

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
 Data File : BF114116.D
 Acq On : 10 May 2019 10:32
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: May 10 11:49:08 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 10 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	313605	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1205634	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	552665	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1101549	20.00	ng	0.00
76) Chrysene-d12	14.02	240	778209	20.00	ng	0.00
87) Perylene-d12	15.50	264	747889	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1596367	82.54	ng	0.00
7) Phenol-d6	6.49	99	1845660	75.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	1750592	79.83	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	455014	65.41	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2904884	83.81	ng	0.00
79) Terphenyl-d14	12.96	244	2892706	73.91	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	437168	42.755	ng	100
3) Pyridine	3.39	79	1162690	44.066	ng	100
4) n-Nitrosodimethylamine	3.35	42	573720	64.397	ng	100
6) Aniline	6.52	93	1356116	41.625	ng	100
8) 2-Chlorophenol	6.64	128	839680	38.231	ng	100
9) Benzaldehyde	6.40	77	687181	51.525	ng	100
10) Phenol	6.50	94	1103709	38.983	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	827879	37.666	ng	100
12) 1,3-Dichlorobenzene	6.80	146	931958	38.515	ng	100
13) 1,4-Dichlorobenzene	6.87	146	940836	38.720	ng	100
14) 1,2-Dichlorobenzene	7.03	146	879113	40.452	ng	100
15) Benzyl Alcohol	6.99	79	733452	40.418	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1617926	73.112	ng	100
17) 2-Methylphenol	7.11	107	684508	41.403	ng	100
18) Hexachloroethane	7.37	117	357510	43.069	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	571547	38.854	ng	100
20) 3+4-Methylphenols	7.26	107	795324	39.250	ng	100
22) Acetophenone	7.26	105	1082372	38.214	ng	100
24) Nitrobenzene	7.43	77	900454	38.753	ng	100
25) Isophorone	7.67	82	1560405	36.541	ng	100
26) 2-Nitrophenol	7.75	139	426753	35.838	ng	100
27) 2,4-Dimethylphenol	7.79	122	671634	41.639	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1035011	39.649	ng	100
29) 2,4-Dichlorophenol	7.99	162	680265	36.556	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	769122	36.719	ng	100
31) Naphthalene	8.16	128	2341921	40.121	ng	100
32) Benzoic acid	7.92	122	392779	35.303	ng	100
33) 4-Chloroaniline	8.20	127	1062437	44.559	ng	100
34) Hexachlorobutadiene	8.28	225	442653	34.356	ng	100
35) Caprolactam	8.57	113	228770	41.666	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	698091	38.185	ng	100
37) 2-Methylnaphthalene	8.85	142	1517604	38.937	ng	100
38) 1-Methylnaphthalene	8.95	142	1441437	38.230	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	700082	40.561	ng	100

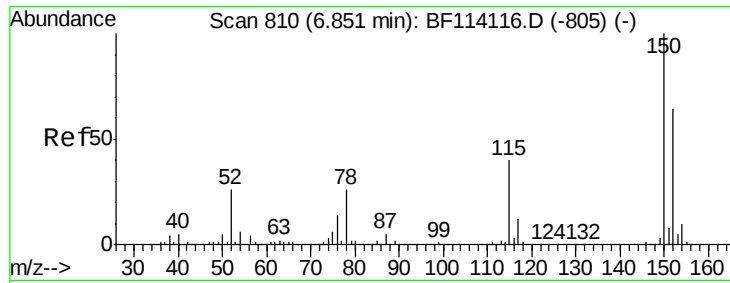
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	300306	42.375	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	480964	43.375	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	493420	40.450	ng	100
46) 1,1'-Biphenyl	9.31	154	1836059	44.602	ng	100
47) 2-Chloronaphthalene	9.33	162	1487638	44.346	ng	100
48) 2-Nitroaniline	9.43	65	523818	56.203	ng	100
49) Acenaphthylene	9.75	152	2268641	42.891	ng	100
50) Dimethylphthalate	9.61	163	1653581	41.423	ng	100
51) 2,6-Dinitrotoluene	9.67	165	368612	40.743	ng	100
52) Acenaphthene	9.92	154	1434421	46.763	ng	100
53) 3-Nitroaniline	9.84	138	460106	48.554	ng	100
54) 2,4-Dinitrophenol	9.95	184	154152	37.776	ng	100
55) Dibenzofuran	10.09	168	1990218	41.257	ng	100
56) 4-Nitrophenol	10.00	139	313744	43.598	ng	100
57) 2,4-Dinitrotoluene	10.07	165	491192	40.047	ng	100
58) Fluorene	10.44	166	1525320	41.281	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	412296	38.049	ng	100
60) Diethylphthalate	10.31	149	1629831	41.579	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	750828	39.261	ng	100
62) 4-Nitroaniline	10.45	138	459204	46.874	ng	100
63) Azobenzene	10.59	77	1588284	42.273	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	216904	34.825	ng	100
66) n-Nitrosodiphenylamine	10.55	169	1385292	40.284	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	493322	36.061	ng	100
68) Hexachlorobenzene	10.99	284	546190	36.367	ng	100
69) Atrazine	11.07	200	418934	36.323	ng	100
70) Pentachlorophenol	11.18	266	266513	33.382	ng	100
71) Phenanthrene	11.40	178	2201833	39.518	ng	100
72) Anthracene	11.45	178	2234878	39.724	ng	100
73) Carbazole	11.60	167	2116487	42.625	ng	100
74) Di-n-butylphthalate	11.93	149	2450570	40.440	ng	100
75) Fluoranthene	12.59	202	2365716	40.008	ng	100
77) Benzidine	12.70	184	1361981	60.798	ng	100
78) Pyrene	12.82	202	2405601	44.427	ng	100
80) Butylbenzylphthalate	13.43	149	1049607	44.938	ng	100
81) Benzo(a)anthracene	14.01	228	2052724	40.718	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	826998	44.787	ng	100
83) Chrysene	14.04	228	2010105	40.902	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1389818	42.571	ng	100
85) Di-n-octyl phthalate	14.63	149	2305739	42.618	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1687738	37.257	ng	100
88) Benzo(b)fluoranthene	15.08	252	1908689	41.074	ng	100
89) Benzo(k)fluoranthene	15.11	252	1859261	45.341	ng	100
90) Benzo(a)pyrene	15.44	252	1714373	41.963	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	1373862	40.013	ng	100
92) Benzo(g,h,i)perylene	17.42	276	1348766	39.867	ng	100

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

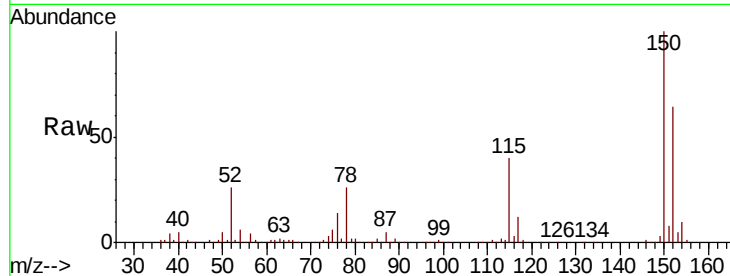


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	61.4	49.1	73.7

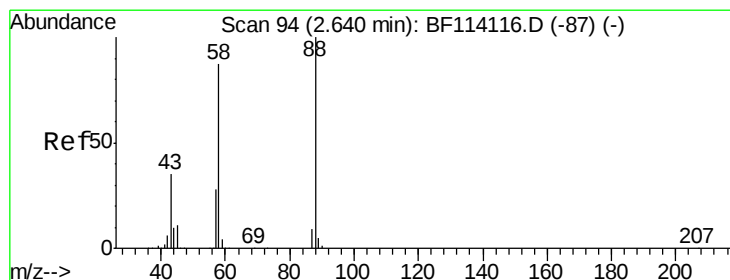
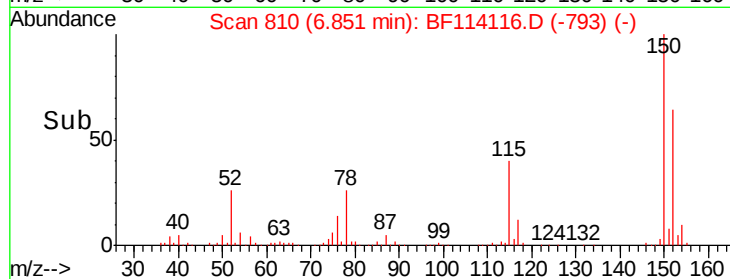
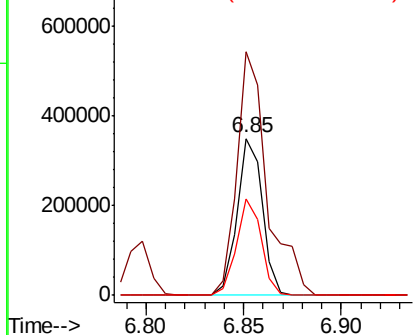


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

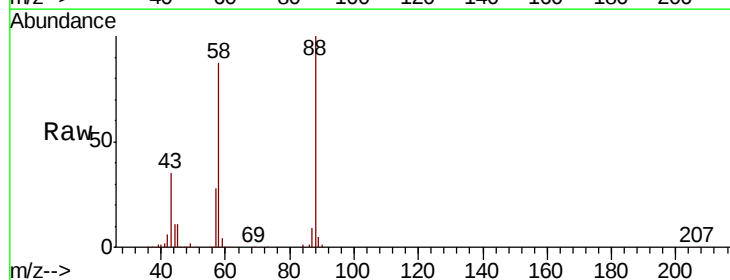
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.755 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.7	103.1
43	35.2	28.2	42.2

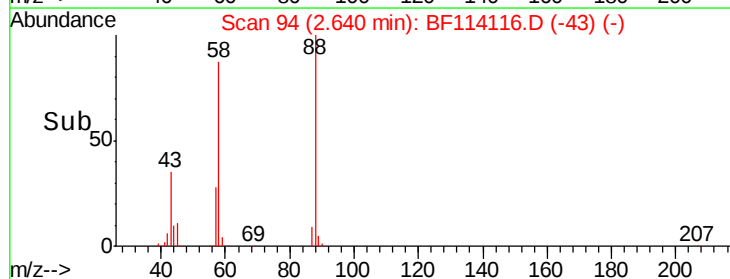
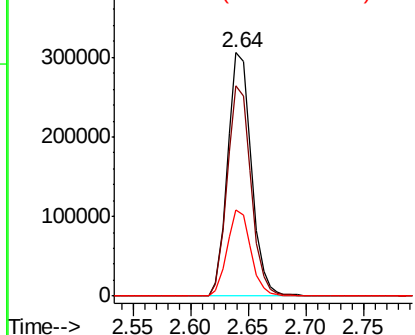


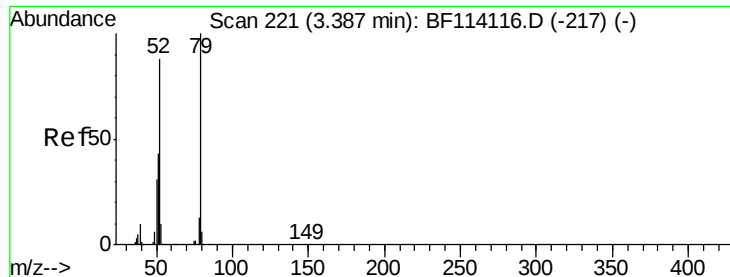
Abundance

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: 44.066 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

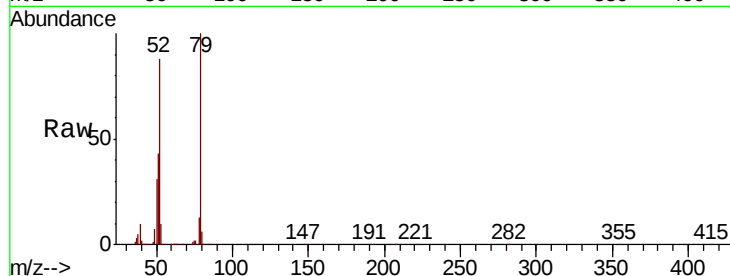
Tot Ion: 79 Resp: 1162690

Ion Ratio Lower Upper

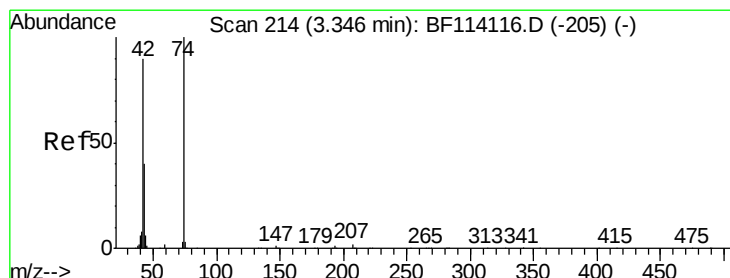
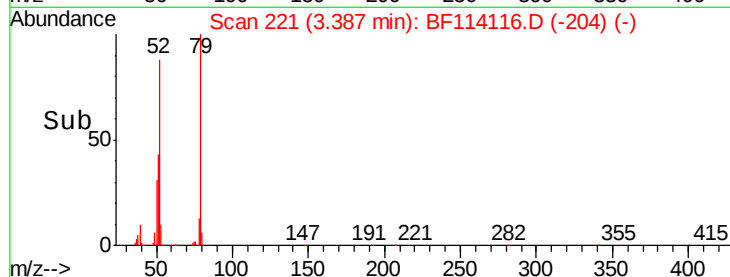
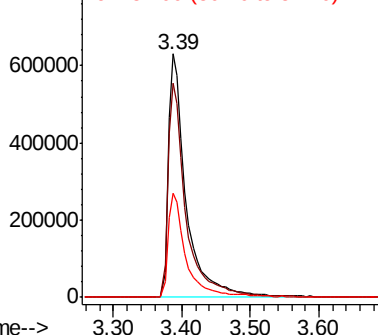
79 100

52 88.2 70.6 105.8

51 42.7 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 64.397 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

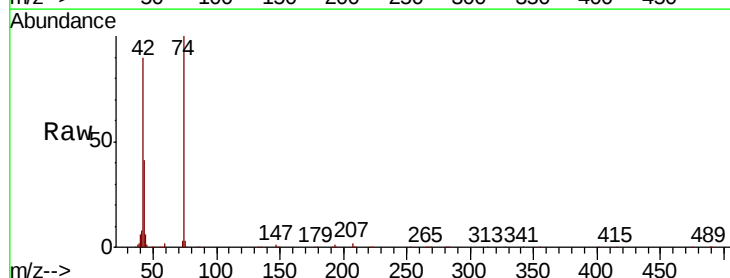
Tgt Ion: 42 Resp: 573720

Ion Ratio Lower Upper

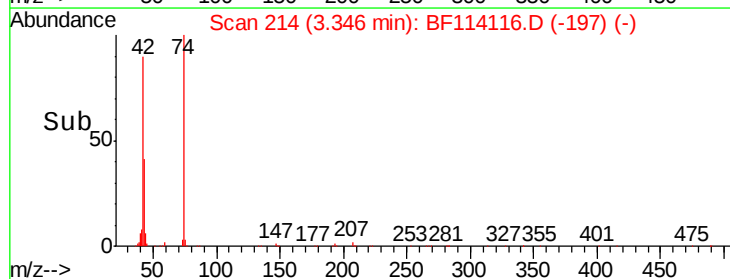
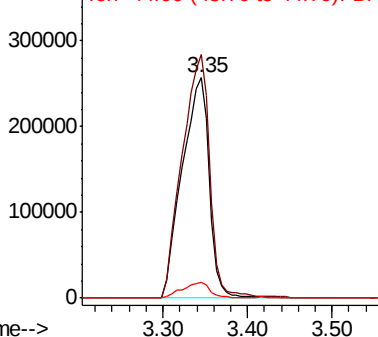
42 100

74 110.7 88.6 132.8

44 6.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.541 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

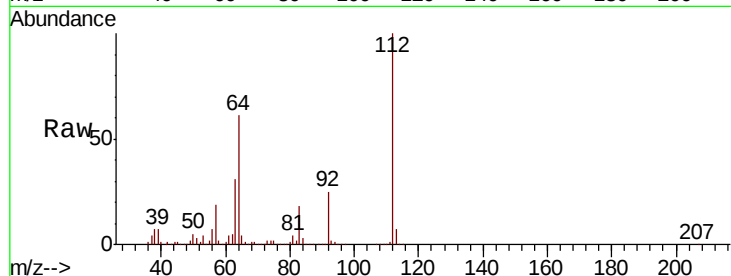
Tot Ion:112 Resp: 1596367

Ion Ratio Lower Upper

112 100

64 61.3 49.0 73.6

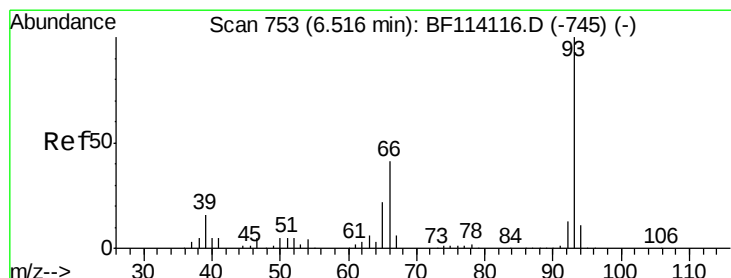
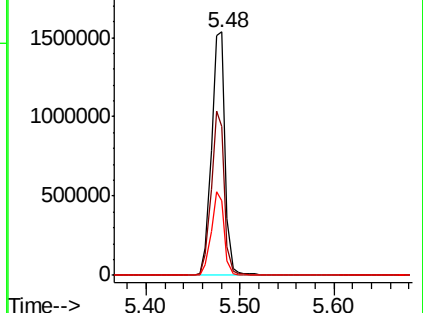
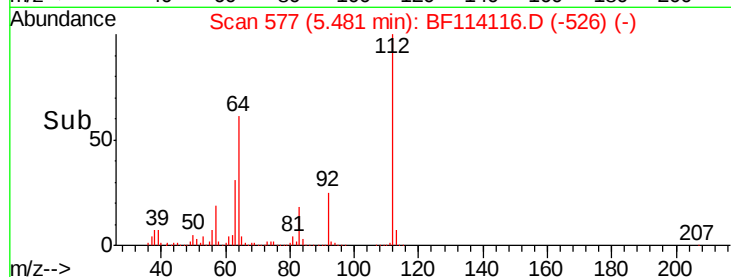
63 30.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.625 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

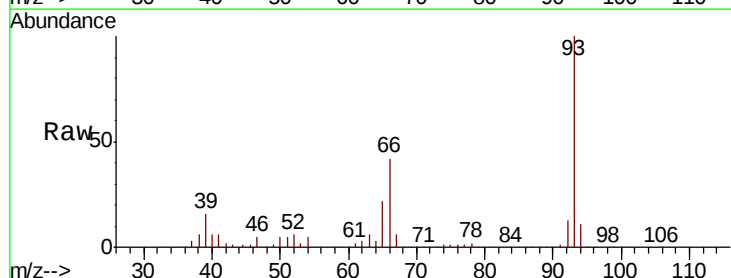
Tgt Ion: 93 Resp: 1356116

Ion Ratio Lower Upper

93 100

66 41.5 33.2 49.8

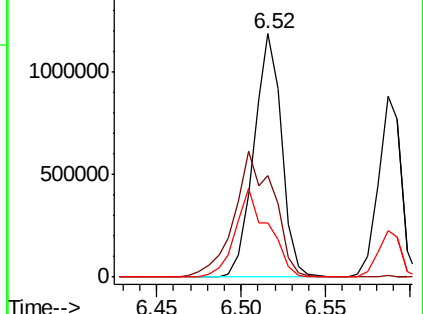
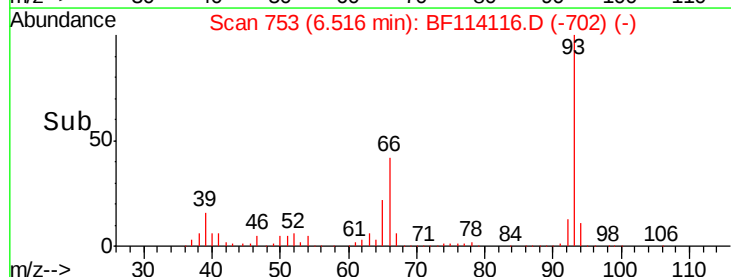
65 22.0 17.6 26.4



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: 75.975 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

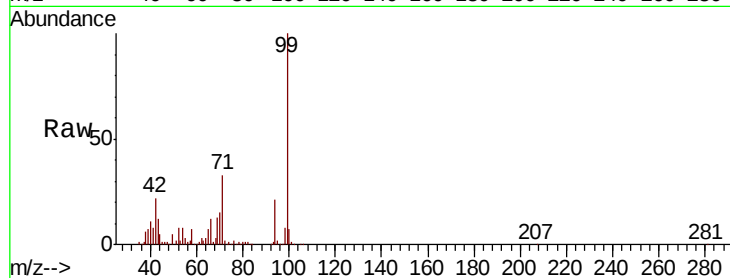
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1845660

Ion	Ratio	Lower	Upper
99	100		
42	22.4	17.9	26.9
71	32.7	26.2	39.2

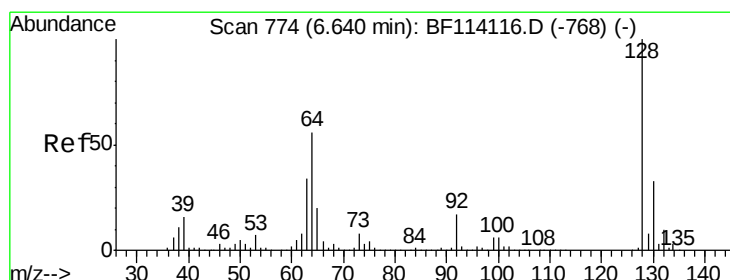
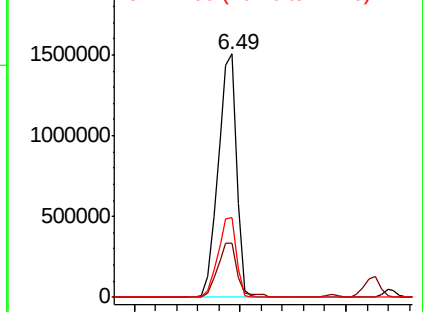
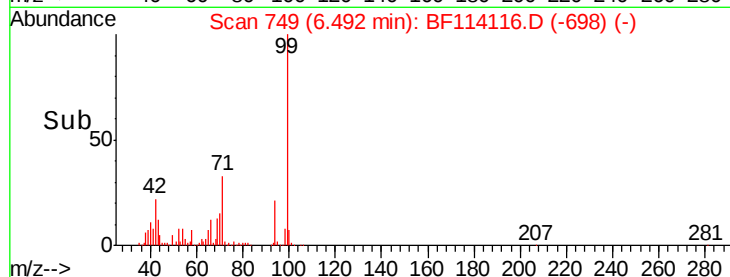


Abundance

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: 38.231 ng

RT: 6.64 min Scan# 774

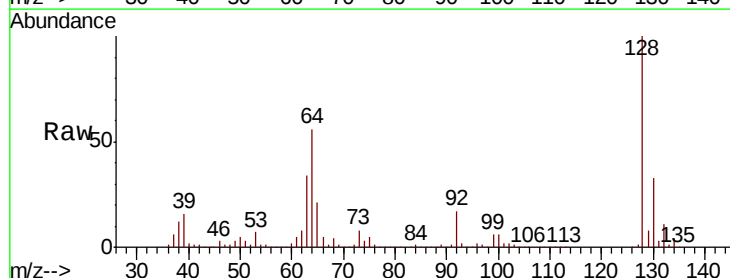
Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion: 128 Resp: 839680

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	55.9	35.9	75.9

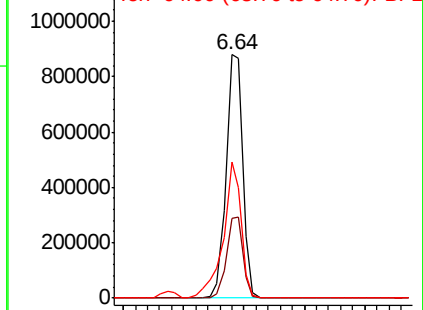
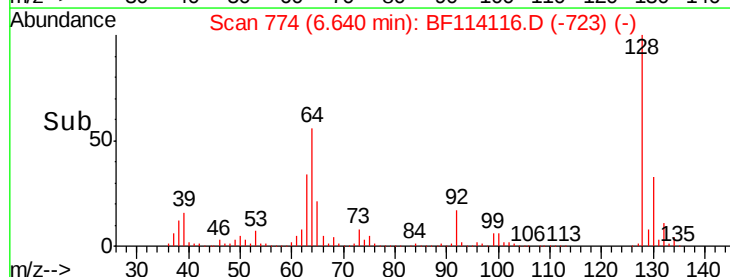


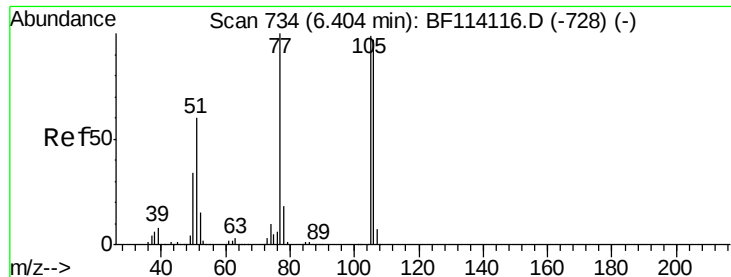
Abundance

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: 51.525 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

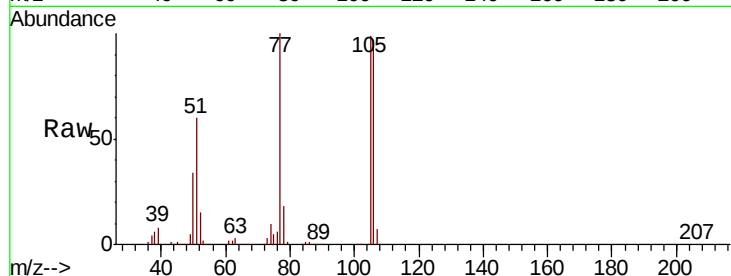
Tot Ion: 77 Resp: 687181

Ion Ratio Lower Upper

77 100

105 99.3 79.3 119.3

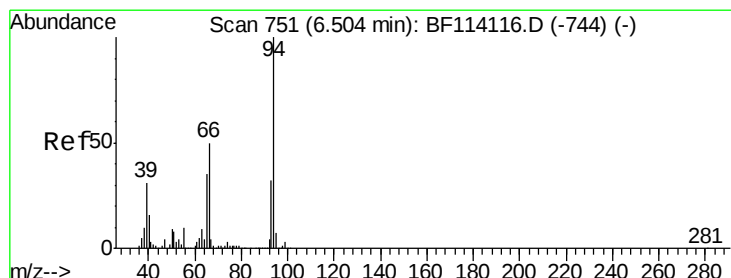
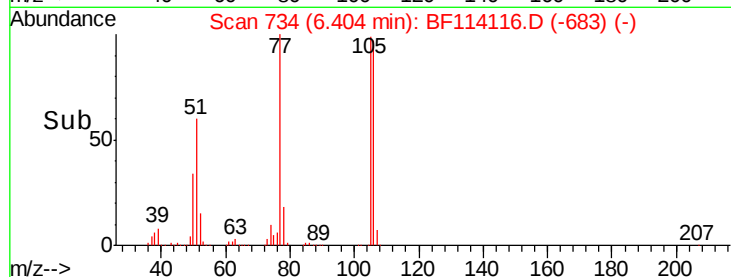
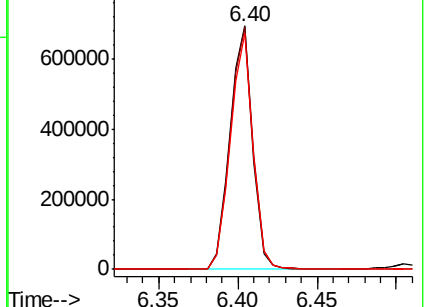
106 97.0 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.983 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

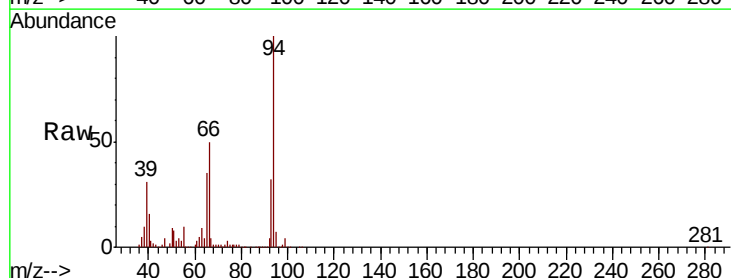
Tgt Ion: 94 Resp: 1103709

Ion Ratio Lower Upper

94 100

65 34.7 14.7 54.7

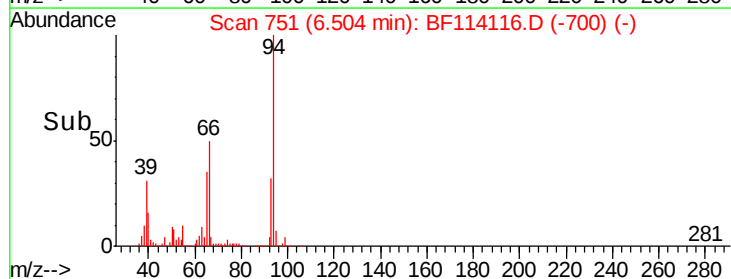
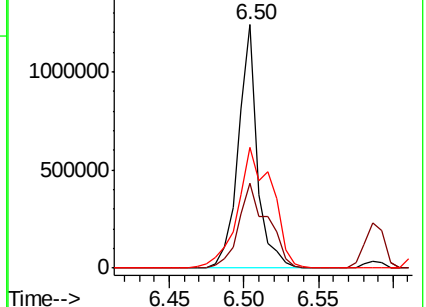
66 49.6 29.6 69.6



