

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114638.D
 Acq On : 29 May 2019 17:02
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Quant Time: May 29 17:39:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 16:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	315078	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1277585	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	632316	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1201226	20.00	ng	0.00
76) Chrysene-d12	13.83	240	515605	20.00	ng	0.01
87) Perylene-d12	15.21	264	692023	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	3193788	163.12	ng	0.01
7) Phenol-d6	6.35	99	3706692	160.07	ng	0.02
23) Nitrobenzene-d5	7.27	82	3742168	164.38	ng	0.02
42) 2,4,6-Tribromophenol	10.52	330	1024090	156.66	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	5191097	124.18	ng	0.01
79) Terphenyl-d14	12.79	244	5329690	213.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	836638	77.742	ng	99
3) Pyridine	3.04	79	2455270	82.806	ng	99
4) n-Nitrosodimethylamine	3.01	42	1016258	71.075	ng	99
6) Aniline	6.37	93	2887402	86.319	ng	94
8) 2-Chlorophenol	6.49	128	1802283	86.227	ng	98
9) Benzaldehyde	6.24	77	880672	54.324	ng	99
10) Phenol	6.36	94	2254220	82.751	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	1785239	86.323	ng	100
12) 1,3-Dichlorobenzene	6.65	146	2051176	87.424	ng	98
13) 1,4-Dichlorobenzene	6.72	146	2039880	86.280	ng	97
14) 1,2-Dichlorobenzene	6.87	146	1752373	81.129	ng	97
15) Benzyl Alcohol	6.85	79	1391722	77.058	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2700542	67.347	ng	98
17) 2-Methylphenol	6.96	107	1645775	95.853	ng	100
18) Hexachloroethane	7.22	117	811021	91.388	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	1375366	93.703	ng	100
20) 3+4-Methylphenols	7.13	107	1558757	78.576	ng	# 79
22) Acetophenone	7.12	105	2352889	83.133	ng	# 99
24) Nitrobenzene	7.29	77	1921977	82.892	ng	93
25) Isophorone	7.54	82	3908726	92.579	ng	98
26) 2-Nitrophenol	7.60	139	1057768	94.030	ng	98
27) 2,4-Dimethylphenol	7.65	122	1611386	91.204	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	2319073	84.656	ng	97
29) 2,4-Dichlorophenol	7.85	162	1631442	92.732	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	1786380	89.294	ng	99
31) Naphthalene	8.00	128	4577791	76.708	ng	97
32) Benzoic acid	7.73	122	318449	27.525	ng	98
33) 4-Chloroaniline	8.05	127	2616277	96.205	ng	99
34) Hexachlorobutadiene	8.13	225	971774	85.372	ng	99
35) Caprolactam	8.46	113	498695	86.932	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	1665598	94.054	ng	99
37) 2-Methylnaphthalene	8.69	142	3217180	83.555	ng	97
38) 1-Methylnaphthalene	8.79	142	3053516	84.212	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	1341804	70.053	ng	99

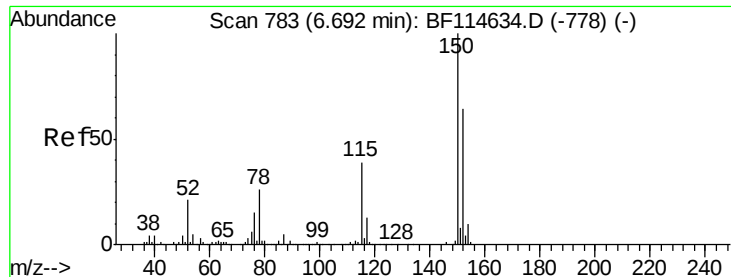
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	942407	116.932	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	1225807	93.042	ng	99
44) 2,4,5-Trichlorophenol	9.01	196	1188185	87.940	ng	98
46) 1,1'-Biphenyl	9.16	154	3451021	67.558	ng	97
47) 2-Chloronaphthalene	9.18	162	3154531	76.732	ng	94
48) 2-Nitroaniline	9.27	65	1116878	76.604	ng	98
49) Acenaphthylene	9.59	152	4544646	72.683	ng	95
50) Dimethylphthalate	9.47	163	3724179	80.231	ng	99
51) 2,6-Dinitrotoluene	9.52	165	966867	93.912	ng	93
52) Acenaphthene	9.77	154	2989109	77.904	ng	98
53) 3-Nitroaniline	9.69	138	1187866	92.946	ng	95
54) 2,4-Dinitrophenol	9.79	184	456435	110.537	ng	# 87
55) Dibenzofuran	9.94	168	3852716	68.477	ng	97
56) 4-Nitrophenol	9.85	139	887399	98.185	ng	92
57) 2,4-Dinitrotoluene	9.92	165	1203034	86.091	ng	98
58) Fluorene	10.28	166	2569898	59.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	940662	80.687	ng	99
60) Diethylphthalate	10.16	149	3719041	78.854	ng	96
61) 4-Chlorophenyl-phenylether	10.27	204	1284262	60.168	ng	97
62) 4-Nitroaniline	10.31	138	1173112	87.353	ng	98
63) Azobenzene	10.43	77	3321289	72.753	ng	93
65) 4,6-Dinitro-2-methylphenol	10.33	198	590163	102.245	ng	81
66) n-Nitrosodiphenylamine	10.39	169	3018763	82.802	ng	98
67) 4-Bromophenyl-phenylether	10.76	248	1111512	84.040	ng	96
68) Hexachlorobenzene	10.82	284	1194295	81.625	ng	99
69) Atrazine	10.92	200	756980	66.721	ng	99
70) Pentachlorophenol	11.01	266	717566	103.456	ng	99
71) Phenanthrene	11.23	178	4516248	77.279	ng	97
72) Anthracene	11.28	178	4493760	76.556	ng	95
73) Carbazole	11.43	167	4165799	74.423	ng	96
74) Di-n-butylphthalate	11.77	149	4941428	76.626	ng	96
75) Fluoranthene	12.41	202	4576220	72.715	ng	98
77) Benzidine	12.79	184	78491	3.391	ng	95
78) Pyrene	12.63	202	4710042	113.555	ng	97
80) Butylbenzylphthalate	13.26	149	2436021	139.533	ng	98
81) Benzo(a)anthracene	13.82	228	4074395	122.174	ng	97
82) 3,3'-Dichlorobenzidine	13.79	252	1503291	116.201	ng	99
83) Chrysene	13.86	228	3894470	119.128	ng	97
84) Bis(2-ethylhexyl)phthalate	13.83	149	2623371	114.892	ng	# 98
85) Di-n-octyl phthalate	14.44	149	4630494	125.100	ng	97
86) Indeno(1,2,3-cd)pyrene	16.54	276	3791944	131.245	ng	100
88) Benzo(b)fluoranthene	14.83	252	4026022	90.809	ng	98
89) Benzo(k)fluoranthene	14.86	252	2955430	72.568	ng	98
90) Benzo(a)pyrene	15.16	252	3521928	90.263	ng	97
91) Dibenzo(a,h)anthracene	16.56	278	2979350	91.891	ng	99
92) Benzo(g,h,i)perylene	16.94	276	3078299	94.740	ng	99

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

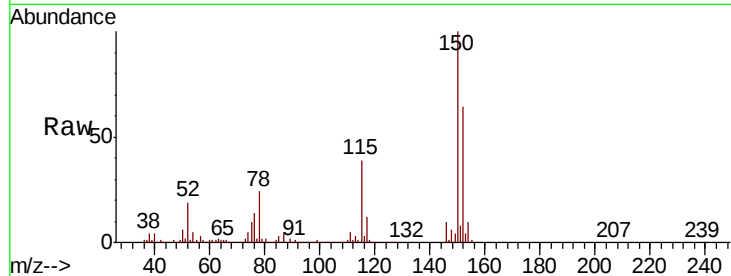


#1

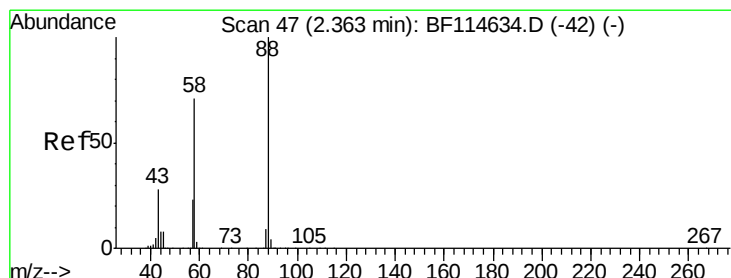
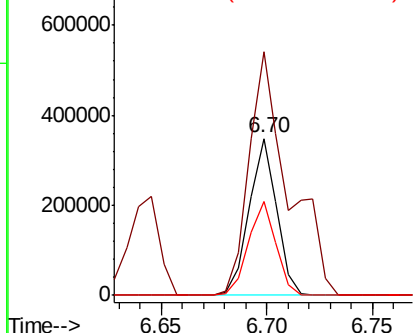
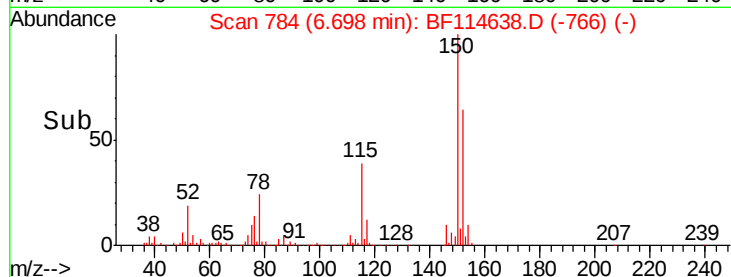
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:152 Resp: 315078
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.4 186.6
 115 60.2 48.7 73.1



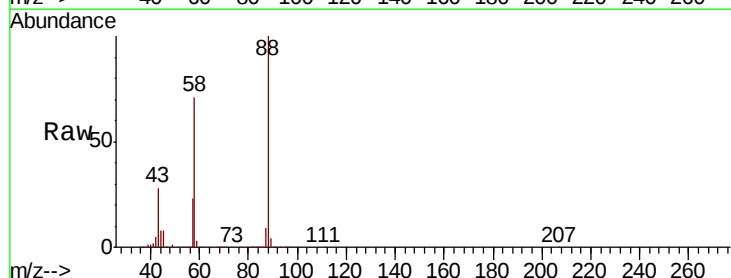
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



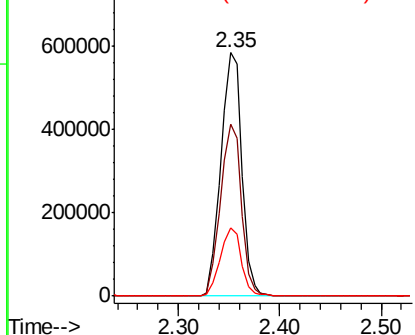
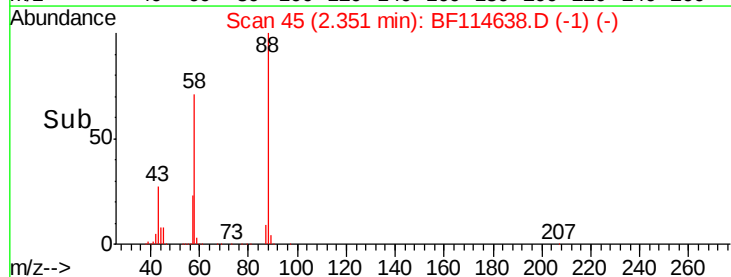
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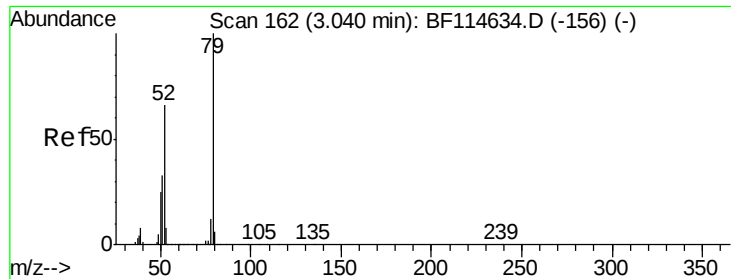
1,4-Dioxane
 Concen: 77.742 ng
 RT: 2.35 min Scan# 45
 Delta R.T. -0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion: 88 Resp: 836638
 Ion Ratio Lower Upper
 88 100
 58 70.5 57.2 85.8
 43 27.4 22.6 33.8



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: 82.806 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.00 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

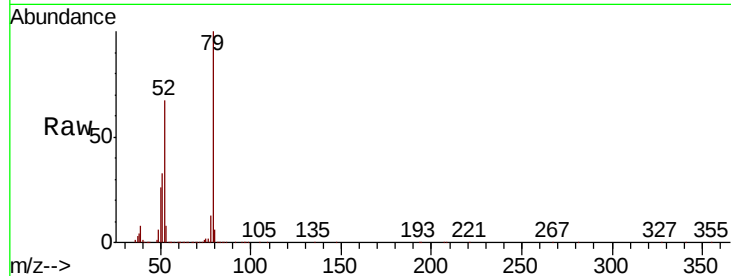
Tot Ion: 79 Resp: 2455270

Ion Ratio Lower Upper

79 100

52 66.8 52.8 79.2

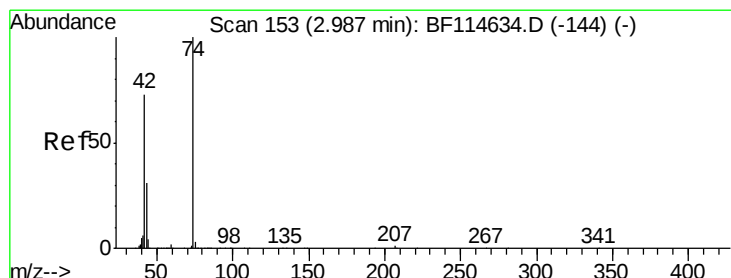
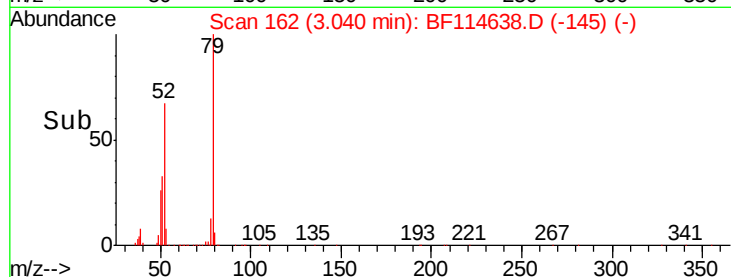
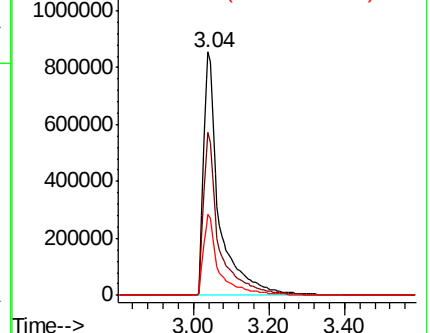
51 33.2 26.3 39.5



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: 71.075 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

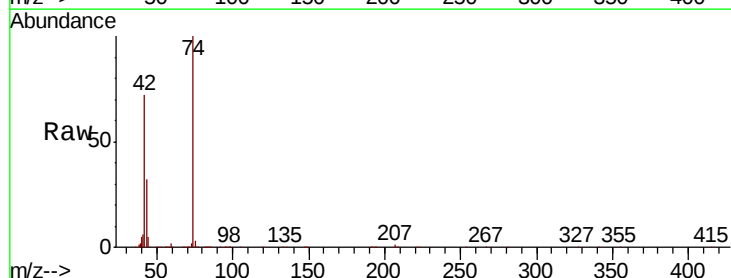
Tgt Ion: 42 Resp: 1016258

Ion Ratio Lower Upper

42 100

74 138.7 110.0 165.0

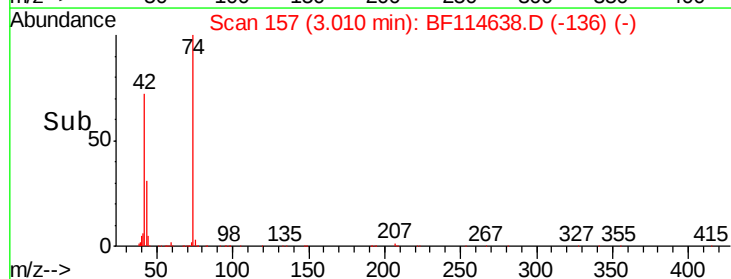
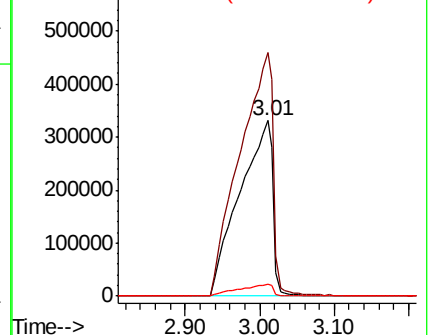
44 6.9 5.6 8.4

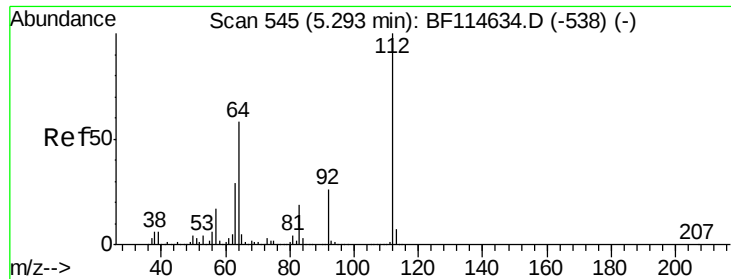


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 163.123 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

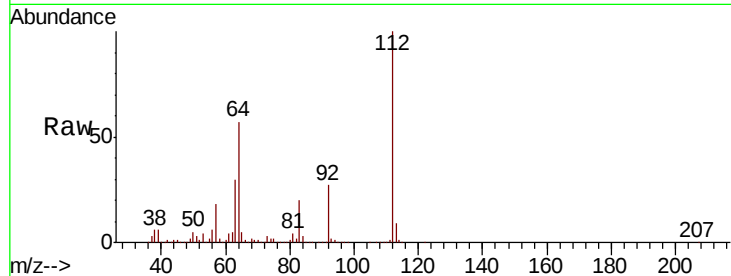
Tot Ion:112 Resp: 3193788

Ion Ratio Lower Upper

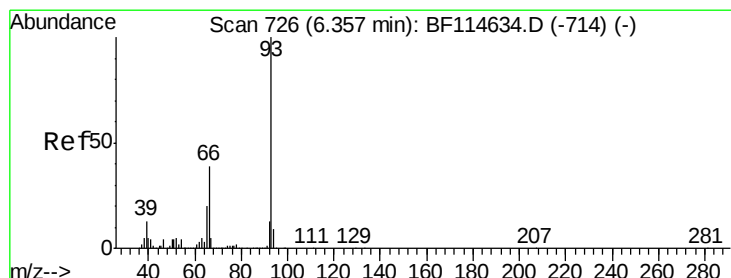
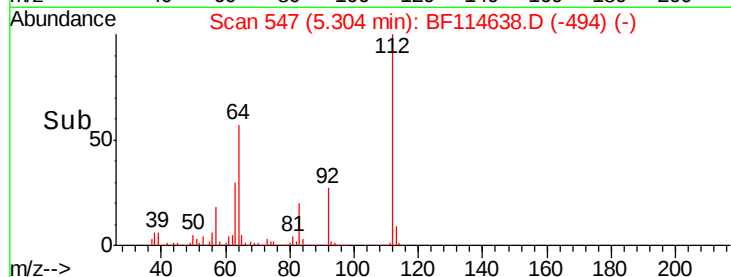
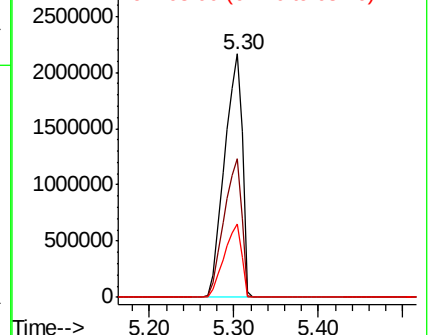
112 100

64 57.2 46.1 69.1

63 30.1 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 86.319 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

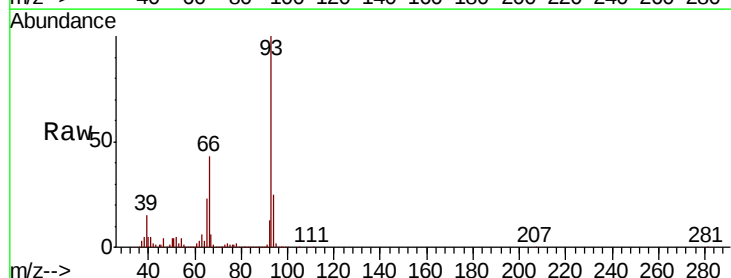
Tgt Ion: 93 Resp: 2887402

Ion Ratio Lower Upper

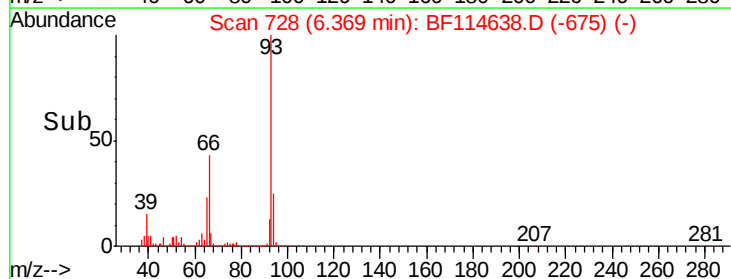
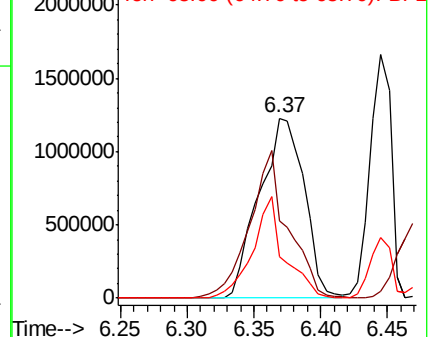
93 100

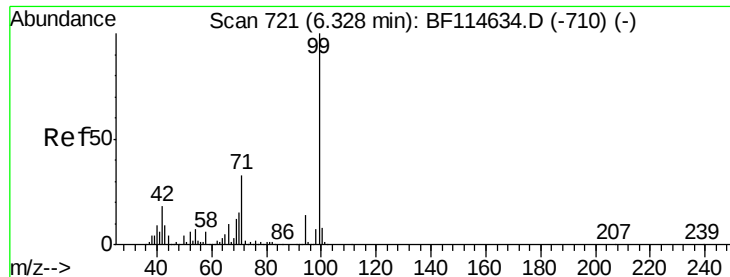
66 43.0 31.4 47.2

65 23.0 16.2 24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 160.070 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

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ClientSampleId :

SSTDICC100

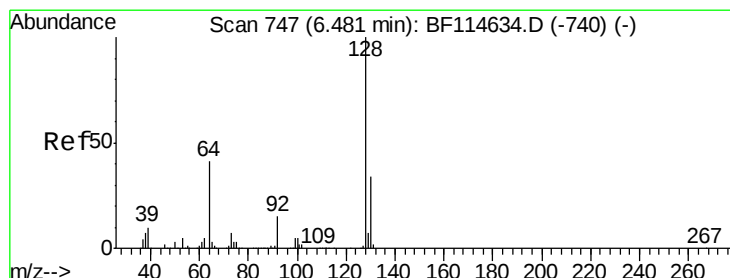
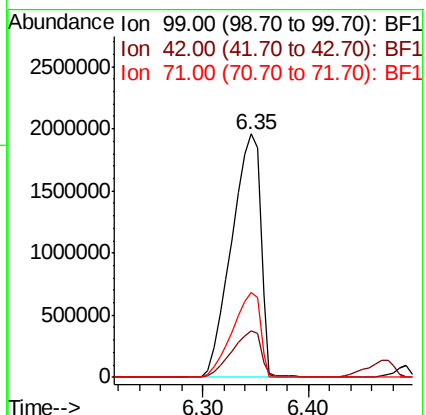
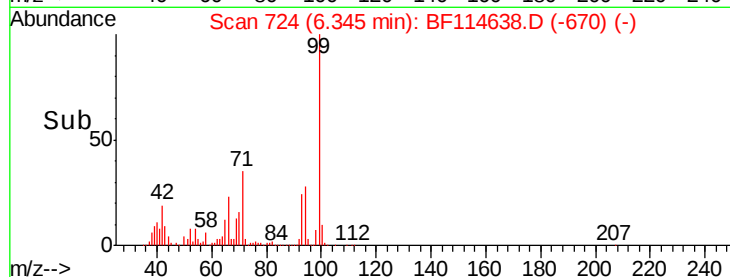
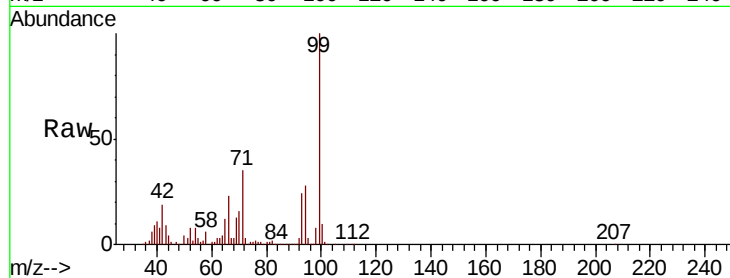
Tot Ion: 99 Resp: 3706692

Ion Ratio Lower Upper

99 100

42 19.2 14.7 22.1

71 35.0 26.6 40.0



#8

2-Chlorophenol

Concen: 86.227 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

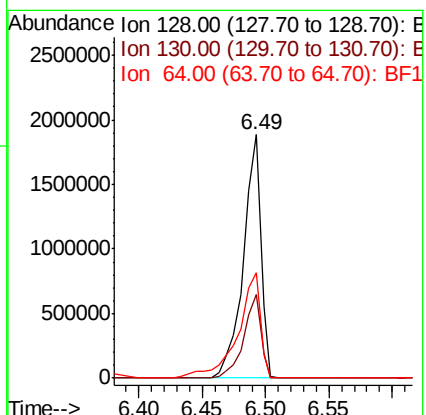
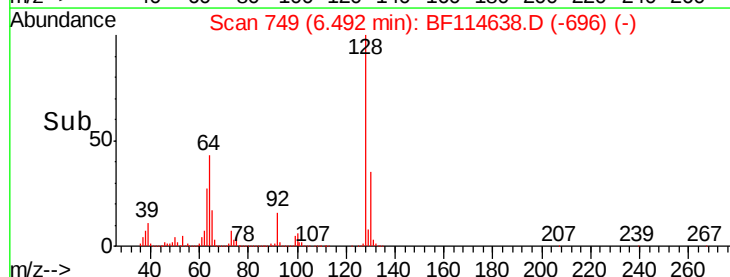
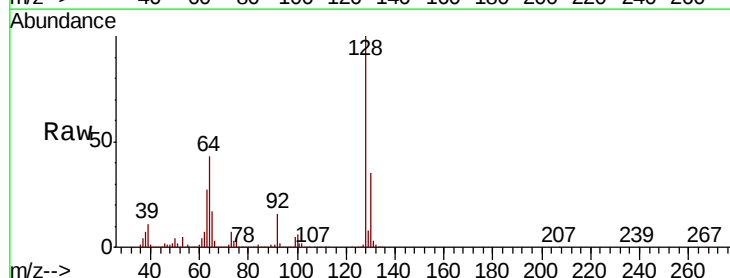
Tgt Ion:128 Resp: 1802283

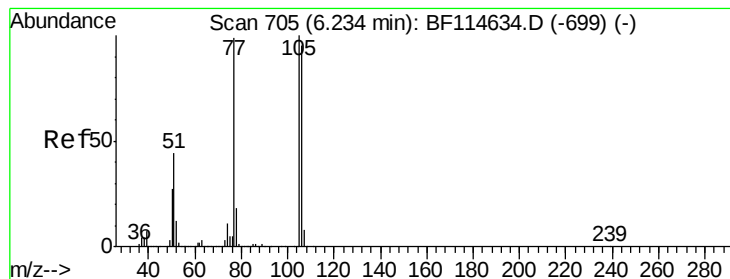
Ion Ratio Lower Upper

128 100

130 34.6 13.9 53.9

64 43.1 22.0 62.0





#9

Benzaldehyde

Concen: 54.324 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

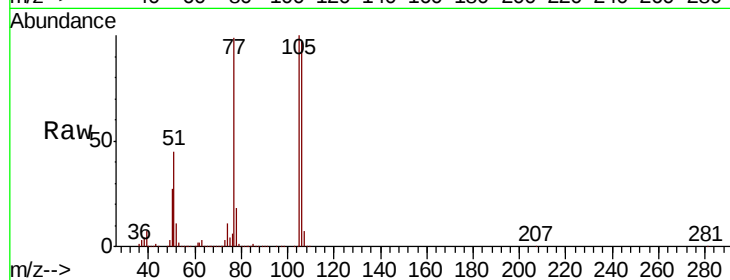
Tot Ion: 77 Resp: 880672

Ion Ratio Lower Upper

77 100

105 101.3 80.8 120.8

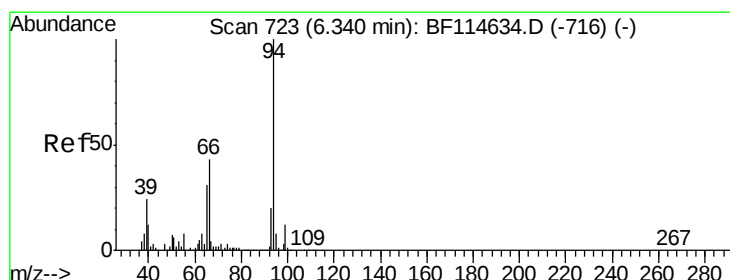
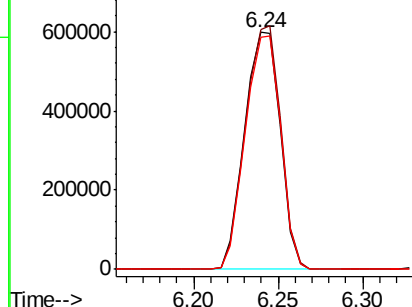
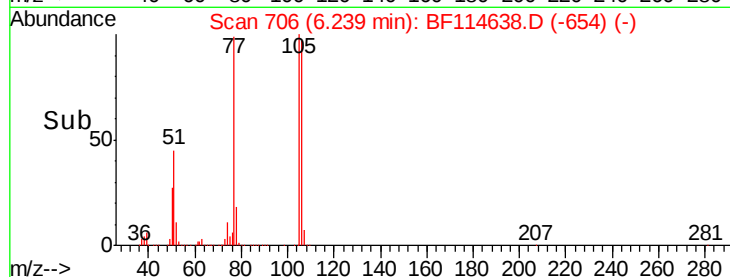
106 97.8 76.2 116.2



