

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114630.D
 Acq On : 26 May 2019 4:33
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 27 01:26:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149693	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	584930	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	269741	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	511338	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	361132	20.00	ng	-0.02
87) Perylene-d12	15.43	264	352385	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	768779	82.65	ng	-0.02
7) Phenol-d6	6.45	99	935342	85.02	ng	-0.01
23) Nitrobenzene-d5	7.37	82	879819	84.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	211035	75.68	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1523112	85.41	ng	-0.02
79) Terphenyl-d14	12.90	244	1464486	83.60	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	178631	34.937	ng	100
3) Pyridine	3.26	79	460706	32.704	ng	97
4) n-Nitrosodimethylamine	3.22	42	239327	35.230	ng	100
6) Aniline	6.47	93	652118	41.034	ng	# 77
8) 2-Chlorophenol	6.59	128	430745	43.377	ng	95
9) Benzaldehyde	6.36	77	269404	34.978	ng	100
10) Phenol	6.46	94	538198	41.585	ng	# 73
11) bis(2-Chloroethyl)ether	6.53	93	409403	41.667	ng	99
12) 1,3-Dichlorobenzene	6.75	146	475533	42.661	ng	97
13) 1,4-Dichlorobenzene	6.82	146	483294	43.026	ng	99
14) 1,2-Dichlorobenzene	6.97	146	443836	43.250	ng	99
15) Benzyl Alcohol	6.95	79	335832	39.138	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	750842	39.412	ng	60
17) 2-Methylphenol	7.07	107	336098	41.202	ng	# 91
18) Hexachloroethane	7.31	117	176285	41.811	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	285393	40.926	ng	99
20) 3+4-Methylphenols	7.22	107	429328	45.553	ng	# 87
22) Acetophenone	7.22	105	564158	43.537	ng	# 91
24) Nitrobenzene	7.39	77	450433	42.431	ng	99
25) Isophorone	7.63	82	779809	40.342	ng	99
26) 2-Nitrophenol	7.70	139	223919	43.476	ng	93
27) 2,4-Dimethylphenol	7.75	122	325781	40.274	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	519202	41.396	ng	99
29) 2,4-Dichlorophenol	7.96	162	347085	43.091	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	386110	42.155	ng	97
31) Naphthalene	8.10	128	1193962	43.698	ng	98
32) Benzoic acid	7.90	122	185020	34.407	ng	99
33) 4-Chloroaniline	8.16	127	533273	42.830	ng	97
34) Hexachlorobutadiene	8.22	225	222655	42.723	ng	98
35) Caprolactam	8.53	113	112742	42.925	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	358757	44.248	ng	95
37) 2-Methylnaphthalene	8.80	142	774527	43.936	ng	98
38) 1-Methylnaphthalene	8.90	142	727466	43.820	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	357177	43.713	ng	100

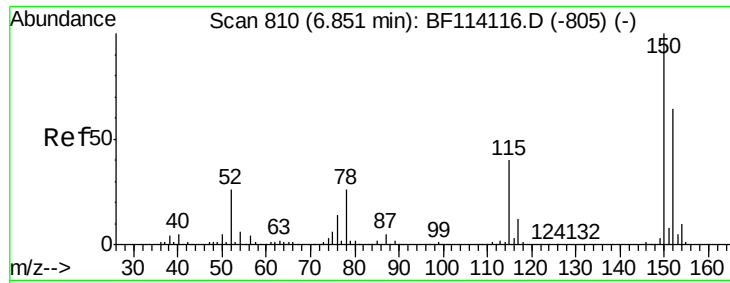
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114630.D
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 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	120412	34.246	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	221149	39.348	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	214785	37.264	ng	94
46) 1,1'-Biphenyl	9.26	154	952377	43.704	ng	97
47) 2-Chloronaphthalene	9.29	162	751561	42.854	ng	99
48) 2-Nitroaniline	9.39	65	262622	42.225	ng	96
49) Acenaphthylene	9.70	152	1134414	42.530	ng	98
50) Dimethylphthalate	9.56	163	817835	41.302	ng	99
51) 2,6-Dinitrotoluene	9.63	165	182051	41.451	ng	86
52) Acenaphthene	9.87	154	673814	41.167	ng	99
53) 3-Nitroaniline	9.80	138	223302	40.958	ng	98
54) 2,4-Dinitrophenol	9.93	184	71726	36.485	ng	97
55) Dibenzofuran	10.05	168	962666	40.109	ng	99
56) 4-Nitrophenol	9.99	139	111779	28.992	ng	94
57) 2,4-Dinitrotoluene	10.05	165	226006	37.913	ng	# 78
58) Fluorene	10.39	166	795421	42.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	187839	37.770	ng	99
60) Diethylphthalate	10.26	149	808613	40.190	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	387545	42.562	ng	98
62) 4-Nitroaniline	10.42	138	216077	37.717	ng	96
63) Azobenzene	10.54	77	771719	39.627	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	103200	42.002	ng	99
66) n-Nitrosodiphenylamine	10.50	169	682815	43.998	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	241209	42.843	ng	97
68) Hexachlorobenzene	10.94	284	260765	41.867	ng	94
69) Atrazine	11.02	200	198068	41.012	ng	97
70) Pentachlorophenol	11.14	266	87071	29.491	ng	98
71) Phenanthrene	11.35	178	1113574	44.763	ng	98
72) Anthracene	11.40	178	1119749	44.813	ng	99
73) Carbazole	11.56	167	1077910	45.238	ng	98
74) Di-n-butylphthalate	11.88	149	1220285	44.453	ng	99
75) Fluoranthene	12.54	202	1196160	44.650	ng	99
77) Benzidine	12.66	184	537777	33.174	ng	97
78) Pyrene	12.77	202	1211809	41.713	ng	99
80) Butylbenzylphthalate	13.37	149	530973	43.423	ng	98
81) Benzo(a)anthracene	13.96	228	1046641	44.809	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	401633	44.325	ng	100
83) Chrysene	14.00	228	1001603	43.743	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	709966	44.393	ng	99
85) Di-n-octyl phthalate	14.54	149	1138618	43.920	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	943624	46.631	ng	99
88) Benzo(b)fluoranthene	15.00	252	971654	43.040	ng	99
89) Benzo(k)fluoranthene	15.03	252	870051	41.954	ng	98
90) Benzo(a)pyrene	15.37	252	850328	42.798	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	779612	47.221	ng	97
92) Benzo(g,h,i)perylene	17.33	276	792898	47.923	ng	99

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

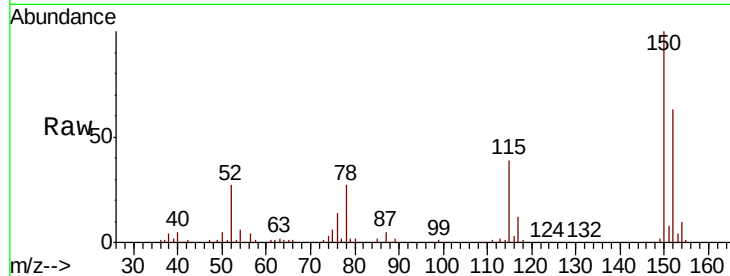


#1

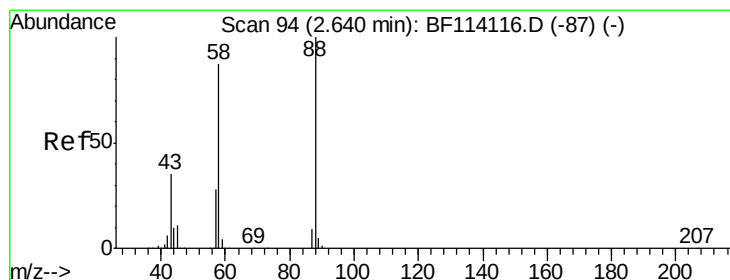
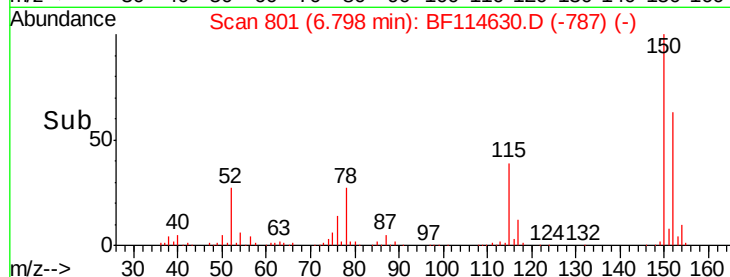
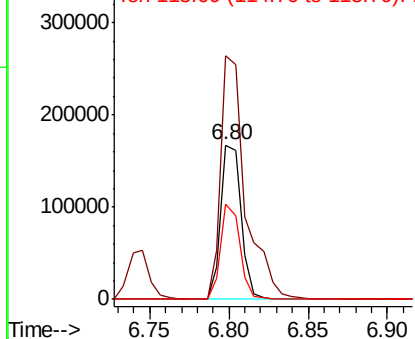
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 149693
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 61.6 49.1 73.7



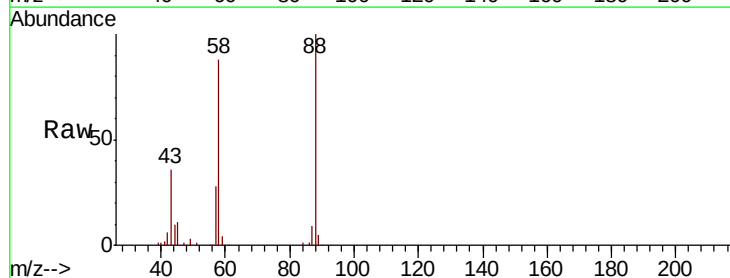
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



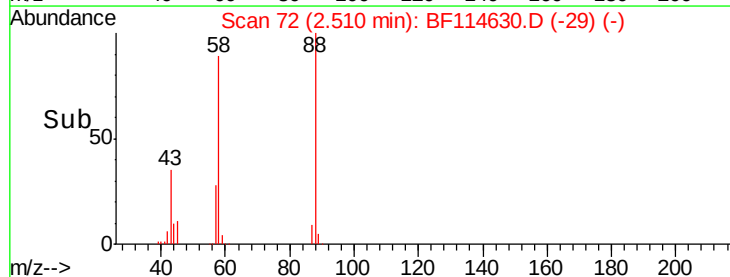
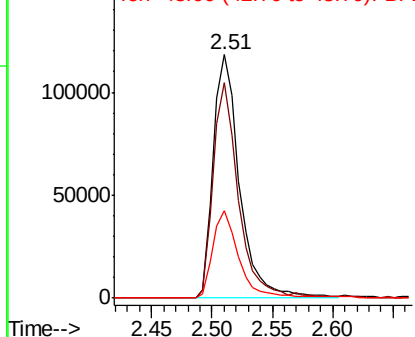
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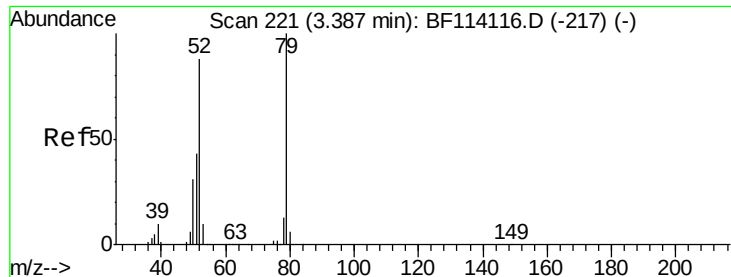
1,4-Dioxane
Concen: 34.937 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.05 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion: 88 Resp: 178631
Ion Ratio Lower Upper
88 100
58 85.6 68.7 103.1
43 35.6 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: 32.704 ng

RT: 3.26 min Scan# 199

Delta R.T. -0.05 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

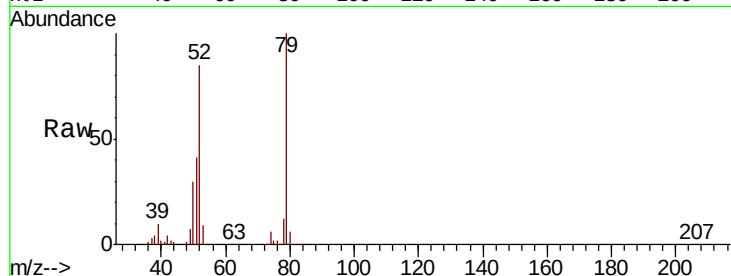
Tot Ion: 79 Resp: 460706

Ion Ratio Lower Upper

79 100

52 84.7 70.6 105.8

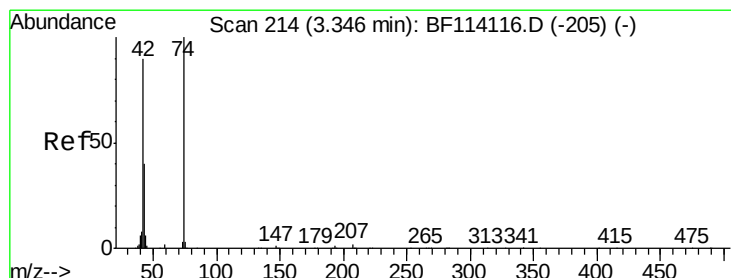
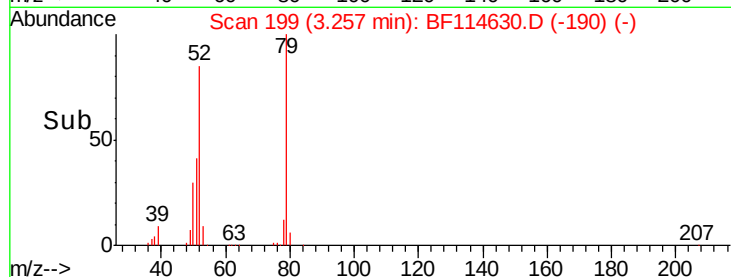
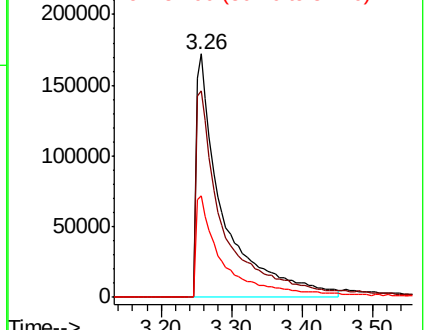
51 41.5 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.230 ng

RT: 3.22 min Scan# 192

Delta R.T. -0.05 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

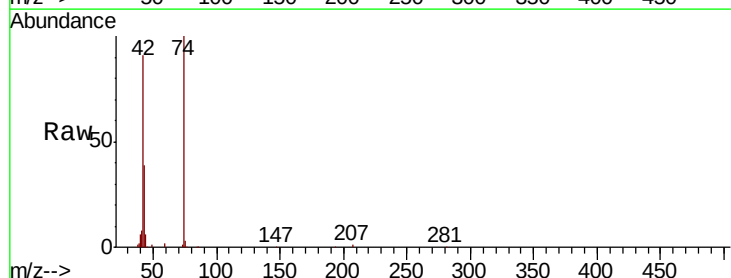
Tgt Ion: 42 Resp: 239327

Ion Ratio Lower Upper

42 100

74 110.3 88.6 132.8

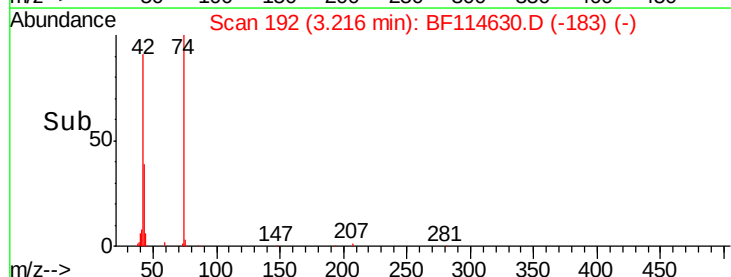
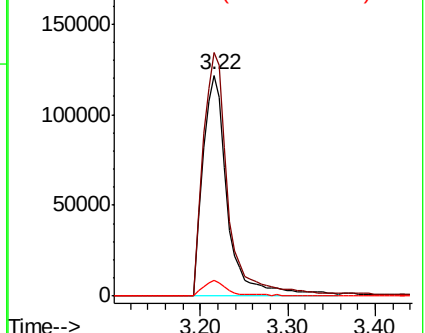
44 7.1 5.5 8.3

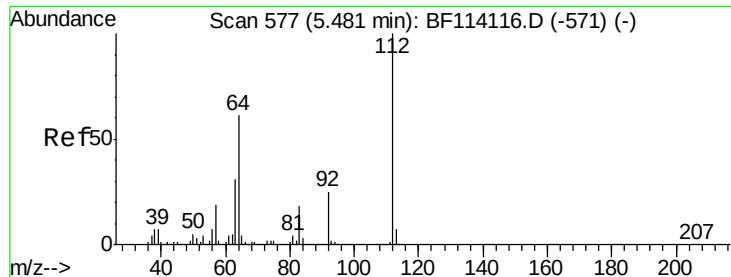


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

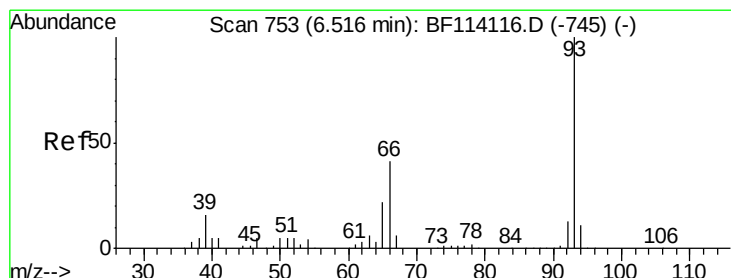
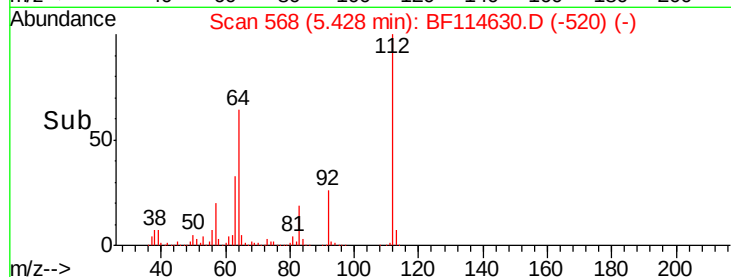
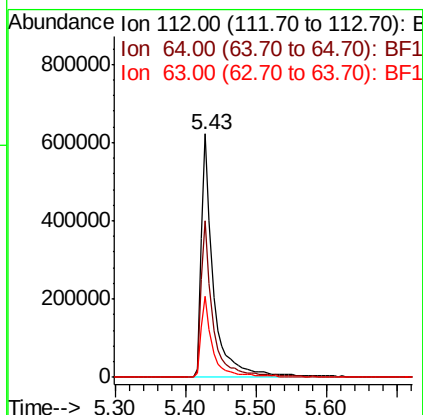
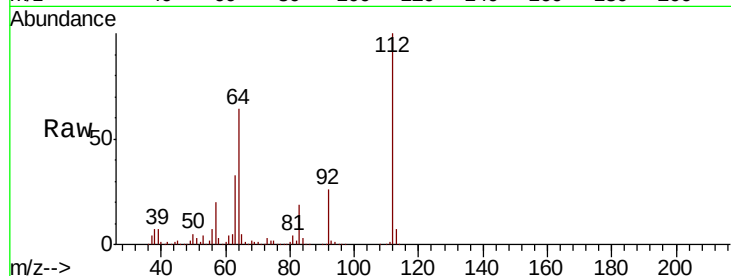




#5
2-Fluorophenol
Concen: 82.647 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

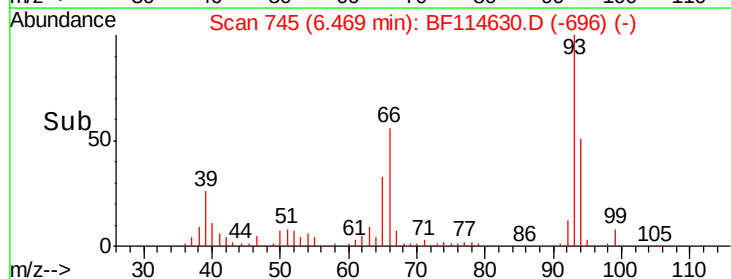
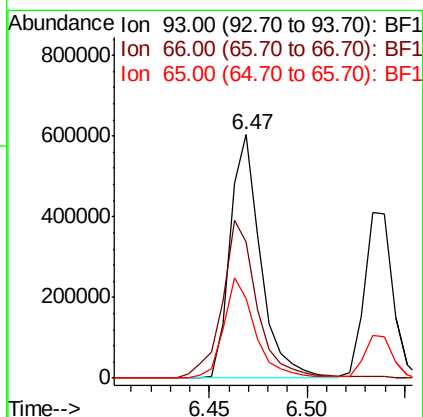
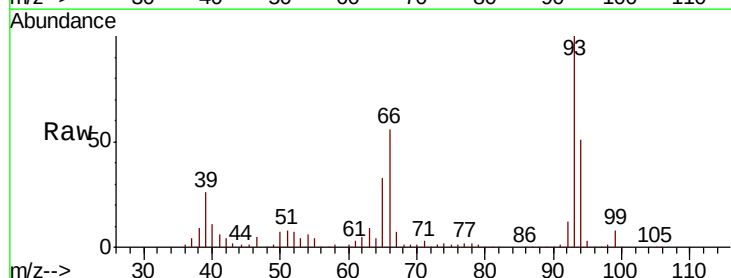
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

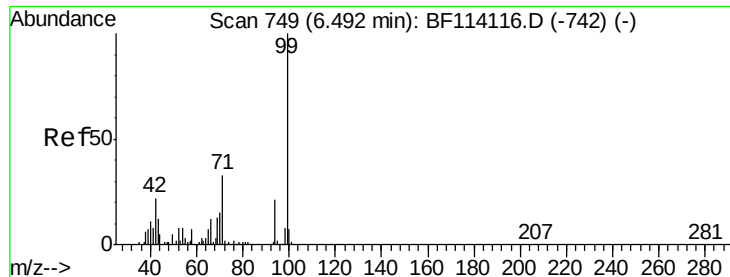
Tot Ion	Ratio	Lower	Upper
112	100		
64	64.1	49.0	73.6
63	33.1	24.6	37.0



#6
Aniline
Concen: 41.034 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
93	100		
66	55.7	33.2	49.8#
65	32.8	17.6	26.4#





#7

Phenol-d6

Concen: 85.018 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

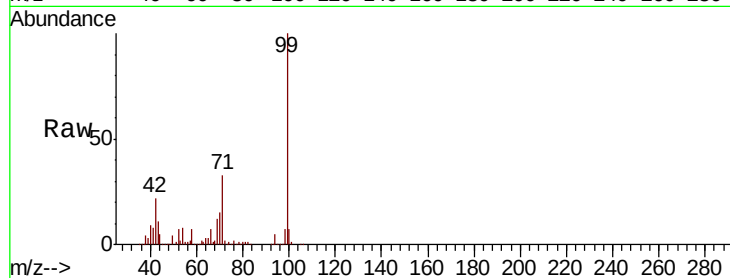
Tot Ion: 99 Resp: 935342

Ion Ratio Lower Upper

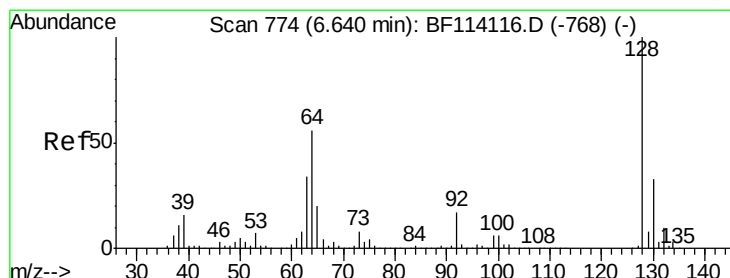
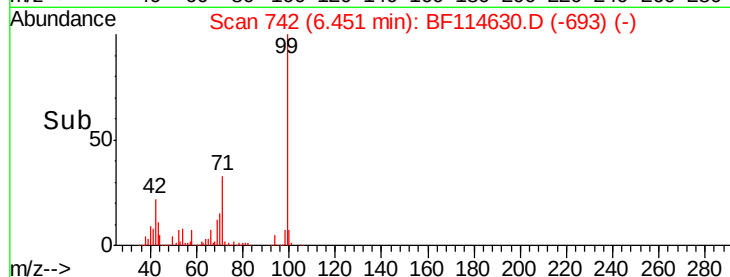
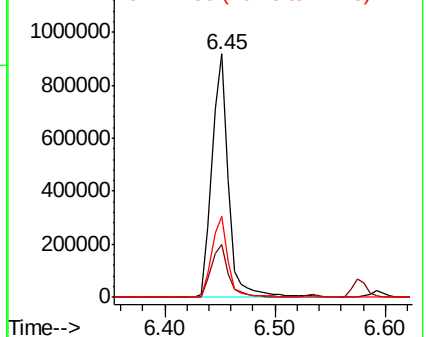
99 100

42 21.7 17.9 26.9

71 33.1 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: 43.377 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

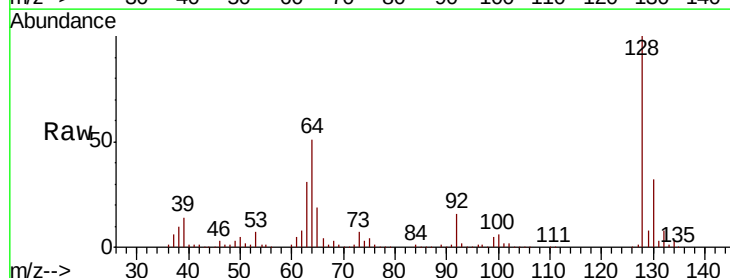
Tgt Ion: 128 Resp: 430745

Ion Ratio Lower Upper

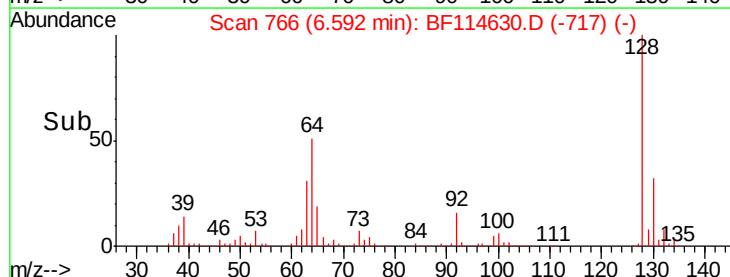
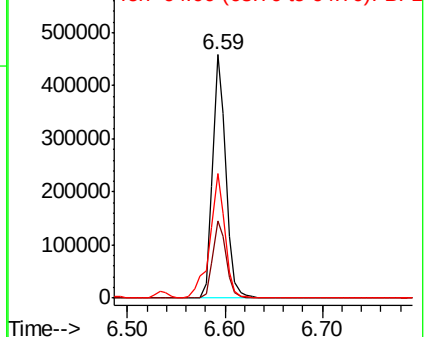
128 100

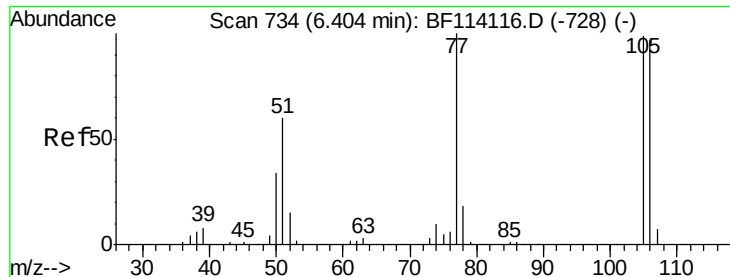
130 31.9 12.6 52.6

64 51.0 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: 34.978 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

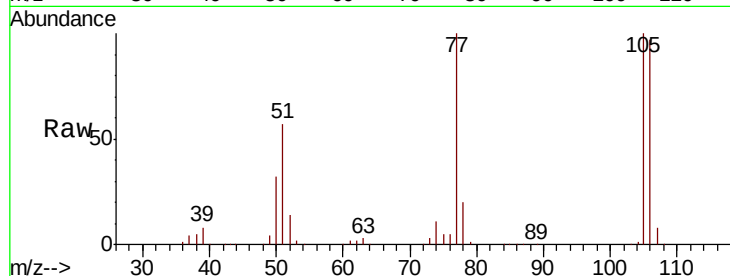
Tot Ion: 77 Resp: 269404

Ion Ratio Lower Upper

77 100

105 99.5 79.3 119.3

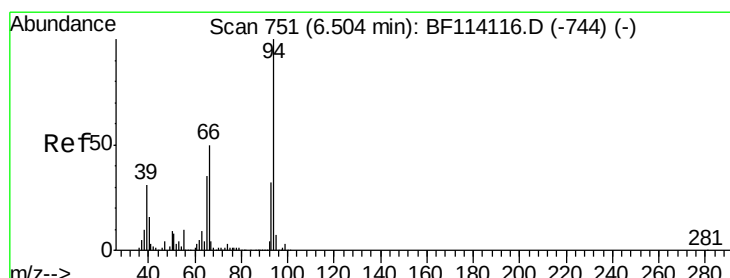
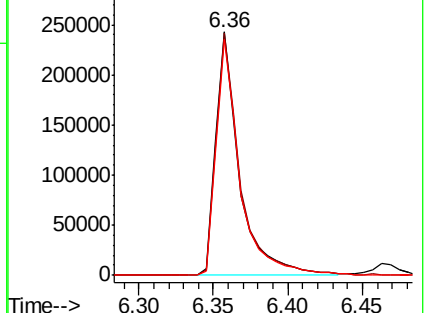
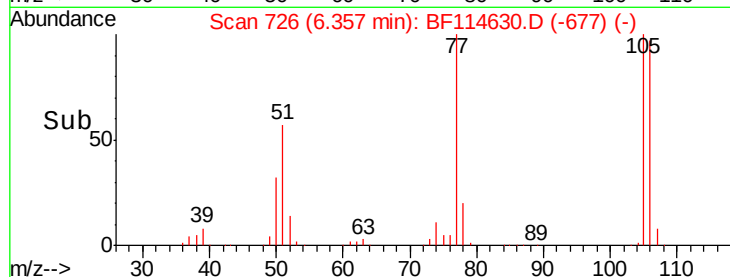
106 97.0 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.585 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

