

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114573.D
 Acq On : 24 May 2019 16:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 24 22:36:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	154206	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	625626	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	298346	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	584949	20.00	ng	0.00
76) Chrysene-d12	13.99	240	343997	20.00	ng	0.00
87) Perylene-d12	15.46	264	273383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	769721	80.33	ng	0.00
7) Phenol-d6	6.46	99	933510	82.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	891727	79.99	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	236779	76.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1577643	79.99	ng	0.00
79) Terphenyl-d14	12.92	244	1558004	93.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	173924	33.021	ng	99
3) Pyridine	3.29	79	478725	32.989	ng	99
4) n-Nitrosodimethylamine	3.25	42	239373	34.206	ng	97
6) Aniline	6.48	93	652639	39.865	ng	# 69
8) 2-Chlorophenol	6.61	128	427682	41.808	ng	93
9) Benzaldehyde	6.37	77	274020	34.536	ng	98
10) Phenol	6.47	94	543626	40.775	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	420920	41.586	ng	98
12) 1,3-Dichlorobenzene	6.76	146	477430	41.577	ng	99
13) 1,4-Dichlorobenzene	6.83	146	484291	41.853	ng	97
14) 1,2-Dichlorobenzene	6.99	146	451311	42.691	ng	100
15) Benzyl Alcohol	6.96	79	351703	39.788	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	781461	39.819	ng	80
17) 2-Methylphenol	7.08	107	337188	40.126	ng	# 92
18) Hexachloroethane	7.32	117	180395	41.533	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	297254	41.379	ng	98
20) 3+4-Methylphenols	7.23	107	432304	44.526	ng	# 80
22) Acetophenone	7.23	105	569877	41.118	ng	# 92
24) Nitrobenzene	7.40	77	460288	40.539	ng	98
25) Isophorone	7.64	82	823579	39.834	ng	99
26) 2-Nitrophenol	7.72	139	229488	41.659	ng	97
27) 2,4-Dimethylphenol	7.76	122	330670	38.219	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	541816	40.389	ng	99
29) 2,4-Dichlorophenol	7.97	162	358464	41.608	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	396778	40.502	ng	99
31) Naphthalene	8.12	128	1220781	41.773	ng	99
32) Benzoic acid	7.91	122	221262	37.641	ng	97
33) 4-Chloroaniline	8.17	127	561684	42.177	ng	99
34) Hexachlorobutadiene	8.23	225	230215	41.301	ng	98
35) Caprolactam	8.55	113	119733	42.622	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	367428	42.370	ng	98
37) 2-Methylnaphthalene	8.81	142	816704	43.315	ng	96
38) 1-Methylnaphthalene	8.91	142	761755	42.901	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	375531	41.552	ng	100

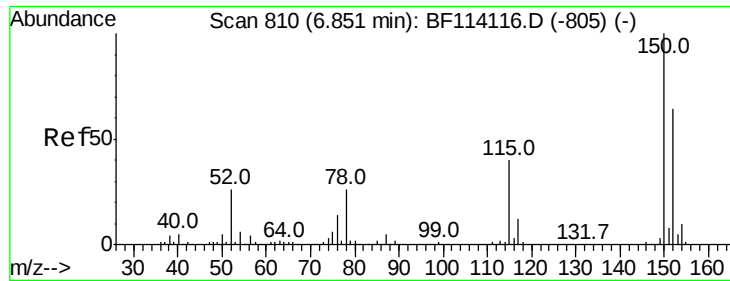
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114573.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	147463	37.454	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	242184	38.960	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	238192	37.363	nq	95
46) 1,1'-Biphenyl	9.27	154	991589	41.141	nq	98
47) 2-Chloronaphthalene	9.30	162	790970	40.777	nq	99
48) 2-Nitroaniline	9.40	65	274028	39.834	nq	94
49) Acenaphthylene	9.72	152	1207807	40.940	nq	98
50) Dimethylphthalate	9.57	163	893226	40.784	nq	99
51) 2,6-Dinitrotoluene	9.65	165	196779	40.509	nq	84
52) Acenaphthene	9.89	154	722713	39.921	nq	99
53) 3-Nitroaniline	9.82	138	243398	40.364	nq	99
54) 2,4-Dinitrophenol	9.94	184	84822	38.543	nq	94
55) Dibenzofuran	10.06	168	1030424	38.816	nq	99
56) 4-Nitrophenol	10.00	139	136158	31.929	nq	96
57) 2,4-Dinitrotoluene	10.06	165	243452	36.924	nq	# 81
58) Fluorene	10.40	166	856466	41.769	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	206293	37.503	nq	98
60) Diethylphthalate	10.27	149	901973	40.532	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	420952	41.799	nq	97
62) 4-Nitroaniline	10.43	138	231669	36.561	nq	97
63) Azobenzene	10.55	77	853311	39.615	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	113331	40.320	nq	100
66) n-Nitrosodiphenylamine	10.51	169	746652	42.057	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	266080	41.313	nq	97
68) Hexachlorobenzene	10.96	284	282940	39.711	nq	98
69) Atrazine	11.04	200	226142	40.933	nq	97
70) Pentachlorophenol	11.16	266	118292	35.023	nq	95
71) Phenanthrene	11.36	178	1197694	42.086	nq	98
72) Anthracene	11.42	178	1206486	42.208	nq	99
73) Carbazole	11.57	167	1127098	41.350	nq	98
74) Di-n-butylphthalate	11.89	149	1397346	44.497	nq	100
75) Fluoranthene	12.55	202	1244829	40.619	nq	98
77) Benzidine	12.67	184	734592	47.573	nq	96
78) Pyrene	12.79	202	1261805	45.597	nq	98
80) Butylbenzylphthalate	13.39	149	537185	46.119	nq	98
81) Benzo(a)anthracene	13.97	228	944964	42.471	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	347504	40.261	nq	# 98
83) Chrysene	14.01	228	910871	41.762	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	686564	45.069	nq	99
85) Di-n-octyl phthalate	14.57	149	987474	39.987	nq	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	751509	38.987	nq	99
88) Benzo(b)fluoranthene	15.03	252	733801	41.897	nq	100
89) Benzo(k)fluoranthene	15.06	252	731023	45.437	nq	99
90) Benzo(a)pyrene	15.40	252	661837	42.937	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	618551	48.292	nq	97
92) Benzo(g,h,i)perylene	17.38	276	648896	50.553	nq	99

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

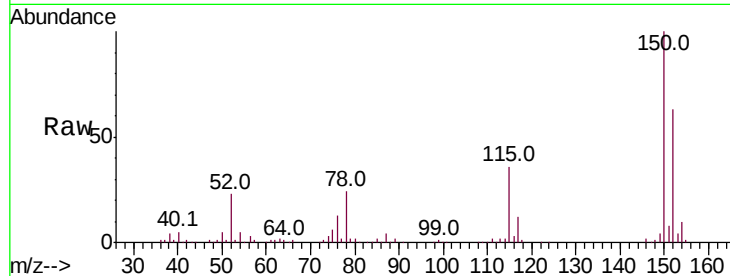


#1

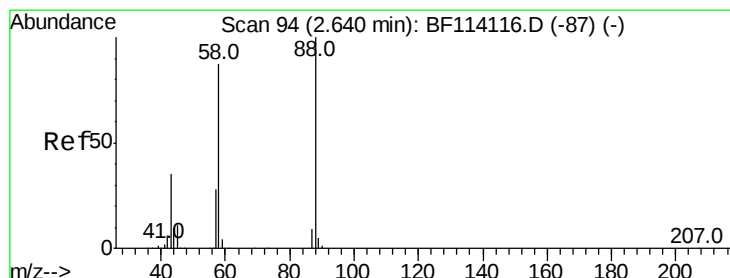
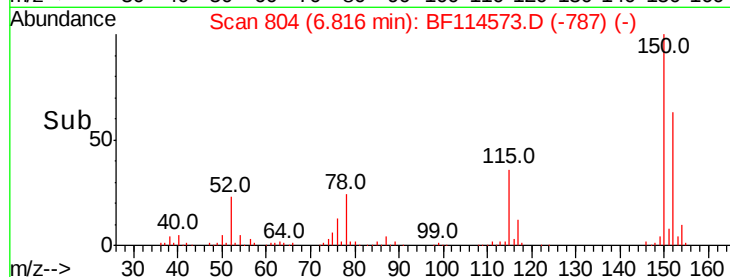
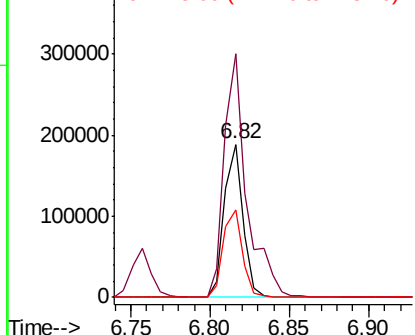
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 154206
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 56.9 49.1 73.7



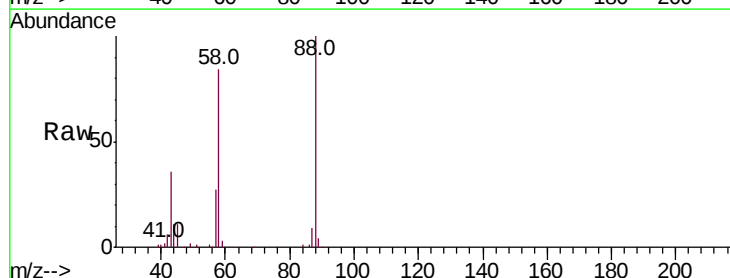
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



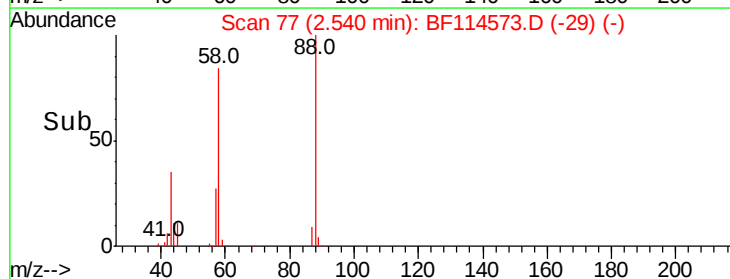
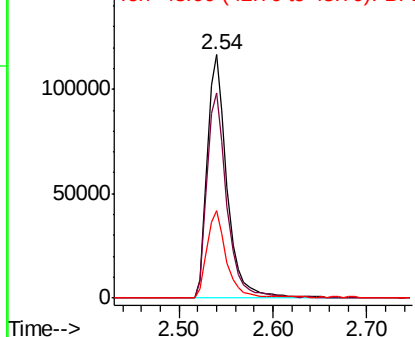
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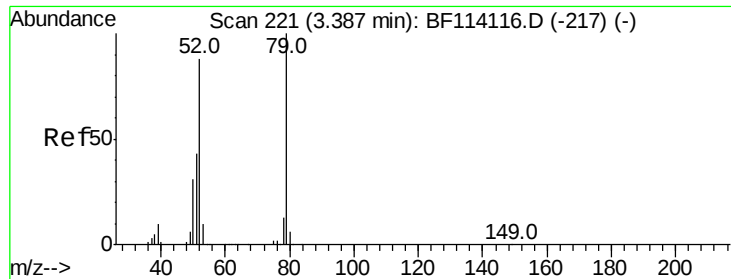
1,4-Dioxane
Concen: 33.021 ng
RT: 2.54 min Scan# 77
Delta R.T. -0.02 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion: 88 Resp: 173924
Ion Ratio Lower Upper
88 100
58 84.9 68.7 103.1
43 34.5 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.989 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

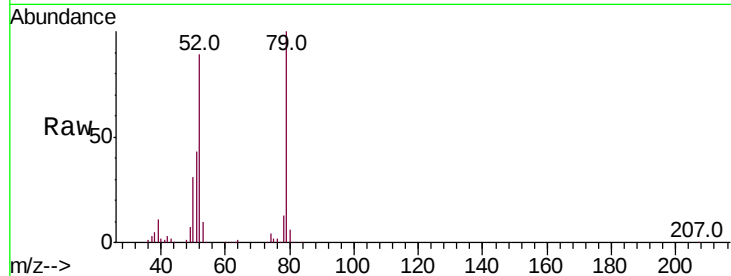
Tot Ion: 79 Resp: 478725

Ion Ratio Lower Upper

79 100

52 89.3 70.6 105.8

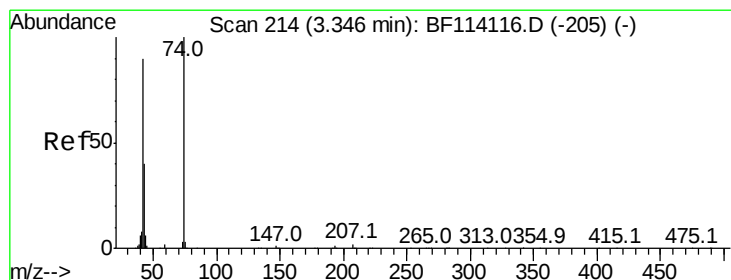
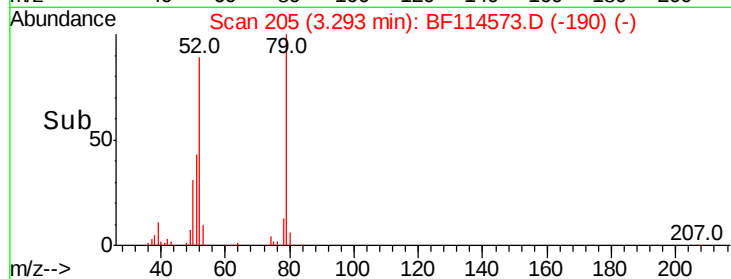
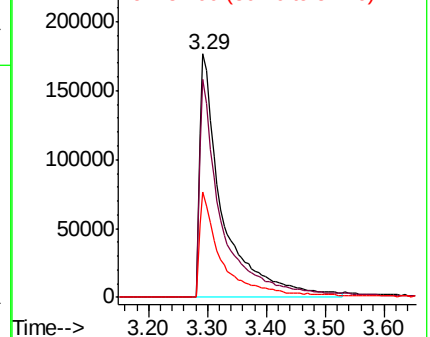
51 43.5 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.206 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.02 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

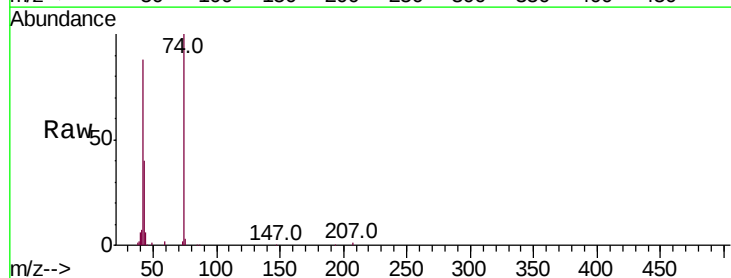
Tgt Ion: 42 Resp: 239373

Ion Ratio Lower Upper

42 100

74 113.6 88.6 132.8

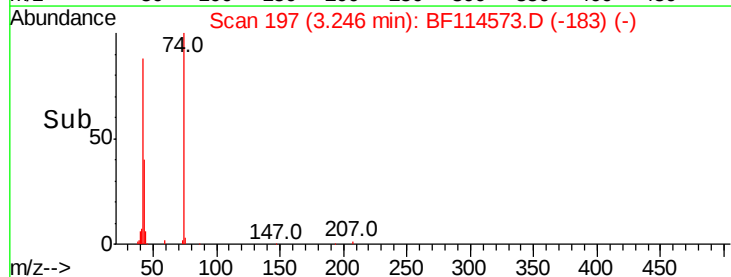
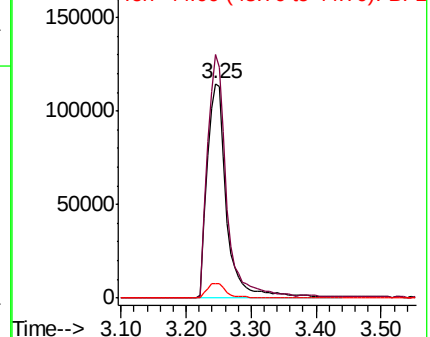
44 6.8 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 80.326 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

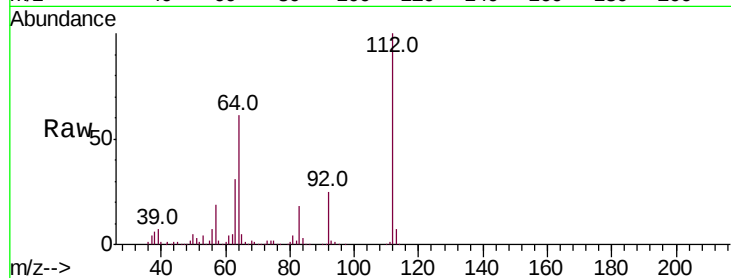
Tot Ion:112 Resp: 769721

Ion Ratio Lower Upper

112 100

64 61.4 49.0 73.6

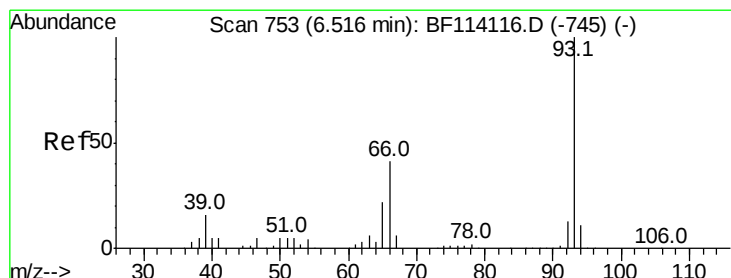
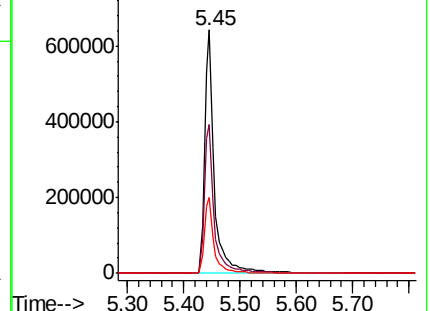
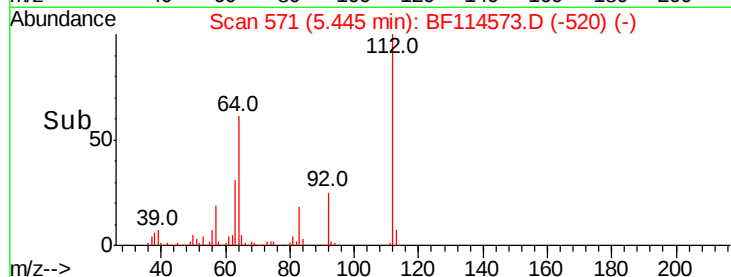
63 31.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.865 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

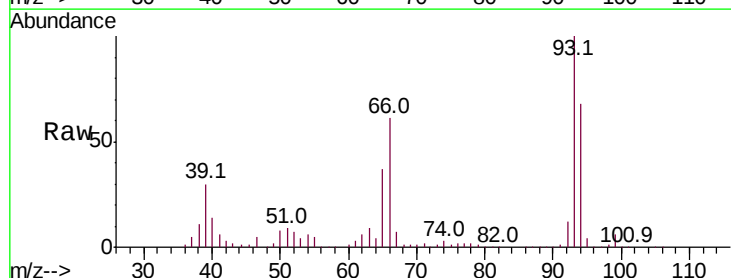
Tgt Ion: 93 Resp: 652639

Ion Ratio Lower Upper

93 100

66 60.9 33.2 49.8#

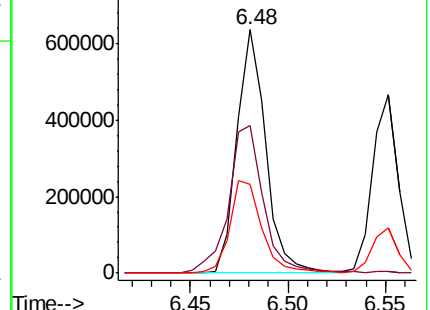
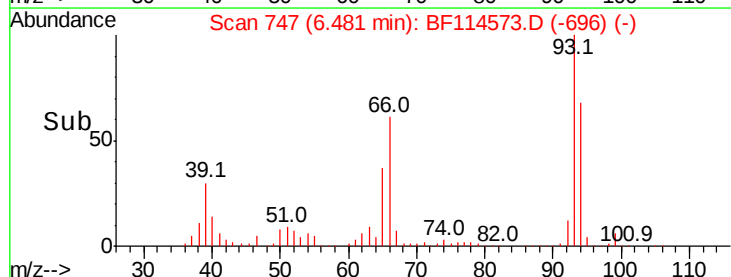
65 36.5 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.368 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

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ClientSampleId :

SSTDCCC040

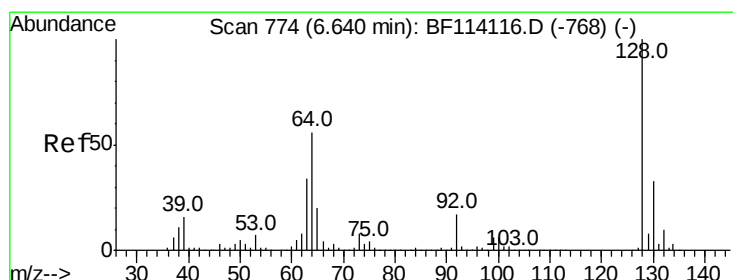
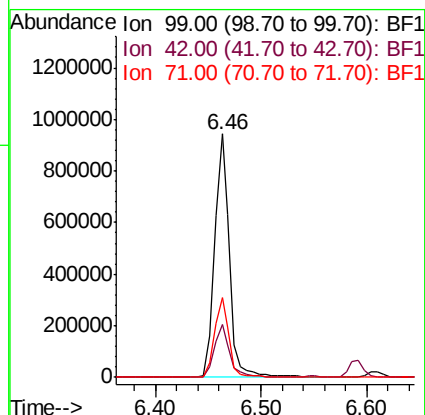
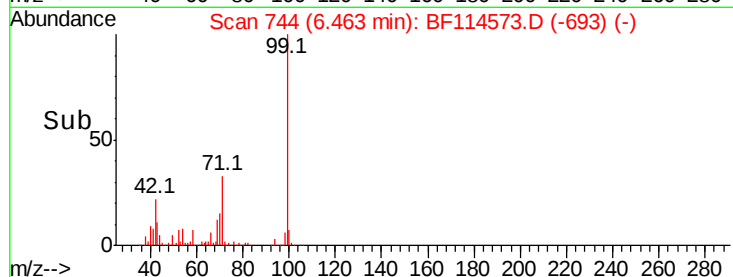
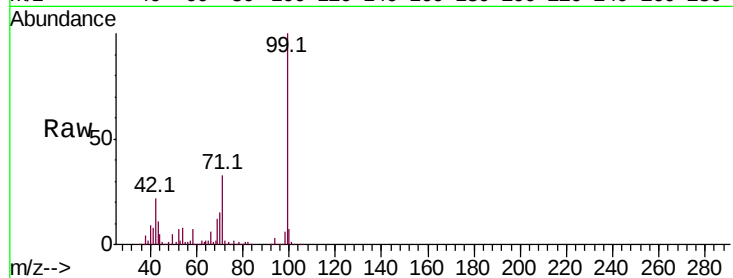
Tot Ion: 99 Resp: 933510

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

71 32.6 26.2 39.2



#8

2-Chlorophenol

Concen: 41.808 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

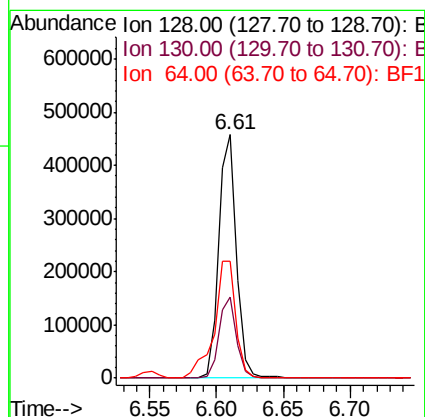
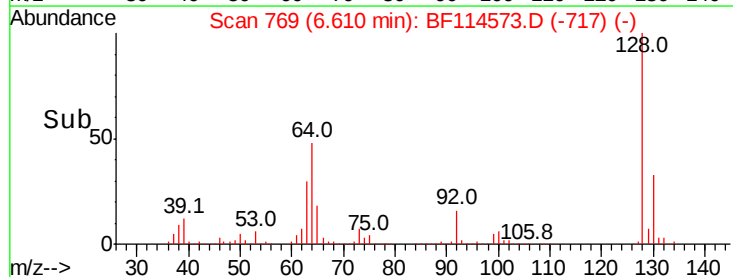
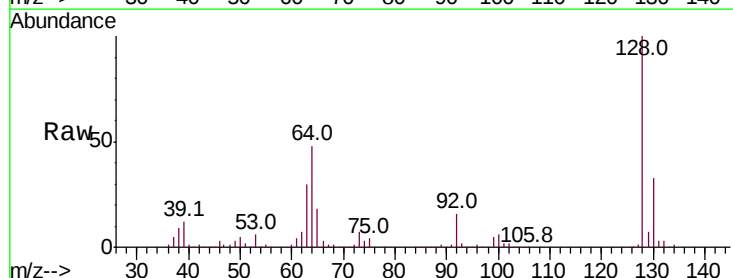
Tgt Ion: 128 Resp: 427682

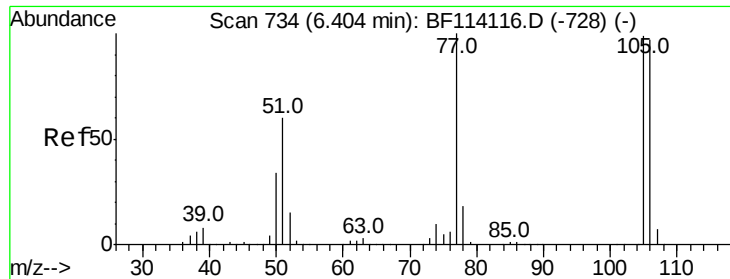
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 47.8 35.9 75.9





#9

Benzaldehyde

Concen: 34.536 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

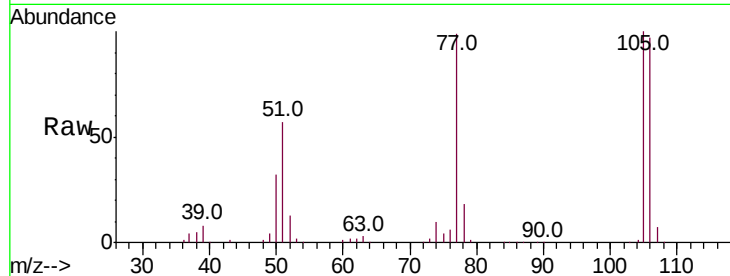
Tot Ion: 77 Resp: 274020

Ion Ratio Lower Upper

77 100

105 101.5 79.3 119.3

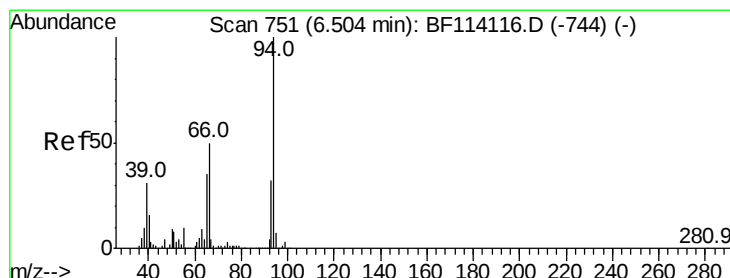
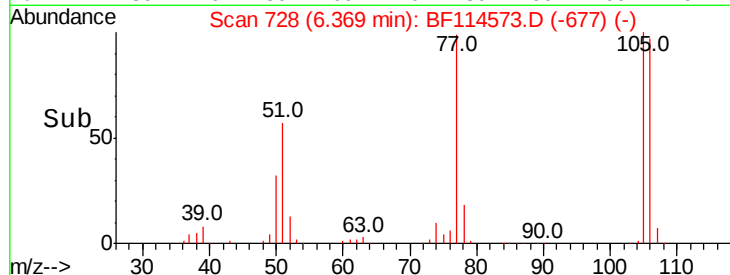
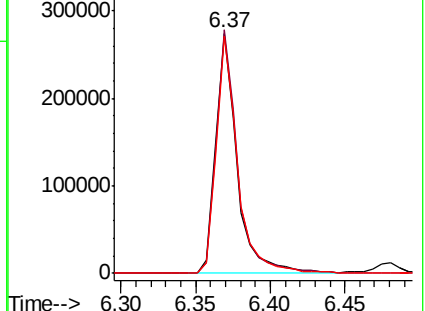
106 98.8 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.775 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

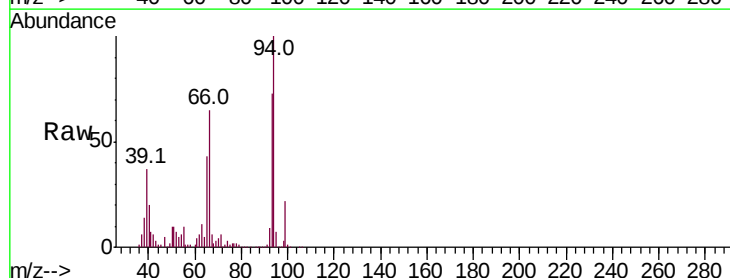
Tgt Ion: 94 Resp: 543626

Ion Ratio Lower Upper

94 100

65 43.0 14.7 54.7

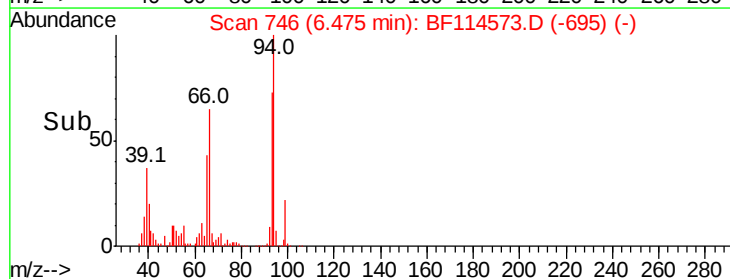
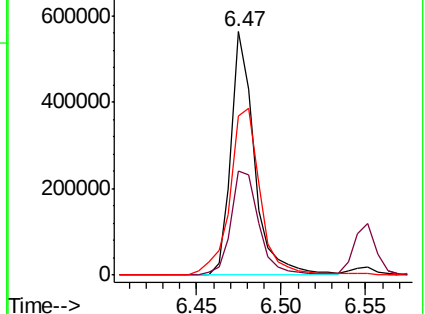
66 65.2 29.6 69.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