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: 82.751 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

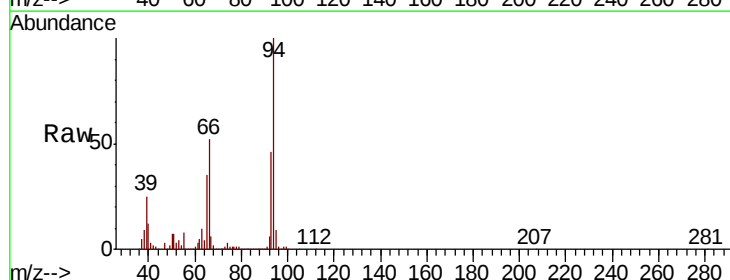
Tgt Ion: 94 Resp: 2254220

Ion Ratio Lower Upper

94 100

65 35.4 11.0 51.0

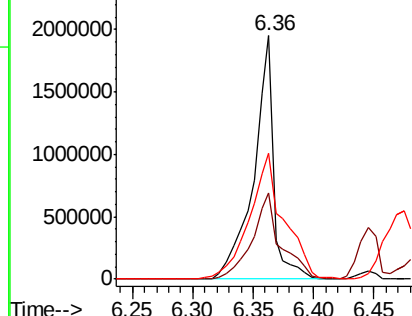
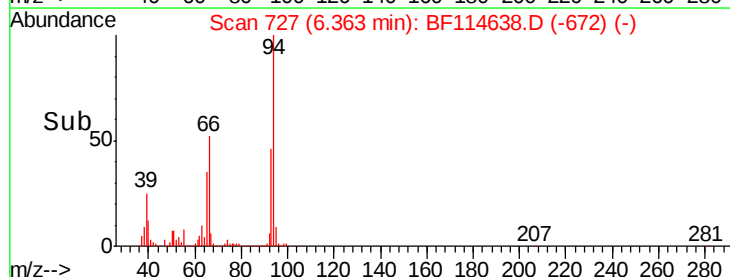
66 51.8 23.0 63.0



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

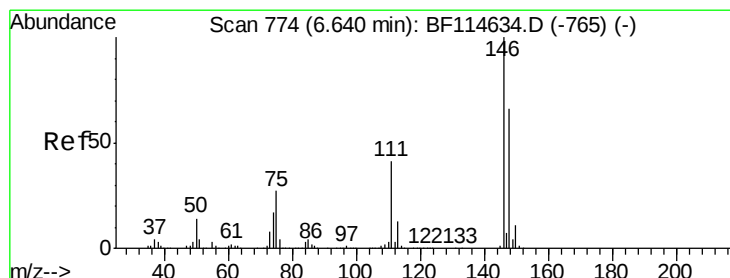
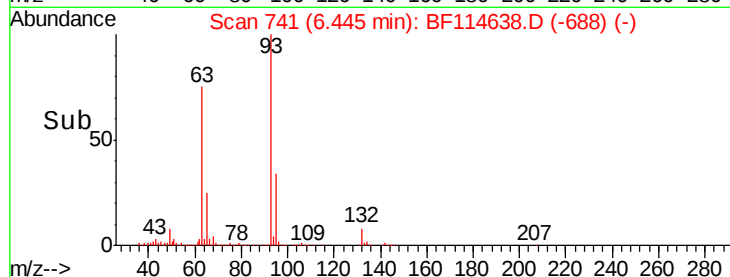
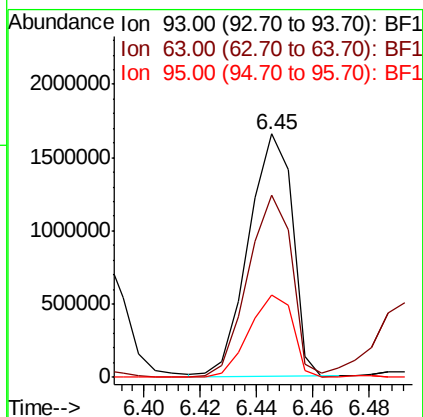
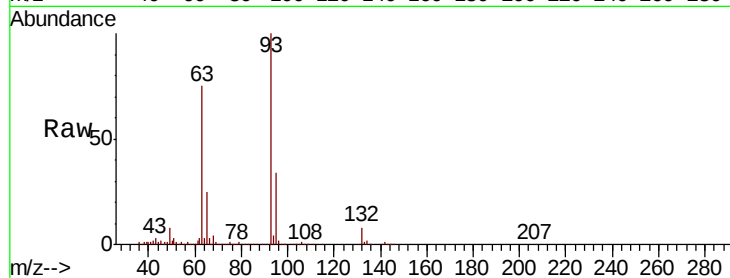




#11
bis(2-Chloroethyl)ether
Concen: 86.323 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

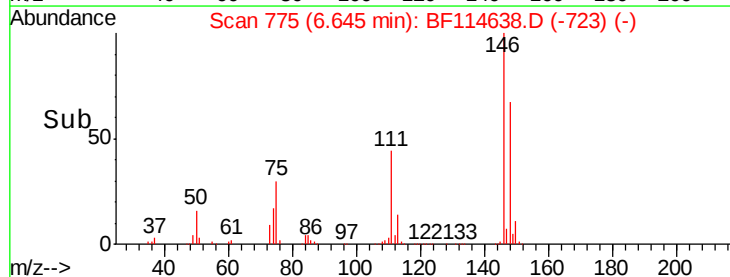
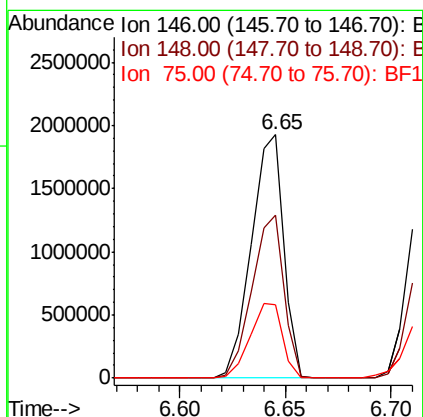
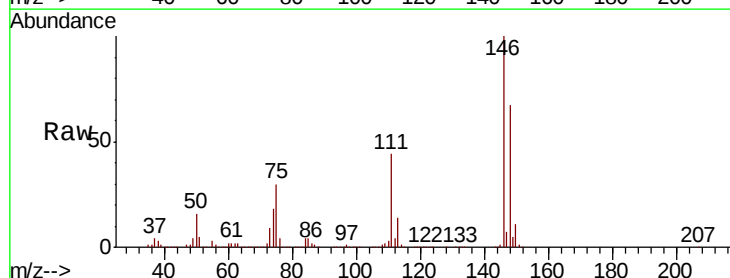
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

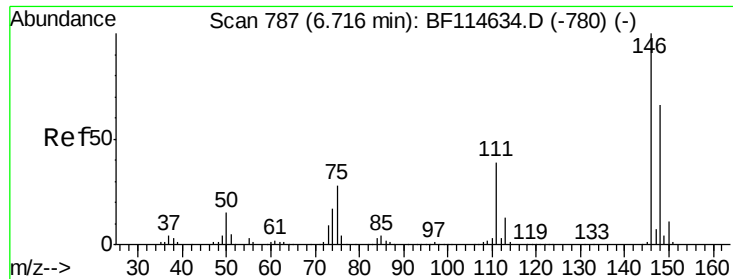
Tot Ion: 93 Resp: 1785239
Ion Ratio Lower Upper
93 100
63 74.9 55.0 95.0
95 33.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 87.424 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion: 146 Resp: 2051176
Ion Ratio Lower Upper
146 100
148 67.0 52.9 79.3
75 30.0 22.0 33.0

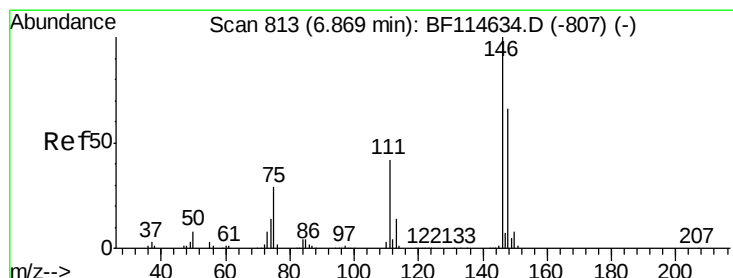
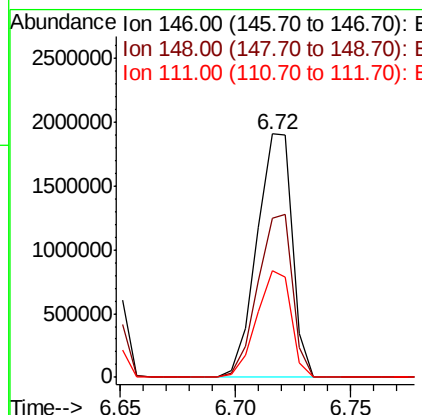
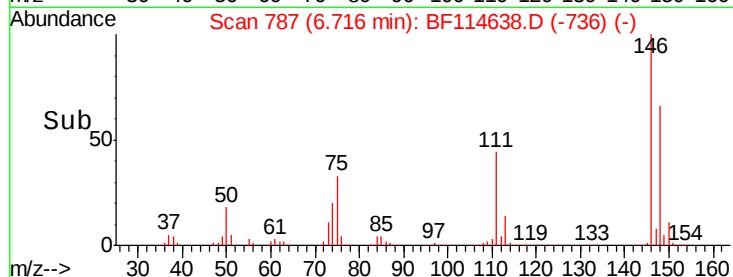
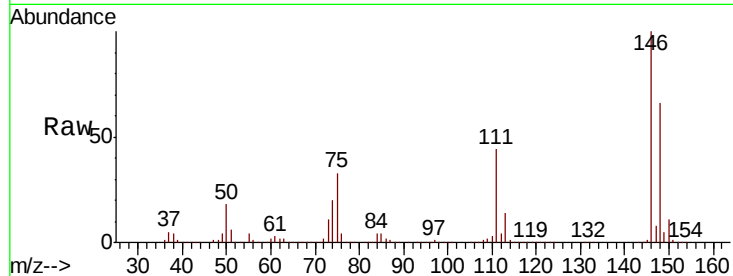




#13
 1,4-Dichlorobenzene
 Concen: 86.280 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

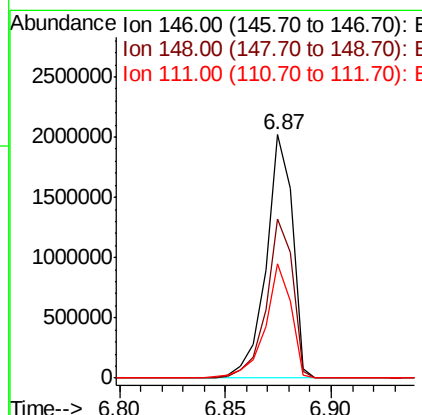
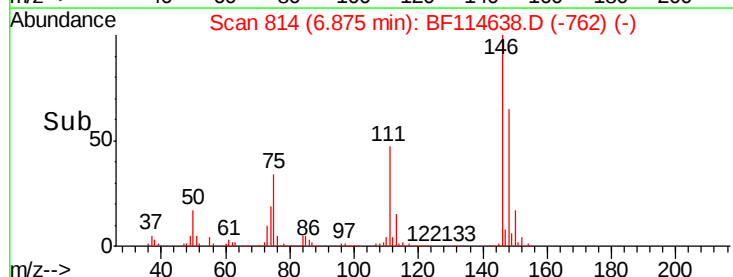
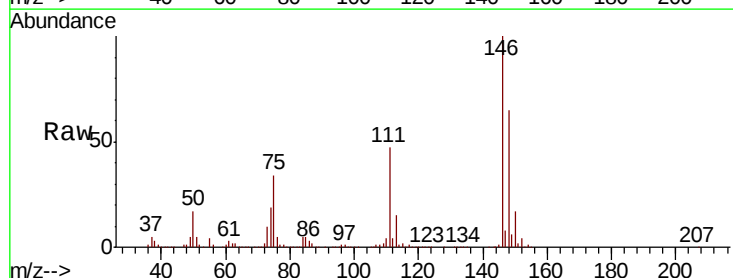
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:146 Resp: 2039880
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.5 78.7
 111 43.7 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 81.129 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion:146 Resp: 1752373
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.6 79.0
 111 46.9 34.1 51.1





#15

Benzyl Alcohol

Concen: 77.058 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

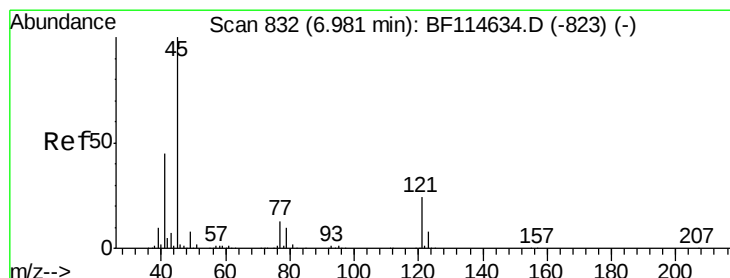
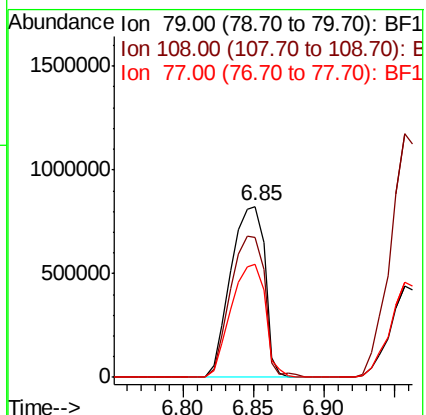
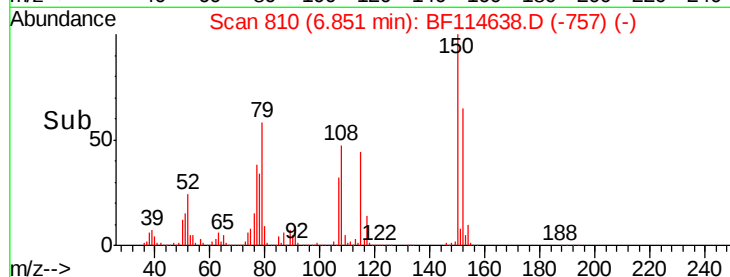
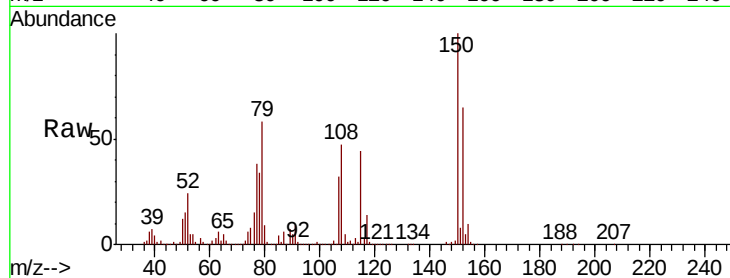
Tot Ion: 79 Resp: 1391722

Ion Ratio Lower Upper

79 100

108 81.6 67.8 101.8

77 65.7 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 67.347 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

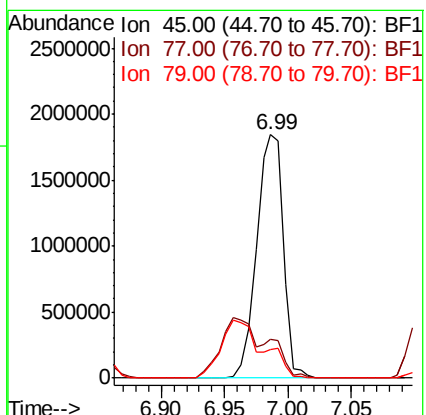
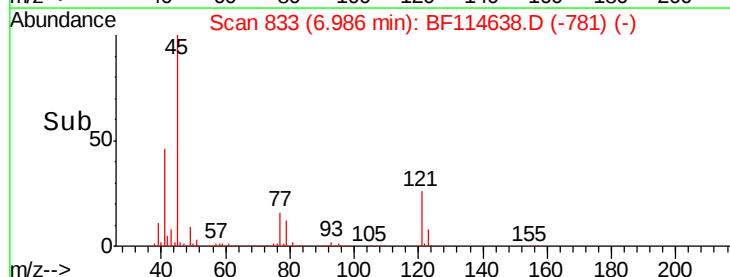
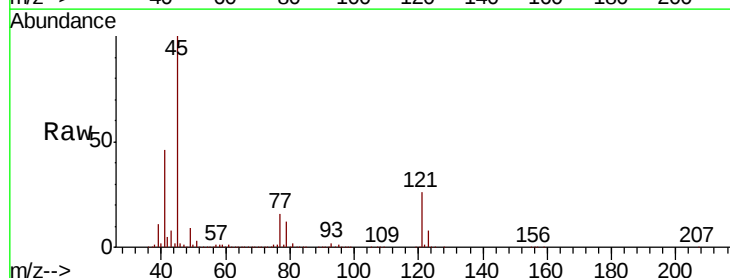
Tgt Ion: 45 Resp: 2700542

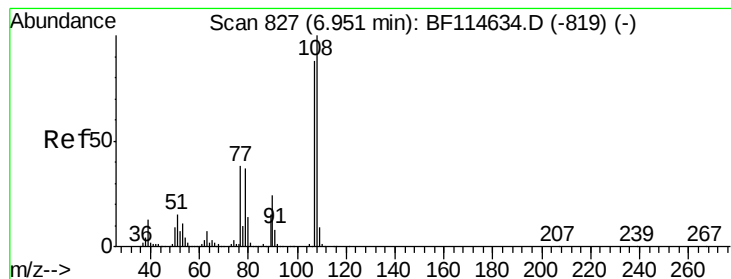
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.7

79 11.9 0.0 31.3

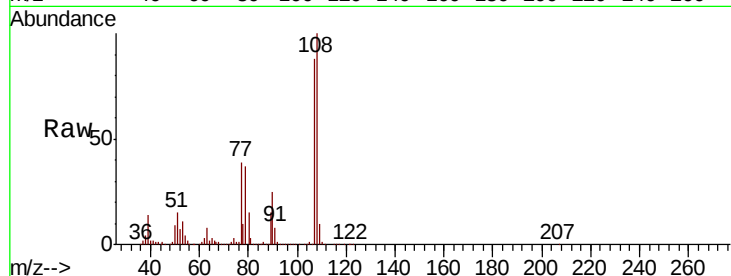




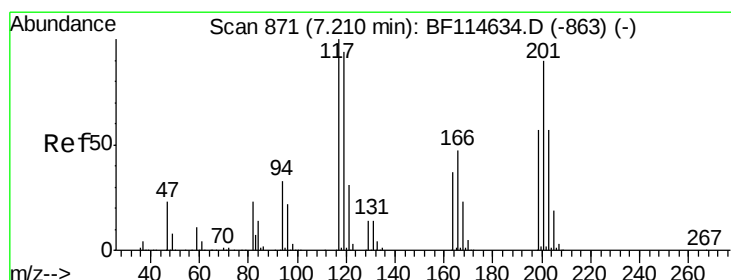
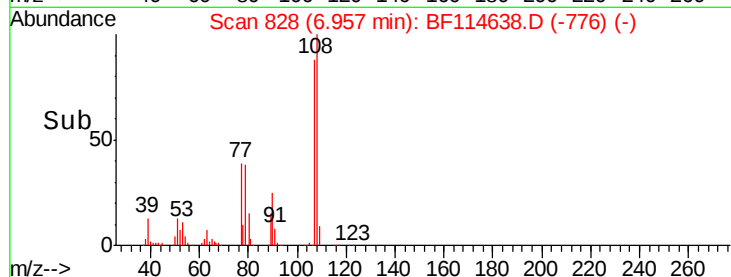
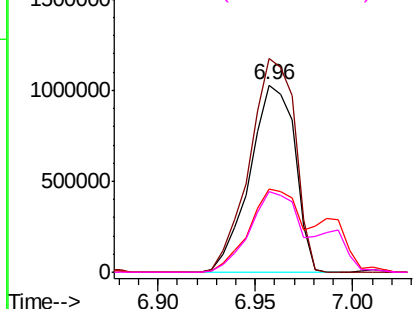
#17
2-Methylphenol
Concen: 95.853 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:107 Resp: 1645775
Ion Ratio Lower Upper
107 100
108 114.0 91.1 136.7
77 44.3 34.9 52.3
79 42.7 33.8 50.6

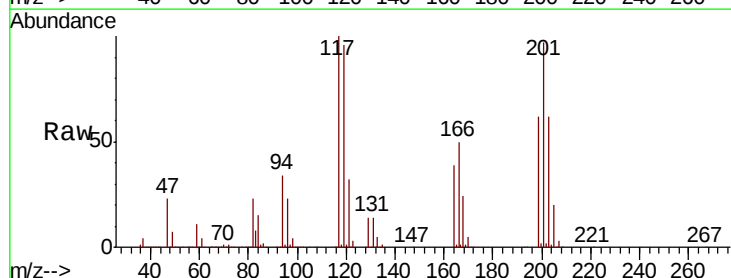


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

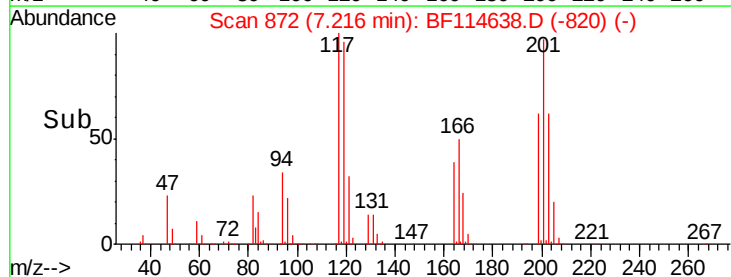
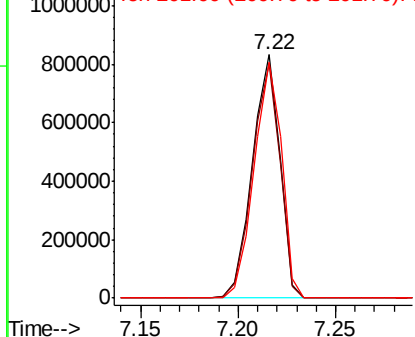


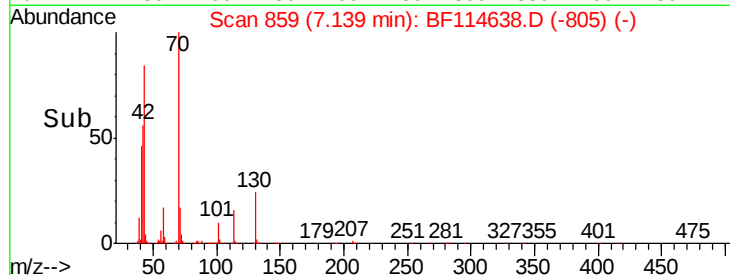
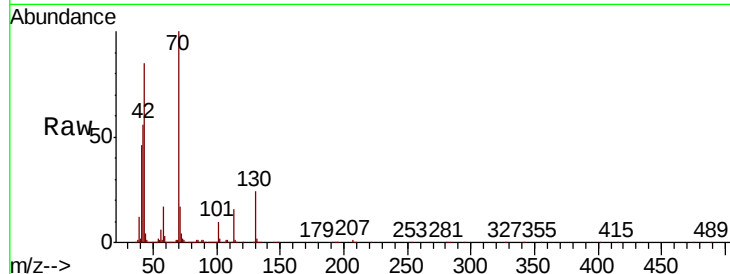
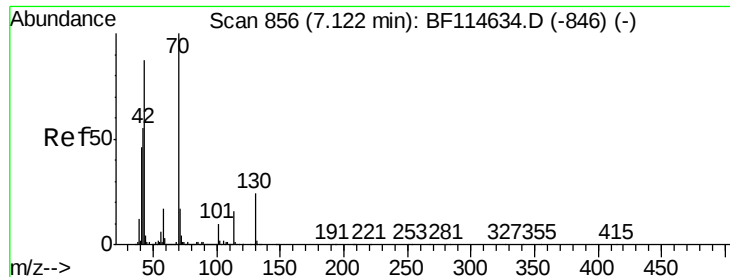
#18
Hexachloroethane
Concen: 91.388 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:117 Resp: 811021
Ion Ratio Lower Upper
117 100
119 96.2 75.6 113.4
201 97.0 71.7 107.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

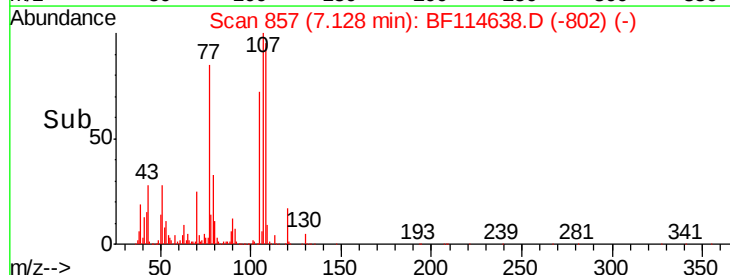
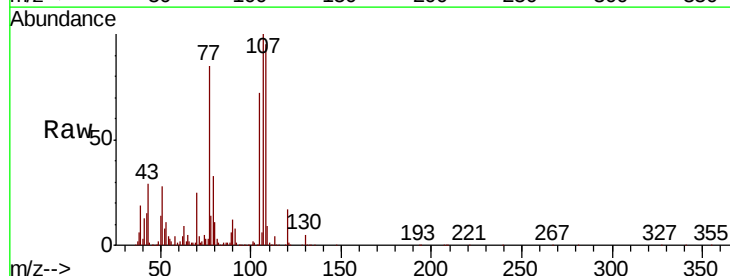
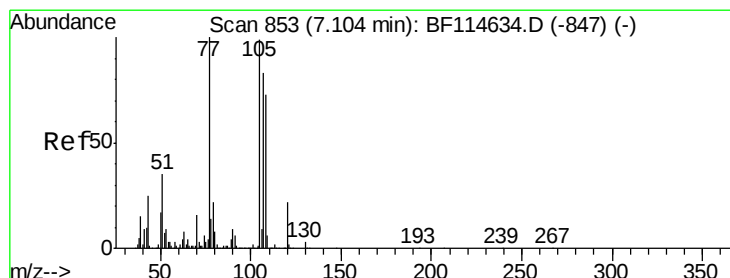
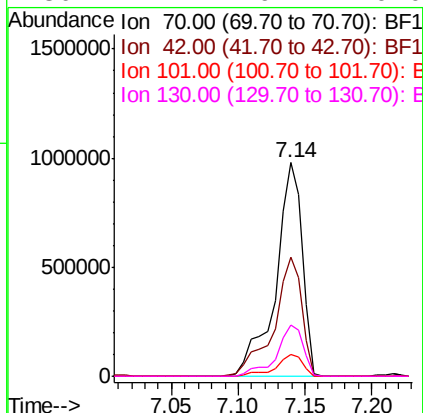




#19
n-Nitroso-di-n-propylamine
Concen: 93.703 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

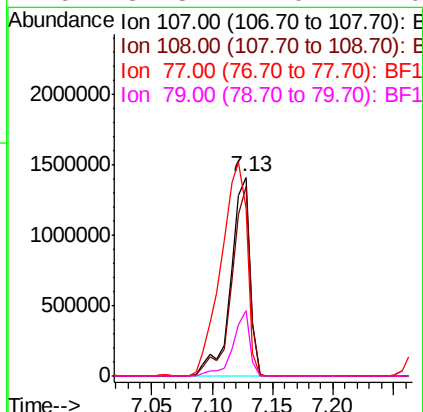
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

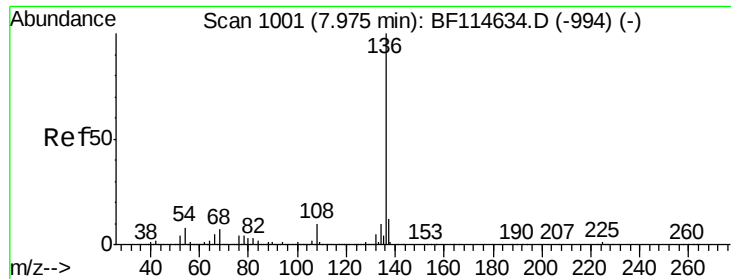
Tot Ion: 70 Resp: 1375366
Ion Ratio Lower Upper
70 100
42 55.8 44.4 66.6
101 10.1 8.2 12.4
130 24.2 19.4 29.0



#20
3+4-Methylphenols
Concen: 78.576 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:107 Resp: 1558757
Ion Ratio Lower Upper
107 100
108 95.5 68.6 108.6
77 84.6 100.5 140.5#
79 32.8 7.0 47.0

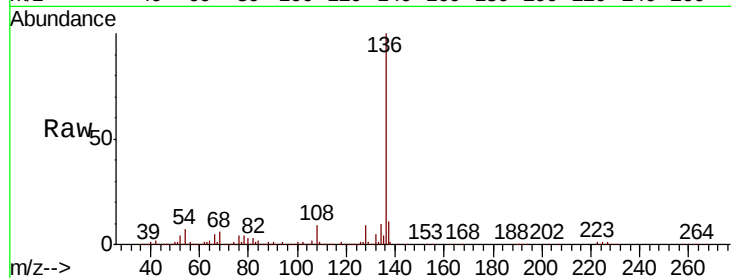




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:136	Resp: 1277585
Ion Ratio	Lower Upper
136 100	
137 11.4	9.3 13.9
54 7.5	6.3 9.5
68 6.4	5.4 8.0



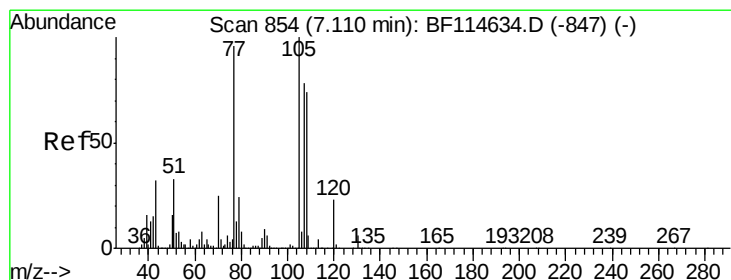
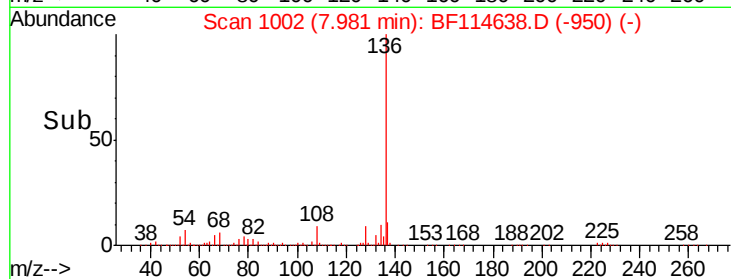
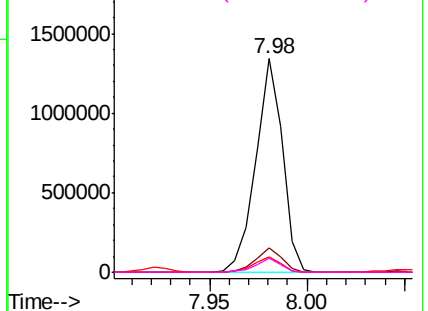
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

