

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114571.D
 Acq On : 24 May 2019 15:56
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 24 22:35:45 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	156687	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	628700	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	302438	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	600441	20.00	ng	0.00
76) Chrysene-d12	13.99	240	380630	20.00	ng	0.00
87) Perylene-d12	15.46	264	307034	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	772119	79.30	ng	0.00
7) Phenol-d6	6.46	99	947426	82.27	ng	0.00
23) Nitrobenzene-d5	7.38	82	904780	80.76	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	238938	76.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1604170	80.23	ng	0.00
79) Terphenyl-d14	12.92	244	1618715	87.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	176630	33.004	ng	97
3) Pyridine	3.30	79	495896	33.631	ng	99
4) n-Nitrosodimethylamine	3.25	42	240746	33.857	ng	98
6) Aniline	6.48	93	657706	39.538	ng	# 70
8) 2-Chlorophenol	6.61	128	437130	42.055	ng	92
9) Benzaldehyde	6.37	77	277756	34.453	ng	99
10) Phenol	6.47	94	549841	40.588	ng	79
11) bis(2-Chloroethyl)ether	6.55	93	424731	41.298	ng	97
12) 1,3-Dichlorobenzene	6.76	146	477141	40.894	ng	99
13) 1,4-Dichlorobenzene	6.83	146	497621	42.324	ng	97
14) 1,2-Dichlorobenzene	6.99	146	453601	42.229	ng	99
15) Benzyl Alcohol	6.96	79	355390	39.569	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	789809	39.607	ng	63
17) 2-Methylphenol	7.08	107	339443	39.754	ng	# 92
18) Hexachloroethane	7.32	117	183412	41.559	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	297591	40.770	ng	99
20) 3+4-Methylphenols	7.23	107	440004	44.602	ng	# 79
22) Acetophenone	7.23	105	575598	41.327	ng	# 92
24) Nitrobenzene	7.40	77	460479	40.357	ng	98
25) Isophorone	7.64	82	825612	39.737	ng	100
26) 2-Nitrophenol	7.72	139	236109	42.652	ng	97
27) 2,4-Dimethylphenol	7.76	122	337550	38.824	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	549875	40.790	ng	100
29) 2,4-Dichlorophenol	7.97	162	364013	42.046	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	403951	41.032	ng	99
31) Naphthalene	8.12	128	1247434	42.477	ng	99
32) Benzoic acid	7.91	122	239371	39.985	ng	98
33) 4-Chloroaniline	8.17	127	563264	42.089	ng	99
34) Hexachlorobutadiene	8.23	225	233324	41.654	ng	99
35) Caprolactam	8.55	113	122066	43.240	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	370526	42.518	ng	97
37) 2-Methylnaphthalene	8.81	142	817671	43.154	ng	97
38) 1-Methylnaphthalene	8.91	142	769899	43.147	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	378426	41.306	ng	99

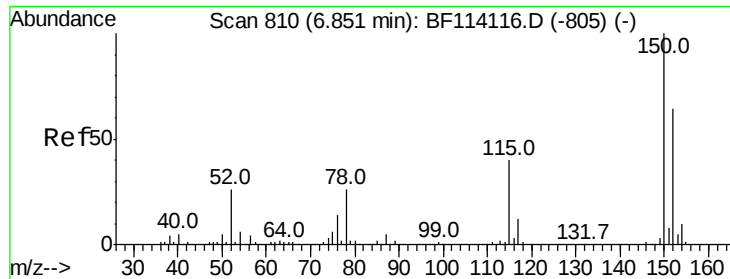
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114571.D
 Acq On : 24 May 2019 15:56
 Operator : JU/SJ
 Sample : SSTDCCC040
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Instrument :
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Quant Time: May 24 22:35:45 2019
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 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	152841	38.198	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	243241	38.600	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	241088	37.306	ng	95
46) 1,1'-Biphenyl	9.27	154	1003049	41.053	ng	98
47) 2-Chloronaphthalene	9.30	162	800249	40.697	ng	97
48) 2-Nitroaniline	9.40	65	277640	39.813	ng	96
49) Acenaphthylene	9.72	152	1208814	40.419	ng	98
50) Dimethylphthalate	9.57	163	904099	40.722	ng	100
51) 2,6-Dinitrotoluene	9.65	165	198815	40.374	ng	88
52) Acenaphthene	9.89	154	731141	39.840	ng	99
53) 3-Nitroaniline	9.82	138	241905	39.573	ng	100
54) 2,4-Dinitrophenol	9.94	184	92132	40.816	ng	94
55) Dibenzofuran	10.06	168	1037421	38.551	ng	99
56) 4-Nitrophenol	10.00	139	147972	34.230	ng	95
57) 2,4-Dinitrotoluene	10.06	165	249393	37.313	ng	# 79
58) Fluorene	10.40	166	863545	41.544	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	205922	36.929	ng	98
60) Diethylphthalate	10.27	149	912080	40.432	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	422982	41.432	ng	96
62) 4-Nitroaniline	10.43	138	240080	37.376	ng	97
63) Azobenzene	10.55	77	856031	39.204	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	120537	41.778	ng	98
66) n-Nitrosodiphenylamine	10.51	169	748144	41.054	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	264826	40.058	ng	96
68) Hexachlorobenzene	10.96	284	292520	39.996	ng	99
69) Atrazine	11.04	200	231389	40.802	ng	99
70) Pentachlorophenol	11.16	266	118401	34.151	ng	98
71) Phenanthrene	11.36	178	1224637	41.922	ng	98
72) Anthracene	11.42	178	1245969	42.465	ng	99
73) Carbazole	11.57	167	1166624	41.696	ng	98
74) Di-n-butylphthalate	11.89	149	1426473	44.253	ng	100
75) Fluoranthene	12.56	202	1299744	41.317	ng	99
77) Benzidine	12.67	184	754220	44.143	ng	96
78) Pyrene	12.79	202	1305575	42.638	ng	99
80) Butylbenzylphthalate	13.39	149	584727	45.369	ng	96
81) Benzo(a)anthracene	13.97	228	1052992	42.772	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	396732	41.541	ng	98
83) Chrysene	14.02	228	1024536	42.453	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	776976	46.095	ng	98
85) Di-n-octyl phthalate	14.57	149	1155811	42.299	ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	801690	37.587	ng	99
88) Benzo(b)fluoranthene	15.04	252	870642	44.262	ng	99
89) Benzo(k)fluoranthene	15.06	252	791387	43.798	ng	99
90) Benzo(a)pyrene	15.40	252	759934	43.898	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	649332	45.139	ng	99
92) Benzo(g,h,i)perylene	17.39	276	673009	46.685	ng	98

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

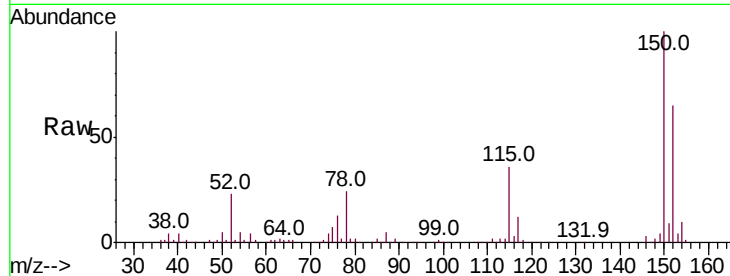


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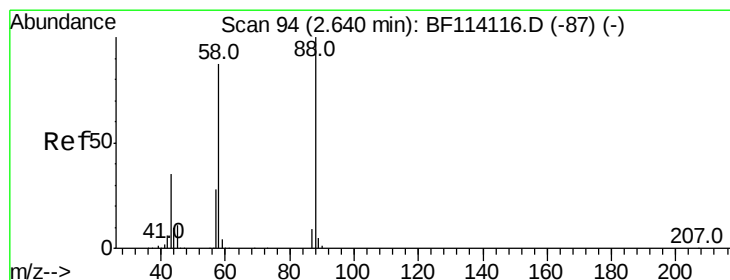
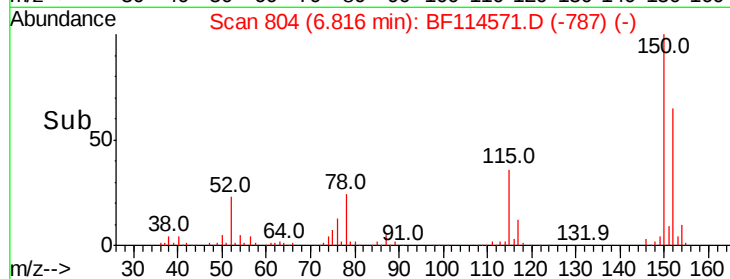
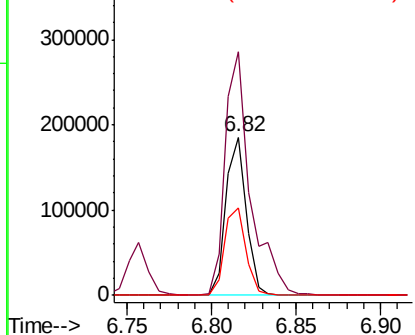
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 156687
Ion Ratio Lower Upper
152 100
150 154.0 124.3 186.5
115 55.4 49.1 73.7



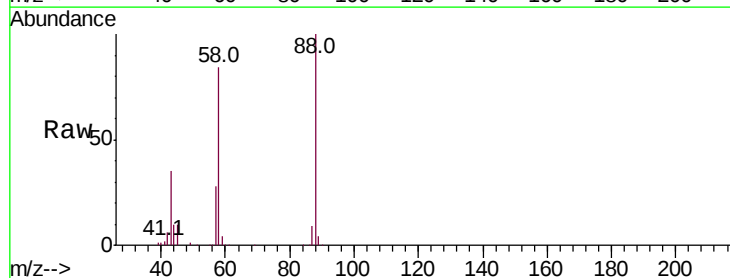
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



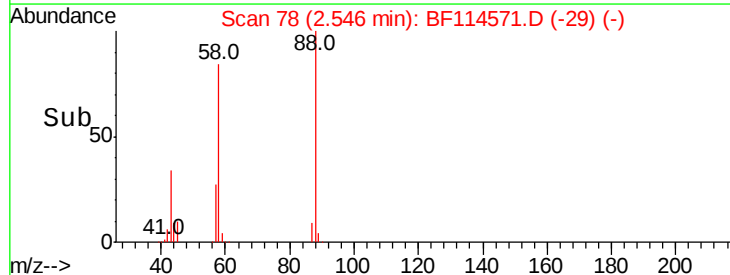
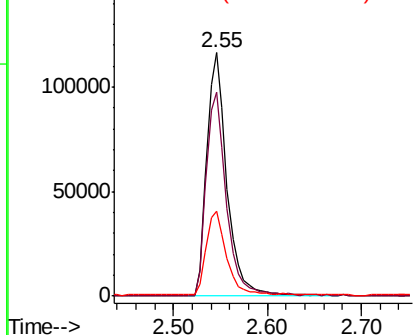
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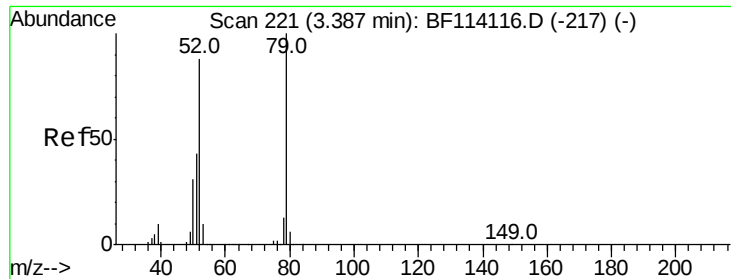
1,4-Dioxane
Concen: 33.004 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion: 88 Resp: 176630
Ion Ratio Lower Upper
88 100
58 83.4 68.7 103.1
43 33.7 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: 33.631 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

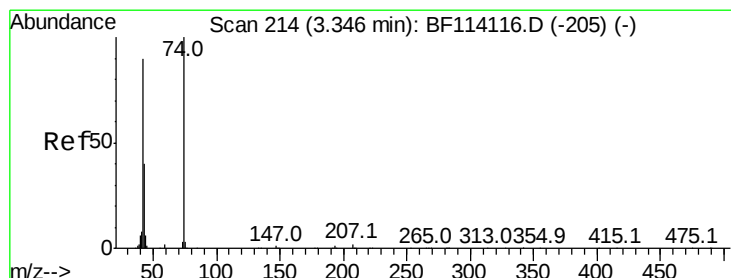
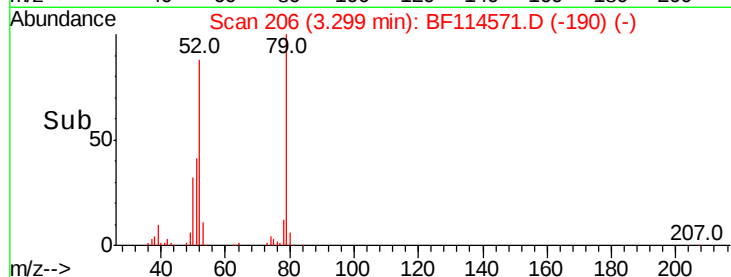
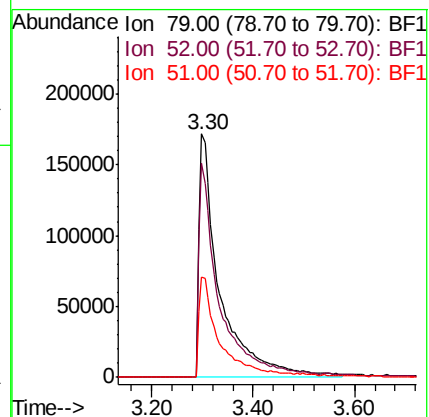
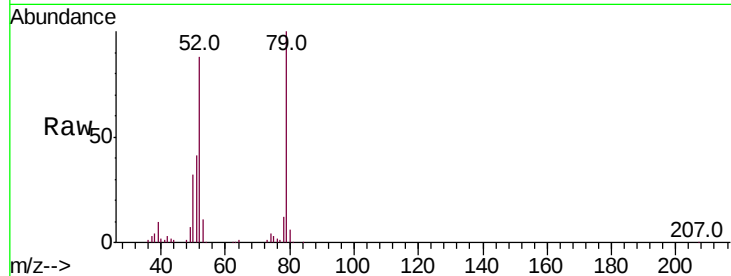
Tot Ion: 79 Resp: 495896

Ion Ratio Lower Upper

79 100

52 87.9 70.6 105.8

51 41.3 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 33.857 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

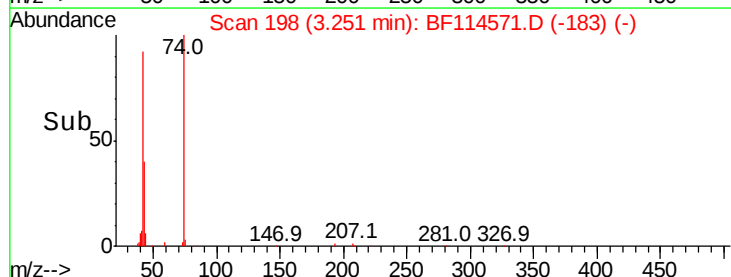
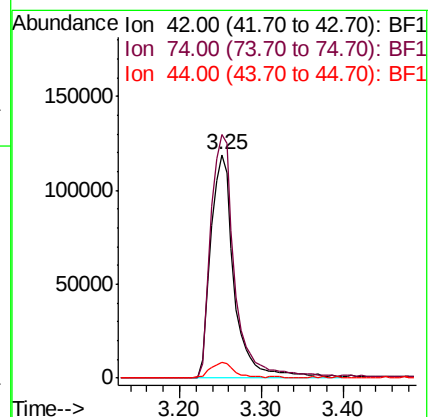
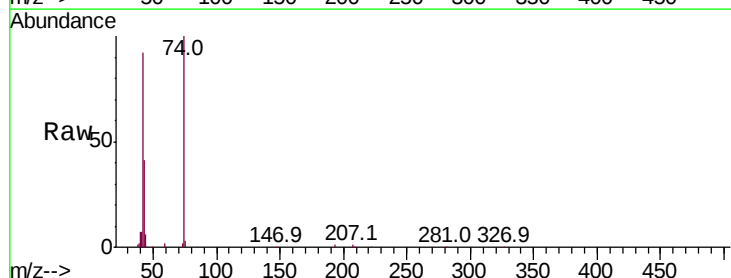
Tgt Ion: 42 Resp: 240746

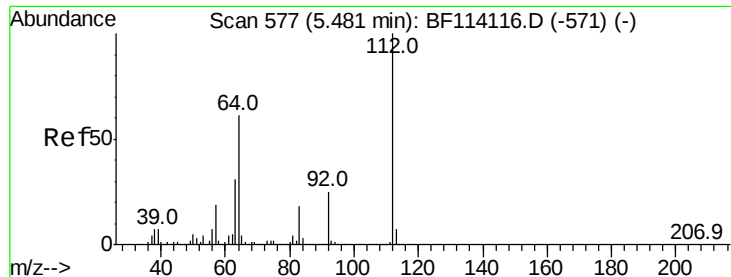
Ion Ratio Lower Upper

42 100

74 109.0 88.6 132.8

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 79.301 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

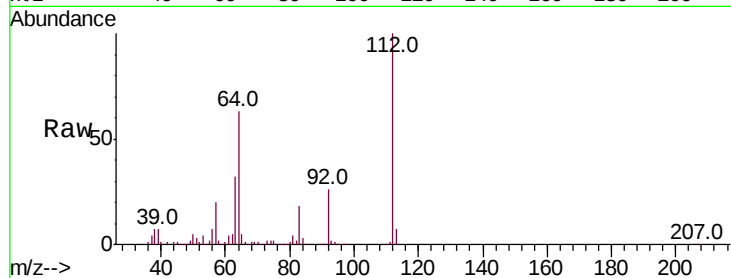
Tot Ion:112 Resp: 772119

Ion Ratio Lower Upper

112 100

64 62.8 49.0 73.6

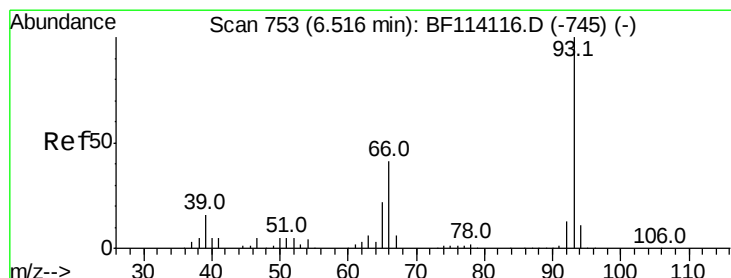
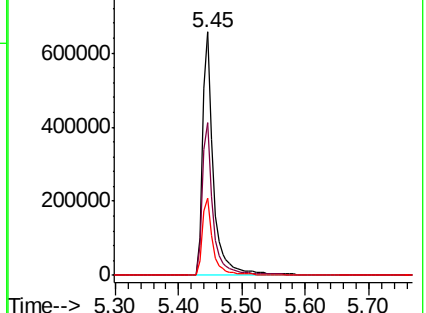
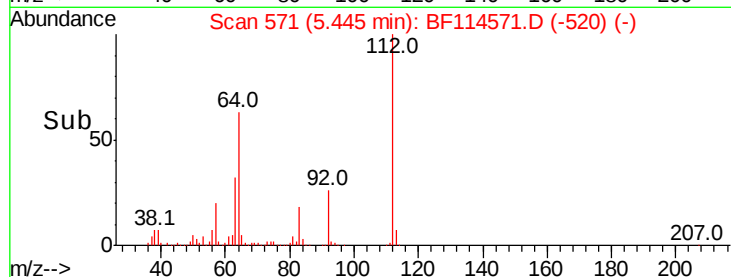
63 31.8 24.6 37.0



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: 39.538 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

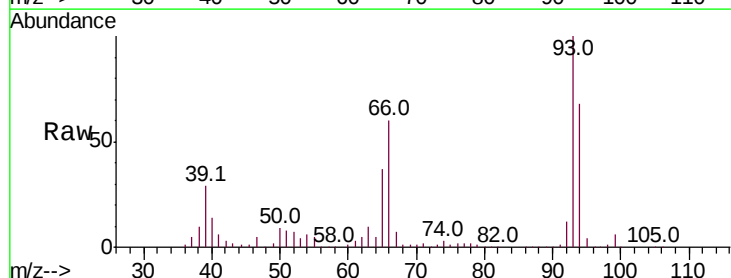
Tgt Ion: 93 Resp: 657706

Ion Ratio Lower Upper

93 100

66 60.0 33.2 49.8#

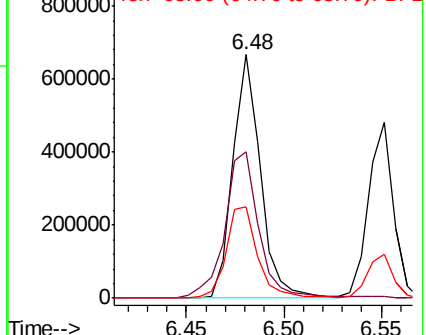
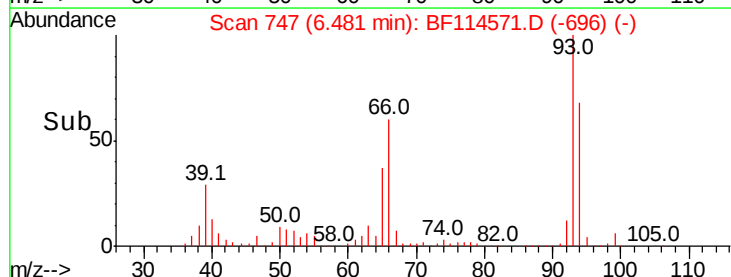
65 37.3 17.6 26.4#

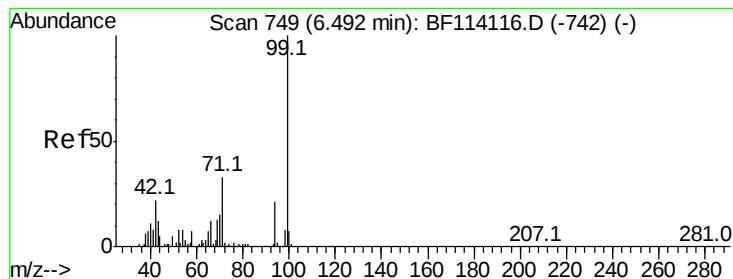


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.272 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

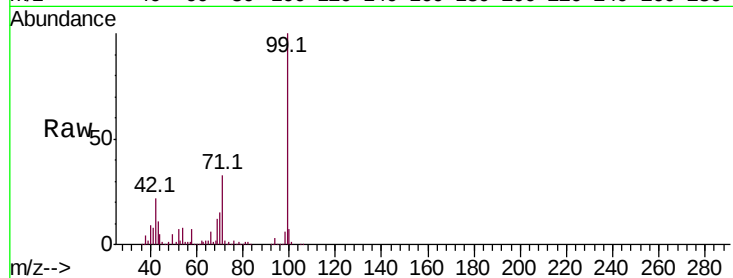
Tot Ion: 99 Resp: 947426

Ion Ratio Lower Upper

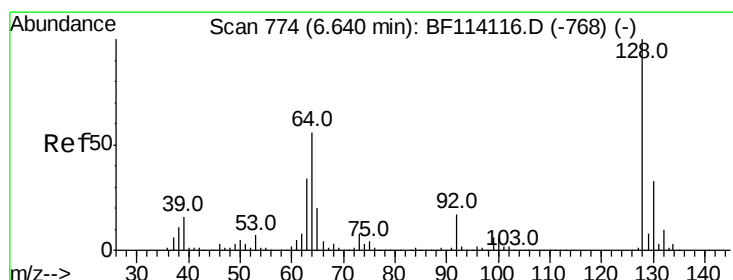
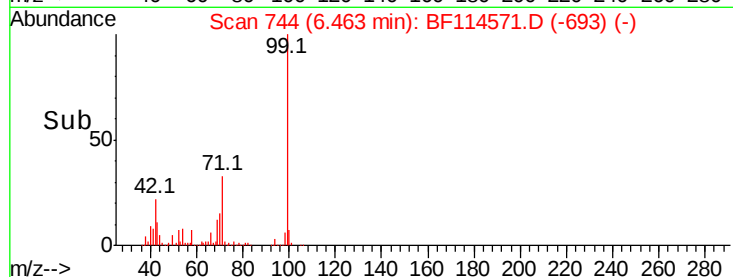
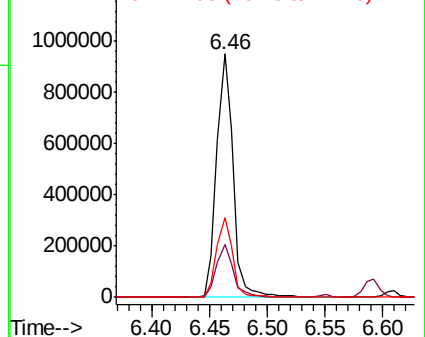
99 100

42 22.0 17.9 26.9

71 32.9 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.055 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

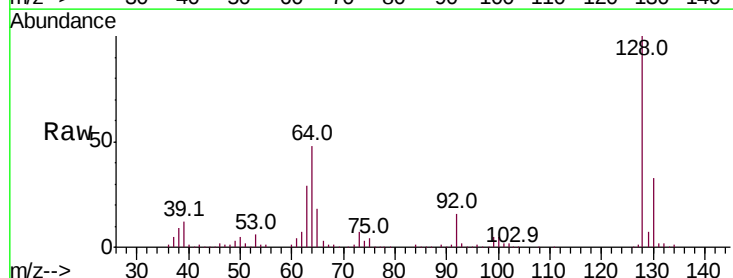
Tgt Ion: 128 Resp: 437130

Ion Ratio Lower Upper

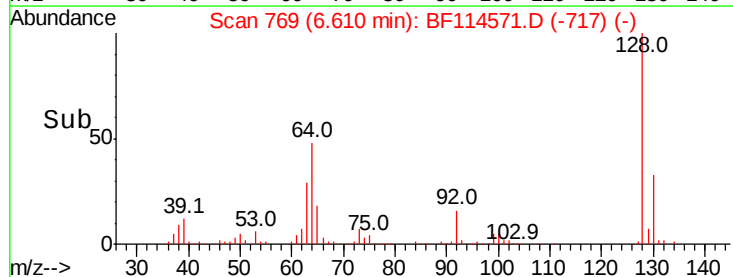
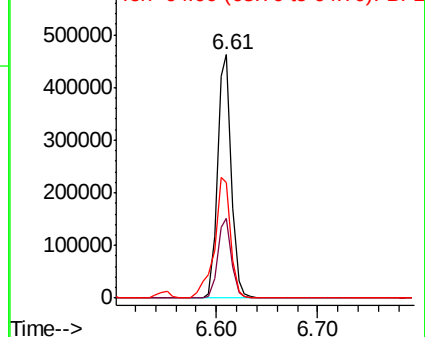
128 100

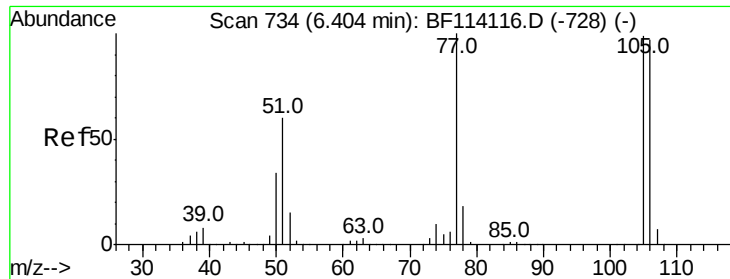
130 33.0 12.6 52.6

64 47.5 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

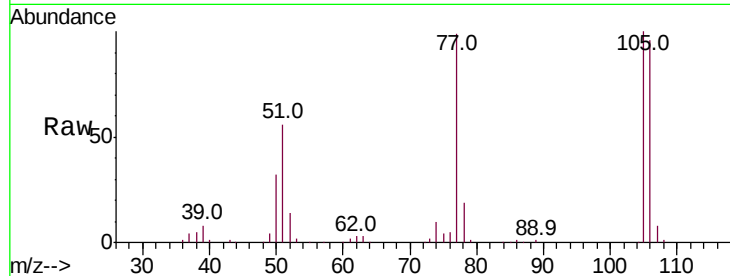




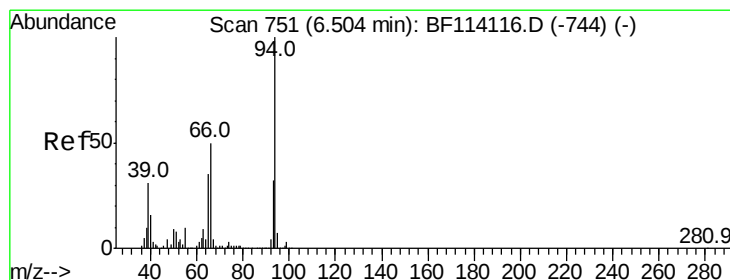
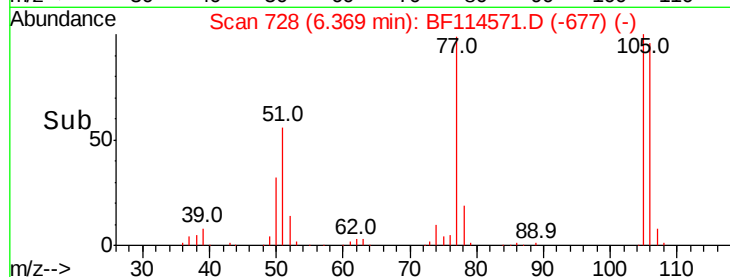
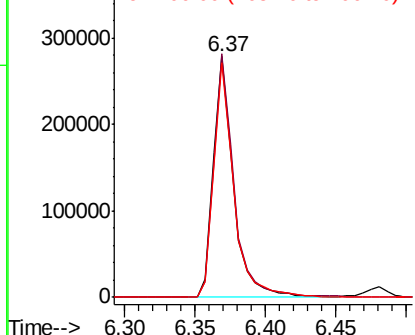
#9
Benzaldehyde
Concen: 34.453 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 77 Resp: 277756
Ion Ratio Lower Upper
77 100
105 101.2 79.3 119.3
106 97.6 77.0 117.0