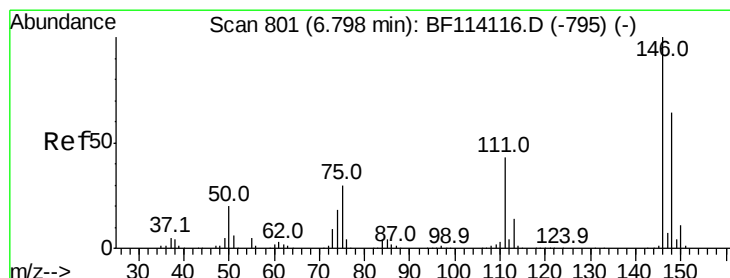
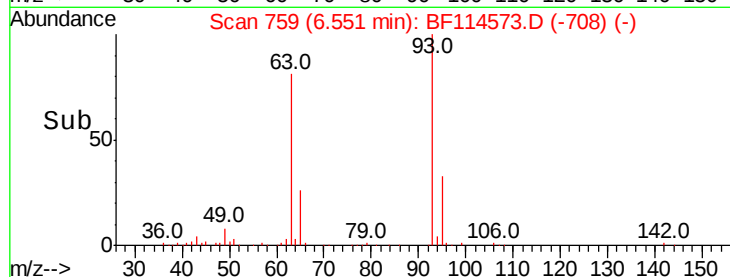
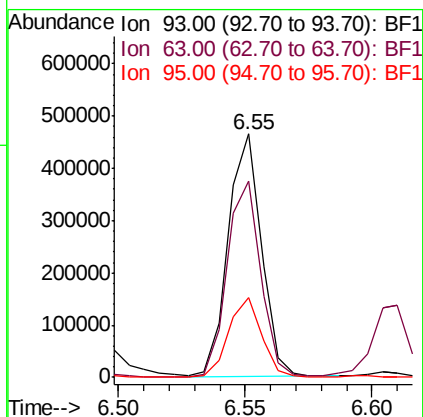
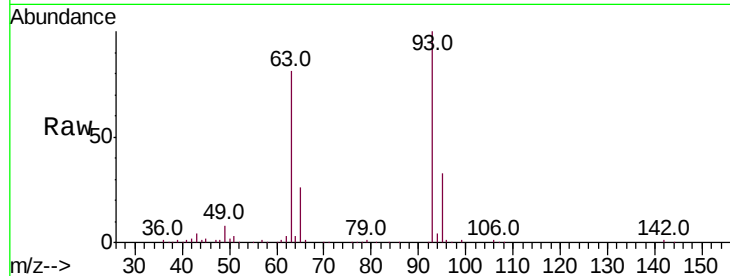




#11
bis(2-Chloroethyl)ether
Concen: 41.586 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

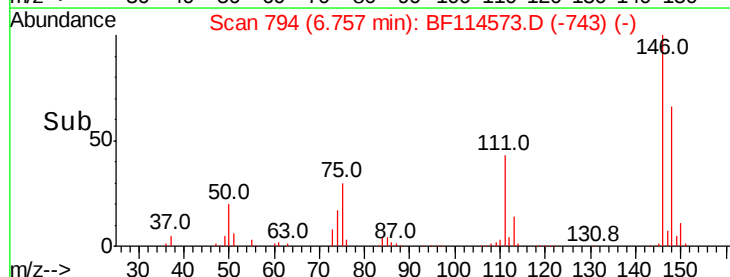
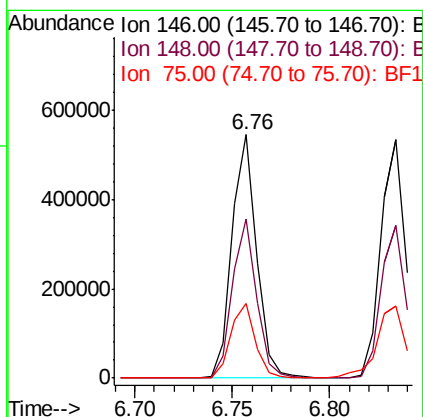
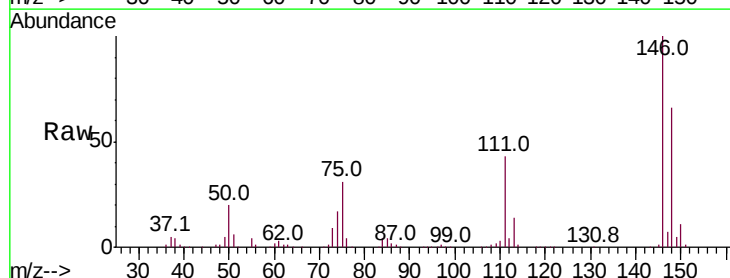
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

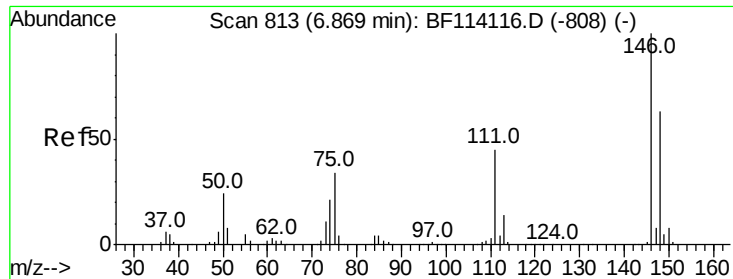
Tot Ion: 93 Resp: 420920
Ion Ratio Lower Upper
93 100
63 80.5 63.6 103.6
95 33.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 41.577 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion: 146 Resp: 477430
Ion Ratio Lower Upper
146 100
148 65.5 51.6 77.4
75 30.5 24.2 36.2

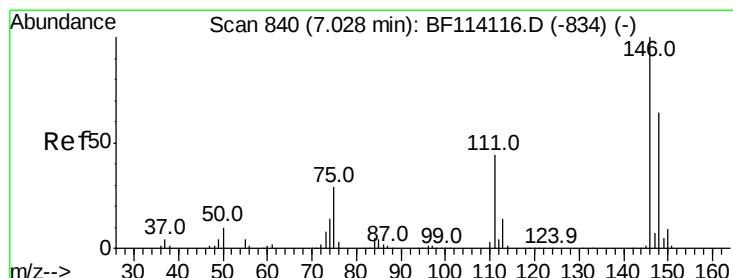
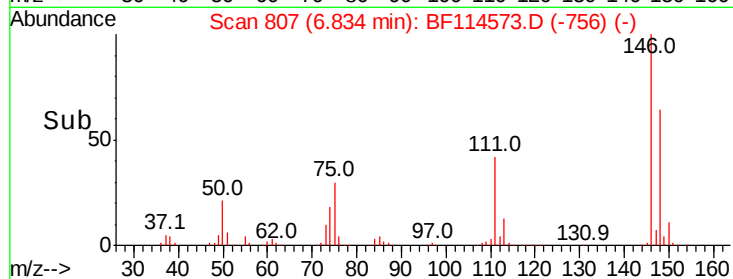
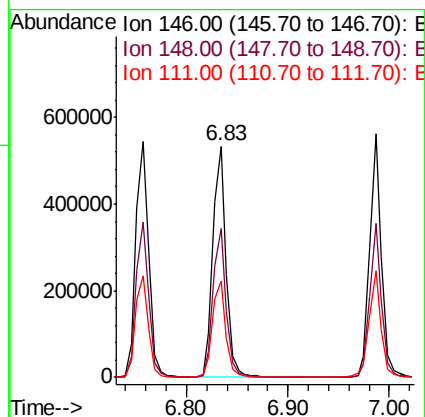
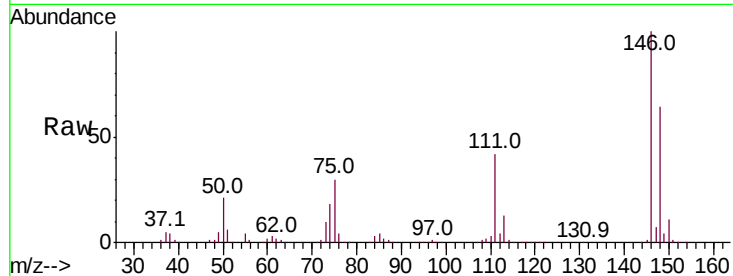




#13
 1,4-Dichlorobenzene
 Concen: 41.853 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

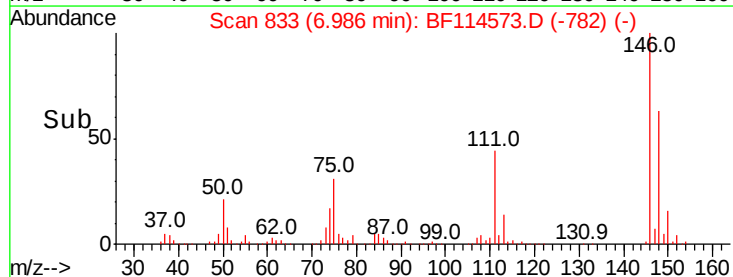
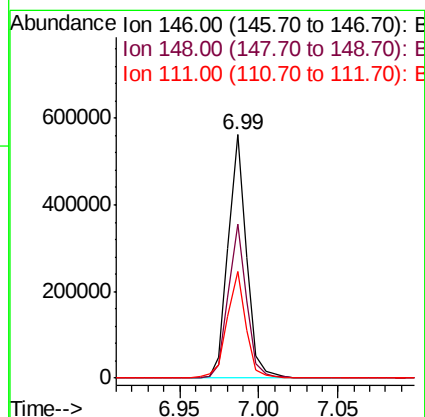
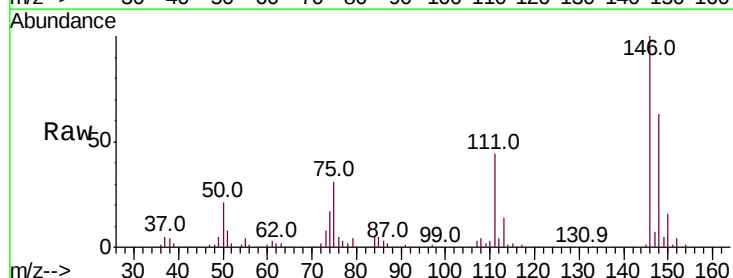
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

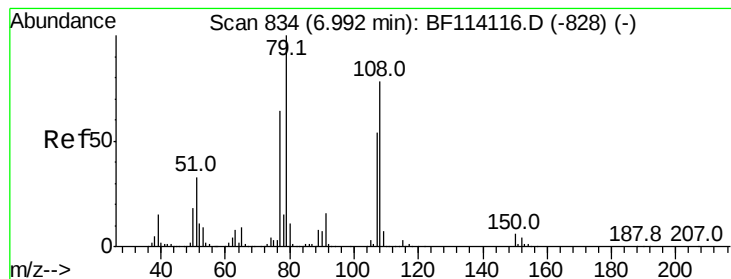
Tot Ion:146 Resp: 484291
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.2
 111 41.7 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 42.691 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion:146 Resp: 451311
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 43.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.788 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

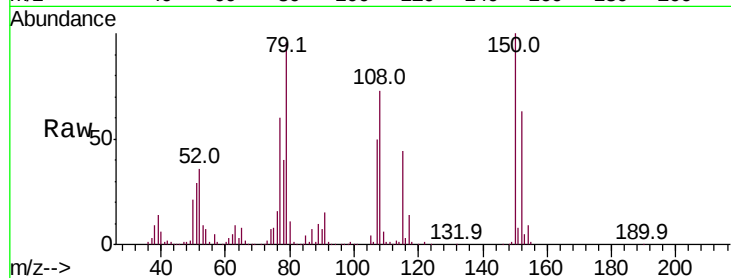
Tot Ion: 79 Resp: 351703

Ion Ratio Lower Upper

79 100

108 75.7 62.1 93.1

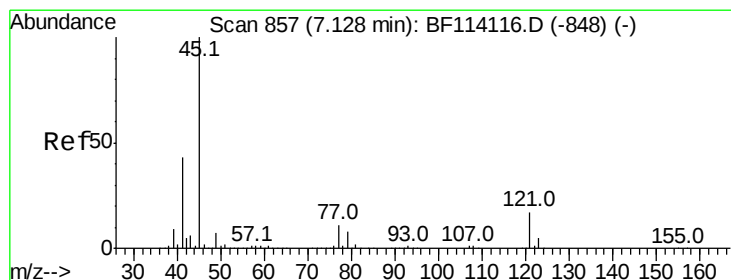
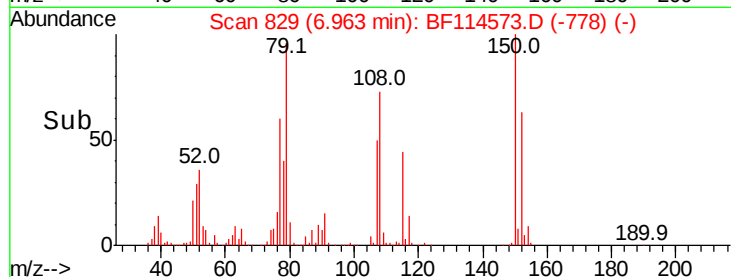
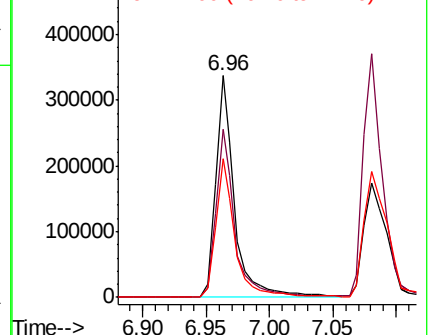
77 62.7 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.819 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

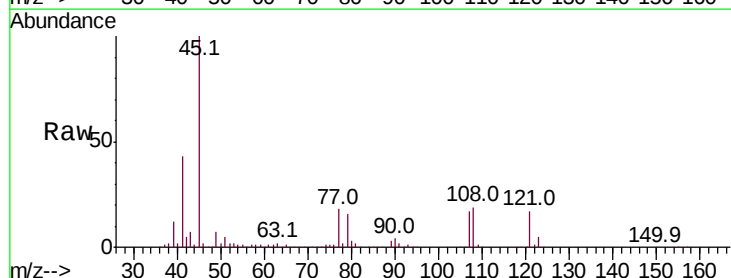
Tgt Ion: 45 Resp: 781461

Ion Ratio Lower Upper

45 100

77 18.5 0.0 31.1

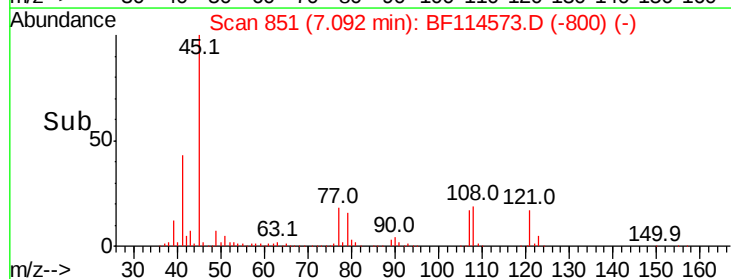
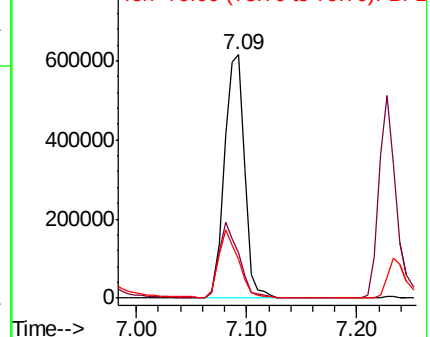
79 16.1 0.0 28.4

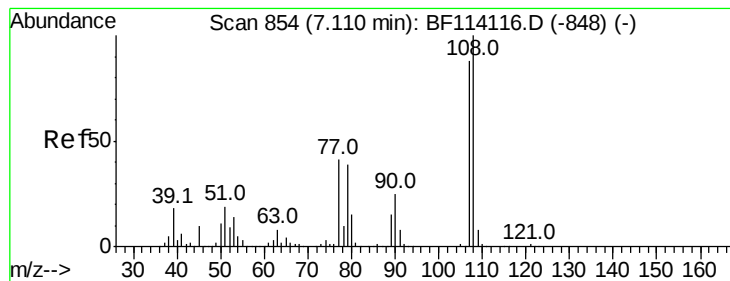


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.126 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 337188

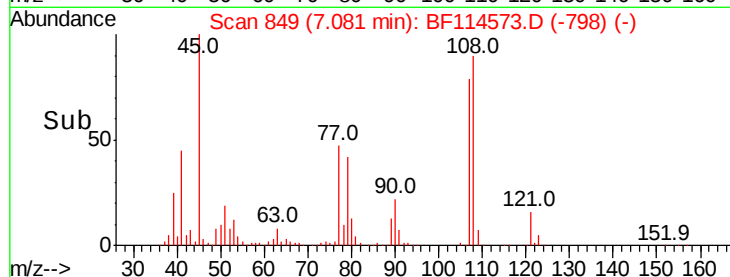
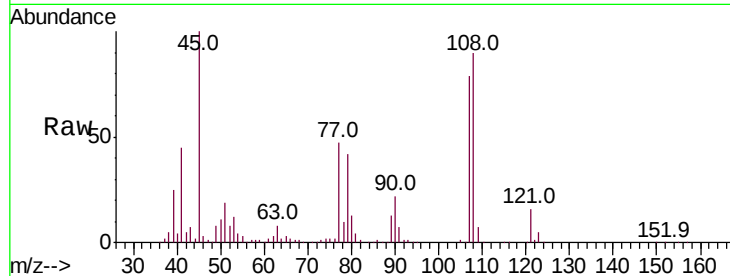
Ion Ratio Lower Upper

107 100

108 114.0 90.5 135.7

77 59.1 37.0 55.4#

79 53.3 35.8 53.8

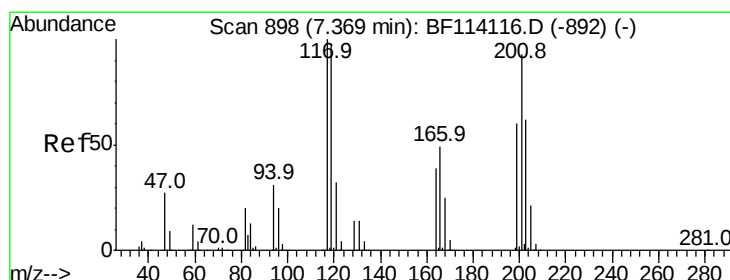
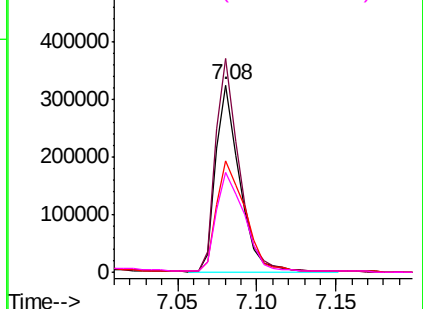


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.533 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

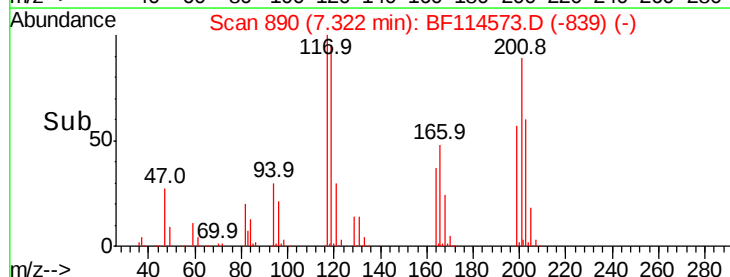
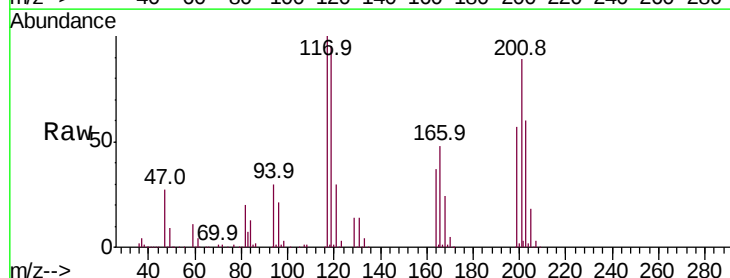
Tgt Ion:117 Resp: 180395

Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.2

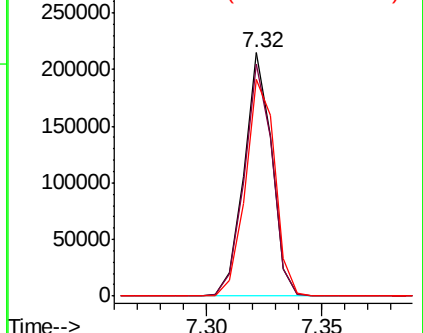
201 88.9 74.5 111.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

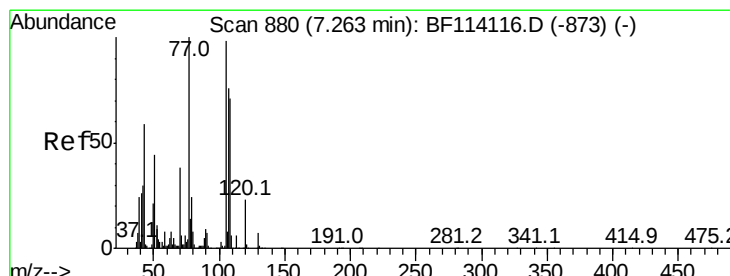
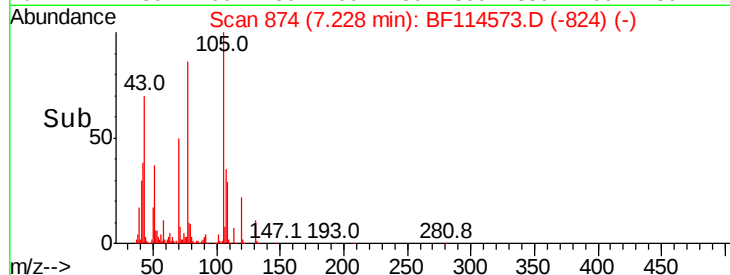
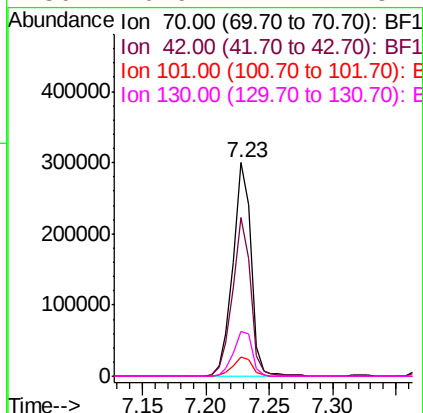
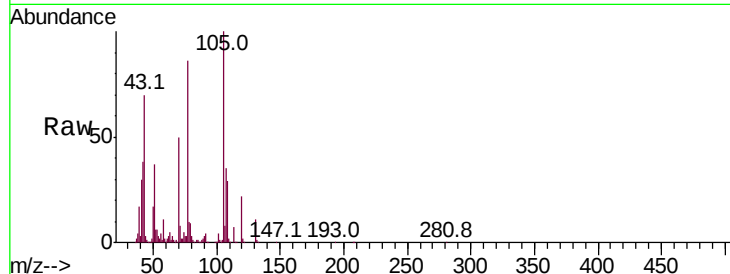




#19
n-Nitroso-di-n-propylamine
Concen: 41.379 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

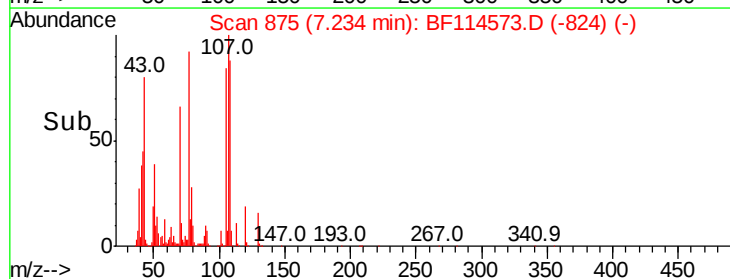
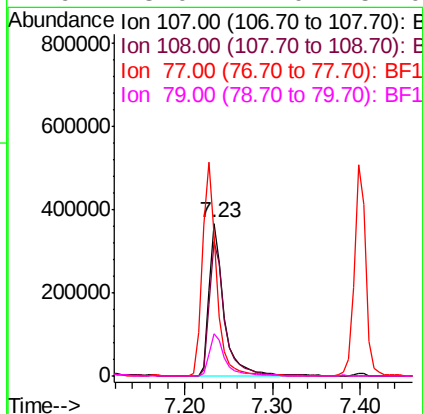
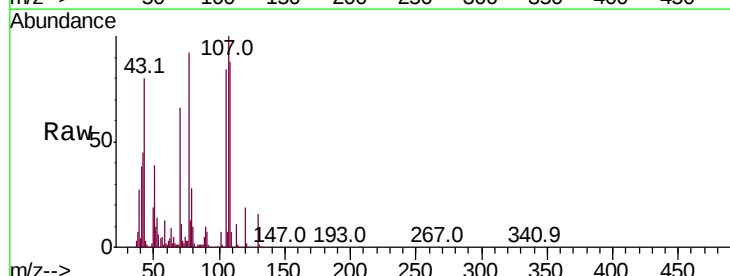
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

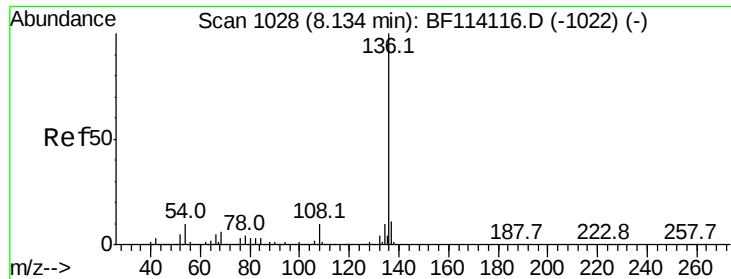
Tot Ion:	70	Resp:	297254
Ion	Ratio	Lower	Upper
70	100		
42	74.5	58.6	87.8
101	8.9	7.8	11.8
130	20.9	17.1	25.7



#20
3+4-Methylphenols
Concen: 44.526 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:	107	Resp:	432304
Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.8	113.8
77	92.3	111.5	151.5#
79	28.0	12.0	52.0

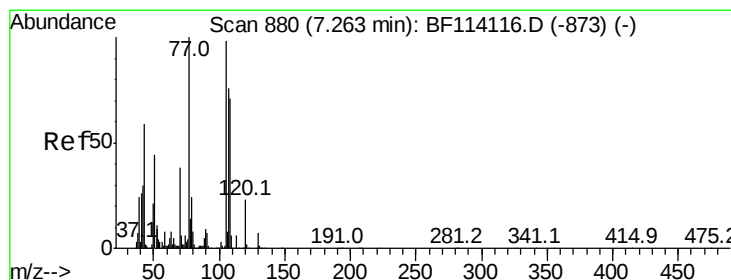
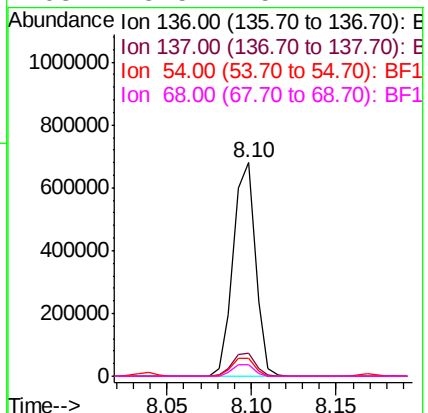
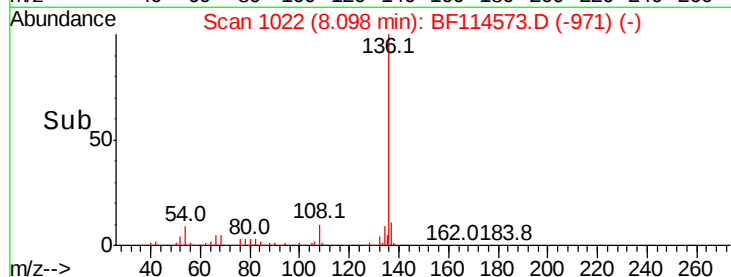
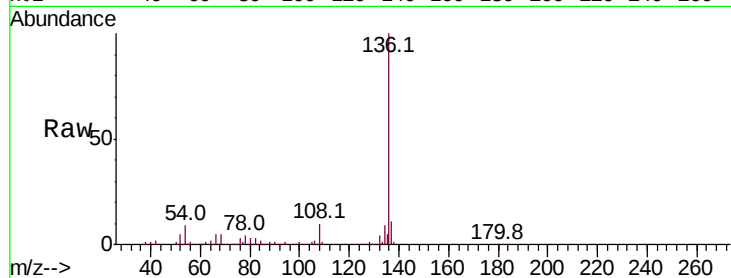