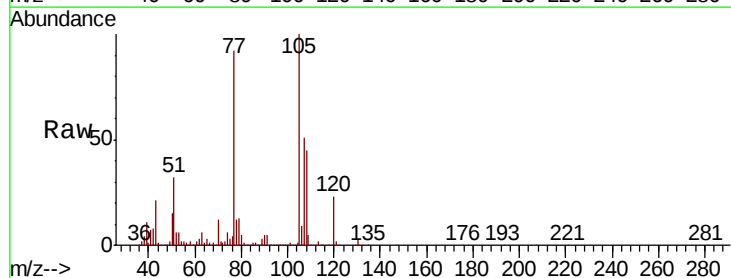
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 83.133 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt	Ion:105	Resp:	2352889
Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.6	5.4#
51	32.2	26.0	39.0
120	23.4	18.8	28.2



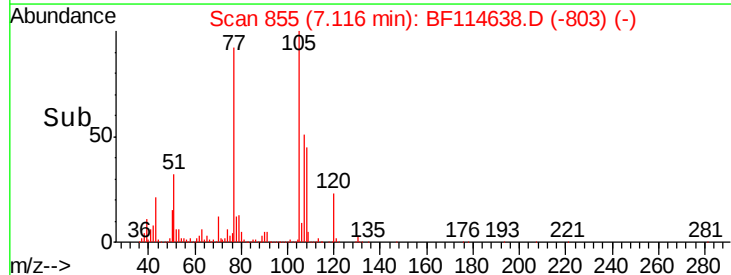
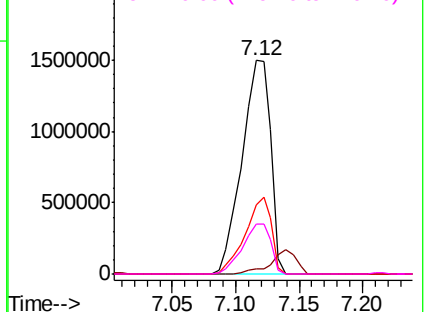
Abundance

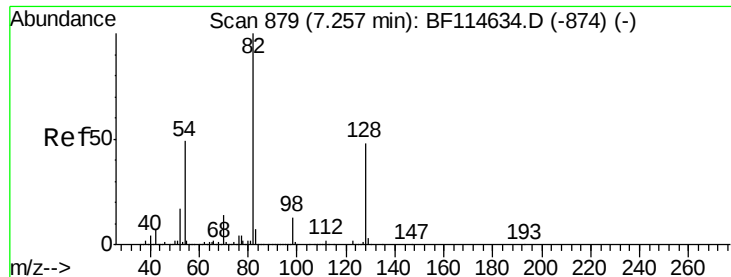
Ion 105.00 (104.70 to 105.70): E

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: 164.381 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

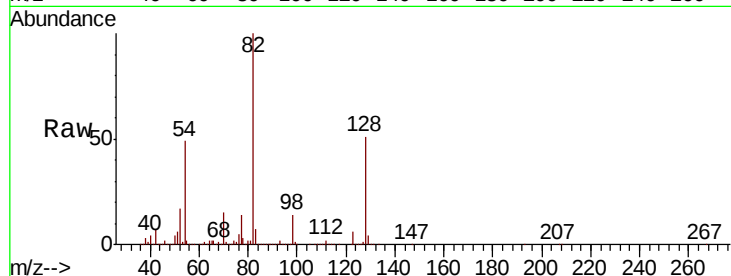
Tot Ion: 82 Resp: 3742168

Ion Ratio Lower Upper

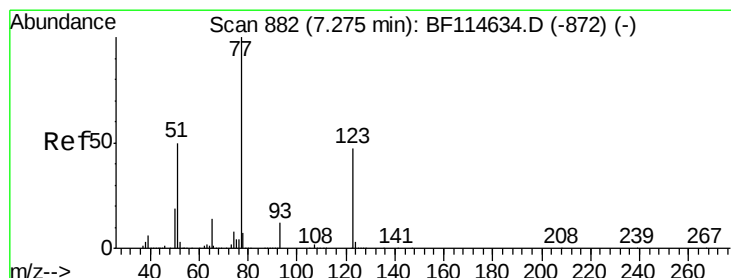
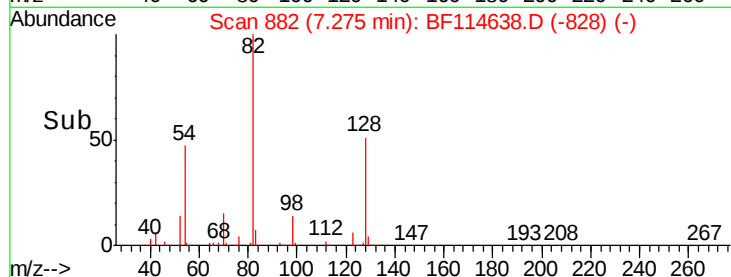
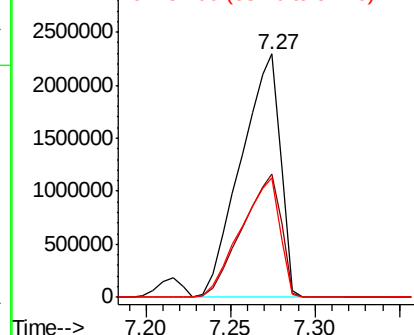
82 100

128 50.8 38.5 57.7

54 49.1 39.1 58.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 82.892 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

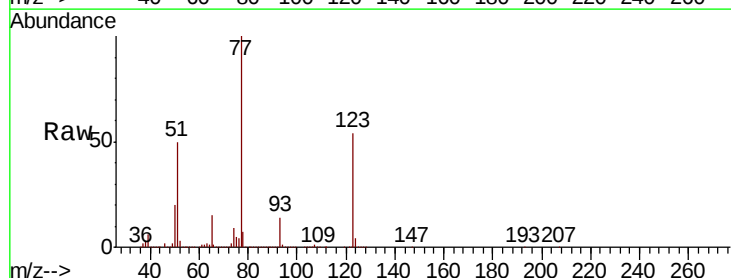
Tgt Ion: 77 Resp: 1921977

Ion Ratio Lower Upper

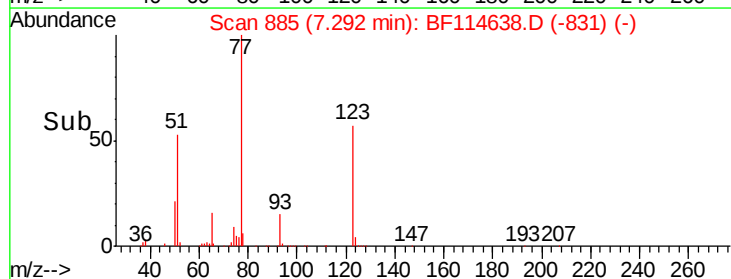
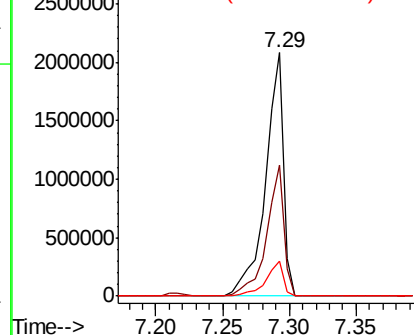
77 100

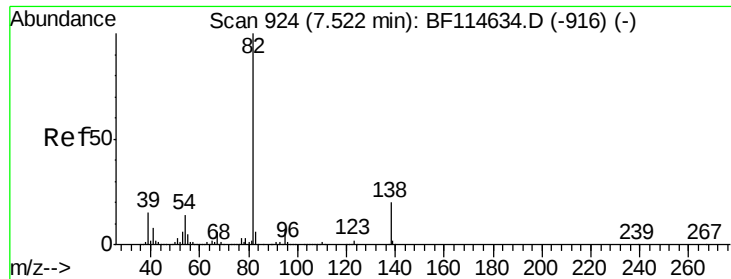
123 53.9 38.5 57.7

65 14.5 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 92.579 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

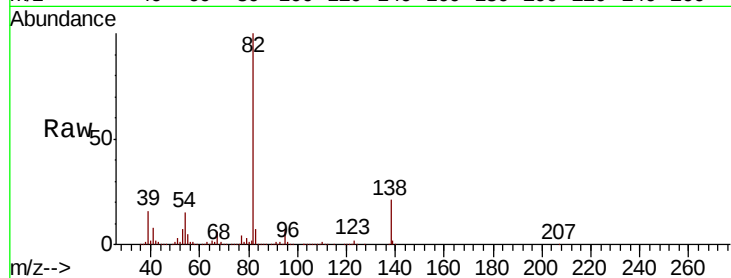
Tot Ion: 82 Resp: 3908726

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

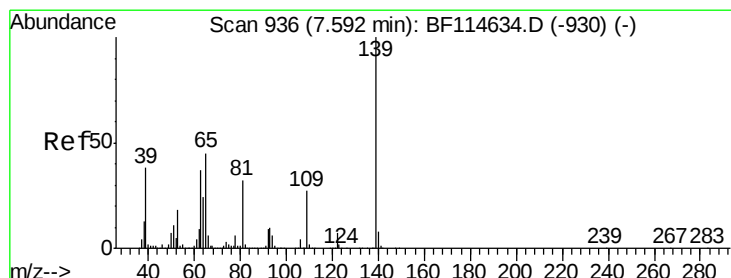
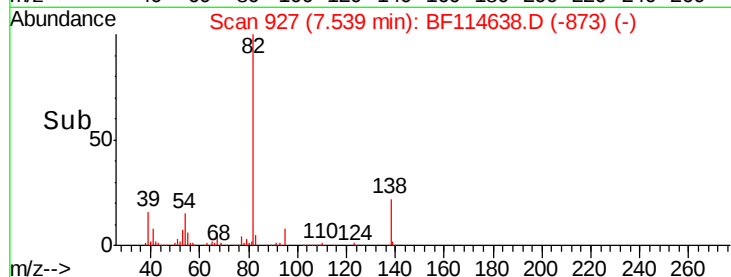
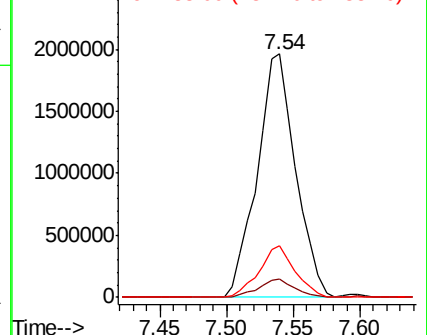
138 21.1 15.9 23.9



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: 94.030 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

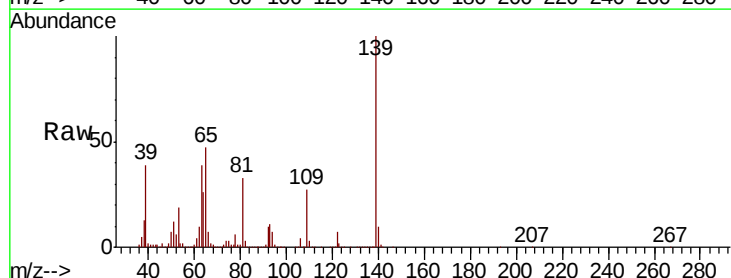
Tgt Ion: 139 Resp: 1057768

Ion Ratio Lower Upper

139 100

109 27.4 21.7 32.5

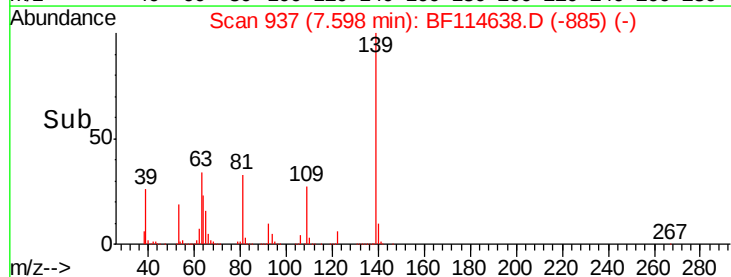
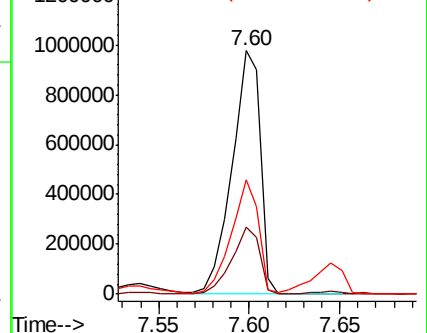
65 47.0 36.3 54.5

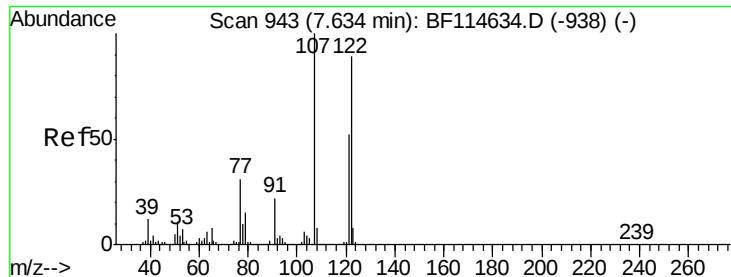


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 91.204 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

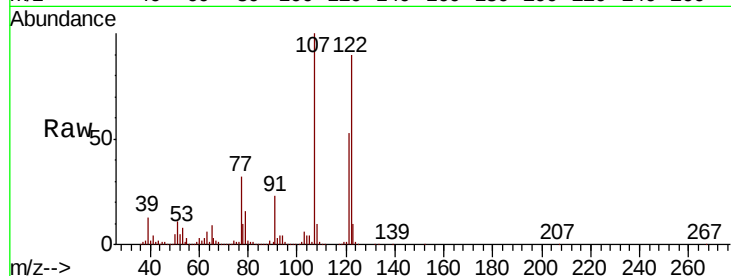
Tot Ion:122 Resp: 1611386

Ion Ratio Lower Upper

122 100

107 111.6 89.3 133.9

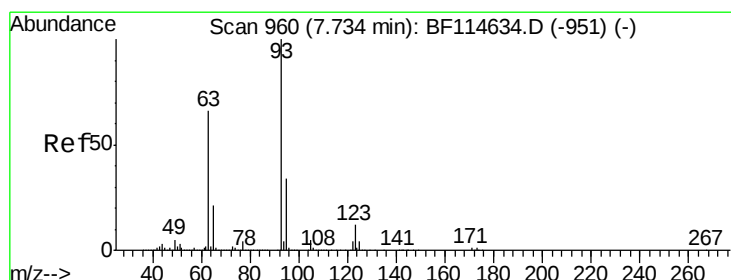
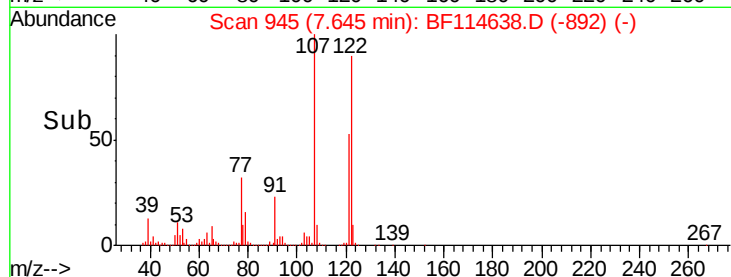
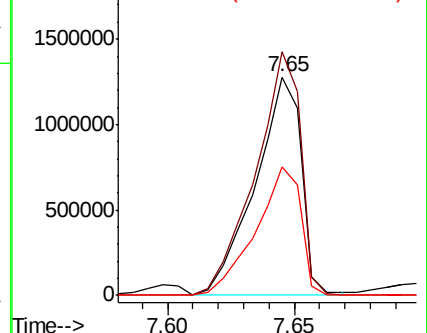
121 58.8 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 84.656 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

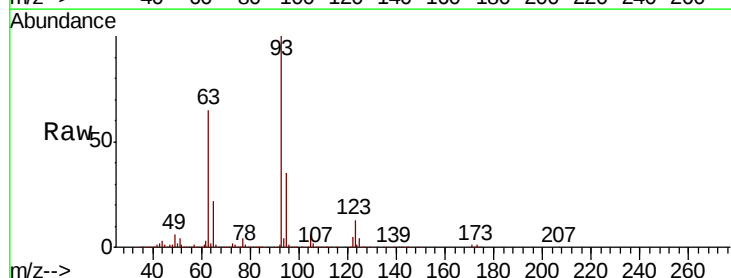
Tgt Ion: 93 Resp: 2319073

Ion Ratio Lower Upper

93 100

95 35.4 27.0 40.4

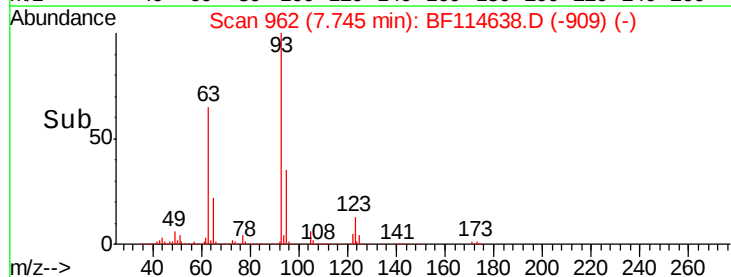
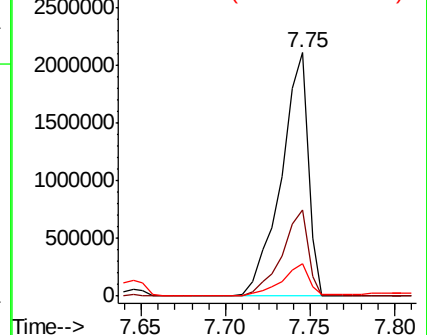
123 13.4 10.2 15.2

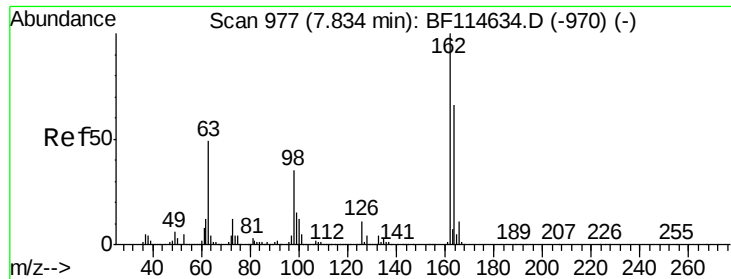


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

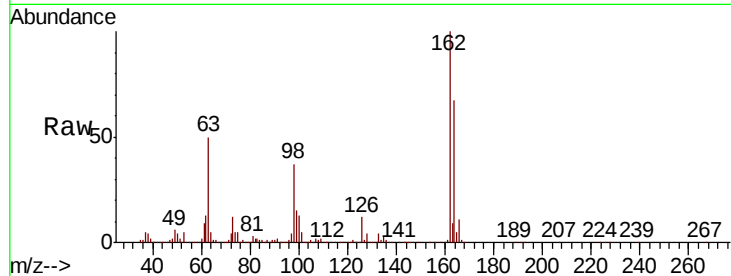




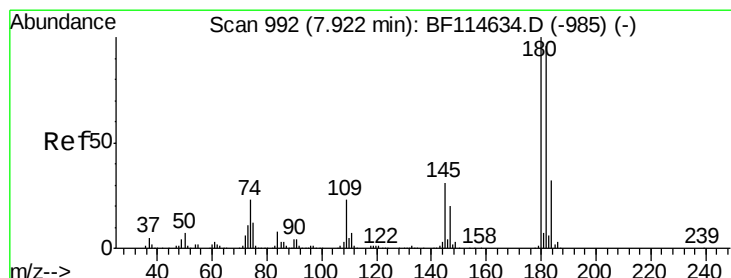
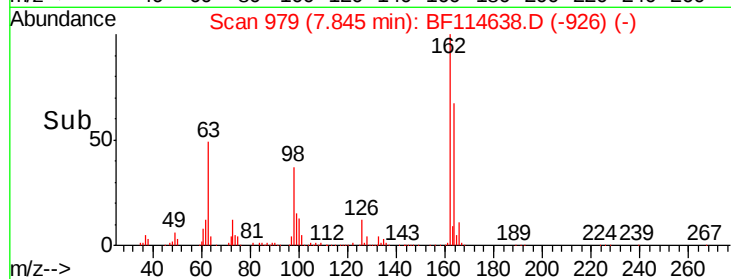
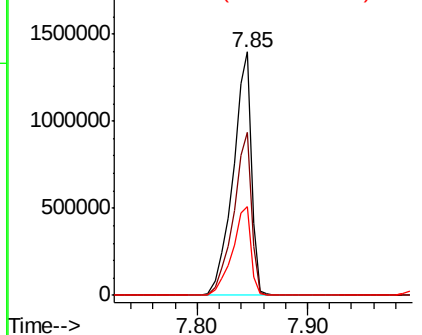
#29
 2,4-Dichlorophenol
 Concen: 92.732 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:162 Resp: 1631442
 Ion Ratio Lower Upper
 162 100
 164 67.0 45.8 85.8
 98 36.6 14.9 54.9

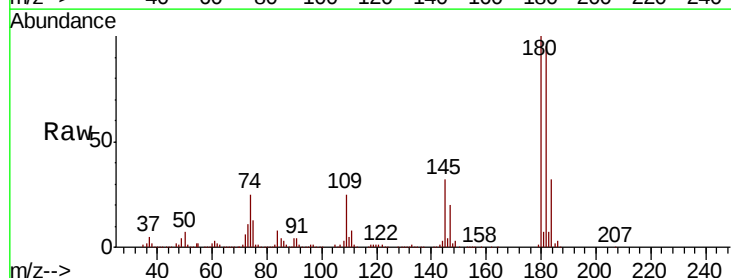


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

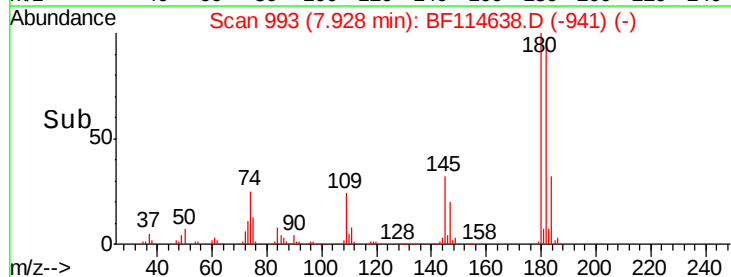
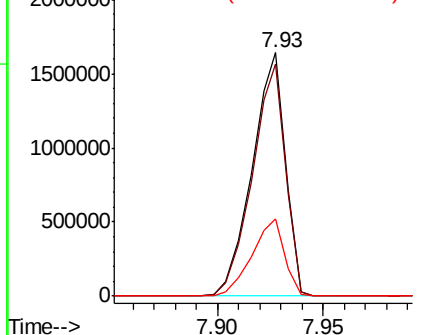


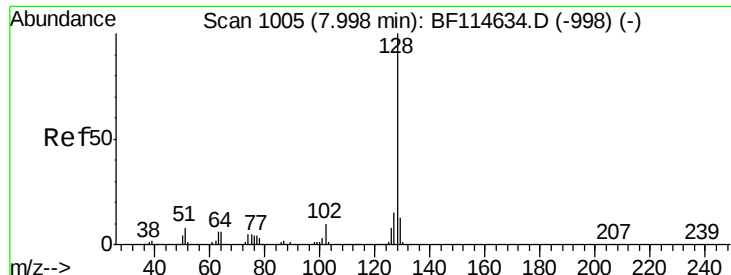
#30
 1,2,4-Trichlorobenzene
 Concen: 89.294 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion:180 Resp: 1786380
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.9 115.3
 145 31.7 24.5 36.7



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

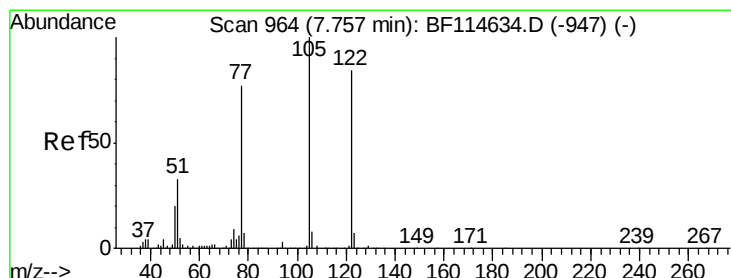
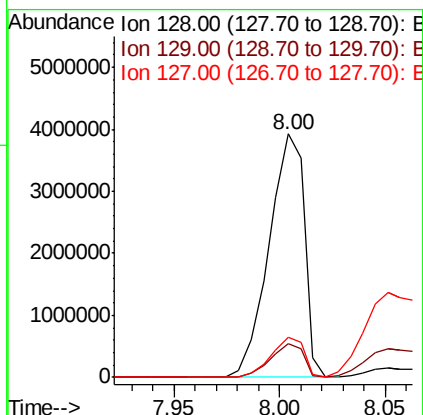
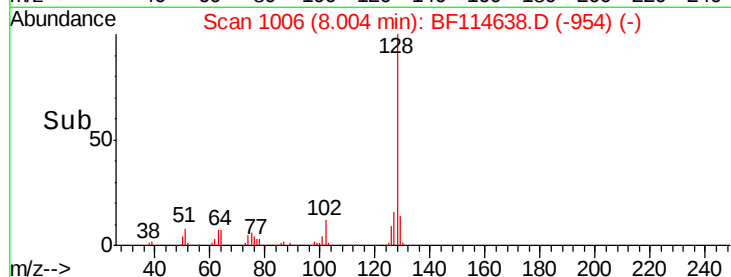
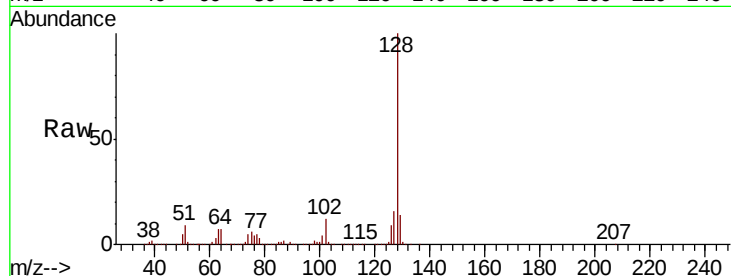




#31
Naphthalene
Concen: 76.708 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

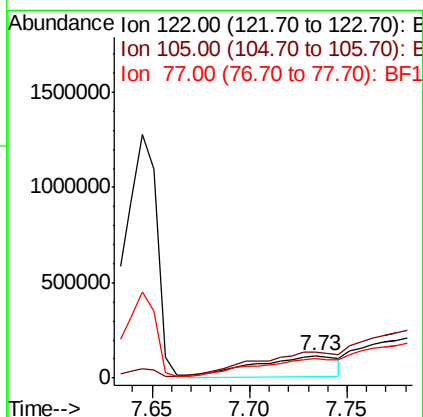
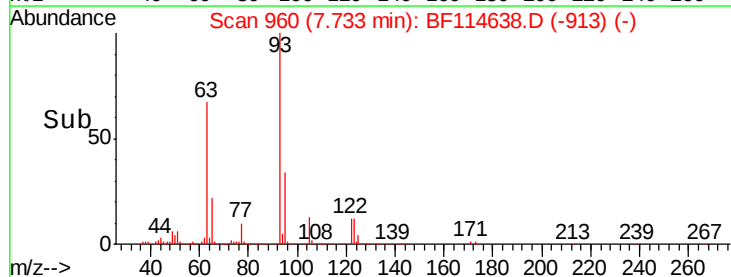
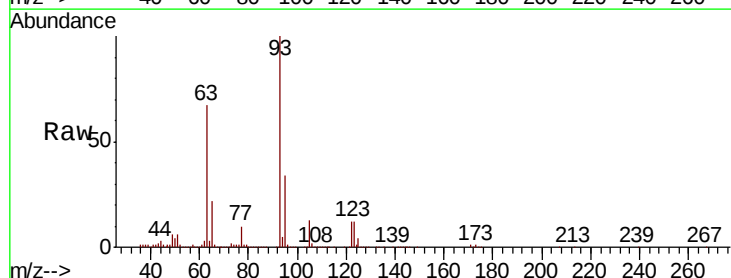
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:128 Resp: 4577791
Ion Ratio Lower Upper
128 100
129 14.1 10.2 15.2
127 16.3 11.9 17.9



#32
Benzoic acid
Concen: 27.525 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:122 Resp: 318449
Ion Ratio Lower Upper
122 100
105 117.0 98.3 138.3
77 87.3 70.7 110.7

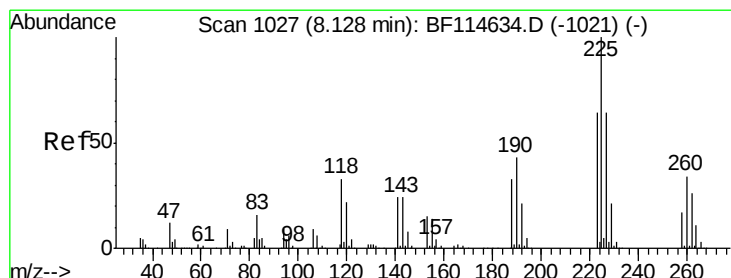
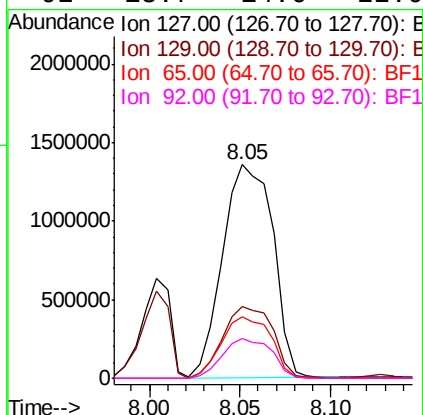
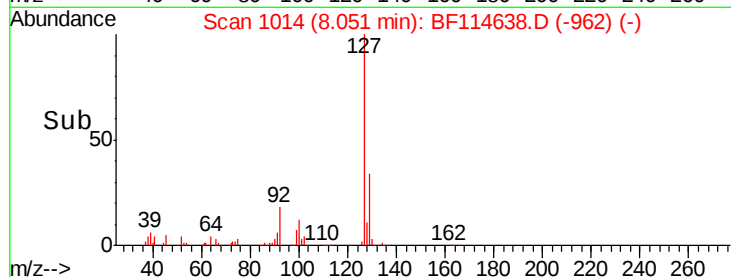
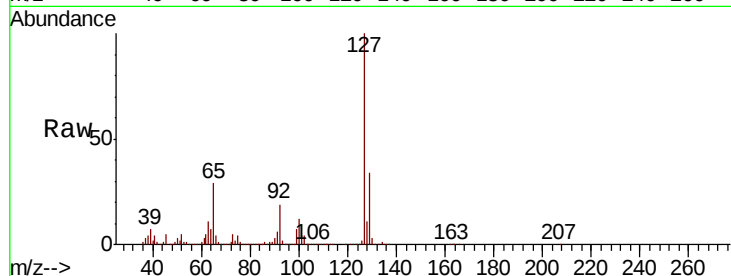