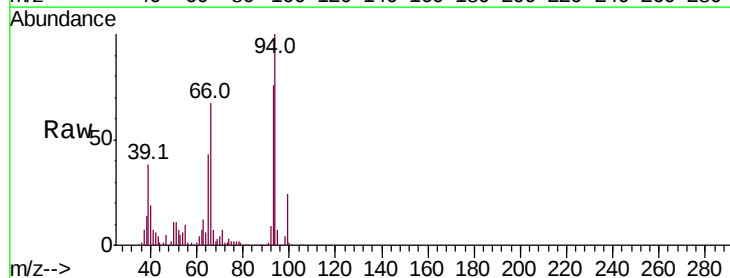


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

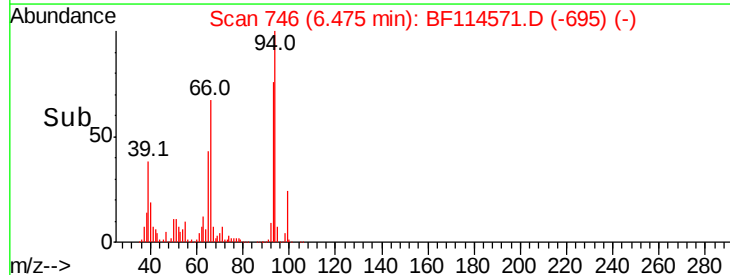
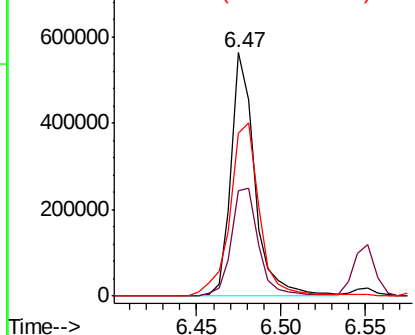


#10
Phenol
Concen: 40.588 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion: 94 Resp: 549841
Ion Ratio Lower Upper
94 100
65 43.5 14.7 54.7
66 66.8 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

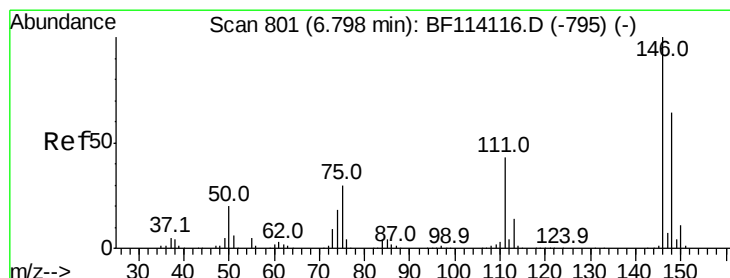
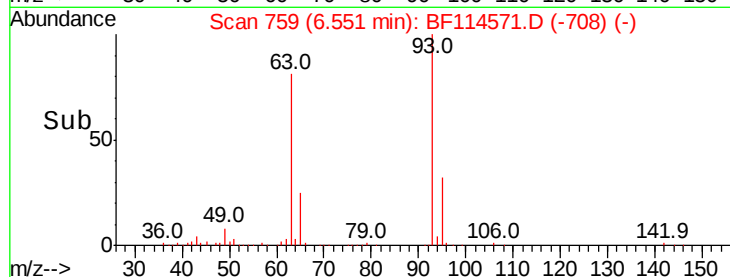
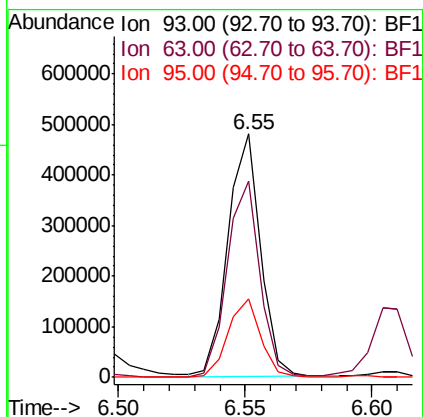
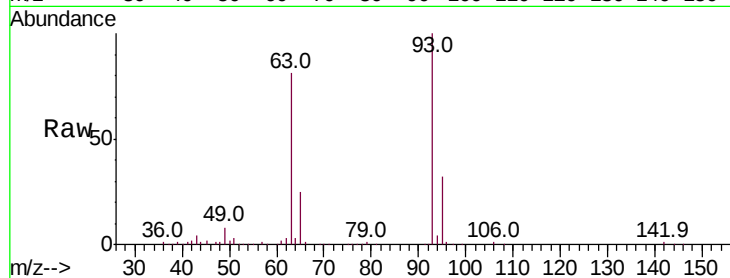




#11
bis(2-Chloroethyl)ether
Concen: 41.298 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

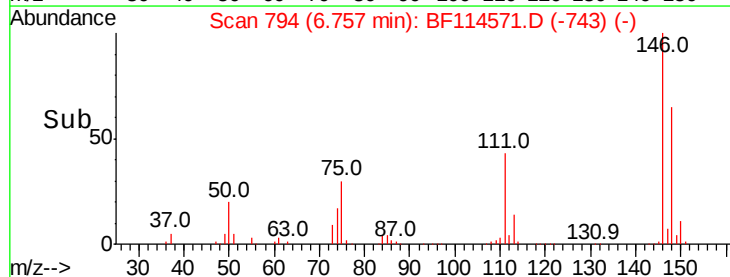
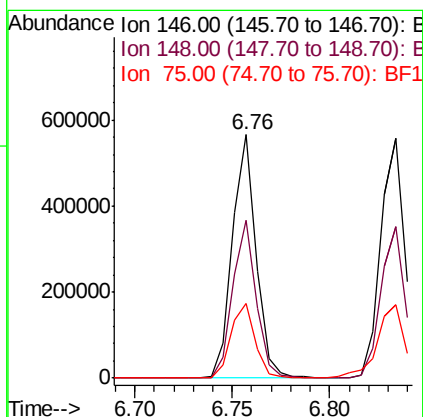
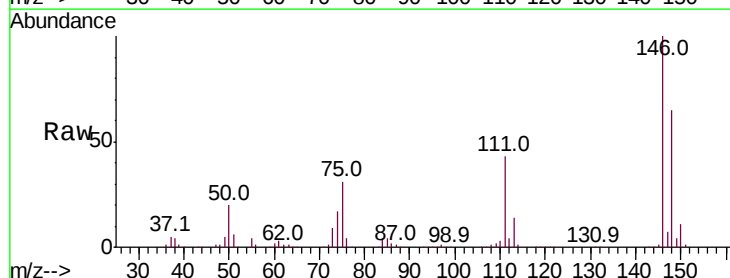
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

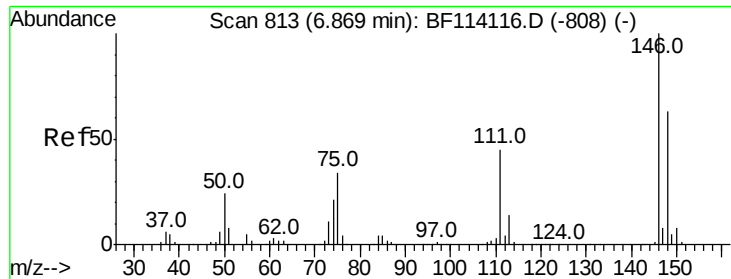
Tot Ion: 93 Resp: 424731
Ion Ratio Lower Upper
93 100
63 80.8 63.6 103.6
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 40.894 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion: 146 Resp: 477141
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
75 30.6 24.2 36.2

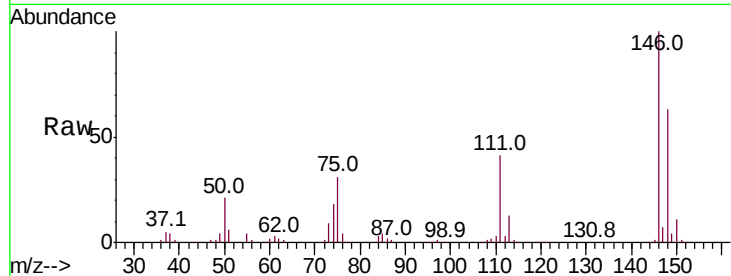




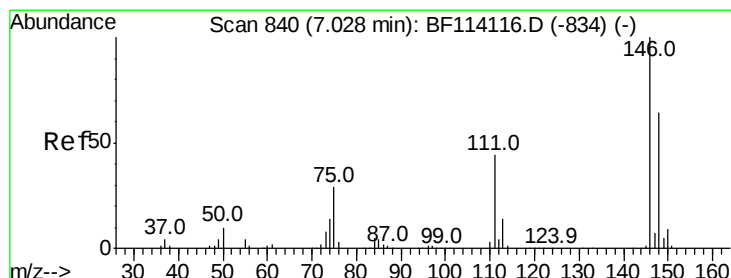
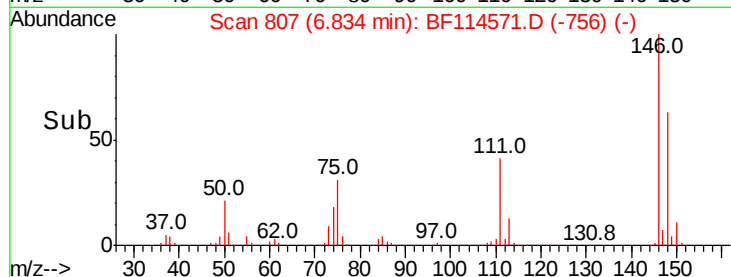
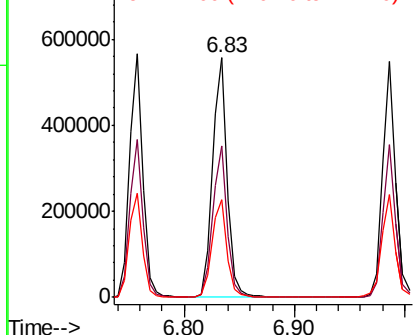
#13
 1,4-Dichlorobenzene
 Concen: 42.324 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 497621
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.2 75.2
 111 41.0 35.8 53.6

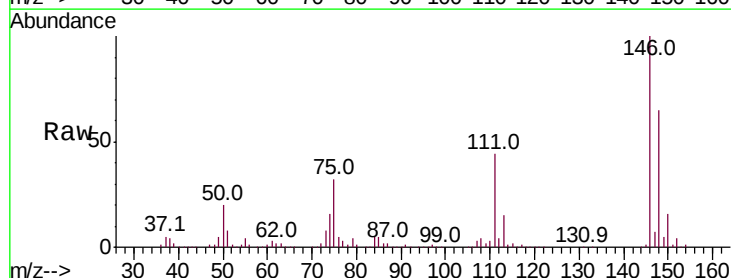


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

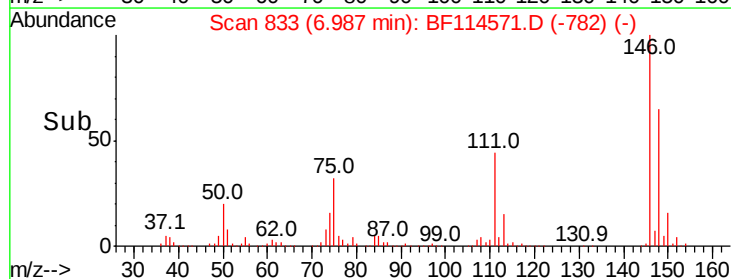
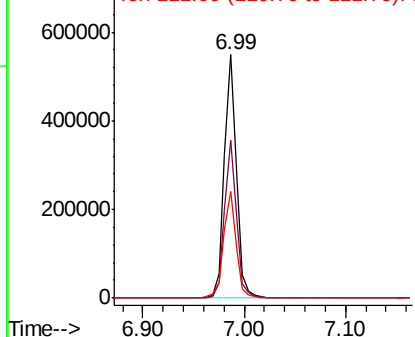


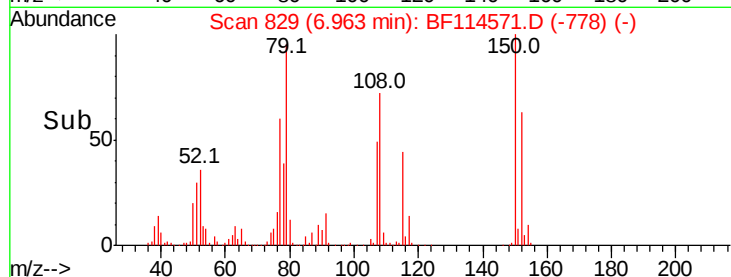
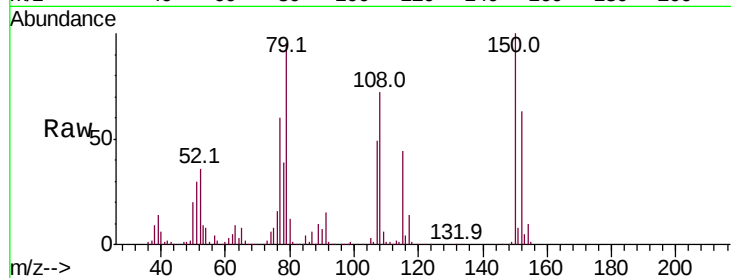
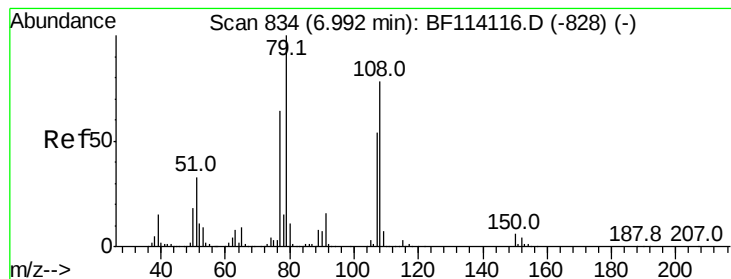
#14
 1,2-Dichlorobenzene
 Concen: 42.229 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion:146 Resp: 453601
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 43.6 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 39.569 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

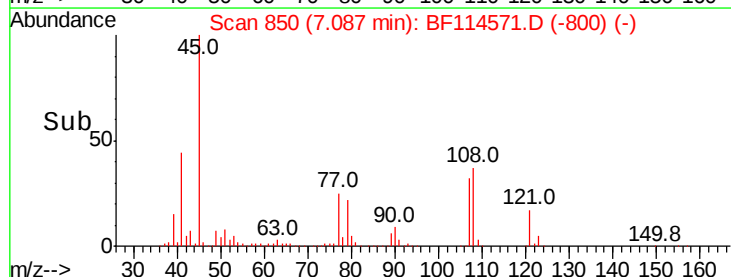
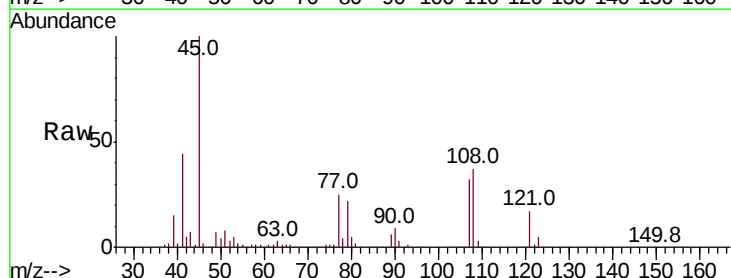
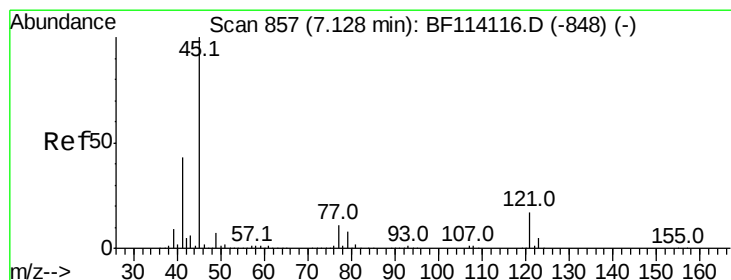
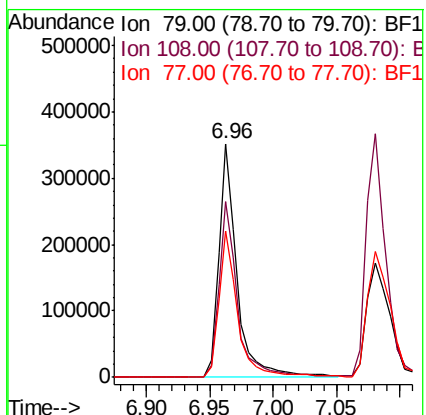
Tot Ion: 79 Resp: 355390

Ion Ratio Lower Upper

79 100

108 75.3 62.1 93.1

77 62.9 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.607 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

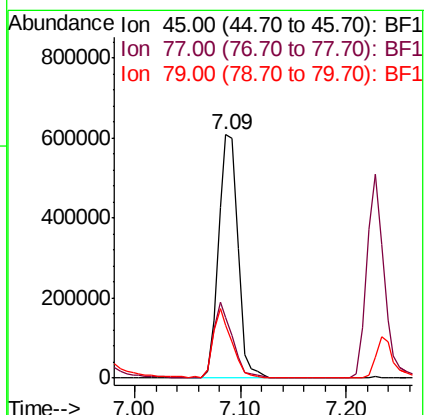
Tgt Ion: 45 Resp: 789809

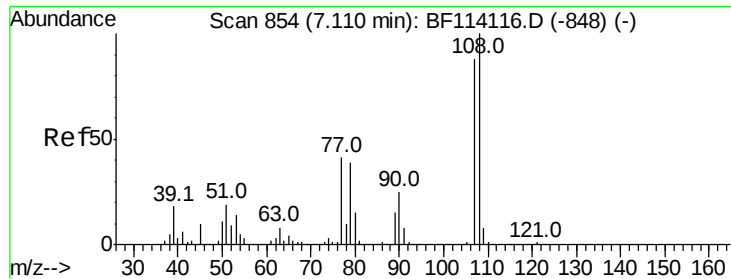
Ion Ratio Lower Upper

45 100

77 24.8 0.0 31.1

79 21.8 0.0 28.4

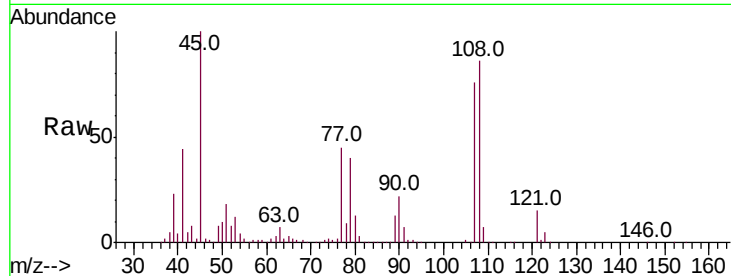




#17
2-Methylphenol
Concen: 39.754 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.5	135.7
77	58.9	37.0	55.4
79	53.5	35.8	53.8



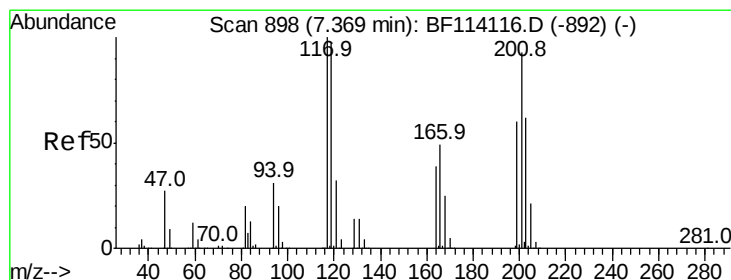
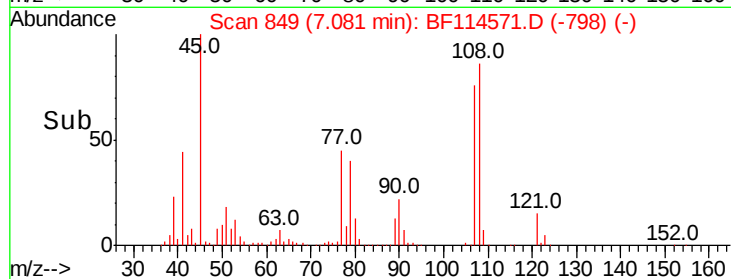
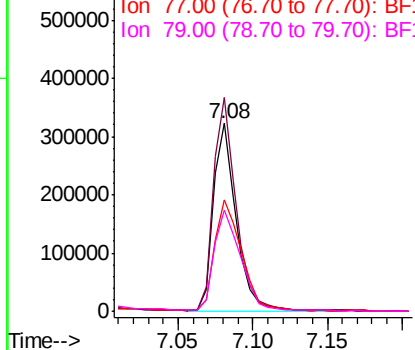
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

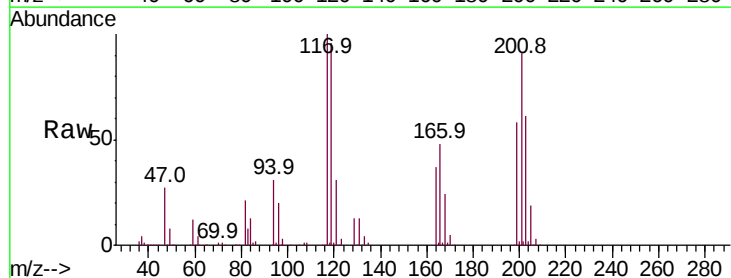
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.559 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.2
201	91.1	74.5	111.7

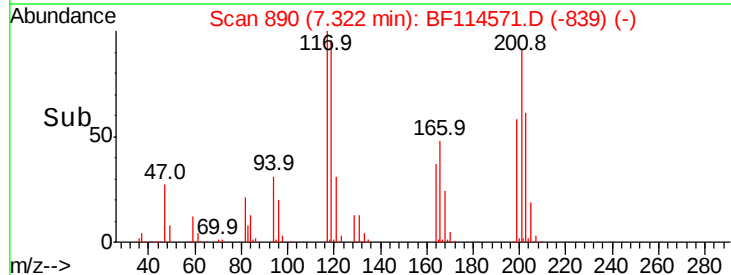
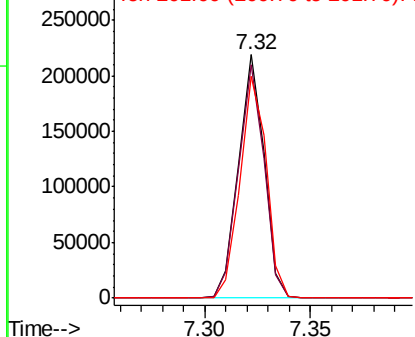


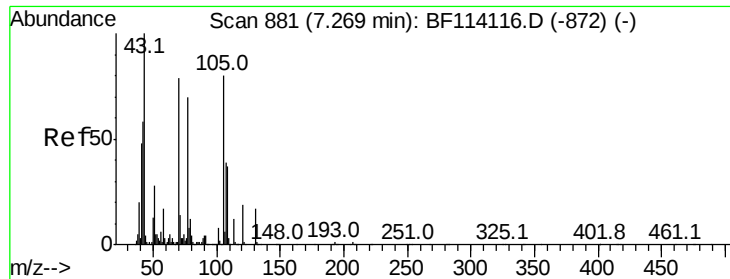
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

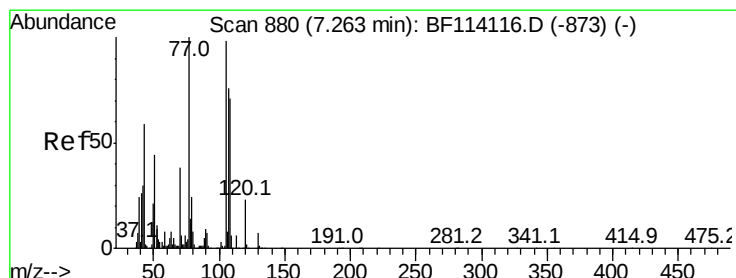
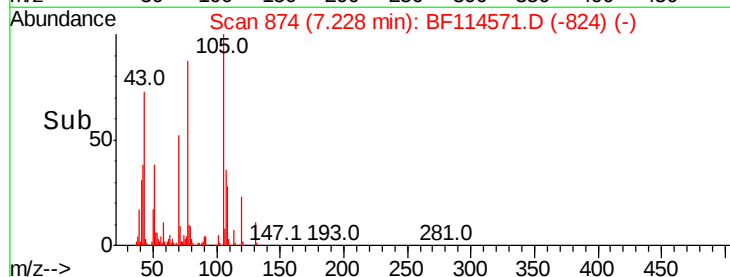
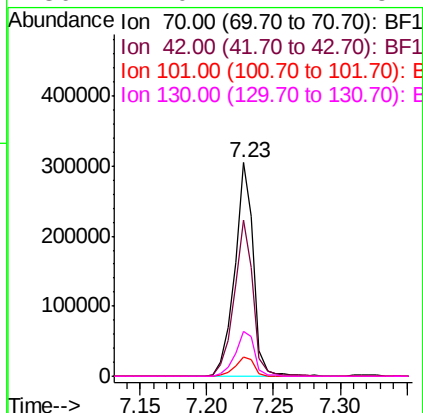
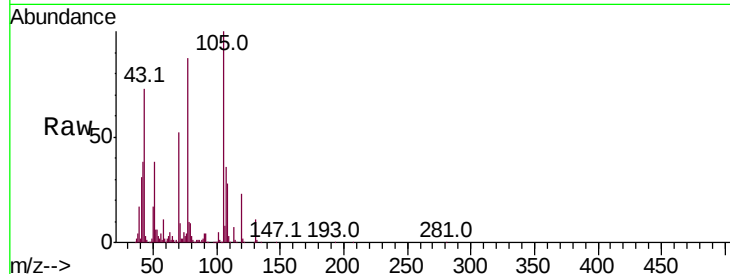




#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

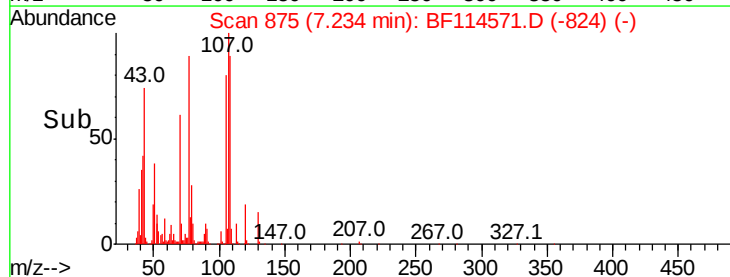
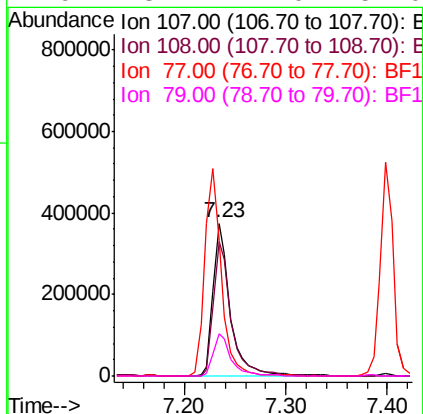
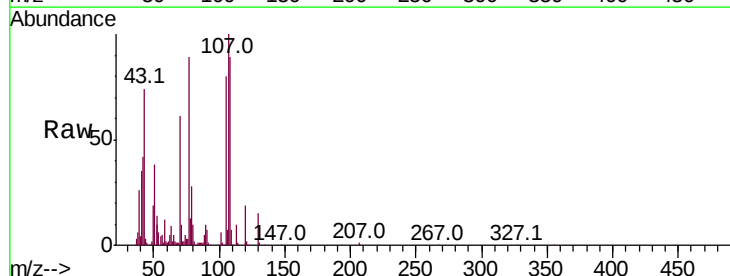
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

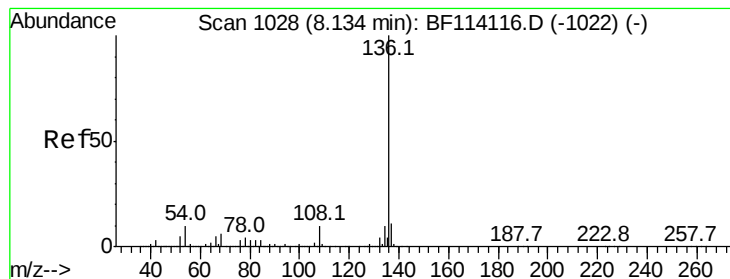
Tot Ion:	70	Resp:	297591
Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.6	87.8
101	9.3	7.8	11.8
130	21.0	17.1	25.7



#20
3+4-Methylphenols
Concen: 44.602 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:	107	Resp:	440004
Ion	Ratio	Lower	Upper
107	100		
108	88.5	73.8	113.8
77	89.3	111.5	151.5#
79	28.1	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: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 628700

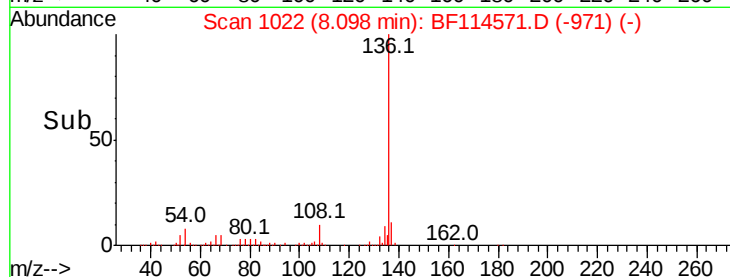
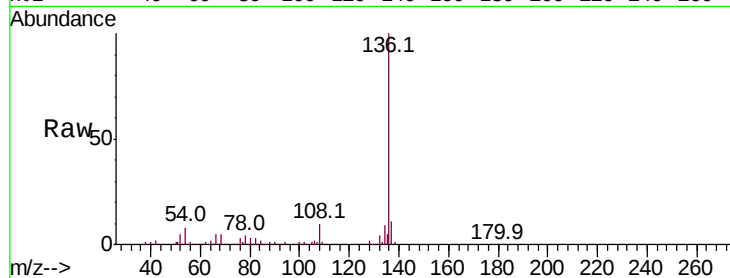
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 7.8 11.8

