 94.3 77.4 116.2
141 77.3 55.6 83.4

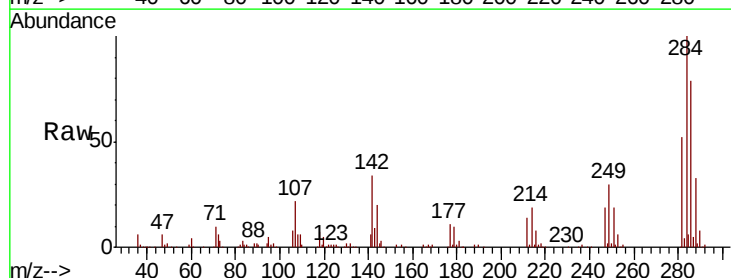


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

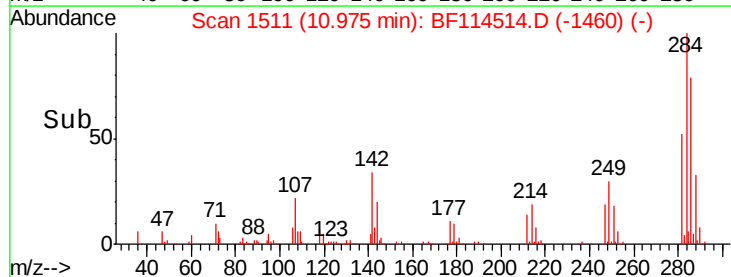
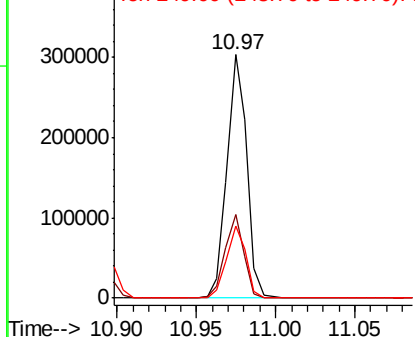


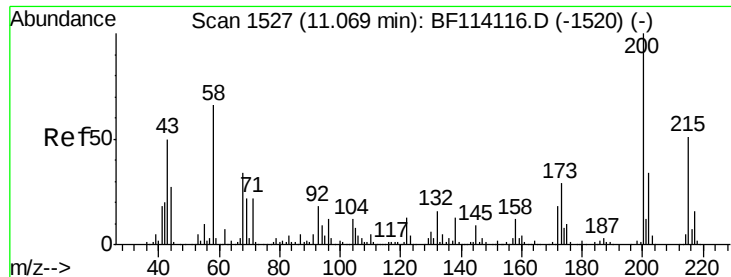
#68
Hexachlorobenzene
Concen: 41.413 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:284 Resp: 261584
Ion Ratio Lower Upper
284 100
142 34.2 28.4 42.6
249 29.8 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

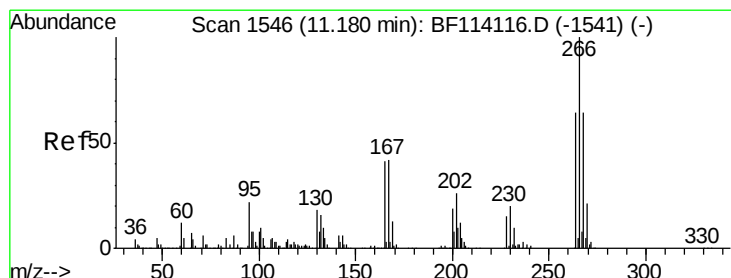
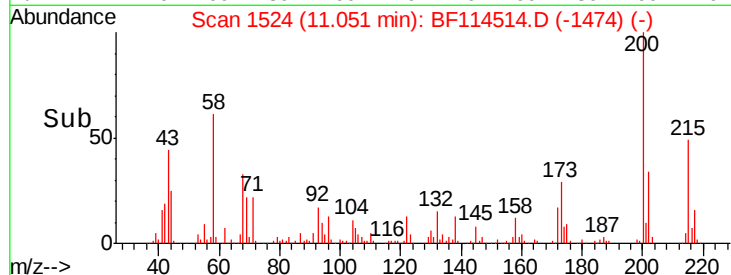
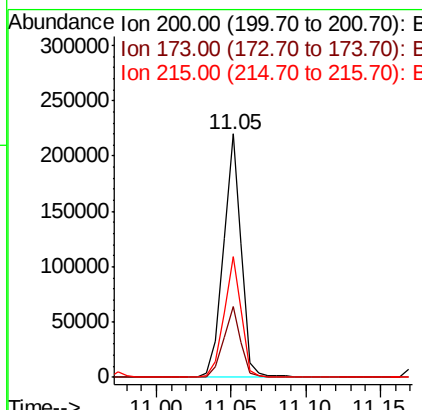
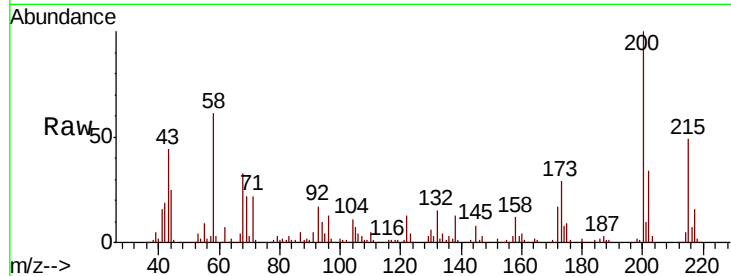




#69
 Atrazine
 Concen: 37.837 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

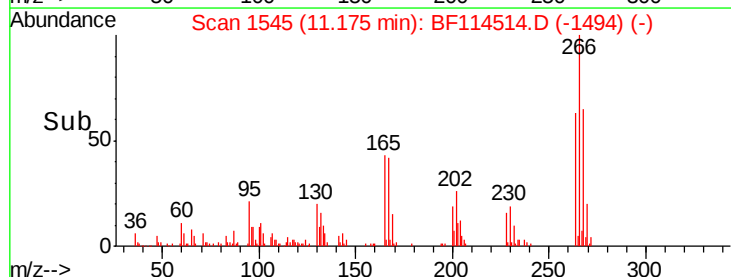
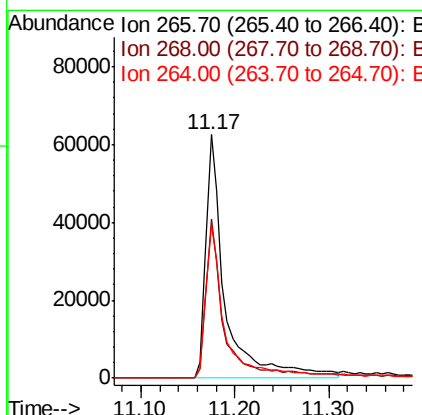
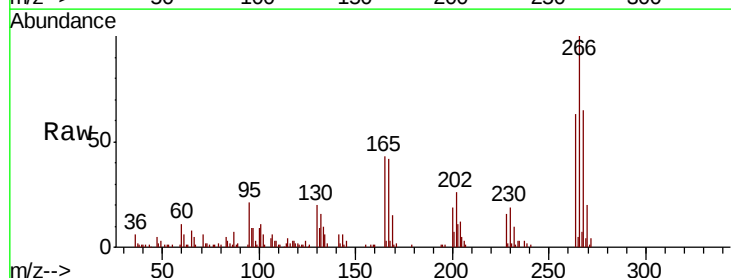
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

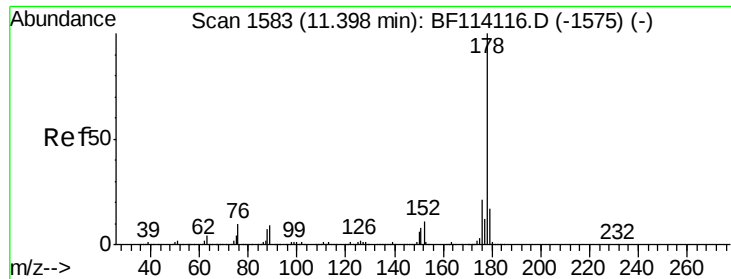
Tot Ion:200 Resp: 185319
 Ion Ratio Lower Upper
 200 100
 173 29.3 8.9 48.9
 215 49.4 30.7 70.7