#33
4-Chloroaniline
Concen: 96.205 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

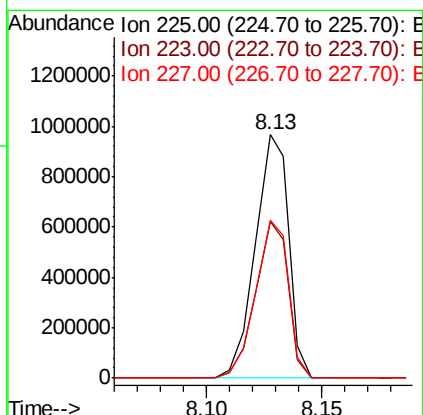
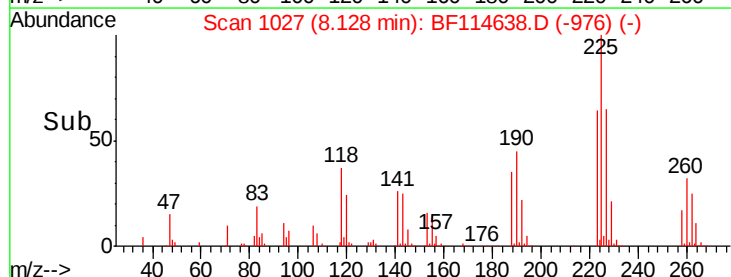
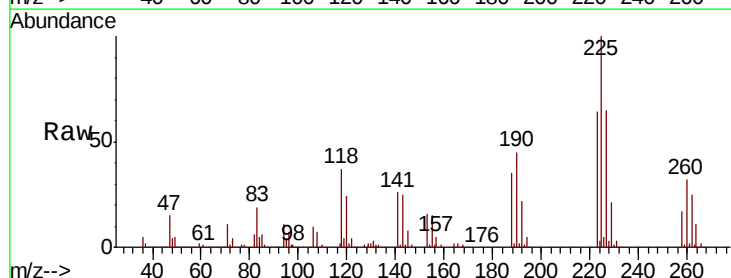
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:127	Resp: 2616277
Ion Ratio	Lower Upper
127 100	
129 33.7	26.7 40.1
65 28.5	22.5 33.7
92 18.7	14.6 22.0



#34
Hexachlorobutadiene
Concen: 85.372 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt	Ion:225	Resp:	971774
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.9	76.3
227	64.7	51.3	76.9





#35

Caprolactam

Concen: 86.932 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.04 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

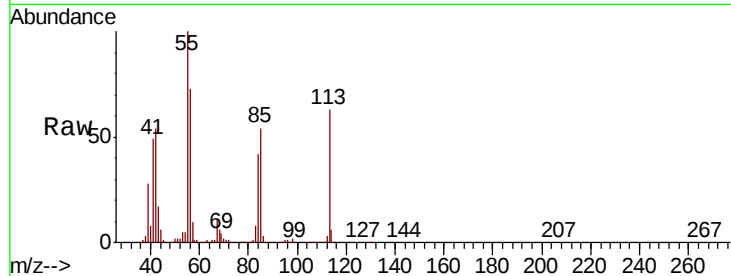
Tot Ion:113 Resp: 498695

Ion Ratio Lower Upper

113 100

55 159.4 136.4 176.4

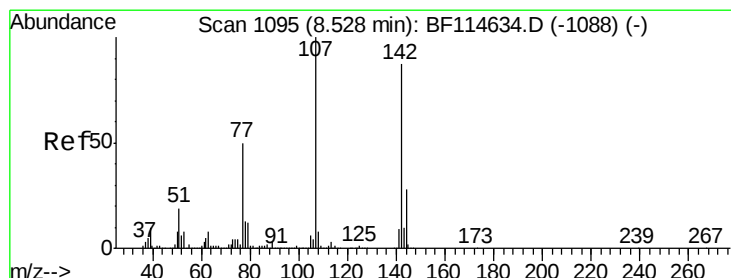
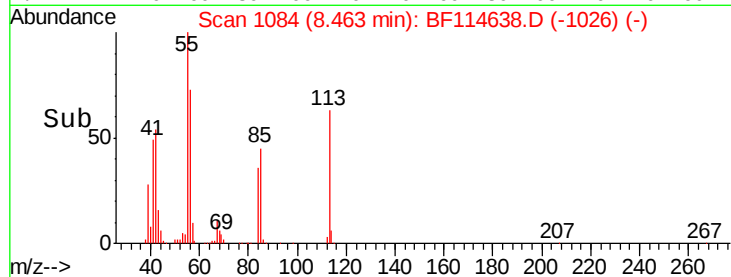
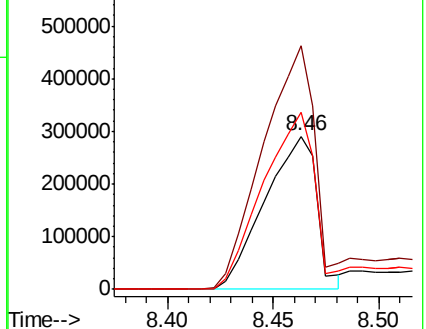
56 115.8 97.0 137.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 94.054 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

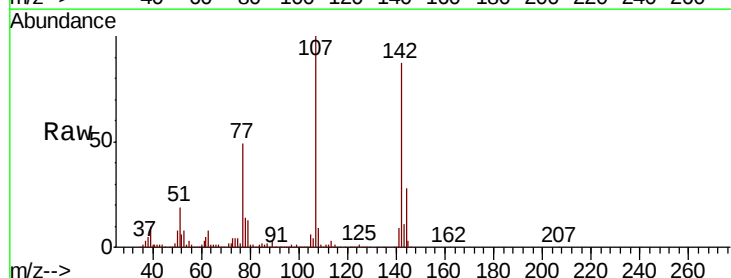
Tgt Ion:107 Resp: 1665598

Ion Ratio Lower Upper

107 100

144 28.5 22.5 33.7

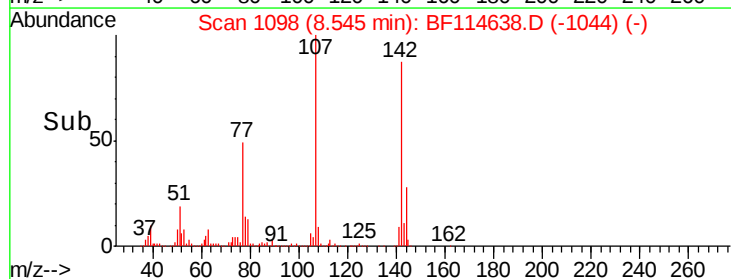
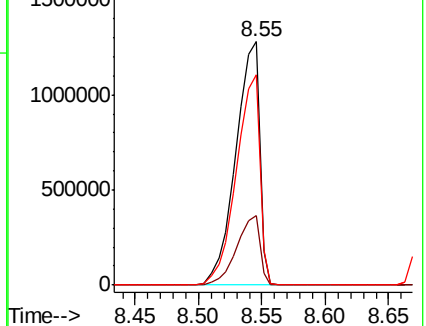
142 86.6 69.8 104.6

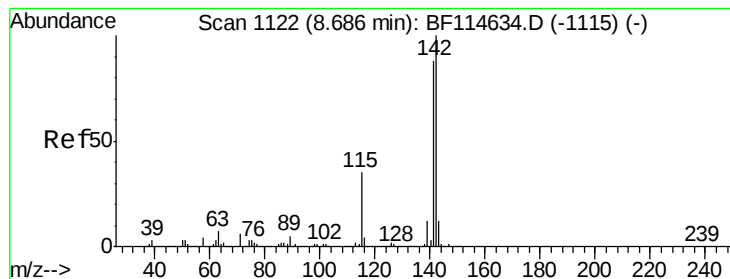


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 83.555 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

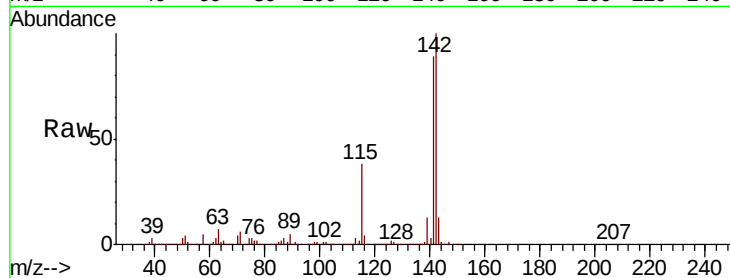
Tot Ion:142 Resp: 3217180

Ion Ratio Lower Upper

142 100

141 89.2 70.3 105.5

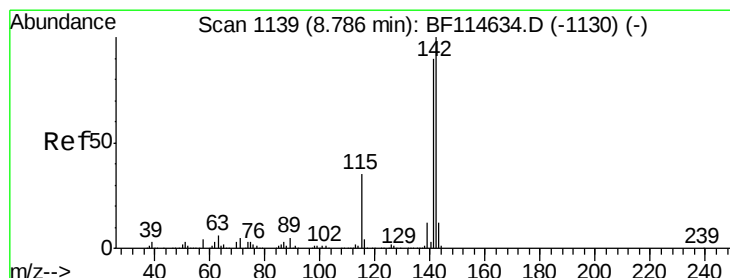
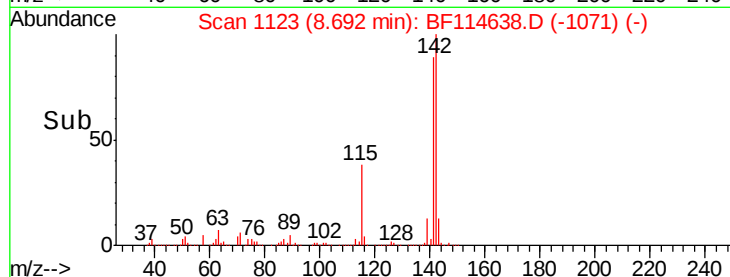
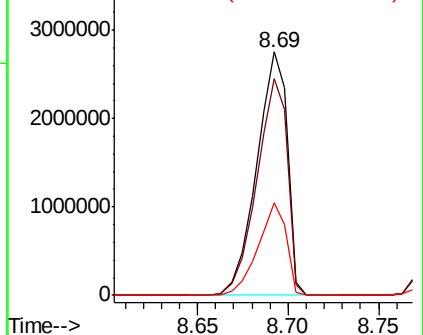
115 38.2 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 84.212 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

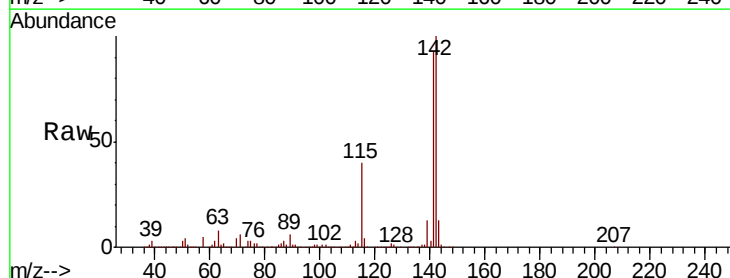
Tgt Ion:142 Resp: 3053516

Ion Ratio Lower Upper

142 100

141 93.1 72.3 108.5

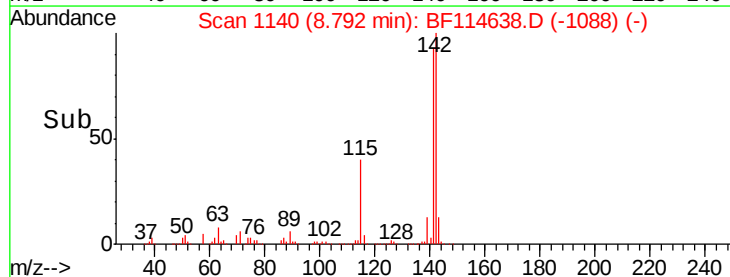
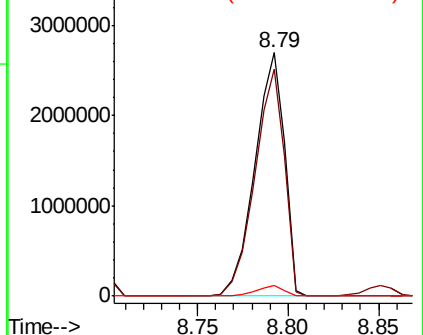
116 4.3 3.0 4.4

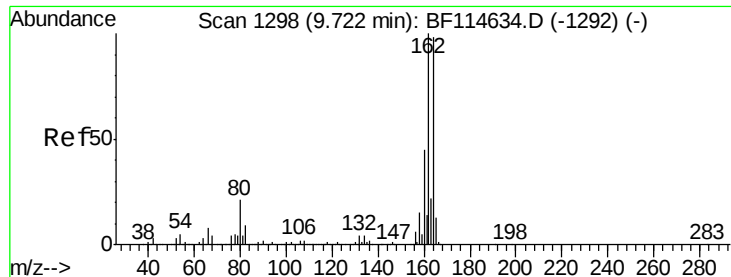


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

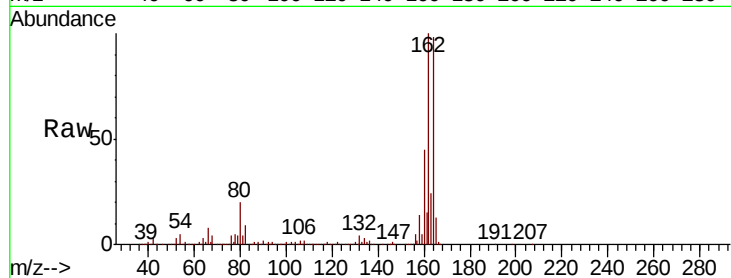
Tot Ion:164 Resp: 632316

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

160 46.0 36.6 54.8

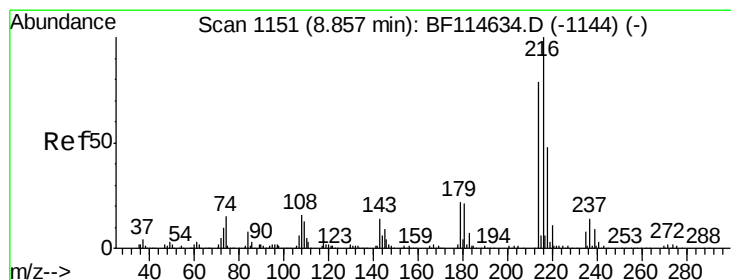
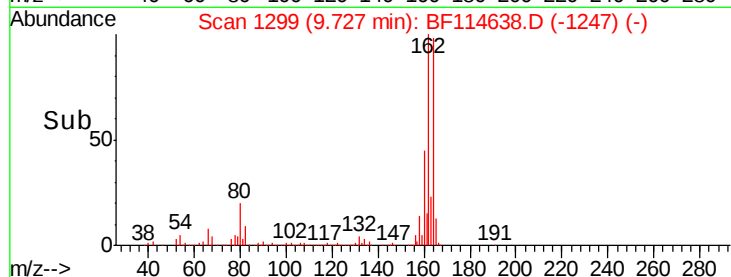
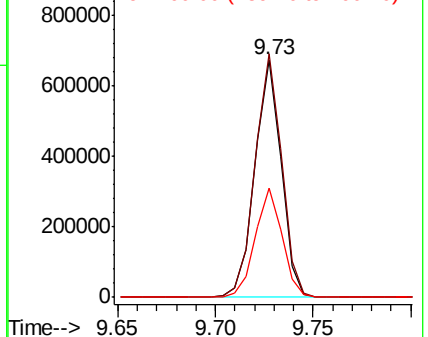


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.053 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Tgt Ion:216 Resp: 1341804

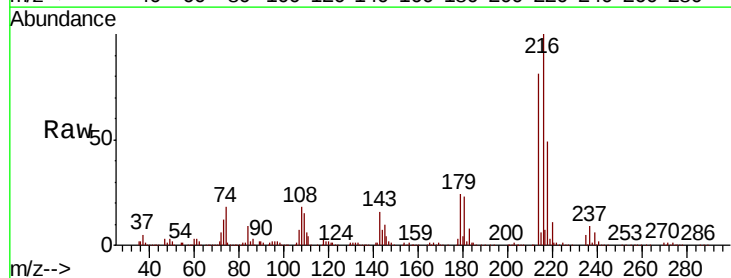
Ion Ratio Lower Upper

216 100

214 79.9 63.2 94.8

179 22.9 17.9 26.9

108 19.9 15.8 23.8



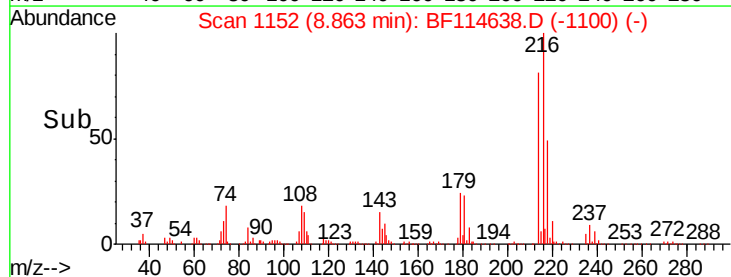
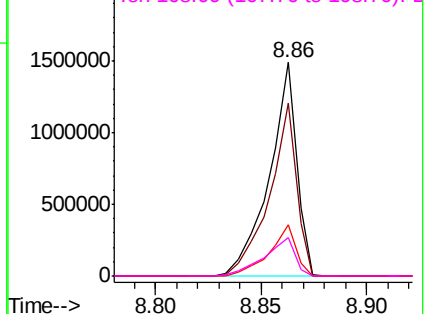
Abundance

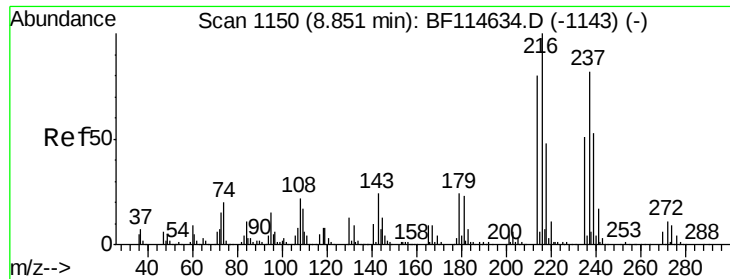
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 116.932 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

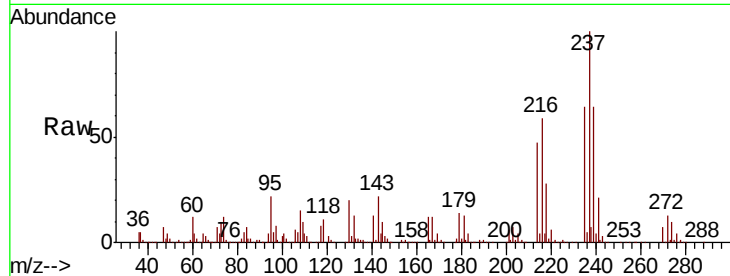
Tot Ion:237 Resp: 942407

Ion Ratio Lower Upper

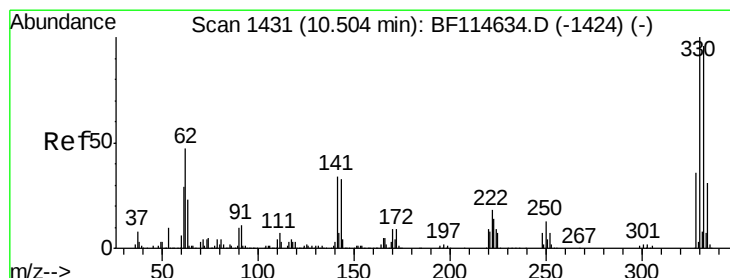
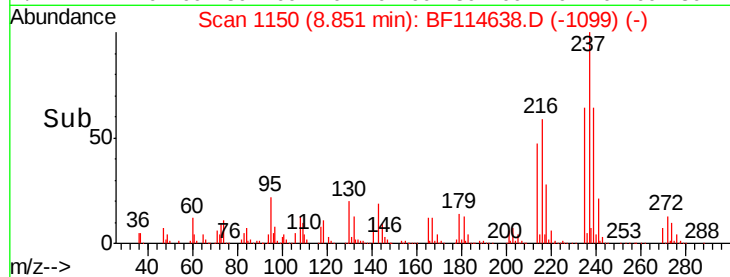
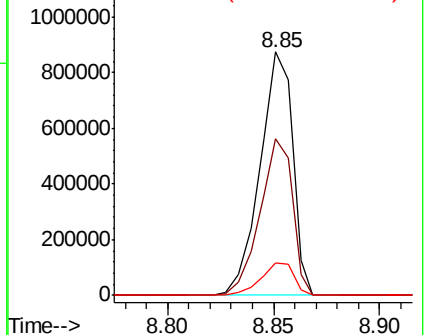
237 100

235 64.4 42.8 82.8

272 13.1 0.0 33.7



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: 156.659 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

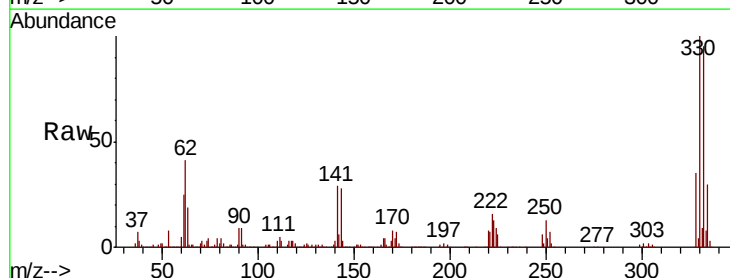
Tgt Ion:330 Resp: 1024090

Ion Ratio Lower Upper

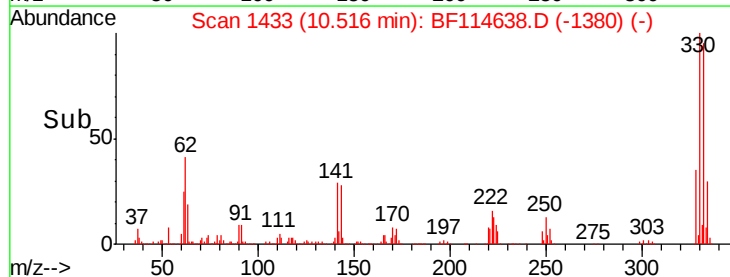
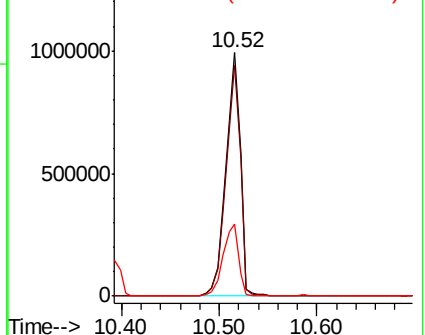
330 100

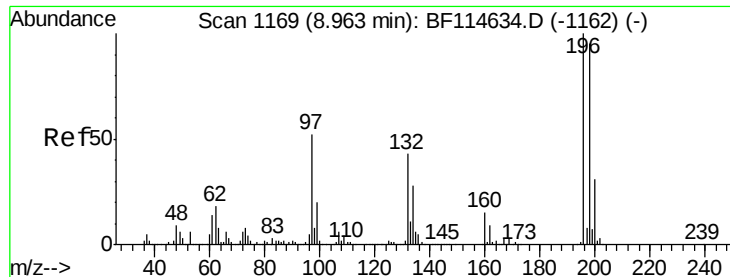
332 95.6 75.8 113.8

141 31.9 27.8 41.8



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

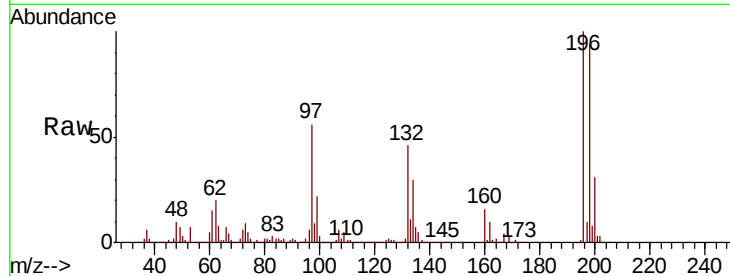




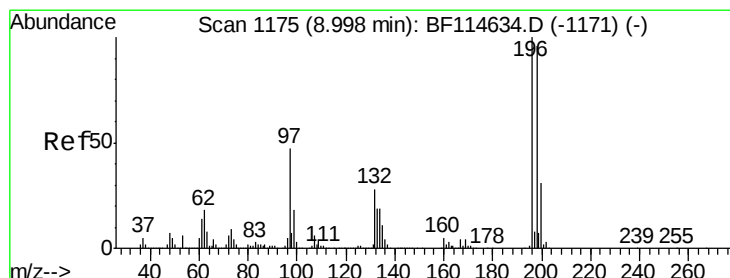
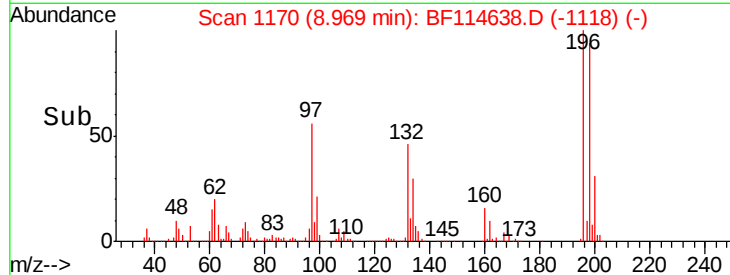
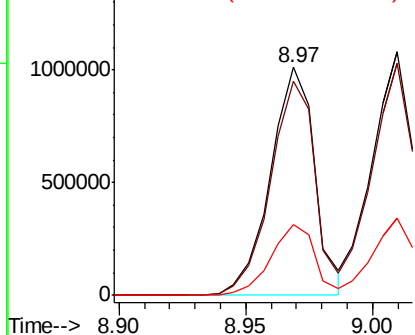
#43
 2,4,6-Trichlorophenol
 Concen: 93.042 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:196 Resp: 1225807
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.1 114.1
 200 31.2 24.7 37.1

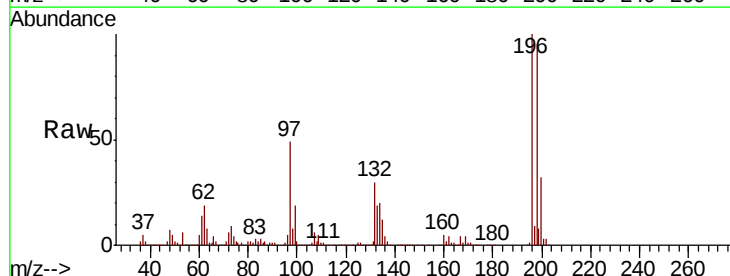


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

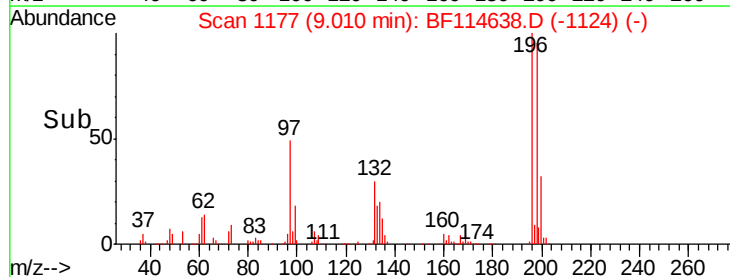
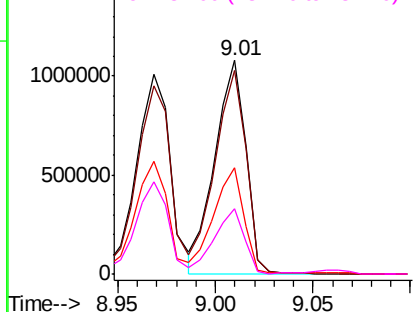


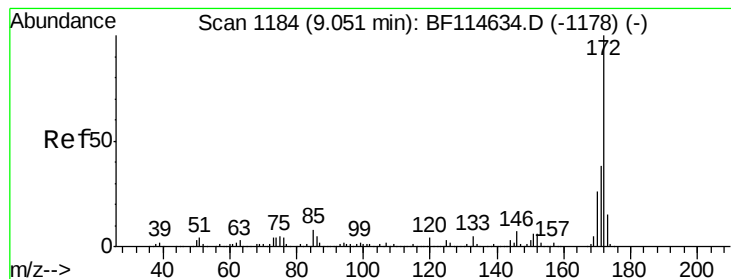
#44
 2,4,5-Trichlorophenol
 Concen: 87.940 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion:196 Resp: 1188185
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.8 115.2
 97 49.5 37.8 56.8
 132 30.5 22.6 33.8



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





#45

2-Fluorobiphenyl

Concen: 124.185 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

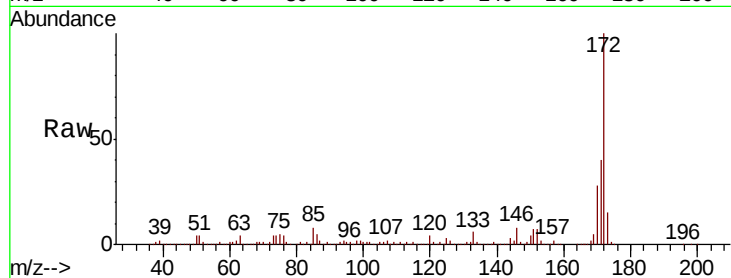
BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:172 Resp: 5191097