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

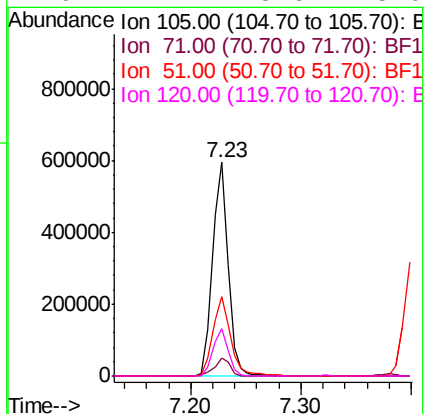
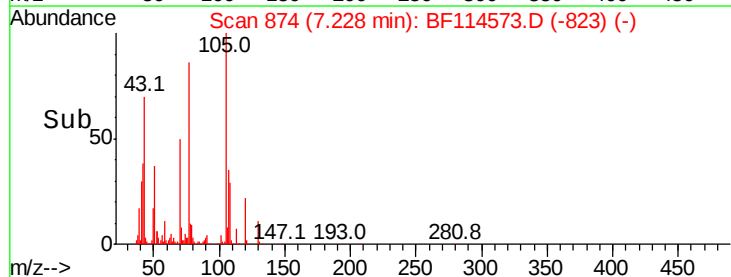
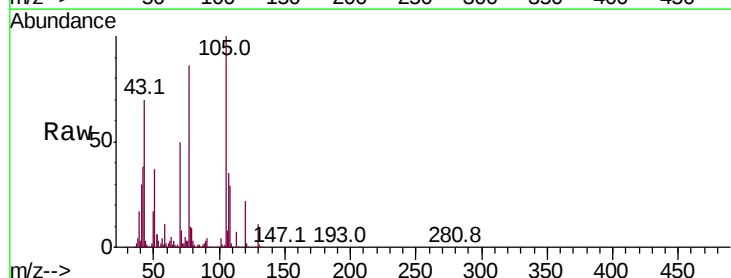
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp: 625626
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 8.6	7.8 11.8
68 5.5	5.1 7.7



#22
Acetophenone
Concen: 41.118 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt	Ion:105	Resp:	569877
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.3	7.9#
51	37.4	36.2	54.4
120	22.2	18.6	28.0

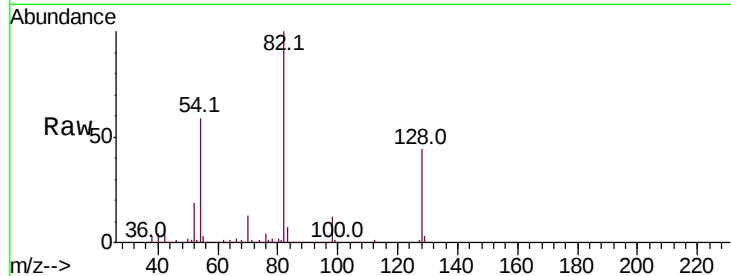




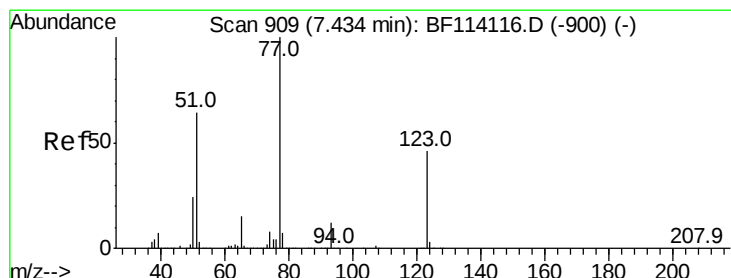
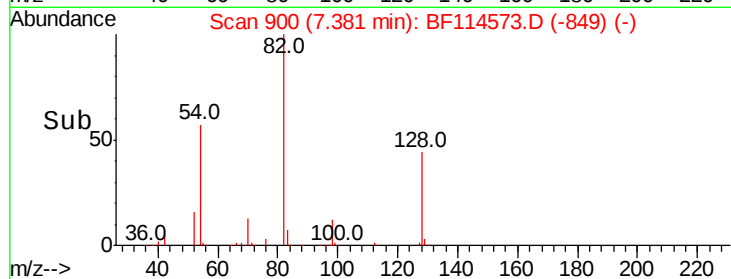
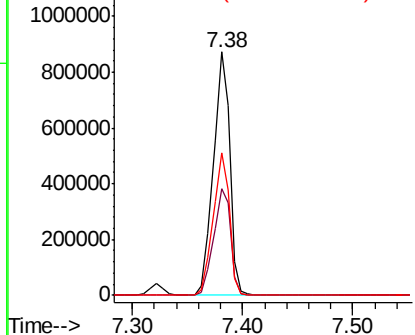
#23
Nitrobenzene-d5
Concen: 79.990 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 891727
Ion Ratio Lower Upper
82 100
128 43.9 35.5 53.3
54 58.6 48.5 72.7

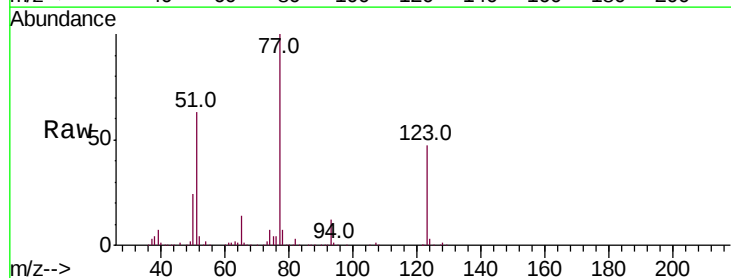


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000
Ion 128.00 (127.70 to 128.70): BF1
1000000
Ion 54.00 (53.70 to 54.70): BF1

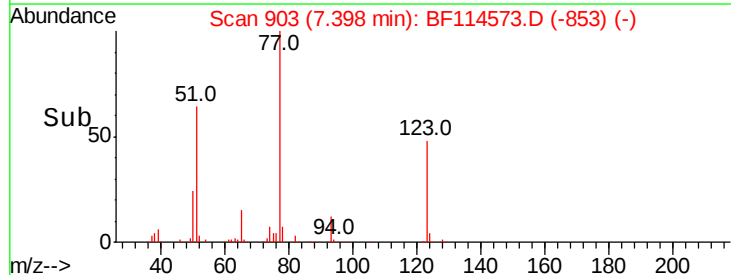
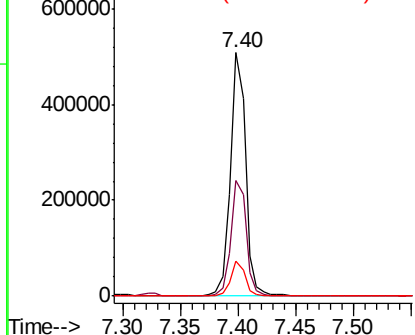


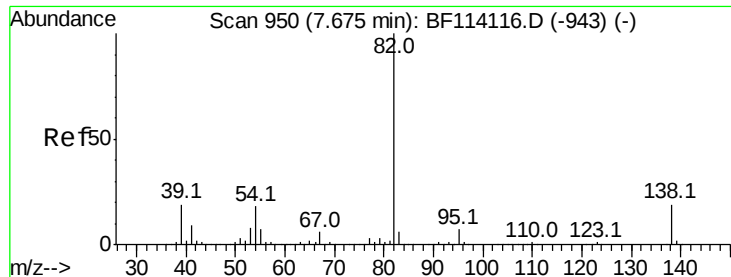
#24
Nitrobenzene
Concen: 40.539 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion: 77 Resp: 460288
Ion Ratio Lower Upper
77 100
123 47.4 36.9 55.3
65 14.4 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
600000
Ion 123.00 (122.70 to 123.70): BF1
400000
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.834 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

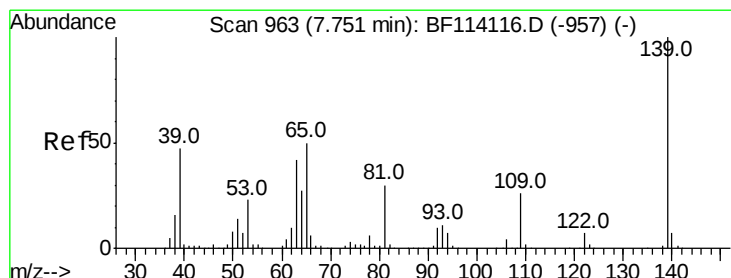
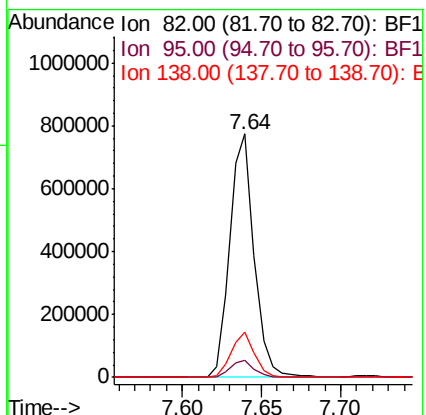
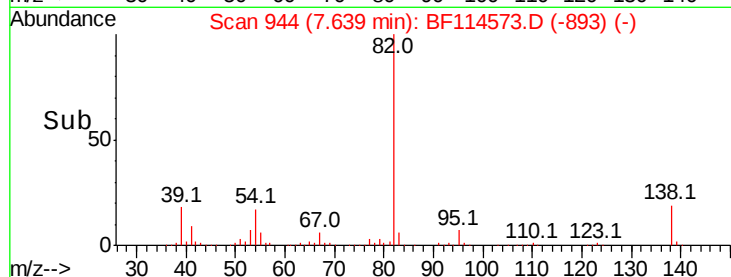
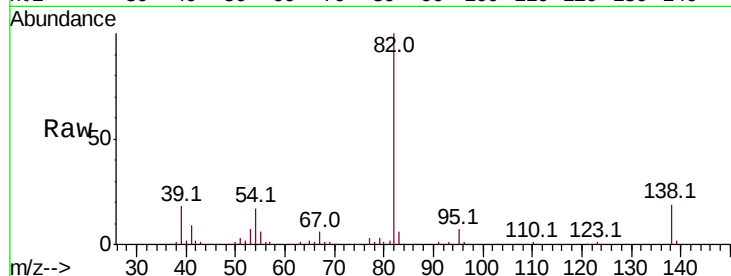
Tot Ion: 82 Resp: 823579

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 18.8 14.8 22.2



#26

2-Nitrophenol

Concen: 41.659 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

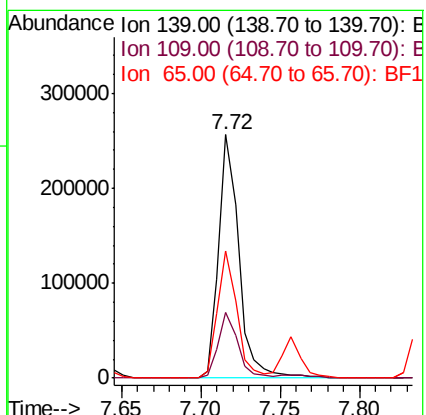
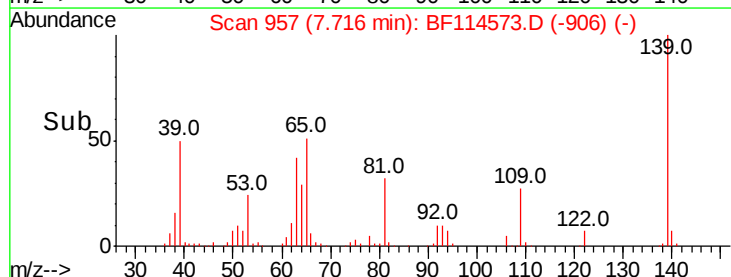
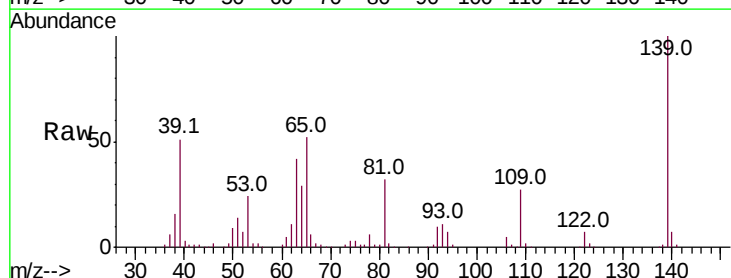
Tgt Ion:139 Resp: 229488

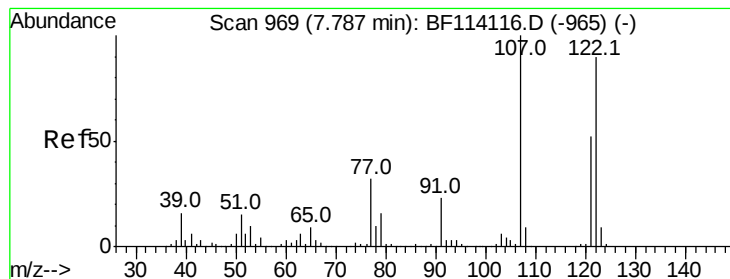
Ion Ratio Lower Upper

139 100

109 27.0 20.7 31.1

65 52.3 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 38.219 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

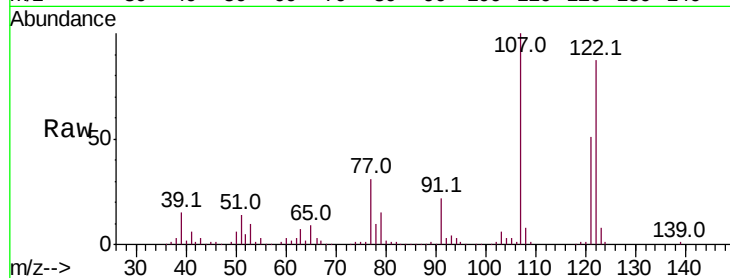
Tot Ion:122 Resp: 330670

Ion Ratio Lower Upper

122 100

107 115.1 88.4 132.6

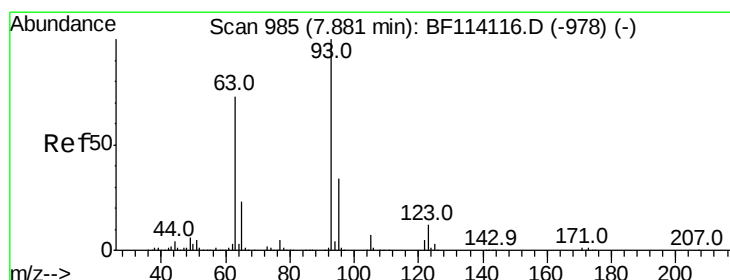
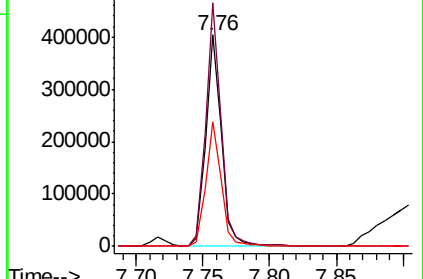
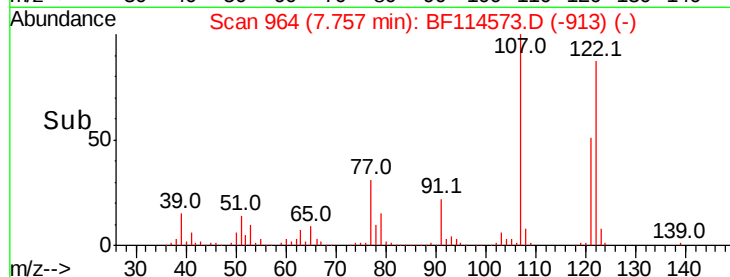
121 59.2 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.389 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

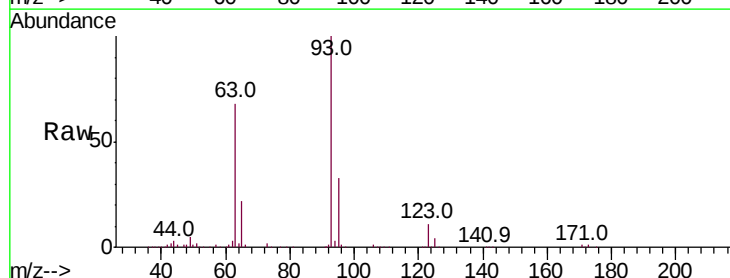
Tgt Ion: 93 Resp: 541816

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

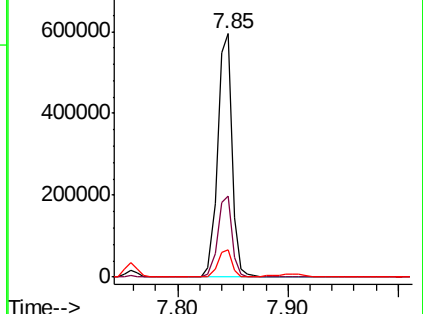
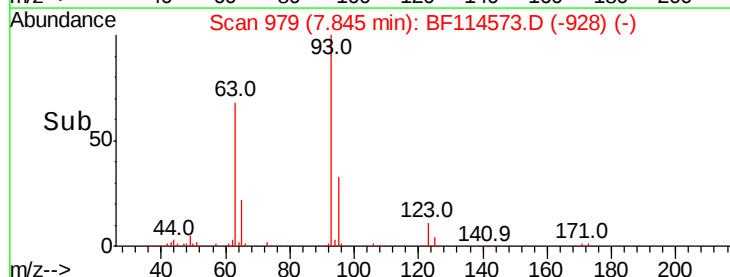
123 11.3 9.5 14.3

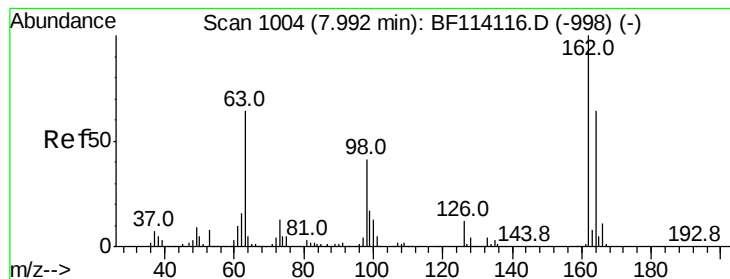


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.608 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

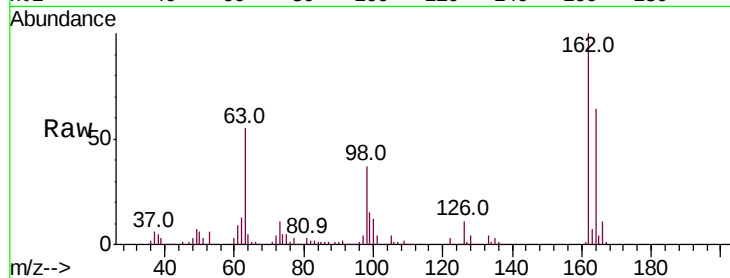
Tot Ion:162 Resp: 358464

Ion Ratio Lower Upper

162 100

164 64.3 43.6 83.6

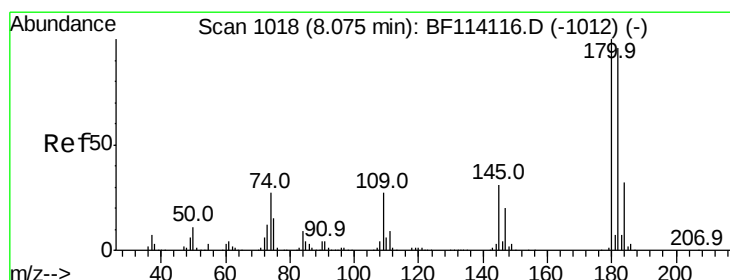
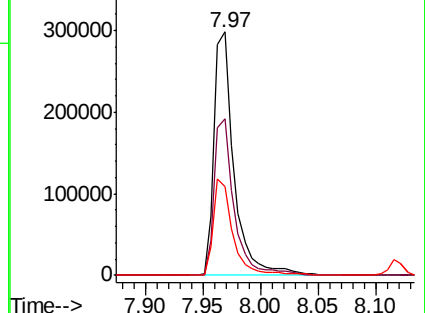
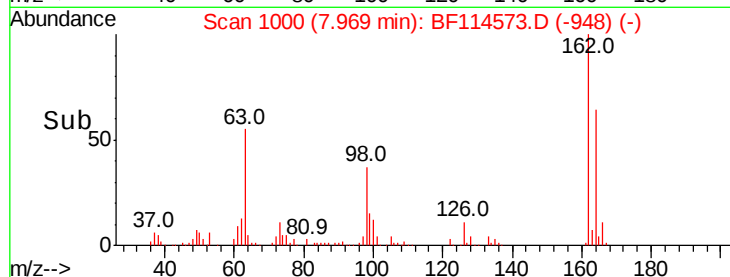
98 36.6 20.6 60.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.502 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

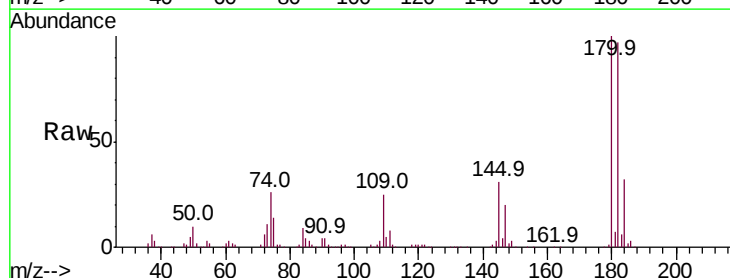
Tgt Ion:180 Resp: 396778

Ion Ratio Lower Upper

180 100

182 96.6 76.6 114.8

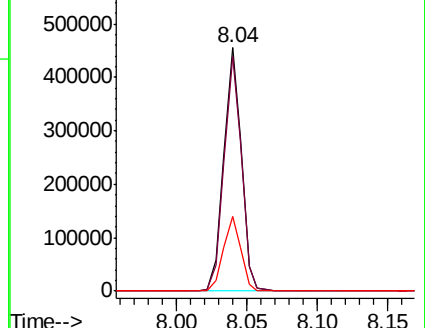
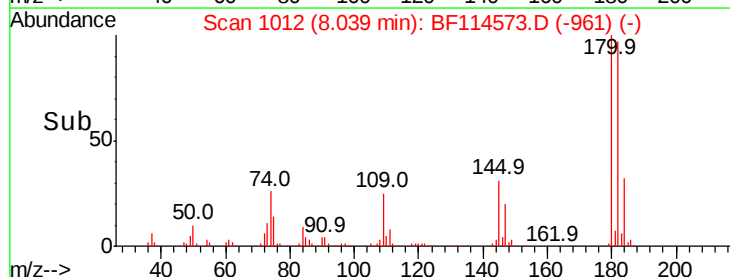
145 30.6 25.1 37.7

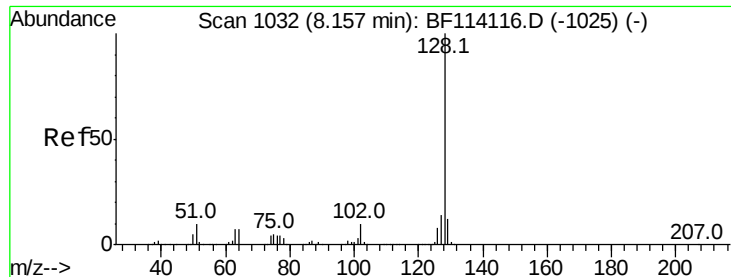


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

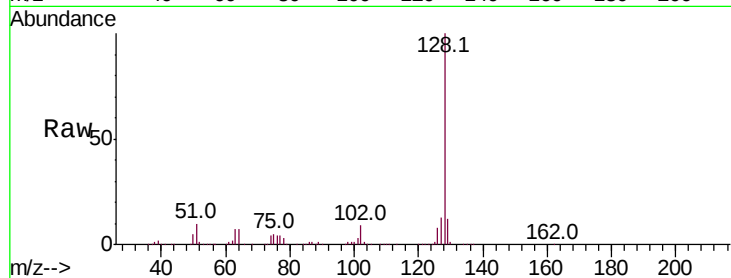




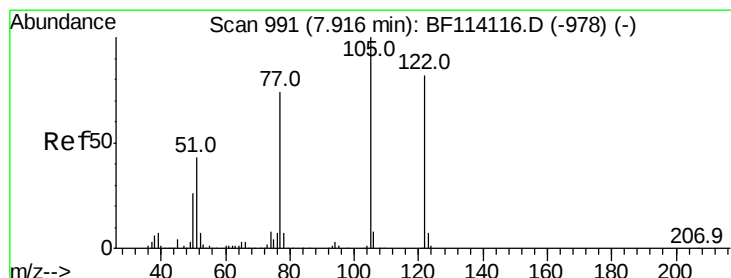
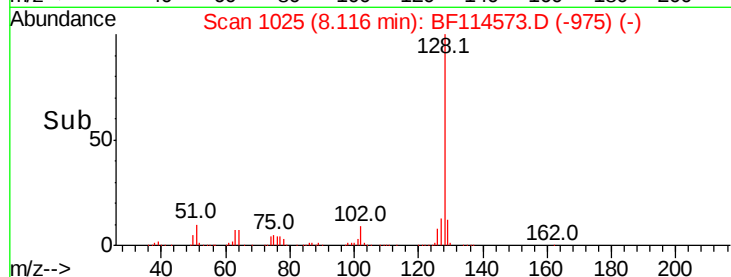
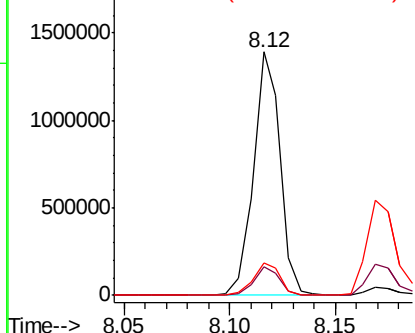
#31
Naphthalene
Concen: 41.773 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1220781
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.4 11.3 16.9

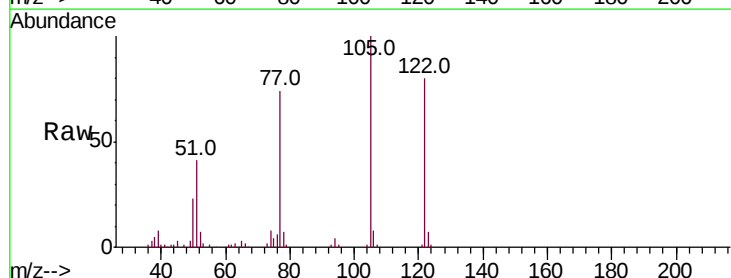


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

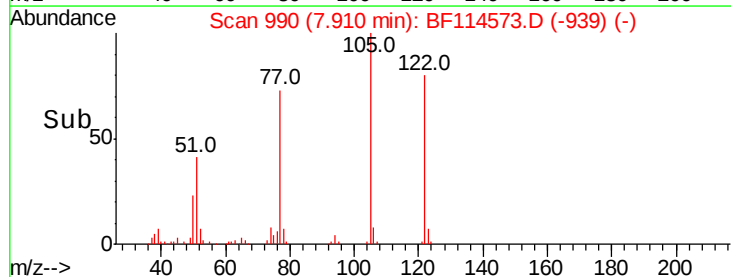
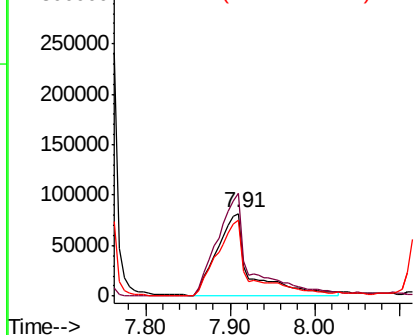


#32
Benzoic acid
Concen: 37.641 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:122 Resp: 221262
Ion Ratio Lower Upper
122 100
105 124.2 99.9 139.9
77 91.4 69.4 109.4



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

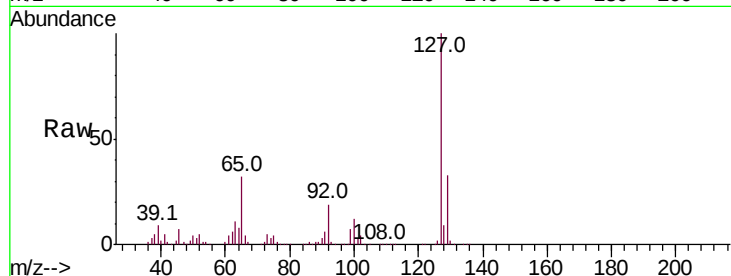




#33
4-Chloroaniline
Concen: 42.177 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	561684
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	32.1	25.4	38.0
92	18.7	15.4	23.2



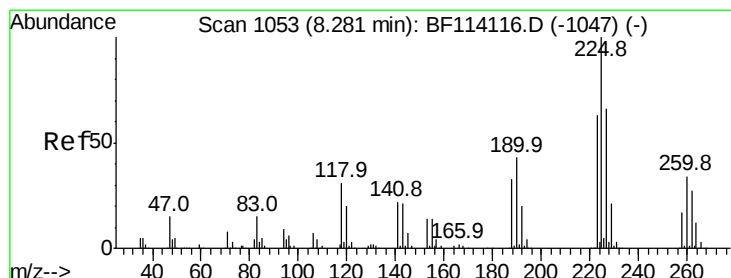
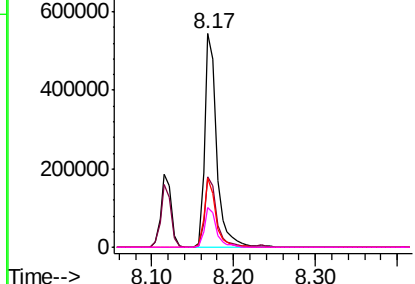
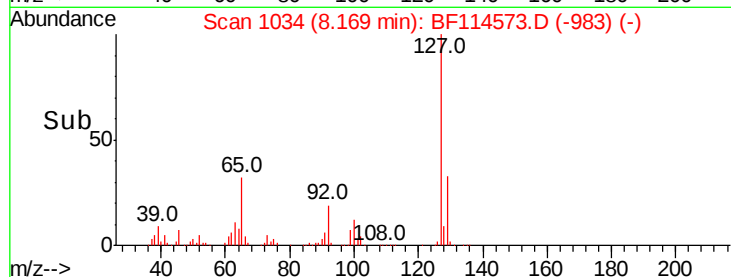
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