#70
 Pentachlorophenol
 Concen: 30.316 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion:266 Resp: 90774
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.1 76.7
 264 63.0 51.1 76.7

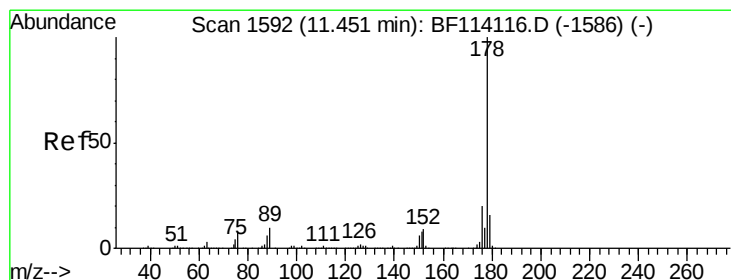
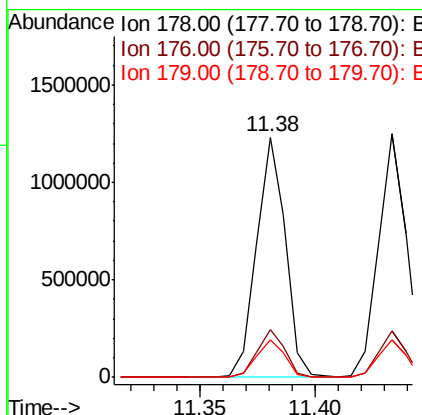
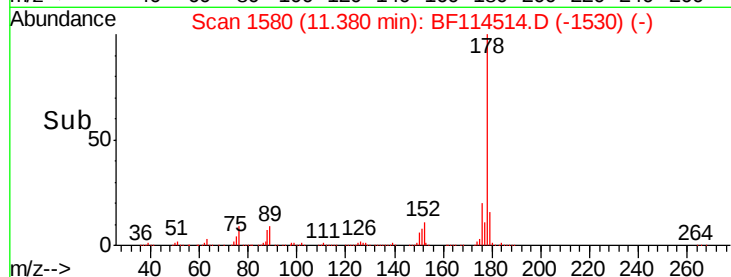
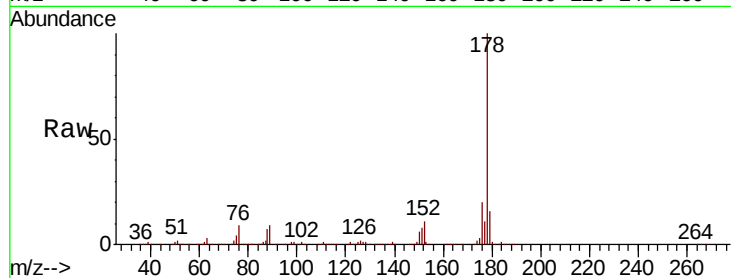




#71
Phenanthrene
Concen: 42.599 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

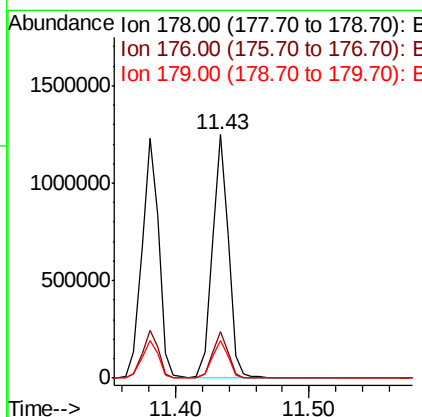
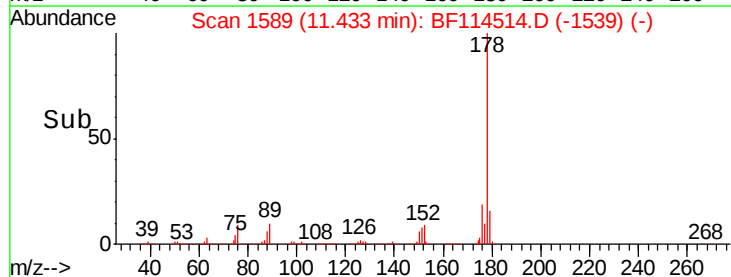
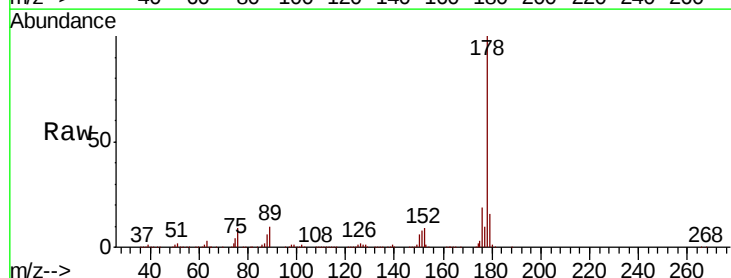
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

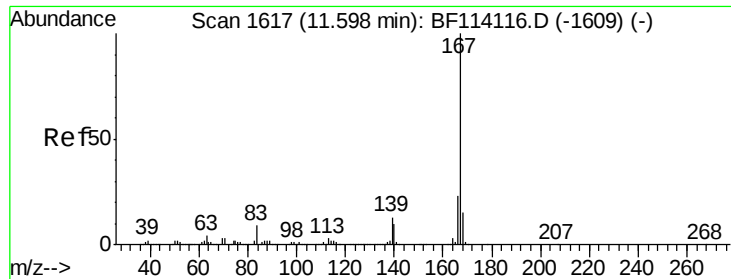
Tot Ion:178 Resp: 1074741
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.8 13.2 19.8



#72
Anthracene
Concen: 41.830 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:178 Resp: 1059994
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.7 13.0 19.4

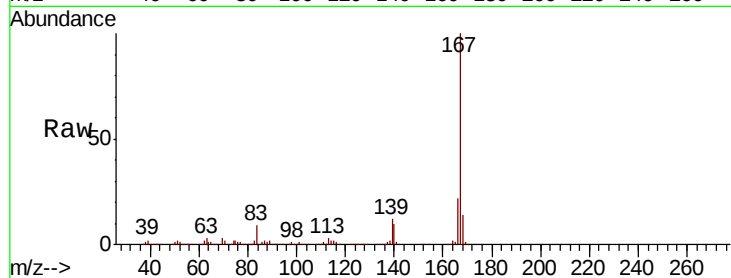




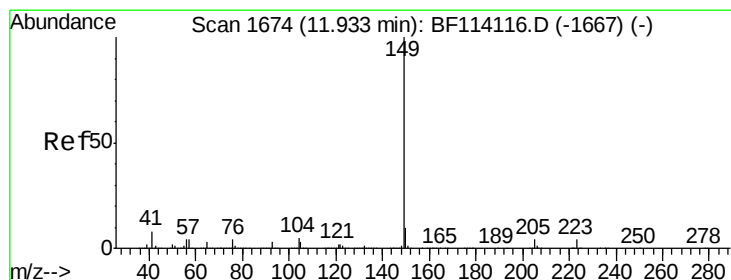
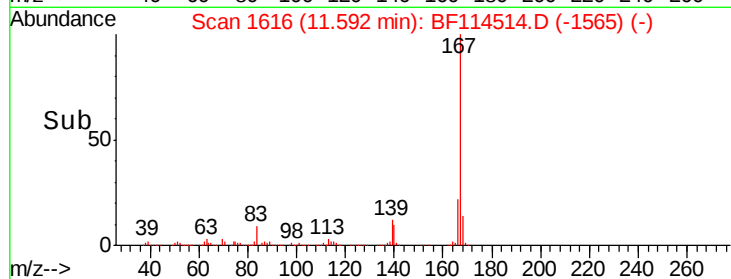
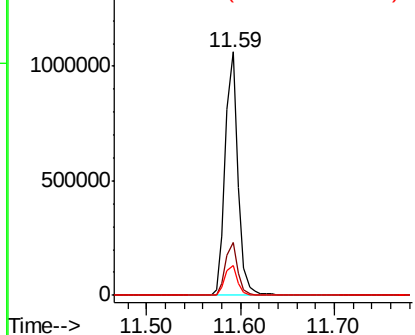
#73
 Carbazole
 Concen: 41.557 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1004203
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 12.2 10.6 16.0