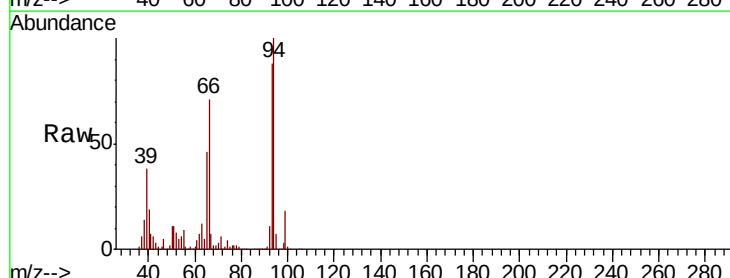
Tgt Ion: 94 Resp: 538198

Ion Ratio Lower Upper

94 100

65 45.7 14.7 54.7

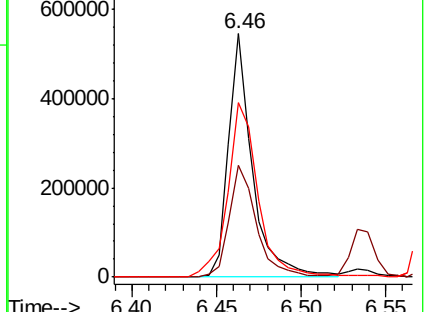
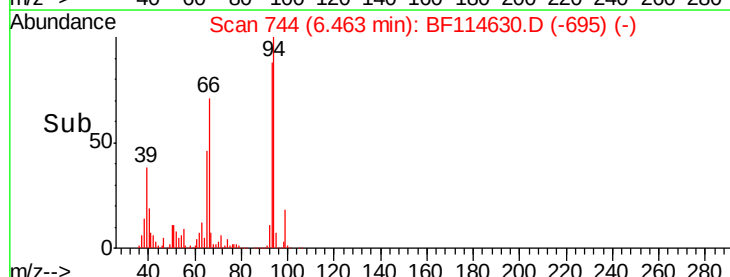
66 71.4 29.6 69.6#

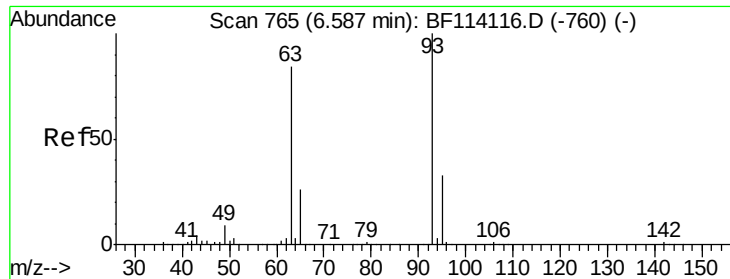


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

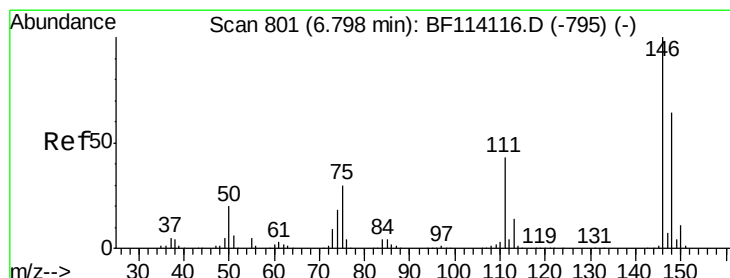
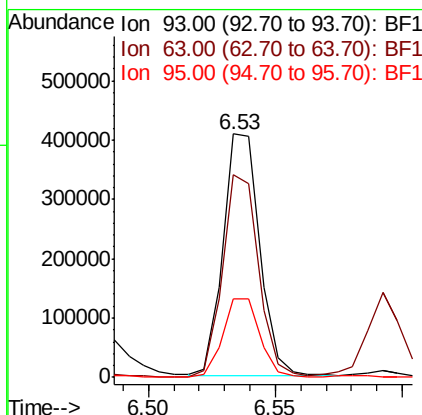
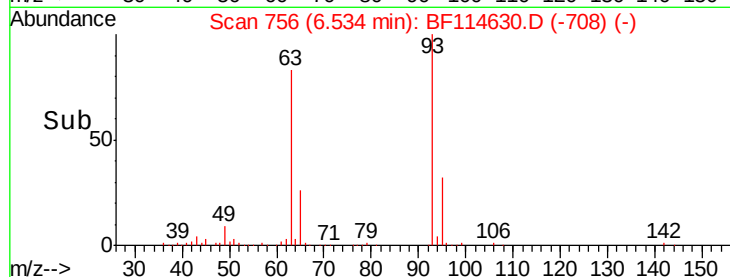
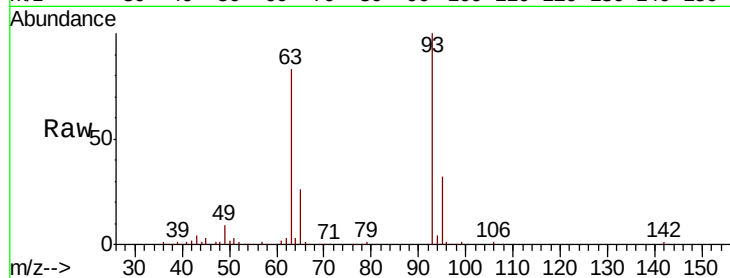




#11
 bis(2-Chloroethyl)ether
 Concen: 41.667 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

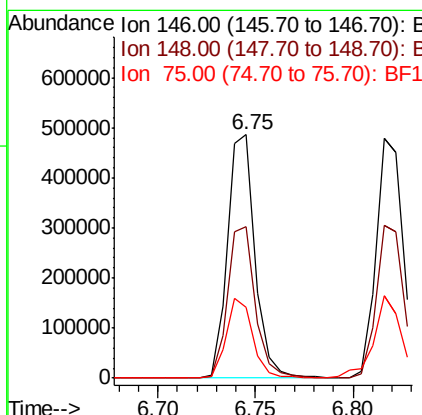
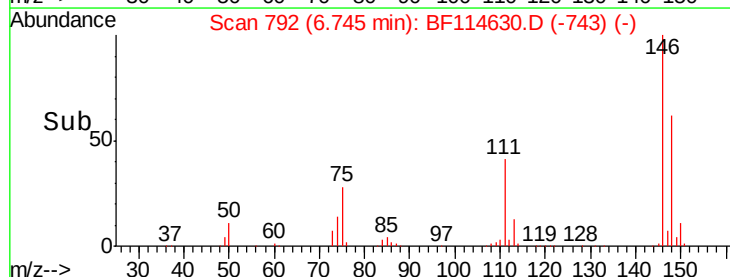
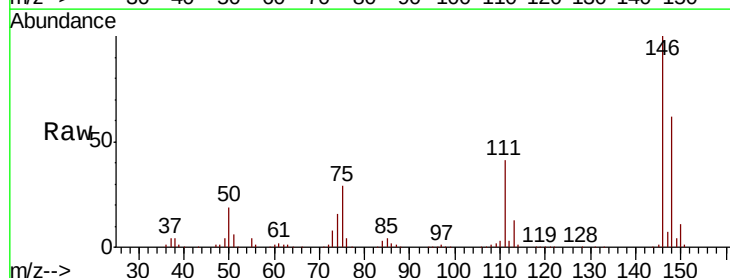
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

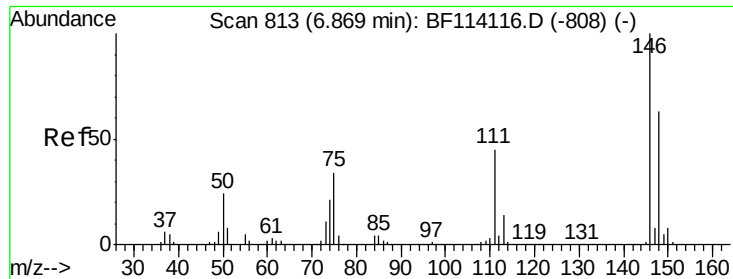
Tot Ion: 93 Resp: 409403
 Ion Ratio Lower Upper
 93 100
 63 83.0 63.6 103.6
 95 32.5 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 42.661 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion: 146 Resp: 475533
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.6 77.4
 75 29.2 24.2 36.2

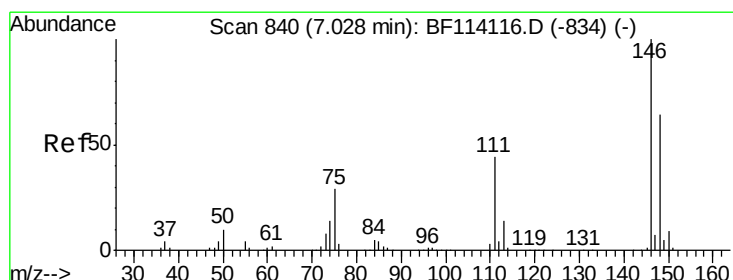
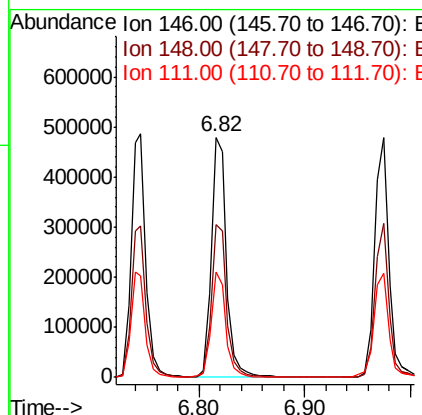
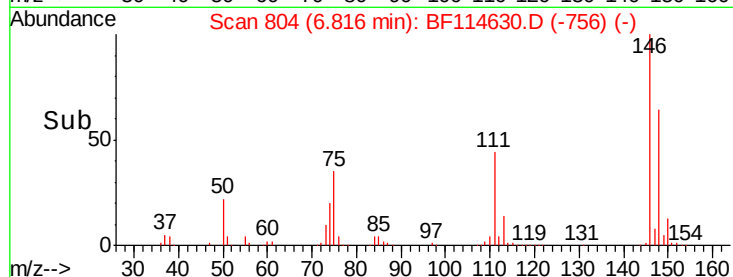
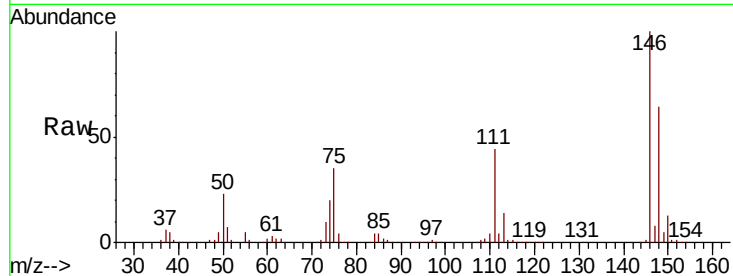




#13
 1,4-Dichlorobenzene
 Concen: 43.026 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

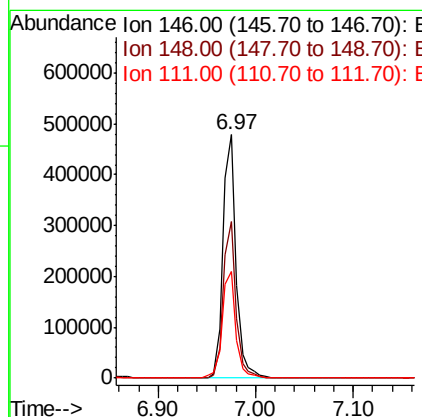
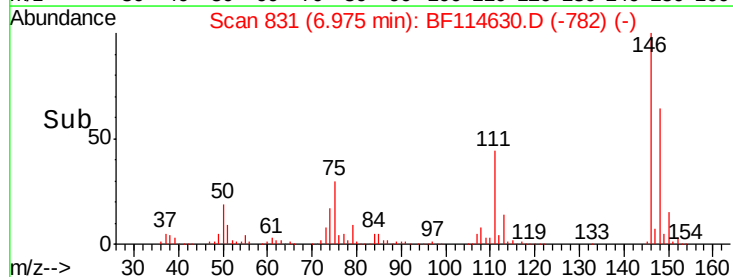
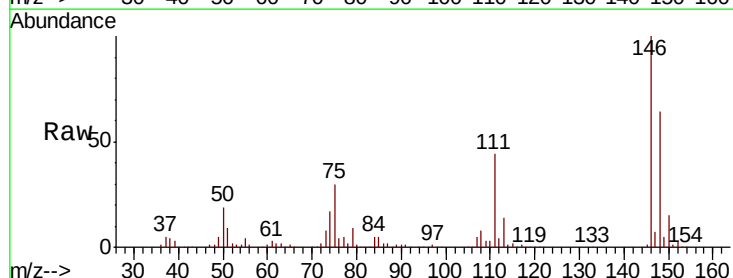
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

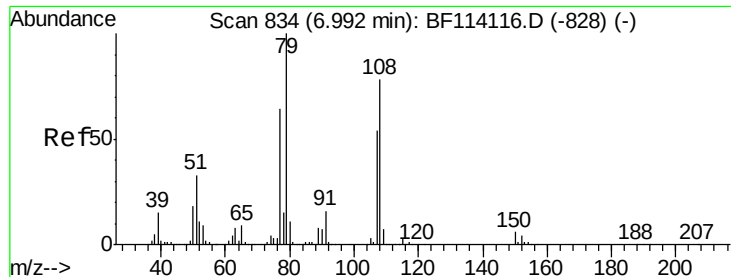
Tot Ion:146 Resp: 483294
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 44.0 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 43.250 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion:146 Resp: 443836
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 43.6 35.3 52.9

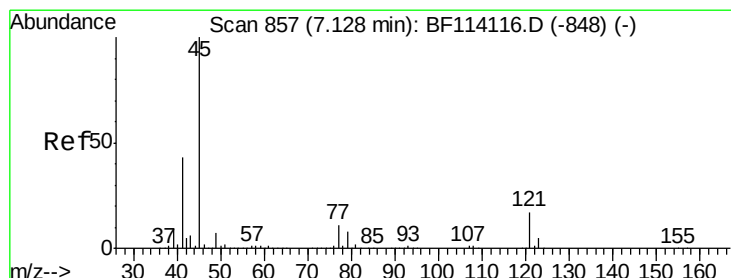
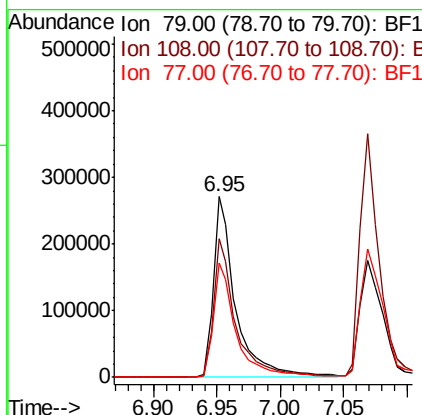
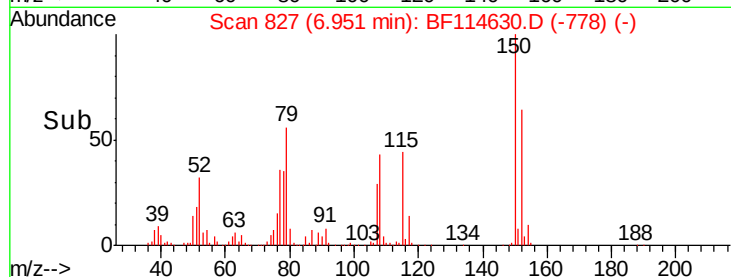
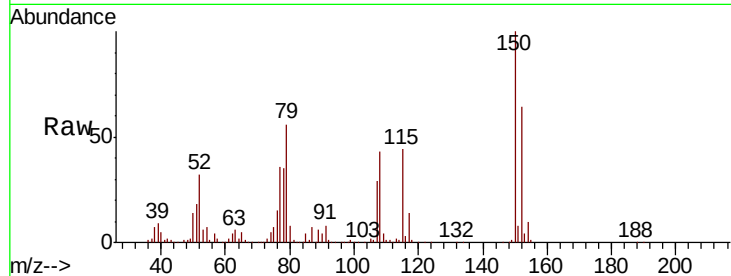




#15
Benzyl Alcohol
Concen: 39.138 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

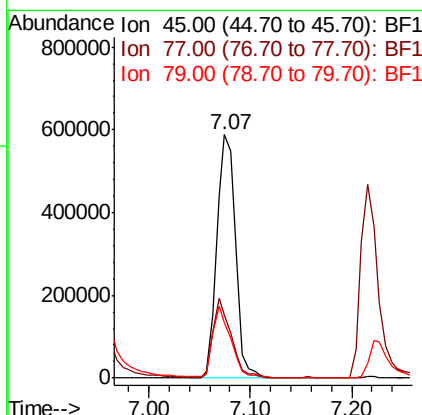
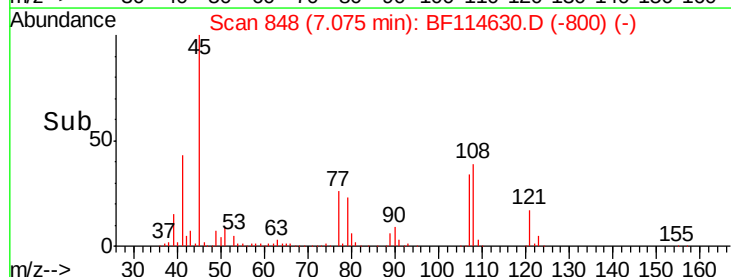
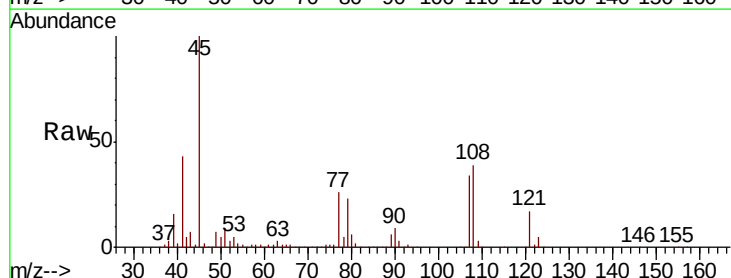
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

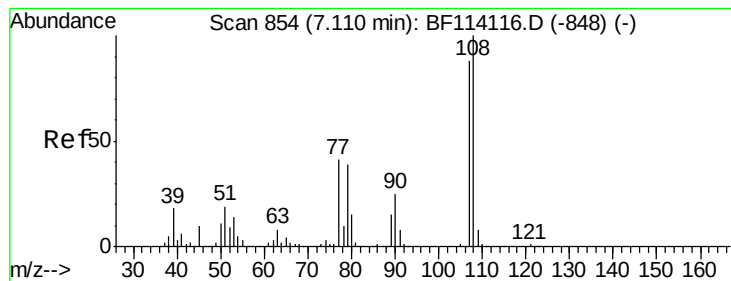
Tot Ion: 79 Resp: 335832
Ion Ratio Lower Upper
79 100
108 76.8 62.1 93.1
77 63.8 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.412 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion: 45 Resp: 750842
Ion Ratio Lower Upper
45 100
77 25.9 0.0 31.1
79 22.9 0.0 28.4





#17

2-Methylphenol

Concen: 41.202 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 336098

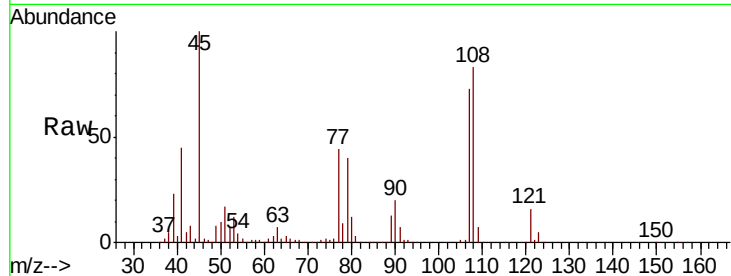
Ion Ratio Lower Upper

107 100

108 114.0 90.5 135.7

77 59.9 37.0 55.4#

79 54.8 35.8 53.8#

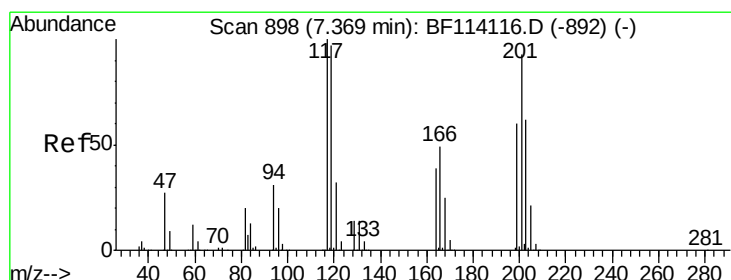
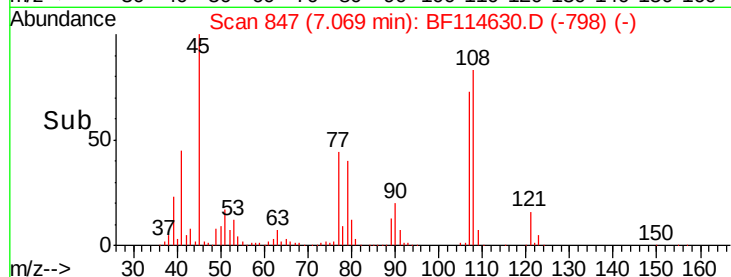
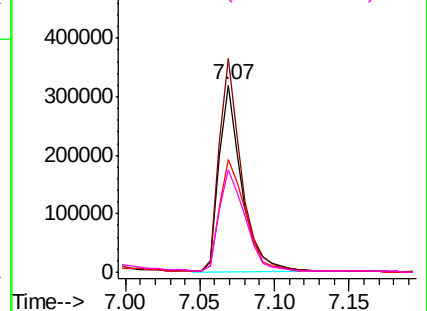


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.811 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

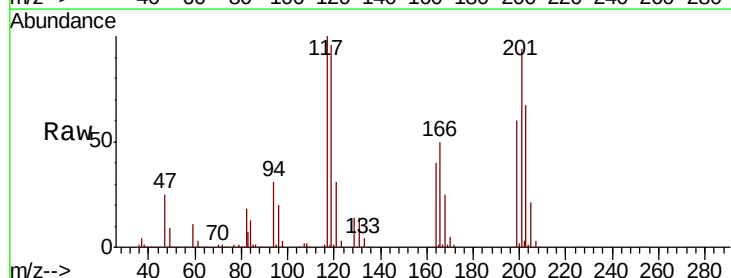
Tgt Ion:117 Resp: 176285

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2

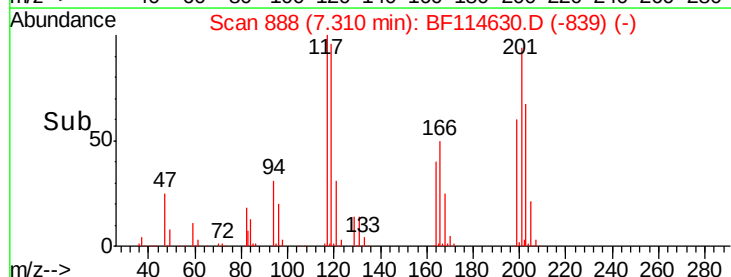
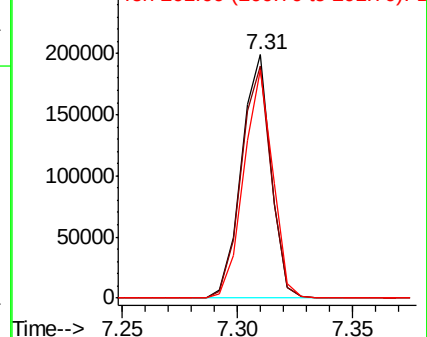
201 93.7 74.5 111.7

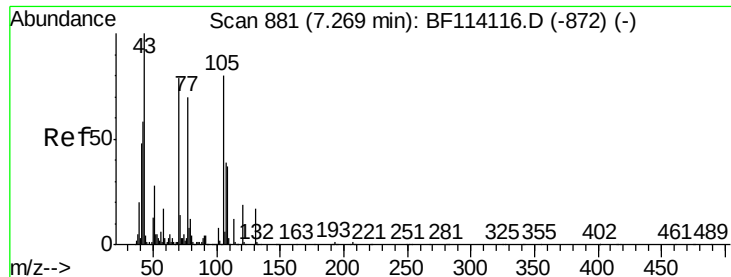


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

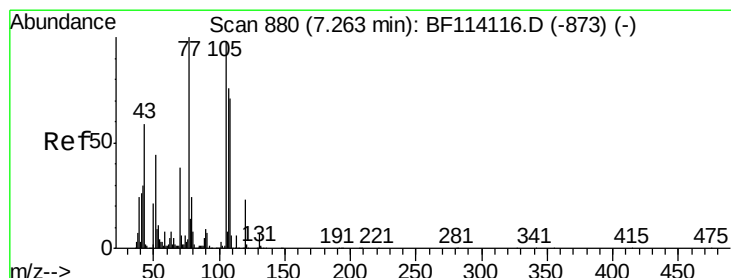
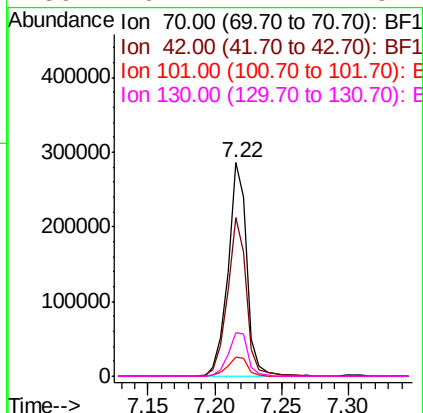
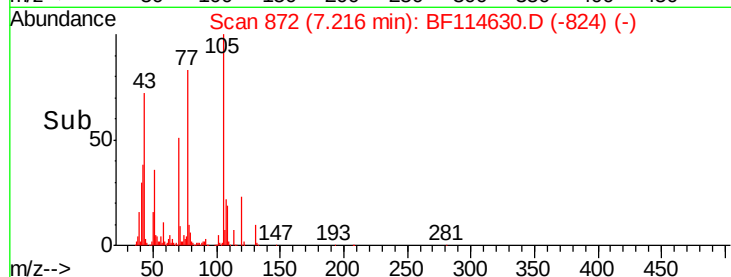
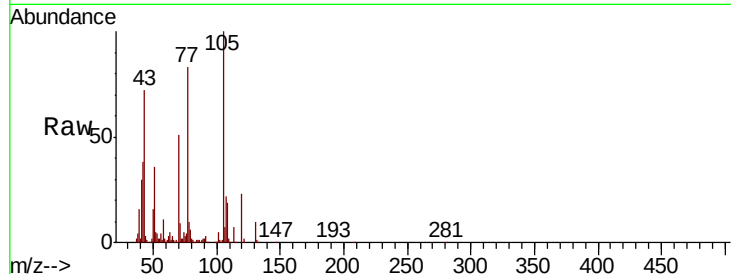




#19
n-Nitroso-di-n-propylamine
Concen: 40.926 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

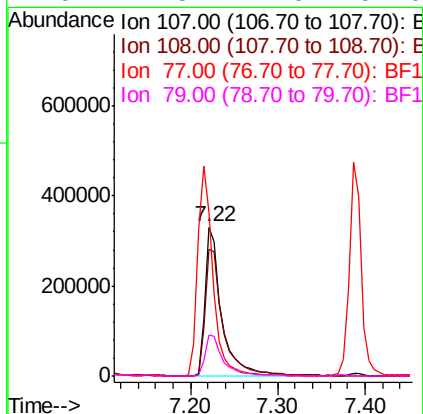
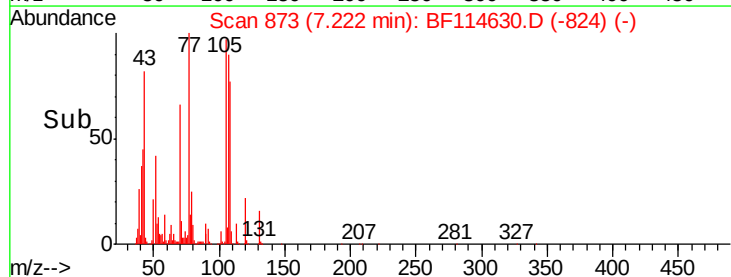
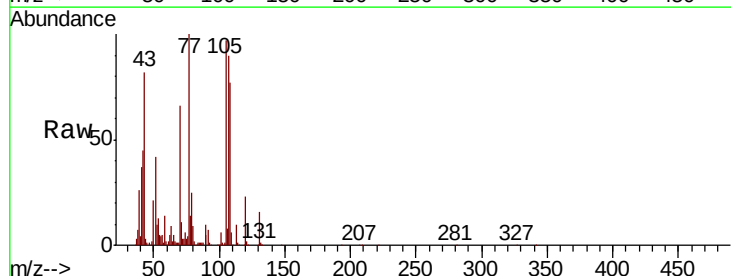
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

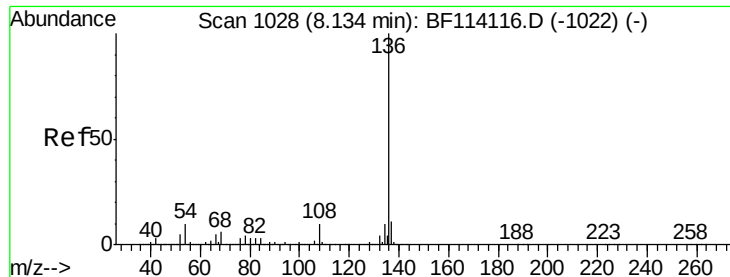
Tot Ion:	70	Resp:	285393
Ion	Ratio	Lower	Upper
70	100		
42	74.1	58.6	87.8
101	8.9	7.8	11.8
130	20.4	17.1	25.7



#20
3+4-Methylphenols
Concen: 45.553 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion:	107	Resp:	429328
Ion	Ratio	Lower	Upper
107	100		
108	85.0	73.8	113.8
77	110.6	111.5	151.5#
79	27.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 584930

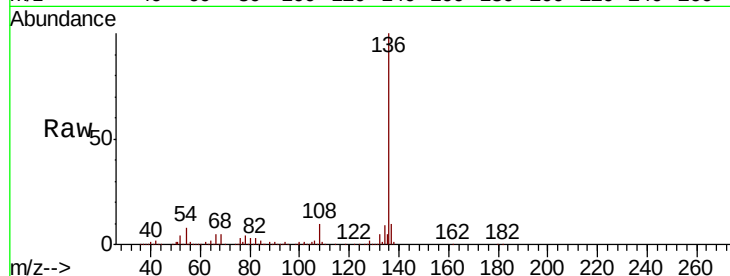
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 8.4 7.8 11.8