Ion	Ratio	Lower	Upper
172	100		
171	40.3	30.6	45.8
170	27.6	20.7	31.1

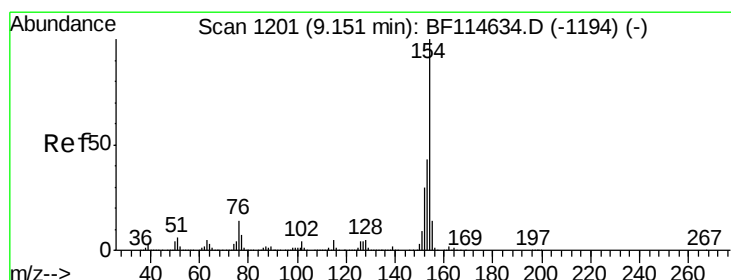
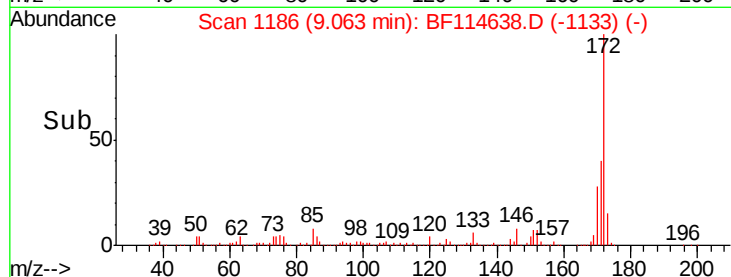
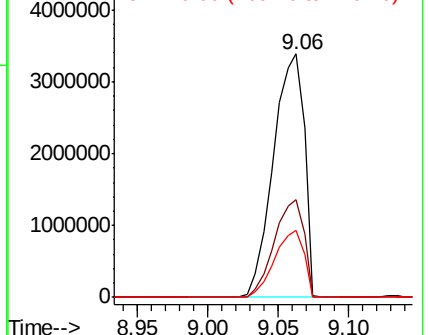


Abundance

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: 67.558 ng

RT: 9.16 min Scan# 1203

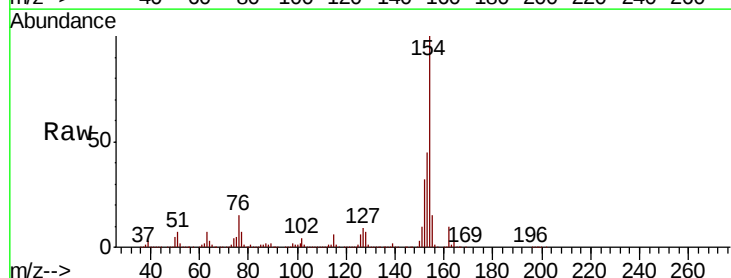
Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Tgt Ion:154 Resp: 3451021

Ion	Ratio	Lower	Upper
154	100		
153	45.5	23.0	63.0
76	14.6	0.0	33.9

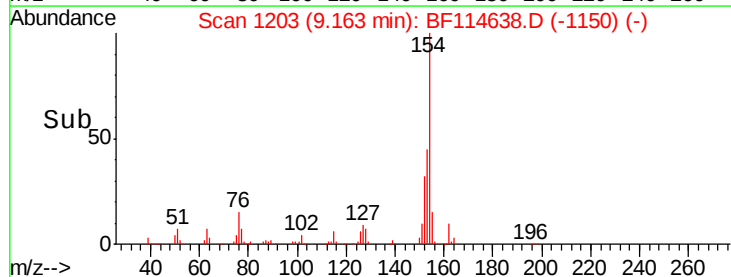
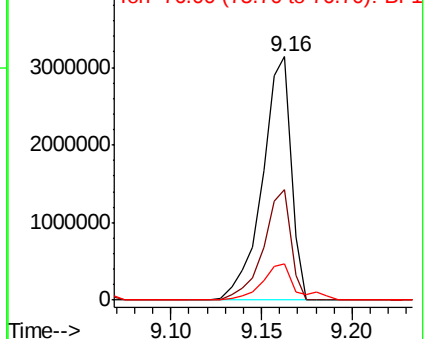


Abundance

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: 76.732 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

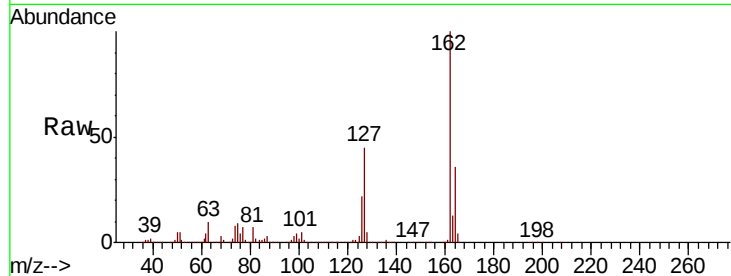
Tot Ion:162 Resp: 3154531

Ion Ratio Lower Upper

162 100

127 45.3 32.2 48.2

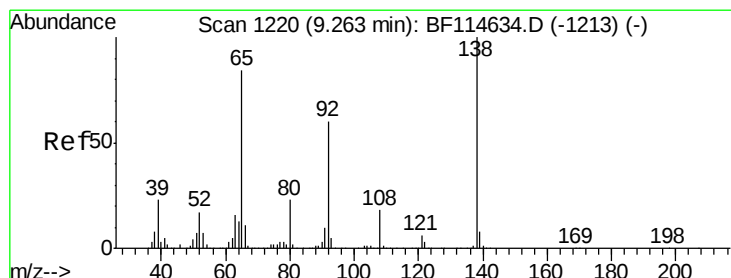
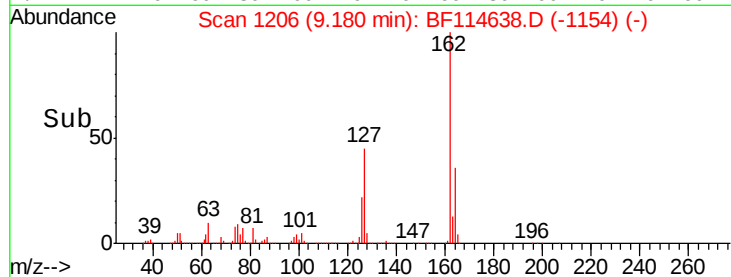
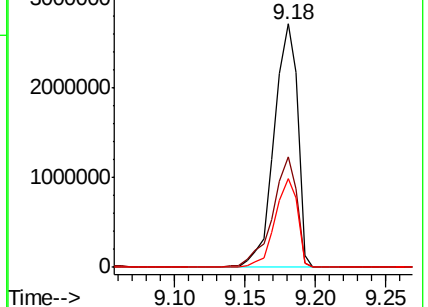
164 36.3 27.8 41.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 76.604 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

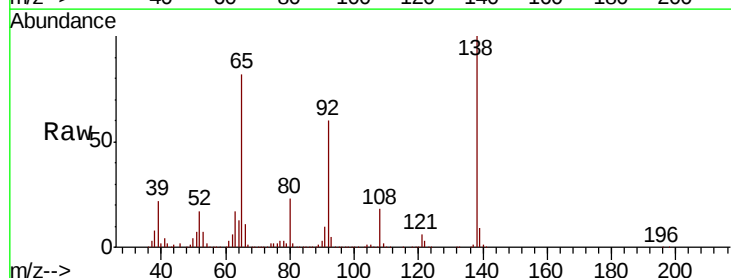
Tgt Ion: 65 Resp: 1116878

Ion Ratio Lower Upper

65 100

92 73.3 57.1 85.7

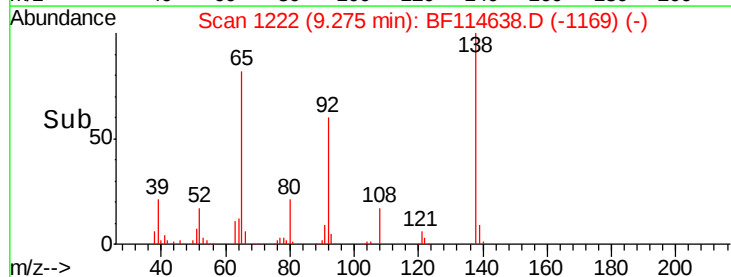
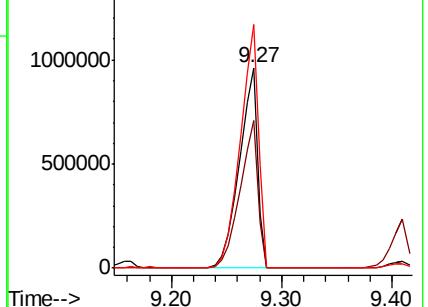
138 121.3 95.8 143.6

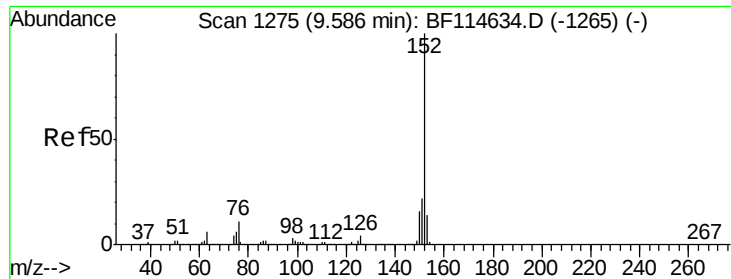


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 72.683 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

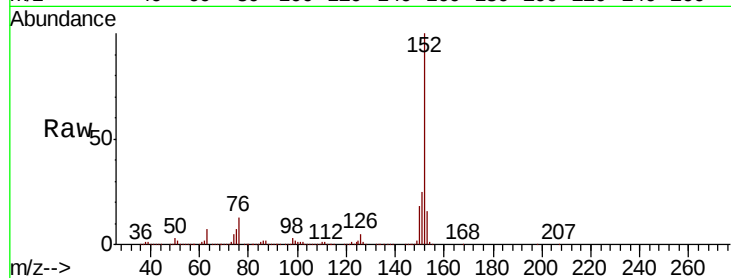
Tot Ion:152 Resp: 4544646

Ion Ratio Lower Upper

152 100

151 24.5 17.5 26.3

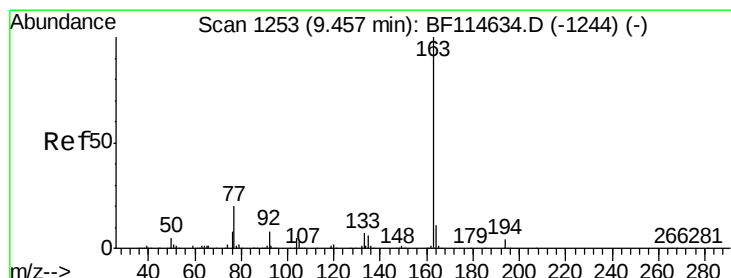
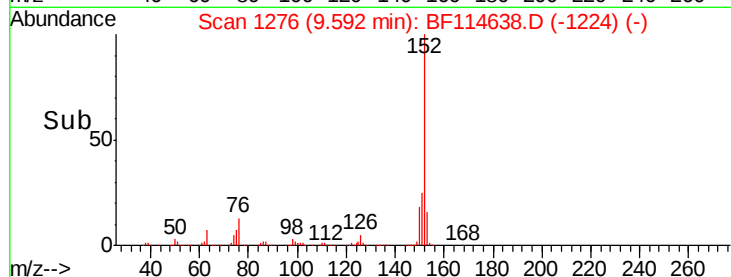
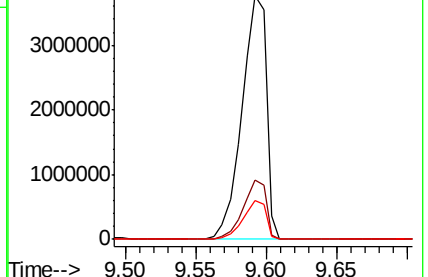
153 16.0 11.6 17.4



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: 80.231 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

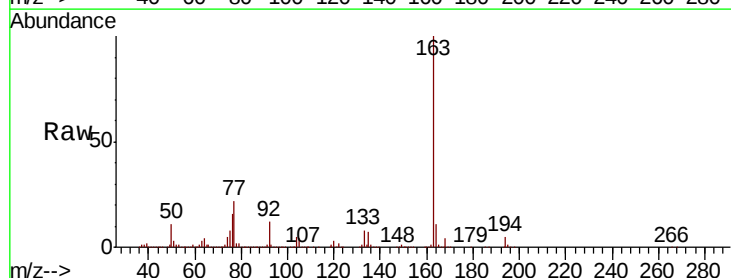
Tgt Ion:163 Resp: 3724179

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

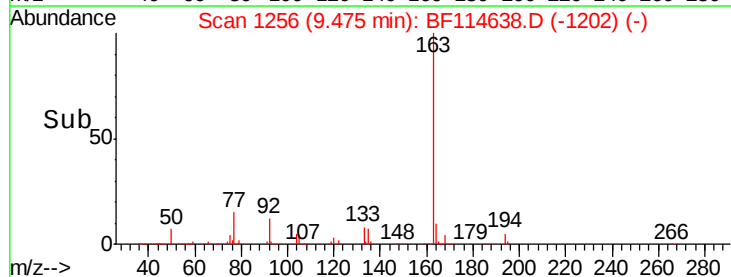
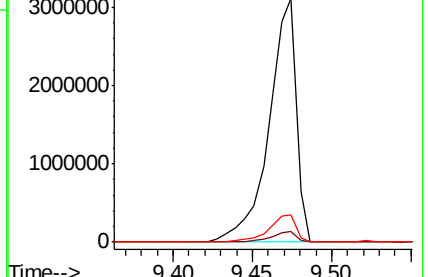
164 11.4 8.6 13.0

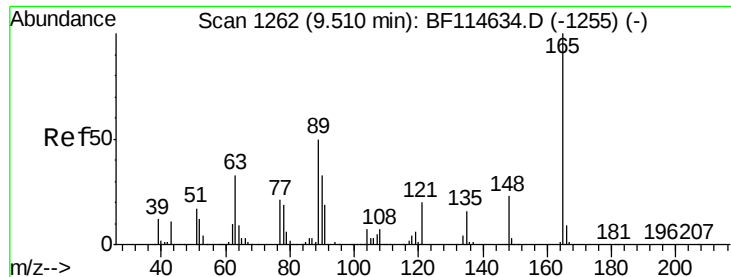


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

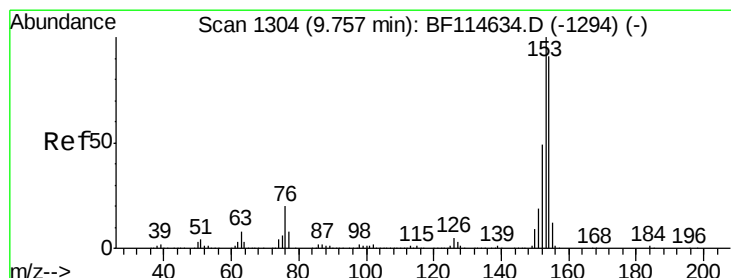
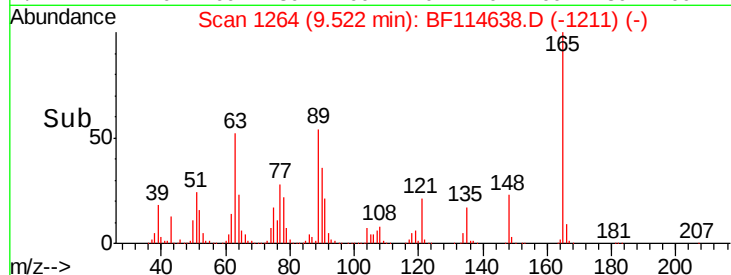
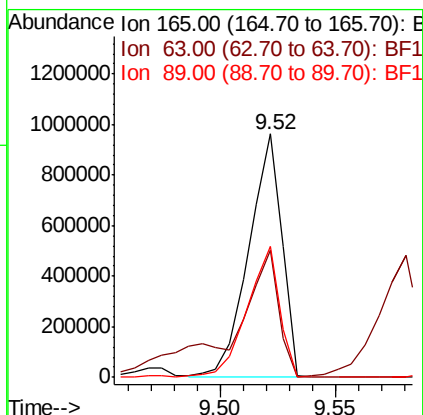
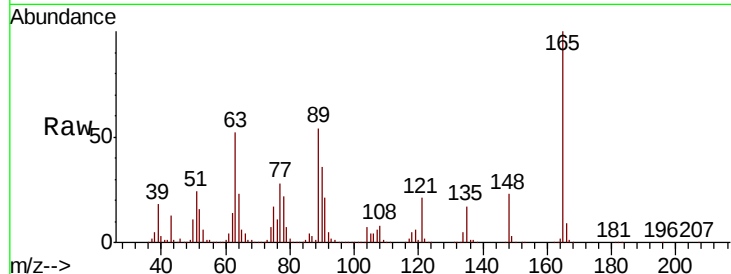




#51
 2,6-Dinitrotoluene
 Concen: 93.912 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

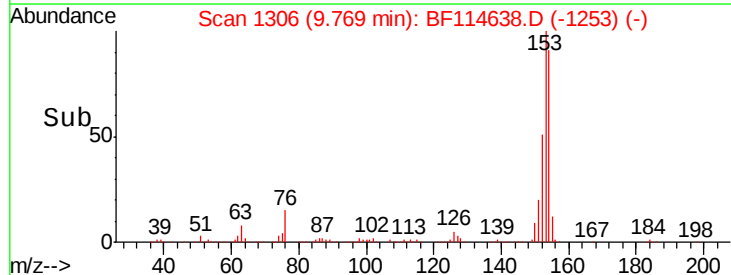
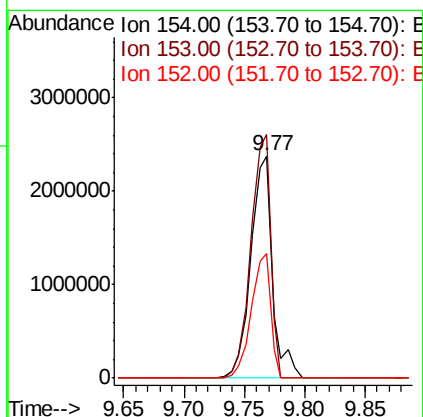
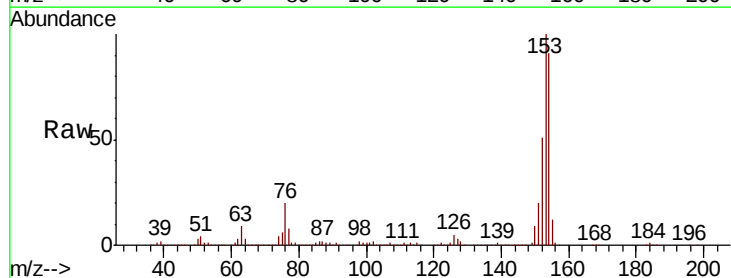
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

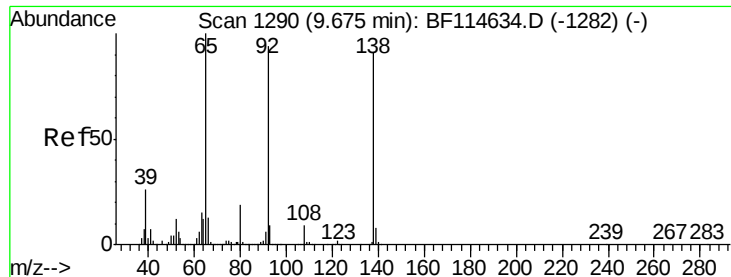
Tot Ion:165 Resp: 966867
 Ion Ratio Lower Upper
 165 100
 63 52.2 36.6 54.8
 89 53.7 40.2 60.4



#52
 Acenaphthene
 Concen: 77.904 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion:154 Resp: 2989109
 Ion Ratio Lower Upper
 154 100
 153 109.7 88.4 132.6
 152 56.4 43.4 65.0

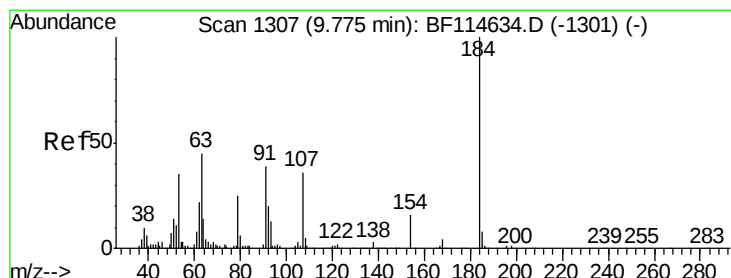
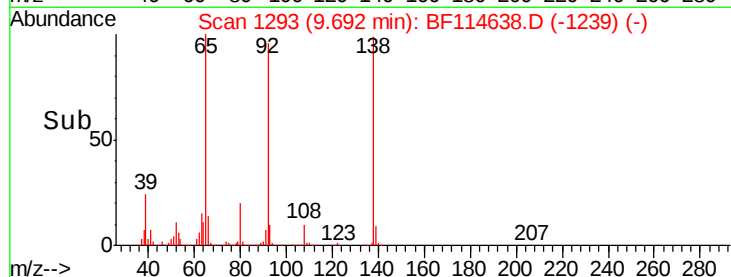
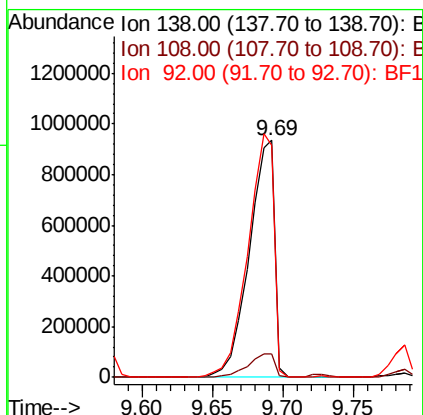
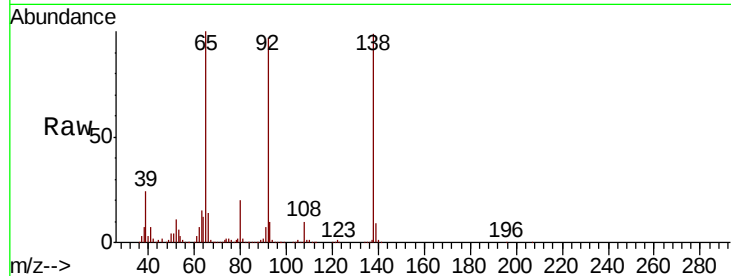




#53
3-Nitroaniline
Concen: 92.946 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

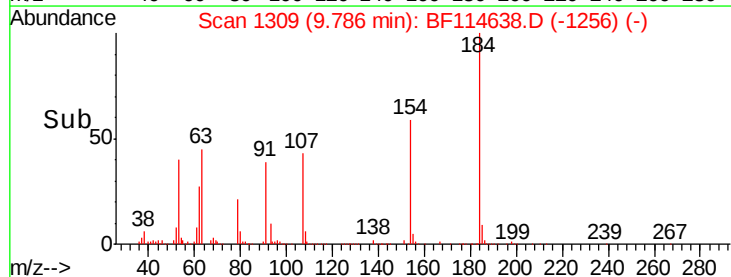
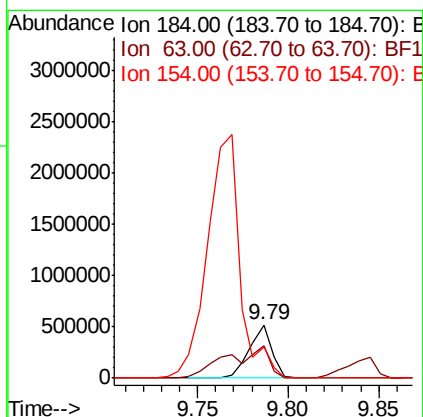
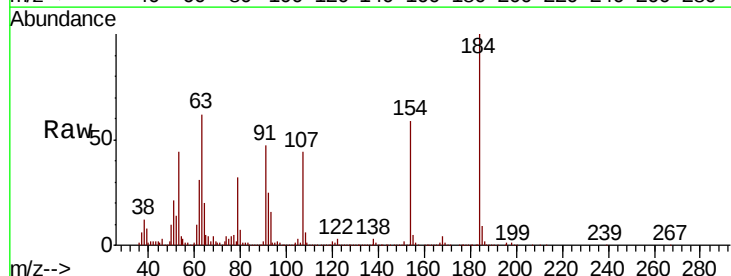
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

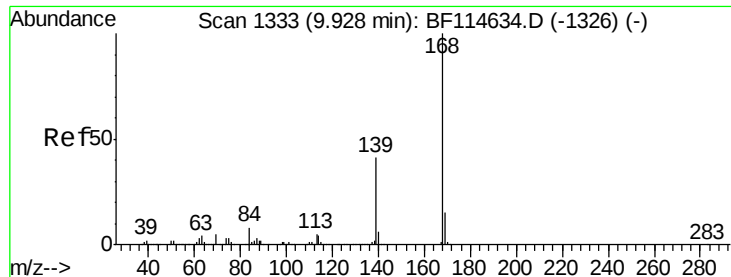
Tot Ion:138 Resp: 1187866
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 97.9 83.1 124.7



#54
2,4-Dinitrophenol
Concen: 110.537 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:184 Resp: 456435
Ion Ratio Lower Upper
184 100
63 61.6 38.8 58.2#
154 59.3 43.7 65.5

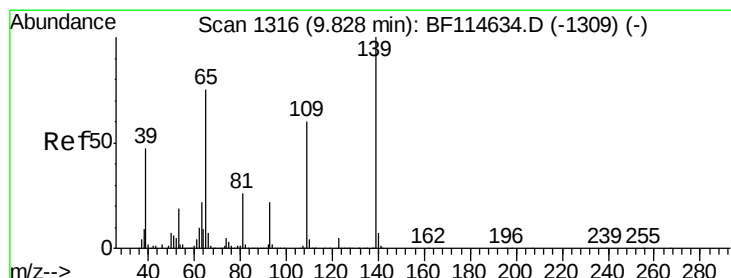
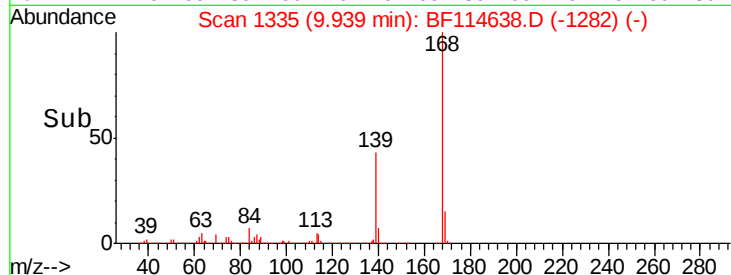
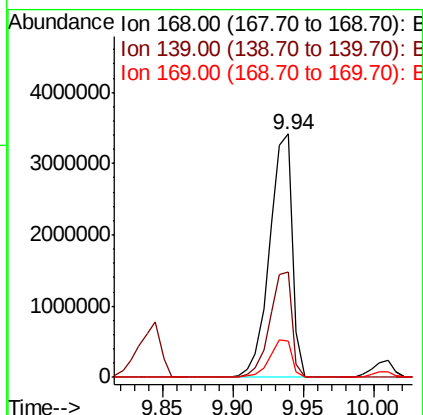
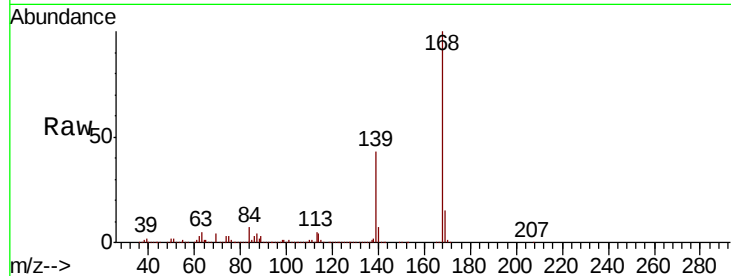




#55
Dibenzofuran
Concen: 68.477 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

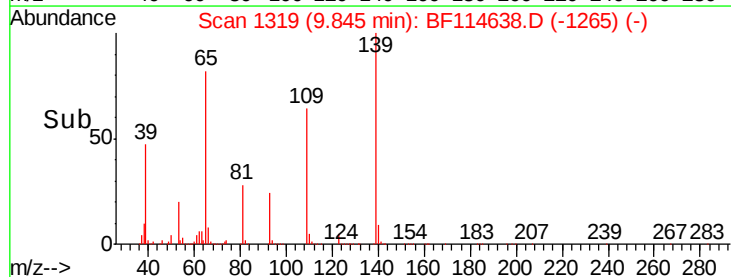
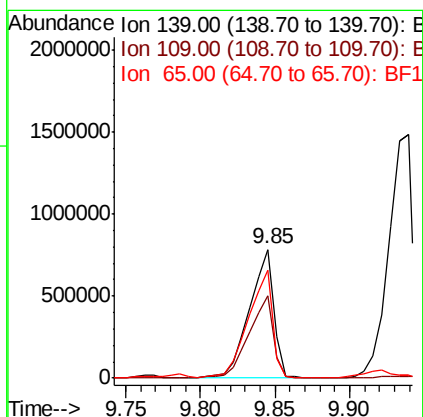
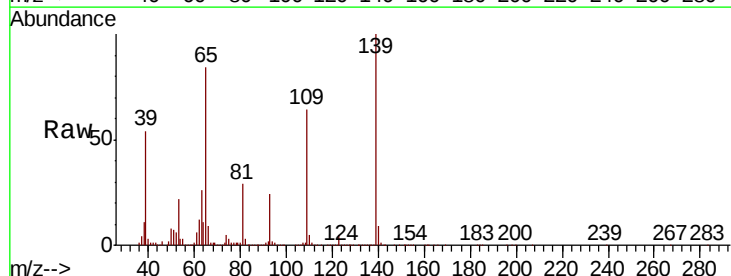
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

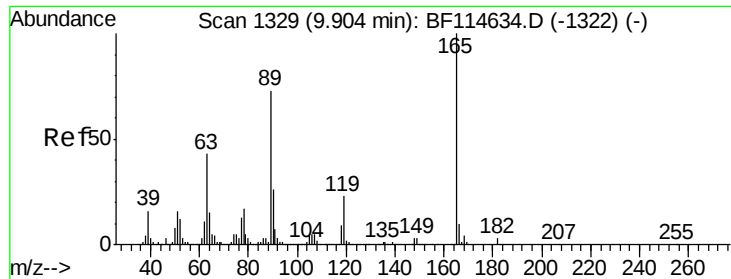
Tot Ion:168 Resp: 3852716
Ion Ratio Lower Upper
168 100
139 43.5 32.6 48.8
169 15.1 11.8 17.8



#56
4-Nitrophenol
Concen: 98.185 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:139 Resp: 887399
Ion Ratio Lower Upper
139 100
109 64.3 40.4 80.4
65 84.2 54.7 94.7