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

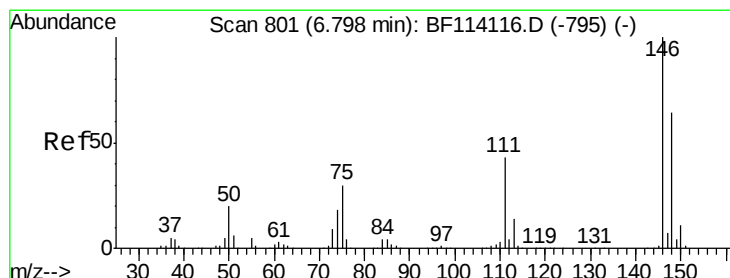
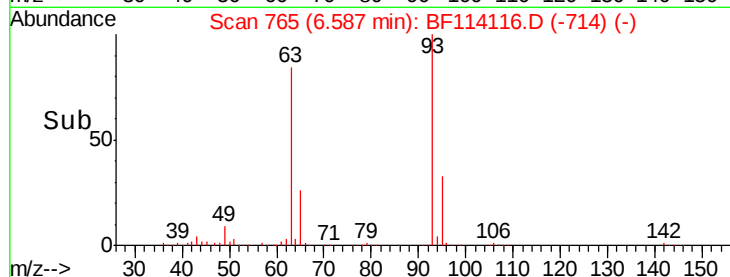
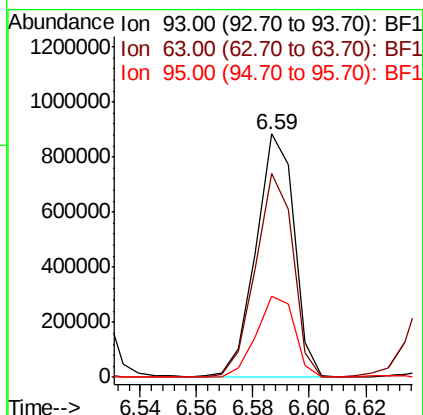
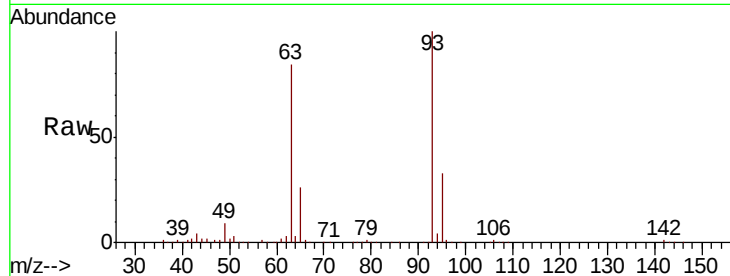




#11
 bis(2-Chloroethyl)ether
 Concen: 37.666 ng
 RT: 6.59 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

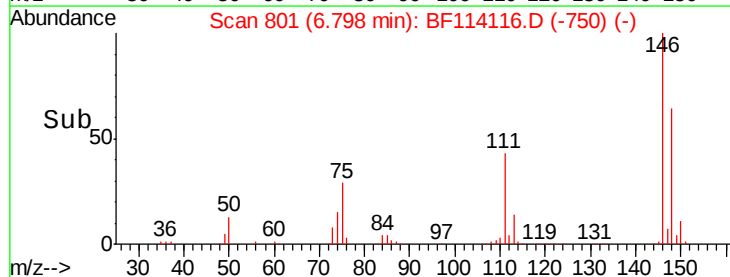
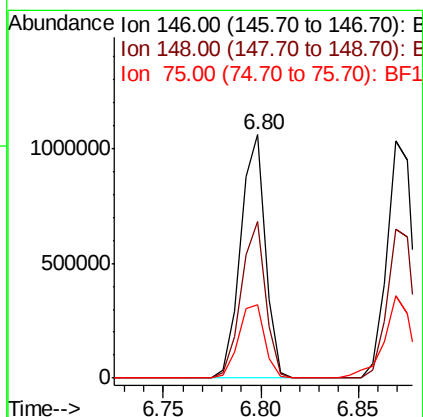
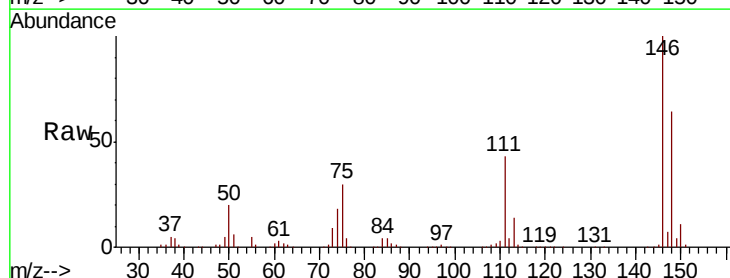
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

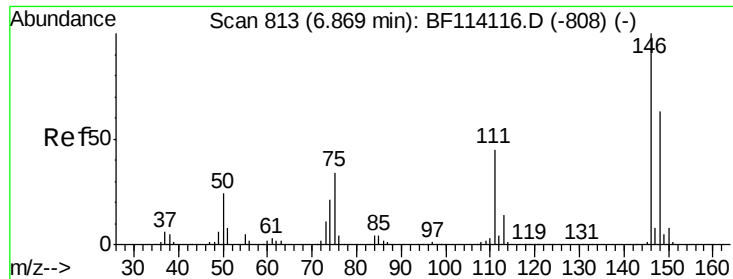
Tot Ion: 93 Resp: 827879
 Ion Ratio Lower Upper
 93 100
 63 83.6 63.6 103.6
 95 33.1 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.515 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion: 146 Resp: 931958
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 75 30.2 24.2 36.2

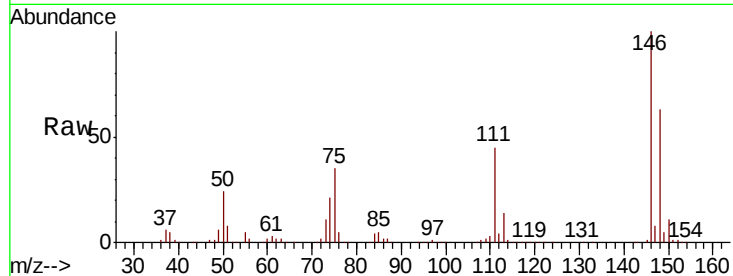




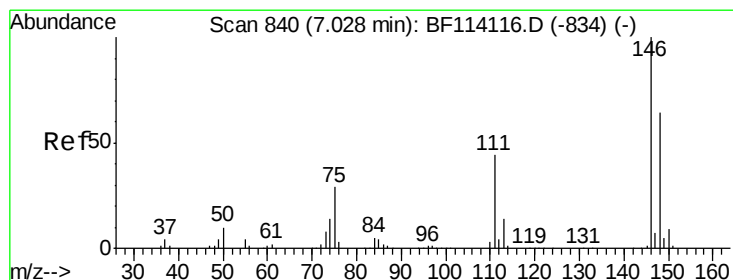
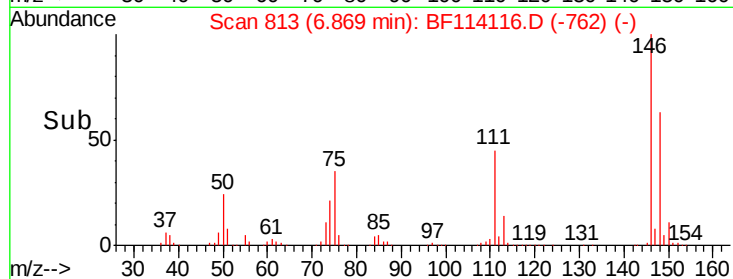
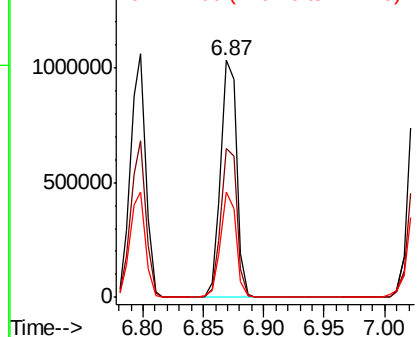
#13
 1,4-Dichlorobenzene
 Concen: 38.720 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:146 Resp: 940836
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.2 75.2
 111 44.7 35.8 53.6

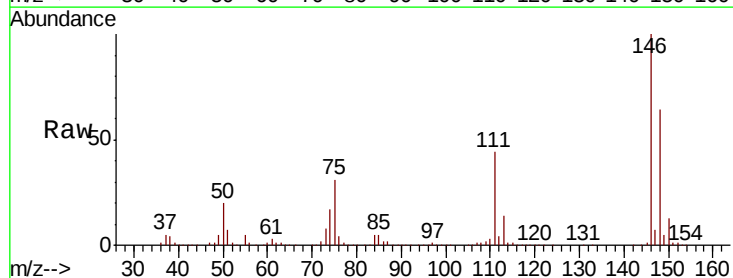


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

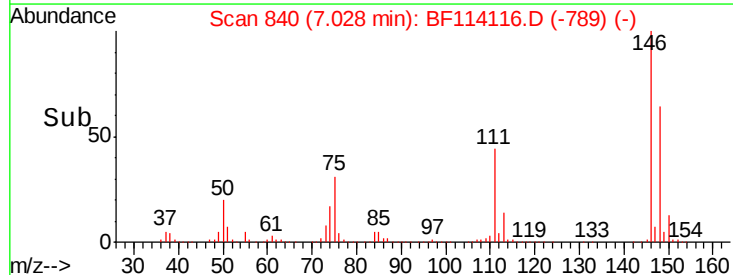
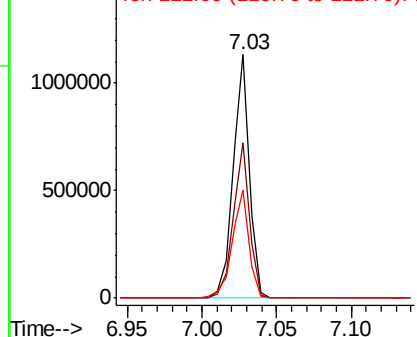


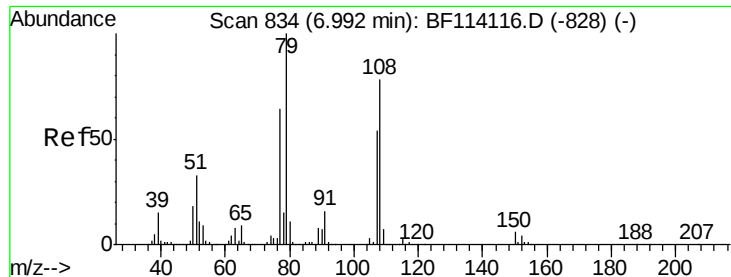
#14
 1,2-Dichlorobenzene
 Concen: 40.452 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion:146 Resp: 879113
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 44.1 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: 40.418 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

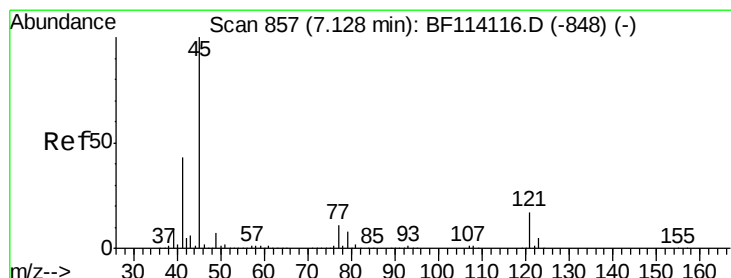
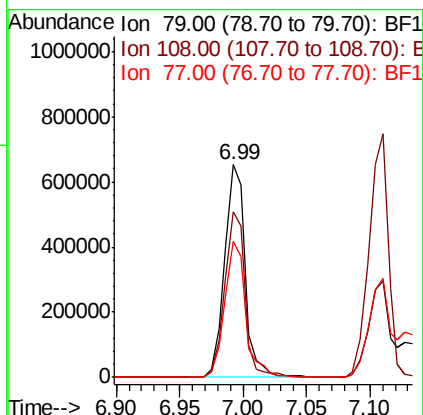
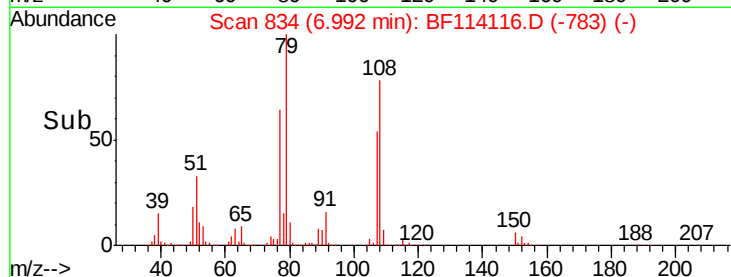
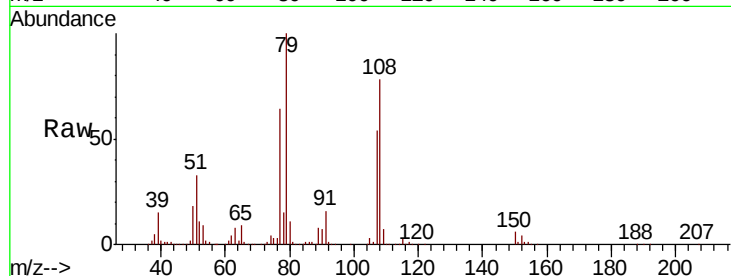
Tot Ion: 79 Resp: 733452

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

77 63.8 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 73.112 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

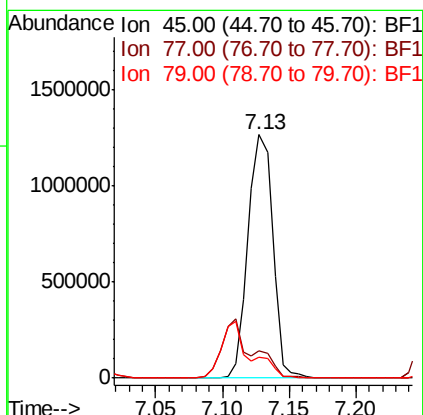
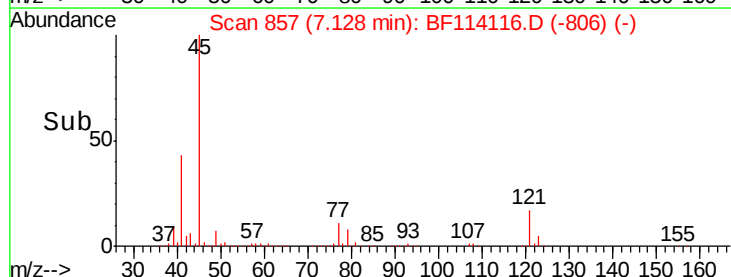
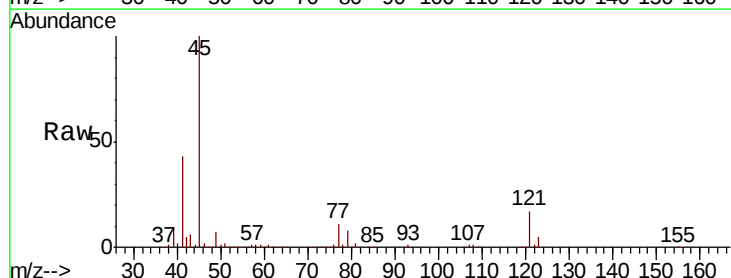
Tgt Ion: 45 Resp: 1617926

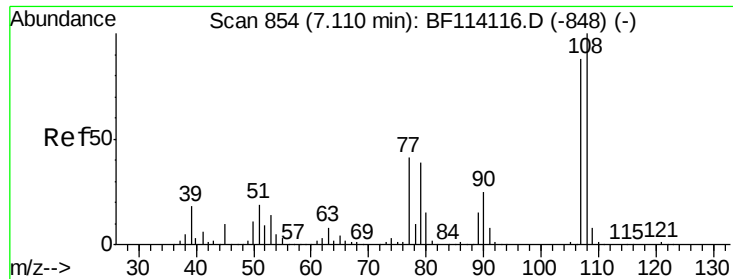
Ion Ratio Lower Upper

45 100

77 11.1 0.0 31.1

79 8.4 0.0 28.4

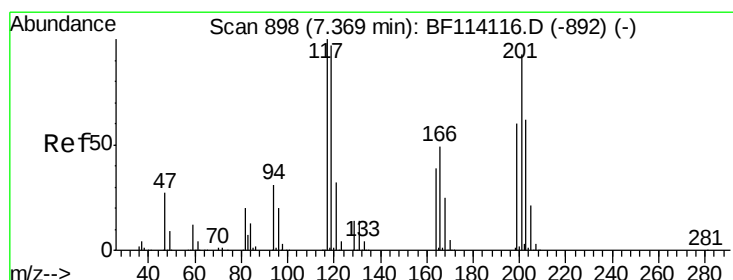
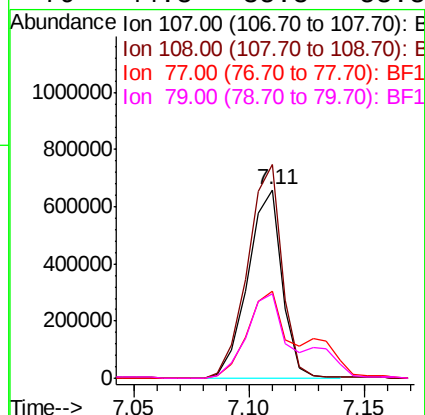
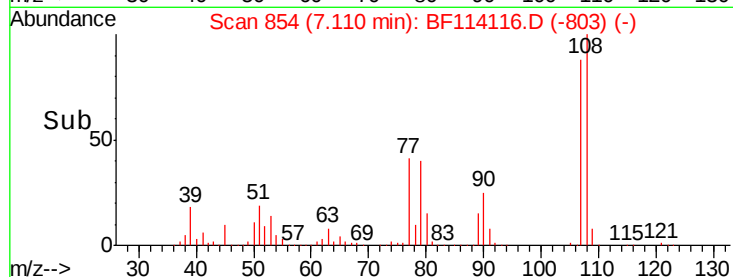
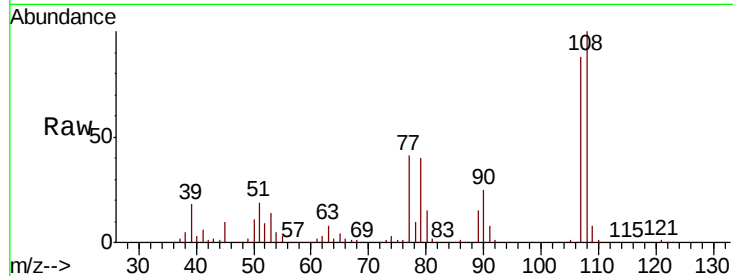




#17
2-Methylphenol
Concen: 41.403 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

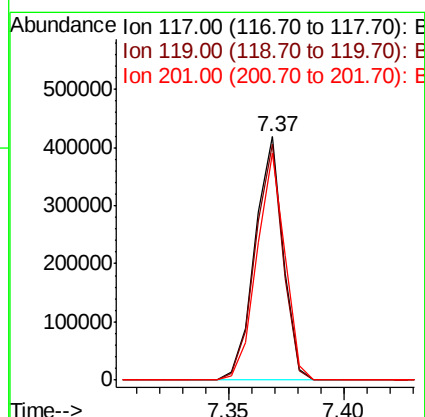
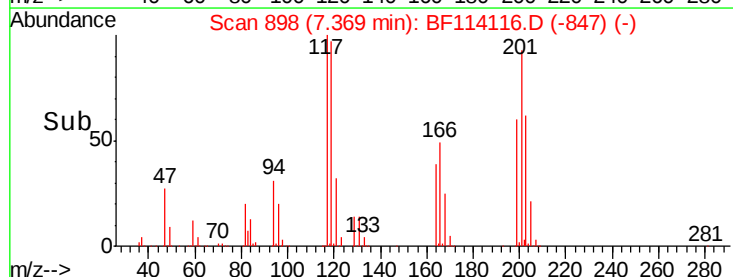
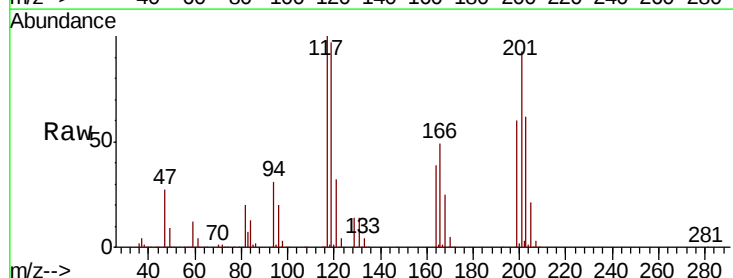
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

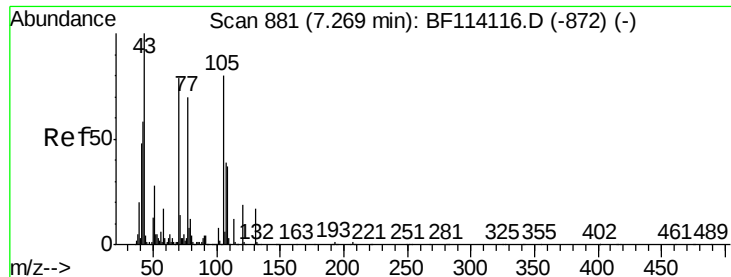
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.5	135.7
77	46.2	37.0	55.4
79	44.8	35.8	53.8



#18
Hexachloroethane
Concen: 43.069 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.2
201	93.1	74.5	111.7

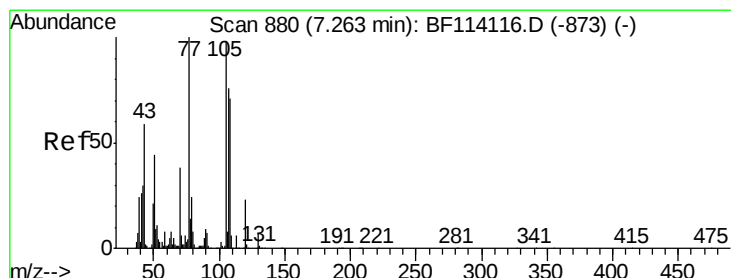
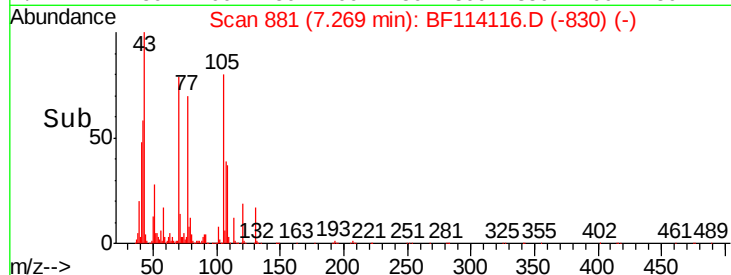
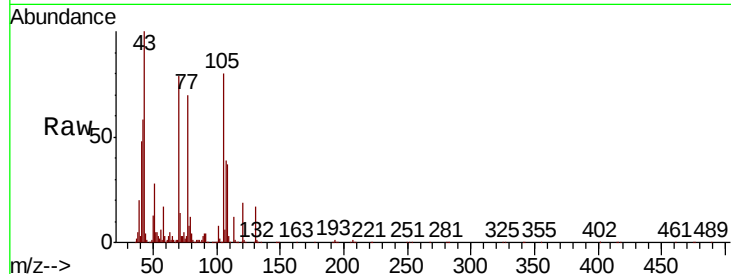
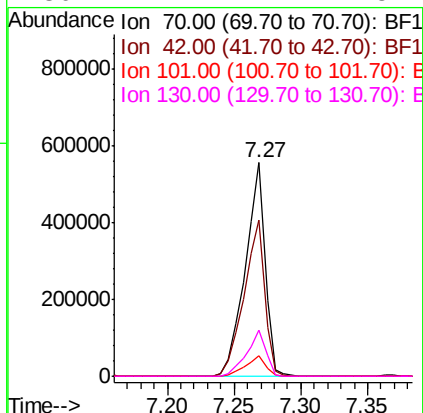




#19
n-Nitroso-di-n-propylamine
Concen: 38.854 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

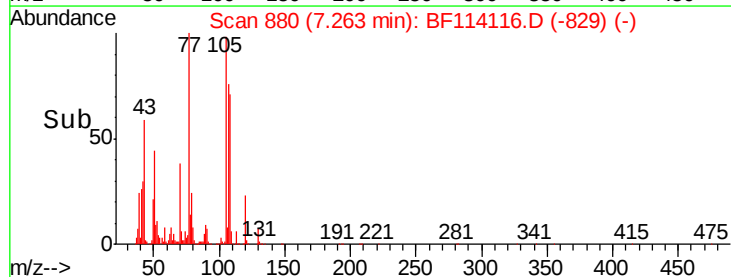
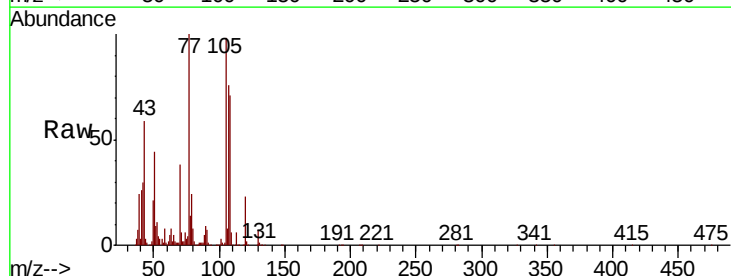
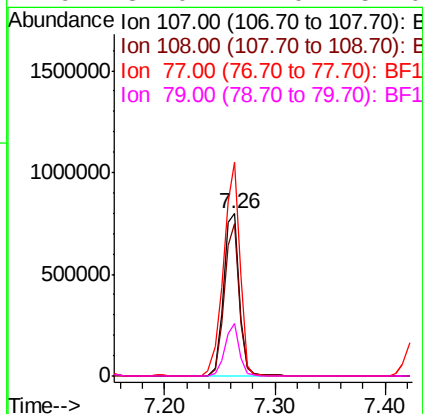
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

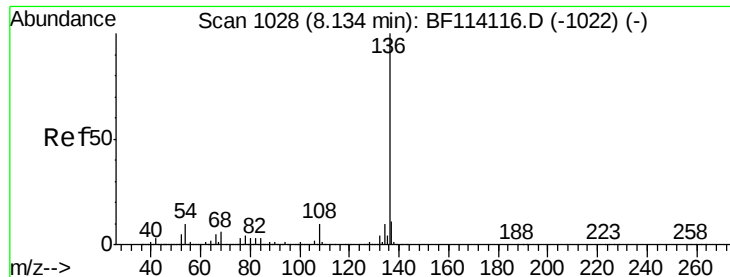
Tot Ion:	70	Resp:	571547
Ion	Ratio	Lower	Upper
70	100		
42	73.2	58.6	87.8
101	9.8	7.8	11.8
130	21.4	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.250 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:	107	Resp:	795324
Ion	Ratio	Lower	Upper
107	100		
108	93.8	73.8	113.8
77	131.5	111.5	151.5
79	32.0	12.0	52.0

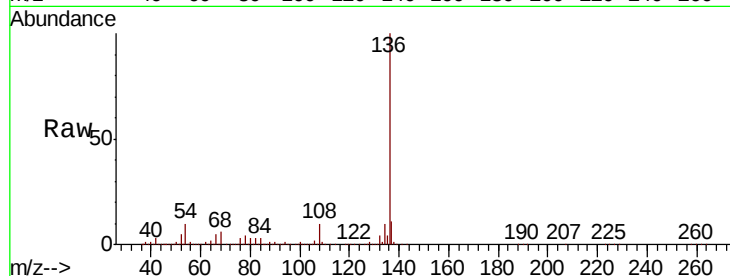




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:136	Resp: 1205634
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 9.8	7.8 11.8
68 6.4	5.1 7.7



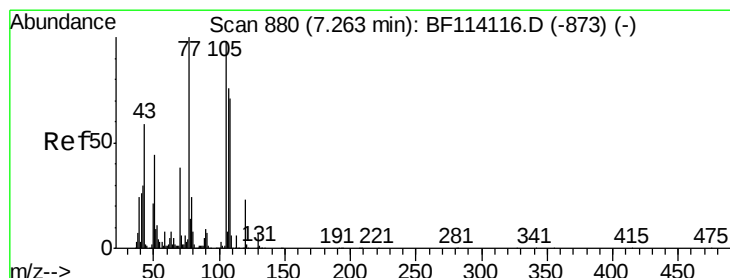
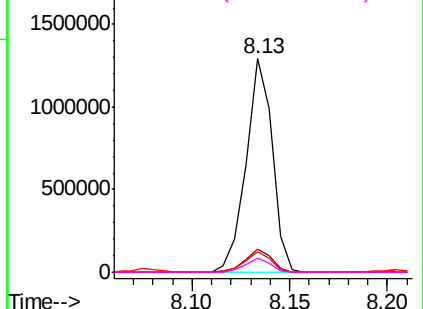
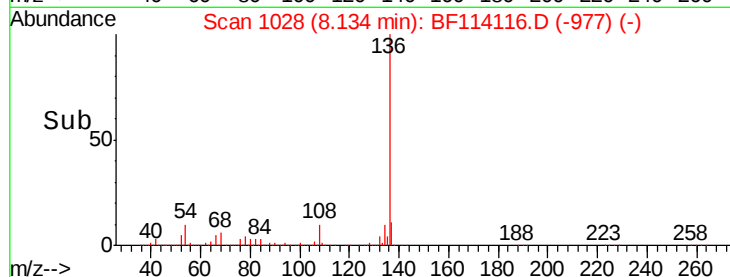
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

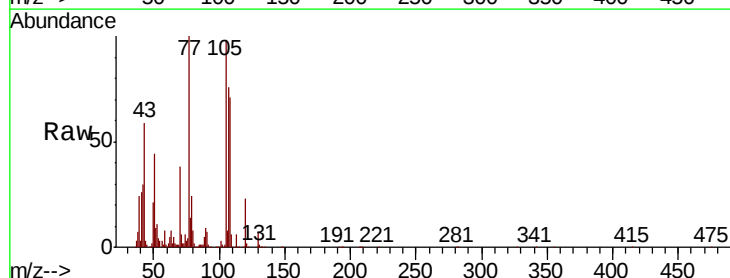
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.214 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt	Ion:105	Resp:	1082372
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.3	7.9
51	45.3	36.2	54.4
120	23.3	18.6	28.0