68 5.3 5.1 7.7



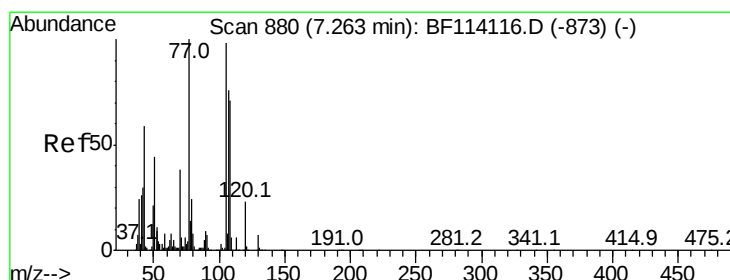
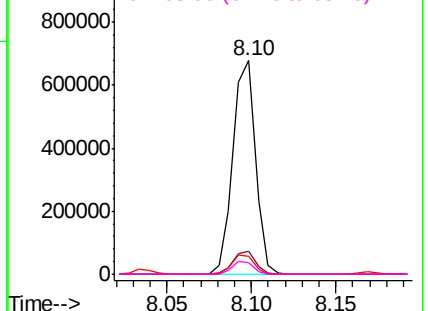
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.327 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Tgt Ion:105 Resp: 575598

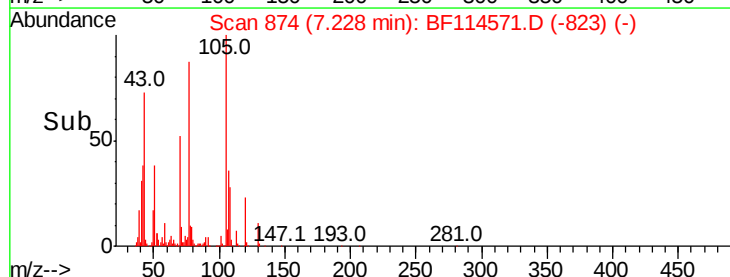
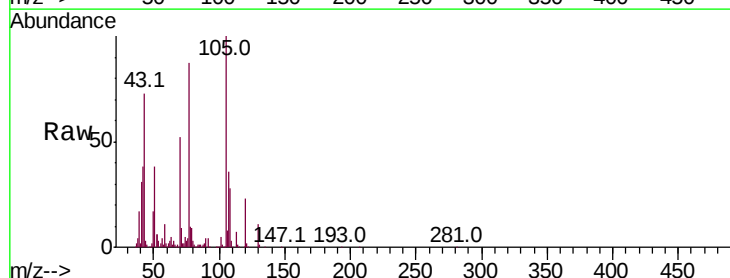
Ion Ratio Lower Upper

105 100

71 8.7 5.3 7.9#

51 37.8 36.2 54.4

120 22.6 18.6 28.0



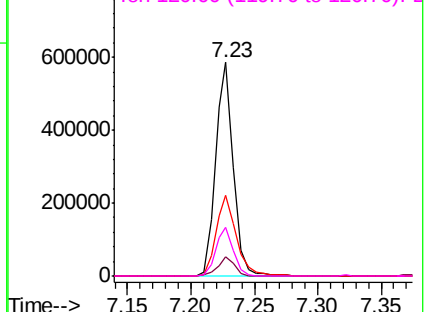
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

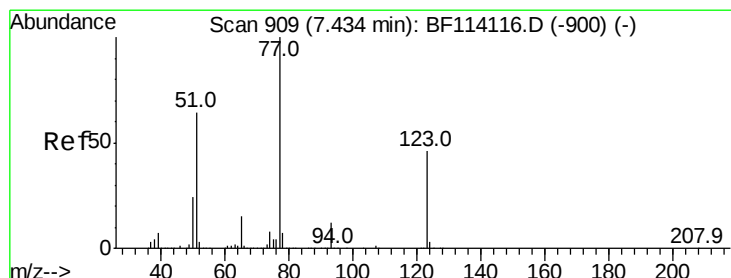
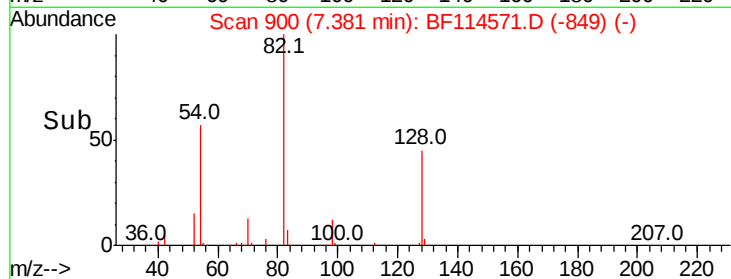
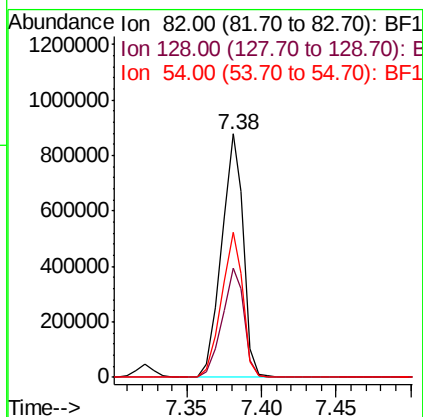
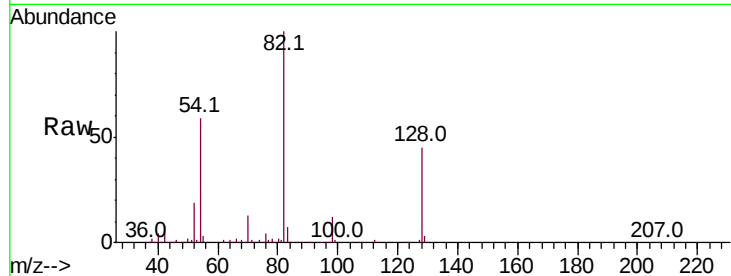




#23
 Nitrobenzene-d5
 Concen: 80.764 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

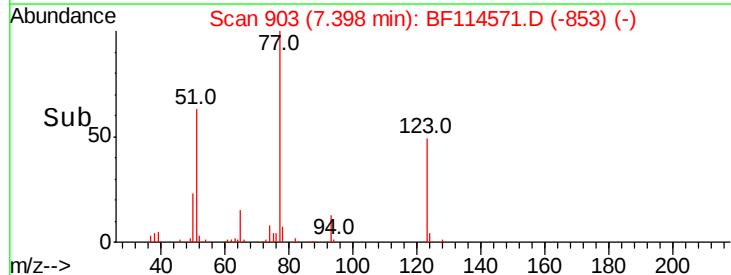
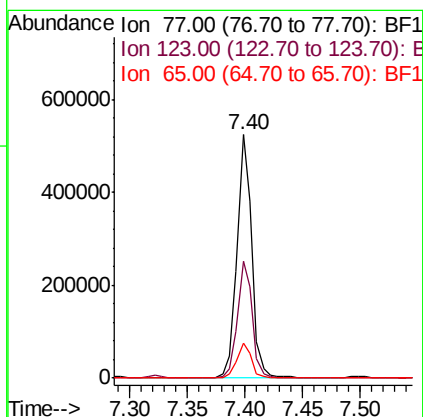
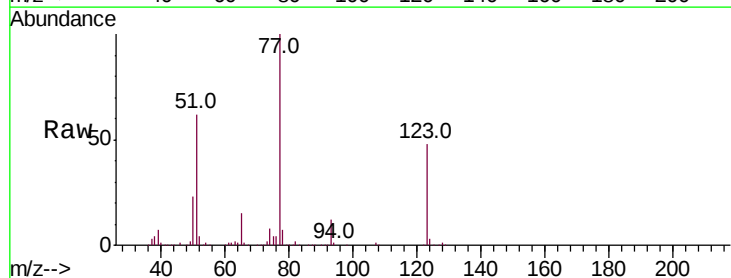
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

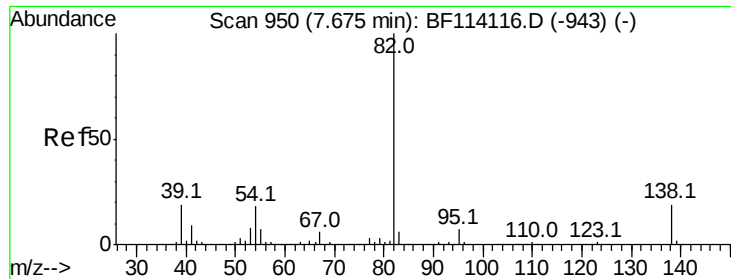
Tot Ion: 82 Resp: 904780
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.5 53.3
 54 59.3 48.5 72.7



#24
 Nitrobenzene
 Concen: 40.357 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion: 77 Resp: 460479
 Ion Ratio Lower Upper
 77 100
 123 47.9 36.9 55.3
 65 14.6 11.8 17.6





#25

Isophorone

Concen: 39.737 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

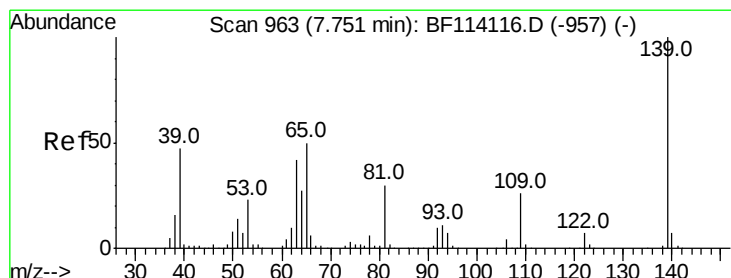
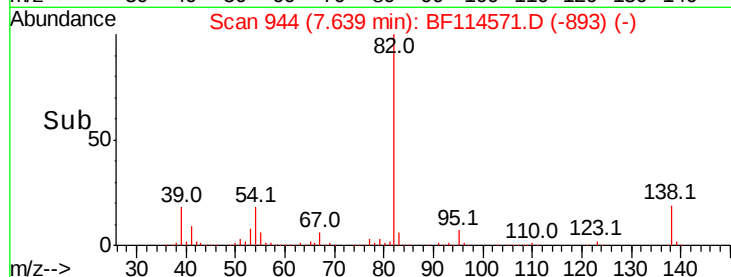
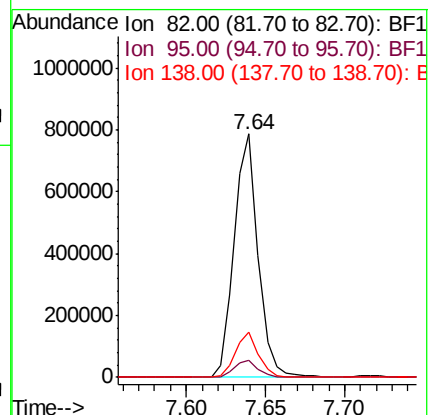
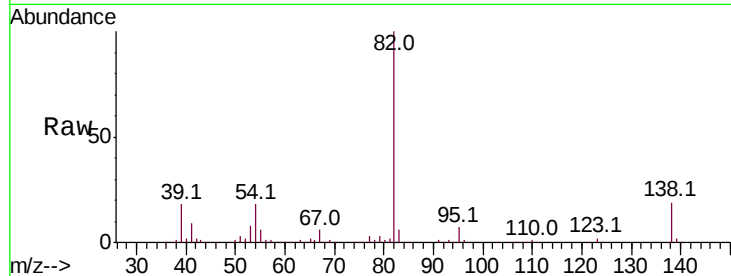
Tot Ion: 82 Resp: 825612

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 18.6 14.8 22.2



#26

2-Nitrophenol

Concen: 42.652 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

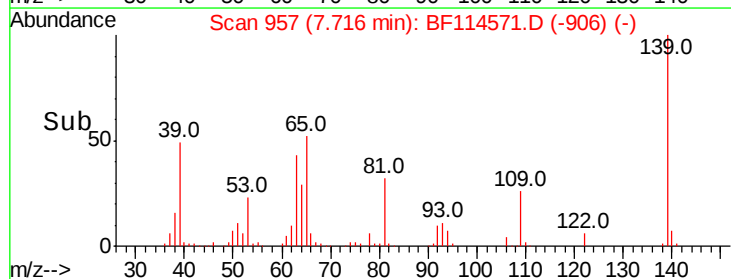
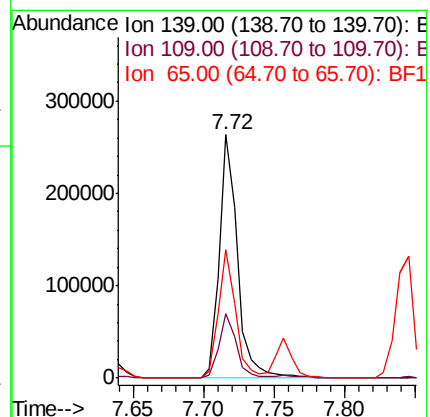
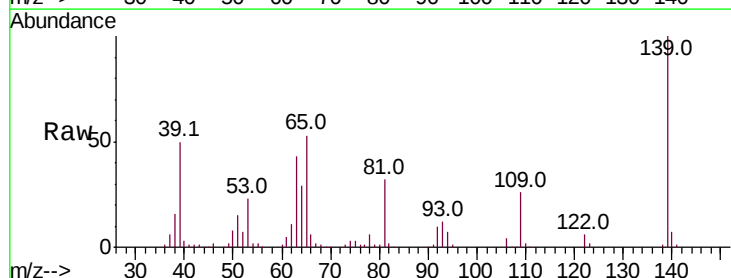
Tgt Ion: 139 Resp: 236109

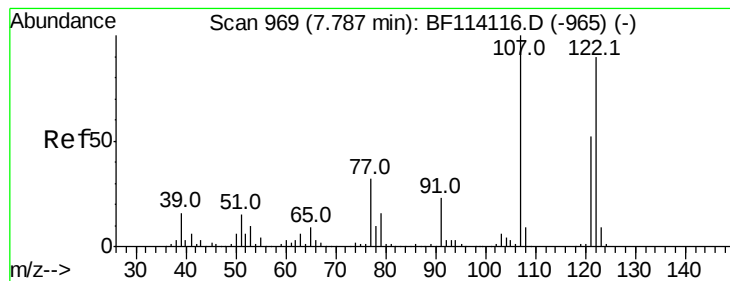
Ion Ratio Lower Upper

139 100

109 26.3 20.7 31.1

65 52.9 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 38.824 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

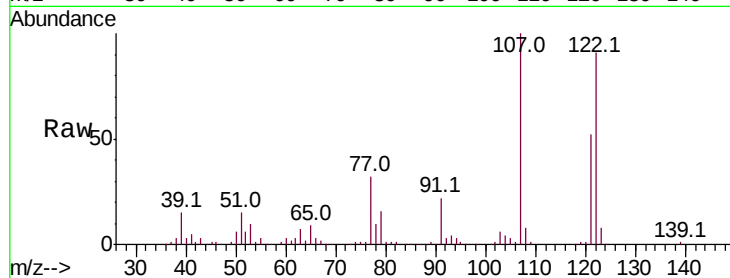
Tot Ion:122 Resp: 337550

Ion Ratio Lower Upper

122 100

107 110.1 88.4 132.6

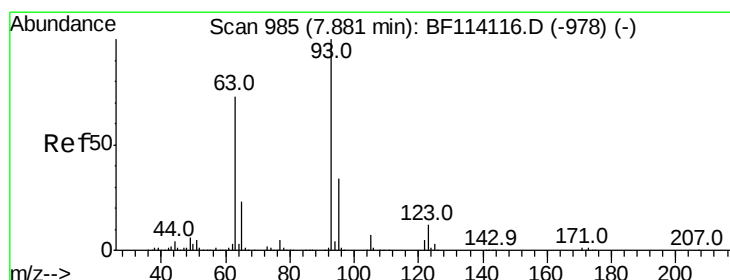
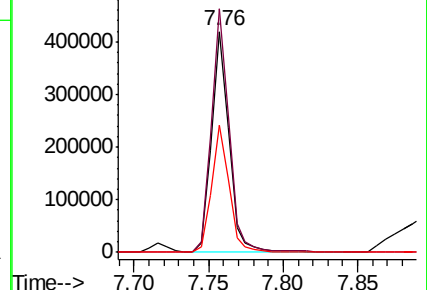
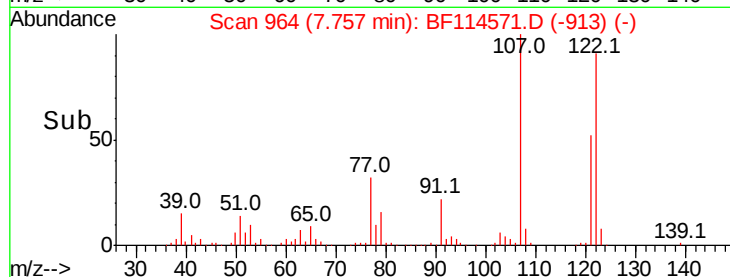
121 57.3 45.9 68.9



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: 40.790 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

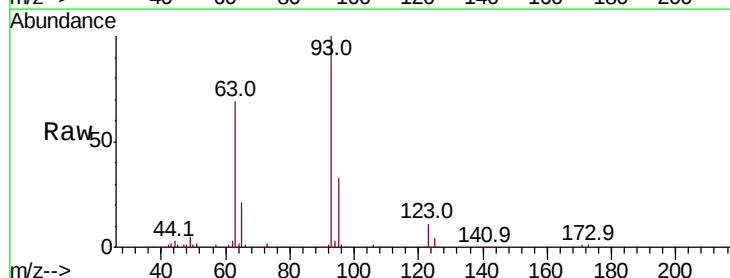
Tgt Ion: 93 Resp: 549875

Ion Ratio Lower Upper

93 100

95 33.4 26.8 40.2

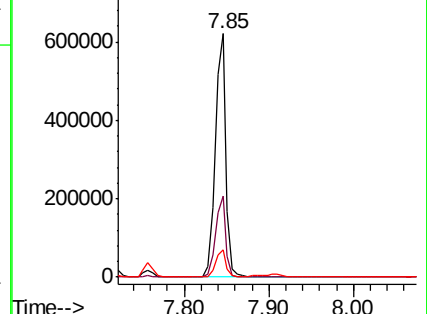
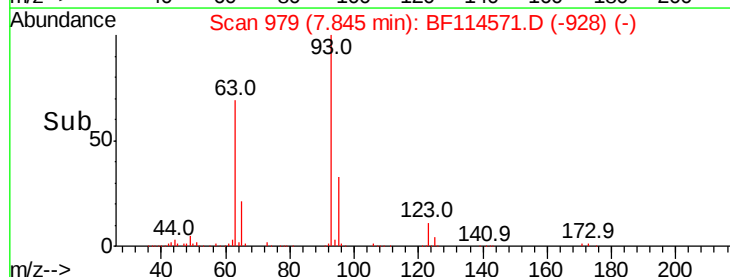
123 11.4 9.5 14.3

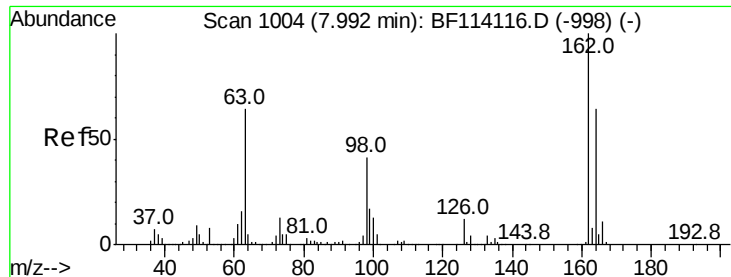


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.046 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

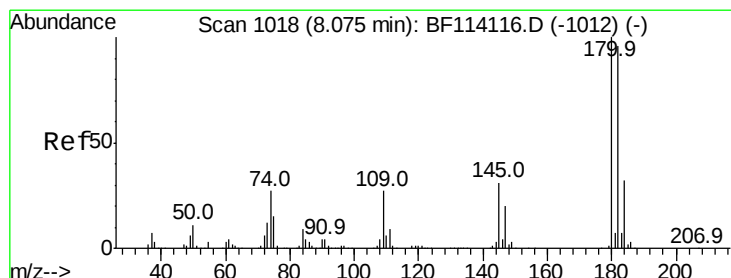
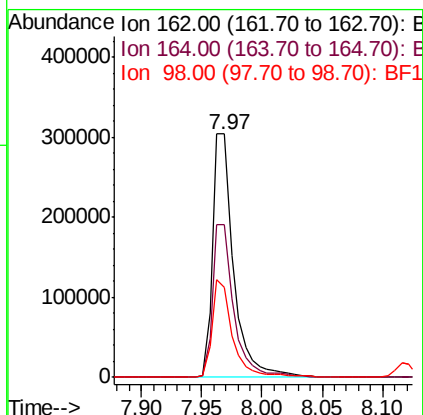
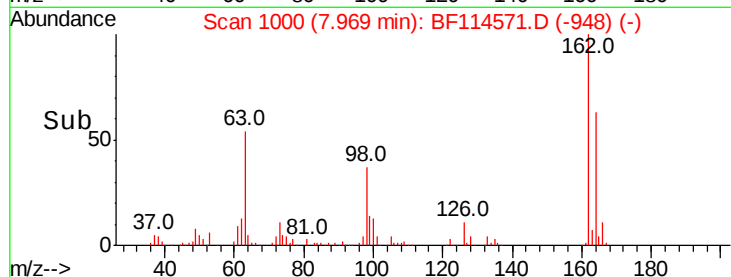
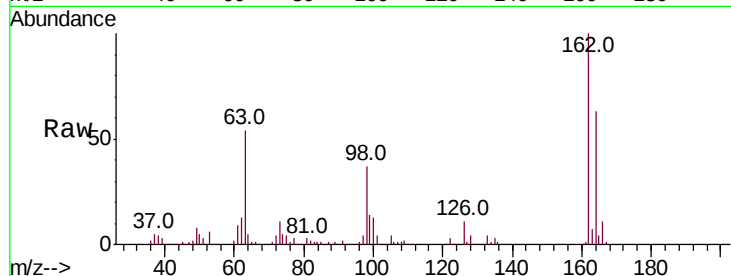
Tot Ion:162 Resp: 364013

Ion Ratio Lower Upper

162 100

164 62.6 43.6 83.6

98 36.9 20.6 60.6



#30

1,2,4-Trichlorobenzene

Concen: 41.032 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

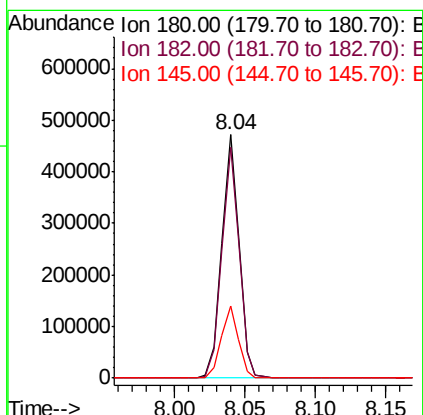
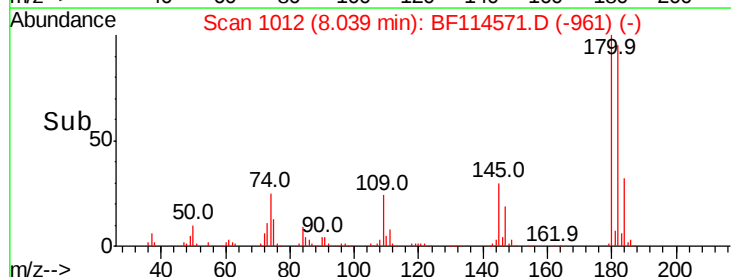
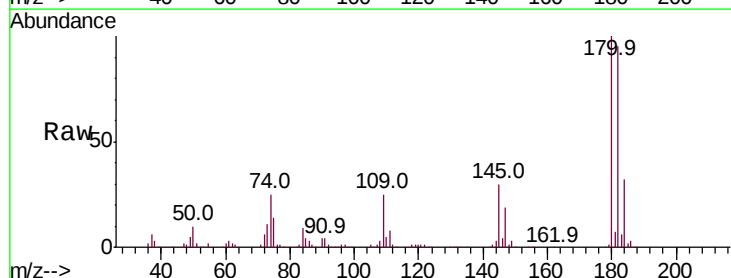
Tgt Ion:180 Resp: 403951

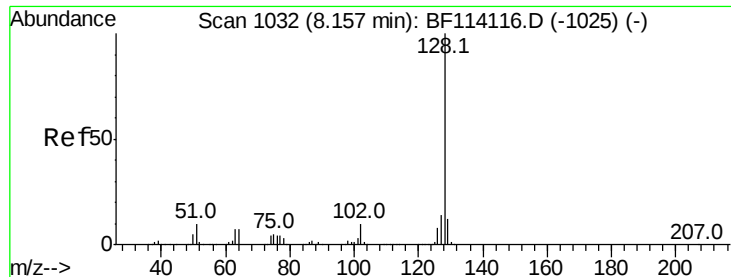
Ion Ratio Lower Upper

180 100

182 94.8 76.6 114.8

145 29.6 25.1 37.7

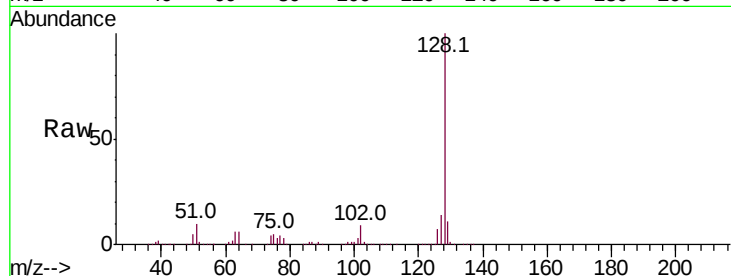




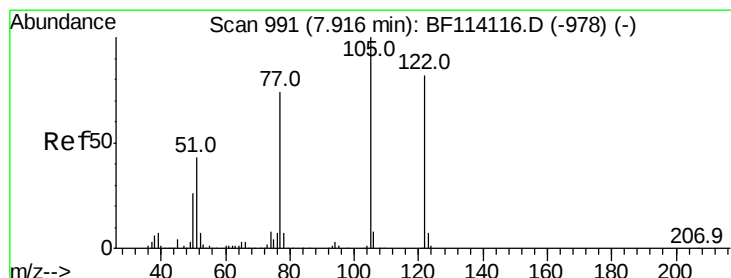
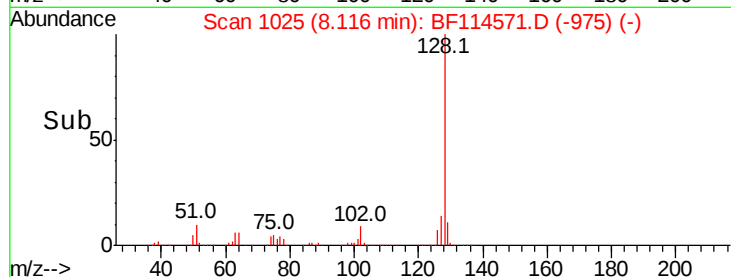
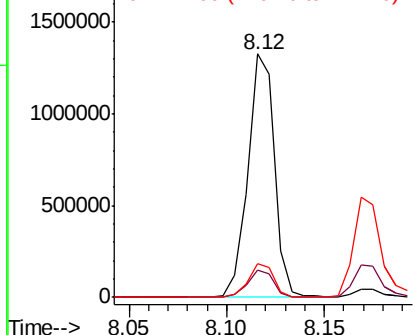
#31
Naphthalene
Concen: 42.477 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1247434
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.7 11.3 16.9

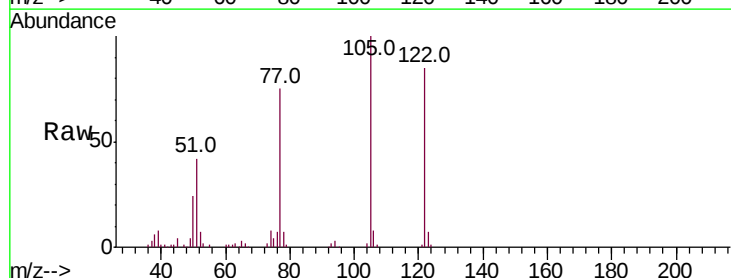


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

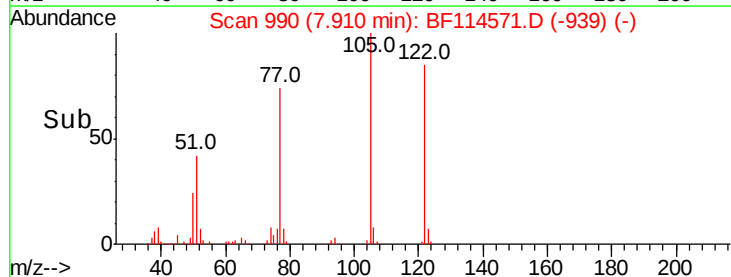
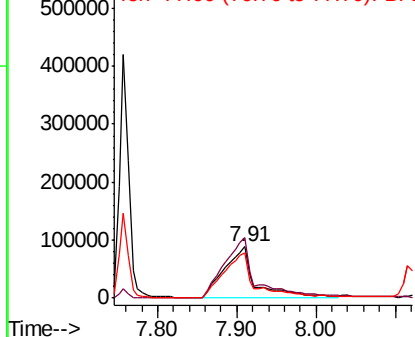


#32
Benzoic acid
Concen: 39.985 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:122 Resp: 239371
Ion Ratio Lower Upper
122 100
105 117.7 99.9 139.9
77 87.8 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