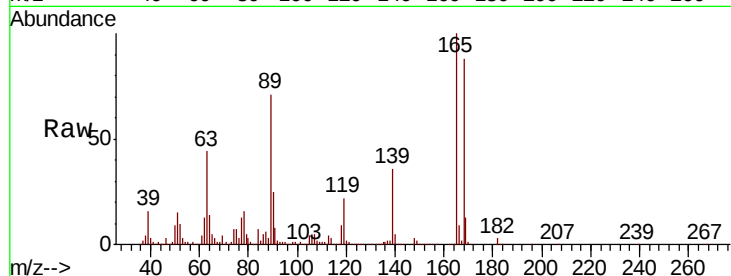




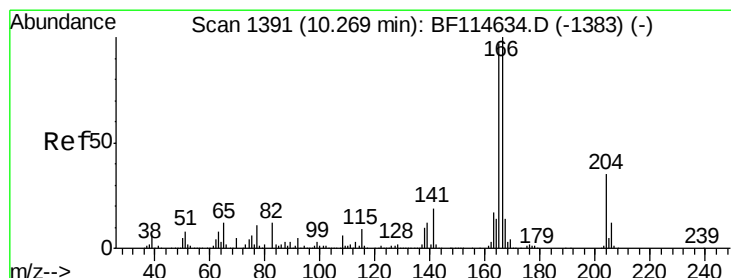
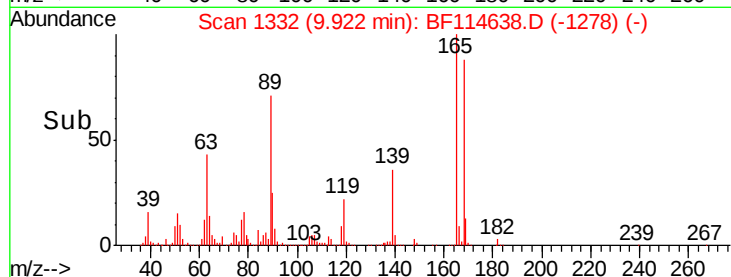
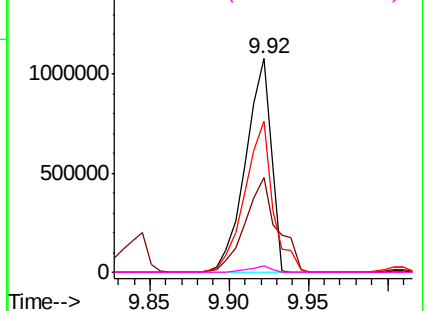
#57
2,4-Dinitrotoluene
Concen: 86.091 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:165 Resp: 1203034
Ion Ratio Lower Upper
165 100
63 44.4 34.8 52.2
89 71.0 58.5 87.7
182 2.9 2.2 3.2

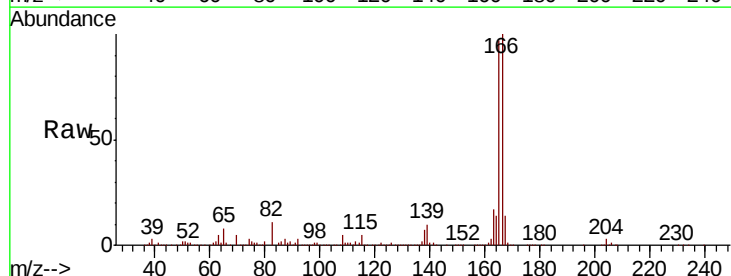


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

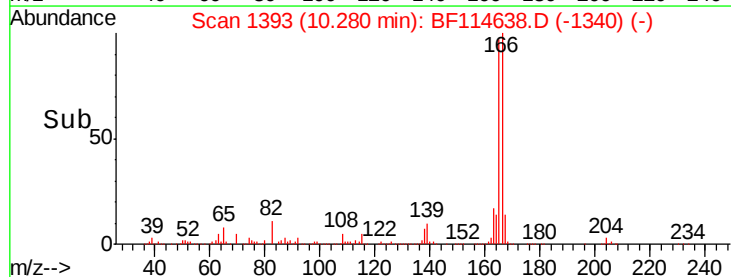
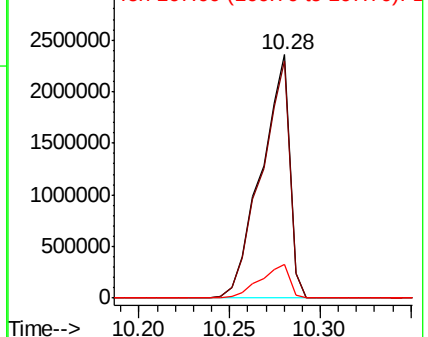


#58
Fluorene
Concen: 59.135 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:166 Resp: 2569898
Ion Ratio Lower Upper
166 100
165 97.3 77.6 116.4
167 13.9 11.2 16.8



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

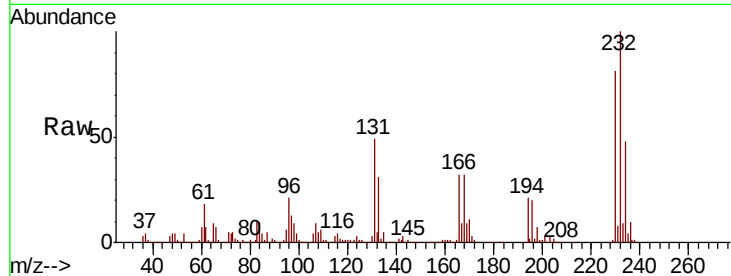




#59
2,3,4,6-Tetrachlorophenol
Concen: 80.687 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.2	55.8
130	2.4	1.8	2.8
166	31.1	24.8	37.2



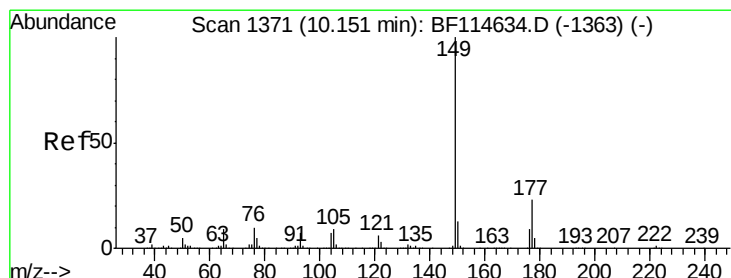
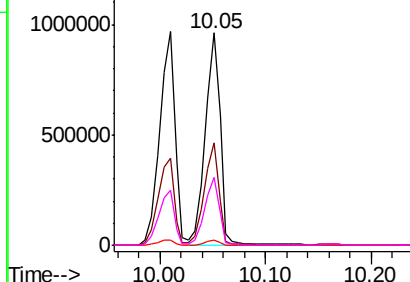
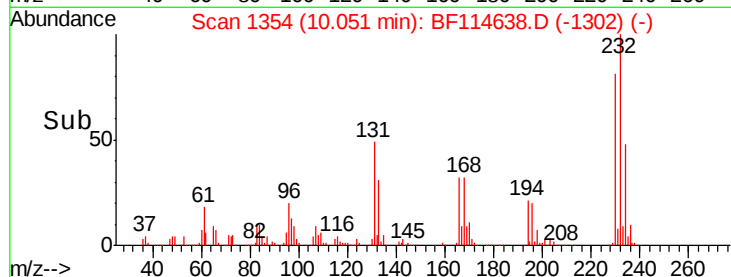
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

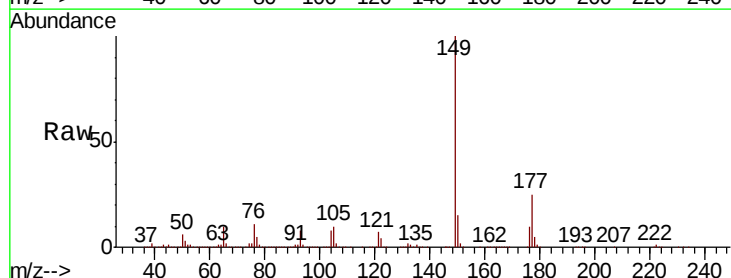
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 78.854 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.6	28.0
150	14.7	10.6	15.8

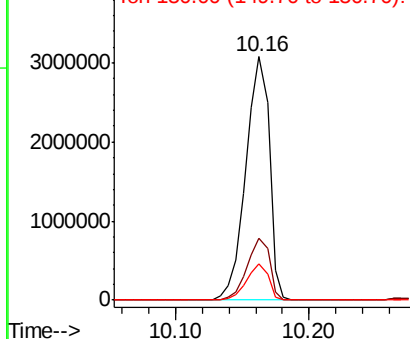
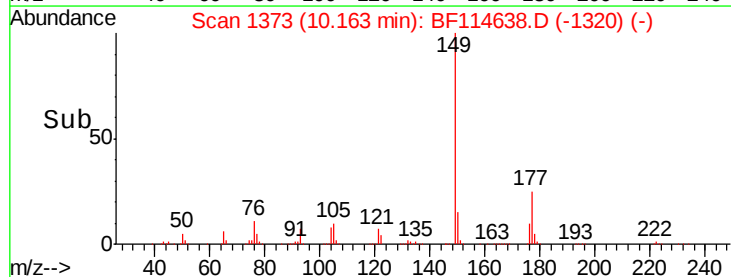


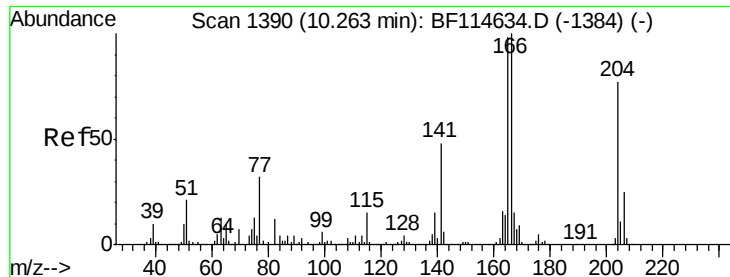
Abundance

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: 60.168 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

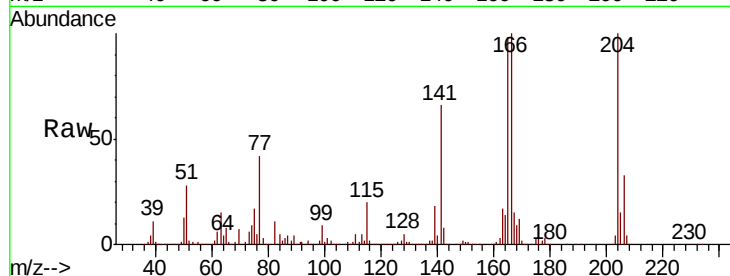
Tot Ion:204 Resp: 1284262

Ion Ratio Lower Upper

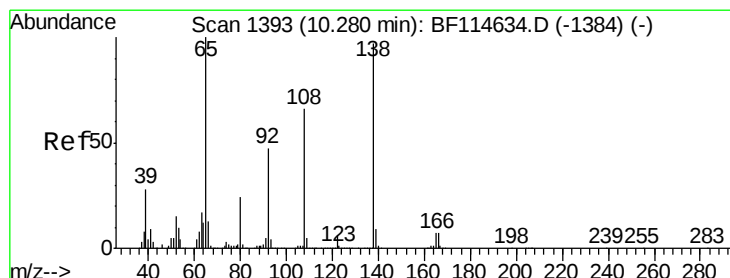
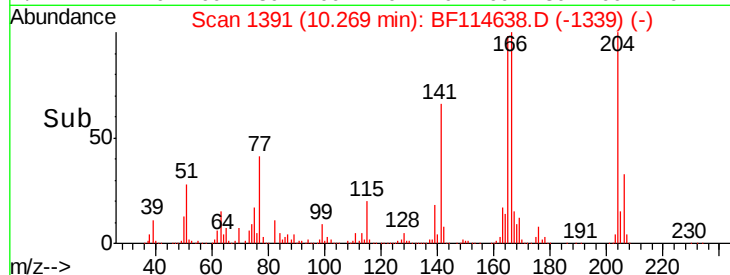
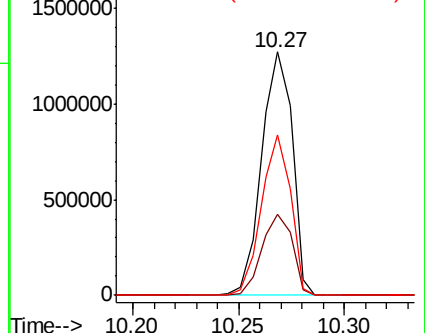
204 100

206 33.2 26.4 39.6

141 66.0 50.0 75.0



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



#62

4-Nitroaniline

Concen: 87.353 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.03 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

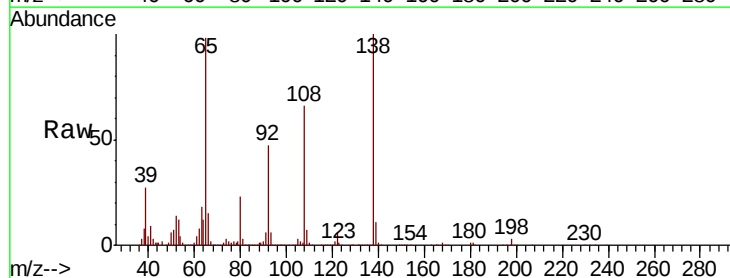
Tgt Ion:138 Resp: 1173112

Ion Ratio Lower Upper

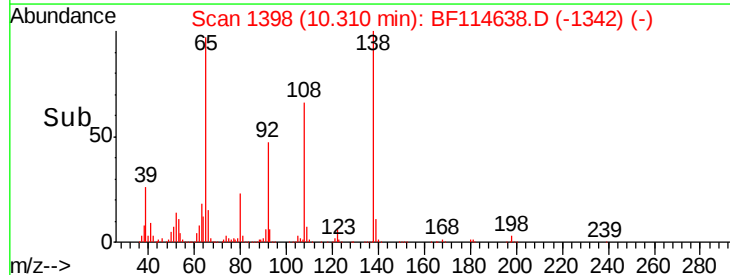
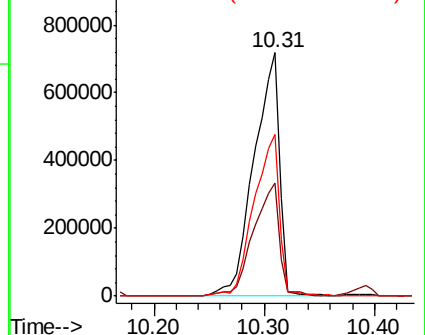
138 100

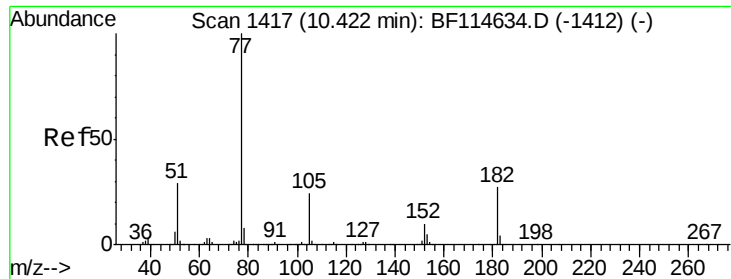
92 46.7 28.0 68.0

108 66.3 48.4 88.4



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

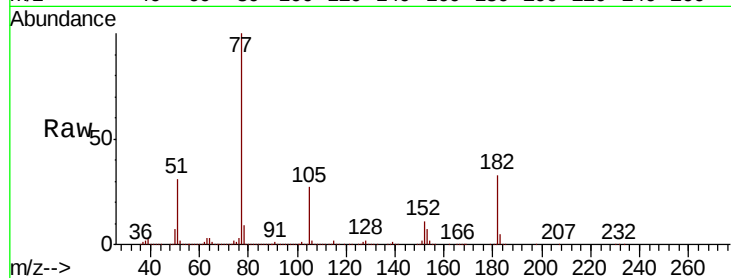




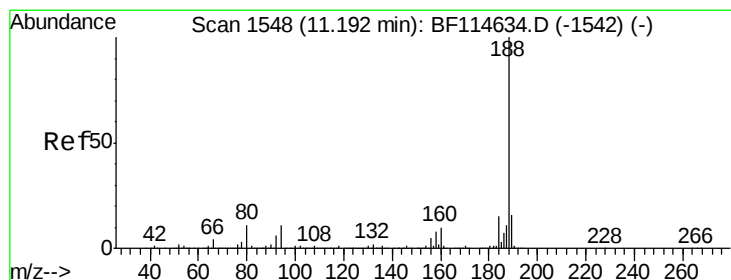
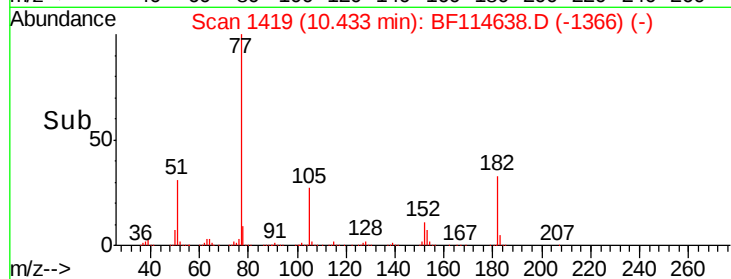
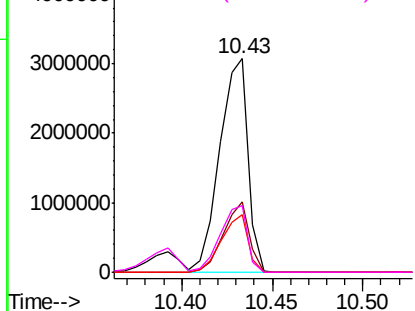
#63
Azobenzene
Concen: 72.753 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion: 77 Resp: 3321289
Ion Ratio Lower Upper
77 100
182 33.0 7.0 47.0
105 26.8 3.7 43.7
51 31.0 9.1 49.1

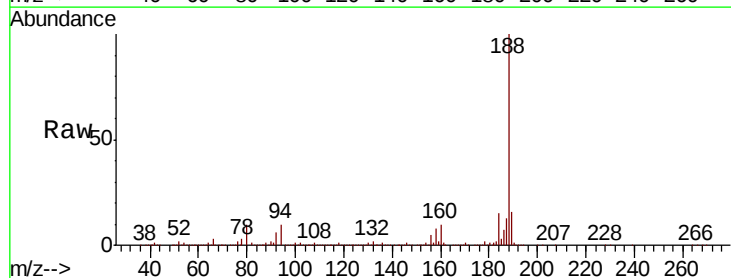


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

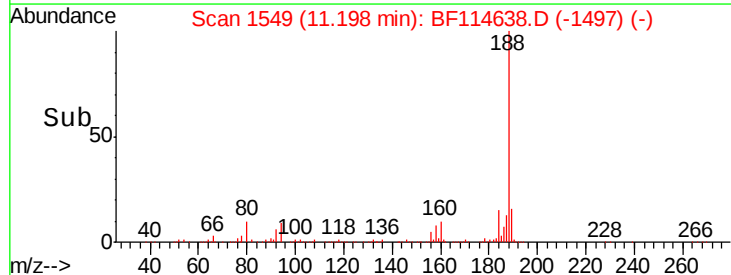
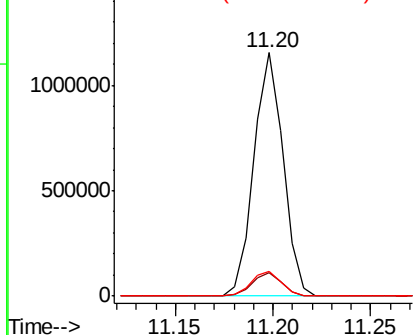


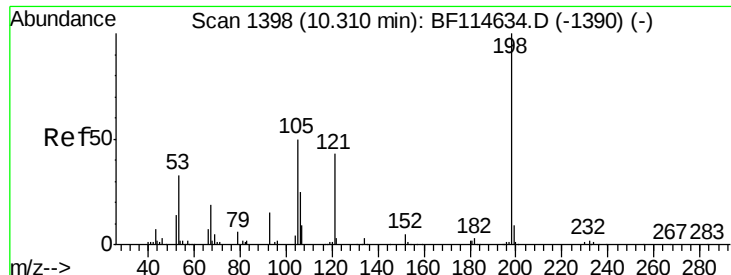
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion: 188 Resp: 1201226
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.2 9.0 13.6



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: 102.245 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

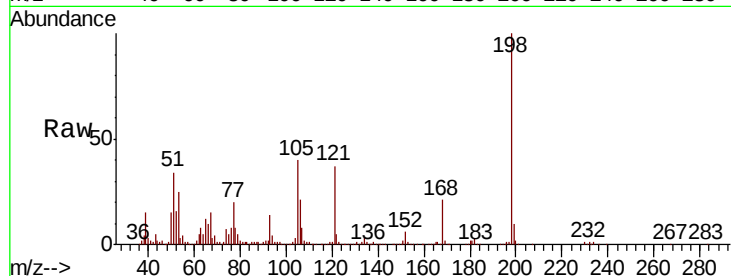
Tot Ion:198 Resp: 590163

Ion Ratio Lower Upper

198 100

51 33.7 29.0 69.0

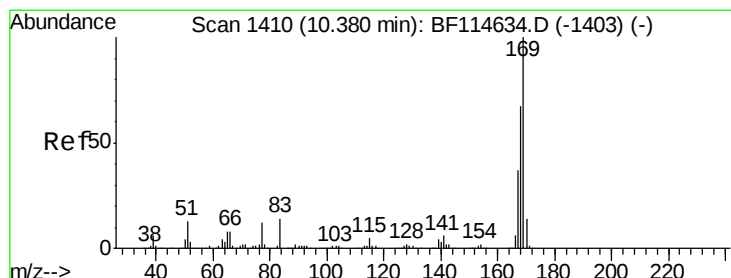
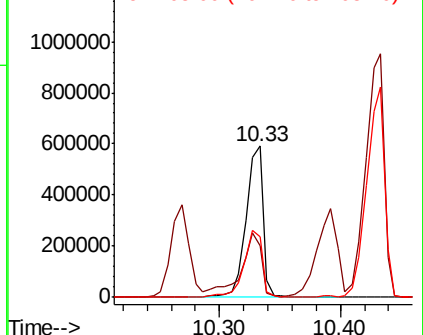
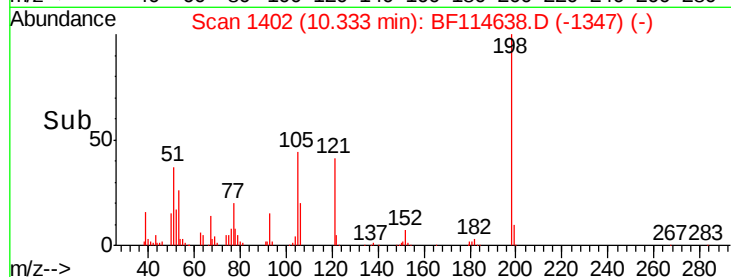
105 40.1 30.4 70.4



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: 82.802 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

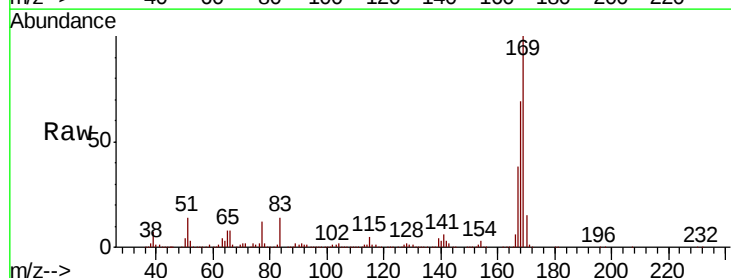
Tgt Ion:169 Resp: 3018763

Ion Ratio Lower Upper

169 100

168 69.0 53.8 80.8

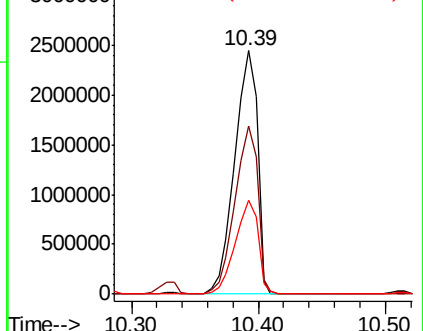
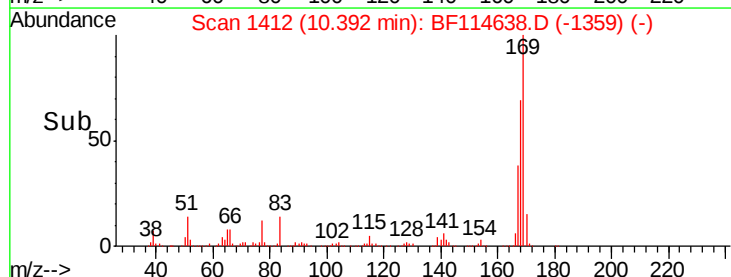
167 38.5 29.8 44.6

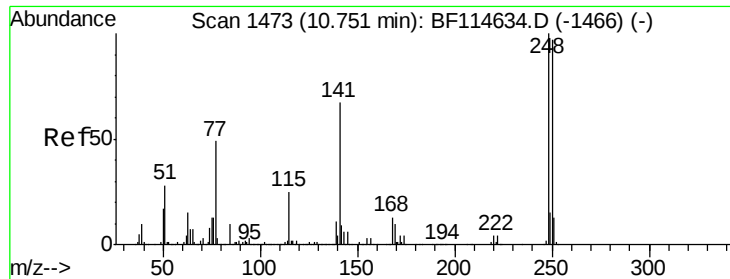


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

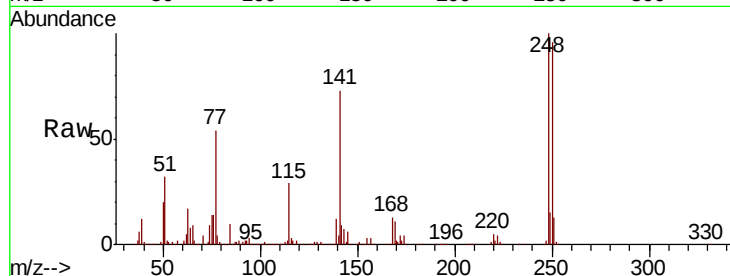




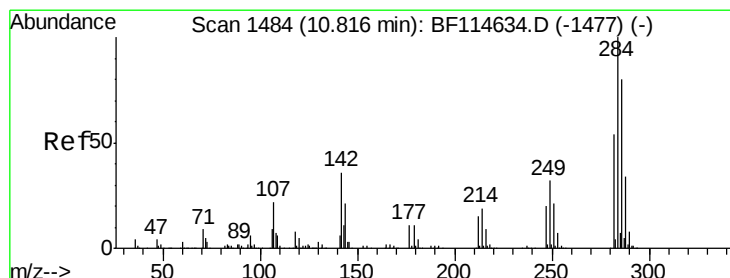
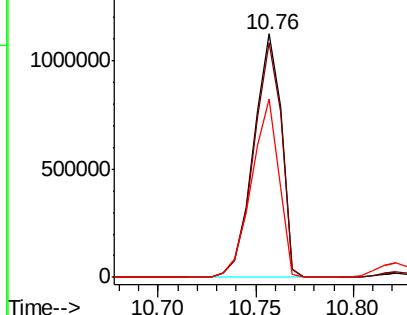
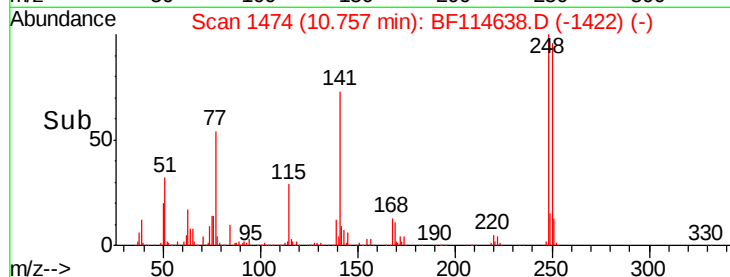
#67
4-Bromophenyl-phenylether
Concen: 84.040 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:248 Resp: 1111512
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 73.3 53.8 80.8

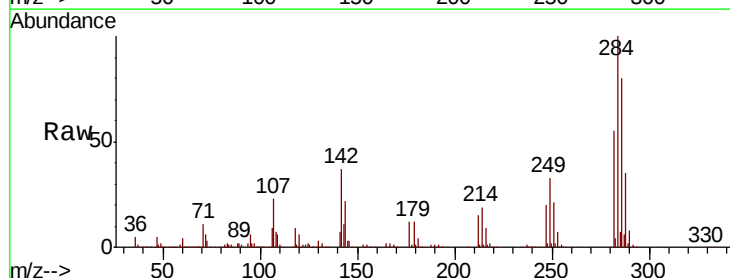


Abundance Ion 248.00 (247.70 to 248.70): E
1500000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

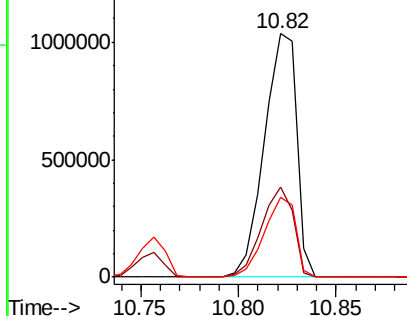
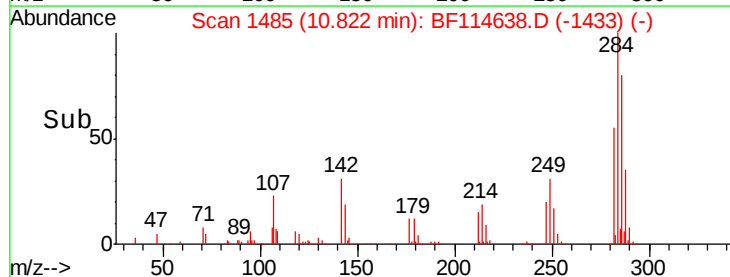


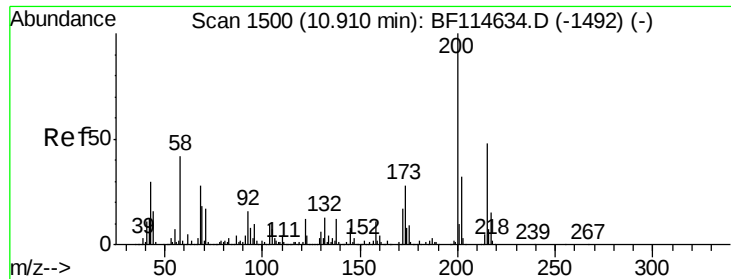
#68
Hexachlorobenzene
Concen: 81.625 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:284 Resp: 1194295
Ion Ratio Lower Upper
284 100
142 37.0 28.9 43.3
249 32.8 25.8 38.6