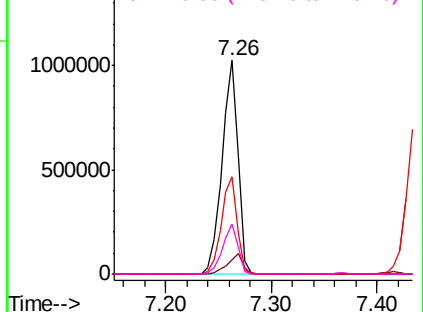
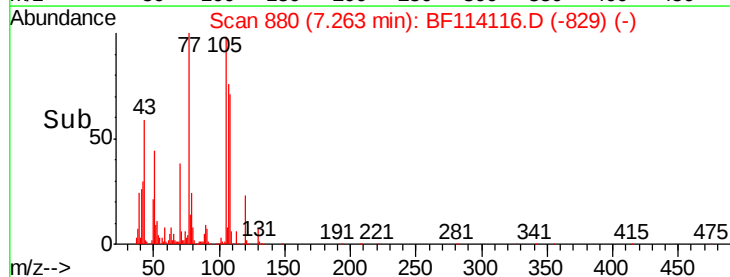
Abundance

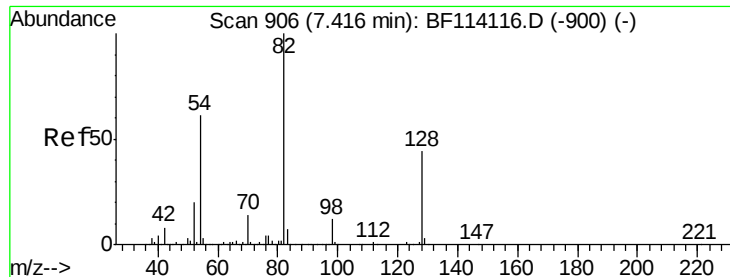
Ion 105.00 (104.70 to 105.70): E

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

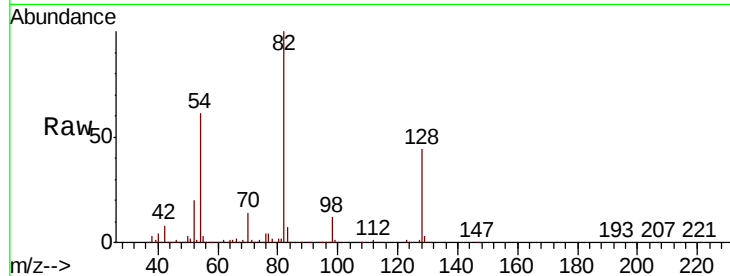




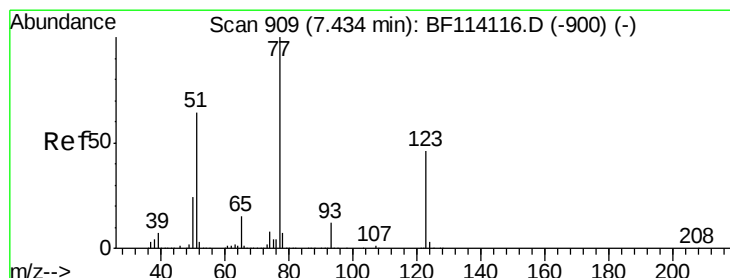
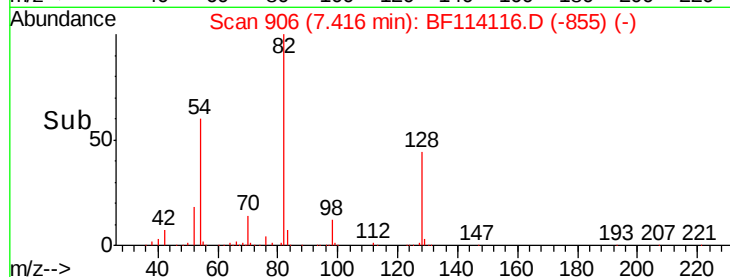
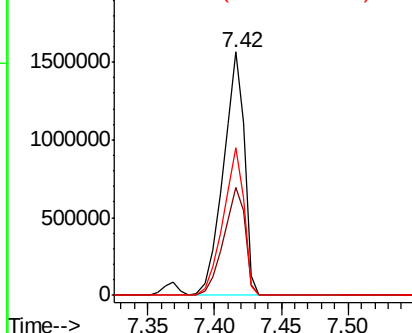
#23
Nitrobenzene-d5
Concen: 79.826 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion: 82 Resp: 1750592
Ion Ratio Lower Upper
82 100
128 44.4 35.5 53.3
54 60.6 48.5 72.7

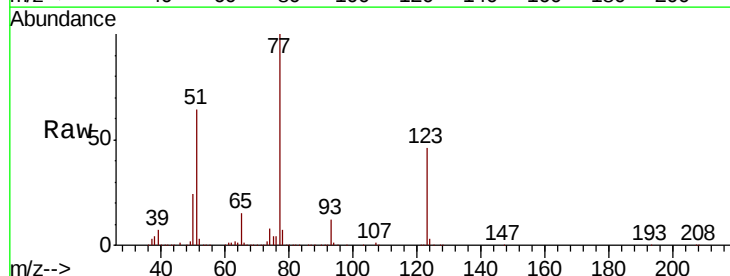


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

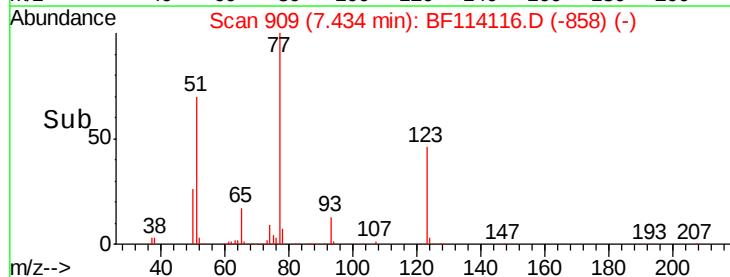
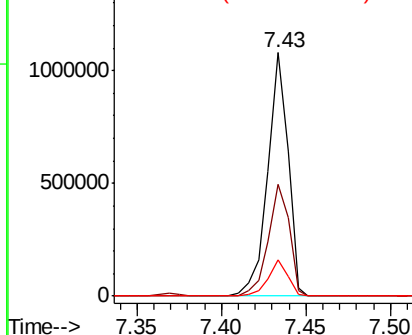


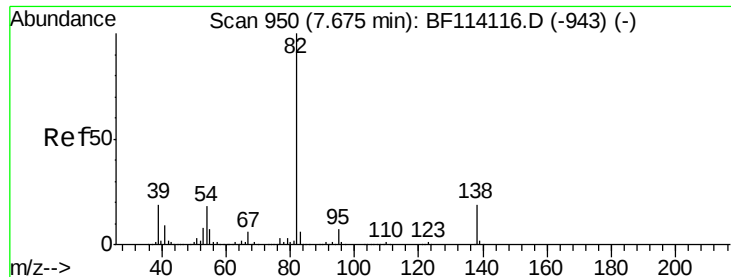
#24
Nitrobenzene
Concen: 38.753 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion: 77 Resp: 900454
Ion Ratio Lower Upper
77 100
123 46.1 36.9 55.3
65 14.7 11.8 17.6



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





#25

Isophorone

Concen: 36.541 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

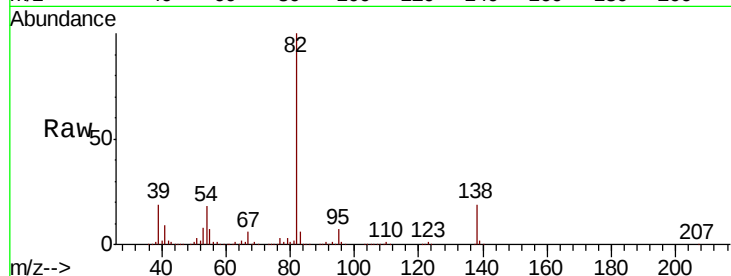
Tot Ion: 82 Resp: 1560405

Ion Ratio Lower Upper

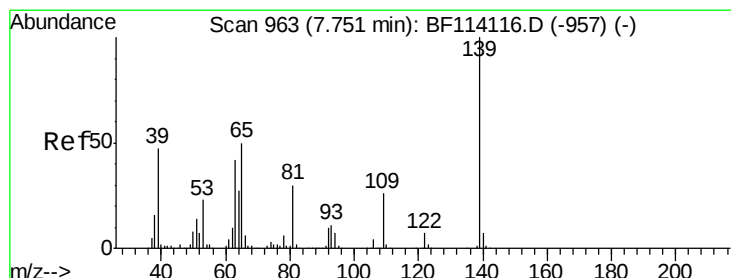
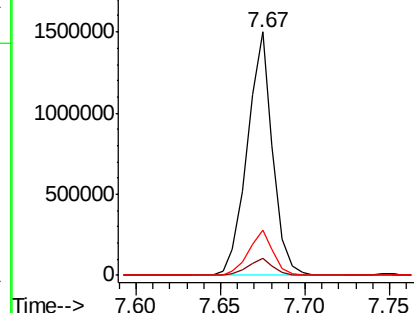
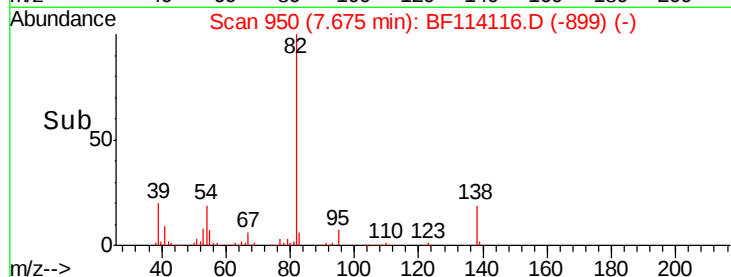
82 100

95 7.0 5.6 8.4

138 18.5 14.8 22.2



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



#26

2-Nitrophenol

Concen: 35.838 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

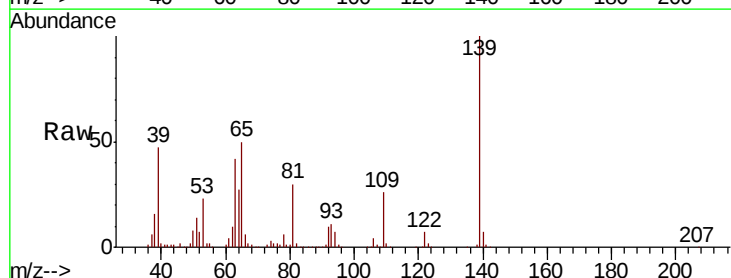
Tgt Ion: 139 Resp: 426753

Ion Ratio Lower Upper

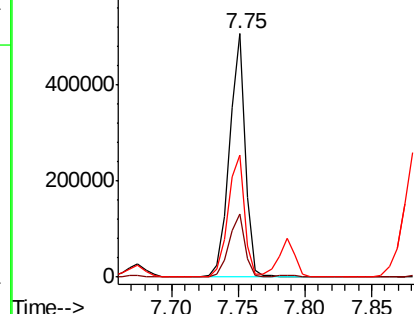
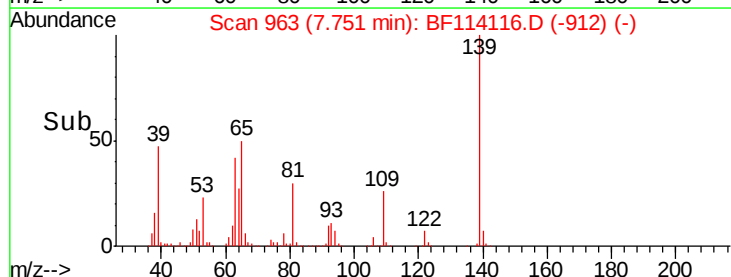
139 100

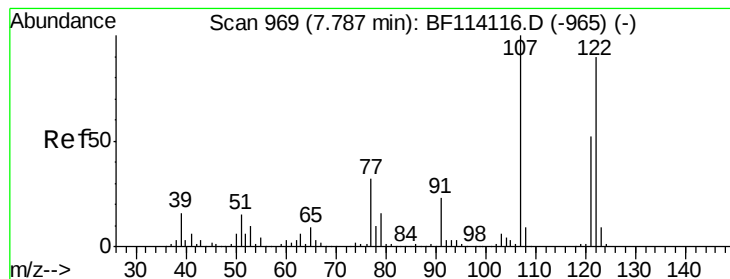
109 25.9 20.7 31.1

65 50.2 40.2 60.2



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





#27

2,4-Dimethylphenol

Concen: 41.639 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

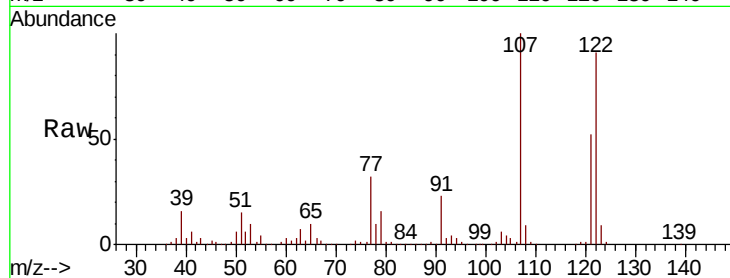
Tot Ion:122 Resp: 671634

Ion Ratio Lower Upper

122 100

107 110.5 88.4 132.6

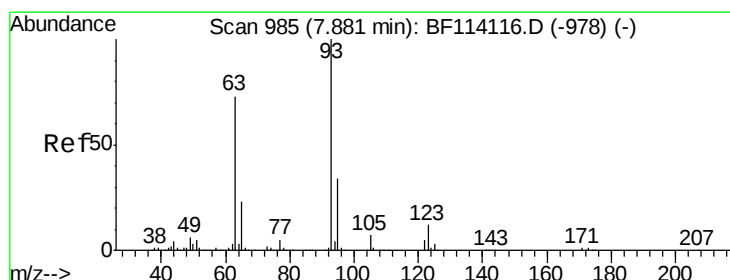
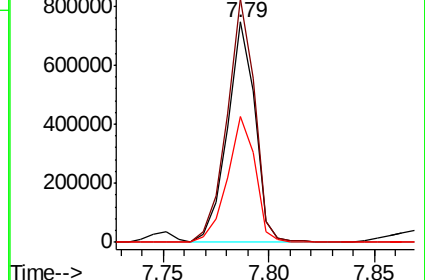
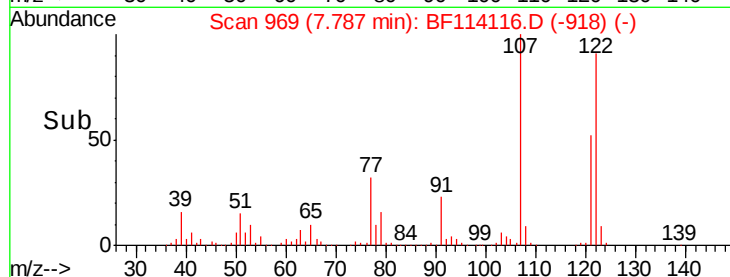
121 57.4 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.649 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

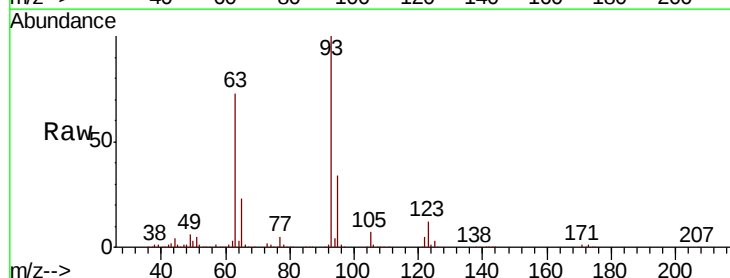
Tgt Ion: 93 Resp: 1035011

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

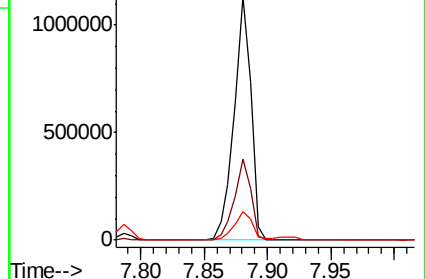
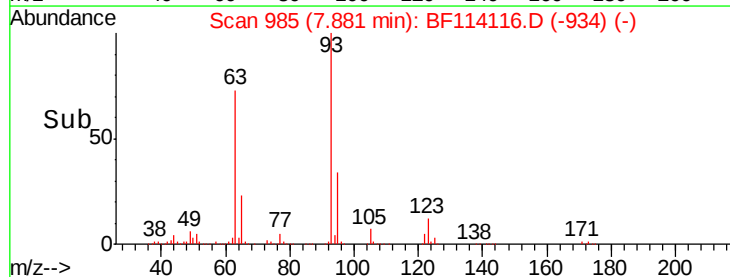
123 11.9 9.5 14.3

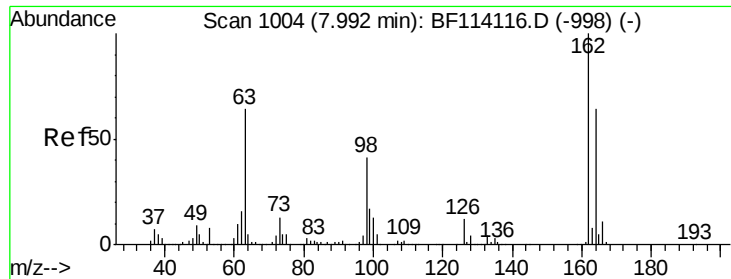


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

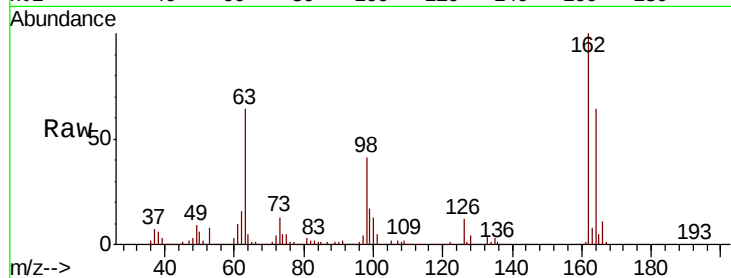




#29
 2,4-Dichlorophenol
 Concen: 36.556 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	40.6	20.6	60.6

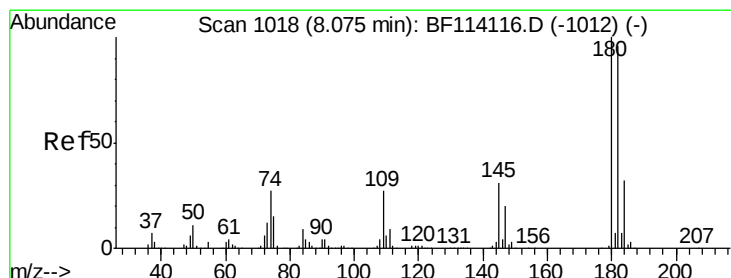
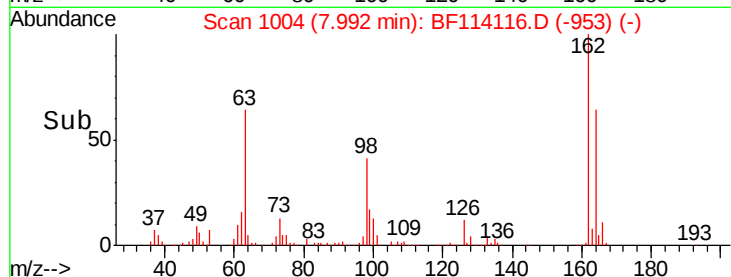
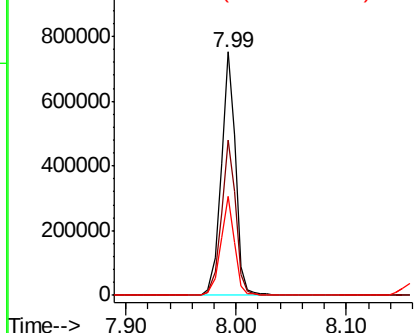


Abundance

Ion 162.00 (161.70 to 162.70): E

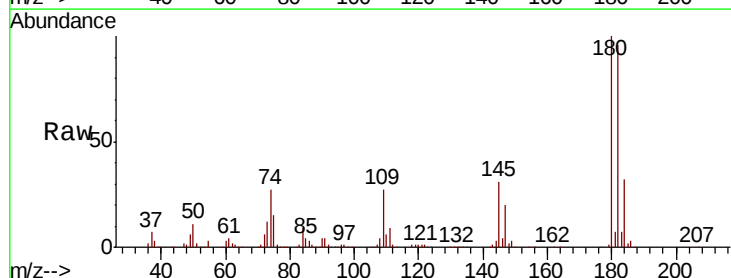
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.719 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	31.4	25.1	37.7

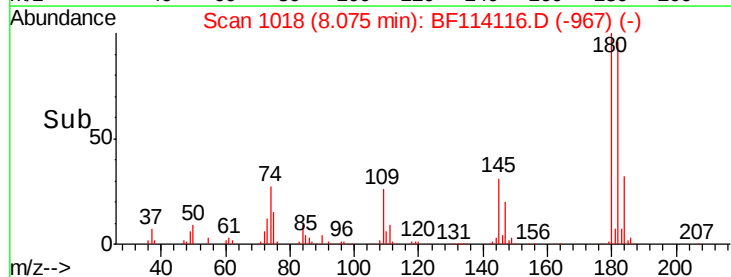
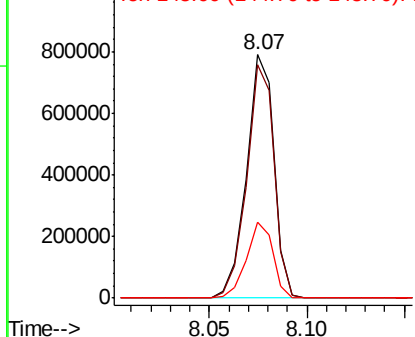


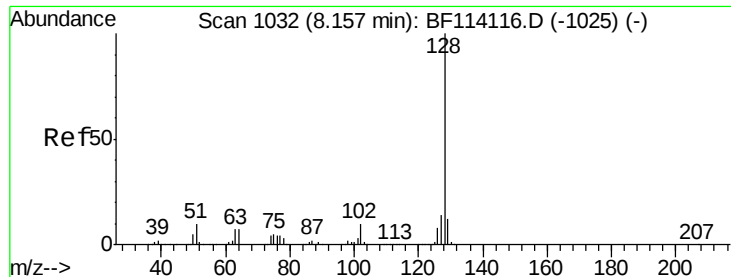
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

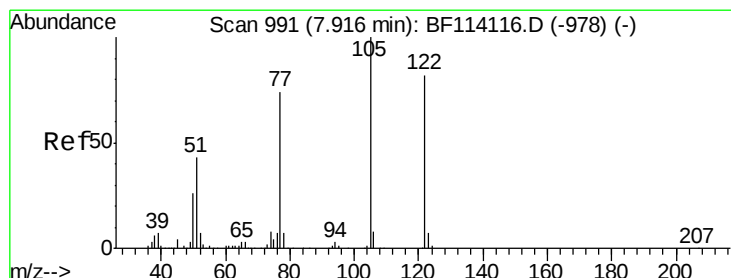
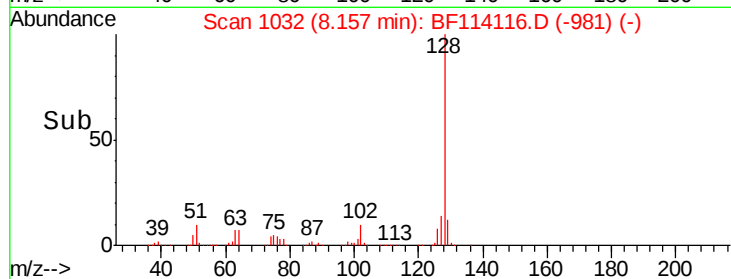
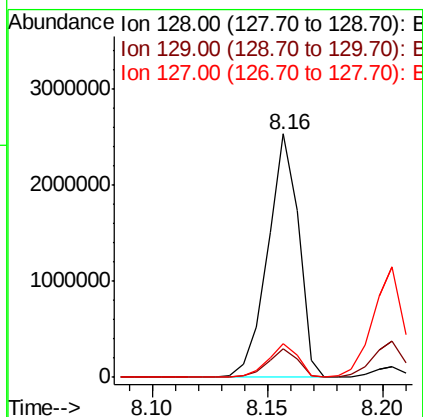
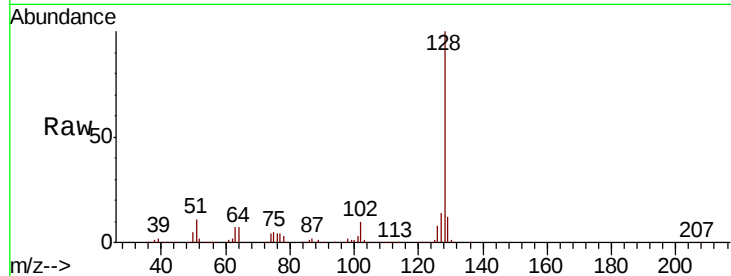




#31
Naphthalene
Concen: 40.121 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

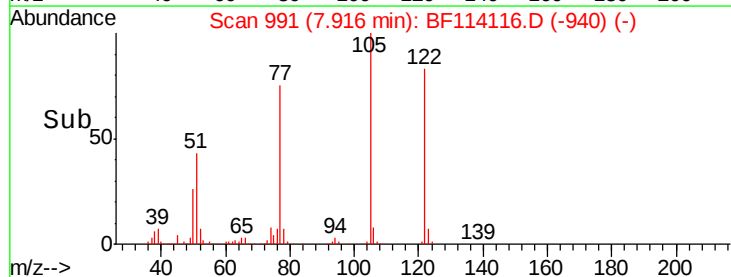
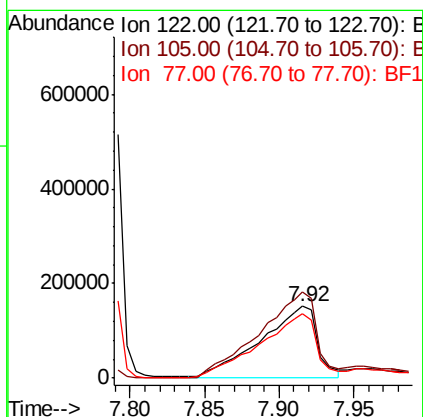
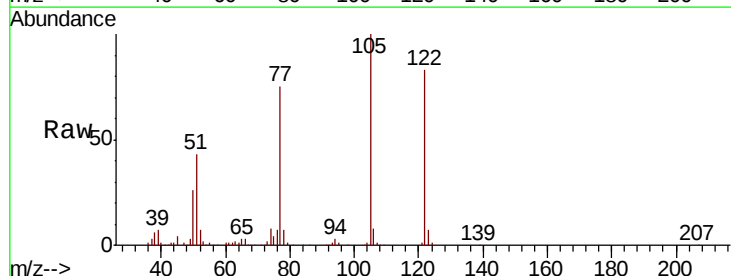
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:128 Resp: 2341921
Ion Ratio Lower Upper
128 100
129 12.0 9.6 14.4
127 14.1 11.3 16.9



#32
Benzoic acid
Concen: 35.303 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:122 Resp: 392779
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 89.4 69.4 109.4

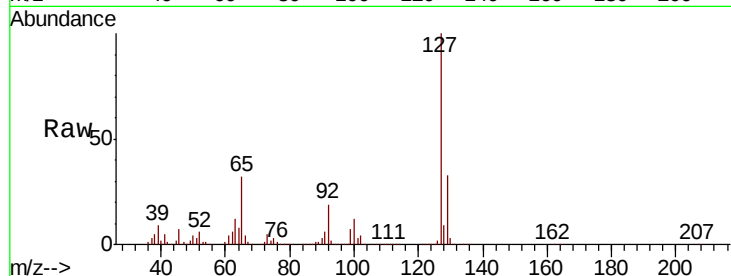




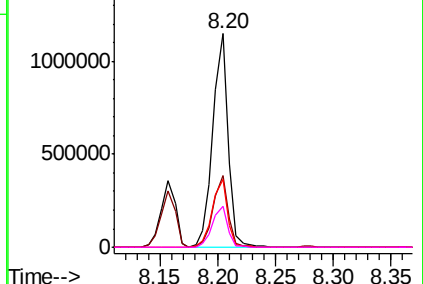
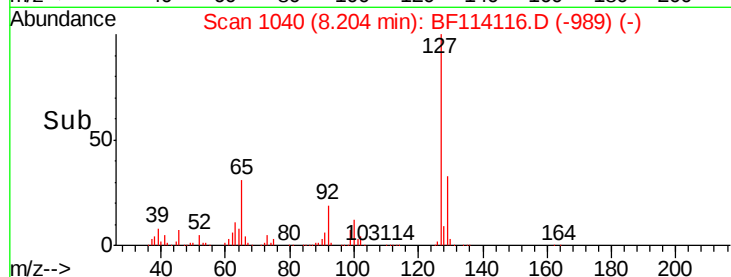
#33
4-Chloroaniline
Concen: 44.559 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:127	Resp: 1062437
Ion Ratio	Lower Upper
127 100	
129 33.4	26.7 40.1
65 31.7	25.4 38.0
92 19.3	15.4 23.2