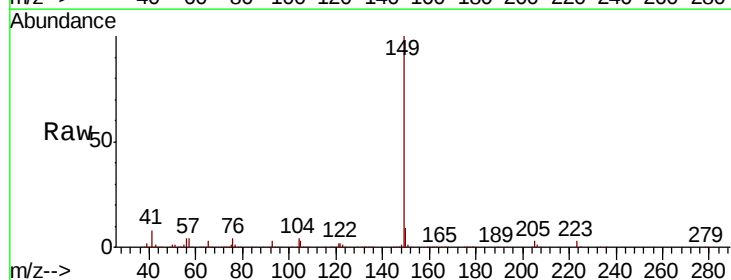


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

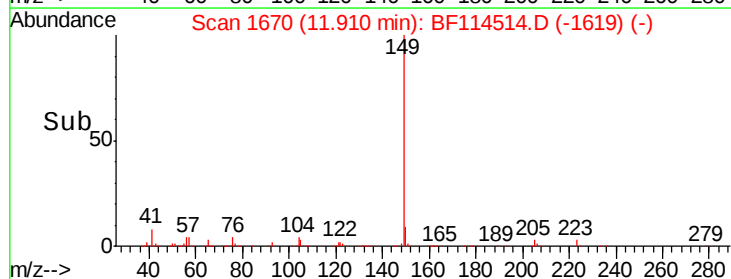
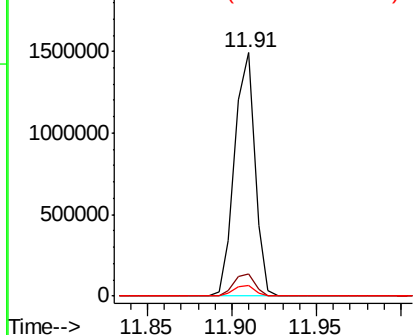


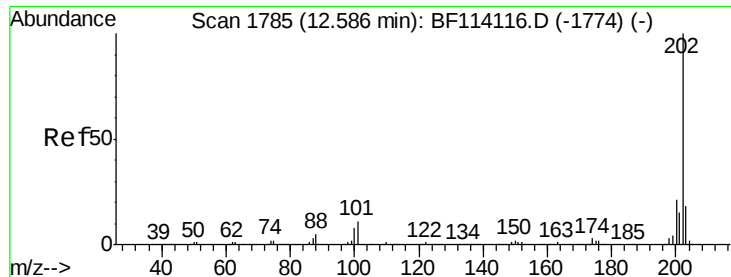
#74
 Di-n-butylphthalate
 Concen: 45.030 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion:149 Resp: 1253616
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.3 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



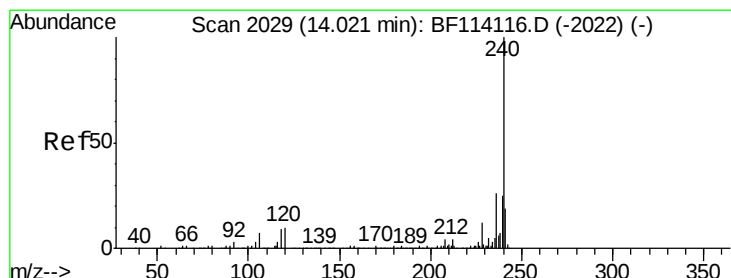
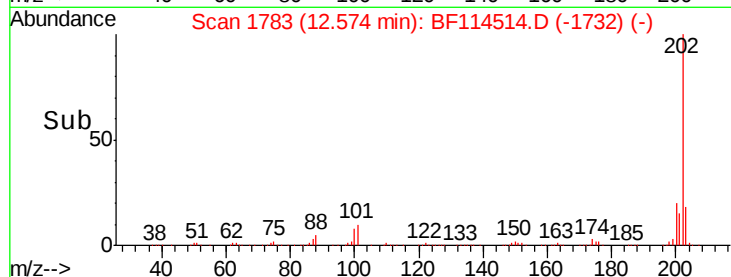
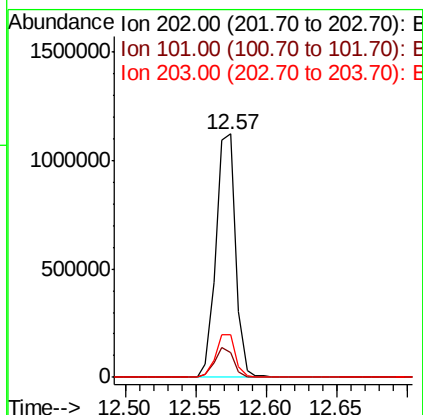
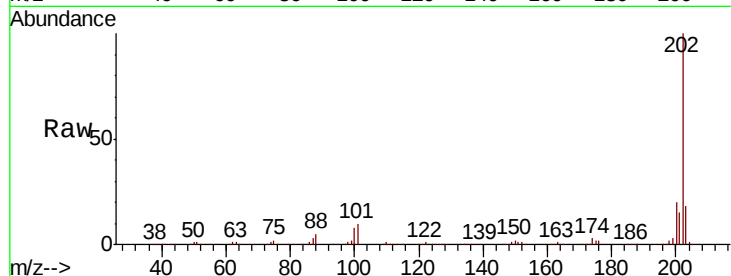


#75
 Fluoranthene
 Concen: 40.071 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 1088677

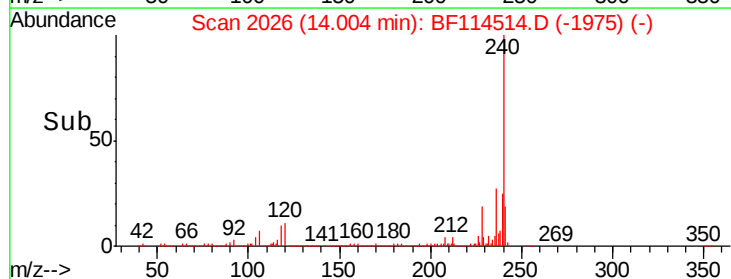
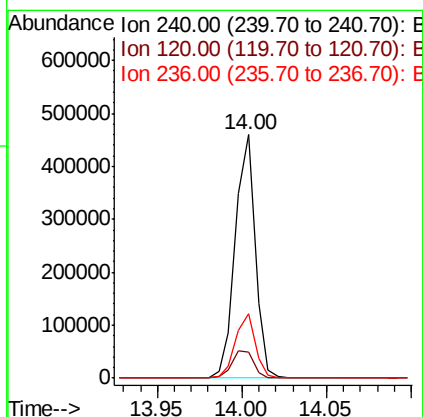
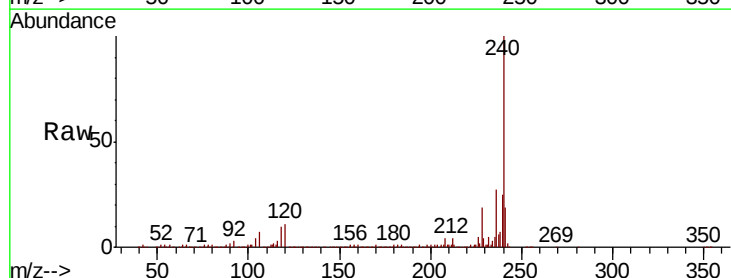
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.0
203	17.6	0.0	38.4