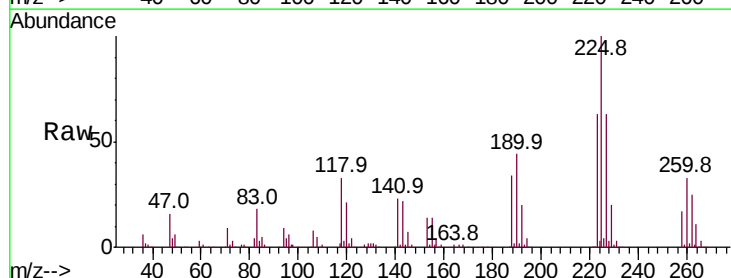
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.301 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:	225	Resp:	230215
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	63.0	52.6	79.0

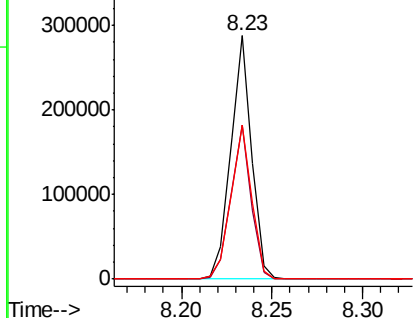
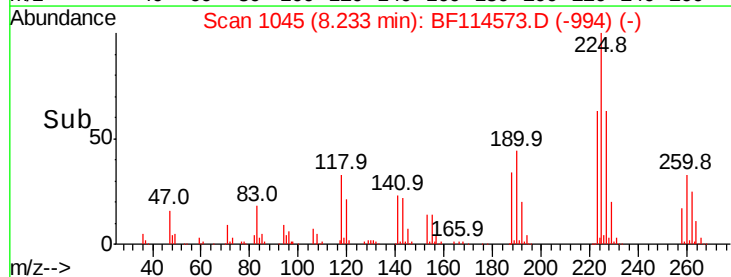


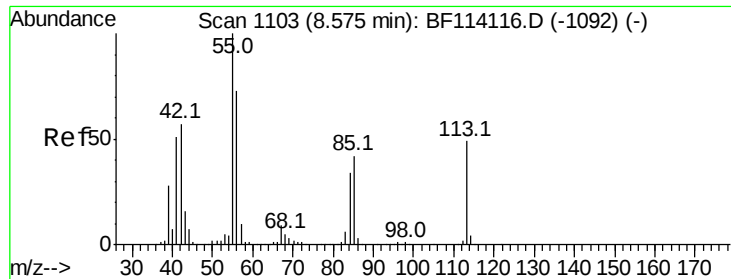
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.622 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

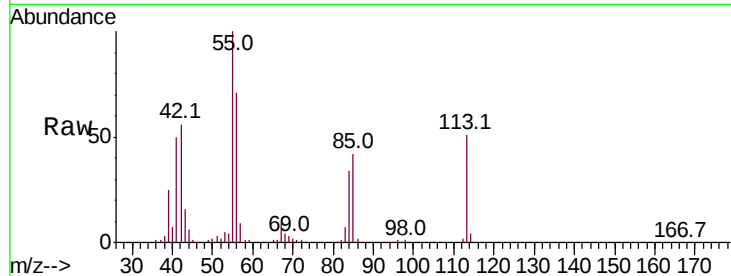
Tot Ion:113 Resp: 119733

Ion Ratio Lower Upper

113 100

55 196.4 183.5 223.5

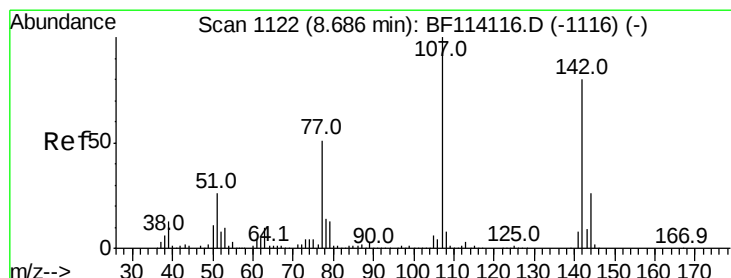
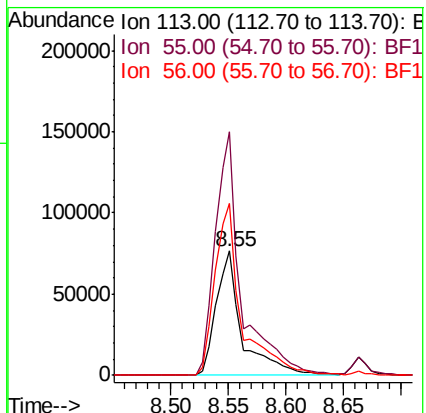
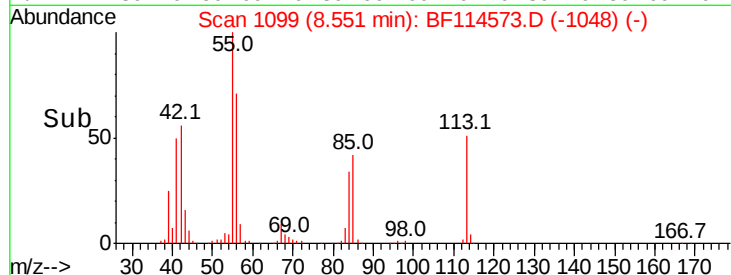
56 138.9 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.370 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

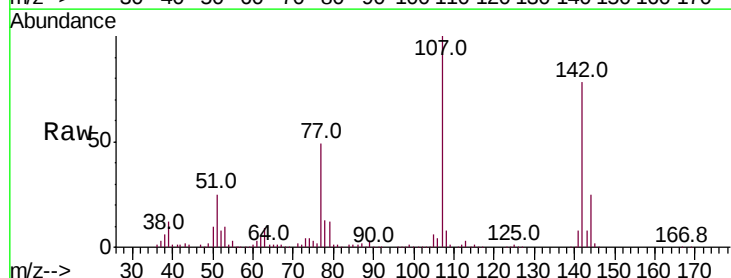
Tgt Ion:107 Resp: 367428

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

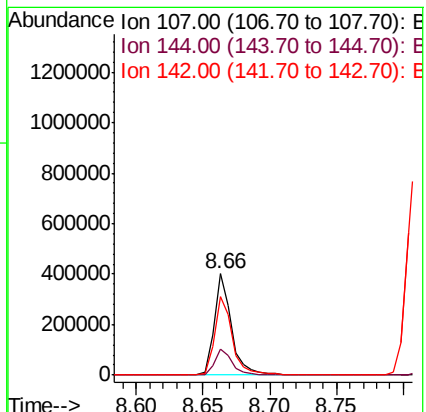
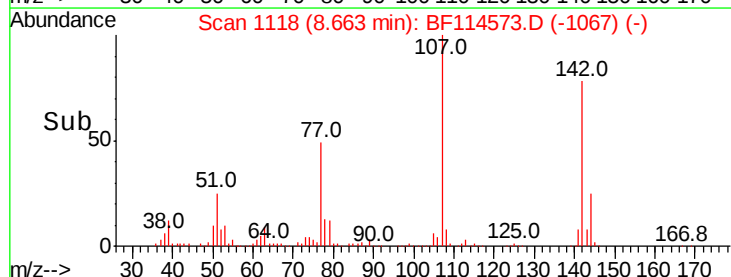
142 77.5 64.2 96.4

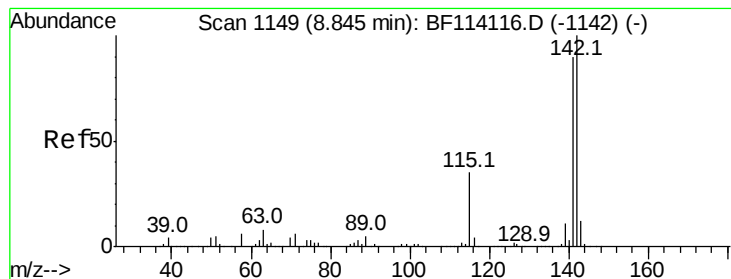


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.315 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

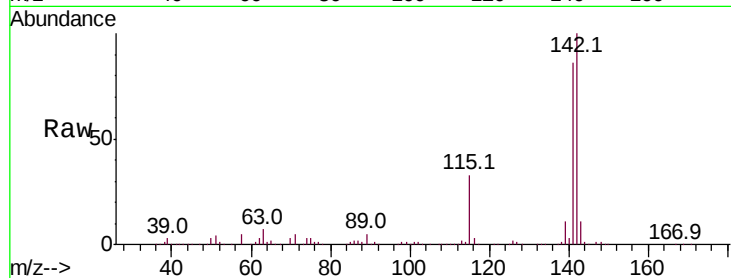
Tot Ion:142 Resp: 816704

Ion Ratio Lower Upper

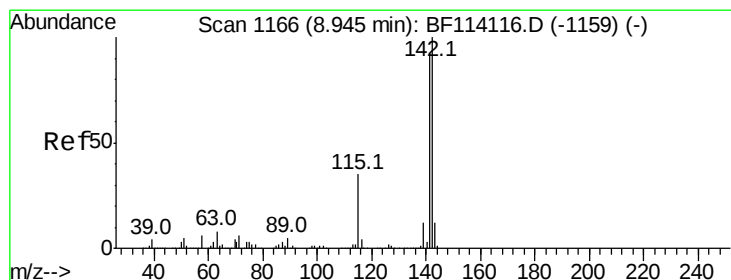
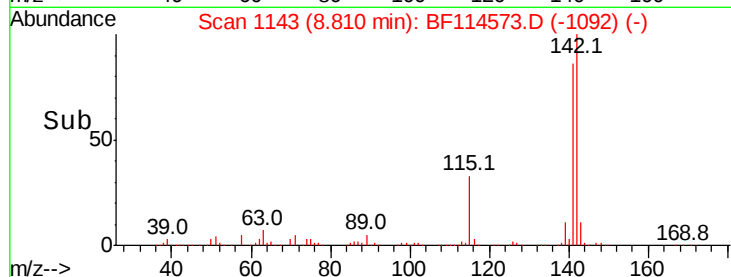
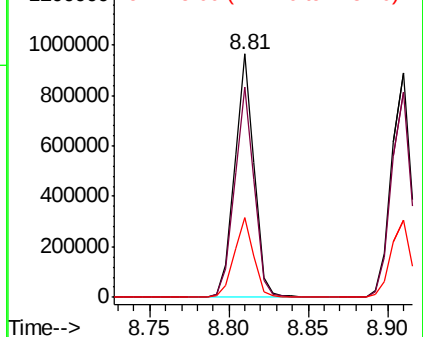
142 100

141 86.3 72.1 108.1

115 32.8 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: 42.901 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

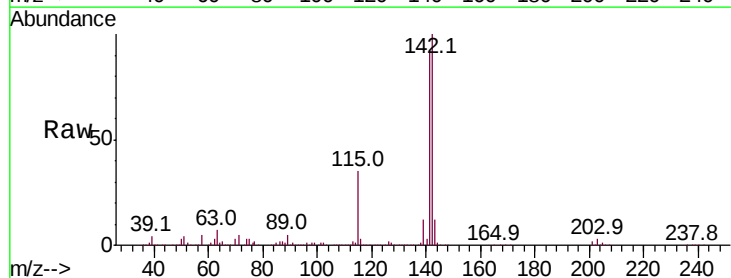
Tgt Ion:142 Resp: 761755

Ion Ratio Lower Upper

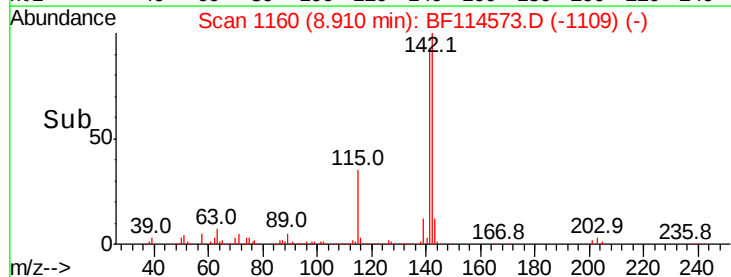
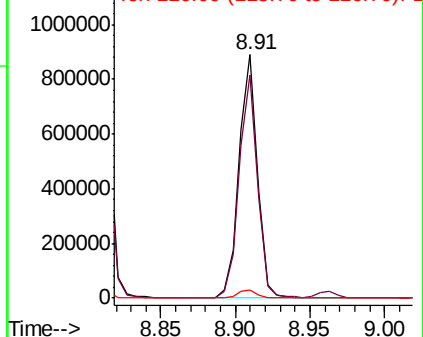
142 100

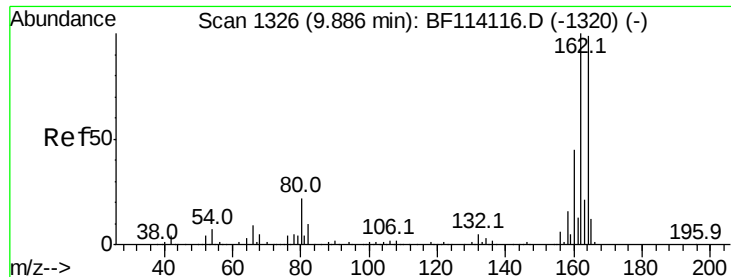
141 91.5 73.4 110.0

116 3.4 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

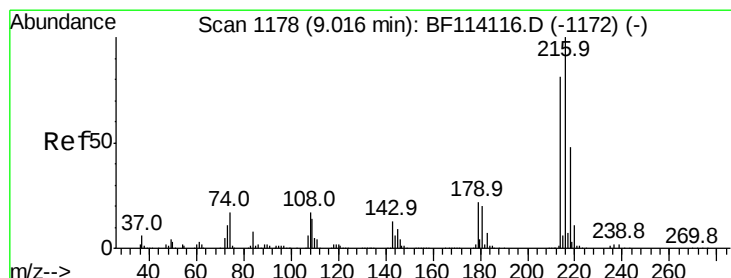
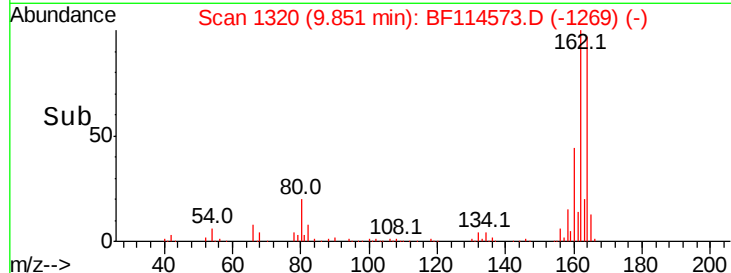
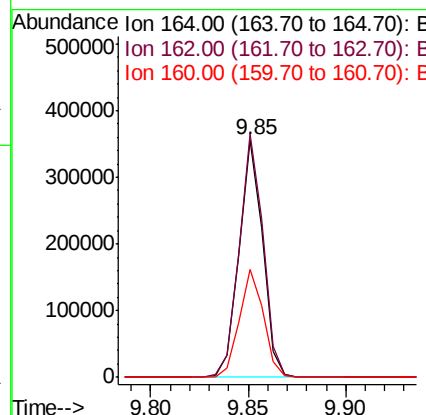
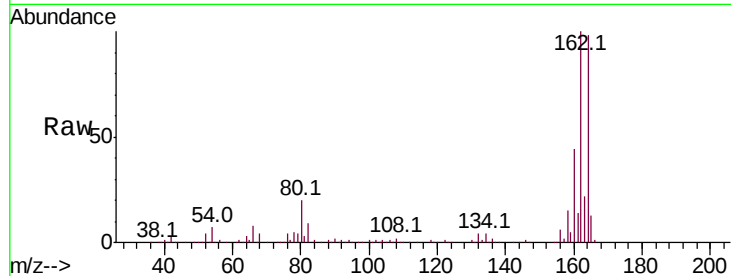




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

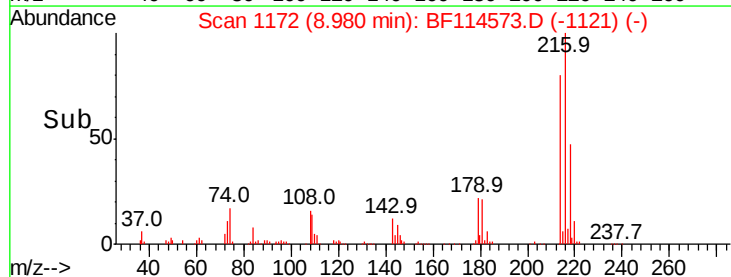
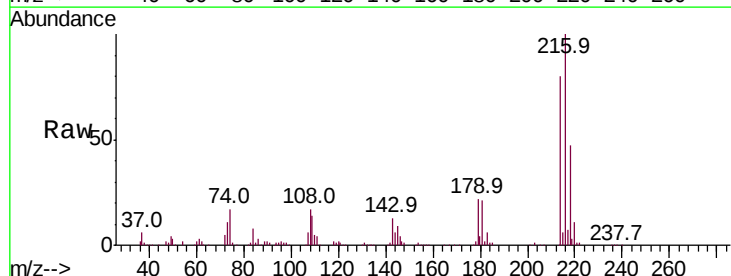
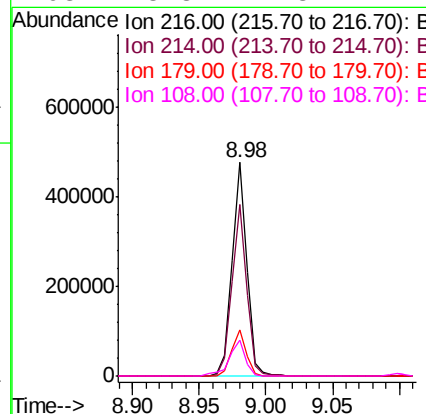
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

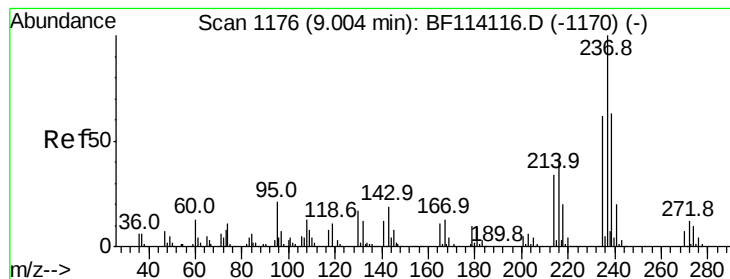
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.3	36.5	54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.552 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.9	95.9
179	21.3	17.0	25.6
108	18.3	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 37.454 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

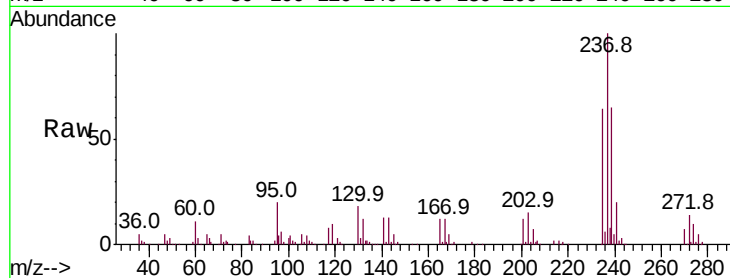
Tot Ion:237 Resp: 147463

Ion Ratio Lower Upper

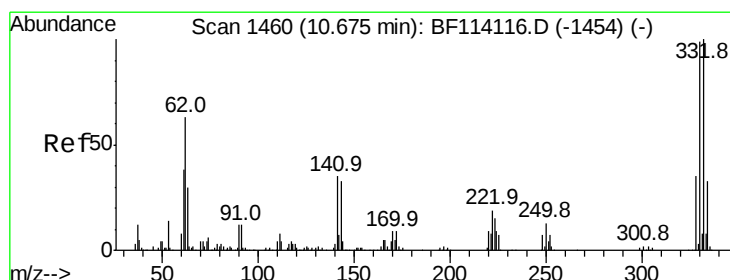
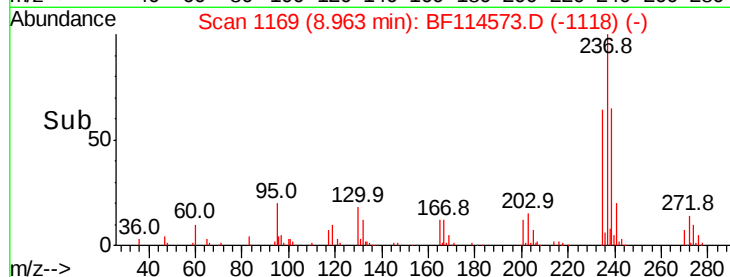
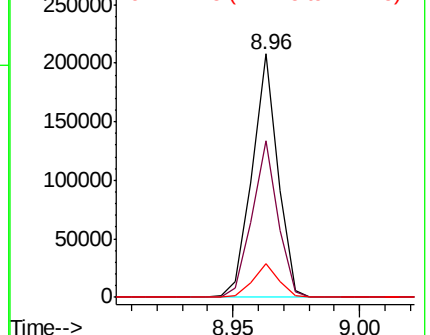
237 100

235 64.3 42.0 82.0

272 13.6 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 76.767 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

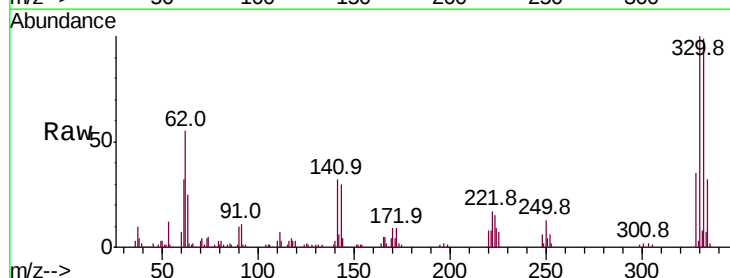
Tgt Ion:330 Resp: 236779

Ion Ratio Lower Upper

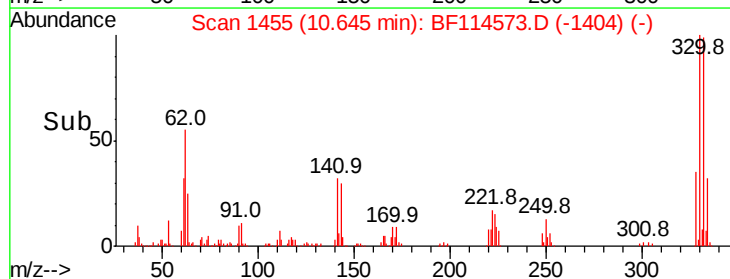
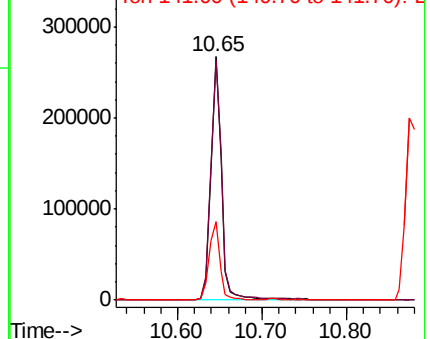
330 100

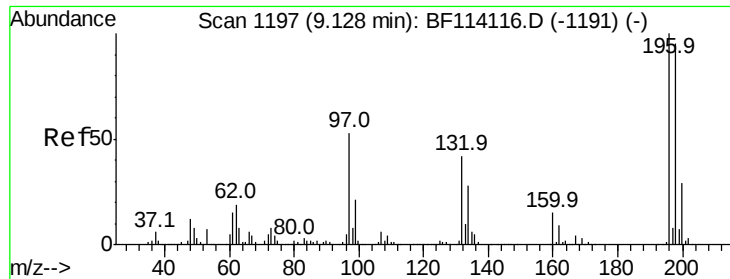
332 100.3 81.4 122.2

141 32.6 26.6 40.0



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

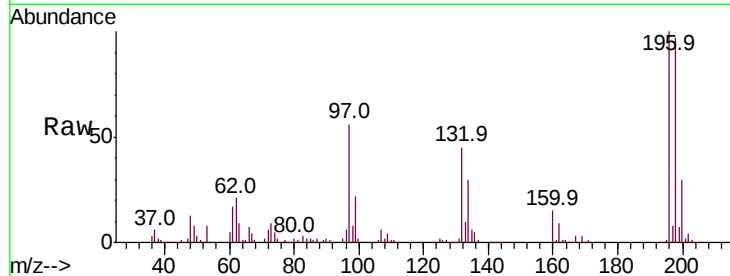




#43
 2,4,6-Trichlorophenol
 Concen: 38.960 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.9	113.9
200	30.2	23.5	35.3

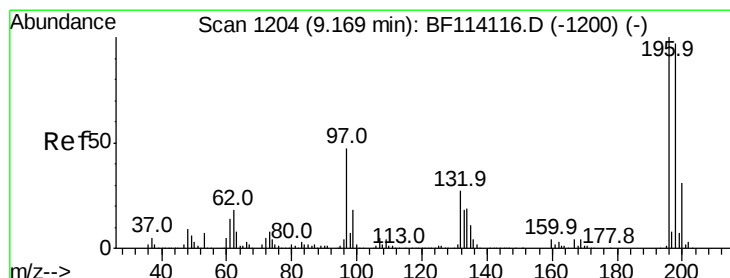
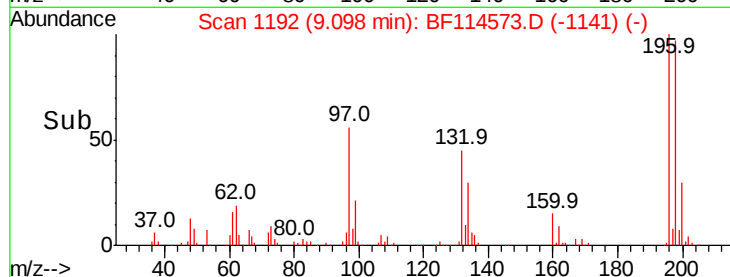
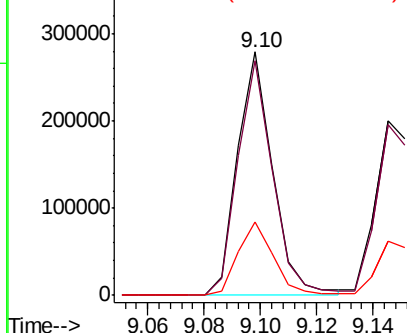


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.363 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	77.7	116.5
97	55.7	38.2	57.2
132	30.8	21.4	32.2

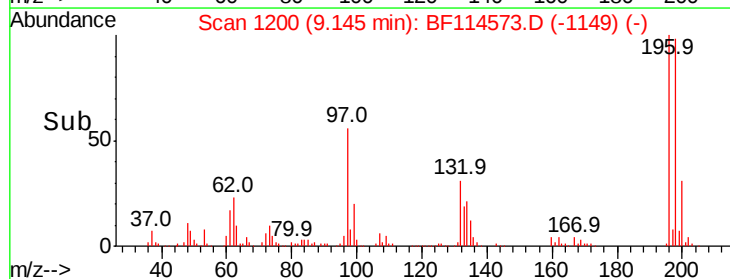
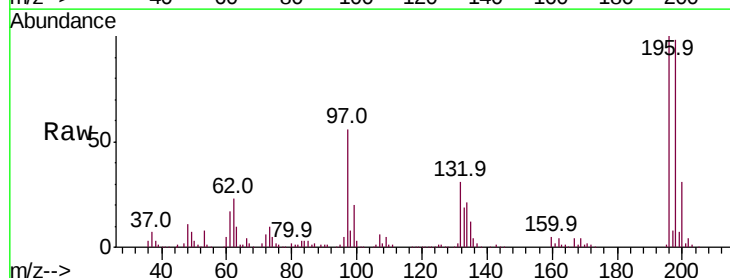
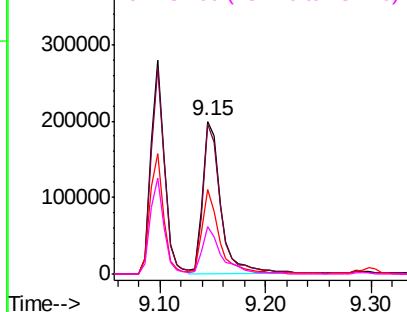
Abundance

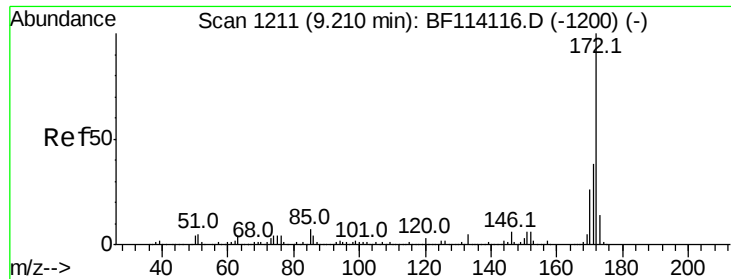
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

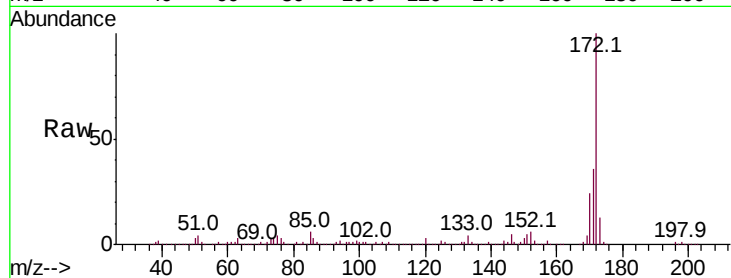




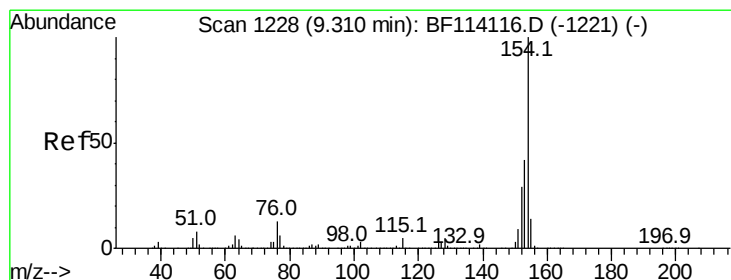
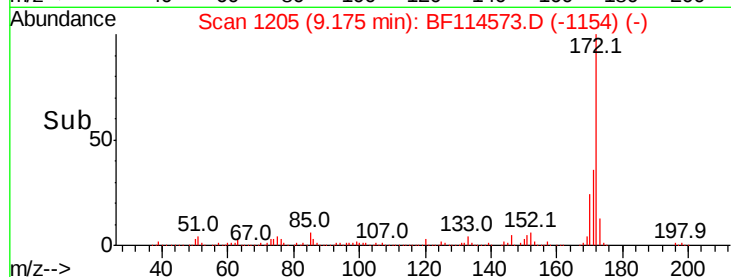
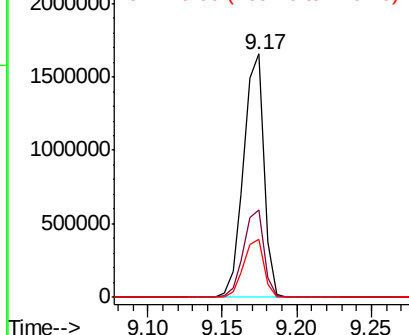
#45
2-Fluorobiphenyl
Concen: 79.989 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1577643
Ion Ratio Lower Upper
172 100
171 36.0 30.7 46.1
170 23.9 20.5 30.7