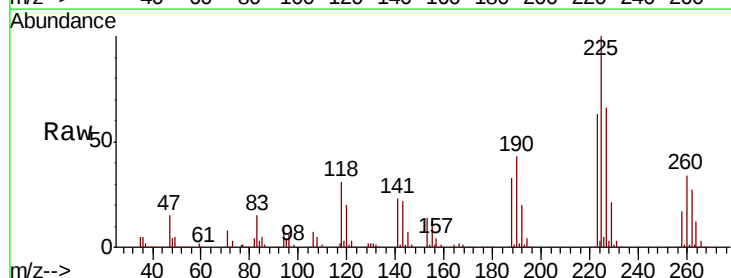


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

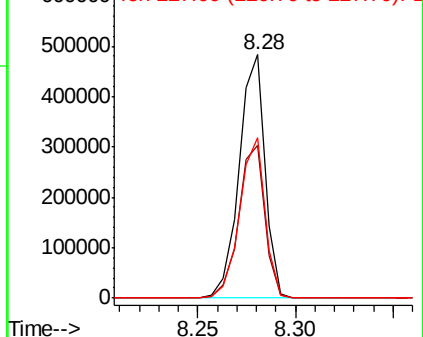
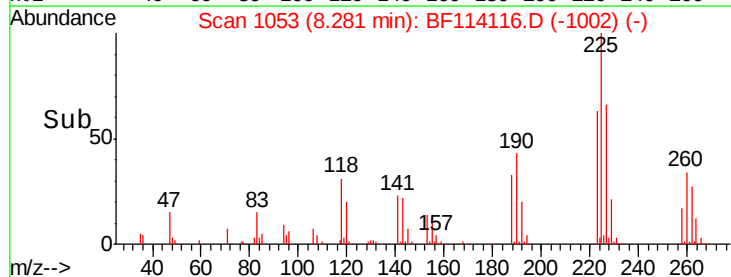


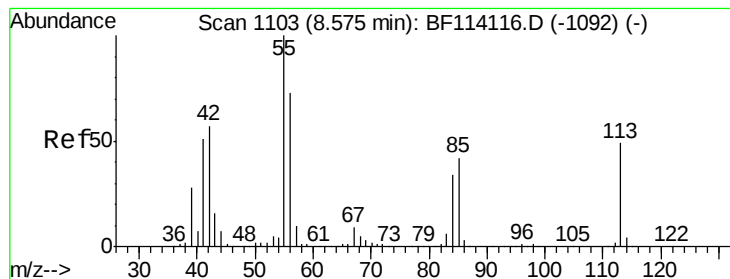
#34
Hexachlorobutadiene
Concen: 34.356 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	225	Resp: 442653	
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	65.8	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: 41.666 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

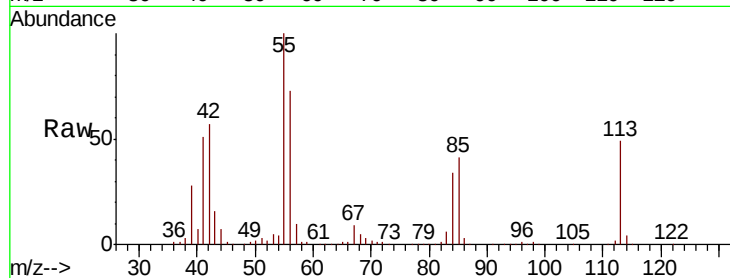
Tot Ion:113 Resp: 228770

Ion Ratio Lower Upper

113 100

55 203.5 183.5 223.5

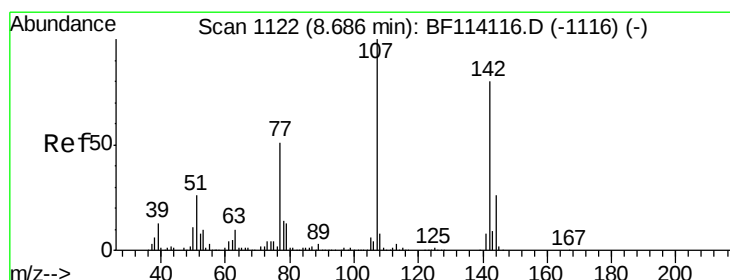
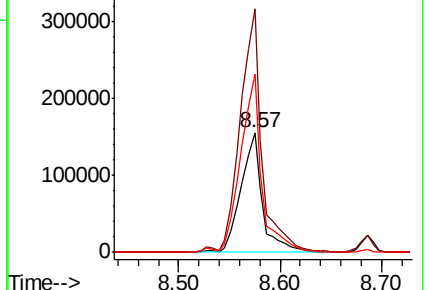
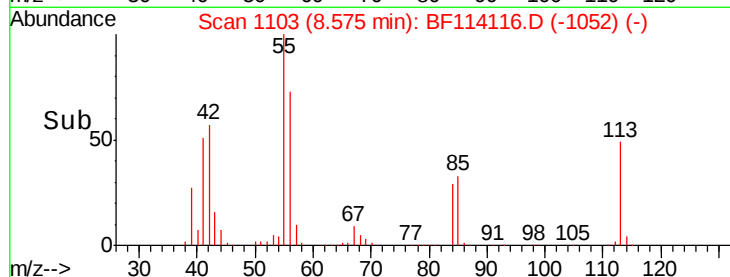
56 148.8 128.8 168.8



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: 38.185 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

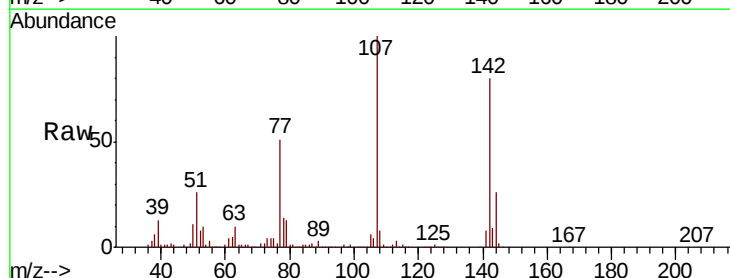
Tgt Ion:107 Resp: 698091

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

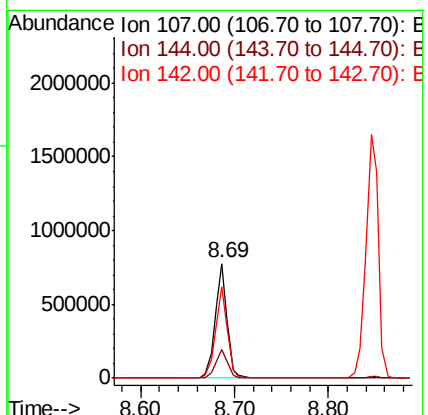
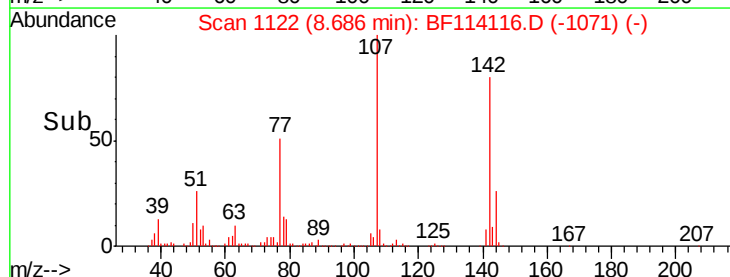
142 80.3 64.2 96.4

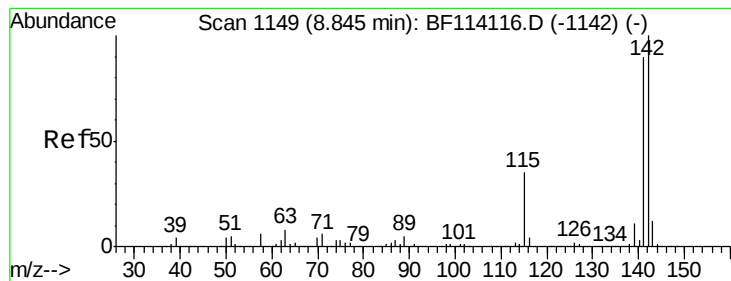


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

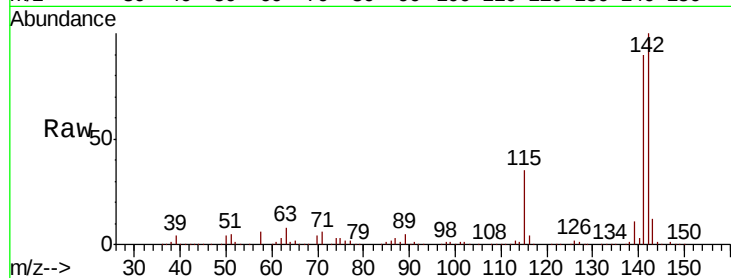




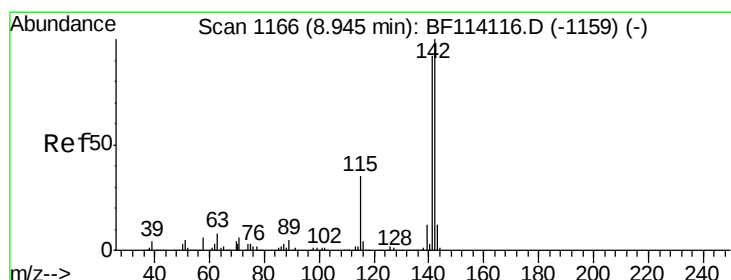
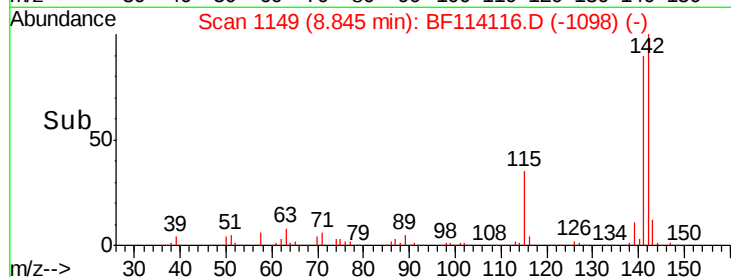
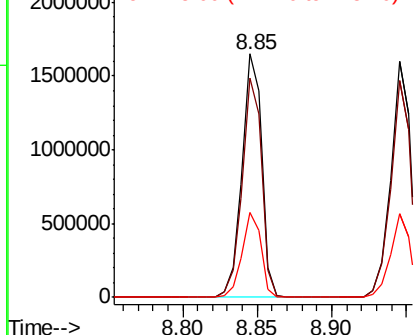
#37
2-Methylnaphthalene
Concen: 38.937 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:142 Resp: 1517604
Ion Ratio Lower Upper
142 100
141 90.1 72.1 108.1
115 35.0 28.0 42.0

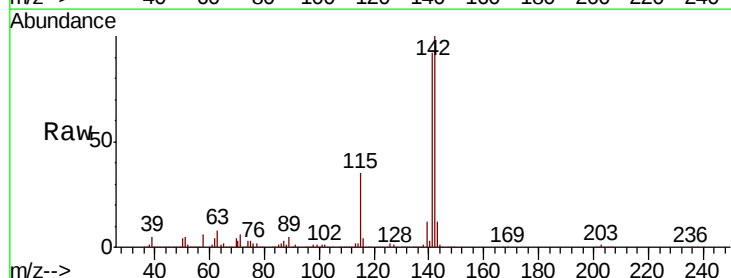


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

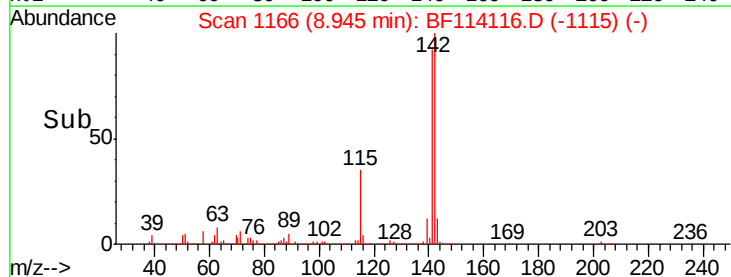
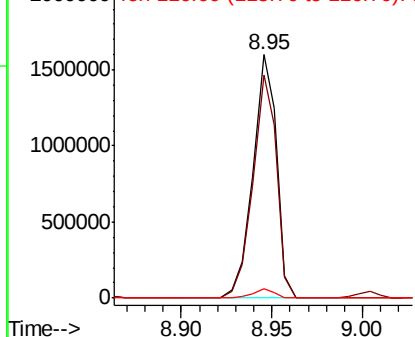


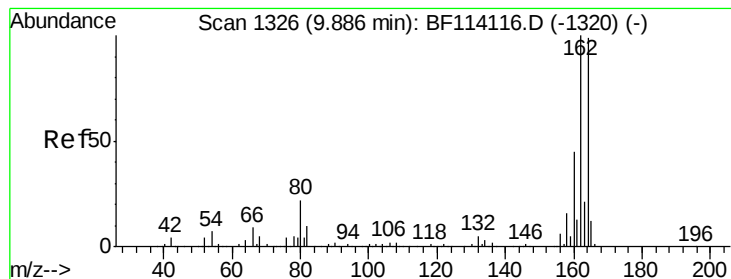
#38
1-Methylnaphthalene
Concen: 38.230 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:142 Resp: 1441437
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0
116 3.9 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

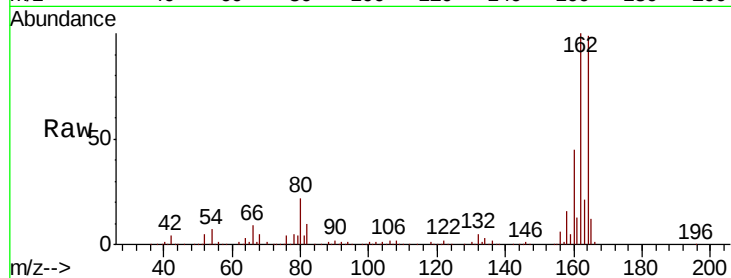
Tot Ion:164 Resp: 552665

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

160 45.6 36.5 54.7

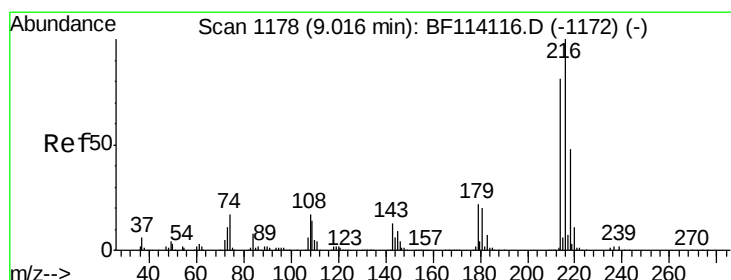
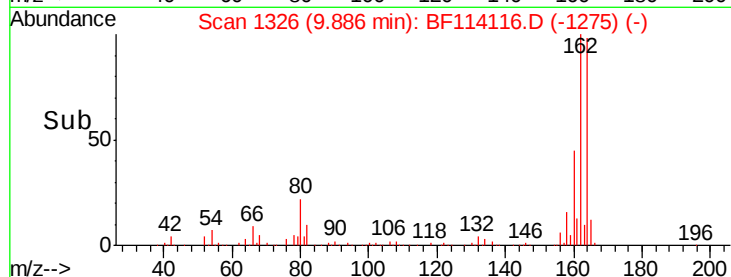
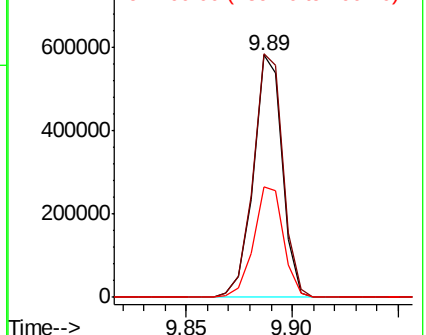


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.561 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion:216 Resp: 700082

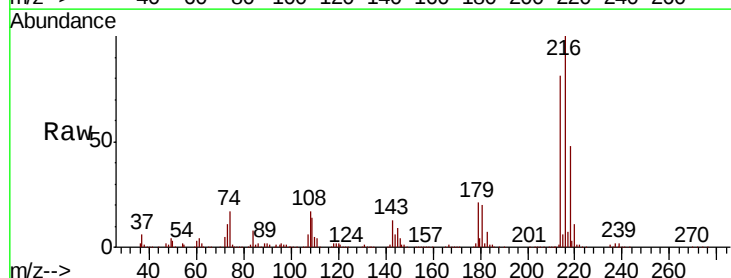
Ion Ratio Lower Upper

216 100

214 79.9 63.9 95.9

179 21.3 17.0 25.6

108 18.5 14.8 22.2



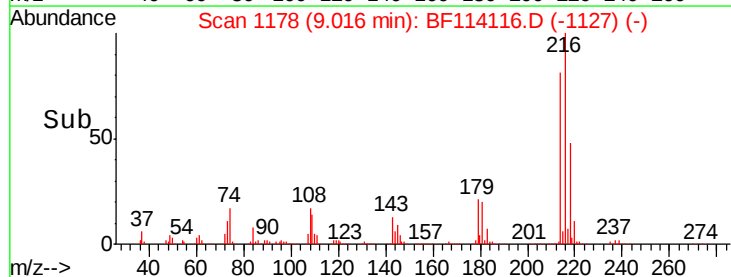
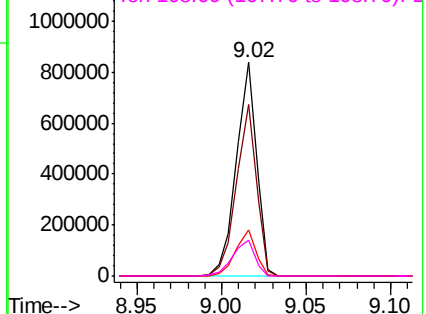
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

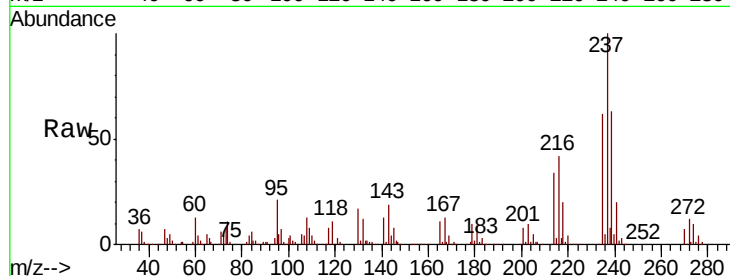




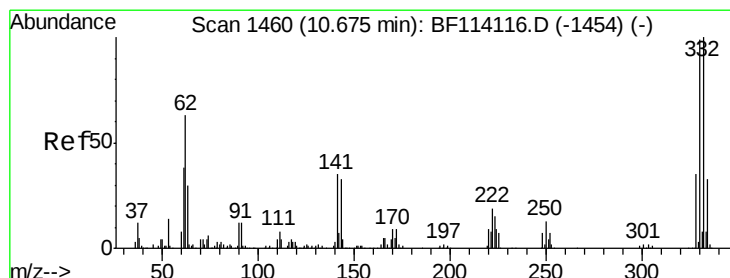
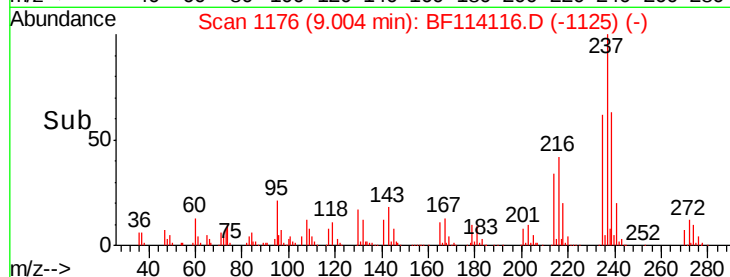
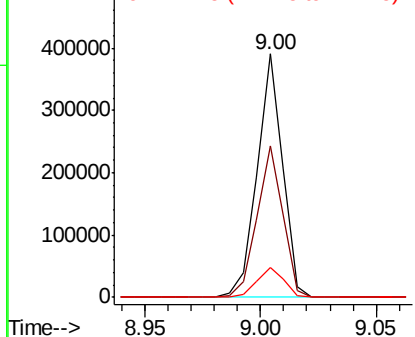
#41
Hexachlorocyclopentadiene
Concen: 42.375 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	237	Resp:	300306
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.0	82.0
272	12.4	0.0	32.4

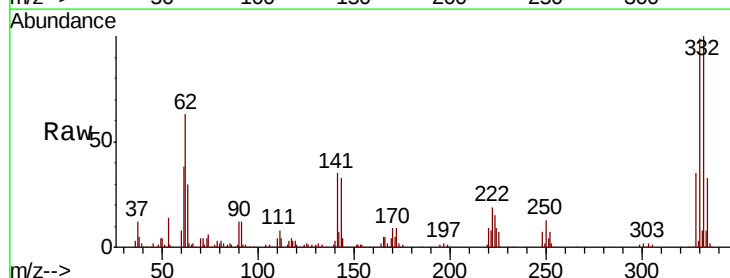


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

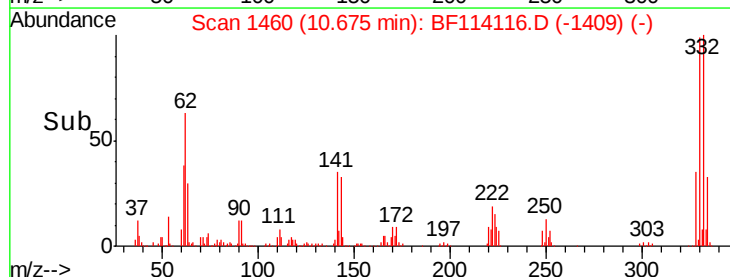
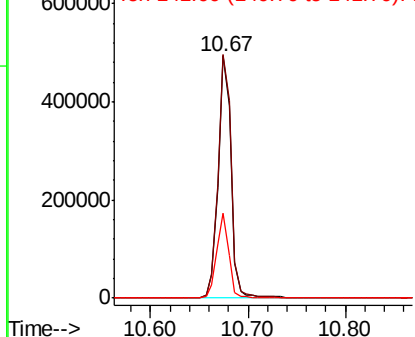


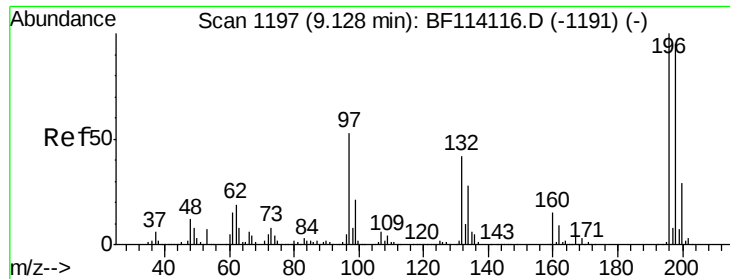
#42
2,4,6-Tribromophenol
Concen: 65.415 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:	330	Resp:	455014
Ion Ratio	Lower	Upper	
330	100		
332	101.8	81.4	122.2
141	33.3	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

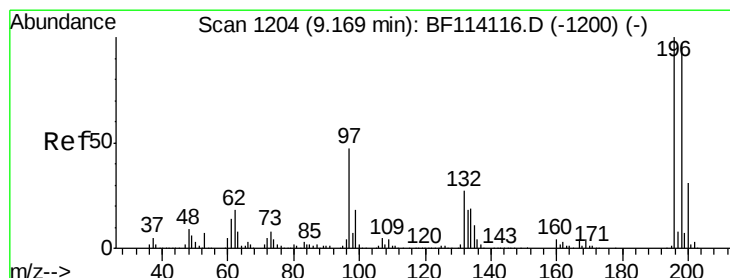
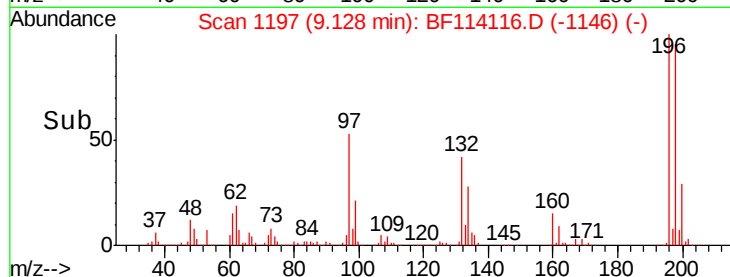
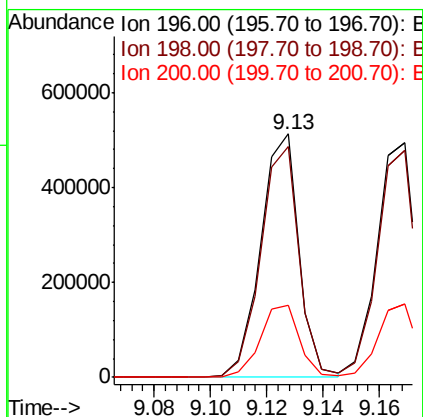
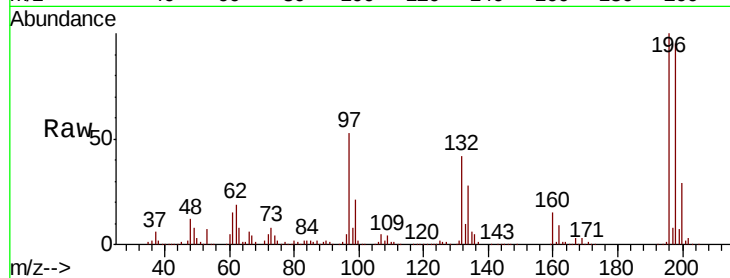




#43
 2,4,6-Trichlorophenol
 Concen: 43.375 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

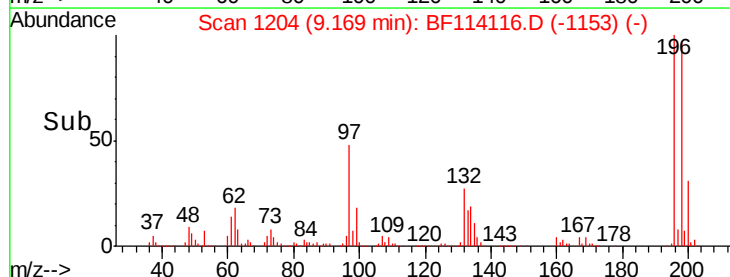
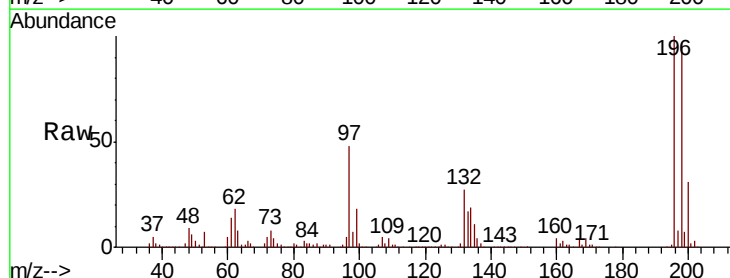
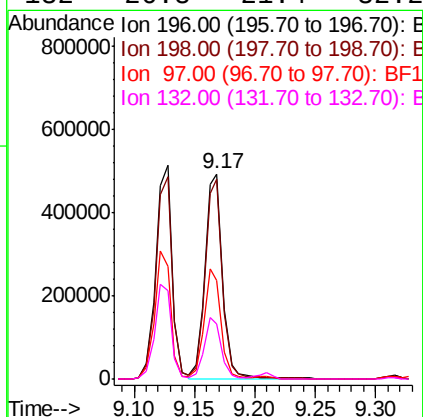
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

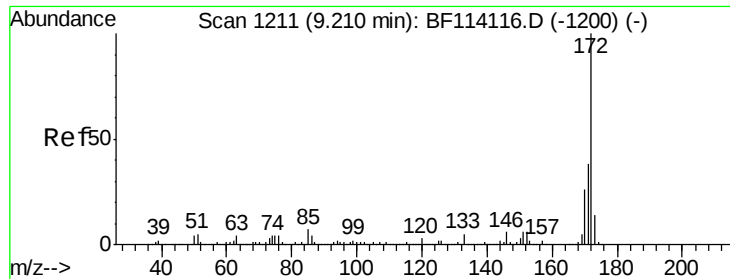
Tot Ion:196 Resp: 480964
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.9 113.9
 200 29.4 23.5 35.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.450 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion:196 Resp: 493420
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.7 116.5
 97 47.7 38.2 57.2
 132 26.8 21.4 32.2

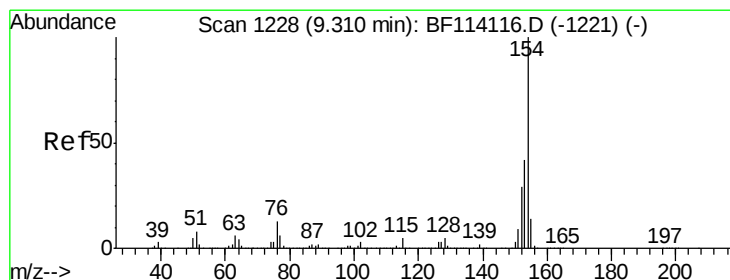
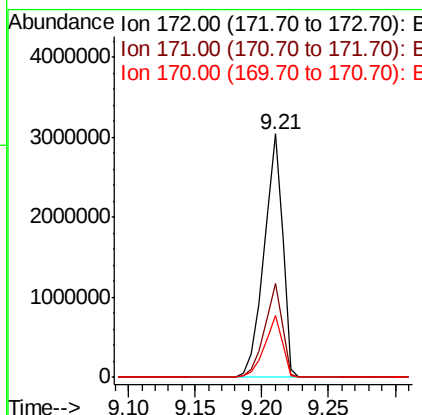
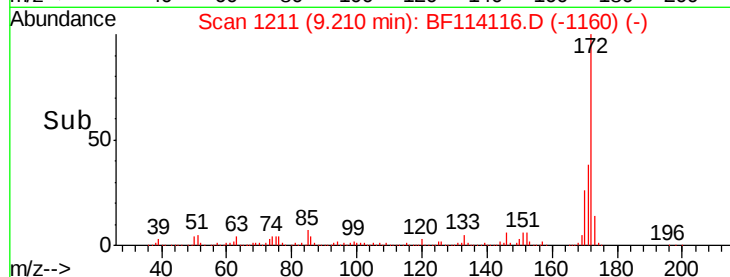
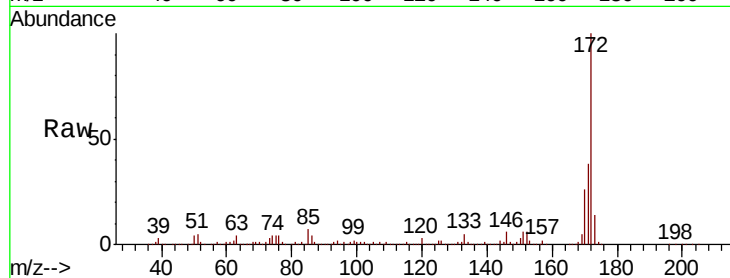