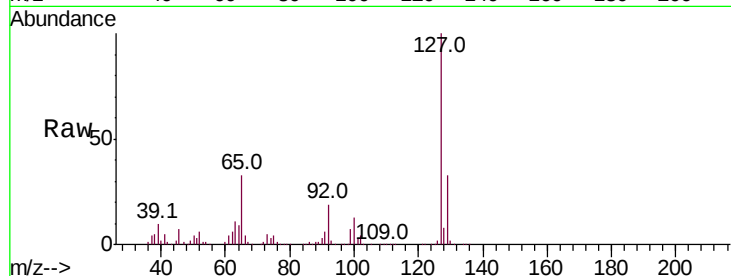




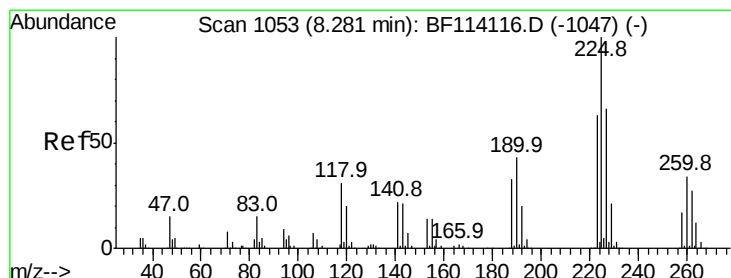
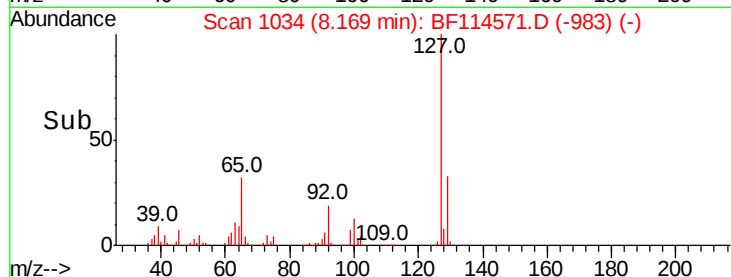
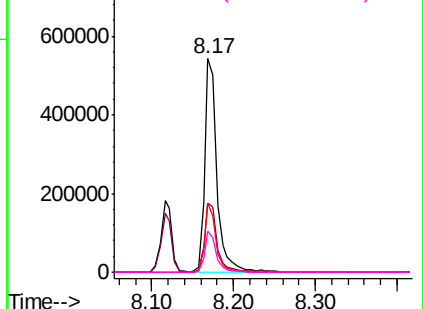
#33
4-Chloroaniline
Concen: 42.089 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	563264
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	32.5	25.4	38.0
92	19.1	15.4	23.2

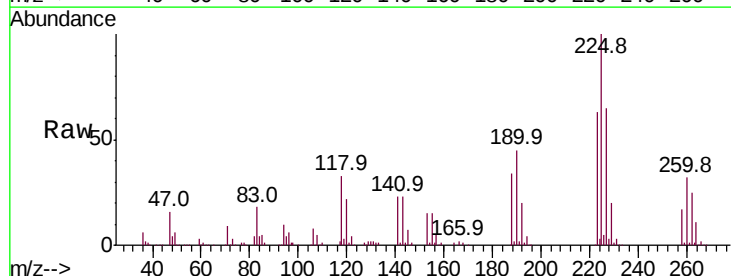


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

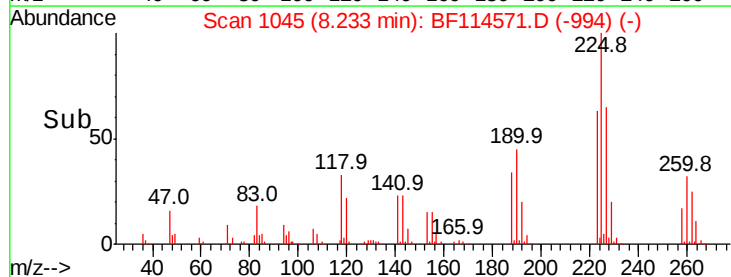
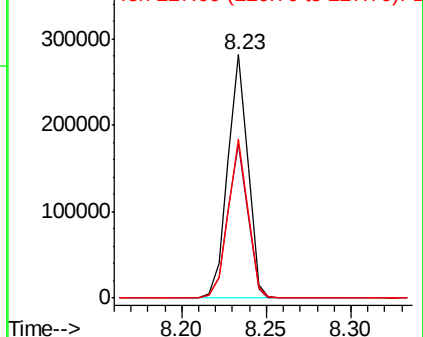


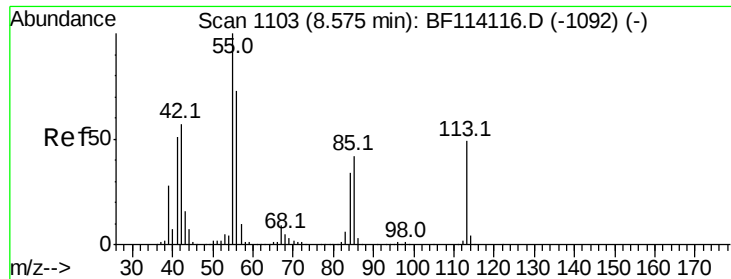
#34
Hexachlorobutadiene
Concen: 41.654 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:	225	Resp:	233324
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	65.5	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

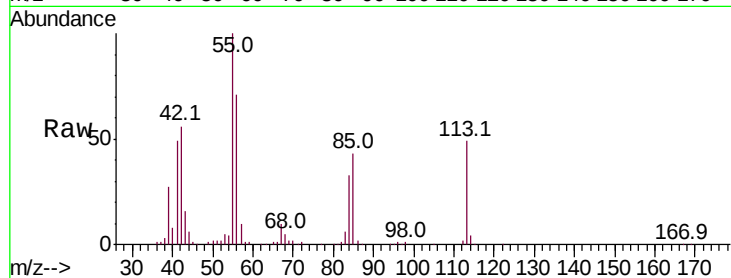




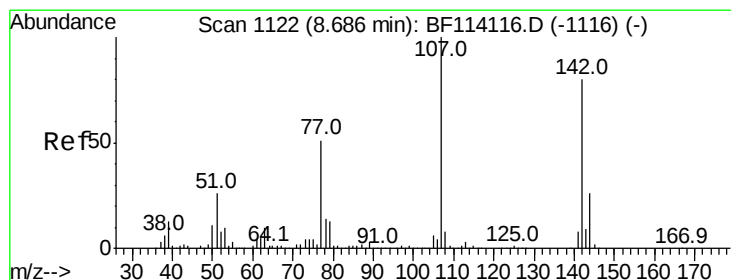
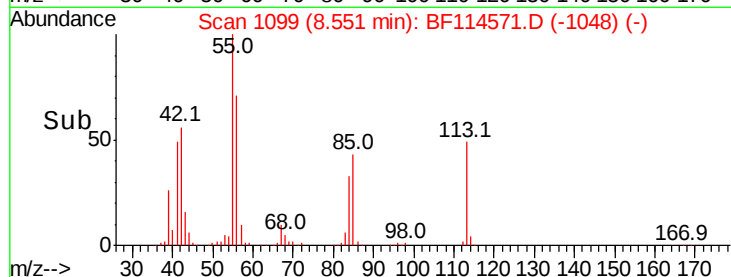
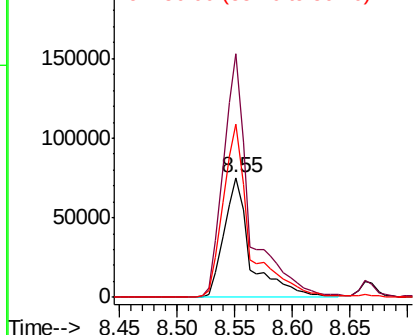
#35
Caprolactam
Concen: 43.240 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 122066
Ion Ratio Lower Upper
113 100
55 202.9 183.5 223.5
56 144.8 128.8 168.8

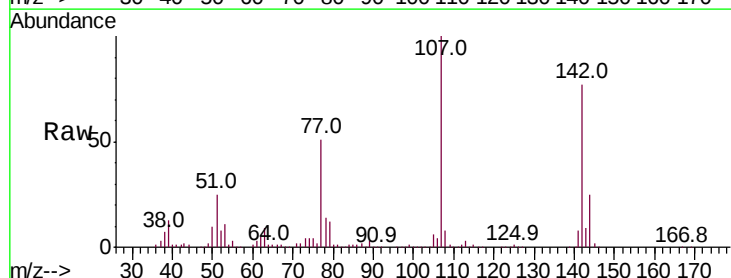


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

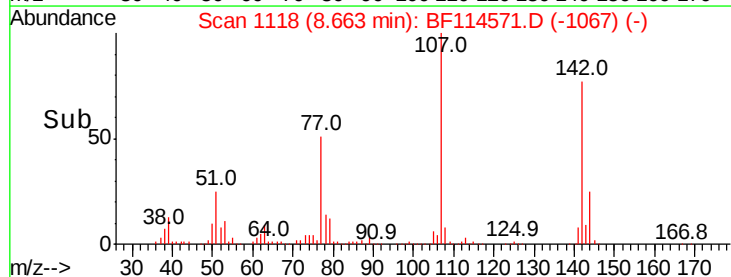
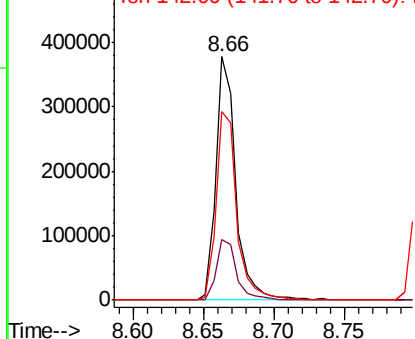


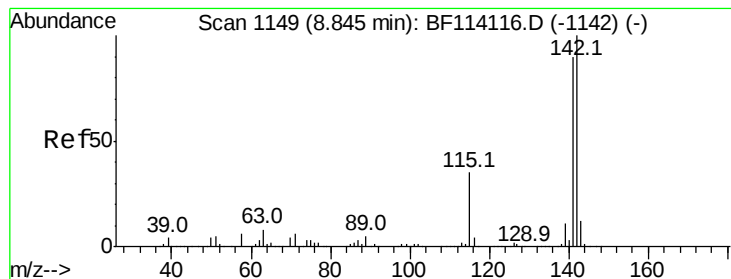
#36
4-Chloro-3-methylphenol
Concen: 42.518 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:107 Resp: 370526
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 77.3 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

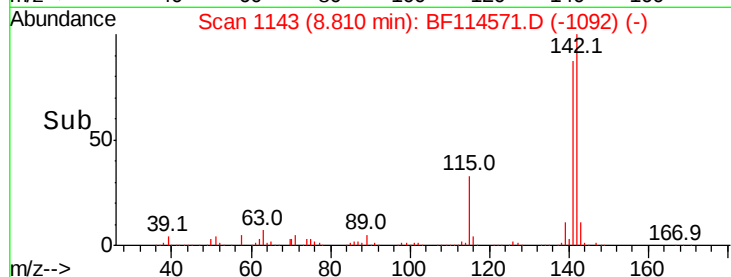
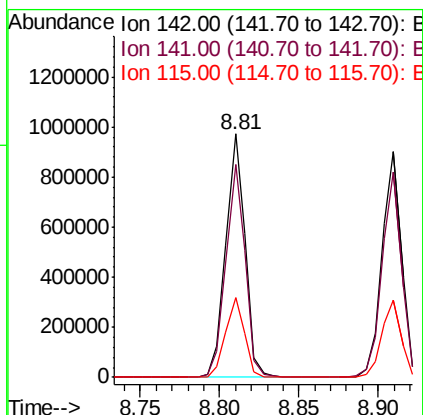
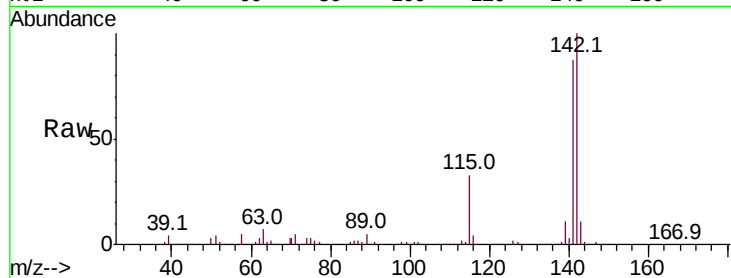




#37
2-Methylnaphthalene
Concen: 43.154 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

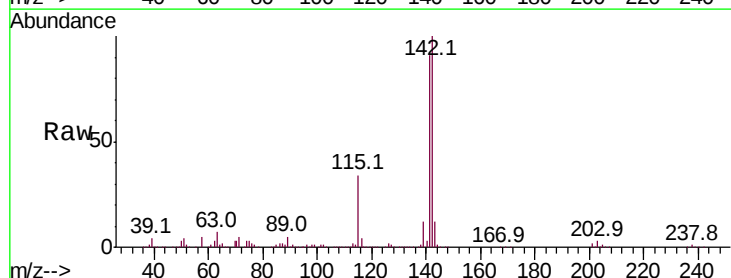
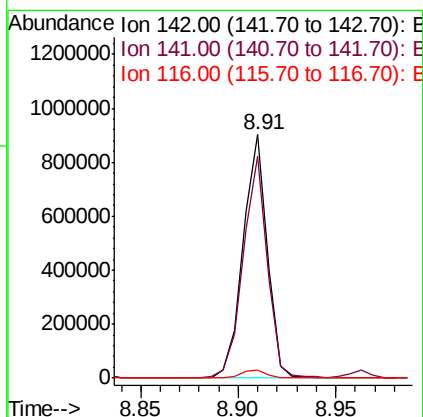
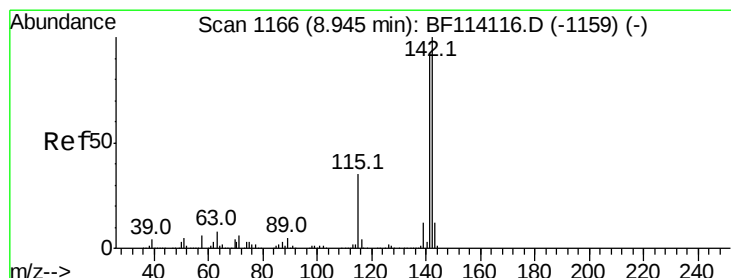
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

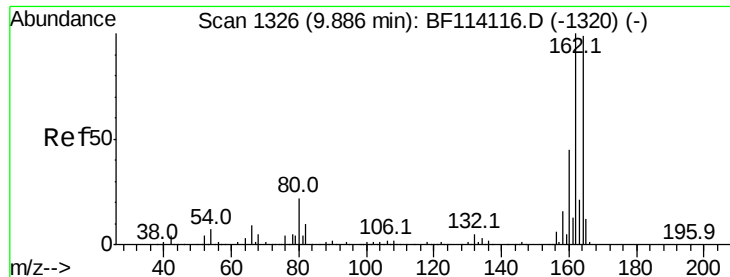
Tot Ion:142 Resp: 817671
Ion Ratio Lower Upper
142 100
141 87.4 72.1 108.1
115 32.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 43.147 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:142 Resp: 769899
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.0
116 3.6 3.1 4.7

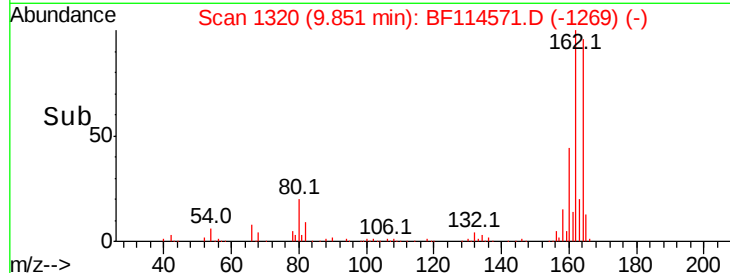
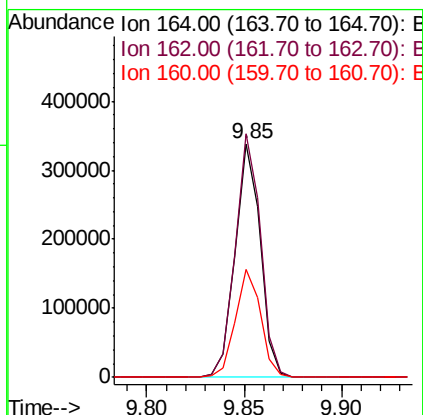
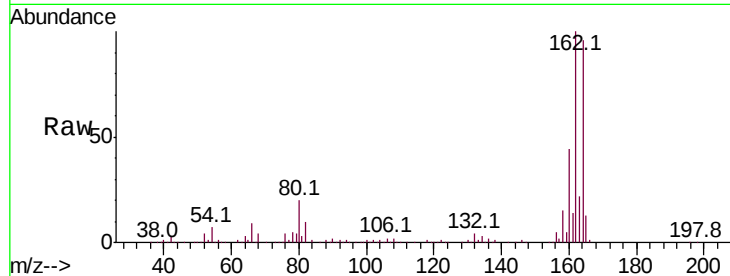




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

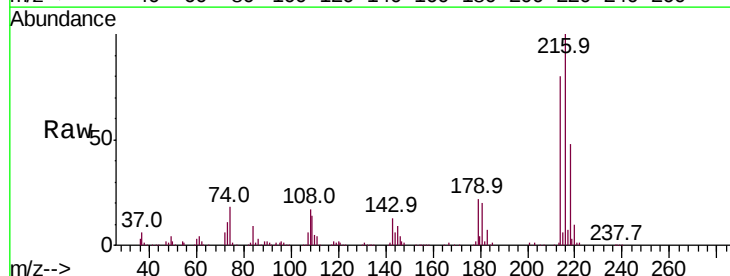
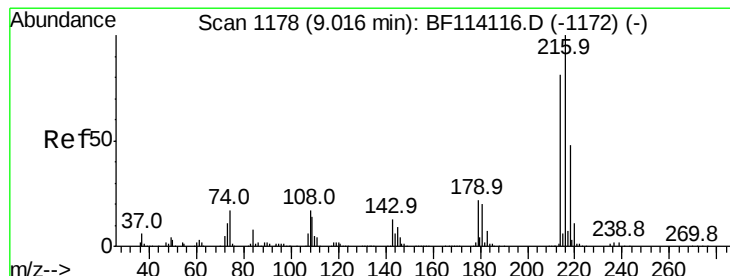
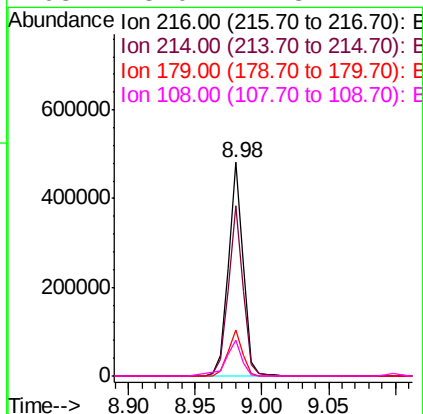
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

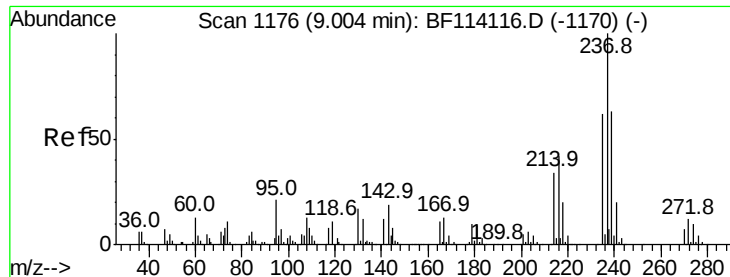
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.6	120.8
160	45.9	36.5	54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.306 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.9	95.9
179	21.1	17.0	25.6
108	18.0	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 38.198 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

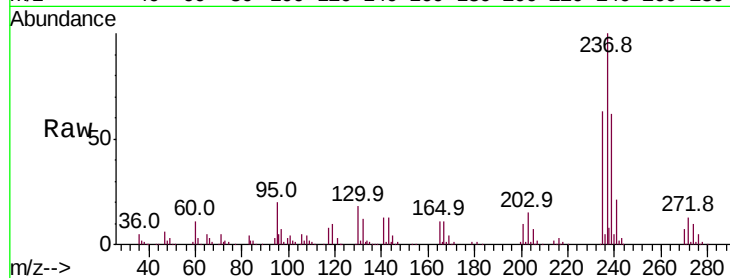
Tot Ion:237 Resp: 152841

Ion Ratio Lower Upper

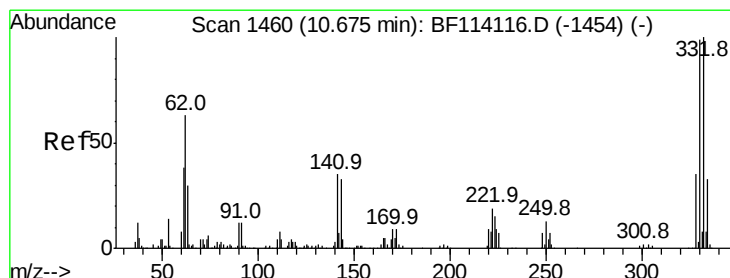
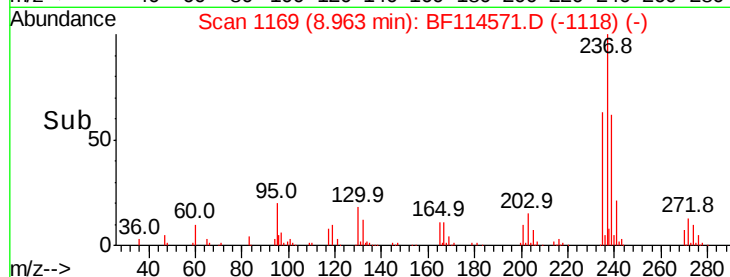
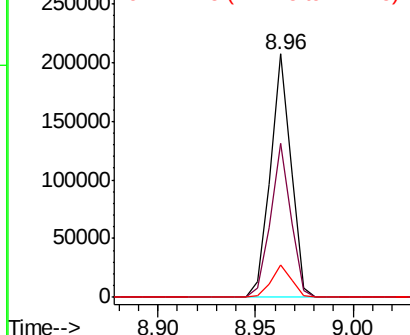
237 100

235 63.2 42.0 82.0

272 13.4 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: 76.419 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

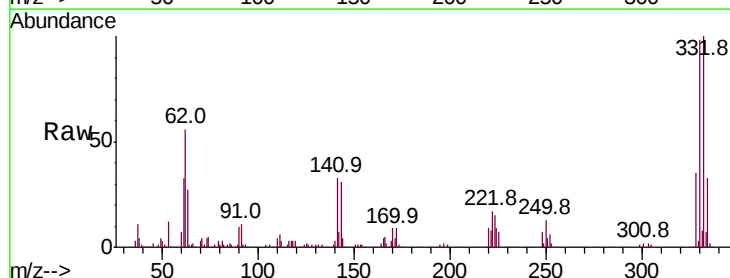
Tgt Ion:330 Resp: 238938

Ion Ratio Lower Upper

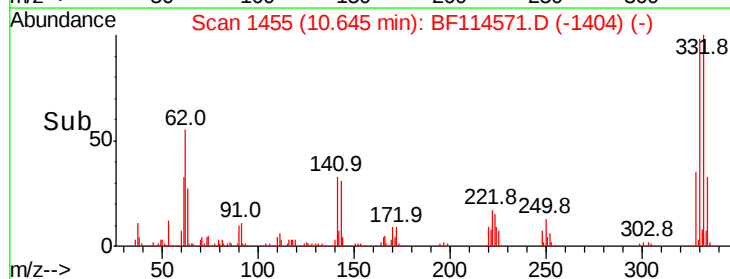
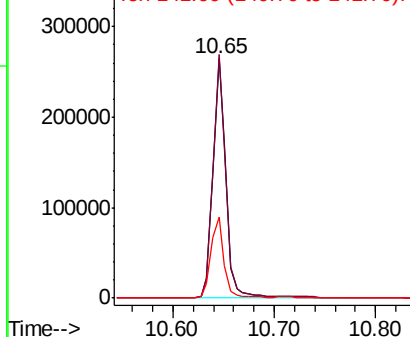
330 100

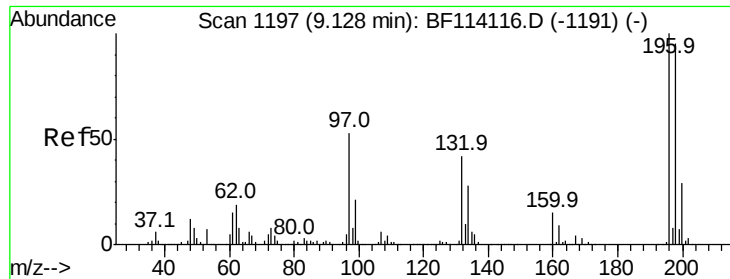
332 101.1 81.4 122.2

141 33.7 26.6 40.0



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

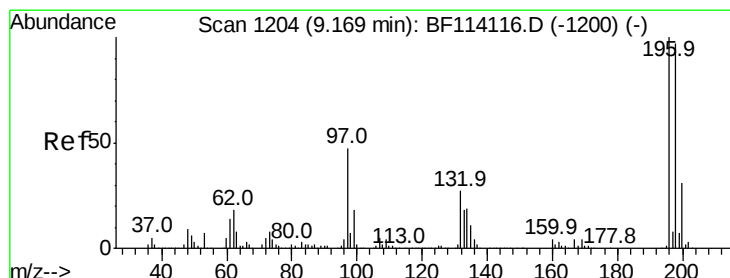
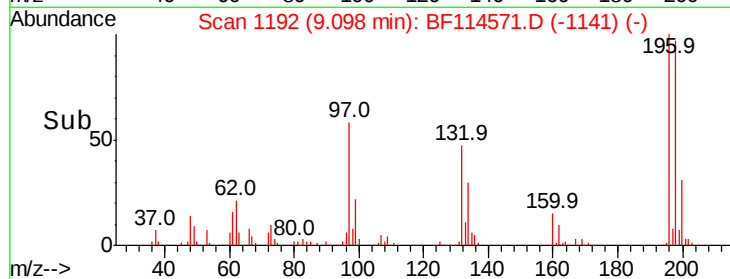
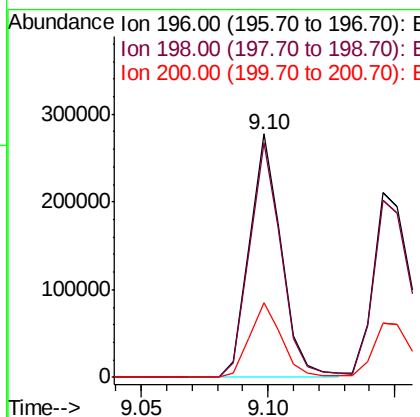
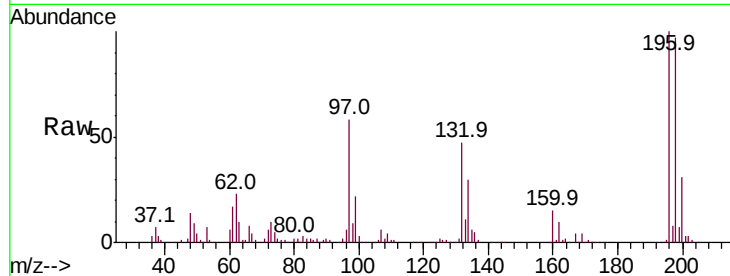




#43
 2,4,6-Trichlorophenol
 Concen: 38.600 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

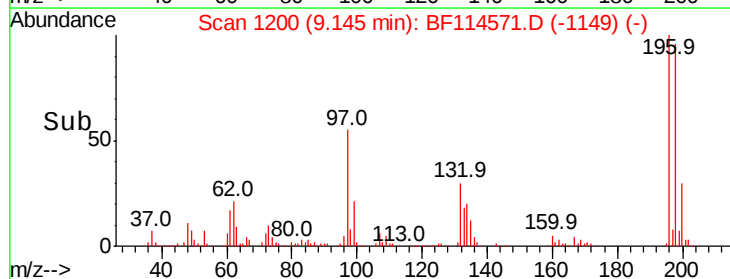
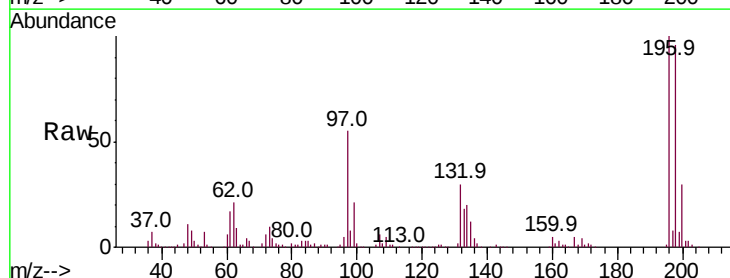
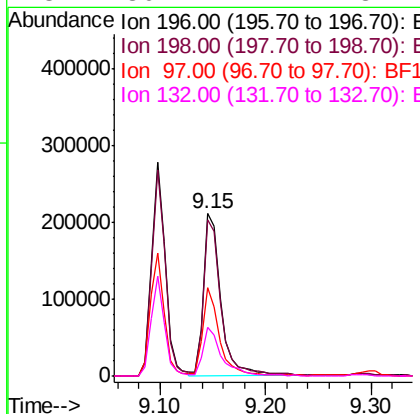
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

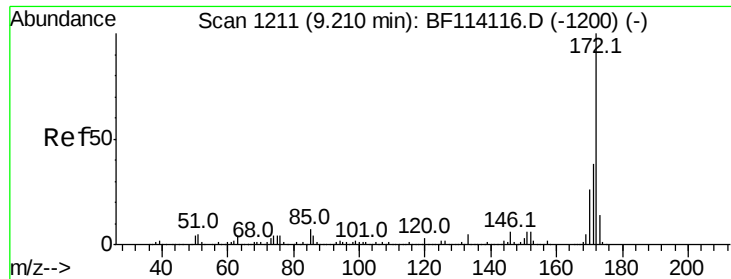
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.9	113.9
200	30.7	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 37.306 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.7	116.5
97	54.8	38.2	57.2
132	30.1	21.4	32.2