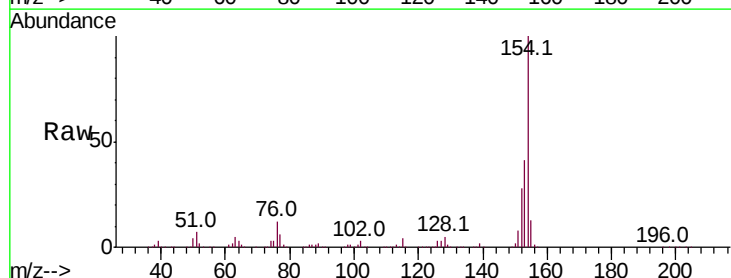


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

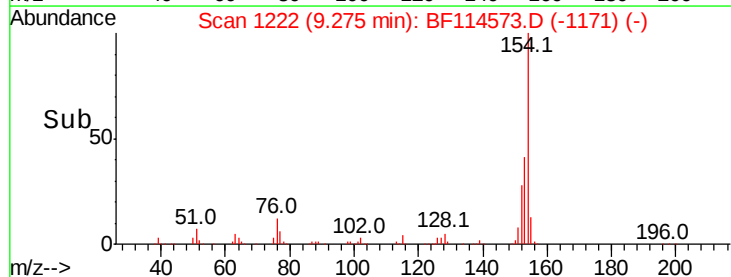
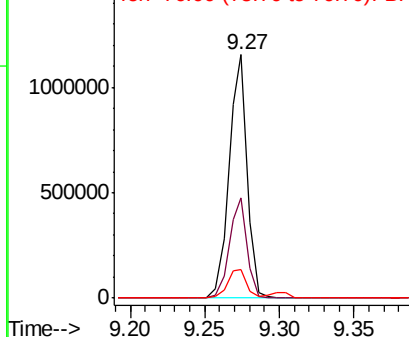


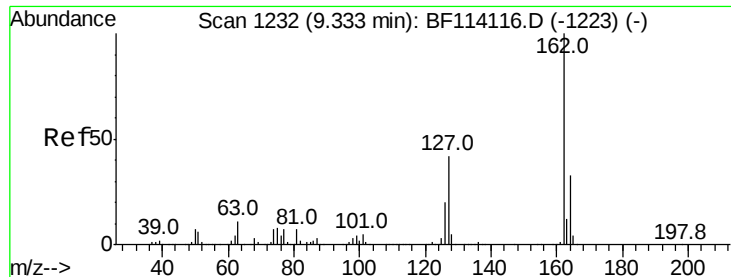
#46
1,1'-Biphenyl
Concen: 41.141 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:154 Resp: 991589
Ion Ratio Lower Upper
154 100
153 41.0 21.9 61.9
76 11.8 0.0 32.8



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

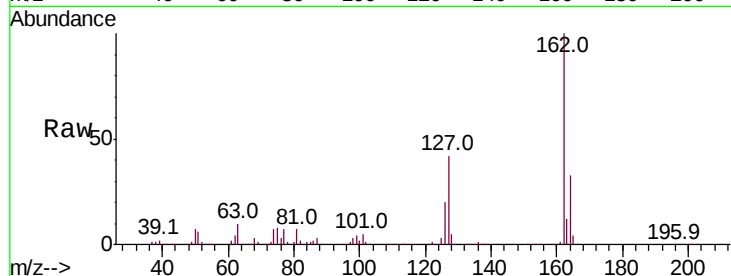




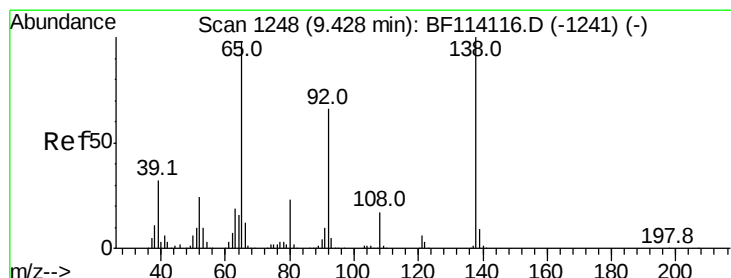
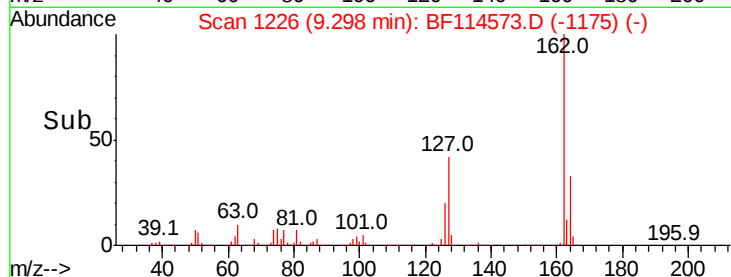
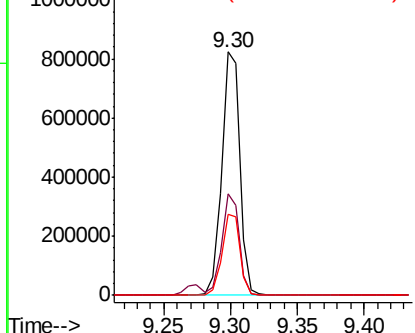
#47
 2-Chloronaphthalene
 Concen: 40.777 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	34.0	51.0
164	33.3	26.7	40.1

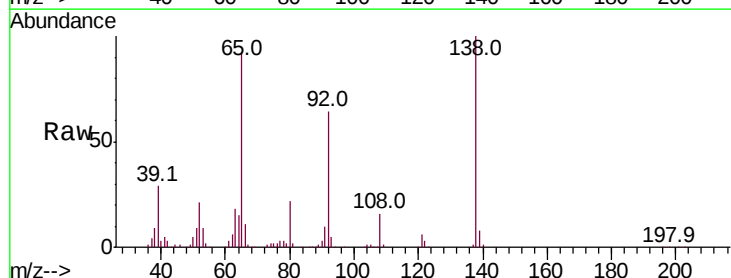


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

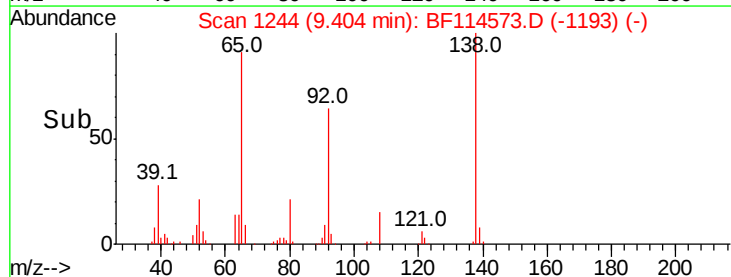
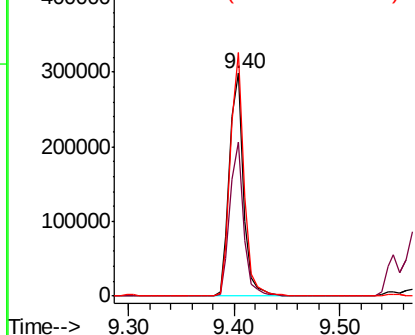


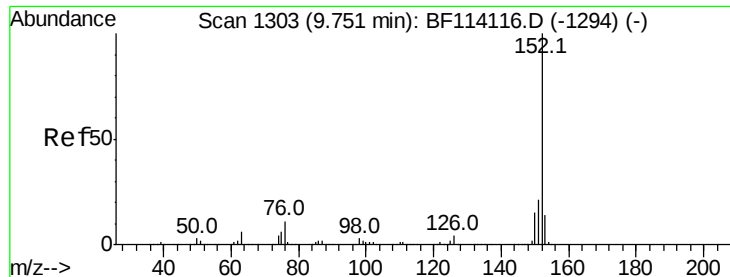
#48
 2-Nitroaniline
 Concen: 39.834 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	53.9	80.9
138	109.3	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.940 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

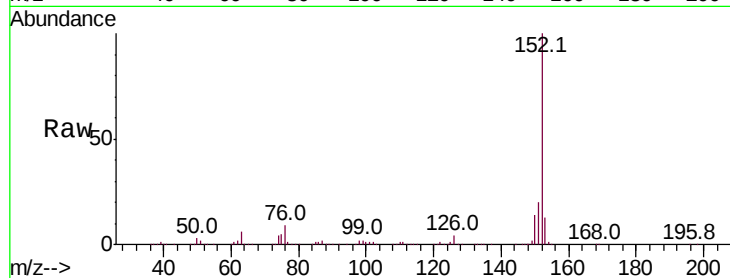
Tot Ion:152 Resp: 1207807

Ion Ratio Lower Upper

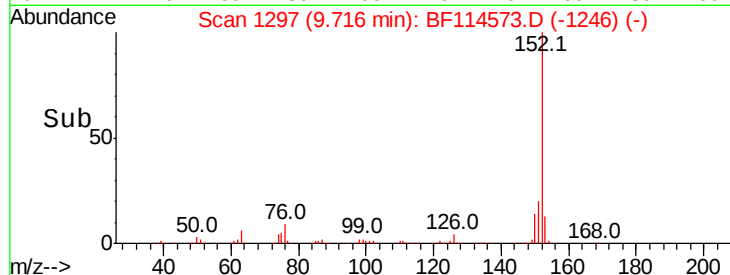
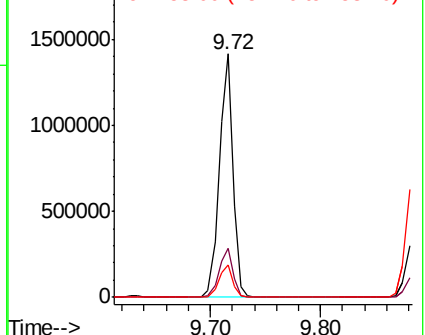
152 100

151 20.3 16.8 25.2

153 13.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.784 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

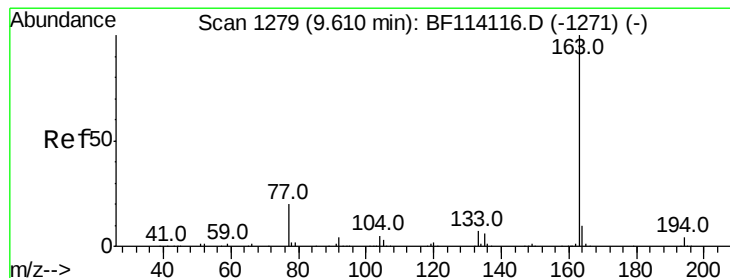
Tgt Ion:163 Resp: 893226

Ion Ratio Lower Upper

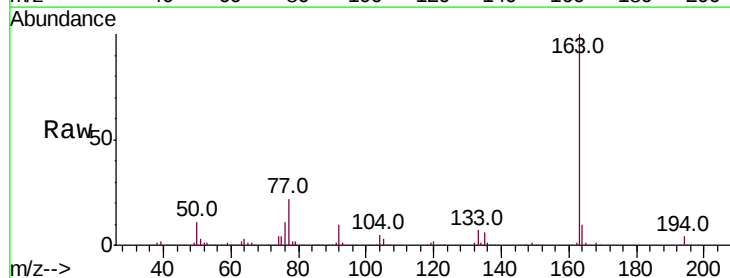
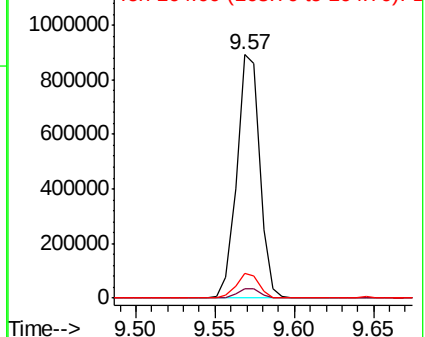
163 100

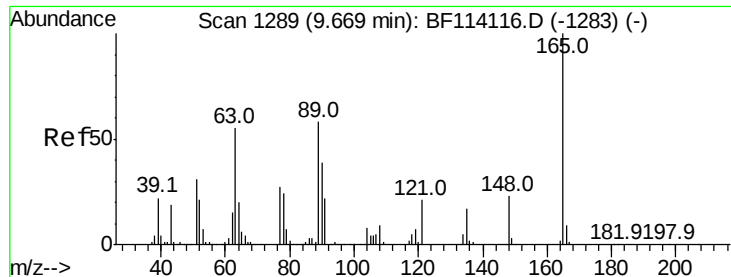
194 3.6 3.4 5.0

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.509 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

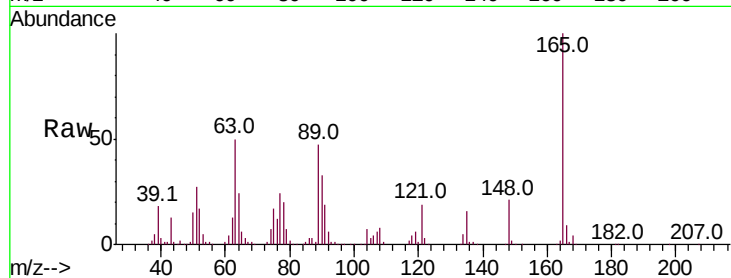
Tot Ion:165 Resp: 196779

Ion Ratio Lower Upper

165 100

63 50.3 50.2 75.4

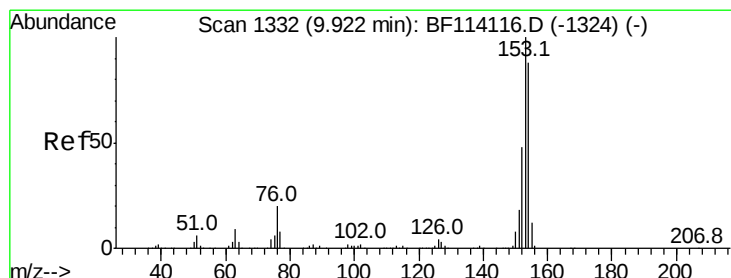
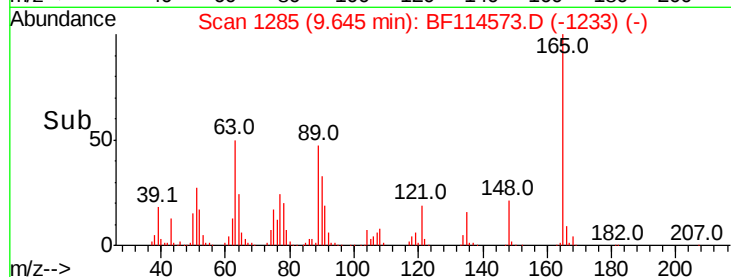
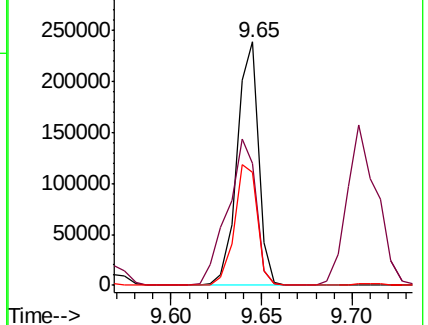
89 46.6 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.921 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

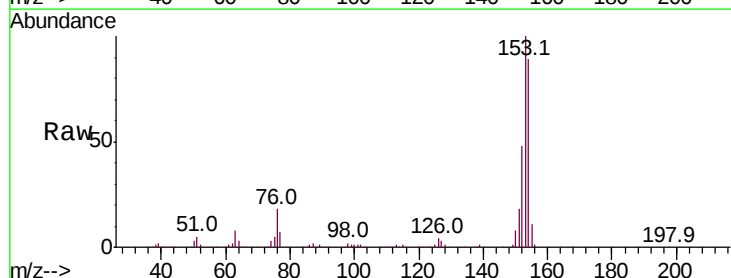
Tgt Ion:154 Resp: 722713

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

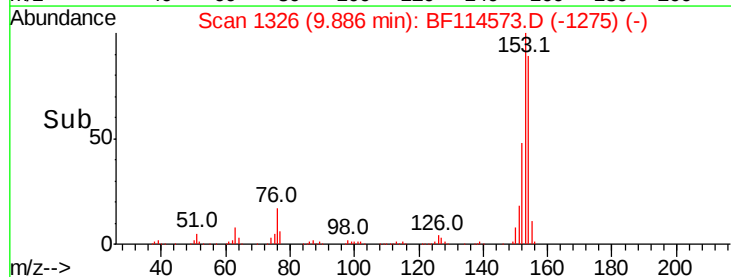
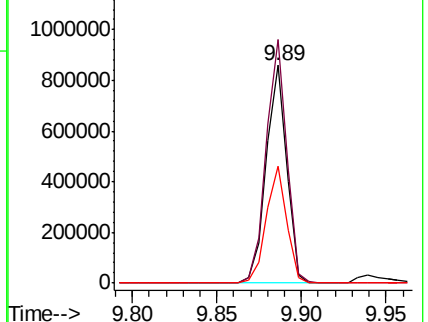
152 53.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

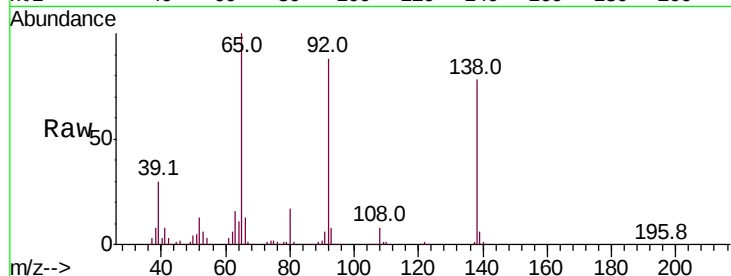




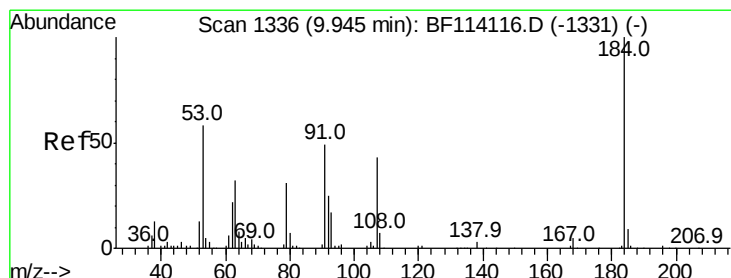
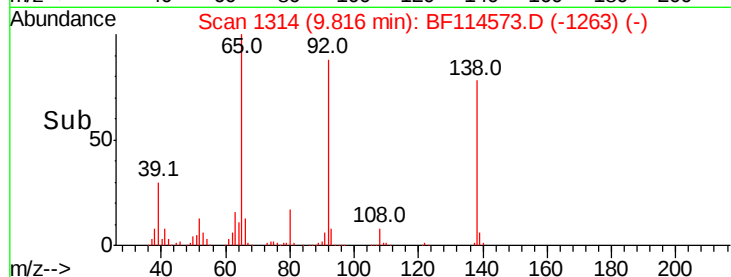
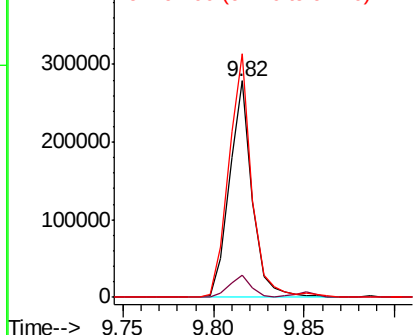
#53
3-Nitroaniline
Concen: 40.364 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 243398
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 112.7 91.2 136.8

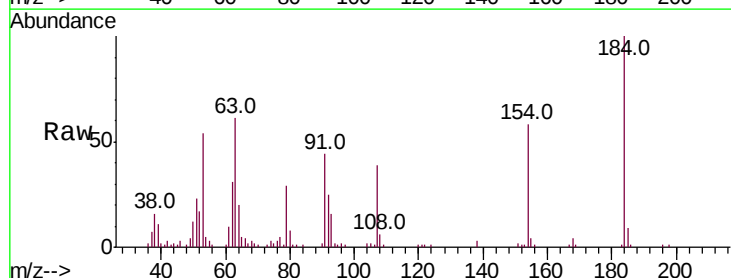


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

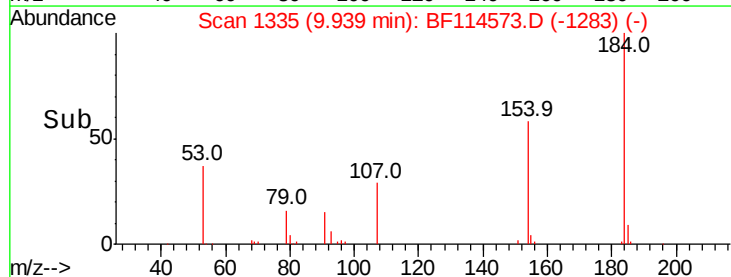
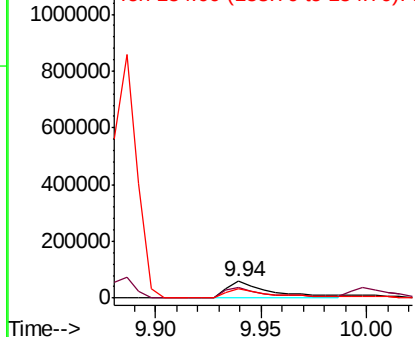


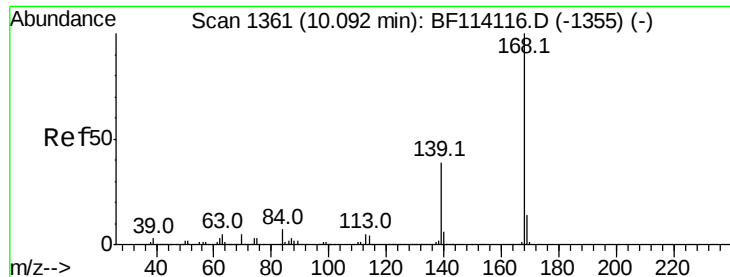
#54
2,4-Dinitrophenol
Concen: 38.543 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:184 Resp: 84822
Ion Ratio Lower Upper
184 100
63 61.4 55.6 83.4
154 58.0 46.0 69.0



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





#55

Dibenzofuran

Concen: 38.816 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

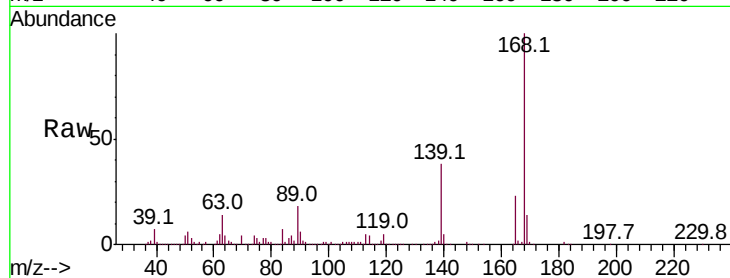
Tot Ion:168 Resp: 1030424

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

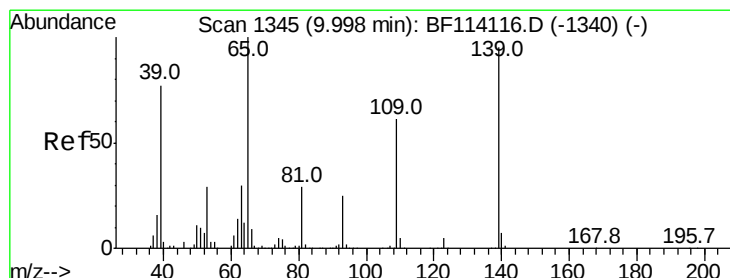
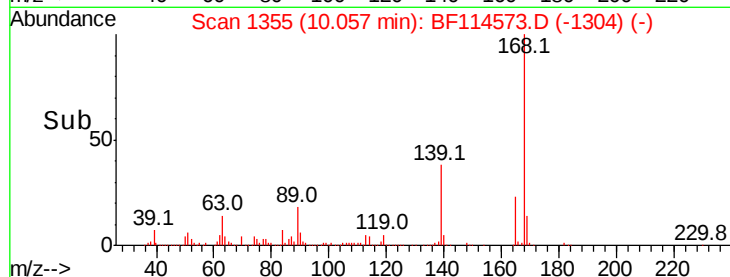
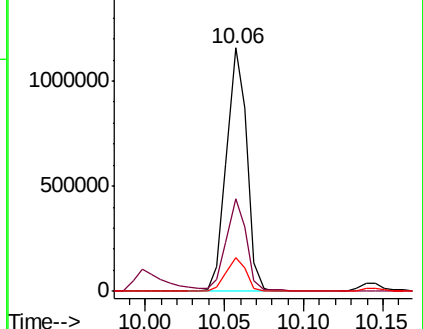
169 14.0 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 31.929 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

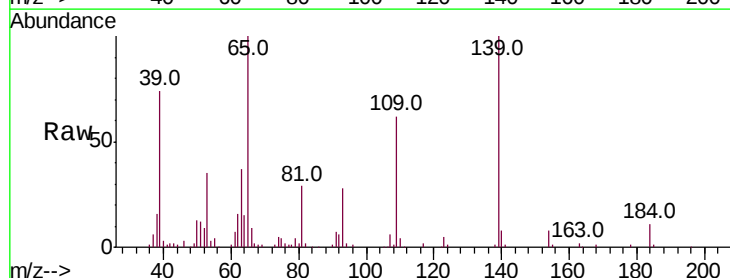
Tgt Ion:139 Resp: 136158

Ion Ratio Lower Upper

139 100

109 62.2 43.9 83.9

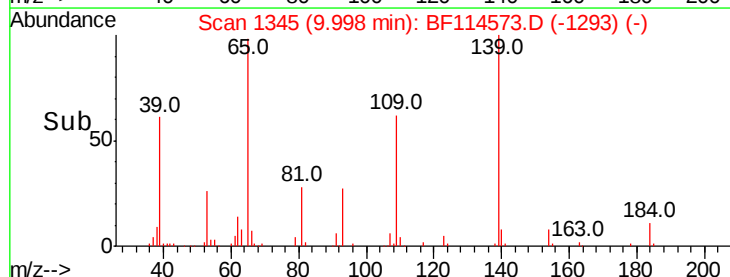
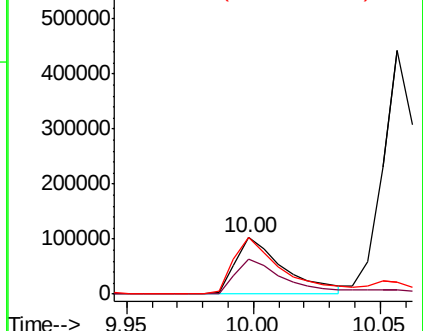
65 100.0 85.7 125.7

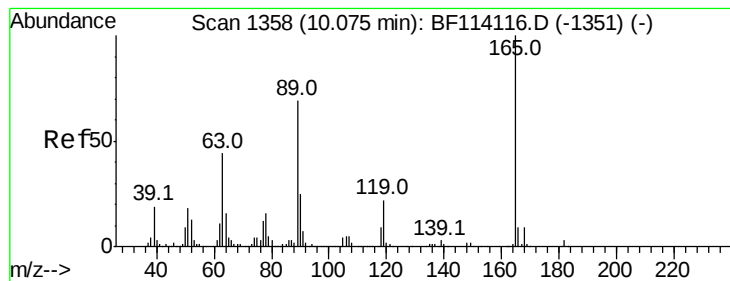


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 36.924 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 243452

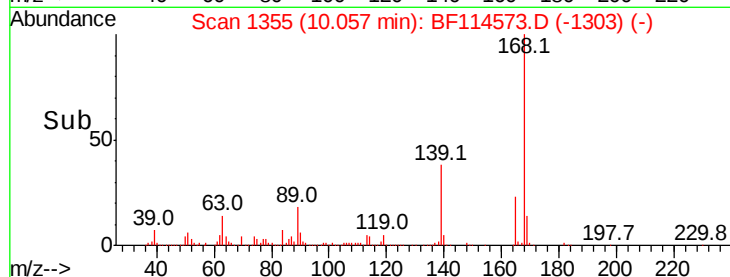
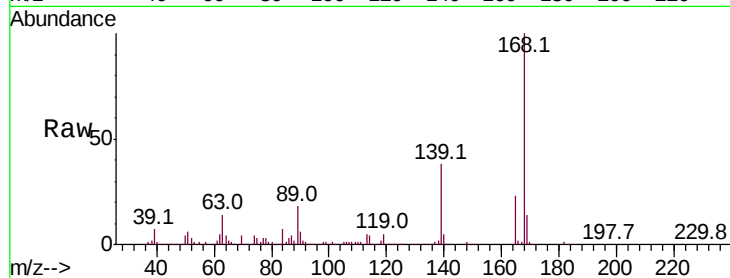
Ion Ratio Lower Upper