#45
2-Fluorobiphenyl
Concen: 83.805 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

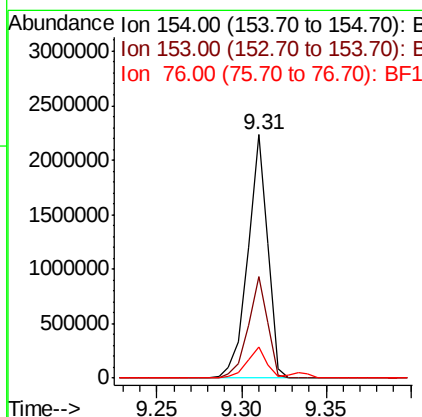
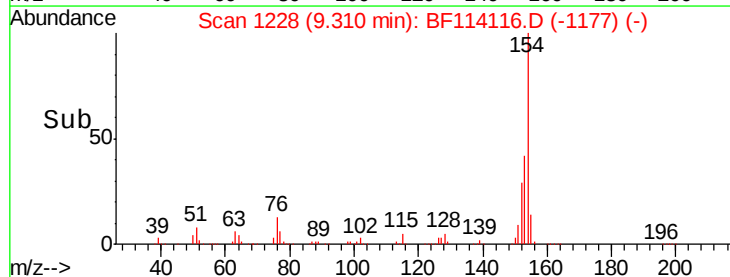
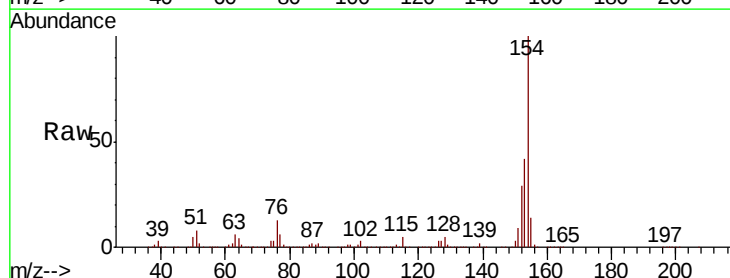
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

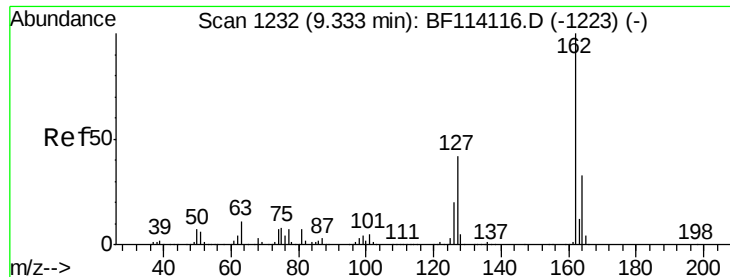
Tot Ion:172 Resp: 2904884
Ion Ratio Lower Upper
172 100
171 38.4 30.7 46.1
170 25.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 44.602 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:154 Resp: 1836059
Ion Ratio Lower Upper
154 100
153 41.9 21.9 61.9
76 12.8 0.0 32.8

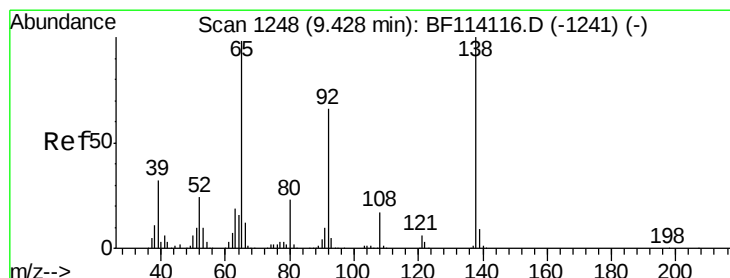
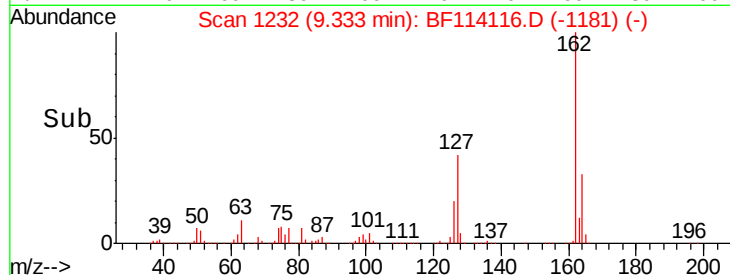
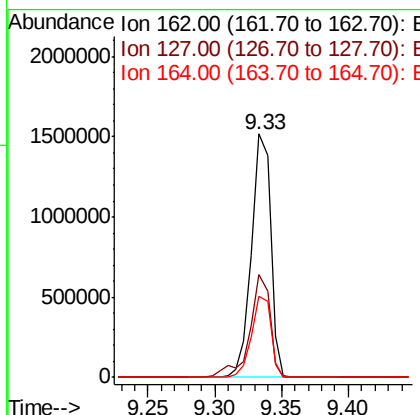
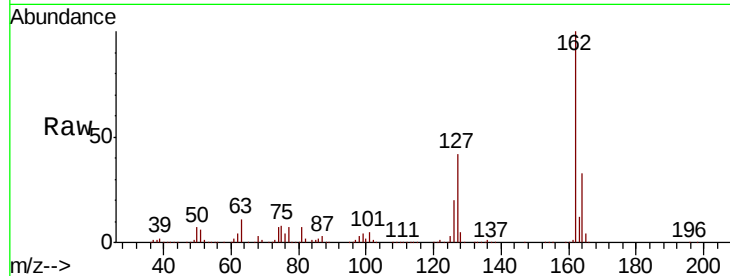




#47
 2-Chloronaphthalene
 Concen: 44.346 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

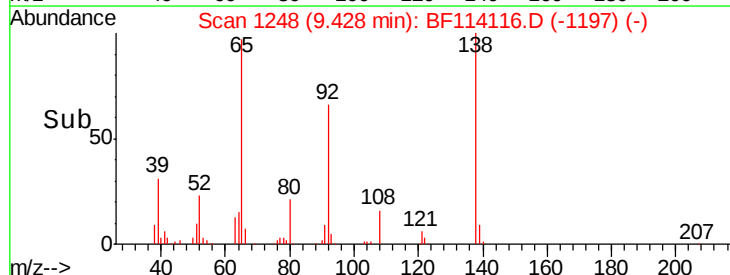
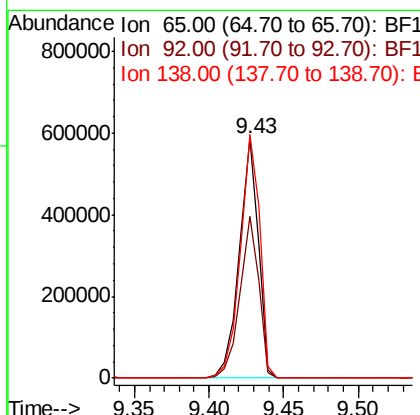
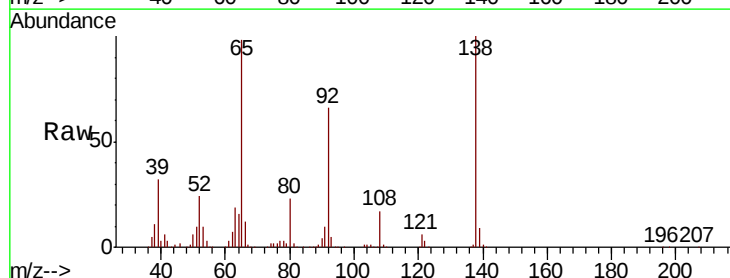
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

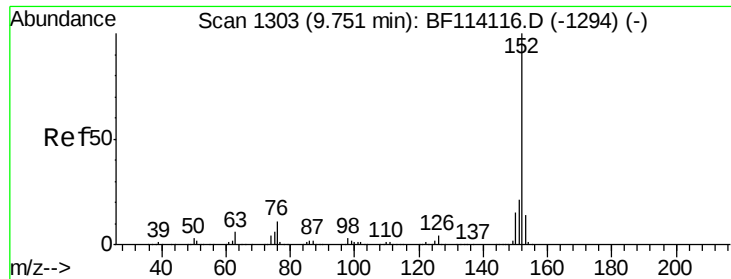
Tot Ion:162 Resp: 1487638
 Ion Ratio Lower Upper
 162 100
 127 42.5 34.0 51.0
 164 33.4 26.7 40.1



#48
 2-Nitroaniline
 Concen: 56.203 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion: 65 Resp: 523818
 Ion Ratio Lower Upper
 65 100
 92 67.4 53.9 80.9
 138 101.7 81.4 122.0





#49

Acenaphthylene

Concen: 42.891 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

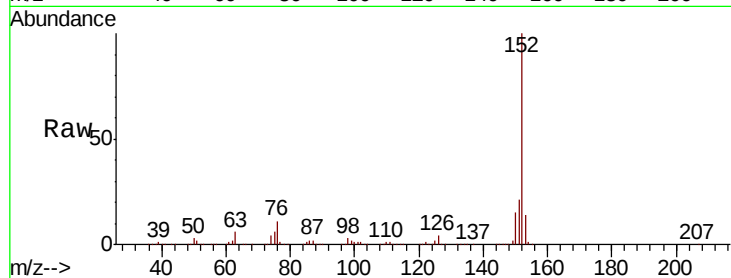
Tot Ion:152 Resp: 2268641

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

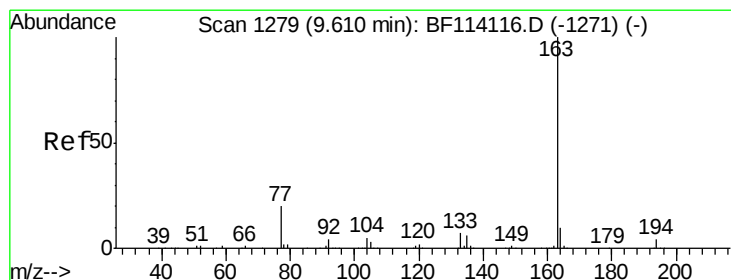
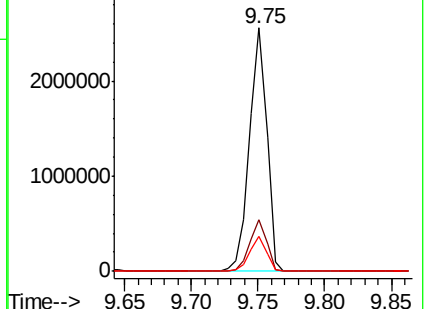
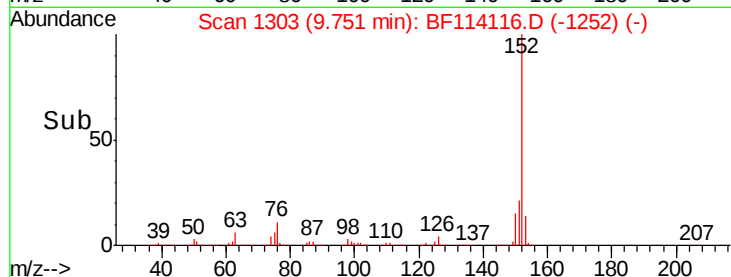
153 14.3 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.423 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

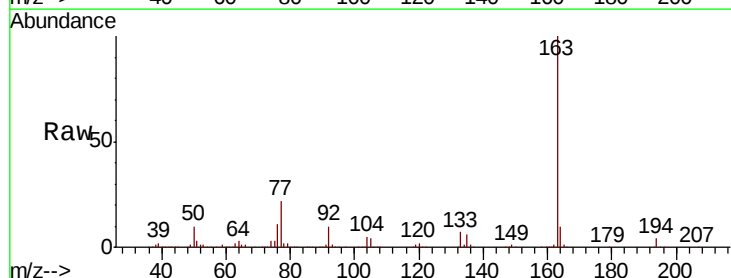
Tgt Ion:163 Resp: 1653581

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

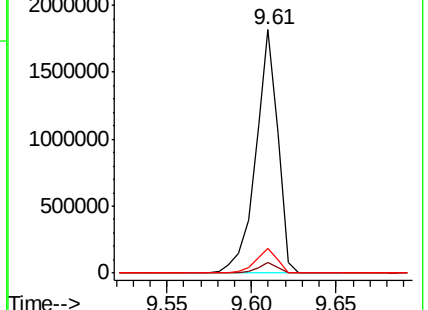
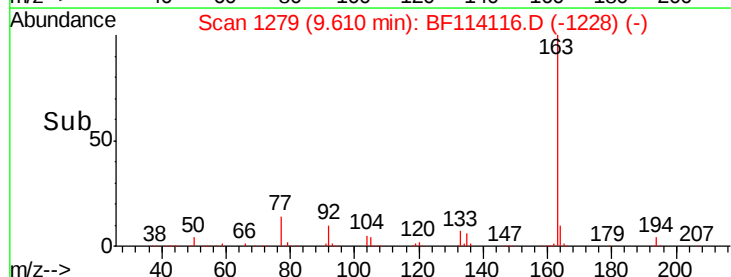
164 10.2 8.2 12.2

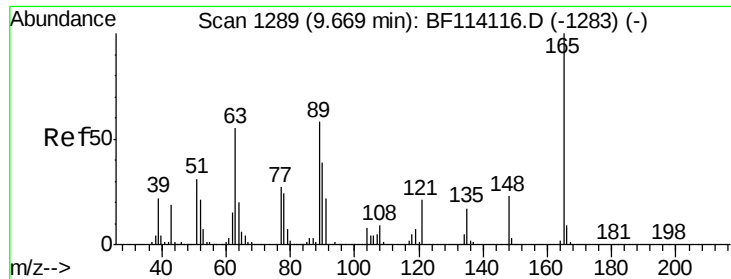


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

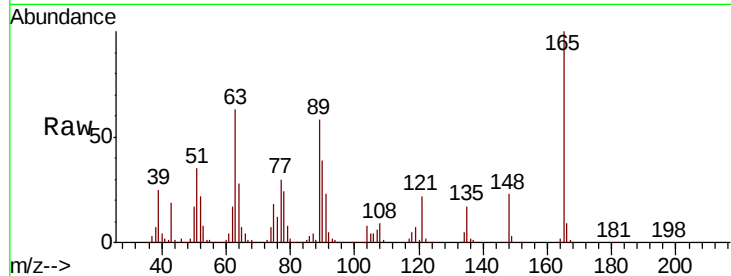




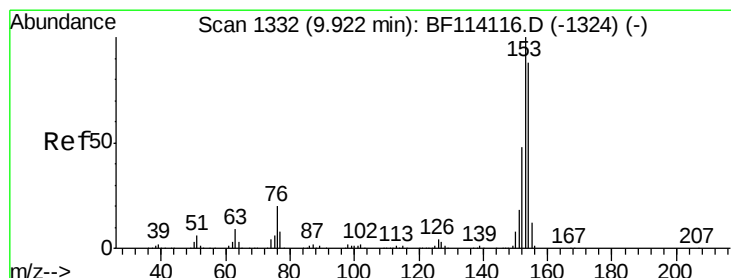
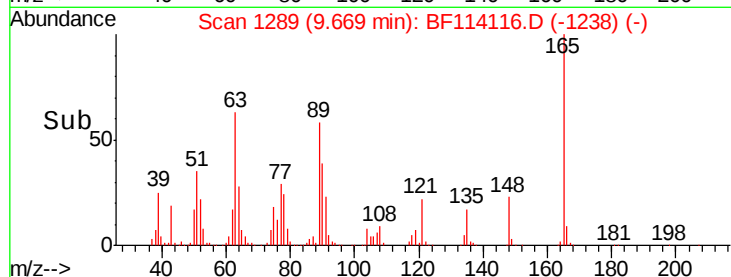
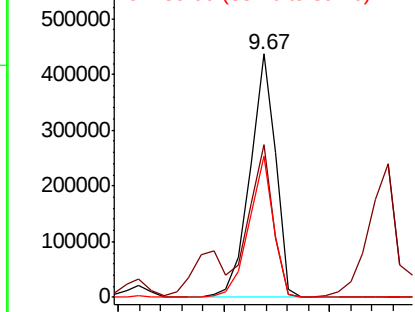
#51
2,6-Dinitrotoluene
Concen: 40.743 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:165 Resp: 368612
Ion Ratio Lower Upper
165 100
63 62.8 50.2 75.4
89 58.2 46.6 69.8

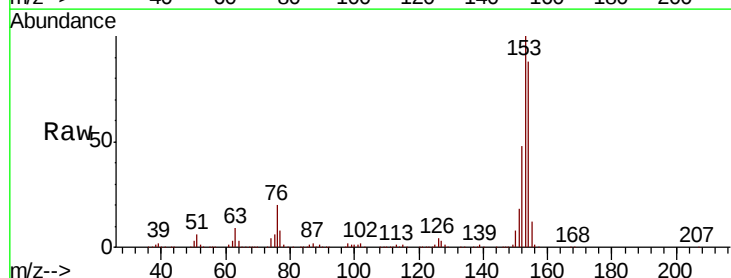


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

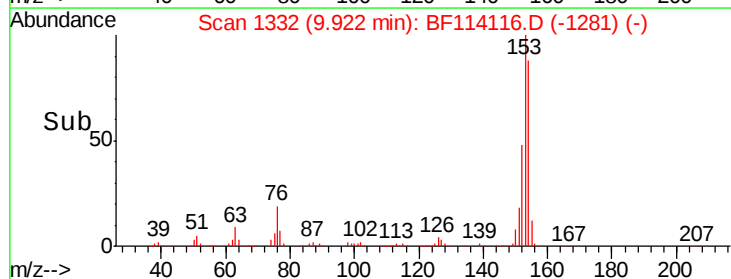
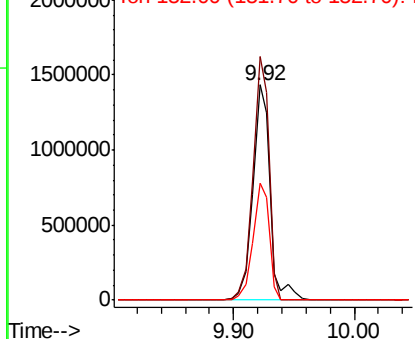


#52
Acenaphthene
Concen: 46.763 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:154 Resp: 1434421
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 54.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

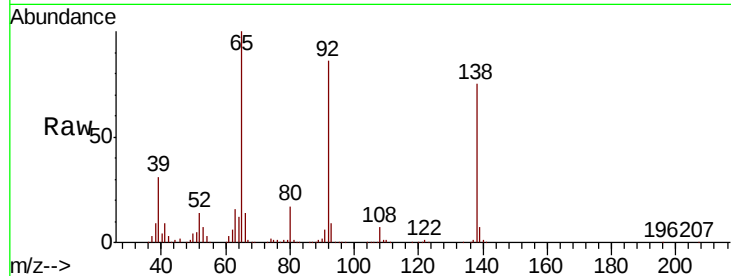




#53
3-Nitroaniline
Concen: 48.554 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	114.0	91.2	136.8

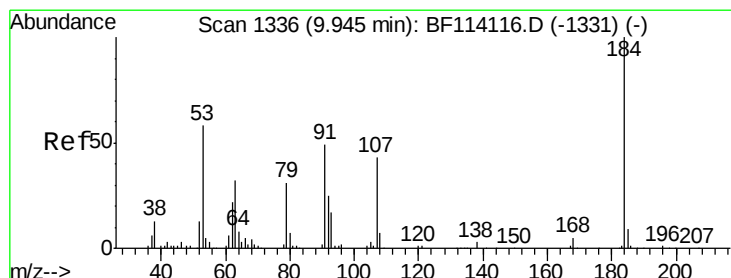
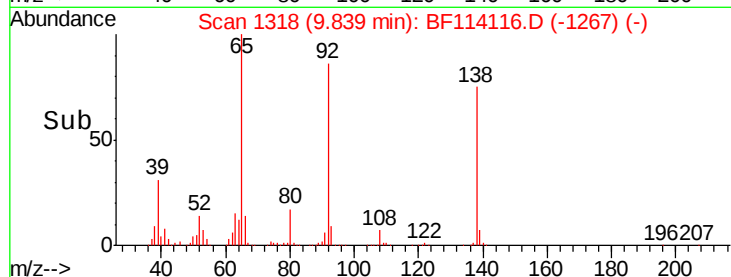
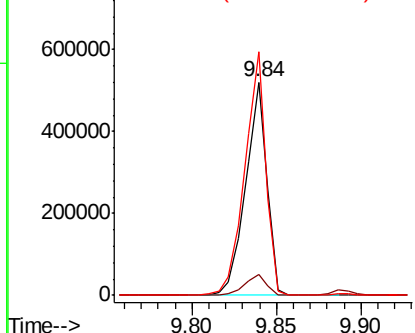


Abundance

Ion 138.00 (137.70 to 138.70): E

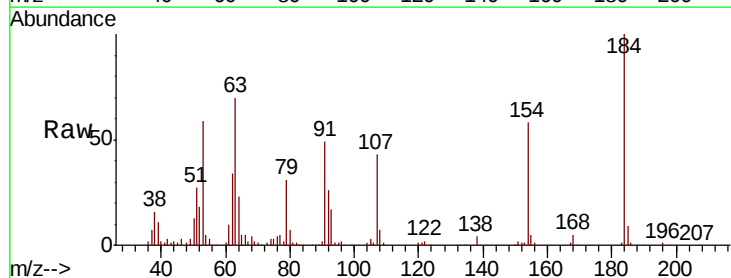
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 37.776 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.5	55.6	83.4
154	57.5	46.0	69.0

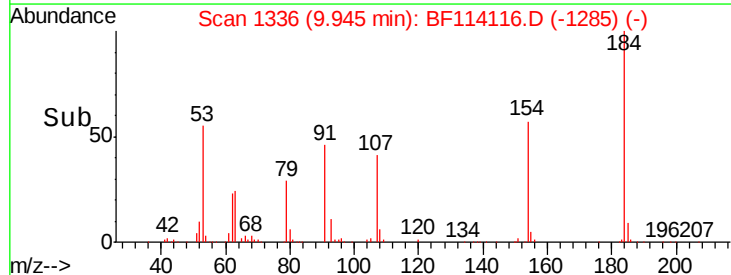
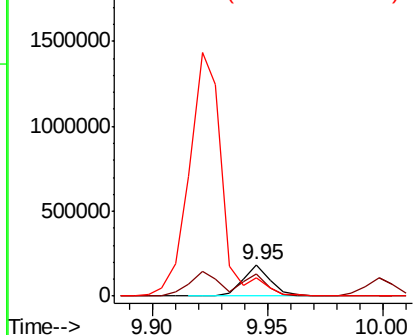


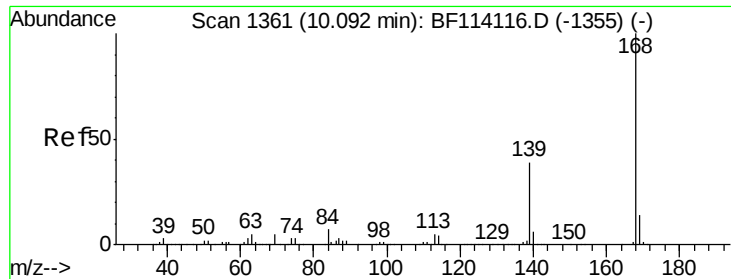
Abundance

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

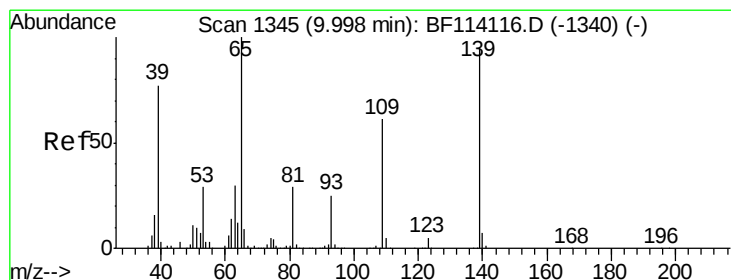
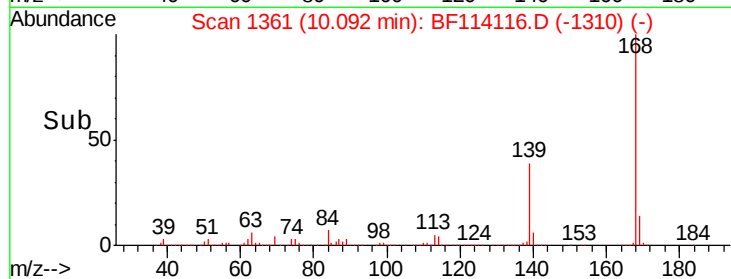
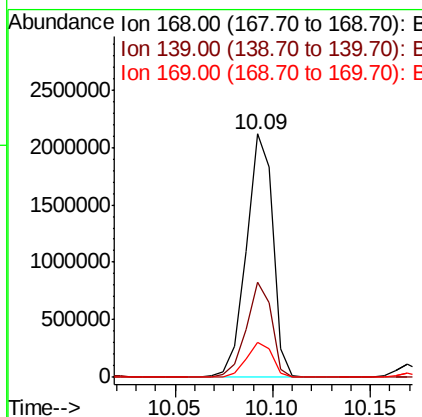
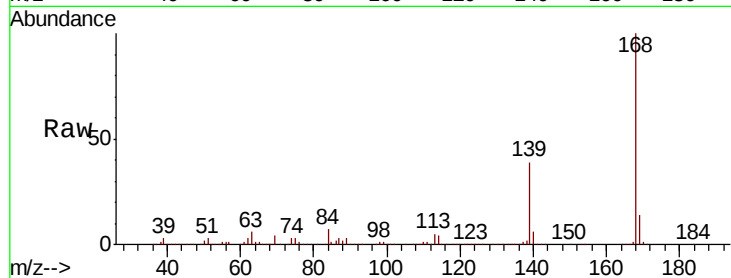




#55
Dibenzenofuran
Concen: 41.257 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

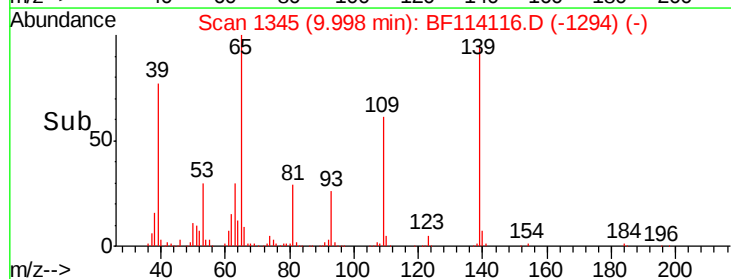
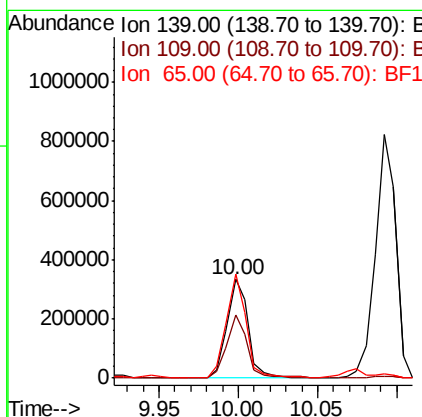
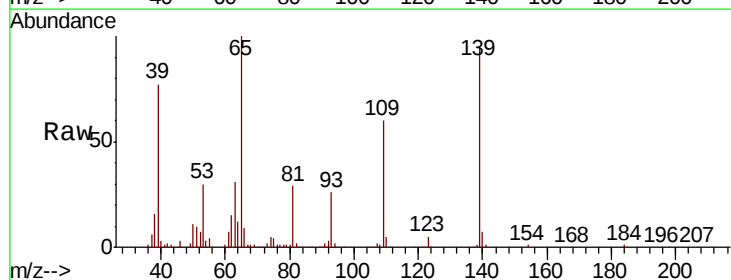
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

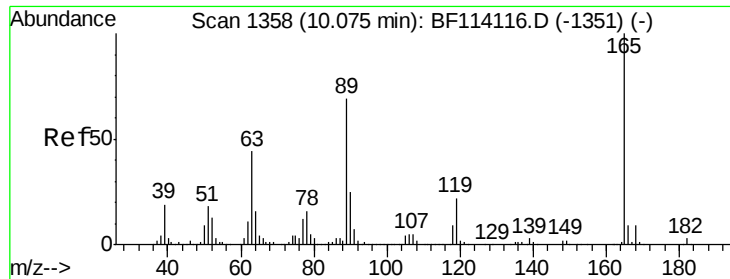
Tot Ion:168 Resp: 1990218
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 14.2 11.4 17.0



#56
4-Nitrophenol
Concen: 43.598 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:139 Resp: 313744
Ion Ratio Lower Upper
139 100
109 63.9 43.9 83.9
65 105.7 85.7 125.7

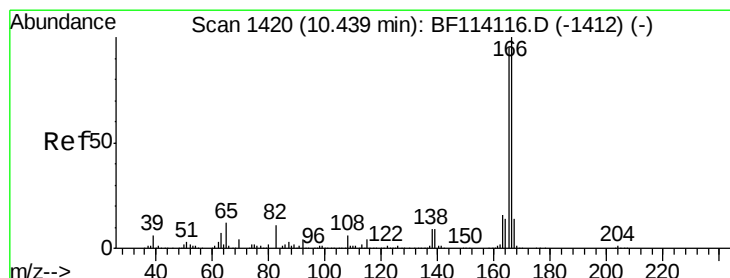
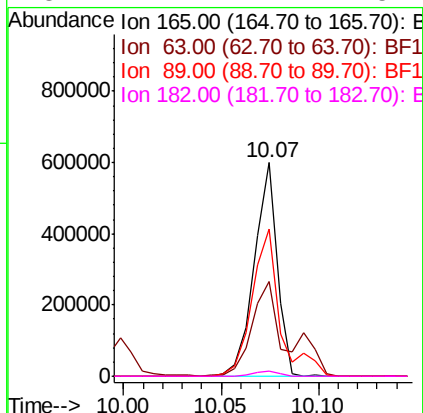
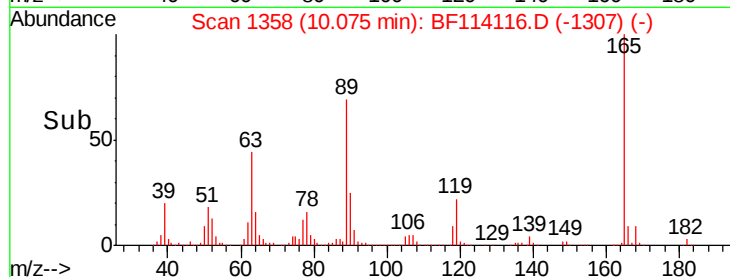
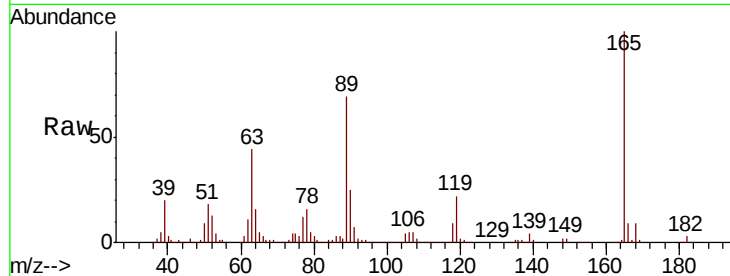