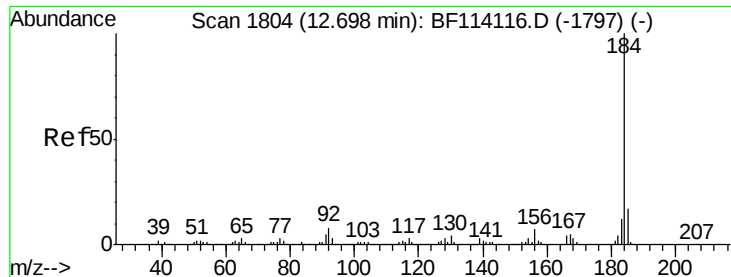


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion:240 Resp: 379498

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	26.7	20.8	31.2





#77

Benzidine

Concen: 40.199 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

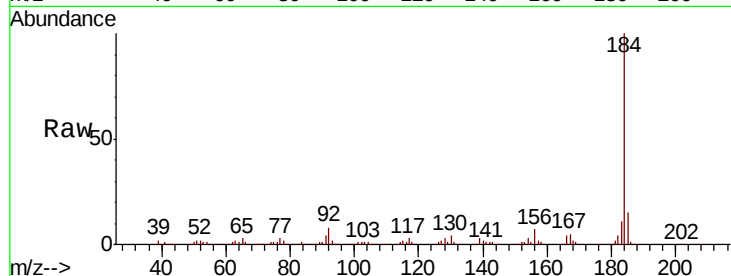
Tot Ion:184 Resp: 684798

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

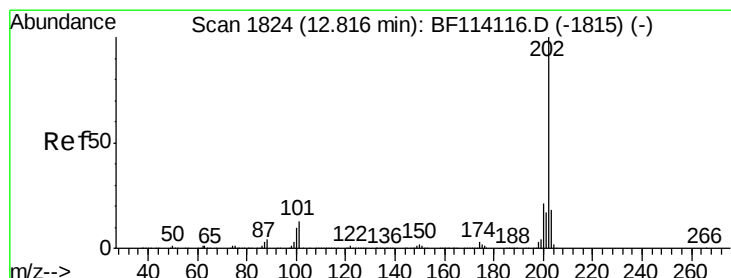
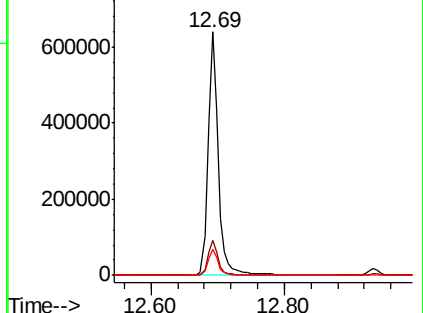
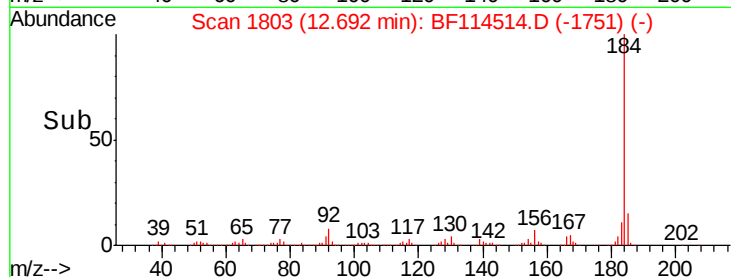
183 10.9 9.2 13.8



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: 37.077 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

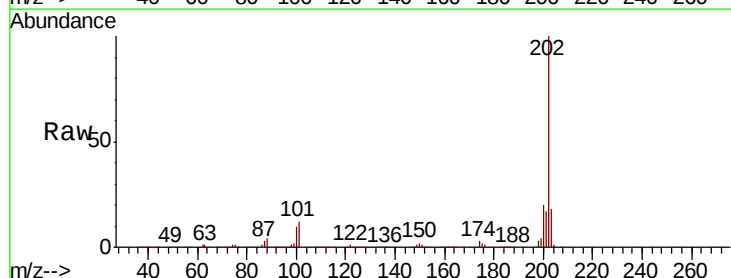
Tgt Ion:202 Resp: 1131900

Ion Ratio Lower Upper

202 100

200 20.3 16.9 25.3

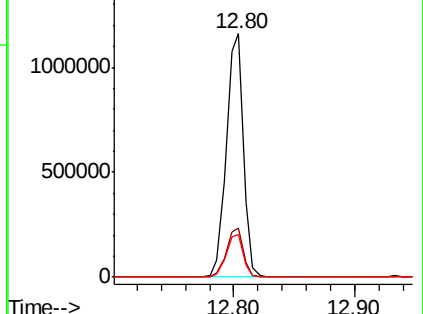
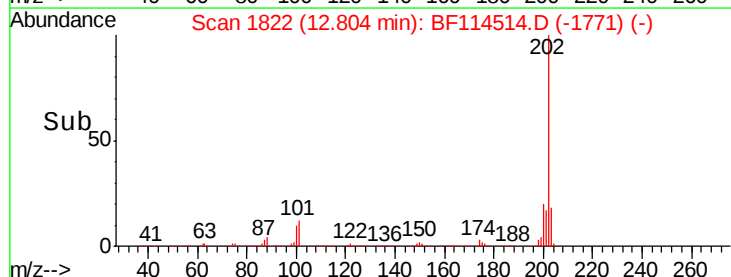
203 17.6 14.5 21.7



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



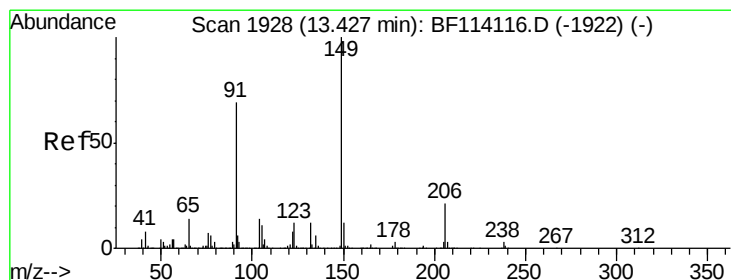
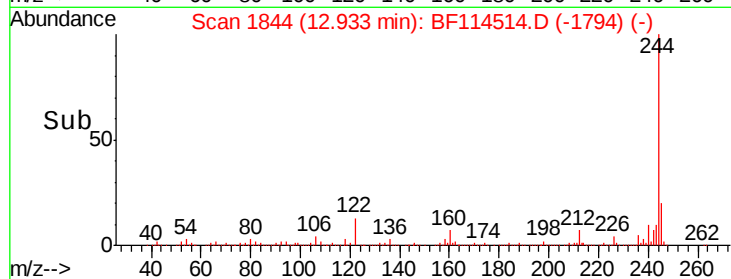
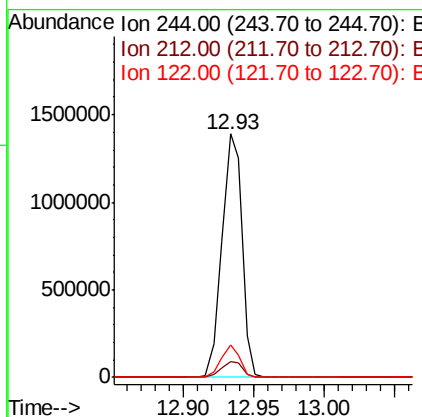
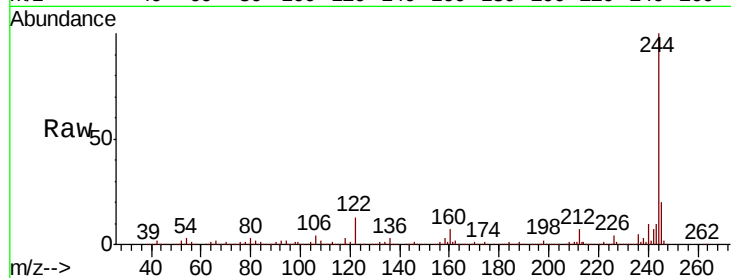


#79
 Terphenyl-d14
 Concen: 74.731 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1375764