165 100

63 64.1 35.5 53.3#

89 78.7 55.2 82.8

182 2.9 2.2 3.2

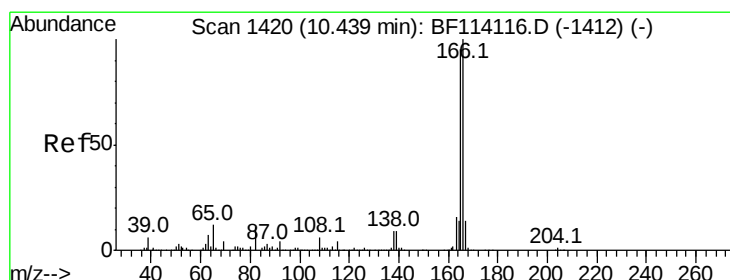
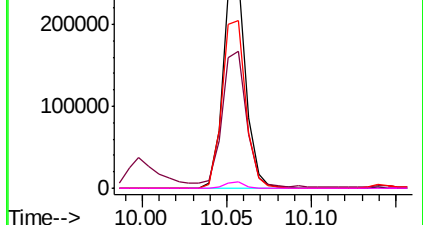


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.769 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

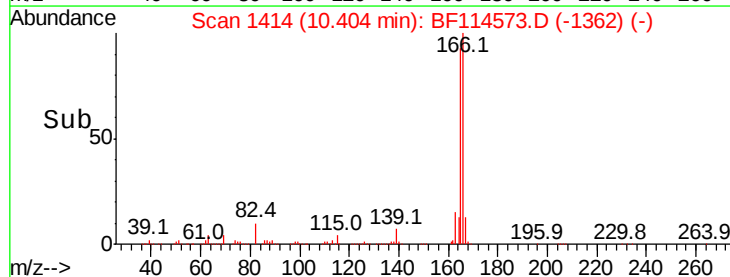
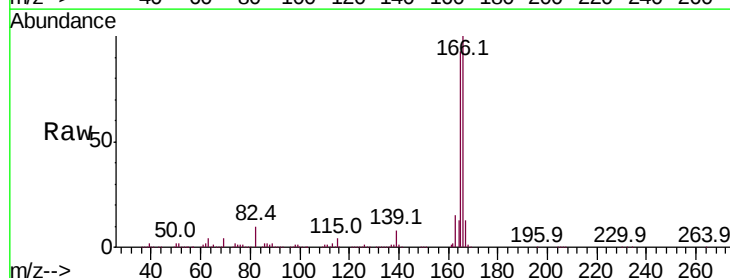
Tgt Ion:166 Resp: 856466

Ion Ratio Lower Upper

166 100

165 92.6 76.1 114.1

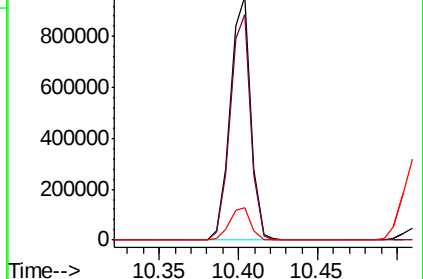
167 13.3 11.1 16.7

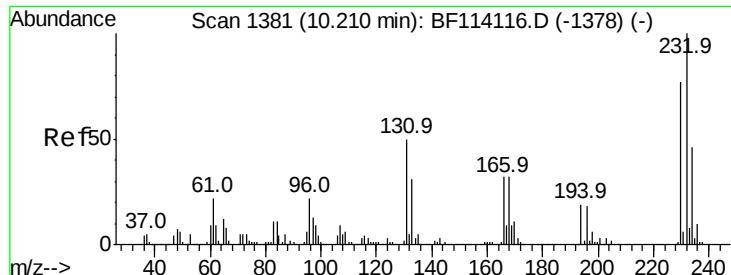


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

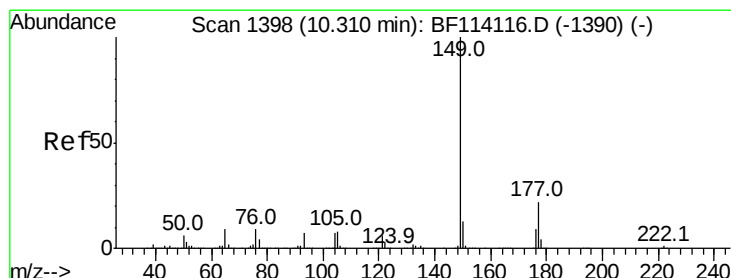
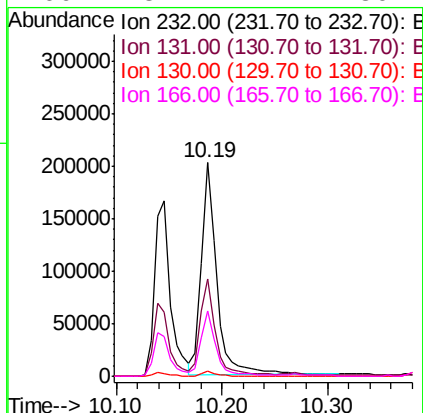
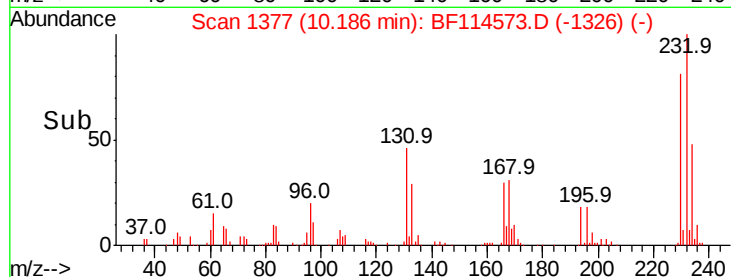
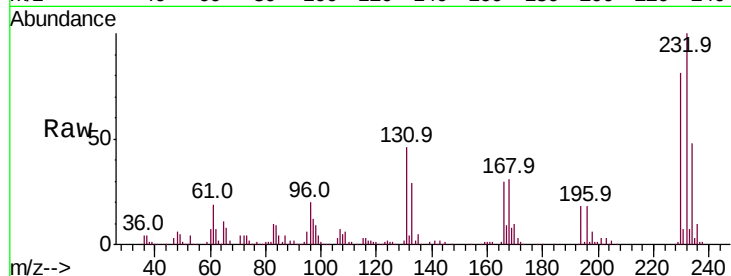




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.503 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

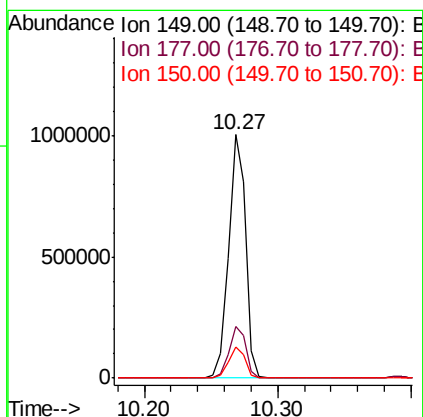
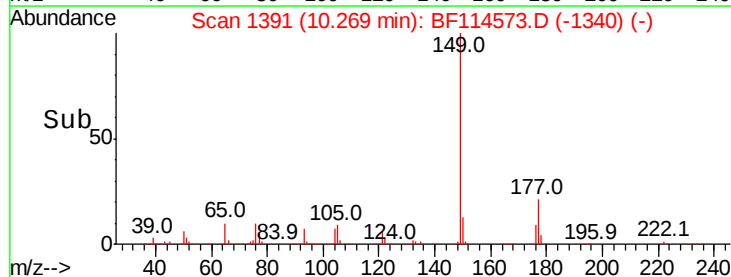
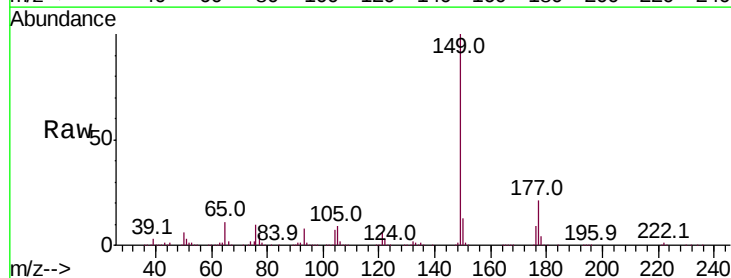
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

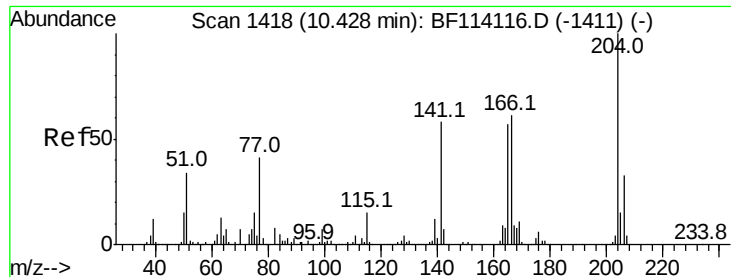
Tot Ion:	232	Resp:	206293
Ion	Ratio	Lower	Upper
232	100		
131	44.9	35.6	53.4
130	2.1	1.6	2.4
166	28.4	24.1	36.1



#60
Diethylphthalate
Concen: 40.532 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:	149	Resp:	901973
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.8	26.6
150	12.8	10.2	15.2

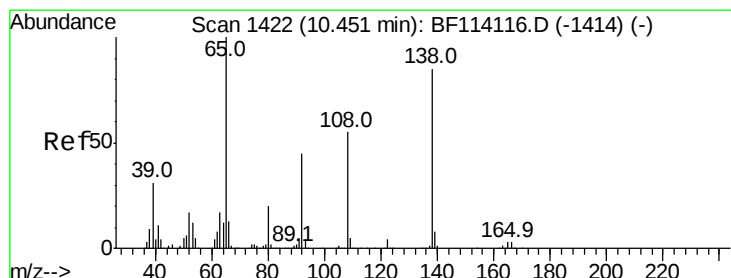
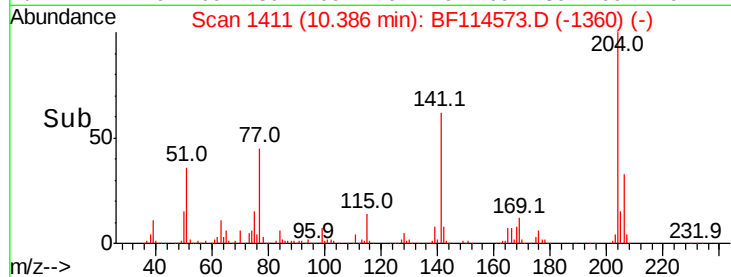
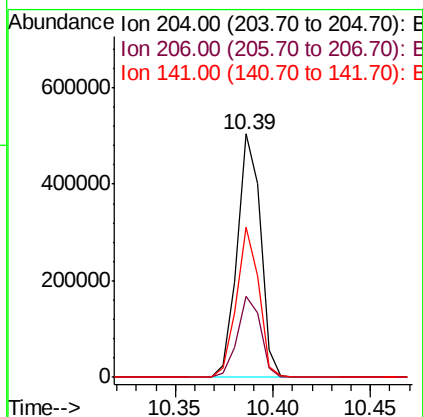
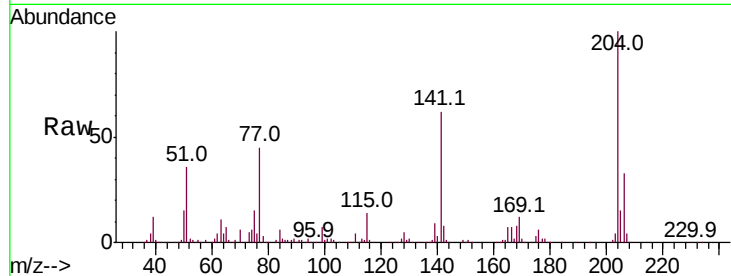




#61
 4-Chlorophenyl-phenylether
 Concen: 41.799 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

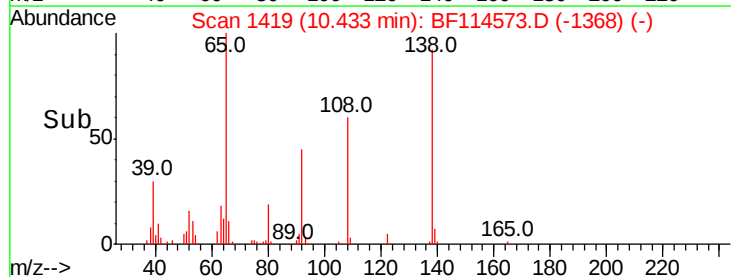
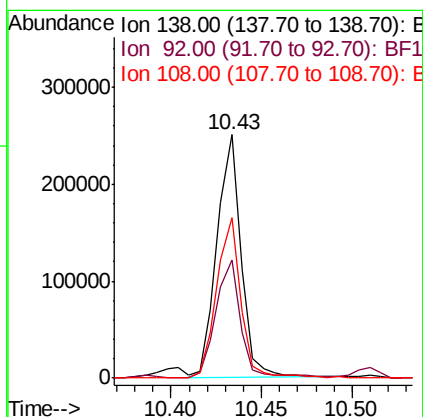
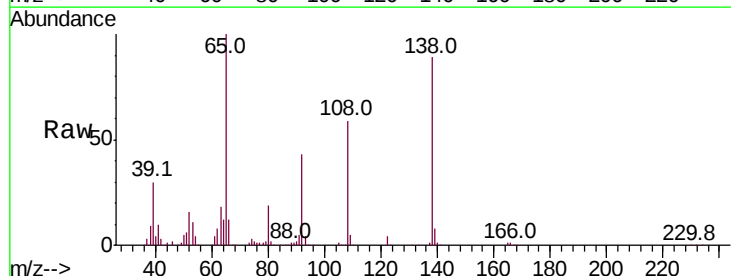
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

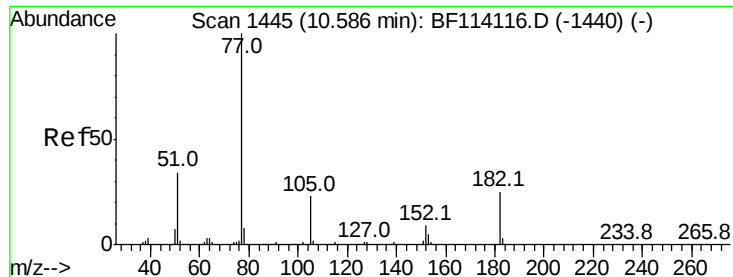
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	61.8	46.4	69.6



#62
 4-Nitroaniline
 Concen: 36.561 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF114573.D
 Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	33.0	73.0
108	65.8	44.9	84.9





#63

Azobenzene

Concen: 39.615 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 853311

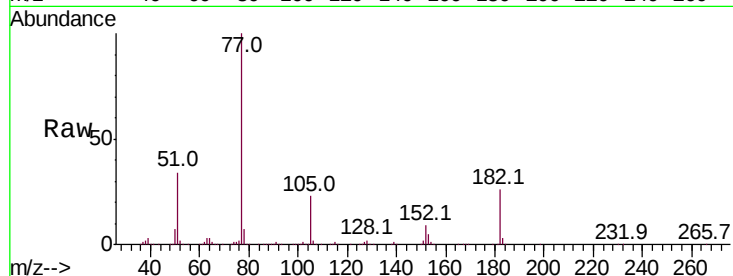
Ion Ratio Lower Upper

77 100

182 25.6 4.7 44.7

105 23.1 2.9 42.9

51 33.9 14.6 54.6

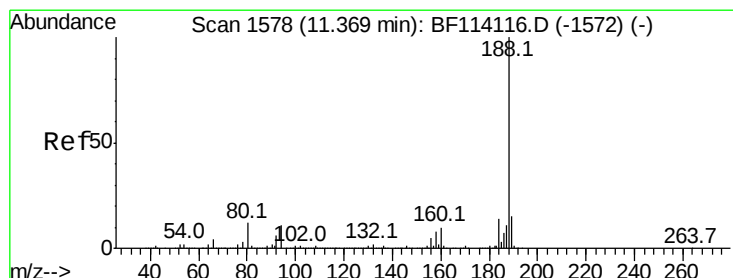
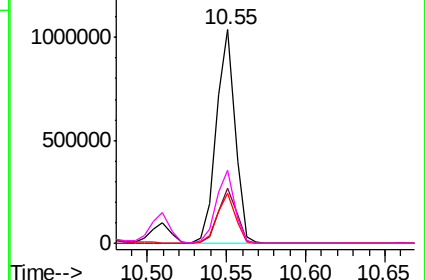
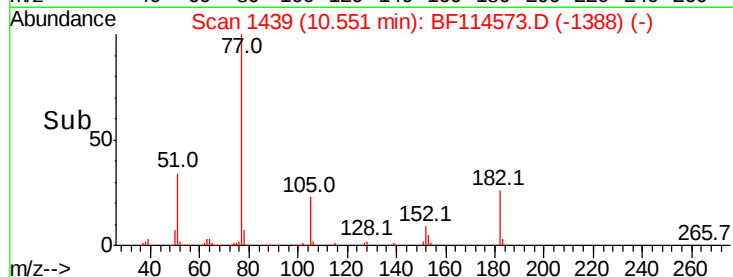


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

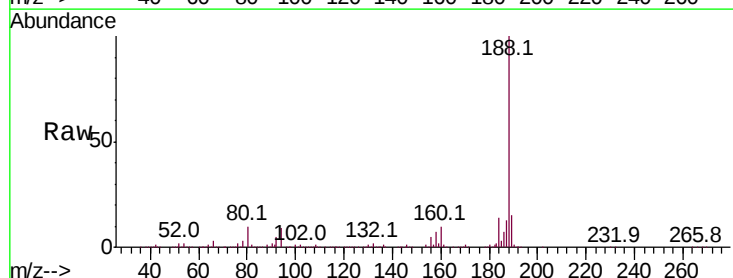
Tgt Ion: 188 Resp: 584949

Ion Ratio Lower Upper

188 100

94 9.2 8.4 12.6

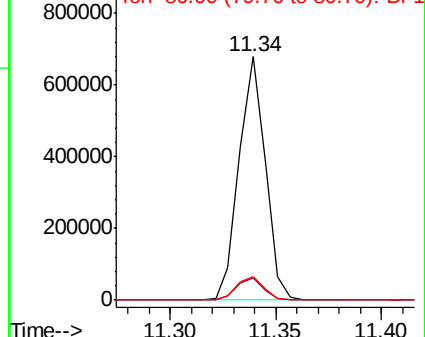
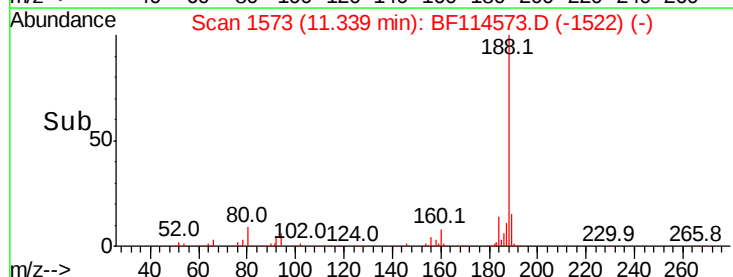
80 9.9 9.2 13.8

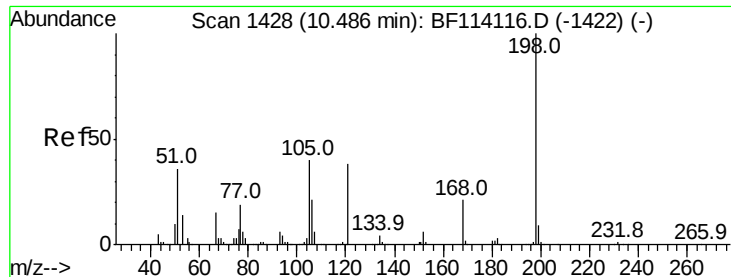


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

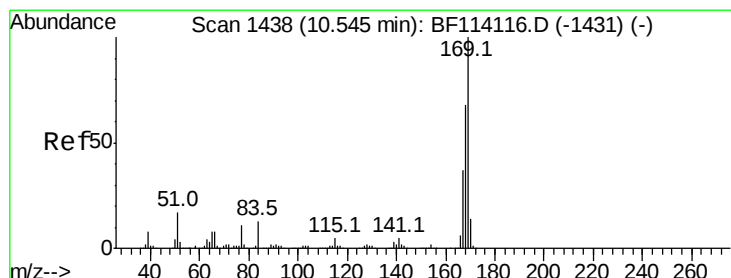
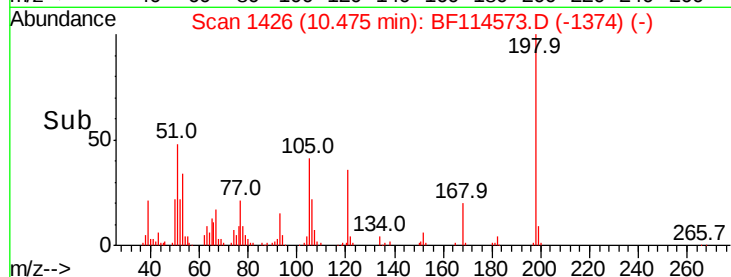
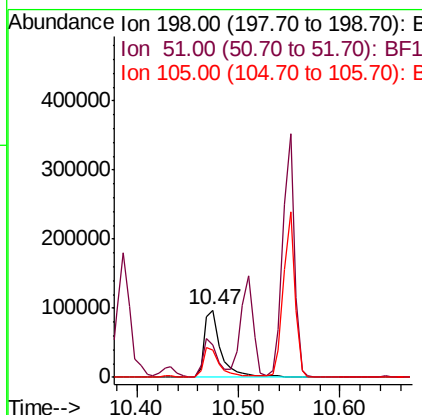
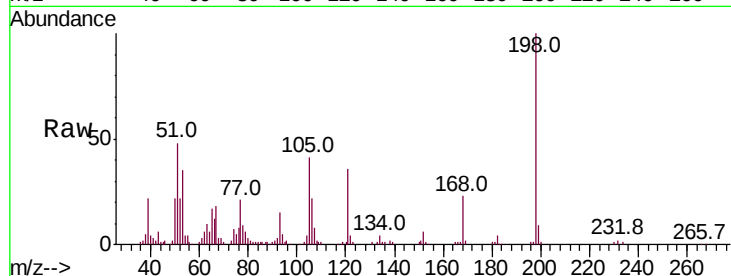




#65
4,6-Dinitro-2-methylphenol
Concen: 40.320 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

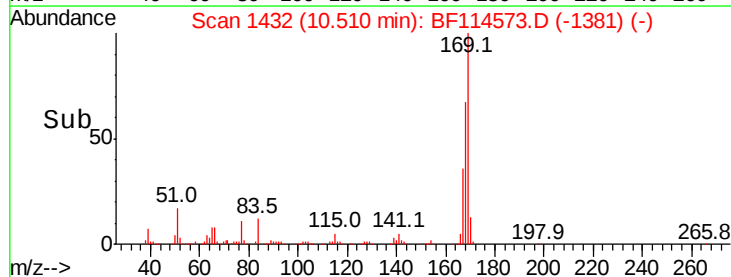
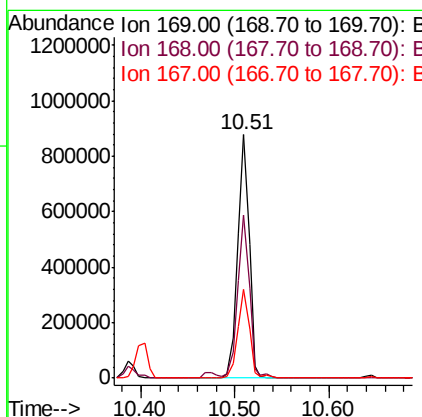
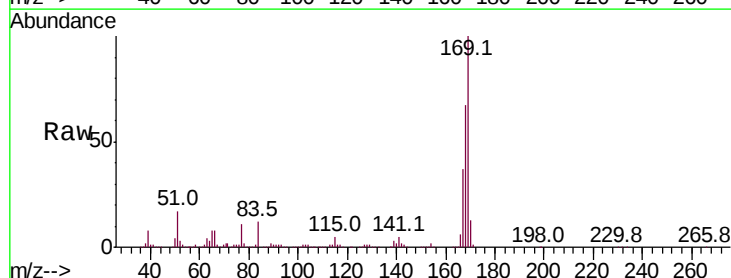
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

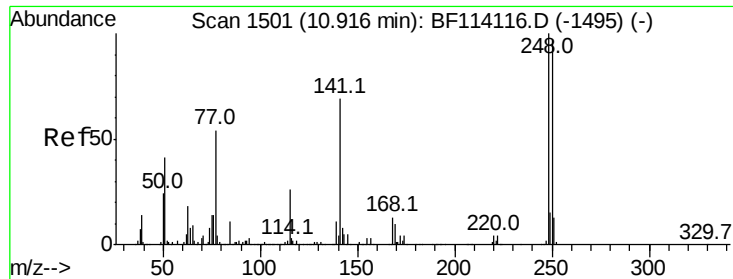
Tot Ion:198 Resp: 113331
Ion Ratio Lower Upper
198 100
51 48.4 28.0 68.0
105 41.1 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 42.057 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:169 Resp: 746652
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.6 29.8 44.8

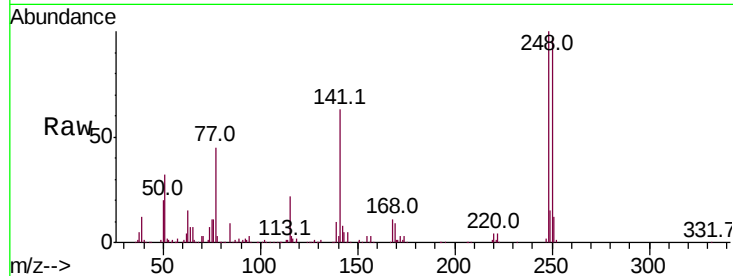




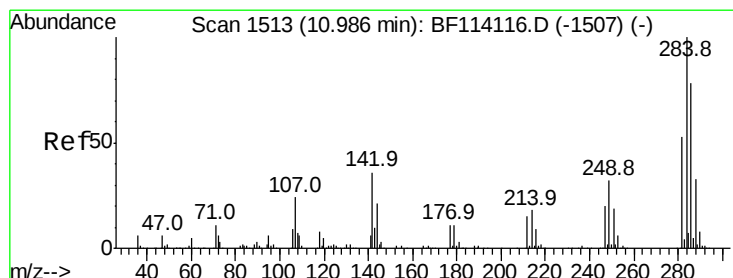
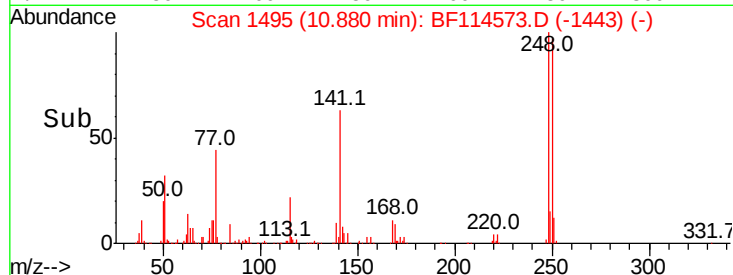
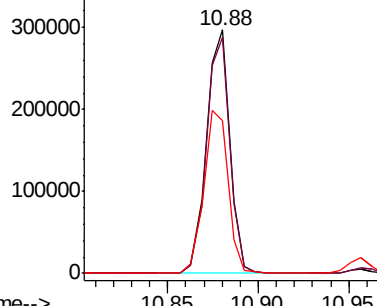
#67
4-Bromophenyl-phenylether
Concen: 41.313 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.2
141	63.0	55.6	83.4

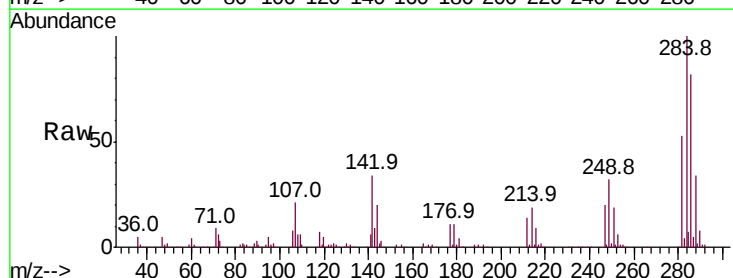


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

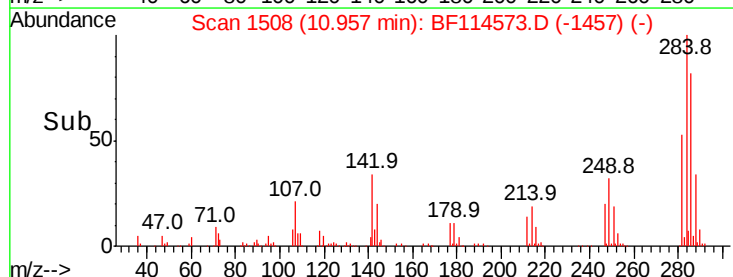
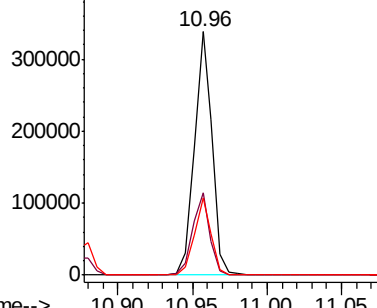


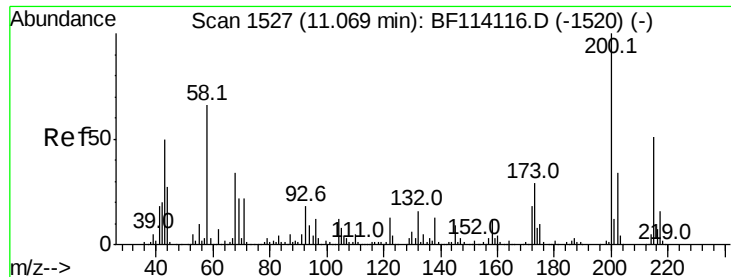
#68
Hexachlorobenzene
Concen: 39.711 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.4	42.6
249	31.8	25.2	37.8