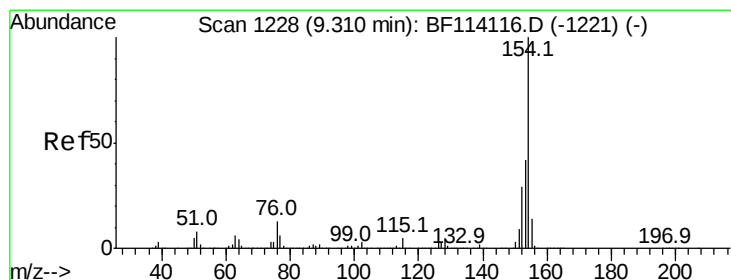
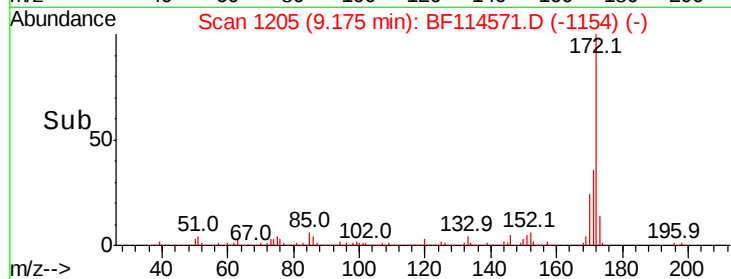
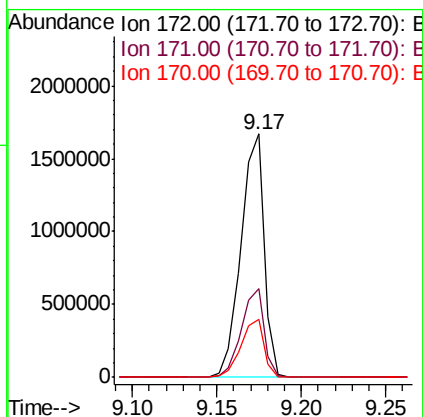
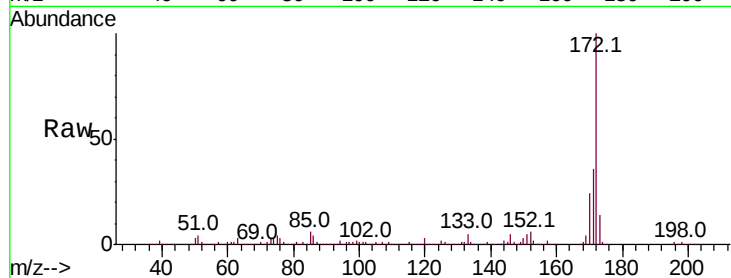




#45
2-Fluorobiphenyl
Concen: 80.234 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

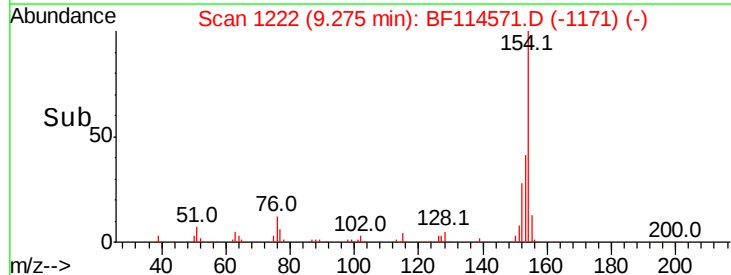
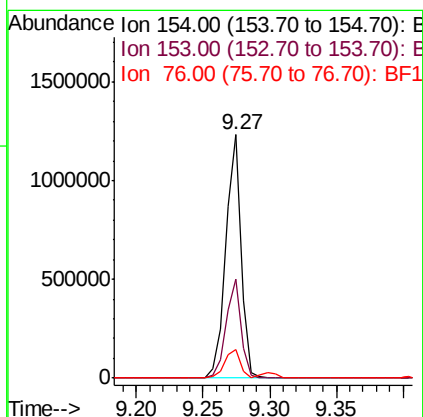
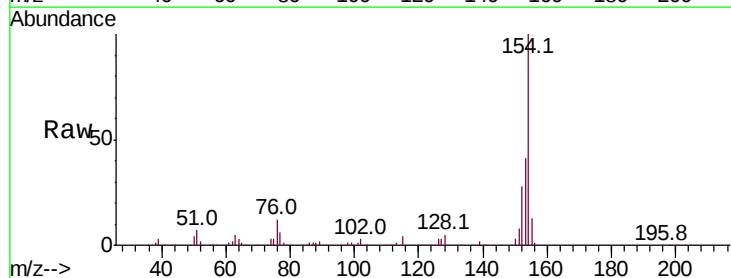
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

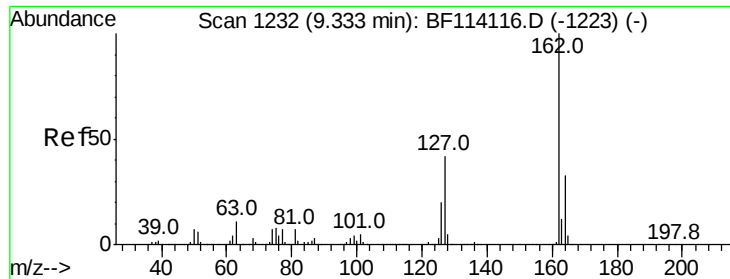
Tot Ion:172 Resp: 1604170
Ion Ratio Lower Upper
172 100
171 36.2 30.7 46.1
170 23.9 20.5 30.7



#46
1,1'-Biphenyl
Concen: 41.053 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:154 Resp: 1003049
Ion Ratio Lower Upper
154 100
153 40.6 21.9 61.9
76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.697 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

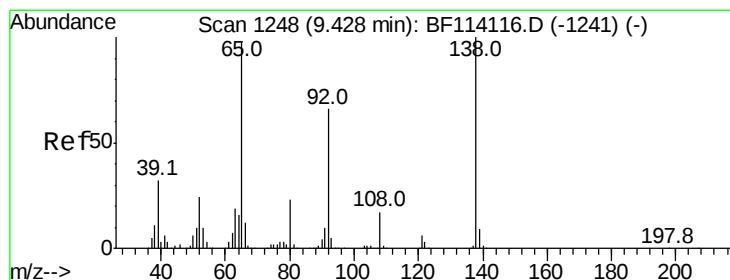
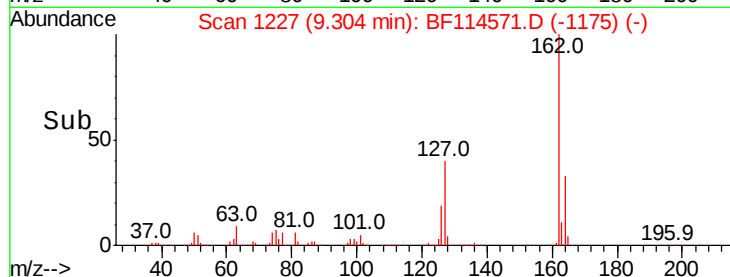
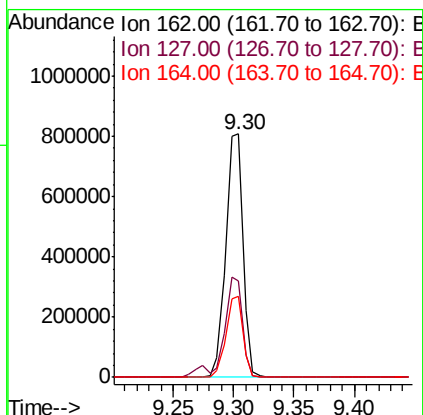
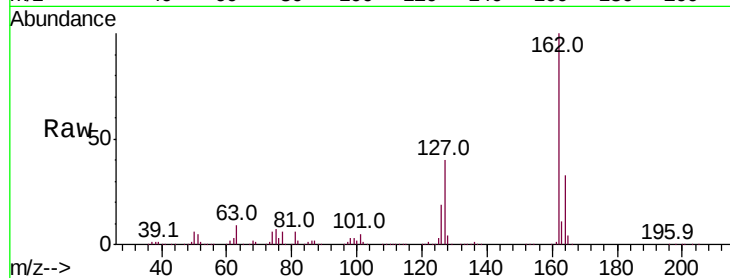
Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 800249

Ion	Ratio	Lower	Upper
162	100		
127	39.5	34.0	51.0
164	33.4	26.7	40.1



#48

2-Nitroaniline

Concen: 39.813 ng

RT: 9.40 min Scan# 1244

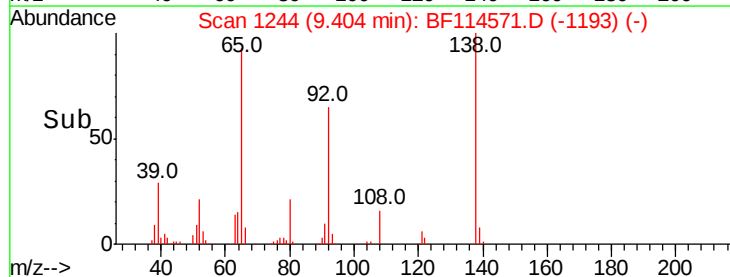
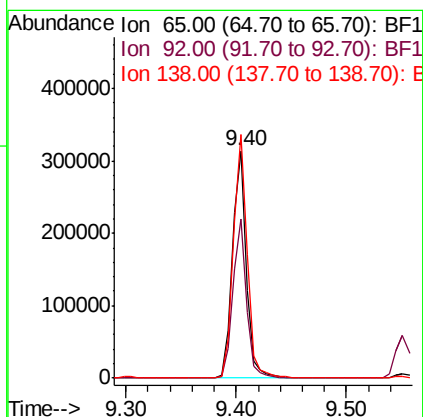
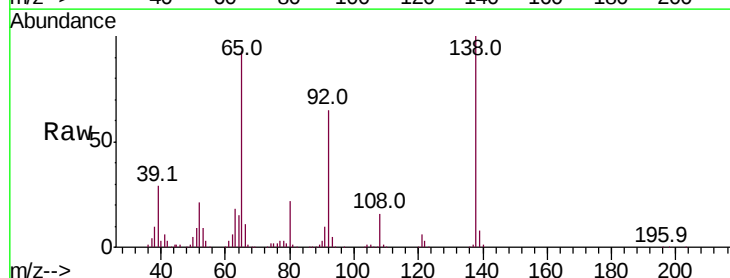
Delta R.T. -0.00 min

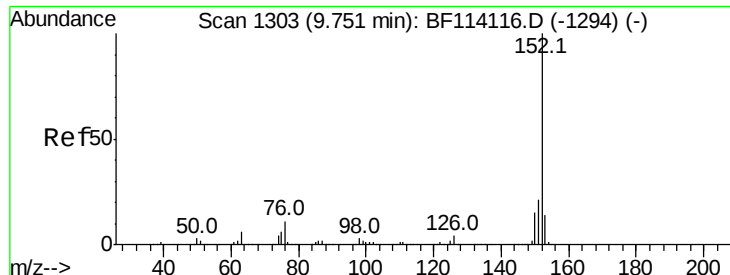
Lab File: BF114571.D

Acq: 24 May 2019 15:56

Tgt Ion: 65 Resp: 277640

Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.9	80.9
138	107.1	81.4	122.0





#49

Acenaphthylene

Concen: 40.419 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

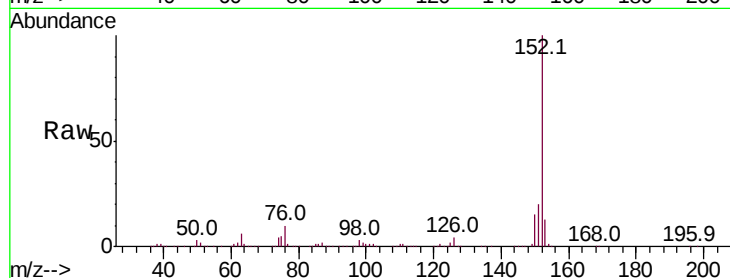
Tot Ion:152 Resp: 1208814

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

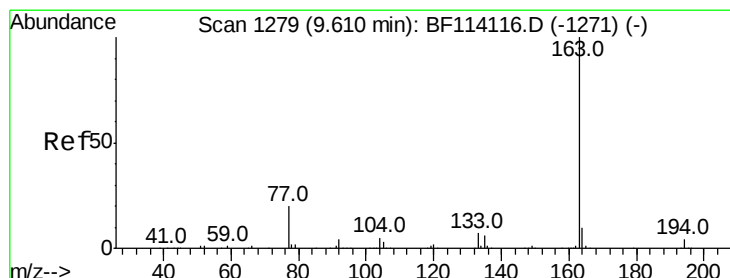
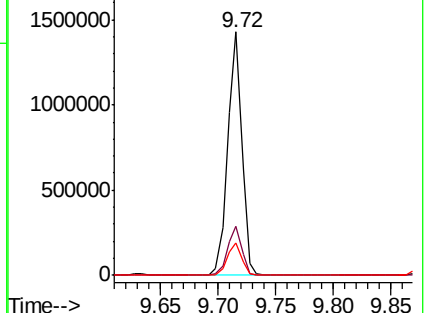
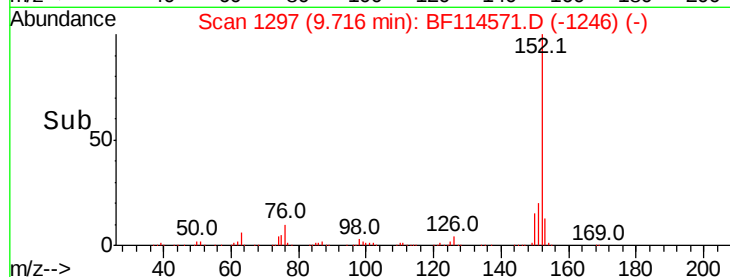
153 13.5 11.4 17.2



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: 40.722 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

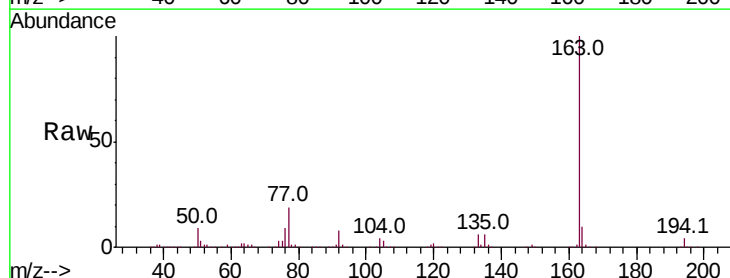
Tgt Ion:163 Resp: 904099

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

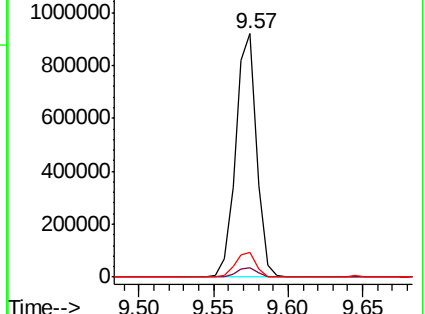
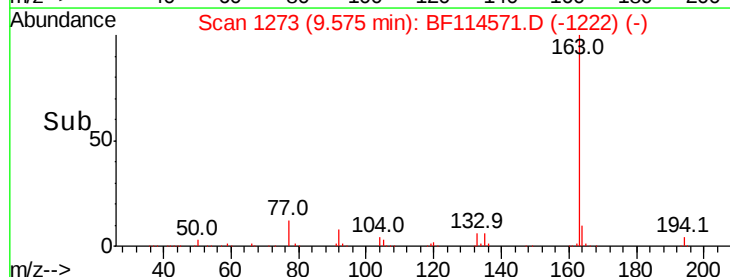
164 10.1 8.2 12.2

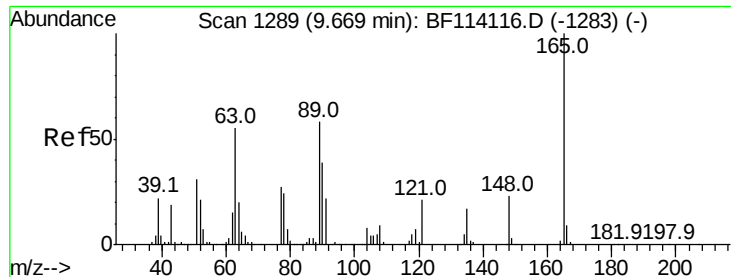


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.374 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

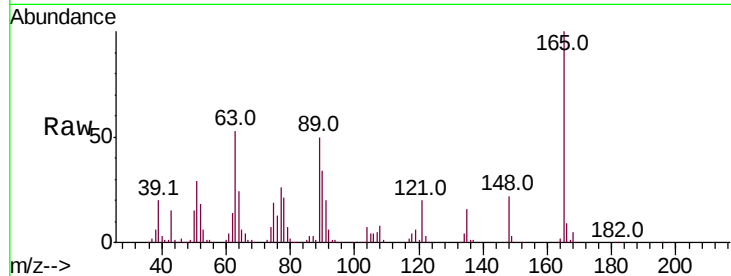
Tot Ion:165 Resp: 198815

Ion Ratio Lower Upper

165 100

63 53.0 50.2 75.4

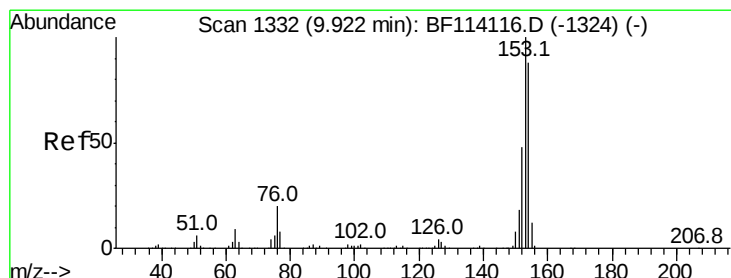
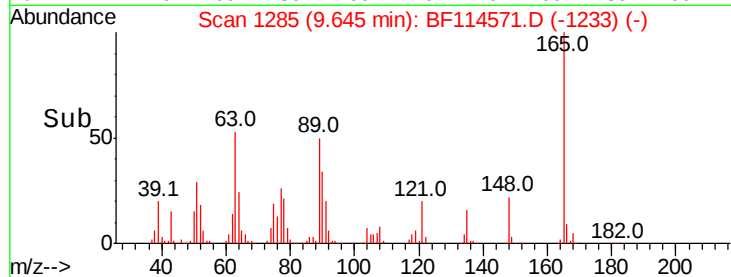
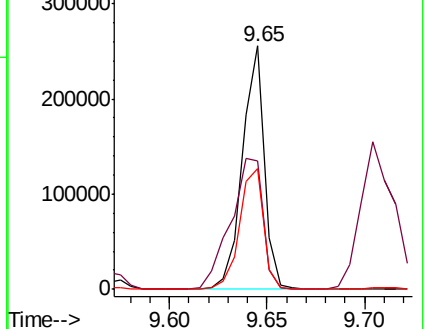
89 49.8 46.6 69.8



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: 39.840 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

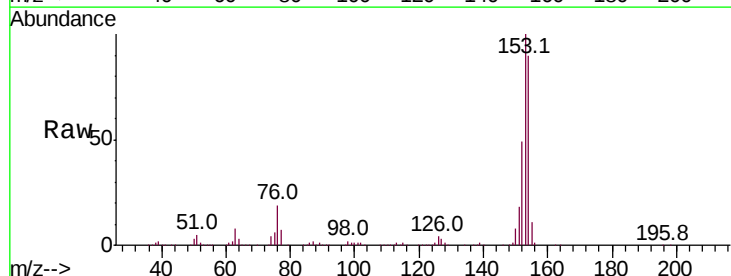
Tgt Ion:154 Resp: 731141

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

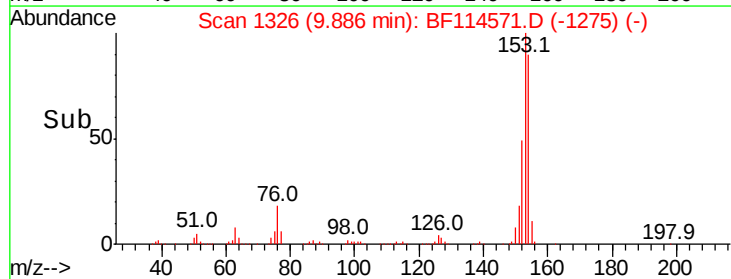
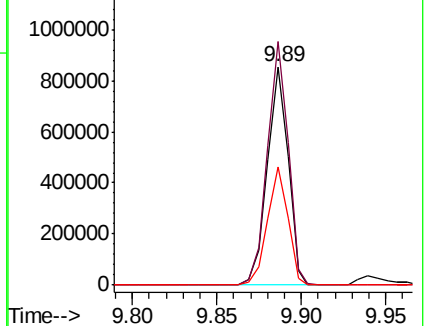
152 54.2 43.4 65.2

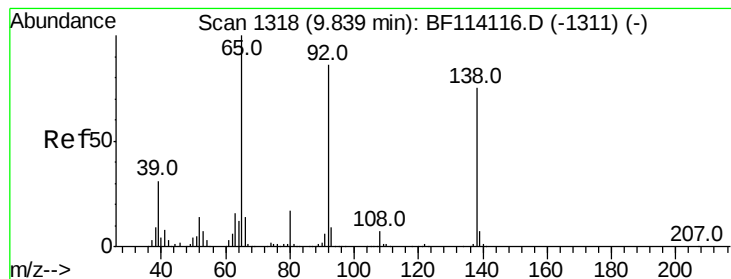


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 39.573 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

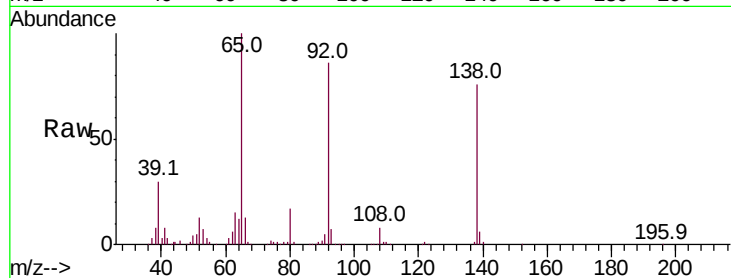
Tot Ion:138 Resp: 241905

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

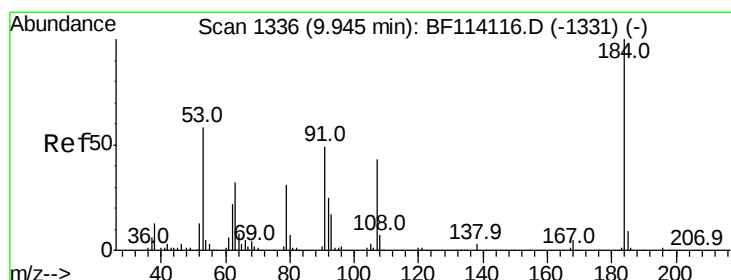
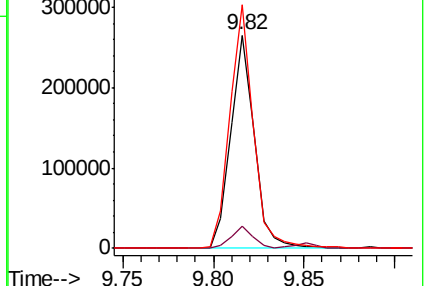
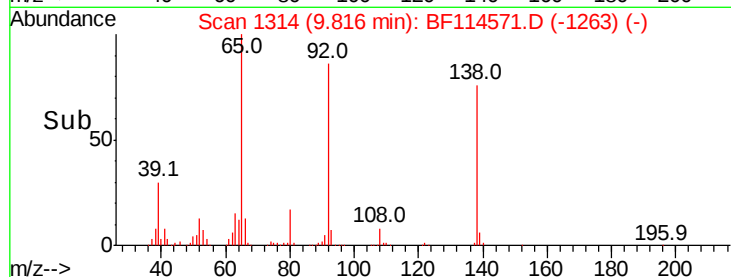
92 114.1 91.2 136.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 40.816 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

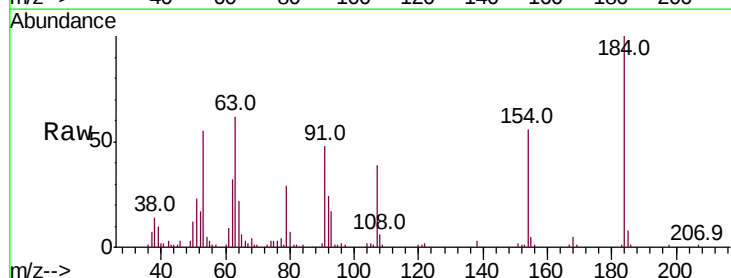
Tgt Ion:184 Resp: 92132

Ion Ratio Lower Upper

184 100

63 61.7 55.6 83.4

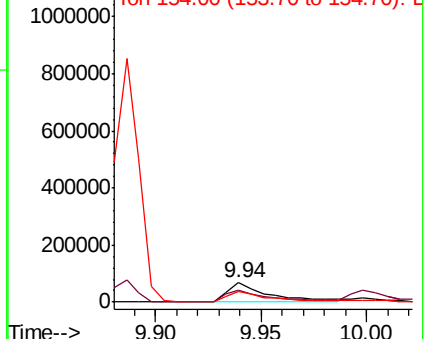
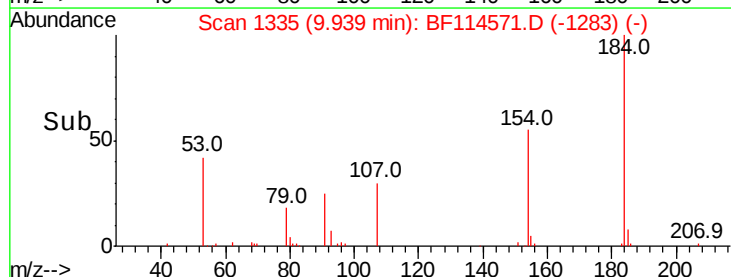
154 56.2 46.0 69.0

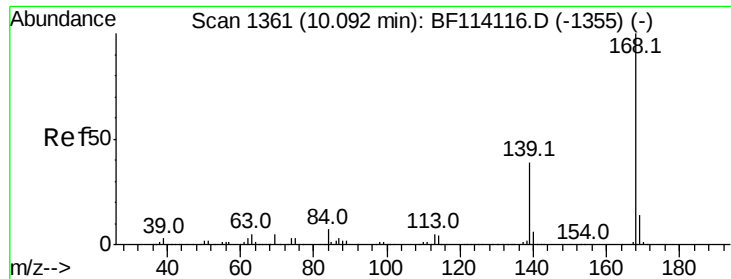


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

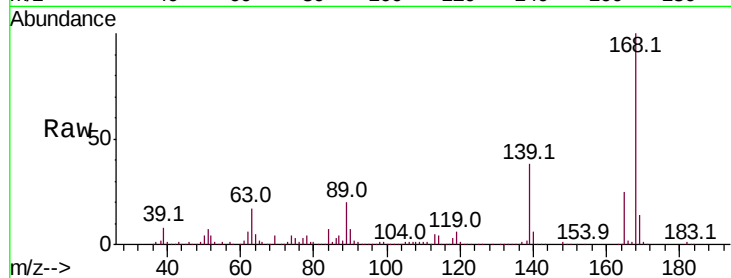




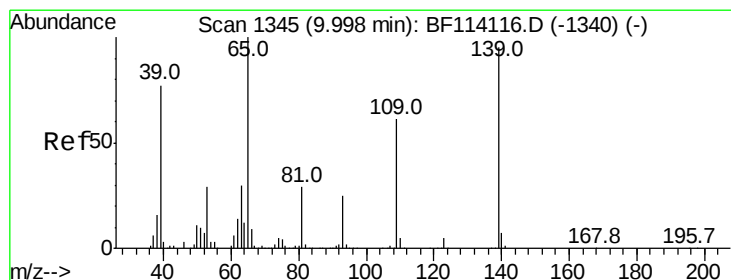
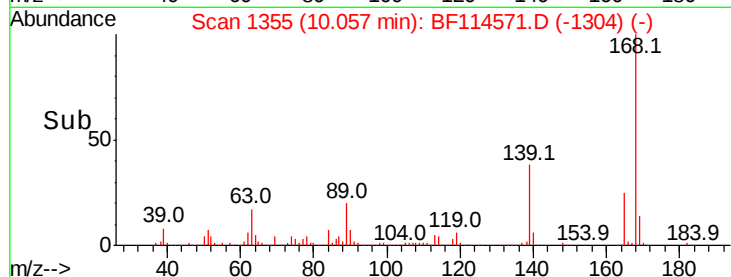
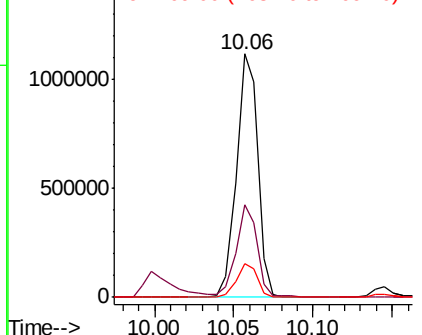
#55
Dibenzofuran
Concen: 38.551 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 1037421
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.8 11.4 17.0

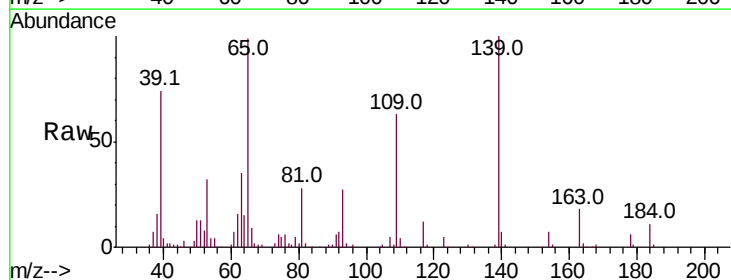


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

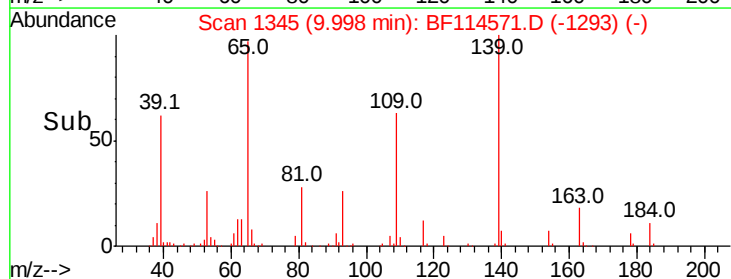
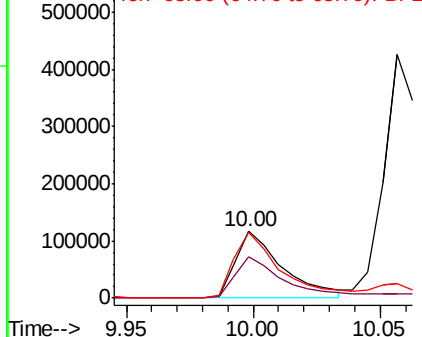


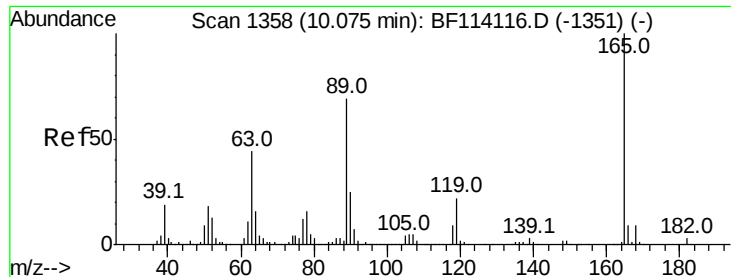
#56
4-Nitrophenol
Concen: 34.230 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:139 Resp: 147972
Ion Ratio Lower Upper
139 100
109 62.8 43.9 83.9
65 98.7 85.7 125.7