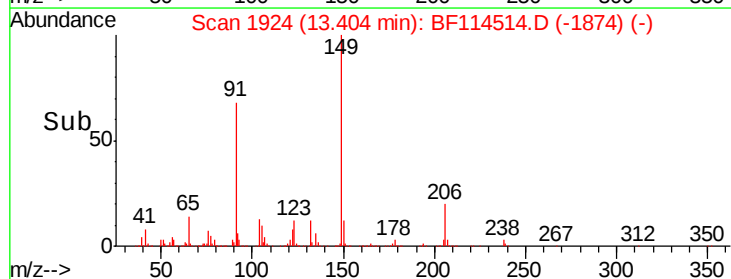
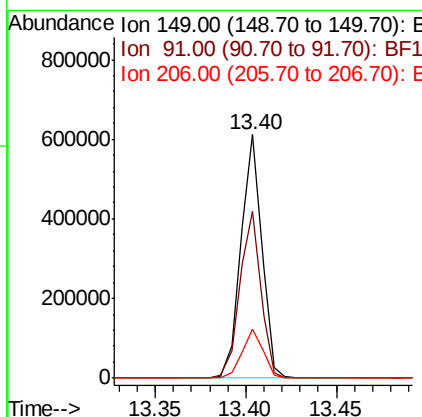
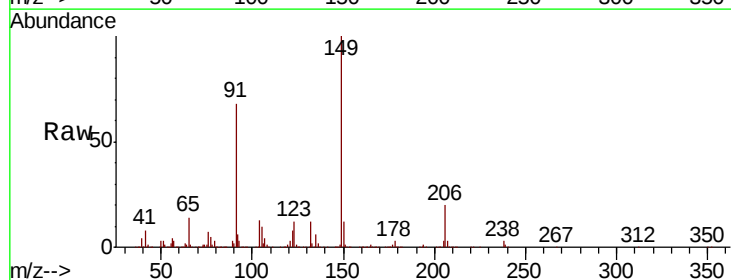
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	13.1	9.4	14.2

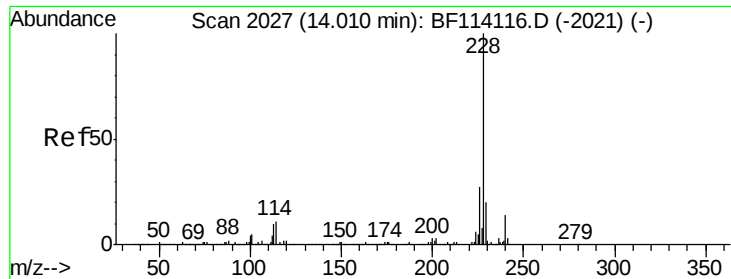


#80
 Butylbenzylphthalate
 Concen: 38.039 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114514.D
 Acq: 23 May 2019 5:37

Tgt Ion:149 Resp: 488794

Ion	Ratio	Lower	Upper
149	100		
91	68.5	55.0	82.4
206	20.1	16.9	25.3

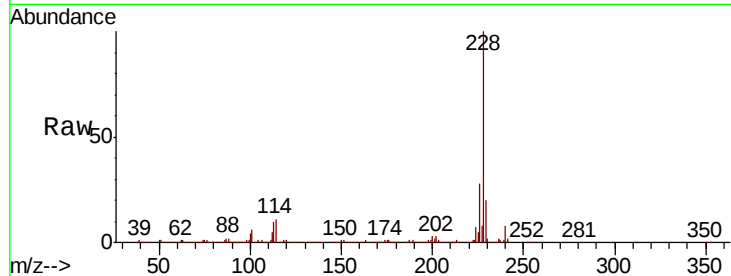




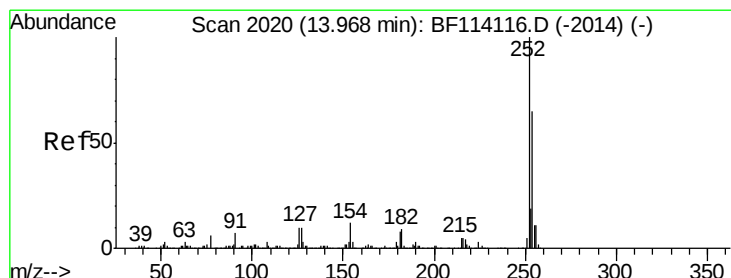
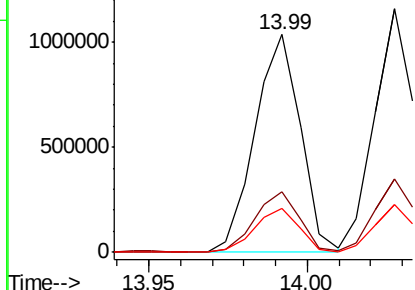
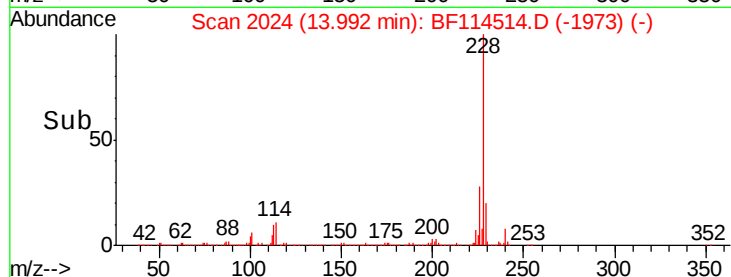
#81
Benzo(a)anthracene
Concen: 42.049 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1032120
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.1 16.4 24.6

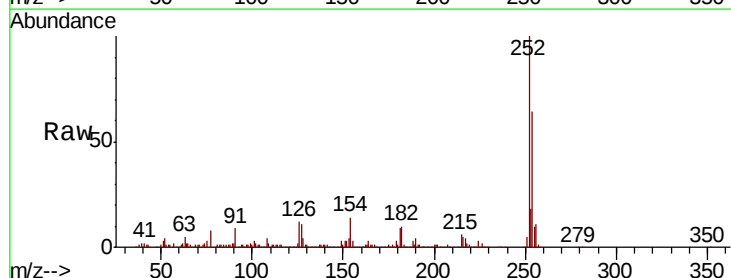


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

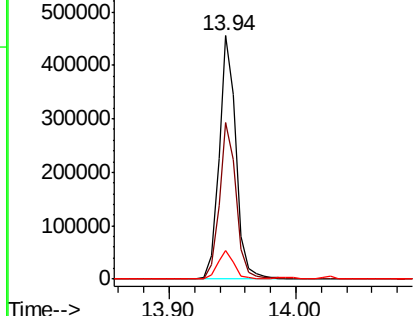
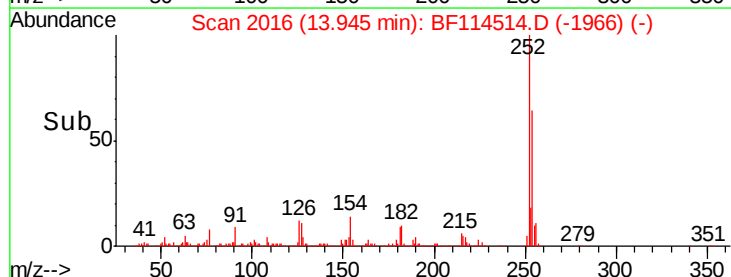


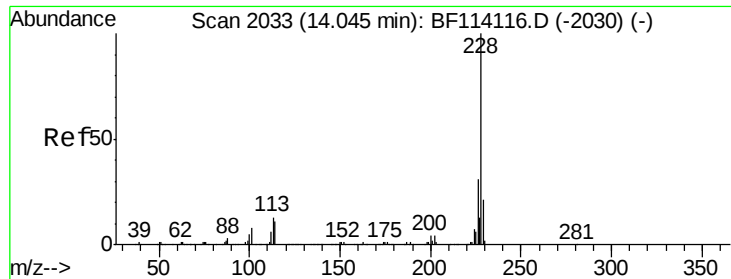
#82
3,3'-Dichlorobenzidine
Concen: 44.743 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:252 Resp: 426046
Ion Ratio Lower Upper
252 100
254 64.4 51.9 77.9
126 11.5 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: 41.466 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