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

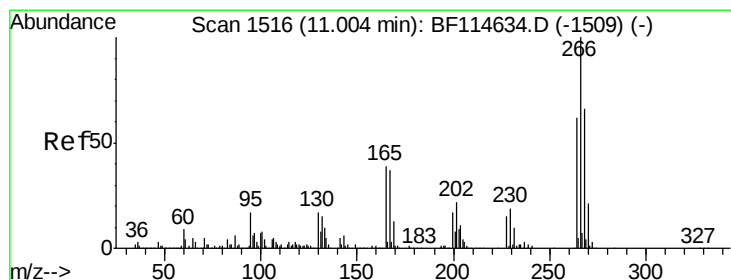
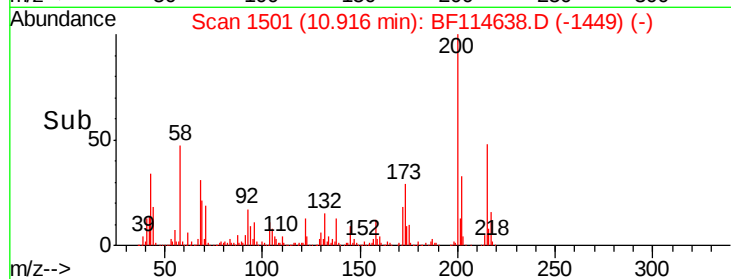
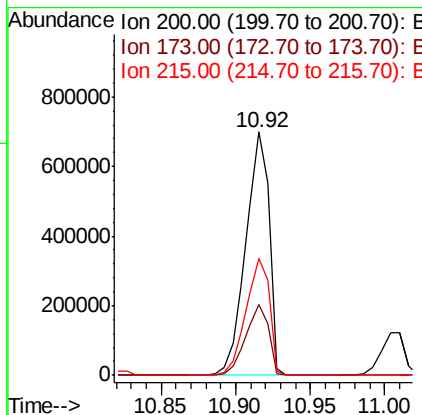
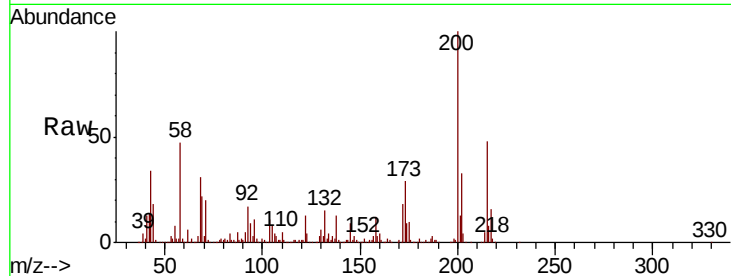




#69
Atrazine
Concen: 66.721 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

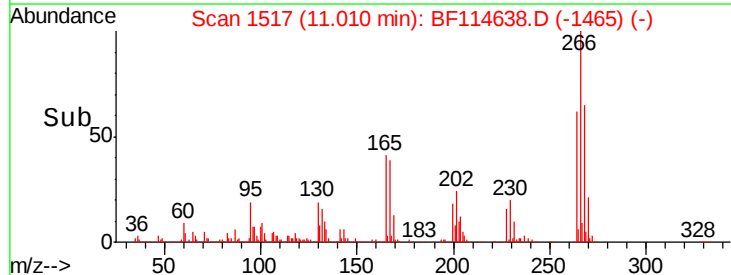
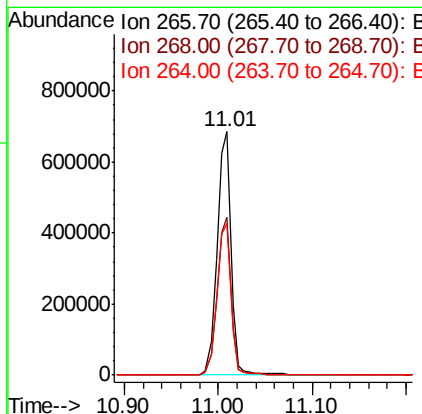
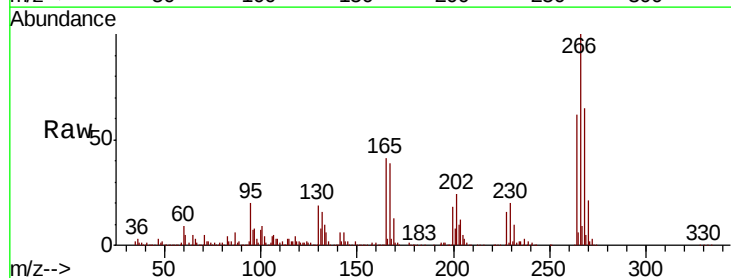
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

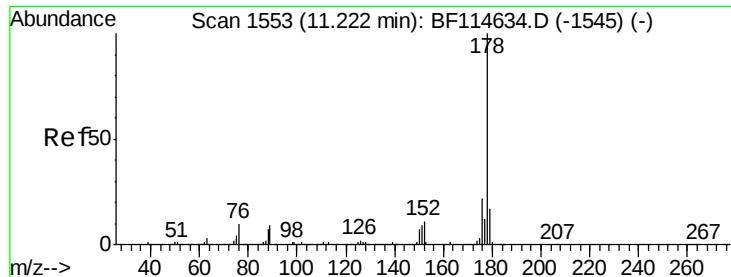
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	7.9	47.9
215	48.1	27.8	67.8



#70
Pentachlorophenol
Concen: 103.456 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.8	79.2
264	62.4	49.9	74.9

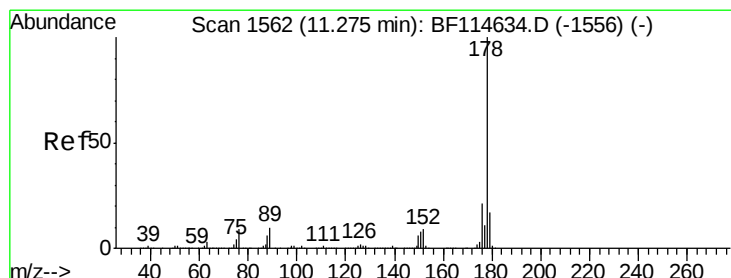
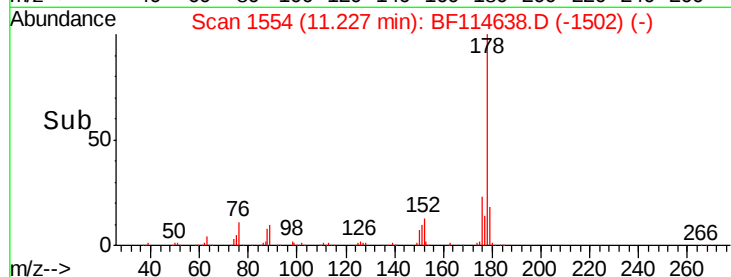
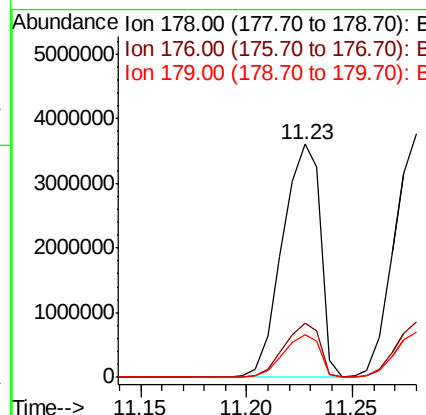
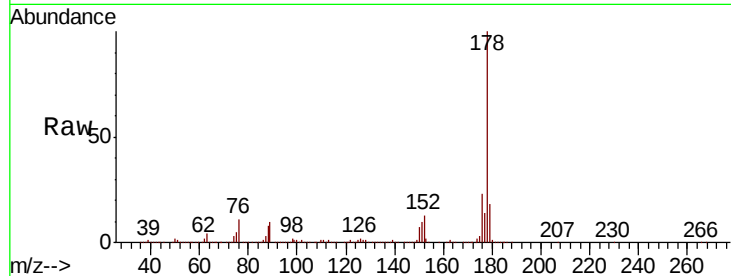




#71
Phenanthrene
Concen: 77.279 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

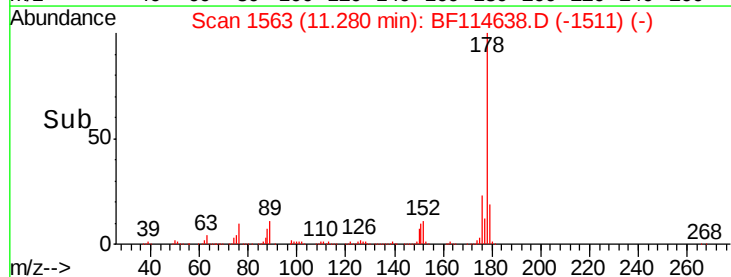
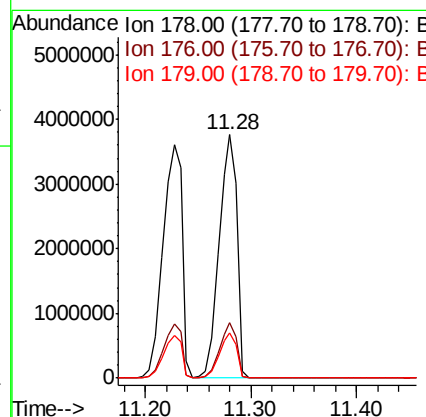
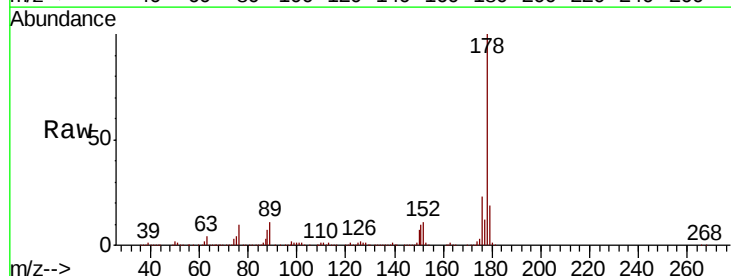
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

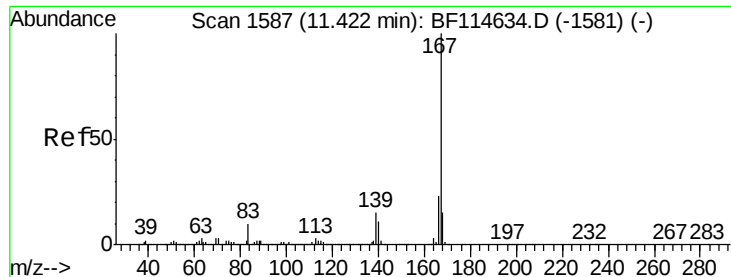
Tot Ion:178 Resp: 4516248
Ion Ratio Lower Upper
178 100
176 23.2 17.2 25.8
179 18.4 13.9 20.9



#72
Anthracene
Concen: 76.556 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:178 Resp: 4493760
Ion Ratio Lower Upper
178 100
176 23.0 16.6 24.8
179 18.7 13.4 20.0

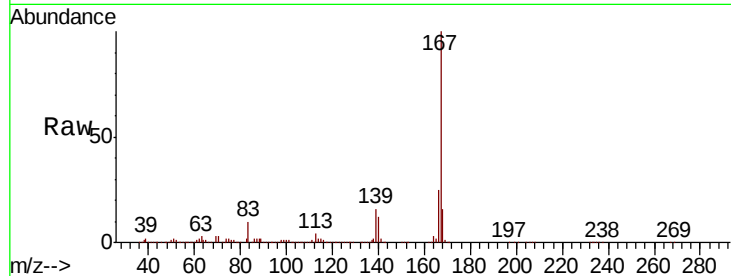




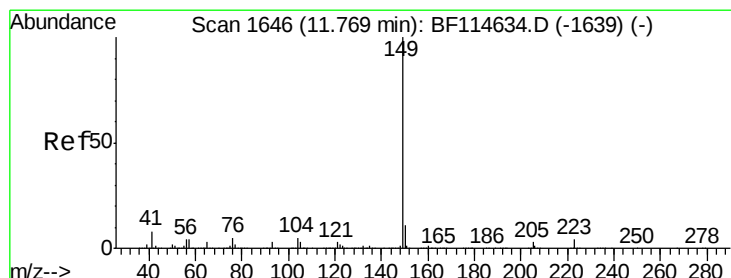
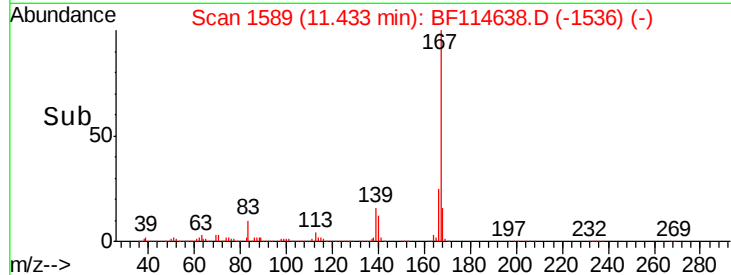
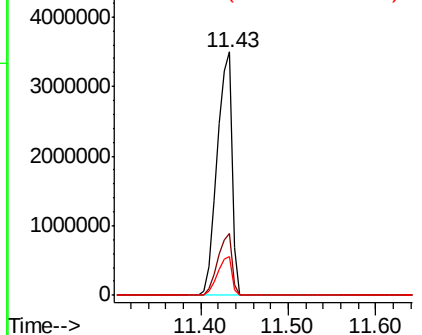
#73
 Carbazole
 Concen: 74.423 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:167 Resp: 4165799
 Ion Ratio Lower Upper
 167 100
 166 25.3 18.7 28.1
 139 16.1 11.8 17.8

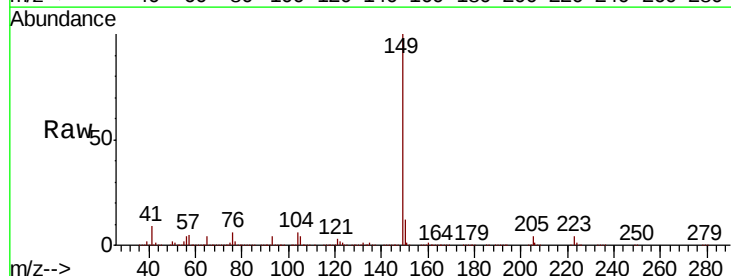


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

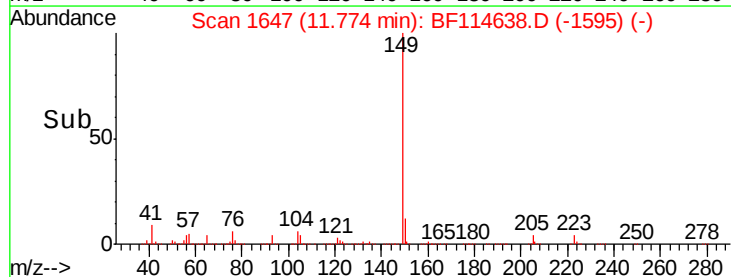
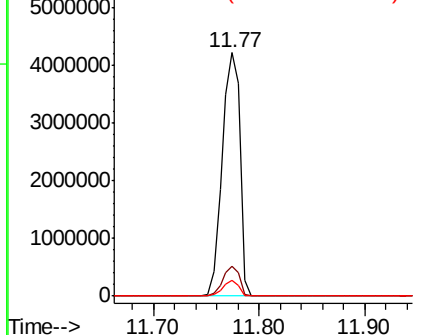


#74
 Di-n-butylphthalate
 Concen: 76.626 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion:149 Resp: 4941428
 Ion Ratio Lower Upper
 149 100
 150 12.2 8.6 12.8
 104 6.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 72.715 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

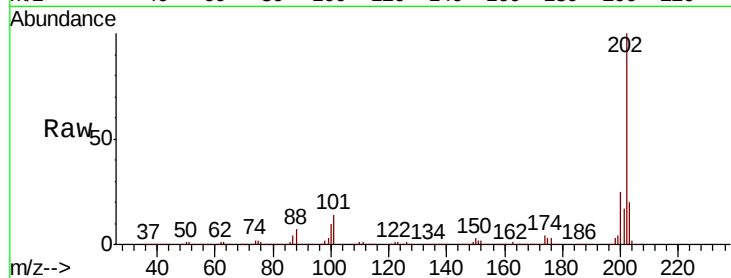
Tot Ion:202 Resp: 4576220

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.9

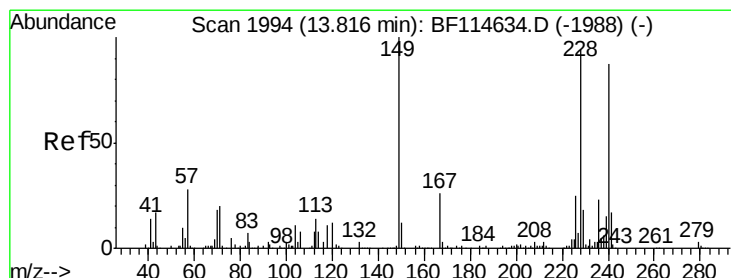
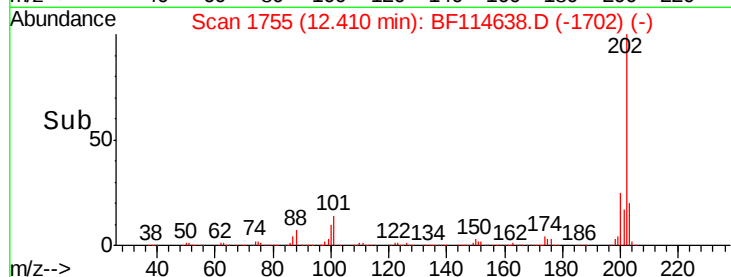
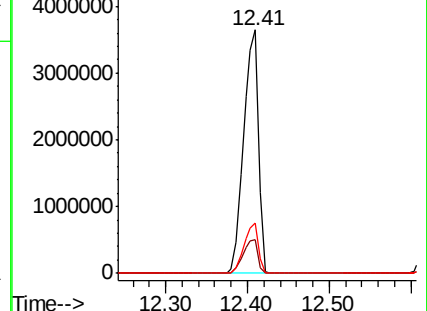
203 20.5 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

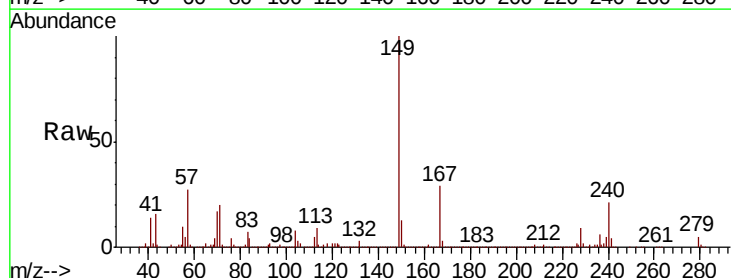
Tgt Ion:240 Resp: 515605

Ion Ratio Lower Upper

240 100

120 9.8 11.2 16.8#

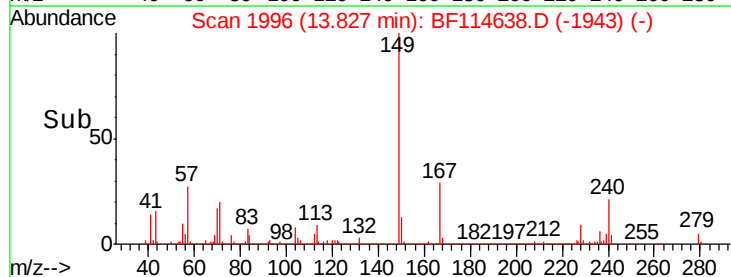
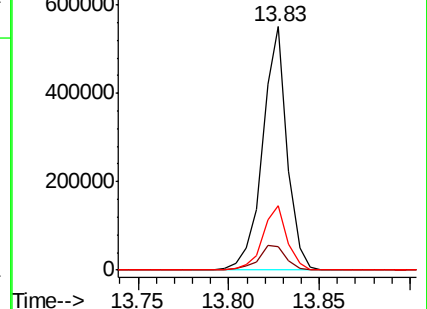
236 26.5 21.2 31.8

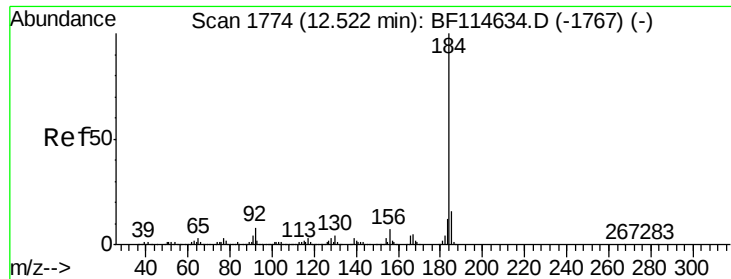


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.391 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.26 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

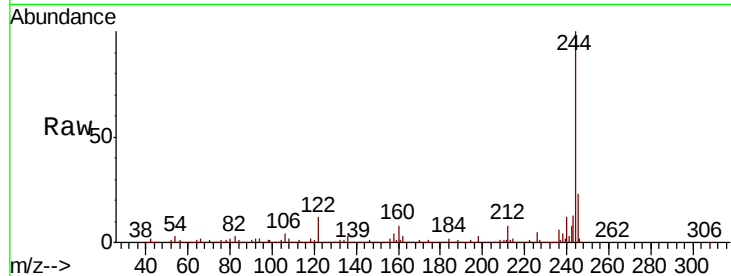
Tot Ion:184 Resp: 78491

Ion Ratio Lower Upper

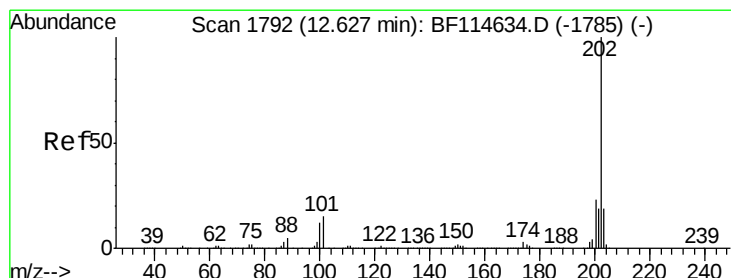
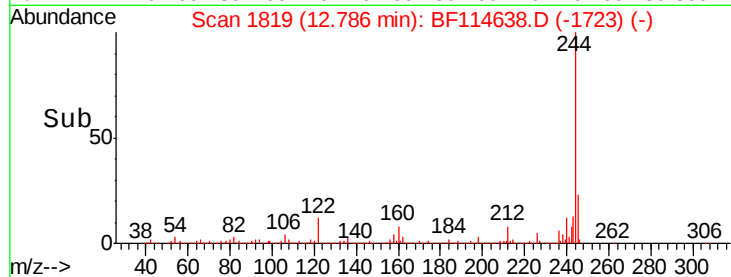
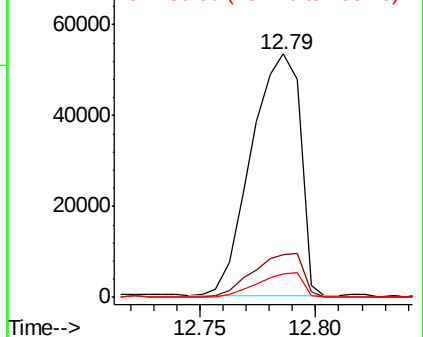
184 100

185 17.7 12.6 18.8

183 9.7 9.4 14.2



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: 113.555 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

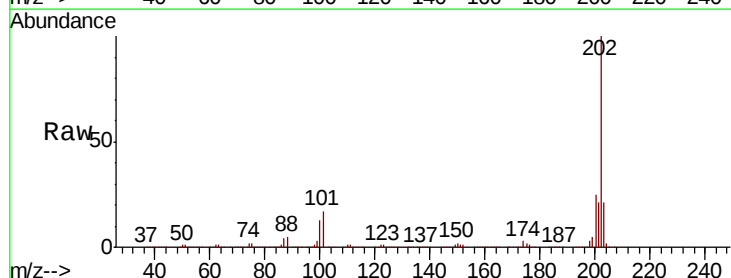
Tgt Ion:202 Resp: 4710042

Ion Ratio Lower Upper

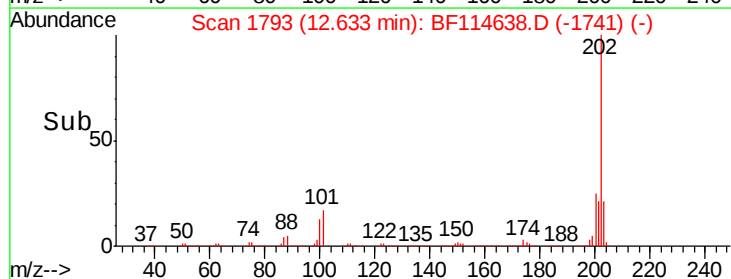
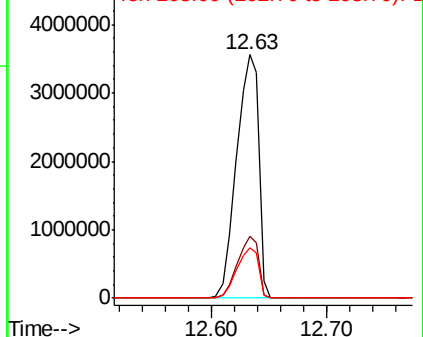
202 100

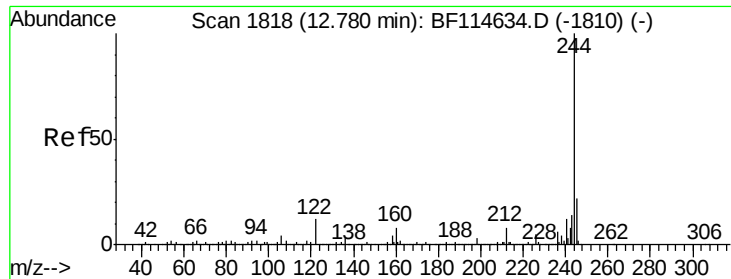
200 25.2 18.6 28.0

203 20.5 15.4 23.2



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: 213.085 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

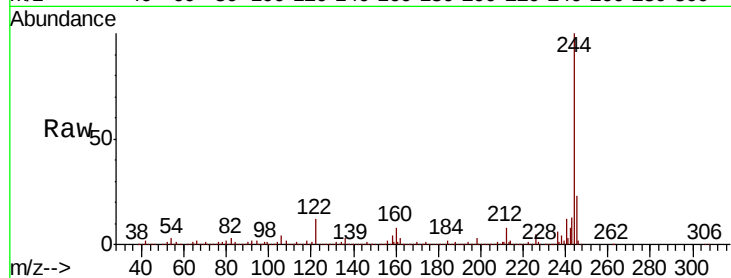
Tot Ion:244 Resp: 5329690

Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

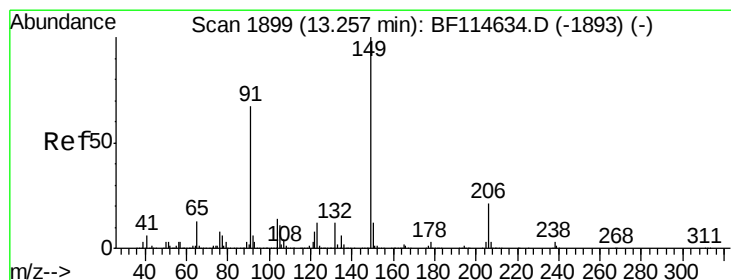
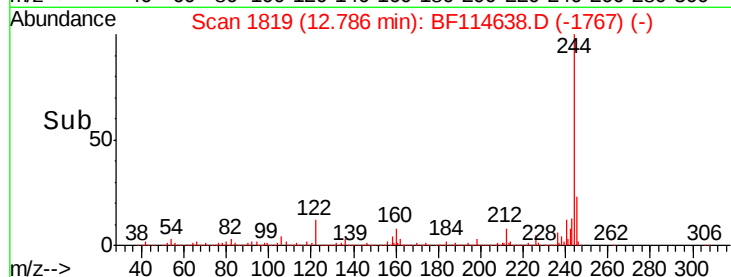
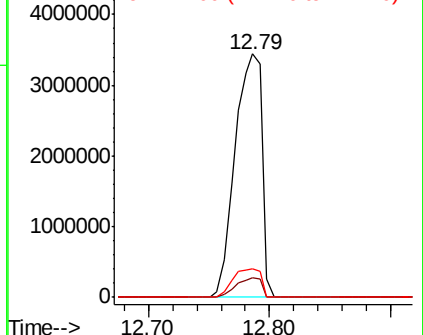
122 11.5 9.8 14.8



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: 139.533 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

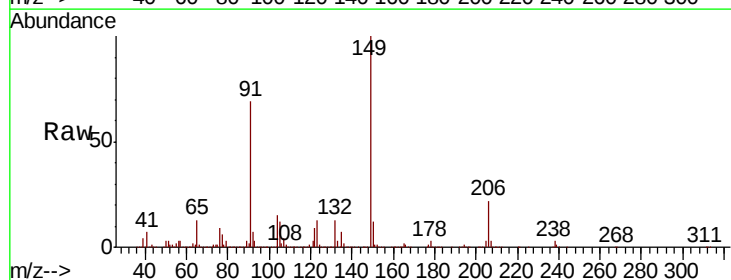
Tgt Ion:149 Resp: 2436021

Ion Ratio Lower Upper

149 100

91 69.1 53.8 80.8

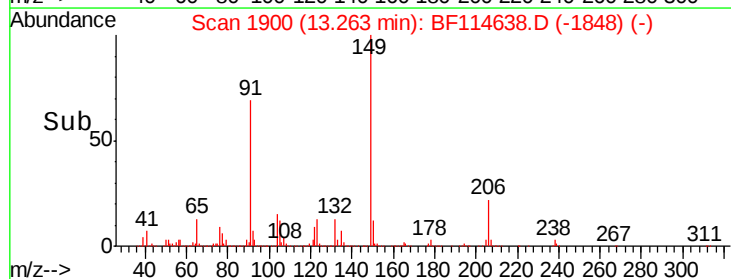
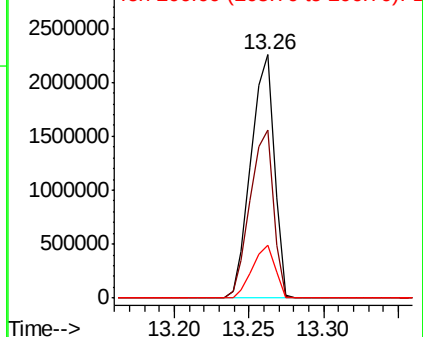
206 21.9 16.9 25.3