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

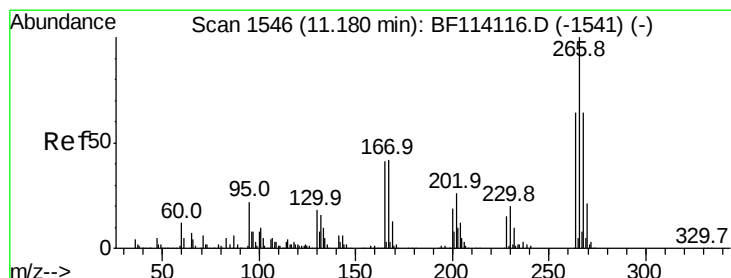
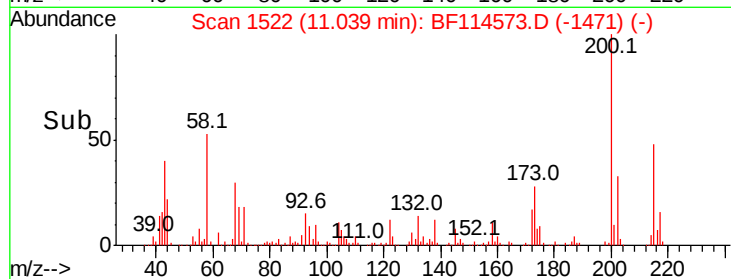
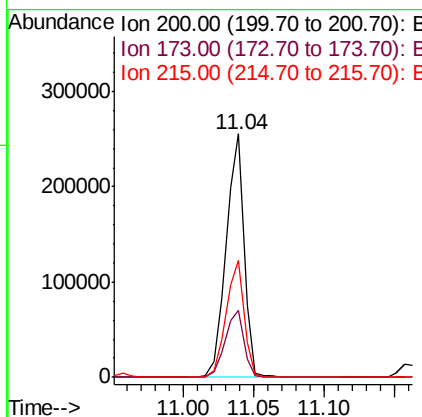
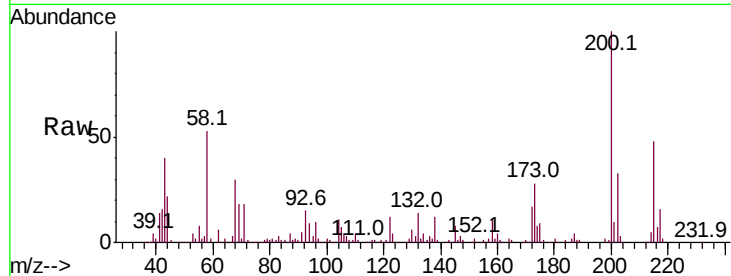




#69
Atrazine
Concen: 40.933 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

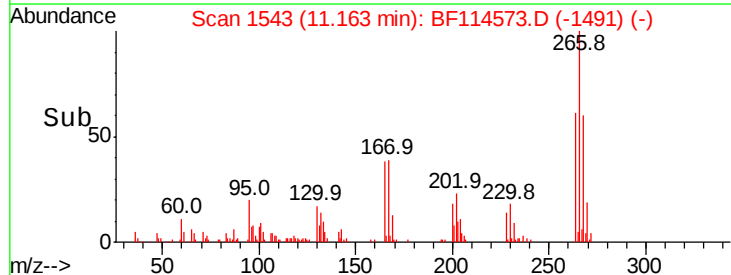
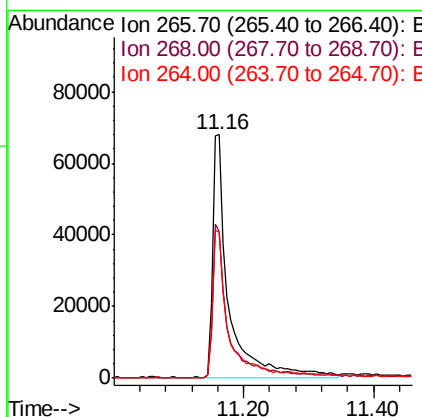
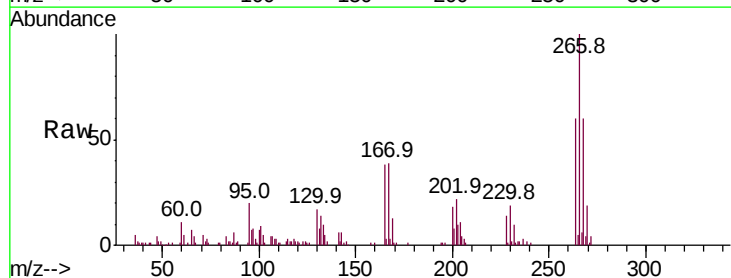
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

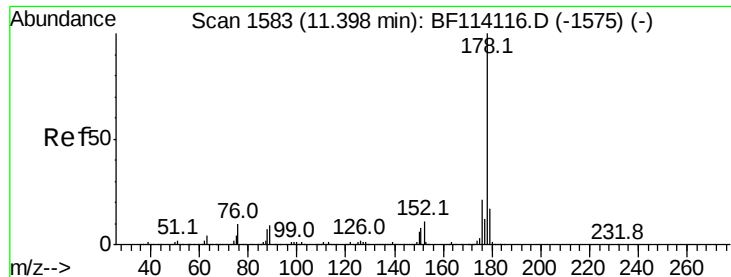
Tot Ion:200 Resp: 226142
Ion Ratio Lower Upper
200 100
173 27.5 8.9 48.9
215 48.2 30.7 70.7



#70
Pentachlorophenol
Concen: 35.023 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:266 Resp: 118292
Ion Ratio Lower Upper
266 100
268 59.9 51.1 76.7
264 60.2 51.1 76.7

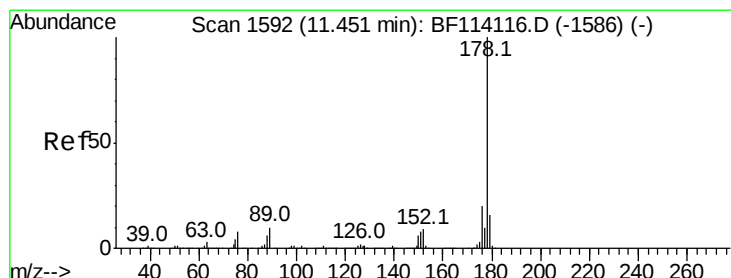
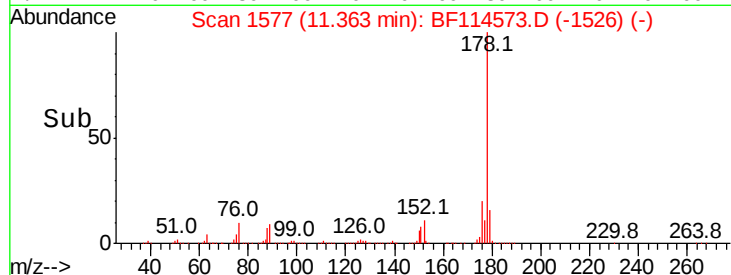
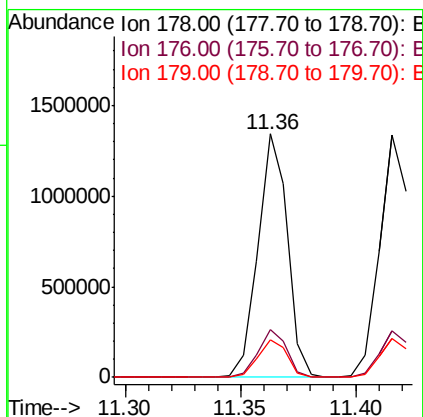
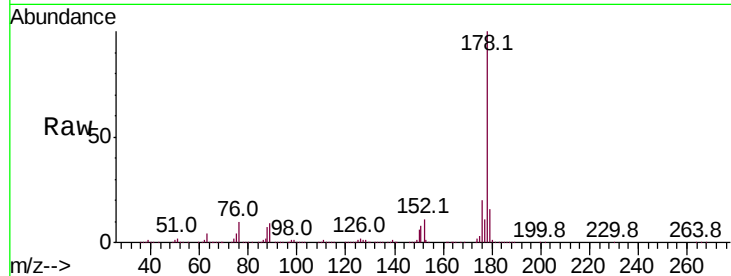




#71
Phenanthrene
Concen: 42.086 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

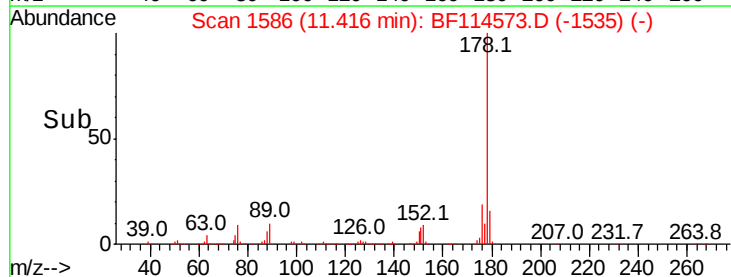
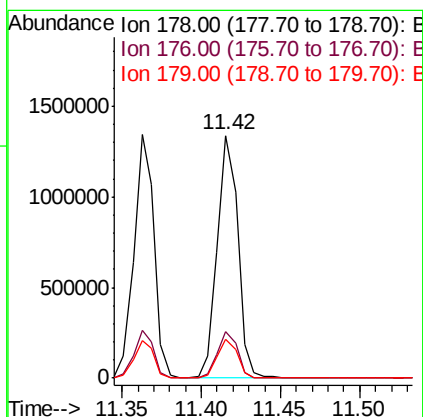
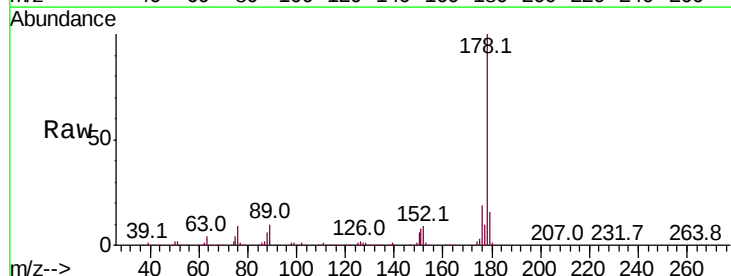
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

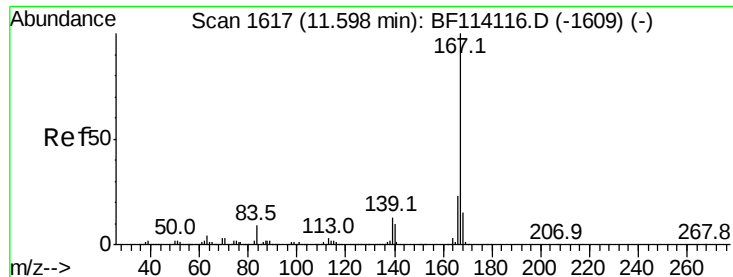
Tot Ion:178 Resp: 1197694
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 15.6 13.2 19.8



#72
Anthracene
Concen: 42.208 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:178 Resp: 1206486
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.2 13.0 19.4





#73

Carbazole

Concen: 41.350 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

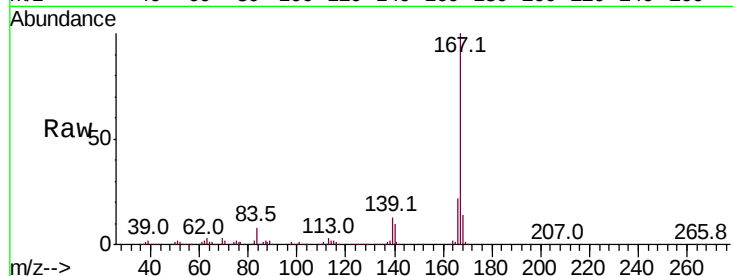
Tot Ion:167 Resp: 1127098

Ion Ratio Lower Upper

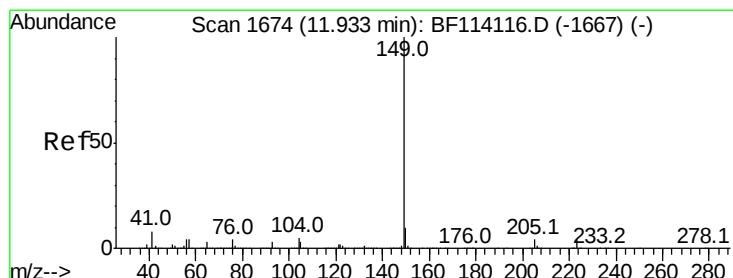
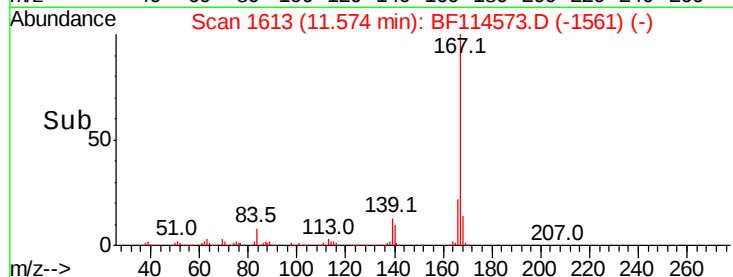
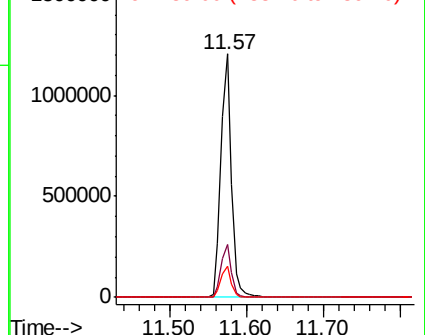
167 100

166 21.7 18.2 27.2

139 12.9 10.6 16.0



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



#74

Di-n-butylphthalate

Concen: 44.497 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

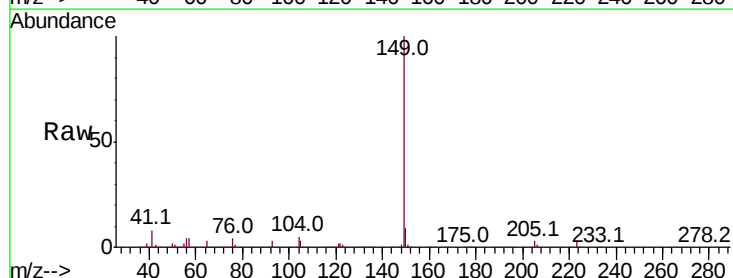
Tgt Ion:149 Resp: 1397346

Ion Ratio Lower Upper

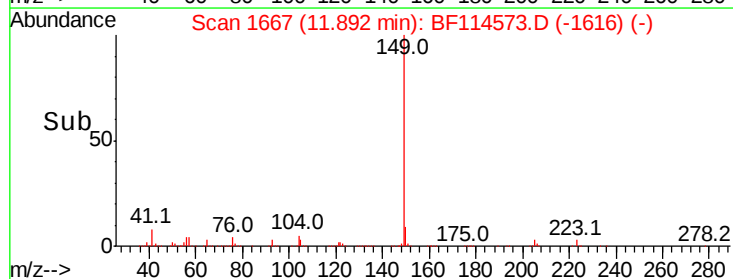
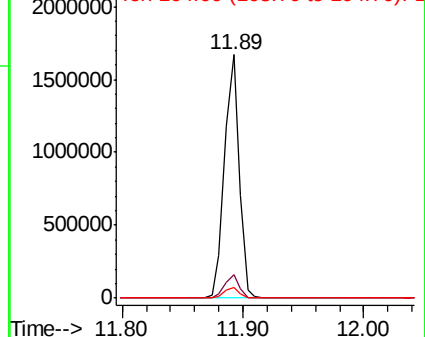
149 100

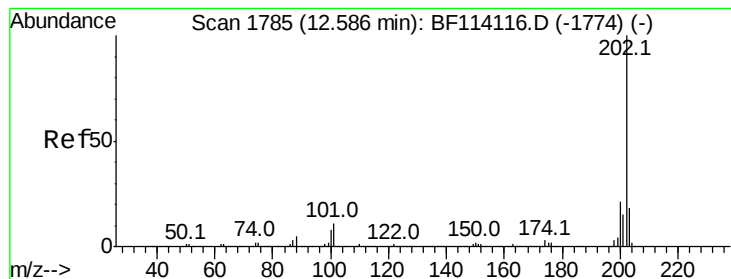
150 9.4 7.7 11.5

104 4.6 3.6 5.4



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





#75

Fluoranthene

Concen: 40.619 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

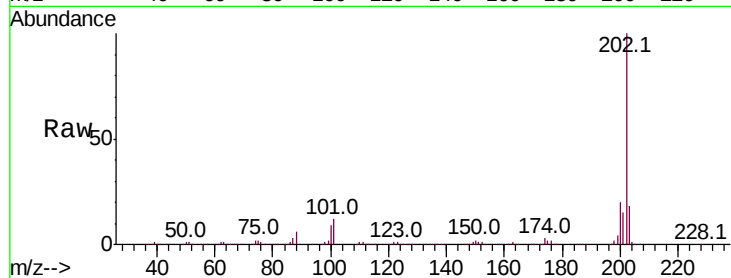
Tot Ion:202 Resp: 1244829

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.0

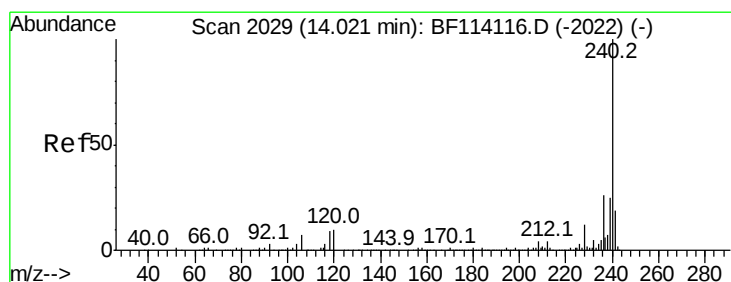
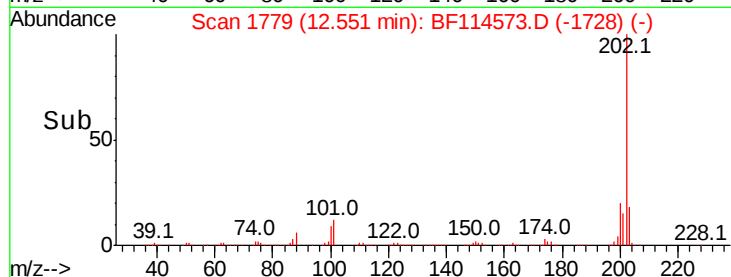
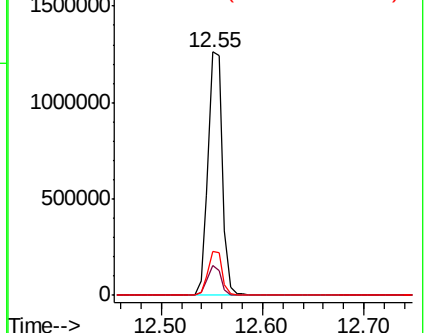
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

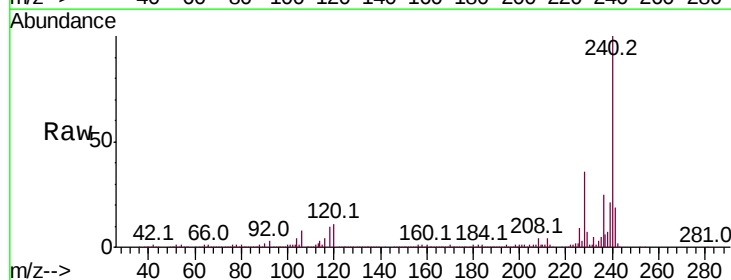
Tgt Ion:240 Resp: 343997

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

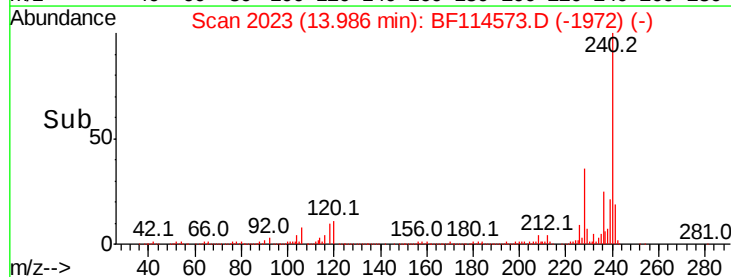
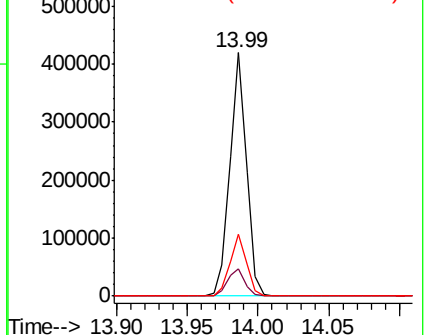
236 25.2 20.8 31.2

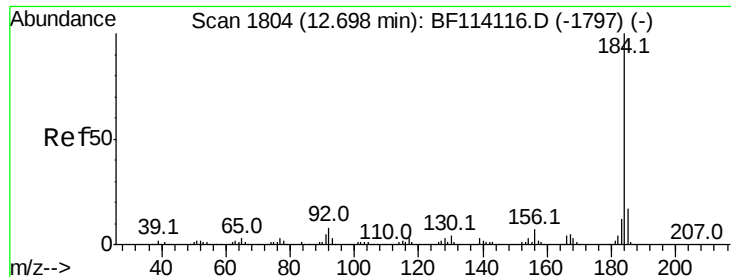


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.573 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

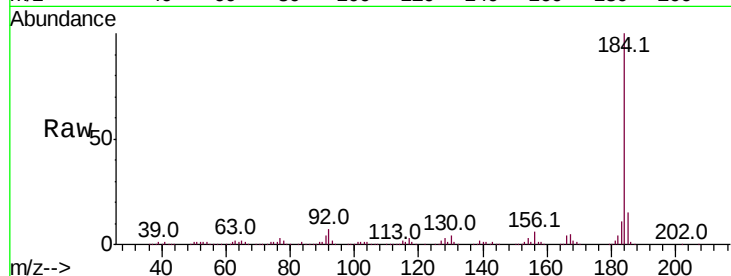
Tot Ion:184 Resp: 734592

Ion Ratio Lower Upper

184 100

185 14.7 13.6 20.4

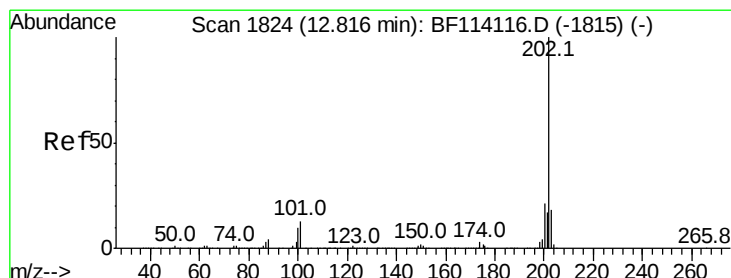
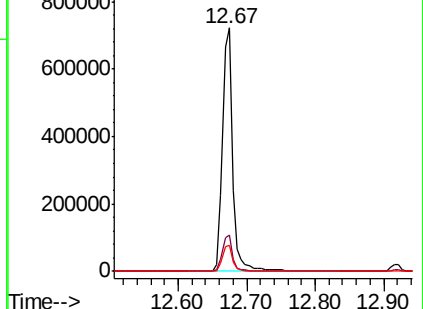
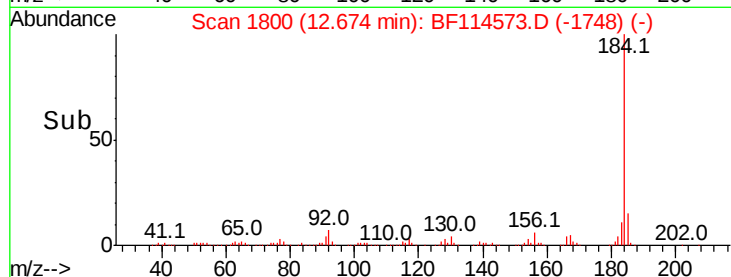
183 10.7 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.597 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

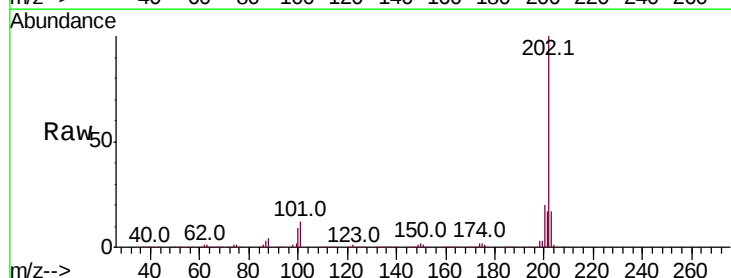
Tgt Ion:202 Resp: 1261805

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

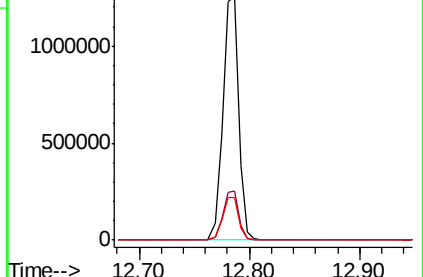
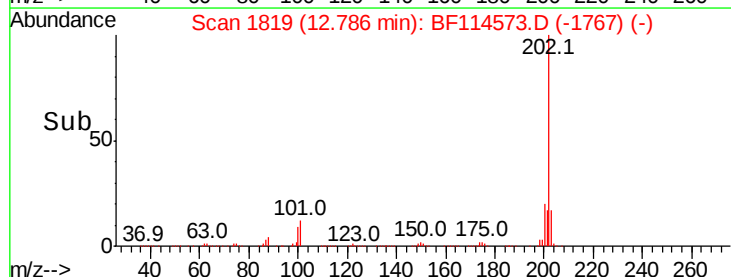
203 17.3 14.5 21.7

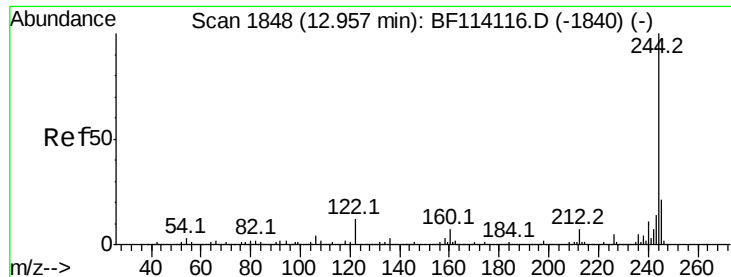


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.365 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

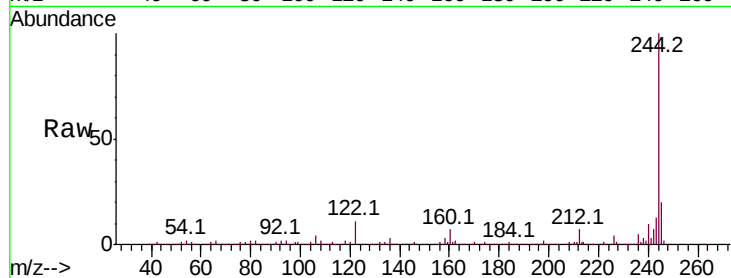
Tot Ion:244 Resp: 1558004

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

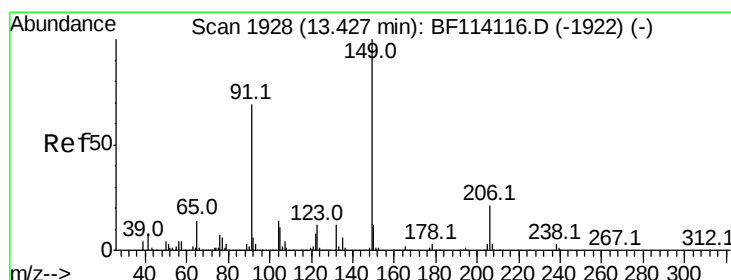
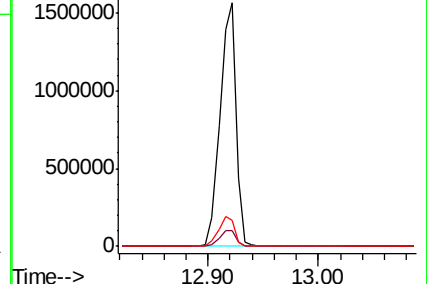
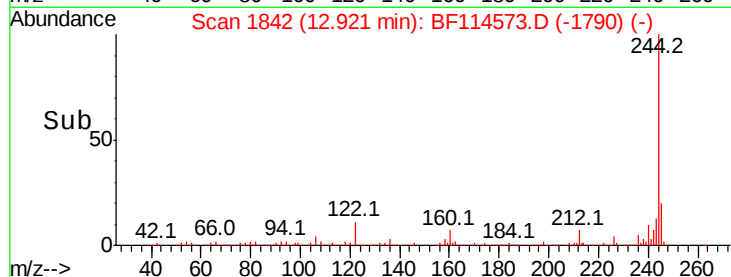
122 10.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.119 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

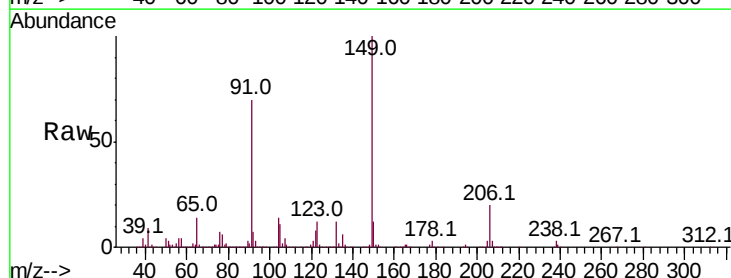
Tgt Ion:149 Resp: 537185

Ion Ratio Lower Upper

149 100

91 70.3 55.0 82.4

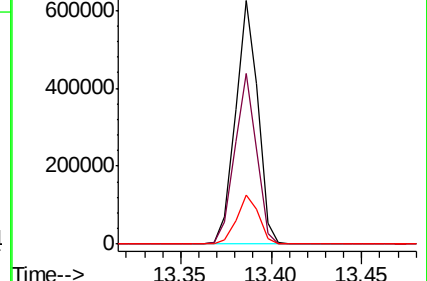
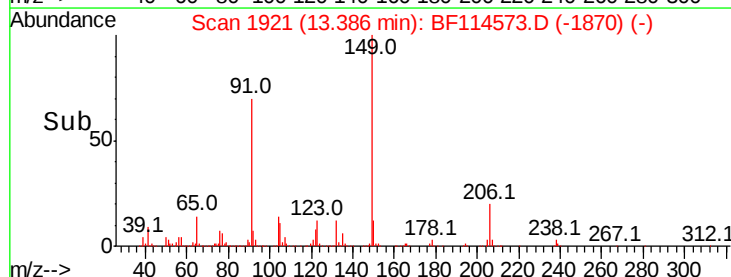
206 20.1 16.9 25.3