68 5.4 5.1 7.7

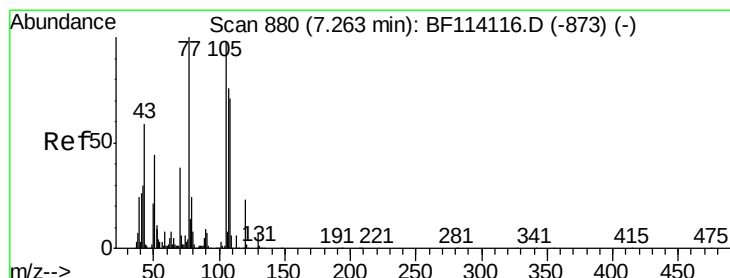
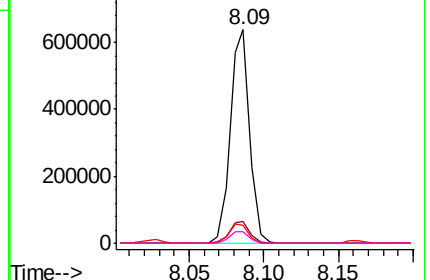
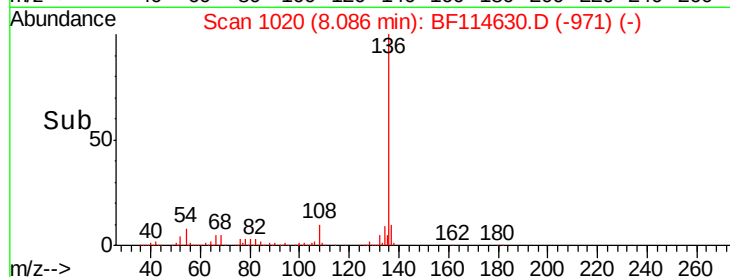


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.537 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:105 Resp: 564158

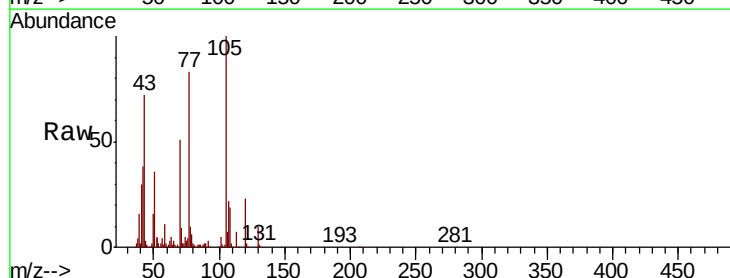
Ion Ratio Lower Upper

105 100

71 8.5 5.3 7.9#

51 35.9 36.2 54.4#

120 22.8 18.6 28.0

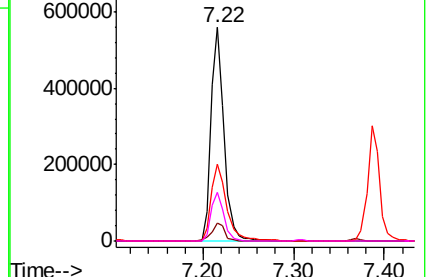
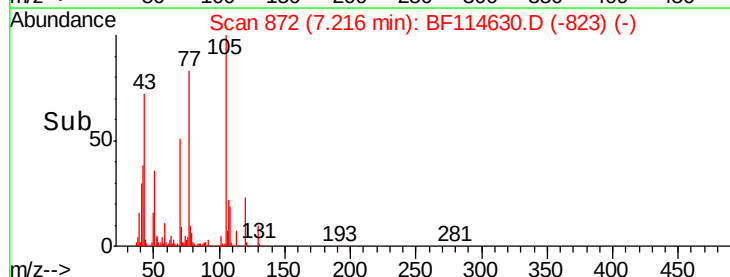


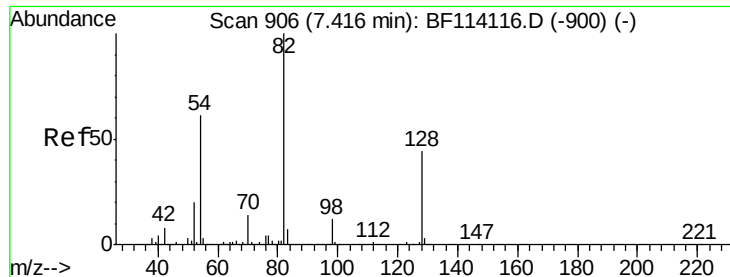
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.413 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

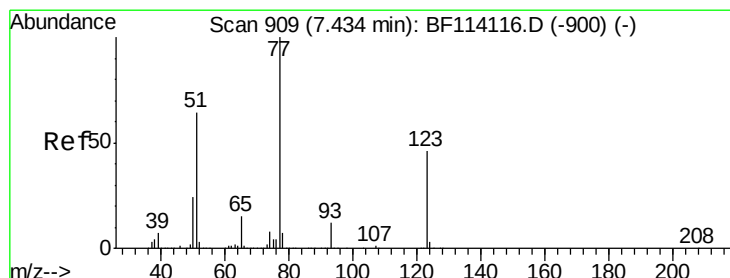
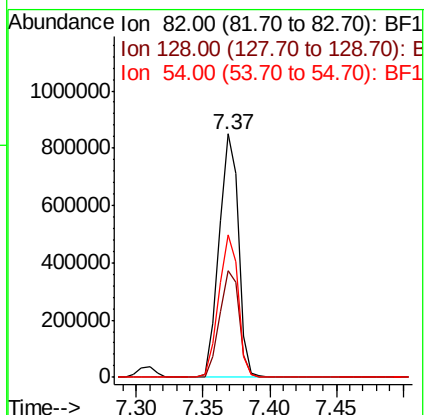
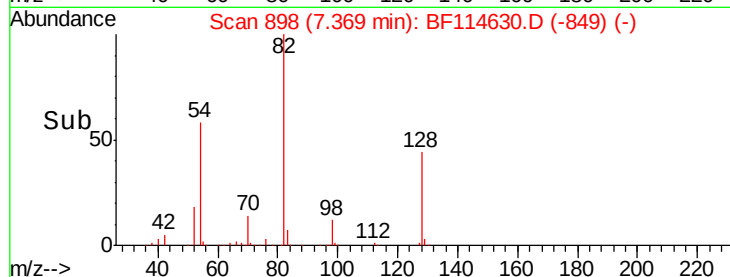
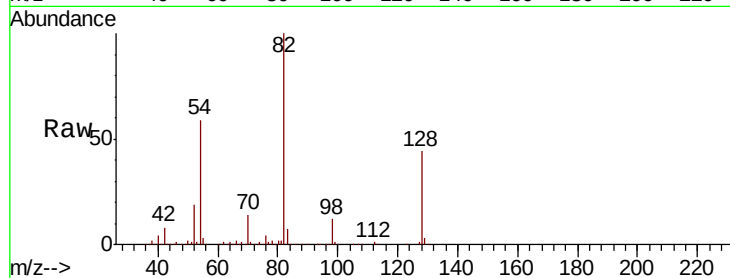
Tot Ion: 82 Resp: 879819

Ion Ratio Lower Upper

82 100

128 43.9 35.5 53.3

54 58.6 48.5 72.7



#24

Nitrobenzene

Concen: 42.431 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

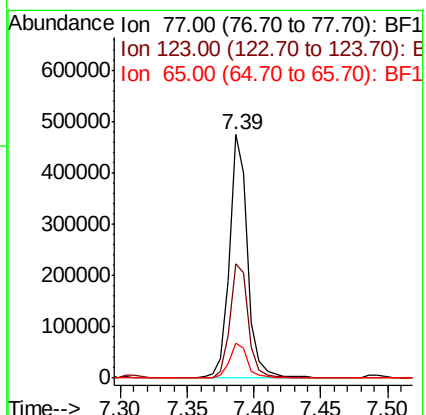
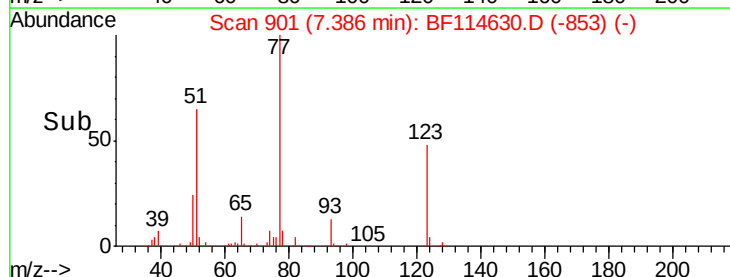
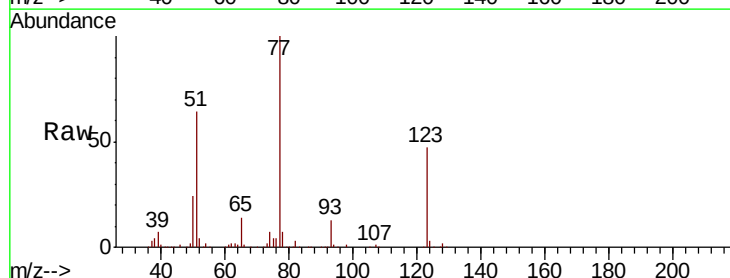
Tgt Ion: 77 Resp: 450433

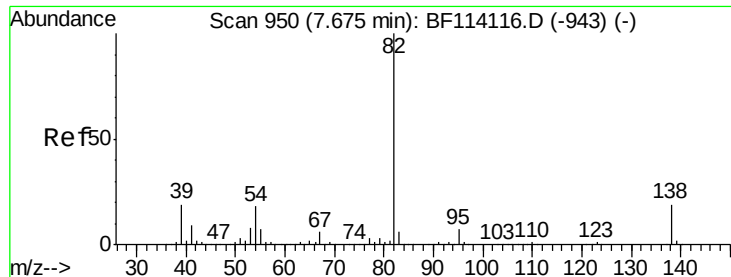
Ion Ratio Lower Upper

77 100

123 46.9 36.9 55.3

65 14.3 11.8 17.6





#25

Isophorone

Concen: 40.342 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

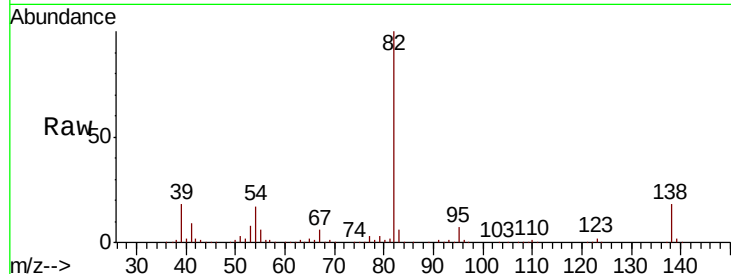
Tot Ion: 82 Resp: 779809

Ion Ratio Lower Upper

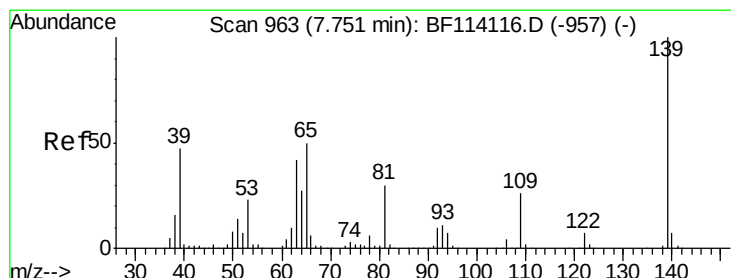
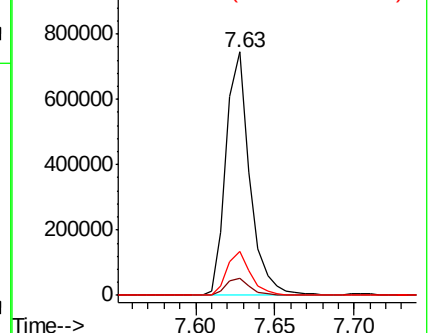
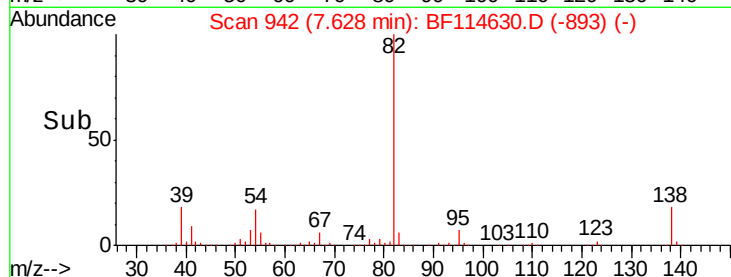
82 100

95 7.1 5.6 8.4

138 18.1 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.476 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

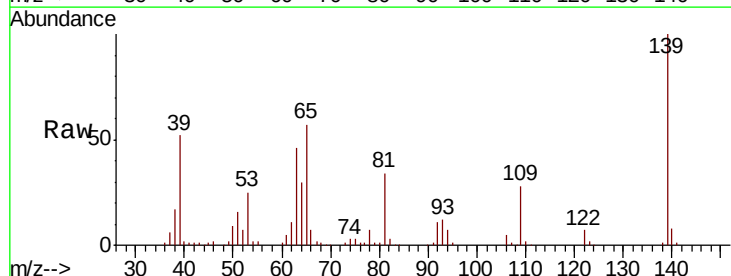
Tgt Ion: 139 Resp: 223919

Ion Ratio Lower Upper

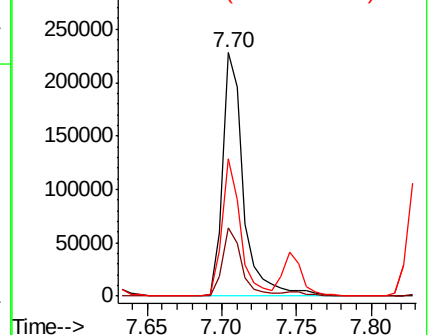
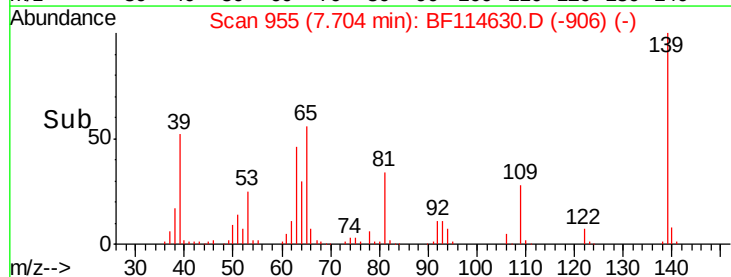
139 100

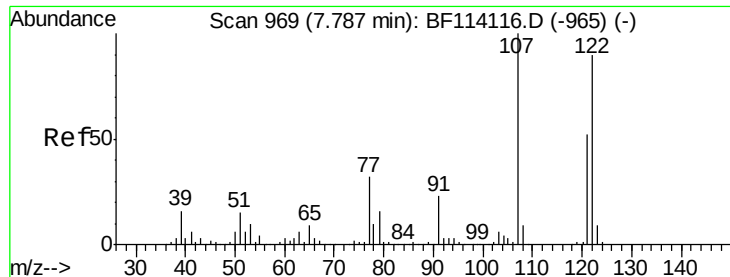
109 27.9 20.7 31.1

65 56.6 40.2 60.2



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

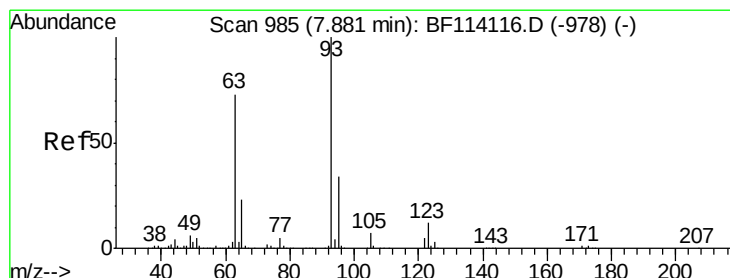
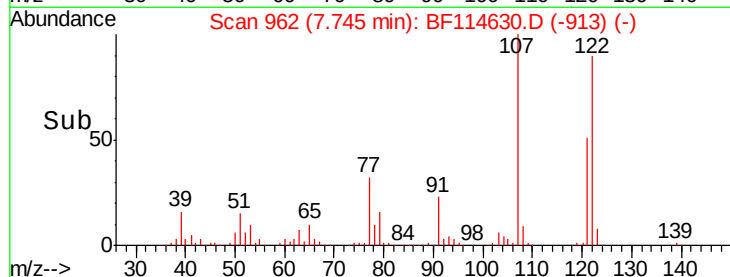
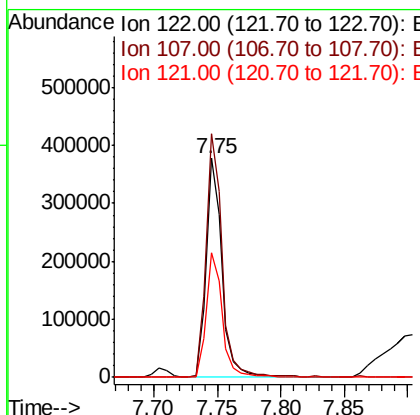
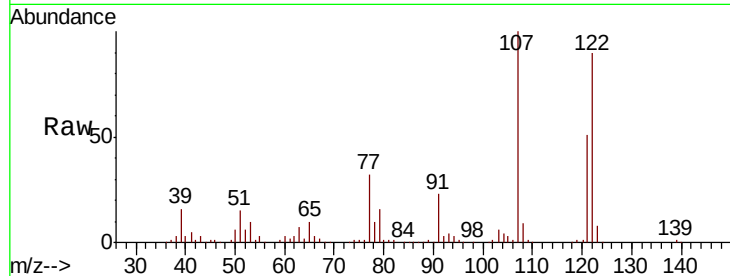




#27
2,4-Dimethylphenol
Concen: 40.274 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

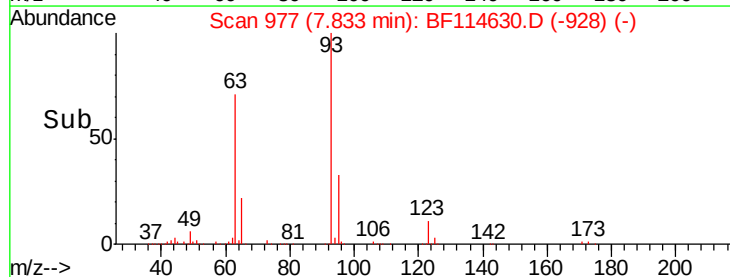
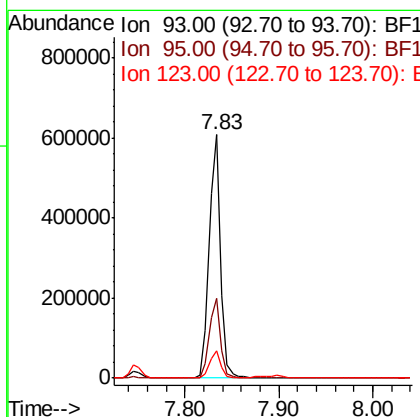
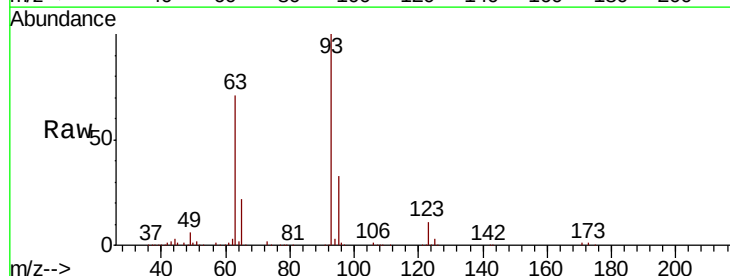
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

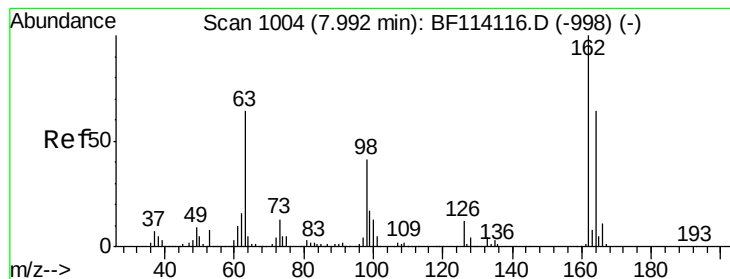
Tot Ion:122 Resp: 325781
Ion Ratio Lower Upper
122 100
107 111.1 88.4 132.6
121 57.0 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 41.396 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion: 93 Resp: 519202
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.4 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.091 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

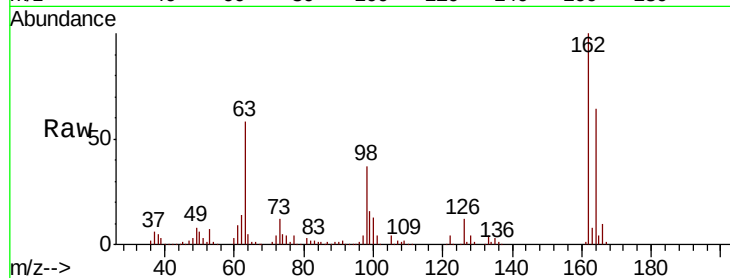
Tot Ion:162 Resp: 347085

Ion Ratio Lower Upper

162 100

164 64.1 43.6 83.6

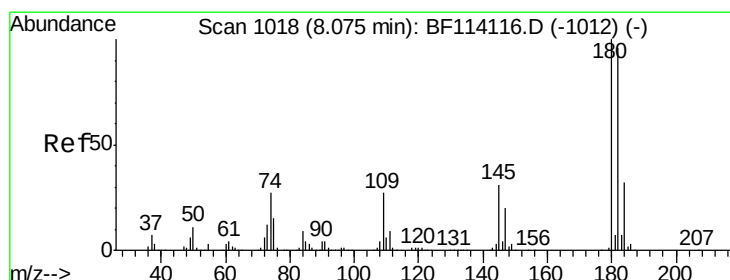
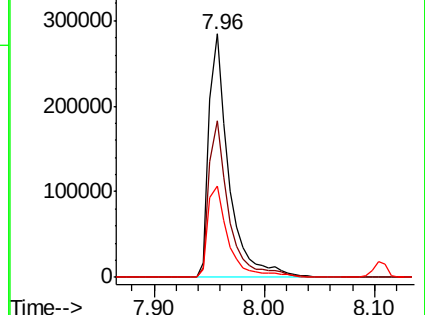
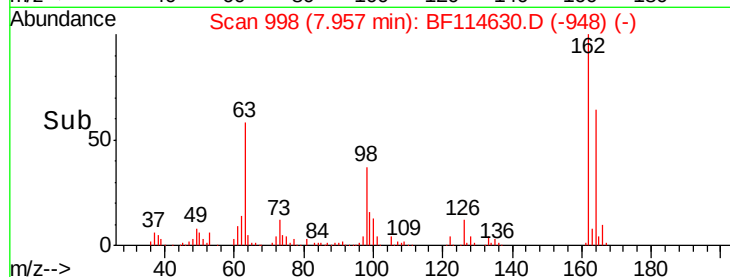
98 37.4 20.6 60.6



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: 42.155 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

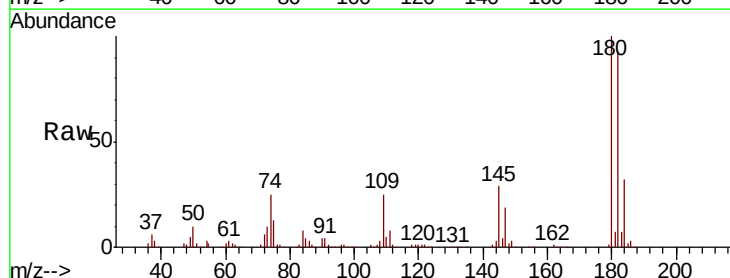
Tgt Ion:180 Resp: 386110

Ion Ratio Lower Upper

180 100

182 93.0 76.6 114.8

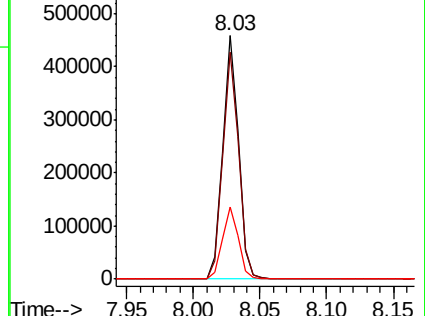
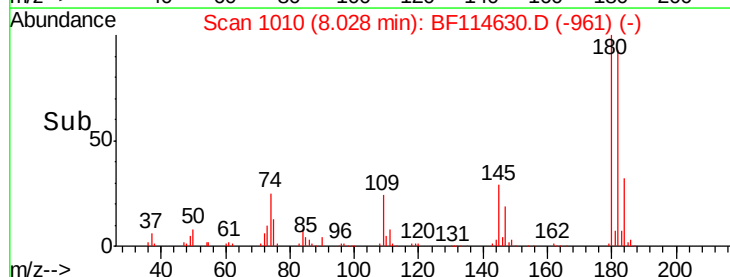
145 29.4 25.1 37.7

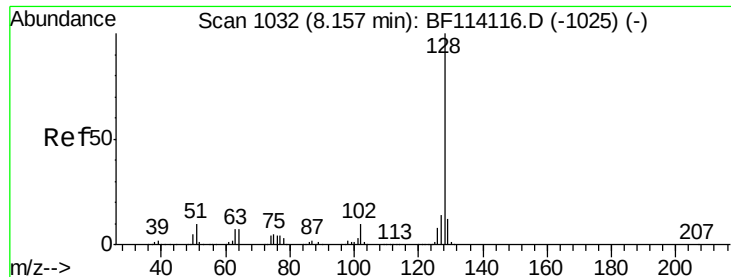


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

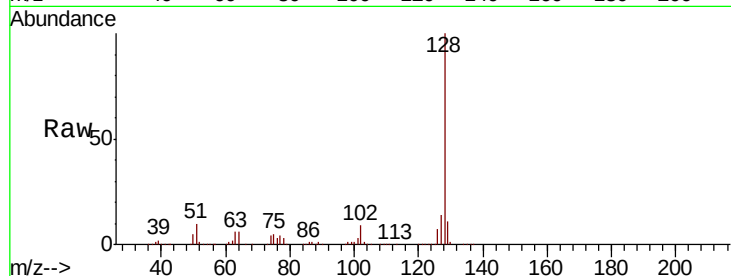




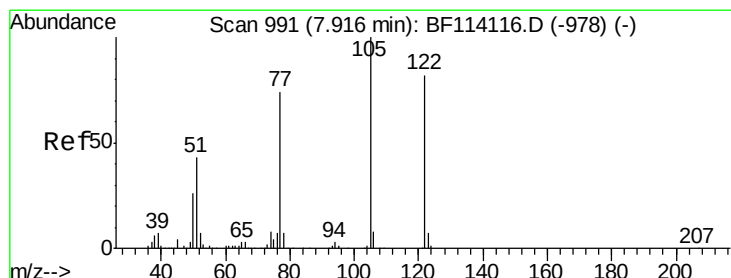
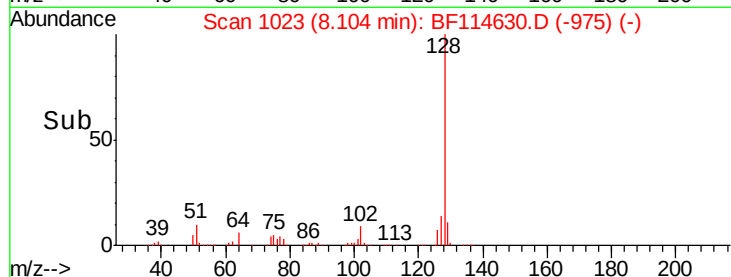
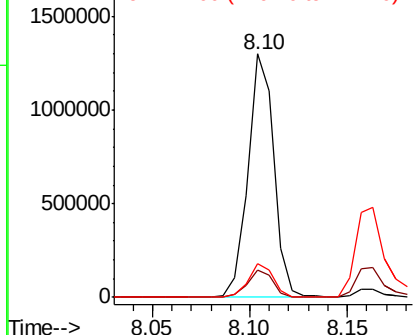
#31
Naphthalene
Concen: 43.698 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1193962
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.6 11.3 16.9

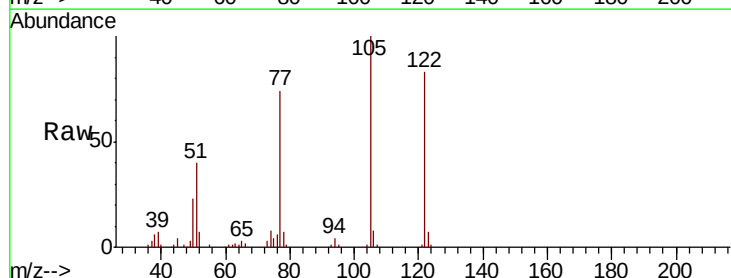


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

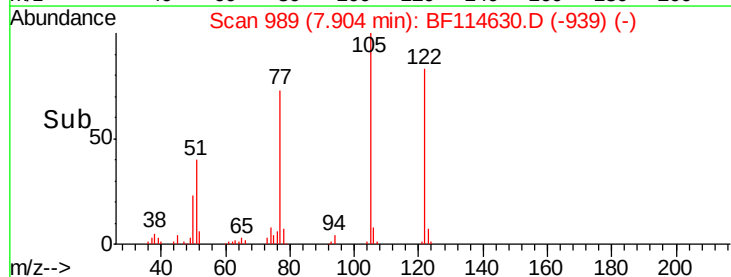
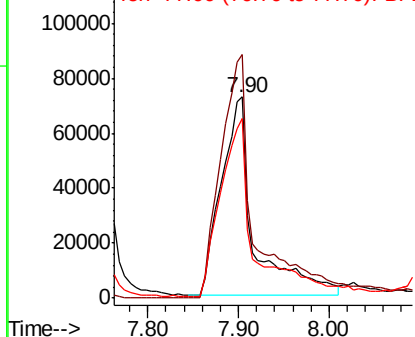


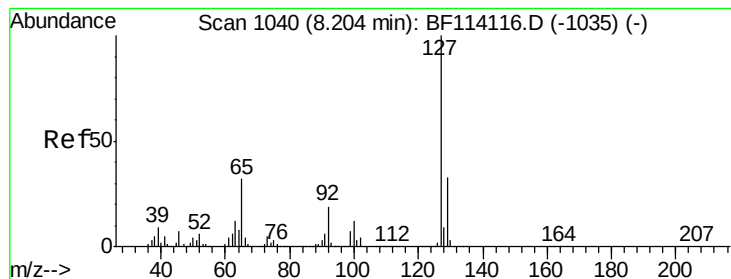
#32
Benzoic acid
Concen: 34.407 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion:122 Resp: 185020
Ion Ratio Lower Upper
122 100
105 121.2 99.9 139.9
77 89.6 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