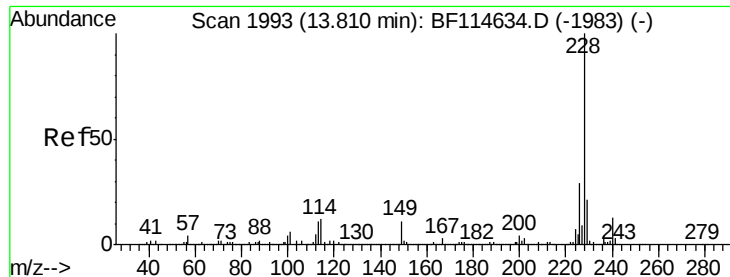


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 122.174 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

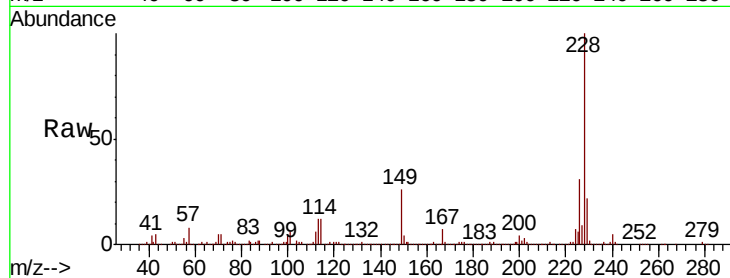
BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:228 Resp: 4074395

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.0	34.6
229	21.9	17.0	25.4

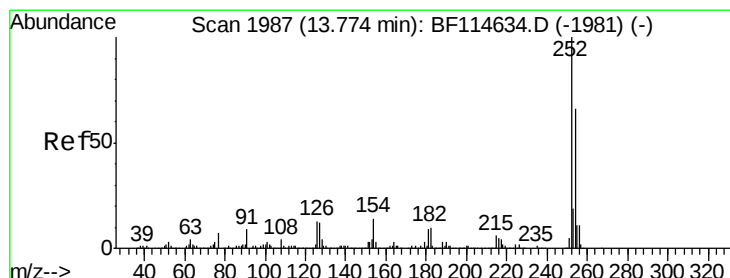
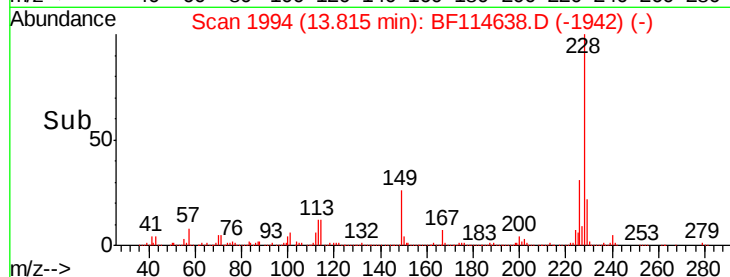
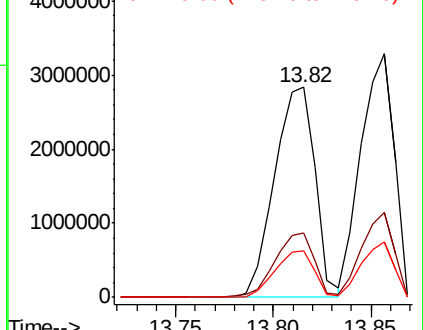


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 116.201 ng

RT: 13.79 min Scan# 1989

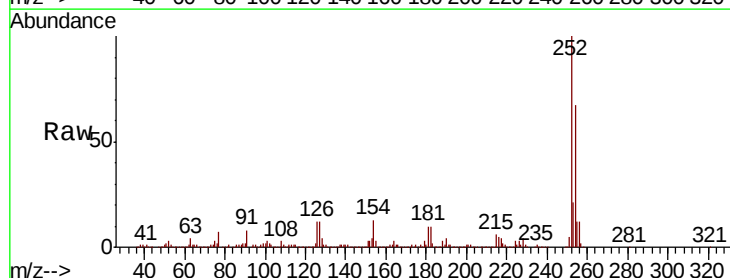
Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Tgt Ion:252 Resp: 1503291

Ion	Ratio	Lower	Upper
252	100		
254	66.5	53.1	79.7
126	11.7	10.2	15.2

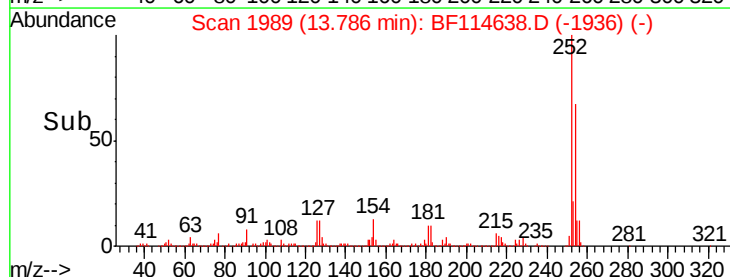
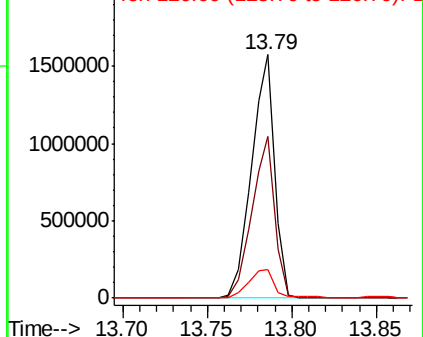


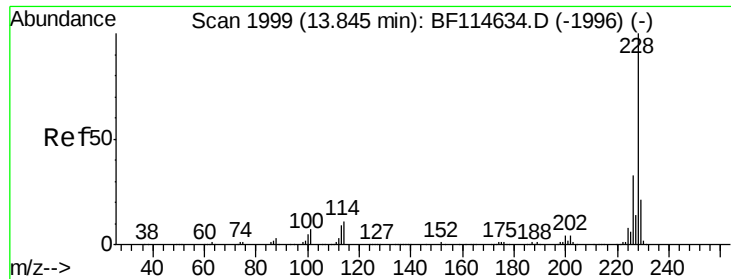
Abundance

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

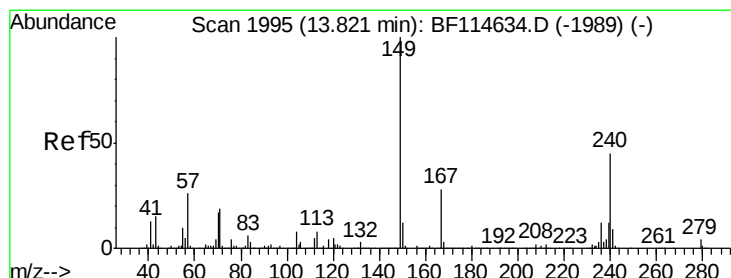
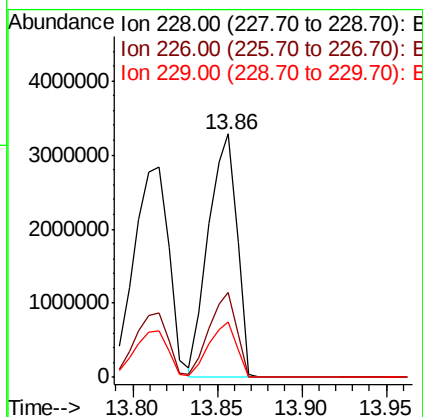
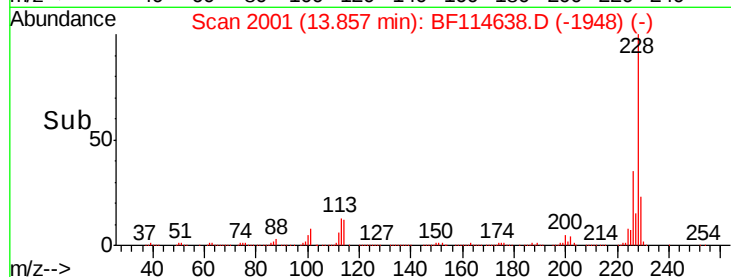
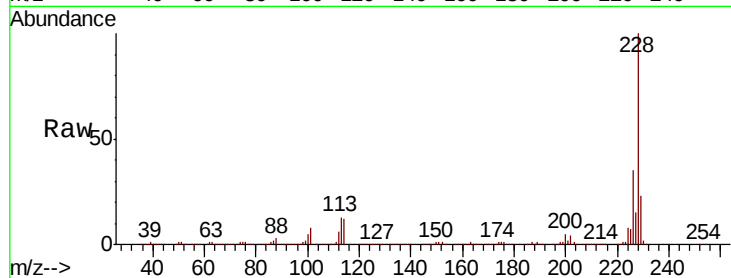




#83
Chrysene
Concen: 119.128 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

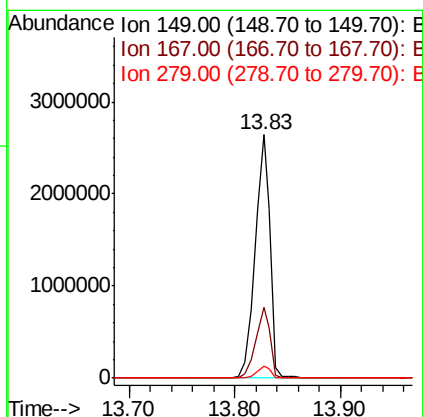
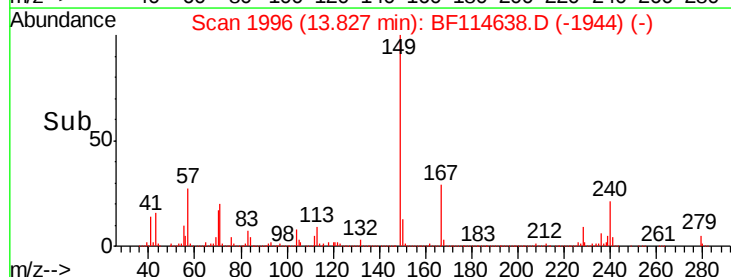
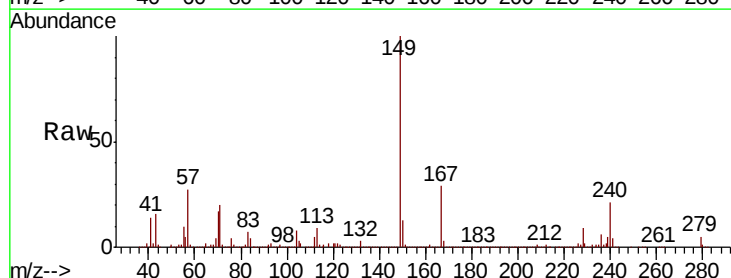
Instrument :
BNA_F
ClientSampleId :
SSTDICC100

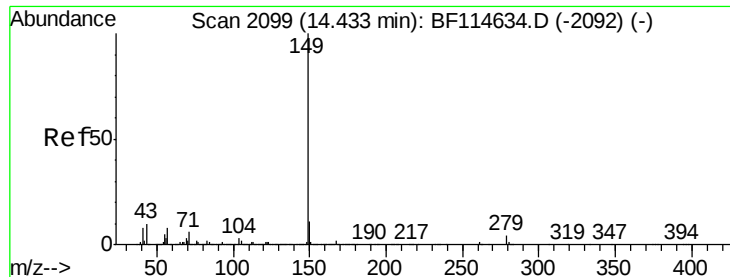
Tot Ion:228 Resp: 3894470
Ion Ratio Lower Upper
228 100
226 35.0 26.4 39.6
229 22.7 17.1 25.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 114.892 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:149 Resp: 2623371
Ion Ratio Lower Upper
149 100
167 29.3 22.6 33.8
279 4.8 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 125.100 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

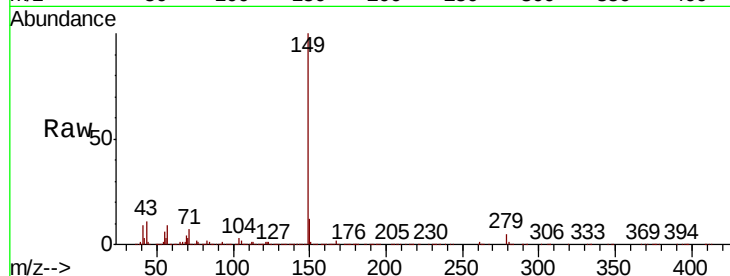
Tot Ion:149 Resp: 4630494

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

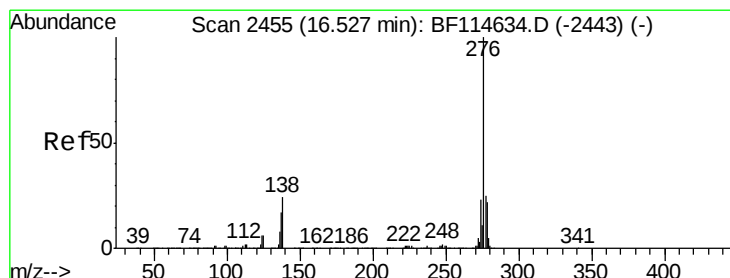
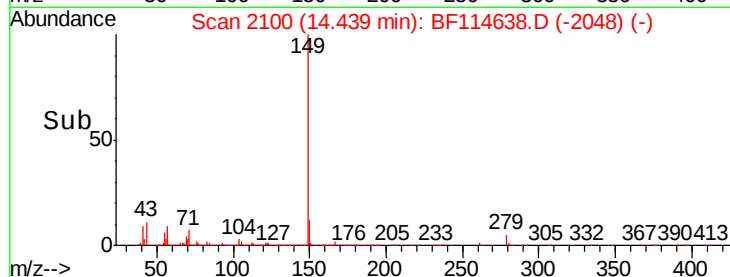
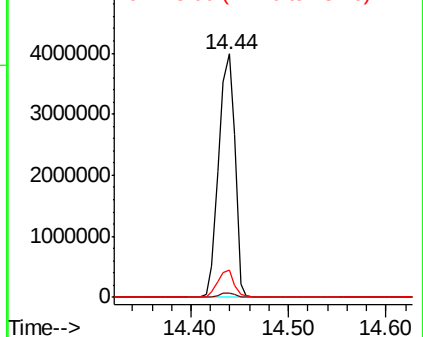
43 11.1 8.0 12.0



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: 131.245 ng

RT: 16.54 min Scan# 2457

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

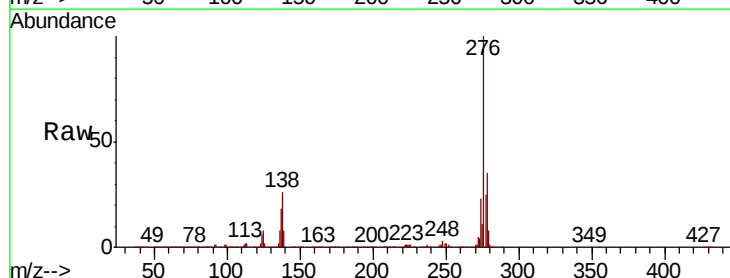
Tgt Ion:276 Resp: 3791944

Ion Ratio Lower Upper

276 100

138 28.6 23.0 34.6

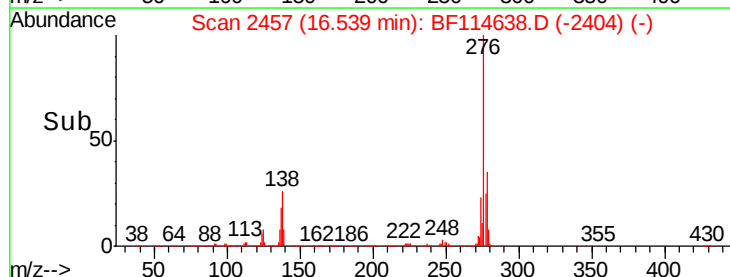
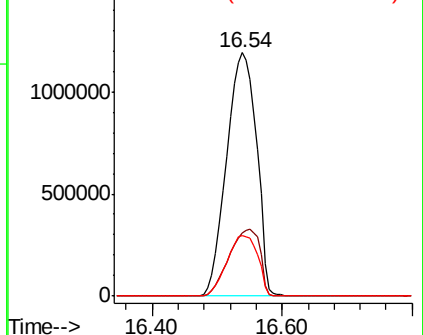
277 25.7 20.5 30.7

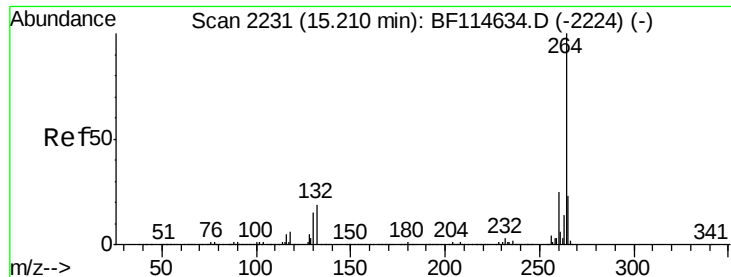


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



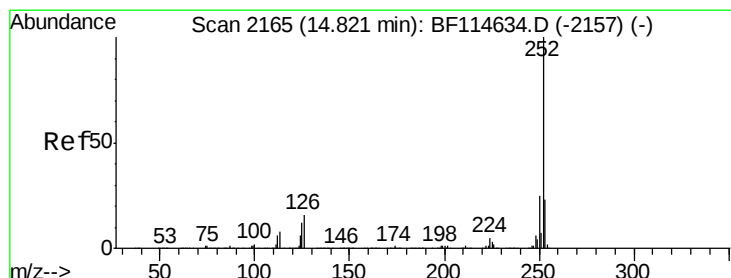
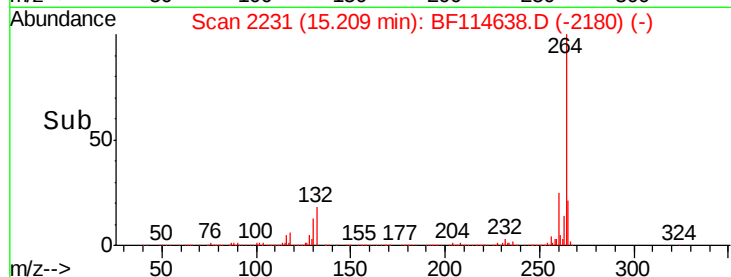
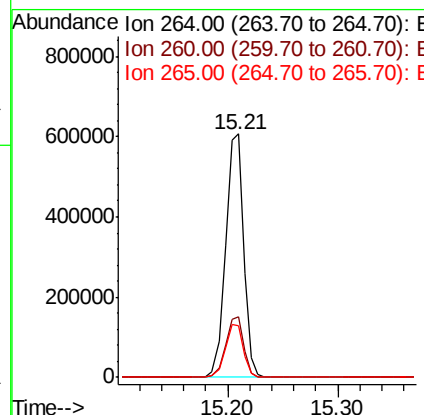
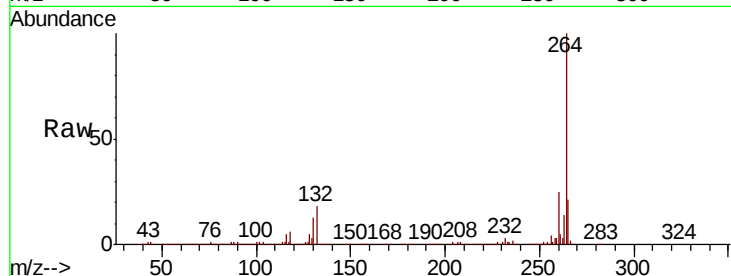


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:264 Resp: 692023

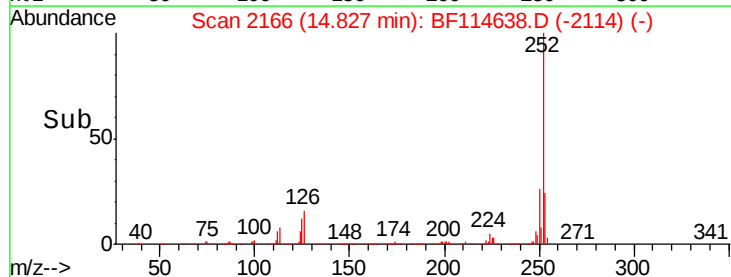
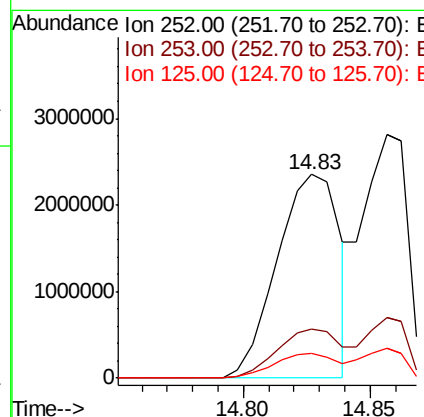
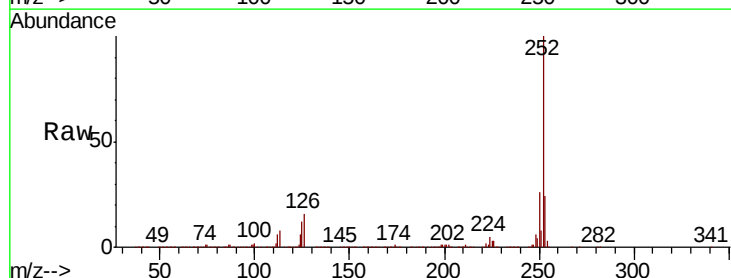
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.0	18.1	27.1

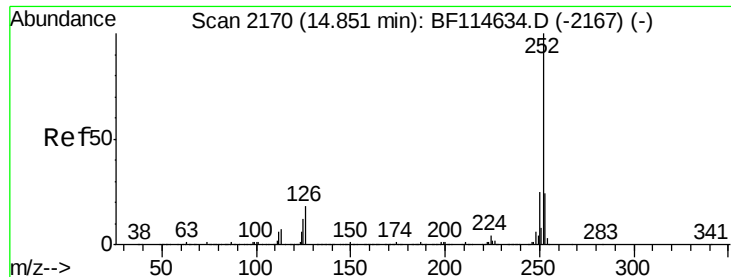


#88
Benzo(b)fluoranthene
Concen: 90.809 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:252 Resp: 4026022

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.7	28.1
125	12.3	9.4	14.2

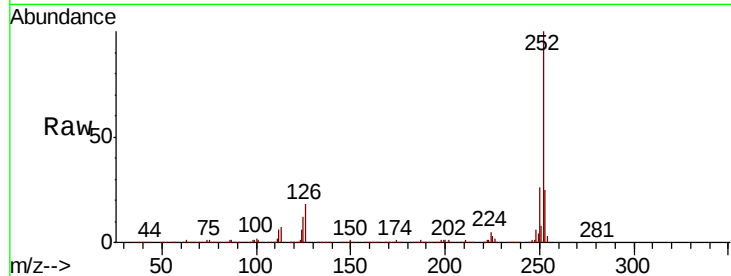




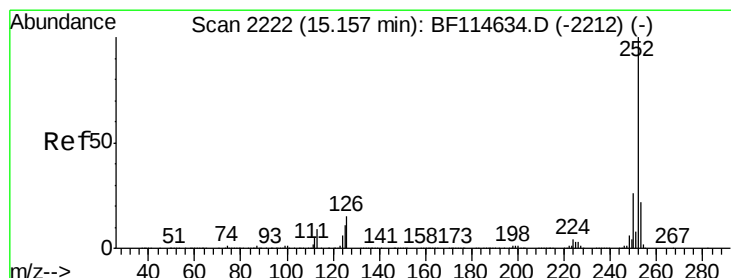
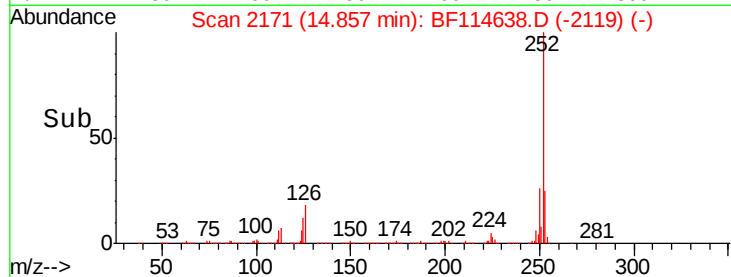
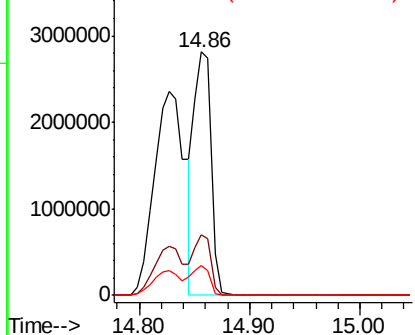
#89
Benzo(k)fluoranthene
Concen: 72.568 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:252 Resp: 2955430
Ion Ratio Lower Upper
252 100
253 24.7 18.9 28.3
125 12.2 9.5 14.3

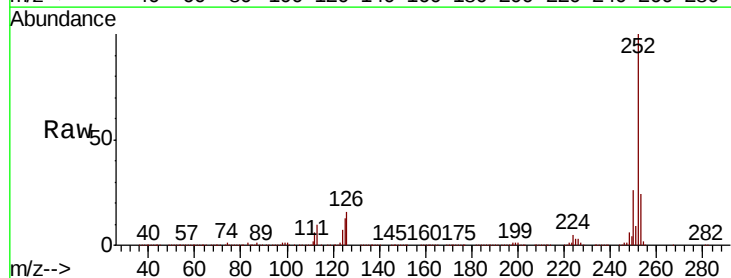


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

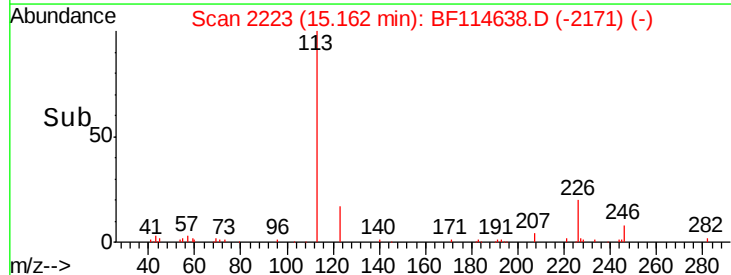
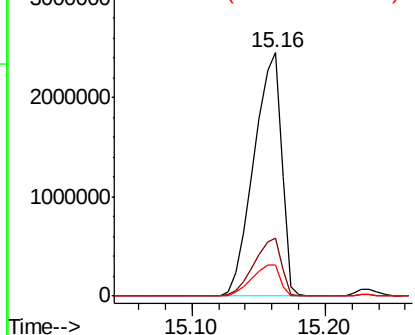


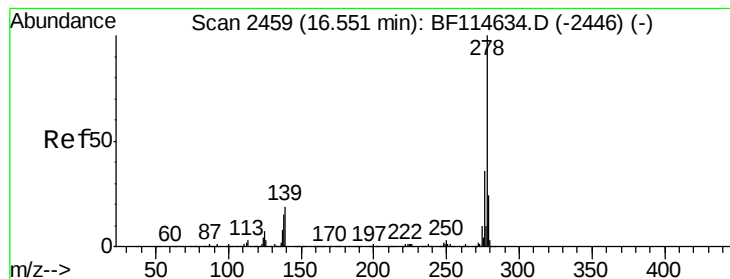
#90
Benzo(a)pyrene
Concen: 90.263 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:252 Resp: 3521928
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 12.6 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 91.891 ng

RT: 16.56 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

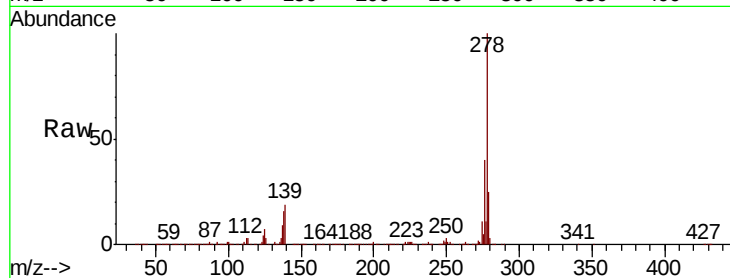
Tot Ion:278 Resp: 2979350

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.9	22.3
279	24.9	19.5	29.3

278 100

139 19.3 14.9 22.3

279 24.9 19.5 29.3

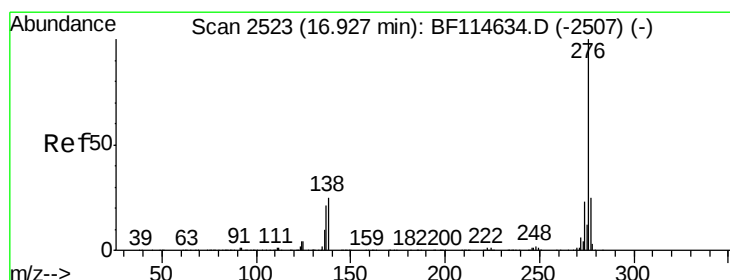
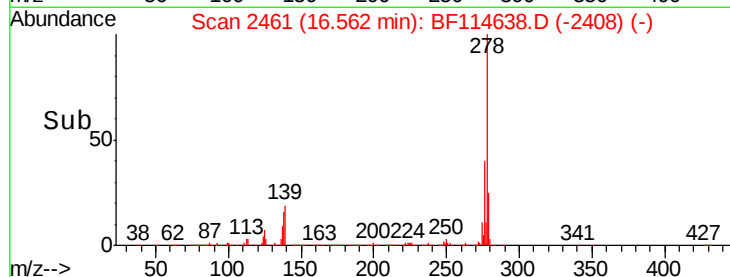
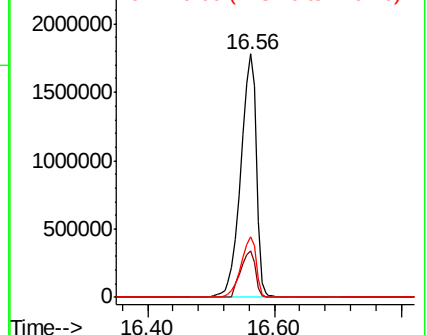


Abundance

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: 94.740 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

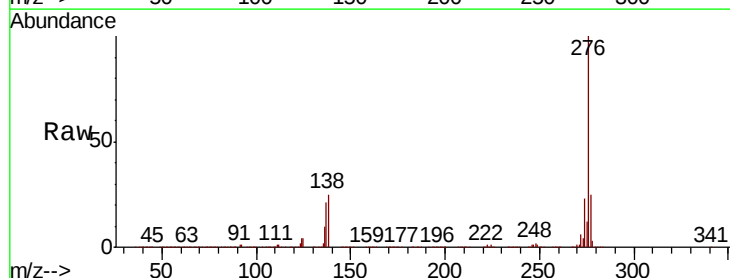
Tgt Ion:276 Resp: 3078299

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	25.5	19.8	29.8

276 100

277 24.6 19.7 29.5

138 25.5 19.8 29.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