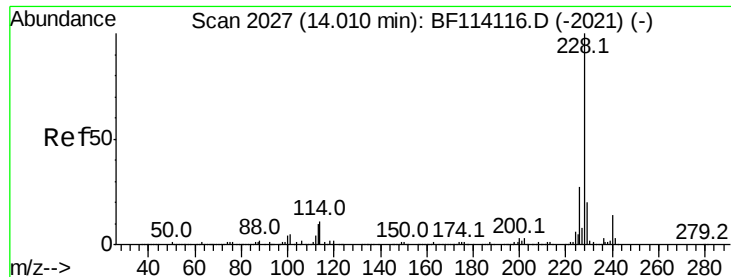


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.471 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

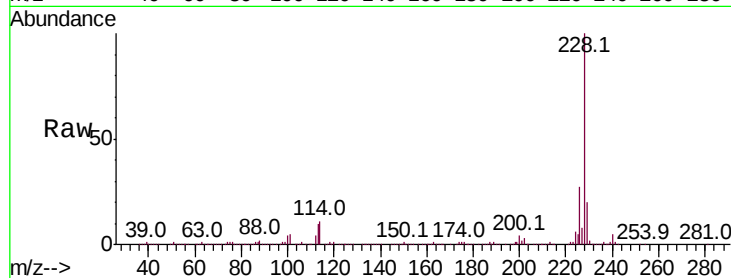
Tot Ion:228 Resp: 944964

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

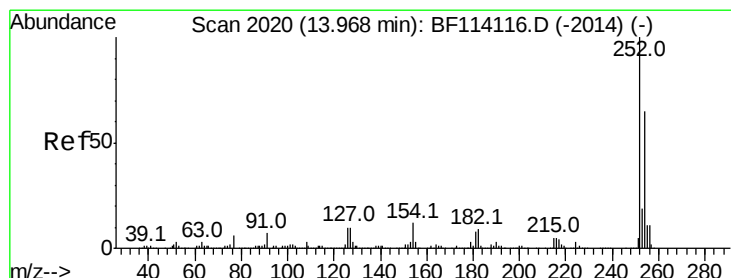
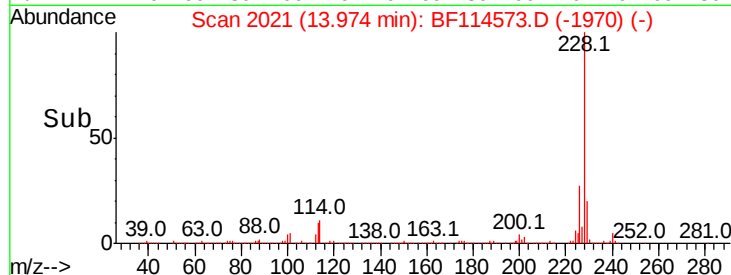
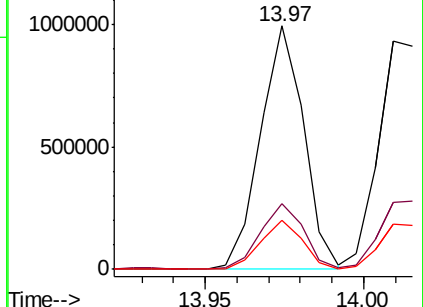
229 19.9 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.261 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

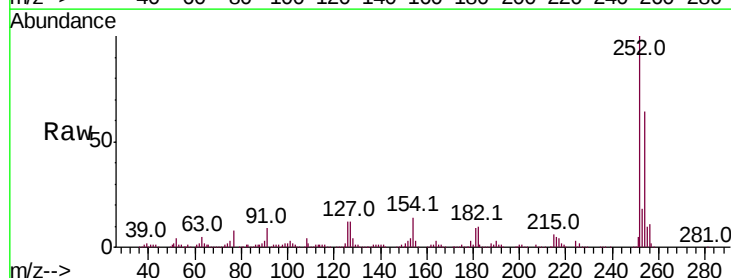
Tgt Ion:252 Resp: 347504

Ion Ratio Lower Upper

252 100

254 64.0 51.9 77.9

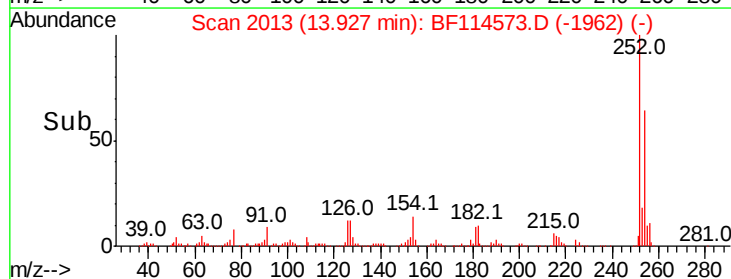
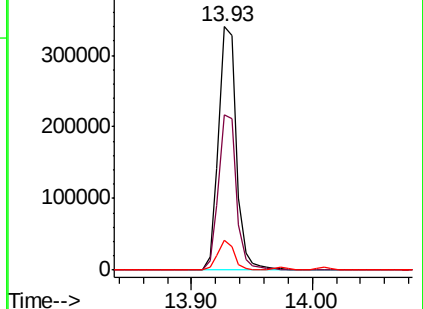
126 12.4 7.9 11.9#

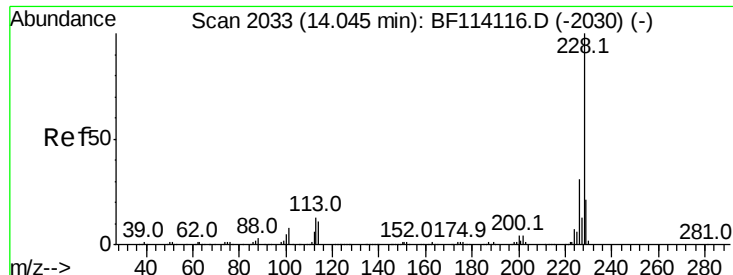


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.762 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

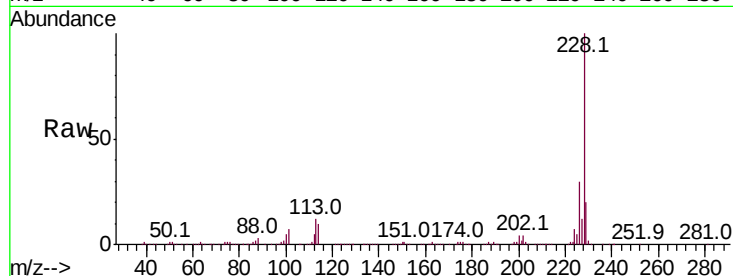
Tot Ion:228 Resp: 910871

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

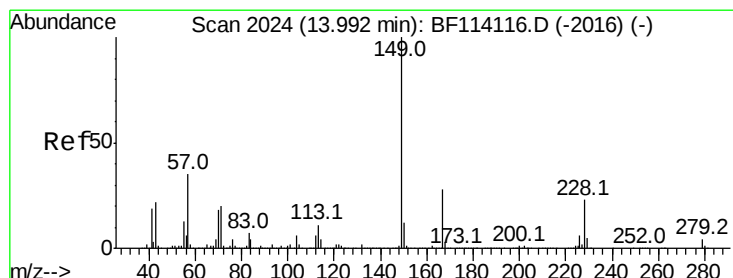
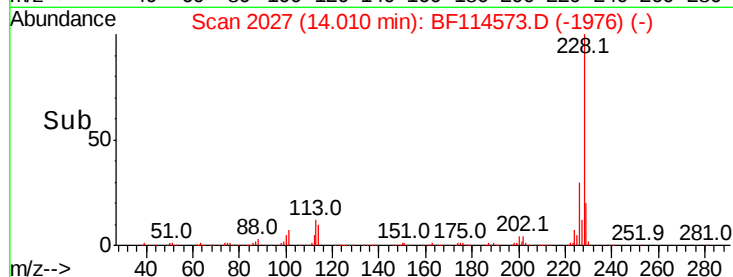
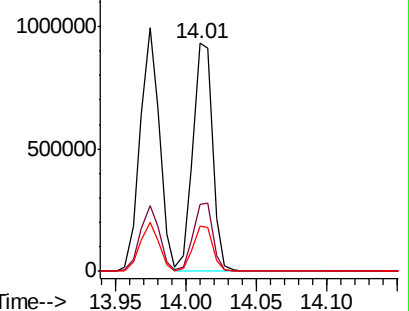
229 19.7 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.069 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

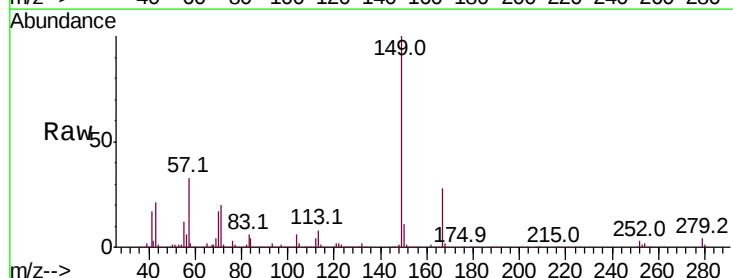
Tgt Ion:149 Resp: 686564

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

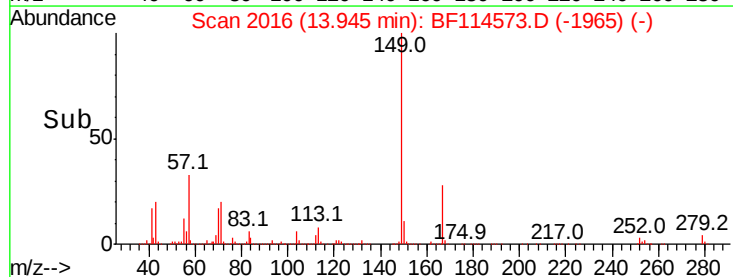
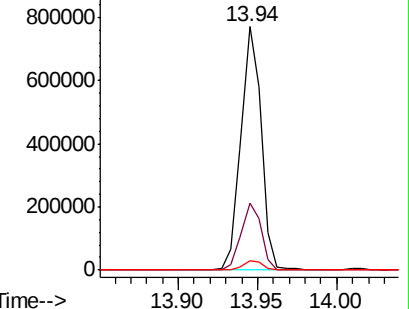
279 3.6 3.0 4.6

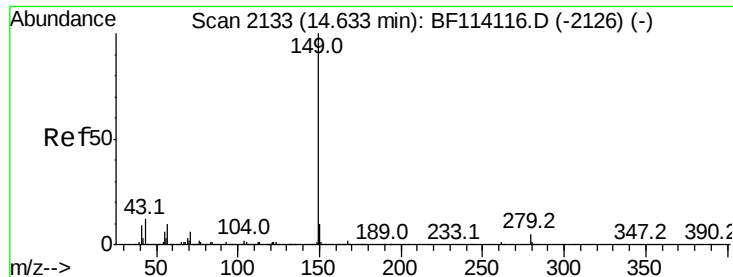


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.987 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

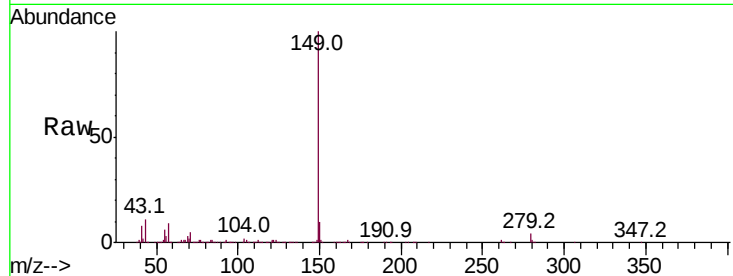
Tot Ion:149 Resp: 987474

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

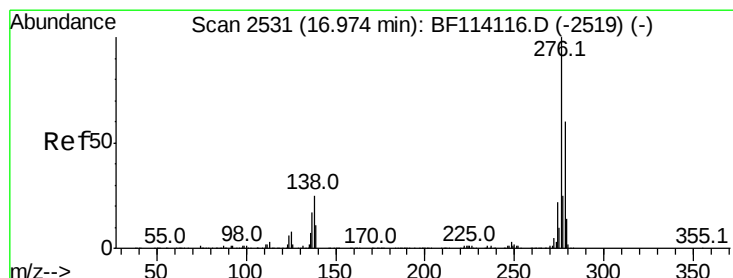
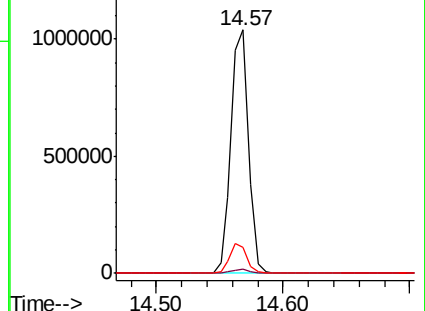
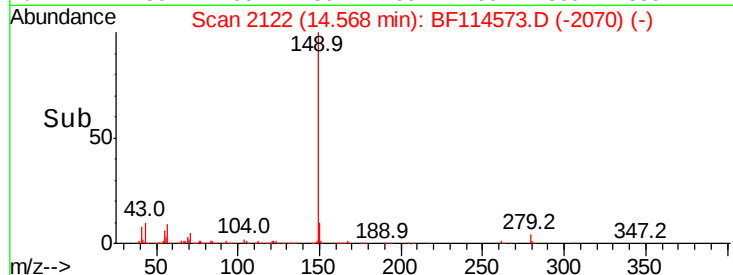
43 11.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.987 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

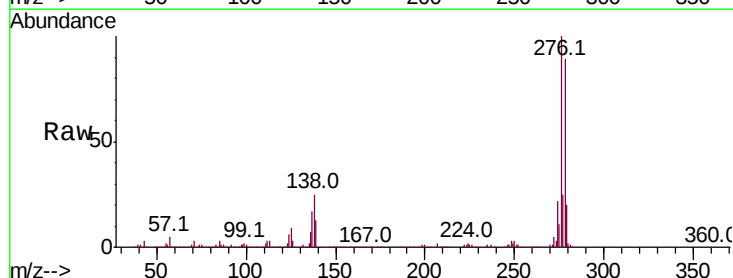
Tgt Ion:276 Resp: 751509

Ion Ratio Lower Upper

276 100

138 24.6 20.2 30.2

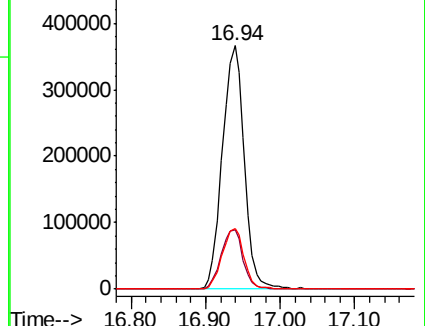
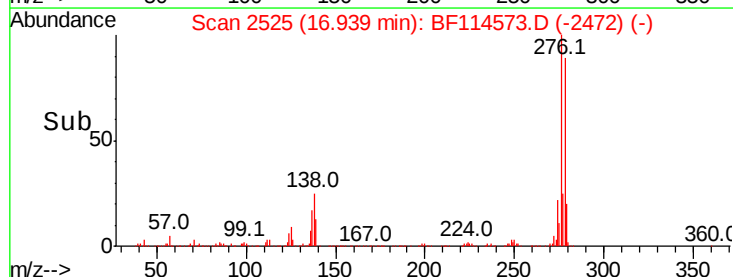
277 24.8 20.0 30.0

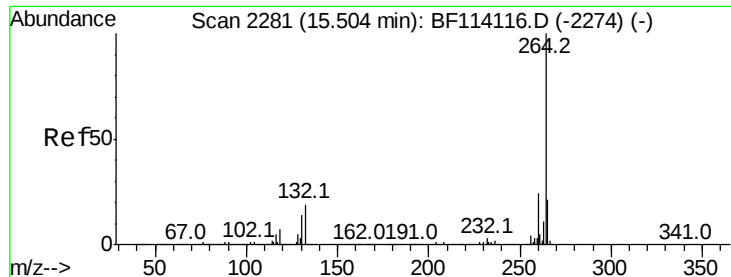


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

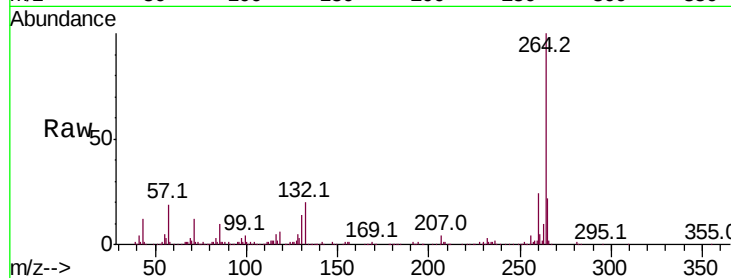
Tot Ion:264 Resp: 273383

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

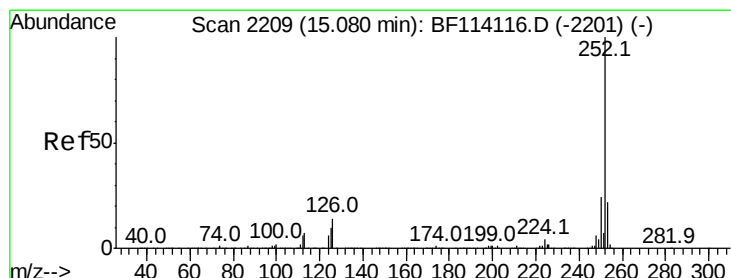
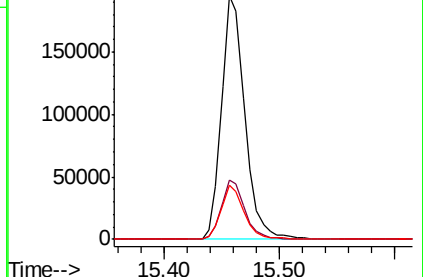
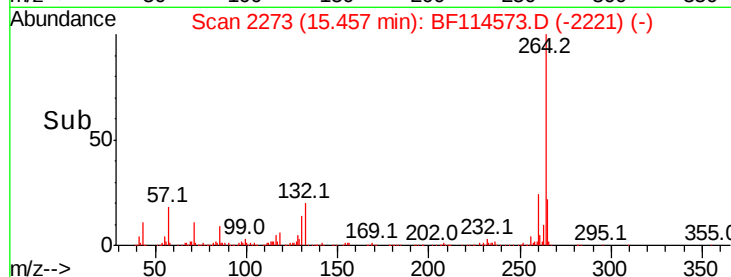
265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.897 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

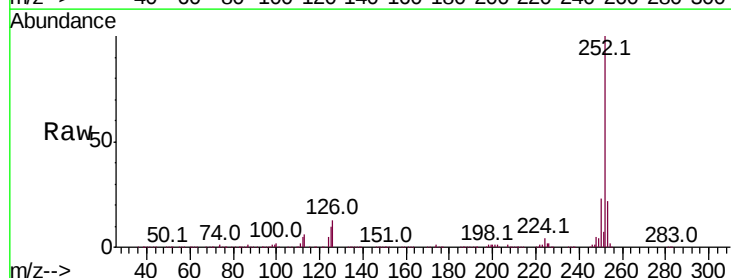
Tgt Ion:252 Resp: 733801

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

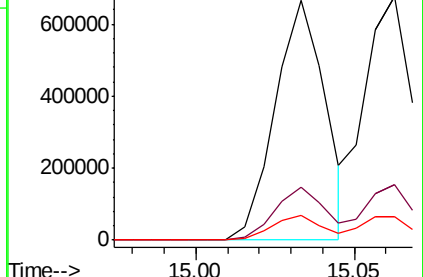
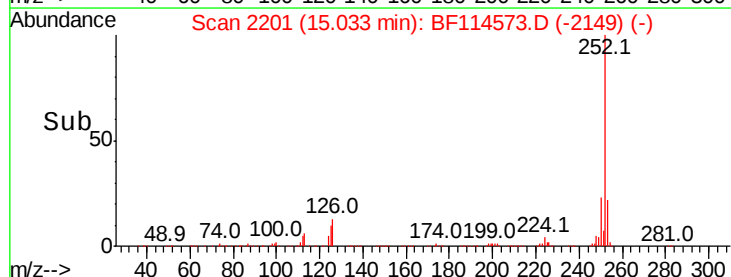
125 10.2 8.3 12.5

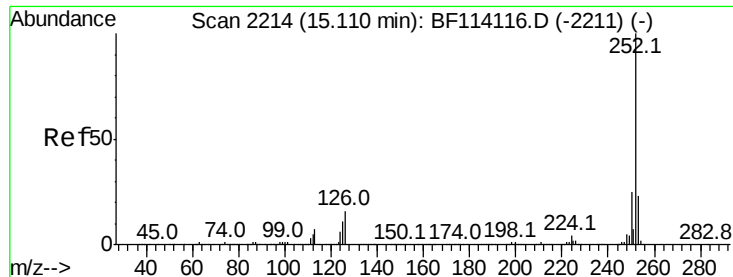


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

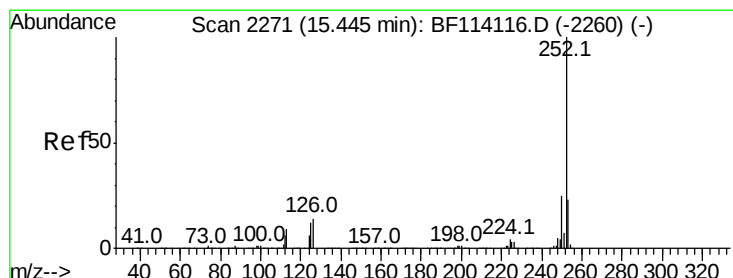
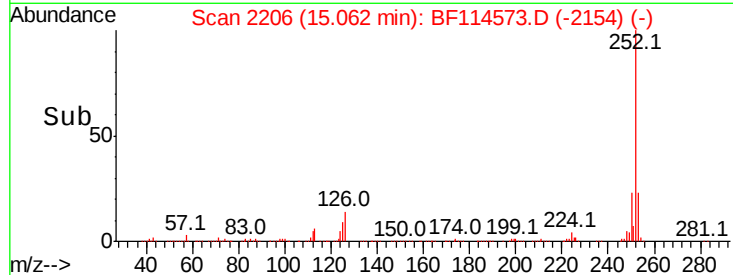
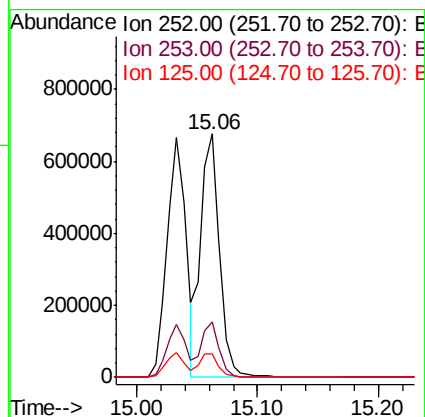
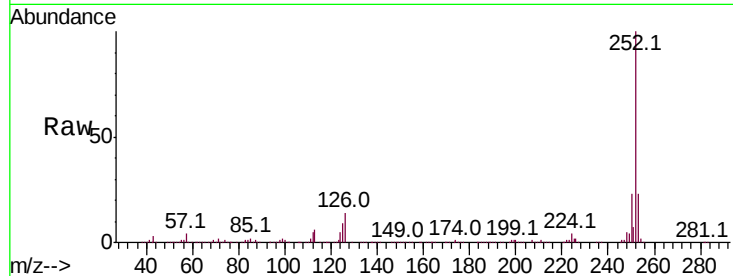




#89
Benzo(k)fluoranthene
Concen: 45.437 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

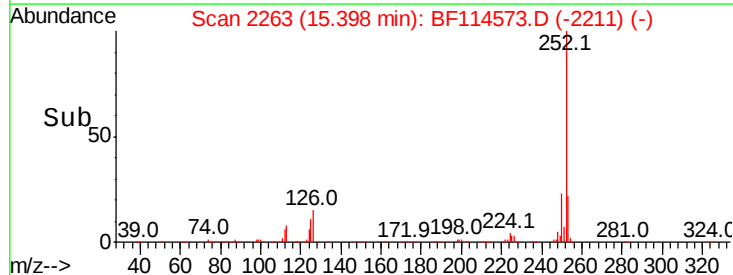
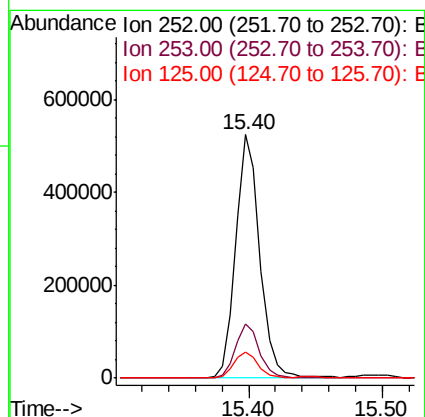
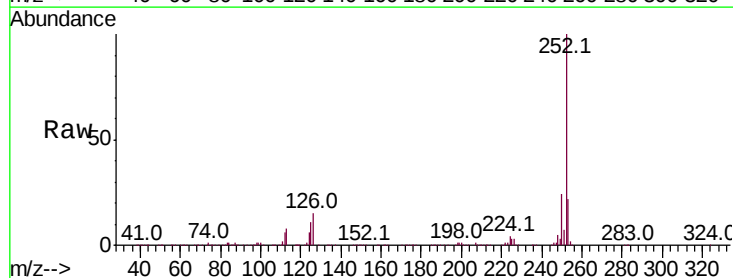
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

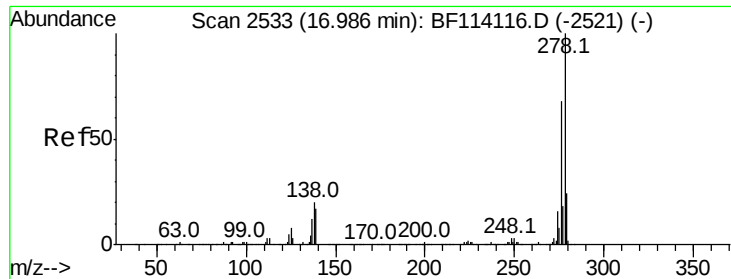
Tot Ion:252 Resp: 731023
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 9.5 8.6 13.0



#90
Benzo(a)pyrene
Concen: 42.937 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF114573.D
Acq: 24 May 2019 16:49

Tgt Ion:252 Resp: 661837
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 48.292 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

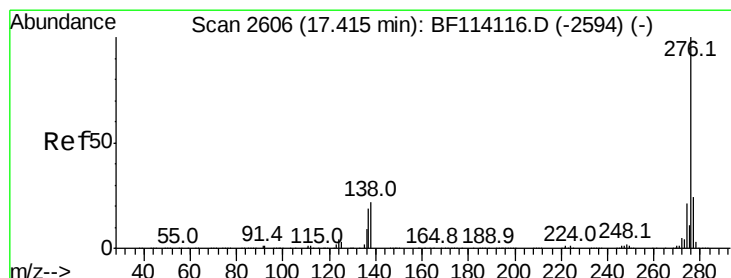
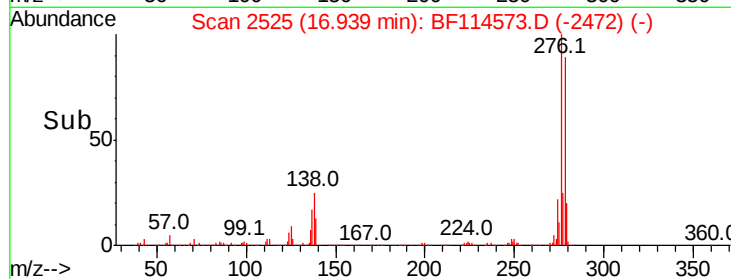
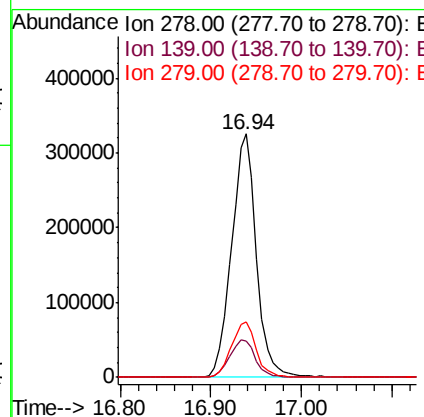
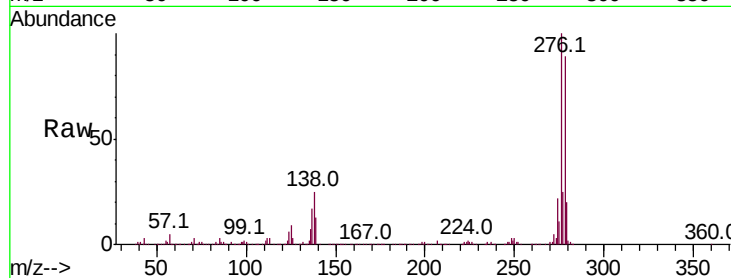
Lab File: BF114573.D

Acq: 24 May 2019 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 618551

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.5	20.3
279	22.7	19.0	28.6



#92

Benzo(g,h,i)perylene

Concen: 50.553 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

Lab File: BF114573.D

Acq: 24 May 2019 16:49

Tgt Ion:276 Resp: 648896

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	21.4	17.8	26.6