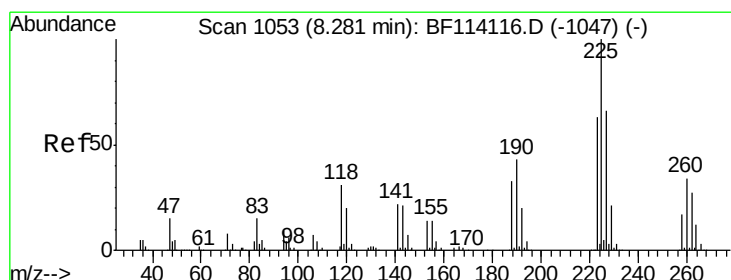
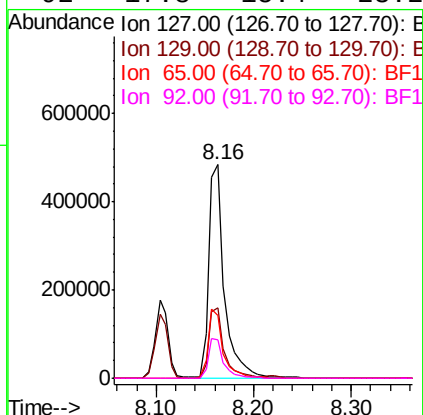
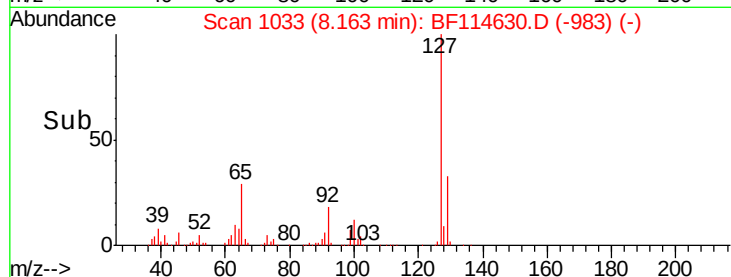
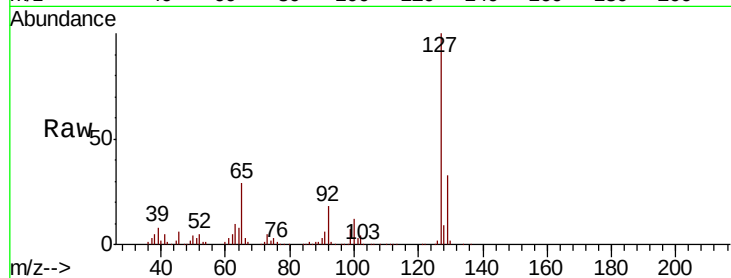




#33
4-Chloroaniline
Concen: 42.830 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

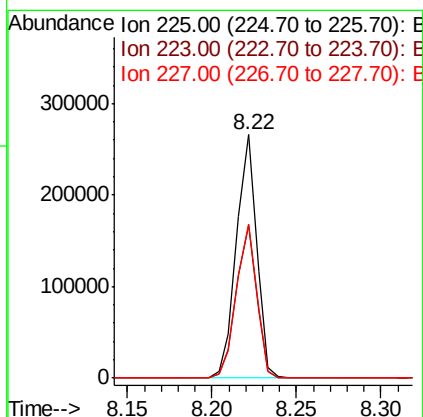
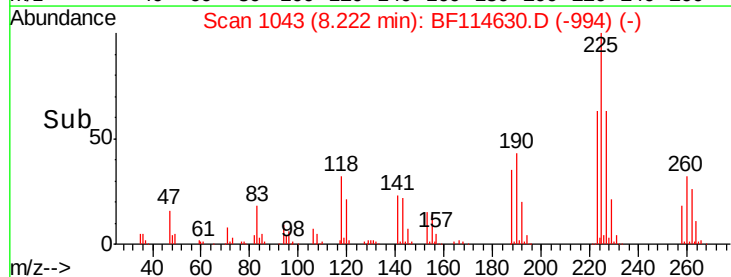
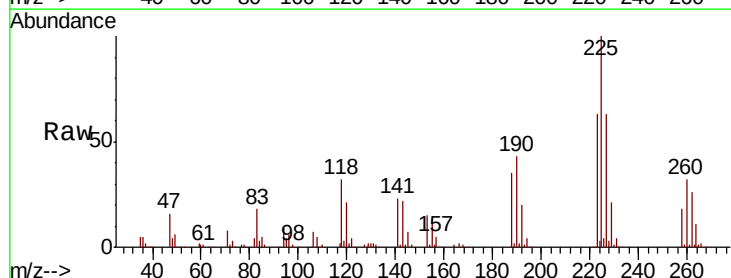
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

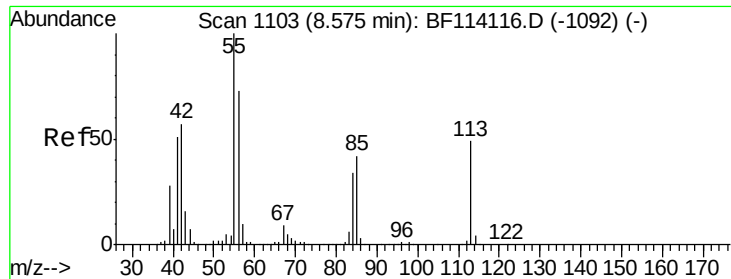
Tot Ion:	127	Resp:	533273
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	29.1	25.4	38.0
92	17.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.723 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion:	225	Resp:	222655
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.2	52.6	79.0

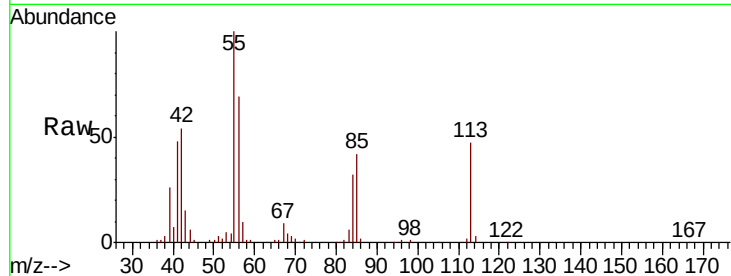




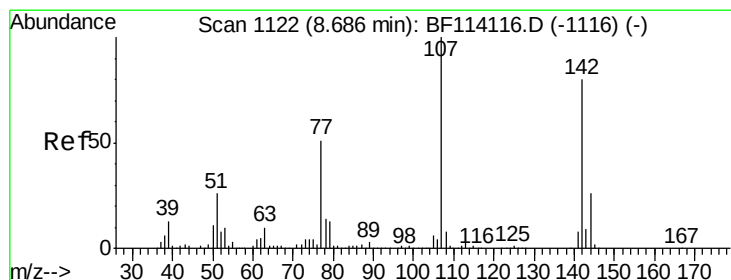
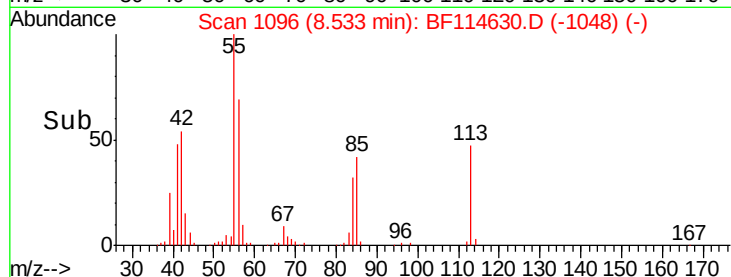
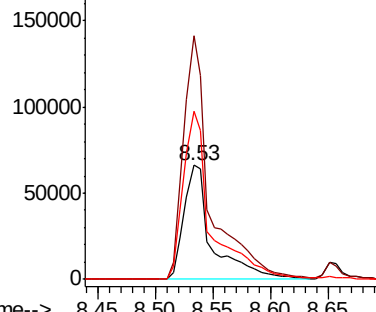
#35
Caprolactam
Concen: 42.925 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 112742
Ion Ratio Lower Upper
113 100
55 213.2 183.5 223.5
56 147.7 128.8 168.8

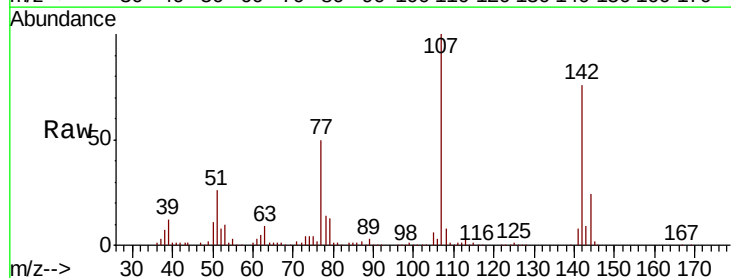


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

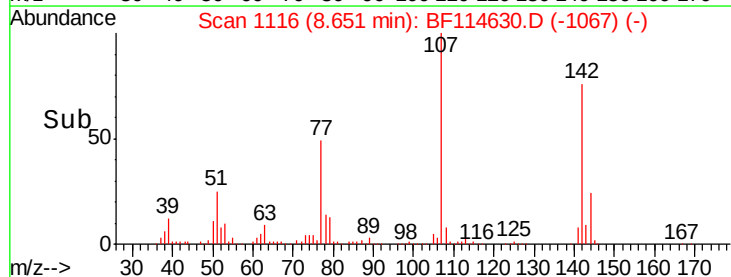
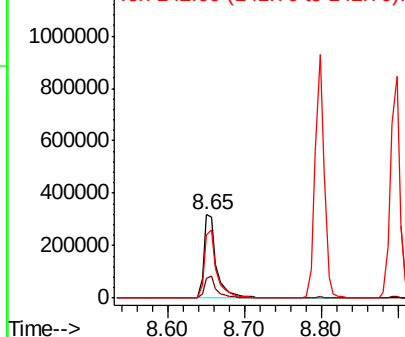


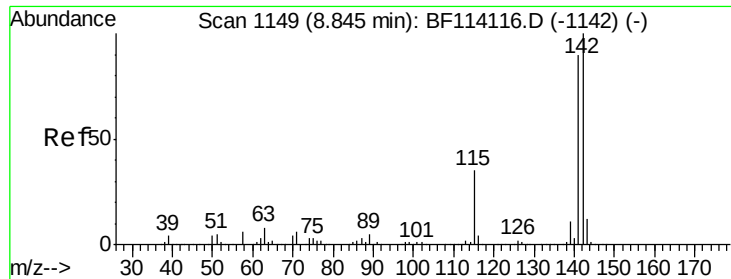
#36
4-Chloro-3-methylphenol
Concen: 44.248 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion:107 Resp: 358757
Ion Ratio Lower Upper
107 100
144 24.1 20.4 30.6
142 75.7 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

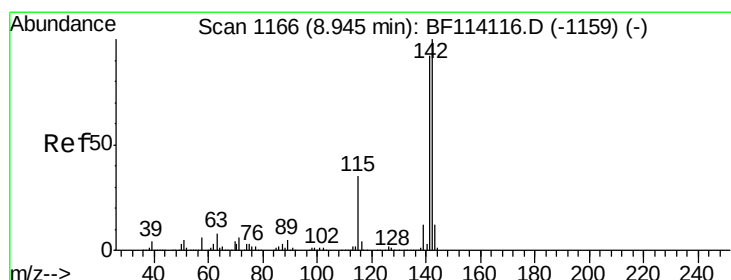
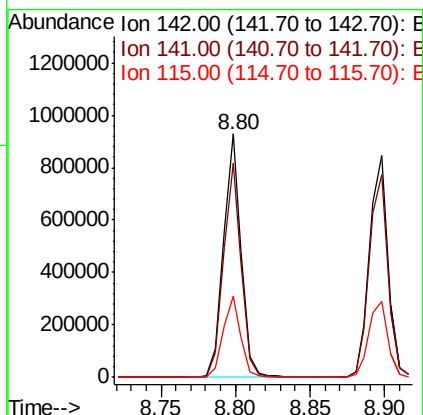
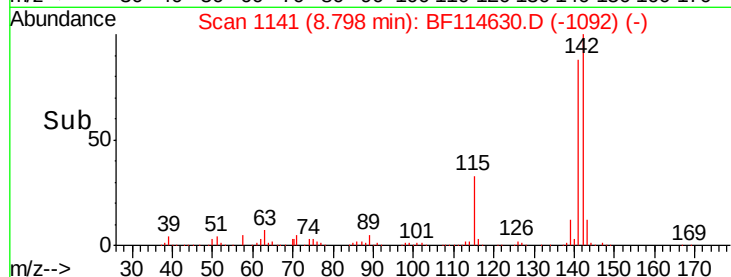
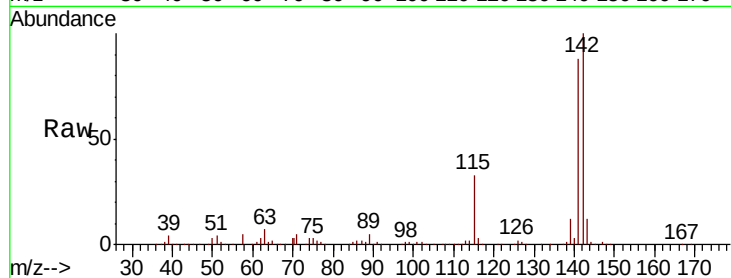




#37
2-Methylnaphthalene
Concen: 43.936 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

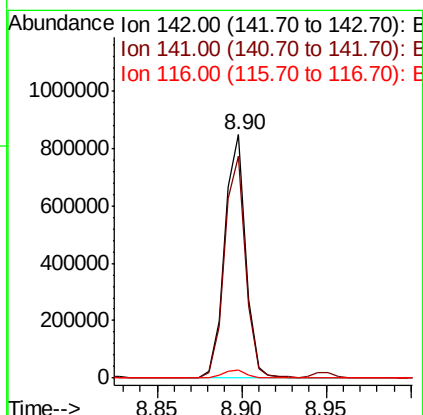
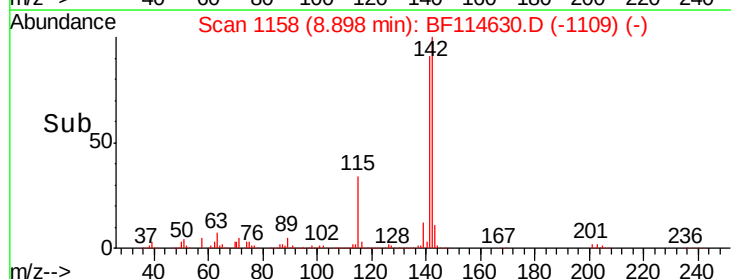
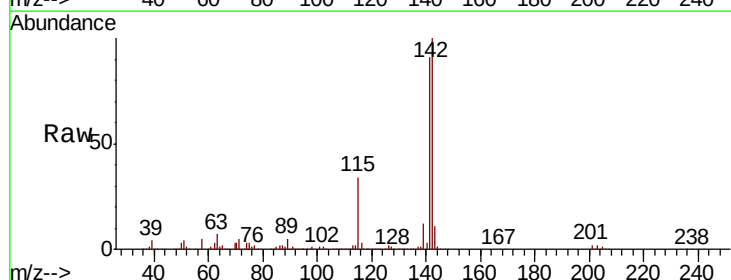
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

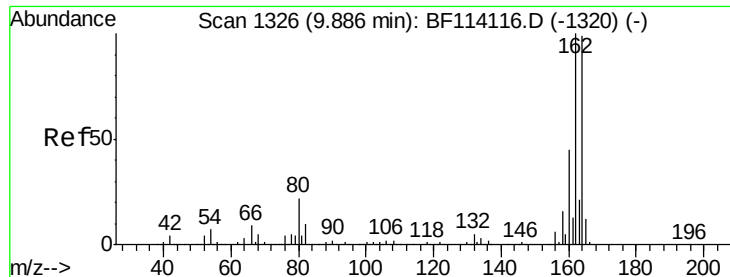
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.1	108.1
115	33.4	28.0	42.0



#38
1-Methylnaphthalene
Concen: 43.820 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.4	110.0
116	3.4	3.1	4.7

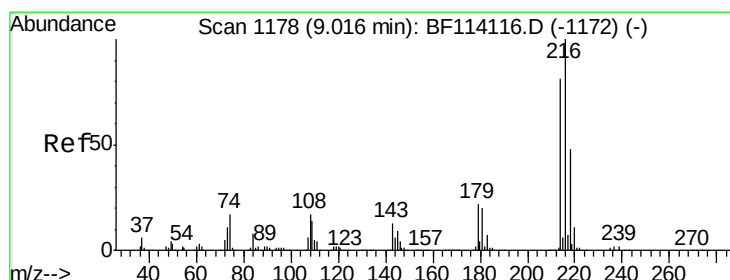
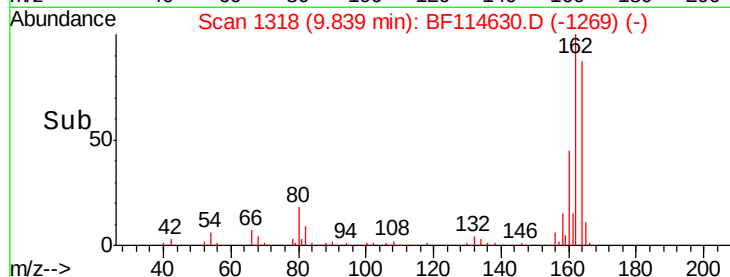
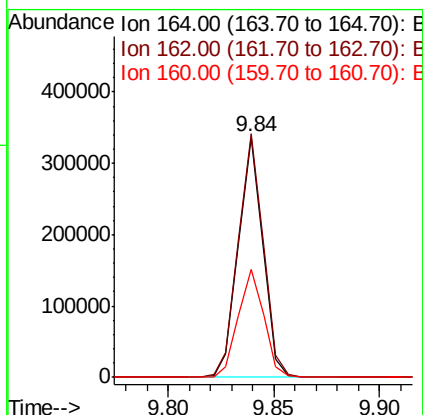
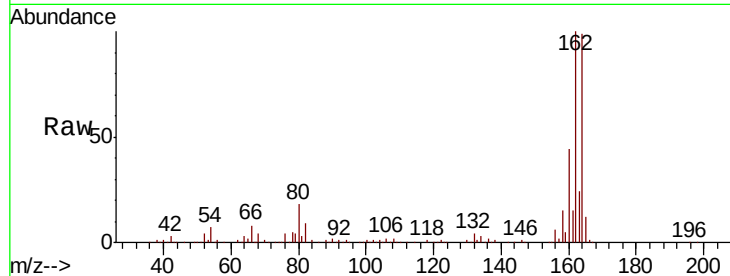




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

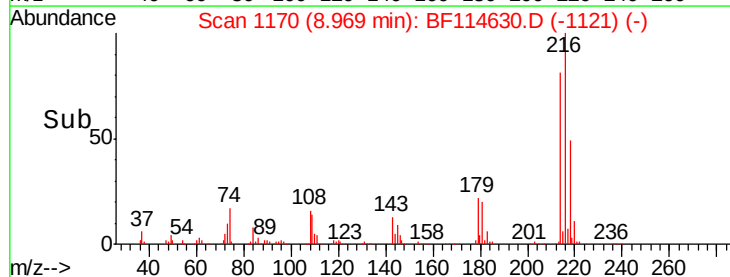
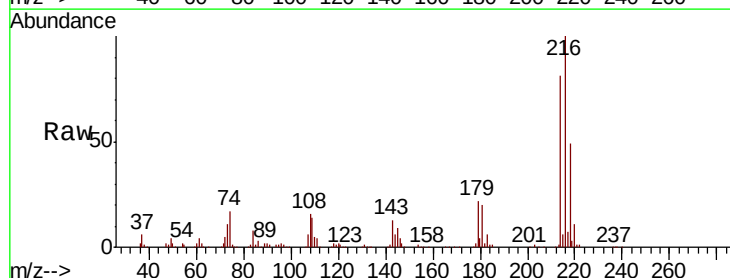
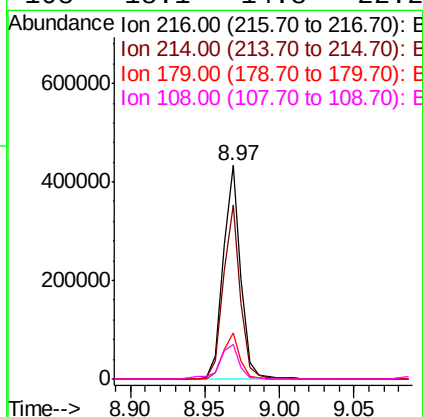
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

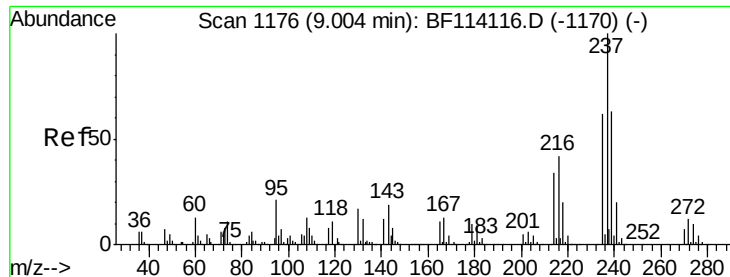
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.0	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.713 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.9	95.9
179	21.3	17.0	25.6
108	18.1	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 34.246 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

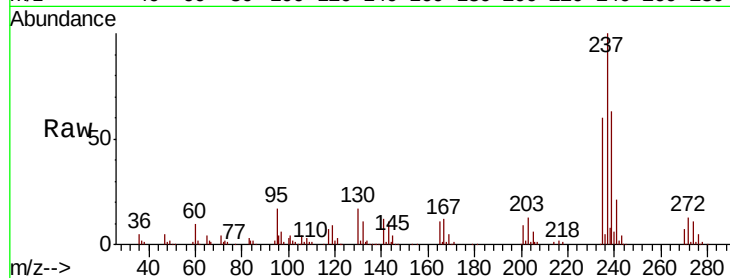
Tot Ion:237 Resp: 120412

Ion Ratio Lower Upper

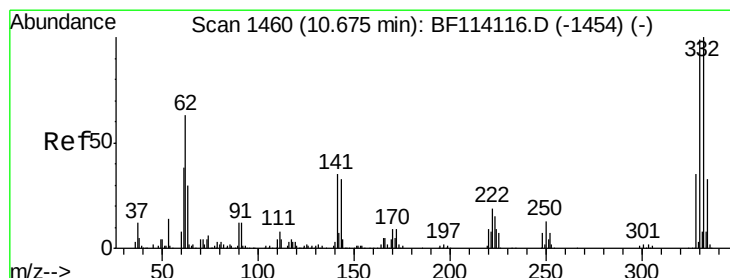
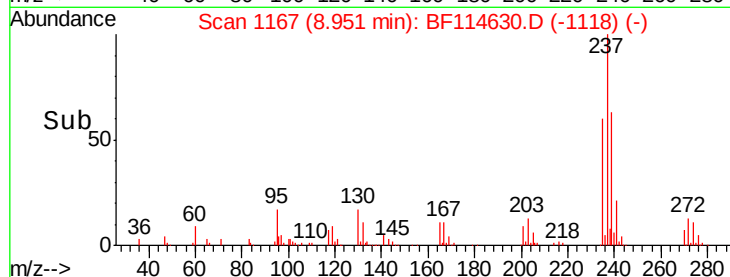
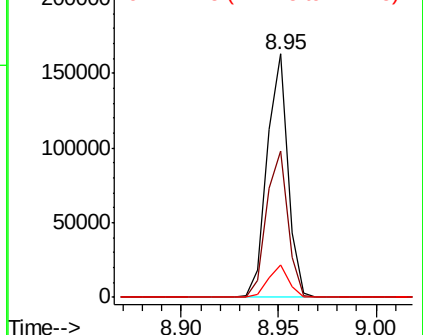
237 100

235 59.9 42.0 82.0

272 13.3 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: 75.676 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

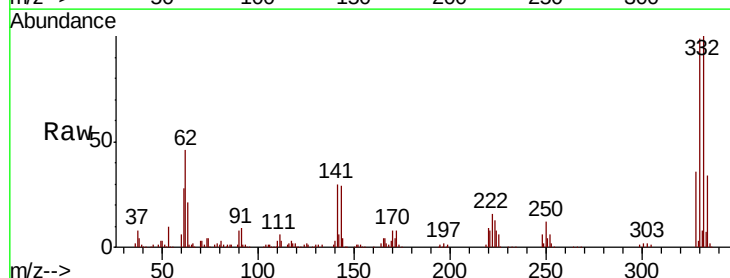
Tgt Ion:330 Resp: 211035

Ion Ratio Lower Upper

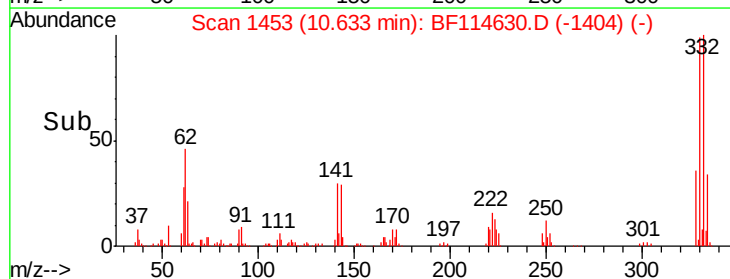
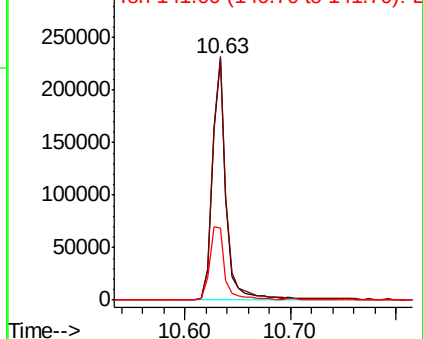
330 100

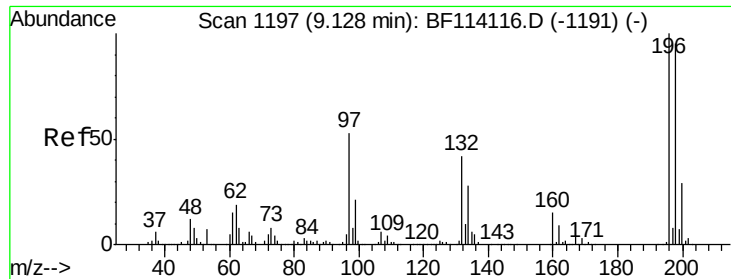
332 103.8 81.4 122.2

141 33.7 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

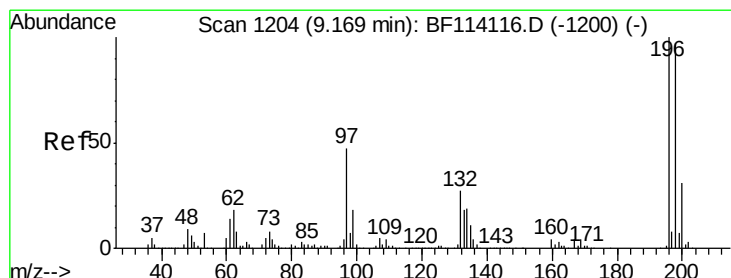
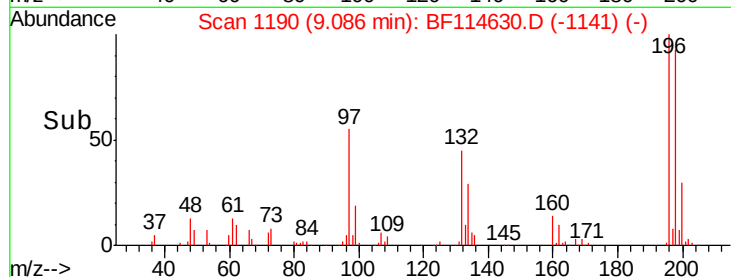
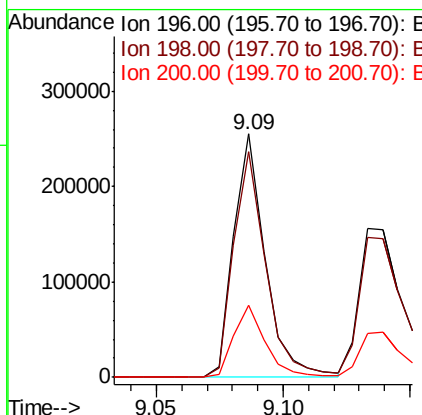
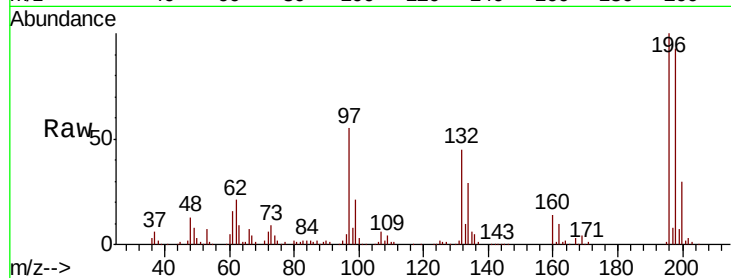




#43
 2,4,6-Trichlorophenol
 Concen: 39.348 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

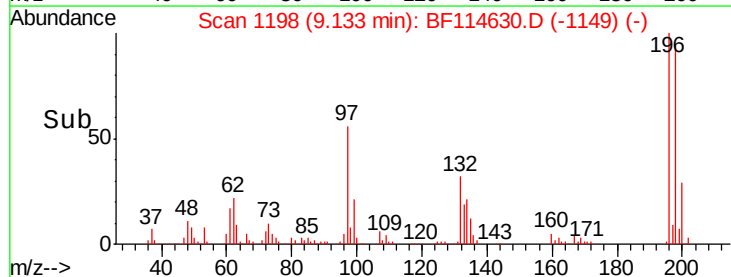
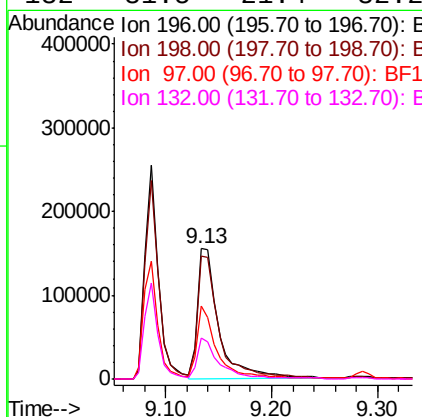
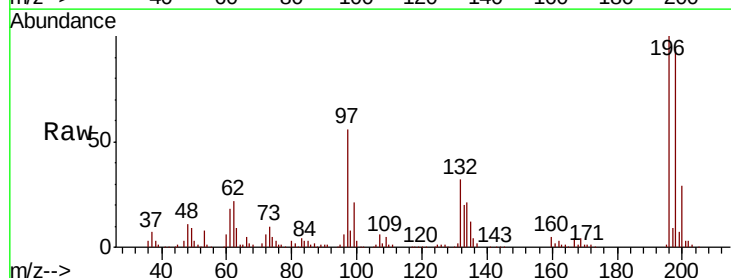
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

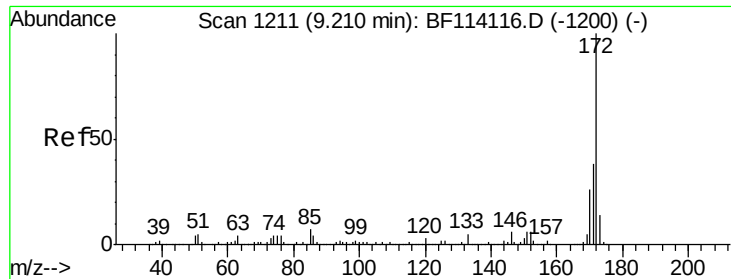
Tot Ion:196 Resp: 221149
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.9 113.9
 200 29.6 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.264 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion:196 Resp: 214785
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.7 116.5
 97 55.8 38.2 57.2
 132 31.5 21.4 32.2