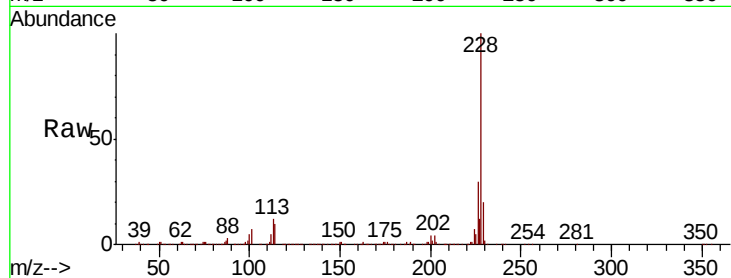
Tot Ion:228 Resp: 997741

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

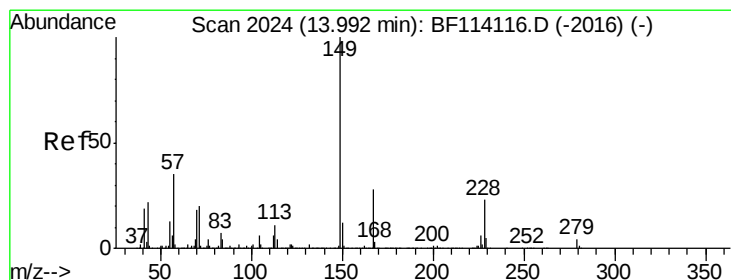
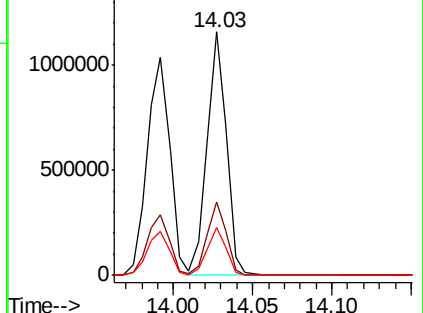
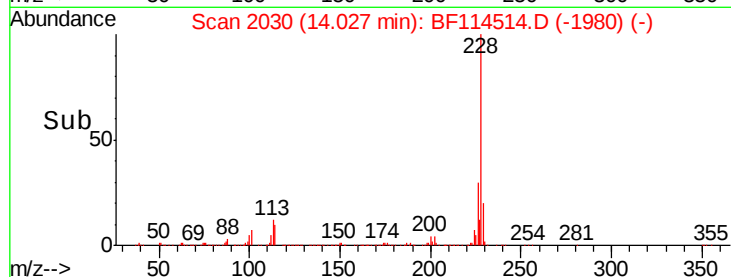
229 19.8 17.0 25.6



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: 37.924 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

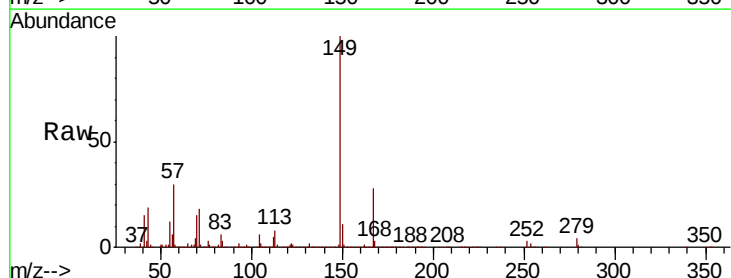
Tgt Ion:149 Resp: 637353

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

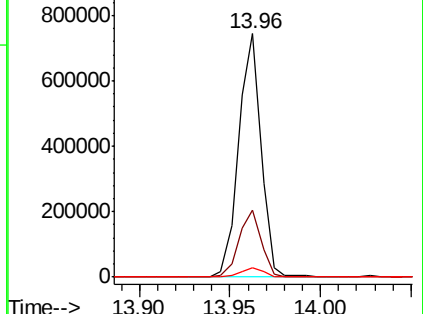
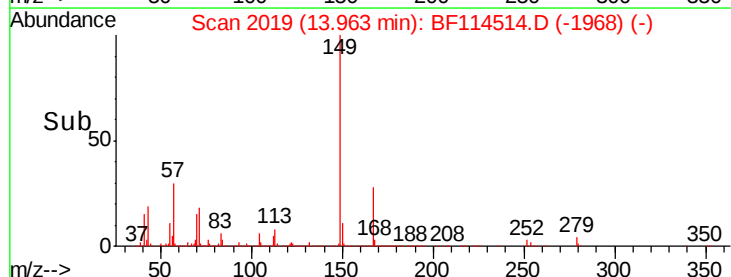
279 4.0 3.0 4.6

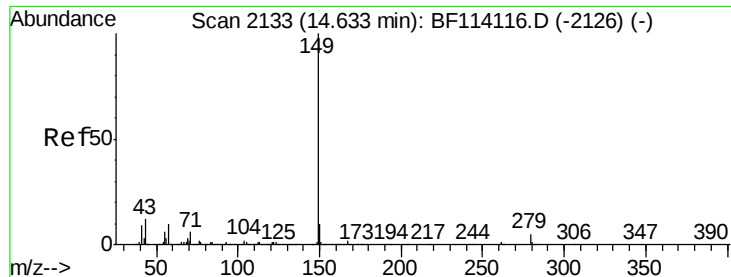


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

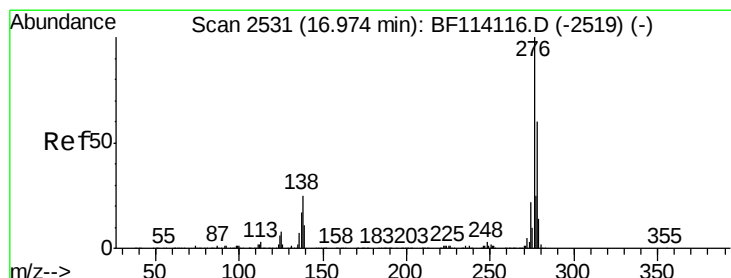
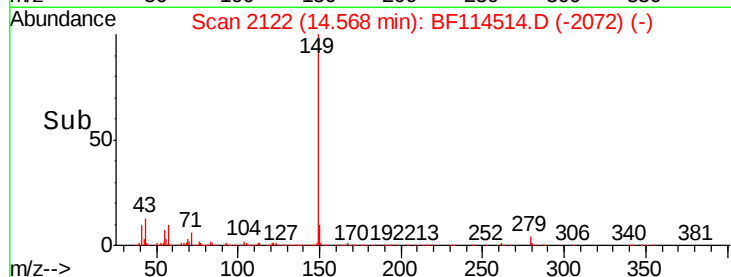
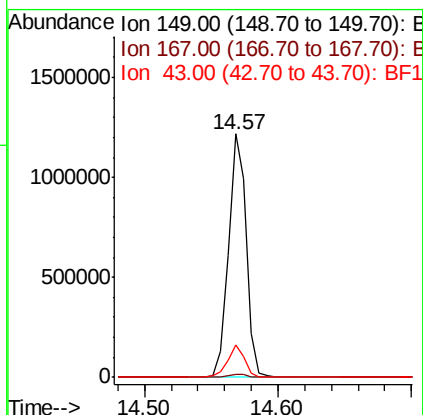
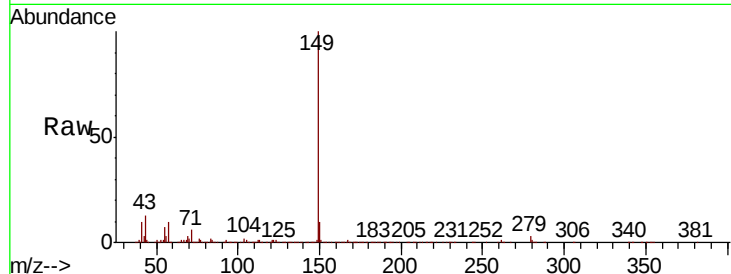




#85
Di-n-octyl phthalate
Concen: 41.585 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