#57
2,4-Dinitrotoluene
Concen: 40.047 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

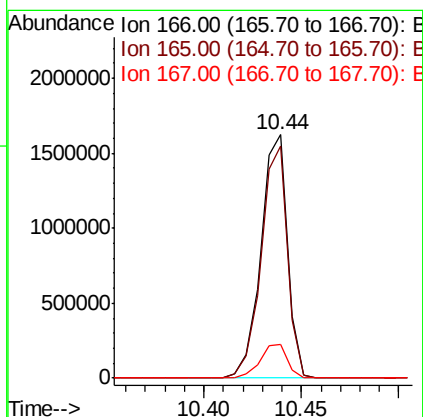
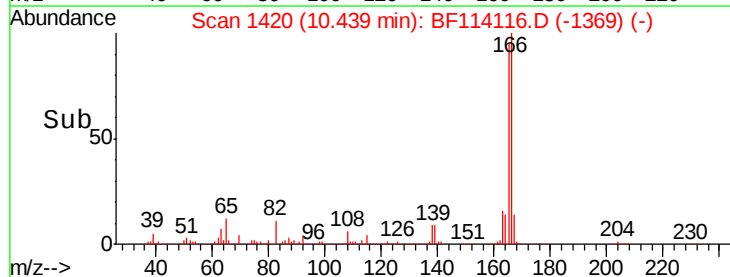
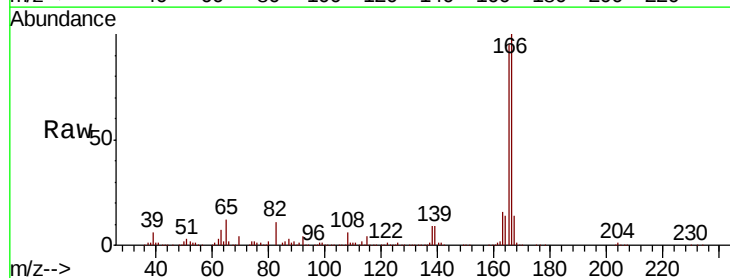
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

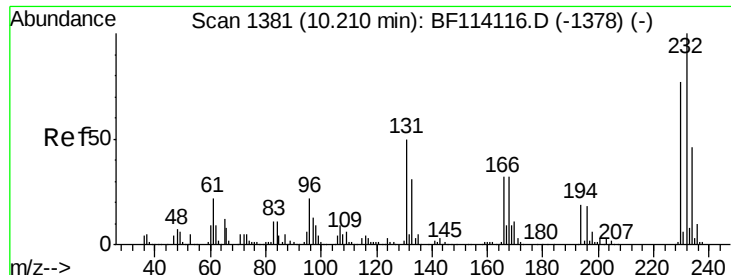
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	35.5	53.3
89	69.0	55.2	82.8
182	2.7	2.2	3.2



#58
Fluorene
Concen: 41.281 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.1	114.1
167	13.9	11.1	16.7

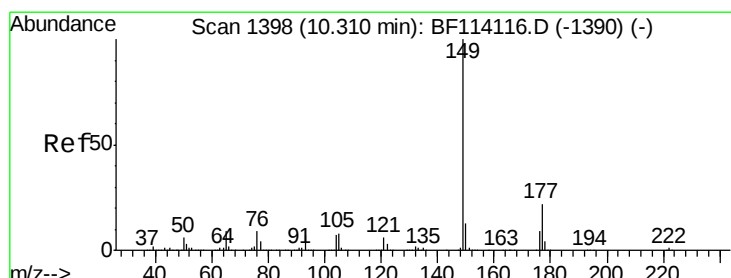
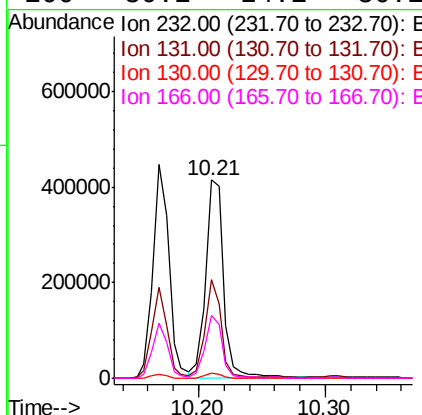
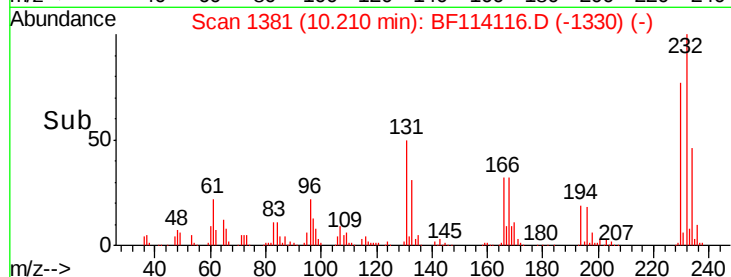
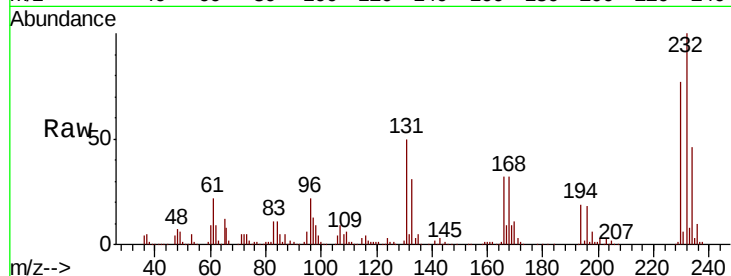




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.049 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

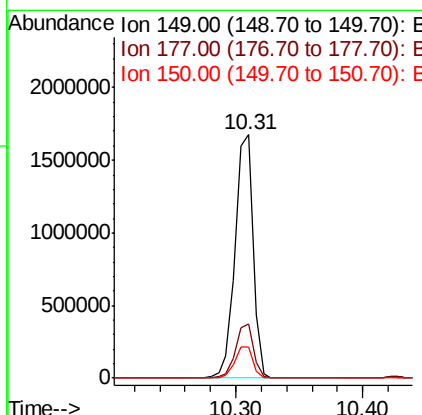
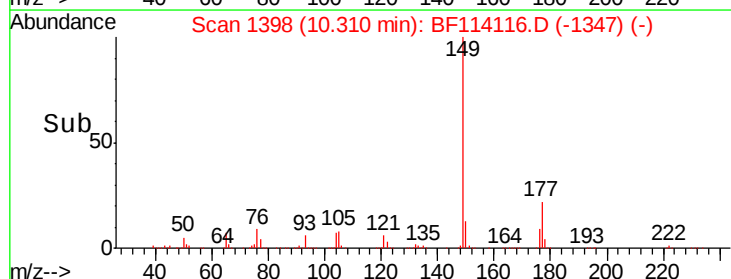
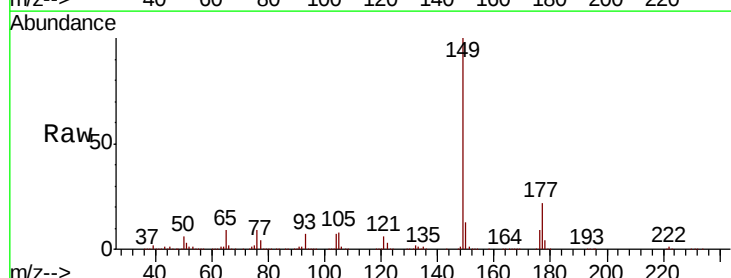
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

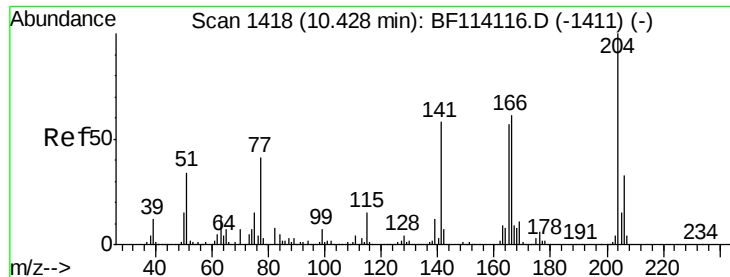
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.6	53.4
130	2.0	1.6	2.4
166	30.1	24.1	36.1



#60
 Diethylphthalate
 Concen: 41.579 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.6
150	12.7	10.2	15.2

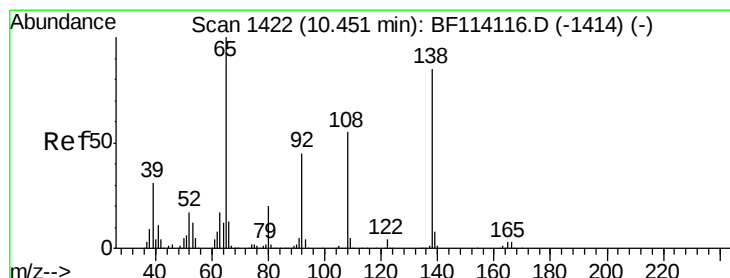
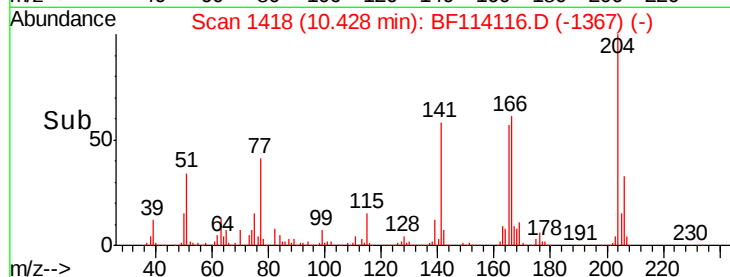
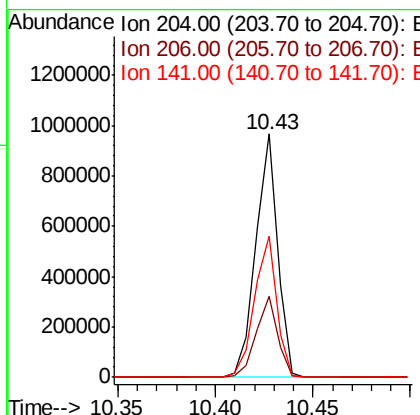
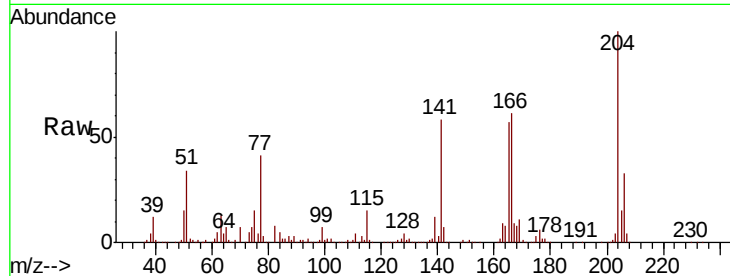




#61
 4-Chlorophenyl-phenylether
 Concen: 39.261 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

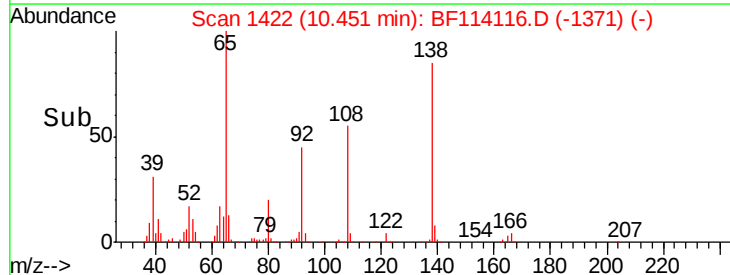
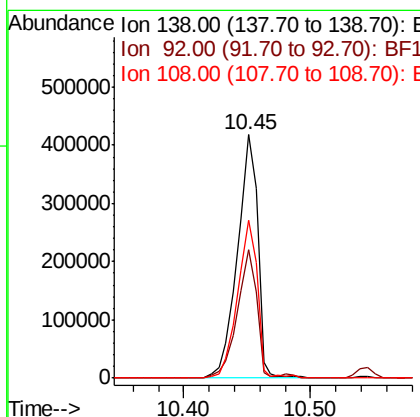
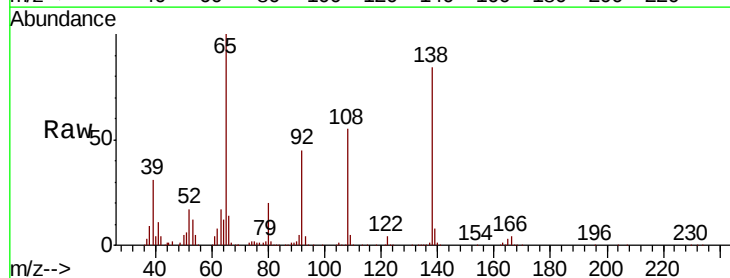
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

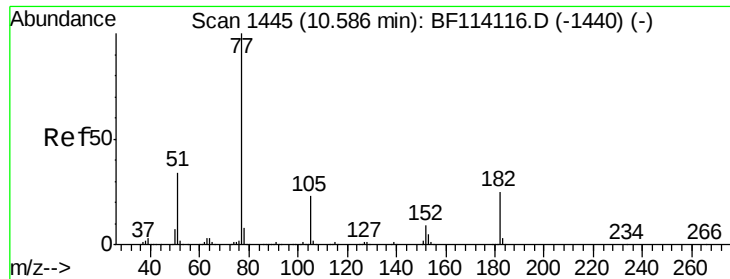
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	58.0	46.4	69.6



#62
 4-Nitroaniline
 Concen: 46.874 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	33.0	73.0
108	64.9	44.9	84.9





#63

Azobenzene

Concen: 42.273 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 1588284

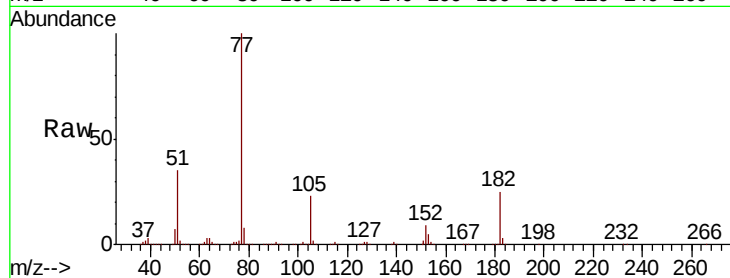
Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.7	44.7
105	22.9	2.9	42.9
51	34.6	14.6	54.6

77 100

182 24.7 4.7 44.7

105 22.9 2.9 42.9

51 34.6 14.6 54.6



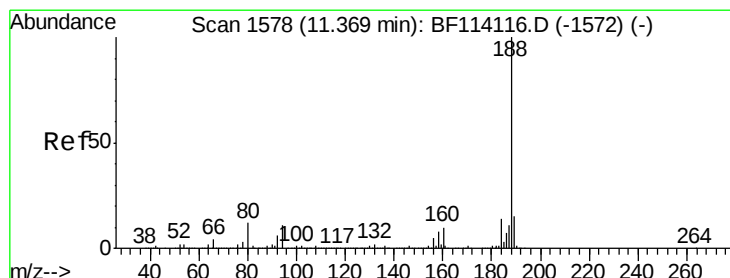
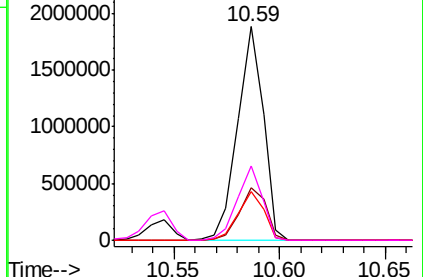
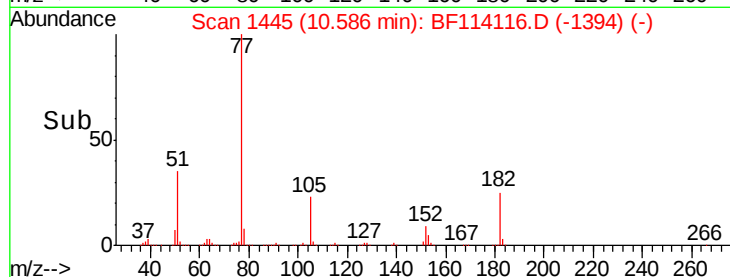
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

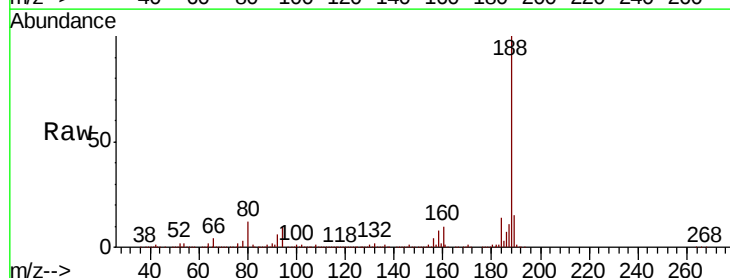
Tgt Ion: 188 Resp: 1101549

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.5	9.2	13.8

188 100

94 10.5 8.4 12.6

80 11.5 9.2 13.8

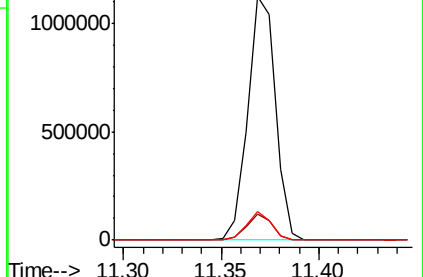
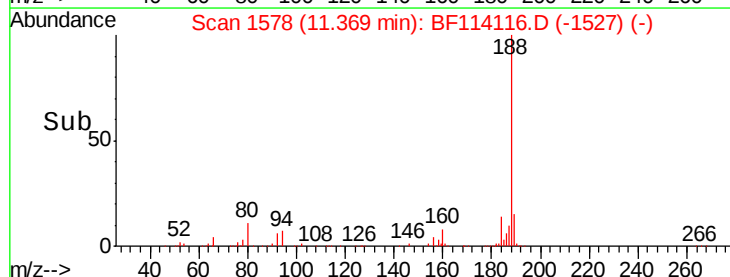


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

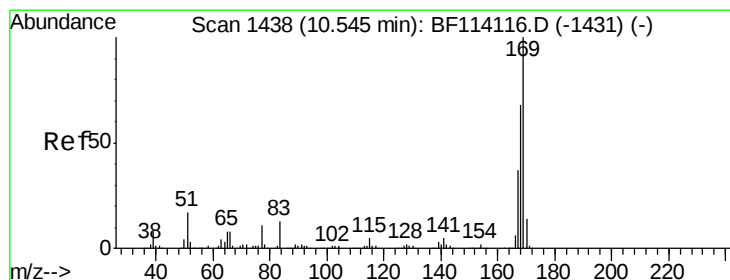
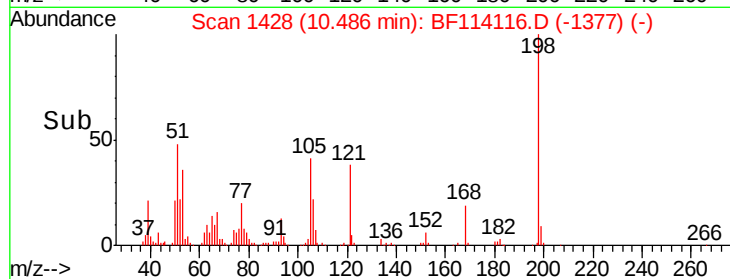
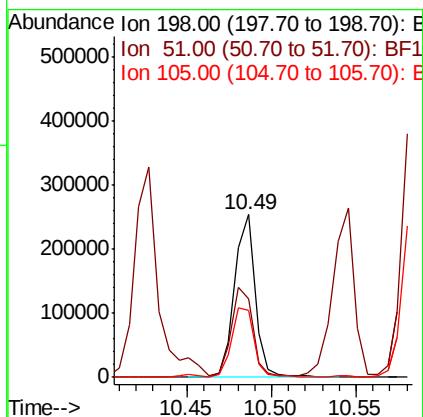
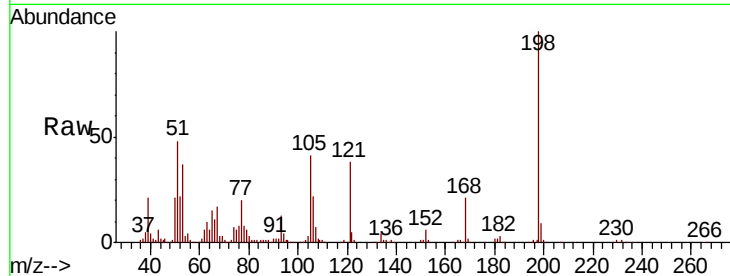




#65
4,6-Dinitro-2-methylphenol
Concen: 34.825 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

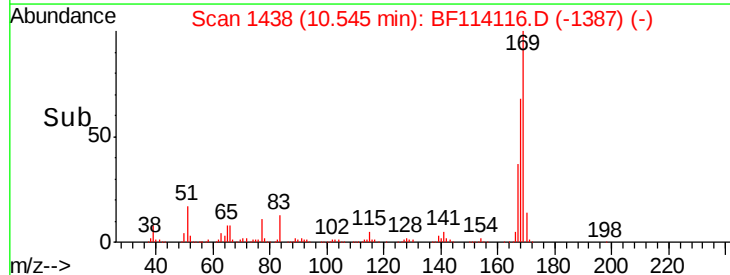
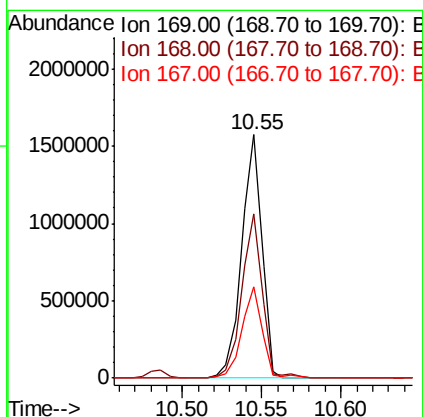
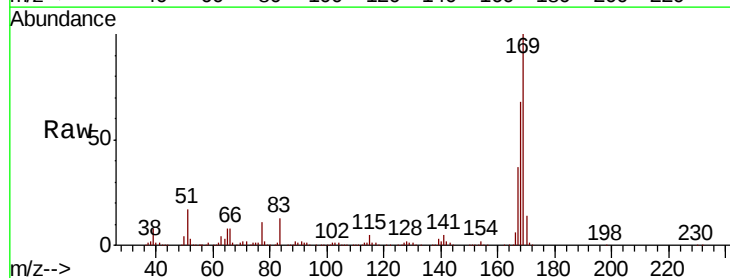
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

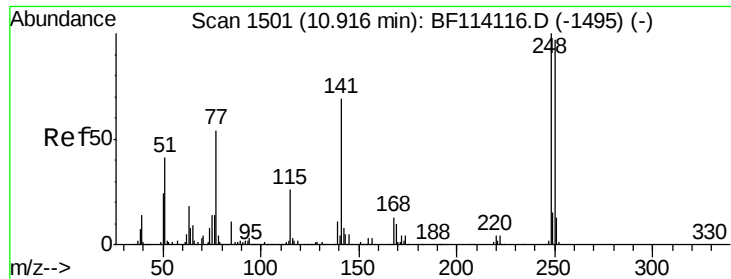
Tot Ion:198 Resp: 216904
Ion Ratio Lower Upper
198 100
51 48.0 28.0 68.0
105 41.1 21.1 61.1



#66
n-Nitrosodiphenylamine
Concen: 40.284 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:169 Resp: 1385292
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 37.3 29.8 44.8

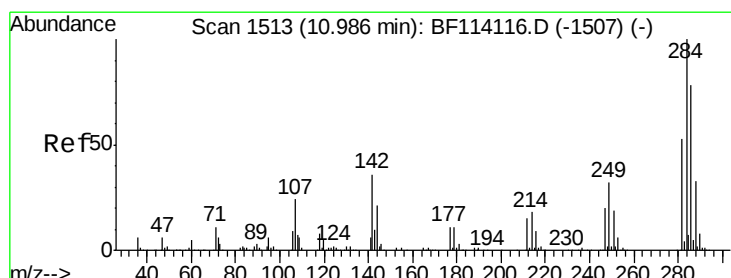
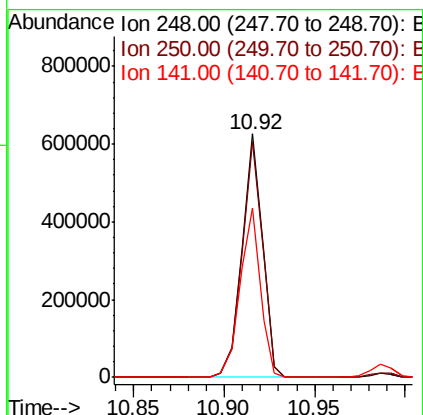
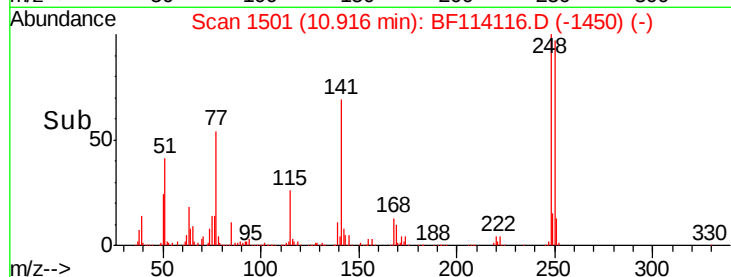
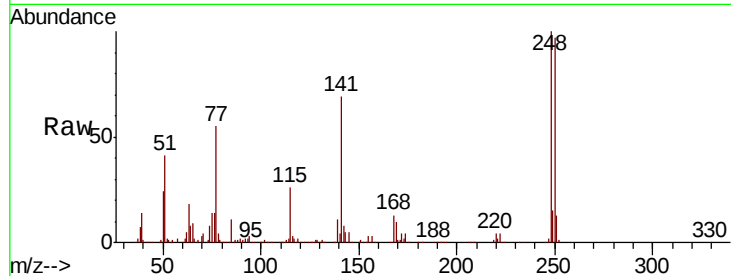




#67
4-Bromophenyl-phenylether
Concen: 36.061 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

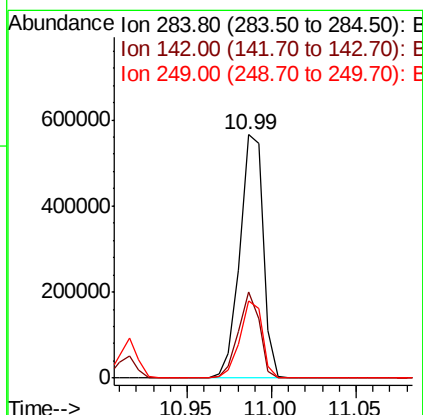
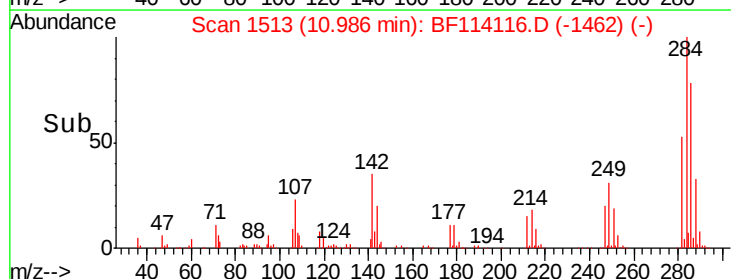
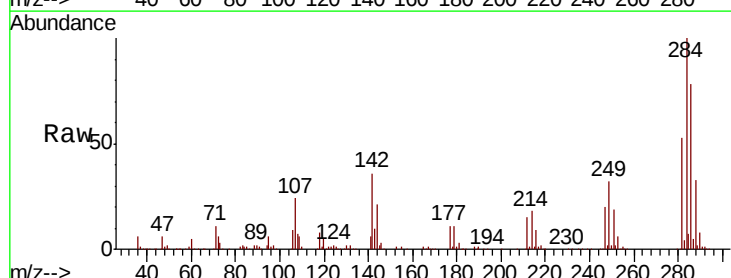
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

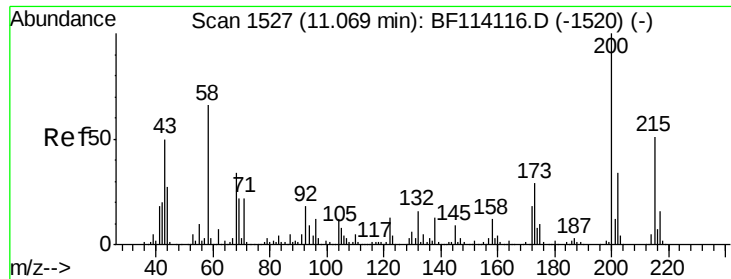
Tot Ion:248 Resp: 493322
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 69.5 55.6 83.4



#68
Hexachlorobenzene
Concen: 36.367 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:284 Resp: 546190
Ion Ratio Lower Upper
284 100
142 35.5 28.4 42.6
249 31.5 25.2 37.8