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

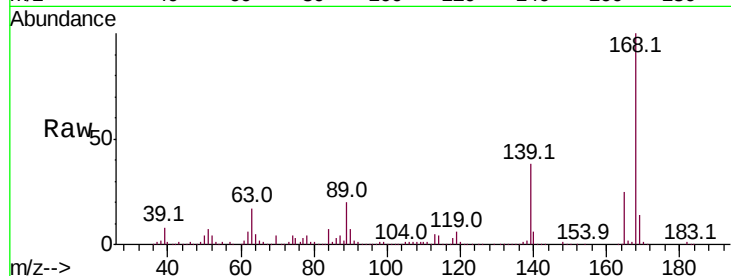




#57
 2,4-Dinitrotoluene
 Concen: 37.313 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.2	35.5	53.3#
89	80.4	55.2	82.8
182	2.6	2.2	3.2



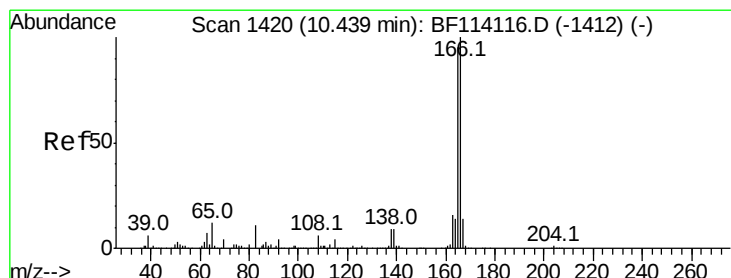
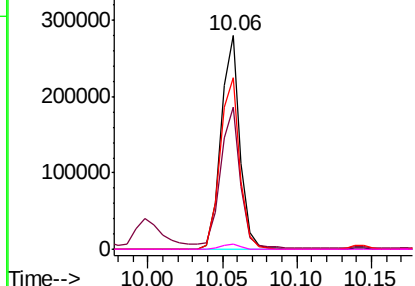
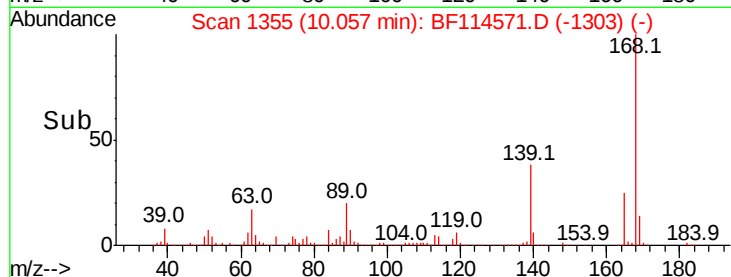
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

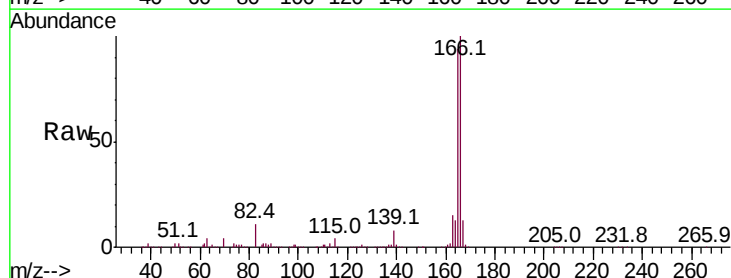
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.544 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	76.1	114.1
167	13.3	11.1	16.7

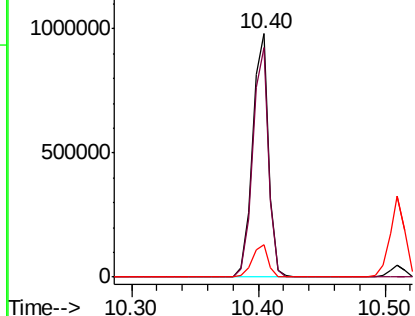
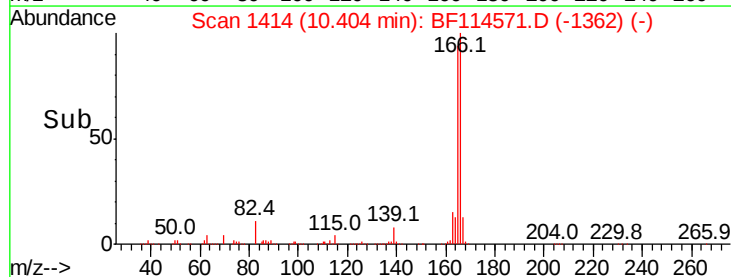


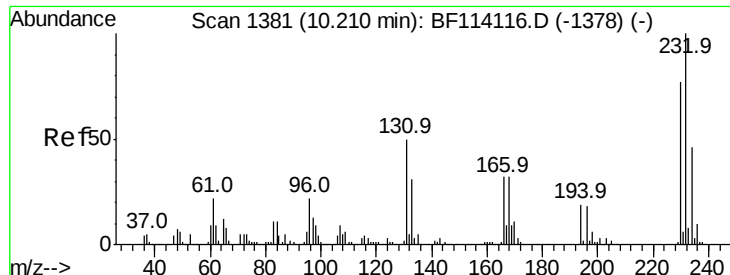
Abundance

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

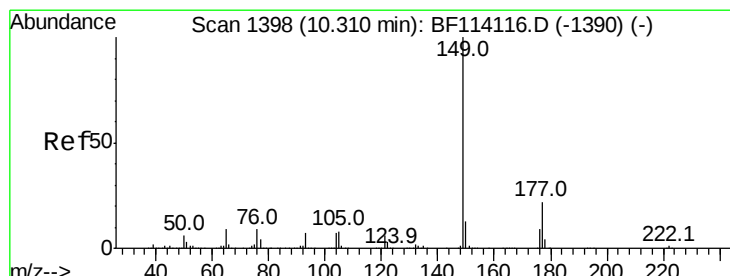
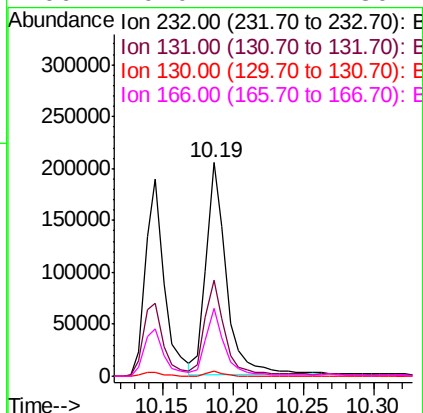
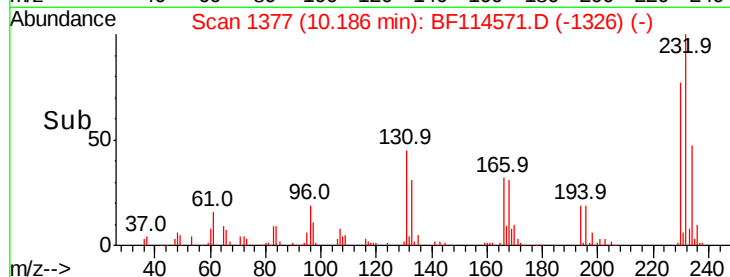
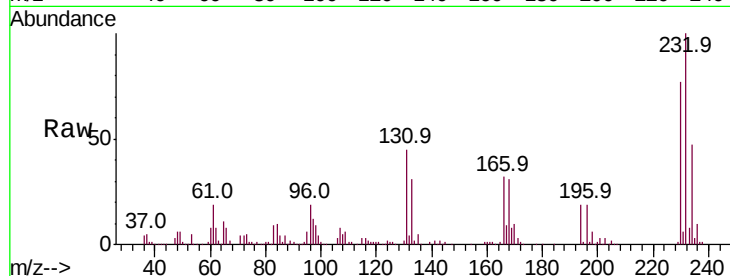




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.929 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

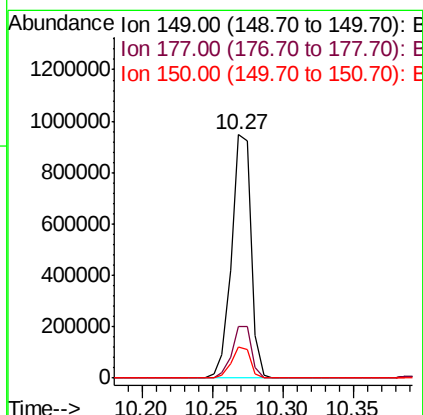
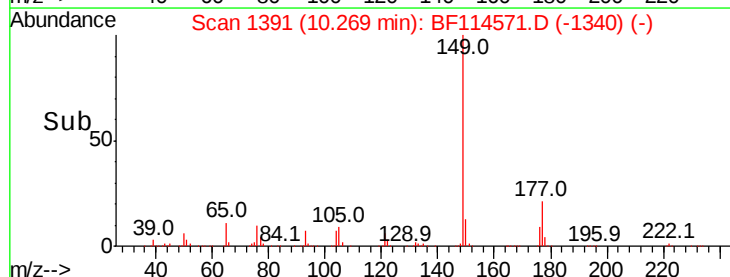
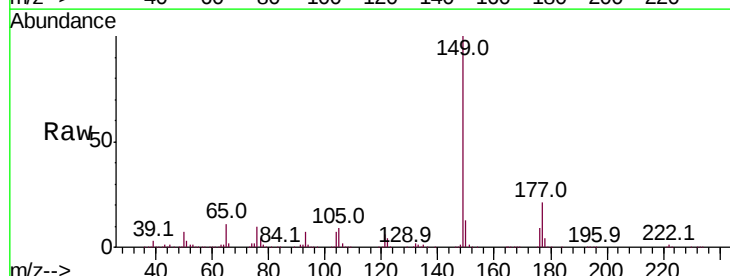
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

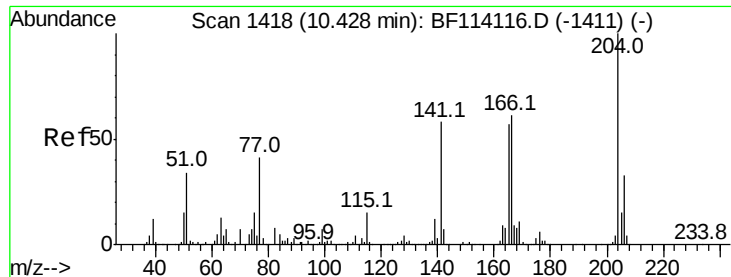
Tot Ion:	232	Resp:	205922
Ion	Ratio	Lower	Upper
232	100		
131	45.9	35.6	53.4
130	2.2	1.6	2.4
166	29.0	24.1	36.1



#60
 Diethylphthalate
 Concen: 40.432 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion:	149	Resp:	912080
Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.6
150	12.9	10.2	15.2

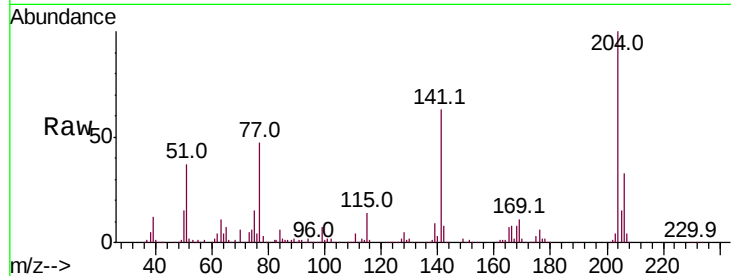




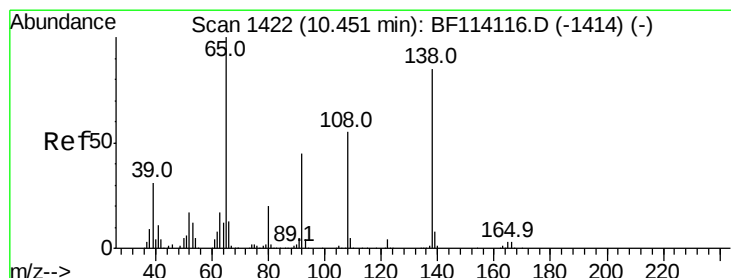
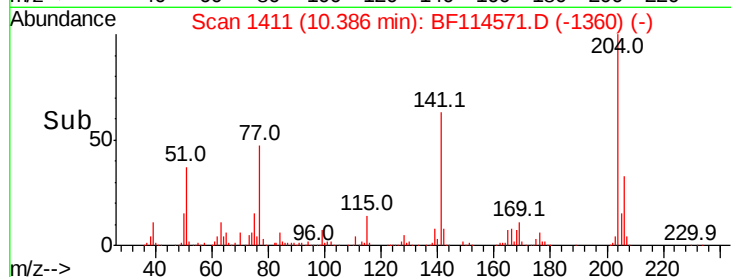
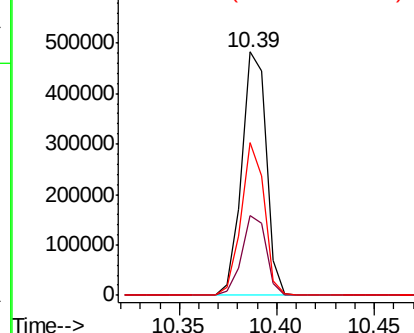
#61
 4-Chlorophenyl-phenylether
 Concen: 41.432 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:204 Resp: 422982
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.6 39.8
 141 62.6 46.4 69.6

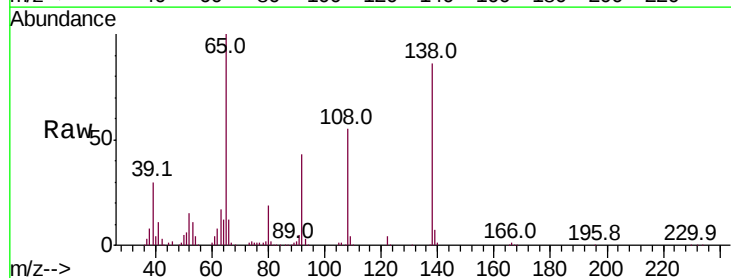


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

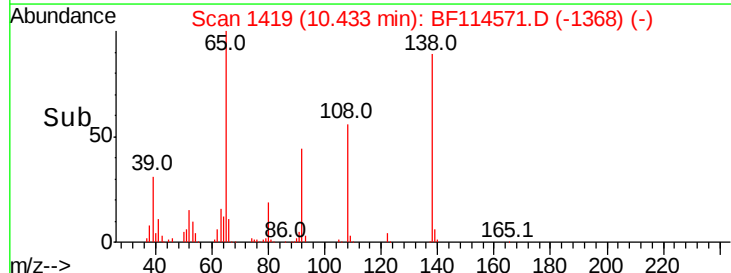
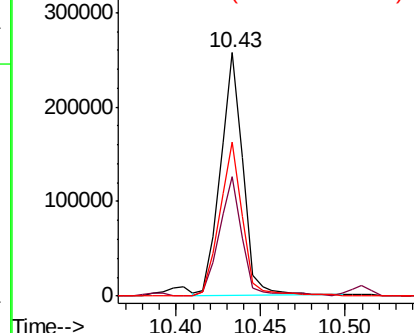


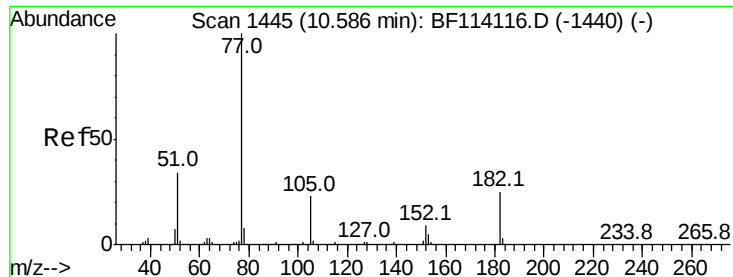
#62
 4-Nitroaniline
 Concen: 37.376 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion:138 Resp: 240080
 Ion Ratio Lower Upper
 138 100
 92 49.3 33.0 73.0
 108 63.4 44.9 84.9



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





#63

Azobenzene

Concen: 39.204 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 856031

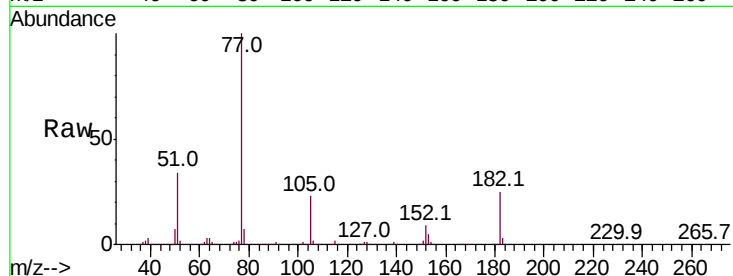
Ion Ratio Lower Upper

77 100

182 25.3 4.7 44.7

105 22.8 2.9 42.9

51 34.2 14.6 54.6

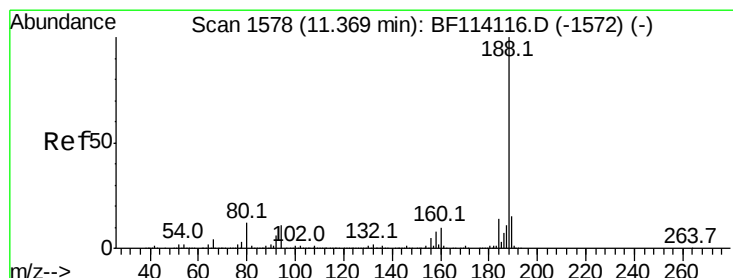
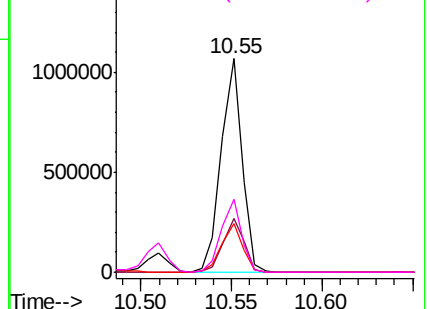
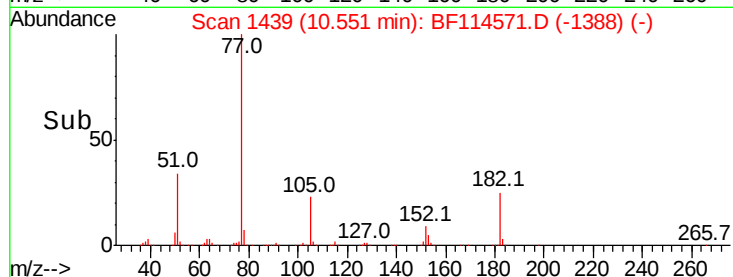


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114571.D

Acq: 24 May 2019 15:56

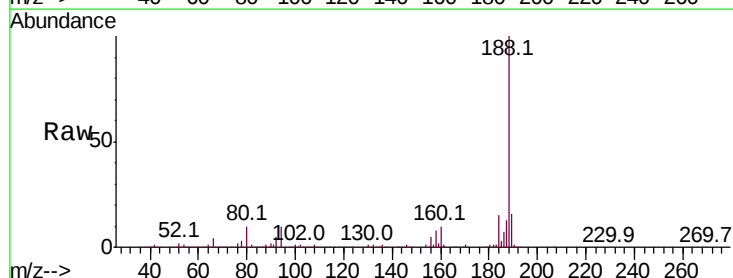
Tgt Ion: 188 Resp: 600441

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

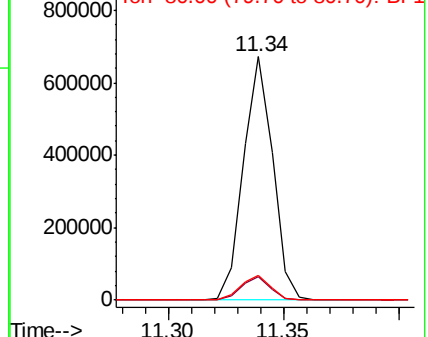
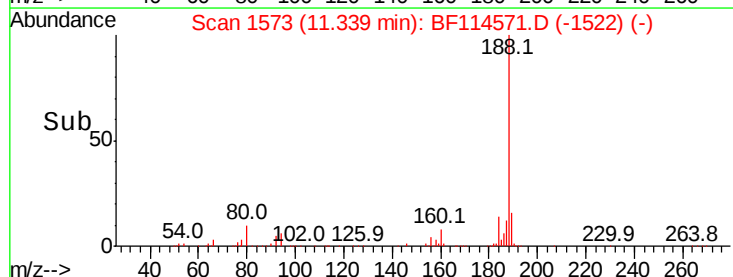
80 10.2 9.2 13.8

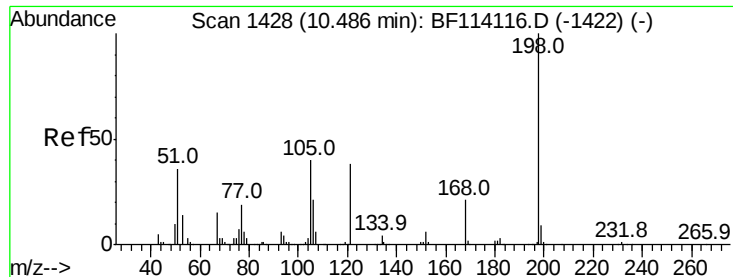


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

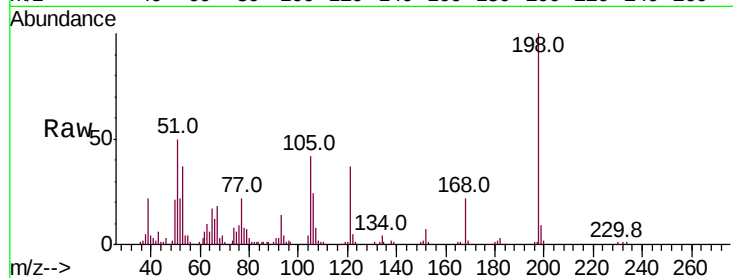




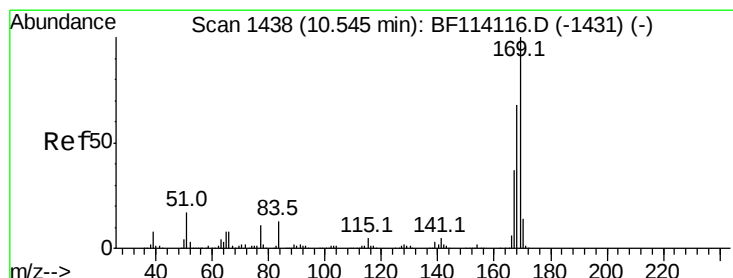
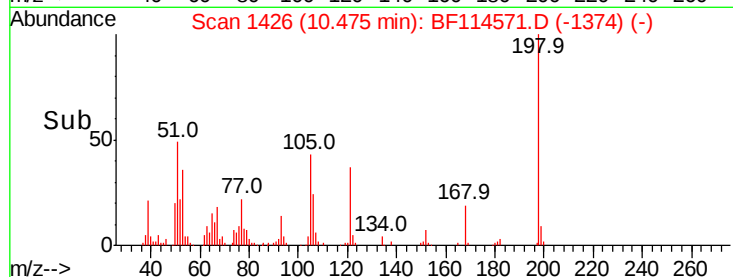
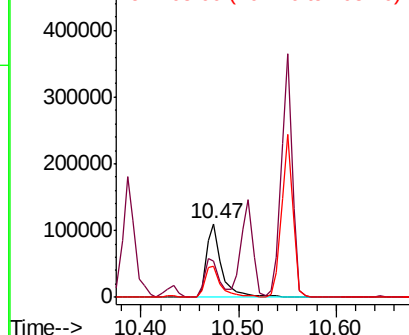
#65
4,6-Dinitro-2-methylphenol
Concen: 41.778 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:198 Resp: 120537
Ion Ratio Lower Upper
198 100
51 49.6 28.0 68.0
105 42.5 21.1 61.1

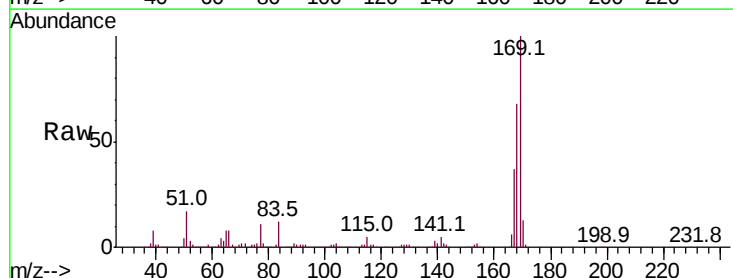


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

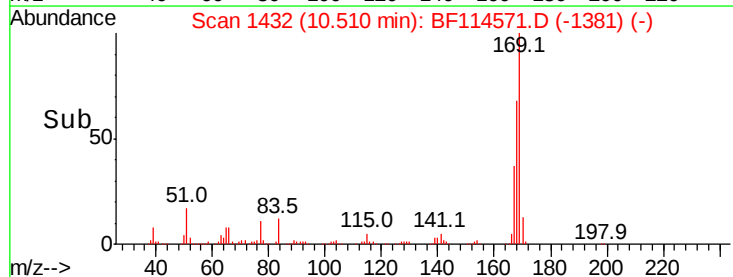
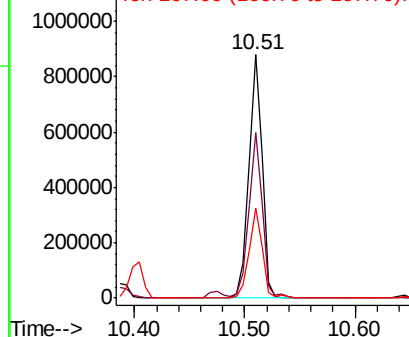


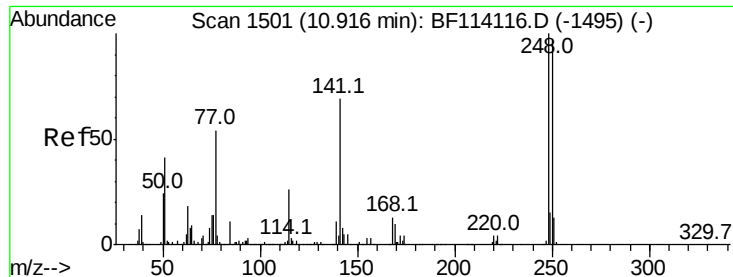
#66
n-Nitrosodiphenylamine
Concen: 41.054 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:169 Resp: 748144
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.2
167 37.1 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

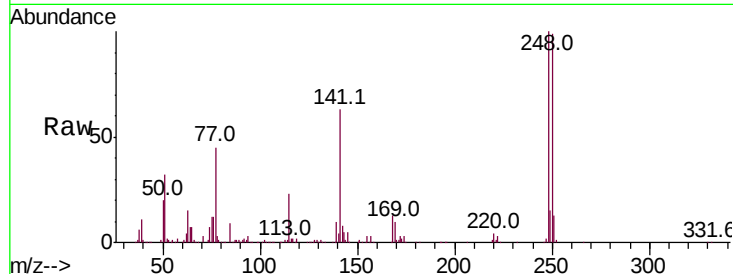




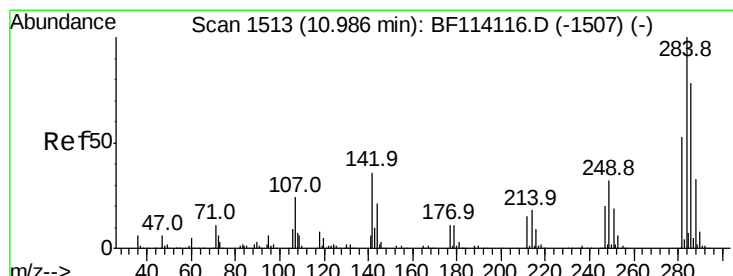
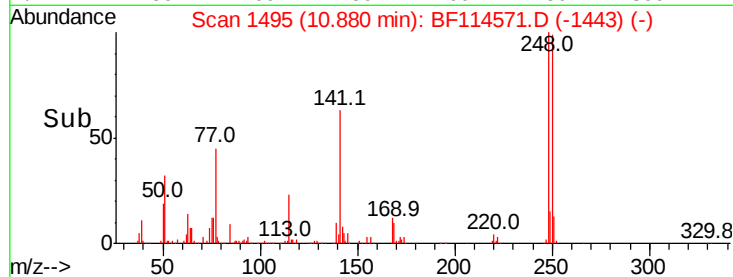
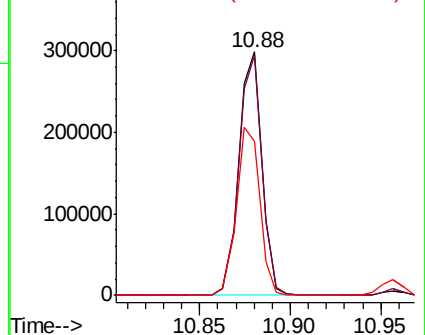
#67
4-Bromophenyl-phenylether
Concen: 40.058 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.4	116.2
141	63.2	55.6	83.4

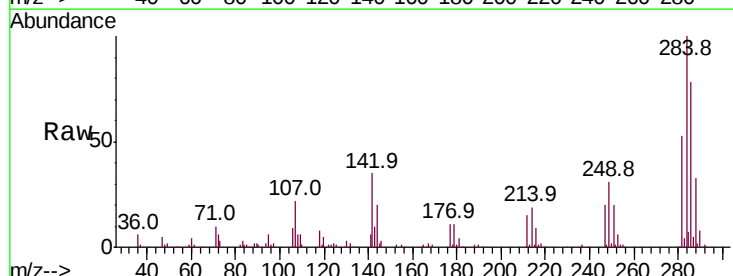


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

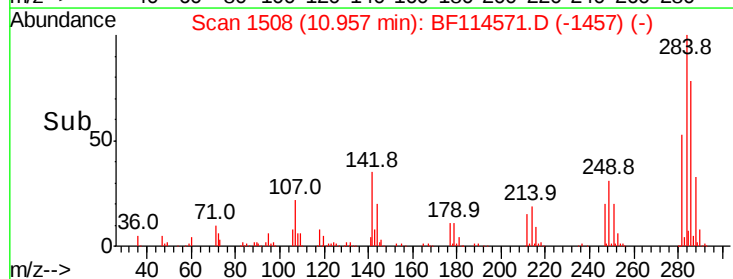
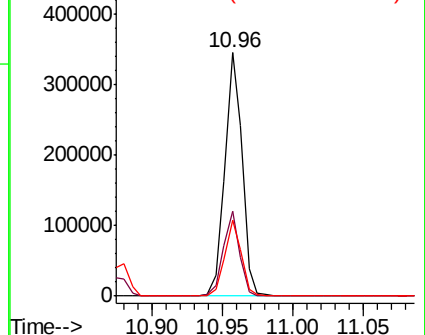