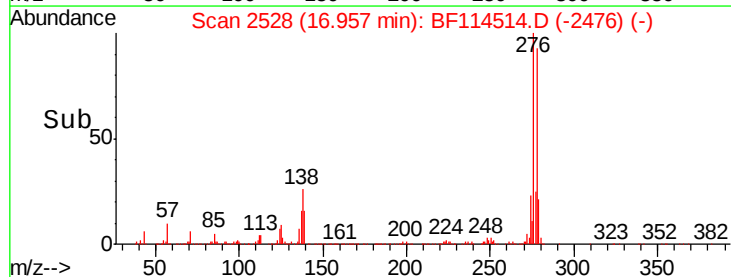
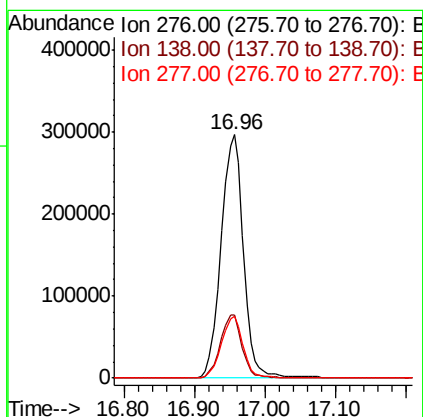
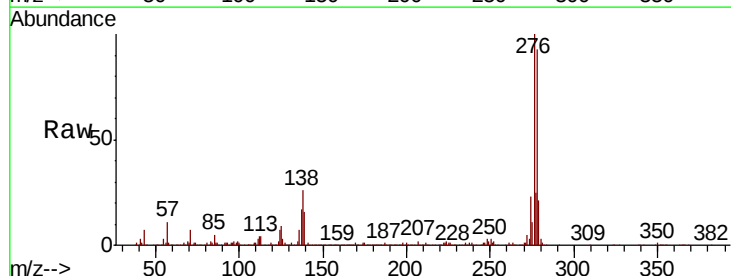
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

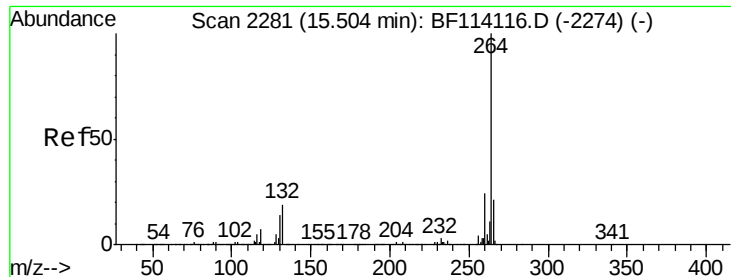
Tot Ion:149 Resp: 1132923
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.0 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.765 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion:276 Resp: 654219
Ion Ratio Lower Upper
276 100
138 25.4 20.2 30.2
277 24.8 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

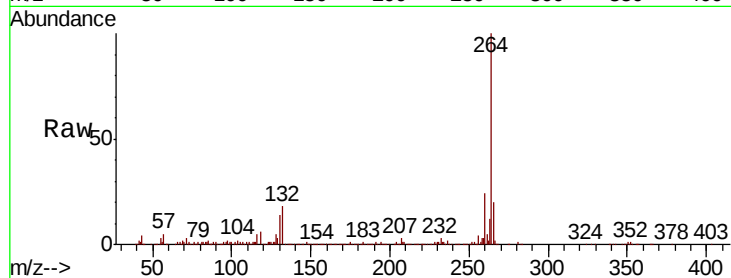
Tot Ion:264 Resp: 283788

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

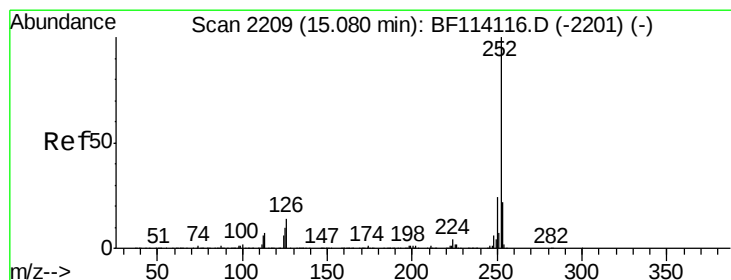
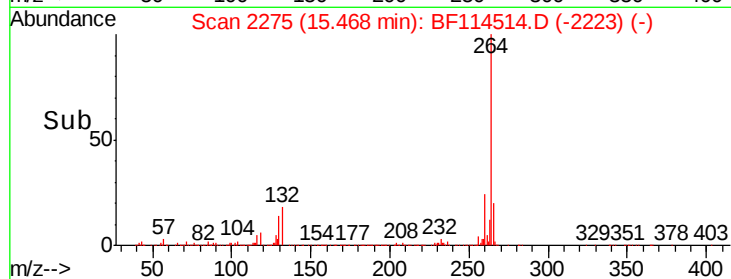
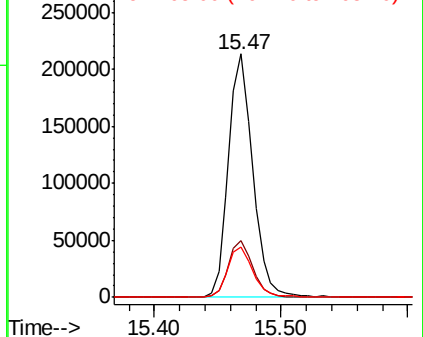
265 20.5 16.9 25.3



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: 47.299 ng

RT: 15.04 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BF114514.D

Acq: 23 May 2019 5:37

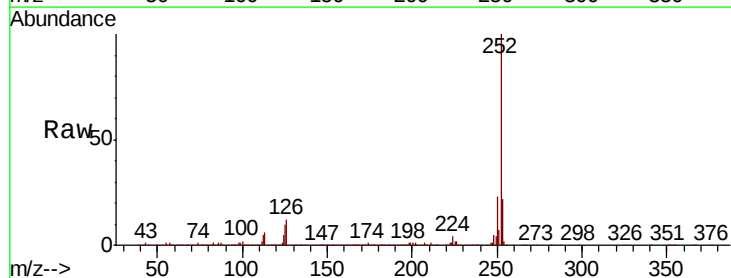
Tgt Ion:252 Resp: 859944

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

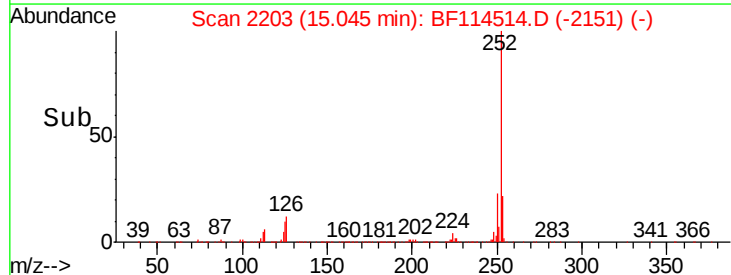
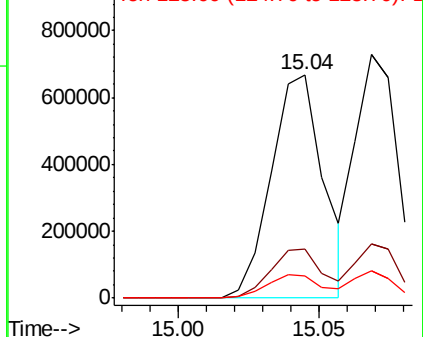
125 9.9 8.3 12.5

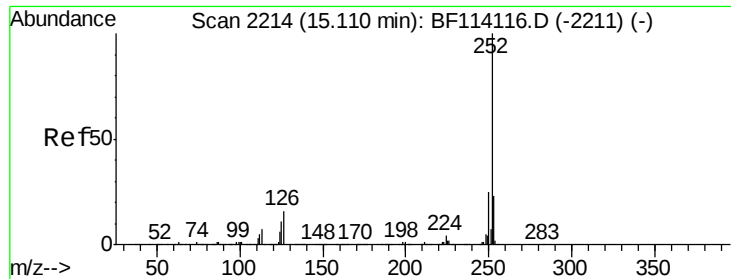


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

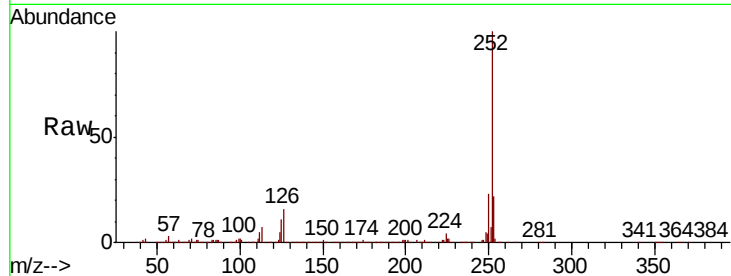




#89
Benzo(k)fluoranthene
Concen: 45.475 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.1	8.6	13.0