#69

Atrazine

Concen: 36.323 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

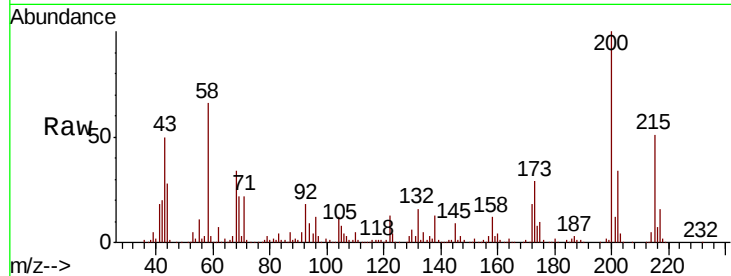
Tot Ion:200 Resp: 418934

Ion Ratio Lower Upper

200 100

173 28.9 8.9 48.9

215 50.7 30.7 70.7

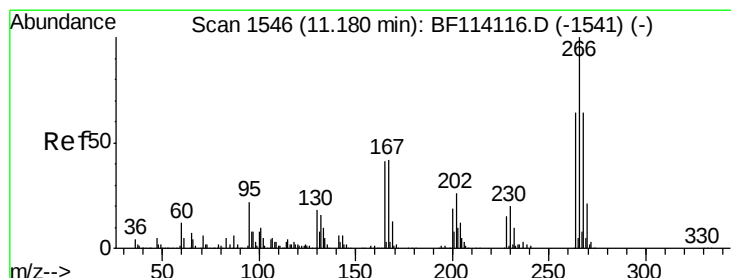
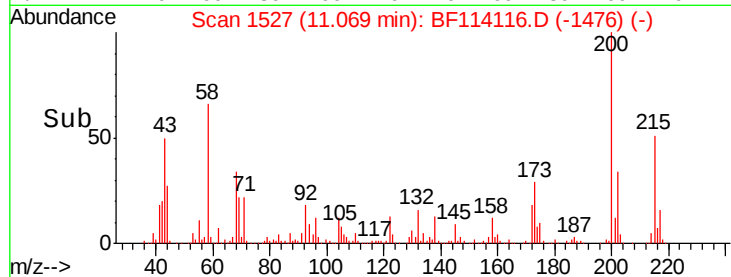
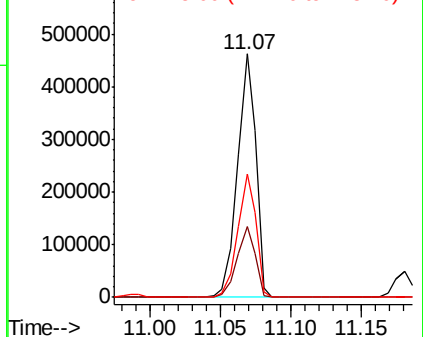


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 33.382 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

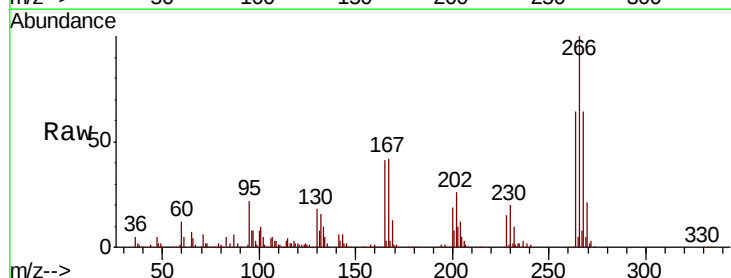
Tgt Ion:266 Resp: 266513

Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

264 63.9 51.1 76.7

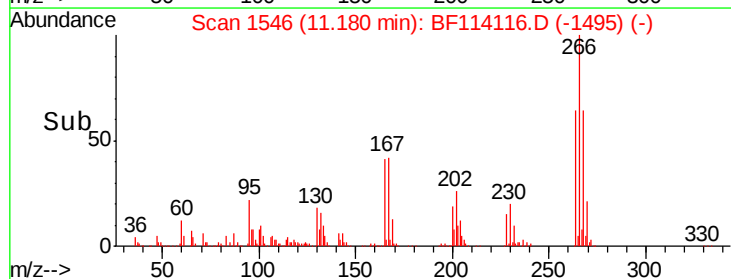
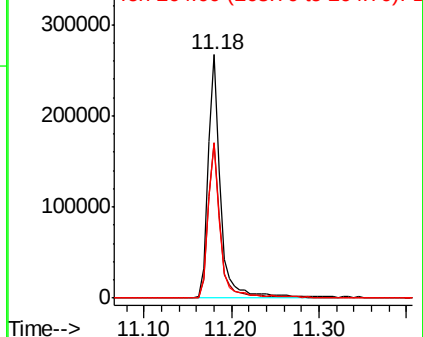


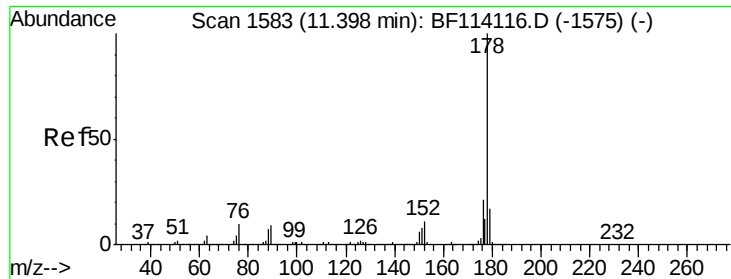
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

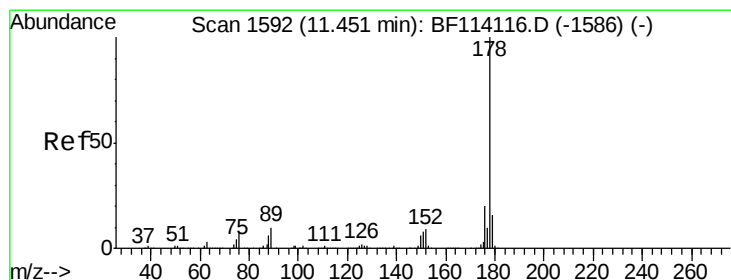
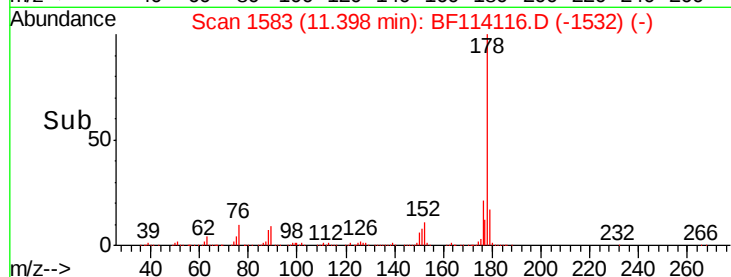
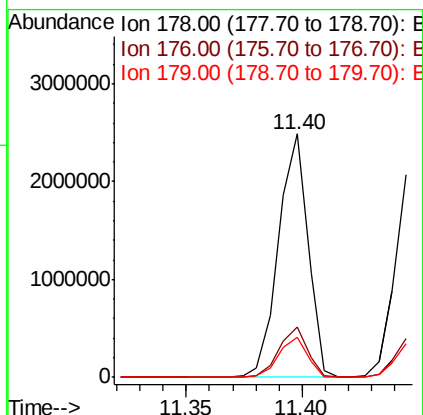
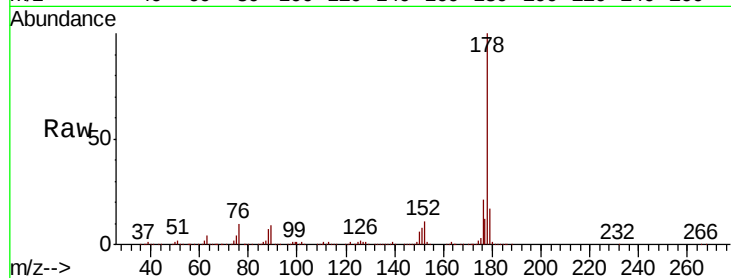




#71
Phenanthrene
Concen: 39.518 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

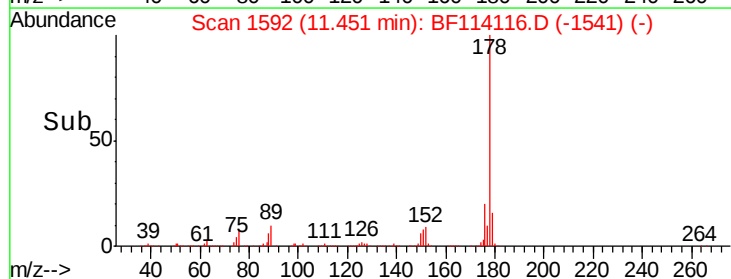
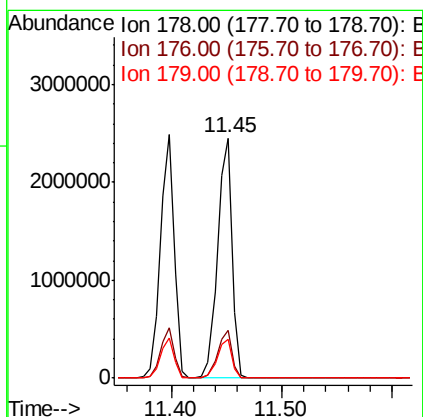
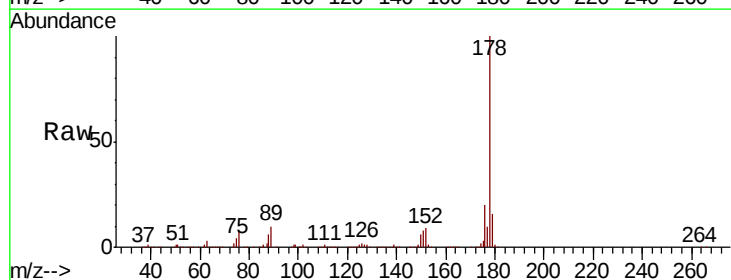
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

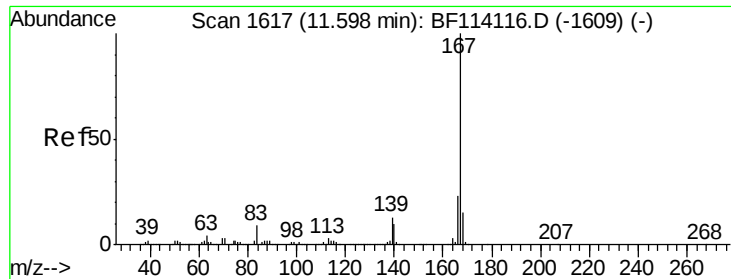
Tot Ion:178 Resp: 2201833
Ion Ratio Lower Upper
178 100
176 20.5 16.4 24.6
179 16.5 13.2 19.8



#72
Anthracene
Concen: 39.724 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:178 Resp: 2234878
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.2 13.0 19.4

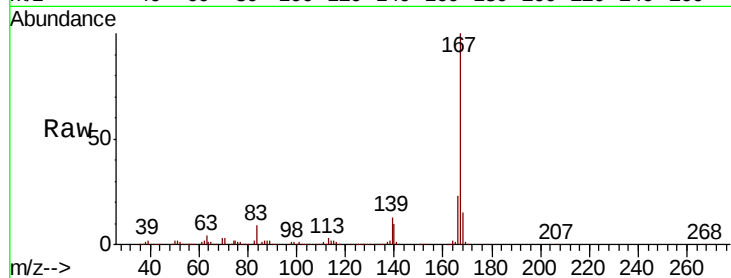




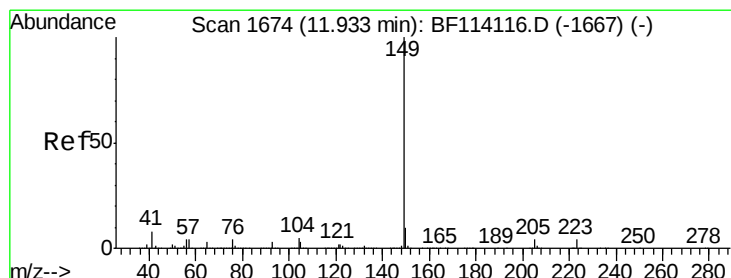
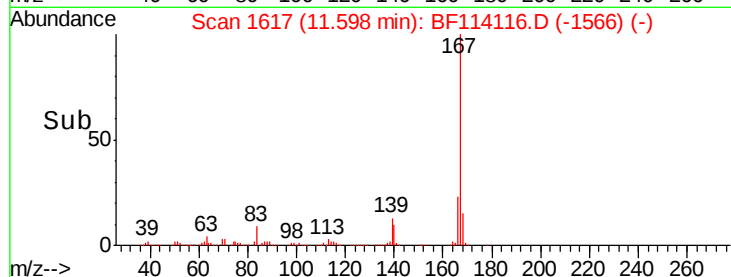
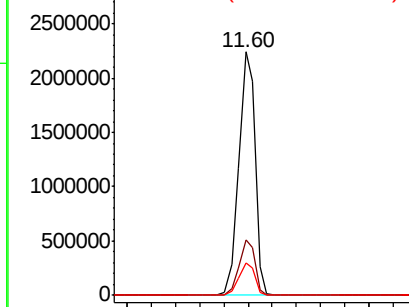
#73
 Carbazole
 Concen: 42.625 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:167 Resp: 2116487
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.3 10.6 16.0

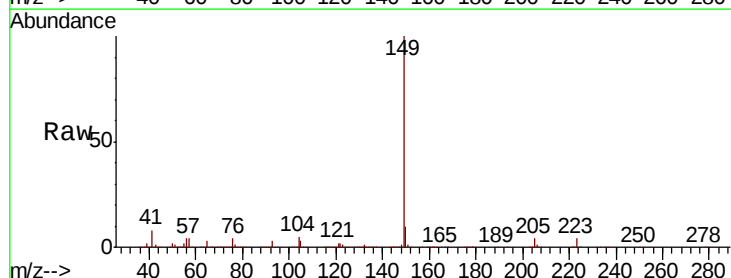


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

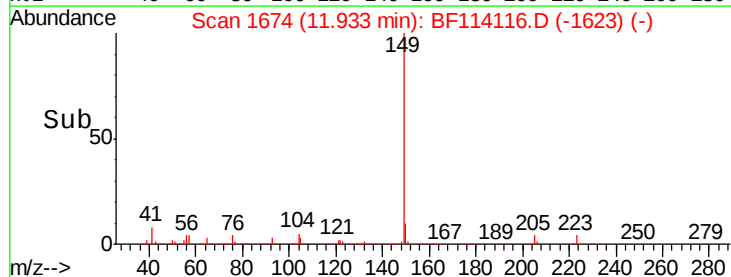
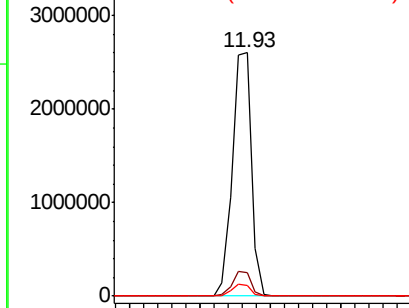


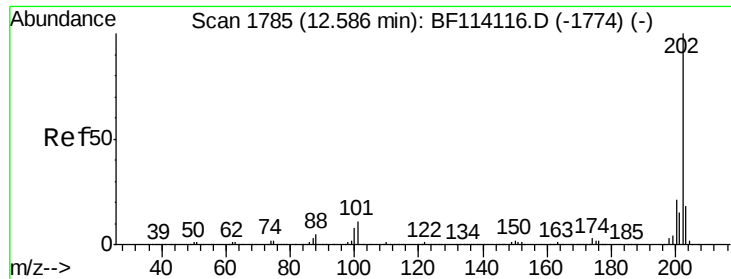
#74
 Di-n-butylphthalate
 Concen: 40.440 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion:149 Resp: 2450570
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.5 3.6 5.4



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





#75

Fluoranthene

Concen: 40.008 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

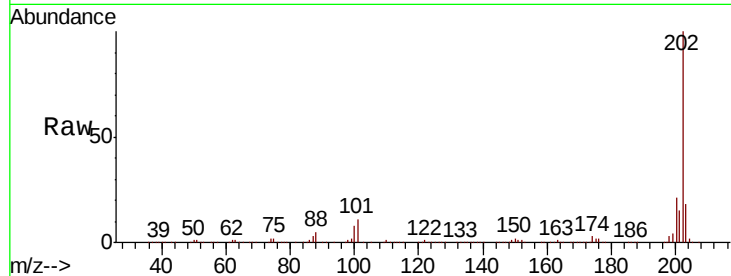
Tot Ion:202 Resp: 2365716

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.0

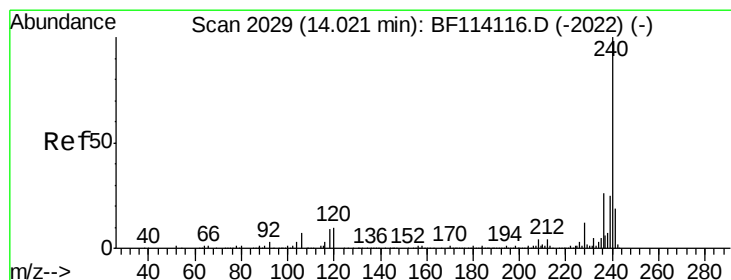
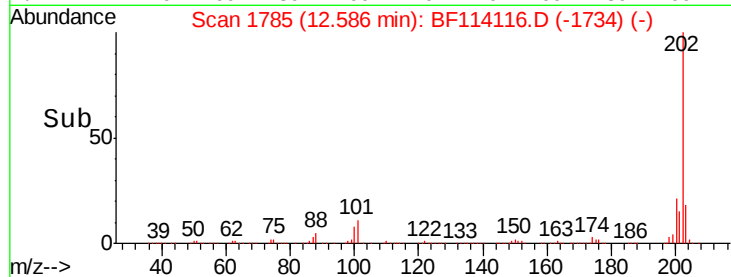
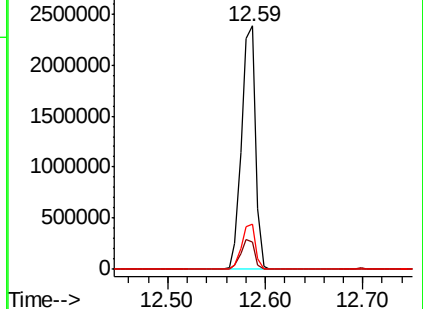
203 18.4 0.0 38.4



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: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

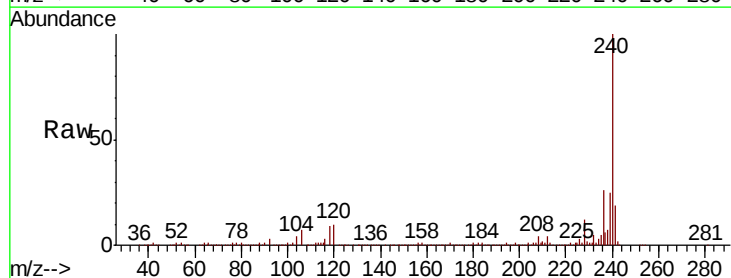
Tgt Ion:240 Resp: 778209

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

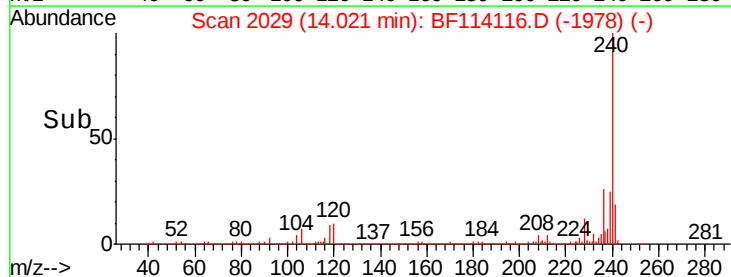
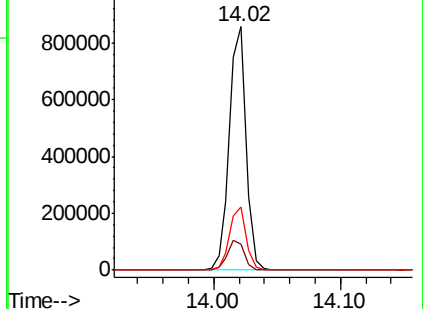
236 26.0 20.8 31.2

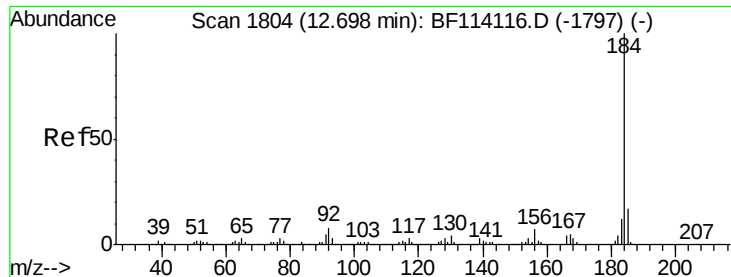


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.798 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

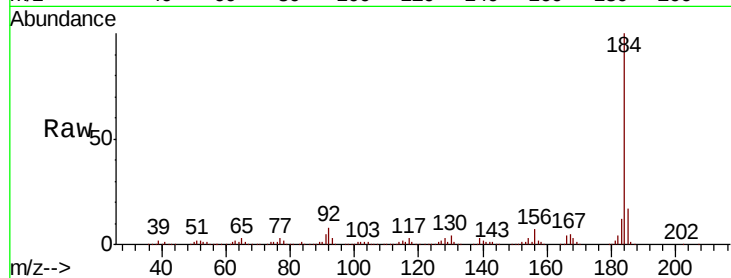
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 1361981

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.6	20.4
183	11.5	9.2	13.8

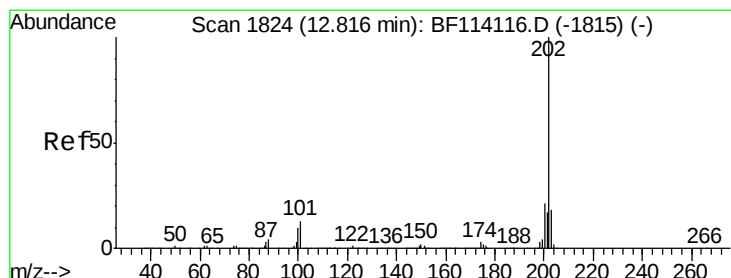
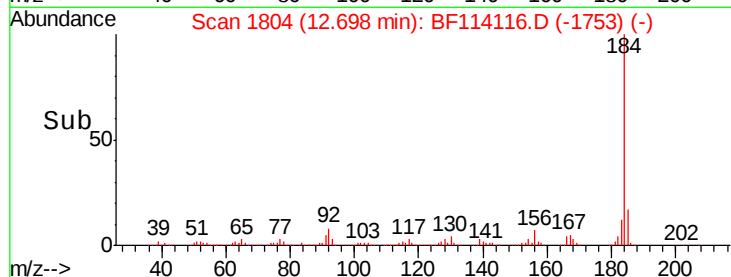
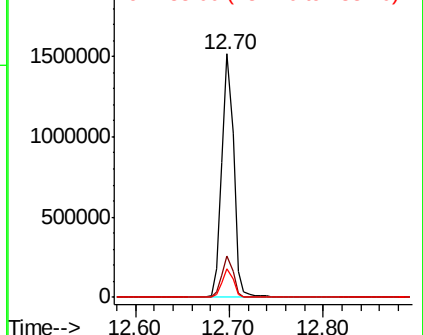


Abundance

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: 44.427 ng

RT: 12.82 min Scan# 1824

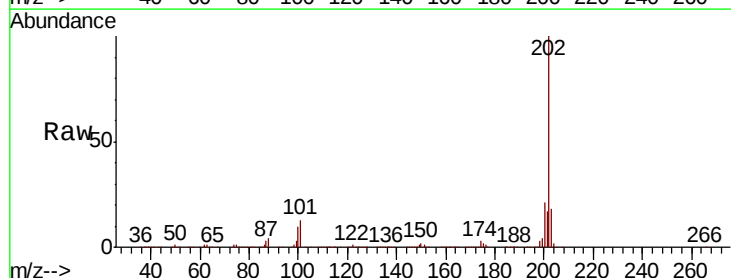
Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion:202 Resp: 2405601

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.1	14.5	21.7

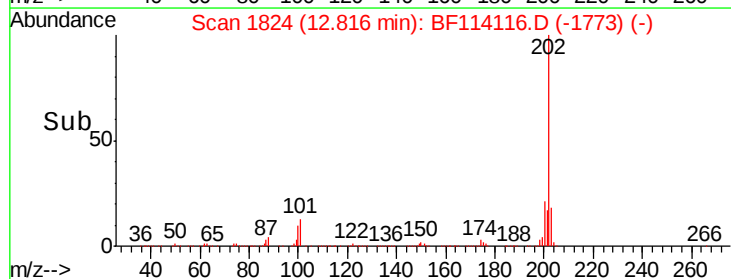
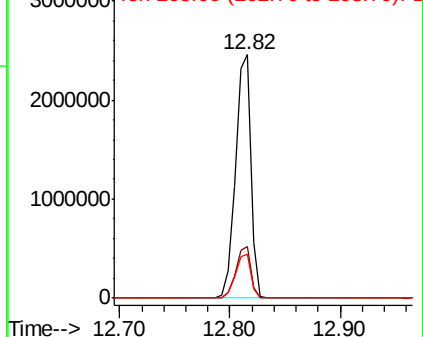


Abundance

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: 73.907 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

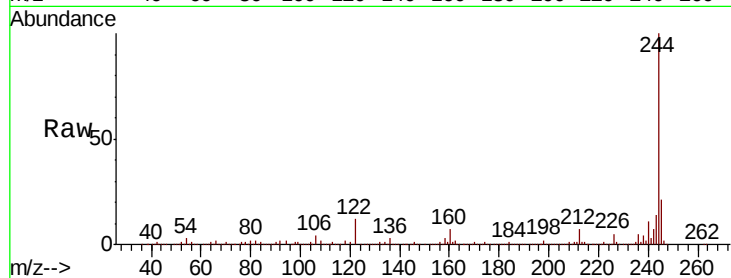
Tot Ion:244 Resp: 2892706

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

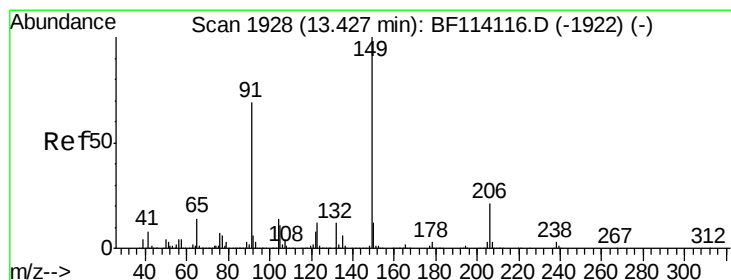
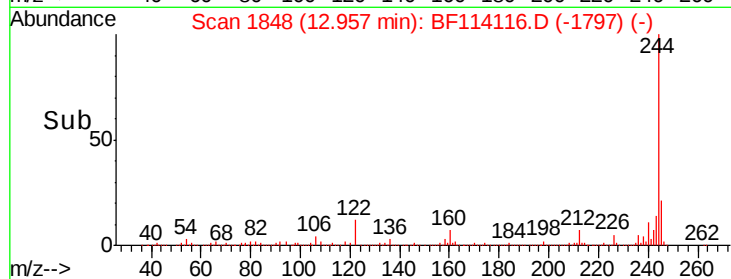
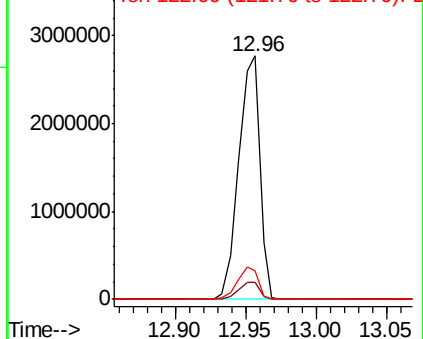
122 11.8 9.4 14.2



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: 44.938 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

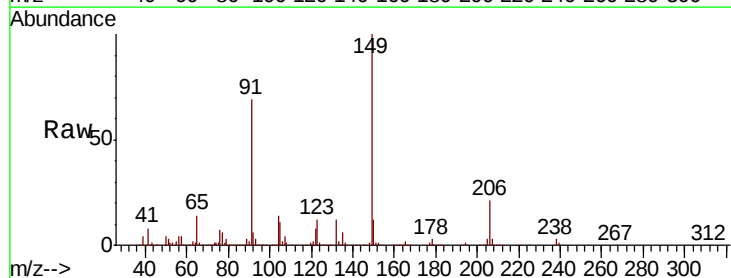
Tgt Ion:149 Resp: 1049607

Ion Ratio Lower Upper

149 100

91 68.7 55.0 82.4

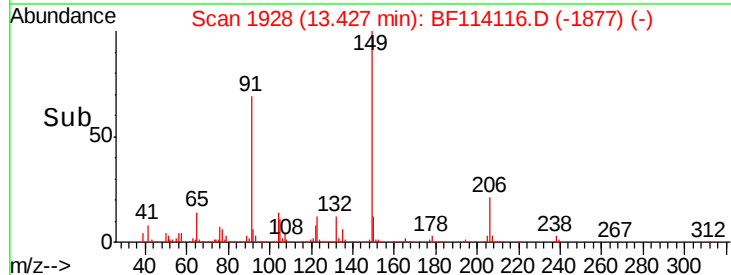
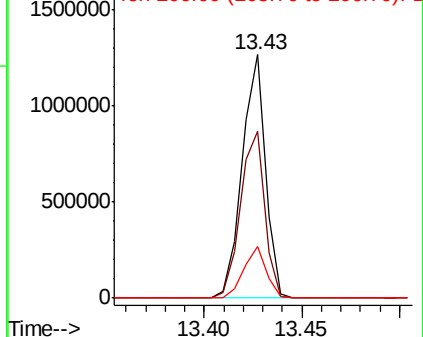
206 21.1 16.9 25.3