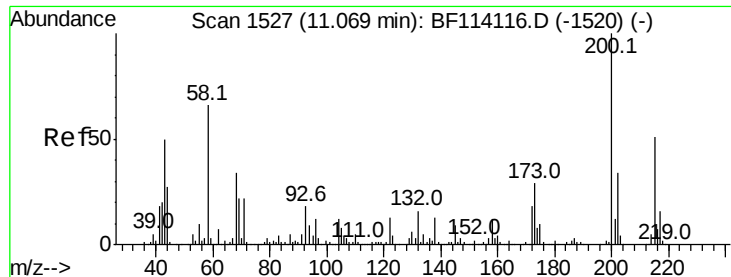
#68
Hexachlorobenzene
Concen: 39.996 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.4	42.6
249	31.1	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

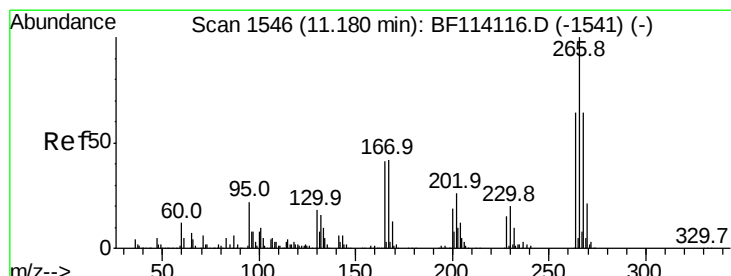
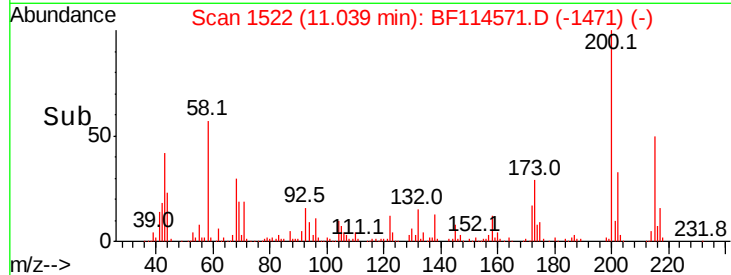
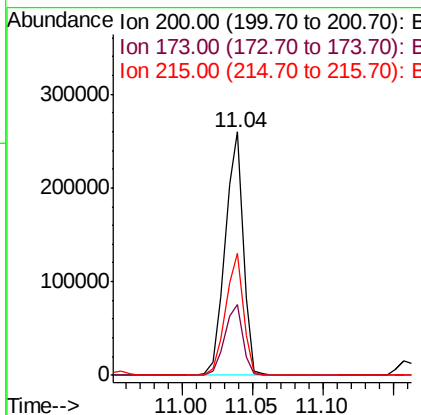
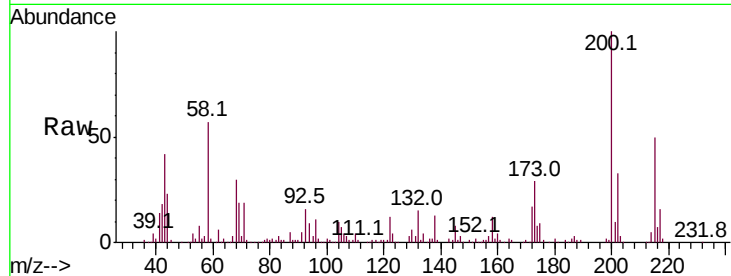




#69
Atrazine
Concen: 40.802 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

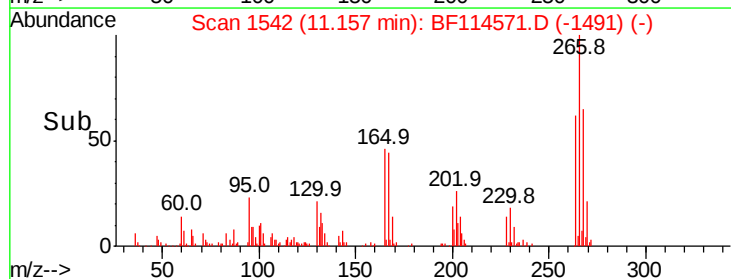
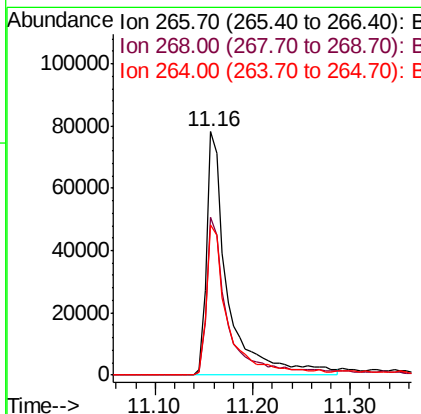
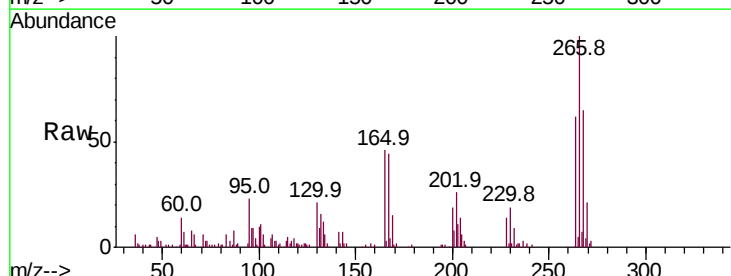
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

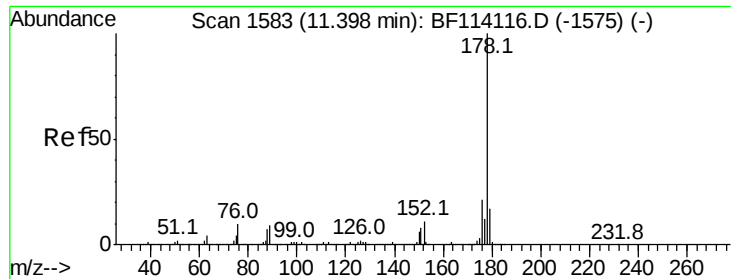
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	8.9	48.9
215	50.0	30.7	70.7



#70
Pentachlorophenol
Concen: 34.151 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	61.7	51.1	76.7

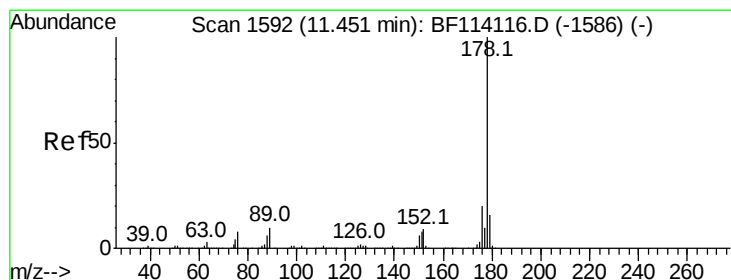
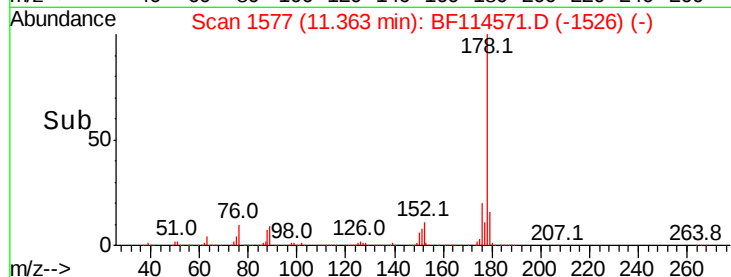
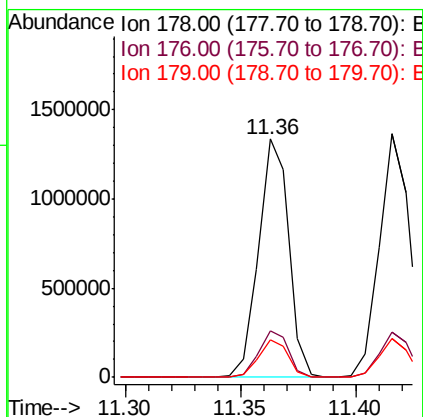
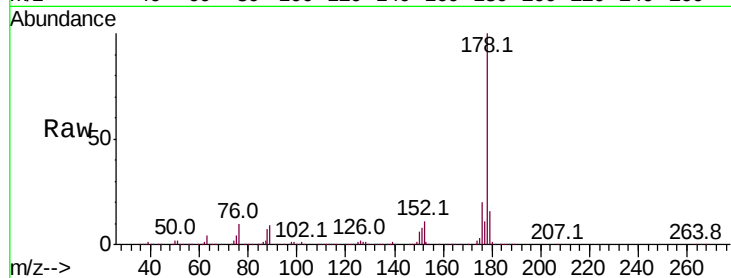




#71
Phenanthrene
Concen: 41.922 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

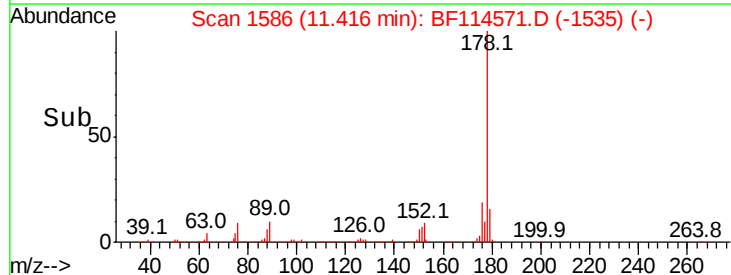
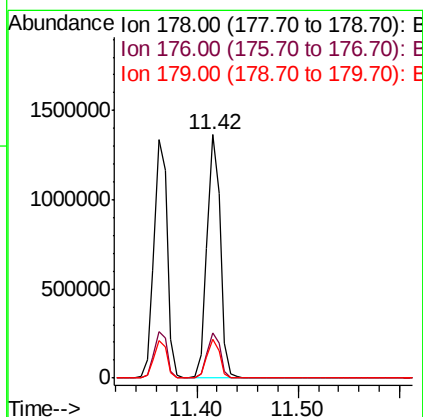
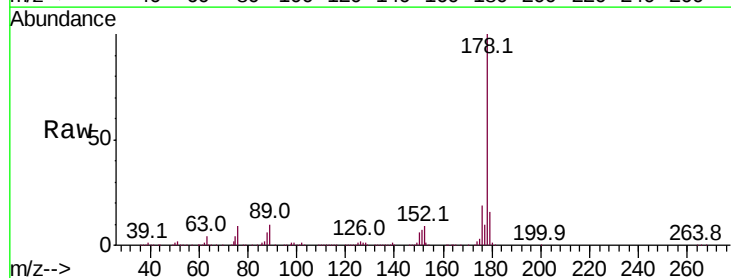
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

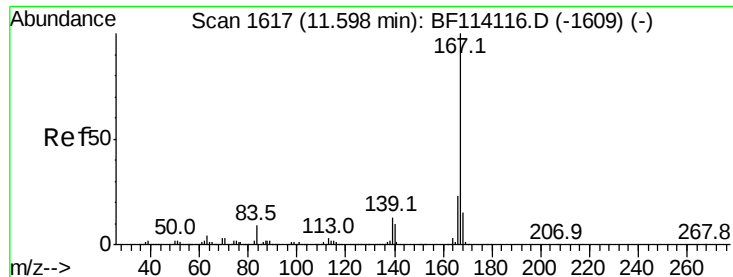
Tot Ion:178 Resp: 1224637
Ion Ratio Lower Upper
178 100
176 19.5 16.4 24.6
179 15.7 13.2 19.8



#72
Anthracene
Concen: 42.465 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:178 Resp: 1245969
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.8
179 16.0 13.0 19.4

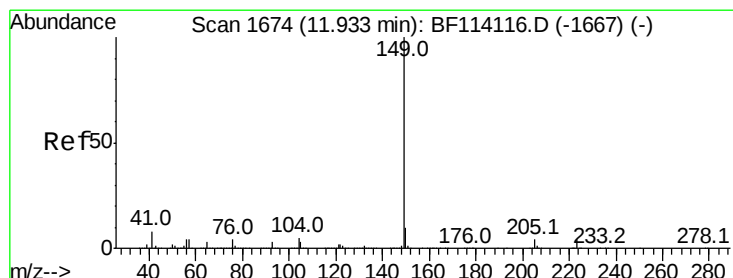
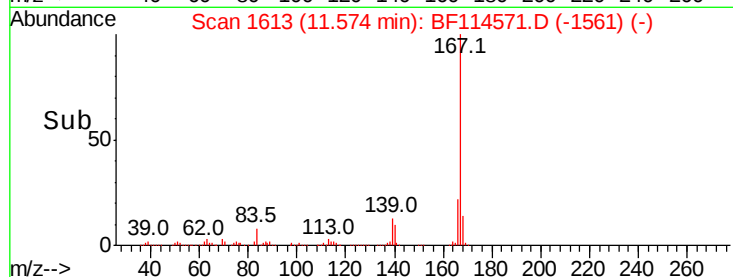
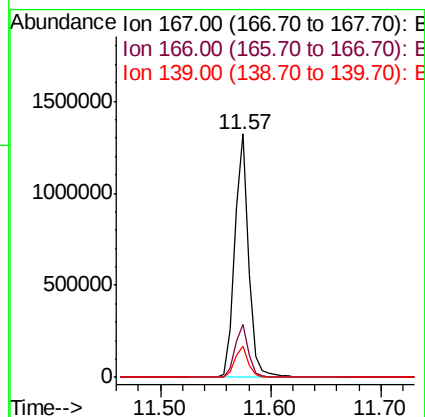
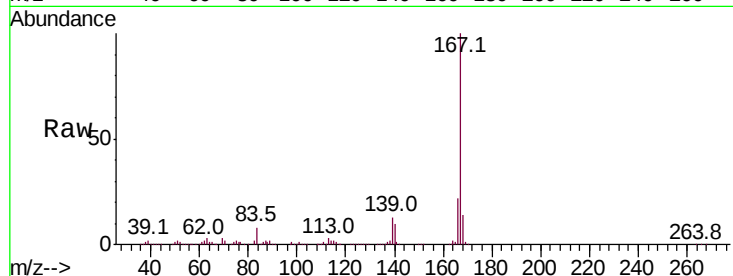




#73
 Carbazole
 Concen: 41.696 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

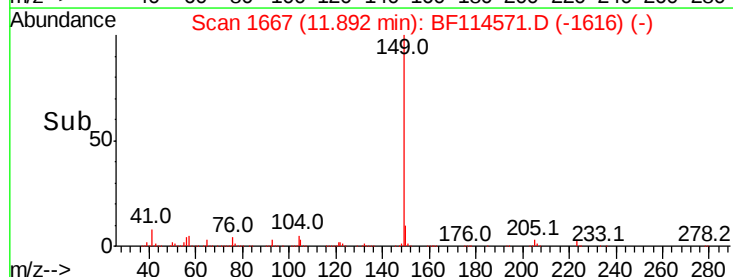
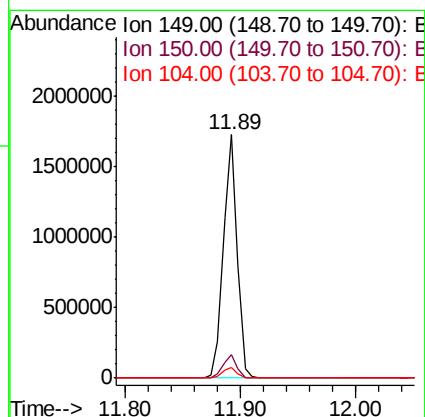
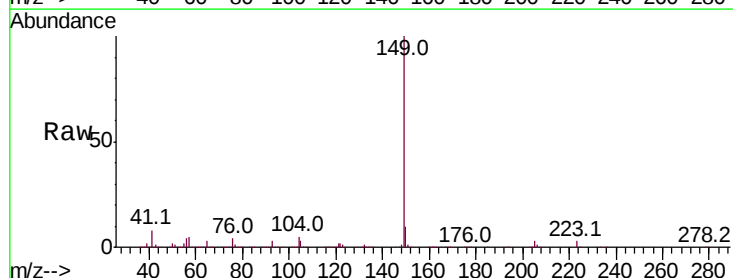
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

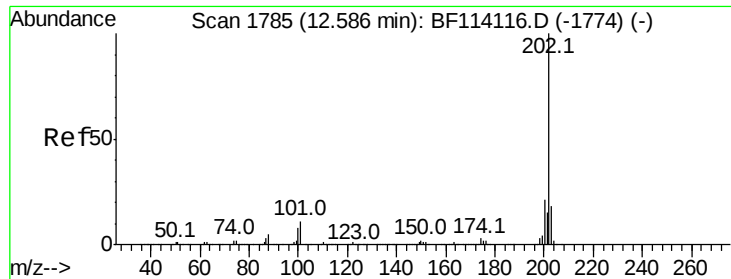
Tot Ion:167 Resp: 1166624
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 12.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.253 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion:149 Resp: 1426473
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 41.317 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

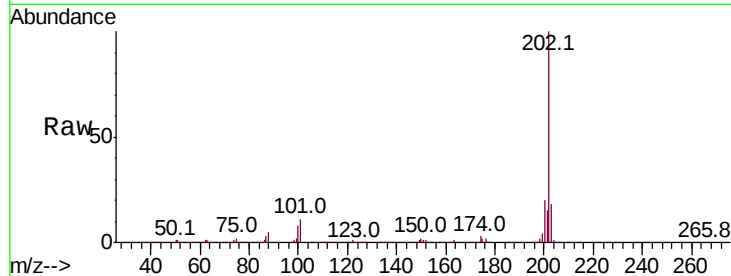
Tot Ion:202 Resp: 1299744

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

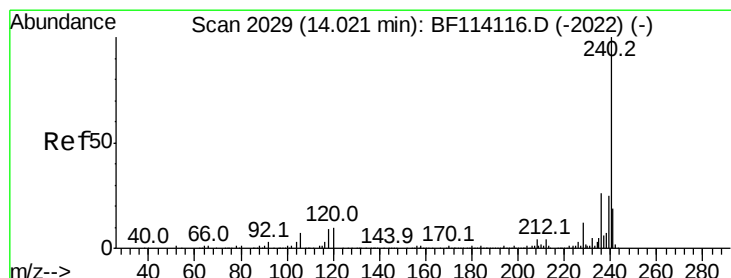
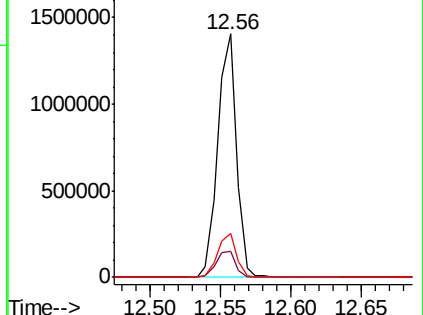
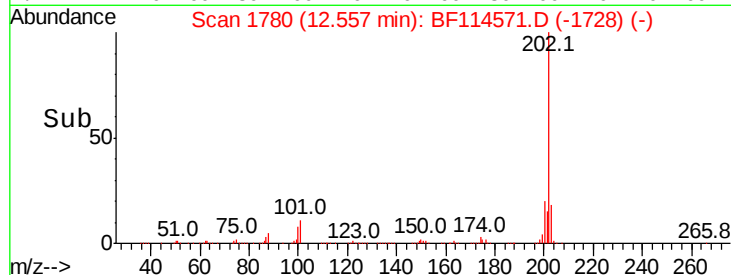
203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

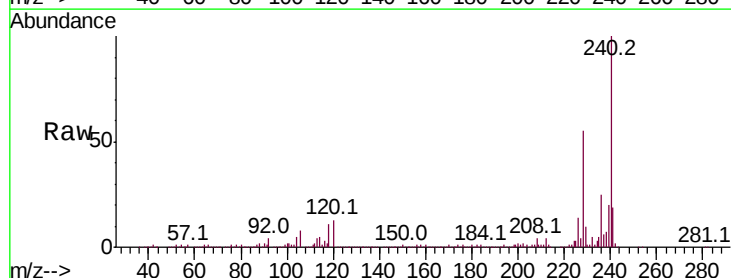
Tgt Ion:240 Resp: 380630

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

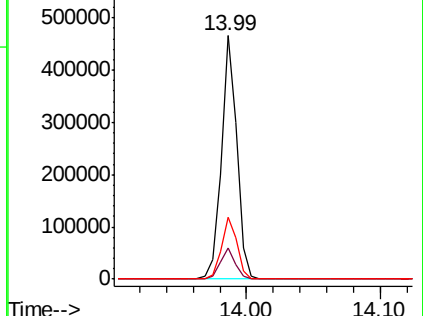
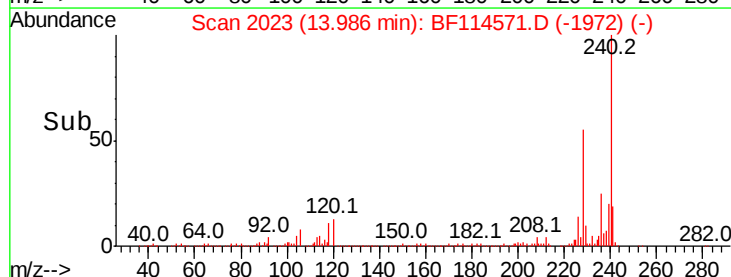
236 25.4 20.8 31.2

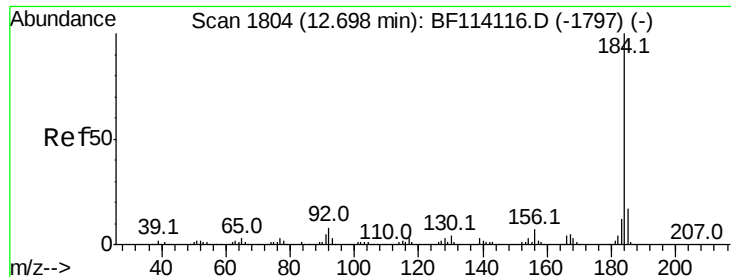


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.143 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

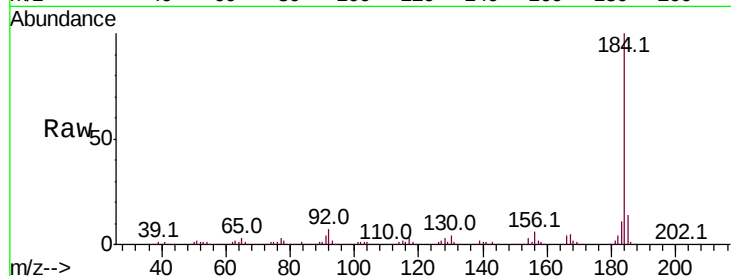
Tot Ion:184 Resp: 754220

Ion Ratio Lower Upper

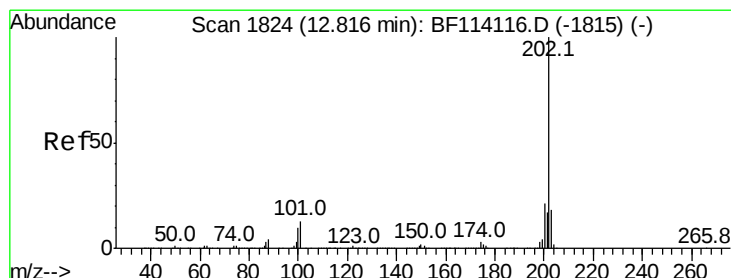
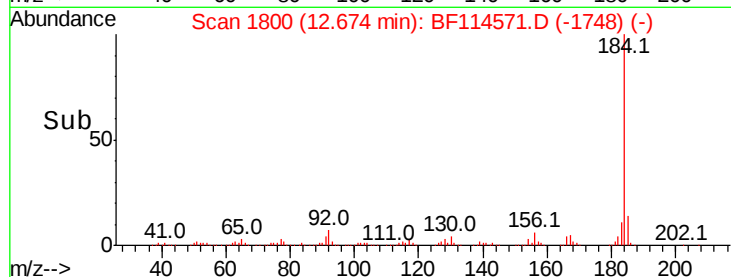
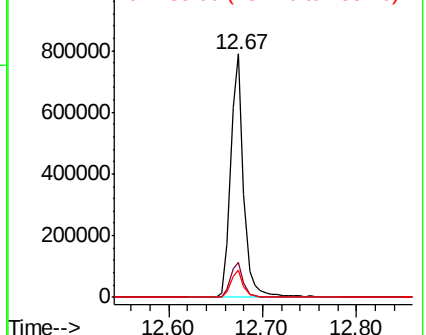
184 100

185 14.3 13.6 20.4

183 11.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.638 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

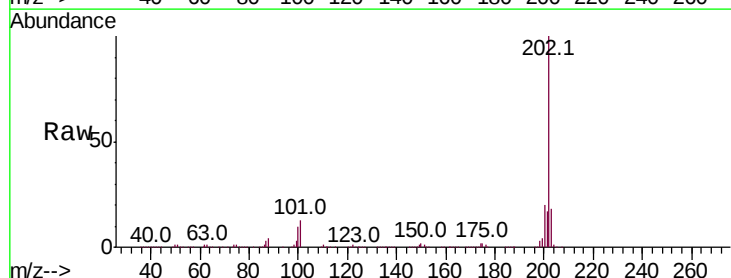
Tgt Ion:202 Resp: 1305575

Ion Ratio Lower Upper

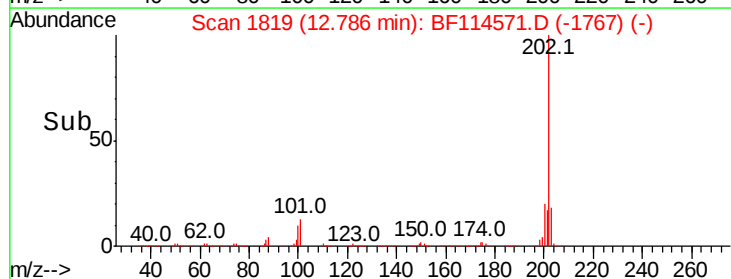
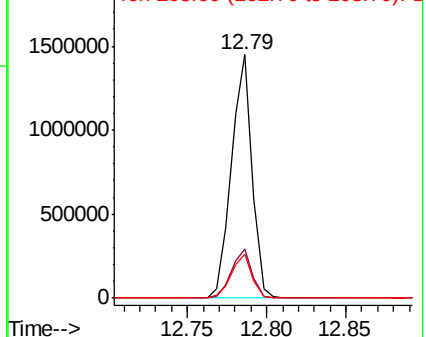
202 100

200 20.2 16.9 25.3

203 17.9 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: 87.667 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

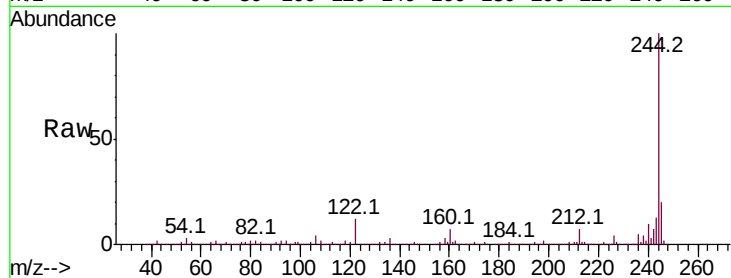
Tot Ion:244 Resp: 1618715

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

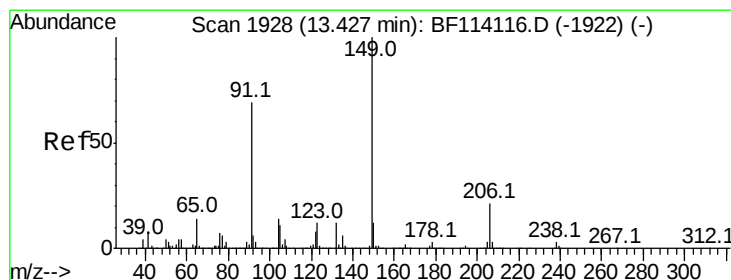
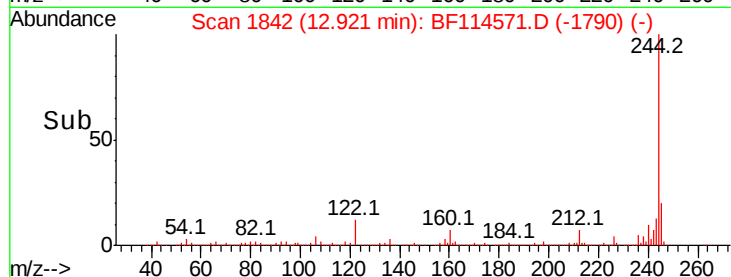
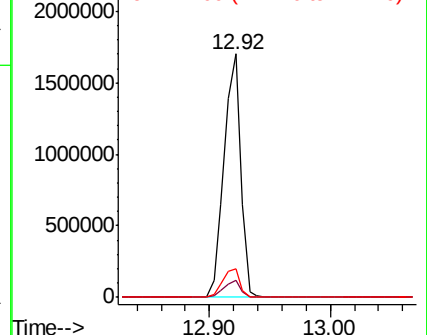
122 11.8 9.4 14.2



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: 45.369 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