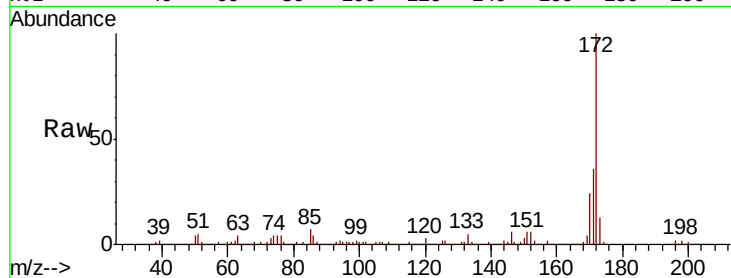




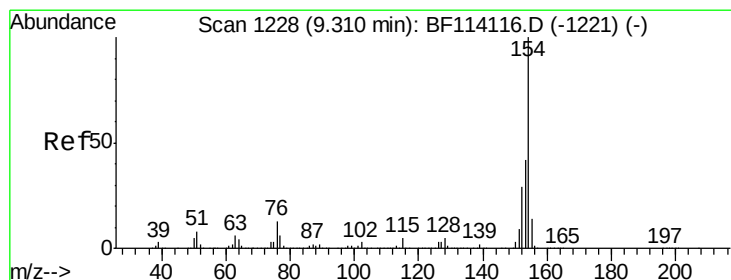
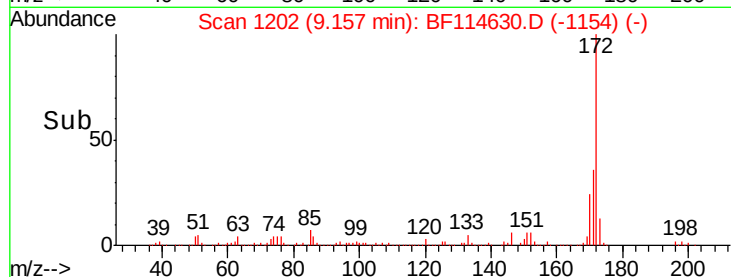
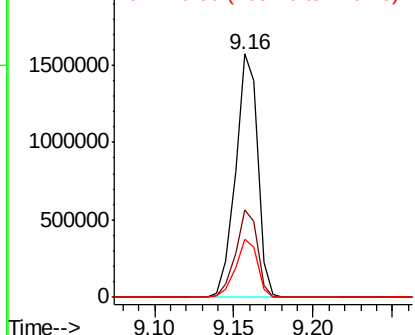
#45
 2-Fluorobiphenyl
 Concen: 85.414 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:172 Resp: 1523112
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 23.6 20.5 30.7

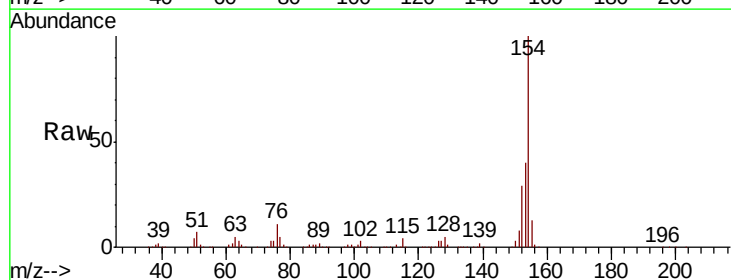


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

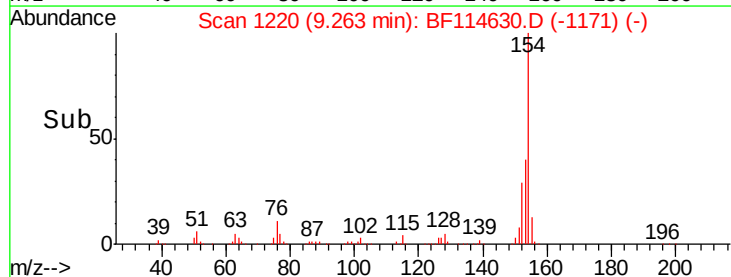
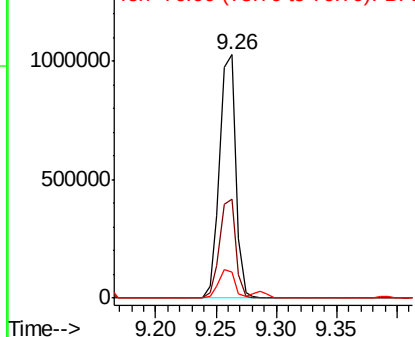


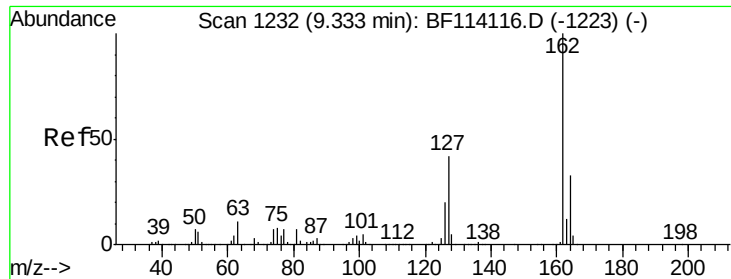
#46
 1,1'-Biphenyl
 Concen: 43.704 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion:154 Resp: 952377
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.9 61.9
 76 10.6 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

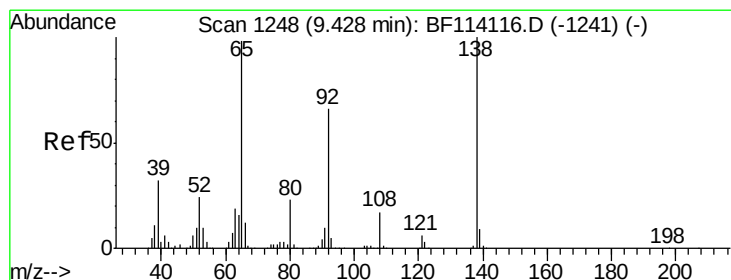
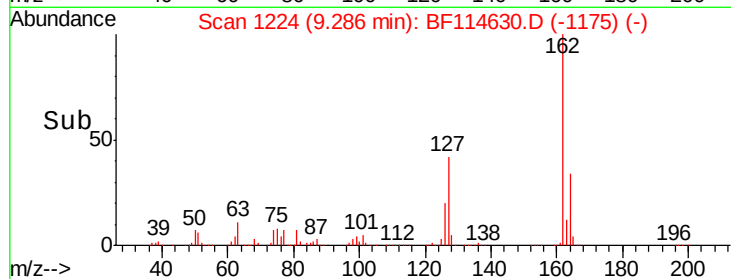
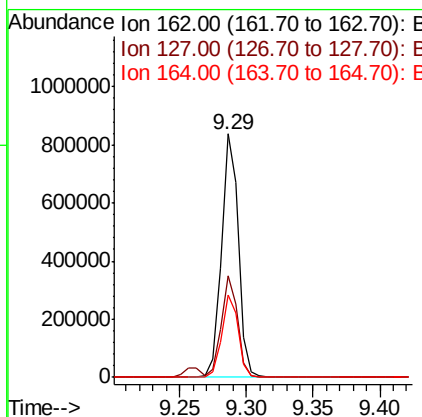
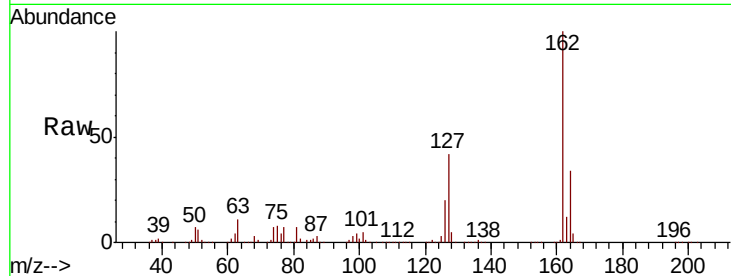




#47
 2-Chloronaphthalene
 Concen: 42.854 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

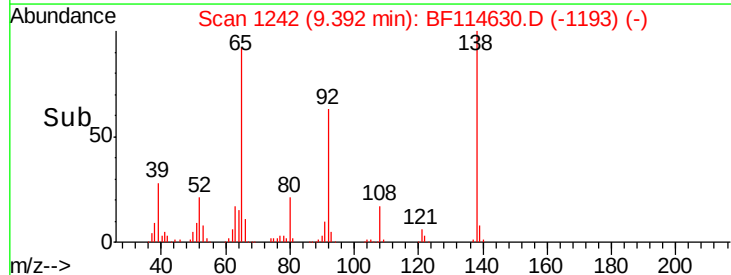
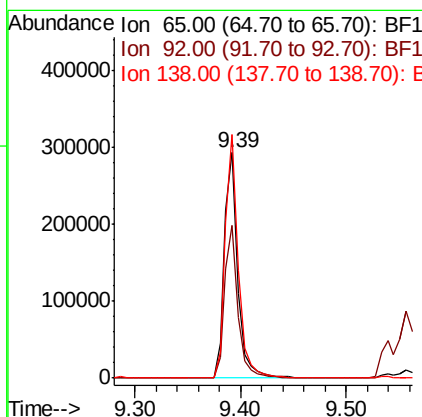
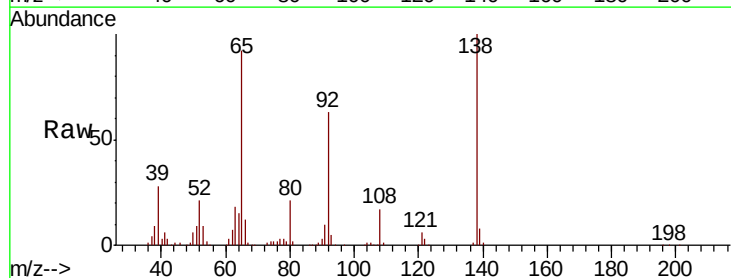
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

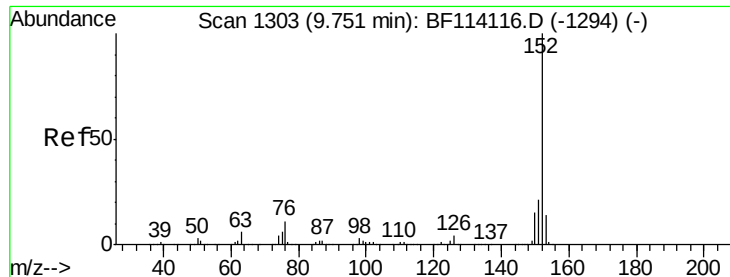
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	33.7	26.7	40.1



#48
 2-Nitroaniline
 Concen: 42.225 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.9	80.9
138	108.1	81.4	122.0





#49

Acenaphthylene

Concen: 42.530 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

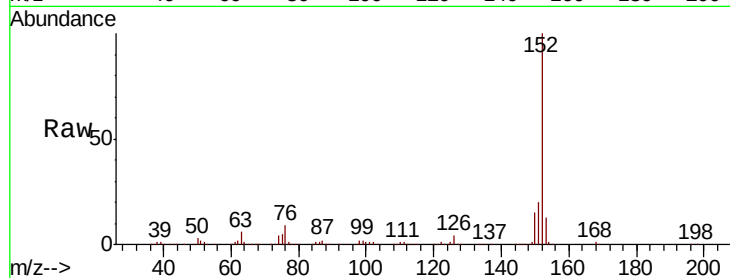
Tot Ion:152 Resp: 1134414

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

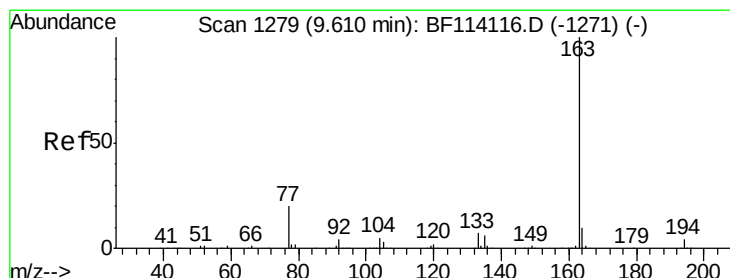
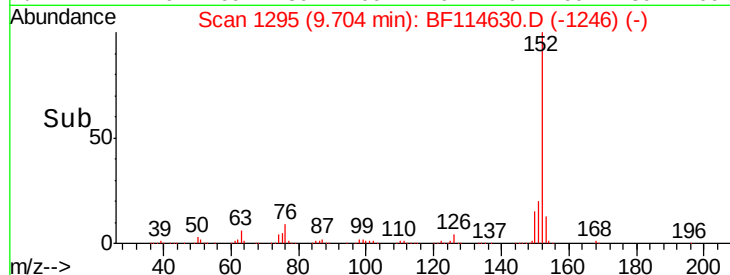
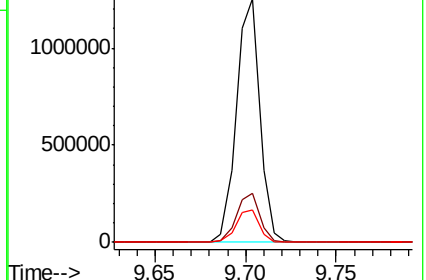
153 13.4 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.302 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

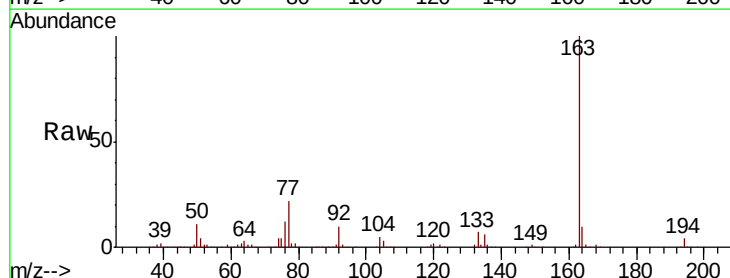
Tgt Ion:163 Resp: 817835

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

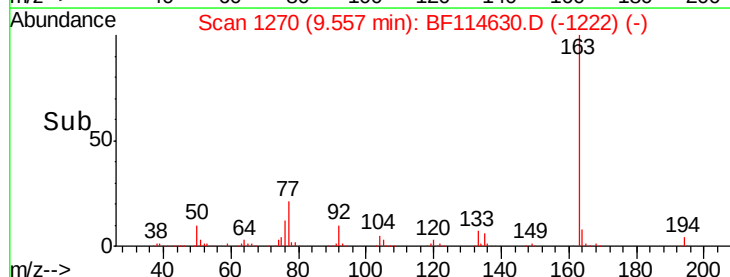
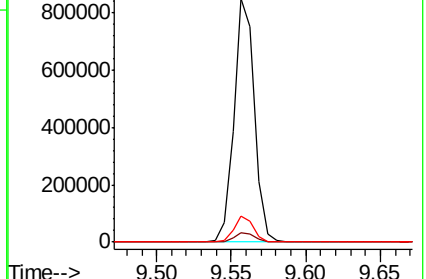
164 10.4 8.2 12.2

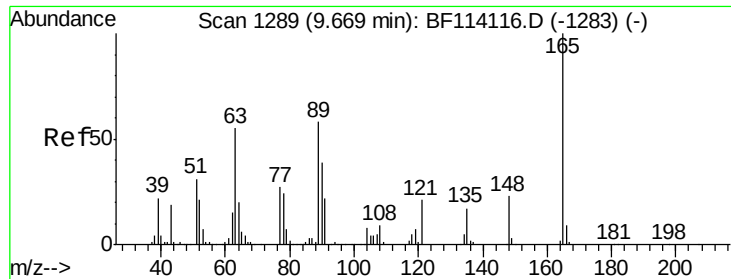


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

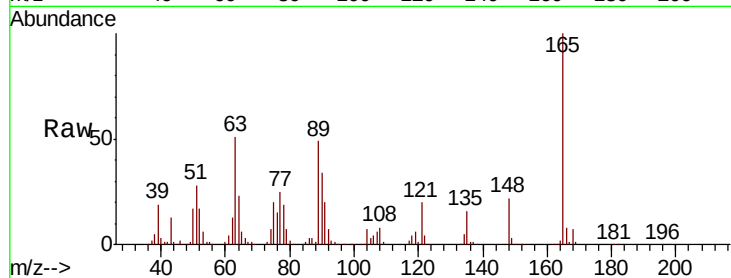




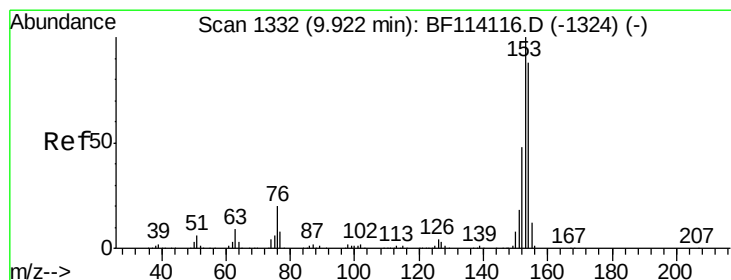
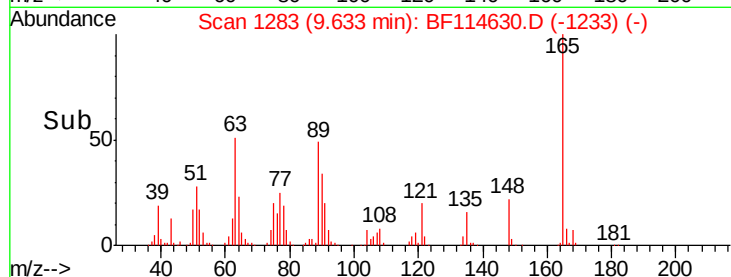
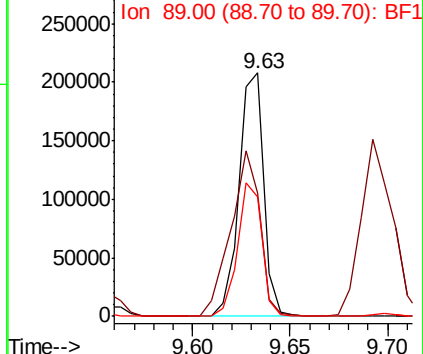
#51
 2,6-Dinitrotoluene
 Concen: 41.451 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:165 Resp: 182051
 Ion Ratio Lower Upper
 165 100
 63 50.6 50.2 75.4
 89 49.1 46.6 69.8

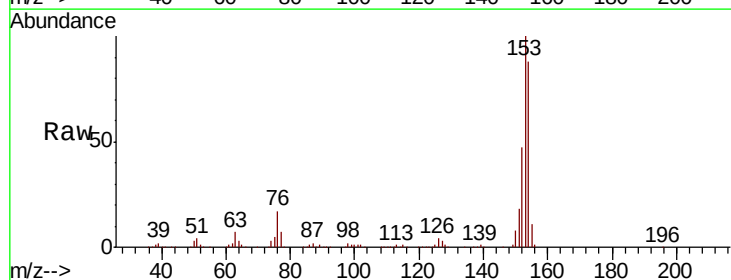


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

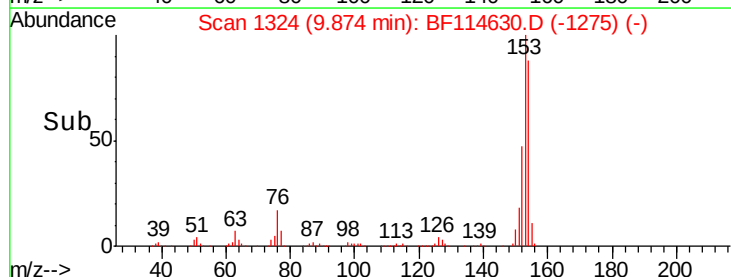
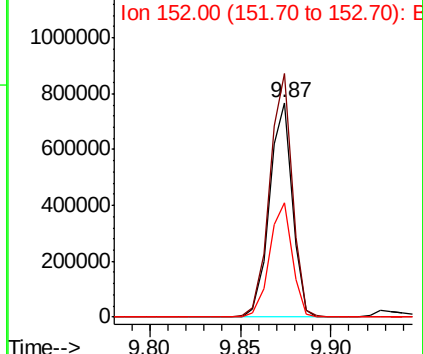


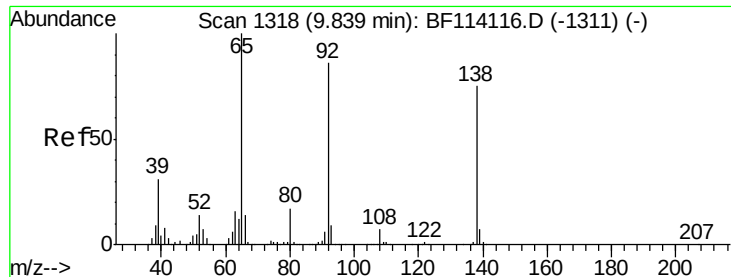
#52
 Acenaphthene
 Concen: 41.167 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion:154 Resp: 673814
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.5 135.7
 152 53.5 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

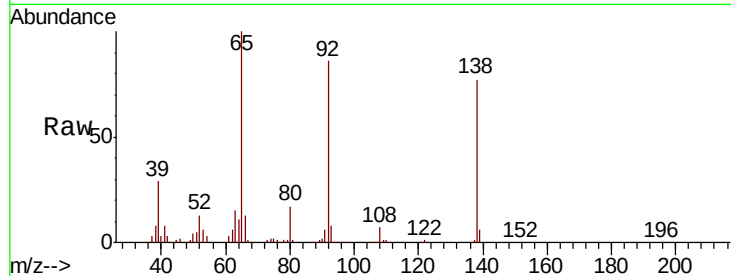




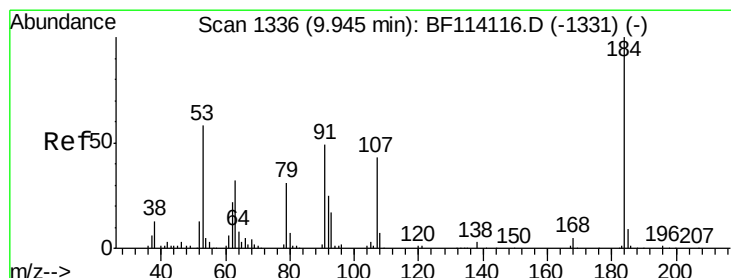
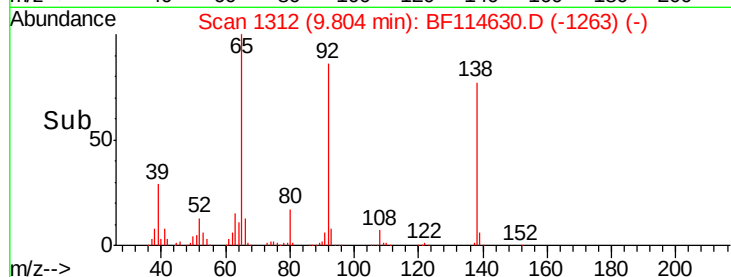
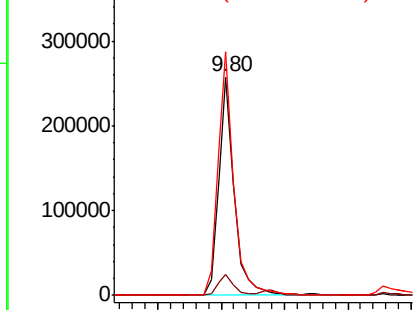
#53
3-Nitroaniline
Concen: 40.958 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 223302
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 111.4 91.2 136.8

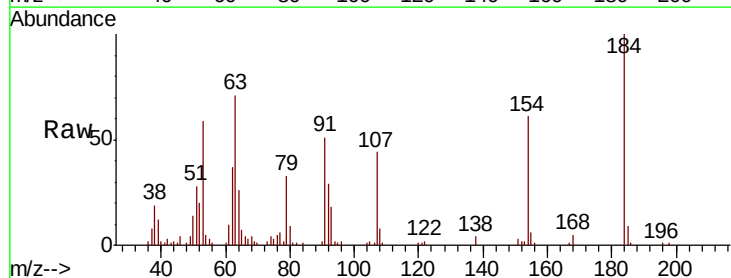


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

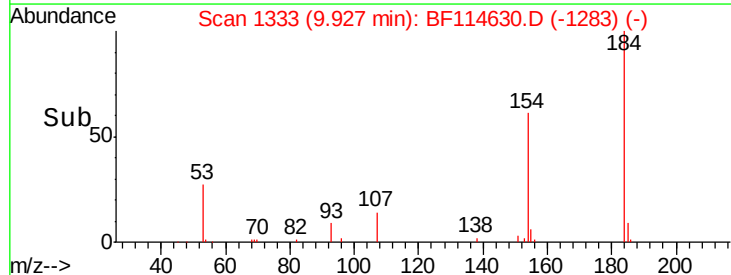
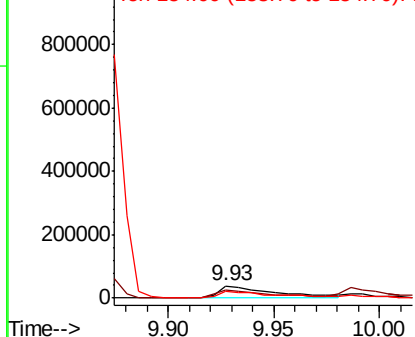


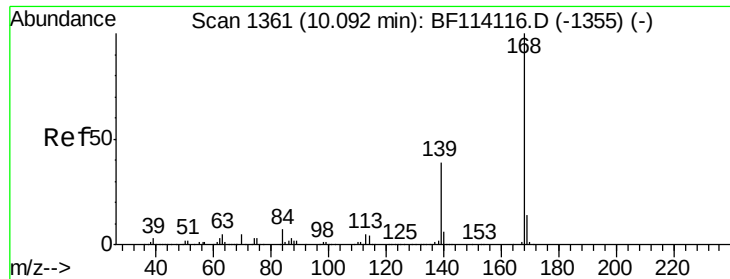
#54
2,4-Dinitrophenol
Concen: 36.485 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion:184 Resp: 71726
Ion Ratio Lower Upper
184 100
63 70.7 55.6 83.4
154 61.0 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: 40.109 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

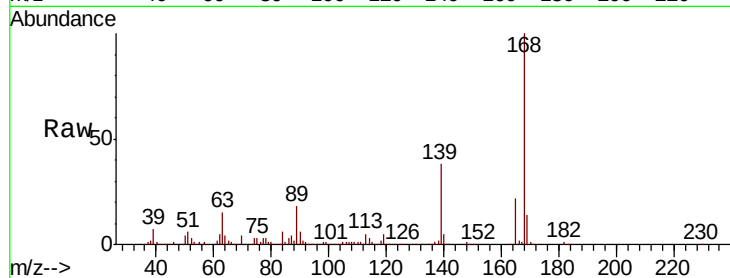
Tot Ion:168 Resp: 962666

Ion Ratio Lower Upper

168 100

139 38.5 31.1 46.7

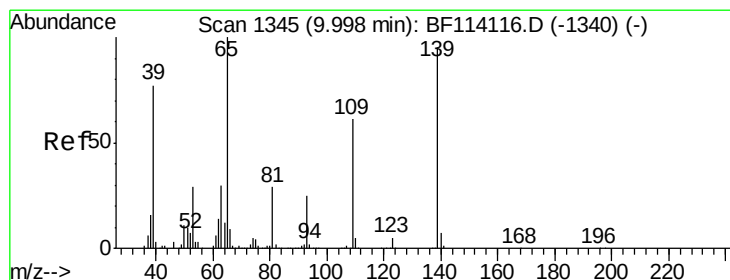
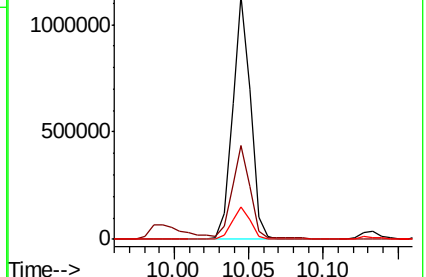
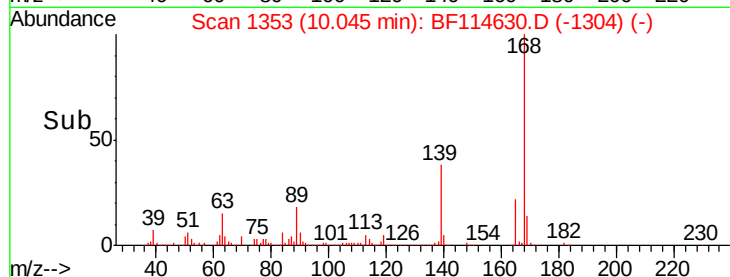
169 13.6 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 28.992 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

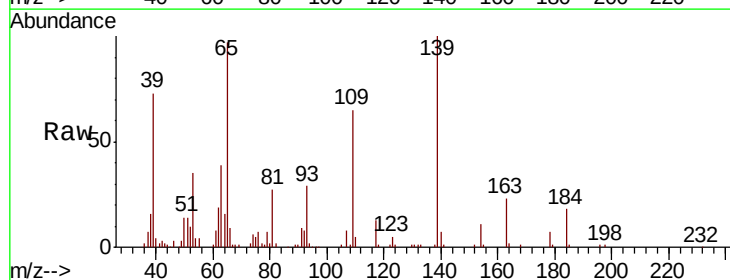
Tgt Ion:139 Resp: 111779

Ion Ratio Lower Upper

139 100

109 64.9 43.9 83.9

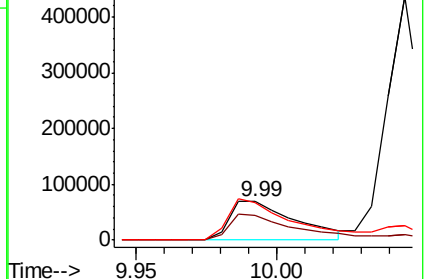
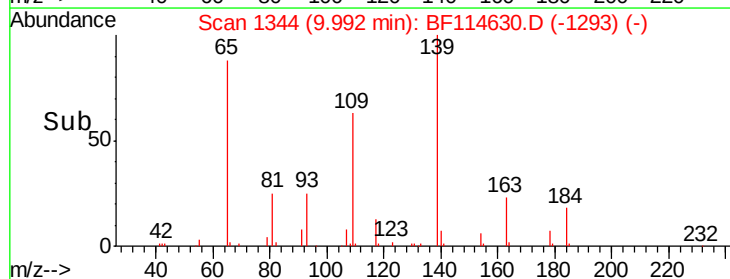
65 96.6 85.7 125.7