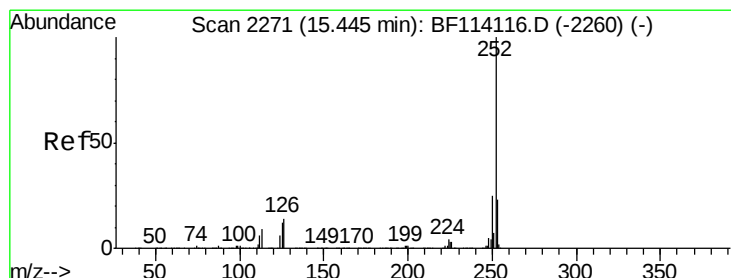
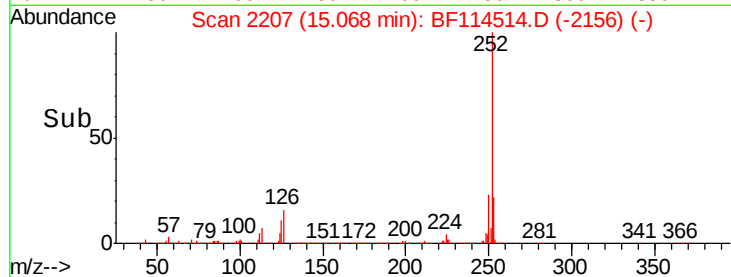
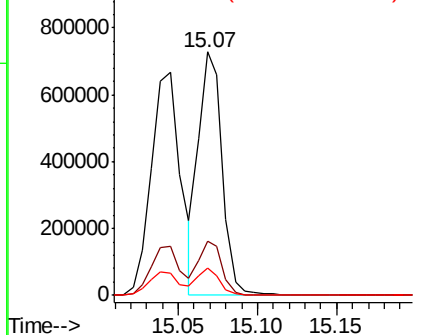


Abundance

Ion 252.00 (251.70 to 252.70): E

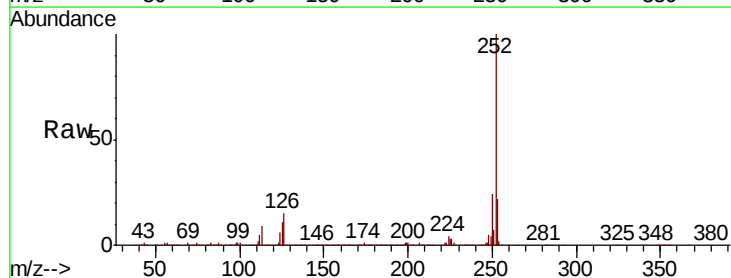
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 43.193 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.4	9.5	14.3

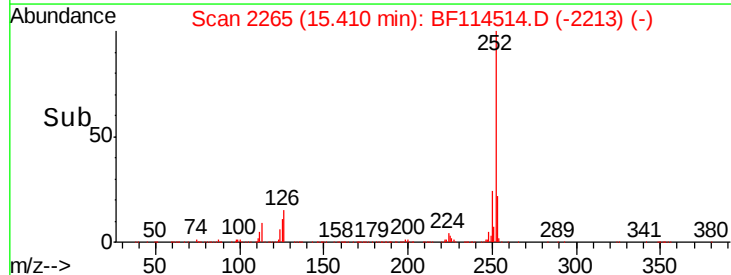
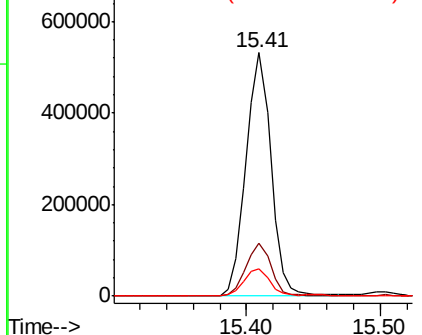


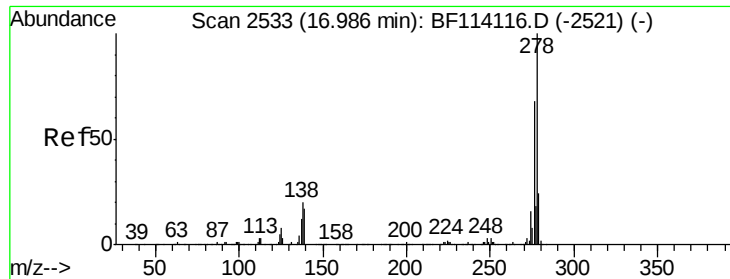
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

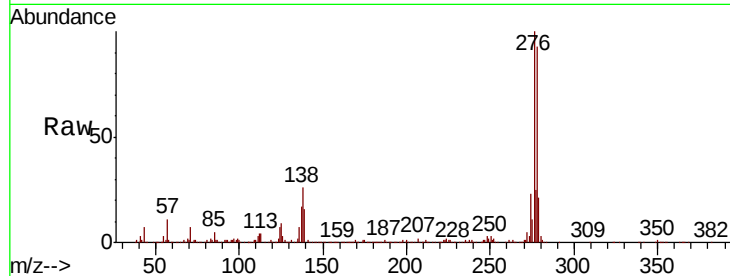




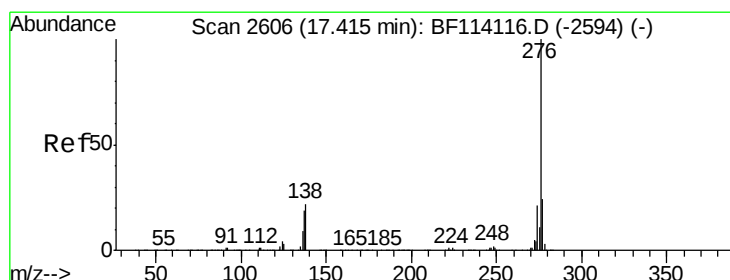
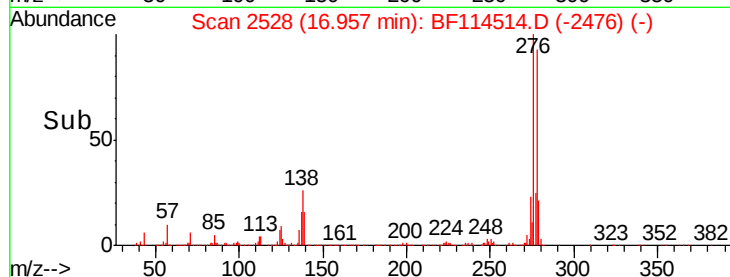
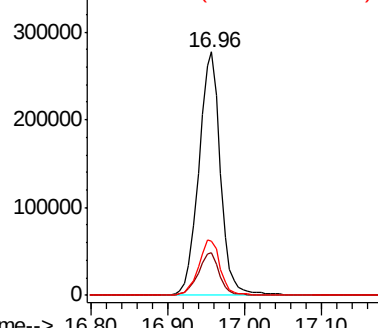
#91
Dibenzo(a,h)anthracene
Concen: 40.913 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.5	20.3
279	22.2	19.0	28.6

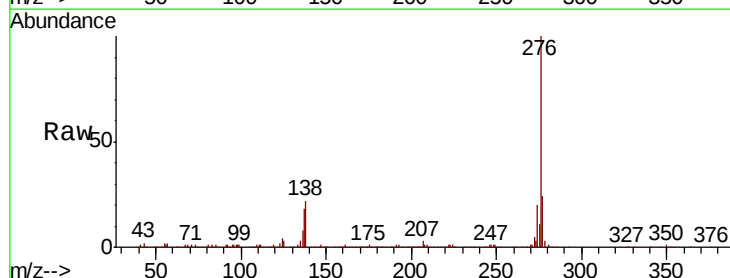


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.869 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.02 min
Lab File: BF114514.D
Acq: 23 May 2019 5:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.6	17.8	26.6



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