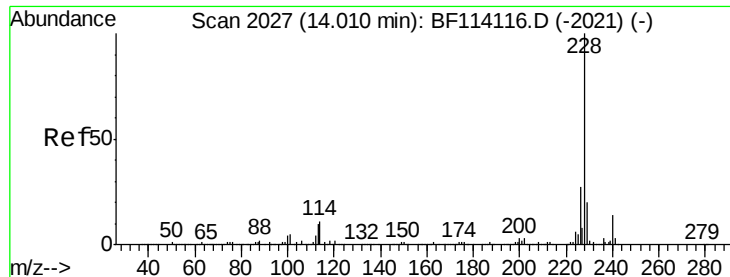


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.718 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

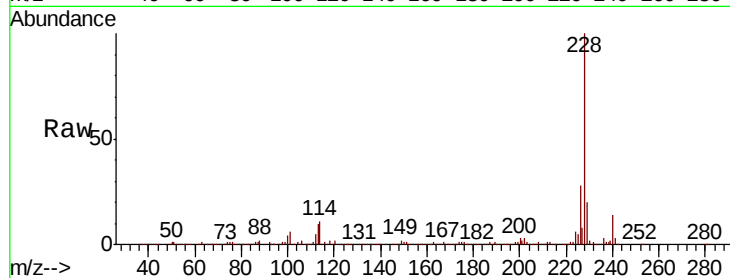
Tot Ion:228 Resp: 2052724

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.5 16.4 24.6

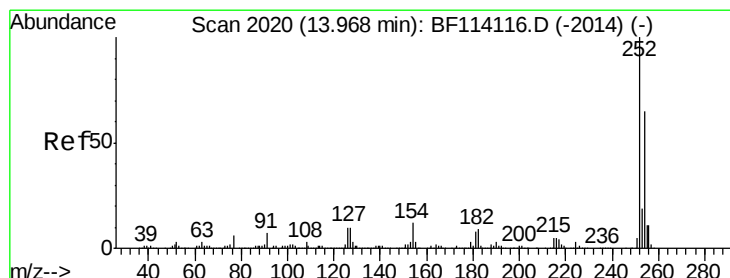
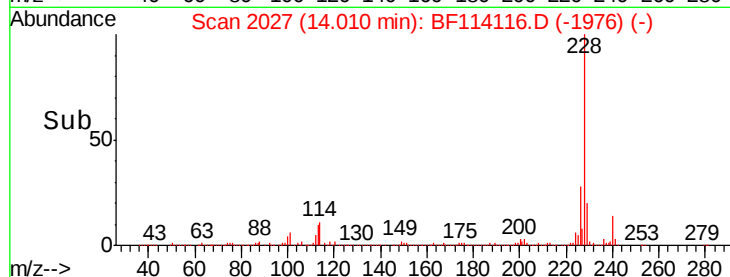
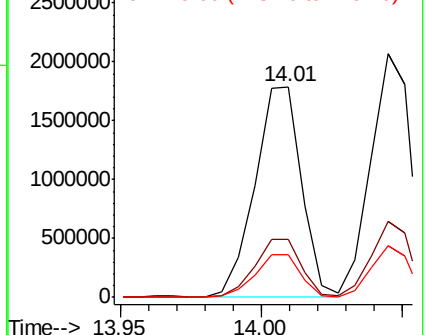


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.787 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

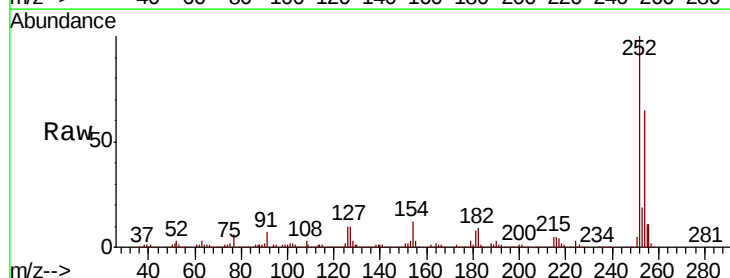
Tgt Ion:252 Resp: 826998

Ion Ratio Lower Upper

252 100

254 64.9 51.9 77.9

126 9.9 7.9 11.9

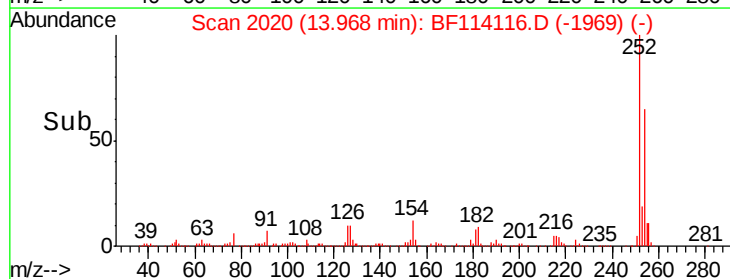
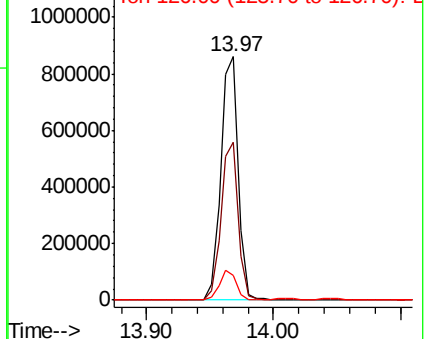


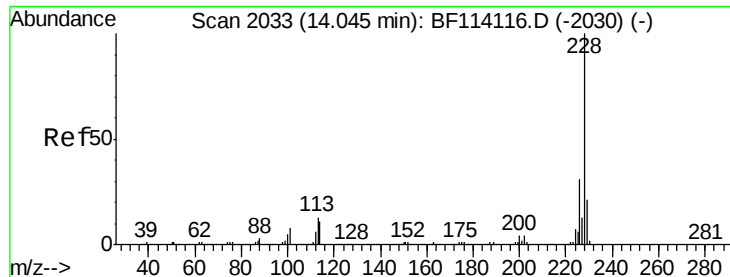
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

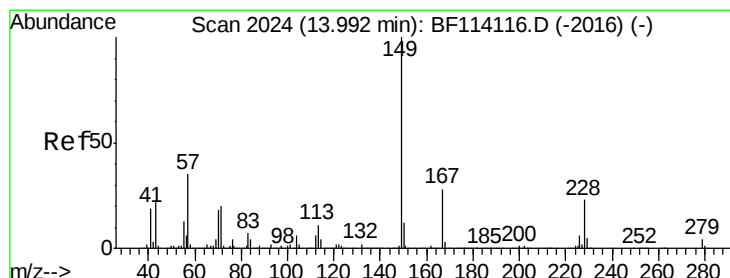
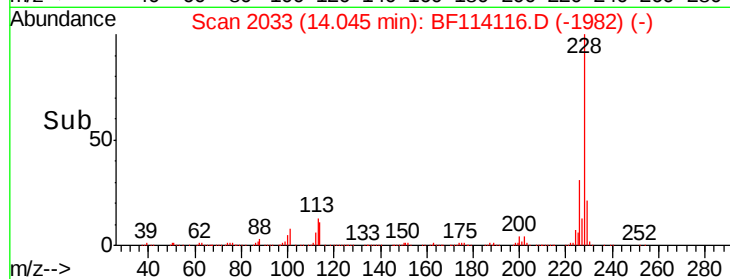
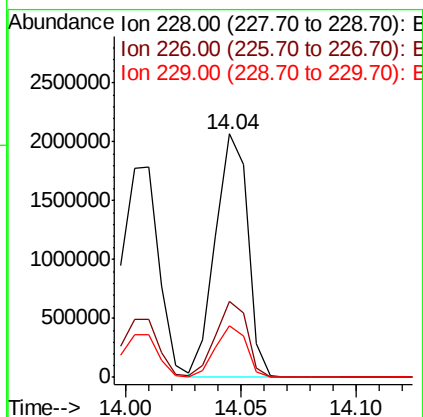
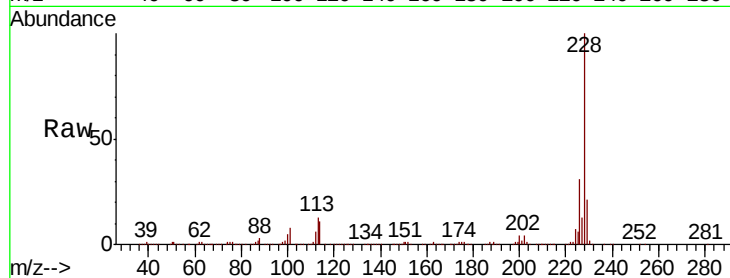




#83
 Chrysene
 Concen: 40.902 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

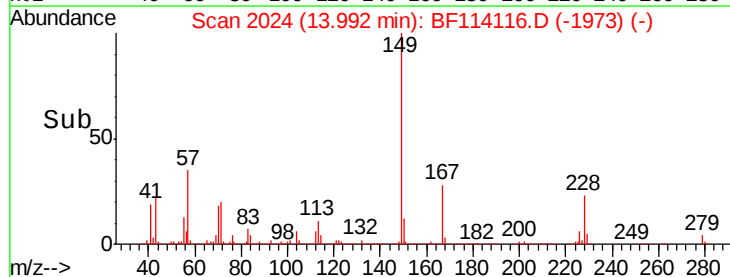
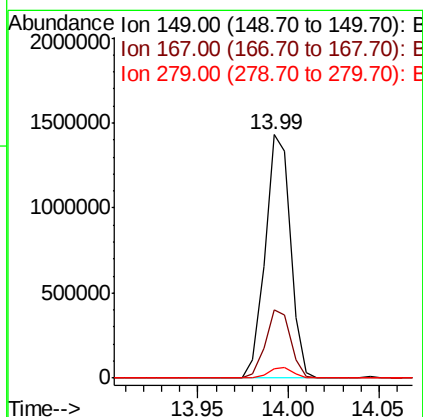
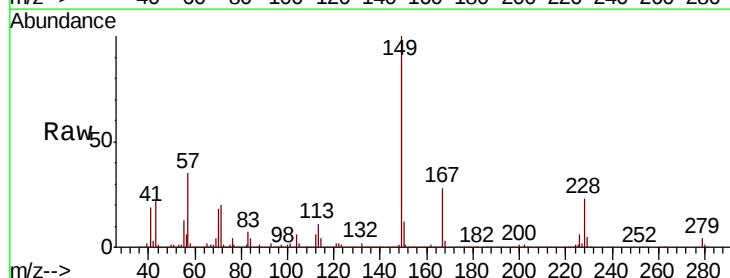
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

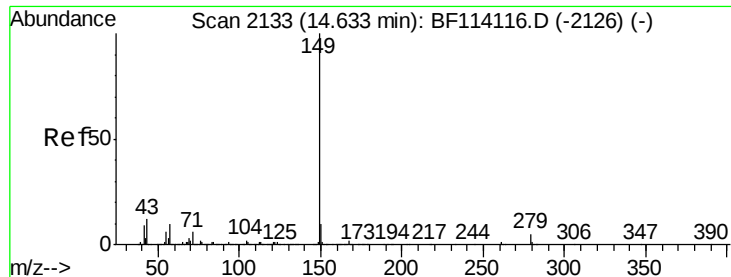
Tot Ion:228 Resp: 2010105
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 21.3 17.0 25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.571 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF114116.D
 Acq: 10 May 2019 10:32

Tgt Ion:149 Resp: 1389818
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.6 33.8
 279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.618 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

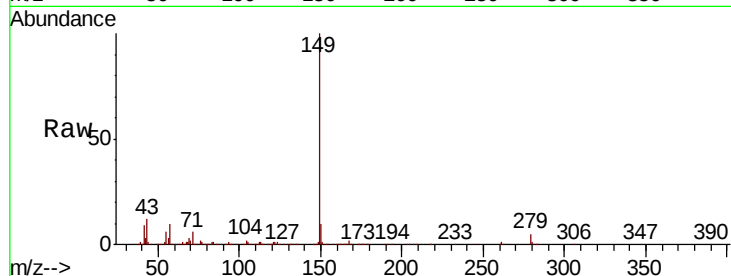
Tot Ion:149 Resp: 2305739

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

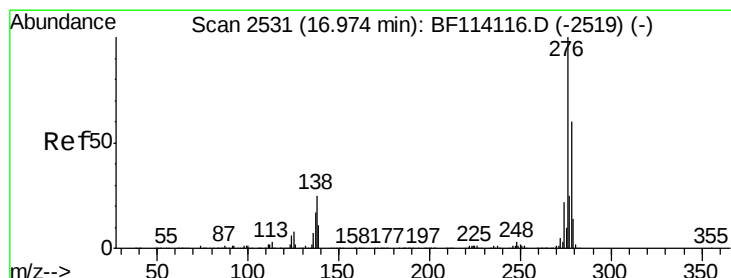
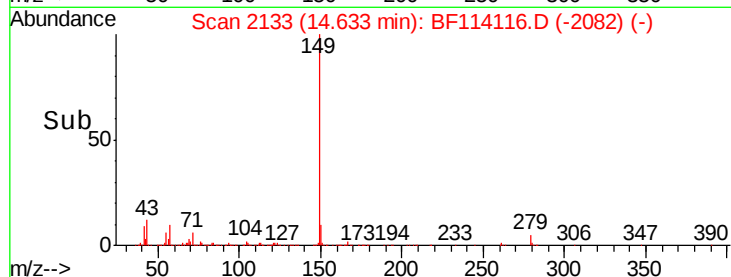
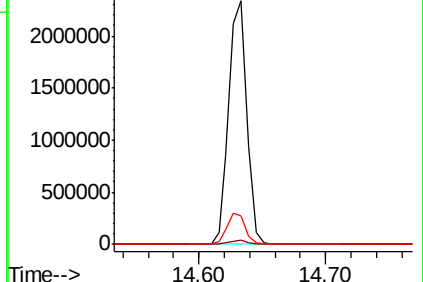
43 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.257 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

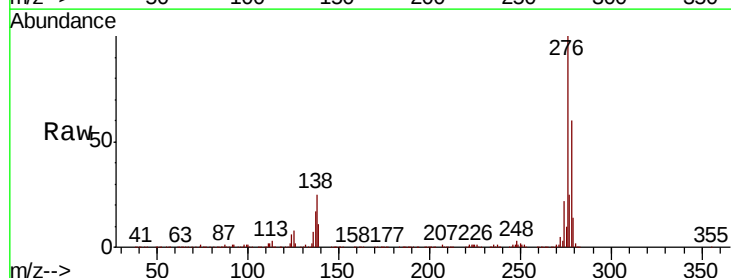
Tgt Ion:276 Resp: 1687738

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.2

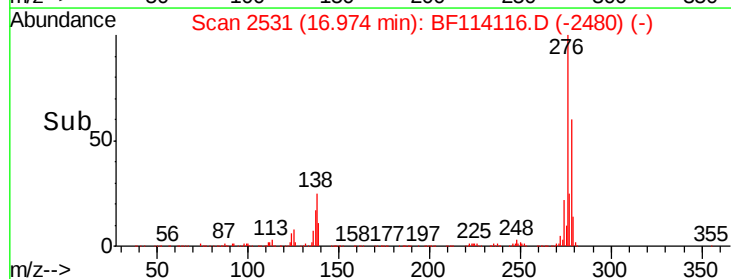
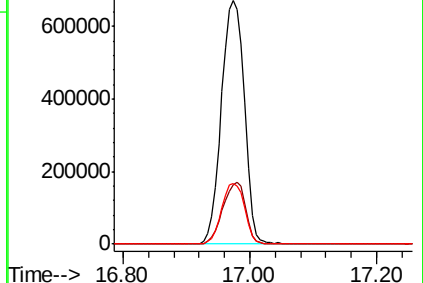
277 25.0 20.0 30.0

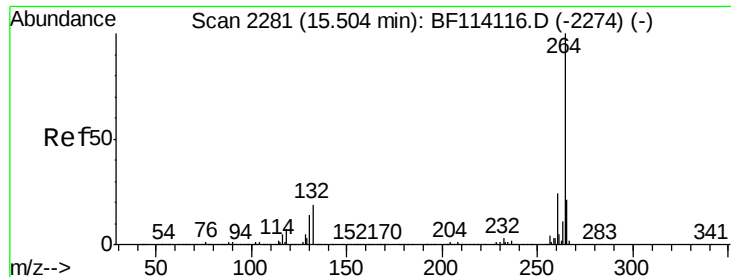


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



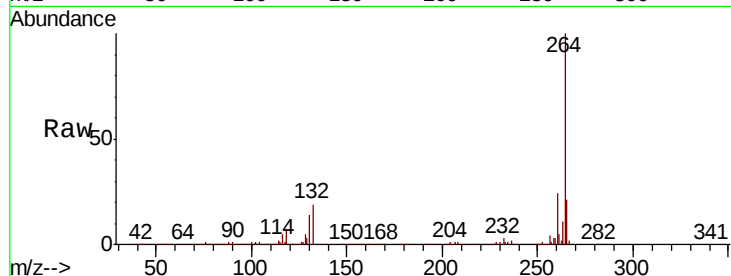


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

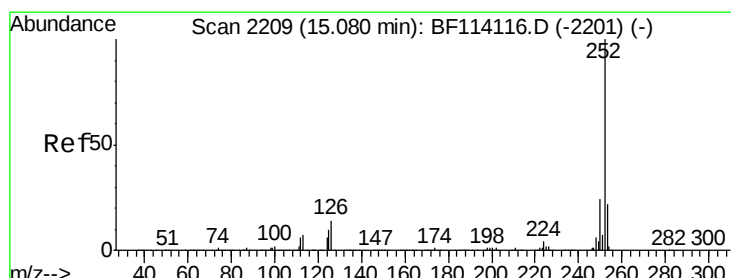
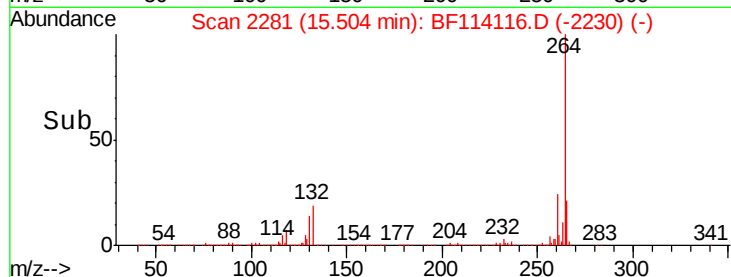
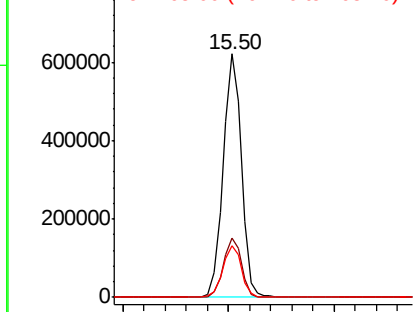
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:264 Resp: 747889

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.1	16.9	25.3



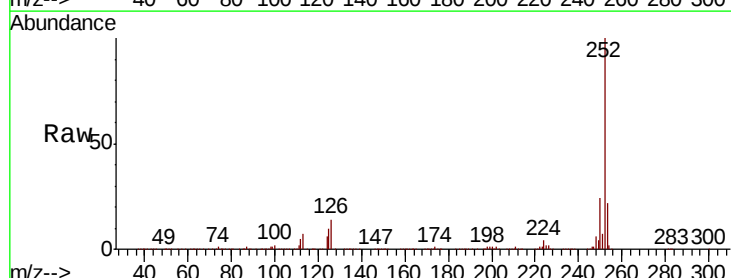
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



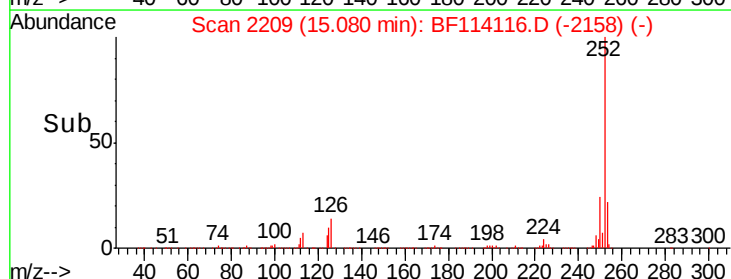
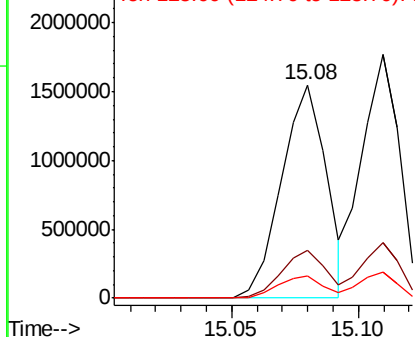
#88
Benzo(b)fluoranthene
Concen: 41.074 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

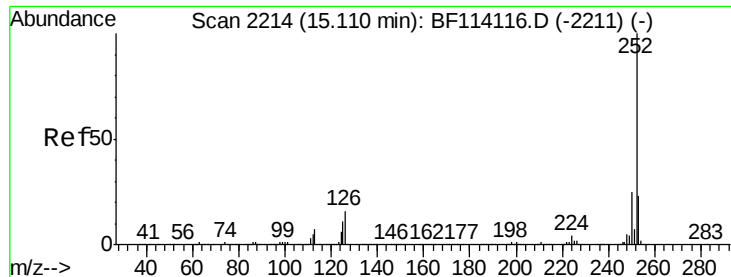
Tgt Ion:252 Resp: 1908689

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.4	8.3	12.5



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

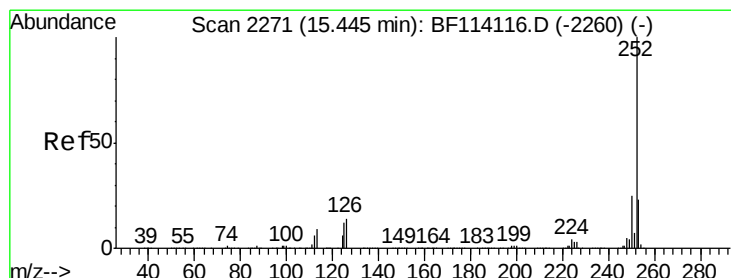
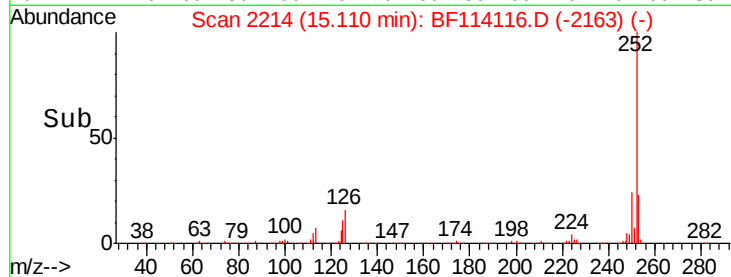
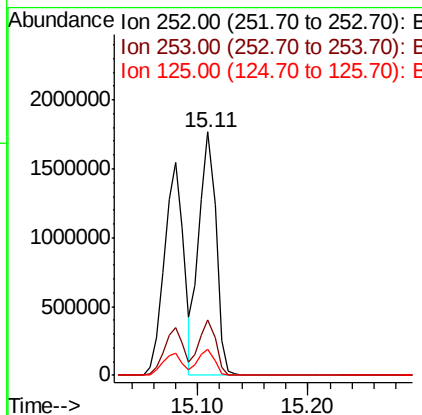
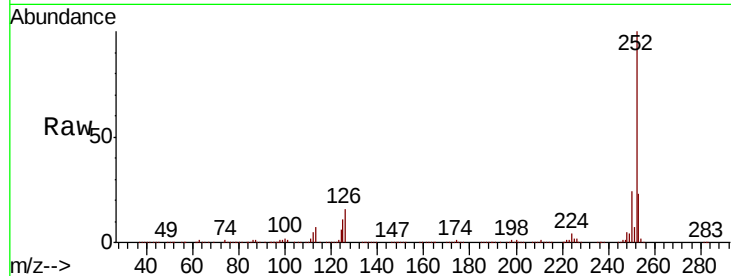




#89
Benzo(k)fluoranthene
Concen: 45.341 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

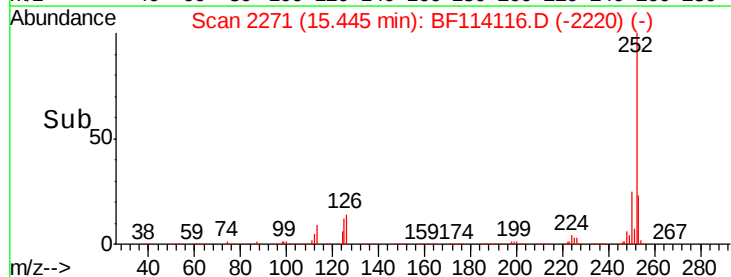
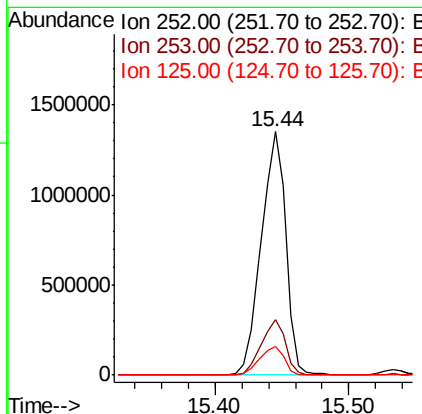
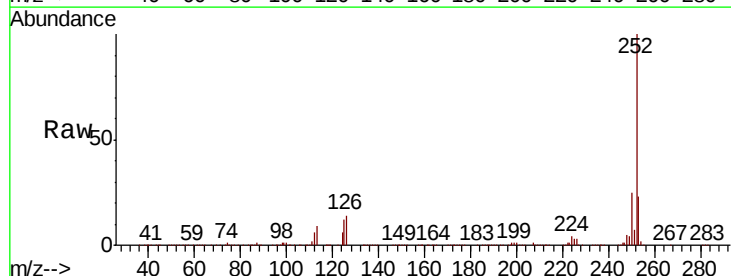
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

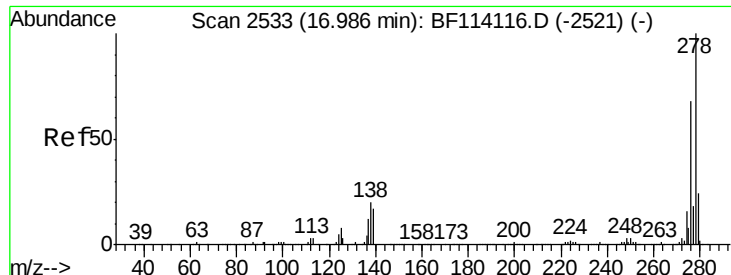
Tot Ion:252 Resp: 1859261
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.8 8.6 13.0



#90
Benzo(a)pyrene
Concen: 41.963 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF114116.D
Acq: 10 May 2019 10:32

Tgt Ion:252 Resp: 1714373
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 40.013 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Instrument :

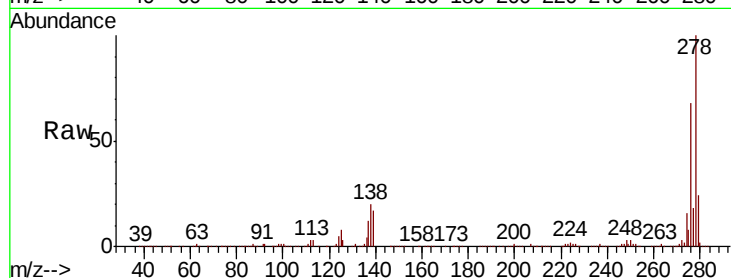
BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:278 Resp: 1373862

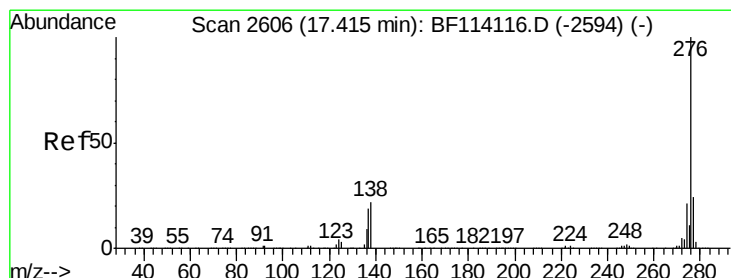
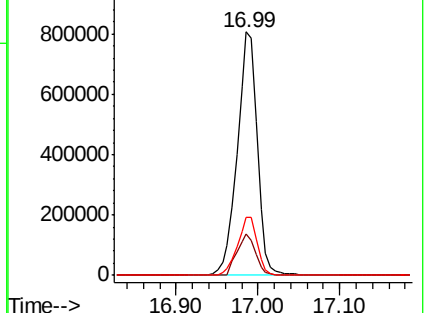
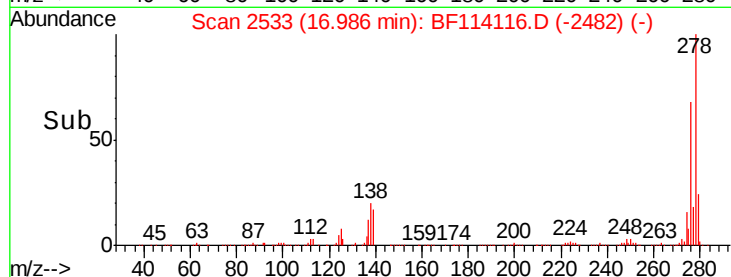
Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	23.8	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.867 ng

RT: 17.42 min Scan# 2606

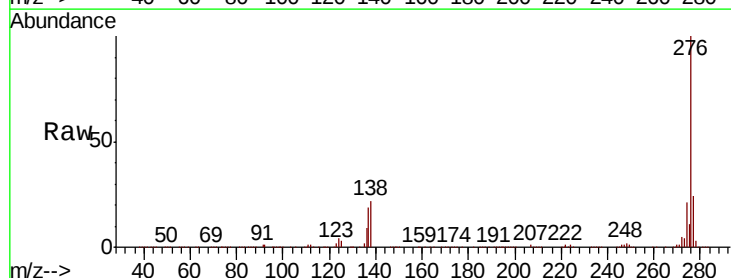
Delta R.T. 0.00 min

Lab File: BF114116.D

Acq: 10 May 2019 10:32

Tgt Ion:276 Resp: 1348766

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.2	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