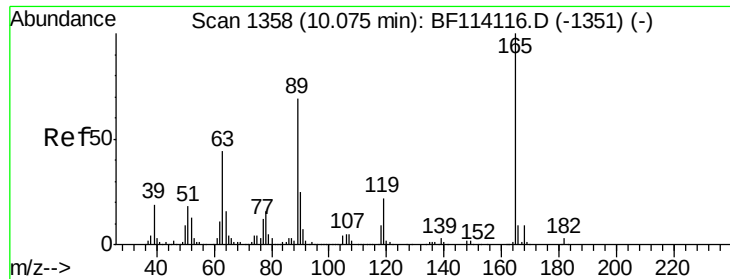


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 37.913 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 226006

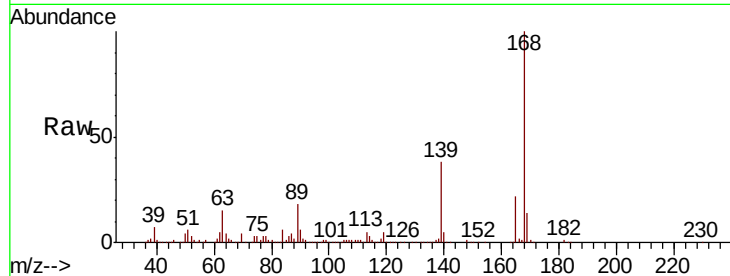
Ion Ratio Lower Upper

165 100

63 67.6 35.5 53.3#

89 80.1 55.2 82.8

182 2.4 2.2 3.2

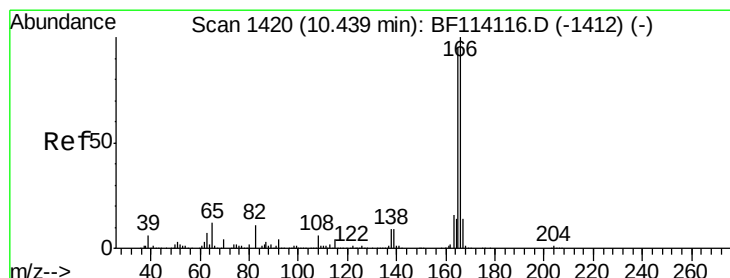
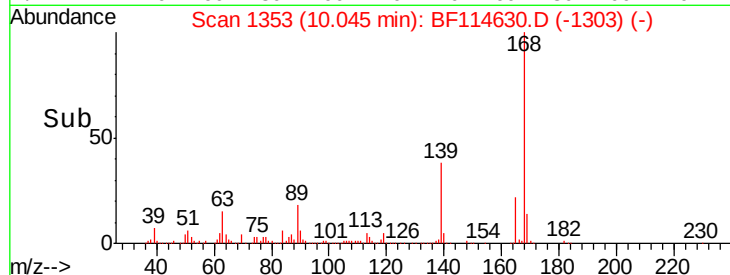
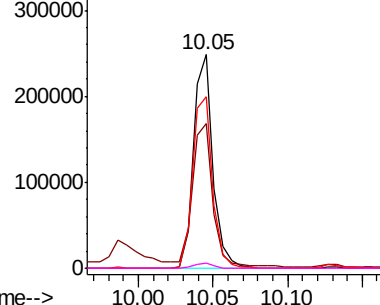


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.906 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

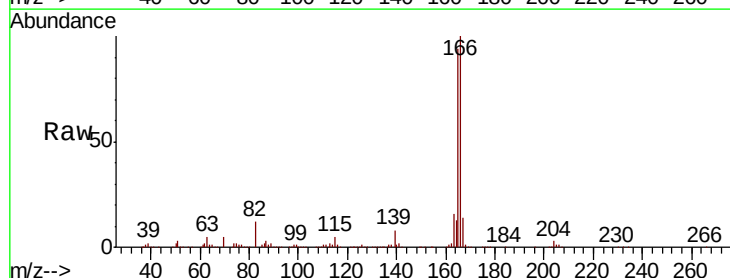
Tgt Ion:166 Resp: 795421

Ion Ratio Lower Upper

166 100

165 93.9 76.1 114.1

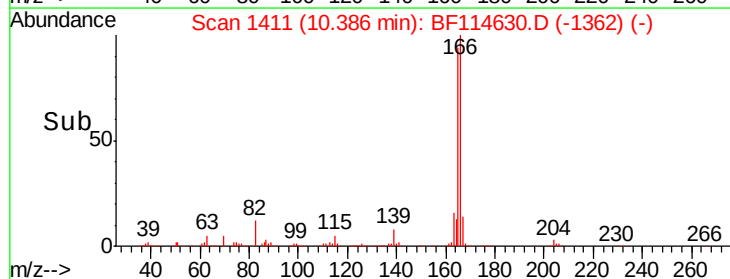
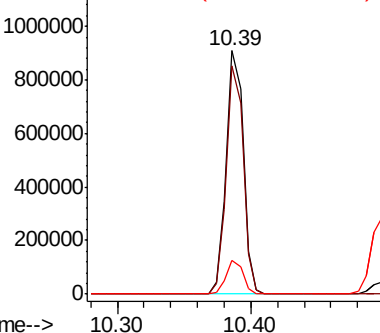
167 13.6 11.1 16.7

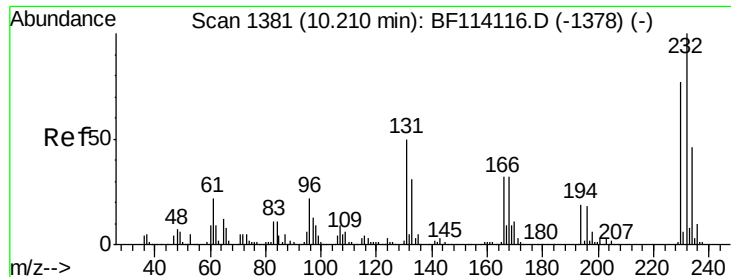


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

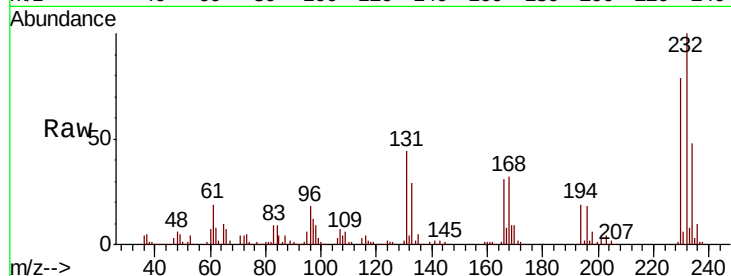




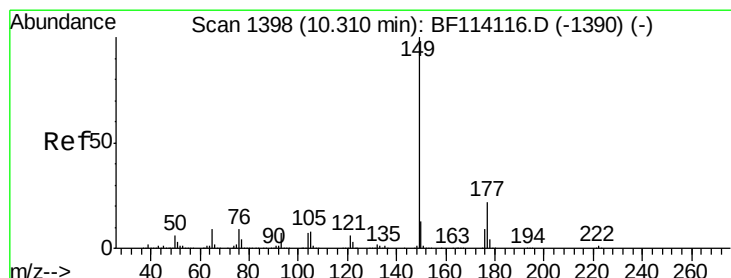
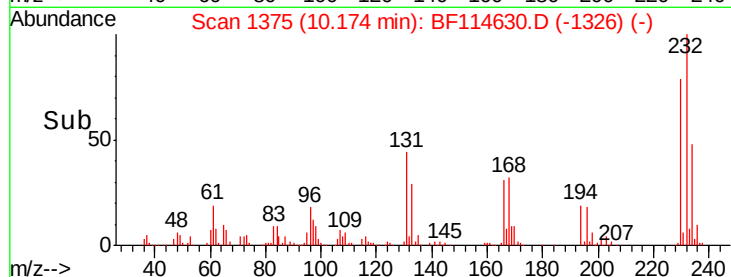
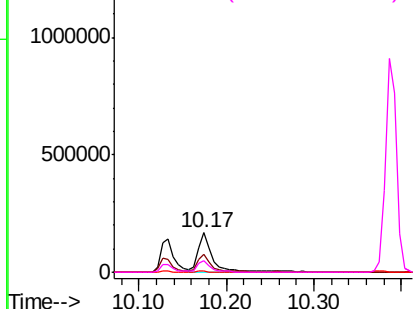
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.770 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	232	Resp:	187839
Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.6	53.4
130	2.1	1.6	2.4
166	29.0	24.1	36.1

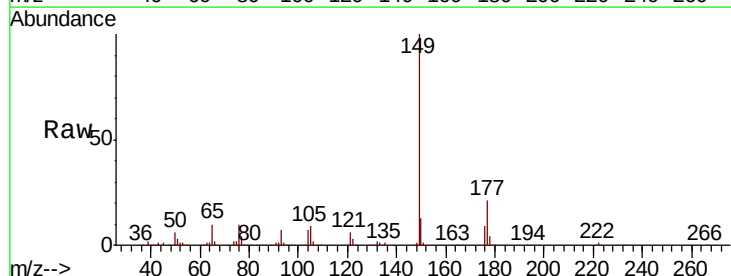


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

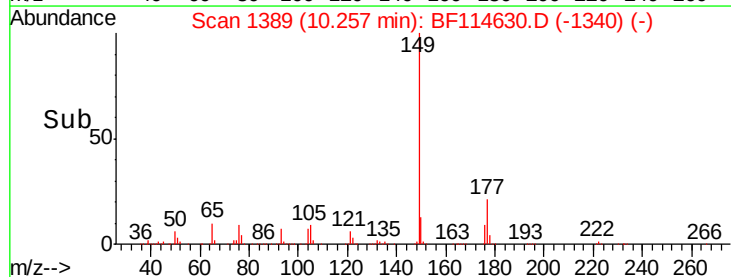
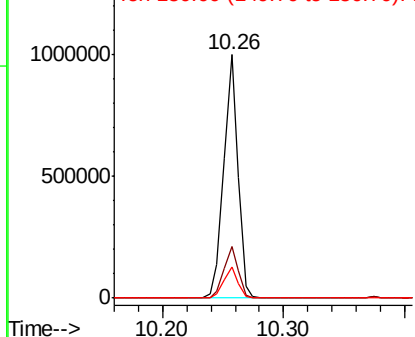


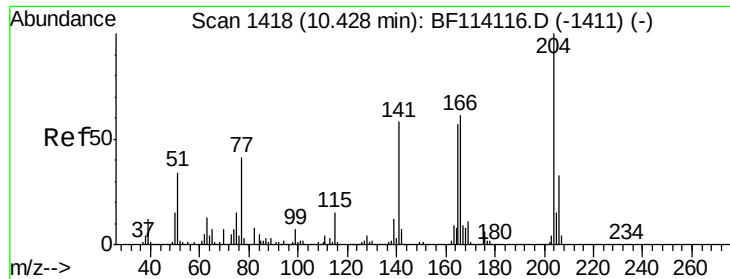
#60
Diethylphthalate
Concen: 40.190 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion:	149	Resp:	808613
Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.8	26.6
150	12.8	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

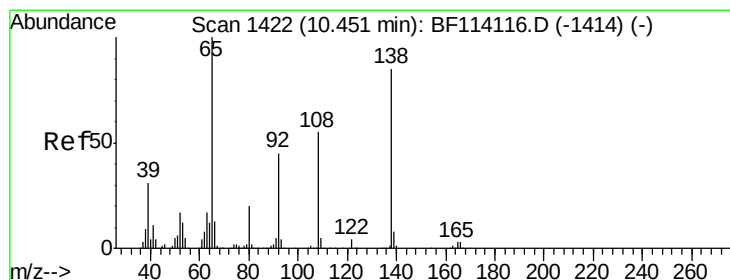
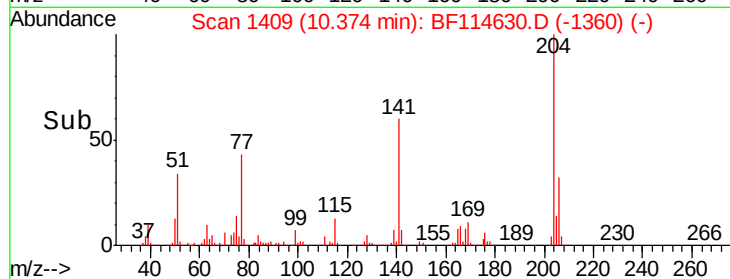
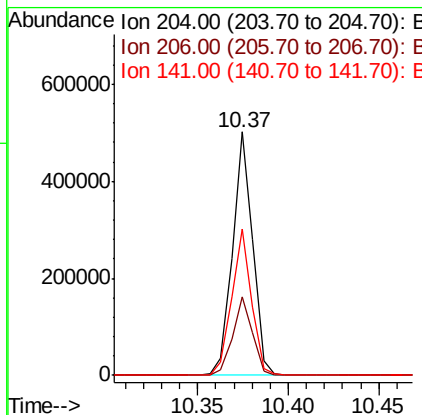
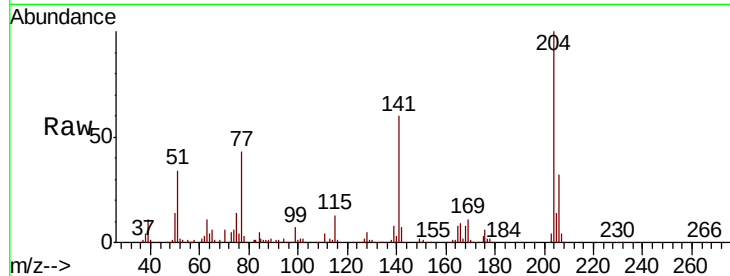




#61
 4-Chlorophenyl-phenylether
 Concen: 42.562 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

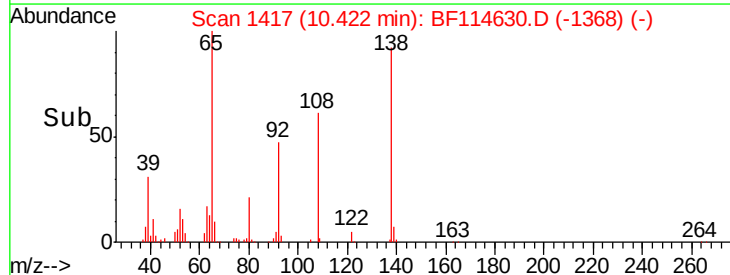
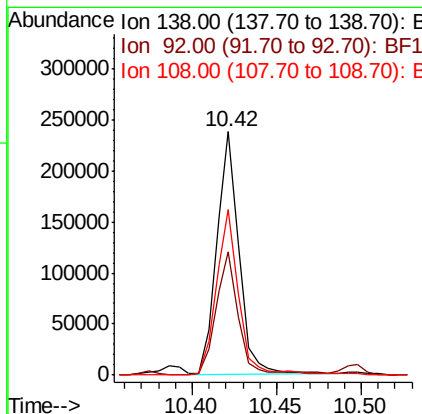
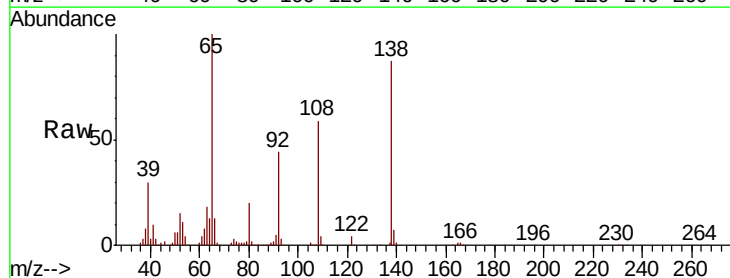
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

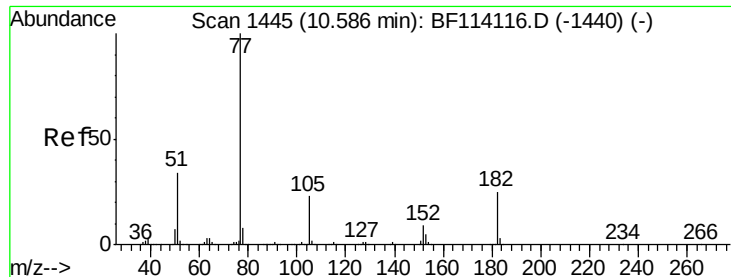
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	60.0	46.4	69.6



#62
 4-Nitroaniline
 Concen: 37.717 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	33.0	73.0
108	68.0	44.9	84.9





#63

Azobenzene

Concen: 39.627 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 771719

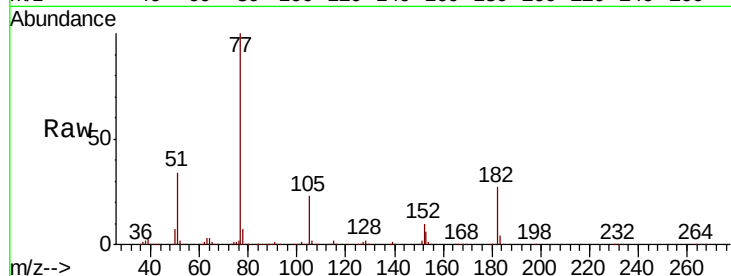
Ion Ratio Lower Upper

77 100

182 27.3 4.7 44.7

105 23.4 2.9 42.9

51 33.5 14.6 54.6

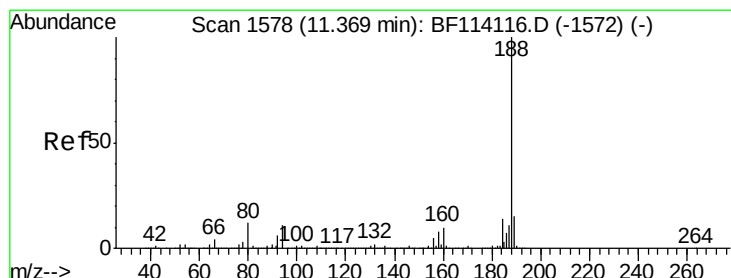
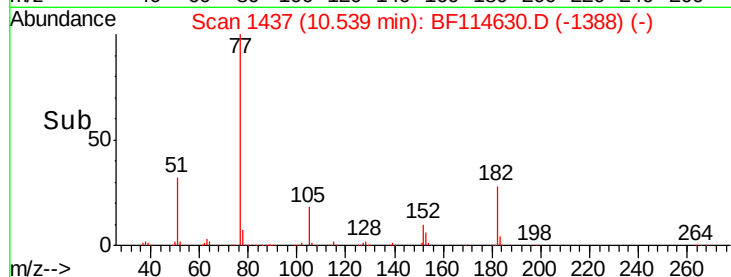
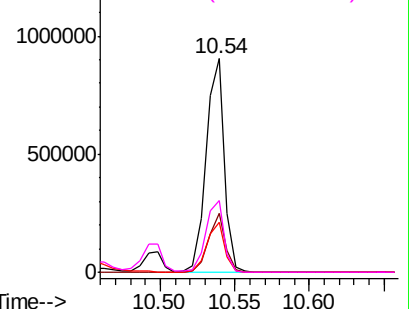


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

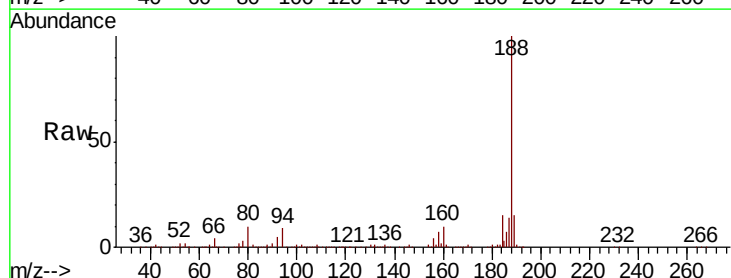
Tgt Ion: 188 Resp: 511338

Ion Ratio Lower Upper

188 100

94 8.9 8.4 12.6

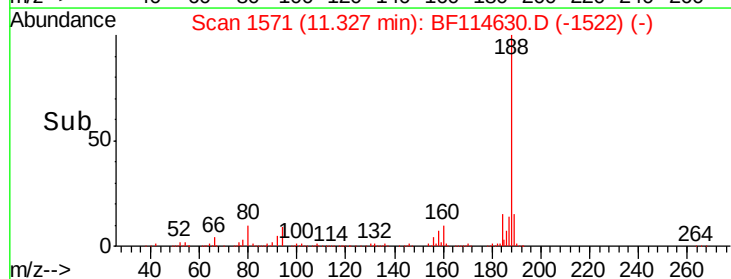
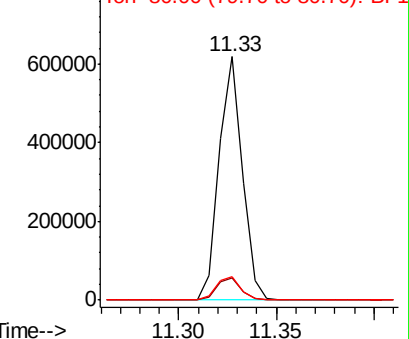
80 9.9 9.2 13.8

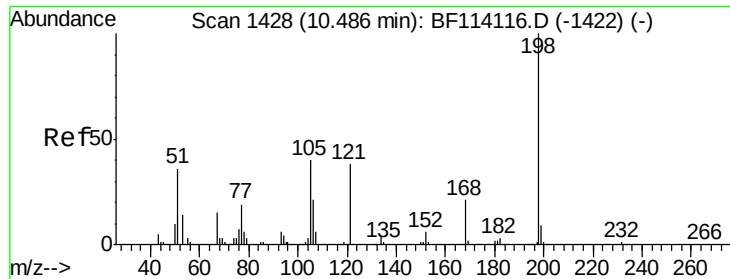


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

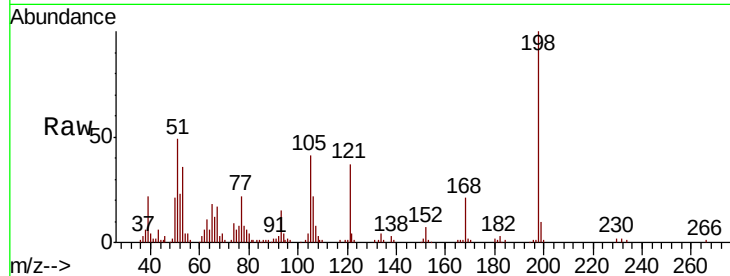




#65
4,6-Dinitro-2-methylphenol
Concen: 42.002 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	198	Resp	103200
Ion Ratio	100	Lower	Upper
51	49.4	28.0	68.0
105	41.5	21.1	61.1

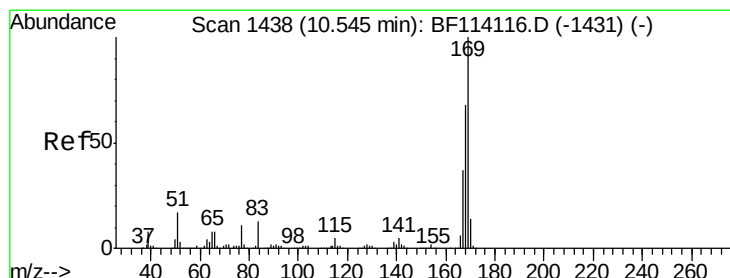
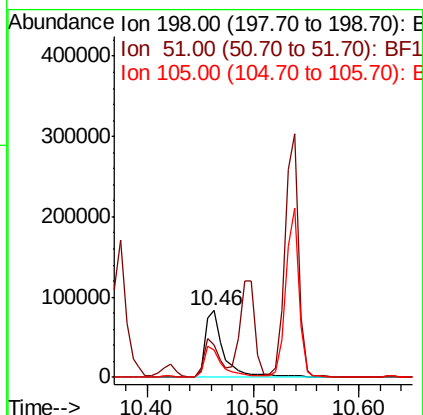
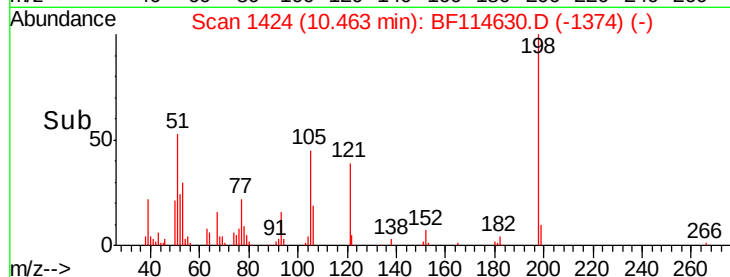


Abundance

Ion 198.00 (197.70 to 198.70): E

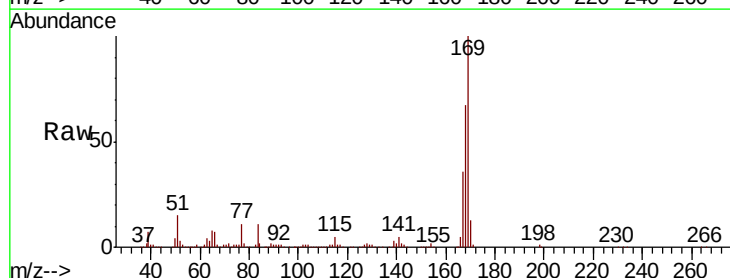
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.998 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	169	Resp	682815
Ion Ratio	100	Lower	Upper
168	66.9	54.2	81.2
167	36.2	29.8	44.8

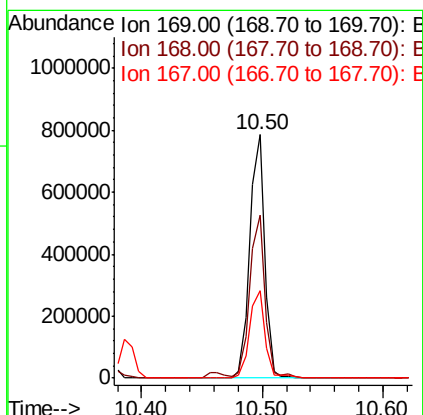
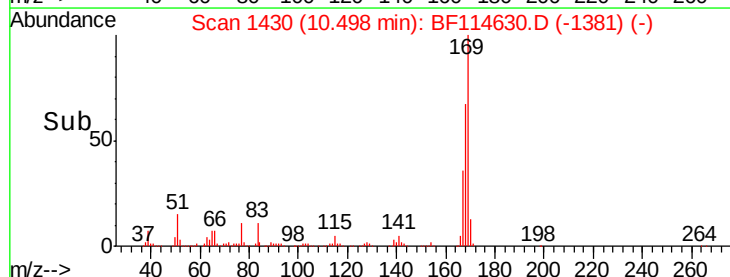


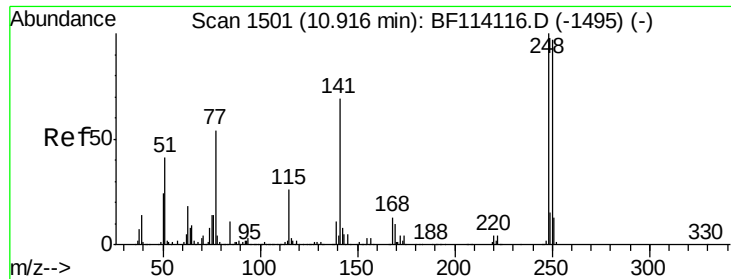
Abundance

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

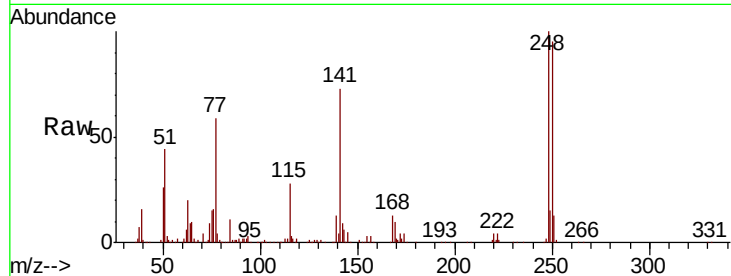




#67
4-Bromophenyl-phenylether
Concen: 42.843 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	77.4	116.2
141	73.4	55.6	83.4

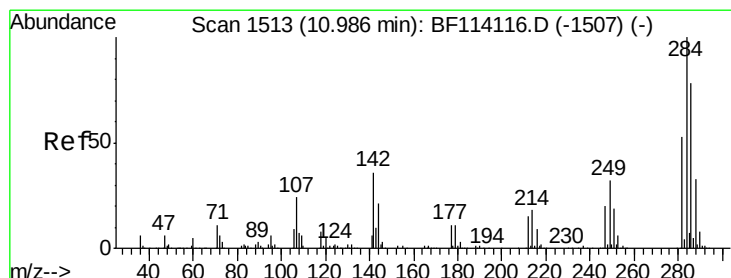
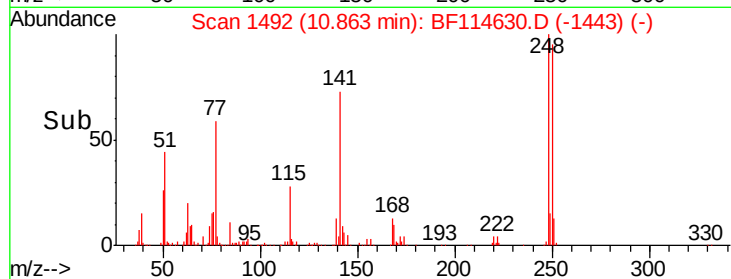
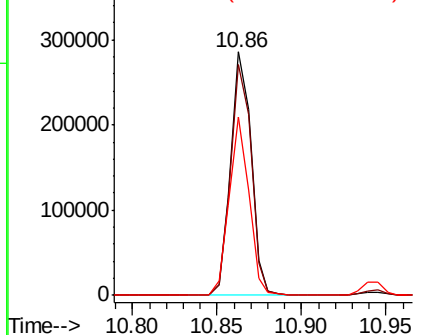


Abundance

Ion 248.00 (247.70 to 248.70): E

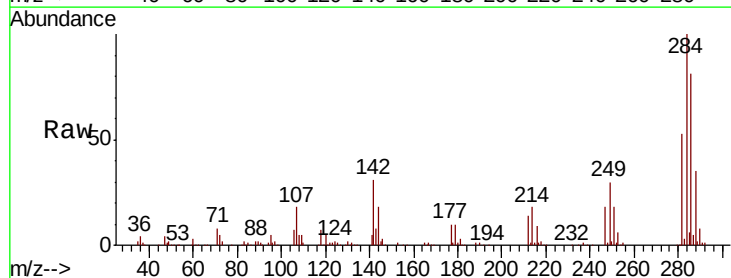
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.867 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	28.4	42.6
249	30.2	25.2	37.8