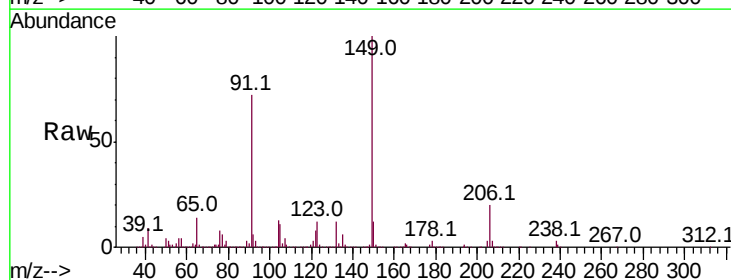
Tgt Ion:149 Resp: 584727

Ion Ratio Lower Upper

149 100

91 71.8 55.0 82.4

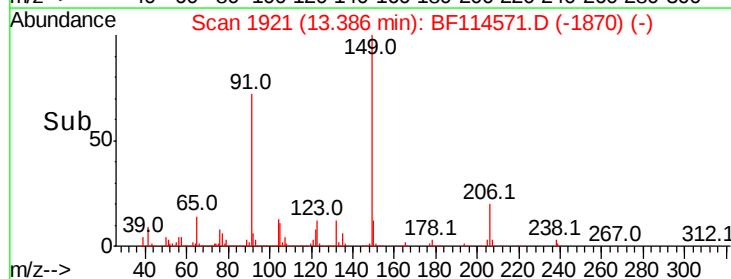
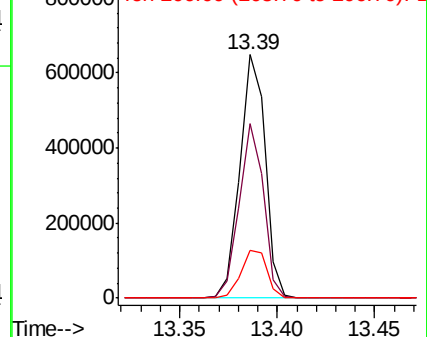
206 19.7 16.9 25.3

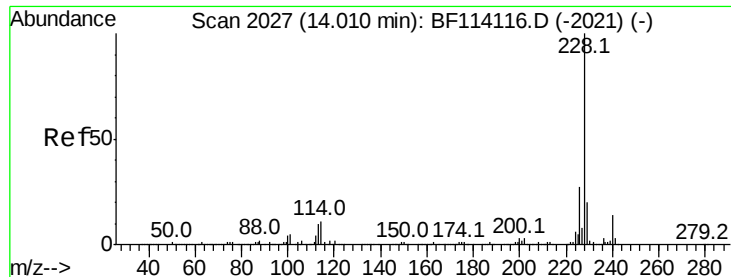


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.772 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1052992

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.1	16.4	24.6

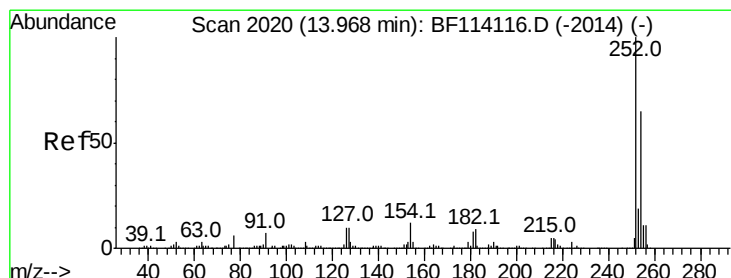
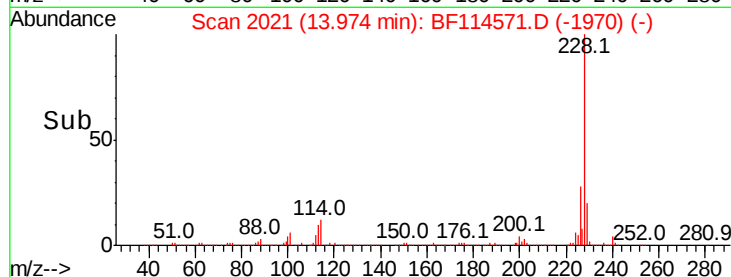
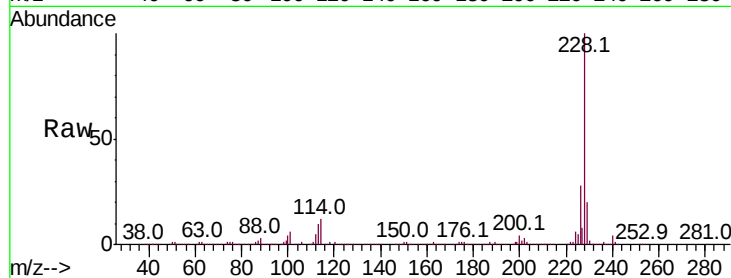
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 41.541 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF114571.D

Acq: 24 May 2019 15:56

Tgt Ion:252 Resp: 396732

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.9	77.9
126	10.4	7.9	11.9

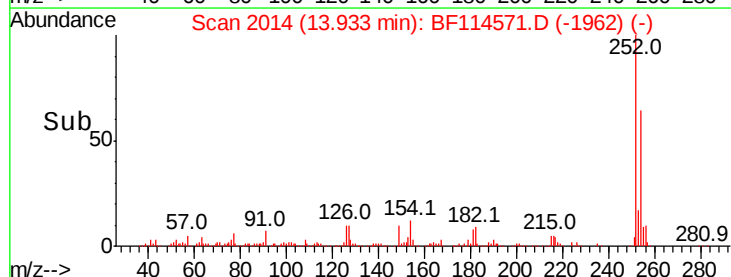
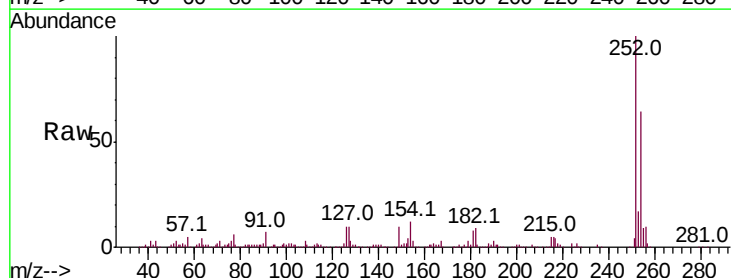
Abundance

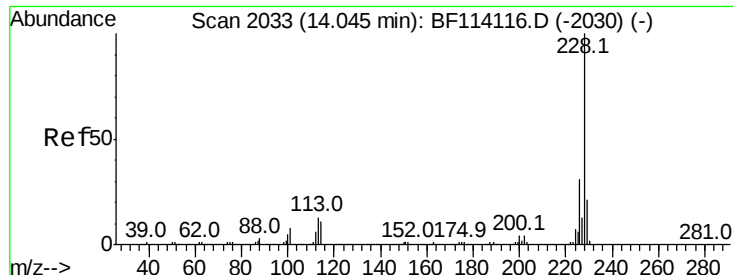
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->



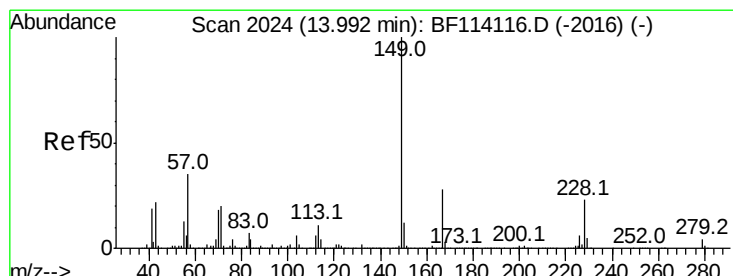
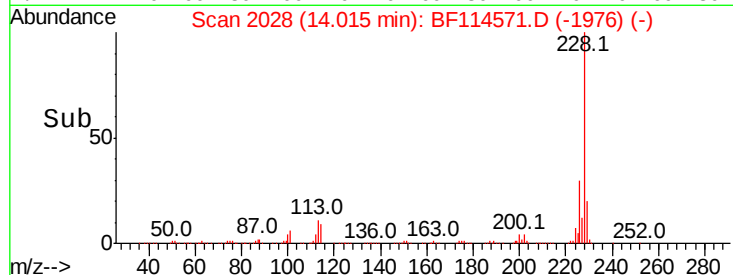
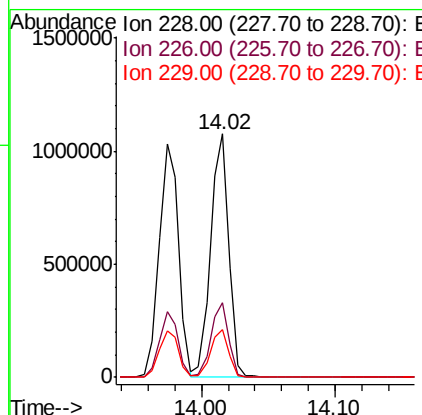
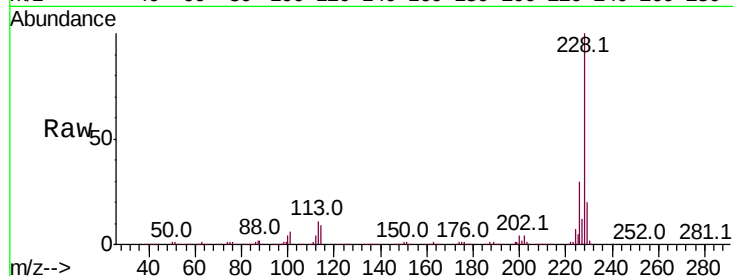


#83
 Chrvsene
 Concen: 42.453 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:228 Resp: 1024536

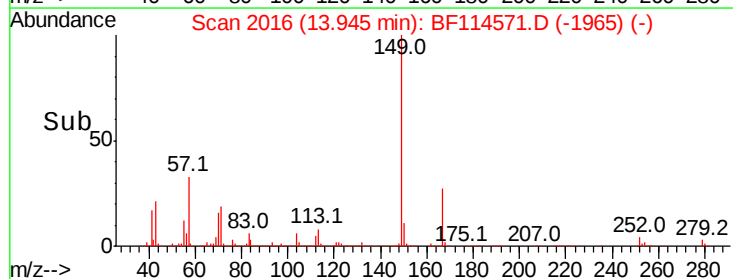
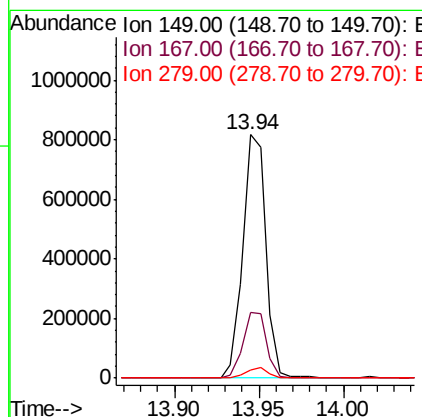
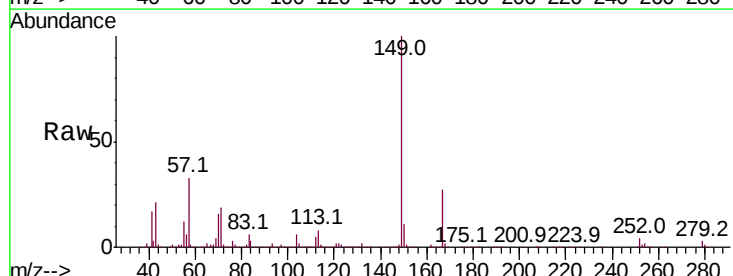
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.7	17.0	25.6

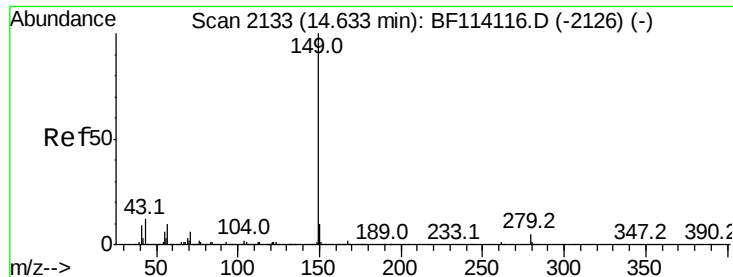


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.095 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF114571.D
 Acq: 24 May 2019 15:56

Tgt Ion:149 Resp: 776976

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.6	33.8
279	3.2	3.0	4.6

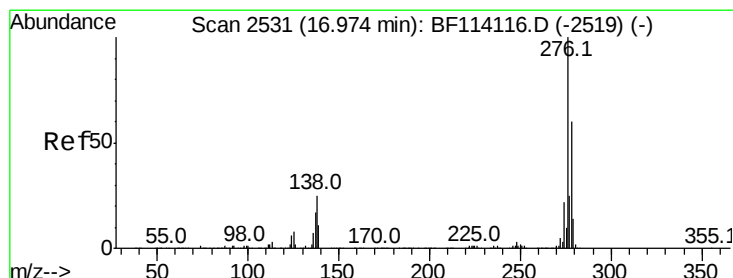
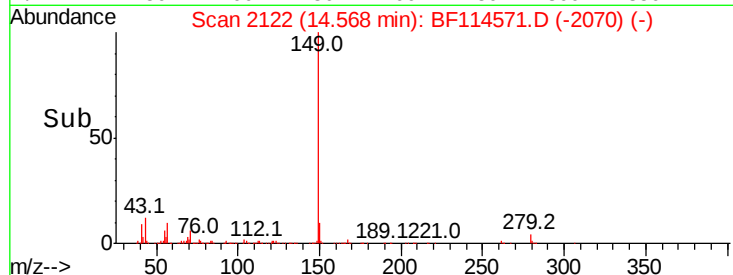
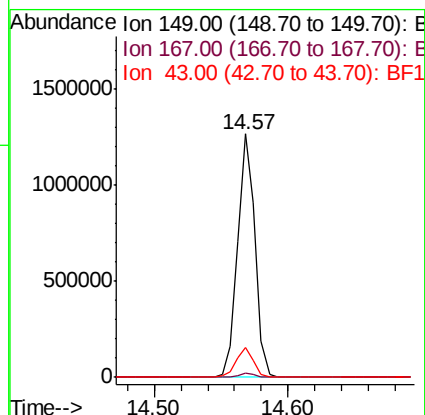
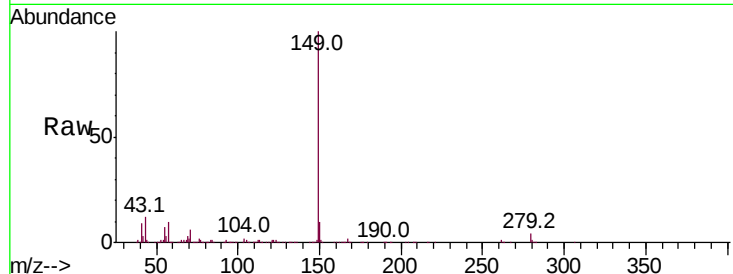




#85
Di-n-octyl phthalate
Concen: 42.299 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

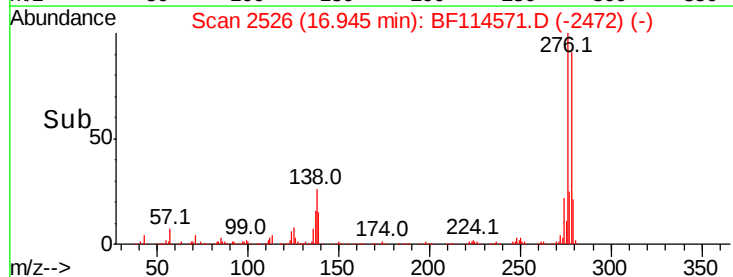
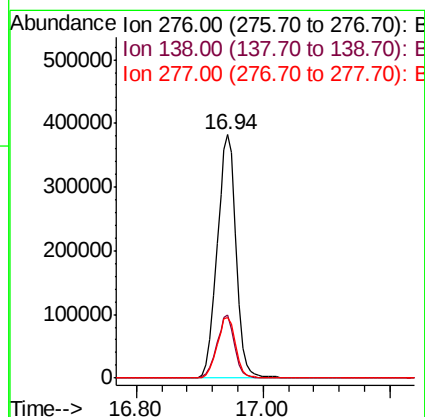
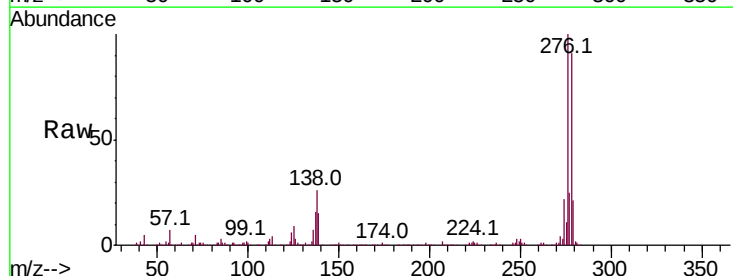
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

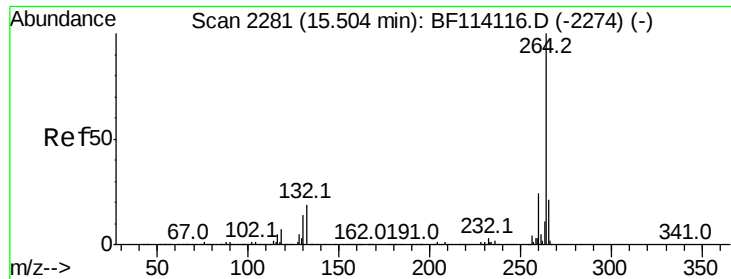
Tot Ion:149 Resp: 1155811
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.7 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.587 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.02 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:276 Resp: 801690
Ion Ratio Lower Upper
276 100
138 24.3 20.2 30.2
277 24.7 20.0 30.0

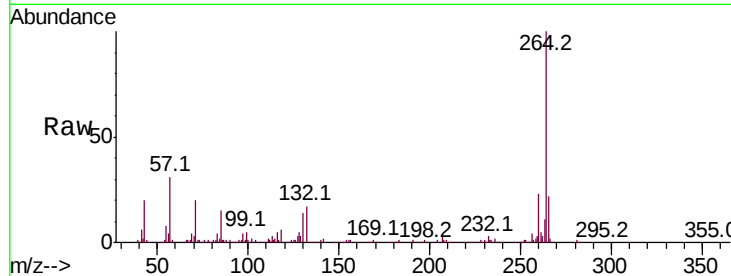




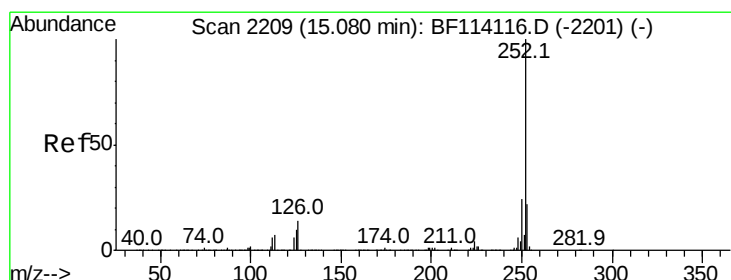
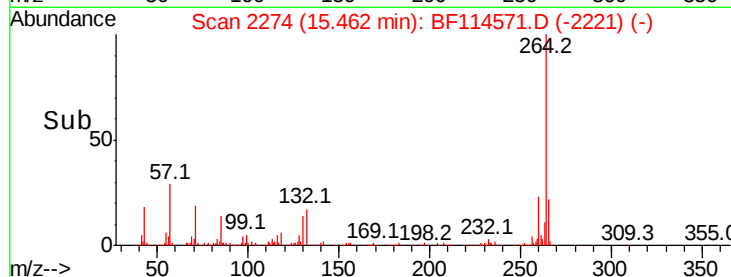
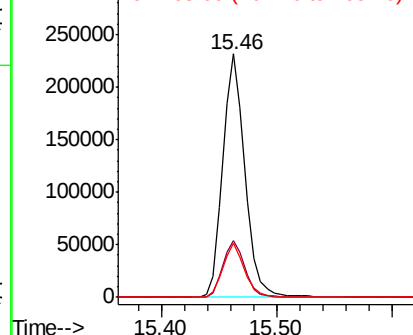
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 307034
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 22.1 16.9 25.3

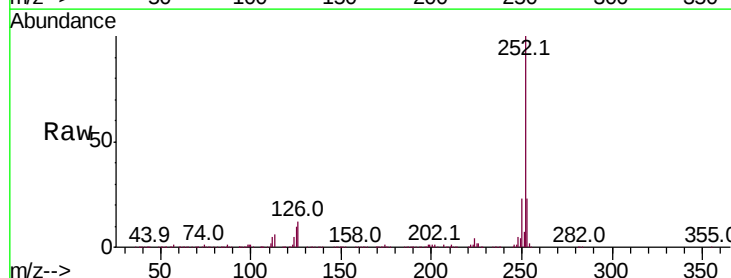


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

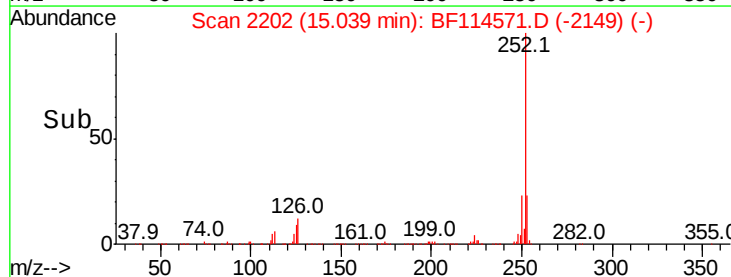
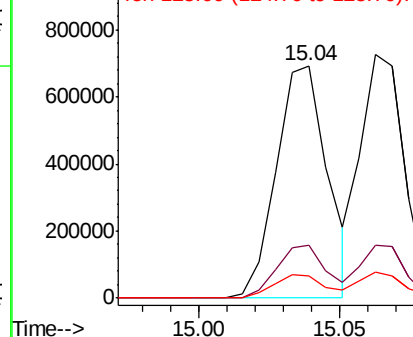


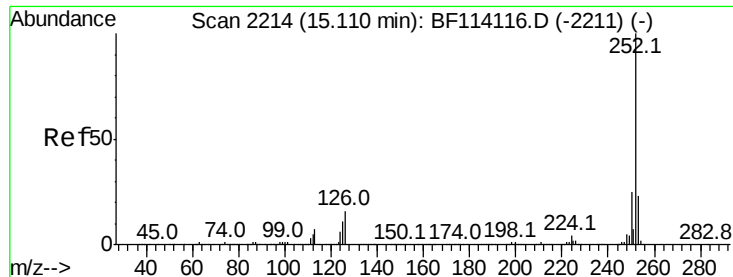
#88
Benzo(b)fluoranthene
Concen: 44.262 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion:252 Resp: 870642
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.5 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

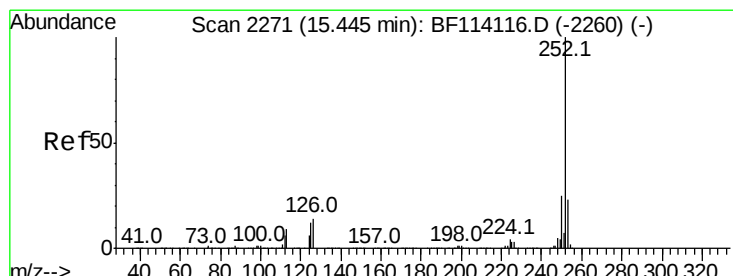
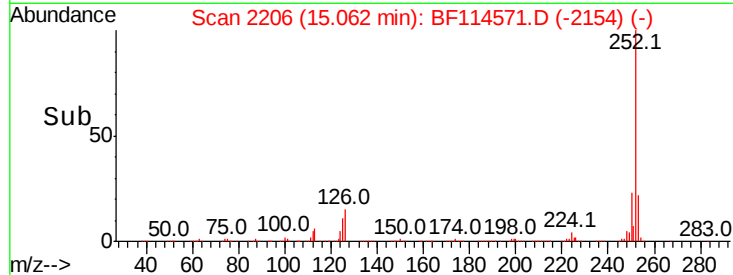
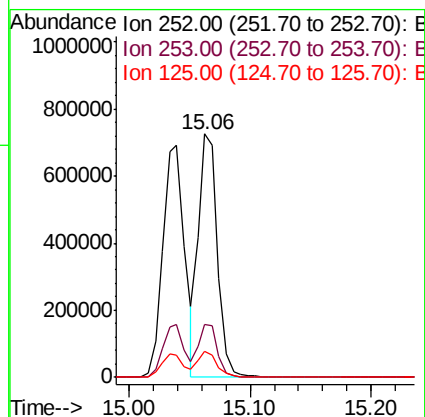
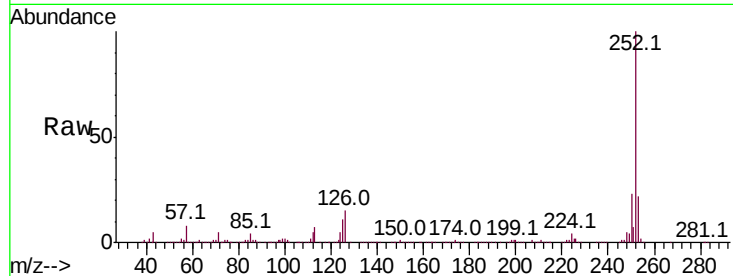




#89
Benzo(k)fluoranthene
Concen: 43.798 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

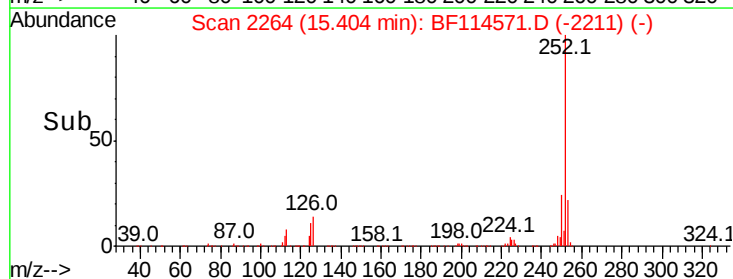
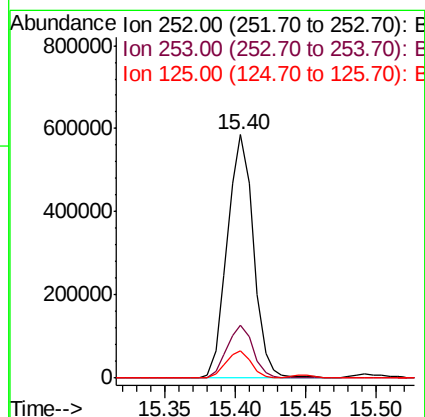
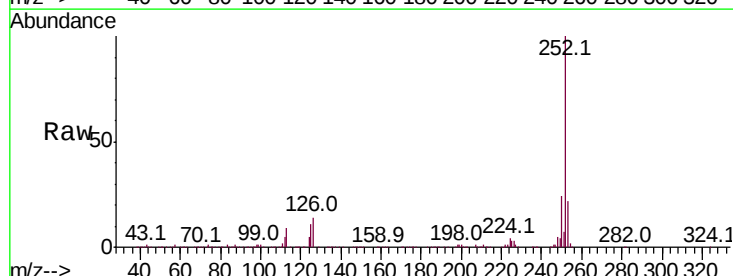
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

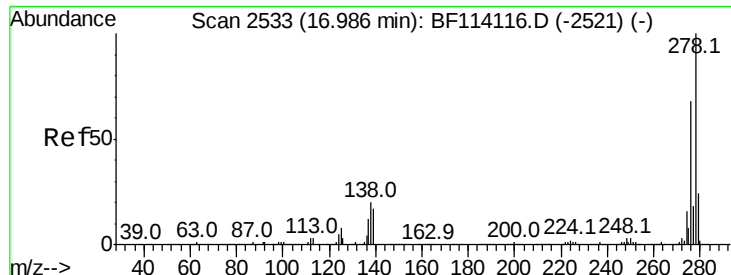
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.9	8.6	13.0



#90
Benzo(a)pyrene
Concen: 43.898 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.0	9.5	14.3

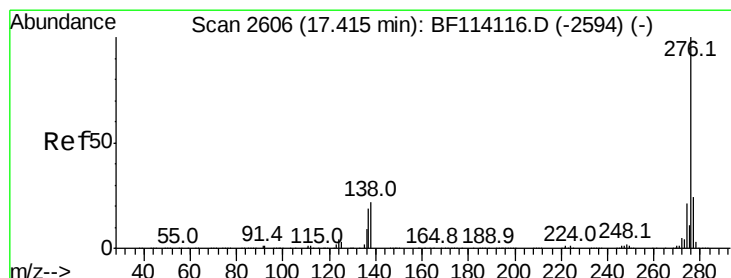
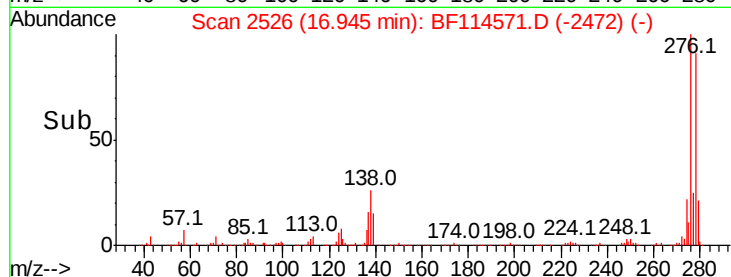
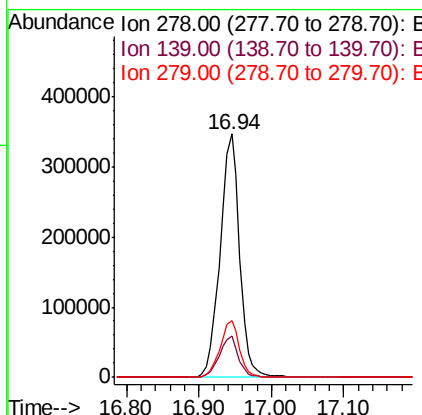
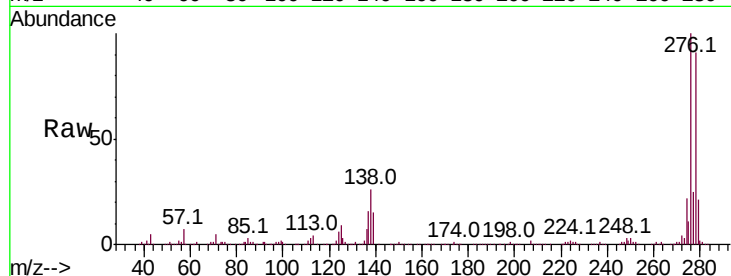




#91
Dibenzo(a,h)anthracene
Concen: 45.139 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.02 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.5	20.3
279	23.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 46.685 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.02 min
Lab File: BF114571.D
Acq: 24 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.1	17.8	26.6