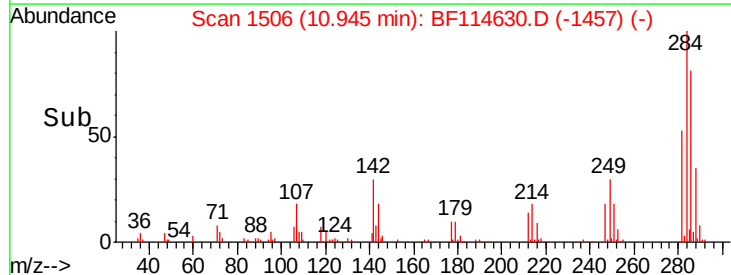
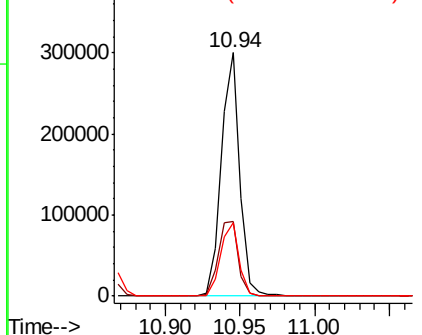


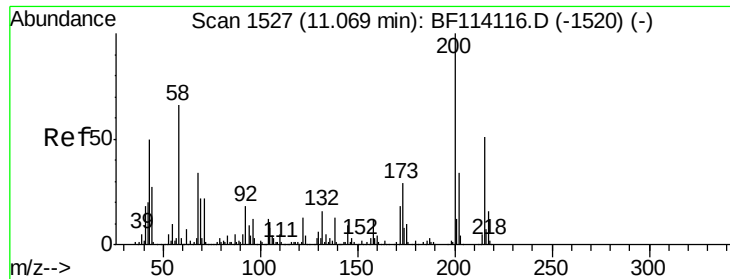
Abundance

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: 41.012 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

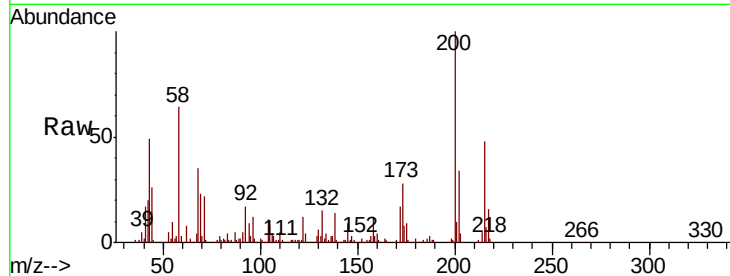
Tot Ion:200 Resp: 198068

Ion Ratio Lower Upper

200 100

173 28.4 8.9 48.9

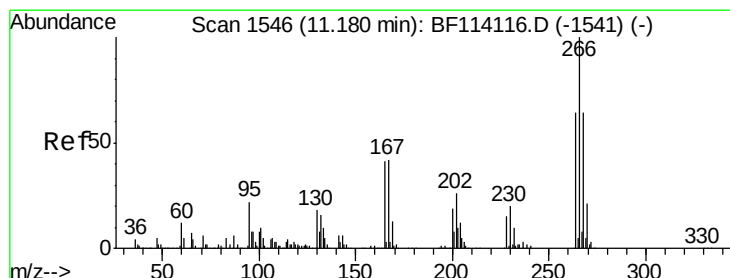
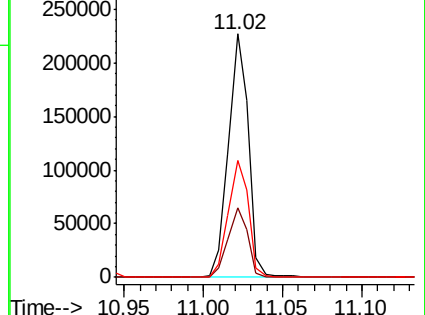
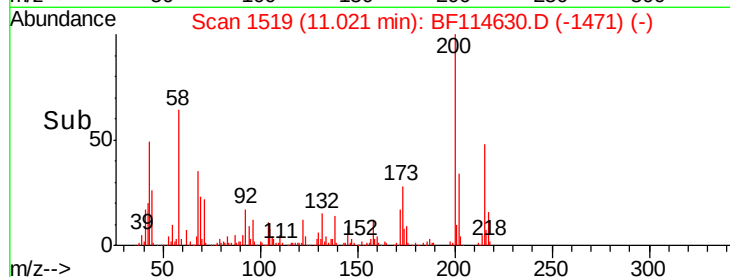
215 48.0 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 29.491 ng

RT: 11.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

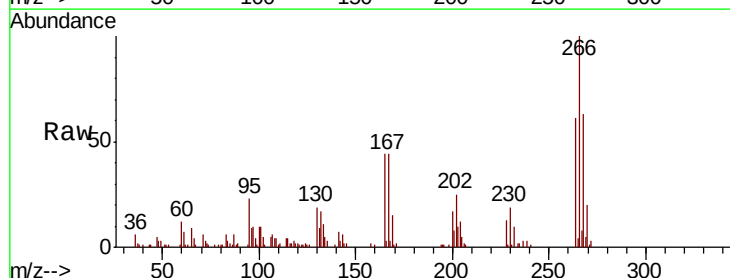
Tgt Ion:266 Resp: 87071

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

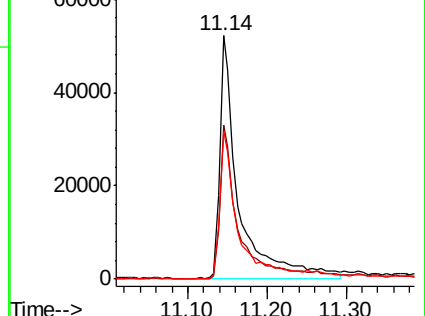
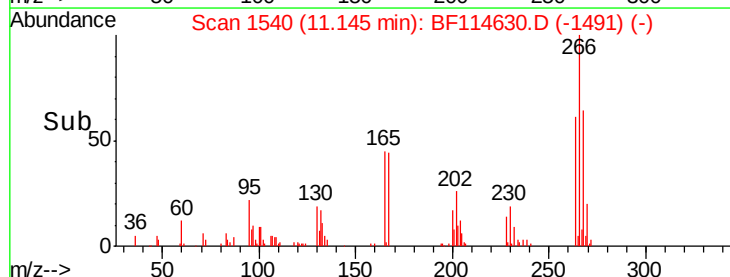
264 60.8 51.1 76.7

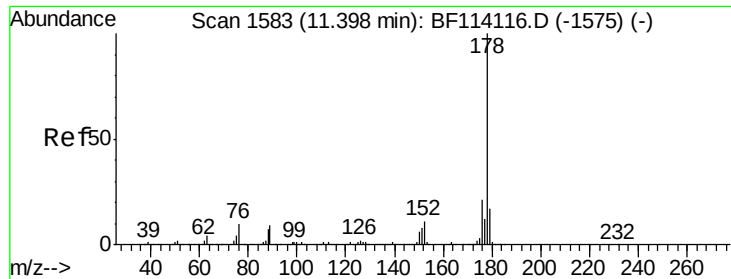


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.763 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

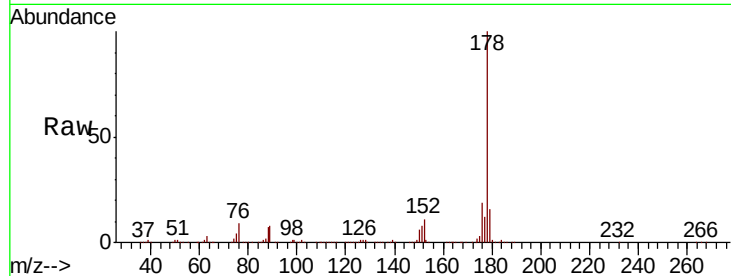
Tot Ion:178 Resp: 1113574

Ion Ratio Lower Upper

178 100

176 19.2 16.4 24.6

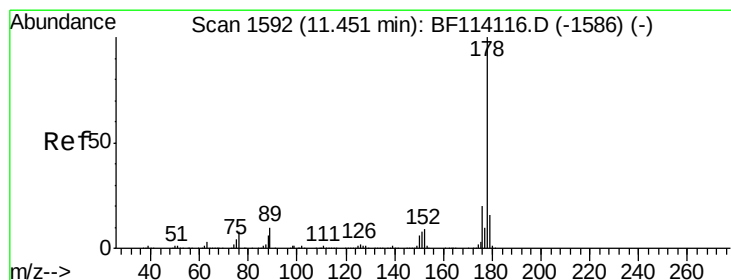
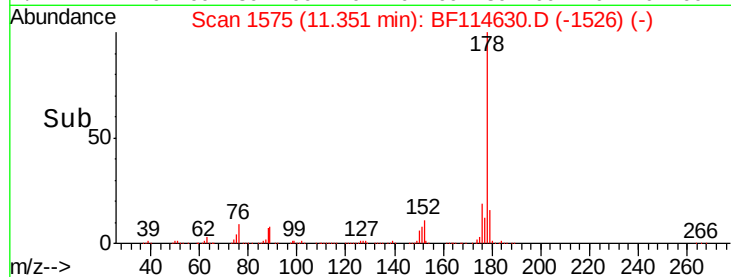
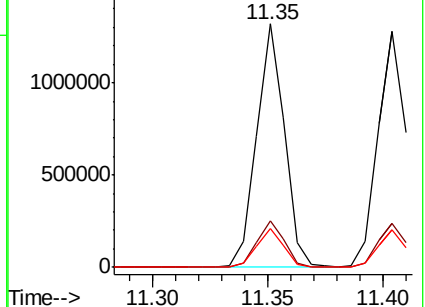
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.813 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

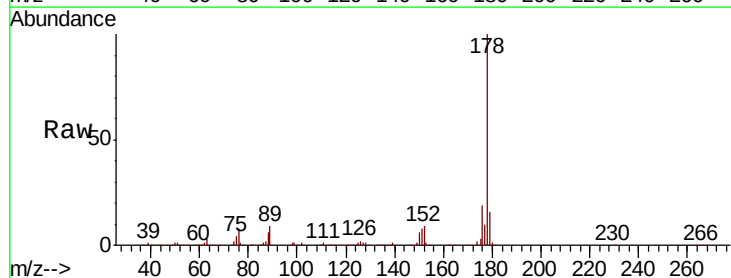
Tgt Ion:178 Resp: 1119749

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

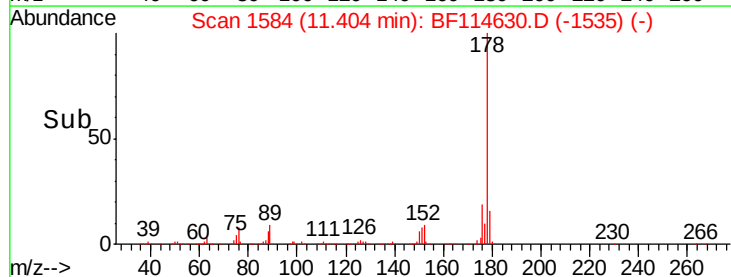
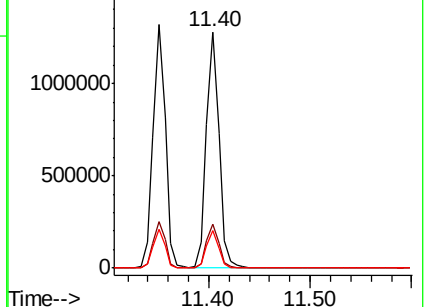
179 16.1 13.0 19.4

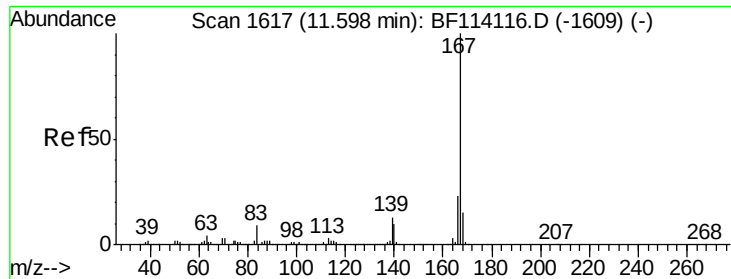


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

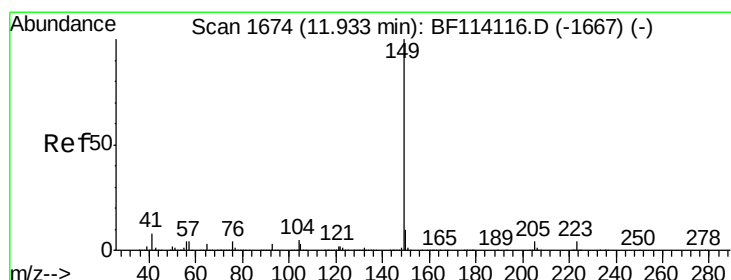
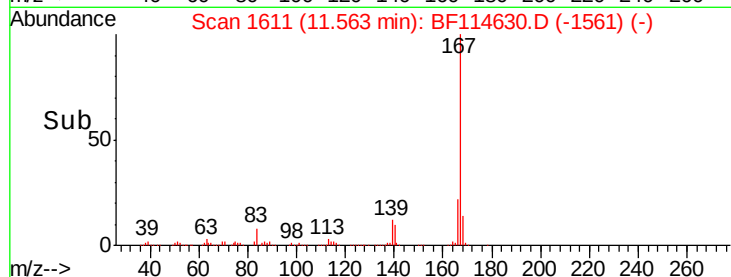
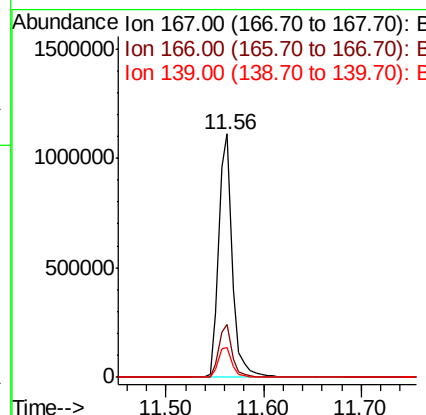
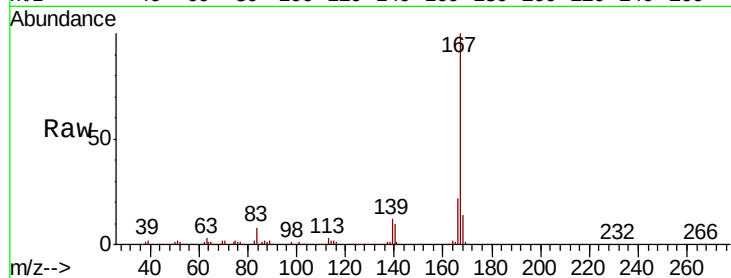




#73
 Carbazole
 Concen: 45.238 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

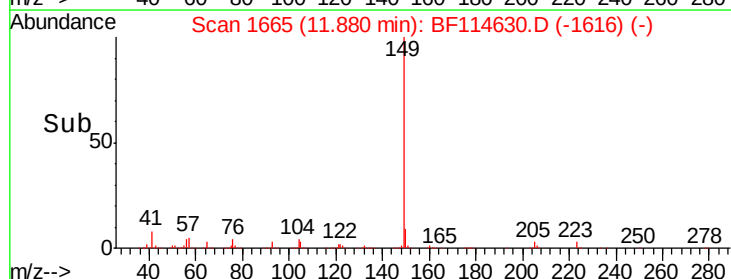
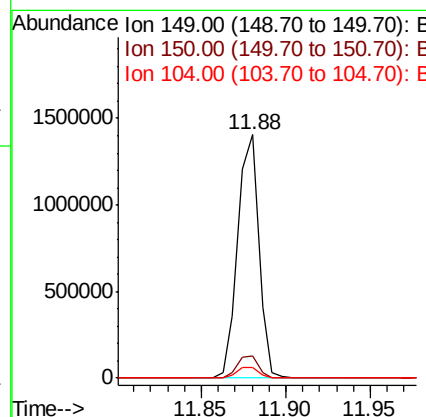
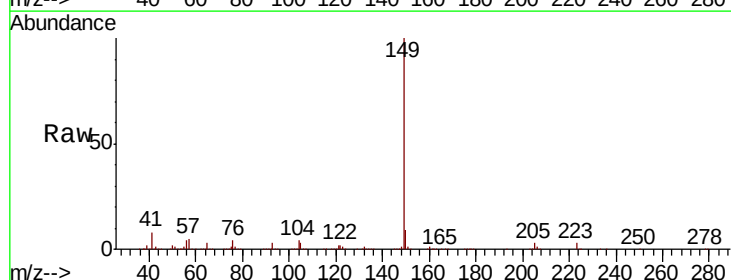
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

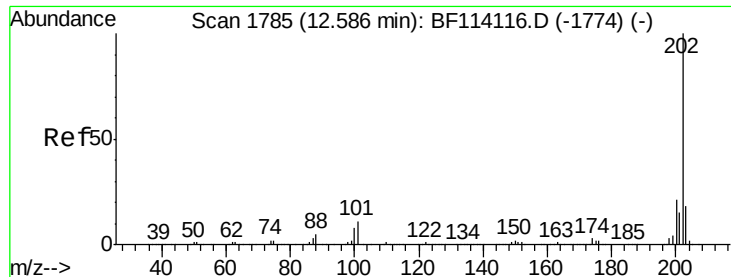
Tot Ion:167 Resp: 1077910
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 12.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.453 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114630.D
 Acq: 26 May 2019 4:33

Tgt Ion:149 Resp: 1220285
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 44.650 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

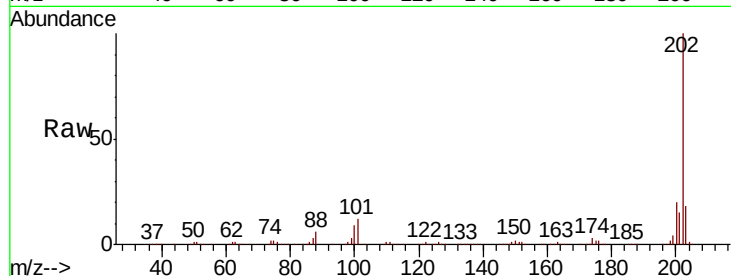
Tot Ion:202 Resp: 1196160

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.0

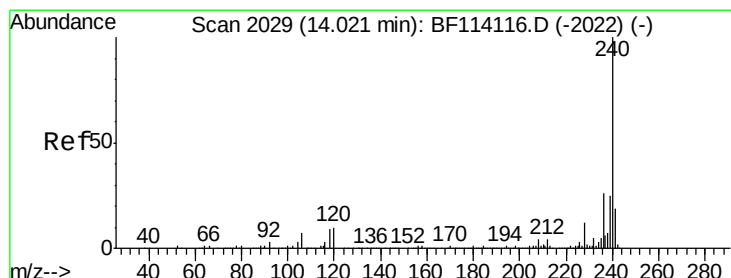
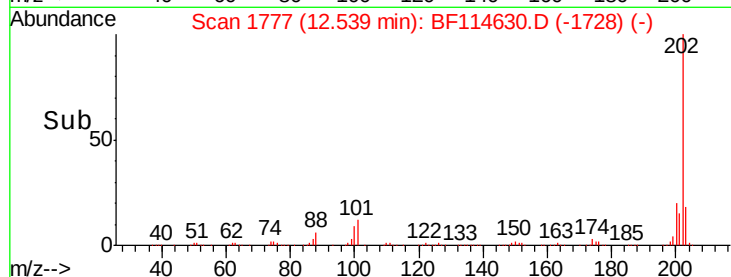
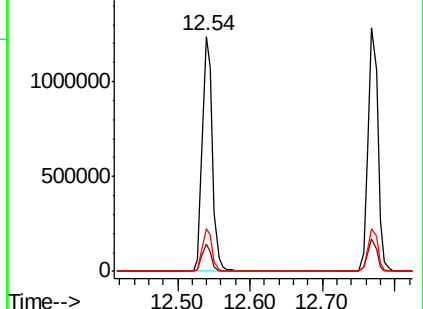
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

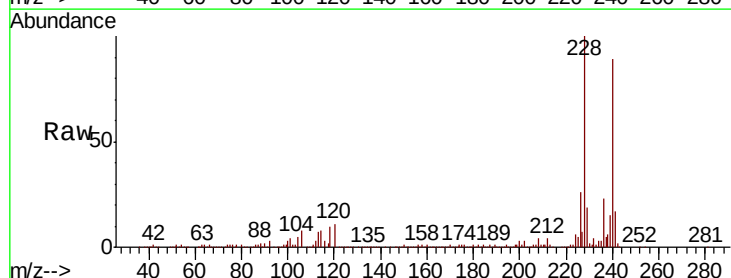
Tgt Ion:240 Resp: 361132

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

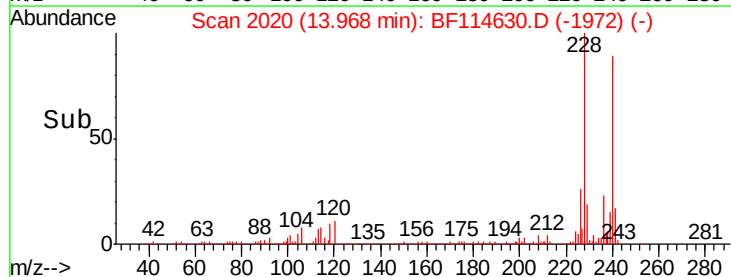
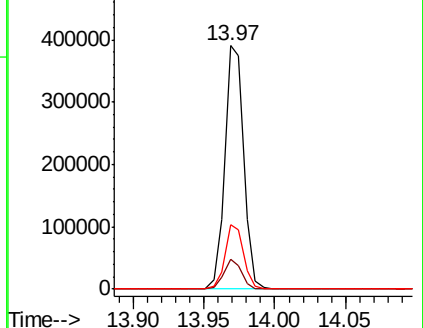
236 26.2 20.8 31.2

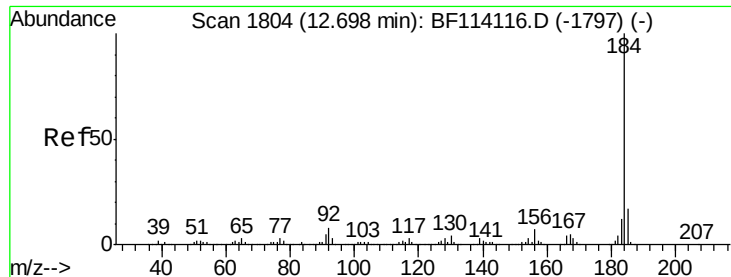


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.174 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

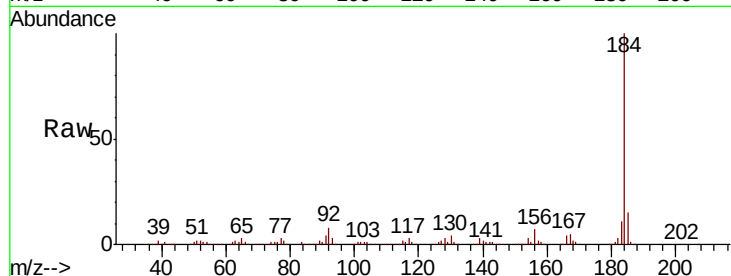
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 537777

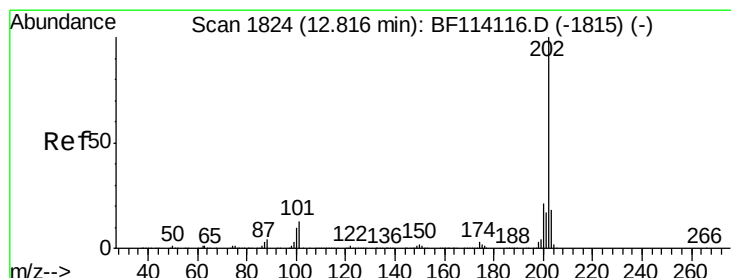
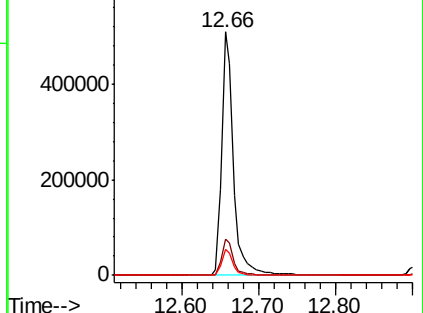
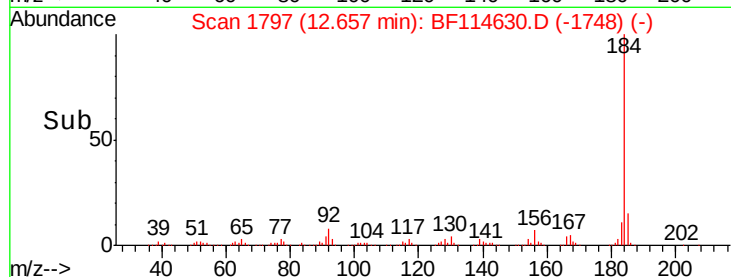
Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.6	20.4
183	10.7	9.2	13.8



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: 41.713 ng

RT: 12.77 min Scan# 1816

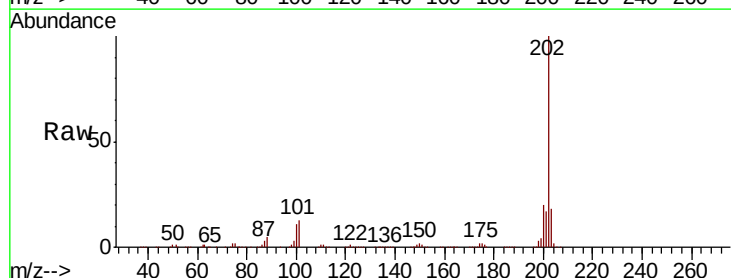
Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:202 Resp: 1211809

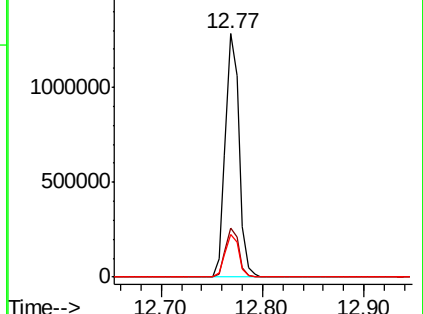
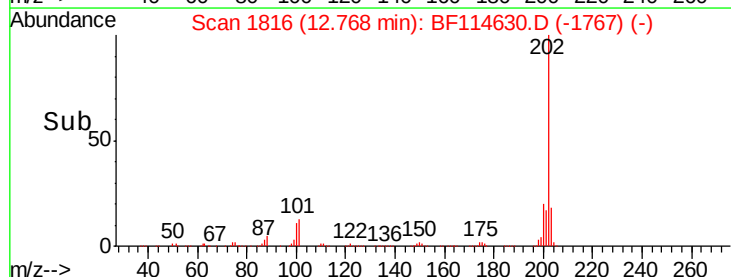
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.7	14.5	21.7

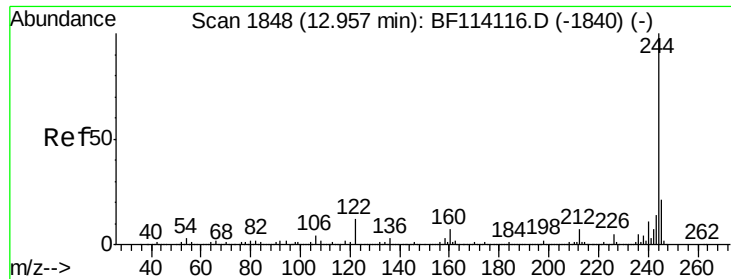


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.597 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

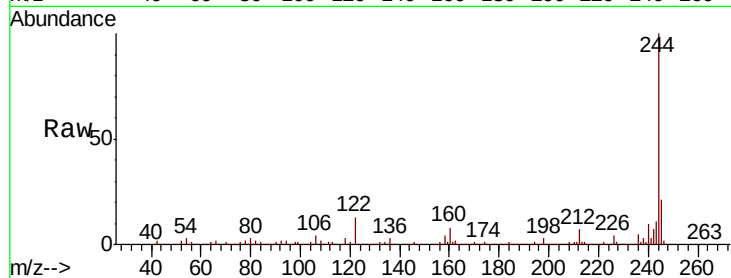
Tot Ion:244 Resp: 1464486

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

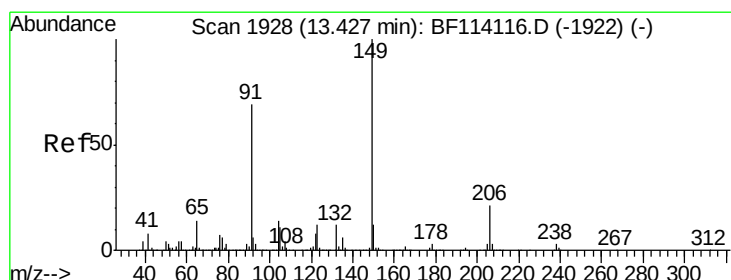
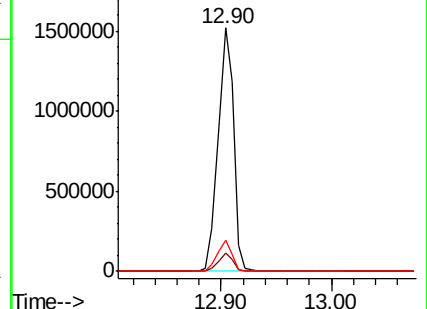
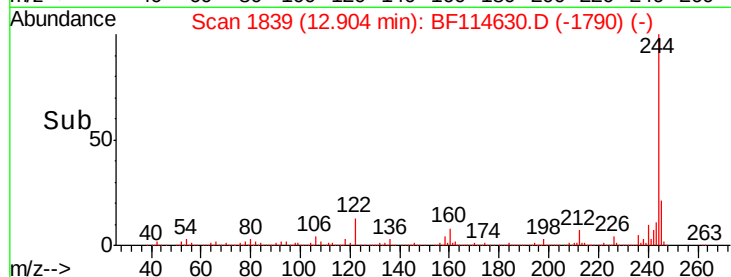
122 13.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.423 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

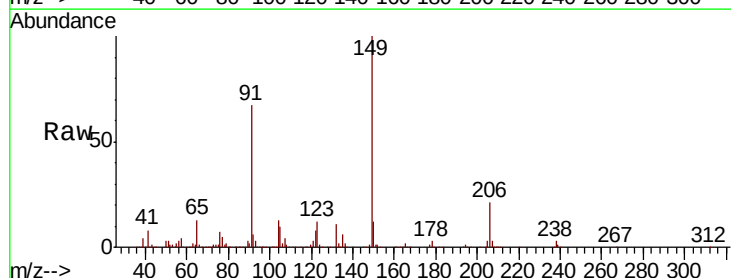
Tgt Ion:149 Resp: 530973

Ion Ratio Lower Upper

149 100

91 66.6 55.0 82.4

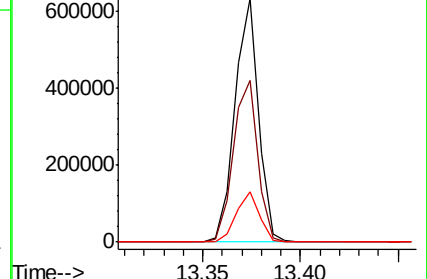
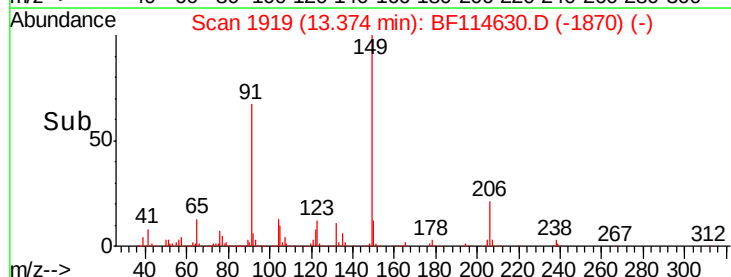
206 20.8 16.9 25.3

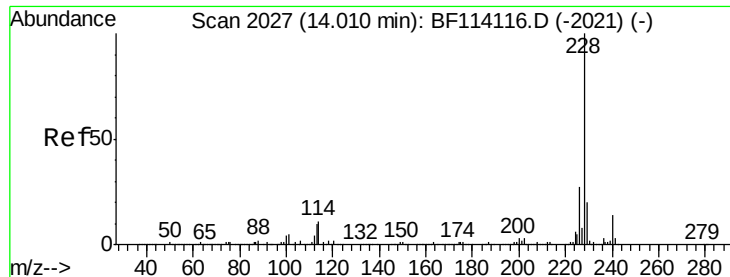


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.809 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

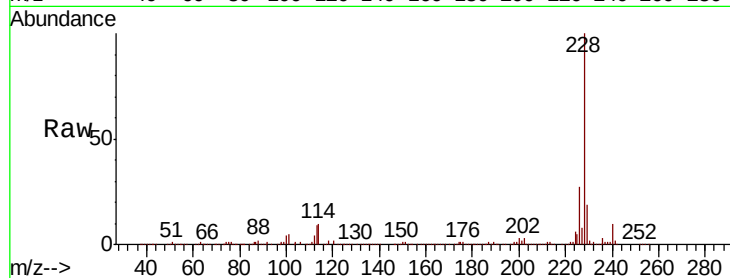
Tot Ion:228 Resp: 1046641

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.2

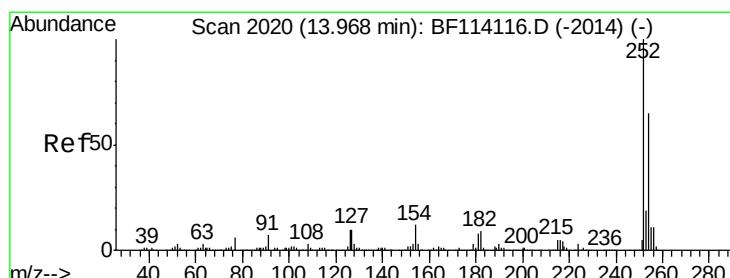
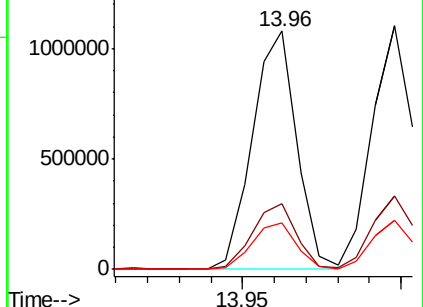
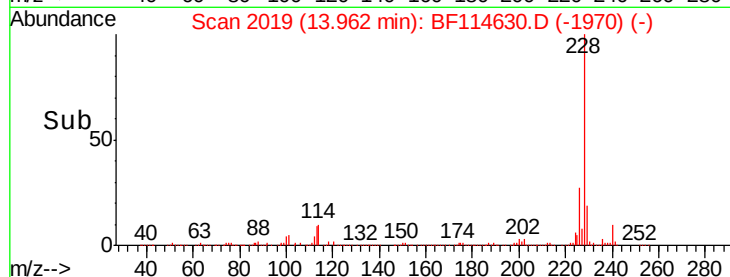
229 19.3 16.4 24.6



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: 44.325 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

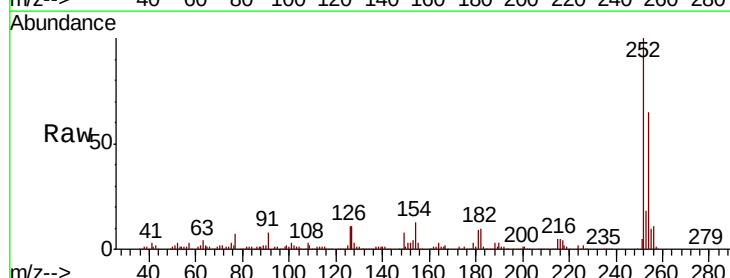
Tgt Ion:252 Resp: 401633

Ion Ratio Lower Upper

252 100

254 64.8 51.9 77.9

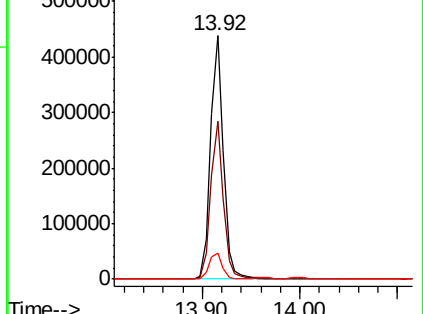
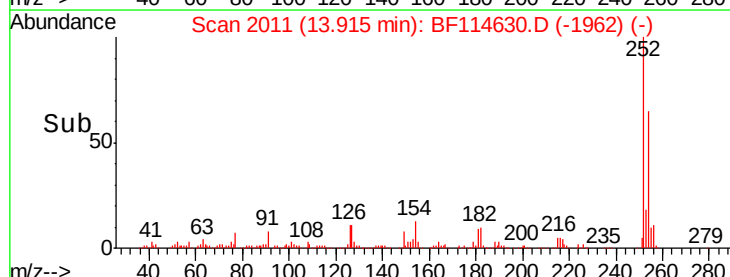
126 10.9 7.9 11.9

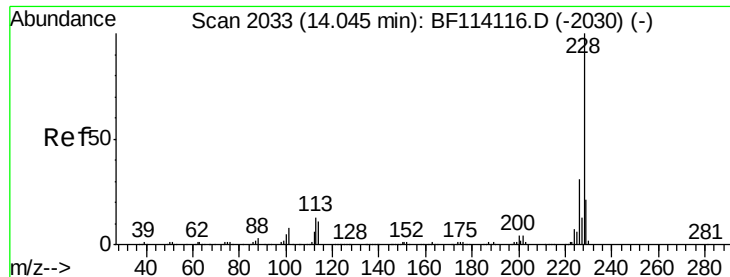


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.743 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

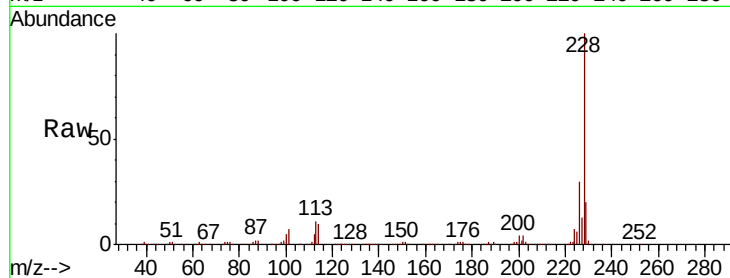
Tot Ion:228 Resp: 1001603

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

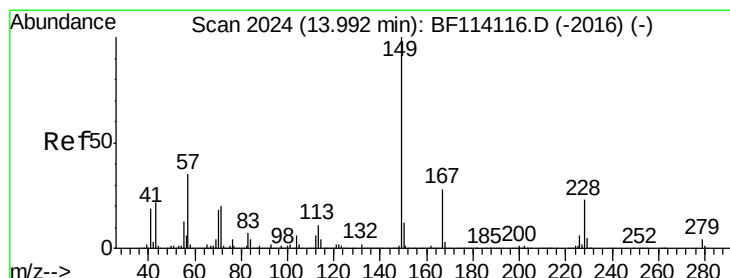
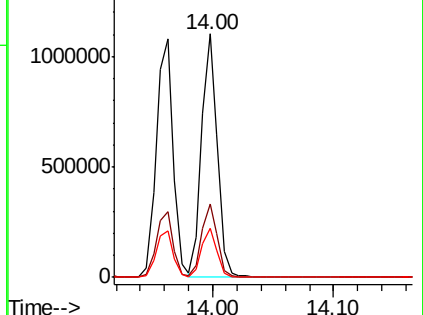
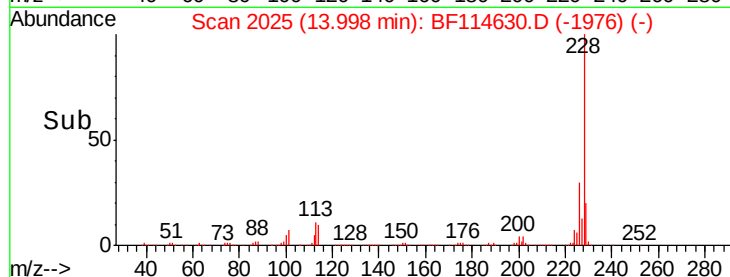
229 19.9 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.393 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

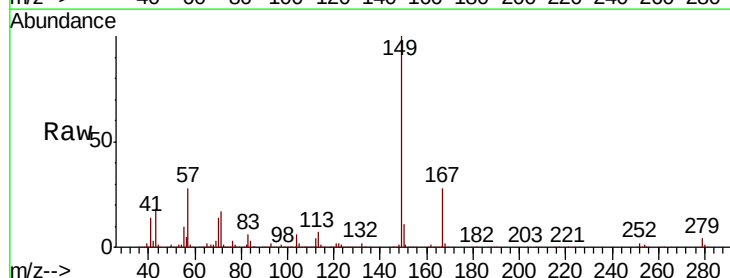
Tgt Ion:149 Resp: 709966

Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

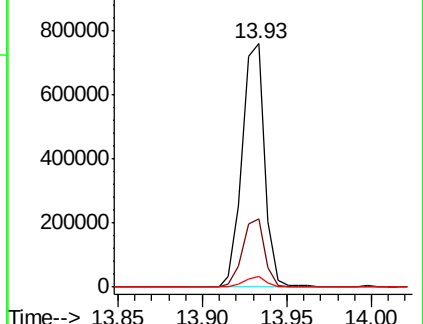
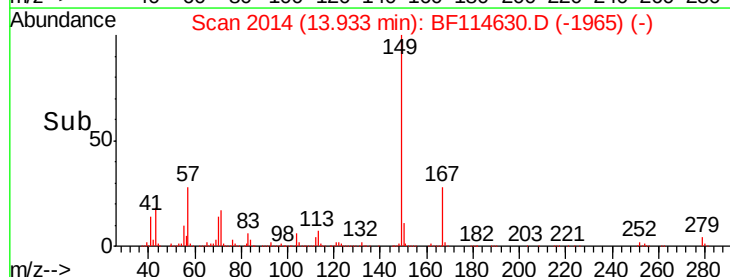
279 4.3 3.0 4.6

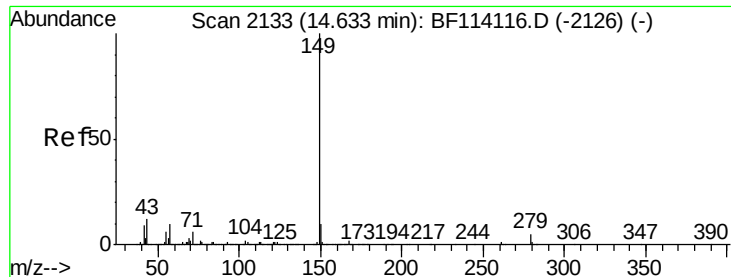


Abundance Ion 149.00 (148.70 to 149.70): E

1000000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.920 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

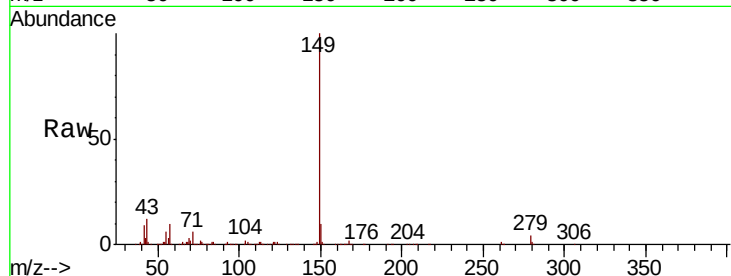
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1138618

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.0	10.1	15.1

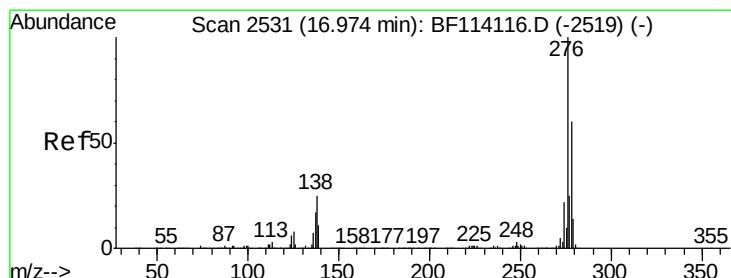
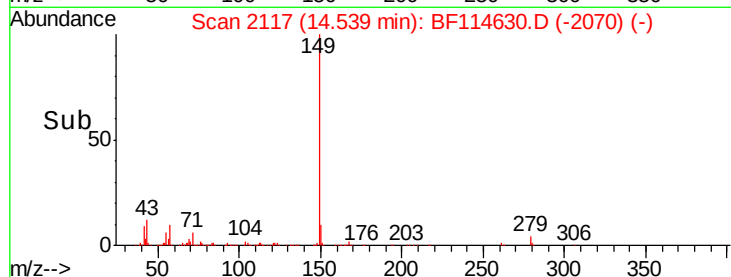
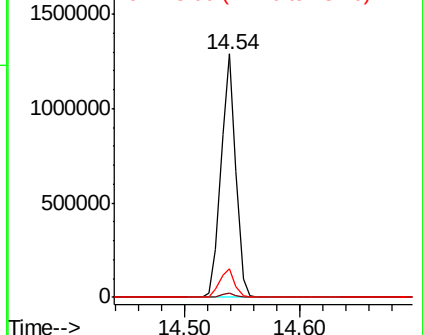


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.631 ng

RT: 16.90 min Scan# 2518

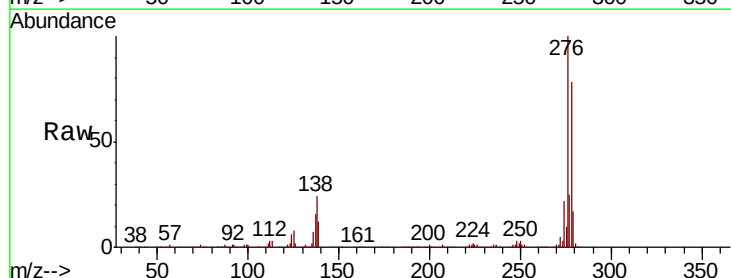
Delta R.T. -0.03 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Tgt Ion:276 Resp: 943624

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.2	30.2
277	25.0	20.0	30.0

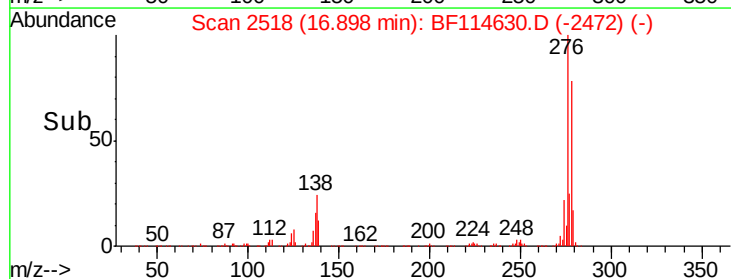
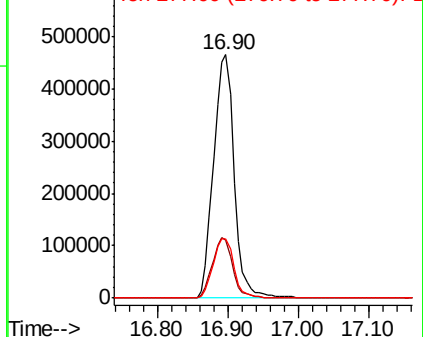


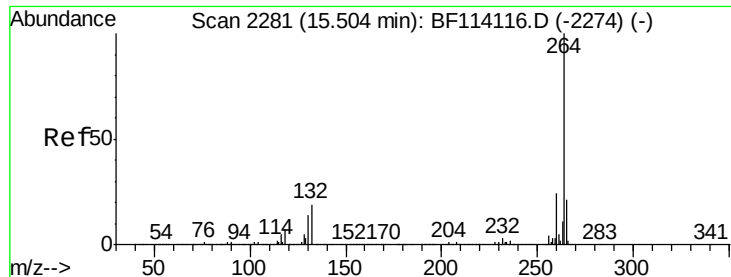
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

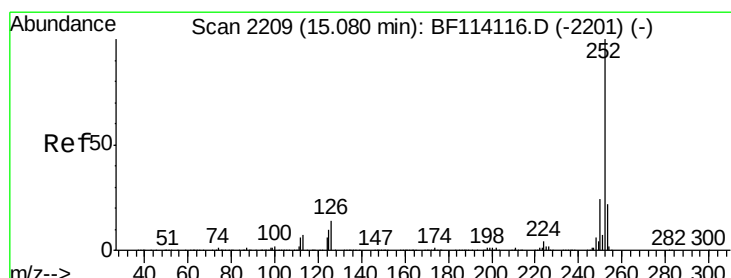
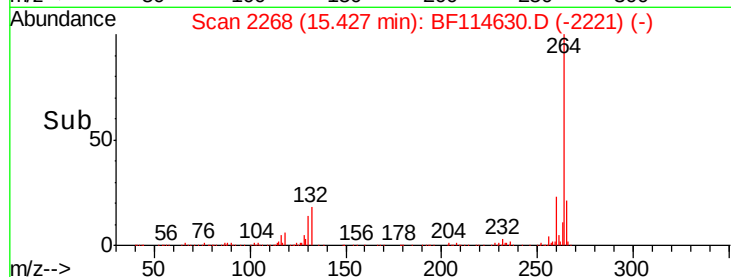
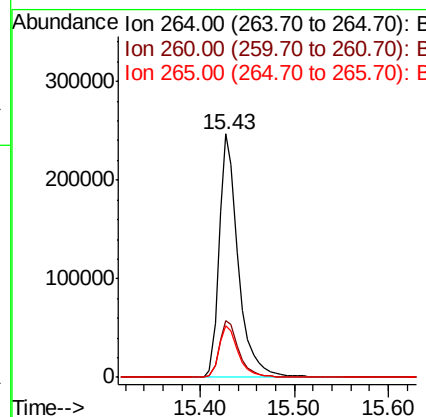
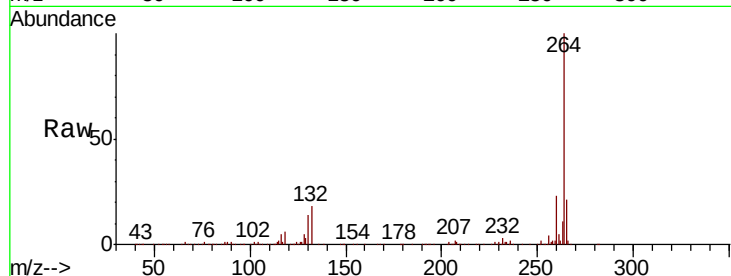




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

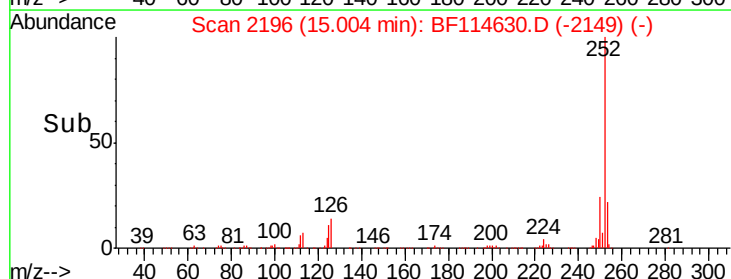
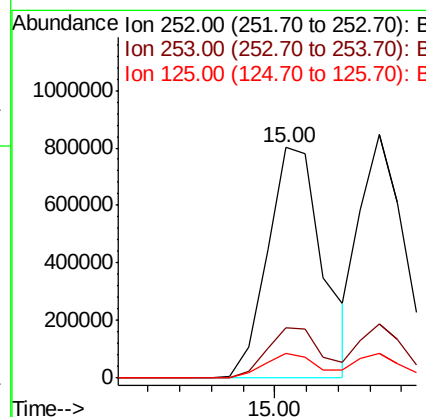
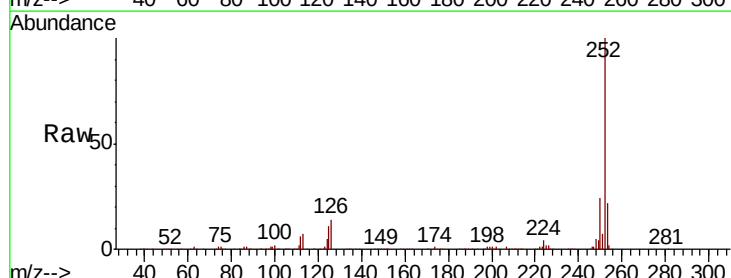
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

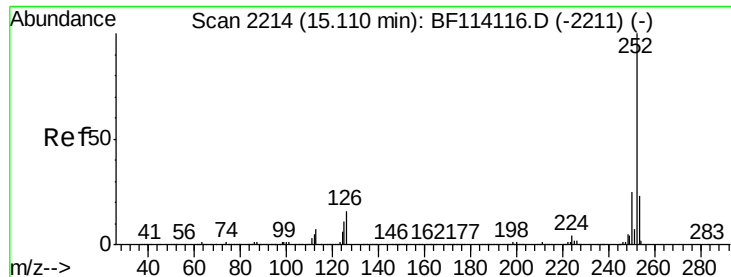
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.5	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 43.040 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.8	8.3	12.5

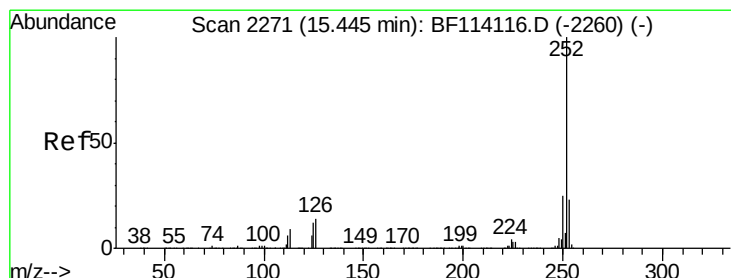
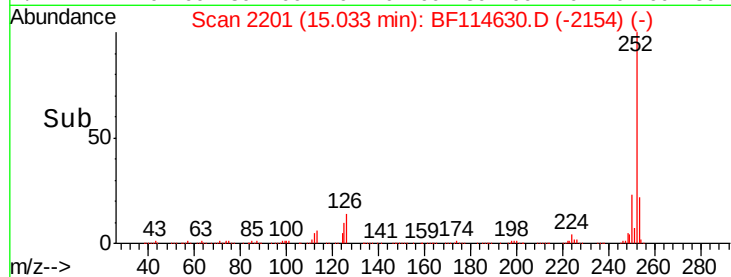
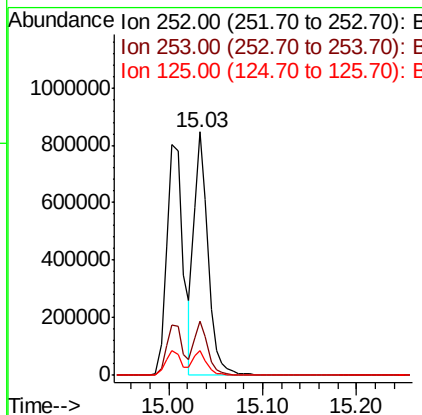
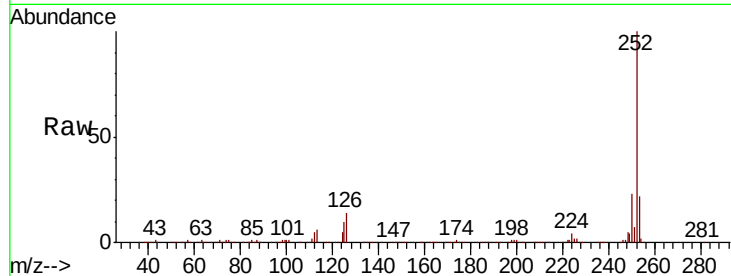




#89
Benzo(k)fluoranthene
Concen: 41.954 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

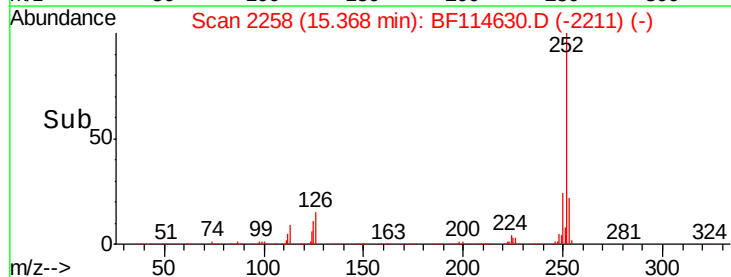
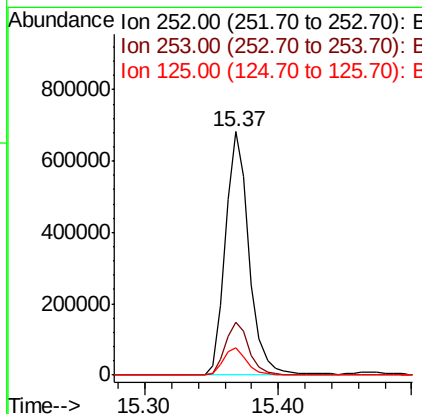
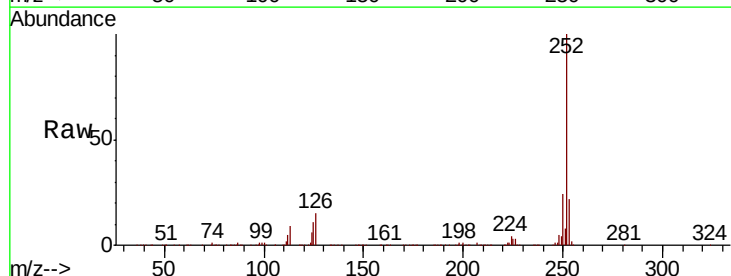
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

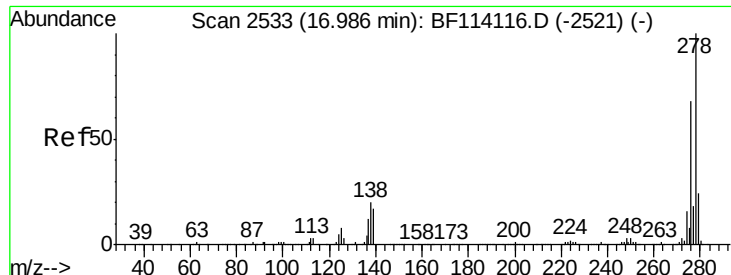
Tot Ion:252 Resp: 870051
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.798 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114630.D
Acq: 26 May 2019 4:33

Tgt Ion:252 Resp: 850328
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 11.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 47.221 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

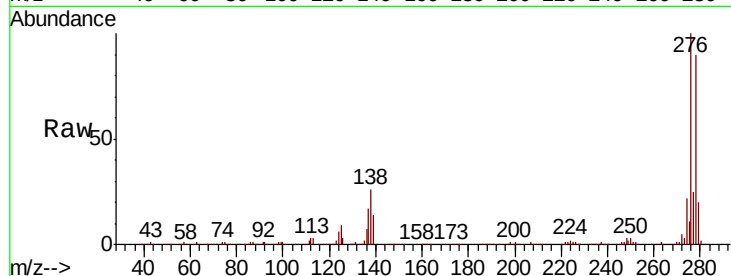
Tot Ion:278 Resp: 779612

Ion Ratio Lower Upper

278 100

139 16.0 13.5 20.3

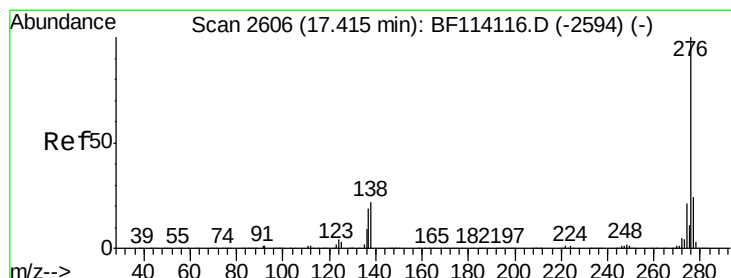
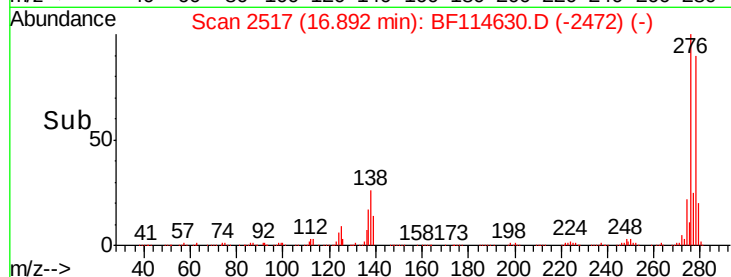
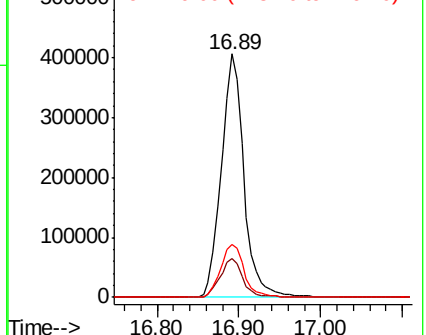
279 21.8 19.0 28.6



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: 47.923 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114630.D

Acq: 26 May 2019 4:33

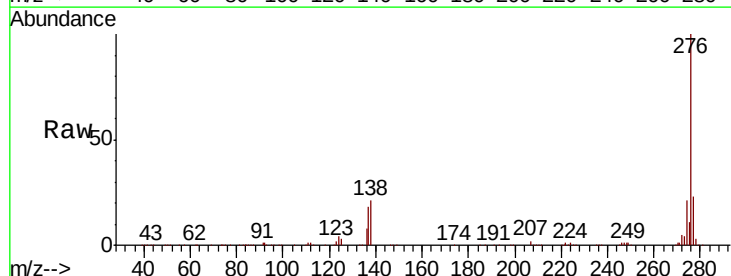
Tgt Ion:276 Resp: 792898

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 21.3 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

